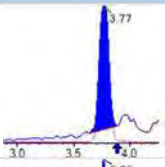
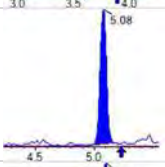
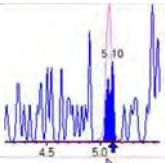
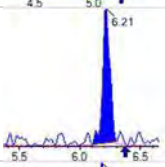
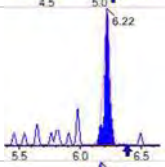
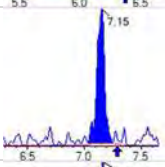
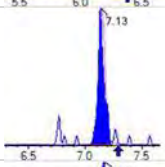
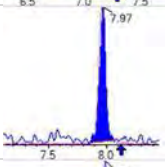
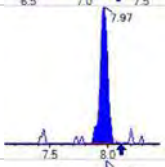
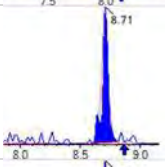
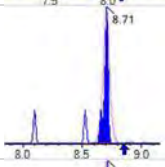
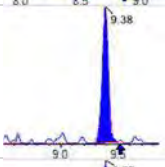
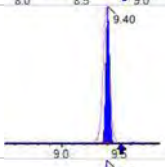
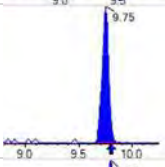
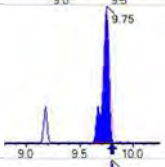
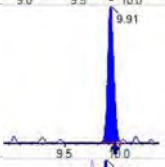
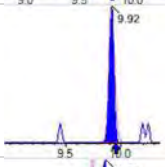
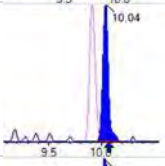
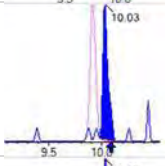
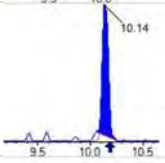
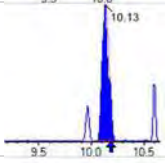
APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (2)
Acquired: 2022/12/09 - 09:01

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) 25192	(3.77 , 1.00) (0.00 , N/A , 0.0)	35.9	N/A 0.0 0.0	0.3924 [0.4000]	98.1%			
PFPeA	(262.9 / 219.0) 14479 (262.9 / 69.0) 109	(5.08 , 1.00) (0.00 , N/A , -1.0)	148.4 10.1	0.0075 64.7 73.5	0.1917 [0.2000]	95.8%			
PFHxA	(313.0 / 269.0) 12134 (313.0 / 119.0) 1465	(6.21 , 1.00) (0.00 , N/A , -0.1)	44.9 46.3	0.1207 134.3 124.2	0.0926 [0.1000]	92.6%			
PFHpA	(363.0 / 319.0) 8729 (363.0 / 169.0) 3225	(7.15 , 1.00) (0.00 , N/A , 0.8)	38.8 72.5	0.3695 128.8 118.6	0.0783 [0.1000]	78.3%			
PFOA	(413.0 / 369.0) 13266 (413.0 / 169.0) 4771	(7.97 , 1.00) (0.01 , N/A , 0.1)	53.8 90.1	0.3596 111.2 108.5	0.1135 [0.1000]	113.5%			
PFNA	(463.0 / 419.0) 11580 (463.0 / 169.0) 869	(8.71 , 1.00) (0.01 , N/A , 0.2)	53.9 29.0	0.0750 37.3 38.6	0.1169 [0.1000]	116.9%			IR1,
PFDA	(513.0 / 469.0) 16314 (513.0 / 169.0) 796	(9.38 , 1.00) (0.00 , N/A , -0.7)	13.4 55462.2	0.0488 55.0 49.1	0.1351 [0.1000]	135.1%			QC,IR1,
PFUnA	(563.0 / 519.0) 18626 (563.0 / 169.0) 1887	(9.75 , 1.00) (0.00 , N/A , 0.0)	17.1 1246.6	0.1013 94.3 106.1	0.1307 [0.1000]	130.7%			QC,
PFDoA	(613.0 / 569.0) 20444 (613.0 / 169.0) 2688	(9.91 , 1.00) (0.00 , N/A , -0.1)	114.4 236.7	0.1315 110.4 92.2	0.1013 [0.1000]	101.3%			
PFTrDA	(663.0 / 619.0) 14463 (663.0 / 169.0) 4602	(10.04 , 1.01) (N/A , 0.01 , 0.7)	72.6 48.8	0.3182 170.9 149.6	0.0816 [0.1000]	81.6%			IR2,
PFTeDA	(713.0 / 669.0) 15181 (713.0 / 169.0) 2118	(10.14 , 1.00) (0.00 , N/A , 0.9)	15.4 172.9	0.1395 70.9 66.1	0.1171 [0.1000]	117.1%			

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A METIRI GROUP COMPANY

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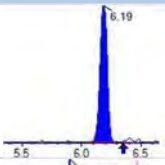
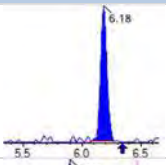
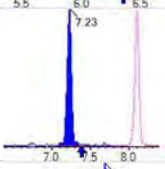
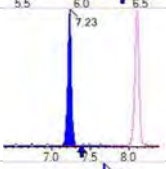
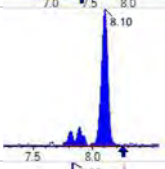
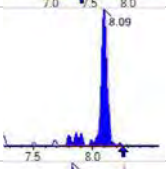
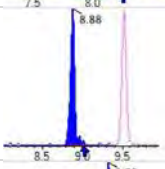
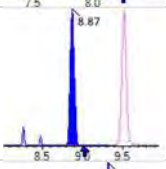
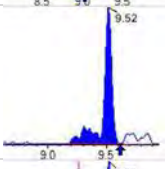
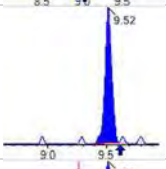
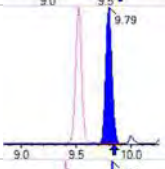
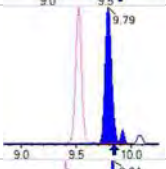
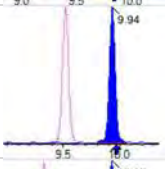
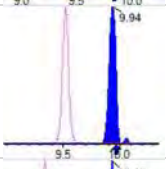
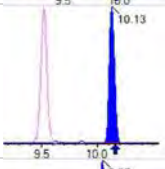
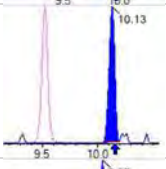
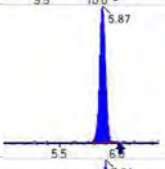
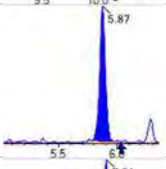
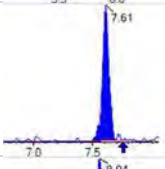
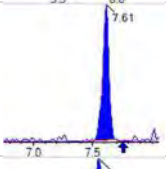
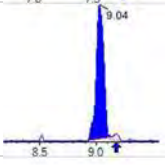
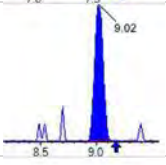
Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (2)
Acquired: 2022/12/09 - 09:01

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) 17421 (298.9 / 99.0) 12084	(6.19 , 1.00) (0.00 , N/A , 0.2)	234.0 98.3	0.6937 102.4 111.3	0.0880 [0.0885]	99.4%			
PFPeS	(349.0 / 80.0) 31974 (349.0 / 99.0) 12152	(7.23 , 0.89) (N/A , 0.01 , -0.1)	192.8 219.5	0.3800 104.2 98.8	0.0960 [0.0938]	102.3%			
PFHxS	(399.0 / 80.0) 26509 (399.0 / 99.0) 9495	(8.10 , 1.00) (0.00 , N/A , 0.4)	10483.3 5483.2	0.3582 103.9 110.1	0.0897 [0.0911]	98.5%			
PFHpS	(449.0 / 80.0) 28878 (449.0 / 99.0) 7149	(8.88 , 0.93) (N/A , 0.02 , 0.5)	186.2 2638.9	0.2476 87.1 90.4	0.1186 [0.0951]	124.7%			
PFOS	(499.0 / 80.0) 38222 (499.0 / 99.0) 8947	(9.52 , 1.00) (0.00 , N/A , 0.2)	343.9 91.7	0.2341 90.9 101.3	0.1267 [0.0927]	136.6%			QC,
PFNS	(549.0 / 80.0) 35021 (549.0 / 99.0) 11325	(9.79 , 1.03) (N/A , 0.00 , 0.3)	241.6 116.4	0.3234 135.3 127.7	0.0989 [0.0960]	103.0%			
PFDS	(599.0 / 80.0) 47399 (599.0 / 99.0) 13592	(9.94 , 1.04) (N/A , 0.01 , -0.3)	268.0 26892.3	0.2867 123.3 126.1	0.1069 [0.0963]	111.0%			
PFDoS	(698.9 / 80.0) 29590 (698.9 / 99.0) 6848	(10.13 , 1.06) (N/A , 0.01 , 0.1)	1498.1 87.3	0.2314 99.9 115.7	0.1125 [0.0970]	116.0%			
4:2FTS	(327.0 / 307.0) 24724 (327.0 / 81.0) 11903	(5.87 , 1.00) (0.00 , N/A , -0.3)	329.1 128.2	0.4814 80.6 84.5	0.3993 [0.3738]	106.8%			
6:2FTS	(427.0 / 407.0) 16442 (427.0 / 81.0) 10804	(7.61 , 1.00) (0.00 , N/A , -0.3)	139.3 104.5	0.6571 91.4 91.9	0.4723 [0.3796]	124.4%			
8:2FTS	(527.0 / 507.0) 14611 (527.0 / 81.0) 5500	(9.04 , 1.00) (0.01 , N/A , 0.9)	21.6 82.3	0.3764 60.4 58.8	0.5326 [0.3833]	138.9%			QC,

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A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

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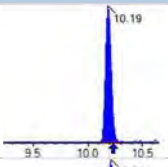
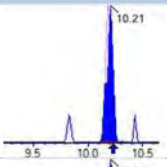
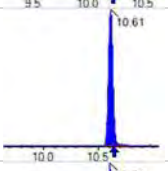
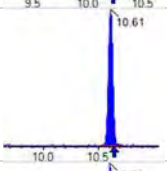
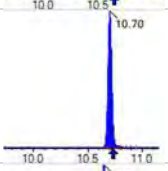
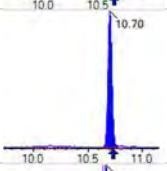
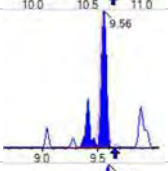
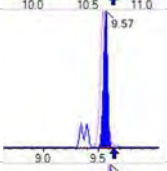
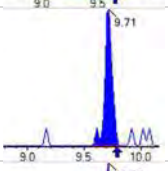
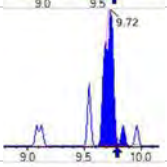
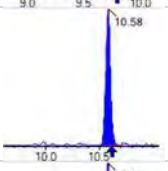
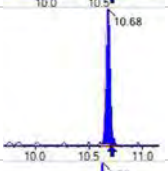
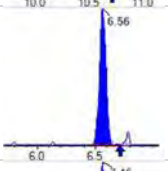
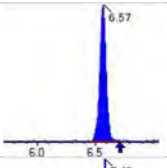
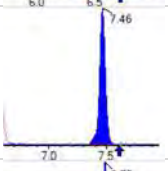
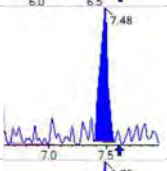
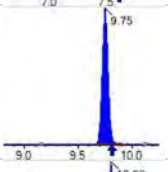
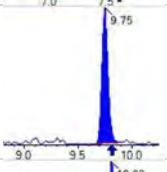
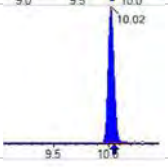
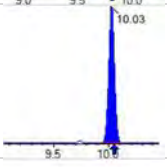
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (2)
Acquired: 2022/12/09 - 09:01

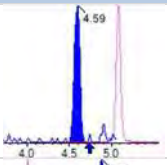
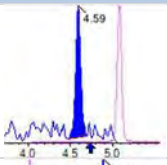
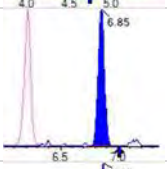
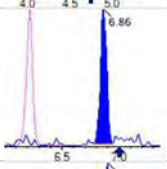
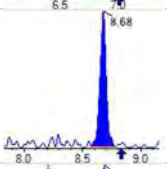
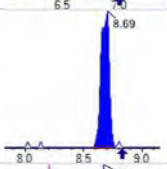
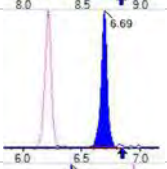
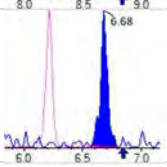
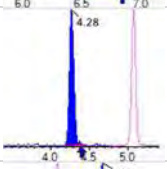
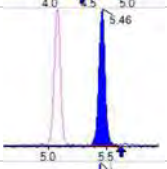
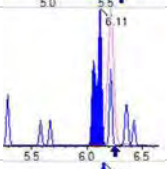
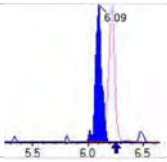
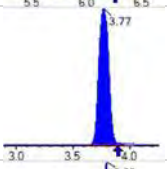
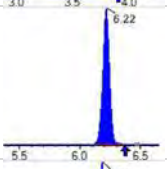
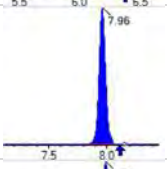
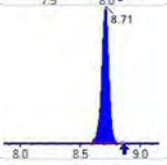
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 51489 (498.0 / 478.0) 2563	(10.19 , 1.00) (0.00 , N/A , -1.3)	362.1 232.3	0.0498 208.5 198.1	0.1077 [0.1000]	107.7%			
NMeFOSA	(511.9 / 219.0) 41723 (511.9 / 169.0) 25340	(10.61 , 1.00) (0.00 , N/A , 0.0)	462.1 338.1	0.6073 91.1 93.3	0.4258 [0.4000]	106.4%			
NEtFOSA	(526.0 / 219.0) 41318 (526.0 / 169.0) 45543	(10.70 , 1.00) (0.00 , N/A , 0.0)	542.0 481.0	1.1023 101.1 103.2	0.3856 [0.4000]	96.4%			
NMeFOSAA	(570.0 / 419.0) 7575 (570.0 / 483.0) 1933	(9.56 , 1.00) (0.01 , N/A , -0.6)	96.9 485.4	0.2551 55.0 50.4	0.1296 [0.1000]	129.6%			
NEtFOSAA	(584.0 / 419.0) 4693 (584.0 / 526.0) 4714	(9.71 , 1.00) (0.00 , N/A , -0.4)	1674.0 121.0	1.0045 165.5 171.1	0.0794 [0.1000]	79.4%			IR2,
NMeFOSE	(616.1 / 59.0) 12339	(10.58 , 1.00) (0.01 , N/A , 0.0)	179.7	N/A 0.0 0.0	0.4291 [0.4000]	107.3%			
NEtFOSE	(630.0 / 59.0) 3868	(10.68 , 1.00) (0.01 , N/A , 0.0)	181.0	N/A 0.0 0.0	0.5076 [0.4000]	126.9%			
HFPO-DA	(285.0 / 169.0) 9093 (285.0 / 185.0) 37150	(6.56 , 1.00) (0.00 , N/A , -0.1)	423.1 333.9	4.0857 147.4 137.4	0.1802 [0.2000]	90.1%			
ADONA	(377.0 / 85.0) 45537 (377.0 / 251.0) 5754	(7.46 , 1.14) (N/A , 0.01 , -0.9)	503.5 26.2	0.1264 100.5 98.7	0.2232 [0.1885]	118.4%			
9Cl-Pf3ONS	(531.0 / 351.0) 118654 (533.0 / 353.0) 32473	(9.75 , 1.49) (N/A , 0.01 , 0.1)	388.1 109.4	0.2737 82.0 86.9	0.2114 [0.1867]	113.2%			
11Cl-PF3OUDS	(631.0 / 451.0) 80953 (633.0 / 453.0) 31114	(10.02 , 1.53) (N/A , 0.00 , -0.4)	223.4 1083.9	0.3843 118.8 130.0	0.2096 [0.1886]	111.1%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (2)
Acquired: 2022/12/09 - 09:01

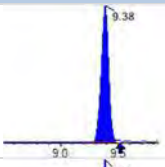
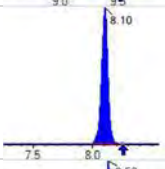
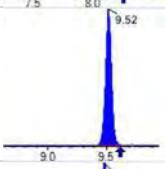
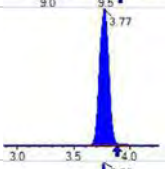
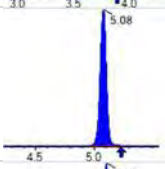
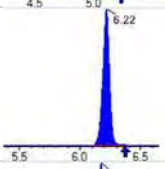
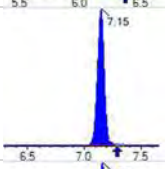
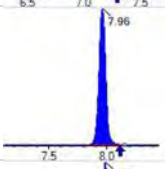
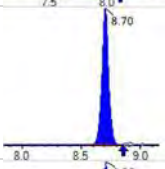
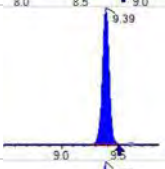
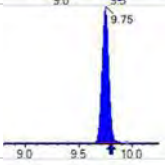
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 1654 (241.0 / 117.0) 2517	(4.59 , 0.90) (N/A , 0.02 , 0.0)	63.6 39.2	1.5219 87.4 90.7	0.4458 [0.4000]	111.4%			
5:3FTCA	(341.0 / 236.7) 11216 (341.0 / 217.0) 15235	(6.85 , 1.10) (N/A , 0.01 , -0.5)	147.1 64.0	1.3584 79.5 81.4	0.4027 [0.4000]	100.7%			
7:3FTCA	(441.0 / 317.0) 14903 (441.0 / 337.0) 11351	(8.68 , 1.40) (N/A , 0.01 , -0.4)	53.8 271.2	0.7617 92.3 92.7	0.4156 [0.4000]	103.9%			
PFEESA	(315.0 / 135.0) 24578 (315.0 / 83.0) 6525	(6.69 , 1.08) (N/A , 0.02 , 0.7)	223.8 43.4	0.2655 89.3 93.2	0.1833 [0.1785]	102.7%			
PFMPA	(229.0 / 85.0) 4239	(4.28 , 0.84) (N/A , 0.02 , 0.0)	195.3	N/A 0.0 0.0	0.2038 [0.2000]	101.9%			
PFMBA	(279.0 / 85.0) 15151	(5.46 , 1.08) (N/A , 0.01 , 0.0)	417.6	N/A 0.0 0.0	0.2337 [0.2000]	116.9%			
NFDHA	(201.0 / 85.0) 863 (295.0 / 201.0) 3866	(6.11 , 0.98) (N/A , 0.02 , 0.9)	23.1 114.8	4.4782 64.0 63.3	0.1513 [0.2000]	75.6%			
13C3_PFBA_IIS	(216.0 / 172.0) 90961	(3.77 , N/A) (N/A , 0.03 , N/A)	623.5	N/A	0.9463 [1.0000]	94.6% { 113.6% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 129381	(6.22 , N/A) (N/A , 0.01 , N/A)	650.8	N/A	1.0478 [1.0000]	104.8% { 110.4% }			
13C4_PFOA_IIS	(417.0 / 372.0) 118492	(7.96 , N/A) (N/A , 0.01 , N/A)	797.9	N/A	0.9995 [1.0000]	100.0% { 108.0% }			
13C5_PFNA_IIS	(468.0 / 423.0) 102886	(8.71 , N/A) (N/A , 0.01 , N/A)	541.8	N/A	1.0803 [1.0000]	108.0% { 105.1% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (2)
Acquired: 2022/12/09 - 09:01

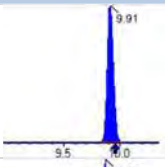
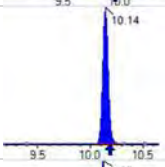
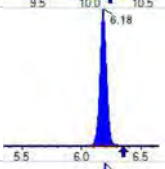
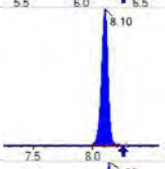
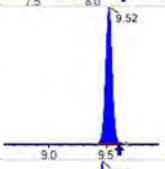
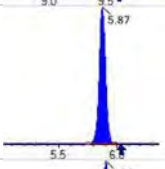
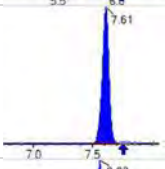
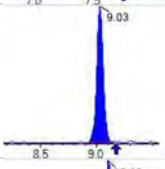
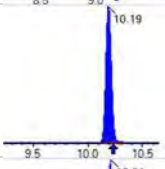
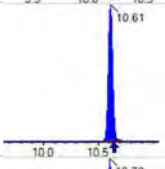
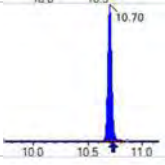
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 89803	(9.38 , N/A) (N/A , 0.01 , N/A)	211.0	N/A	1.0901 [1.0000]	109.0% { 103.0% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 228725	(8.10 , N/A) (N/A , 0.01 , N/A)	895.5	N/A	1.0657 [1.0000]	106.6% { 102.5% }			
13C4_PFOS_IIS	(502.8 / 79.9) 192474	(9.52 , N/A) (N/A , 0.01 , N/A)	301.5	N/A	1.0341 [1.0000]	103.4% { 90.6% }			
13C4_PFBA_EIS	(217.0 / 172.0) 674590	(3.77 , N/A) (N/A , 0.03 , N/A)	884.6	N/A	7.9104 [8.0000]	98.9% { 112.4% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 314285	(5.08 , N/A) (N/A , 0.01 , N/A)	1157.0	N/A	3.3300 [4.0000]	83.3% { 93.0% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 260142	(6.22 , N/A) (N/A , 0.01 , N/A)	778.9	N/A	1.9712 [2.0000]	98.6% { 107.1% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 220183	(7.15 , N/A) (N/A , 0.01 , N/A)	742.1	N/A	1.8484 [2.0000]	92.4% { 94.4% }			
13C8_PFOA_EIS	(421.0 / 376.0) 226778	(7.96 , N/A) (N/A , 0.01 , N/A)	456.5	N/A	1.8816 [2.0000]	94.1% { 97.9% }			
13C9_PFNA_EIS	(472.0 / 427.0) 102731	(8.70 , N/A) (N/A , 0.01 , N/A)	322.0	N/A	1.0118 [1.0000]	101.2% { 110.2% }			
13C6_PFDA_EIS	(519.0 / 474.0) 118986	(9.39 , N/A) (N/A , 0.02 , N/A)	1941.5	N/A	0.9122 [1.0000]	91.2% { 93.9% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 161886	(9.75 , N/A) (N/A , 0.01 , N/A)	396.7	N/A	0.9246 [1.0000]	92.5% { 90.1% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (2)
Acquired: 2022/12/09 - 09:01

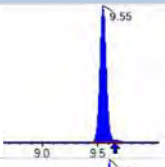
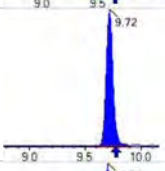
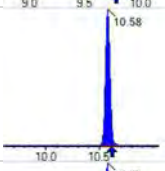
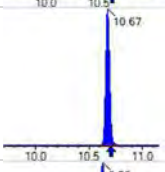
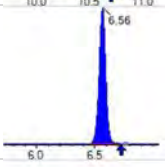
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 219375	(9.91 , N/A) (N/A , 0.00 , N/A)	22251288.8	N/A	1.0323 [1.0000]	103.2% { 115.2% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 131565	(10.14 , N/A) (N/A , 0.01 , N/A)	418.7	N/A	0.8434 [1.0000]	84.3% { 86.9% }			
13C3_PFBS_EIS	(302.0 / 80.0) 648699	(6.18 , N/A) (N/A , 0.01 , N/A)	886.1	N/A	1.9298 [2.0000]	96.5% { 99.3% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 352448	(8.10 , N/A) (N/A , 0.01 , N/A)	841.2	N/A	1.8420 [2.0000]	92.1% { 93.5% }			
13C8_PFOS_EIS	(507.0 / 80.0) 537263	(9.52 , N/A) (N/A , 0.01 , N/A)	831.1	N/A	1.8311 [2.0000]	91.6% { 98.4% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 70889	(5.87 , N/A) (N/A , 0.01 , N/A)	565.2	N/A	3.7392 [4.0000]	93.5% { 114.1% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 87787	(7.61 , N/A) (N/A , 0.01 , N/A)	496.9	N/A	3.4514 [4.0000]	86.3% { 105.2% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 69876	(9.03 , N/A) (N/A , 0.01 , N/A)	317.5	N/A	3.1651 [4.0000]	79.1% { 86.9% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 860896	(10.19 , N/A) (N/A , 0.00 , N/A)	761.9	N/A	1.9219 [2.0000]	96.1% { 103.9% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 213240	(10.61 , N/A) (N/A , 0.01 , N/A)	693.4	N/A	1.6087 [2.0000]	80.4% { 106.8% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 206935	(10.70 , N/A) (N/A , 0.00 , N/A)	689.1	N/A	1.7218 [2.0000]	86.1% { 103.8% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (2)
Acquired: 2022/12/09 - 09:01

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 268163	(9.55 , N/A) (N/A , 0.01 , N/A)	324.0	N/A	4.1079 [4.0000]	102.7% { 104.7% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 257650	(9.72 , N/A) (N/A , 0.01 , N/A)	505.5	N/A	4.5922 [4.0000]	114.8% { 106.0% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 409019	(10.58 , N/A) (N/A , 0.01 , N/A)	934.5	N/A	18.0662 [20.0000]	90.3% { 100.2% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 222552	(10.67 , N/A) (N/A , 0.00 , N/A)	1697.9	N/A	19.2925 [20.0000]	96.5% { 106.1% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 607724	(6.56 , N/A) (N/A , 0.01 , N/A)	841.1	N/A	6.9921 [8.0000]	87.4% { 96.2% }			

LOW-CONCENTRATION CALIBRATION VERIFICATIONW

Table B-15W

Laboratory:WAPPL, L CL

SDG:W

Client:W Tidewater, Inc.L

Project:WNASA JPL

Calibration:W2251019L

Laboratory ID:WSB03858-LCV1L

Sequence:WSB03858L

Standard ID:W22L0300L

ANALYTEW	EXPECTEDW (ng/mL)W	FOUNDW (ng/mL)W	% DRIFTW	QC LIMITW
PFBAL	0.400L	0.415L	3.8L	30.00L
PFPEAL	0.200L	0.208L	4.1L	30.00L
PFHXAL	0.100L	0.101L	1.5L	30.00L
PFHPAL	0.100L	0.0991L	-0.9L	30.00L
PFOAL	0.100L	0.100L	0.2L	30.00L
PFNAL	0.100L	0.118L	17.6L	30.00L
PFDAL	0.100L	0.129L	29.4L	30.00L
PFUnAL	0.100L	0.137L	37.2L *	30.00L
PFDOAL	0.100L	0.115L	15.2L	30.00L
PFTRDAL	0.100L	0.119L	19.0L	30.00L
PFTEDAL	0.100L	0.0793L	-20.7L	30.00L
PFBSL	0.0885L	0.0947L	7.0L	30.00L
PFPESL	0.0940L	0.0795L	-15.4L	30.00L
PFHXSL	0.0915L	0.0701L	-23.4L	30.00L
PFHPSL	0.0955L	0.102L	6.6L	30.00L
PFOSL	0.0930L	0.102L	10.2L	30.00L
PFNSL	0.0960L	0.0893L	-6.9L	30.00L
PFDSL	0.0965L	0.111L	15.0L	30.00L
4:2FTSL	0.375L	0.377L	0.4L	30.00L
6:2FTSL	0.380L	0.361L	-5.1L	30.00L
8:2FTSL	0.384L	0.482L	25.6L	30.00L
PFOSAL	0.100L	0.108L	8.1L	30.00L
NMeFOSAL	0.400L	0.391L	-2.2L	30.00L
NEtFOSAL	0.400L	0.394L	-1.5L	30.00L
NMeFOSAAL	0.100L	0.0879L	-12.1L	30.00L
NEtFOSAAL	0.100L	0.0825L	-17.5L	30.00L
NMeFOSEL	0.400L	0.421L	5.4L	30.00L
NEtFOSEL	0.400L	0.382L	-4.5L	30.00L

LOW-CONCENTRATION CALIBRATION VERIFICATIONW

Table B-15W

Laboratory:WAPPL, L CL

SDG:W

Client:W Tidewater, Inc.L

Project:WNASA JPL

Calibration:W2251019L

Laboratory ID:WSB03858-LCV1L

Sequence:WSB03858L

Standard ID:W22L0300L

HFPO-DAL	0.200L	0.200L	0.1L	30.00L
ADONAL	0.189L	0.177L	-6.3L	30.00L
9CL-PF3ONSL	0.187L	0.180L	-3.8L	30.00L
11CL-PF3OUDSL	0.189L	0.185L	-2.3L	30.00L

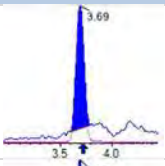
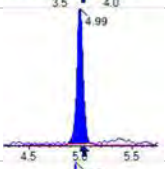
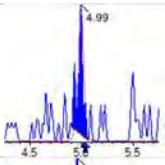
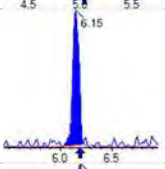
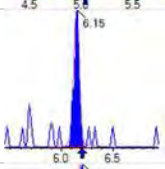
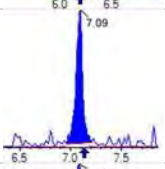
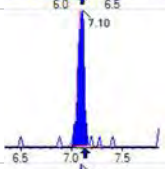
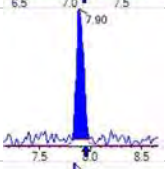
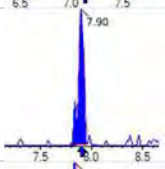
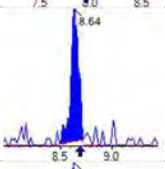
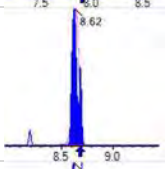
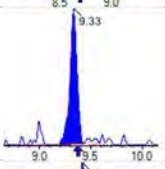
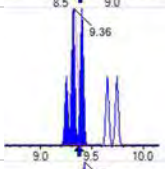
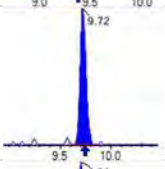
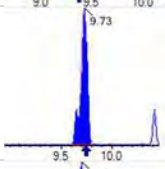
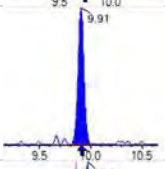
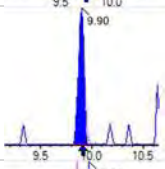
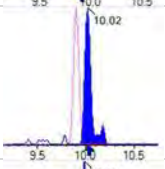
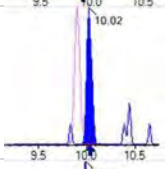
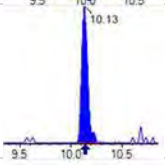
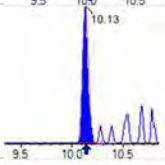
* Values outside of QC limitsL

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (2)
Acquired: 2022/12/15 - 15:06

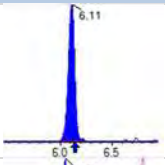
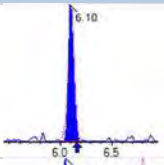
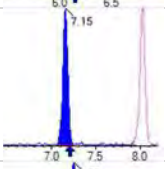
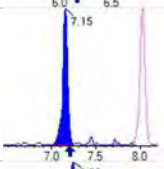
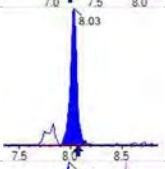
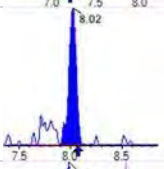
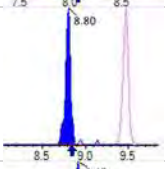
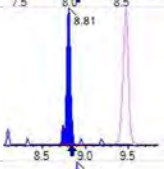
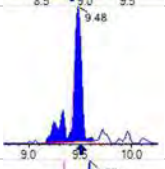
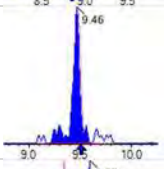
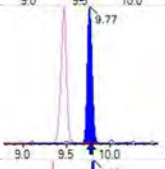
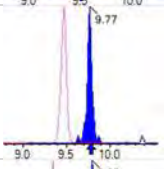
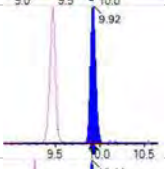
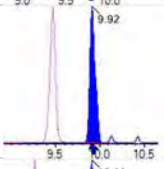
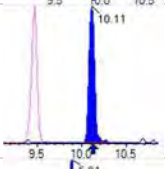
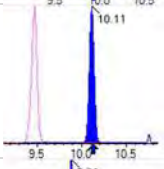
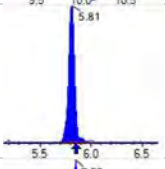
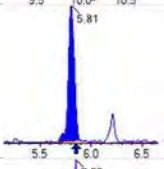
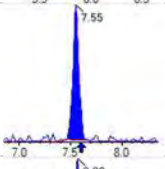
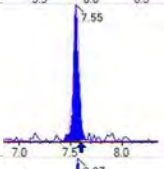
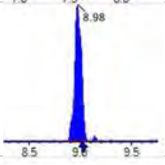
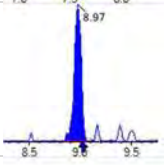
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) 24783	(3.69 , 1.00) (0.00 , N/A , 0.0)	39.4	N/A 0.0 0.0	0.4154 [0.4000]	103.8%			
PFPeA	(262.9 / 219.0) 19311 (262.9 / 69.0) 299	(4.99 , 1.00) (0.00 , N/A , 0.0)	152.2 14.1	0.0155 18155.7 138.8	0.2082 [0.2000]	104.1%			
PFHxA	(313.0 / 269.0) 14064 (313.0 / 119.0) 1286	(6.15 , 1.00) (0.00 , N/A , 0.1)	59.4 32.2	0.0914 93.2 98.7	0.1015 [0.1000]	101.5%			
PFHpA	(363.0 / 319.0) 12081 (363.0 / 169.0) 3385	(7.09 , 1.00) (0.00 , N/A , -0.6)	47.0 72.0	0.2802 89.7 94.4	0.0991 [0.1000]	99.1%			
PFOA	(413.0 / 369.0) 13130 (413.0 / 169.0) 5114	(7.90 , 1.00) (0.00 , N/A , -0.3)	46.0 82.2	0.3895 115.7 124.1	0.1002 [0.1000]	100.2%			
PFNA	(463.0 / 419.0) 10084 (463.0 / 169.0) 3628	(8.64 , 1.00) (-0.01 , N/A , 0.8)	31.7 57.4	0.3598 179.3 164.8	0.1176 [0.1000]	117.6%			IR2,
PFDA	(513.0 / 469.0) 16521 (513.0 / 169.0) 1375	(9.33 , 1.00) (0.00 , N/A , -1.7)	64.0 22.2	0.0832 104.6 86.4	0.1294 [0.1000]	129.4%			
PFUnA	(563.0 / 519.0) 20815 (563.0 / 169.0) 2110	(9.72 , 1.00) (0.00 , N/A , -0.6)	14.5 856.0	0.1014 90.5 91.4	0.1372 [0.1000]	137.2%			QC,
PFDoA	(613.0 / 569.0) 21170 (613.0 / 169.0) 3372	(9.91 , 1.00) (0.01 , N/A , 0.4)	95.2 83.5	0.1593 126.8 119.4	0.1152 [0.1000]	115.2%			
PFTrDA	(663.0 / 619.0) 18047 (663.0 / 169.0) 3178	(10.02 , 1.01) (N/A , -0.02 , -0.3)	75.5 68.1	0.1761 84.2 93.0	0.1190 [0.1000]	119.0%			
PFTeDA	(713.0 / 669.0) 12894 (713.0 / 169.0) 3460	(10.13 , 1.00) (0.00 , N/A , 0.2)	97.2 23.9	0.2684 118.2 162.2	0.0793 [0.1000]	79.3%			IR2,

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (2)
Acquired: 2022/12/15 - 15:06

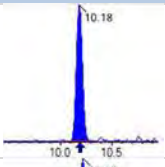
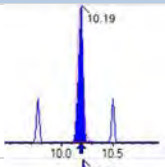
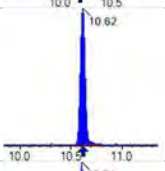
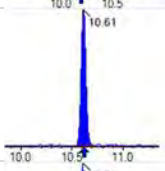
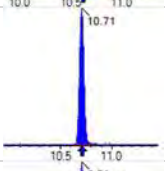
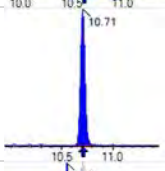
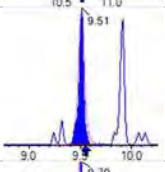
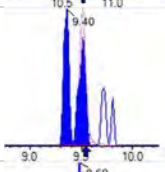
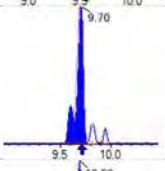
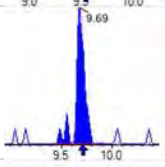
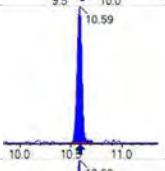
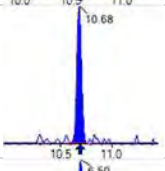
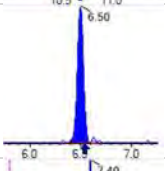
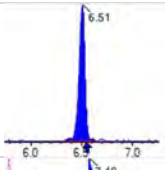
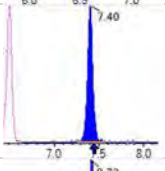
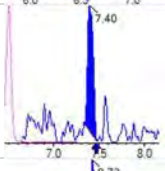
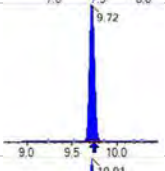
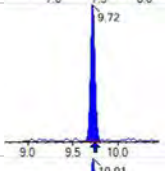
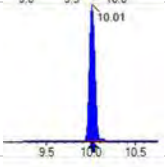
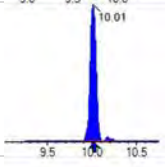
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) 19237 (298.9 / 99.0) 12915	(6.11 , 1.00) (0.00 , N/A , 0.5)	287.6 107.5	0.6714 98.7 102.0	0.0947 [0.0885]	107.0%			
PFPeS	(349.0 / 80.0) 32408 (349.0 / 99.0) 14525	(7.15 , 0.89) (N/A , -0.05 , 0.0)	240.3 170.0	0.4482 120.0 115.5	0.0795 [0.0938]	84.8%			
PFHxS	(399.0 / 80.0) 24222 (399.0 / 99.0) 8173	(8.03 , 1.00) (0.00 , N/A , 0.7)	307.7 97.6	0.3374 98.4 95.2	0.0701 [0.0911]	77.0%			
PFHpS	(449.0 / 80.0) 29132 (449.0 / 99.0) 9354	(8.80 , 0.93) (N/A , -0.05 , -0.3)	276.6 170.0	0.3211 109.4 121.8	0.1018 [0.0951]	107.0%			
PFOS	(499.0 / 80.0) 36348 (499.0 / 99.0) 10361	(9.48 , 1.00) (0.01 , N/A , 0.8)	81.1 96.2	0.2850 124.7 123.1	0.1025 [0.0927]	110.5%			
PFNS	(549.0 / 80.0) 36443 (549.0 / 99.0) 9536	(9.77 , 1.03) (N/A , -0.02 , 0.0)	214.7 140.3	0.2617 104.9 105.4	0.0893 [0.0960]	93.1%			
PFDS	(599.0 / 80.0) 55846 (599.0 / 99.0) 10899	(9.92 , 1.05) (N/A , 0.00 , 0.5)	500.1 340.9	0.1952 76.6 87.2	0.1109 [0.0963]	115.2%			
PFDoS	(698.9 / 80.0) 25631 (698.9 / 99.0) 7618	(10.11 , 1.07) (N/A , -0.01 , -0.1)	167.4 21805.8	0.2972 144.7 123.8	0.0975 [0.0970]	100.6%			
4:2FTS	(327.0 / 307.0) 28162 (327.0 / 81.0) 15381	(5.81 , 1.00) (0.00 , N/A , 0.1)	354.5 120.7	0.5461 109.2 97.5	0.3765 [0.3738]	100.7%			
6:2FTS	(427.0 / 407.0) 14884 (427.0 / 81.0) 11648	(7.55 , 1.00) (0.00 , N/A , 0.0)	96.9 89.8	0.7826 109.2 105.3	0.3607 [0.3796]	95.0%			
8:2FTS	(527.0 / 507.0) 16022 (527.0 / 81.0) 10330	(8.98 , 1.00) (0.00 , N/A , 0.1)	2838.9 71.1	0.6447 91.6 105.1	0.4825 [0.3833]	125.9%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (2)
Acquired: 2022/12/15 - 15:06

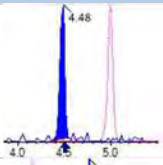
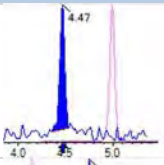
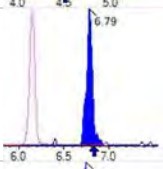
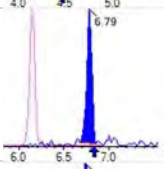
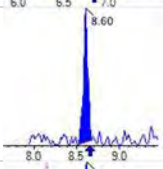
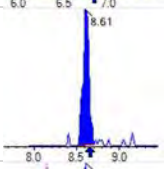
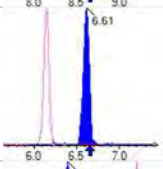
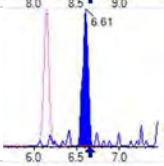
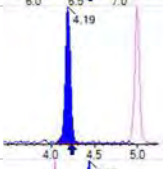
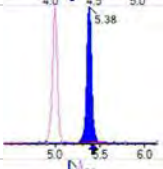
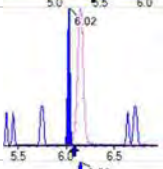
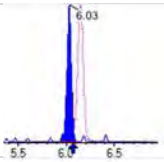
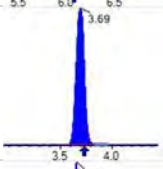
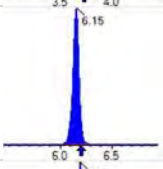
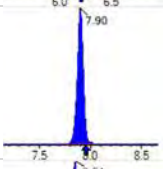
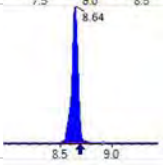
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 49569 (498.0 / 478.0) 1213	(10.18 , 1.00) (0.00 , N/A , -0.4)	180.6 919.2	0.0245 103.5 132.6	0.1081 [0.1000]	108.1%			
NMeFOSA	(511.9 / 219.0) 41332 (511.9 / 169.0) 26277	(10.62 , 1.00) (0.00 , N/A , 0.1)	433.9 337.8	0.6357 91.2 95.7	0.3910 [0.4000]	97.8%			
NEtFOSA	(526.0 / 219.0) 44758 (526.0 / 169.0) 53211	(10.71 , 1.00) (0.00 , N/A , 0.0)	633.8 586.3	1.1889 105.6 112.6	0.3939 [0.4000]	98.5%			
NMeFOSAA	(570.0 / 419.0) 4692 (570.0 / 483.0) 2787	(9.51 , 1.00) (0.00 , N/A , 6.8)	281.3 84708.1	0.5939 126.4 116.0	0.0879 [0.1000]	87.9%			
NEtFOSAA	(584.0 / 419.0) 5033 (584.0 / 526.0) 6632	(9.70 , 1.00) (0.01 , N/A , 1.1)	78.8 18445.6	1.3178 171.1 209.2	0.0825 [0.1000]	82.5%			IR2,
NMeFOSE	(616.1 / 59.0) 14238	(10.59 , 1.00) (0.01 , N/A , 0.0)	176.7	N/A 0.0 0.0	0.4214 [0.4000]	105.4%			
NEtFOSE	(630.0 / 59.0) 3338	(10.68 , 1.00) (0.00 , N/A , 0.0)	94.0	N/A 0.0 0.0	0.3819 [0.4000]	95.5%			
HFPO-DA	(285.0 / 169.0) 11808 (285.0 / 185.0) 35683	(6.50 , 1.00) (0.00 , N/A , -0.5)	289.3 241.9	3.0220 118.5 107.2	0.2002 [0.2000]	100.1%			
ADONA	(377.0 / 85.0) 43278 (377.0 / 251.0) 4823	(7.40 , 1.14) (N/A , -0.05 , 0.0)	296.1 25.1	0.1114 88.9 92.8	0.1770 [0.1885]	93.9%			
9Cl-Pf3ONS	(531.0 / 351.0) 124795 (533.0 / 353.0) 44209	(9.72 , 1.50) (N/A , -0.02 , 0.1)	354.3 162.8	0.3543 111.8 112.9	0.1800 [0.1867]	96.4%			
11Cl-PF3OUDS	(631.0 / 451.0) 84340 (633.0 / 453.0) 35678	(10.01 , 1.54) (N/A , -0.01 , -0.1)	680531.4 304.5	0.4230 144.6 134.0	0.1846 [0.1886]	97.9%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (2)
Acquired: 2022/12/15 - 15:06

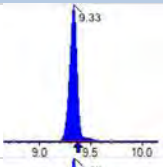
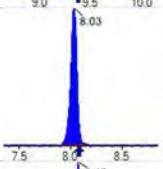
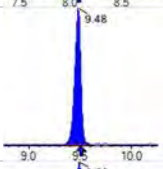
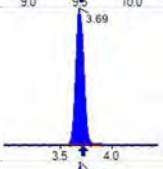
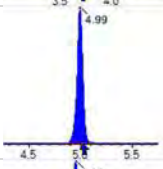
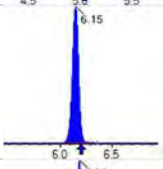
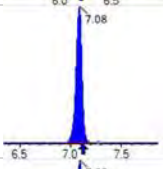
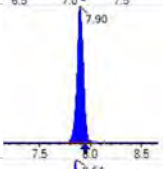
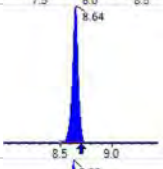
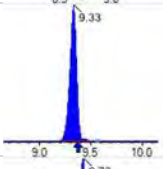
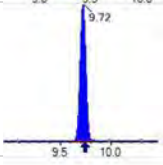
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 1561 (241.0 / 117.0) 2410	(4.48 , 0.90) (N/A , -0.03 , 0.7)	84.6 45.0	1.5440 0.1 89.5	0.3924 [0.4000]	98.1%			IR1,
5:3FTCA	(341.0 / 236.7) 11791 (341.0 / 217.0) 18887	(6.79 , 1.10) (N/A , -0.04 , 0.2)	179.5 89.0	1.6018 101.4 93.1	0.4177 [0.4000]	104.4%			
7:3FTCA	(441.0 / 317.0) 11961 (441.0 / 337.0) 10696	(8.60 , 1.40) (N/A , -0.05 , -0.6)	43.4 77.2	0.8943 110.0 106.2	0.3755 [0.4000]	93.9%			
PFEESA	(315.0 / 135.0) 23684 (315.0 / 83.0) 7674	(6.61 , 1.08) (N/A , -0.04 , 0.6)	283.4 49.4	0.3240 114.6 109.1	0.1664 [0.1785]	93.2%			
PFMPA	(229.0 / 85.0) 4829	(4.19 , 0.84) (N/A , -0.04 , 0.0)	186.6	N/A 0.0 0.0	0.1929 [0.2000]	96.5%			
PFMBA	(279.0 / 85.0) 17845	(5.38 , 1.08) (N/A , -0.04 , 0.0)	362.2	N/A 0.0 0.0	0.2184 [0.2000]	109.2%			
NFDHA	(201.0 / 85.0) 344 (295.0 / 201.0) 5275	(6.02 , 0.98) (N/A , -0.05 , -0.3)	50.5 132.7	15.3165 1.9 221.4	0.0098 [0.2000]	4.9%			QC,IR1,IR2,
13C3_PFBA_IIS	(216.0 / 172.0) 83927	(3.69 , N/A) (N/A , -0.02 , N/A)	663.0	N/A	0.9599 [1.0000]	96.0% { 96.0% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 131572	(6.15 , N/A) (N/A , -0.04 , N/A)	540.7	N/A	1.0000 [1.0000]	100.0% { 104.4% }			
13C4_PFOA_IIS	(417.0 / 372.0) 121409	(7.90 , N/A) (N/A , -0.04 , N/A)	692.1	N/A	0.9700 [1.0000]	97.0% { 90.2% }			
13C5_PFNA_IIS	(468.0 / 423.0) 82026	(8.64 , N/A) (N/A , -0.05 , N/A)	350.8	N/A	0.8218 [1.0000]	82.2% { 81.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (2)
Acquired: 2022/12/15 - 15:06

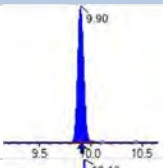
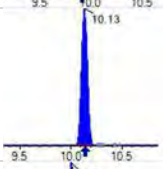
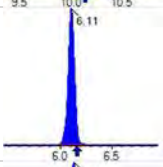
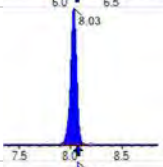
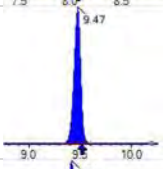
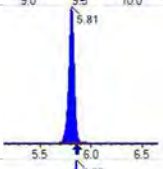
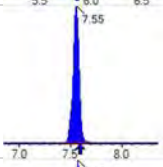
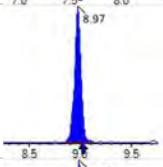
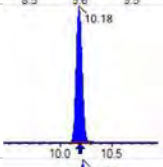
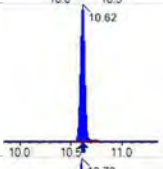
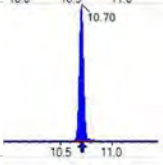
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 90110	(9.33 , N/A) (N/A , -0.04 , N/A)	314.8	N/A	0.8689 [1.0000]	86.9% { 80.7% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 236127	(8.03 , N/A) (N/A , -0.05 , N/A)	817.0	N/A	0.9981 [1.0000]	99.8% { 96.2% }			
13C4_PFOS_IIS	(502.8 / 79.9) 194287	(9.48 , N/A) (N/A , -0.03 , N/A)	275.4	N/A	0.9684 [1.0000]	96.8% { 92.7% }			
13C4_PFBA_EIS	(217.0 / 172.0) 718620	(3.69 , N/A) (N/A , -0.03 , N/A)	910.1	N/A	8.2703 [8.0000]	103.4% { 96.4% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 409725	(4.99 , N/A) (N/A , -0.04 , N/A)	1096.2	N/A	4.2299 [4.0000]	105.7% { 104.5% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 305569	(6.15 , N/A) (N/A , -0.04 , N/A)	659.7	N/A	1.9729 [2.0000]	98.6% { 105.0% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 270148	(7.08 , N/A) (N/A , -0.04 , N/A)	597.4	N/A	1.9742 [2.0000]	98.7% { 97.5% }			
13C8_PFOA_EIS	(421.0 / 376.0) 276406	(7.90 , N/A) (N/A , -0.04 , N/A)	745.5	N/A	2.0603 [2.0000]	103.0% { 103.1% }			
13C9_PFNA_EIS	(472.0 / 427.0) 101495	(8.64 , N/A) (N/A , -0.04 , N/A)	476.9	N/A	1.1328 [1.0000]	113.3% { 95.4% }			
13C6_PFDA_EIS	(519.0 / 474.0) 138529	(9.33 , N/A) (N/A , -0.04 , N/A)	348.9	N/A	1.1345 [1.0000]	113.5% { 103.8% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 203539	(9.72 , N/A) (N/A , -0.01 , N/A)	724.3	N/A	1.1577 [1.0000]	115.8% { 103.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (2)
Acquired: 2022/12/15 - 15:06

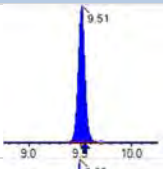
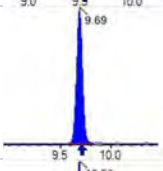
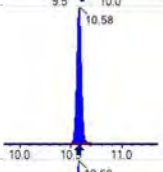
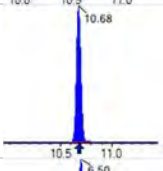
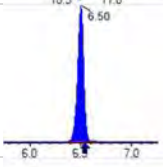
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 229396	(9.90 , N/A) (N/A , -0.01 , N/A)	434.7	N/A	1.1570 [1.0000]	115.7% { 89.1% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 169787	(10.13 , N/A) (N/A , -0.01 , N/A)	357.5	N/A	1.4090 [1.0000]	140.9% { 116.8% }			
13C3_PFBS_EIS	(302.0 / 80.0) 744101	(6.11 , N/A) (N/A , -0.04 , N/A)	844.8	N/A	1.9295 [2.0000]	96.5% { 104.3% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 434373	(8.03 , N/A) (N/A , -0.05 , N/A)	797.6	N/A	2.1719 [2.0000]	108.6% { 106.7% }			
13C8_PFOS_EIS	(507.0 / 80.0) 645546	(9.47 , N/A) (N/A , -0.03 , N/A)	548.2	N/A	2.0227 [2.0000]	101.1% { 113.2% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 93812	(5.81 , N/A) (N/A , -0.05 , N/A)	584.5	N/A	4.3141 [4.0000]	107.9% { 111.4% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 106891	(7.55 , N/A) (N/A , -0.04 , N/A)	923.7	N/A	3.8357 [4.0000]	95.9% { 97.3% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 90626	(8.97 , N/A) (N/A , -0.05 , N/A)	353.1	N/A	3.6274 [4.0000]	90.7% { 108.7% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 921239	(10.18 , N/A) (N/A , -0.01 , N/A)	714.0	N/A	1.9834 [2.0000]	99.2% { 99.6% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 264979	(10.62 , N/A) (N/A , -0.01 , N/A)	743.5	N/A	2.2900 [2.0000]	114.5% { 107.7% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 249195	(10.70 , N/A) (N/A , -0.01 , N/A)	1327.6	N/A	2.3063 [2.0000]	115.3% { 101.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (2)
Acquired: 2022/12/15 - 15:06

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 294766	(9.51 , N/A) (N/A , -0.03 , N/A)	351.5	N/A	3.9373 [4.0000]	98.4% { 98.6% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 270793	(9.69 , N/A) (N/A , -0.02 , N/A)	425.5	N/A	4.3522 [4.0000]	108.8% { 99.8% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 530664	(10.58 , N/A) (N/A , -0.01 , N/A)	793.7	N/A	23.8412 [20.0000]	119.2% { 105.7% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 273859	(10.68 , N/A) (N/A , -0.01 , N/A)	1167.8	N/A	22.8483 [20.0000]	114.2% { 98.3% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 772196	(6.50 , N/A) (N/A , -0.04 , N/A)	812.2	N/A	8.1885 [8.0000]	102.4% { 97.4% }			

LOW-CONCENTRATION CALIBRATION VERIFICATIONW

Table B-15W

Laboratory:WAPPL, L CL

SDG:W

Client:W Tidewater, Inc.L

Project:WNASA JPL

Calibration:W2251019L

Laboratory ID:WSB03860-LCV1L

Sequence:WSB03860L

Standard ID:W22L0300L

ANALYTEW	EXPECTEDW (ng/mL)W	FOUNDW (ng/mL)W	% DRIFTW	QC LIMITW
PFBAL	0.400L	0.364L	-8.9L	30.00L
PFPEAL	0.200L	0.183L	-8.3L	30.00L
PFHXAL	0.100L	0.119L	19.3L	30.00L
PFHPAL	0.100L	0.114L	14.2L	30.00L
PFOAL	0.100L	0.126L	25.6L	30.00L
PFNAL	0.100L	0.113L	13.3L	30.00L
PFDAL	0.100L	0.194L	93.7L *	30.00L
PFUnAL	0.100L	0.121L	20.6L	30.00L
PFDOAL	0.100L	0.0661L	-33.9L *	30.00L
PFTRDAL	0.100L	0.0921L	-7.9L	30.00L
PFTEDAL	0.100L	0.0701L	-29.9L	30.00L
PFBSL	0.0885L	0.0971L	9.7L	30.00L
PFPESL	0.0940L	0.0922L	-1.9L	30.00L
PFHXSL	0.0915L	0.0877L	-4.2L	30.00L
PFHPSL	0.0955L	0.109L	14.6L	30.00L
PFOSL	0.0930L	0.0816L	-12.3L	30.00L
PFNSL	0.0960L	0.0896L	-6.7L	30.00L
PFDSL	0.0965L	0.104L	7.7L	30.00L
4:2FTSL	0.375L	0.372L	-0.9L	30.00L
6:2FTSL	0.380L	0.385L	1.4L	30.00L
8:2FTSL	0.384L	0.449L	17.0L	30.00L
PFOSAL	0.100L	0.0889L	-11.1L	30.00L
NMeFOSAL	0.400L	0.448L	11.9L	30.00L
NEtFOSAL	0.400L	0.422L	5.5L	30.00L
NMeFOSAAL	0.100L	0.128L	28.5L	30.00L
NEtFOSAAL	0.100L	0.124L	24.2L	30.00L
NMeFOSEL	0.400L	0.458L	14.6L	30.00L
NEtFOSEL	0.400L	0.433L	8.4L	30.00L

LOW-CONCENTRATION CALIBRATION VERIFICATIONW

Table B-15W

Laboratory:WAPPL, L CL

SDG:W

Client:W Tidewater, Inc.L

Project:WNASA JPL

Calibration:W2251019L

Laboratory ID:WSB03860-LCV1L

Sequence:WSB03860L

Standard ID:W22L0300L

HFPO-DAL	0.200L	0.274L	36.8L *L	30.00L
ADONAL	0.189L	0.212L	12.1L	30.00L
9CL-PF3ONSL	0.187L	0.217L	15.9L	30.00L
11CL-PF3OUDSL	0.189L	0.177L	-6.4L	30.00L

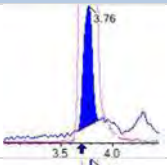
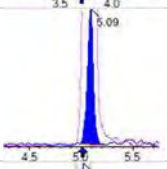
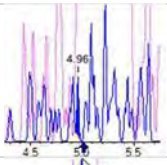
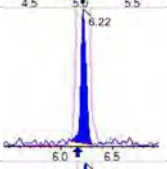
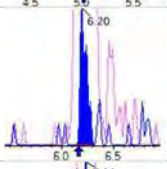
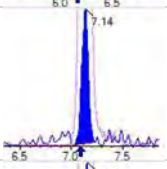
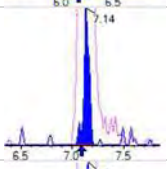
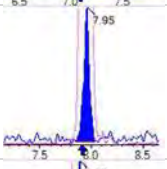
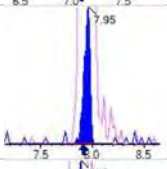
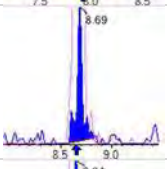
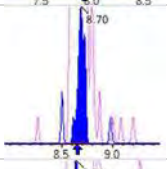
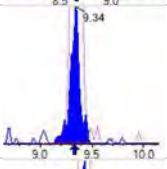
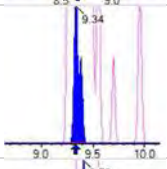
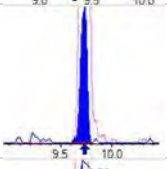
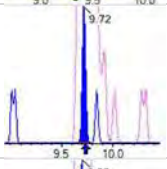
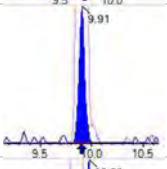
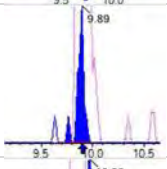
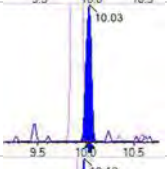
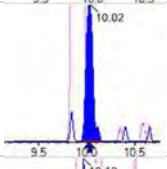
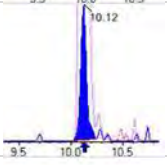
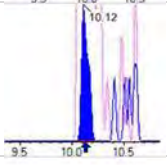
* Values outside of QC limitsL

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (2)
Acquired: 2022/12/15 - 23:47

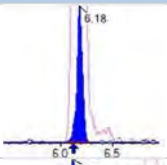
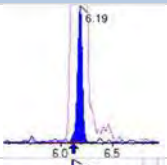
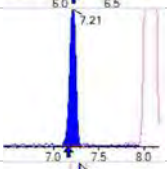
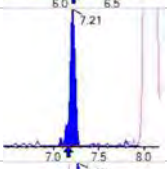
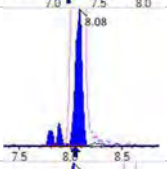
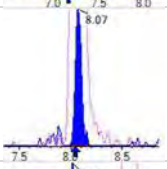
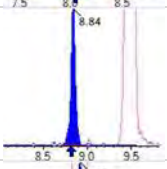
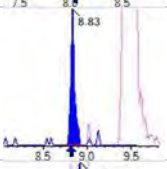
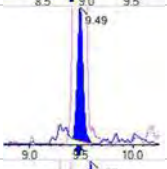
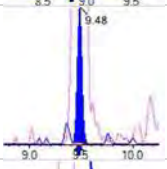
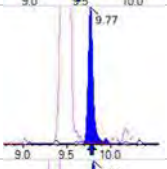
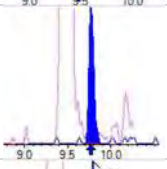
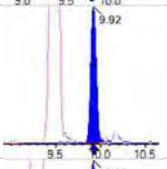
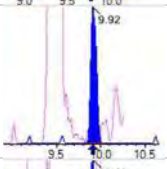
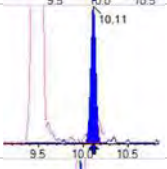
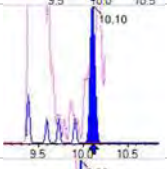
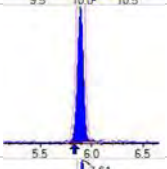
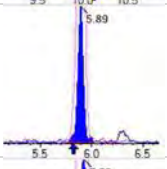
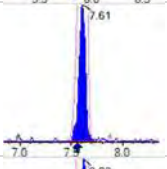
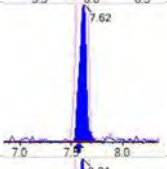
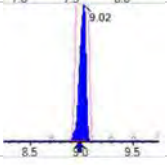
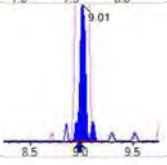
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) 20236	(3.76 , 1.00) (0.00 , N/A , 0.0)	31.3	N/A 0.0 0.0	0.3642 [0.4000]	91.1%			
PFPeA	(262.9 / 219.0) 16203 (262.9 / 69.0) 29	(5.09 , 1.00) (0.01 , N/A , 7.9)	152.0 3.7	0.0018 2084.0 14.6	0.1833 [0.2000]	91.7%			
PFHxA	(313.0 / 269.0) 15944 (313.0 / 119.0) 1487	(6.22 , 1.00) (0.00 , N/A , 0.8)	82.1 28.8	0.0932 95.1 96.1	0.1193 [0.1000]	119.3%			
PFHpA	(363.0 / 319.0) 13457 (363.0 / 169.0) 5095	(7.14 , 1.00) (-0.01 , N/A , -0.3)	46.2 67.7	0.3786 121.2 136.2	0.1142 [0.1000]	114.2%			
PFOA	(413.0 / 369.0) 15734 (413.0 / 169.0) 4891	(7.95 , 1.00) (0.01 , N/A , 0.1)	62.2 95.6	0.3108 92.3 97.5	0.1256 [0.1000]	125.6%			
PFNA	(463.0 / 419.0) 9613 (463.0 / 169.0) 2450	(8.69 , 1.00) (0.01 , N/A , -0.7)	43.3 21.4	0.2549 127.0 124.6	0.1133 [0.1000]	113.3%			
PFDA	(513.0 / 469.0) 19914 (513.0 / 169.0) 828	(9.34 , 1.00) (-0.02 , N/A , -0.1)	51.3 678.9	0.0416 52.3 45.7	0.1937 [0.1000]	193.7%			QC,IR1,
PFUnA	(563.0 / 519.0) 16840 (563.0 / 169.0) 796	(9.73 , 1.00) (0.00 , N/A , 0.5)	92.6 117.0	0.0473 42.2 55.1	0.1206 [0.1000]	120.6%			IR1,
PFDoA	(613.0 / 569.0) 11603 (613.0 / 169.0) 2764	(9.91 , 1.00) (0.00 , N/A , 0.9)	467064.3 198.1	0.2382 189.7 194.7	0.0661 [0.1000]	66.1%			QC,IR2,
PFTrDA	(663.0 / 619.0) 13350 (663.0 / 169.0) 6036	(10.03 , 1.01) (N/A , 0.02 , 0.3)	87.1 87.7	0.4521 216.3 198.3	0.0921 [0.1000]	92.1%			IR2,
PFTeDA	(713.0 / 669.0) 9812 (713.0 / 169.0) 1253	(10.12 , 1.00) (0.00 , N/A , 0.1)	74.6 17.6	0.1277 56.3 71.7	0.0701 [0.1000]	70.1%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (2)
Acquired: 2022/12/15 - 23:47

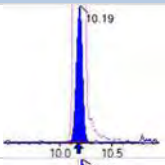
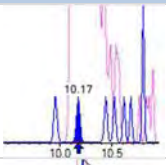
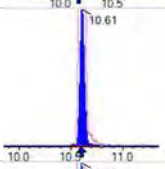
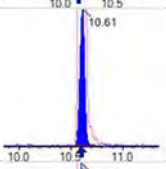
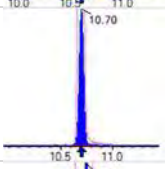
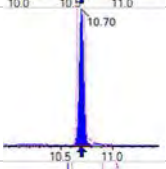
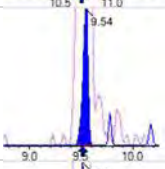
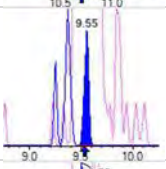
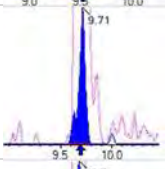
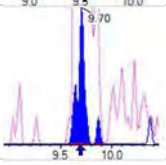
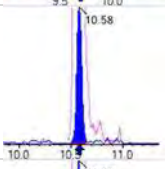
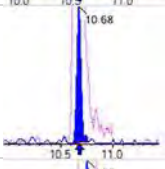
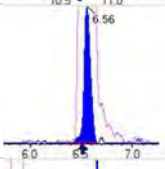
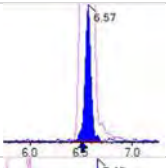
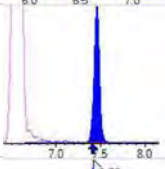
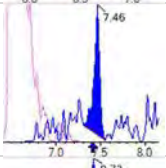
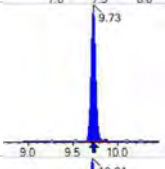
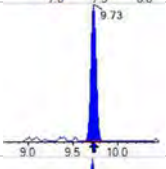
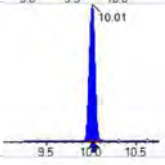
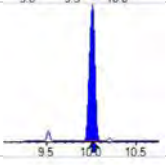
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) 18959 (298.9 / 99.0) 12820	(6.18 , 1.00) (0.00 , N/A , -0.2)	277.2 164.6	0.6762 99.4 101.8	0.0971 [0.0885]	109.8%			
PFPeS	(349.0 / 80.0) 34072 (349.0 / 99.0) 13897	(7.21 , 0.89) (N/A , 0.08 , 0.1)	233.8 144.1	0.4079 109.2 119.2	0.0922 [0.0938]	98.3%			
PFHxS	(399.0 / 80.0) 27454 (399.0 / 99.0) 8612	(8.08 , 1.00) (0.00 , N/A , 0.3)	414.5 560.5	0.3137 91.5 94.8	0.0877 [0.0911]	96.2%			
PFHpS	(449.0 / 80.0) 29320 (449.0 / 99.0) 6613	(8.84 , 0.93) (N/A , 0.07 , 0.4)	232.7 86.5	0.2255 76.9 82.8	0.1094 [0.0951]	115.0%			
PFOS	(499.0 / 80.0) 27113 (499.0 / 99.0) 8998	(9.49 , 1.00) (0.00 , N/A , 0.3)	66.4 77.3	0.3319 145.2 153.0	0.0816 [0.0927]	88.0%			IR2,
PFNS	(549.0 / 80.0) 34232 (549.0 / 99.0) 11244	(9.77 , 1.03) (N/A , 0.02 , 0.0)	136.8 78.3	0.3285 131.6 124.6	0.0896 [0.0960]	93.3%			
PFDS	(599.0 / 80.0) 49001 (599.0 / 99.0) 10605	(9.92 , 1.05) (N/A , 0.02 , 0.1)	233.8 236.6	0.2164 84.9 99.1	0.1039 [0.0963]	107.9%			
PFDoS	(698.9 / 80.0) 21873 (698.9 / 99.0) 2855	(10.11 , 1.07) (N/A , 0.02 , 0.6)	143.2 52.9	0.1305 63.5 55.3	0.0889 [0.0970]	91.7%			
4:2FTS	(327.0 / 307.0) 26287 (327.0 / 81.0) 17447	(5.89 , 1.00) (-0.01 , N/A , -0.1)	357.0 126.2	0.6637 132.8 112.6	0.3718 [0.3738]	99.5%			
6:2FTS	(427.0 / 407.0) 16976 (427.0 / 81.0) 14204	(7.61 , 1.00) (0.00 , N/A , -0.5)	169.1 139.9	0.8367 116.8 120.2	0.3852 [0.3796]	101.5%			
8:2FTS	(527.0 / 507.0) 12505 (527.0 / 81.0) 8366	(9.02 , 1.00) (0.01 , N/A , 0.2)	80.0 92.3	0.6690 95.1 105.3	0.4492 [0.3833]	117.2%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (2)
Acquired: 2022/12/15 - 23:47

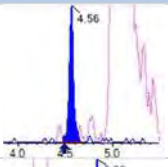
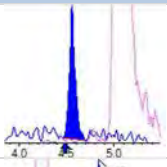
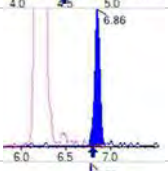
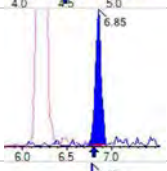
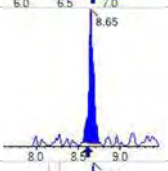
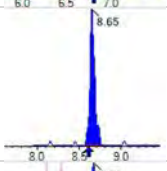
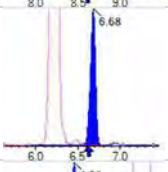
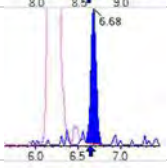
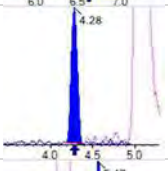
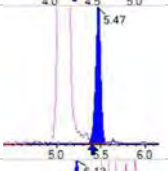
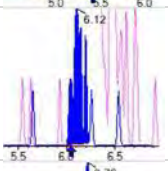
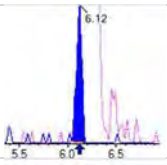
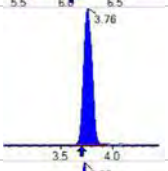
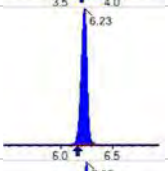
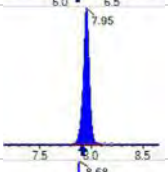
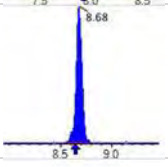
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 40924 (498.0 / 478.0) 303	(10.19 , 1.00) (0.01 , N/A , 0.7)	158.9 10.2	0.0074 31.4 31.9	0.0889 [0.1000]	88.9%			
NMeFOSA	(511.9 / 219.0) 44091 (511.9 / 169.0) 27270	(10.61 , 1.00) (0.00 , N/A , -0.1)	459.3 515.8	0.6185 88.7 91.5	0.4475 [0.4000]	111.9%			
NEtFOSA	(526.0 / 219.0) 48472 (526.0 / 169.0) 47380	(10.70 , 1.00) (0.00 , N/A , 0.0)	673.0 402.5	0.9775 86.8 93.3	0.4220 [0.4000]	105.5%			
NMeFOSAA	(570.0 / 419.0) 5983 (570.0 / 483.0) 1081	(9.54 , 1.00) (0.01 , N/A , -0.7)	259.3 61.1	0.1807 38.5 29.2	0.1285 [0.1000]	128.5%			IR1,
NEtFOSAA	(584.0 / 419.0) 7415 (584.0 / 526.0) 3190	(9.71 , 1.00) (0.02 , N/A , 0.5)	545.6 1292.4	0.4302 55.9 65.3	0.1242 [0.1000]	124.2%			
NMeFOSE	(616.1 / 59.0) 14317	(10.58 , 1.00) (0.00 , N/A , 0.0)	127.3	N/A 0.0 0.0	0.4585 [0.4000]	114.6%			
NEtFOSE	(630.0 / 59.0) 3708	(10.68 , 1.00) (0.01 , N/A , 0.0)	107.1	N/A 0.0 0.0	0.4334 [0.4000]	108.4%			
HFPO-DA	(285.0 / 169.0) 15258 (285.0 / 185.0) 29094	(6.56 , 1.00) (-0.01 , N/A , -0.5)	24.0 259.2	1.9068 74.8 69.1	0.2736 [0.2000]	136.8%			QC,
ADONA	(377.0 / 85.0) 48963 (377.0 / 251.0) 4154	(7.46 , 1.14) (N/A , 0.08 , -0.3)	388.6 24.2	0.0848 67.6 65.2	0.2118 [0.1885]	112.3%			
9Cl-Pf3ONS	(531.0 / 351.0) 142046 (533.0 / 353.0) 36543	(9.73 , 1.48) (N/A , 0.02 , -0.2)	300.4 134.6	0.2573 81.2 82.1	0.2167 [0.1867]	116.1%			
11Cl-PF3OUDS	(631.0 / 451.0) 76395 (633.0 / 453.0) 27271	(10.01 , 1.52) (N/A , 0.02 , -0.1)	679.9 566.5	0.3570 122.0 116.7	0.1768 [0.1886]	93.7%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (2)
Acquired: 2022/12/15 - 23:47

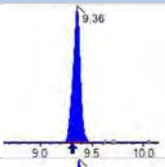
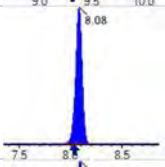
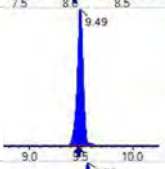
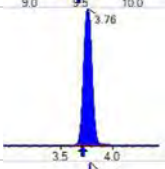
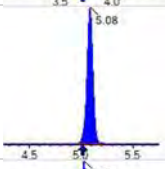
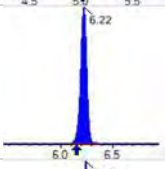
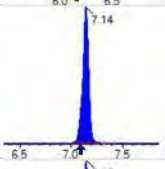
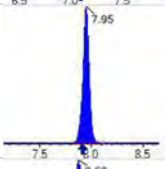
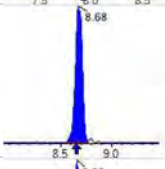
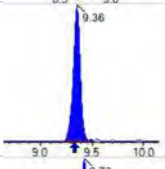
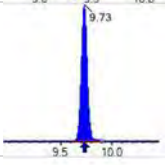
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 1186 (241.0 / 117.0) 2896	(4.56 , 0.90) (N/A , 0.10 , 0.5)	96.9 48.4	2.4425 0.2 146.8	0.3127 [0.4000]	78.2%			IR1,
5:3FTCA	(341.0 / 236.7) 10916 (341.0 / 217.0) 18217	(6.86 , 1.10) (N/A , 0.09 , 0.1)	136.6 82.5	1.6689 105.6 104.6	0.4010 [0.4000]	100.3%			
7:3FTCA	(441.0 / 317.0) 15681 (441.0 / 337.0) 11964	(8.65 , 1.39) (N/A , 0.07 , -0.1)	49.7 253.7	0.7630 93.8 85.6	0.5104 [0.4000]	127.6%			
PFEESA	(315.0 / 135.0) 25162 (315.0 / 83.0) 7769	(6.68 , 1.07) (N/A , 0.09 , 0.0)	300.4 62.4	0.3088 109.2 112.2	0.1833 [0.1785]	102.7%			
PFMPA	(229.0 / 85.0) 4191	(4.28 , 0.84) (N/A , 0.09 , 0.0)	154.1	N/A 0.0 0.0	0.1757 [0.2000]	87.8%			
PFMBA	(279.0 / 85.0) 14456	(5.47 , 1.08) (N/A , 0.10 , 0.0)	417.5	N/A 0.0 0.0	0.1856 [0.2000]	92.8%			
NFDHA	(201.0 / 85.0) 772 (295.0 / 201.0) 2631	(6.12 , 0.98) (N/A , 0.11 , 0.0)	24.8 79.5	3.4055 0.4 42.7	0.1770 [0.2000]	88.5%			IR1,
13C3_PFBA_IIS	(216.0 / 172.0) 76891	(3.76 , N/A) (N/A , 0.08 , N/A)	780.3	N/A	0.8795 [1.0000]	87.9% { 92.4% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 113665	(6.23 , N/A) (N/A , 0.09 , N/A)	631.1	N/A	0.8639 [1.0000]	86.4% { 86.1% }			
13C4_PFOA_IIS	(417.0 / 372.0) 114179	(7.95 , N/A) (N/A , 0.08 , N/A)	537.7	N/A	0.9122 [1.0000]	91.2% { 93.2% }			
13C5_PFNA_IIS	(468.0 / 423.0) 92587	(8.68 , N/A) (N/A , 0.06 , N/A)	514.2	N/A	0.9276 [1.0000]	92.8% { 96.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (2)
Acquired: 2022/12/15 - 23:47

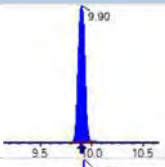
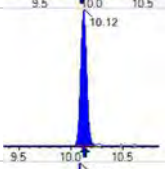
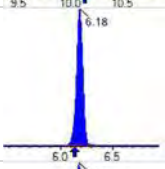
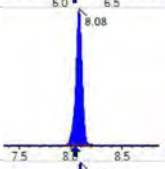
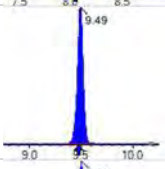
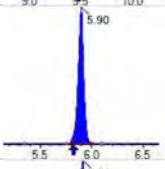
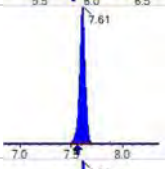
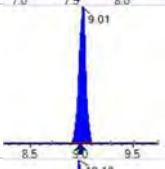
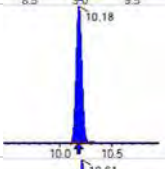
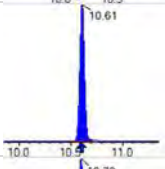
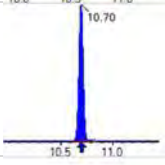
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 90467	(9.36 , N/A) (N/A , 0.06 , N/A)	302.2	N/A	0.8724 [1.0000]	87.2% { 90.6% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 208137	(8.08 , N/A) (N/A , 0.08 , N/A)	837.5	N/A	0.8798 [1.0000]	88.0% { 93.7% }			
13C4_PFOS_IIS	(502.8 / 79.9) 180765	(9.49 , N/A) (N/A , 0.05 , N/A)	424.5	N/A	0.9010 [1.0000]	90.1% { 91.4% }			
13C4_PFBA_EIS	(217.0 / 172.0) 669175	(3.76 , N/A) (N/A , 0.08 , N/A)	847.6	N/A	8.4060 [8.0000]	105.1% { 99.6% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 390531	(5.08 , N/A) (N/A , 0.10 , N/A)	978.7	N/A	4.6669 [4.0000]	116.7% { 102.6% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 294694	(6.22 , N/A) (N/A , 0.09 , N/A)	852.6	N/A	2.2024 [2.0000]	110.1% { 103.4% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 260930	(7.14 , N/A) (N/A , 0.09 , N/A)	561.4	N/A	2.2072 [2.0000]	110.4% { 99.8% }			
13C8_PFOA_EIS	(421.0 / 376.0) 264428	(7.95 , N/A) (N/A , 0.07 , N/A)	635.2	N/A	2.0959 [2.0000]	104.8% { 104.9% }			
13C9_PFNA_EIS	(472.0 / 427.0) 100424	(8.68 , N/A) (N/A , 0.07 , N/A)	432.4	N/A	0.9930 [1.0000]	99.3% { 106.5% }			
13C6_PFDA_EIS	(519.0 / 474.0) 111510	(9.36 , N/A) (N/A , 0.06 , N/A)	240.9	N/A	0.9096 [1.0000]	91.0% { 85.4% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 187286	(9.73 , N/A) (N/A , 0.03 , N/A)	290.8	N/A	1.0611 [1.0000]	106.1% { 125.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (2)
Acquired: 2022/12/15 - 23:47

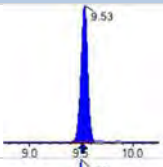
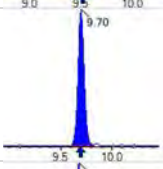
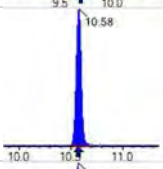
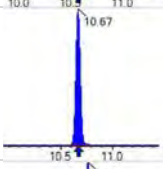
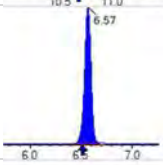
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 219230	(9.90 , N/A) (N/A , 0.03 , N/A)	514.6	N/A	1.1014 [1.0000]	110.1% { 90.6% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 146311	(10.12 , N/A) (N/A , 0.01 , N/A)	296.4	N/A	1.2094 [1.0000]	120.9% { 110.4% }			
13C3_PFBS_EIS	(302.0 / 80.0) 714849	(6.18 , N/A) (N/A , 0.09 , N/A)	816.8	N/A	2.1029 [2.0000]	105.1% { 96.0% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 393789	(8.08 , N/A) (N/A , 0.08 , N/A)	775.5	N/A	2.2338 [2.0000]	111.7% { 109.3% }			
13C8_PFOS_EIS	(507.0 / 80.0) 604627	(9.49 , N/A) (N/A , 0.05 , N/A)	449.4	N/A	2.0362 [2.0000]	101.8% { 97.5% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 88678	(5.90 , N/A) (N/A , 0.09 , N/A)	529.3	N/A	4.6264 [4.0000]	115.7% { 97.2% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 114179	(7.61 , N/A) (N/A , 0.08 , N/A)	811.7	N/A	4.6482 [4.0000]	116.2% { 102.9% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 75976	(9.01 , N/A) (N/A , 0.06 , N/A)	317.3	N/A	3.4500 [4.0000]	86.2% { 71.2% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 925243	(10.18 , N/A) (N/A , 0.02 , N/A)	699.2	N/A	2.1410 [2.0000]	107.1% { 101.2% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 246957	(10.61 , N/A) (N/A , 0.01 , N/A)	825.8	N/A	2.2939 [2.0000]	114.7% { 102.4% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 251894	(10.70 , N/A) (N/A , 0.01 , N/A)	1199.9	N/A	2.5056 [2.0000]	125.3% { 107.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (2)
Acquired: 2022/12/15 - 23:47

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 257010	(9.53 , N/A) (N/A , 0.05 , N/A)	377.6	N/A	3.6898 [4.0000]	92.2% { 93.6% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 265009	(9.70 , N/A) (N/A , 0.03 , N/A)	443.2	N/A	4.5778 [4.0000]	114.4% { 109.4% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 490458	(10.58 , N/A) (N/A , 0.01 , N/A)	833.8	N/A	23.6832 [20.0000]	118.4% { 106.6% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 268015	(10.67 , N/A) (N/A , 0.01 , N/A)	1193.8	N/A	24.0334 [20.0000]	120.2% { 98.8% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 730148	(6.57 , N/A) (N/A , 0.09 , N/A)	800.8	N/A	8.9624 [8.0000]	112.0% { 102.3% }			

LOW-CONCENTRATION CALIBRATION VERIFICATIONW

Table B-15W

Laboratory:WAPPL, L CL

SDG:W

Client:W Tidewater, Inc.L

Project:WNASA JPL

Calibration:W2253011L

Laboratory ID:WSB04003-LCV1L

Sequence:WSB04003L

Standard ID:W22L0444L

ANALYTEW	EXPECTEDW (ng/mL)W	FOUNDW (ng/mL)W	% DRIFTW	QC LIMITW
PFBAL	0.400L	0.430L	7.4L	30.00L
PFPEAL	0.200L	0.184L	-7.9L	30.00L
PFHXAL	0.100L	0.0934L	-6.6L	30.00L
PFHPAL	0.100L	0.0878L	-12.2L	30.00L
PFOAL	0.100L	0.0950L	-5.0L	30.00L
PFNAL	0.100L	0.0902L	-9.8L	30.00L
PFDAL	0.100L	0.106L	6.3L	30.00L
PFUnAL	0.100L	0.0903L	-9.7L	30.00L
PFDOAL	0.100L	0.102L	2.0L	30.00L
PFTRDAL	0.100L	0.115L	14.5L	30.00L
PFTEDAL	0.100L	0.0740L	-26.0L	30.00L
PFBSL	0.0885L	0.0778L	-12.1L	30.00L
PFPESL	0.0940L	0.0909L	-3.3L	30.00L
PFHXSL	0.0915L	0.0909L	-0.7L	30.00L
PFHPSL	0.0955L	0.0803L	-15.9L	30.00L
PFOSL	0.0930L	0.0912L	-2.0L	30.00L
PFNSL	0.0960L	0.0978L	1.9L	30.00L
PFDSL	0.0965L	0.0882L	-8.6L	30.00L
4:2FTSL	0.375L	0.421L	12.4L	30.00L
6:2FTSL	0.380L	0.394L	3.6L	30.00L
8:2FTSL	0.384L	0.318L	-17.1L	30.00L
PFOSAL	0.100L	0.0990L	-1.0L	30.00L
NMeFOSAL	0.400L	0.374L	-6.6L	30.00L
NEtFOSAL	0.400L	0.371L	-7.3L	30.00L
NMeFOSAAL	0.100L	0.126L	26.5L	30.00L
NEtFOSAAL	0.100L	0.114L	14.3L	30.00L
NMeFOSEL	0.400L	0.385L	-3.9L	30.00L
NEtFOSEL	0.400L	0.376L	-5.9L	30.00L

LOW-CONCENTRATION CALIBRATION VERIFICATIONW

Table B-15W

Laboratory:WAPPL, L CL

SDG:W

Client:W Tidewater, Inc.L

Project:WNASA JPL

Calibration:W2253011L

Laboratory ID:WSB04003-LCV1L

Sequence:WSB04003L

Standard ID:W22L0444L

HFPO-DAL	0.200L	0.175L	-12.5L	30.00L
ADONAL	0.189L	0.198L	4.8L	30.00L
9CL-PF3ONSL	0.187L	0.166L	-11.3L	30.00L
11CL-PF3OUDSL	0.189L	0.214L	13.1L	30.00L

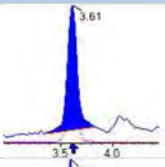
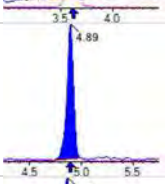
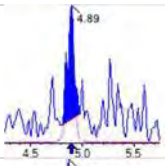
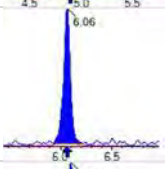
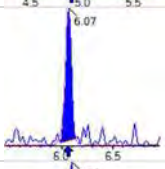
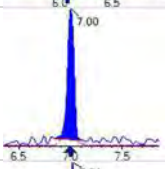
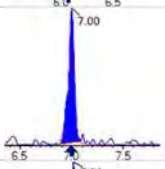
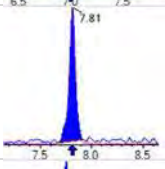
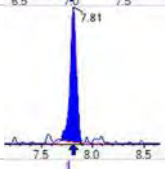
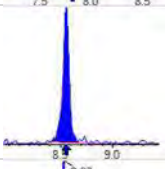
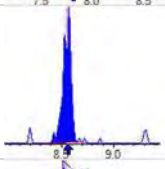
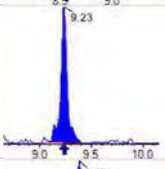
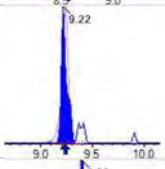
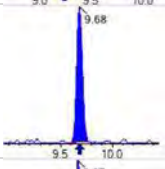
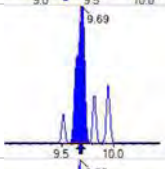
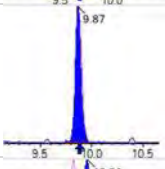
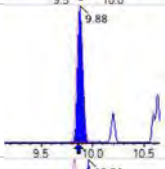
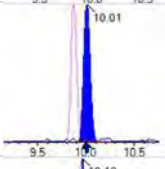
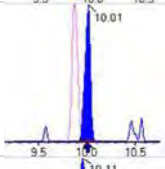
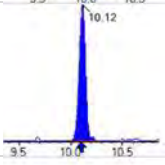
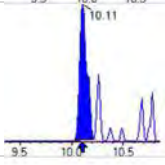
* Values outside of QC limitsL

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (2)
Acquired: 2022/12/30 - 04:15

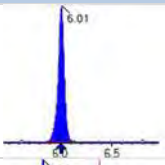
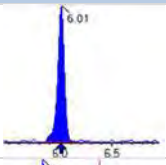
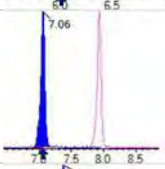
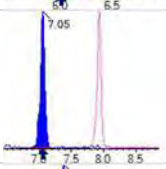
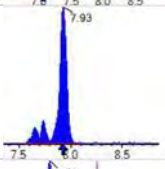
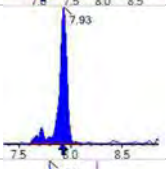
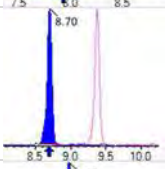
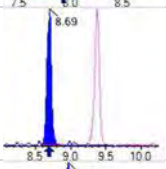
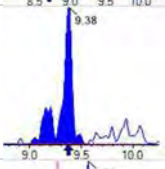
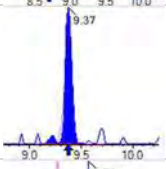
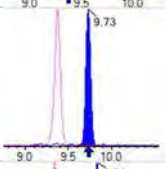
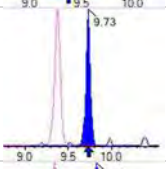
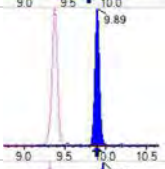
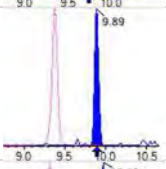
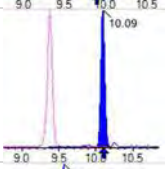
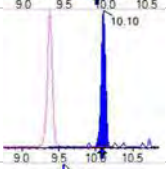
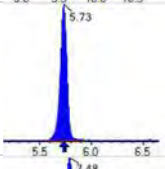
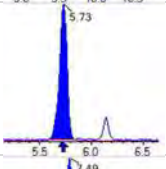
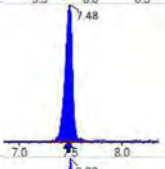
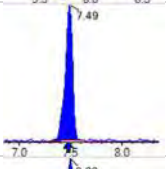
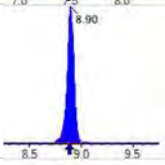
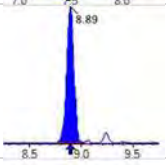
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(213.0 / 169.0) 97481	(3.61 , 1.00) (0.00 , N/A , 0.0)	114.2	N/A 0.0 0.0	0.4298 [0.4000]	107.4%			
PFPeA	(263.0 / 219.0) 60376 (263.0 / 69.0) 583	(4.89 , 1.00) (0.00 , N/A , 0.4)	205.3 11.3	0.0097 93.4 83.5	0.1842 [0.2000]	92.1%			
PFHxA	(313.0 / 269.0) 42530 (313.0 / 119.0) 3800	(6.06 , 1.00) (0.00 , N/A , -0.5)	112.5 36.6	0.0894 91.8 98.6	0.0934 [0.1000]	93.4%			
PFHpA	(363.0 / 319.0) 35614 (363.0 / 169.0) 13297	(7.00 , 1.00) (0.00 , N/A , 0.1)	69.6 73.4	0.3734 130.5 136.7	0.0878 [0.1000]	87.8%			
PFOA	(413.0 / 369.0) 42054 (413.0 / 169.0) 11061	(7.81 , 1.00) (0.00 , N/A , 0.1)	114.0 85.8	0.2630 86.6 86.1	0.0950 [0.1000]	95.0%			
PFNA	(463.0 / 419.0) 26630 (463.0 / 169.0) 6809	(8.55 , 1.00) (0.00 , N/A , -0.2)	101.6 83.2	0.2557 120.8 119.8	0.0902 [0.1000]	90.2%			
PFDA	(513.0 / 469.0) 49003 (513.0 / 169.0) 6682	(9.23 , 1.00) (0.00 , N/A , 1.0)	94.8 142.9	0.1363 147.9 143.1	0.1063 [0.1000]	106.3%			
PFUnA	(563.0 / 519.0) 49172 (563.0 / 169.0) 3211	(9.68 , 1.00) (0.00 , N/A , -0.5)	125.8 30.1	0.0653 84.9 67.9	0.0903 [0.1000]	90.3%			
PFDoA	(613.0 / 569.0) 61844 (613.0 / 169.0) 4017	(9.87 , 1.00) (0.00 , N/A , -0.6)	179.3 75.1	0.0650 48.2 50.8	0.1020 [0.1000]	102.0%			IR1,
PFTrDA	(663.0 / 619.0) 60570 (663.0 / 169.0) 8986	(10.01 , 1.01) (N/A , 0.01 , -0.1)	180.8 84.0	0.1484 68.1 81.3	0.1145 [0.1000]	114.5%			
PFTeDA	(713.0 / 669.0) 35019 (713.0 / 169.0) 6566	(10.12 , 1.00) (0.01 , N/A , 0.6)	195.7 22.4	0.1875 95.0 78.8	0.0740 [0.1000]	74.0%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (2)
Acquired: 2022/12/30 - 04:15

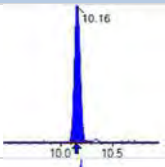
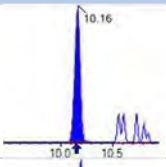
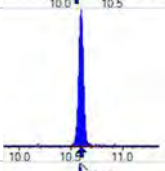
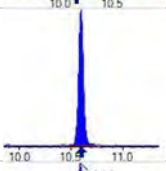
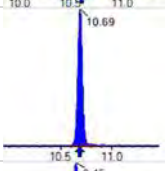
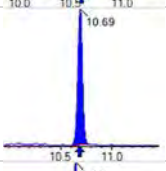
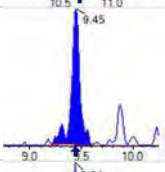
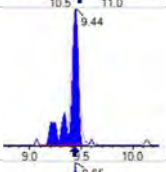
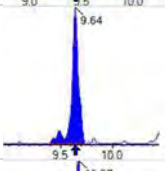
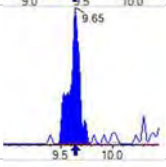
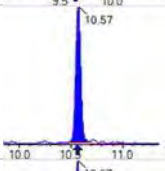
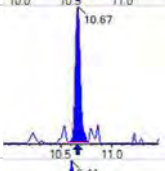
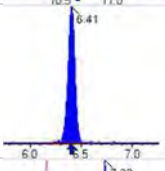
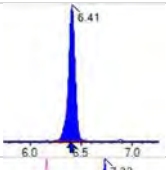
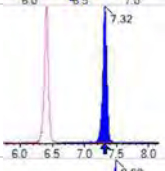
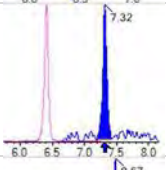
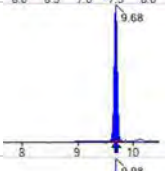
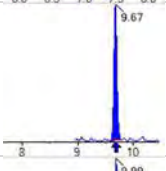
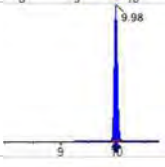
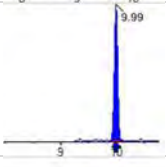
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(299.0 / 80.0) 55049 (299.0 / 99.0) 35550	(6.01 , 1.00) (0.00 , N/A , 0.1)	299.8 175.8	0.6458 98.3 100.7	0.0778 [0.0885]	87.9%			
PFPeS	(349.0 / 80.0) 102961 (349.0 / 99.0) 32991	(7.06 , 0.89) (N/A , 0.01 , 0.3)	300.4 182.3	0.3204 86.4 90.3	0.0909 [0.0938]	96.9%			
PFHxS	(399.0 / 80.0) 90634 (399.0 / 99.0) 29615	(7.93 , 1.00) (0.00 , N/A , -0.1)	354.6 211.8	0.3267 100.2 102.0	0.0909 [0.0911]	99.7%			
PFHpS	(449.0 / 80.0) 69794 (449.0 / 99.0) 22052	(8.70 , 0.93) (N/A , 0.00 , 0.3)	286.3 146.2	0.3160 121.2 111.7	0.0803 [0.0951]	84.4%			
PFOS	(499.0 / 80.0) 91136 (499.0 / 99.0) 24377	(9.38 , 1.00) (0.00 , N/A , 0.1)	98.7 157.7	0.2675 128.6 117.3	0.0912 [0.0927]	98.3%			
PFNS	(549.0 / 80.0) 110875 (549.0 / 99.0) 17829	(9.73 , 1.04) (N/A , 0.00 , 0.0)	244.7 117.1	0.1608 67.6 69.5	0.0978 [0.0960]	101.9%			
PFDS	(599.0 / 80.0) 120814 (599.0 / 99.0) 32335	(9.89 , 1.06) (N/A , 0.01 , 0.5)	295.3 123.3	0.2676 101.7 141.3	0.0882 [0.0963]	91.5%			
PFDoS	(699.0 / 80.0) 64963 (699.0 / 99.0) 17707	(10.09 , 1.08) (N/A , 0.00 , -0.5)	198.0 94.5	0.2726 139.0 150.8	0.1007 [0.0970]	103.8%			IR2,
4:2FTS	(327.0 / 307.0) 185349 (327.0 / 81.0) 90654	(5.73 , 1.00) (0.00 , N/A , 0.1)	371.7 155.2	0.4891 68.3 78.4	0.4214 [0.3738]	112.7%			
6:2FTS	(427.0 / 407.0) 100621 (427.0 / 81.0) 61363	(7.48 , 1.00) (0.00 , N/A , -0.2)	320.1 209.8	0.6098 82.5 87.7	0.3935 [0.3796]	103.7%			
8:2FTS	(527.0 / 507.0) 94634 (527.0 / 81.0) 69313	(8.90 , 1.00) (0.00 , N/A , 0.4)	405.0 192.4	0.7324 119.7 97.5	0.3183 [0.3833]	83.0%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (2)
Acquired: 2022/12/30 - 04:15

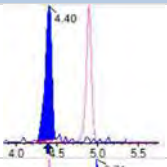
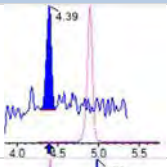
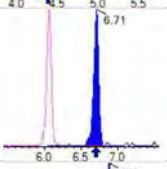
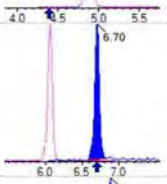
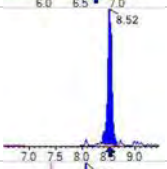
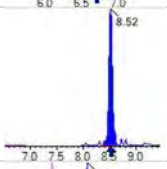
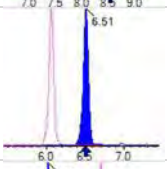
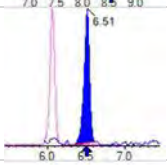
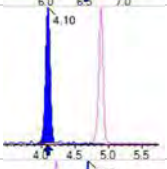
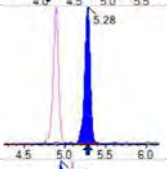
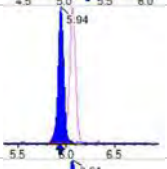
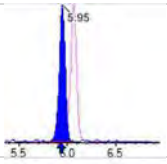
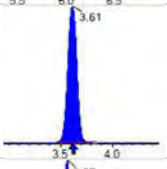
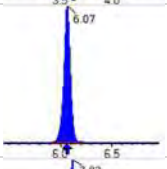
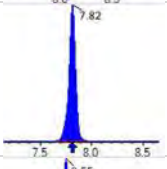
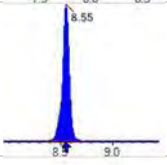
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 130660 (498.0 / 478.0) 5223	(10.16 , 1.00) (0.00 , N/A , -0.2)	289.3 46.1	0.0400 191.5 193.8	0.0990 [0.1000]	99.0%			
NMeFOSA	(512.0 / 219.0) 79300 (512.0 / 169.0) 61843	(10.60 , 1.00) (0.00 , N/A , 0.1)	503.4 424.5	0.7799 112.7 116.6	0.3735 [0.4000]	93.4%			
NEtFOSA	(526.0 / 219.0) 73513 (526.0 / 169.0) 82988	(10.69 , 1.00) (0.00 , N/A , -0.1)	642.4 309.7	1.1289 113.7 104.6	0.3709 [0.4000]	92.7%			
NMeFOSAA	(570.0 / 419.0) 30771 (570.0 / 483.0) 15408	(9.45 , 1.00) (0.01 , N/A , 0.3)	68.5 611.1	0.5007 90.0 94.8	0.1265 [0.1000]	126.5%			
NEtFOSAA	(584.0 / 419.0) 26198 (584.0 / 526.0) 12933	(9.64 , 1.00) (0.00 , N/A , -0.5)	331.6 45.6	0.4937 83.2 74.9	0.1143 [0.1000]	114.3%			
NMeFOSE	(616.0 / 59.0) 25873	(10.57 , 1.00) (0.01 , N/A , 0.0)	204.9	N/A 0.0 0.0	0.3845 [0.4000]	96.1%			
NEtFOSE	(630.0 / 59.0) 4270	(10.67 , 1.00) (0.01 , N/A , 0.0)	65.1	N/A 0.0 0.0	0.3764 [0.4000]	94.1%			
HFPO-DA	(285.0 / 169.0) 30380 (285.0 / 185.0) 80008	(6.41 , 1.00) (0.00 , N/A , -0.2)	279.5 375.6	2.6336 102.7 106.1	0.1751 [0.2000]	87.5%			
ADONA	(377.0 / 85.0) 136981 (377.0 / 251.0) 20064	(7.32 , 1.14) (N/A , 0.01 , 0.1)	403.3 60.2	0.1465 119.0 136.3	0.1981 [0.1885]	105.1%			
9Cl-Pf3ONS	(531.0 / 351.0) 313256 (533.0 / 353.0) 101761	(9.68 , 1.51) (N/A , 0.00 , 0.4)	313.7 132.2	0.3249 102.8 109.0	0.1658 [0.1867]	88.9%			
11Cl-PF3OUDS	(631.0 / 451.0) 228554 (633.0 / 453.0) 63264	(9.98 , 1.56) (N/A , 0.00 , -0.3)	307.4 206.3	0.2768 89.4 87.0	0.2138 [0.1886]	113.3%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (2)
Acquired: 2022/12/30 - 04:15

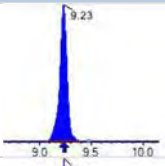
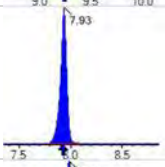
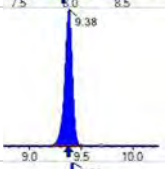
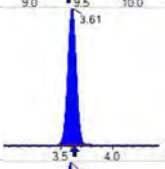
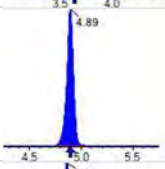
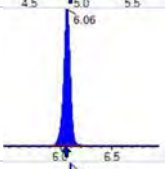
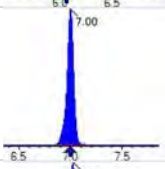
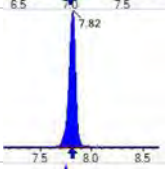
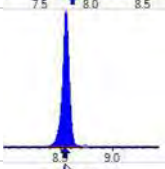
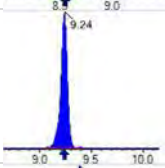
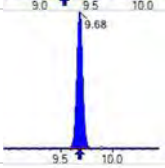
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 3221 (241.0 / 117.0) 4361	(4.40 , 0.90) (N/A , 0.01 , 0.6)	98.4 21.7	1.3542 103.0 102.6	0.2859 [0.4000]	71.5%			
5:3FTCA	(341.0 / 236.7) 25027 (341.0 / 217.0) 40842	(6.71 , 1.11) (N/A , 0.01 , 0.3)	179.5 160.8	1.6319 90.9 105.4	0.3591 [0.4000]	89.8%			
7:3FTCA	(441.0 / 317.0) 29038 (441.0 / 337.0) 25726	(8.52 , 1.41) (N/A , 0.00 , 0.3)	96.5 113.8	0.8859 107.4 104.7	0.3199 [0.4000]	80.0%			
PFEESA	(315.0 / 135.0) 70299 (315.0 / 83.0) 21057	(6.51 , 1.07) (N/A , 0.01 , -0.1)	271.2 101.3	0.2995 98.2 107.3	0.1682 [0.1785]	94.2%			
PFMPA	(229.0 / 85.0) 14147	(4.10 , 0.84) (N/A , 0.00 , 0.0)	252.6	N/A 0.0 0.0	0.1478 [0.2000]	73.9%			
PFMBA	(279.0 / 85.0) 45673	(5.28 , 1.08) (N/A , 0.00 , 0.0)	412.1	N/A 0.0 0.0	0.1673 [0.2000]	83.7%			
NFDHA	(295.0 / 201.0) 37111 (295.0 / 85.0) 32545	(5.94 , 0.98) (N/A , 0.01 , -0.3)	317.0 180.0	0.8769 102.1 95.5	0.1661 [0.2000]	83.0%			
13C3_PFBA_IIS	(216.0 / 172.0) 228297	(3.61 , N/A) (N/A , 0.00 , N/A)	569.6	N/A	1.0601 [1.0000]	106.0% { 96.8% }			
13C2_PFHxA_IIS	(315.0 / 270.0) 421916	(6.07 , N/A) (N/A , 0.01 , N/A)	482.3	N/A	1.1114 [1.0000]	111.1% { 102.2% }			
13C4_PFOA_IIS	(417.0 / 372.0) 383644	(7.82 , N/A) (N/A , 0.00 , N/A)	628.0	N/A	1.0628 [1.0000]	106.3% { 97.6% }			
13C5_PFNA_IIS	(468.0 / 423.0) 323756	(8.55 , N/A) (N/A , 0.00 , N/A)	531.5	N/A	1.1010 [1.0000]	110.1% { 101.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (2)
Acquired: 2022/12/30 - 04:15

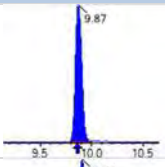
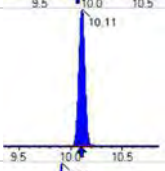
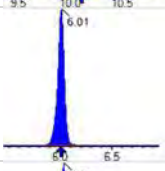
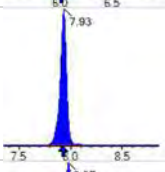
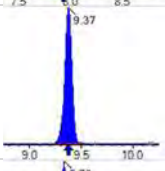
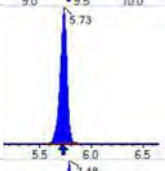
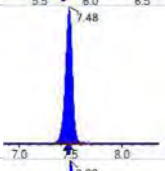
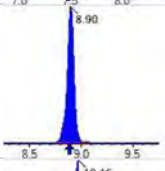
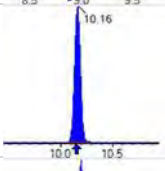
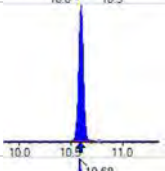
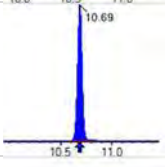
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.0 / 470.1) 361356	(9.23 , N/A) (N/A , 0.00 , N/A)	383.6	N/A	1.0608 [1.0000]	106.1% { 102.6% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 661641	(7.93 , N/A) (N/A , 0.01 , N/A)	683.5	N/A	1.0935 [1.0000]	109.3% { 105.1% }			
13C4_PFOS_IIS	(503.0 / 79.9) 594073	(9.38 , N/A) (N/A , 0.00 , N/A)	388.9	N/A	0.9213 [1.0000]	92.1% { 90.8% }			
13C4_PFBA_EIS	(217.0 / 172.0) 1942100	(3.61 , N/A) (N/A , -0.01 , N/A)	636.2	N/A	8.4732 [8.0000]	105.9% { 104.3% }			
13C5_PFPeA_EIS	(268.0 / 223.0) 1380603	(4.89 , N/A) (N/A , 0.01 , N/A)	567.5	N/A	4.3373 [4.0000]	108.4% { 105.9% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 917604	(6.06 , N/A) (N/A , 0.01 , N/A)	643.8	N/A	2.1253 [2.0000]	106.3% { 113.2% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 774481	(7.00 , N/A) (N/A , 0.01 , N/A)	574.5	N/A	2.0649 [2.0000]	103.2% { 103.8% }			
13C8_PFOA_EIS	(421.0 / 376.0) 830853	(7.82 , N/A) (N/A , 0.01 , N/A)	627.0	N/A	2.1167 [2.0000]	105.8% { 105.1% }			
13C9_PFNA_EIS	(472.0 / 427.0) 305868	(8.55 , N/A) (N/A , 0.00 , N/A)	397.3	N/A	0.9093 [1.0000]	90.9% { 93.2% }			
13C6_PFDA_EIS	(519.0 / 474.0) 464683	(9.24 , N/A) (N/A , 0.01 , N/A)	346.8	N/A	1.0646 [1.0000]	106.5% { 104.7% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 596683	(9.68 , N/A) (N/A , 0.01 , N/A)	421.2	N/A	1.1116 [1.0000]	111.2% { 124.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (2)
Acquired: 2022/12/30 - 04:15

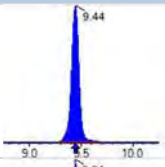
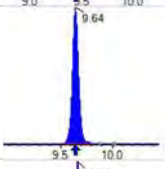
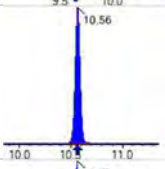
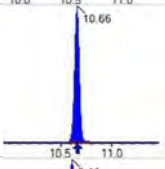
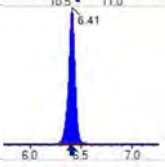
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 632556	(9.87 , N/A) (N/A , 0.00 , N/A)	333.6	N/A	1.1809 [1.0000]	118.1% { 110.0% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 467550	(10.11 , N/A) (N/A , 0.00 , N/A)	1243.5	N/A	1.3775 [1.0000]	137.8% { 114.8% }			
13C3_PFBS_EIS	(302.0 / 80.0) 2219414	(6.01 , N/A) (N/A , 0.01 , N/A)	542.0	N/A	2.2164 [2.0000]	110.8% { 109.2% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 1151837	(7.93 , N/A) (N/A , 0.01 , N/A)	628.7	N/A	2.1243 [2.0000]	106.2% { 115.7% }			
13C8_PFOS_EIS	(507.0 / 80.0) 1717258	(9.37 , N/A) (N/A , 0.00 , N/A)	391.1	N/A	2.3987 [2.0000]	119.9% { 113.9% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 517380	(5.73 , N/A) (N/A , 0.01 , N/A)	668.5	N/A	4.5732 [4.0000]	114.3% { 99.6% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 637005	(7.48 , N/A) (N/A , 0.01 , N/A)	626.1	N/A	4.2555 [4.0000]	106.4% { 89.7% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 762351	(8.90 , N/A) (N/A , 0.01 , N/A)	488.3	N/A	4.0402 [4.0000]	101.0% { 124.5% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 2276744	(10.16 , N/A) (N/A , 0.00 , N/A)	720.5	N/A	2.7247 [2.0000]	136.2% { 111.2% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 437105	(10.60 , N/A) (N/A , 0.00 , N/A)	964.8	N/A	2.7662 [2.0000]	138.3% { 110.0% }			
D5_NEtFOSA_EIS	(531.0 / 169.0) 399625	(10.69 , N/A) (N/A , 0.00 , N/A)	954.9	N/A	2.7612 [2.0000]	138.1% { 108.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-LCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (2)
Acquired: 2022/12/30 - 04:15

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 1072351	(9.44 , N/A) (N/A , 0.00 , N/A)	307.4	N/A	4.7606 [4.0000]	119.0% { 107.5% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 930410	(9.64 , N/A) (N/A , 0.01 , N/A)	122.6	N/A	5.1950 [4.0000]	129.9% { 107.8% }			
D7_NMeFOSE_EIS	(623.0 / 58.9) 1102216	(10.56 , N/A) (N/A , 0.00 , N/A)	1265.2	N/A	31.9270 [20.0000]	159.6% { 119.9% }			S2,
D9_NEtFOSE_EIS	(639.0 / 58.9) 533015	(10.66 , N/A) (N/A , 0.00 , N/A)	1376.6	N/A	33.4818 [20.0000]	167.4% { 111.9% }			S2,
13C3_HFPODA_EIS	(287.0 / 169.0) 2000025	(6.41 , N/A) (N/A , 0.01 , N/A)	612.9	N/A	8.2807 [8.0000]	103.5% { 109.8% }			

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2250016b
Standard ID:b	22L0180	Sequence:b	SB03754b

Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03754-CCV1b	PFBAb	20.0b	18.2b	91.0b	ng/mLb	+/- 30.00%b
	PFPEAb	10.0b	8.53b	85.3b	ng/mLb	+/- 30.00%b
	PFHXAb	5.00b	4.77b	95.4b	ng/mLb	+/- 30.00%b
	PFHPAb	5.00b	4.60b	92.1b	ng/mLb	+/- 30.00%b
	PFOAb	5.00b	4.44b	88.7b	ng/mLb	+/- 30.00%b
	PFNAb	5.00b	4.76b	95.1b	ng/mLb	+/- 30.00%b
	PFDAb	5.00b	4.82b	96.5b	ng/mLb	+/- 30.00%b
	PFUnAb	5.00b	4.41b	88.2b	ng/mLb	+/- 30.00%b
	PFDOAb	5.00b	4.91b	98.3b	ng/mLb	+/- 30.00%b
	PFTRDAb	5.00b	4.31b	86.1b	ng/mLb	+/- 30.00%b
	PFTEDAb	5.00b	3.89b	77.9b	ng/mLb	+/- 30.00%b
	PFBSb	4.42b	4.00b	90.5b	ng/mLb	+/- 30.00%b
	PFPESb	4.70b	3.84b	81.6b	ng/mLb	+/- 30.00%b
	PFHXSb	4.58b	3.91b	85.5b	ng/mLb	+/- 30.00%b
	PFHPSb	4.78b	4.78b	100b	ng/mLb	+/- 30.00%b
	PFOSb	4.65b	4.46b	95.8b	ng/mLb	+/- 30.00%b
	PFNSb	4.80b	4.96b	103b	ng/mLb	+/- 30.00%b
	PFDSb	4.82b	4.64b	96.3b	ng/mLb	+/- 30.00%b
	4:2FTSb	18.8b	18.8b	100b	ng/mLb	+/- 30.00%b
	6:2FTSb	19.0b	20.0b	105b	ng/mLb	+/- 30.00%b
	8:2FTSb	19.2b	17.9b	93.2b	ng/mLb	+/- 30.00%b
	PFOSAb	5.00b	4.70b	94.1b	ng/mLb	+/- 30.00%b
	NMeFOSAb	20.0b	19.8b	99.0b	ng/mLb	+/- 30.00%b
	NEtFOSAb	20.0b	18.3b	91.4b	ng/mLb	+/- 30.00%b
	NMeFOSAAb	5.00b	4.41b	88.2b	ng/mLb	+/- 30.00%b
	NEtFOSAAb	5.00b	4.78b	95.5b	ng/mLb	+/- 30.00%b
	NMeFOSEb	20.0b	19.2b	96.2b	ng/mLb	+/- 30.00%b
	NEtFOSEb	20.0b	18.3b	91.3b	ng/mLb	+/- 30.00%b
	HFPO-DAb	10.0b	8.67b	86.7b	ng/mLb	+/- 30.00%b
	ADONAb	9.45b	8.81b	93.2b	ng/mLb	+/- 30.00%b

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2250016b
Standard ID:b	22L0180	Sequence:b	SB03754b

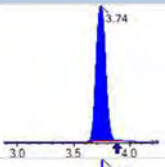
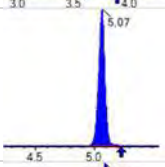
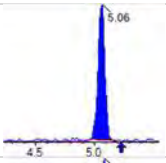
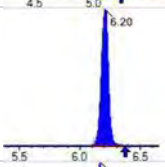
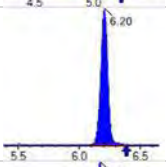
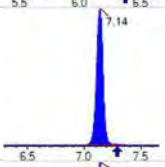
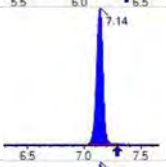
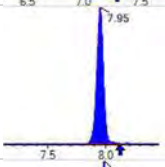
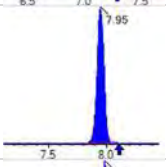
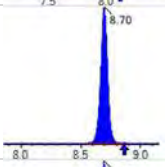
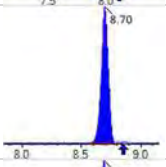
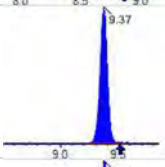
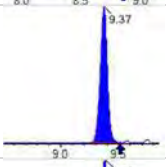
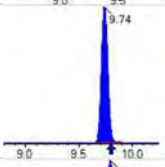
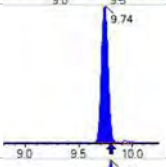
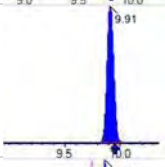
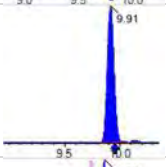
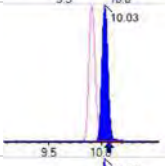
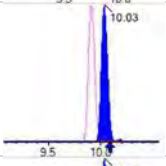
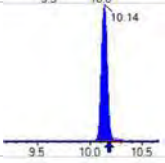
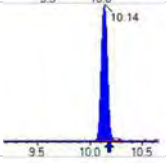
Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03754-CCV1b	9CL-PF3ONSb	9.35b	9.56b	102b	ng/mLb	+/- 30.00%b
	11CL-PF3OUDSb	9.45b	9.80b	104b	ng/mLb	+/- 30.00%b

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (3)
Acquired: 2022/12/09 - 09:14

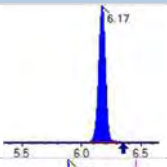
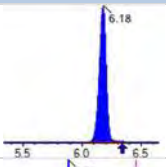
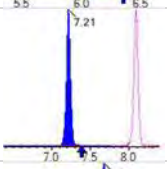
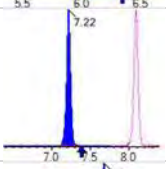
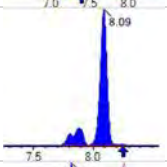
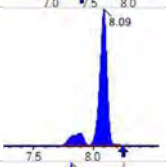
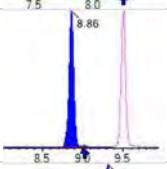
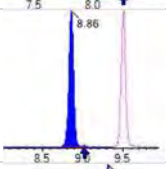
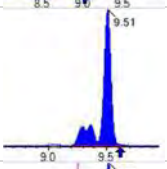
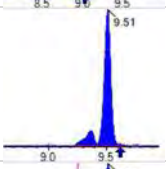
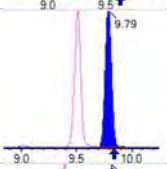
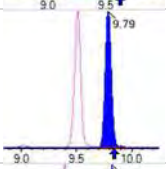
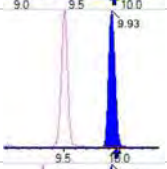
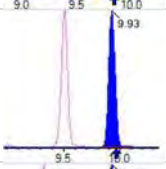
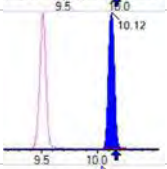
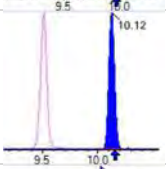
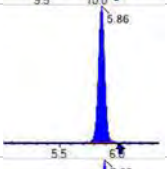
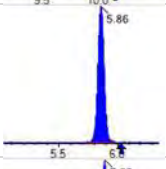
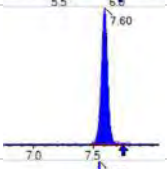
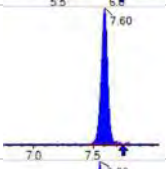
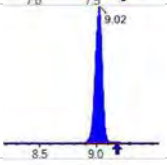
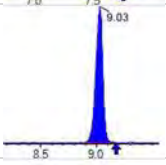
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) 1038863	(3.74 , 1.00) (0.00 , N/A , 0.0)	80.4	N/A 0.0 0.0	18.1926 [20.0000]	91.0%			
PFPeA	(262.9 / 219.0) 692776 (262.9 / 69.0) 7101	(5.07 , 1.00) (0.00 , N/A , 0.2)	987.2 179.1	0.0102 88.0 100.0	8.5321 [10.0000]	85.3%			
PFHxA	(313.0 / 269.0) 583999 (313.0 / 119.0) 56743	(6.20 , 1.00) (0.00 , N/A , 0.1)	878.0 497.2	0.0972 108.1 100.0	4.7724 [5.0000]	95.4%			
PFHpA	(363.0 / 319.0) 543819 (363.0 / 169.0) 169479	(7.14 , 1.00) (0.00 , N/A , 0.0)	830.4 681.3	0.3116 108.6 100.0	4.6042 [5.0000]	92.1%			
PFOA	(413.0 / 369.0) 529858 (413.0 / 169.0) 175699	(7.95 , 1.00) (0.00 , N/A , 0.0)	695.8 848.2	0.3316 102.5 100.0	4.4360 [5.0000]	88.7%			
PFNA	(463.0 / 419.0) 427413 (463.0 / 169.0) 83015	(8.70 , 1.00) (0.00 , N/A , -0.2)	609.8 165.8	0.1942 96.5 100.0	4.7559 [5.0000]	95.1%			
PFDA	(513.0 / 469.0) 619750 (513.0 / 169.0) 61588	(9.37 , 1.00) (0.00 , N/A , -0.1)	568.8 196.0	0.0994 111.9 100.0	4.8232 [5.0000]	96.5%			
PFUnA	(563.0 / 519.0) 697432 (563.0 / 169.0) 66596	(9.74 , 1.00) (0.00 , N/A , -0.1)	669.6 356.3	0.0955 88.9 100.0	4.4113 [5.0000]	88.2%			
PFDoA	(613.0 / 569.0) 860836 (613.0 / 169.0) 122748	(9.91 , 1.00) (0.00 , N/A , -0.2)	955.7 244.8	0.1426 119.7 100.0	4.9136 [5.0000]	98.3%			
PFTrDA	(663.0 / 619.0) 662763 (663.0 / 169.0) 140936	(10.03 , 1.01) (N/A , 0.00 , 0.1)	998.4 477.2	0.2126 114.2 100.0	4.3068 [5.0000]	86.1%			
PFTeDA	(713.0 / 669.0) 580753 (713.0 / 169.0) 122610	(10.14 , 1.00) (0.00 , N/A , 0.0)	910.9 364.4	0.2111 107.2 100.0	3.8927 [5.0000]	77.9%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (3)
Acquired: 2022/12/09 - 09:14

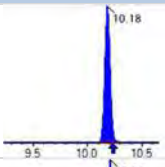
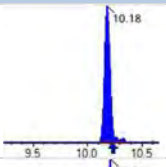
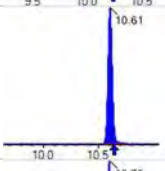
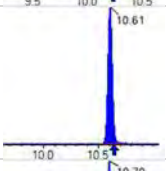
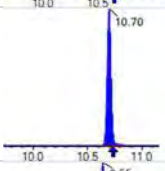
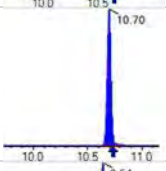
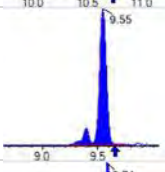
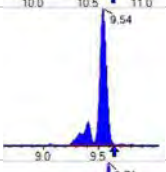
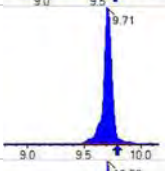
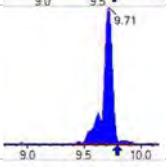
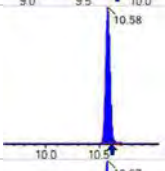
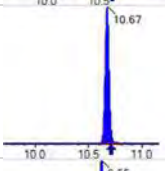
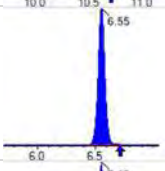
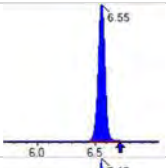
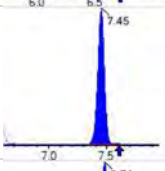
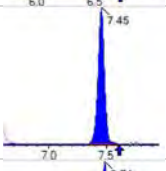
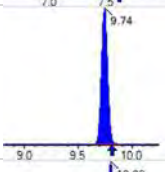
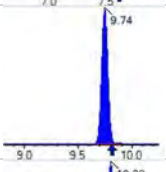
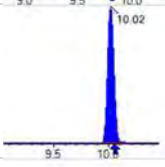
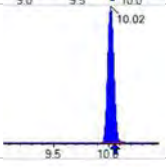
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) 797952 (298.9 / 99.0) 497511	(6.17 , 1.00) (0.00 , N/A , -0.2)	1066.1 674.3	0.6235 92.0 100.0	4.0019 [4.4237]	90.5%			
PFPeS	(349.0 / 80.0) 1366819 (349.0 / 99.0) 525585	(7.21 , 0.89) (N/A , 0.00 , -0.1)	465.7 856.1	0.3845 105.4 100.0	3.8373 [4.6919]	81.8%			
PFHxS	(399.0 / 80.0) 1236480 (399.0 / 99.0) 402240	(8.09 , 1.00) (0.00 , N/A , 0.1)	6119.4 13656.7	0.3253 94.3 100.0	3.9149 [4.5549]	85.9%			
PFHpS	(449.0 / 80.0) 1182390 (449.0 / 99.0) 323812	(8.86 , 0.93) (N/A , 0.00 , 0.1)	921.7 432.0	0.2739 96.4 100.0	4.7790 [4.7570]	100.5%			
PFOS	(499.0 / 80.0) 1365546 (499.0 / 99.0) 315383	(9.51 , 1.00) (0.00 , N/A , 0.0)	143.9 215.5	0.2310 89.7 100.0	4.4555 [4.6375]	96.1%			
PFNS	(549.0 / 80.0) 1786644 (549.0 / 99.0) 452417	(9.79 , 1.03) (N/A , 0.00 , 0.1)	1093.0 659.6	0.2532 105.9 100.0	4.9646 [4.7994]	103.4%			
PFDS	(599.0 / 80.0) 2091390 (599.0 / 99.0) 475606	(9.93 , 1.04) (N/A , 0.00 , -0.1)	999.5 1024.6	0.2274 97.8 100.0	4.6402 [4.8155]	96.4%			
PFDoS	(698.9 / 80.0) 1297347 (698.9 / 99.0) 259527	(10.12 , 1.06) (N/A , 0.00 , 0.0)	453.2 605.3	0.2000 86.3 100.0	4.8534 [4.8478]	100.1%			
4:2FTS	(327.0 / 307.0) 1020077 (327.0 / 81.0) 581424	(5.86 , 1.00) (0.00 , N/A , 0.1)	1237.8 955.2	0.5700 95.4 100.0	18.8051 [18.6906]	100.6%			
6:2FTS	(427.0 / 407.0) 660059 (427.0 / 81.0) 471843	(7.60 , 1.00) (0.00 , N/A , 0.0)	993.6 979.4	0.7148 99.4 100.0	19.9528 [18.9808]	105.1%			
8:2FTS	(527.0 / 507.0) 564540 (527.0 / 81.0) 361594	(9.02 , 1.00) (0.00 , N/A , -0.1)	534.9 370.8	0.6405 102.7 100.0	17.8880 [19.1658]	93.3%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (3)
Acquired: 2022/12/09 - 09:14

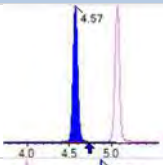
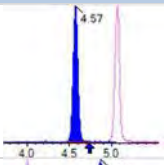
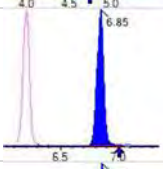
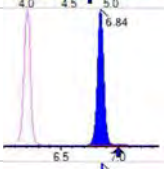
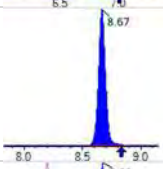
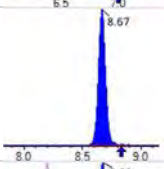
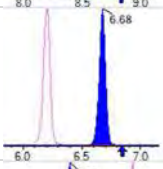
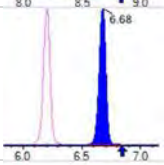
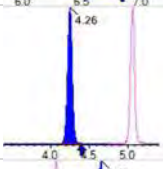
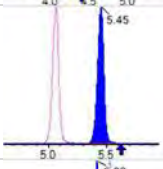
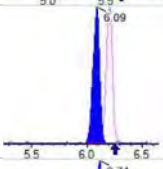
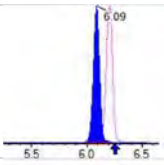
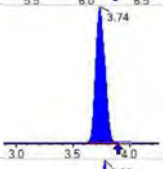
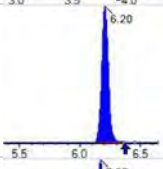
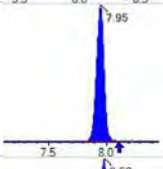
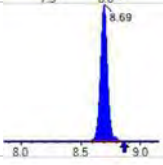
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 2163701 (498.0 / 478.0) 54373	(10.18 , 1.00) (0.00 , N/A , 0.2)	1387.9 283.7	0.0251 105.3 100.0	4.7027 [5.0000]	94.1%			
NMeFOSA	(511.9 / 219.0) 1816331 (511.9 / 169.0) 1182937	(10.61 , 1.00) (0.00 , N/A , 0.0)	1089.7 1059.5	0.6513 97.7 100.0	19.7923 [20.0000]	99.0%			
NEtFOSA	(526.0 / 219.0) 1886043 (526.0 / 169.0) 2013851	(10.70 , 1.00) (0.00 , N/A , 0.0)	1070.5 993.6	1.0678 98.0 100.0	18.2772 [20.0000]	91.4%			
NMeFOSAA	(570.0 / 419.0) 246214 (570.0 / 483.0) 124757	(9.55 , 1.00) (0.01 , N/A , 0.1)	310.7 632.8	0.5067 109.2 100.0	4.4094 [5.0000]	88.2%			
NEtFOSAA	(584.0 / 419.0) 266321 (584.0 / 526.0) 156375	(9.71 , 1.00) (0.00 , N/A , -0.3)	898.2 2569554.3	0.5872 96.8 100.0	4.7758 [5.0000]	95.5%			
NMeFOSE	(616.1 / 59.0) 552030	(10.58 , 1.00) (0.01 , N/A , 0.0)	989.0	N/A 0.0 0.0	19.2304 [20.0000]	96.2%			
NEtFOSE	(630.0 / 59.0) 131129	(10.67 , 1.00) (0.01 , N/A , 0.0)	1122.5	N/A 0.0 0.0	18.2571 [20.0000]	91.3%			
HFPO-DA	(285.0 / 169.0) 454517 (285.0 / 185.0) 1351250	(6.55 , 1.00) (0.00 , N/A , -0.1)	924.9 923.7	2.9729 107.2 100.0	8.6684 [10.0000]	86.7%			
ADONA	(377.0 / 85.0) 1867729 (377.0 / 251.0) 239014	(7.45 , 1.14) (N/A , 0.00 , -0.1)	849.9 595.7	0.1280 101.8 100.0	8.8094 [9.4270]	93.4%			
9Cl-Pf3ONS	(531.0 / 351.0) 5579321 (533.0 / 353.0) 1756368	(9.74 , 1.49) (N/A , 0.00 , -0.1)	1028.9 1134.4	0.3148 94.3 100.0	9.5630 [9.3325]	102.5%			
11Cl-PF3OUDS	(631.0 / 451.0) 3932595 (633.0 / 453.0) 1162334	(10.02 , 1.53) (N/A , 0.00 , 0.0)	751.5 977.6	0.2956 91.4 100.0	9.7967 [9.4321]	103.9%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (3)
Acquired: 2022/12/09 - 09:14

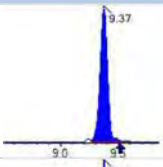
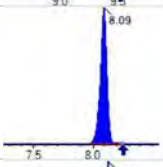
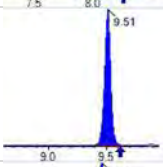
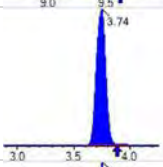
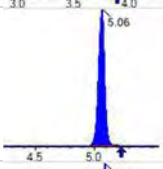
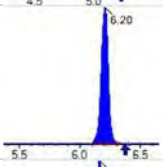
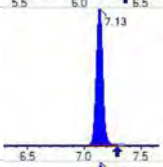
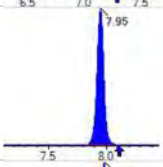
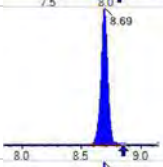
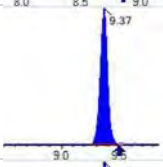
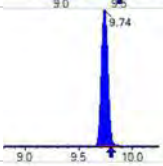
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 63545 (241.0 / 117.0) 106613	(4.57 , 0.90) (N/A , 0.00 , -0.1)	724.2 657.1	1.6778 96.4 100.0	15.9306 [20.0000]	79.7%			
5:3FTCA	(341.0 / 236.7) 431737 (341.0 / 217.0) 720195	(6.85 , 1.10) (N/A , 0.00 , 0.1)	647.9 610.7	1.6681 97.7 100.0	16.6066 [20.0000]	83.0%			
7:3FTCA	(441.0 / 317.0) 604632 (441.0 / 337.0) 496748	(8.67 , 1.40) (N/A , 0.00 , 0.0)	691.4 644.7	0.8216 99.6 100.0	18.0633 [20.0000]	90.3%			
PFEESA	(315.0 / 135.0) 1057873 (315.0 / 83.0) 301348	(6.68 , 1.08) (N/A , 0.00 , -0.1)	1066.6 874.4	0.2849 95.8 100.0	8.4543 [8.9246]	94.7%			
PFMPA	(229.0 / 85.0) 194598	(4.26 , 0.84) (N/A , 0.00 , 0.0)	776.9	N/A 0.0 0.0	8.7035 [10.0000]	87.0%			
PFMBA	(279.0 / 85.0) 650978	(5.45 , 1.08) (N/A , 0.00 , 0.0)	954.3	N/A 0.0 0.0	9.3419 [10.0000]	93.4%			
NFDHA	(201.0 / 85.0) 22190 (295.0 / 201.0) 156920	(6.09 , 0.98) (N/A , 0.00 , 0.0)	391.6 1149.7	7.0718 101.1 100.0	7.4478 [10.0000]	74.5%			
13C3_PFBA_IIS	(216.0 / 172.0) 80059	(3.74 , N/A) (N/A , 0.00 , N/A)	660.1	N/A	0.8328 [1.0000]	83.3% { 100.0% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 117207	(6.20 , N/A) (N/A , 0.00 , N/A)	535.3	N/A	0.9492 [1.0000]	94.9% { 100.0% }			
13C4_PFOA_IIS	(417.0 / 372.0) 109759	(7.95 , N/A) (N/A , 0.00 , N/A)	432.1	N/A	0.9258 [1.0000]	92.6% { 100.0% }			
13C5_PFNA_IIS	(468.0 / 423.0) 97894	(8.69 , N/A) (N/A , 0.00 , N/A)	529.4	N/A	1.0279 [1.0000]	102.8% { 100.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

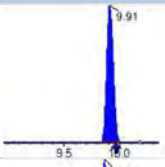
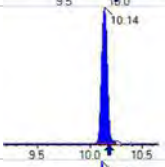
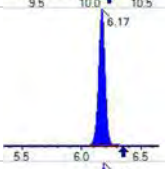
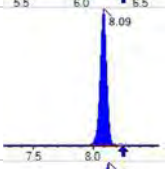
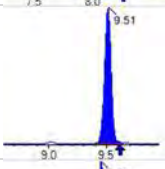
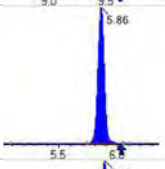
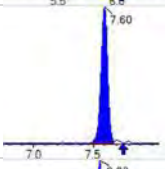
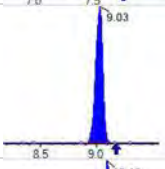
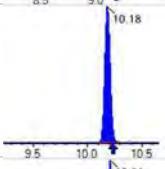
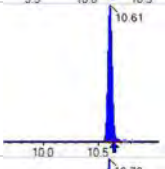
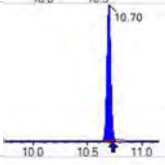
Sample I.D.: SB03754-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (3)
Acquired: 2022/12/09 - 09:14

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 87189	(9.37 , N/A) (N/A , 0.00 , N/A)	196.3	N/A	1.0583 [1.0000]	105.8% { 100.0% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 223043	(8.09 , N/A) (N/A , 0.00 , N/A)	599.5	N/A	1.0392 [1.0000]	103.9% { 100.0% }			
13C4_PFOS_IIS	(502.8 / 79.9) 212449	(9.51 , N/A) (N/A , 0.00 , N/A)	623.8	N/A	1.1414 [1.0000]	114.1% { 100.0% }			
13C4_PFBA_EIS	(217.0 / 172.0) 599966	(3.74 , N/A) (N/A , 0.00 , N/A)	797.5	N/A	7.9934 [8.0000]	99.9% { 100.0% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 337861	(5.06 , N/A) (N/A , 0.00 , N/A)	981.9	N/A	3.9517 [4.0000]	98.8% { 100.0% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 242817	(6.20 , N/A) (N/A , 0.00 , N/A)	1046.2	N/A	2.0311 [2.0000]	101.6% { 100.0% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 233201	(7.13 , N/A) (N/A , 0.00 , N/A)	587.6	N/A	2.1610 [2.0000]	108.1% { 100.0% }			
13C8_PFOA_EIS	(421.0 / 376.0) 231741	(7.95 , N/A) (N/A , 0.00 , N/A)	501.4	N/A	2.0758 [2.0000]	103.8% { 100.0% }			
13C9_PFNA_EIS	(472.0 / 427.0) 93219	(8.69 , N/A) (N/A , 0.00 , N/A)	311.2	N/A	0.9649 [1.0000]	96.5% { 100.0% }			
13C6_PFDA_EIS	(519.0 / 474.0) 126659	(9.37 , N/A) (N/A , 0.00 , N/A)	387.9	N/A	1.0001 [1.0000]	100.0% { 100.0% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 179599	(9.74 , N/A) (N/A , 0.00 , N/A)	5104.8	N/A	1.0565 [1.0000]	105.6% { 100.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK | Sample I.D.: SB03754-CCV1 | Quant Method: 1633 - S2022-12-07A
Instrument: Saphira | DF , IV: 1 , 10.0µL | Path: S2022-12-09A (3)
Type: Sciex Q3 5500 | Acquisition Method: 1633 2022-12-07.dam | Acquired: 2022/12/09 - 09:14

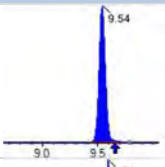
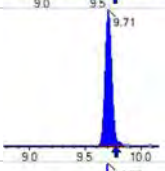
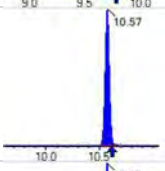
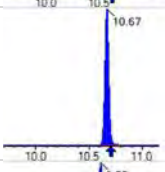
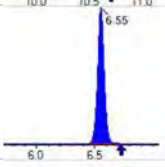
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 190404	(9.91 , N/A) (N/A , 0.00 , N/A)	566.2	N/A	0.9229 [1.0000]	92.3% { 100.0% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 151351	(10.14 , N/A) (N/A , 0.00 , N/A)	286.0	N/A	0.9993 [1.0000]	99.9% { 100.0% }			
13C3_PFBS_EIS	(302.0 / 80.0) 653202	(6.17 , N/A) (N/A , 0.00 , N/A)	877.9	N/A	1.9927 [2.0000]	99.6% { 100.0% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 376760	(8.09 , N/A) (N/A , 0.00 , N/A)	661.9	N/A	2.0192 [2.0000]	101.0% { 100.0% }			
13C8_PFOS_EIS	(507.0 / 80.0) 545991	(9.51 , N/A) (N/A , 0.00 , N/A)	463.1	N/A	1.6859 [2.0000]	84.3% { 100.0% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 62111	(5.86 , N/A) (N/A , 0.00 , N/A)	548.8	N/A	3.3596 [4.0000]	84.0% { 100.0% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 83419	(7.60 , N/A) (N/A , 0.00 , N/A)	530.5	N/A	3.3633 [4.0000]	84.1% { 100.0% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 80386	(9.03 , N/A) (N/A , 0.00 , N/A)	376.3	N/A	3.7340 [4.0000]	93.3% { 100.0% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 828592	(10.18 , N/A) (N/A , 0.00 , N/A)	571.5	N/A	1.6759 [2.0000]	83.8% { 100.0% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 199693	(10.61 , N/A) (N/A , 0.00 , N/A)	822.5	N/A	1.3649 [2.0000]	68.2% { 100.0% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 199284	(10.70 , N/A) (N/A , 0.00 , N/A)	780.8	N/A	1.5022 [2.0000]	75.1% { 100.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (3)
Acquired: 2022/12/09 - 09:14

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 256118	(9.54 , N/A) (N/A , 0.00 , N/A)	510.0	N/A	3.5546 [4.0000]	88.9% { 100.0% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 243070	(9.71 , N/A) (N/A , 0.00 , N/A)	418.0	N/A	3.9250 [4.0000]	98.1% { 100.0% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 408359	(10.57 , N/A) (N/A , 0.00 , N/A)	1192.9	N/A	16.3413 [20.0000]	81.7% { 100.0% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 209780	(10.67 , N/A) (N/A , 0.00 , N/A)	979.5	N/A	16.4756 [20.0000]	82.4% { 100.0% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 631586	(6.55 , N/A) (N/A , 0.00 , N/A)	845.4	N/A	8.0215 [8.0000]	100.3% { 100.0% }			

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2250016b
Standard ID:b	22L0180	Sequence:b	SB03754b

Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03754-CCV2b	PFBAb	20.0b	18.8b	94.2b	ng/mLb	+/- 30.00%b
	PFPEAb	10.0b	8.78b	87.8b	ng/mLb	+/- 30.00%b
	PFHXAb	5.00b	4.16b	83.3b	ng/mLb	+/- 30.00%b
	PFHPAb	5.00b	4.65b	93.0b	ng/mLb	+/- 30.00%b
	PFOAb	5.00b	4.81b	96.2b	ng/mLb	+/- 30.00%b
	PFNAb	5.00b	5.10b	102b	ng/mLb	+/- 30.00%b
	PFDAb	5.00b	5.36b	107b	ng/mLb	+/- 30.00%b
	PFUnAb	5.00b	5.42b	108b	ng/mLb	+/- 30.00%b
	PFDOAb	5.00b	5.20b	104b	ng/mLb	+/- 30.00%b
	PFTRDAb	5.00b	4.70b	94.0b	ng/mLb	+/- 30.00%b
	PFTEDAb	5.00b	4.40b	88.0b	ng/mLb	+/- 30.00%b
	PFBSb	4.42b	3.96b	89.7b	ng/mLb	+/- 30.00%b
	PFPESb	4.70b	4.86b	103b	ng/mLb	+/- 30.00%b
	PFHXSb	4.58b	4.35b	95.0b	ng/mLb	+/- 30.00%b
	PFHPSb	4.78b	4.13b	86.4b	ng/mLb	+/- 30.00%b
	PFOSb	4.65b	4.49b	96.5b	ng/mLb	+/- 30.00%b
	PFNSb	4.80b	4.79b	99.7b	ng/mLb	+/- 30.00%b
	PFDSb	4.82b	3.88b	80.4b	ng/mLb	+/- 30.00%b
	4:2FTSb	18.8b	17.7b	94.0b	ng/mLb	+/- 30.00%b
	6:2FTSb	19.0b	19.9b	105b	ng/mLb	+/- 30.00%b
	8:2FTSb	19.2b	21.5b	112b	ng/mLb	+/- 30.00%b
	PFOSAb	5.00b	4.60b	91.9b	ng/mLb	+/- 30.00%b
	NMeFOSAb	20.0b	19.3b	96.6b	ng/mLb	+/- 30.00%b
	NEtFOSAb	20.0b	17.4b	87.1b	ng/mLb	+/- 30.00%b
	NMeFOSAAb	5.00b	3.98b	79.6b	ng/mLb	+/- 30.00%b
	NEtFOSAAb	5.00b	4.12b	82.4b	ng/mLb	+/- 30.00%b
	NMeFOSEb	20.0b	19.1b	95.6b	ng/mLb	+/- 30.00%b
	NEtFOSEb	20.0b	18.5b	92.3b	ng/mLb	+/- 30.00%b
	HFPO-DAb	10.0b	8.97b	89.7b	ng/mLb	+/- 30.00%b
	ADONAb	9.45b	8.30b	87.8b	ng/mLb	+/- 30.00%b

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2250016b
Standard ID:b	22L0180	Sequence:b	SB03754b

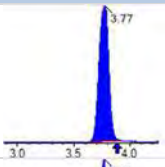
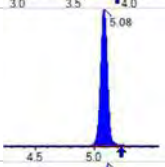
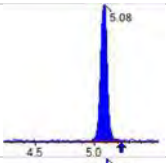
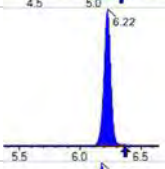
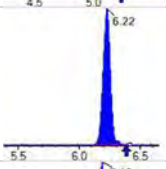
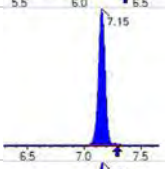
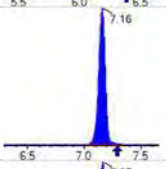
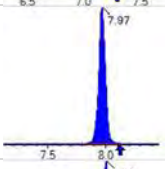
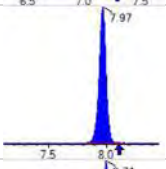
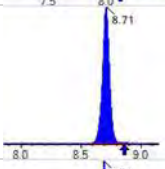
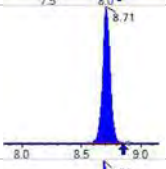
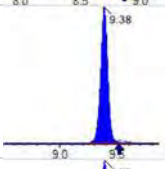
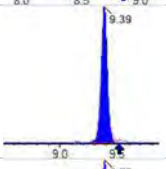
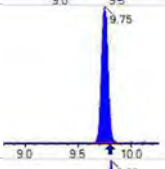
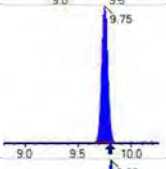
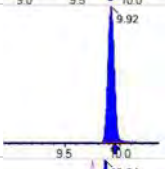
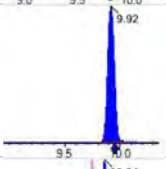
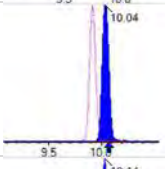
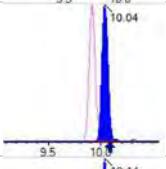
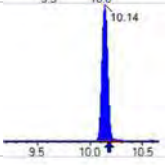
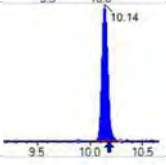
Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03754-CCV2b	9CL-PF3ONSb	9.35b	10.2b	110b	ng/mLb	+/- 30.00%b
	11CL-PF3OUDSb	9.45b	9.08b	96.1b	ng/mLb	+/- 30.00%b

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (22)
Acquired: 2022/12/09 - 17:10

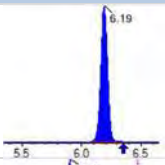
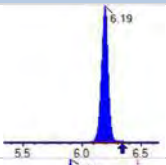
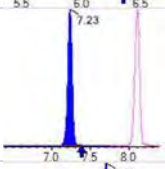
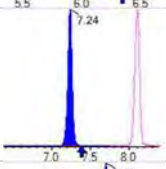
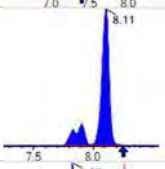
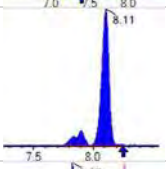
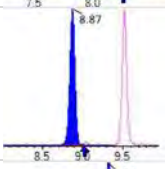
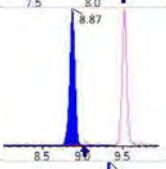
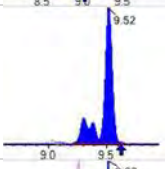
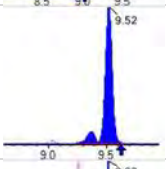
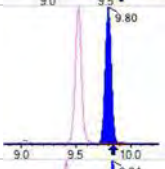
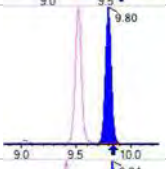
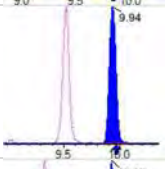
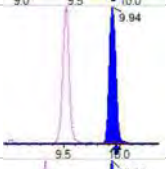
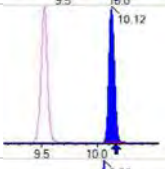
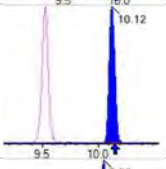
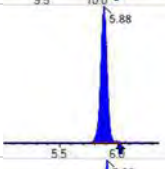
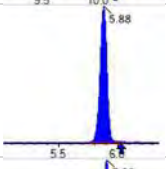
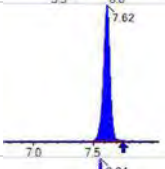
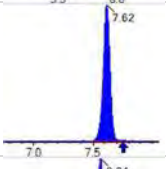
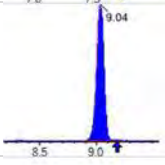
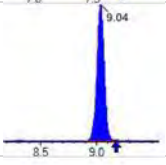
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) 1110727	(3.77 , 1.00) (0.00 , N/A , 0.0)	60.8	N/A 0.0 0.0	18.8419 [20.0000]	94.2%			
PFPeA	(262.9 / 219.0) 709716 (262.9 / 69.0) 8767	(5.08 , 1.00) (0.00 , N/A , 0.1)	1018.1 253.5	0.0124 106.1 120.5	8.7837 [10.0000]	87.8%			
PFHxA	(313.0 / 269.0) 554621 (313.0 / 119.0) 50651	(6.22 , 1.00) (0.00 , N/A , 0.1)	776.7 504.6	0.0913 101.6 94.0	4.1647 [5.0000]	83.3%			
PFHpA	(363.0 / 319.0) 499119 (363.0 / 169.0) 136141	(7.15 , 1.00) (0.00 , N/A , -0.2)	664.3 799.9	0.2728 95.1 87.5	4.6482 [5.0000]	93.0%			
PFOA	(413.0 / 369.0) 602247 (413.0 / 169.0) 188369	(7.97 , 1.00) (0.00 , N/A , -0.1)	812.4 662.6	0.3128 96.7 94.3	4.8109 [5.0000]	96.2%			
PFNA	(463.0 / 419.0) 456953 (463.0 / 169.0) 85908	(8.71 , 1.00) (0.00 , N/A , 0.1)	669.6 121.4	0.1880 93.4 96.8	5.0963 [5.0000]	101.9%			
PFDA	(513.0 / 469.0) 591107 (513.0 / 169.0) 57558	(9.38 , 1.00) (0.00 , N/A , 0.0)	527.3 1358.4	0.0974 109.7 98.0	5.3625 [5.0000]	107.2%			
PFUnA	(563.0 / 519.0) 717979 (563.0 / 169.0) 76104	(9.75 , 1.00) (0.00 , N/A , 0.0)	515.6 4494.5	0.1060 98.6 111.0	5.4213 [5.0000]	108.4%			
PFDoA	(613.0 / 569.0) 816850 (613.0 / 169.0) 102685	(9.92 , 1.00) (0.00 , N/A , 0.1)	863.2 1423.7	0.1257 105.6 88.2	5.1976 [5.0000]	104.0%			
PFTrDA	(663.0 / 619.0) 648764 (663.0 / 169.0) 135712	(10.04 , 1.01) (N/A , 0.00 , 0.1)	571.3 364.5	0.2092 112.3 98.4	4.6996 [5.0000]	94.0%			
PFTeDA	(713.0 / 669.0) 645795 (713.0 / 169.0) 120973	(10.14 , 1.00) (0.00 , N/A , 0.0)	738.1 388.5	0.1873 95.2 88.7	4.3987 [5.0000]	88.0%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (22)
Acquired: 2022/12/09 - 17:10

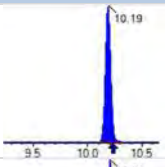
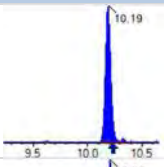
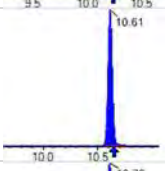
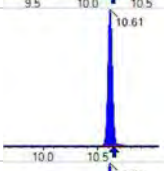
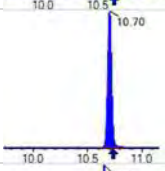
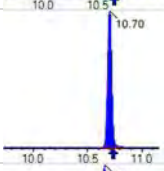
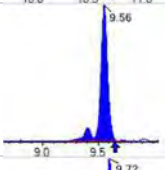
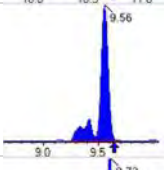
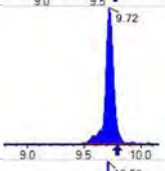
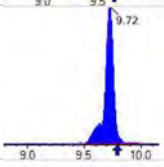
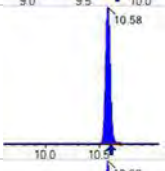
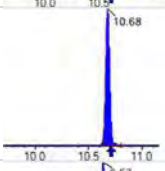
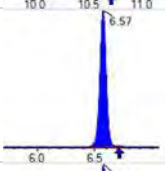
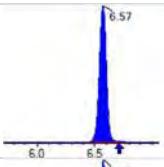
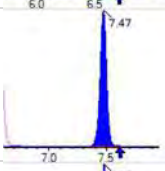
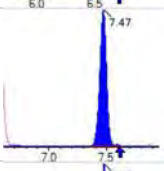
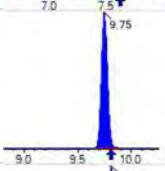
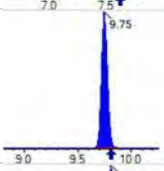
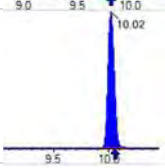
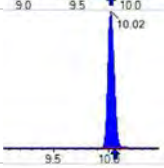
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) 770303 (298.9 / 99.0) 503988	(6.19 , 1.00) (0.00 , N/A , -0.1)	940.9 894.9	0.6543 96.6 104.9	3.9626 [4.4237]	89.6%			
PFPeS	(349.0 / 80.0) 1585685 (349.0 / 99.0) 531996	(7.23 , 0.89) (N/A , 0.02 , 0.0)	925.0 1067.4	0.3355 92.0 87.2	4.8609 [4.6919]	103.6%			
PFHxS	(399.0 / 80.0) 1258057 (399.0 / 99.0) 421074	(8.11 , 1.00) (0.00 , N/A , 0.1)	482430.6 72882.0	0.3347 97.1 102.9	4.3493 [4.5549]	95.5%			
PFHpS	(449.0 / 80.0) 1095385 (449.0 / 99.0) 339556	(8.87 , 0.93) (N/A , 0.01 , 0.0)	468.0 613.8	0.3100 109.1 113.2	4.1277 [4.7570]	86.8%			
PFOS	(499.0 / 80.0) 1475446 (499.0 / 99.0) 369034	(9.52 , 1.00) (0.00 , N/A , 0.0)	125.1 232.7	0.2501 97.1 108.3	4.4883 [4.6375]	96.8%			
PFNS	(549.0 / 80.0) 1847498 (549.0 / 99.0) 449424	(9.80 , 1.03) (N/A , 0.01 , 0.0)	991.4 665.3	0.2433 101.8 96.1	4.7862 [4.7994]	99.7%			
PFDS	(599.0 / 80.0) 1873812 (599.0 / 99.0) 513418	(9.94 , 1.04) (N/A , 0.01 , 0.1)	445.6 485.2	0.2740 117.8 120.5	3.8761 [4.8155]	80.5%			
PFDoS	(698.9 / 80.0) 1322892 (698.9 / 99.0) 314818	(10.12 , 1.06) (N/A , 0.00 , 0.0)	928.6 597.4	0.2380 102.7 119.0	4.6141 [4.8478]	95.2%			
4:2FTS	(327.0 / 307.0) 1026259 (327.0 / 81.0) 568764	(5.88 , 1.00) (0.00 , N/A , -0.1)	794.1 872.9	0.5542 92.8 97.2	17.6807 [18.6906]	94.6%			
6:2FTS	(427.0 / 407.0) 683892 (427.0 / 81.0) 490386	(7.62 , 1.00) (0.00 , N/A , 0.1)	933.7 846.8	0.7171 99.7 100.3	19.8806 [18.9808]	104.7%			
8:2FTS	(527.0 / 507.0) 624754 (527.0 / 81.0) 367019	(9.04 , 1.00) (0.01 , N/A , 0.1)	676.1 813.7	0.5875 94.2 91.7	21.5110 [19.1658]	112.2%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (22)
Acquired: 2022/12/09 - 17:10

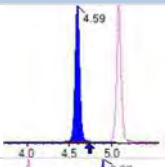
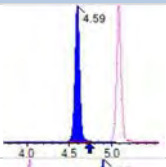
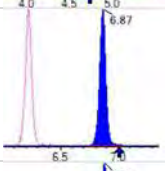
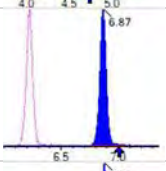
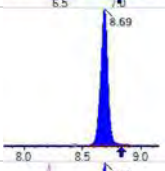
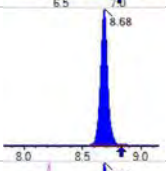
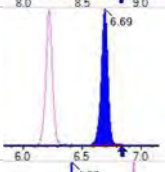
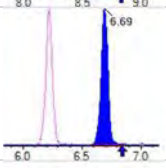
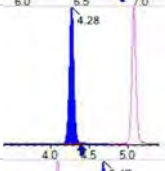
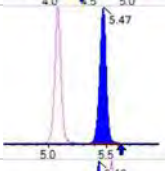
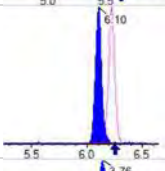
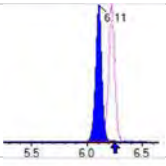
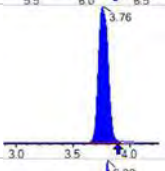
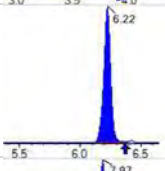
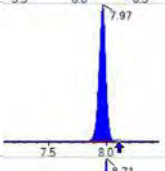
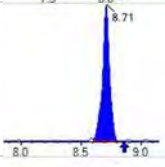
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 2284769 (498.0 / 478.0) 43559	(10.19 , 1.00) (0.00 , N/A , 0.0)	812.8 254.7	0.0191 79.9 75.9	4.5957 [5.0000]	91.9%			
NMeFOSA	(511.9 / 219.0) 1961553 (511.9 / 169.0) 1314194	(10.61 , 1.00) (0.00 , N/A , 0.0)	874.4 852.5	0.6700 100.5 102.9	19.3238 [20.0000]	96.6%			
NEtFOSA	(526.0 / 219.0) 2011635 (526.0 / 169.0) 2109706	(10.70 , 1.00) (0.00 , N/A , 0.0)	1491.3 1610.6	1.0488 96.2 98.2	17.4153 [20.0000]	87.1%			
NMeFOSAA	(570.0 / 419.0) 243036 (570.0 / 483.0) 127892	(9.56 , 1.00) (0.00 , N/A , 0.0)	432.2 449.3	0.5262 113.4 103.9	3.9802 [5.0000]	79.6%			
NEtFOSAA	(584.0 / 419.0) 218304 (584.0 / 526.0) 165139	(9.72 , 1.00) (0.01 , N/A , -0.1)	424.3 337.7	0.7565 124.7 128.8	4.1195 [5.0000]	82.4%			
NMeFOSE	(616.1 / 59.0) 573147	(10.58 , 1.00) (0.01 , N/A , 0.0)	757.8	N/A 0.0 0.0	19.1152 [20.0000]	95.6%			
NEtFOSE	(630.0 / 59.0) 140424	(10.68 , 1.00) (0.01 , N/A , 0.0)	1144.2	N/A 0.0 0.0	18.4637 [20.0000]	92.3%			
HFPO-DA	(285.0 / 169.0) 508256 (285.0 / 185.0) 1374136	(6.57 , 1.00) (0.00 , N/A , 0.1)	966.6 821.3	2.7036 97.5 90.9	8.9653 [10.0000]	89.7%			
ADONA	(377.0 / 85.0) 1902420 (377.0 / 251.0) 228931	(7.47 , 1.14) (N/A , 0.02 , 0.1)	938.5 733.9	0.1203 95.7 94.0	8.2991 [9.4270]	88.0%			
9Cl-Pf3ONS	(531.0 / 351.0) 6459683 (533.0 / 353.0) 1856413	(9.75 , 1.48) (N/A , 0.01 , 0.0)	1120.4 997.6	0.2874 86.1 91.3	10.2404 [9.3325]	109.7%			
11Cl-PF3OUDS	(631.0 / 451.0) 3941342 (633.0 / 453.0) 1163828	(10.02 , 1.52) (N/A , 0.00 , 0.1)	1214.3 493.7	0.2953 91.3 99.9	9.0811 [9.4321]	96.3%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (22)
Acquired: 2022/12/09 - 17:10

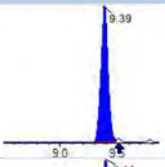
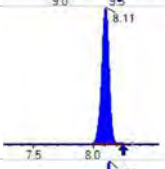
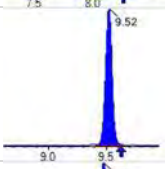
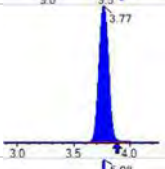
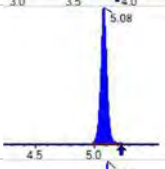
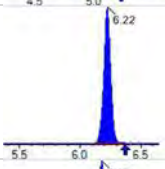
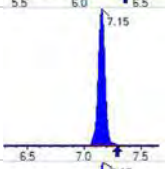
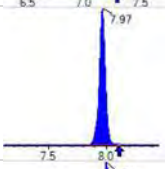
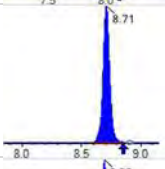
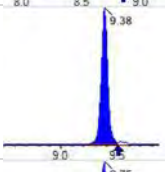
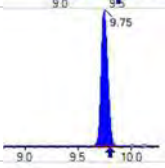
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 64973 (241.0 / 117.0) 119425	(4.59 , 0.90) (N/A , 0.02 , 0.0)	768.0 712.6	1.8381 105.6 109.6	16.3686 [20.0000]	81.8%			
5:3FTCA	(341.0 / 236.7) 475901 (341.0 / 217.0) 770508	(6.87 , 1.10) (N/A , 0.02 , 0.0)	700.2 711.3	1.6191 94.8 97.1	16.8202 [20.0000]	84.1%			
7:3FTCA	(441.0 / 317.0) 640482 (441.0 / 337.0) 511776	(8.69 , 1.40) (N/A , 0.02 , 0.2)	667.5 530.8	0.7990 96.9 97.3	17.5820 [20.0000]	87.9%			
PFEESA	(315.0 / 135.0) 1045019 (315.0 / 83.0) 304880	(6.69 , 1.08) (N/A , 0.02 , 0.0)	399.8 672.2	0.2917 98.1 102.4	7.6740 [8.9246]	86.0%			
PFMPA	(229.0 / 85.0) 203587	(4.28 , 0.84) (N/A , 0.02 , 0.0)	753.6	N/A 0.0 0.0	9.1503 [10.0000]	91.5%			
PFMBA	(279.0 / 85.0) 628062	(5.47 , 1.08) (N/A , 0.02 , 0.0)	1191.5	N/A 0.0 0.0	9.0573 [10.0000]	90.6%			
NFDHA	(201.0 / 85.0) 24104 (295.0 / 201.0) 161098	(6.10 , 0.98) (N/A , 0.02 , -0.2)	506.5 916.7	6.6834 95.5 94.5	7.4340 [10.0000]	74.3%			
13C3_PFBA_IIS	(216.0 / 172.0) 85762	(3.76 , N/A) (N/A , 0.03 , N/A)	596.1	N/A	0.8922 [1.0000]	89.2% { 107.1% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 120571	(6.22 , N/A) (N/A , 0.02 , N/A)	386.3	N/A	0.9764 [1.0000]	97.6% { 102.9% }			
13C4_PFOA_IIS	(417.0 / 372.0) 115700	(7.97 , N/A) (N/A , 0.02 , N/A)	633.5	N/A	0.9760 [1.0000]	97.6% { 105.4% }			
13C5_PFNA_IIS	(468.0 / 423.0) 96224	(8.71 , N/A) (N/A , 0.02 , N/A)	441.1	N/A	1.0103 [1.0000]	101.0% { 98.3% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (22)
Acquired: 2022/12/09 - 17:10

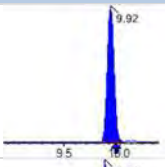
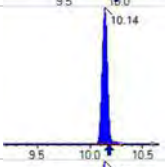
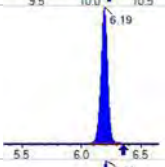
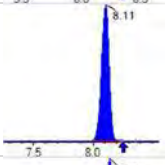
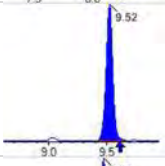
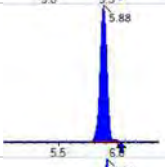
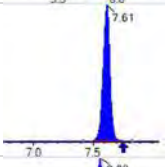
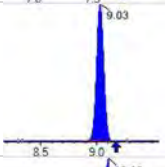
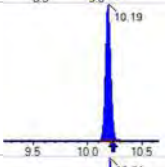
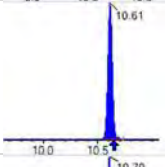
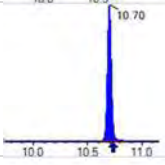
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 81776	(9.39 , N/A) (N/A , 0.02 , N/A)	615.5	N/A	0.9926 [1.0000]	99.3% { 93.8% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 214525	(8.11 , N/A) (N/A , 0.01 , N/A)	530.1	N/A	0.9995 [1.0000]	100.0% { 96.2% }			
13C4_PFOS_IIS	(502.8 / 79.9) 198711	(9.52 , N/A) (N/A , 0.01 , N/A)	526.0	N/A	1.0676 [1.0000]	106.8% { 93.5% }			
13C4_PFBA_EIS	(217.0 / 172.0) 619364	(3.77 , N/A) (N/A , 0.02 , N/A)	901.5	N/A	7.7031 [8.0000]	96.3% { 103.2% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 336209	(5.08 , N/A) (N/A , 0.02 , N/A)	876.4	N/A	3.8227 [4.0000]	95.6% { 99.5% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 264256	(6.22 , N/A) (N/A , 0.02 , N/A)	725.2	N/A	2.1487 [2.0000]	107.4% { 108.8% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 212007	(7.15 , N/A) (N/A , 0.02 , N/A)	557.8	N/A	1.9098 [2.0000]	95.5% { 90.9% }			
13C8_PFOA_EIS	(421.0 / 376.0) 242877	(7.97 , N/A) (N/A , 0.02 , N/A)	768.2	N/A	2.0639 [2.0000]	103.2% { 104.8% }			
13C9_PFNA_EIS	(472.0 / 427.0) 93004	(8.71 , N/A) (N/A , 0.01 , N/A)	461.2	N/A	0.9794 [1.0000]	97.9% { 99.8% }			
13C6_PFDA_EIS	(519.0 / 474.0) 108655	(9.38 , N/A) (N/A , 0.02 , N/A)	184.5	N/A	0.9147 [1.0000]	91.5% { 85.8% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 150443	(9.75 , N/A) (N/A , 0.01 , N/A)	442.8	N/A	0.9436 [1.0000]	94.4% { 83.8% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (22)
Acquired: 2022/12/09 - 17:10

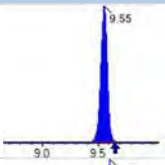
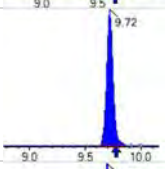
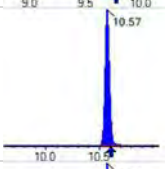
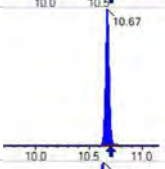
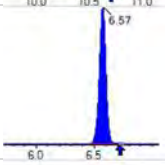
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 170805	(9.92 , N/A) (N/A , 0.01 , N/A)	389.8	N/A	0.8827 [1.0000]	88.3% { 89.7% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 148942	(10.14 , N/A) (N/A , 0.00 , N/A)	331.8	N/A	1.0485 [1.0000]	104.9% { 98.4% }			
13C3_PFBS_EIS	(302.0 / 80.0) 636824	(6.19 , N/A) (N/A , 0.02 , N/A)	1071.6	N/A	2.0199 [2.0000]	101.0% { 97.5% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 345045	(8.11 , N/A) (N/A , 0.02 , N/A)	833.0	N/A	1.9226 [2.0000]	96.1% { 91.6% }			
13C8_PFOS_EIS	(507.0 / 80.0) 585622	(9.52 , N/A) (N/A , 0.01 , N/A)	361.7	N/A	1.9333 [2.0000]	96.7% { 107.3% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 66462	(5.88 , N/A) (N/A , 0.02 , N/A)	511.3	N/A	3.7377 [4.0000]	93.4% { 107.0% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 86745	(7.61 , N/A) (N/A , 0.02 , N/A)	612.8	N/A	3.6362 [4.0000]	90.9% { 104.0% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 73977	(9.03 , N/A) (N/A , 0.00 , N/A)	829.8	N/A	3.5727 [4.0000]	89.3% { 92.0% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 895330	(10.19 , N/A) (N/A , 0.00 , N/A)	481.9	N/A	1.9361 [2.0000]	96.8% { 108.1% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 220887	(10.61 , N/A) (N/A , 0.01 , N/A)	787.3	N/A	1.6141 [2.0000]	80.7% { 110.6% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 223073	(10.70 , N/A) (N/A , 0.00 , N/A)	716.8	N/A	1.7978 [2.0000]	89.9% { 111.9% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (22)
Acquired: 2022/12/09 - 17:10

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 280074	(9.55 , N/A) (N/A , 0.02 , N/A)	400.7	N/A	4.1558 [4.0000]	103.9% { 109.4% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 230987	(9.72 , N/A) (N/A , 0.01 , N/A)	479.7	N/A	3.9877 [4.0000]	99.7% { 95.0% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 426533	(10.57 , N/A) (N/A , 0.00 , N/A)	1218.8	N/A	18.2485 [20.0000]	91.2% { 104.5% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 222137	(10.67 , N/A) (N/A , 0.00 , N/A)	1435.5	N/A	18.6521 [20.0000]	93.3% { 105.9% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 682871	(6.57 , N/A) (N/A , 0.02 , N/A)	955.8	N/A	8.4309 [8.0000]	105.4% { 108.1% }			

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2250016b
Standard ID:b	22L0180	Sequence:b	SB03754b

Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03754-CCV3b	PFBAb	20.0b	17.9b	89.4b	ng/mLb	+/- 30.00%b
	PFPEAb	10.0b	9.39b	93.9b	ng/mLb	+/- 30.00%b
	PFHXAb	5.00b	4.24b	84.8b	ng/mLb	+/- 30.00%b
	PFHPAb	5.00b	4.36b	87.2b	ng/mLb	+/- 30.00%b
	PFOAb	5.00b	4.73b	94.5b	ng/mLb	+/- 30.00%b
	PFNAb	5.00b	4.72b	94.4b	ng/mLb	+/- 30.00%b
	PFDAb	5.00b	4.96b	99.3b	ng/mLb	+/- 30.00%b
	PFUnAb	5.00b	5.44b	109b	ng/mLb	+/- 30.00%b
	PFDOAb	5.00b	5.11b	102b	ng/mLb	+/- 30.00%b
	PFTRDAb	5.00b	4.93b	98.7b	ng/mLb	+/- 30.00%b
	PFTEDAb	5.00b	4.23b	84.7b	ng/mLb	+/- 30.00%b
	PFBSb	4.42b	3.93b	88.9b	ng/mLb	+/- 30.00%b
	PFPESb	4.70b	4.31b	91.8b	ng/mLb	+/- 30.00%b
	PFHXSb	4.58b	4.07b	88.9b	ng/mLb	+/- 30.00%b
	PFHPSb	4.78b	4.58b	95.8b	ng/mLb	+/- 30.00%b
	PFOSb	4.65b	4.48b	96.4b	ng/mLb	+/- 30.00%b
	PFNSb	4.80b	4.59b	95.7b	ng/mLb	+/- 30.00%b
	PFDSb	4.82b	4.82b	100b	ng/mLb	+/- 30.00%b
	4:2FTSb	18.8b	18.4b	98.0b	ng/mLb	+/- 30.00%b
	6:2FTSb	19.0b	19.5b	103b	ng/mLb	+/- 30.00%b
	8:2FTSb	19.2b	18.7b	97.6b	ng/mLb	+/- 30.00%b
	PFOSAb	5.00b	4.65b	93.0b	ng/mLb	+/- 30.00%b
	NMeFOSAb	20.0b	18.1b	90.6b	ng/mLb	+/- 30.00%b
	NEtFOSAb	20.0b	18.3b	91.3b	ng/mLb	+/- 30.00%b
	NMeFOSAAb	5.00b	4.47b	89.5b	ng/mLb	+/- 30.00%b
	NEtFOSAAb	5.00b	3.89b	77.8b	ng/mLb	+/- 30.00%b
	NMeFOSEb	20.0b	19.3b	96.6b	ng/mLb	+/- 30.00%b
	NEtFOSEb	20.0b	18.7b	93.3b	ng/mLb	+/- 30.00%b
	HFPO-DAb	10.0b	8.98b	89.8b	ng/mLb	+/- 30.00%b
	ADONAb	9.45b	9.04b	95.7b	ng/mLb	+/- 30.00%b

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2250016b
Standard ID:b	22L0180	Sequence:b	SB03754b

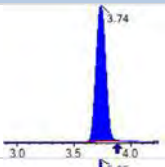
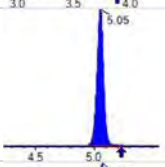
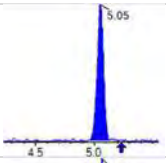
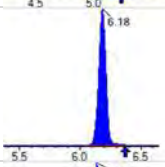
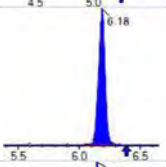
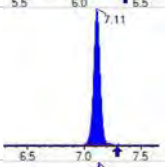
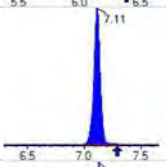
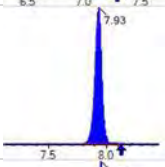
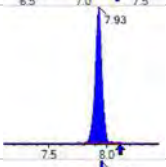
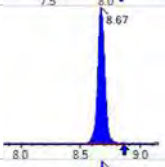
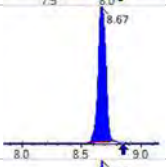
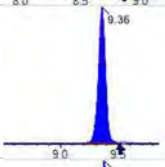
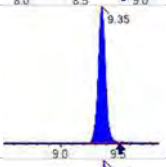
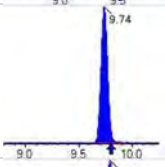
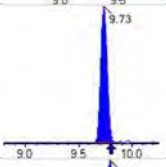
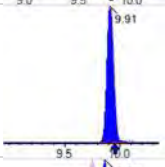
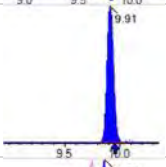
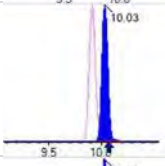
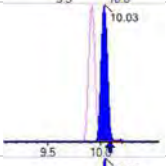
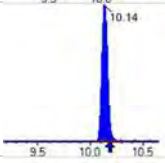
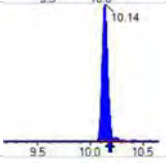
Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03754-CCV3b	9CL-PF3ONSb	9.35b	8.78b	93.9b	ng/mLb	+/- 30.00%b
	11CL-PF3OUDSb	9.45b	8.94b	94.6b	ng/mLb	+/- 30.00%b

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (41)
Acquired: 2022/12/09 - 21:12

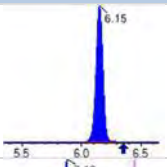
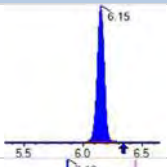
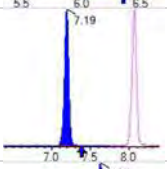
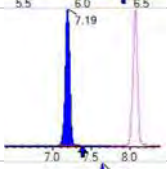
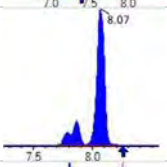
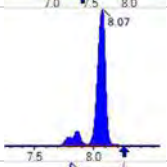
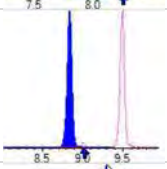
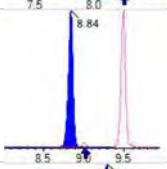
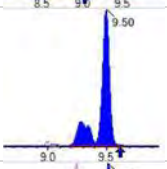
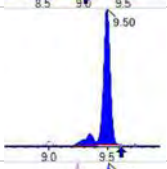
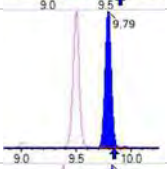
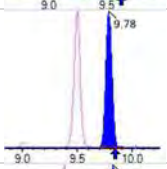
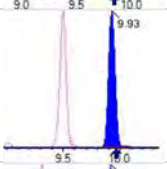
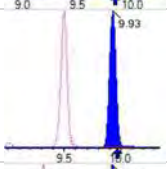
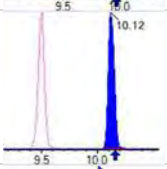
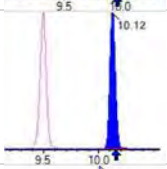
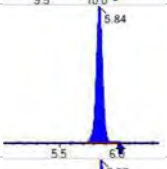
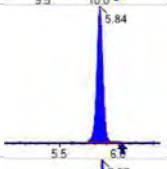
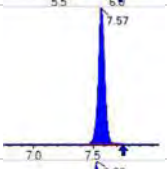
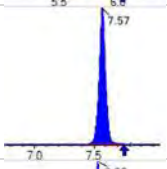
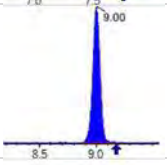
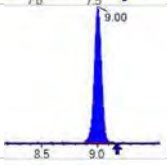
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) 1068959	(3.74 , 1.00) (0.00 , N/A , 0.0)	60.9	N/A 0.0 0.0	17.8734 [20.0000]	89.4%			
PFPeA	(262.9 / 219.0) 703044 (262.9 / 69.0) 8120	(5.05 , 1.00) (0.00 , N/A , -0.1)	933.2 230.1	0.0115 99.2 112.7	9.3860 [10.0000]	93.9%			
PFHxA	(313.0 / 269.0) 560137 (313.0 / 119.0) 56536	(6.18 , 1.00) (0.00 , N/A , 0.0)	692.9 461.1	0.1009 112.3 103.9	4.2409 [5.0000]	84.8%			
PFHpA	(363.0 / 319.0) 540654 (363.0 / 169.0) 161047	(7.11 , 1.00) (0.00 , N/A , -0.1)	778.8 624.5	0.2979 103.8 95.6	4.3581 [5.0000]	87.2%			
PFOA	(413.0 / 369.0) 552771 (413.0 / 169.0) 179704	(7.93 , 1.00) (0.00 , N/A , 0.2)	677.5 476.9	0.3251 100.5 98.0	4.7269 [5.0000]	94.5%			
PFNA	(463.0 / 419.0) 408106 (463.0 / 169.0) 81359	(8.67 , 1.00) (0.00 , N/A , -0.2)	713.4 136.7	0.1994 99.0 102.6	4.7214 [5.0000]	94.4%			
PFDA	(513.0 / 469.0) 584536 (513.0 / 169.0) 59949	(9.36 , 1.00) (0.00 , N/A , 0.1)	592.1 1368.8	0.1026 115.5 103.2	4.9642 [5.0000]	99.3%			
PFUnA	(563.0 / 519.0) 669418 (563.0 / 169.0) 79252	(9.74 , 1.00) (0.00 , N/A , 0.3)	534.4 312.4	0.1184 110.2 124.0	5.4356 [5.0000]	108.7%			
PFDoA	(613.0 / 569.0) 831457 (613.0 / 169.0) 105604	(9.91 , 1.00) (0.00 , N/A , 0.0)	846.0 1501.8	0.1270 106.7 89.1	5.1111 [5.0000]	102.2%			
PFTrDA	(663.0 / 619.0) 705002 (663.0 / 169.0) 137895	(10.03 , 1.01) (N/A , 0.00 , 0.1)	739.0 376.4	0.1956 105.0 92.0	4.9338 [5.0000]	98.7%			
PFTeDA	(713.0 / 669.0) 573844 (713.0 / 169.0) 135516	(10.14 , 1.00) (0.00 , N/A , -0.1)	718.6 268.4	0.2362 120.0 111.9	4.2345 [5.0000]	84.7%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (41)
Acquired: 2022/12/09 - 21:12

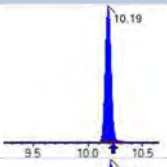
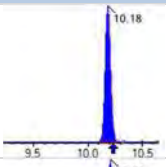
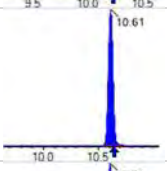
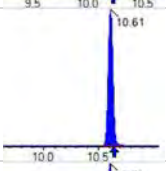
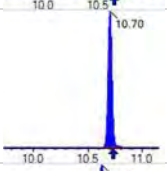
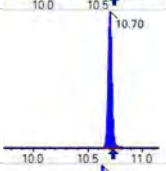
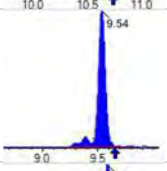
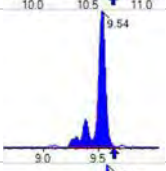
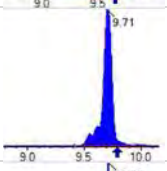
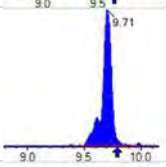
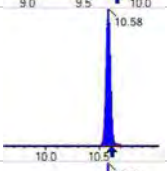
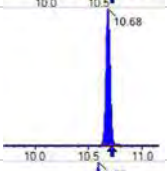
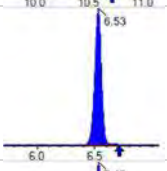
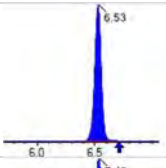
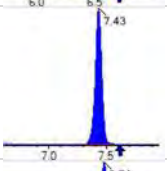
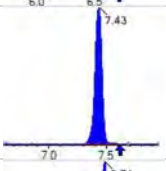
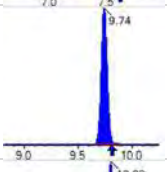
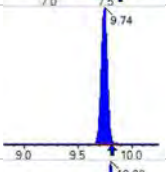
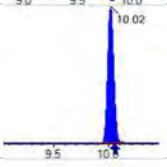
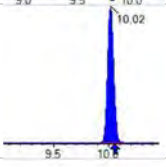
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) 808992 (298.9 / 99.0) 537560	(6.15 , 1.00) (0.00 , N/A , 0.1)	947.6 933.0	0.6645 98.1 106.6	3.9290 [4.4237]	88.8%			
PFPeS	(349.0 / 80.0) 1455077 (349.0 / 99.0) 505460	(7.19 , 0.89) (N/A , -0.02 , 0.1)	955.9 893.7	0.3474 95.3 90.3	4.3148 [4.6919]	92.0%			
PFHxS	(399.0 / 80.0) 1216822 (399.0 / 99.0) 421165	(8.07 , 1.00) (0.00 , N/A , 0.1)	5219.8 78109.1	0.3461 100.4 106.4	4.0693 [4.5549]	89.3%			
PFHpS	(449.0 / 80.0) 1187323 (449.0 / 99.0) 316097	(8.84 , 0.93) (N/A , -0.02 , -0.2)	848.3 595.0	0.2662 93.7 97.2	4.5813 [4.7570]	96.3%			
PFOS	(499.0 / 80.0) 1439102 (499.0 / 99.0) 322185	(9.50 , 1.00) (0.00 , N/A , 0.0)	138.8 88.0	0.2239 86.9 96.9	4.4826 [4.6375]	96.7%			
PFNS	(549.0 / 80.0) 1732015 (549.0 / 99.0) 458636	(9.79 , 1.03) (N/A , 0.00 , 0.2)	695.3 586.5	0.2648 110.8 104.6	4.5946 [4.7994]	95.7%			
PFDS	(599.0 / 80.0) 2275052 (599.0 / 99.0) 496727	(9.93 , 1.05) (N/A , 0.00 , 0.0)	1259.7 711.7	0.2183 93.9 96.0	4.8189 [4.8155]	100.1%			
PFDoS	(698.9 / 80.0) 1169685 (698.9 / 99.0) 303579	(10.12 , 1.07) (N/A , 0.00 , 0.0)	1120.8 618.6	0.2595 112.0 129.7	4.1774 [4.8478]	86.2%			
4:2FTS	(327.0 / 307.0) 1111684 (327.0 / 81.0) 612872	(5.84 , 1.00) (0.00 , N/A , 0.1)	1135.1 857.3	0.5513 92.3 96.7	18.4301 [18.6906]	98.6%			
6:2FTS	(427.0 / 407.0) 730905 (427.0 / 81.0) 474900	(7.57 , 1.00) (0.00 , N/A , 0.1)	1166.3 838.5	0.6497 90.3 90.9	19.4761 [18.9808]	102.6%			
8:2FTS	(527.0 / 507.0) 632801 (527.0 / 81.0) 399846	(9.00 , 1.00) (0.00 , N/A , 0.0)	515.0 756.8	0.6319 101.4 98.7	18.7383 [19.1658]	97.8%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (41)
Acquired: 2022/12/09 - 21:12

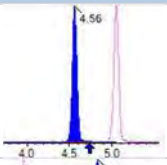
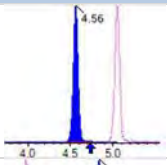
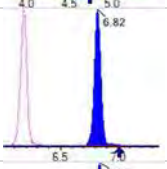
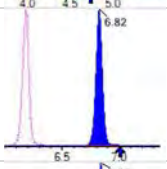
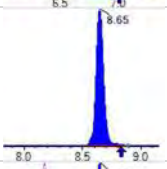
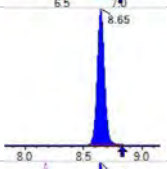
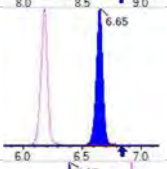
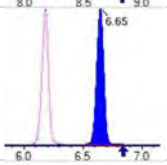
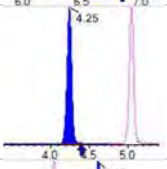
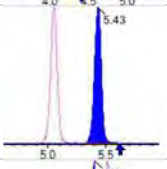
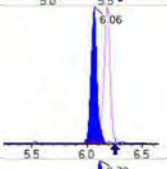
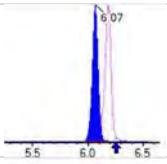
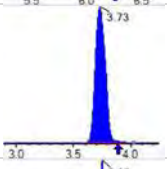
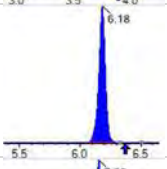
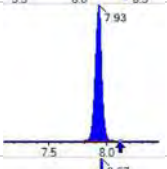
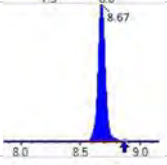
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 2189359 (498.0 / 478.0) 46194	(10.19 , 1.00) (0.00 , N/A , 0.3)	969.4 431.6	0.0211 88.4 84.0	4.6508 [5.0000]	93.0%			
NMeFOSA	(511.9 / 219.0) 1886506 (511.9 / 169.0) 1278461	(10.61 , 1.00) (0.00 , N/A , 0.1)	1286.1 787.7	0.6777 101.6 104.1	18.1225 [20.0000]	90.6%			
NEtFOSA	(526.0 / 219.0) 2077552 (526.0 / 169.0) 2180417	(10.70 , 1.00) (0.00 , N/A , 0.0)	1387.1 1555.7	1.0495 96.3 98.3	18.2541 [20.0000]	91.3%			
NMeFOSAA	(570.0 / 419.0) 242101 (570.0 / 483.0) 117983	(9.54 , 1.00) (0.00 , N/A , 0.1)	378.9 319.6	0.4873 105.1 96.2	4.4733 [5.0000]	89.5%			
NEtFOSAA	(584.0 / 419.0) 224237 (584.0 / 526.0) 147111	(9.71 , 1.00) (0.01 , N/A , 0.2)	487.1 17595.8	0.6561 108.1 111.7	3.8876 [5.0000]	77.8%			
NMeFOSE	(616.1 / 59.0) 592578	(10.58 , 1.00) (0.01 , N/A , 0.0)	989.7	N/A 0.0 0.0	19.3142 [20.0000]	96.6%			
NEtFOSE	(630.0 / 59.0) 140962	(10.68 , 1.00) (0.01 , N/A , 0.0)	1208.4	N/A 0.0 0.0	18.6516 [20.0000]	93.3%			
HFPO-DA	(285.0 / 169.0) 492630 (285.0 / 185.0) 1527848	(6.53 , 1.00) (0.00 , N/A , 0.1)	778.3 995.3	3.1014 111.9 104.3	8.9826 [10.0000]	89.8%			
ADONA	(377.0 / 85.0) 2005450 (377.0 / 251.0) 247762	(7.43 , 1.14) (N/A , -0.02 , 0.0)	1035.2 605.9	0.1235 98.3 96.5	9.0434 [9.4270]	95.9%			
9Cl-Pf3ONS	(531.0 / 351.0) 5356537 (533.0 / 353.0) 1832371	(9.74 , 1.49) (N/A , 0.00 , 0.0)	778.2 816.5	0.3421 102.5 108.7	8.7778 [9.3325]	94.1%			
11Cl-PF3OUDS	(631.0 / 451.0) 3753349 (633.0 / 453.0) 1240497	(10.02 , 1.53) (N/A , 0.00 , 0.0)	748.5 795.0	0.3305 102.2 111.8	8.9395 [9.4321]	94.8%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (41)
Acquired: 2022/12/09 - 21:12

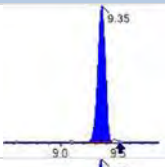
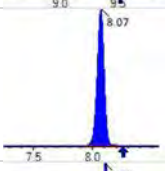
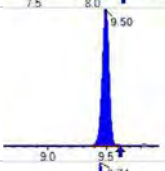
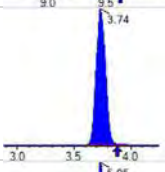
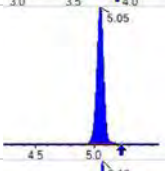
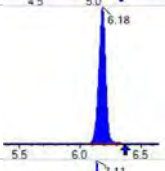
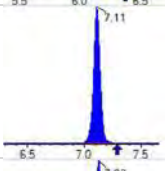
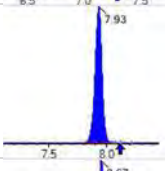
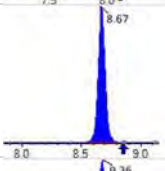
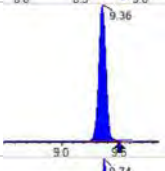
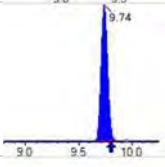
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 68223 (241.0 / 117.0) 112617	(4.56 , 0.90) (N/A , -0.01 , -0.1)	593.2 687.3	1.6507 94.8 98.4	18.5403 [20.0000]	92.7%			
5:3FTCA	(341.0 / 236.7) 485323 (341.0 / 217.0) 802950	(6.82 , 1.10) (N/A , -0.02 , -0.1)	579.6 632.0	1.6545 96.9 99.2	17.2954 [20.0000]	86.5%			
7:3FTCA	(441.0 / 317.0) 583819 (441.0 / 337.0) 536508	(8.65 , 1.40) (N/A , -0.02 , -0.1)	629.3 712.8	0.9190 111.4 111.9	16.1593 [20.0000]	80.8%			
PFEESA	(315.0 / 135.0) 1072073 (315.0 / 83.0) 310223	(6.65 , 1.08) (N/A , -0.02 , 0.2)	884.8 662.1	0.2894 97.3 101.6	7.9379 [8.9246]	88.9%			
PFMPA	(229.0 / 85.0) 198173	(4.25 , 0.84) (N/A , -0.01 , 0.0)	878.4	N/A 0.0 0.0	9.6081 [10.0000]	96.1%			
PFMBA	(279.0 / 85.0) 672533	(5.43 , 1.08) (N/A , -0.02 , 0.0)	879.6	N/A 0.0 0.0	10.4621 [10.0000]	104.6%			
NFDHA	(201.0 / 85.0) 26489 (295.0 / 201.0) 169385	(6.06 , 0.98) (N/A , -0.02 , -0.2)	460.3 1074.4	6.3945 91.4 90.4	8.2484 [10.0000]	82.5%			
13C3_PFBA_IIS	(216.0 / 172.0) 85052	(3.73 , N/A) (N/A , 0.00 , N/A)	636.9	N/A	0.8848 [1.0000]	88.5% { 106.2% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 124929	(6.18 , N/A) (N/A , -0.02 , N/A)	494.9	N/A	1.0117 [1.0000]	101.2% { 106.6% }			
13C4_PFOA_IIS	(417.0 / 372.0) 114757	(7.93 , N/A) (N/A , -0.02 , N/A)	610.9	N/A	0.9680 [1.0000]	96.8% { 104.6% }			
13C5_PFNA_IIS	(468.0 / 423.0) 104177	(8.67 , N/A) (N/A , -0.02 , N/A)	391.0	N/A	1.0938 [1.0000]	109.4% { 106.4% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (41)
Acquired: 2022/12/09 - 21:12

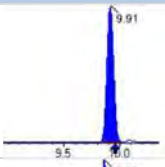
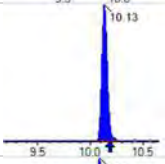
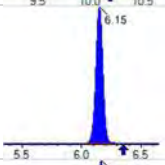
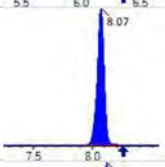
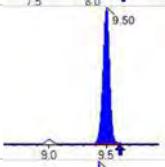
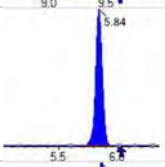
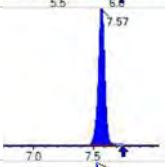
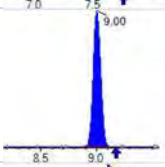
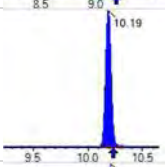
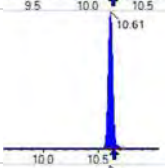
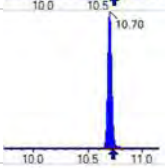
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 95235	(9.35 , N/A) (N/A , -0.02 , N/A)	522.3	N/A	1.1560 [1.0000]	115.6% { 109.2% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 223812	(8.07 , N/A) (N/A , -0.03 , N/A)	881.9	N/A	1.0428 [1.0000]	104.3% { 100.3% }			
13C4_PFOS_IIS	(502.8 / 79.9) 176763	(9.50 , N/A) (N/A , -0.02 , N/A)	257.6	N/A	0.9497 [1.0000]	95.0% { 83.2% }			
13C4_PFBA_EIS	(217.0 / 172.0) 628374	(3.74 , N/A) (N/A , -0.01 , N/A)	789.5	N/A	7.8803 [8.0000]	98.5% { 104.7% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 311675	(5.05 , N/A) (N/A , -0.01 , N/A)	951.1	N/A	3.4201 [4.0000]	85.5% { 92.2% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 262084	(6.18 , N/A) (N/A , -0.02 , N/A)	1020.9	N/A	2.0567 [2.0000]	102.8% { 107.9% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 244937	(7.11 , N/A) (N/A , -0.02 , N/A)	596.0	N/A	2.1295 [2.0000]	106.5% { 105.0% }			
13C8_PFOA_EIS	(421.0 / 376.0) 226884	(7.93 , N/A) (N/A , -0.02 , N/A)	356.8	N/A	1.9438 [2.0000]	97.2% { 97.9% }			
13C9_PFNA_EIS	(472.0 / 427.0) 89658	(8.67 , N/A) (N/A , -0.02 , N/A)	533.3	N/A	0.8721 [1.0000]	87.2% { 96.2% }			
13C6_PFDA_EIS	(519.0 / 474.0) 116067	(9.36 , N/A) (N/A , -0.01 , N/A)	341.4	N/A	0.8390 [1.0000]	83.9% { 91.6% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 139901	(9.74 , N/A) (N/A , 0.00 , N/A)	579.8	N/A	0.7534 [1.0000]	75.3% { 77.9% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (41)
Acquired: 2022/12/09 - 21:12

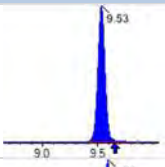
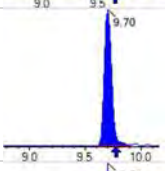
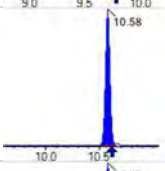
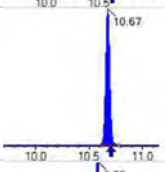
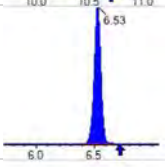
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 176801	(9.91 , N/A) (N/A , 0.00 , N/A)	403.6	N/A	0.7845 [1.0000]	78.5% { 92.9% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 137478	(10.13 , N/A) (N/A , 0.00 , N/A)	449.5	N/A	0.8310 [1.0000]	83.1% { 90.8% }			
13C3_PFBS_EIS	(302.0 / 80.0) 674519	(6.15 , N/A) (N/A , -0.02 , N/A)	877.7	N/A	2.0506 [2.0000]	102.5% { 103.3% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 356698	(8.07 , N/A) (N/A , -0.02 , N/A)	988.8	N/A	1.9051 [2.0000]	95.3% { 94.7% }			
13C8_PFOS_EIS	(507.0 / 80.0) 571921	(9.50 , N/A) (N/A , -0.01 , N/A)	311.1	N/A	2.1224 [2.0000]	106.1% { 104.7% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 69066	(5.84 , N/A) (N/A , -0.02 , N/A)	462.5	N/A	3.7230 [4.0000]	93.1% { 111.2% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 94634	(7.57 , N/A) (N/A , -0.02 , N/A)	728.3	N/A	3.8023 [4.0000]	95.1% { 113.4% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 86017	(9.00 , N/A) (N/A , -0.02 , N/A)	301.5	N/A	3.9818 [4.0000]	99.5% { 107.0% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 847779	(10.19 , N/A) (N/A , 0.00 , N/A)	512.8	N/A	2.0609 [2.0000]	103.0% { 102.3% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 226519	(10.61 , N/A) (N/A , 0.01 , N/A)	896.7	N/A	1.8608 [2.0000]	93.0% { 113.4% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 219797	(10.70 , N/A) (N/A , 0.00 , N/A)	733.8	N/A	1.9914 [2.0000]	99.6% { 110.3% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (41)
Acquired: 2022/12/09 - 21:12

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 248241	(9.53 , N/A) (N/A , 0.00 , N/A)	427.4	N/A	4.1408 [4.0000]	103.5% { 96.9% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 251415	(9.70 , N/A) (N/A , 0.00 , N/A)	193.9	N/A	4.8793 [4.0000]	122.0% { 103.4% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 436452	(10.58 , N/A) (N/A , 0.01 , N/A)	900.8	N/A	20.9914 [20.0000]	105.0% { 106.9% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 220741	(10.67 , N/A) (N/A , 0.00 , N/A)	1074.1	N/A	20.8363 [20.0000]	104.2% { 105.2% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 660606	(6.53 , N/A) (N/A , -0.02 , N/A)	1117.5	N/A	7.8714 [8.0000]	98.4% { 104.6% }			

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2251019b
Standard ID:b	22L03040	Sequence:b	SB03858b

Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03858-CCV1b	PFBAb	20.0b	20.6b	103b	ng/mLb	+/- 30.00%b
	PFPEAb	10.0b	9.61b	96.1b	ng/mLb	+/- 30.00%b
	PFHXAb	5.00b	5.34b	107b	ng/mLb	+/- 30.00%b
	PFHPAb	5.00b	5.07b	101b	ng/mLb	+/- 30.00%b
	PFOAb	5.00b	5.02b	100b	ng/mLb	+/- 30.00%b
	PFNAb	5.00b	5.25b	105b	ng/mLb	+/- 30.00%b
	PFDAb	5.00b	5.33b	107b	ng/mLb	+/- 30.00%b
	PFUnAb	5.00b	5.28b	106b	ng/mLb	+/- 30.00%b
	PFDOAb	5.00b	4.52b	90.5b	ng/mLb	+/- 30.00%b
	PFTRDAb	5.00b	4.87b	97.4b	ng/mLb	+/- 30.00%b
	PFTEDAb	5.00b	5.34b	107b	ng/mLb	+/- 30.00%b
	PFBSb	4.42b	4.74b	107b	ng/mLb	+/- 30.00%b
	PFPESb	4.70b	4.64b	98.7b	ng/mLb	+/- 30.00%b
	PFHXSb	4.58b	4.51b	98.4b	ng/mLb	+/- 30.00%b
	PFHPSb	4.78b	5.21b	109b	ng/mLb	+/- 30.00%b
	PFOSb	4.65b	5.47b	118b	ng/mLb	+/- 30.00%b
	PFNSb	4.80b	5.74b	120b	ng/mLb	+/- 30.00%b
	PFDSb	4.82b	5.66b	117b	ng/mLb	+/- 30.00%b
	4:2FTSb	18.8b	19.3b	103b	ng/mLb	+/- 30.00%b
	6:2FTSb	19.0b	18.9b	99.5b	ng/mLb	+/- 30.00%b
	8:2FTSb	19.2b	24.1b	126b	ng/mLb	+/- 30.00%b
	PFOSAb	5.00b	5.21b	104b	ng/mLb	+/- 30.00%b
	NMeFOSAb	20.0b	21.0b	105b	ng/mLb	+/- 30.00%b
	NEtFOSAb	20.0b	20.0b	99.9b	ng/mLb	+/- 30.00%b
	NMeFOSAAb	5.00b	5.36b	107b	ng/mLb	+/- 30.00%b
	NEtFOSAAb	5.00b	4.56b	91.2b	ng/mLb	+/- 30.00%b
	NMeFOSEb	20.0b	20.9b	105b	ng/mLb	+/- 30.00%b
	NEtFOSEb	20.0b	18.6b	92.8b	ng/mLb	+/- 30.00%b
	HFPO-DAb	10.0b	9.92b	99.2b	ng/mLb	+/- 30.00%b
	ADONAb	9.45b	9.18b	97.1b	ng/mLb	+/- 30.00%b

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2251019b
Standard ID:b	22L03040	Sequence:b	SB03858b

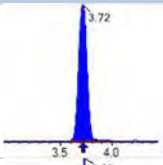
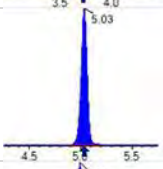
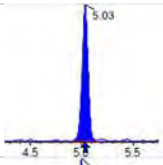
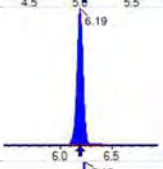
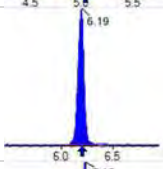
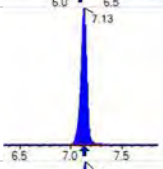
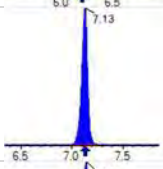
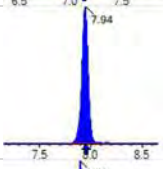
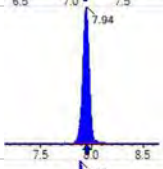
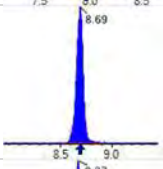
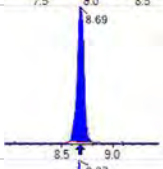
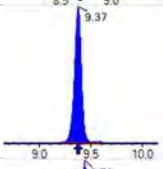
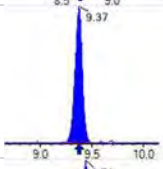
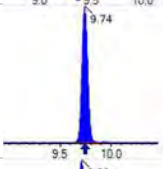
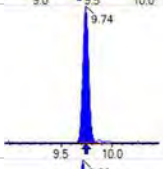
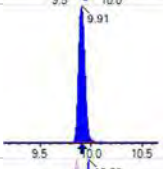
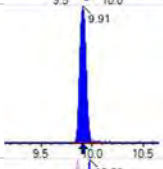
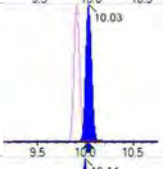
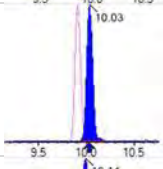
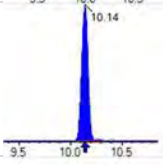
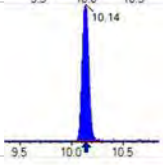
Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03858-CCV1b	9CL-PF3ONSb	9.35b	8.98b	96.0b	ng/mLb	+/- 30.00%b
	11CL-PF3OUDSb	9.45b	9.15b	96.8b	ng/mLb	+/- 30.00%b

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (3)
Acquired: 2022/12/15 - 15:19

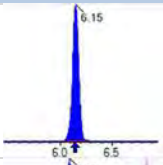
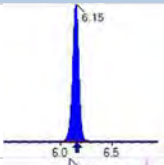
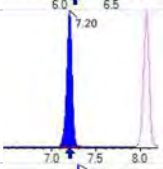
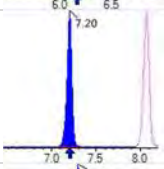
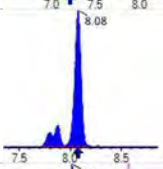
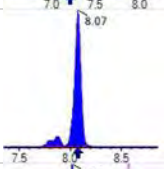
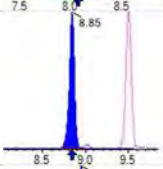
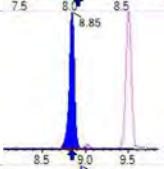
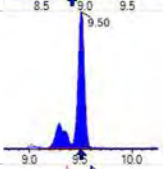
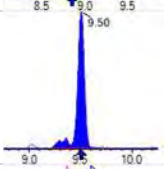
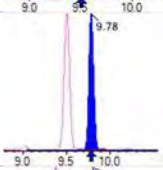
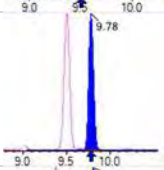
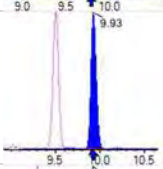
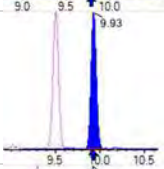
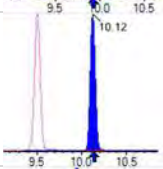
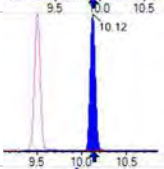
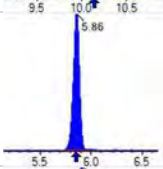
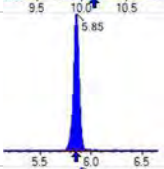
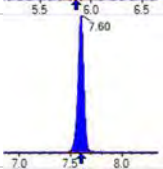
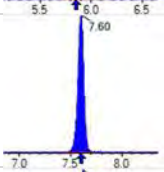
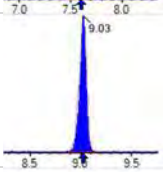
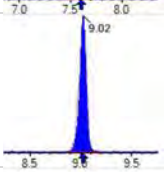
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) 1277565	(3.72 , 1.00) (0.00 , N/A , 0.0)	56.8	N/A 0.0 0.0	20.6482 [20.0000]	103.2%			
PFPeA	(262.9 / 219.0) 853322 (262.9 / 69.0) 9530	(5.03 , 1.00) (0.00 , N/A , 0.0)	903.1 259.5	0.0112 13085.0 100.0	9.6115 [10.0000]	96.1%			
PFHxA	(313.0 / 269.0) 704346 (313.0 / 119.0) 65222	(6.19 , 1.00) (0.00 , N/A , 0.0)	674.5 473.0	0.0926 94.4 100.0	5.3359 [5.0000]	106.7%			
PFHpA	(363.0 / 319.0) 634600 (363.0 / 169.0) 188455	(7.13 , 1.00) (0.00 , N/A , 0.1)	530.6 794.7	0.2970 95.0 100.0	5.0746 [5.0000]	101.5%			
PFOA	(413.0 / 369.0) 638335 (413.0 / 169.0) 200363	(7.94 , 1.00) (0.00 , N/A , 0.0)	704.3 582.6	0.3139 93.2 100.0	5.0230 [5.0000]	100.5%			
PFNA	(463.0 / 419.0) 472406 (463.0 / 169.0) 103120	(8.69 , 1.00) (0.00 , N/A , 0.1)	497.5 107.0	0.2183 108.8 100.0	5.2527 [5.0000]	105.1%			
PFDA	(513.0 / 469.0) 656288 (513.0 / 169.0) 63241	(9.37 , 1.00) (0.01 , N/A , 0.1)	385.4 479.8	0.0964 121.1 100.0	5.3342 [5.0000]	106.7%			
PFUnA	(563.0 / 519.0) 777022 (563.0 / 169.0) 86139	(9.74 , 1.00) (0.00 , N/A , 0.0)	646.7 317.7	0.1109 99.0 100.0	5.2776 [5.0000]	105.6%			
PFDoA	(613.0 / 569.0) 933448 (613.0 / 169.0) 124494	(9.91 , 1.00) (0.00 , N/A , -0.1)	611.2 400.2	0.1334 106.2 100.0	4.5250 [5.0000]	90.5%			
PFTrDA	(663.0 / 619.0) 829233 (663.0 / 169.0) 157104	(10.03 , 1.01) (N/A , 0.00 , 0.0)	954.9 408.1	0.1895 90.6 100.0	4.8710 [5.0000]	97.4%			
PFTeDA	(713.0 / 669.0) 742470 (713.0 / 169.0) 122885	(10.14 , 1.00) (0.00 , N/A , 0.3)	635.7 477.0	0.1655 72.9 100.0	5.3366 [5.0000]	106.7%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (3)
Acquired: 2022/12/15 - 15:19

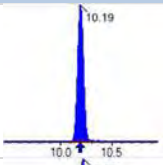
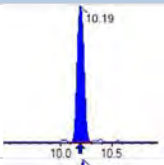
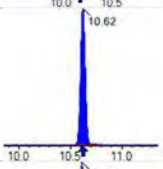
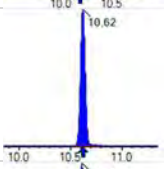
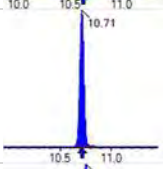
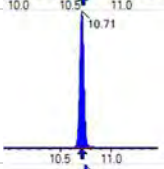
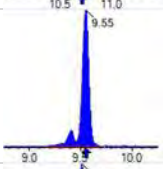
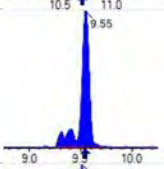
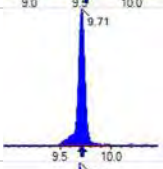
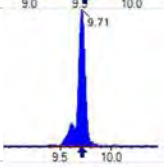
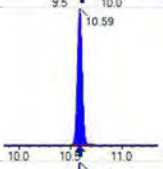
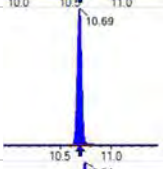
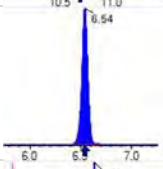
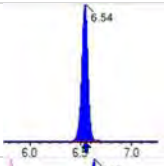
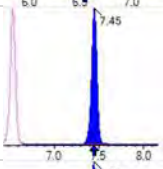
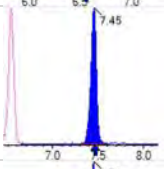
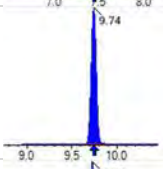
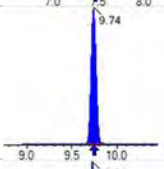
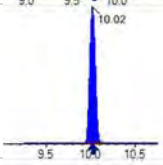
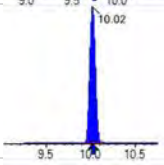
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) 924466 (298.9 / 99.0) 608746	(6.15 , 1.00) (0.00 , N/A , -0.1)	796.0 812.2	0.6585 96.8 100.0	4.7431 [4.4237]	107.2%			
PFPeS	(349.0 / 80.0) 1770874 (349.0 / 99.0) 687323	(7.20 , 0.89) (N/A , 0.00 , -0.1)	885.5 798.8	0.3881 103.9 100.0	4.6395 [4.6919]	98.9%			
PFHxS	(399.0 / 80.0) 1458013 (399.0 / 99.0) 516494	(8.08 , 1.00) (0.00 , N/A , 0.1)	2775.9 15942.5	0.3542 103.3 100.0	4.5058 [4.5549]	98.9%			
PFHpS	(449.0 / 80.0) 1317403 (449.0 / 99.0) 347201	(8.85 , 0.93) (N/A , 0.00 , 0.0)	725.0 519.7	0.2635 89.8 100.0	5.2110 [4.7570]	109.5%			
PFOS	(499.0 / 80.0) 1713378 (499.0 / 99.0) 396634	(9.50 , 1.00) (0.00 , N/A , 0.1)	138.8 173.7	0.2315 101.3 100.0	5.4666 [4.6375]	117.9%			
PFNS	(549.0 / 80.0) 2067769 (549.0 / 99.0) 513237	(9.78 , 1.03) (N/A , 0.00 , 0.1)	1017.6 551.6	0.2482 99.5 100.0	5.7373 [4.7994]	119.5%			
PFDS	(599.0 / 80.0) 2518265 (599.0 / 99.0) 563912	(9.93 , 1.04) (N/A , 0.00 , -0.1)	847.2 495.7	0.2239 87.8 100.0	5.6625 [4.8155]	117.6%			
PFDoS	(698.9 / 80.0) 1447136 (698.9 / 99.0) 347339	(10.12 , 1.07) (N/A , 0.00 , 0.0)	1412.0 1149.2	0.2400 116.8 100.0	6.2340 [4.8478]	128.6%			
4:2FTS	(327.0 / 307.0) 1298757 (327.0 / 81.0) 727255	(5.86 , 1.00) (0.00 , N/A , 0.1)	912.7 778.9	0.5600 112.0 100.0	19.3477 [18.6906]	103.5%			
6:2FTS	(427.0 / 407.0) 801658 (427.0 / 81.0) 595546	(7.60 , 1.00) (0.00 , N/A , 0.0)	1090.5 962.8	0.7429 103.7 100.0	18.9089 [18.9808]	99.6%			
8:2FTS	(527.0 / 507.0) 737270 (527.0 / 81.0) 452324	(9.03 , 1.00) (0.00 , N/A , 0.1)	606.6 637.4	0.6135 87.2 100.0	24.1271 [19.1658]	125.9%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (3)
Acquired: 2022/12/15 - 15:19

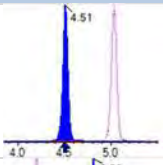
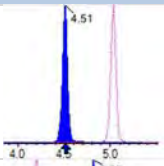
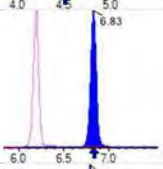
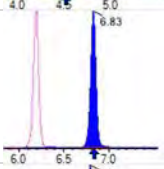
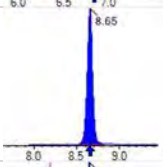
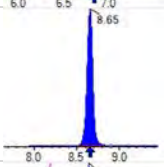
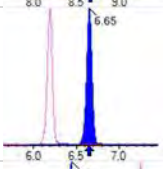
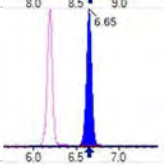
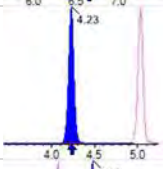
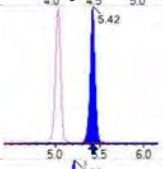
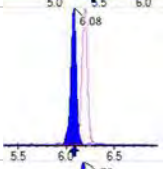
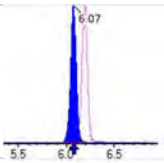
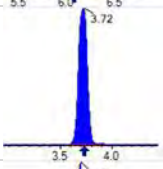
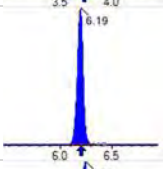
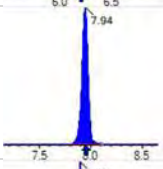
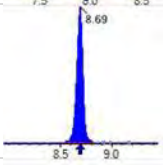
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 2398237 (498.0 / 478.0) 44273	(10.19 , 1.00) (0.00 , N/A , 0.0)	1058.5 200.8	0.0185 78.1 100.0	5.2123 [5.0000]	104.2%			
NMeFOSA	(511.9 / 219.0) 2062308 (511.9 / 169.0) 1370683	(10.62 , 1.00) (0.00 , N/A , 0.0)	923.9 1155.0	0.6646 95.3 100.0	21.0064 [20.0000]	105.0%			
NEtFOSA	(526.0 / 219.0) 2243550 (526.0 / 169.0) 2369237	(10.71 , 1.00) (0.00 , N/A , 0.0)	1421.6 1372.2	1.0560 93.8 100.0	19.9785 [20.0000]	99.9%			
NMeFOSAA	(570.0 / 419.0) 290354 (570.0 / 483.0) 148632	(9.55 , 1.00) (0.00 , N/A , -0.1)	372.8 808.0	0.5119 109.0 100.0	5.3611 [5.0000]	107.2%			
NEtFOSAA	(584.0 / 419.0) 278836 (584.0 / 526.0) 175616	(9.71 , 1.00) (0.00 , N/A , -0.1)	438.7 4311.8	0.6298 81.8 100.0	4.5600 [5.0000]	91.2%			
NMeFOSE	(616.1 / 59.0) 669129	(10.59 , 1.00) (0.00 , N/A , 0.0)	1270.1	N/A 0.0 0.0	20.9433 [20.0000]	104.7%			
NEtFOSE	(630.0 / 59.0) 165055	(10.69 , 1.00) (0.01 , N/A , 0.0)	1165.7	N/A 0.0 0.0	18.5699 [20.0000]	92.8%			
HFPO-DA	(285.0 / 169.0) 601199 (285.0 / 185.0) 1694038	(6.54 , 1.00) (0.00 , N/A , 0.0)	1091.5 974.5	2.8178 110.5 100.0	9.9247 [10.0000]	99.2%			
ADONA	(377.0 / 85.0) 2305308 (377.0 / 251.0) 276852	(7.45 , 1.14) (N/A , 0.00 , -0.2)	825.5 542.7	0.1201 95.8 100.0	9.1801 [9.4270]	97.4%			
9Cl-Pf3ONS	(531.0 / 351.0) 6393889 (533.0 / 353.0) 2005607	(9.74 , 1.49) (N/A , 0.00 , 0.1)	871.9 648.9	0.3137 99.0 100.0	8.9785 [9.3325]	96.2%			
11Cl-PF3OUDS	(631.0 / 451.0) 4293265 (633.0 / 453.0) 1355446	(10.02 , 1.53) (N/A , 0.00 , 0.0)	774.5 1369.2	0.3157 107.9 100.0	9.1491 [9.4321]	97.0%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (3)
Acquired: 2022/12/15 - 15:19

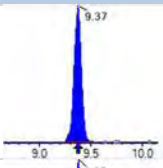
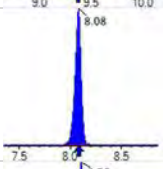
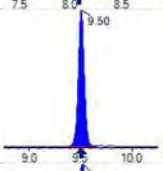
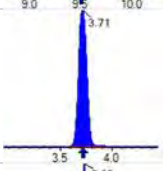
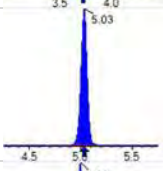
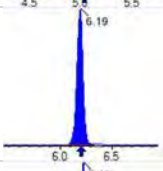
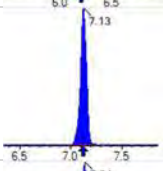
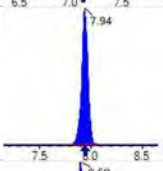
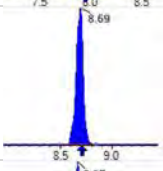
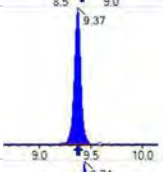
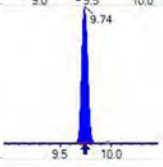
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 72777 (241.0 / 117.0) 125531	(4.51 , 0.90) (N/A , 0.00 , 0.0)	725.2 759.7	1.7249 0.1 100.0	19.1124 [20.0000]	95.6%			IR1,
5:3FTCA	(341.0 / 236.7) 541033 (341.0 / 217.0) 931288	(6.83 , 1.10) (N/A , 0.00 , 0.1)	737.0 690.8	1.7213 108.9 100.0	20.1285 [20.0000]	100.6%			
7:3FTCA	(441.0 / 317.0) 653183 (441.0 / 337.0) 550171	(8.65 , 1.40) (N/A , 0.00 , 0.0)	525.5 466.7	0.8423 103.6 100.0	21.5330 [20.0000]	107.7%			
PFEESA	(315.0 / 135.0) 1259058 (315.0 / 83.0) 374006	(6.65 , 1.07) (N/A , 0.00 , 0.2)	961.7 942.2	0.2971 105.1 100.0	9.2880 [8.9246]	104.1%			
PFMPA	(229.0 / 85.0) 232383	(4.23 , 0.84) (N/A , 0.00 , 0.0)	1012.3	N/A 0.0 0.0	9.6976 [10.0000]	97.0%			
PFMBA	(279.0 / 85.0) 821325	(5.42 , 1.08) (N/A , 0.00 , 0.0)	864.9	N/A 0.0 0.0	10.4994 [10.0000]	105.0%			
NFDHA	(201.0 / 85.0) 28953 (295.0 / 201.0) 200274	(6.08 , 0.98) (N/A , 0.00 , 0.1)	307.3 700.3	6.9172 0.9 100.0	11.0187 [10.0000]	110.2%			IR1,
13C3_PFBA_IIS	(216.0 / 172.0) 87463	(3.72 , N/A) (N/A , 0.00 , N/A)	568.5	N/A	1.0004 [1.0000]	100.0% { 100.0% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 125971	(6.19 , N/A) (N/A , 0.00 , N/A)	371.1	N/A	0.9574 [1.0000]	95.7% { 100.0% }			
13C4_PFOA_IIS	(417.0 / 372.0) 134675	(7.94 , N/A) (N/A , 0.00 , N/A)	606.4	N/A	1.0759 [1.0000]	107.6% { 100.0% }			
13C5_PFNA_IIS	(468.0 / 423.0) 101063	(8.69 , N/A) (N/A , 0.00 , N/A)	310.6	N/A	1.0125 [1.0000]	101.2% { 100.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (3)
Acquired: 2022/12/15 - 15:19

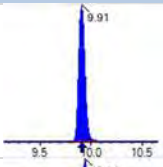
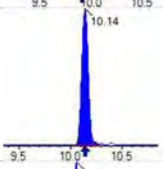
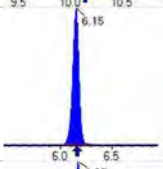
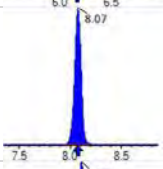
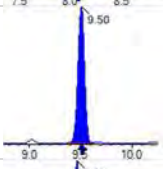
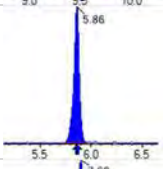
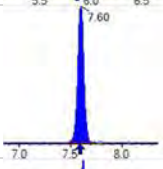
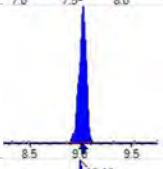
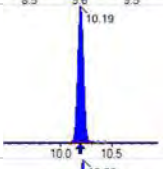
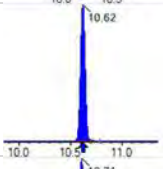
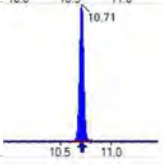
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 111605	(9.37 , N/A) (N/A , 0.00 , N/A)	299.5	N/A	1.0762 [1.0000]	107.6% { 100.0% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 245418	(8.08 , N/A) (N/A , 0.00 , N/A)	839.0	N/A	1.0373 [1.0000]	103.7% { 100.0% }			
13C4_PFOS_IIS	(502.8 / 79.9) 209553	(9.50 , N/A) (N/A , 0.00 , N/A)	336.5	N/A	1.0445 [1.0000]	104.5% { 100.0% }			
13C4_PFBA_EIS	(217.0 / 172.0) 745266	(3.71 , N/A) (N/A , 0.00 , N/A)	909.6	N/A	8.2302 [8.0000]	102.9% { 100.0% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 392252	(5.03 , N/A) (N/A , 0.00 , N/A)	1125.2	N/A	4.2295 [4.0000]	105.7% { 100.0% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 290990	(6.19 , N/A) (N/A , 0.00 , N/A)	506.3	N/A	1.9623 [2.0000]	98.1% { 100.0% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 276978	(7.13 , N/A) (N/A , 0.00 , N/A)	552.6	N/A	2.1141 [2.0000]	105.7% { 100.0% }			
13C8_PFOA_EIS	(421.0 / 376.0) 268163	(7.94 , N/A) (N/A , 0.00 , N/A)	799.5	N/A	1.8020 [2.0000]	90.1% { 100.0% }			
13C9_PFNA_EIS	(472.0 / 427.0) 106432	(8.69 , N/A) (N/A , 0.00 , N/A)	404.2	N/A	0.9641 [1.0000]	96.4% { 100.0% }			
13C6_PFDA_EIS	(519.0 / 474.0) 133451	(9.37 , N/A) (N/A , 0.00 , N/A)	244.9	N/A	0.8824 [1.0000]	88.2% { 100.0% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 197550	(9.74 , N/A) (N/A , 0.00 , N/A)	365.8	N/A	0.9072 [1.0000]	90.7% { 100.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (3)
Acquired: 2022/12/15 - 15:19

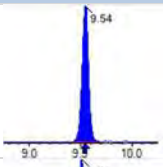
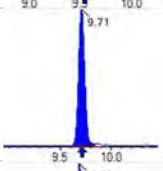
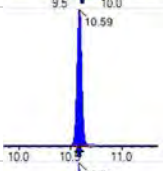
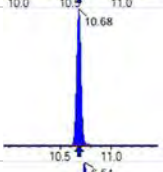
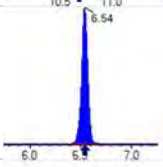
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 257530	(9.91 , N/A) (N/A , 0.00 , N/A)	546.3	N/A	1.0487 [1.0000]	104.9% { 100.0% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 145371	(10.14 , N/A) (N/A , 0.00 , N/A)	381.7	N/A	0.9740 [1.0000]	97.4% { 100.0% }			
13C3_PFBS_EIS	(302.0 / 80.0) 713630	(6.15 , N/A) (N/A , 0.00 , N/A)	867.4	N/A	1.7804 [2.0000]	89.0% { 100.0% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 406930	(8.07 , N/A) (N/A , 0.00 , N/A)	966.3	N/A	1.9577 [2.0000]	97.9% { 100.0% }			
13C8_PFOS_EIS	(507.0 / 80.0) 570335	(9.50 , N/A) (N/A , 0.00 , N/A)	378.8	N/A	1.6568 [2.0000]	82.8% { 100.0% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 84195	(5.86 , N/A) (N/A , 0.00 , N/A)	430.1	N/A	3.7253 [4.0000]	93.1% { 100.0% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 109832	(7.60 , N/A) (N/A , 0.00 , N/A)	651.5	N/A	3.7920 [4.0000]	94.8% { 100.0% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 83392	(9.02 , N/A) (N/A , 0.00 , N/A)	348.9	N/A	3.2115 [4.0000]	80.3% { 100.0% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 924534	(10.19 , N/A) (N/A , 0.00 , N/A)	592.9	N/A	1.8455 [2.0000]	92.3% { 100.0% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 246100	(10.62 , N/A) (N/A , 0.00 , N/A)	679.8	N/A	1.9719 [2.0000]	98.6% { 100.0% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 246293	(10.71 , N/A) (N/A , 0.00 , N/A)	859.7	N/A	2.1133 [2.0000]	105.7% { 100.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (3)
Acquired: 2022/12/15 - 15:19

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 298921	(9.54 , N/A) (N/A , 0.00 , N/A)	368.2	N/A	3.7019 [4.0000]	92.5% { 100.0% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 271335	(9.71 , N/A) (N/A , 0.00 , N/A)	258.6	N/A	4.0432 [4.0000]	101.1% { 100.0% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 501822	(10.59 , N/A) (N/A , 0.00 , N/A)	1054.2	N/A	20.9030 [20.0000]	104.5% { 100.0% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 278475	(10.68 , N/A) (N/A , 0.00 , N/A)	1502.3	N/A	21.5408 [20.0000]	107.7% { 100.0% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 793105	(6.54 , N/A) (N/A , 0.00 , N/A)	1152.5	N/A	8.7841 [8.0000]	109.8% { 100.0% }			

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2251019b
Standard ID:b	22L03040	Sequence:b	SB03858b

Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03858-CCV2b	PFBAb	20.0b	20.8b	104b	ng/mLb	+/- 30.00%b
	PFPEAb	10.0b	9.23b	92.3b	ng/mLb	+/- 30.00%b
	PFHXAb	5.00b	5.00b	100b	ng/mLb	+/- 30.00%b
	PFHPAb	5.00b	4.88b	97.7b	ng/mLb	+/- 30.00%b
	PFOAb	5.00b	4.97b	99.5b	ng/mLb	+/- 30.00%b
	PFNAb	5.00b	5.68b	114b	ng/mLb	+/- 30.00%b
	PFDAb	5.00b	5.19b	104b	ng/mLb	+/- 30.00%b
	PFUnAb	5.00b	4.81b	96.2b	ng/mLb	+/- 30.00%b
	PFDOAb	5.00b	5.58b	112b	ng/mLb	+/- 30.00%b
	PFTRDAb	5.00b	6.00b	120b	ng/mLb	+/- 30.00%b
	PFTEDAb	5.00b	5.85b	117b	ng/mLb	+/- 30.00%b
	PFBSb	4.42b	4.64b	105b	ng/mLb	+/- 30.00%b
	PFPESb	4.70b	4.09b	87.0b	ng/mLb	+/- 30.00%b
	PFHXSb	4.58b	4.03b	88.1b	ng/mLb	+/- 30.00%b
	PFHPSb	4.78b	4.04b	84.5b	ng/mLb	+/- 30.00%b
	PFOSb	4.65b	3.58b	76.9b	ng/mLb	+/- 30.00%b
	PFNSb	4.80b	4.01b	83.6b	ng/mLb	+/- 30.00%b
	PFDSb	4.82b	4.20b	87.1b	ng/mLb	+/- 30.00%b
	4:2FTSb	18.8b	19.0b	101b	ng/mLb	+/- 30.00%b
	6:2FTSb	19.0b	17.5b	92.3b	ng/mLb	+/- 30.00%b
	8:2FTSb	19.2b	24.8b	129b	ng/mLb	+/- 30.00%b
	PFOSAb	5.00b	4.62b	92.3b	ng/mLb	+/- 30.00%b
	NMeFOSAb	20.0b	19.9b	99.4b	ng/mLb	+/- 30.00%b
	NEtFOSAb	20.0b	18.4b	91.8b	ng/mLb	+/- 30.00%b
	NMeFOSAAb	5.00b	5.88b	118b	ng/mLb	+/- 30.00%b
	NEtFOSAAb	5.00b	4.53b	90.7b	ng/mLb	+/- 30.00%b
	NMeFOSEb	20.0b	20.9b	104b	ng/mLb	+/- 30.00%b
	NEtFOSEb	20.0b	17.5b	87.4b	ng/mLb	+/- 30.00%b
	HFPO-DAb	10.0b	9.81b	98.1b	ng/mLb	+/- 30.00%b
	ADONAb	9.45b	9.17b	97.0b	ng/mLb	+/- 30.00%b

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2251019b
Standard ID:b	22L03040	Sequence:b	SB03858b

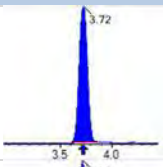
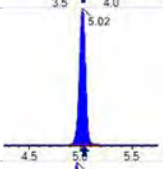
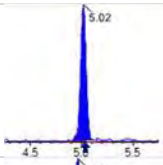
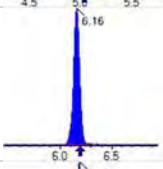
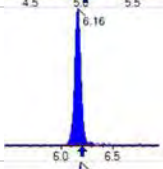
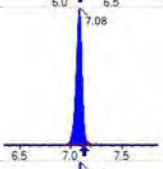
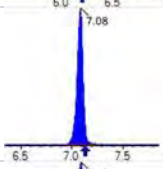
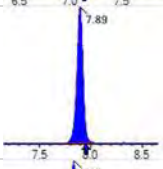
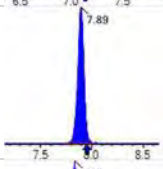
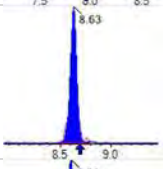
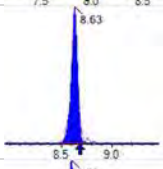
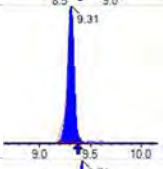
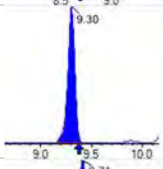
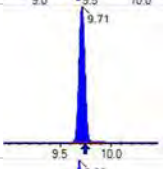
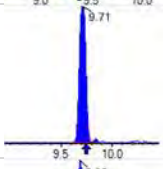
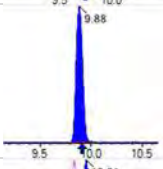
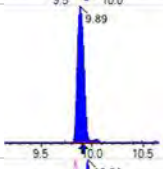
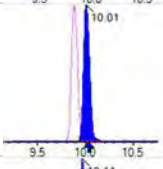
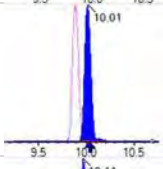
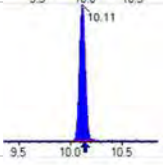
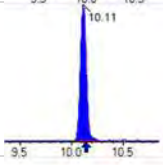
Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03858-CCV2b	9CL-PF3ONSb	9.35b	9.05b	96.8b	ng/mLb	+/- 30.00%b
	11CL-PF3OUDSb	9.45b	8.67b	91.8b	ng/mLb	+/- 30.00%b

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (25)
Acquired: 2022/12/15 - 20:24

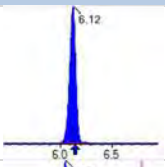
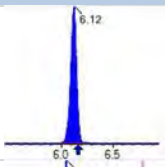
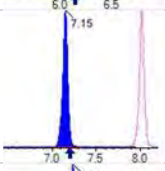
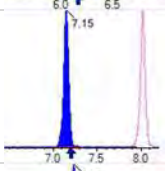
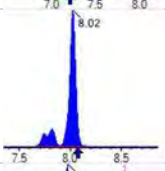
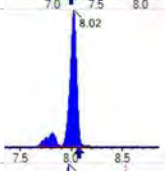
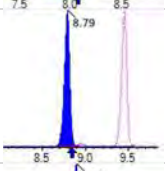
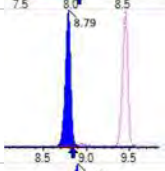
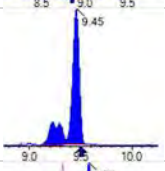
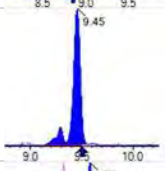
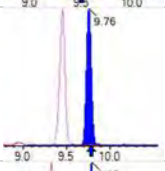
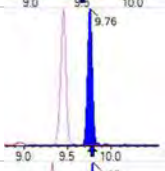
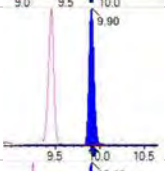
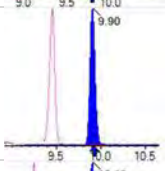
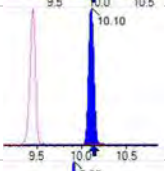
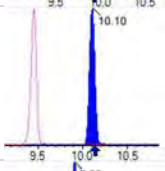
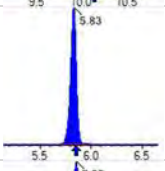
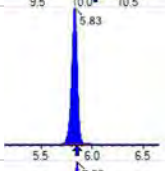
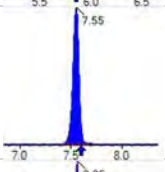
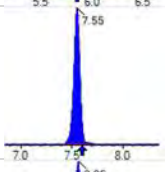
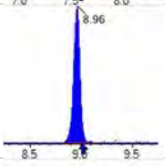
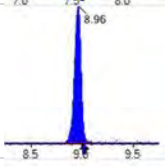
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) 1103802	(3.72 , 1.00) (0.00 , N/A , 0.0)	71.8	N/A 0.0 0.0	20.8301 [20.0000]	104.2%			
PFPeA	(262.9 / 219.0) 814388 (262.9 / 69.0) 9546	(5.02 , 1.00) (0.00 , N/A , 0.1)	849.5 236.8	0.0117 13733.4 105.0	9.2282 [10.0000]	92.3%			
PFHxA	(313.0 / 269.0) 637508 (313.0 / 119.0) 61727	(6.16 , 1.00) (0.00 , N/A , -0.1)	876.7 319.8	0.0968 98.7 104.6	5.0030 [5.0000]	100.1%			
PFHpA	(363.0 / 319.0) 587543 (363.0 / 169.0) 171054	(7.08 , 1.00) (0.00 , N/A , 0.0)	708.3 594.0	0.2911 93.2 98.0	4.8827 [5.0000]	97.7%			
PFOA	(413.0 / 369.0) 587901 (413.0 / 169.0) 206164	(7.89 , 1.00) (0.00 , N/A , 0.1)	765.2 739.7	0.3507 104.1 111.7	4.9733 [5.0000]	99.5%			
PFNA	(463.0 / 419.0) 403493 (463.0 / 169.0) 85134	(8.63 , 1.00) (0.00 , N/A , 0.0)	437.6 120.8	0.2110 105.1 96.7	5.6811 [5.0000]	113.6%			
PFDA	(513.0 / 469.0) 573673 (513.0 / 169.0) 50203	(9.31 , 1.00) (0.00 , N/A , 0.3)	434.2 227.6	0.0875 110.0 90.8	5.1873 [5.0000]	103.7%			
PFUnA	(563.0 / 519.0) 668230 (563.0 / 169.0) 74814	(9.71 , 1.00) (0.00 , N/A , 0.1)	444.2 229.0	0.1120 100.0 101.0	4.8085 [5.0000]	96.2%			
PFDoA	(613.0 / 569.0) 946915 (613.0 / 169.0) 102923	(9.88 , 1.00) (0.00 , N/A , -0.2)	781.4 265.8	0.1087 86.5 81.5	5.5845 [5.0000]	111.7%			
PFTrDA	(663.0 / 619.0) 839946 (663.0 / 169.0) 165766	(10.01 , 1.01) (N/A , -0.02 , -0.1)	996.8 306.2	0.1974 94.4 104.2	6.0026 [5.0000]	120.1%			
PFTeDA	(713.0 / 669.0) 797222 (713.0 / 169.0) 116517	(10.11 , 1.00) (0.00 , N/A , 0.0)	647.0 490.7	0.1462 64.4 88.3	5.8537 [5.0000]	117.1%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (25)
Acquired: 2022/12/15 - 20:24

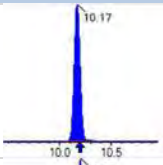
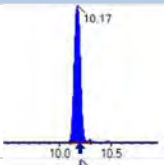
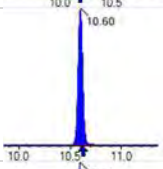
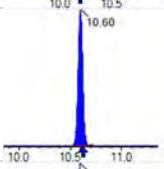
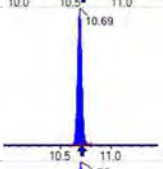
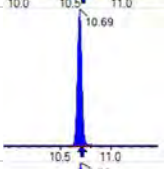
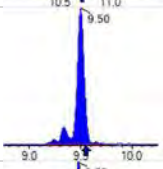
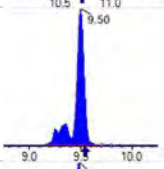
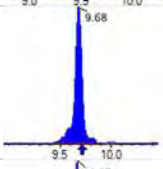
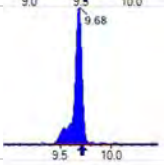
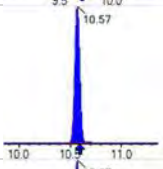
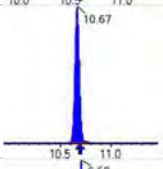
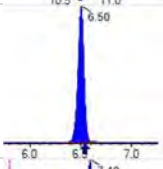
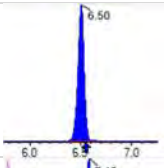
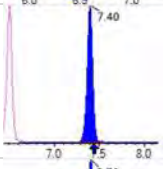
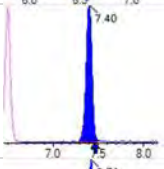
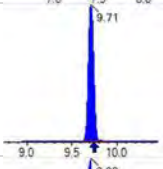
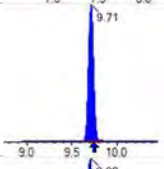
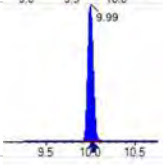
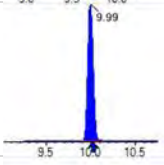
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) 863244 (298.9 / 99.0) 575565	(6.12 , 1.00) (0.00 , N/A , 0.0)	662.7 981.4	0.6667 98.0 101.3	4.6416 [4.4237]	104.9%			
PFPeS	(349.0 / 80.0) 1596851 (349.0 / 99.0) 601490	(7.15 , 0.89) (N/A , -0.05 , 0.1)	798.9 1133.2	0.3767 100.9 97.0	4.0899 [4.6919]	87.2%			
PFHxS	(399.0 / 80.0) 1335073 (399.0 / 99.0) 458411	(8.02 , 1.00) (0.00 , N/A , 0.1)	3158.0 3937.2	0.3434 100.2 96.9	4.0335 [4.5549]	88.6%			
PFHpS	(449.0 / 80.0) 1262371 (449.0 / 99.0) 331866	(8.79 , 0.93) (N/A , -0.06 , 0.1)	685.7 576.9	0.2629 89.6 99.8	4.0408 [4.7570]	84.9%			
PFOS	(499.0 / 80.0) 1385072 (499.0 / 99.0) 354051	(9.45 , 1.00) (0.00 , N/A , 0.0)	118.7 152.9	0.2556 111.8 110.4	3.5761 [4.6375]	77.1%			
PFNS	(549.0 / 80.0) 1786237 (549.0 / 99.0) 460440	(9.76 , 1.03) (N/A , -0.03 , -0.1)	1277.6 747.6	0.2578 103.3 103.9	4.0107 [4.7994]	83.6%			
PFDS	(599.0 / 80.0) 2306725 (599.0 / 99.0) 514192	(9.90 , 1.05) (N/A , -0.02 , 0.0)	900.7 642.0	0.2229 87.4 99.5	4.1974 [4.8155]	87.2%			
PFDoS	(698.9 / 80.0) 1348896 (698.9 / 99.0) 298103	(10.10 , 1.07) (N/A , -0.02 , 0.0)	1084.1 591.9	0.2210 107.6 92.1	4.7024 [4.8478]	97.0%			
4:2FTS	(327.0 / 307.0) 1242582 (327.0 / 81.0) 738466	(5.83 , 1.00) (0.00 , N/A , 0.0)	674.1 792.2	0.5943 118.9 106.1	19.0028 [18.6906]	101.7%			
6:2FTS	(427.0 / 407.0) 757832 (427.0 / 81.0) 493339	(7.55 , 1.00) (0.00 , N/A , 0.1)	994.9 1006.1	0.6510 90.9 87.6	17.5293 [18.9808]	92.4%			
8:2FTS	(527.0 / 507.0) 725508 (527.0 / 81.0) 471169	(8.96 , 1.00) (0.00 , N/A , 0.0)	588.7 476.0	0.6494 92.3 105.9	24.7523 [19.1658]	129.1%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (25)
Acquired: 2022/12/15 - 20:24

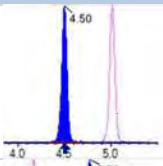
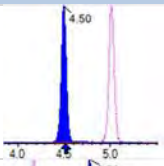
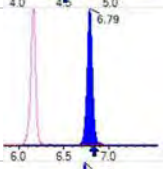
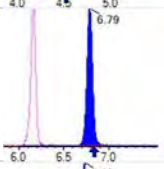
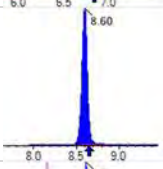
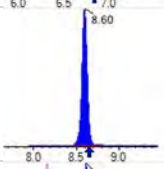
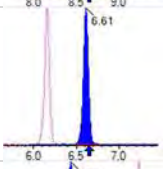
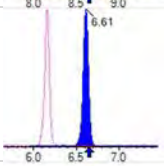
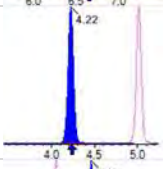
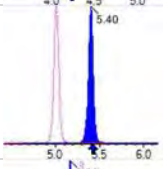
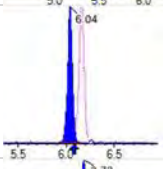
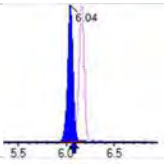
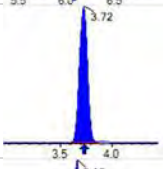
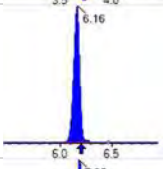
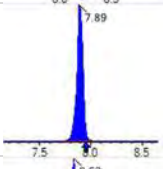
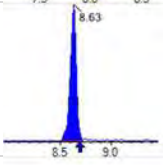
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 2064488 (498.0 / 478.0) 50181	(10.17 , 1.00) (0.00 , N/A , -0.1)	687.5 1339.1	0.0243 102.8 131.7	4.6170 [5.0000]	92.3%			
NMeFOSA	(511.9 / 219.0) 1960748 (511.9 / 169.0) 1377637	(10.60 , 1.00) (0.00 , N/A , 0.0)	792.1 970.2	0.7026 100.8 105.7	19.8820 [20.0000]	99.4%			
NEtFOSA	(526.0 / 219.0) 2048179 (526.0 / 169.0) 2147042	(10.69 , 1.00) (0.00 , N/A , 0.0)	1260.4 1524.5	1.0483 93.1 99.3	18.3606 [20.0000]	91.8%			
NMeFOSAA	(570.0 / 419.0) 294473 (570.0 / 483.0) 144298	(9.50 , 1.00) (0.00 , N/A , 0.1)	383.1 799.1	0.4900 104.3 95.7	5.8787 [5.0000]	117.6%			
NEtFOSAA	(584.0 / 419.0) 257672 (584.0 / 526.0) 173336	(9.68 , 1.00) (0.00 , N/A , -0.1)	686.9 1106.9	0.6727 87.3 106.8	4.5330 [5.0000]	90.7%			
NMeFOSE	(616.1 / 59.0) 614557	(10.57 , 1.00) (0.01 , N/A , 0.0)	796.1	N/A 0.0 0.0	20.8584 [20.0000]	104.3%			
NEtFOSE	(630.0 / 59.0) 148184	(10.67 , 1.00) (0.01 , N/A , 0.0)	1211.8	N/A 0.0 0.0	17.4787 [20.0000]	87.4%			
HFPO-DA	(285.0 / 169.0) 534896 (285.0 / 185.0) 1514240	(6.50 , 1.00) (0.00 , N/A , 0.0)	1093.2 1157.5	2.8309 111.0 100.5	9.8102 [10.0000]	98.1%			
ADONA	(377.0 / 85.0) 2072618 (377.0 / 251.0) 270952	(7.40 , 1.14) (N/A , -0.05 , 0.1)	900.3 526.6	0.1307 104.2 108.9	9.1696 [9.4270]	97.3%			
9Cl-Pf3ONS	(531.0 / 351.0) 5803327 (533.0 / 353.0) 1863592	(9.71 , 1.49) (N/A , -0.03 , 0.0)	572.7 640.1	0.3211 101.4 102.4	9.0537 [9.3325]	97.0%			
11Cl-PF3OUDS	(631.0 / 451.0) 3662166 (633.0 / 453.0) 1179405	(9.99 , 1.54) (N/A , -0.03 , 0.0)	804.8 848.4	0.3221 110.1 102.0	8.6704 [9.4321]	91.9%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (25)
Acquired: 2022/12/15 - 20:24

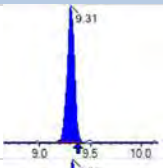
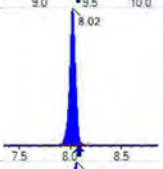
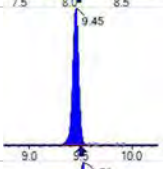
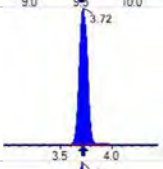
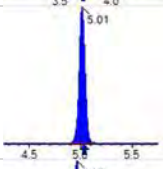
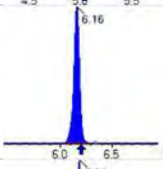
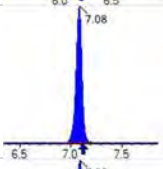
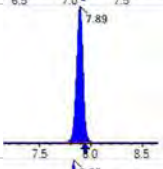
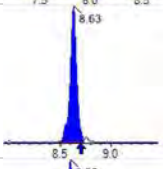
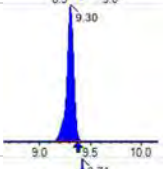
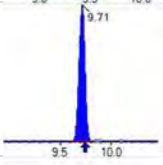
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 69008 (241.0 / 117.0) 124172	(4.50 , 0.90) (N/A , -0.01 , 0.1)	769.7 724.6	1.7994 0.1 104.3	18.2317 [20.0000]	91.2%			IR1,
5:3FTCA	(341.0 / 236.7) 555200 (341.0 / 217.0) 849943	(6.79 , 1.10) (N/A , -0.04 , 0.1)	722.6 685.2	1.5309 96.9 88.9	21.3975 [20.0000]	107.0%			
7:3FTCA	(441.0 / 317.0) 616926 (441.0 / 337.0) 496419	(8.60 , 1.40) (N/A , -0.06 , 0.1)	484.8 531.5	0.8047 98.9 95.5	21.0682 [20.0000]	105.3%			
PFEESA	(315.0 / 135.0) 1204439 (315.0 / 83.0) 345731	(6.61 , 1.07) (N/A , -0.04 , 0.0)	925.4 987.3	0.2870 101.6 96.6	9.2042 [8.9246]	103.1%			
PFMPA	(229.0 / 85.0) 220816	(4.22 , 0.84) (N/A , -0.01 , 0.0)	1131.7	N/A 0.0 0.0	9.2703 [10.0000]	92.7%			
PFMBA	(279.0 / 85.0) 719819	(5.40 , 1.08) (N/A , -0.02 , 0.0)	942.0	N/A 0.0 0.0	9.2572 [10.0000]	92.6%			
NFDHA	(201.0 / 85.0) 23049 (295.0 / 201.0) 200285	(6.04 , 0.98) (N/A , -0.04 , -0.2)	378.2 793.4	8.6894 1.1 125.6	9.0667 [10.0000]	90.7%			IR1,
13C3_PFBA_IIS	(216.0 / 172.0) 83948	(3.72 , N/A) (N/A , 0.01 , N/A)	743.8	N/A	0.9602 [1.0000]	96.0% { 96.0% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 127668	(6.16 , N/A) (N/A , -0.04 , N/A)	768.7	N/A	0.9703 [1.0000]	97.0% { 101.3% }			
13C4_PFOA_IIS	(417.0 / 372.0) 127608	(7.89 , N/A) (N/A , -0.05 , N/A)	647.5	N/A	1.0195 [1.0000]	101.9% { 94.8% }			
13C5_PFNA_IIS	(468.0 / 423.0) 92513	(8.63 , N/A) (N/A , -0.06 , N/A)	319.2	N/A	0.9268 [1.0000]	92.7% { 91.5% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (25)
Acquired: 2022/12/15 - 20:24

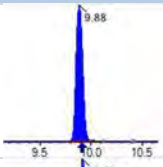
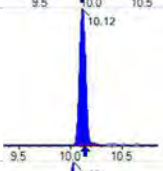
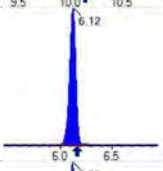
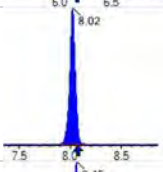
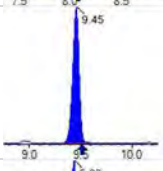
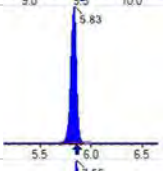
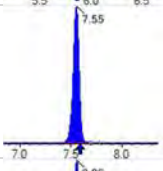
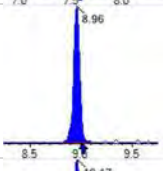
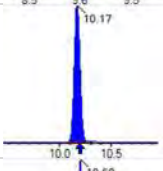
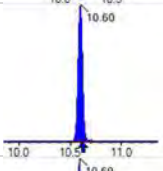
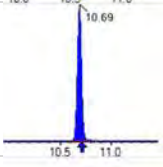
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 89904	(9.31 , N/A) (N/A , -0.06 , N/A)	376.1	N/A	0.8669 [1.0000]	86.7% { 80.6% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 224362	(8.02 , N/A) (N/A , -0.06 , N/A)	826.9	N/A	0.9483 [1.0000]	94.8% { 91.4% }			
13C4_PFOS_IIS	(502.8 / 79.9) 173173	(9.45 , N/A) (N/A , -0.05 , N/A)	426.8	N/A	0.8632 [1.0000]	86.3% { 82.6% }			
13C4_PFBA_EIS	(217.0 / 172.0) 638279	(3.72 , N/A) (N/A , 0.01 , N/A)	731.8	N/A	7.3438 [8.0000]	91.8% { 85.6% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 389905	(5.01 , N/A) (N/A , -0.02 , N/A)	871.2	N/A	4.1483 [4.0000]	103.7% { 99.4% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 280901	(6.16 , N/A) (N/A , -0.03 , N/A)	678.1	N/A	1.8690 [2.0000]	93.5% { 96.5% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 266521	(7.08 , N/A) (N/A , -0.05 , N/A)	768.5	N/A	2.0072 [2.0000]	100.4% { 96.2% }			
13C8_PFOA_EIS	(421.0 / 376.0) 249443	(7.89 , N/A) (N/A , -0.05 , N/A)	972.3	N/A	1.7690 [2.0000]	88.5% { 93.0% }			
13C9_PFNA_EIS	(472.0 / 427.0) 84052	(8.63 , N/A) (N/A , -0.06 , N/A)	270.4	N/A	0.8318 [1.0000]	83.2% { 79.0% }			
13C6_PFDA_EIS	(519.0 / 474.0) 119956	(9.30 , N/A) (N/A , -0.06 , N/A)	12720.5	N/A	0.9847 [1.0000]	98.5% { 89.9% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 186464	(9.71 , N/A) (N/A , -0.03 , N/A)	404.7	N/A	1.0630 [1.0000]	106.3% { 94.4% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (25)
Acquired: 2022/12/15 - 20:24

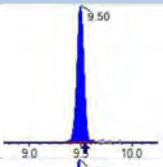
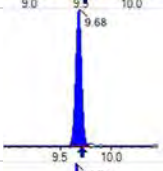
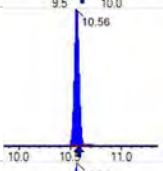
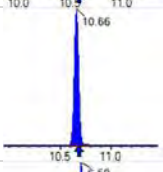
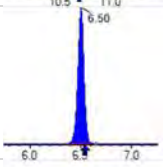
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 211681	(9.88 , N/A) (N/A , -0.03 , N/A)	348.5	N/A	1.0701 [1.0000]	107.0% { 82.2% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 142302	(10.12 , N/A) (N/A , -0.02 , N/A)	400.0	N/A	1.1836 [1.0000]	118.4% { 97.9% }			
13C3_PFBS_EIS	(302.0 / 80.0) 680944	(6.12 , N/A) (N/A , -0.03 , N/A)	766.2	N/A	1.8583 [2.0000]	92.9% { 95.4% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 416247	(8.02 , N/A) (N/A , -0.05 , N/A)	1143.2	N/A	2.1904 [2.0000]	109.5% { 102.3% }			
13C8_PFOS_EIS	(507.0 / 80.0) 704777	(9.45 , N/A) (N/A , -0.05 , N/A)	375.0	N/A	2.4775 [2.0000]	123.9% { 123.6% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 82015	(5.83 , N/A) (N/A , -0.03 , N/A)	579.3	N/A	3.9694 [4.0000]	99.2% { 97.4% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 111999	(7.55 , N/A) (N/A , -0.05 , N/A)	616.8	N/A	4.2298 [4.0000]	105.7% { 102.0% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 79989	(8.96 , N/A) (N/A , -0.07 , N/A)	204.2	N/A	3.3695 [4.0000]	84.2% { 95.9% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 898496	(10.17 , N/A) (N/A , -0.03 , N/A)	667.3	N/A	2.1703 [2.0000]	108.5% { 97.2% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 247213	(10.60 , N/A) (N/A , -0.02 , N/A)	831.8	N/A	2.3969 [2.0000]	119.8% { 100.5% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 244659	(10.69 , N/A) (N/A , -0.02 , N/A)	877.9	N/A	2.5404 [2.0000]	127.0% { 99.3% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (25)
Acquired: 2022/12/15 - 20:24

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 276469	(9.50 , N/A) (N/A , -0.05 , N/A)	396.3	N/A	4.1432 [4.0000]	103.6% { 92.5% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 252235	(9.68 , N/A) (N/A , -0.03 , N/A)	435.5	N/A	4.5482 [4.0000]	113.7% { 93.0% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 462772	(10.56 , N/A) (N/A , -0.02 , N/A)	849.1	N/A	23.3259 [20.0000]	116.6% { 92.2% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 265620	(10.66 , N/A) (N/A , -0.02 , N/A)	1460.8	N/A	24.8628 [20.0000]	124.3% { 95.4% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 713872	(6.50 , N/A) (N/A , -0.04 , N/A)	901.0	N/A	7.8015 [8.0000]	97.5% { 90.0% }			

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2251019b
Standard ID:b	22L03040	Sequence:b	SB03858b

Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03858-CCV3b	PFBAb	20.0b	20.6b	103b	ng/mLb	+/- 30.00%b
	PFPEAb	10.0b	9.36b	93.6b	ng/mLb	+/- 30.00%b
	PFHXAb	5.00b	4.81b	96.2b	ng/mLb	+/- 30.00%b
	PFHPAb	5.00b	5.08b	102b	ng/mLb	+/- 30.00%b
	PFOAb	5.00b	5.27b	105b	ng/mLb	+/- 30.00%b
	PFNAb	5.00b	5.04b	101b	ng/mLb	+/- 30.00%b
	PFDAb	5.00b	5.35b	107b	ng/mLb	+/- 30.00%b
	PFUnAb	5.00b	5.43b	109b	ng/mLb	+/- 30.00%b
	PFDOAb	5.00b	5.26b	105b	ng/mLb	+/- 30.00%b
	PFTRDAb	5.00b	5.37b	107b	ng/mLb	+/- 30.00%b
	PFTEDAb	5.00b	4.44b	88.8b	ng/mLb	+/- 30.00%b
	PFBSb	4.42b	4.32b	97.6b	ng/mLb	+/- 30.00%b
	PFPESb	4.70b	4.26b	90.7b	ng/mLb	+/- 30.00%b
	PFHXSb	4.58b	4.31b	94.2b	ng/mLb	+/- 30.00%b
	PFHPSb	4.78b	4.89b	102b	ng/mLb	+/- 30.00%b
	PFOSb	4.65b	4.76b	102b	ng/mLb	+/- 30.00%b
	PFNSb	4.80b	5.42b	113b	ng/mLb	+/- 30.00%b
	PFDSb	4.82b	5.12b	106b	ng/mLb	+/- 30.00%b
	4:2FTSb	18.8b	18.5b	98.6b	ng/mLb	+/- 30.00%b
	6:2FTSb	19.0b	20.3b	107b	ng/mLb	+/- 30.00%b
	8:2FTSb	19.2b	20.6b	107b	ng/mLb	+/- 30.00%b
	PFOSAb	5.00b	4.94b	98.8b	ng/mLb	+/- 30.00%b
	NMeFOSAb	20.0b	21.2b	106b	ng/mLb	+/- 30.00%b
	NEtFOSAb	20.0b	20.2b	101b	ng/mLb	+/- 30.00%b
	NMeFOSAAb	5.00b	6.33b	127b	ng/mLb	+/- 30.00%b
	NEtFOSAAb	5.00b	5.08b	102b	ng/mLb	+/- 30.00%b
	NMeFOSEb	20.0b	20.3b	102b	ng/mLb	+/- 30.00%b
	NEtFOSEb	20.0b	20.7b	104b	ng/mLb	+/- 30.00%b
	HFPO-DAb	10.0b	10.6b	106b	ng/mLb	+/- 30.00%b
	ADONAb	9.45b	9.44b	99.9b	ng/mLb	+/- 30.00%b

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2251019b
Standard ID:b	22L03040	Sequence:b	SB03858b

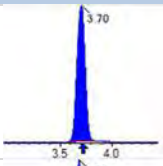
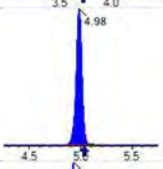
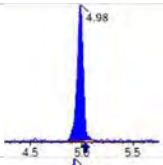
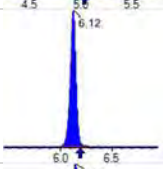
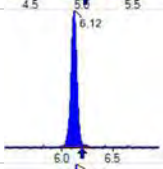
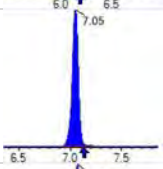
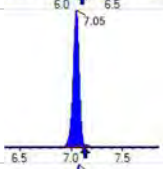
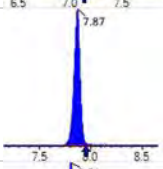
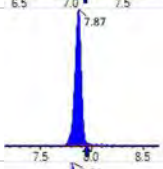
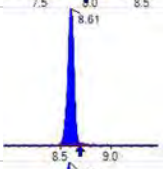
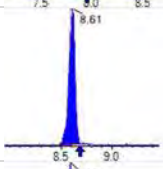
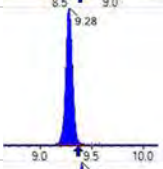
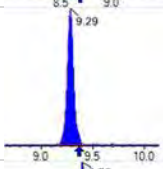
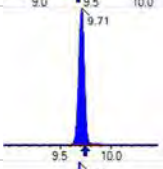
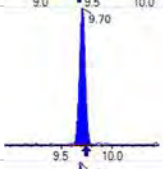
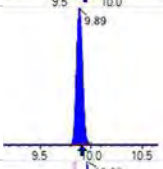
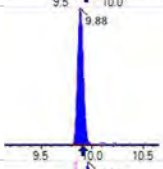
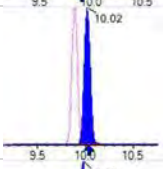
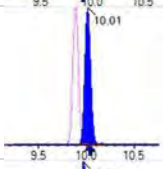
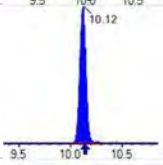
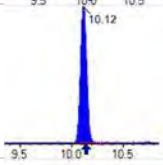
Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03858-CCV3b	9CL-PF3ONSb	9.35b	9.76b	104b	ng/mLb	+/- 30.00%b
	11CL-PF3OUDSb	9.45b	10.1b	107b	ng/mLb	+/- 30.00%b

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (37)
Acquired: 2022/12/15 - 22:56

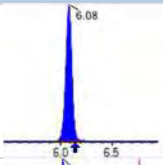
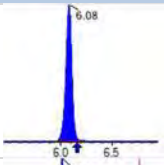
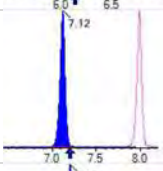
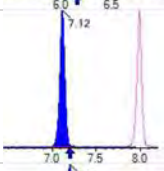
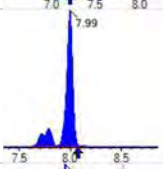
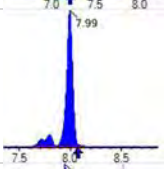
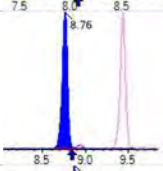
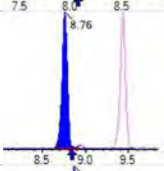
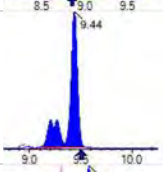
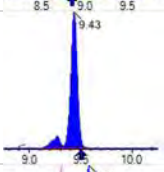
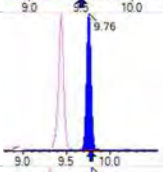
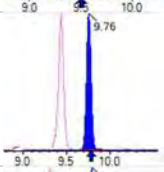
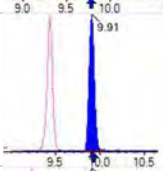
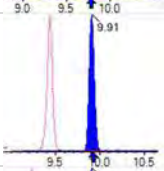
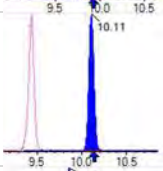
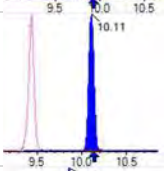
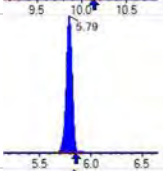
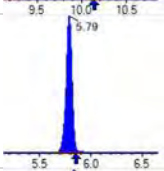
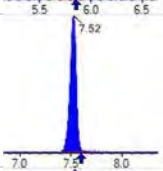
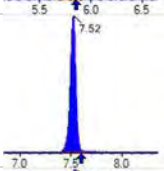
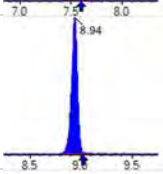
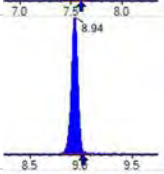
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) 1122767	(3.70 , 1.00) (0.00 , N/A , 0.0)	71.0	N/A 0.0 0.0	20.5940 [20.0000]	103.0%			
PFPeA	(262.9 / 219.0) 803055 (262.9 / 69.0) 9056	(4.98 , 1.00) (0.00 , N/A , -0.1)	886.2 232.5	0.0113 13213.1 101.0	9.3577 [10.0000]	93.6%			
PFHxA	(313.0 / 269.0) 623743 (313.0 / 119.0) 60920	(6.12 , 1.00) (0.00 , N/A , 0.2)	734.9 354.9	0.0977 99.6 105.5	4.8096 [5.0000]	96.2%			
PFHpA	(363.0 / 319.0) 561190 (363.0 / 169.0) 161373	(7.05 , 1.00) (0.00 , N/A , 0.1)	591.4 627.1	0.2876 92.0 96.8	5.0819 [5.0000]	101.6%			
PFOA	(413.0 / 369.0) 601338 (413.0 / 169.0) 187526	(7.87 , 1.00) (0.00 , N/A , -0.1)	804.5 623.2	0.3118 92.6 99.4	5.2700 [5.0000]	105.4%			
PFNA	(463.0 / 419.0) 447879 (463.0 / 169.0) 88018	(8.61 , 1.00) (0.00 , N/A , -0.1)	497.6 108.7	0.1965 97.9 90.0	5.0422 [5.0000]	100.8%			
PFDA	(513.0 / 469.0) 636096 (513.0 / 169.0) 62689	(9.28 , 1.00) (0.00 , N/A , -0.2)	530.6 907.3	0.0986 123.9 102.3	5.3544 [5.0000]	107.1%			
PFUnA	(563.0 / 519.0) 703212 (563.0 / 169.0) 69283	(9.71 , 1.00) (0.00 , N/A , 0.1)	555.7 257.0	0.0985 88.0 88.9	5.4299 [5.0000]	108.6%			
PFDoA	(613.0 / 569.0) 860722 (613.0 / 169.0) 98270	(9.89 , 1.00) (0.00 , N/A , 0.1)	778.8 328.4	0.1142 90.9 85.6	5.2638 [5.0000]	105.3%			
PFTrDA	(663.0 / 619.0) 724104 (663.0 / 169.0) 164424	(10.02 , 1.01) (N/A , -0.01 , 0.4)	818.4 463.7	0.2271 108.6 119.9	5.3660 [5.0000]	107.3%			
PFTeDA	(713.0 / 669.0) 532836 (713.0 / 169.0) 94215	(10.12 , 1.00) (0.00 , N/A , 0.2)	626.2 353.3	0.1768 77.9 106.8	4.4380 [5.0000]	88.8%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (37)
Acquired: 2022/12/15 - 22:56

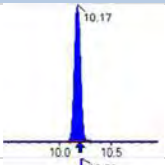
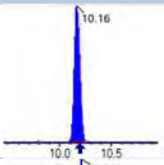
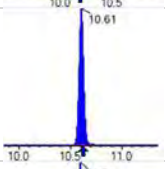
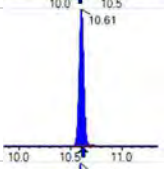
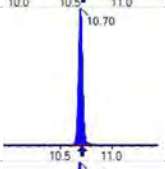
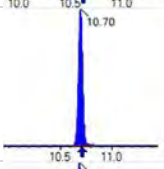
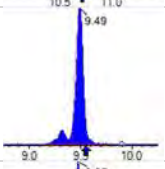
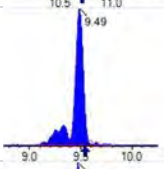
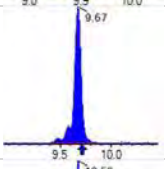
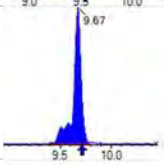
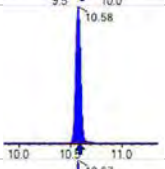
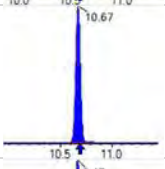
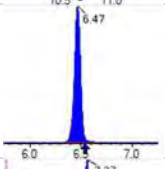
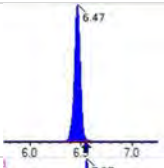
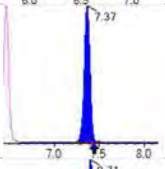
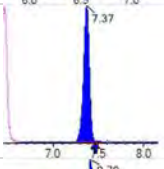
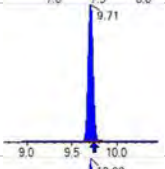
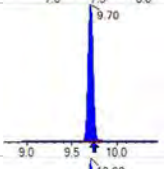
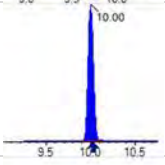
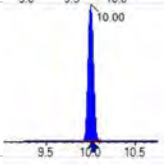
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) 849917 (298.9 / 99.0) 587454	(6.08 , 1.00) (0.00 , N/A , 0.0)	816.3 582.1	0.6912 101.6 105.0	4.3155 [4.4237]	97.6%			
PFPeS	(349.0 / 80.0) 1525172 (349.0 / 99.0) 582523	(7.12 , 0.89) (N/A , -0.08 , 0.2)	765.3 965.3	0.3819 102.3 98.4	4.2643 [4.6919]	90.9%			
PFHxS	(399.0 / 80.0) 1308152 (399.0 / 99.0) 459503	(7.99 , 1.00) (0.00 , N/A , 0.1)	3026.5 4113.9	0.3513 102.5 99.2	4.3144 [4.5549]	94.7%			
PFHpS	(449.0 / 80.0) 1187239 (449.0 / 99.0) 340988	(8.76 , 0.93) (N/A , -0.08 , 0.2)	565.7 486.7	0.2872 97.9 109.0	4.8900 [4.7570]	102.8%			
PFOS	(499.0 / 80.0) 1433078 (499.0 / 99.0) 333437	(9.44 , 1.00) (0.00 , N/A , 0.1)	102.9 195.8	0.2327 101.8 100.5	4.7610 [4.6375]	102.7%			
PFNS	(549.0 / 80.0) 1877148 (549.0 / 99.0) 470959	(9.76 , 1.03) (N/A , -0.03 , 0.0)	949.4 1002.4	0.2509 100.5 101.1	5.4234 [4.7994]	113.0%			
PFDS	(599.0 / 80.0) 2187186 (599.0 / 99.0) 549682	(9.91 , 1.05) (N/A , -0.02 , 0.0)	836.1 662.9	0.2513 98.6 112.2	5.1211 [4.8155]	106.3%			
PFDoS	(698.9 / 80.0) 1226395 (698.9 / 99.0) 282128	(10.11 , 1.07) (N/A , -0.02 , 0.0)	989.2 668.1	0.2300 112.0 95.8	5.5012 [4.8478]	113.5%			
4:2FTS	(327.0 / 307.0) 1324516 (327.0 / 81.0) 729946	(5.79 , 1.00) (0.00 , N/A , 0.0)	1075.4 778.1	0.5511 110.2 98.4	18.5307 [18.6906]	99.1%			
6:2FTS	(427.0 / 407.0) 815162 (427.0 / 81.0) 600229	(7.52 , 1.00) (0.00 , N/A , 0.2)	1027.7 1008.7	0.7363 102.8 99.1	20.2894 [18.9808]	106.9%			
8:2FTS	(527.0 / 507.0) 696026 (527.0 / 81.0) 427712	(8.94 , 1.00) (0.00 , N/A , 0.0)	651.4 449.5	0.6145 87.3 100.2	20.5793 [19.1658]	107.4%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (37)
Acquired: 2022/12/15 - 22:56

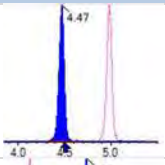
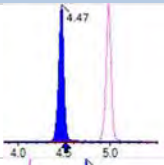
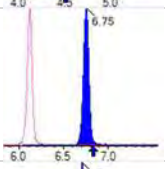
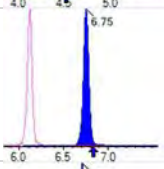
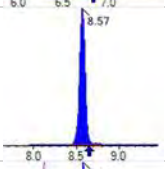
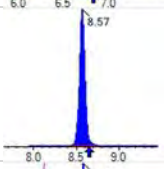
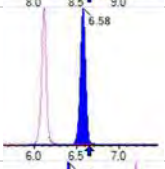
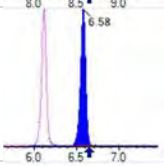
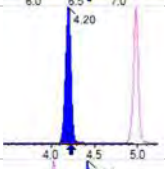
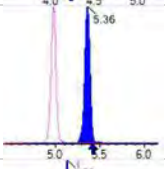
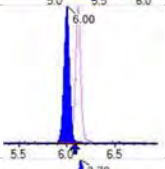
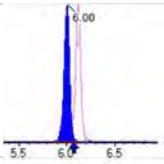
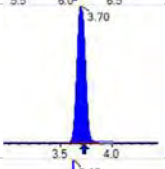
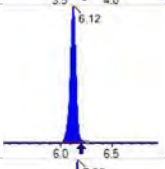
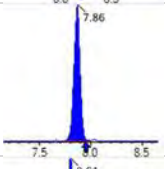
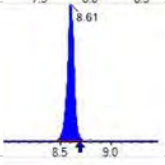
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 2111847 (498.0 / 478.0) 44492	(10.17 , 1.00) (0.00 , N/A , 0.3)	1383.3 73479.7	0.0211 89.1 114.1	4.9424 [5.0000]	98.8%			
NMeFOSA	(511.9 / 219.0) 2001149 (511.9 / 169.0) 1364201	(10.61 , 1.00) (0.00 , N/A , -0.1)	990.3 732.3	0.6817 97.8 102.6	21.1983 [20.0000]	106.0%			
NEtFOSA	(526.0 / 219.0) 2091488 (526.0 / 169.0) 2352397	(10.70 , 1.00) (0.00 , N/A , 0.0)	1400.6 1185.4	1.1247 99.9 106.5	20.1831 [20.0000]	100.9%			
NMeFOSAA	(570.0 / 419.0) 298427 (570.0 / 483.0) 145467	(9.49 , 1.00) (0.01 , N/A , 0.3)	428.9 314.2	0.4874 103.8 95.2	6.3325 [5.0000]	126.6%			
NEtFOSAA	(584.0 / 419.0) 279078 (584.0 / 526.0) 161926	(9.67 , 1.00) (0.00 , N/A , 0.1)	721.2 21632.3	0.5802 75.3 92.1	5.0829 [5.0000]	101.7%			
NMeFOSE	(616.1 / 59.0) 584909	(10.58 , 1.00) (0.01 , N/A , 0.0)	1107.4	N/A 0.0 0.0	20.3155 [20.0000]	101.6%			
NEtFOSE	(630.0 / 59.0) 155039	(10.67 , 1.00) (0.01 , N/A , 0.0)	1206.4	N/A 0.0 0.0	20.7015 [20.0000]	103.5%			
HFPO-DA	(285.0 / 169.0) 568577 (285.0 / 185.0) 1584536	(6.47 , 1.00) (0.00 , N/A , 0.1)	872.8 1088.2	2.7868 109.3 98.9	10.5572 [10.0000]	105.6%			
ADONA	(377.0 / 85.0) 2108445 (377.0 / 251.0) 259257	(7.37 , 1.14) (N/A , -0.08 , -0.2)	884.2 546.5	0.1230 98.1 102.4	9.4438 [9.4270]	100.2%			
9Cl-Pf3ONS	(531.0 / 351.0) 6176628 (533.0 / 353.0) 1991370	(9.71 , 1.50) (N/A , -0.04 , 0.0)	651.9 830.3	0.3224 101.8 102.8	9.7556 [9.3325]	104.5%			
11Cl-PF3OUDS	(631.0 / 451.0) 4212060 (633.0 / 453.0) 1264211	(10.00 , 1.55) (N/A , -0.02 , 0.0)	952.6 1050.5	0.3001 102.6 95.1	10.0960 [9.4321]	107.0%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (37)
Acquired: 2022/12/15 - 22:56

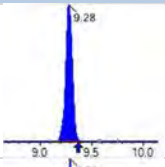
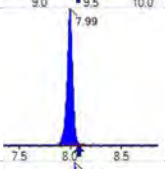
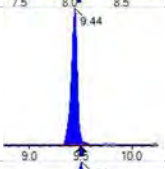
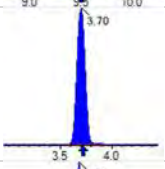
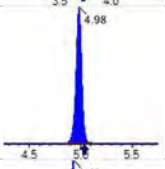
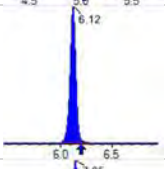
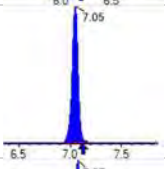
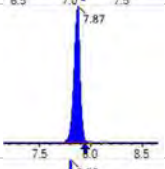
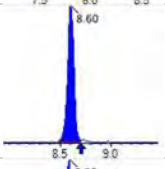
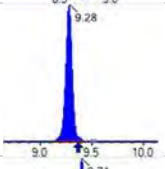
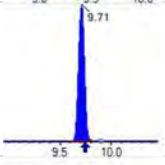
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 69730 (241.0 / 117.0) 118214	(4.47 , 0.90) (N/A , -0.04 , 0.0)	914.1 835.3	1.6953 0.1 98.3	18.9446 [20.0000]	94.7%			IR1,
5:3FTCA	(341.0 / 236.7) 511870 (341.0 / 217.0) 836882	(6.75 , 1.10) (N/A , -0.08 , 0.0)	586.3 725.4	1.6350 103.5 95.0	19.3835 [20.0000]	96.9%			
7:3FTCA	(441.0 / 317.0) 591110 (441.0 / 337.0) 487731	(8.57 , 1.40) (N/A , -0.08 , 0.1)	443.6 511.3	0.8251 101.5 98.0	19.8346 [20.0000]	99.2%			
PFEESA	(315.0 / 135.0) 1123113 (315.0 / 83.0) 336803	(6.58 , 1.07) (N/A , -0.08 , -0.2)	884.9 714.2	0.2999 106.1 101.0	8.4330 [8.9246]	94.5%			
PFMPA	(229.0 / 85.0) 221829	(4.20 , 0.84) (N/A , -0.03 , 0.0)	1314.0	N/A 0.0 0.0	9.5769 [10.0000]	95.8%			
PFMBA	(279.0 / 85.0) 714052	(5.36 , 1.08) (N/A , -0.06 , 0.0)	972.0	N/A 0.0 0.0	9.4433 [10.0000]	94.4%			
NFDHA	(201.0 / 85.0) 25643 (295.0 / 201.0) 179657	(6.00 , 0.98) (N/A , -0.07 , -0.1)	358.3 696.3	7.0062 0.9 101.3	9.9217 [10.0000]	99.2%			IR1,
13C3_PFBA_IIS	(216.0 / 172.0) 80759	(3.70 , N/A) (N/A , -0.01 , N/A)	546.4	N/A	0.9237 [1.0000]	92.4% { 92.3% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 122865	(6.12 , N/A) (N/A , -0.07 , N/A)	588.7	N/A	0.9338 [1.0000]	93.4% { 97.5% }			
13C4_PFOA_IIS	(417.0 / 372.0) 114692	(7.86 , N/A) (N/A , -0.08 , N/A)	535.7	N/A	0.9163 [1.0000]	91.6% { 85.2% }			
13C5_PFNA_IIS	(468.0 / 423.0) 85047	(8.61 , N/A) (N/A , -0.08 , N/A)	321.8	N/A	0.8520 [1.0000]	85.2% { 84.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (37)
Acquired: 2022/12/15 - 22:56

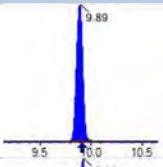
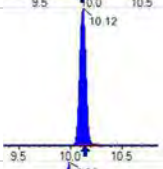
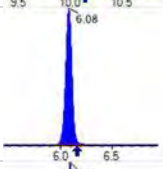
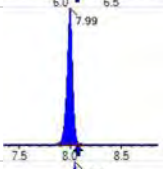
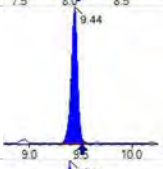
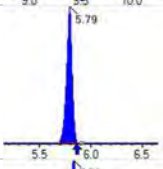
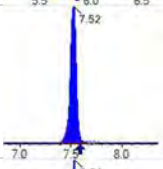
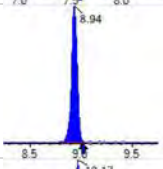
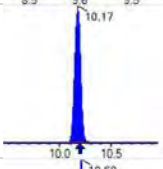
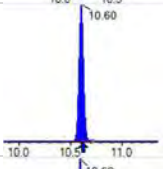
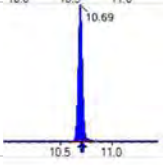
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 99873	(9.28 , N/A) (N/A , -0.09 , N/A)	352.4	N/A	0.9631 [1.0000]	96.3% { 89.5% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 232464	(7.99 , N/A) (N/A , -0.08 , N/A)	609.2	N/A	0.9826 [1.0000]	98.3% { 94.7% }			
13C4_PFOS_IIS	(502.8 / 79.9) 164170	(9.44 , N/A) (N/A , -0.07 , N/A)	278.5	N/A	0.8183 [1.0000]	81.8% { 78.3% }			
13C4_PFBA_EIS	(217.0 / 172.0) 656689	(3.70 , N/A) (N/A , -0.01 , N/A)	777.4	N/A	7.8540 [8.0000]	98.2% { 88.1% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 379157	(4.98 , N/A) (N/A , -0.05 , N/A)	1007.1	N/A	4.1917 [4.0000]	104.8% { 96.7% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 285886	(6.12 , N/A) (N/A , -0.07 , N/A)	621.3	N/A	1.9766 [2.0000]	98.8% { 98.2% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 244585	(7.05 , N/A) (N/A , -0.08 , N/A)	708.8	N/A	1.9140 [2.0000]	95.7% { 88.3% }			
13C8_PFOA_EIS	(421.0 / 376.0) 240782	(7.87 , N/A) (N/A , -0.08 , N/A)	717.3	N/A	1.8999 [2.0000]	95.0% { 89.8% }			
13C9_PFNA_EIS	(472.0 / 427.0) 105120	(8.60 , N/A) (N/A , -0.08 , N/A)	291.3	N/A	1.1316 [1.0000]	113.2% { 98.8% }			
13C6_PFDA_EIS	(519.0 / 474.0) 128858	(9.28 , N/A) (N/A , -0.08 , N/A)	470.3	N/A	0.9522 [1.0000]	95.2% { 96.6% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 173769	(9.71 , N/A) (N/A , -0.03 , N/A)	350.4	N/A	0.8918 [1.0000]	89.2% { 88.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (37)
Acquired: 2022/12/15 - 22:56

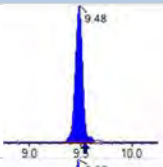
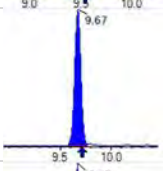
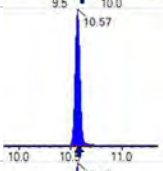
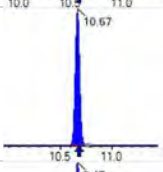
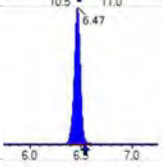
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 204137	(9.89 , N/A) (N/A , -0.02 , N/A)	734.5	N/A	0.9289 [1.0000]	92.9% { 79.3% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 125451	(10.12 , N/A) (N/A , -0.02 , N/A)	472.5	N/A	0.9393 [1.0000]	93.9% { 86.3% }			
13C3_PFBS_EIS	(302.0 / 80.0) 721085	(6.08 , N/A) (N/A , -0.07 , N/A)	928.6	N/A	1.8993 [2.0000]	95.0% { 101.0% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 381304	(7.99 , N/A) (N/A , -0.08 , N/A)	901.6	N/A	1.9366 [2.0000]	96.8% { 93.7% }			
13C8_PFOS_EIS	(507.0 / 80.0) 547723	(9.44 , N/A) (N/A , -0.07 , N/A)	296.2	N/A	2.0310 [2.0000]	101.6% { 96.0% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 89650	(5.79 , N/A) (N/A , -0.07 , N/A)	650.0	N/A	4.1877 [4.0000]	104.7% { 106.5% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 104083	(7.52 , N/A) (N/A , -0.07 , N/A)	601.7	N/A	3.7938 [4.0000]	94.8% { 94.8% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 92299	(8.94 , N/A) (N/A , -0.09 , N/A)	338.5	N/A	3.7526 [4.0000]	93.8% { 110.7% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 858590	(10.17 , N/A) (N/A , -0.02 , N/A)	1007.4	N/A	2.1876 [2.0000]	109.4% { 92.9% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 236641	(10.60 , N/A) (N/A , -0.02 , N/A)	1159.3	N/A	2.4202 [2.0000]	121.0% { 96.2% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 227273	(10.69 , N/A) (N/A , -0.01 , N/A)	1045.4	N/A	2.4893 [2.0000]	124.5% { 92.3% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (37)
Acquired: 2022/12/15 - 22:56

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 260103	(9.48 , N/A) (N/A , -0.06 , N/A)	326.6	N/A	4.1117 [4.0000]	102.8% { 87.0% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 243634	(9.67 , N/A) (N/A , -0.04 , N/A)	243.4	N/A	4.6341 [4.0000]	115.9% { 89.8% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 452216	(10.57 , N/A) (N/A , -0.02 , N/A)	1305.8	N/A	24.0440 [20.0000]	120.2% { 90.1% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 234644	(10.67 , N/A) (N/A , -0.01 , N/A)	912.0	N/A	23.1679 [20.0000]	115.8% { 84.3% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 705126	(6.47 , N/A) (N/A , -0.07 , N/A)	767.7	N/A	8.0071 [8.0000]	100.1% { 88.9% }			

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2251019b
Standard ID:b	22L03040	Sequence:b	SB03860b

Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03860-CCV1b	PFBAb	20.0b	19.5b	97.7b	ng/mLb	+/- 30.00%b
	PFPEAb	10.0b	9.75b	97.5b	ng/mLb	+/- 30.00%b
	PFHXAb	5.00b	5.08b	102b	ng/mLb	+/- 30.00%b
	PFHPAb	5.00b	5.53b	111b	ng/mLb	+/- 30.00%b
	PFOAb	5.00b	5.20b	104b	ng/mLb	+/- 30.00%b
	PFNAb	5.00b	5.24b	105b	ng/mLb	+/- 30.00%b
	PFDAb	5.00b	5.19b	104b	ng/mLb	+/- 30.00%b
	PFUnAb	5.00b	6.55b	131b	ng/mL	+/- 30.00%b
	PFDOAb	5.00b	4.75b	94.9b	ng/mLb	+/- 30.00%b
	PFTRDAb	5.00b	4.62b	92.3b	ng/mLb	+/- 30.00%b
	PFTEDAb	5.00b	5.33b	107b	ng/mLb	+/- 30.00%b
	PFBSb	4.42b	4.41b	99.8b	ng/mLb	+/- 30.00%b
	PFPESb	4.70b	4.99b	106b	ng/mLb	+/- 30.00%b
	PFHXSb	4.58b	4.97b	108b	ng/mLb	+/- 30.00%b
	PFHPSb	4.78b	4.61b	96.4b	ng/mLb	+/- 30.00%b
	PFOSb	4.65b	4.17b	89.6b	ng/mLb	+/- 30.00%b
	PFNSb	4.80b	4.24b	88.4b	ng/mLb	+/- 30.00%b
	PFDSb	4.82b	5.05b	105b	ng/mLb	+/- 30.00%b
	4:2FTSb	18.8b	19.0b	101b	ng/mLb	+/- 30.00%b
	6:2FTSb	19.0b	18.2b	95.7b	ng/mLb	+/- 30.00%b
	8:2FTSb	19.2b	18.4b	95.6b	ng/mLb	+/- 30.00%b
	PFOSAb	5.00b	5.13b	103b	ng/mLb	+/- 30.00%b
	NMeFOSAb	20.0b	20.7b	104b	ng/mLb	+/- 30.00%b
	NEtFOSAb	20.0b	21.2b	106b	ng/mLb	+/- 30.00%b
	NMeFOSAAb	5.00b	5.07b	101b	ng/mLb	+/- 30.00%b
	NEtFOSAAb	5.00b	4.80b	96.0b	ng/mLb	+/- 30.00%b
	NMeFOSEb	20.0b	19.6b	97.8b	ng/mLb	+/- 30.00%b
	NEtFOSEb	20.0b	18.9b	94.4b	ng/mLb	+/- 30.00%b
	HFPO-DAb	10.0b	10.6b	106b	ng/mLb	+/- 30.00%b
	ADONAb	9.45b	9.80b	104b	ng/mLb	+/- 30.00%b

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2251019b
Standard ID:b	22L03040	Sequence:b	SB03860b

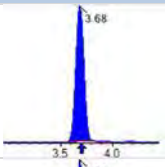
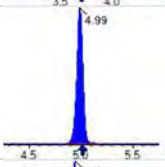
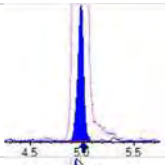
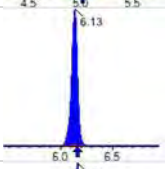
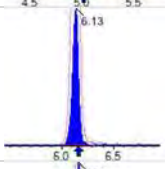
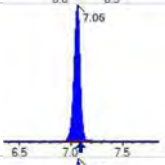
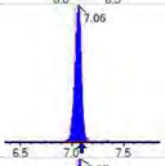
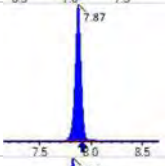
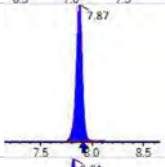
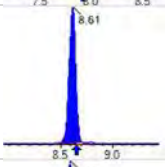
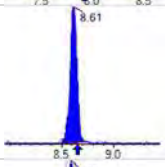
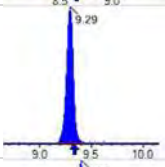
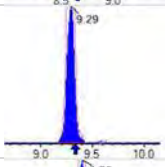
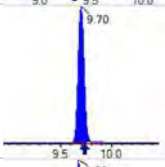
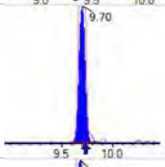
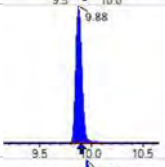
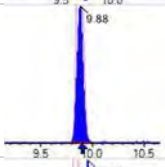
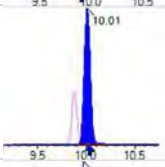
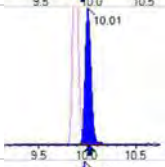
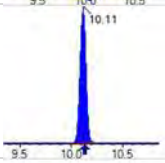
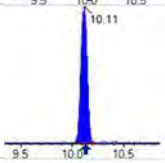
Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03860-CCV1b	9CL-PF3ONSb	9.35b	9.10b	97.3b	ng/mLb	+/- 30.00%b
	11CL-PF3OUDSb	9.45b	9.46b	100b	ng/mLb	+/- 30.00%b

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (3)
Acquired: 2022/12/16 - 00:00

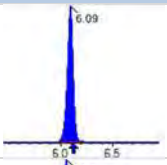
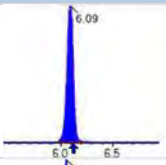
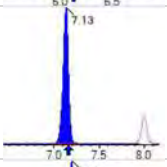
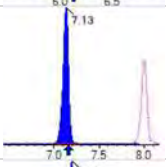
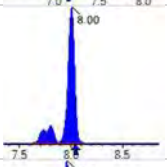
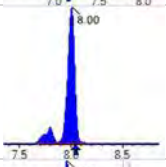
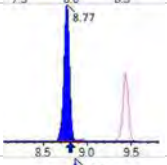
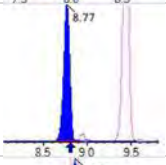
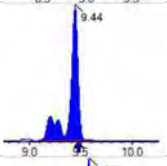
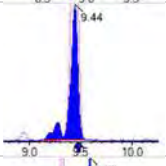
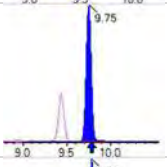
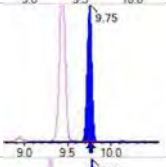
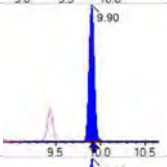
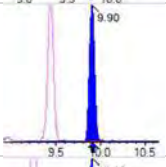
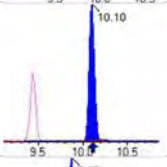
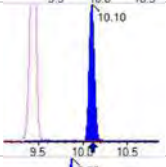
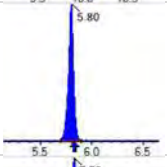
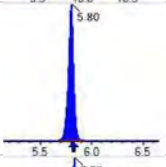
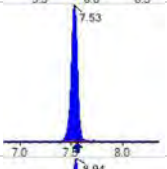
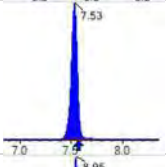
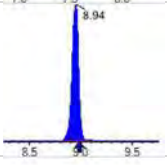
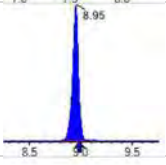
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) 1089456	(3.68 , 1.00) (0.00 , N/A , 0.0)	73.9	N/A 0.0 0.0	19.5390 [20.0000]	97.7%			
PFPeA	(262.9 / 219.0) 839505 (262.9 / 69.0) 10216	(4.99 , 1.00) (0.00 , N/A , 0.0)	759.4 275.0	0.0122 14257.6 100.0	9.7451 [10.0000]	97.5%			
PFHxA	(313.0 / 269.0) 656928 (313.0 / 119.0) 63738	(6.13 , 1.00) (0.00 , N/A , 0.0)	703.3 453.6	0.0970 98.9 100.0	5.0819 [5.0000]	101.6%			
PFHpA	(363.0 / 319.0) 652670 (363.0 / 169.0) 181406	(7.06 , 1.00) (0.00 , N/A , -0.1)	638.7 758.4	0.2779 88.9 100.0	5.5277 [5.0000]	110.6%			
PFOA	(413.0 / 369.0) 620864 (413.0 / 169.0) 197975	(7.87 , 1.00) (0.00 , N/A , -0.1)	790.5 726.1	0.3189 94.7 100.0	5.1978 [5.0000]	104.0%			
PFNA	(463.0 / 419.0) 417171 (463.0 / 169.0) 85302	(8.61 , 1.00) (0.00 , N/A , -0.1)	497.4 93.7	0.2045 101.9 100.0	5.2381 [5.0000]	104.8%			
PFDA	(513.0 / 469.0) 624460 (513.0 / 169.0) 56760	(9.29 , 1.00) (0.00 , N/A , 0.2)	401.9 492.0	0.0909 114.2 100.0	5.1853 [5.0000]	103.7%			
PFUnA	(563.0 / 519.0) 730408 (563.0 / 169.0) 62637	(9.70 , 1.00) (0.00 , N/A , 0.0)	28.3 369.2	0.0858 76.6 100.0	6.5502 [5.0000]	131.0%			QC,
PFDoA	(613.0 / 569.0) 919796 (613.0 / 169.0) 112553	(9.88 , 1.00) (0.00 , N/A , -0.2)	789.6 313.5	0.1224 97.4 100.0	4.7469 [5.0000]	94.9%			
PFTrDA	(663.0 / 619.0) 738175 (663.0 / 169.0) 168290	(10.01 , 1.01) (N/A , 0.00 , 0.2)	746.4 365.7	0.2280 109.1 100.0	4.6162 [5.0000]	92.3%			
PFTeDA	(713.0 / 669.0) 676614 (713.0 / 169.0) 120506	(10.11 , 1.00) (0.00 , N/A , 0.0)	824.0 355.0	0.1781 78.5 100.0	5.3328 [5.0000]	106.7%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (3)
Acquired: 2022/12/16 - 00:00

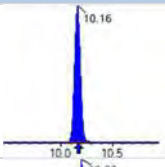
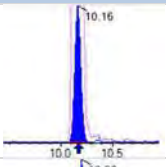
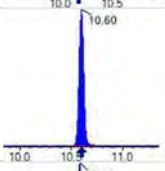
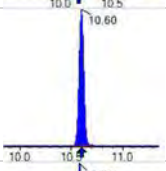
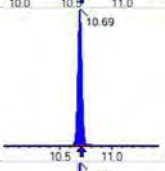
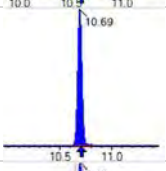
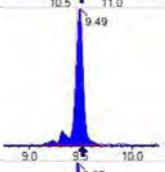
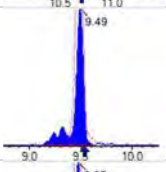
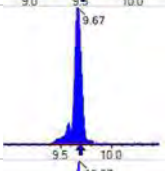
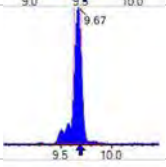
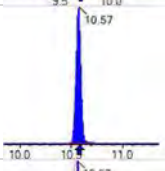
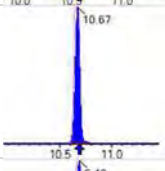
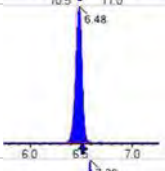
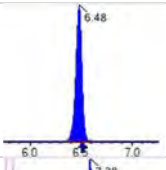
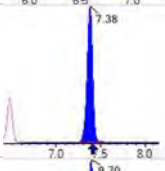
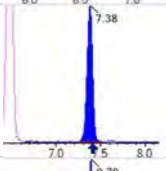
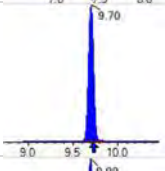
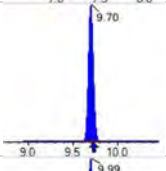
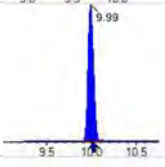
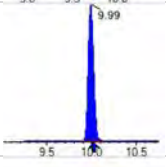
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) 897154 (298.9 / 99.0) 595970	(6.09 , 1.00) (0.00 , N/A , 0.1)	944.4 740.9	0.6643 97.7 100.0	4.4119 [4.4237]	99.7%			
PFPeS	(349.0 / 80.0) 1686340 (349.0 / 99.0) 576845	(7.13 , 0.89) (N/A , 0.00 , -0.1)	761.4 735.3	0.3421 91.6 100.0	4.9902 [4.6919]	106.4%			
PFHxS	(399.0 / 80.0) 1423114 (399.0 / 99.0) 471090	(8.00 , 1.00) (0.00 , N/A , 0.0)	3267.1 14933.7	0.3310 96.6 100.0	4.9676 [4.5549]	109.1%			
PFHpS	(449.0 / 80.0) 1266173 (449.0 / 99.0) 344767	(8.77 , 0.93) (N/A , 0.00 , 0.0)	673.5 432.5	0.2723 92.8 100.0	4.6075 [4.7570]	96.9%			
PFOS	(499.0 / 80.0) 1420068 (499.0 / 99.0) 308077	(9.44 , 1.00) (0.01 , N/A , 0.1)	107.3 132.9	0.2169 94.9 100.0	4.1681 [4.6375]	89.9%			
PFNS	(549.0 / 80.0) 1662482 (549.0 / 99.0) 438276	(9.75 , 1.03) (N/A , 0.00 , 0.0)	615.4 792.1	0.2636 105.6 100.0	4.2436 [4.7994]	88.4%			
PFDS	(599.0 / 80.0) 2439606 (599.0 / 99.0) 532548	(9.90 , 1.05) (N/A , 0.00 , 0.1)	981.3 485.8	0.2183 85.6 100.0	5.0466 [4.8155]	104.8%			
PFDoS	(698.9 / 80.0) 1245446 (698.9 / 99.0) 293989	(10.10 , 1.07) (N/A , 0.00 , 0.0)	1084.1 970.9	0.2361 114.9 100.0	4.9357 [4.8478]	101.8%			
4:2FTS	(327.0 / 307.0) 1377911 (327.0 / 81.0) 812326	(5.80 , 1.00) (0.00 , N/A , 0.0)	735.2 1202.9	0.5895 117.9 100.0	18.9519 [18.6906]	101.4%			
6:2FTS	(427.0 / 407.0) 778529 (427.0 / 81.0) 541876	(7.53 , 1.00) (0.00 , N/A , 0.0)	755.4 705.5	0.6960 97.2 100.0	18.1838 [18.9808]	95.8%			
8:2FTS	(527.0 / 507.0) 717742 (527.0 / 81.0) 456135	(8.94 , 1.00) (0.00 , N/A , -0.1)	626.0 411.3	0.6355 90.3 100.0	18.3582 [19.1658]	95.8%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (3)
Acquired: 2022/12/16 - 00:00

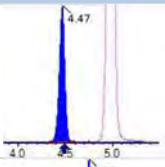
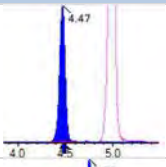
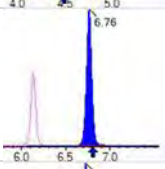
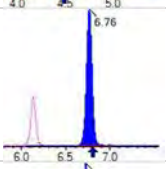
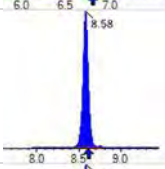
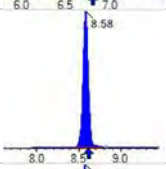
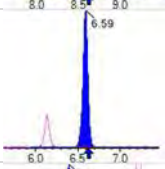
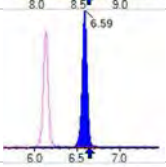
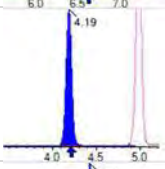
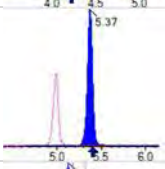
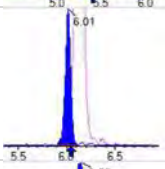
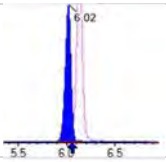
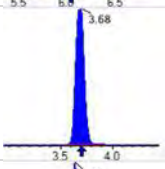
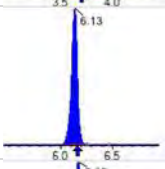
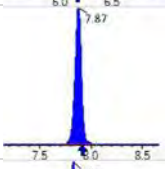
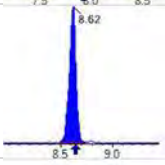
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 2335642 (498.0 / 478.0) 54316	(10.16 , 1.00) (0.00 , N/A , -0.2)	987.8 293.2	0.0233 98.4 100.0	5.1313 [5.0000]	102.6%			
NMeFOSA	(511.9 / 219.0) 1994898 (511.9 / 169.0) 1348526	(10.60 , 1.00) (0.00 , N/A , 0.0)	745.2 1160.9	0.6760 96.9 100.0	20.7252 [20.0000]	103.6%			
NEtFOSA	(526.0 / 219.0) 2268281 (526.0 / 169.0) 2376170	(10.69 , 1.00) (0.00 , N/A , 0.0)	1432.9 1240.3	1.0476 93.0 100.0	21.1774 [20.0000]	105.9%			
NMeFOSAA	(570.0 / 419.0) 252236 (570.0 / 483.0) 156161	(9.49 , 1.00) (0.00 , N/A , -0.3)	345.8 354.4	0.6191 131.8 100.0	5.0694 [5.0000]	101.4%			
NEtFOSAA	(584.0 / 419.0) 262193 (584.0 / 526.0) 172741	(9.67 , 1.00) (0.00 , N/A , 0.0)	28872.2 3891.2	0.6588 85.5 100.0	4.8012 [5.0000]	96.0%			
NMeFOSE	(616.1 / 59.0) 573464	(10.57 , 1.00) (0.01 , N/A , 0.0)	720.9	N/A 0.0 0.0	19.5680 [20.0000]	97.8%			
NEtFOSE	(630.0 / 59.0) 163429	(10.67 , 1.00) (0.01 , N/A , 0.0)	1210.7	N/A 0.0 0.0	18.8832 [20.0000]	94.4%			
HFPO-DA	(285.0 / 169.0) 578915 (285.0 / 185.0) 1597802	(6.48 , 1.00) (0.00 , N/A , 0.0)	938.9 819.8	2.7600 108.2 100.0	10.6183 [10.0000]	106.2%			
ADONA	(377.0 / 85.0) 2214763 (377.0 / 251.0) 288311	(7.38 , 1.14) (N/A , 0.00 , 0.1)	859.0 666.0	0.1302 103.8 100.0	9.7991 [9.4270]	103.9%			
9Cl-Pf3ONS	(531.0 / 351.0) 5831004 (533.0 / 353.0) 1827972	(9.70 , 1.50) (N/A , 0.00 , 0.2)	677.3 799.9	0.3135 99.0 100.0	9.0975 [9.3325]	97.5%			
11Cl-PF3OUDS	(631.0 / 451.0) 3994406 (633.0 / 453.0) 1222223	(9.99 , 1.54) (N/A , 0.00 , -0.2)	656.6 1137.9	0.3060 104.6 100.0	9.4577 [9.4321]	100.3%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (3)
Acquired: 2022/12/16 - 00:00

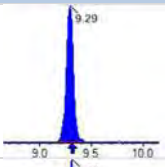
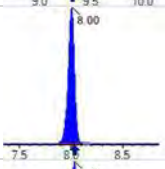
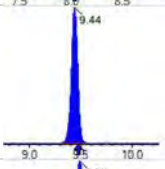
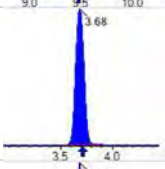
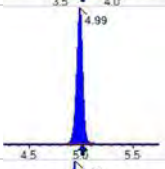
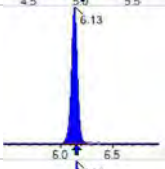
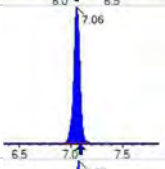
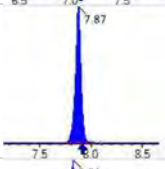
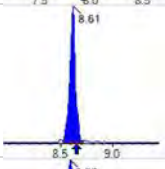
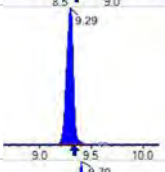
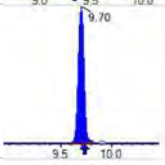
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 71717 (241.0 / 117.0) 119302	(4.47 , 0.90) (N/A , 0.00 , 0.1)	867.8 737.4	1.6635 0.1 100.0	19.4103 [20.0000]	97.1%			IR1,
5:3FTCA	(341.0 / 236.7) 553458 (341.0 / 217.0) 882791	(6.76 , 1.10) (N/A , 0.00 , -0.1)	541.1 719.8	1.5950 101.0 100.0	21.0263 [20.0000]	105.1%			
7:3FTCA	(441.0 / 317.0) 592903 (441.0 / 337.0) 528338	(8.58 , 1.40) (N/A , 0.00 , 0.0)	453.7 446.7	0.8911 109.6 100.0	19.9592 [20.0000]	99.8%			
PFEESA	(315.0 / 135.0) 1233563 (315.0 / 83.0) 339502	(6.59 , 1.07) (N/A , 0.00 , 0.0)	1198.7 1010.3	0.2752 97.4 100.0	9.2924 [8.9246]	104.1%			
PFMPA	(229.0 / 85.0) 221470	(4.19 , 0.84) (N/A , 0.00 , 0.0)	1193.5	N/A 0.0 0.0	9.5249 [10.0000]	95.2%			
PFMBA	(279.0 / 85.0) 720695	(5.37 , 1.08) (N/A , 0.00 , 0.0)	888.4	N/A 0.0 0.0	9.4949 [10.0000]	94.9%			
NFDHA	(201.0 / 85.0) 26162 (295.0 / 201.0) 208654	(6.01 , 0.98) (N/A , 0.00 , -0.1)	314.6 892.3	7.9756 1.0 100.0	10.1580 [10.0000]	101.6%			IR1,
13C3_PFBA_IIS	(216.0 / 172.0) 83207	(3.68 , N/A) (N/A , 0.00 , N/A)	637.9	N/A	0.9517 [1.0000]	95.2% { 100.0% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 132051	(6.13 , N/A) (N/A , 0.00 , N/A)	559.3	N/A	1.0036 [1.0000]	100.4% { 100.0% }			
13C4_PFOA_IIS	(417.0 / 372.0) 122458	(7.87 , N/A) (N/A , 0.00 , N/A)	548.3	N/A	0.9783 [1.0000]	97.8% { 100.0% }			
13C5_PFNA_IIS	(468.0 / 423.0) 96226	(8.62 , N/A) (N/A , 0.00 , N/A)	353.3	N/A	0.9640 [1.0000]	96.4% { 100.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (3)
Acquired: 2022/12/16 - 00:00

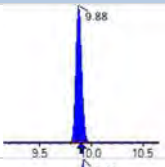
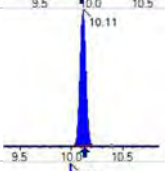
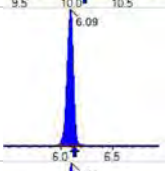
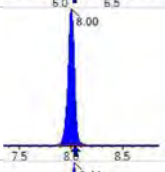
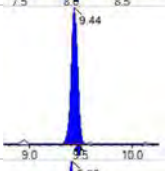
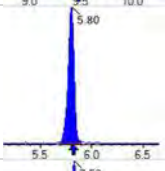
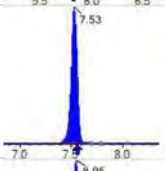
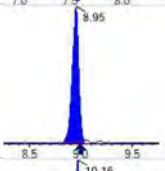
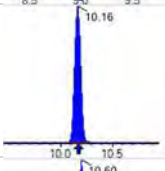
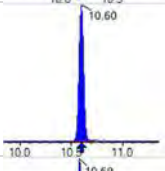
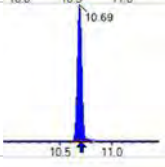
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 99805	(9.29 , N/A) (N/A , 0.00 , N/A)	643.8	N/A	0.9624 [1.0000]	96.2% { 100.0% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 222067	(8.00 , N/A) (N/A , 0.00 , N/A)	528.2	N/A	0.9386 [1.0000]	93.9% { 100.0% }			
13C4_PFOS_IIS	(502.8 / 79.9) 197701	(9.44 , N/A) (N/A , 0.00 , N/A)	611.5	N/A	0.9855 [1.0000]	98.5% { 100.0% }			
13C4_PFBA_EIS	(217.0 / 172.0) 671610	(3.68 , N/A) (N/A , 0.00 , N/A)	974.4	N/A	7.7962 [8.0000]	97.5% { 100.0% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 380608	(4.99 , N/A) (N/A , 0.00 , N/A)	918.1	N/A	3.9150 [4.0000]	97.9% { 100.0% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 284963	(6.13 , N/A) (N/A , 0.00 , N/A)	718.8	N/A	1.8331 [2.0000]	91.7% { 100.0% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 261516	(7.06 , N/A) (N/A , 0.00 , N/A)	717.7	N/A	1.9042 [2.0000]	95.2% { 100.0% }			
13C8_PFOA_EIS	(421.0 / 376.0) 252054	(7.87 , N/A) (N/A , 0.00 , N/A)	711.7	N/A	1.8627 [2.0000]	93.1% { 100.0% }			
13C9_PFNA_EIS	(472.0 / 427.0) 94251	(8.61 , N/A) (N/A , 0.00 , N/A)	309.6	N/A	0.8967 [1.0000]	89.7% { 100.0% }			
13C6_PFDA_EIS	(519.0 / 474.0) 130625	(9.29 , N/A) (N/A , 0.00 , N/A)	243.5	N/A	0.9659 [1.0000]	96.6% { 100.0% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 149621	(9.70 , N/A) (N/A , 0.00 , N/A)	434.9	N/A	0.7684 [1.0000]	76.8% { 100.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (3)
Acquired: 2022/12/16 - 00:00

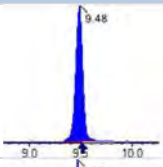
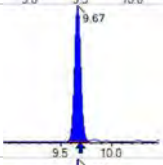
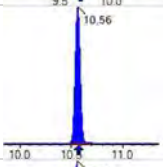
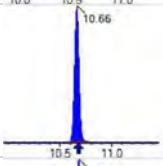
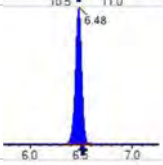
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 241903	(9.88 , N/A) (N/A , 0.00 , N/A)	712.3	N/A	1.1016 [1.0000]	110.2% { 100.0% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 132571	(10.11 , N/A) (N/A , 0.00 , N/A)	943.8	N/A	0.9933 [1.0000]	99.3% { 100.0% }			
13C3_PFBS_EIS	(302.0 / 80.0) 744533	(6.09 , N/A) (N/A , 0.00 , N/A)	776.1	N/A	2.0529 [2.0000]	102.6% { 100.0% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 360265	(8.00 , N/A) (N/A , 0.00 , N/A)	906.4	N/A	1.9154 [2.0000]	95.8% { 100.0% }			
13C8_PFOS_EIS	(507.0 / 80.0) 619958	(9.44 , N/A) (N/A , 0.00 , N/A)	384.2	N/A	1.9090 [2.0000]	95.4% { 100.0% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 91191	(5.80 , N/A) (N/A , 0.00 , N/A)	420.3	N/A	4.4591 [4.0000]	111.5% { 100.0% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 110916	(7.53 , N/A) (N/A , 0.00 , N/A)	444.7	N/A	4.2322 [4.0000]	105.8% { 100.0% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 106694	(8.95 , N/A) (N/A , 0.00 , N/A)	365.8	N/A	4.5410 [4.0000]	113.5% { 100.0% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 914632	(10.16 , N/A) (N/A , 0.00 , N/A)	1249.7	N/A	1.9352 [2.0000]	96.8% { 100.0% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 241286	(10.60 , N/A) (N/A , 0.00 , N/A)	899.7	N/A	2.0492 [2.0000]	102.5% { 100.0% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 234912	(10.69 , N/A) (N/A , 0.00 , N/A)	863.7	N/A	2.1365 [2.0000]	106.8% { 100.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (3)
Acquired: 2022/12/16 - 00:00

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 274621	(9.48 , N/A) (N/A , 0.00 , N/A)	331.1	N/A	3.6049 [4.0000]	90.1% { 100.0% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 242324	(9.67 , N/A) (N/A , 0.00 , N/A)	382.6	N/A	3.8274 [4.0000]	95.7% { 100.0% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 460303	(10.56 , N/A) (N/A , 0.00 , N/A)	922.5	N/A	20.3230 [20.0000]	101.6% { 100.0% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 271158	(10.66 , N/A) (N/A , 0.00 , N/A)	1194.2	N/A	22.2322 [20.0000]	111.2% { 100.0% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 713821	(6.48 , N/A) (N/A , 0.00 , N/A)	694.8	N/A	7.5419 [8.0000]	94.3% { 100.0% }			

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2251019b
Standard ID:b	22L03040	Sequence:b	SB03860b

Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03860-CCV2b	PFBAb	20.0b	21.6b	108b	ng/mLb	+/- 30.00%b
	PFPEAb	10.0b	9.91b	99.1b	ng/mLb	+/- 30.00%b
	PFHXAb	5.00b	4.46b	89.2b	ng/mLb	+/- 30.00%b
	PFHPAb	5.00b	4.68b	93.5b	ng/mLb	+/- 30.00%b
	PFOAb	5.00b	4.87b	97.5b	ng/mLb	+/- 30.00%b
	PFNAb	5.00b	5.52b	110b	ng/mLb	+/- 30.00%b
	PFDAb	5.00b	5.54b	111b	ng/mLb	+/- 30.00%b
	PFUnAb	5.00b	5.76b	115b	ng/mLb	+/- 30.00%b
	PFDOAb	5.00b	5.55b	111b	ng/mLb	+/- 30.00%b
	PFTRDAb	5.00b	5.13b	103b	ng/mLb	+/- 30.00%b
	PFTEDAb	5.00b	4.48b	89.7b	ng/mLb	+/- 30.00%b
	PFBSb	4.42b	4.22b	95.4b	ng/mLb	+/- 30.00%b
	PFPESb	4.70b	4.42b	94.1b	ng/mLb	+/- 30.00%b
	PFHXSb	4.58b	4.58b	100b	ng/mLb	+/- 30.00%b
	PFHPSb	4.78b	4.47b	93.5b	ng/mLb	+/- 30.00%b
	PFOSb	4.65b	4.46b	95.9b	ng/mLb	+/- 30.00%b
	PFNSb	4.80b	5.08b	106b	ng/mLb	+/- 30.00%b
	PFDSb	4.82b	4.93b	102b	ng/mLb	+/- 30.00%b
	4:2FTSb	18.8b	18.3b	97.5b	ng/mLb	+/- 30.00%b
	6:2FTSb	19.0b	20.2b	106b	ng/mLb	+/- 30.00%b
	8:2FTSb	19.2b	20.6b	107b	ng/mLb	+/- 30.00%b
	PFOSAb	5.00b	4.59b	91.8b	ng/mLb	+/- 30.00%b
	NMeFOSAb	20.0b	21.4b	107b	ng/mLb	+/- 30.00%b
	NEtFOSAb	20.0b	19.3b	96.4b	ng/mLb	+/- 30.00%b
	NMeFOSAAb	5.00b	5.00b	100b	ng/mLb	+/- 30.00%b
	NEtFOSAAb	5.00b	4.92b	98.4b	ng/mLb	+/- 30.00%b
	NMeFOSEb	20.0b	20.3b	102b	ng/mLb	+/- 30.00%b
	NEtFOSEb	20.0b	19.7b	98.4b	ng/mLb	+/- 30.00%b
	HFPO-DAb	10.0b	9.29b	92.9b	ng/mLb	+/- 30.00%b
	ADONAb	9.45b	8.85b	93.6b	ng/mLb	+/- 30.00%b

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2251019b
Standard ID:b	22L03040	Sequence:b	SB03860b

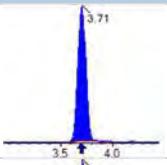
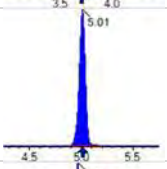
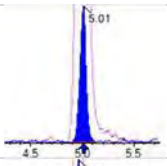
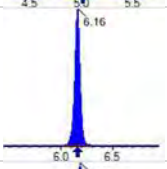
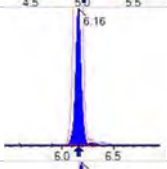
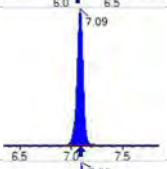
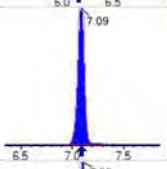
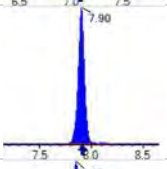
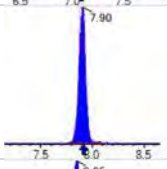
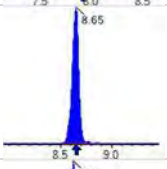
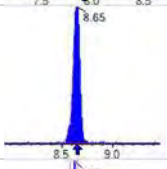
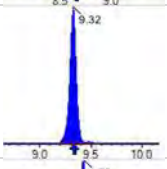
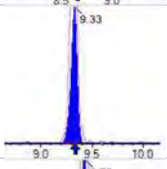
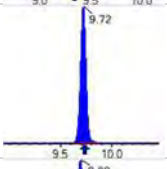
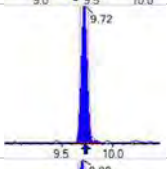
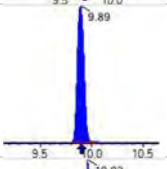
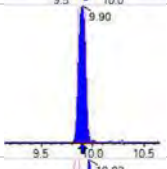
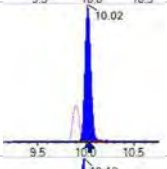
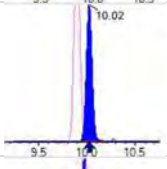
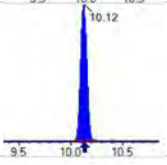
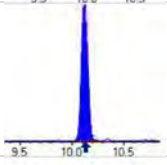
Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB03860-CCV2b	9CL-PF3ONSb	9.35b	9.52b	102b	ng/mLb	+/- 30.00%b
	11CL-PF3OUDSb	9.45b	8.78b	93.0b	ng/mLb	+/- 30.00%b

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (27)
Acquired: 2022/12/16 - 05:30

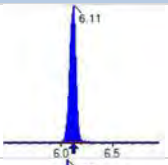
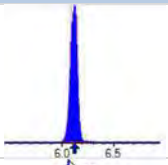
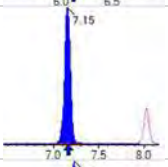
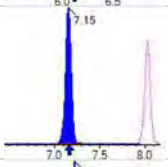
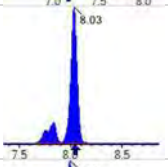
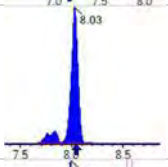
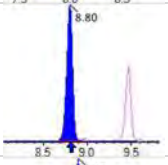
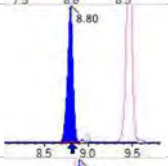
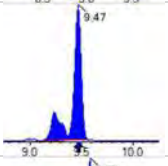
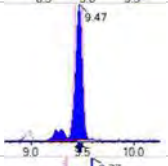
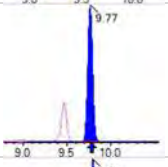
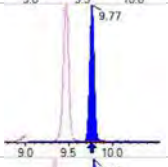
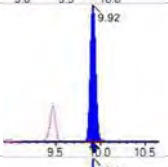
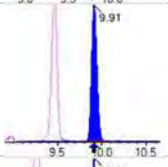
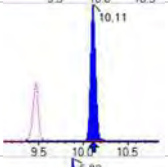
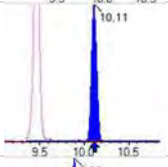
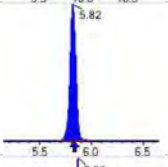
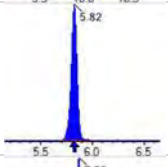
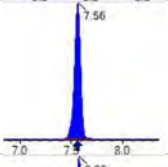
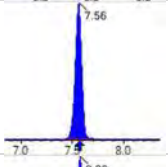
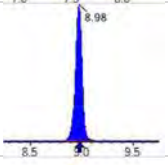
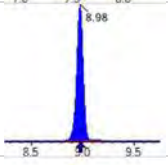
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) 1087752	(3.71 , 1.00) (0.00 , N/A , 0.0)	62.0	N/A 0.0 0.0	21.5711 [20.0000]	107.9%			
PFPeA	(262.9 / 219.0) 795140 (262.9 / 69.0) 8945	(5.01 , 1.00) (0.00 , N/A , 0.1)	914.8 271.8	0.0112 13180.8 92.4	9.9057 [10.0000]	99.1%			
PFHxA	(313.0 / 269.0) 636099 (313.0 / 119.0) 60172	(6.16 , 1.00) (0.00 , N/A , 0.1)	921.4 409.1	0.0946 96.4 97.5	4.4615 [5.0000]	89.2%			
PFHpA	(363.0 / 319.0) 513119 (363.0 / 169.0) 160614	(7.09 , 1.00) (0.00 , N/A , 0.0)	710.7 526.0	0.3130 100.2 112.6	4.6755 [5.0000]	93.5%			
PFOA	(413.0 / 369.0) 554353 (413.0 / 169.0) 181322	(7.90 , 1.00) (0.00 , N/A , 0.0)	634.2 553.9	0.3271 97.1 102.6	4.8738 [5.0000]	97.5%			
PFNA	(463.0 / 419.0) 422448 (463.0 / 169.0) 90357	(8.65 , 1.00) (0.00 , N/A , -0.1)	496.2 107.0	0.2139 106.6 104.6	5.5185 [5.0000]	110.4%			
PFDA	(513.0 / 469.0) 603952 (513.0 / 169.0) 53166	(9.32 , 1.00) (0.01 , N/A , -0.1)	478.5 803.0	0.0880 110.6 96.9	5.5394 [5.0000]	110.8%			
PFUnA	(563.0 / 519.0) 754257 (563.0 / 169.0) 68929	(9.72 , 1.00) (0.00 , N/A , 0.0)	751.7 278.7	0.0914 81.6 106.6	5.7611 [5.0000]	115.2%			
PFDoA	(613.0 / 569.0) 897112 (613.0 / 169.0) 124458	(9.89 , 1.00) (0.00 , N/A , -0.3)	697.0 391.6	0.1387 110.5 113.4	5.5534 [5.0000]	111.1%			
PFTrDA	(663.0 / 619.0) 684044 (663.0 / 169.0) 145726	(10.02 , 1.01) (N/A , 0.01 , -0.2)	642.4 378.5	0.2130 101.9 93.4	5.1311 [5.0000]	102.6%			
PFTeDA	(713.0 / 669.0) 621231 (713.0 / 169.0) 113868	(10.12 , 1.00) (0.00 , N/A , 0.2)	762.7 300.5	0.1833 80.7 102.9	4.4829 [5.0000]	89.7%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (27)
Acquired: 2022/12/16 - 05:30

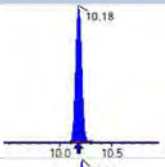
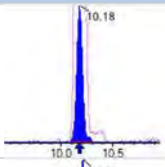
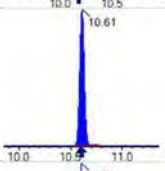
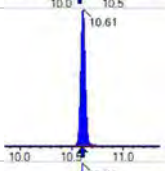
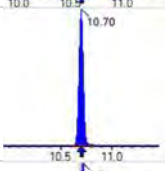
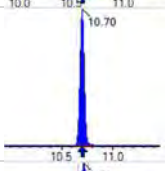
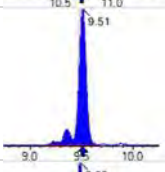
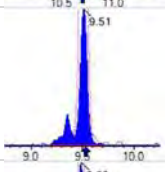
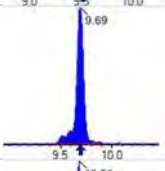
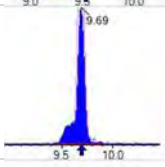
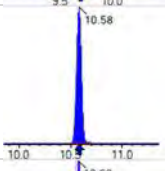
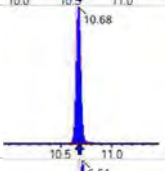
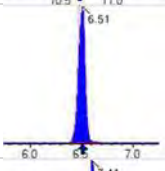
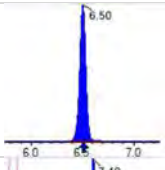
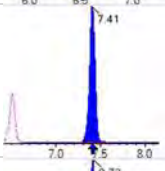
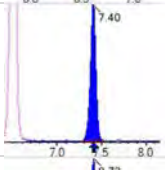
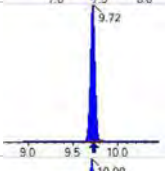
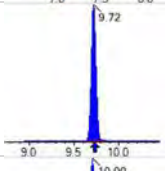
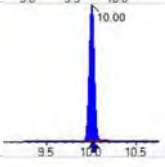
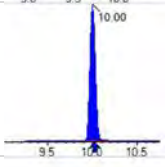
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) 872244 (298.9 / 99.0) 526960	(6.11 , 1.00) (0.00 , N/A , -0.1)	958.9 701.1	0.6041 88.8 90.9	4.2170 [4.4237]	95.3%			
PFPeS	(349.0 / 80.0) 1427714 (349.0 / 99.0) 494388	(7.15 , 0.89) (N/A , 0.02 , 0.1)	672.9 718.3	0.3463 92.7 101.2	4.4223 [4.6919]	94.3%			
PFHxS	(399.0 / 80.0) 1254592 (399.0 / 99.0) 439370	(8.03 , 1.00) (0.00 , N/A , 0.1)	22765.7 14603.1	0.3502 102.2 105.8	4.5840 [4.5549]	100.6%			
PFHpS	(449.0 / 80.0) 1097440 (449.0 / 99.0) 324413	(8.80 , 0.93) (N/A , 0.03 , 0.3)	608.6 400.6	0.2956 100.7 108.6	4.4690 [4.7570]	93.9%			
PFOS	(499.0 / 80.0) 1357453 (499.0 / 99.0) 313614	(9.47 , 1.00) (0.00 , N/A , 0.0)	123.5 166.5	0.2310 101.1 106.5	4.4588 [4.6375]	96.1%			
PFNS	(549.0 / 80.0) 1779818 (549.0 / 99.0) 451600	(9.77 , 1.03) (N/A , 0.01 , 0.0)	683.6 654.5	0.2537 101.7 96.2	5.0841 [4.7994]	105.9%			
PFDS	(599.0 / 80.0) 2129784 (599.0 / 99.0) 498354	(9.92 , 1.05) (N/A , 0.01 , 0.1)	825.2 676.4	0.2340 91.8 107.2	4.9303 [4.8155]	102.4%			
PFDoS	(698.9 / 80.0) 1214200 (698.9 / 99.0) 298834	(10.11 , 1.07) (N/A , 0.01 , -0.1)	910.3 1511.4	0.2461 119.8 104.3	5.3849 [4.8478]	111.1%			
4:2FTS	(327.0 / 307.0) 1274161 (327.0 / 81.0) 715847	(5.82 , 1.00) (0.00 , N/A , -0.2)	1029.9 759.8	0.5618 112.4 95.3	18.3282 [18.6906]	98.1%			
6:2FTS	(427.0 / 407.0) 770926 (427.0 / 81.0) 543448	(7.56 , 1.00) (0.00 , N/A , 0.1)	956.8 837.0	0.7049 98.4 101.3	20.1749 [18.9808]	106.3%			
8:2FTS	(527.0 / 507.0) 653837 (527.0 / 81.0) 460958	(8.98 , 1.00) (0.00 , N/A , -0.1)	594.3 453.8	0.7050 100.2 110.9	20.5515 [19.1658]	107.2%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (27)
Acquired: 2022/12/16 - 05:30

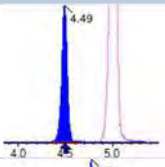
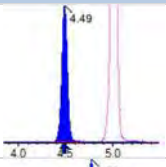
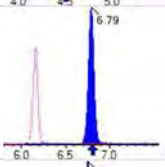
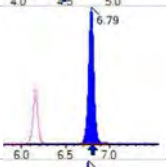
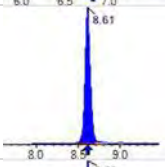
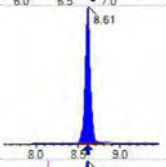
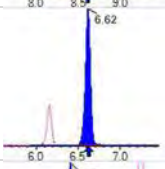
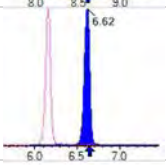
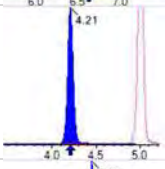
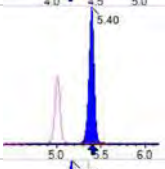
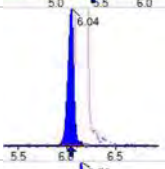
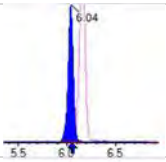
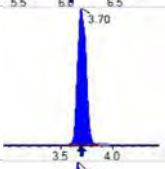
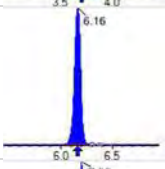
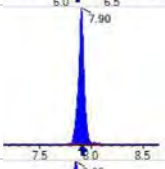
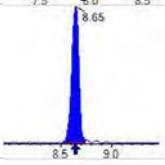
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 2358927 (498.0 / 478.0) 44942	(10.18 , 1.00) (0.00 , N/A , 0.1)	1106.4 612.6	0.0191 80.6 81.9	4.5897 [5.0000]	91.8%			
NMeFOSA	(511.9 / 219.0) 2028583 (511.9 / 169.0) 1377150	(10.61 , 1.00) (0.00 , N/A , 0.0)	985.7 814.8	0.6789 97.4 100.4	21.4175 [20.0000]	107.1%			
NEtFOSA	(526.0 / 219.0) 2185323 (526.0 / 169.0) 2382441	(10.70 , 1.00) (0.00 , N/A , 0.0)	1463.7 2057.8	1.0902 96.8 104.1	19.2874 [20.0000]	96.4%			
NMeFOSAA	(570.0 / 419.0) 284206 (570.0 / 483.0) 131027	(9.51 , 1.00) (0.00 , N/A , -0.1)	453.3 368.0	0.4610 98.2 74.5	5.0021 [5.0000]	100.0%			
NEtFOSAA	(584.0 / 419.0) 275231 (584.0 / 526.0) 160907	(9.69 , 1.00) (0.01 , N/A , 0.1)	634.9 288.6	0.5846 75.9 88.7	4.9208 [5.0000]	98.4%			
NMeFOSE	(616.1 / 59.0) 619898	(10.58 , 1.00) (0.01 , N/A , 0.0)	1313.9	N/A 0.0 0.0	20.3071 [20.0000]	101.5%			
NEtFOSE	(630.0 / 59.0) 170675	(10.68 , 1.00) (0.00 , N/A , 0.0)	949.0	N/A 0.0 0.0	19.6845 [20.0000]	98.4%			
HFPO-DA	(285.0 / 169.0) 494083 (285.0 / 185.0) 1458515	(6.51 , 1.00) (0.00 , N/A , 0.1)	915.9 1137.4	2.9520 115.7 107.0	9.2855 [10.0000]	92.9%			
ADONA	(377.0 / 85.0) 1951802 (377.0 / 251.0) 253075	(7.41 , 1.14) (N/A , 0.03 , 0.1)	925.7 592.1	0.1297 103.4 99.6	8.8484 [9.4270]	93.9%			
9Cl-Pf3ONS	(531.0 / 351.0) 5952296 (533.0 / 353.0) 2016668	(9.72 , 1.49) (N/A , 0.02 , 0.1)	724.9 800.0	0.3388 107.0 108.1	9.5155 [9.3325]	102.0%			
11Cl-PF3OUDS	(631.0 / 451.0) 3620732 (633.0 / 453.0) 1123286	(10.00 , 1.54) (N/A , 0.02 , 0.1)	884.7 800.1	0.3102 106.0 101.4	8.7841 [9.4321]	93.1%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (27)
Acquired: 2022/12/16 - 05:30

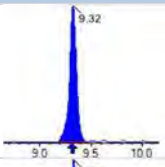
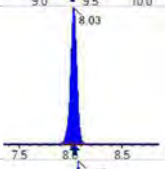
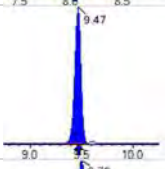
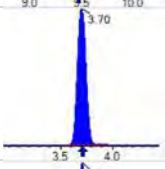
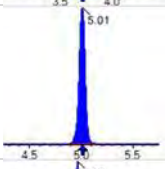
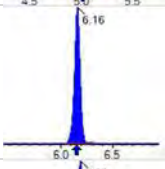
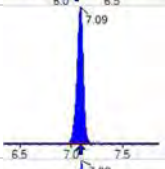
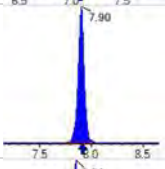
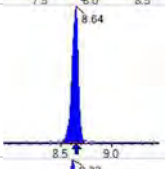
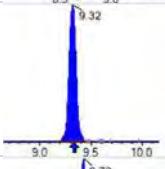
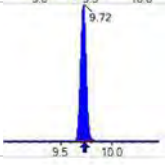
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 70104 (241.0 / 117.0) 119921	(4.49 , 0.90) (N/A , 0.02 , 0.2)	614.9 802.6	1.7106 0.1 102.8	20.3623 [20.0000]	101.8%			IR1,
5:3FTCA	(341.0 / 236.7) 506233 (341.0 / 217.0) 870594	(6.79 , 1.10) (N/A , 0.03 , -0.1)	841.9 723.0	1.7198 108.8 107.8	17.4369 [20.0000]	87.2%			
7:3FTCA	(441.0 / 317.0) 567591 (441.0 / 337.0) 460049	(8.61 , 1.40) (N/A , 0.03 , -0.1)	423.6 527.1	0.8105 99.7 91.0	17.3235 [20.0000]	86.6%			
PFEESA	(315.0 / 135.0) 1170802 (315.0 / 83.0) 339996	(6.62 , 1.07) (N/A , 0.03 , 0.0)	696.7 808.3	0.2904 102.7 105.5	7.9963 [8.9246]	89.6%			
PFMPA	(229.0 / 85.0) 204843	(4.21 , 0.84) (N/A , 0.02 , 0.0)	1015.9	N/A 0.0 0.0	9.4547 [10.0000]	94.5%			
PFMBA	(279.0 / 85.0) 695702	(5.40 , 1.08) (N/A , 0.02 , 0.0)	1173.4	N/A 0.0 0.0	9.8365 [10.0000]	98.4%			
NFDHA	(201.0 / 85.0) 24408 (295.0 / 201.0) 191174	(6.04 , 0.98) (N/A , 0.03 , 0.2)	408.9 1041.5	7.8325 1.0 98.2	8.5744 [10.0000]	85.7%			IR1,
13C3_PFBA_IIS	(216.0 / 172.0) 83199	(3.70 , N/A) (N/A , 0.02 , N/A)	598.1	N/A	0.9516 [1.0000]	95.2% { 100.0% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 124888	(6.16 , N/A) (N/A , 0.03 , N/A)	478.2	N/A	0.9492 [1.0000]	94.9% { 94.6% }			
13C4_PFOA_IIS	(417.0 / 372.0) 115783	(7.90 , N/A) (N/A , 0.03 , N/A)	436.3	N/A	0.9250 [1.0000]	92.5% { 94.5% }			
13C5_PFNA_IIS	(468.0 / 423.0) 92148	(8.65 , N/A) (N/A , 0.03 , N/A)	244.5	N/A	0.9232 [1.0000]	92.3% { 95.8% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (27)
Acquired: 2022/12/16 - 05:30

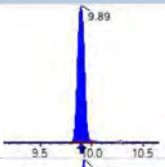
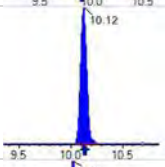
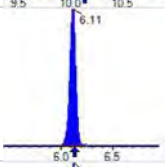
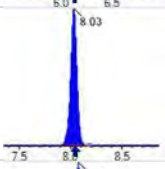
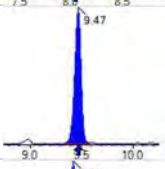
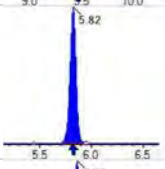
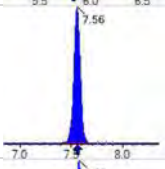
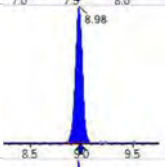
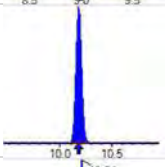
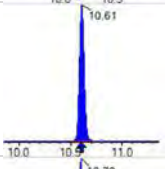
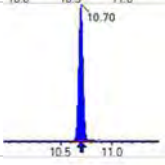
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 94709	(9.32 , N/A) (N/A , 0.03 , N/A)	285.9	N/A	0.9133 [1.0000]	91.3% { 94.9% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 211262	(8.03 , N/A) (N/A , 0.02 , N/A)	873.0	N/A	0.8930 [1.0000]	89.3% { 95.1% }			
13C4_PFOS_IIS	(502.8 / 79.9) 184511	(9.47 , N/A) (N/A , 0.03 , N/A)	424.9	N/A	0.9197 [1.0000]	92.0% { 93.3% }			
13C4_PFBA_EIS	(217.0 / 172.0) 607392	(3.70 , N/A) (N/A , 0.02 , N/A)	779.3	N/A	7.0514 [8.0000]	88.1% { 90.4% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 354649	(5.01 , N/A) (N/A , 0.02 , N/A)	842.6	N/A	3.8572 [4.0000]	96.4% { 93.2% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 314303	(6.16 , N/A) (N/A , 0.03 , N/A)	563.9	N/A	2.1379 [2.0000]	106.9% { 110.3% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 243076	(7.09 , N/A) (N/A , 0.03 , N/A)	568.2	N/A	1.8714 [2.0000]	93.6% { 92.9% }			
13C8_PFOA_EIS	(421.0 / 376.0) 240014	(7.90 , N/A) (N/A , 0.03 , N/A)	612.1	N/A	1.8760 [2.0000]	93.8% { 95.2% }			
13C9_PFNA_EIS	(472.0 / 427.0) 90593	(8.64 , N/A) (N/A , 0.03 , N/A)	318.5	N/A	0.9000 [1.0000]	90.0% { 96.1% }			
13C6_PFDA_EIS	(519.0 / 474.0) 118259	(9.32 , N/A) (N/A , 0.03 , N/A)	376.5	N/A	0.9215 [1.0000]	92.1% { 90.5% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 175668	(9.72 , N/A) (N/A , 0.02 , N/A)	1166.9	N/A	0.9507 [1.0000]	95.1% { 117.4% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (27)
Acquired: 2022/12/16 - 05:30

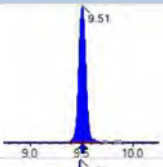
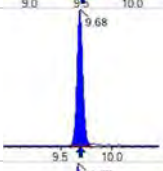
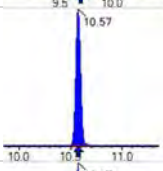
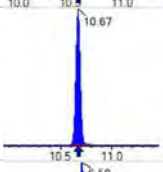
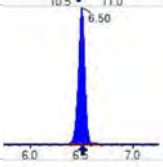
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 201671	(9.89 , N/A) (N/A , 0.02 , N/A)	368.3	N/A	0.9678 [1.0000]	96.8% { 83.4% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 144796	(10.12 , N/A) (N/A , 0.01 , N/A)	410.1	N/A	1.1432 [1.0000]	114.3% { 109.2% }			
13C3_PFBS_EIS	(302.0 / 80.0) 757311	(6.11 , N/A) (N/A , 0.02 , N/A)	804.3	N/A	2.1949 [2.0000]	109.7% { 101.7% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 344186	(8.03 , N/A) (N/A , 0.03 , N/A)	751.9	N/A	1.9235 [2.0000]	96.2% { 95.5% }			
13C8_PFOS_EIS	(507.0 / 80.0) 553991	(9.47 , N/A) (N/A , 0.03 , N/A)	289.9	N/A	1.8278 [2.0000]	91.4% { 89.4% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 87194	(5.82 , N/A) (N/A , 0.02 , N/A)	465.1	N/A	4.4817 [4.0000]	112.0% { 95.6% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 98994	(7.56 , N/A) (N/A , 0.03 , N/A)	547.1	N/A	3.9704 [4.0000]	99.3% { 89.3% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 86821	(8.98 , N/A) (N/A , 0.03 , N/A)	354.8	N/A	3.8841 [4.0000]	97.1% { 81.4% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 1032743	(10.18 , N/A) (N/A , 0.01 , N/A)	807.8	N/A	2.3413 [2.0000]	117.1% { 112.9% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 237429	(10.61 , N/A) (N/A , 0.01 , N/A)	988.6	N/A	2.1606 [2.0000]	108.0% { 98.4% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 248497	(10.70 , N/A) (N/A , 0.01 , N/A)	755.3	N/A	2.4217 [2.0000]	121.1% { 105.8% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (27)
Acquired: 2022/12/16 - 05:30

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 313592	(9.51 , N/A) (N/A , 0.02 , N/A)	356.0	N/A	4.4107 [4.0000]	110.3% { 114.2% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 248192	(9.68 , N/A) (N/A , 0.02 , N/A)	368.2	N/A	4.2003 [4.0000]	105.0% { 102.4% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 479465	(10.57 , N/A) (N/A , 0.01 , N/A)	1006.4	N/A	22.6824 [20.0000]	113.4% { 104.2% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 271653	(10.67 , N/A) (N/A , 0.01 , N/A)	1338.8	N/A	23.8651 [20.0000]	119.3% { 100.2% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 696661	(6.50 , N/A) (N/A , 0.03 , N/A)	837.8	N/A	7.7829 [8.0000]	97.3% { 97.6% }			

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2253011b
Standard ID:b	22L04480	Sequence:b	SB04003b

Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB04003-CCV1b	PFBAb	20.0b	21.2b	106b	ng/mLb	+/- 30.00%b
	PFPEAb	10.0b	10.2b	102b	ng/mLb	+/- 30.00%b
	PFHXAb	5.00b	5.25b	105b	ng/mLb	+/- 30.00%b
	PFHPAb	5.00b	5.31b	106b	ng/mLb	+/- 30.00%b
	PFOAb	5.00b	4.96b	99.3b	ng/mLb	+/- 30.00%b
	PFNAb	5.00b	4.99b	99.8b	ng/mLb	+/- 30.00%b
	PFDAb	5.00b	5.07b	101b	ng/mLb	+/- 30.00%b
	PFUnAb	5.00b	5.72b	114b	ng/mLb	+/- 30.00%b
	PFDOAb	5.00b	4.82b	96.5b	ng/mLb	+/- 30.00%b
	PFTRDAb	5.00b	5.60b	112b	ng/mLb	+/- 30.00%b
	PFTEDAb	5.00b	4.06b	81.2b	ng/mLb	+/- 30.00%b
	PFBSb	4.42b	4.45b	101b	ng/mLb	+/- 30.00%b
	PFPESb	4.70b	5.35b	114b	ng/mLb	+/- 30.00%b
	PFHXSb	4.58b	5.02b	110b	ng/mLb	+/- 30.00%b
	PFHPSb	4.78b	4.76b	99.6b	ng/mLb	+/- 30.00%b
	PFOSb	4.65b	4.92b	106b	ng/mLb	+/- 30.00%b
	PFNSb	4.80b	5.41b	113b	ng/mLb	+/- 30.00%b
	PFDSb	4.82b	5.70b	118b	ng/mLb	+/- 30.00%b
	4:2FTSb	18.8b	18.4b	97.8b	ng/mLb	+/- 30.00%b
	6:2FTSb	19.0b	19.3b	102b	ng/mLb	+/- 30.00%b
	8:2FTSb	19.2b	20.8b	108b	ng/mLb	+/- 30.00%b
	PFOSAb	5.00b	4.88b	97.6b	ng/mLb	+/- 30.00%b
	NMeFOSAb	20.0b	21.2b	106b	ng/mLb	+/- 30.00%b
	NEtFOSAb	20.0b	20.7b	104b	ng/mLb	+/- 30.00%b
	NMeFOSAAb	5.00b	4.94b	98.8b	ng/mLb	+/- 30.00%b
	NEtFOSAAb	5.00b	4.23b	84.6b	ng/mLb	+/- 30.00%b
	NMeFOSEb	20.0b	20.7b	103b	ng/mLb	+/- 30.00%b
	NEtFOSEb	20.0b	20.1b	100b	ng/mLb	+/- 30.00%b
	HFPO-DAb	10.0b	10.6b	106b	ng/mLb	+/- 30.00%b
	ADONAb	9.45b	10.9b	115b	ng/mLb	+/- 30.00%b

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2253011b
Standard ID:b	22L04480	Sequence:b	SB04003b

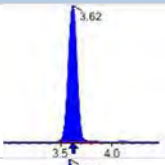
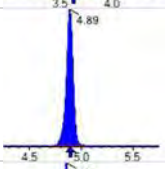
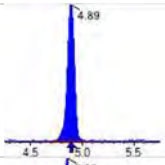
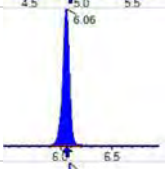
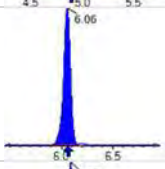
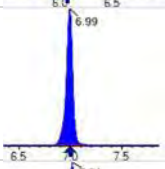
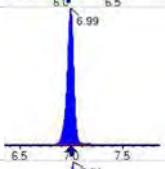
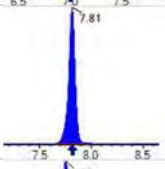
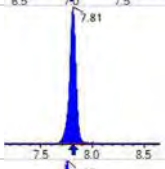
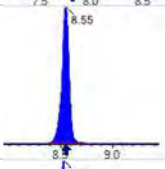
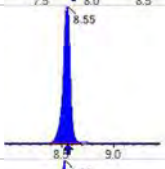
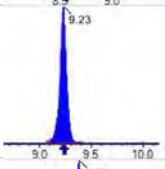
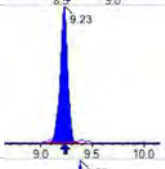
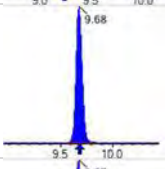
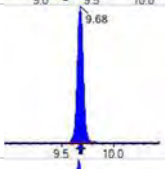
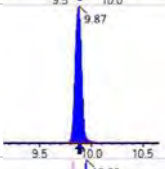
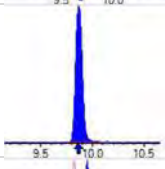
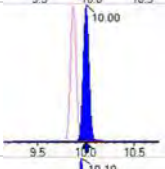
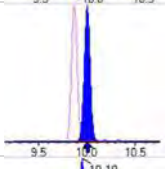
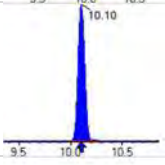
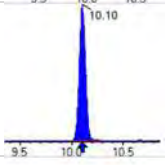
Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB04003-CCV1b	9CL-PF3ONSb	9.35b	9.99b	107b	ng/mLb	+/- 30.00%b
	11CL-PF3OUDSb	9.45b	11.0b	116b	ng/mLb	+/- 30.00%b

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (3)
Acquired: 2022/12/30 - 04:28

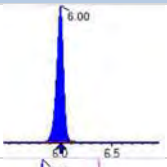
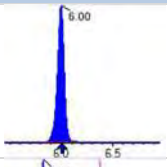
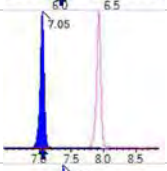
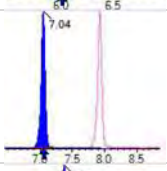
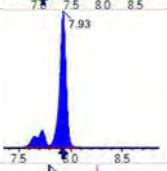
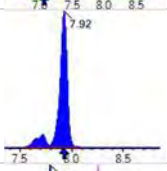
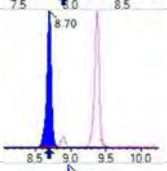
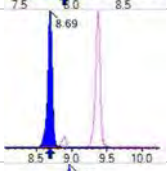
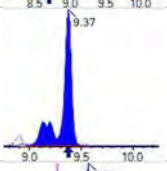
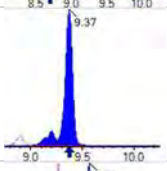
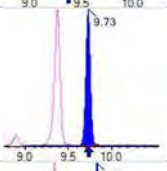
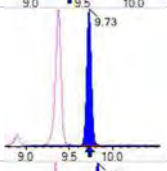
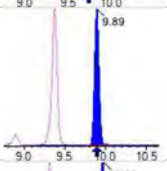
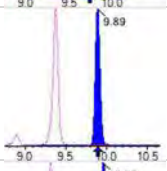
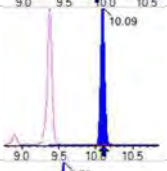
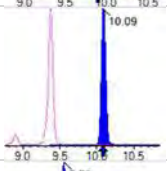
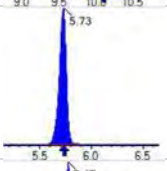
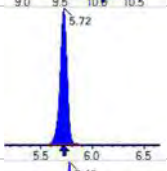
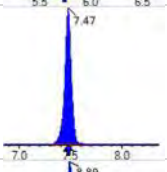
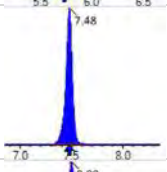
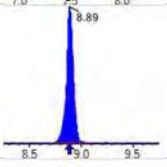
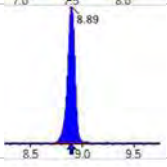
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(213.0 / 169.0) 4602968	(3.62 , 1.00) (0.00 , N/A , 0.0)	666.4	N/A 0.0 0.0	21.1747 [20.0000]	105.9%			
PFPeA	(263.0 / 219.0) 3152369 (263.0 / 69.0) 36448	(4.89 , 1.00) (0.00 , N/A , -0.1)	614.9 358.6	0.0116 111.9 100.0	10.1876 [10.0000]	101.9%			
PFHxA	(313.0 / 269.0) 2111480 (313.0 / 119.0) 191284	(6.06 , 1.00) (0.00 , N/A , 0.1)	462.1 387.2	0.0906 93.1 100.0	5.2497 [5.0000]	105.0%			
PFHpA	(363.0 / 319.0) 2074297 (363.0 / 169.0) 566410	(6.99 , 1.00) (0.00 , N/A , 0.0)	703.6 423.9	0.2731 95.4 100.0	5.3068 [5.0000]	106.1%			
PFOA	(413.0 / 369.0) 2090822 (413.0 / 169.0) 638380	(7.81 , 1.00) (0.00 , N/A , 0.1)	610.9 623.4	0.3053 100.6 100.0	4.9638 [5.0000]	99.3%			
PFNA	(463.0 / 419.0) 1580628 (463.0 / 169.0) 337492	(8.55 , 1.00) (0.00 , N/A , -0.2)	482.3 414.6	0.2135 100.8 100.0	4.9897 [5.0000]	99.8%			
PFDA	(513.0 / 469.0) 2232161 (513.0 / 169.0) 212720	(9.23 , 1.00) (0.00 , N/A , 0.2)	449.6 227.0	0.0953 103.4 100.0	5.0715 [5.0000]	101.4%			
PFUnA	(563.0 / 519.0) 2510680 (563.0 / 169.0) 241265	(9.68 , 1.00) (0.00 , N/A , -0.2)	547.2 321.3	0.0961 124.9 100.0	5.7193 [5.0000]	114.4%			
PFDoA	(613.0 / 569.0) 2656923 (613.0 / 169.0) 339978	(9.87 , 1.00) (0.00 , N/A , 0.3)	885.1 410.7	0.1280 95.0 100.0	4.8230 [5.0000]	96.5%			
PFTrDA	(663.0 / 619.0) 2691735 (663.0 / 169.0) 491443	(10.00 , 1.01) (N/A , 0.00 , -0.1)	1282.4 397.7	0.1826 83.8 100.0	5.5999 [5.0000]	112.0%			
PFTeDA	(713.0 / 669.0) 1673073 (713.0 / 169.0) 398196	(10.10 , 1.00) (0.00 , N/A , 0.1)	641.9 620.7	0.2380 120.6 100.0	4.0610 [5.0000]	81.2%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (3)
Acquired: 2022/12/30 - 04:28

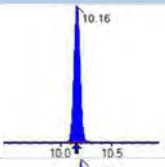
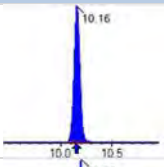
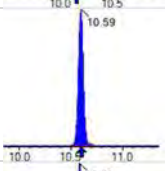
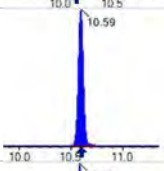
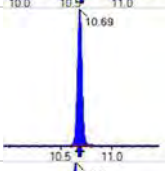
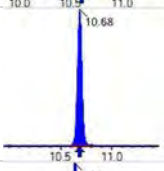
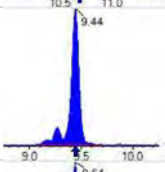
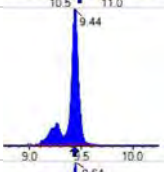
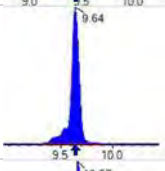
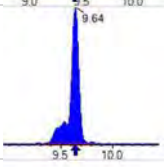
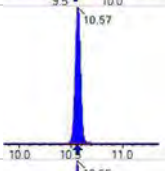
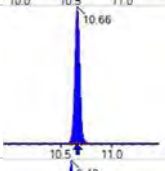
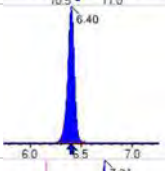
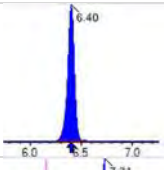
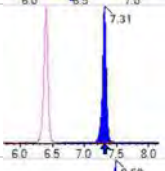
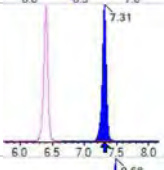
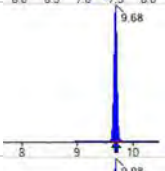
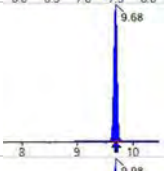
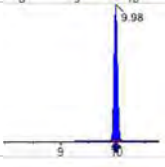
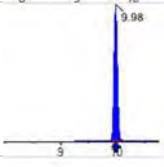
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(299.0 / 80.0) 2887855 (299.0 / 99.0) 1851717	(6.00 , 1.00) (0.00 , N/A , 0.2)	519.7 592.5	0.6412 97.6 100.0	4.4539 [4.4237]	100.7%			
PFPeS	(349.0 / 80.0) 5237084 (349.0 / 99.0) 1858079	(7.05 , 0.89) (N/A , 0.00 , 0.1)	686.6 665.6	0.3548 95.7 100.0	5.3519 [4.6919]	114.1%			
PFHxS	(399.0 / 80.0) 4324468 (399.0 / 99.0) 1385619	(7.93 , 1.00) (0.00 , N/A , 0.1)	854.2 941.9	0.3204 98.3 100.0	5.0176 [4.5549]	110.2%			
PFHpS	(449.0 / 80.0) 3628665 (449.0 / 99.0) 1026305	(8.70 , 0.93) (N/A , 0.00 , 0.1)	689.4 554.3	0.2828 108.5 100.0	4.7593 [4.7570]	100.0%			
PFOS	(499.0 / 80.0) 4317076 (499.0 / 99.0) 984763	(9.37 , 1.00) (0.00 , N/A , 0.1)	363.3 664.5	0.2281 109.7 100.0	4.9198 [4.6375]	106.1%			
PFNS	(549.0 / 80.0) 5380691 (549.0 / 99.0) 1244935	(9.73 , 1.04) (N/A , 0.00 , 0.1)	617.1 507.6	0.2314 97.2 100.0	5.4095 [4.7994]	112.7%			
PFDS	(599.0 / 80.0) 6852357 (599.0 / 99.0) 1297612	(9.89 , 1.06) (N/A , 0.00 , 0.2)	1153.0 616.3	0.1894 72.0 100.0	5.6975 [4.8155]	118.3%			
PFDoS	(699.0 / 80.0) 3510171 (699.0 / 99.0) 634336	(10.09 , 1.08) (N/A , 0.00 , 0.0)	919.3 433.6	0.1807 92.2 100.0	6.1977 [4.8478]	127.8%			
4:2FTS	(327.0 / 307.0) 8123897 (327.0 / 81.0) 5067808	(5.73 , 1.00) (0.00 , N/A , 0.2)	564.9 704.1	0.6238 87.1 100.0	18.3954 [18.6906]	98.4%			
6:2FTS	(427.0 / 407.0) 5512815 (427.0 / 81.0) 3833865	(7.47 , 1.00) (0.00 , N/A , -0.1)	695.8 736.3	0.6954 94.1 100.0	19.3356 [18.9808]	101.9%			
8:2FTS	(527.0 / 507.0) 4960382 (527.0 / 81.0) 3725021	(8.89 , 1.00) (0.00 , N/A , -0.4)	473.0 498.2	0.7510 122.7 100.0	20.7798 [19.1658]	108.4%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (3)
Acquired: 2022/12/30 - 04:28

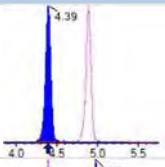
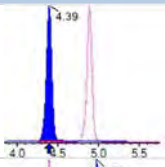
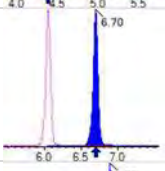
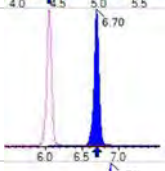
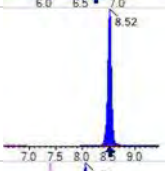
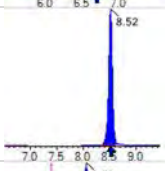
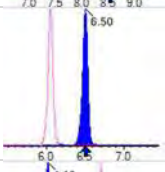
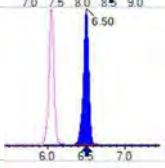
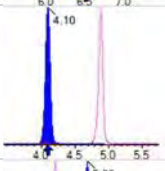
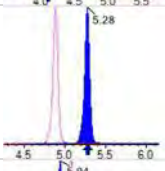
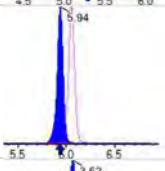
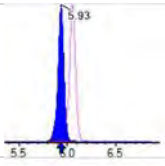
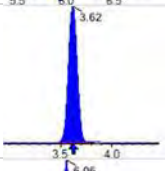
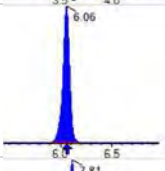
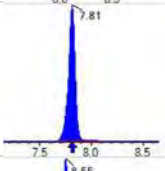
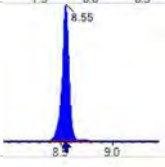
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 5795238 (498.0 / 478.0) 119525	(10.16 , 1.00) (0.00 , N/A , 0.1)	893.4 402.8	0.0206 98.8 100.0	4.8799 [5.0000]	97.6%			
NMeFOSA	(512.0 / 219.0) 4099650 (512.0 / 169.0) 2741685	(10.59 , 1.00) (0.00 , N/A , 0.1)	878.6 1028.1	0.6688 96.6 100.0	21.2375 [20.0000]	106.2%			
NEtFOSA	(526.0 / 219.0) 3793431 (526.0 / 169.0) 4094290	(10.69 , 1.00) (0.00 , N/A , 0.0)	1205.6 1177.9	1.0793 108.7 100.0	20.7167 [20.0000]	103.6%			
NMeFOSAA	(570.0 / 419.0) 1117457 (570.0 / 483.0) 590168	(9.44 , 1.00) (0.00 , N/A , 0.3)	358.4 355.0	0.5281 94.9 100.0	4.9390 [5.0000]	98.8%			
NEtFOSAA	(584.0 / 419.0) 899777 (584.0 / 526.0) 592836	(9.64 , 1.00) (0.01 , N/A , 0.2)	798.8 651.9	0.6589 111.1 100.0	4.2309 [5.0000]	84.6%			
NMeFOSE	(616.0 / 59.0) 1159035	(10.57 , 1.00) (0.01 , N/A , 0.0)	980.2	N/A 0.0 0.0	20.6619 [20.0000]	103.3%			
NEtFOSE	(630.0 / 59.0) 259149	(10.66 , 1.00) (0.01 , N/A , 0.0)	1134.4	N/A 0.0 0.0	20.0513 [20.0000]	100.3%			
HFPO-DA	(285.0 / 169.0) 1671318 (285.0 / 185.0) 4149573	(6.40 , 1.00) (0.00 , N/A , 0.0)	578.5 682.4	2.4828 96.8 100.0	10.5711 [10.0000]	105.7%			
ADONA	(377.0 / 85.0) 6872301 (377.0 / 251.0) 738681	(7.31 , 1.14) (N/A , 0.00 , 0.1)	807.0 713.9	0.1075 87.4 100.0	10.9078 [9.4270]	115.7%			
9Cl-Pf3ONS	(531.0 / 351.0) 17197741 (533.0 / 353.0) 5124653	(9.68 , 1.51) (N/A , 0.00 , 0.0)	685.7 732.6	0.2980 94.3 100.0	9.9943 [9.3325]	107.1%			
11Cl-PF3OUDS	(631.0 / 451.0) 10694409 (633.0 / 453.0) 3400765	(9.98 , 1.56) (N/A , 0.00 , 0.0)	1218.4 1303.6	0.3180 102.7 100.0	10.9811 [9.4321]	116.4%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (3)
Acquired: 2022/12/30 - 04:28

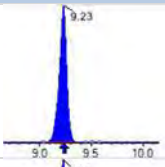
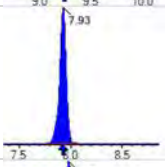
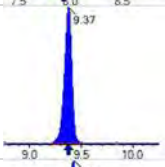
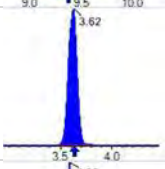
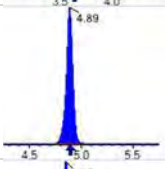
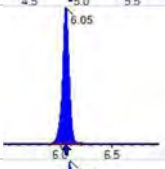
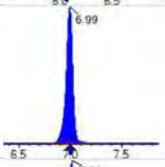
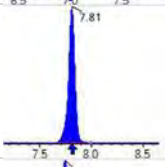
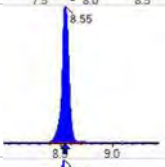
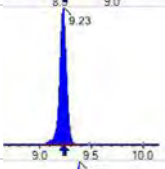
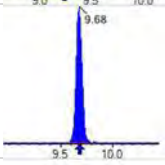
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 207013 (241.0 / 117.0) 273267	(4.39 , 0.90) (N/A , 0.00 , 0.1)	600.4 364.8	1.3200 100.4 100.0	19.4641 [20.0000]	97.3%			
5:3FTCA	(341.0 / 236.7) 1317170 (341.0 / 217.0) 2040224	(6.70 , 1.11) (N/A , 0.00 , 0.1)	549.8 502.2	1.5489 86.3 100.0	21.3957 [20.0000]	107.0%			
7:3FTCA	(441.0 / 317.0) 1530538 (441.0 / 337.0) 1295648	(8.52 , 1.41) (N/A , 0.00 , 0.1)	433.6 445.4	0.8465 102.7 100.0	19.0853 [20.0000]	95.4%			
PFEESA	(315.0 / 135.0) 3349414 (315.0 / 83.0) 935050	(6.50 , 1.07) (N/A , 0.00 , 0.0)	668.4 673.5	0.2792 91.5 100.0	9.0700 [8.9246]	101.6%			
PFMPA	(229.0 / 85.0) 882122	(4.10 , 0.84) (N/A , 0.00 , 0.0)	1038.4	N/A 0.0 0.0	9.7613 [10.0000]	97.6%			
PFMBA	(279.0 / 85.0) 2491338	(5.28 , 1.08) (N/A , 0.00 , 0.0)	693.9	N/A 0.0 0.0	9.6673 [10.0000]	96.7%			
NFDHA	(295.0 / 201.0) 1999421 (295.0 / 85.0) 1835647	(5.94 , 0.98) (N/A , 0.00 , 0.1)	741.6 657.1	0.9181 106.9 100.0	10.1277 [10.0000]	101.3%			
13C3_PFBA_IIS	(216.0 / 172.0) 235809	(3.62 , N/A) (N/A , 0.00 , N/A)	620.3	N/A	1.0950 [1.0000]	109.5% { 100.0% }			
13C2_PFHxA_IIS	(315.0 / 270.0) 412863	(6.06 , N/A) (N/A , 0.00 , N/A)	574.3	N/A	1.0876 [1.0000]	108.8% { 100.0% }			
13C4_PFOA_IIS	(417.0 / 372.0) 393239	(7.81 , N/A) (N/A , 0.00 , N/A)	526.0	N/A	1.0894 [1.0000]	108.9% { 100.0% }			
13C5_PFNA_IIS	(468.0 / 423.0) 320671	(8.55 , N/A) (N/A , 0.00 , N/A)	424.8	N/A	1.0905 [1.0000]	109.0% { 100.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (3)
Acquired: 2022/12/30 - 04:28

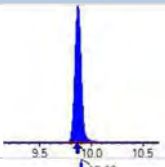
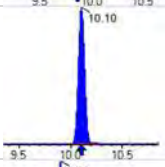
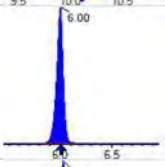
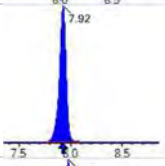
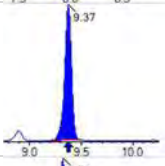
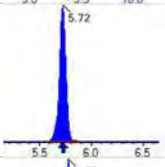
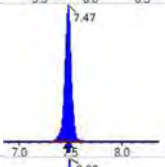
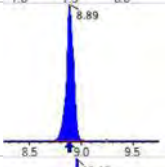
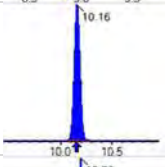
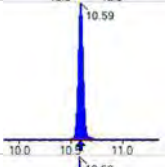
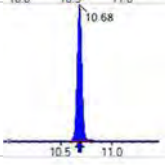
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.0 / 470.1) 352353	(9.23 , N/A) (N/A , 0.00 , N/A)	360.8	N/A	1.0344 [1.0000]	103.4% { 100.0% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 629781	(7.93 , N/A) (N/A , 0.00 , N/A)	773.2	N/A	1.0408 [1.0000]	104.1% { 100.0% }			
13C4_PFOS_IIS	(503.0 / 79.9) 653987	(9.37 , N/A) (N/A , 0.00 , N/A)	462.6	N/A	1.0142 [1.0000]	101.4% { 100.0% }			
13C4_PFBA_EIS	(217.0 / 172.0) 1861287	(3.62 , N/A) (N/A , 0.00 , N/A)	551.7	N/A	7.8619 [8.0000]	98.3% { 100.0% }			
13C5_PFPeA_EIS	(268.0 / 223.0) 1303509	(4.89 , N/A) (N/A , 0.00 , N/A)	672.7	N/A	4.1849 [4.0000]	104.6% { 100.0% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 810636	(6.05 , N/A) (N/A , 0.00 , N/A)	573.2	N/A	1.9187 [2.0000]	95.9% { 100.0% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 746030	(6.99 , N/A) (N/A , 0.00 , N/A)	455.9	N/A	2.0327 [2.0000]	101.6% { 100.0% }			
13C8_PFOA_EIS	(421.0 / 376.0) 790805	(7.81 , N/A) (N/A , 0.00 , N/A)	569.5	N/A	1.9655 [2.0000]	98.3% { 100.0% }			
13C9_PFNA_EIS	(472.0 / 427.0) 328214	(8.55 , N/A) (N/A , 0.00 , N/A)	506.8	N/A	0.9851 [1.0000]	98.5% { 100.0% }			
13C6_PFDA_EIS	(519.0 / 474.0) 443844	(9.23 , N/A) (N/A , 0.00 , N/A)	371.1	N/A	1.0429 [1.0000]	104.3% { 100.0% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 481023	(9.68 , N/A) (N/A , 0.00 , N/A)	348.3	N/A	0.9190 [1.0000]	91.9% { 100.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (3)
Acquired: 2022/12/30 - 04:28

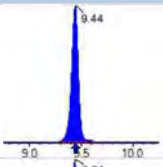
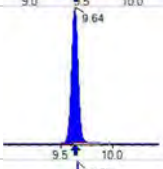
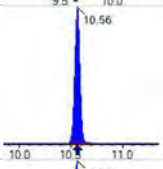
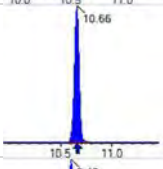
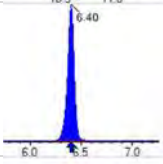
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 574820	(9.87 , N/A) (N/A , 0.00 , N/A)	453.6	N/A	1.1005 [1.0000]	110.0% { 100.0% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 407275	(10.10 , N/A) (N/A , 0.00 , N/A)	845.0	N/A	1.2306 [1.0000]	123.1% { 100.0% }			
13C3_PFBS_EIS	(302.0 / 80.0) 2032705	(6.00 , N/A) (N/A , 0.00 , N/A)	511.8	N/A	2.1326 [2.0000]	106.6% { 100.0% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 995187	(7.92 , N/A) (N/A , 0.00 , N/A)	561.4	N/A	1.9283 [2.0000]	96.4% { 100.0% }			
13C8_PFOS_EIS	(507.0 / 80.0) 1507126	(9.37 , N/A) (N/A , 0.00 , N/A)	166.6	N/A	1.9123 [2.0000]	95.6% { 100.0% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 519493	(5.72 , N/A) (N/A , 0.00 , N/A)	613.1	N/A	4.8242 [4.0000]	120.6% { 100.0% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 710328	(7.47 , N/A) (N/A , 0.00 , N/A)	725.2	N/A	4.9854 [4.0000]	124.6% { 100.0% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 612131	(8.89 , N/A) (N/A , 0.00 , N/A)	495.9	N/A	3.4082 [4.0000]	85.2% { 100.0% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 2048048	(10.16 , N/A) (N/A , 0.00 , N/A)	584.9	N/A	2.2264 [2.0000]	111.3% { 100.0% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 397442	(10.59 , N/A) (N/A , 0.00 , N/A)	928.4	N/A	2.2848 [2.0000]	114.2% { 100.0% }			
D5_NEtFOSA_EIS	(531.0 / 169.0) 369212	(10.68 , N/A) (N/A , 0.00 , N/A)	688.3	N/A	2.3173 [2.0000]	115.9% { 100.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (3)
Acquired: 2022/12/30 - 04:28

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 997304	(9.44 , N/A) (N/A , 0.00 , N/A)	386.0	N/A	4.0218 [4.0000]	100.5% { 100.0% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 862934	(9.64 , N/A) (N/A , 0.00 , N/A)	98.4	N/A	4.3768 [4.0000]	109.4% { 100.0% }			
D7_NMeFOSE_EIS	(623.0 / 58.9) 918902	(10.56 , N/A) (N/A , 0.00 , N/A)	920.6	N/A	24.1786 [20.0000]	120.9% { 100.0% }			
D9_NEtFOSE_EIS	(639.0 / 58.9) 476212	(10.66 , N/A) (N/A , 0.00 , N/A)	1139.7	N/A	27.1732 [20.0000]	135.9% { 100.0% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 1822079	(6.40 , N/A) (N/A , 0.00 , N/A)	601.4	N/A	7.7094 [8.0000]	96.4% { 100.0% }			

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2253011b
Standard ID:b	22L04480	Sequence:b	SB04003b

Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB04003-CCV2b	PFBAb	20.0b	20.4b	102b	ng/mLb	+/- 30.00%b
	PFPEAb	10.0b	10.1b	101b	ng/mLb	+/- 30.00%b
	PFHXAb	5.00b	5.15b	103b	ng/mLb	+/- 30.00%b
	PFHPAb	5.00b	4.97b	99.4b	ng/mLb	+/- 30.00%b
	PFOAb	5.00b	5.03b	101b	ng/mLb	+/- 30.00%b
	PFNAb	5.00b	4.73b	94.6b	ng/mLb	+/- 30.00%b
	PFDAb	5.00b	4.95b	99.0b	ng/mLb	+/- 30.00%b
	PFUnAb	5.00b	4.36b	87.2b	ng/mLb	+/- 30.00%b
	PFDOAb	5.00b	5.40b	108b	ng/mLb	+/- 30.00%b
	PFTRDAb	5.00b	5.76b	115b	ng/mLb	+/- 30.00%b
	PFTEDAb	5.00b	5.68b	114b	ng/mLb	+/- 30.00%b
	PFBSb	4.42b	4.48b	101b	ng/mLb	+/- 30.00%b
	PFPESb	4.70b	5.10b	108b	ng/mLb	+/- 30.00%b
	PFHXSb	4.58b	4.78b	104b	ng/mLb	+/- 30.00%b
	PFHPSb	4.78b	3.98b	83.2b	ng/mLb	+/- 30.00%b
	PFOSb	4.65b	4.60b	98.9b	ng/mLb	+/- 30.00%b
	PFNSb	4.80b	4.93b	103b	ng/mLb	+/- 30.00%b
	PFDSb	4.82b	5.29b	110b	ng/mLb	+/- 30.00%b
	4:2FTSb	18.8b	19.7b	105b	ng/mLb	+/- 30.00%b
	6:2FTSb	19.0b	18.8b	98.8b	ng/mLb	+/- 30.00%b
	8:2FTSb	19.2b	20.9b	109b	ng/mLb	+/- 30.00%b
	PFOSAb	5.00b	5.05b	101b	ng/mLb	+/- 30.00%b
	NMeFOSAb	20.0b	20.0b	99.8b	ng/mLb	+/- 30.00%b
	NEtFOSAb	20.0b	22.8b	114b	ng/mLb	+/- 30.00%b
	NMeFOSAAb	5.00b	4.92b	98.4b	ng/mLb	+/- 30.00%b
	NEtFOSAAb	5.00b	4.18b	83.6b	ng/mLb	+/- 30.00%b
	NMeFOSEb	20.0b	20.4b	102b	ng/mLb	+/- 30.00%b
	NEtFOSEb	20.0b	21.2b	106b	ng/mLb	+/- 30.00%b
	HFPO-DAb	10.0b	9.70b	97.0b	ng/mLb	+/- 30.00%b
	ADONAb	9.45b	10.1b	107b	ng/mLb	+/- 30.00%b

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2253011b
Standard ID:b	22L04480	Sequence:b	SB04003b

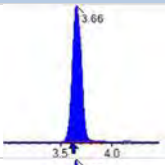
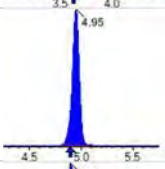
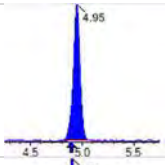
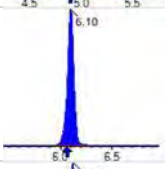
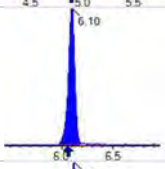
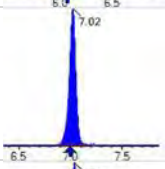
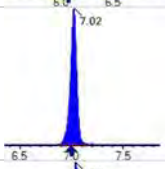
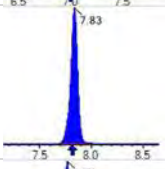
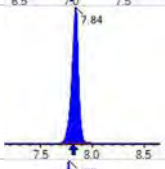
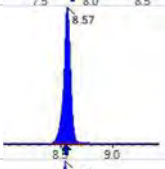
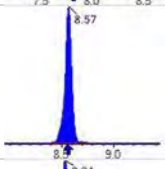
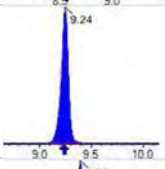
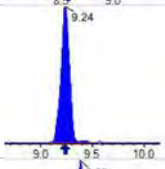
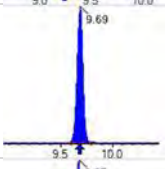
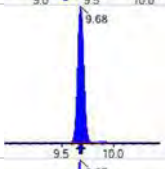
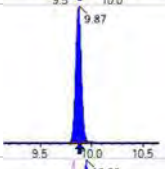
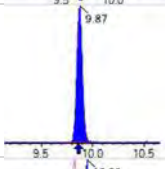
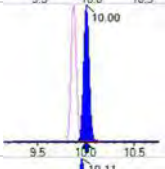
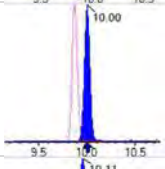
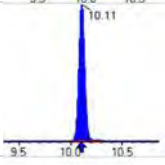
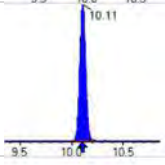
Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB04003-CCV2b	9CL-PF3ONSb	9.35b	9.13b	97.7b	ng/mLb	+/- 30.00%b
	11CL-PF3OUDSb	9.45b	10.4b	110b	ng/mLb	+/- 30.00%b

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (33)
Acquired: 2022/12/30 - 10:54

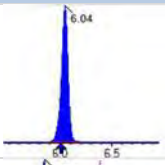
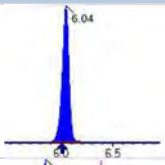
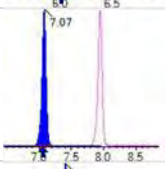
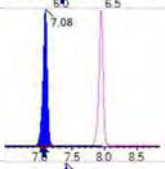
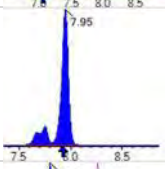
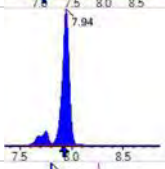
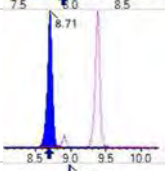
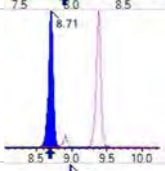
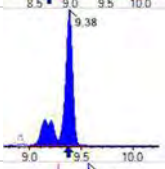
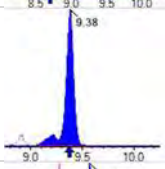
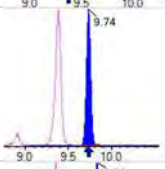
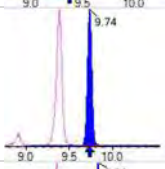
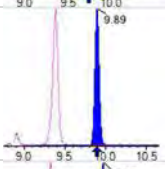
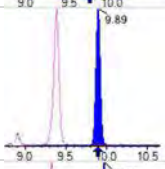
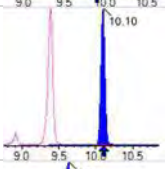
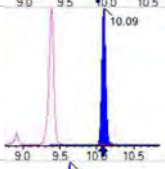
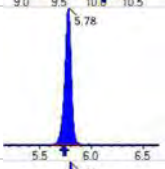
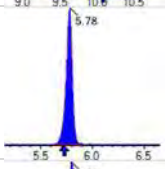
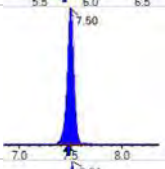
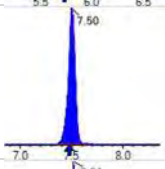
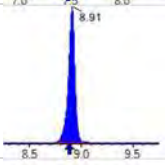
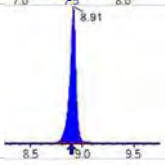
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(213.0 / 169.0) 3845543	(3.66 , 1.00) (0.00 , N/A , 0.0)	495.8	N/A 0.0 0.0	20.3905 [20.0000]	102.0%			
PFPeA	(263.0 / 219.0) 2697660 (263.0 / 69.0) 29498	(4.95 , 1.00) (0.00 , N/A , 0.1)	561.8 269.5	0.0109 105.8 94.6	10.0523 [10.0000]	100.5%			
PFHxA	(313.0 / 269.0) 1995629 (313.0 / 119.0) 173425	(6.10 , 1.00) (0.00 , N/A , 0.0)	548.9 390.9	0.0869 89.3 95.9	5.1450 [5.0000]	102.9%			
PFHpA	(363.0 / 319.0) 1816030 (363.0 / 169.0) 534312	(7.02 , 1.00) (0.00 , N/A , 0.0)	571.6 665.8	0.2942 102.8 107.7	4.9682 [5.0000]	99.4%			
PFOA	(413.0 / 369.0) 1841150 (413.0 / 169.0) 574999	(7.83 , 1.00) (0.00 , N/A , -0.1)	568.9 625.5	0.3123 102.9 102.3	5.0260 [5.0000]	100.5%			
PFNA	(463.0 / 419.0) 1347972 (463.0 / 169.0) 294807	(8.57 , 1.00) (0.00 , N/A , -0.1)	508.0 387.3	0.2187 103.3 102.4	4.7309 [5.0000]	94.6%			
PFDA	(513.0 / 469.0) 1876456 (513.0 / 169.0) 176171	(9.24 , 1.00) (0.00 , N/A , 0.5)	534.5 220.0	0.0939 101.8 98.5	4.9476 [5.0000]	99.0%			
PFUnA	(563.0 / 519.0) 2359299 (563.0 / 169.0) 233771	(9.69 , 1.00) (0.00 , N/A , 0.2)	724.3 493.1	0.0991 128.8 103.1	4.3598 [5.0000]	87.2%			
PFDoA	(613.0 / 569.0) 2594841 (613.0 / 169.0) 351793	(9.87 , 1.00) (0.00 , N/A , -0.1)	742.1 536.9	0.1356 100.6 106.0	5.3997 [5.0000]	108.0%			
PFTrDA	(663.0 / 619.0) 2414155 (663.0 / 169.0) 468389	(10.00 , 1.01) (N/A , 0.00 , 0.1)	1161.5 492.9	0.1940 89.1 106.3	5.7575 [5.0000]	115.1%			
PFTeDA	(713.0 / 669.0) 1783527 (713.0 / 169.0) 310045	(10.11 , 1.00) (0.00 , N/A , 0.0)	424.7 421.6	0.1738 88.1 73.0	5.6818 [5.0000]	113.6%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (33)
Acquired: 2022/12/30 - 10:54

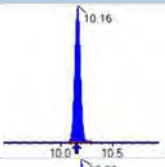
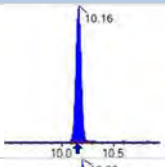
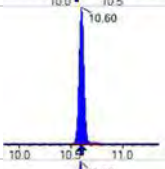
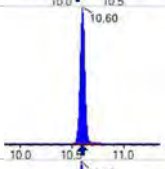
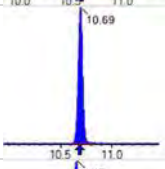
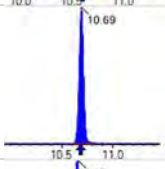
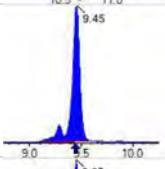
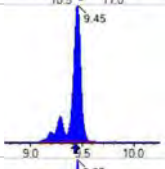
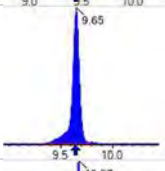
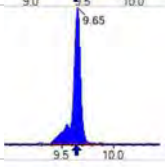
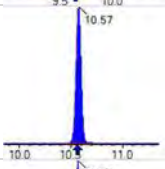
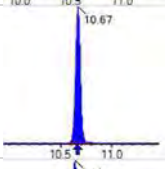
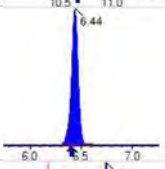
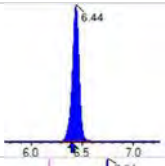
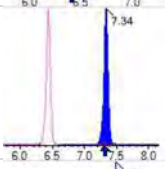
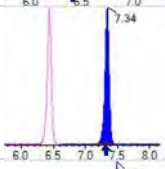
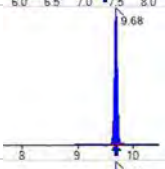
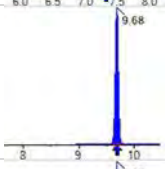
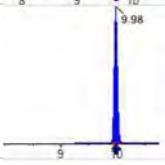
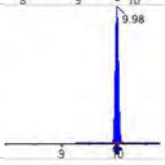
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(299.0 / 80.0) 2706022 (299.0 / 99.0) 1711436	(6.04 , 1.00) (0.00 , N/A , 0.1)	658.5 539.1	0.6325 96.2 98.6	4.4778 [4.4237]	101.2%			
PFPeS	(349.0 / 80.0) 4791298 (349.0 / 99.0) 1701714	(7.07 , 0.89) (N/A , 0.03 , -0.2)	699.6 779.3	0.3552 95.8 100.1	5.0964 [4.6919]	108.6%			
PFHxS	(399.0 / 80.0) 3957131 (399.0 / 99.0) 1277946	(7.95 , 1.00) (0.00 , N/A , 0.2)	792.4 697.6	0.3229 99.1 100.8	4.7789 [4.5549]	104.9%			
PFHpS	(449.0 / 80.0) 3076394 (449.0 / 99.0) 937015	(8.71 , 0.93) (N/A , 0.01 , 0.0)	620.2 634.6	0.3046 116.9 107.7	3.9754 [4.7570]	83.6%			
PFOS	(499.0 / 80.0) 4095705 (499.0 / 99.0) 894162	(9.38 , 1.00) (0.00 , N/A , 0.2)	294.9 677.0	0.2183 104.9 95.7	4.5986 [4.6375]	99.2%			
PFNS	(549.0 / 80.0) 4976148 (549.0 / 99.0) 1126316	(9.74 , 1.04) (N/A , 0.00 , -0.1)	678.8 619.4	0.2263 95.1 97.8	4.9289 [4.7994]	102.7%			
PFDS	(599.0 / 80.0) 6452856 (599.0 / 99.0) 1434719	(9.89 , 1.05) (N/A , 0.00 , -0.1)	1135.4 767.8	0.2223 84.5 117.4	5.2861 [4.8155]	109.8%			
PFDoS	(699.0 / 80.0) 3113505 (699.0 / 99.0) 631038	(10.10 , 1.08) (N/A , 0.00 , 0.2)	1633.4 588.1	0.2027 103.4 112.2	5.4161 [4.8478]	111.7%			
4:2FTS	(327.0 / 307.0) 8349871 (327.0 / 81.0) 4584472	(5.78 , 1.00) (0.00 , N/A , -0.1)	678.9 588.5	0.5490 76.7 88.0	19.7377 [18.6906]	105.6%			
6:2FTS	(427.0 / 407.0) 4688006 (427.0 / 81.0) 3663275	(7.50 , 1.00) (-0.01 , N/A , -0.3)	793.2 642.5	0.7814 105.7 112.4	18.7778 [18.9808]	98.9%			
8:2FTS	(527.0 / 507.0) 4992597 (527.0 / 81.0) 3262240	(8.91 , 1.00) (0.00 , N/A , -0.3)	485.3 631.1	0.6534 106.8 87.0	20.9006 [19.1658]	109.1%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (33)
Acquired: 2022/12/30 - 10:54

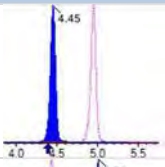
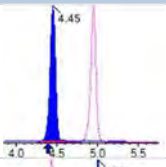
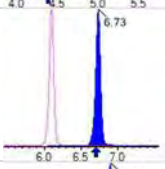
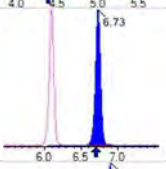
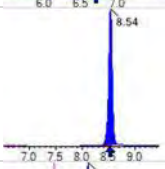
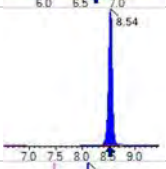
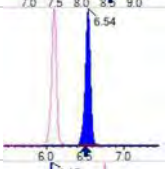
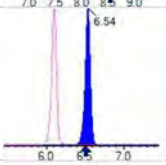
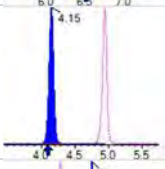
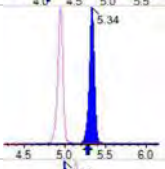
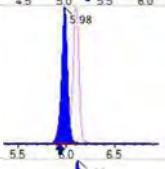
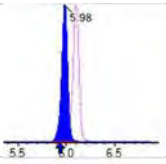
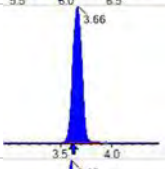
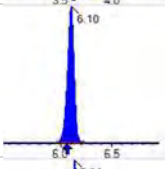
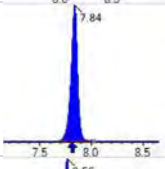
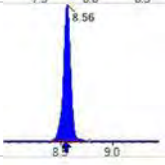
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 5110006 (498.0 / 478.0) 124463	(10.16 , 1.00) (0.00 , N/A , 0.1)	1065.6 395.0	0.0244 116.7 118.1	5.0452 [5.0000]	100.9%			
NMeFOSA	(512.0 / 219.0) 3515894 (512.0 / 169.0) 2586487	(10.60 , 1.00) (0.00 , N/A , 0.0)	1186.6 1348.8	0.7357 106.3 110.0	19.9542 [20.0000]	99.8%			
NEtFOSA	(526.0 / 219.0) 3797402 (526.0 / 169.0) 3851503	(10.69 , 1.00) (0.00 , N/A , 0.1)	1378.3 1289.7	1.0142 102.2 94.0	22.7845 [20.0000]	113.9%			
NMeFOSAA	(570.0 / 419.0) 1098967 (570.0 / 483.0) 575045	(9.45 , 1.00) (0.00 , N/A , 0.1)	330.9 381.6	0.5233 94.0 99.1	4.9192 [5.0000]	98.4%			
NEtFOSAA	(584.0 / 419.0) 953693 (584.0 / 526.0) 596456	(9.65 , 1.00) (0.00 , N/A , -0.2)	733.9 516.0	0.6254 105.4 94.9	4.1818 [5.0000]	83.6%			
NMeFOSE	(616.0 / 59.0) 982912	(10.57 , 1.00) (0.01 , N/A , 0.0)	1234.2	N/A 0.0 0.0	20.3762 [20.0000]	101.9%			
NEtFOSE	(630.0 / 59.0) 242439	(10.67 , 1.00) (0.01 , N/A , 0.0)	1048.7	N/A 0.0 0.0	21.2196 [20.0000]	106.1%			
HFPO-DA	(285.0 / 169.0) 1462865 (285.0 / 185.0) 4111674	(6.44 , 1.00) (0.00 , N/A , 0.0)	577.3 617.2	2.8107 109.6 113.2	9.7001 [10.0000]	97.0%			
ADONA	(377.0 / 85.0) 6076073 (377.0 / 251.0) 737034	(7.34 , 1.14) (N/A , 0.02 , 0.0)	775.2 650.0	0.1213 98.6 112.9	10.1103 [9.4270]	107.2%			
9Cl-Pf3ONS	(531.0 / 351.0) 14989143 (533.0 / 353.0) 4970611	(9.68 , 1.50) (N/A , 0.01 , 0.0)	699.7 597.4	0.3316 105.0 111.3	9.1320 [9.3325]	97.9%			
11Cl-PF3OUDS	(631.0 / 451.0) 9619371 (633.0 / 453.0) 3306854	(9.98 , 1.55) (N/A , 0.00 , -0.1)	1405.5 1101.7	0.3438 111.0 108.1	10.3548 [9.4321]	109.8%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (33)
Acquired: 2022/12/30 - 10:54

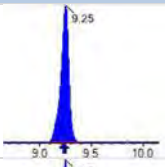
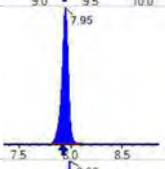
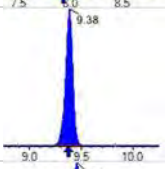
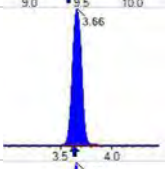
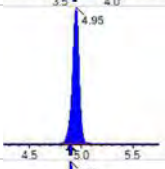
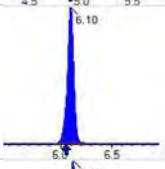
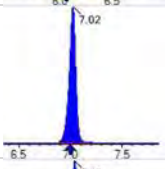
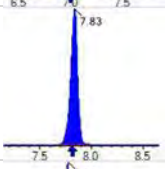
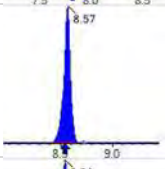
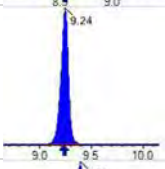
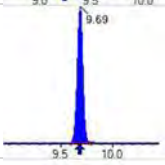
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 176871 (241.0 / 117.0) 238318	(4.45 , 0.90) (N/A , 0.06 , 0.2)	640.4 392.5	1.3474 102.4 102.1	19.1750 [20.0000]	95.9%			
5:3FTCA	(341.0 / 236.7) 1212110 (341.0 / 217.0) 1931951	(6.73 , 1.10) (N/A , 0.03 , 0.1)	509.3 576.2	1.5939 88.8 102.9	20.4169 [20.0000]	102.1%			
7:3FTCA	(441.0 / 317.0) 1481070 (441.0 / 337.0) 1208291	(8.54 , 1.40) (N/A , 0.02 , 0.0)	493.6 463.3	0.8158 98.9 96.4	19.1510 [20.0000]	95.8%			
PFEESA	(315.0 / 135.0) 3358761 (315.0 / 83.0) 965577	(6.54 , 1.07) (N/A , 0.03 , 0.1)	787.5 708.7	0.2875 94.3 103.0	9.4314 [8.9246]	105.7%			
PFMPA	(229.0 / 85.0) 762947	(4.15 , 0.84) (N/A , 0.05 , 0.0)	965.3	N/A 0.0 0.0	9.7346 [10.0000]	97.3%			
PFMBA	(279.0 / 85.0) 2443279	(5.34 , 1.08) (N/A , 0.06 , 0.0)	710.7	N/A 0.0 0.0	10.9318 [10.0000]	109.3%			
NFDHA	(295.0 / 201.0) 1927090 (295.0 / 85.0) 1694461	(5.98 , 0.98) (N/A , 0.05 , -0.1)	657.7 749.4	0.8793 102.4 95.8	10.1221 [10.0000]	101.2%			
13C3_PFBA_IIS	(216.0 / 172.0) 204854	(3.66 , N/A) (N/A , 0.04 , N/A)	517.7	N/A	0.9513 [1.0000]	95.1% { 86.9% }			
13C2_PFHxA_IIS	(315.0 / 270.0) 378250	(6.10 , N/A) (N/A , 0.04 , N/A)	594.8	N/A	0.9964 [1.0000]	99.6% { 91.6% }			
13C4_PFOA_IIS	(417.0 / 372.0) 350237	(7.84 , N/A) (N/A , 0.02 , N/A)	435.4	N/A	0.9703 [1.0000]	97.0% { 89.1% }			
13C5_PFNA_IIS	(468.0 / 423.0) 258373	(8.56 , N/A) (N/A , 0.01 , N/A)	380.1	N/A	0.8786 [1.0000]	87.9% { 80.6% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (33)
Acquired: 2022/12/30 - 10:54

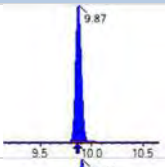
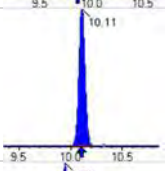
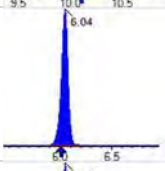
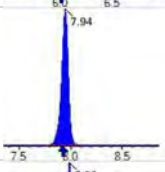
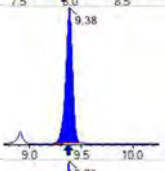
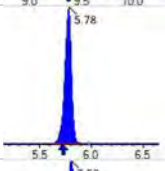
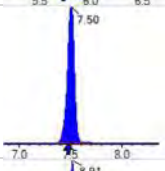
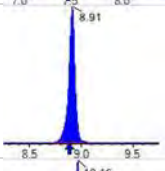
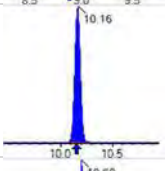
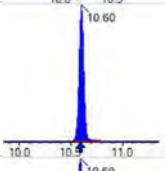
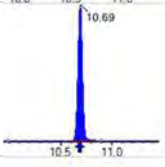
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.0 / 470.1) 346247	(9.25 , N/A) (N/A , 0.02 , N/A)	534.6	N/A	1.0164 [1.0000]	101.6% { 98.3% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 602548	(7.95 , N/A) (N/A , 0.02 , N/A)	652.4	N/A	0.9958 [1.0000]	99.6% { 95.7% }			
13C4_PFOS_IIS	(503.0 / 79.9) 555660	(9.38 , N/A) (N/A , 0.01 , N/A)	373.7	N/A	0.8617 [1.0000]	86.2% { 85.0% }			
13C4_PFBA_EIS	(217.0 / 172.0) 1614810	(3.66 , N/A) (N/A , 0.04 , N/A)	685.6	N/A	7.8515 [8.0000]	98.1% { 86.8% }			
13C5_PFPeA_EIS	(268.0 / 223.0) 1130500	(4.95 , N/A) (N/A , 0.06 , N/A)	568.0	N/A	3.9616 [4.0000]	99.0% { 86.7% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 781743	(6.10 , N/A) (N/A , 0.05 , N/A)	590.1	N/A	2.0197 [2.0000]	101.0% { 96.4% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 697656	(7.02 , N/A) (N/A , 0.03 , N/A)	511.7	N/A	2.0748 [2.0000]	103.7% { 93.5% }			
13C8_PFOA_EIS	(421.0 / 376.0) 687749	(7.83 , N/A) (N/A , 0.02 , N/A)	694.1	N/A	1.9192 [2.0000]	96.0% { 87.0% }			
13C9_PFNA_EIS	(472.0 / 427.0) 295220	(8.57 , N/A) (N/A , 0.02 , N/A)	482.0	N/A	1.0997 [1.0000]	110.0% { 89.9% }			
13C6_PFDA_EIS	(519.0 / 474.0) 382455	(9.24 , N/A) (N/A , 0.02 , N/A)	586.1	N/A	0.9145 [1.0000]	91.4% { 86.2% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 592969	(9.69 , N/A) (N/A , 0.01 , N/A)	580.5	N/A	1.1528 [1.0000]	115.3% { 123.3% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (33)
Acquired: 2022/12/30 - 10:54

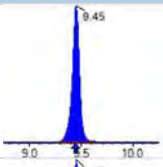
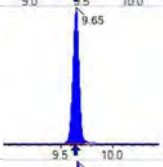
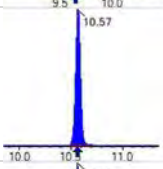
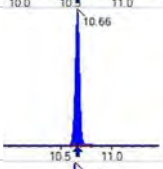
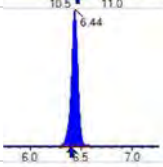
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 501437	(9.87 , N/A) (N/A , 0.00 , N/A)	507.8	N/A	0.9769 [1.0000]	97.7% { 87.2% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 310313	(10.11 , N/A) (N/A , 0.00 , N/A)	3802.8	N/A	0.9541 [1.0000]	95.4% { 76.2% }			
13C3_PFBS_EIS	(302.0 / 80.0) 1894550	(6.04 , N/A) (N/A , 0.05 , N/A)	541.6	N/A	2.0775 [2.0000]	103.9% { 93.2% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 956130	(7.94 , N/A) (N/A , 0.02 , N/A)	853.3	N/A	1.9363 [2.0000]	96.8% { 96.1% }			
13C8_PFOS_EIS	(507.0 / 80.0) 1529721	(9.38 , N/A) (N/A , 0.01 , N/A)	174.6	N/A	2.2844 [2.0000]	114.2% { 101.5% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 497634	(5.78 , N/A) (N/A , 0.05 , N/A)	577.5	N/A	4.8301 [4.0000]	120.8% { 95.8% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 621995	(7.50 , N/A) (N/A , 0.03 , N/A)	584.2	N/A	4.5628 [4.0000]	114.1% { 87.6% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 612548	(8.91 , N/A) (N/A , 0.02 , N/A)	332.6	N/A	3.5647 [4.0000]	89.1% { 100.1% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 1746723	(10.16 , N/A) (N/A , 0.01 , N/A)	1061.8	N/A	2.2349 [2.0000]	111.7% { 85.3% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 362770	(10.60 , N/A) (N/A , 0.01 , N/A)	1044.4	N/A	2.4545 [2.0000]	122.7% { 91.3% }			
D5_NEtFOSA_EIS	(531.0 / 169.0) 336054	(10.69 , N/A) (N/A , 0.01 , N/A)	627.7	N/A	2.4824 [2.0000]	124.1% { 91.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (33)
Acquired: 2022/12/30 - 10:54

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 984748	(9.45 , N/A) (N/A , 0.01 , N/A)	311.1	N/A	4.6739 [4.0000]	116.8% { 98.7% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 925382	(9.65 , N/A) (N/A , 0.01 , N/A)	132.6	N/A	5.5241 [4.0000]	138.1% { 107.2% }			
D7_NMeFOSE_EIS	(623.0 / 58.9) 790196	(10.57 , N/A) (N/A , 0.01 , N/A)	900.6	N/A	24.4713 [20.0000]	122.4% { 86.0% }			
D9_NEtFOSE_EIS	(639.0 / 58.9) 420754	(10.66 , N/A) (N/A , 0.01 , N/A)	1510.5	N/A	28.2572 [20.0000]	141.3% { 88.4% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 1738038	(6.44 , N/A) (N/A , 0.04 , N/A)	617.3	N/A	8.0267 [8.0000]	100.3% { 95.4% }			

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2253011b
Standard ID:b	22L04480	Sequence:b	SB04003b

Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB04003-CCV3b	PFBAb	20.0b	20.3b	102b	ng/mLb	+/- 30.00%b
	PFPEAb	10.0b	10.6b	106b	ng/mLb	+/- 30.00%b
	PFHXAb	5.00b	4.91b	98.2b	ng/mLb	+/- 30.00%b
	PFHPAb	5.00b	4.96b	99.1b	ng/mLb	+/- 30.00%b
	PFOAb	5.00b	5.32b	106b	ng/mLb	+/- 30.00%b
	PFNAb	5.00b	4.87b	97.3b	ng/mLb	+/- 30.00%b
	PFDAb	5.00b	5.80b	116b	ng/mLb	+/- 30.00%b
	PFUnAb	5.00b	4.74b	94.9b	ng/mLb	+/- 30.00%b
	PFDOAb	5.00b	4.64b	92.8b	ng/mLb	+/- 30.00%b
	PFTRDAb	5.00b	5.04b	101b	ng/mLb	+/- 30.00%b
	PFTEDAb	5.00b	5.54b	111b	ng/mLb	+/- 30.00%b
	PFBSb	4.42b	4.64b	105b	ng/mLb	+/- 30.00%b
	PFPESb	4.70b	5.11b	109b	ng/mLb	+/- 30.00%b
	PFHXSb	4.58b	4.85b	106b	ng/mLb	+/- 30.00%b
	PFHPSb	4.78b	4.71b	98.6b	ng/mLb	+/- 30.00%b
	PFOSb	4.65b	5.00b	108b	ng/mLb	+/- 30.00%b
	PFNSb	4.80b	4.98b	104b	ng/mLb	+/- 30.00%b
	PFDSb	4.82b	5.13b	106b	ng/mLb	+/- 30.00%b
	4:2FTSb	18.8b	18.1b	96.5b	ng/mLb	+/- 30.00%b
	6:2FTSb	19.0b	22.9b	120b	ng/mLb	+/- 30.00%b
	8:2FTSb	19.2b	18.6b	97.0b	ng/mLb	+/- 30.00%b
	PFOSAb	5.00b	5.42b	108b	ng/mLb	+/- 30.00%b
	NMeFOSAb	20.0b	20.2b	101b	ng/mLb	+/- 30.00%b
	NEtFOSAb	20.0b	20.5b	102b	ng/mLb	+/- 30.00%b
	NMeFOSAAb	5.00b	5.43b	109b	ng/mLb	+/- 30.00%b
	NEtFOSAAb	5.00b	4.76b	95.1b	ng/mLb	+/- 30.00%b
	NMeFOSEb	20.0b	23.2b	116b	ng/mLb	+/- 30.00%b
	NEtFOSEb	20.0b	20.8b	104b	ng/mLb	+/- 30.00%b
	HFPO-DAb	10.0b	9.97b	99.7b	ng/mLb	+/- 30.00%b
	ADONAb	9.45b	9.74b	103b	ng/mLb	+/- 30.00%b

INITIAL AND CONTINUING CALIBRATION CHECKb

Table B-15b

Laboratory:b	APPL, LLC	Work Order:b	22L0005b
Client:b	Tidewater, Inc.b	Project:b	NASA JPLb
Instrument ID:b	Saphirab	Calibration:b	2253011b
Standard ID:b	22L04480	Sequence:b	SB04003b

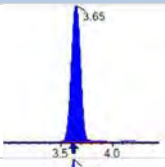
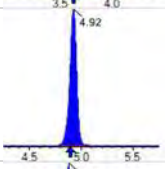
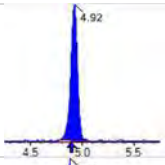
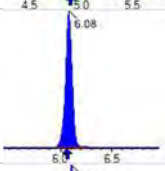
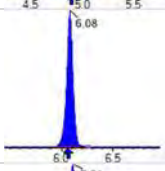
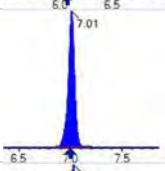
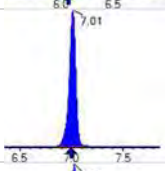
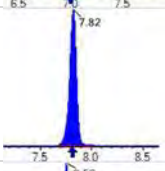
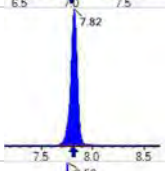
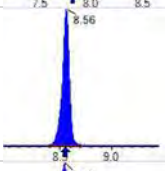
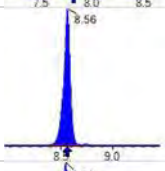
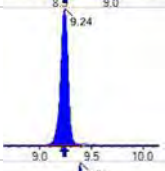
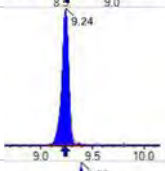
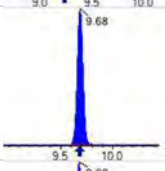
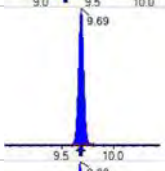
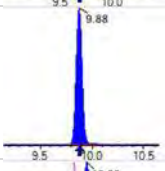
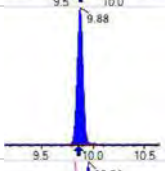
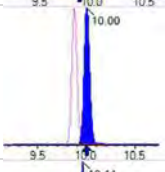
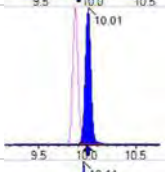
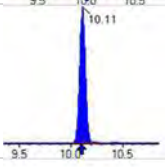
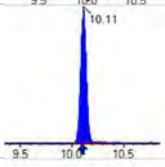
Lab Sample IDb	Analyteb	Trueb	Foundb	%Rb	Unitsb	Control Limitb
SB04003-CCV3b	9CL-PF3ONSb	9.35b	9.25b	98.9b	ng/mLb	+/- 30.00%b
	11CL-PF3OUDSb	9.45b	10.3b	109b	ng/mLb	+/- 30.00%b

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (55)
Acquired: 2022/12/30 - 15:38

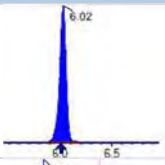
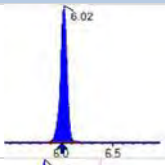
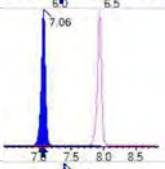
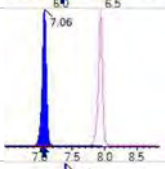
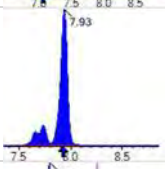
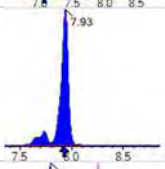
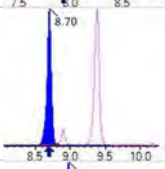
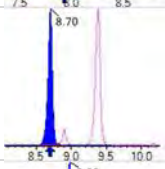
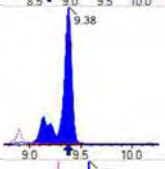
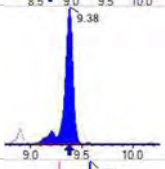
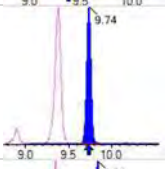
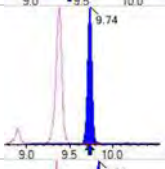
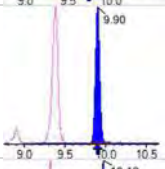
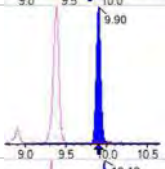
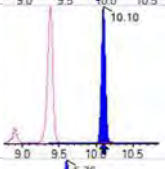
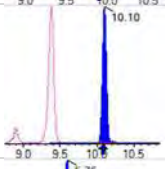
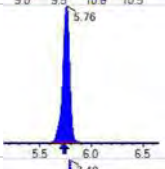
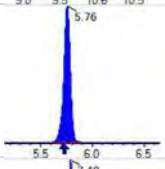
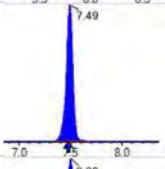
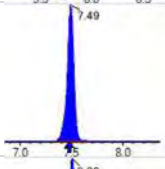
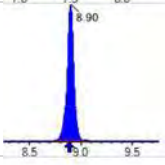
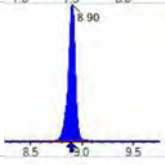
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(213.0 / 169.0) 3988837	(3.65 , 1.00) (0.00 , N/A , 0.0)	537.1	N/A 0.0 0.0	20.3357 [20.0000]	101.7%			
PFPeA	(263.0 / 219.0) 3112435 (263.0 / 69.0) 33865	(4.92 , 1.00) (0.00 , N/A , 0.1)	574.3 320.0	0.0109 105.3 94.1	10.5715 [10.0000]	105.7%			
PFHxA	(313.0 / 269.0) 2108085 (313.0 / 119.0) 191354	(6.08 , 1.00) (0.00 , N/A , 0.0)	540.0 525.1	0.0908 93.3 100.2	4.9119 [5.0000]	98.2%			
PFHpA	(363.0 / 319.0) 1956023 (363.0 / 169.0) 544150	(7.01 , 1.00) (0.00 , N/A , -0.1)	499.8 491.1	0.2782 97.2 101.9	4.9560 [5.0000]	99.1%			
PFOA	(413.0 / 369.0) 2121085 (413.0 / 169.0) 679013	(7.82 , 1.00) (0.00 , N/A , 0.0)	689.0 633.5	0.3201 105.4 104.8	5.3206 [5.0000]	106.4%			
PFNA	(463.0 / 419.0) 1507854 (463.0 / 169.0) 339644	(8.56 , 1.00) (0.00 , N/A , -0.1)	499.7 496.7	0.2252 106.4 105.5	4.8656 [5.0000]	97.3%			
PFDA	(513.0 / 469.0) 2290697 (513.0 / 169.0) 239461	(9.24 , 1.00) (0.00 , N/A , 0.0)	410.9 328.2	0.1045 113.4 109.7	5.8044 [5.0000]	116.1%			
PFUnA	(563.0 / 519.0) 2567786 (563.0 / 169.0) 260338	(9.68 , 1.00) (0.00 , N/A , -0.1)	382.9 550.6	0.1014 131.8 105.5	4.7443 [5.0000]	94.9%			
PFDoA	(613.0 / 569.0) 2529059 (613.0 / 169.0) 366797	(9.88 , 1.00) (0.00 , N/A , 0.0)	762.8 420.0	0.1450 107.7 113.3	4.6402 [5.0000]	92.8%			
PFTrDA	(663.0 / 619.0) 2397447 (663.0 / 169.0) 518727	(10.00 , 1.01) (N/A , 0.01 , -0.2)	678.3 545.4	0.2164 99.3 118.5	5.0412 [5.0000]	100.8%			
PFTeDA	(713.0 / 669.0) 2015212 (713.0 / 169.0) 469460	(10.11 , 1.00) (0.00 , N/A , 0.0)	910.4 459.9	0.2330 118.1 97.9	5.5443 [5.0000]	110.9%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (55)
Acquired: 2022/12/30 - 15:38

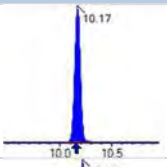
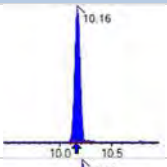
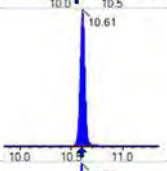
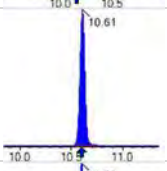
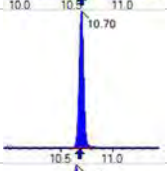
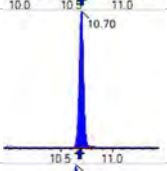
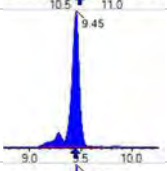
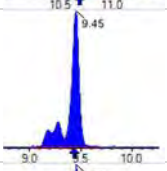
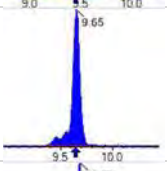
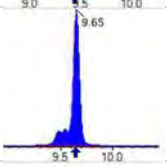
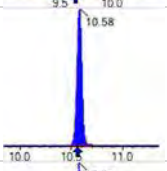
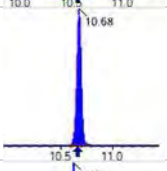
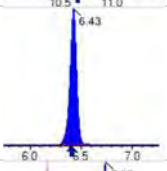
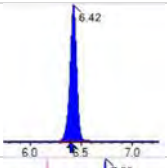
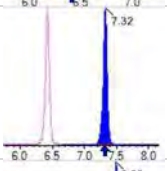
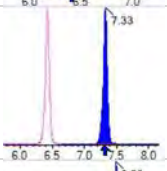
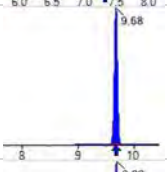
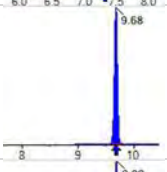
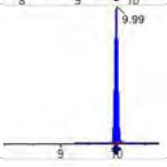
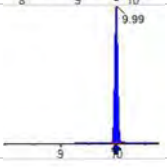
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(299.0 / 80.0) 2905032 (299.0 / 99.0) 1865694	(6.02 , 1.00) (0.00 , N/A , 0.1)	746.4 636.4	0.6422 97.7 100.2	4.6352 [4.4237]	104.8%			
PFPeS	(349.0 / 80.0) 5023944 (349.0 / 99.0) 1765805	(7.06 , 0.89) (N/A , 0.02 , 0.1)	664.2 656.1	0.3515 94.8 99.1	5.1064 [4.6919]	108.8%			
PFHxS	(399.0 / 80.0) 4199616 (399.0 / 99.0) 1388684	(7.93 , 1.00) (0.00 , N/A , 0.0)	697.4 790.5	0.3307 101.4 103.2	4.8464 [4.5549]	106.4%			
PFHpS	(449.0 / 80.0) 3664649 (449.0 / 99.0) 1050402	(8.70 , 0.93) (N/A , 0.00 , -0.1)	504.9 550.2	0.2866 110.0 101.3	4.7145 [4.7570]	99.1%			
PFOS	(499.0 / 80.0) 4477004 (499.0 / 99.0) 925755	(9.38 , 1.00) (0.00 , N/A , -0.1)	328.5 614.6	0.2068 99.4 90.6	5.0043 [4.6375]	107.9%			
PFNS	(549.0 / 80.0) 5050956 (549.0 / 99.0) 1247347	(9.74 , 1.04) (N/A , 0.01 , 0.0)	660.3 797.2	0.2470 103.7 106.7	4.9807 [4.7994]	103.8%			
PFDS	(599.0 / 80.0) 6293017 (599.0 / 99.0) 1323726	(9.90 , 1.06) (N/A , 0.01 , 0.1)	824.4 902.5	0.2103 80.0 111.1	5.1322 [4.8155]	106.6%			
PFDoS	(699.0 / 80.0) 3218715 (699.0 / 99.0) 745515	(10.10 , 1.08) (N/A , 0.01 , 0.0)	1351.9 936.2	0.2316 118.1 128.2	5.5742 [4.8478]	115.0%			
4:2FTS	(327.0 / 307.0) 8345845 (327.0 / 81.0) 5665140	(5.76 , 1.00) (0.00 , N/A , 0.2)	716.9 747.4	0.6788 94.8 108.8	18.1382 [18.6906]	97.0%			
6:2FTS	(427.0 / 407.0) 5684936 (427.0 / 81.0) 4022334	(7.49 , 1.00) (0.00 , N/A , 0.0)	944.1 696.1	0.7075 95.7 101.7	22.8740 [18.9808]	120.5%			
8:2FTS	(527.0 / 507.0) 5042571 (527.0 / 81.0) 3844786	(8.90 , 1.00) (0.00 , N/A , -0.3)	454.6 548.0	0.7625 124.6 101.5	18.6257 [19.1658]	97.2%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (55)
Acquired: 2022/12/30 - 15:38

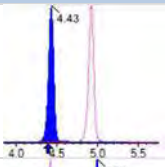
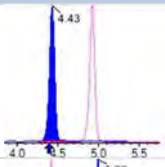
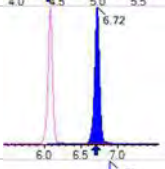
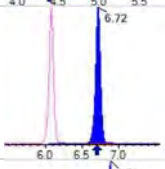
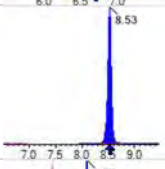
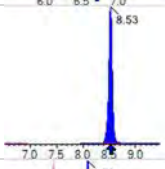
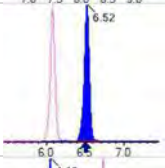
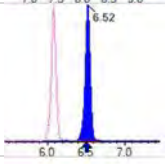
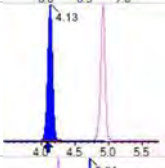
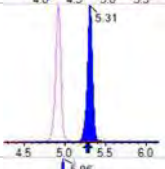
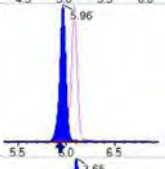
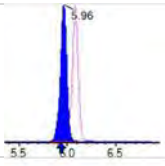
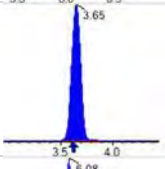
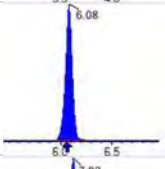
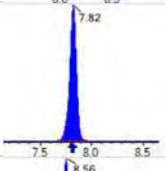
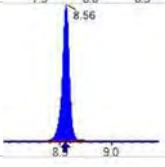
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 5830591 (498.0 / 478.0) 108612	(10.17 , 1.00) (0.00 , N/A , 0.1)	1123.6 664.8	0.0186 89.2 90.3	5.4201 [5.0000]	108.4%			
NMeFOSA	(512.0 / 219.0) 3708943 (512.0 / 169.0) 2666286	(10.61 , 1.00) (0.00 , N/A , 0.1)	1468.9 1071.5	0.7189 103.9 107.5	20.2365 [20.0000]	101.2%			
NEtFOSA	(526.0 / 219.0) 3411338 (526.0 / 169.0) 3893703	(10.70 , 1.00) (0.00 , N/A , 0.0)	1181.1 1311.7	1.1414 115.0 105.8	20.4635 [20.0000]	102.3%			
NMeFOSAA	(570.0 / 419.0) 1209663 (570.0 / 483.0) 593674	(9.45 , 1.00) (0.00 , N/A , 0.1)	443.4 341.7	0.4908 88.2 92.9	5.4250 [5.0000]	108.5%			
NEtFOSAA	(584.0 / 419.0) 1035585 (584.0 / 526.0) 660160	(9.65 , 1.00) (0.01 , N/A , 0.0)	609.8 502.3	0.6375 107.5 96.8	4.7563 [5.0000]	95.1%			
NMeFOSE	(616.0 / 59.0) 1225766	(10.58 , 1.00) (0.01 , N/A , 0.0)	993.9	N/A 0.0 0.0	23.2239 [20.0000]	116.1%			
NEtFOSE	(630.0 / 59.0) 250559	(10.68 , 1.00) (0.01 , N/A , 0.0)	1146.0	N/A 0.0 0.0	20.8178 [20.0000]	104.1%			
HFPO-DA	(285.0 / 169.0) 1583397 (285.0 / 185.0) 4242564	(6.43 , 1.00) (0.00 , N/A , 0.0)	791.4 654.4	2.6794 104.5 107.9	9.9661 [10.0000]	99.7%			
ADONA	(377.0 / 85.0) 6165518 (377.0 / 251.0) 682118	(7.32 , 1.14) (N/A , 0.01 , -0.1)	690.9 510.4	0.1106 89.9 102.9	9.7381 [9.4270]	103.3%			
9Cl-Pf3ONS	(531.0 / 351.0) 15991250 (533.0 / 353.0) 5133458	(9.68 , 1.51) (N/A , 0.01 , 0.0)	709.9 640.6	0.3210 101.6 107.7	9.2478 [9.3325]	99.1%			
11Cl-PF3OUDS	(631.0 / 451.0) 10098608 (633.0 / 453.0) 3131628	(9.99 , 1.55) (N/A , 0.01 , 0.1)	627.2 967.6	0.3101 100.1 97.5	10.3186 [9.4321]	109.4%			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (55)
Acquired: 2022/12/30 - 15:38

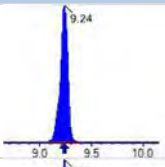
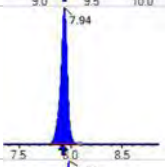
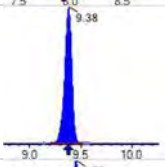
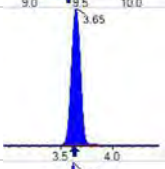
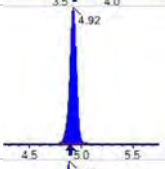
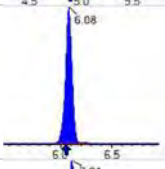
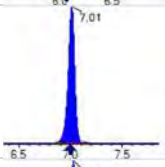
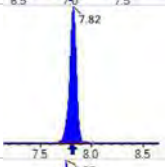
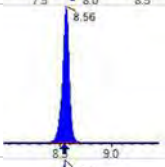
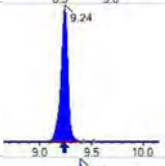
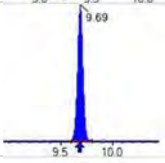
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) 190960 (241.0 / 117.0) 248007	(4.43 , 0.90) (N/A , 0.03 , 0.1)	495.6 372.9	1.2987 98.7 98.4	18.8705 [20.0000]	94.4%			
5:3FTCA	(341.0 / 236.7) 1230382 (341.0 / 217.0) 2001843	(6.72 , 1.10) (N/A , 0.02 , 0.1)	511.6 588.2	1.6270 90.7 105.0	18.7300 [20.0000]	93.6%			
7:3FTCA	(441.0 / 317.0) 1436112 (441.0 / 337.0) 1241135	(8.53 , 1.40) (N/A , 0.01 , 0.1)	442.1 480.0	0.8642 104.8 102.1	16.7825 [20.0000]	83.9%			
PFEESA	(315.0 / 135.0) 3421584 (315.0 / 83.0) 1027324	(6.52 , 1.07) (N/A , 0.02 , 0.1)	709.0 843.1	0.3002 98.4 107.6	8.6831 [8.9246]	97.3%			
PFMPA	(229.0 / 85.0) 767468	(4.13 , 0.84) (N/A , 0.03 , 0.0)	879.5	N/A 0.0 0.0	8.9257 [10.0000]	89.3%			
PFMBA	(279.0 / 85.0) 2403823	(5.31 , 1.08) (N/A , 0.03 , 0.0)	664.9	N/A 0.0 0.0	9.8035 [10.0000]	98.0%			
NFDHA	(295.0 / 201.0) 1980442 (295.0 / 85.0) 1748989	(5.96 , 0.98) (N/A , 0.03 , 0.1)	589.8 598.9	0.8831 102.8 96.2	9.4012 [10.0000]	94.0%			
13C3_PFBA_IIS	(216.0 / 172.0) 215760	(3.65 , N/A) (N/A , 0.03 , N/A)	676.3	N/A	1.0019 [1.0000]	100.2% { 91.5% }			
13C2_PFHxA_IIS	(315.0 / 270.0) 399925	(6.08 , N/A) (N/A , 0.02 , N/A)	517.7	N/A	1.0535 [1.0000]	105.4% { 96.9% }			
13C4_PFOA_IIS	(417.0 / 372.0) 384826	(7.82 , N/A) (N/A , 0.01 , N/A)	556.4	N/A	1.0661 [1.0000]	106.6% { 97.9% }			
13C5_PFNA_IIS	(468.0 / 423.0) 340675	(8.56 , N/A) (N/A , 0.01 , N/A)	462.2	N/A	1.1585 [1.0000]	115.9% { 106.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (55)
Acquired: 2022/12/30 - 15:38

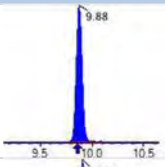
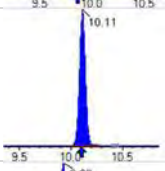
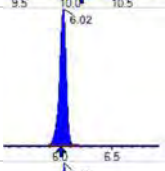
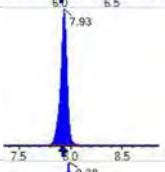
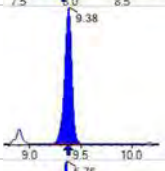
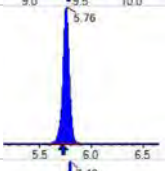
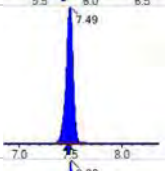
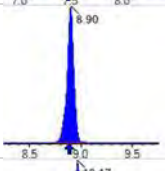
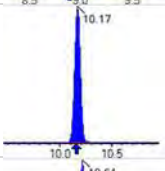
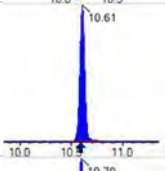
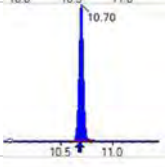
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.0 / 470.1) 372160	(9.24 , N/A) (N/A , 0.01 , N/A)	407.3	N/A	1.0925 [1.0000]	109.3% { 105.6% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 612764	(7.94 , N/A) (N/A , 0.01 , N/A)	550.4	N/A	1.0127 [1.0000]	101.3% { 97.3% }			
13C4_PFOS_IIS	(503.0 / 79.9) 621922	(9.38 , N/A) (N/A , 0.01 , N/A)	380.9	N/A	0.9645 [1.0000]	96.5% { 95.1% }			
13C4_PFBA_EIS	(217.0 / 172.0) 1679499	(3.65 , N/A) (N/A , 0.03 , N/A)	704.0	N/A	7.7533 [8.0000]	96.9% { 90.2% }			
13C5_PFPeA_EIS	(268.0 / 223.0) 1240255	(4.92 , N/A) (N/A , 0.03 , N/A)	643.7	N/A	4.1106 [4.0000]	102.8% { 95.1% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 864995	(6.08 , N/A) (N/A , 0.03 , N/A)	488.4	N/A	2.1136 [2.0000]	105.7% { 106.7% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 753283	(7.01 , N/A) (N/A , 0.02 , N/A)	539.4	N/A	2.1188 [2.0000]	105.9% { 101.0% }			
13C8_PFOA_EIS	(421.0 / 376.0) 748459	(7.82 , N/A) (N/A , 0.01 , N/A)	697.3	N/A	1.9009 [2.0000]	95.0% { 94.6% }			
13C9_PFNA_EIS	(472.0 / 427.0) 321093	(8.56 , N/A) (N/A , 0.01 , N/A)	523.0	N/A	0.9071 [1.0000]	90.7% { 97.8% }			
13C6_PFDA_EIS	(519.0 / 474.0) 397970	(9.24 , N/A) (N/A , 0.01 , N/A)	439.1	N/A	0.8853 [1.0000]	88.5% { 89.7% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 593067	(9.69 , N/A) (N/A , 0.01 , N/A)	635.7	N/A	1.0728 [1.0000]	107.3% { 123.3% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (55)
Acquired: 2022/12/30 - 15:38

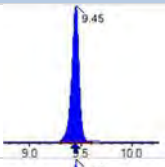
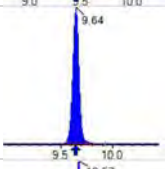
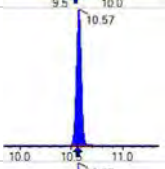
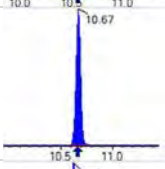
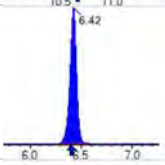
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 568716	(9.88 , N/A) (N/A , 0.01 , N/A)	422.3	N/A	1.0309 [1.0000]	103.1% { 98.9% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 359317	(10.11 , N/A) (N/A , 0.01 , N/A)	2310.2	N/A	1.0279 [1.0000]	102.8% { 88.2% }			
13C3_PFBS_EIS	(302.0 / 80.0) 1964832	(6.02 , N/A) (N/A , 0.03 , N/A)	641.2	N/A	2.1187 [2.0000]	105.9% { 96.7% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 1000584	(7.93 , N/A) (N/A , 0.01 , N/A)	853.1	N/A	1.9926 [2.0000]	99.6% { 100.5% }			
13C8_PFOS_EIS	(507.0 / 80.0) 1536565	(9.38 , N/A) (N/A , 0.00 , N/A)	135.7	N/A	2.0502 [2.0000]	102.5% { 102.0% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 541256	(5.76 , N/A) (N/A , 0.03 , N/A)	778.8	N/A	5.1659 [4.0000]	129.1% { 104.2% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 619195	(7.49 , N/A) (N/A , 0.02 , N/A)	609.5	N/A	4.4665 [4.0000]	111.7% { 87.2% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 694243	(8.90 , N/A) (N/A , 0.01 , N/A)	474.1	N/A	3.9728 [4.0000]	99.3% { 113.4% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 1855192	(10.17 , N/A) (N/A , 0.01 , N/A)	753.5	N/A	2.1208 [2.0000]	106.0% { 90.6% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 377350	(10.61 , N/A) (N/A , 0.01 , N/A)	835.1	N/A	2.2811 [2.0000]	114.1% { 94.9% }			
D5_NEtFOSA_EIS	(531.0 / 169.0) 336130	(10.70 , N/A) (N/A , 0.01 , N/A)	631.1	N/A	2.2184 [2.0000]	110.9% { 91.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: HGH
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB04003-CCV3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-27.dam

Quant Method: 1633 - S2022-12-29A
Path: S2022-12-30A (55)
Acquired: 2022/12/30 - 15:38

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 982875	(9.45 , N/A) (N/A , 0.01 , N/A)	313.2	N/A	4.1680 [4.0000]	104.2% { 98.6% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 883463	(9.64 , N/A) (N/A , 0.01 , N/A)	146.6	N/A	4.7120 [4.0000]	117.8% { 102.4% }			
D7_NMeFOSE_EIS	(623.0 / 58.9) 864600	(10.57 , N/A) (N/A , 0.01 , N/A)	1286.7	N/A	23.9227 [20.0000]	119.6% { 94.1% }			
D9_NEtFOSE_EIS	(639.0 / 58.9) 443321	(10.67 , N/A) (N/A , 0.01 , N/A)	1468.3	N/A	26.6006 [20.0000]	133.0% { 93.1% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 1831030	(6.42 , N/A) (N/A , 0.02 , N/A)	760.3	N/A	7.9979 [8.0000]	100.0% { 100.5% }			

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03724L
Calibration:N 2250016L

SDG:N
Project:N NASA JPL
Instrument:N Saphira

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03724-ICB1 0	PFBA0	.0	ng/mL	.40	U
	PFPEA0	.0	ng/mL	.20	U
	PFHXA0	.0	ng/mL	.10	U
	PFHPA0	.0	ng/mL	.10	U
	PFOA0	.0	ng/mL	.10	U
	PFNA0	.0	ng/mL	.10	U
	PFDA0	.0	ng/mL	.10	U
	PFUnA0	.0	ng/mL	.10	U
	PFDOA0	.0	ng/mL	.10	U
	PFTRDA0	.0	ng/mL	.10	U
	PFTEDA0	.02790	ng/mL	.10	U
	PFBS0	.0	ng/mL	.10	U
	PFPES0	.0	ng/mL	.10	U
	PFHXS0	.0	ng/mL	.10	U
	PFHPS0	.0	ng/mL	.10	U
	PFOS0	.0	ng/mL	.10	U
	PFNS0	.0	ng/mL	.10	U
	PFDS0	.0	ng/mL	.10	U
	4:2FTS0	.0	ng/mL	.40	U
	6:2FTS0	.0	ng/mL	.40	U
	8:2FTS0	.0	ng/mL	.40	U
	PFOSA0	.01350	ng/mL	.40	U
	NMeFOSA0	.0	ng/mL	.40	U
	NEtFOSA0	.0	ng/mL	.40	U
	NMeFOSAA0	.0	ng/mL	.10	U
	NEtFOSAA0	.01510	ng/mL	.10	U
	NMeFOSE0	.08240	ng/mL	.40	U
	NEtFOSE0	.09470	ng/mL	.40	U
	HFPO-DA0	.0	ng/mL	.20	U
	ADONA0	.0	ng/mL	.20	U
	9CL-PF3ONS0	.0	ng/mL	.20	U
	11CL-PF3OUDS0	.0	ng/mL	.20	U
	13C4-PFBA0	8.470	ng/mL		

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03724L
Calibration:N 2250016L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

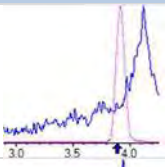
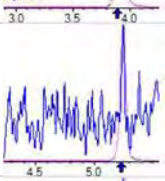
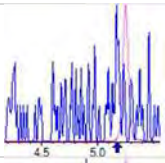
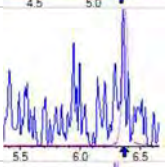
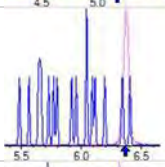
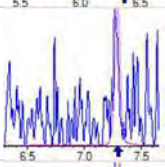
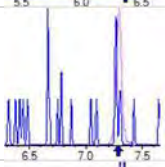
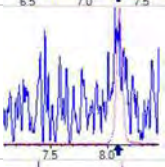
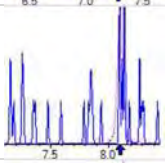
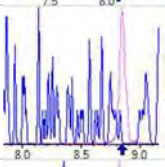
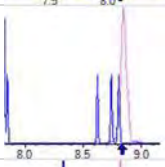
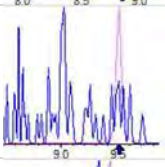
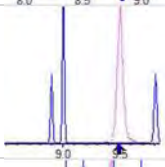
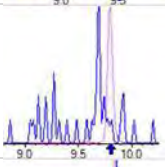
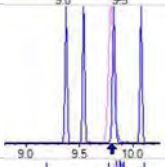
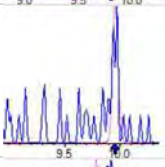
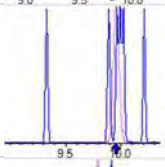
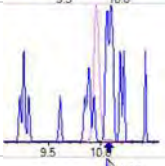
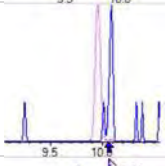
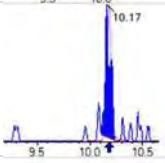
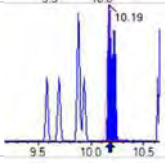
Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03724-ICB10	13C5-PFPEA0	4.230	ng/mL		
	13C5-PFHXA0	2.090	ng/mL		
	13C4-PFHPA0	2.050	ng/mL		
	13C8-PFOA0	2.210	ng/mL		
	13C9-PFNA0	1.060	ng/mL		
	13C6-PFDA	0.960	ng/mL		
	13C7-PFUnA0	1.20	ng/mL		
	13C2-PFDOA0	1.170	ng/mL		
	13C2-PFTEDA0	1.050	ng/mL		
	13C3-PFBS0	2.070	ng/mL		
	13C3-PFHXS0	2.050	ng/mL		
	13C8-PFOS0	2.040	ng/mL		
	13C2-4:2FTS0	3.950	ng/mL		
	13C2-6:2FTS0	3.920	ng/mL		
	13C2-8:2FTS0	4.350	ng/mL		
	13C8-PFOSA0	2.040	ng/mL		
	D3-NMEFOSA0	2.040	ng/mL		
	D5-NETFOSA0	2.180	ng/mL		
	D3-NMEFOSAA0	4.110	ng/mL		
	D5-NETFOSAA0	3.790	ng/mL		
	D7-NMEFOSE0	21.80	ng/mL		
	D9-NETFOSE0	21.30	ng/mL		
	13C3-HFPO-DA0	8.780	ng/mL		

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03724-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - 2022-12-07
Path: S2022-12-07A21.wiff- 0
Acquired: 2022/12/07 - 15:53

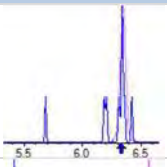
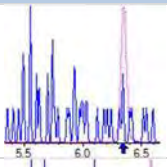
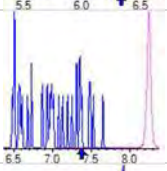
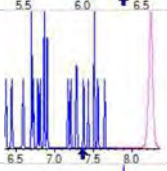
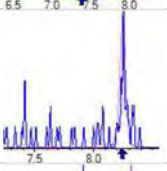
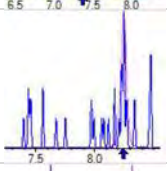
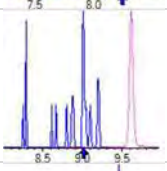
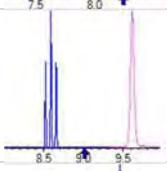
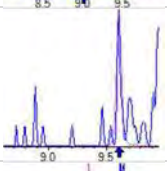
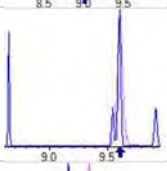
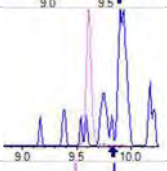
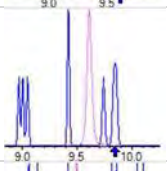
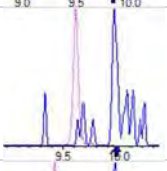
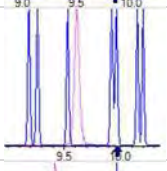
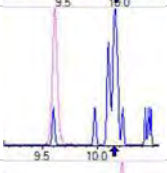
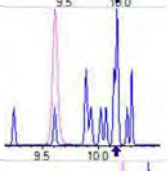
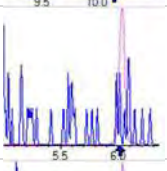
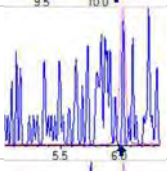
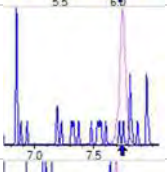
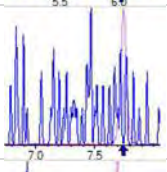
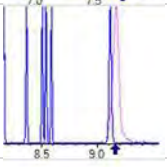
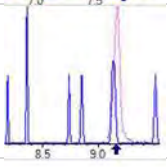
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) N/A (413.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) N/A (563.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) 3867 (713.0 / 169.0) 1009	(10.17 , 1.00) (-0.01 , N/A , -1.6)	38.3 25.7	0.2610 132.6 132.6	0.0279	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03724-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - 2022-12-07
Path: S2022-12-07A21.wiff- 0
Acquired: 2022/12/07 - 15:53

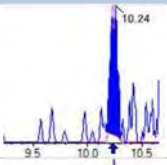
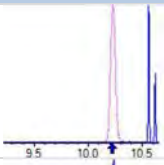
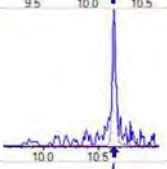
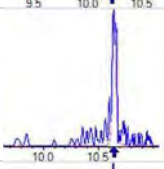
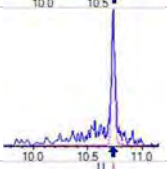
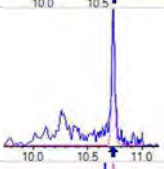
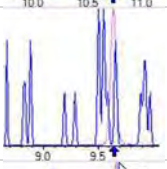
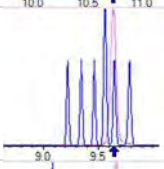
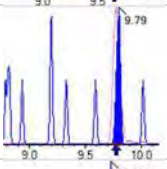
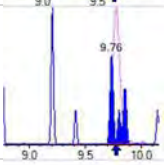
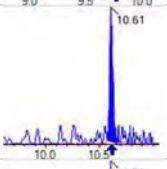
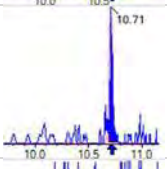
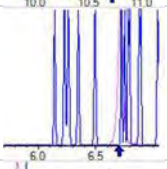
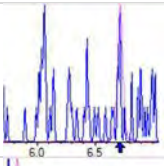
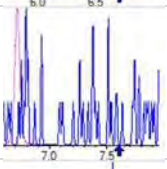
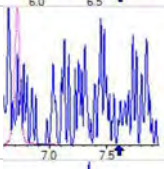
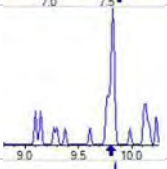
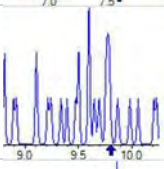
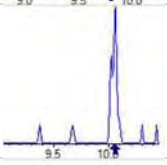
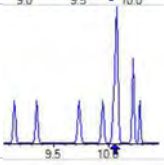
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) N/A (499.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03724-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - 2022-12-07
Path: S2022-12-07A21.wiff- 0
Acquired: 2022/12/07 - 15:53

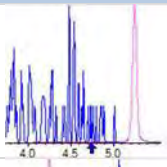
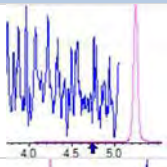
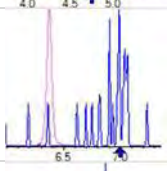
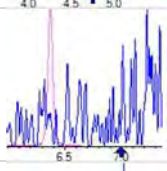
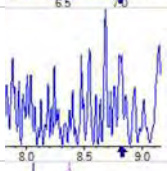
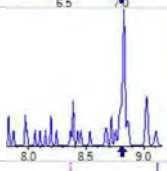
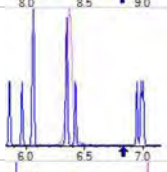
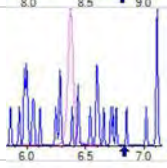
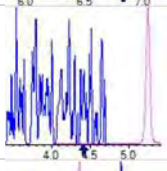
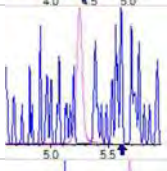
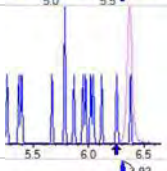
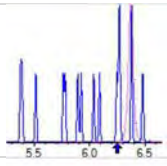
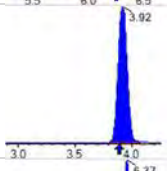
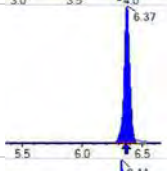
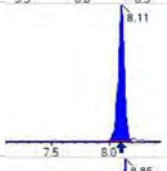
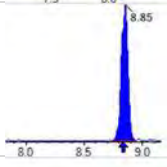
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 6522 (498.0 / 478.0) N/A	(10.24 , 1.00) (0.01 , N/A , #Value!)	18.2 N/A	N/A 0.0 0.0	0.0135	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) 700 (584.0 / 526.0) 1387	(9.79 , 1.00) (0.02 , N/A , 2.1)	540.2 465.8	1.9824 326.7 326.7	0.0151	N/A			IR2,
NMeFOSE	(616.1 / 59.0) 2715	(10.61 , 1.00) (0.00 , N/A , 0.0)	36.5	N/A 0.0 0.0	0.0824	N/A			
NEtFOSE	(630.0 / 59.0) 757	(10.71 , 1.00) (0.01 , N/A , 0.0)	42.9	N/A 0.0 0.0	0.0947	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03724-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - 2022-12-07
Path: S2022-12-07A21.wiff- 0
Acquired: 2022/12/07 - 15:53

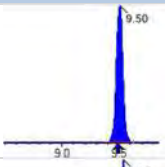
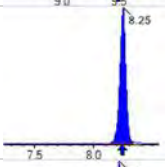
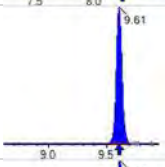
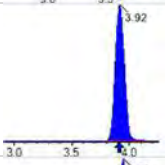
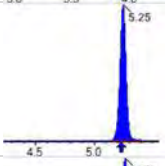
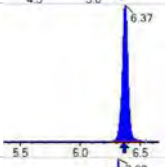
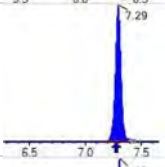
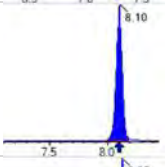
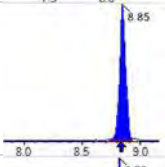
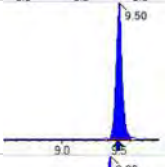
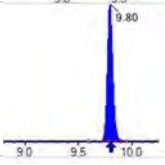
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 84862	(3.92 , N/A) (N/A , 0.02 , N/A)	1693.9	N/A	0.8828 [1.0000]	88.3% { 83.1% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 111696	(6.37 , N/A) (N/A , 0.01 , N/A)	1206.7	N/A	0.9045 [1.0000]	90.5% { 90.2% }			
13C4_PFOA_IIS	(417.0 / 372.0) 103375	(8.11 , N/A) (N/A , 0.01 , N/A)	961.8	N/A	0.8720 [1.0000]	87.2% { 91.8% }			
13C5_PFNA_IIS	(468.0 / 423.0) 81151	(8.85 , N/A) (N/A , 0.01 , N/A)	348.3	N/A	0.8521 [1.0000]	85.2% { 79.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03724-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - 2022-12-07
Path: S2022-12-07A21.wiff- 0
Acquired: 2022/12/07 - 15:53

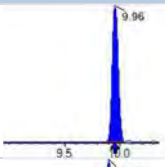
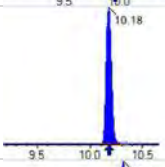
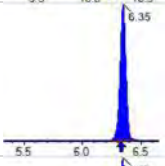
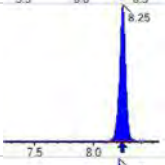
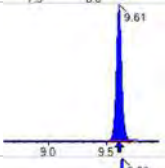
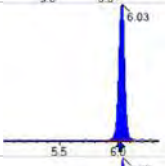
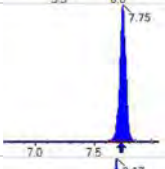
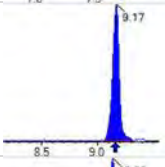
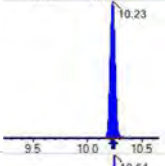
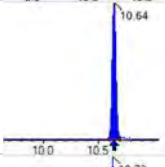
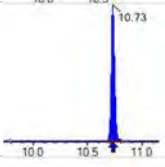
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 76991	(9.50 , N/A) (N/A , 0.01 , N/A)	147.4	N/A	0.9345 [1.0000]	93.5% { 87.0% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 199676	(8.25 , N/A) (N/A , 0.01 , N/A)	1476.2	N/A	0.9303 [1.0000]	93.0% { 90.3% }			
13C4_PFOS_IIS	(502.8 / 79.9) 182797	(9.61 , N/A) (N/A , 0.01 , N/A)	1064.1	N/A	0.9821 [1.0000]	98.2% { 90.1% }			
13C4_PFBA_EIS	(217.0 / 172.0) 674000	(3.92 , N/A) (N/A , 0.02 , N/A)	3124.5	N/A	8.4715 [8.0000]	105.9% { 86.0% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 344779	(5.25 , N/A) (N/A , 0.02 , N/A)	2487.2	N/A	4.2316 [4.0000]	105.8% { 92.7% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 238218	(6.37 , N/A) (N/A , 0.01 , N/A)	1572.8	N/A	2.0909 [2.0000]	104.5% { 89.8% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 210968	(7.29 , N/A) (N/A , 0.01 , N/A)	1142.9	N/A	2.0515 [2.0000]	102.6% { 93.0% }			
13C8_PFOA_EIS	(421.0 / 376.0) 232369	(8.10 , N/A) (N/A , 0.01 , N/A)	999.2	N/A	2.2100 [2.0000]	110.5% { 91.7% }			
13C9_PFNA_EIS	(472.0 / 427.0) 84497	(8.85 , N/A) (N/A , 0.01 , N/A)	575.1	N/A	1.0551 [1.0000]	105.5% { 92.0% }			
13C6_PFDA_EIS	(519.0 / 474.0) 107409	(9.50 , N/A) (N/A , 0.01 , N/A)	1896.7	N/A	0.9604 [1.0000]	96.0% { 87.1% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 179839	(9.80 , N/A) (N/A , 0.00 , N/A)	548.7	N/A	1.1980 [1.0000]	119.8% { 108.8% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03724-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - 2022-12-07
Path: S2022-12-07A21.wiff- 0
Acquired: 2022/12/07 - 15:53

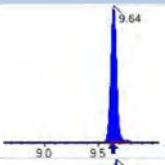
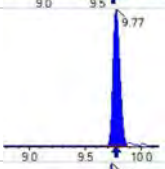
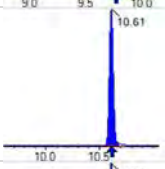
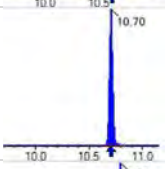
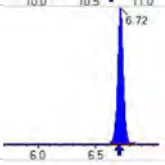
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 213076	(9.96 , N/A) (N/A , 0.00 , N/A)	668.9	N/A	1.1696 [1.0000]	117.0% { 92.5% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 140516	(10.18 , N/A) (N/A , 0.00 , N/A)	440.8	N/A	1.0507 [1.0000]	105.1% { 94.4% }			
13C3_PFBS_EIS	(302.0 / 80.0) 607740	(6.35 , N/A) (N/A , 0.01 , N/A)	2491.5	N/A	2.0710 [2.0000]	103.5% { 94.1% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 342458	(8.25 , N/A) (N/A , 0.01 , N/A)	1464.0	N/A	2.0501 [2.0000]	102.5% { 92.6% }			
13C8_PFOS_EIS	(507.0 / 80.0) 568776	(9.61 , N/A) (N/A , 0.01 , N/A)	1090.7	N/A	2.0411 [2.0000]	102.1% { 92.3% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 65432	(6.03 , N/A) (N/A , 0.01 , N/A)	693.0	N/A	3.9534 [4.0000]	98.8% { 90.5% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 87103	(7.75 , N/A) (N/A , 0.01 , N/A)	1132.8	N/A	3.9227 [4.0000]	98.1% { 91.8% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 83786	(9.17 , N/A) (N/A , 0.01 , N/A)	566.3	N/A	4.3473 [4.0000]	108.7% { 94.6% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 868881	(10.23 , N/A) (N/A , 0.01 , N/A)	1049.5	N/A	2.0425 [2.0000]	102.1% { 97.3% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 257174	(10.64 , N/A) (N/A , 0.00 , N/A)	945.5	N/A	2.0429 [2.0000]	102.1% { 98.9% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 248544	(10.73 , N/A) (N/A , 0.00 , N/A)	1775.5	N/A	2.1775 [2.0000]	108.9% { 102.5% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03724-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - 2022-12-07
Path: S2022-12-07A21.wiff- 0
Acquired: 2022/12/07 - 15:53

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 254775	(9.64 , N/A) (N/A , 0.01 , N/A)	1002.2	N/A	4.1095 [4.0000]	102.7% { 93.3% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 202193	(9.77 , N/A) (N/A , 0.00 , N/A)	642.4	N/A	3.7945 [4.0000]	94.9% { 87.6% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 468469	(10.61 , N/A) (N/A , 0.00 , N/A)	1898.9	N/A	21.7875 [20.0000]	108.9% { 102.9% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 233543	(10.70 , N/A) (N/A , 0.01 , N/A)	2868.6	N/A	21.3171 [20.0000]	106.6% { 98.3% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 659030	(6.72 , N/A) (N/A , 0.01 , N/A)	1491.7	N/A	8.7830 [8.0000]	109.8% { 98.1% }			

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03754L
Calibration:N 2250016L
SDG:N
Project:N NASA JPL
Instrument:N Saphira

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03754-CCB1 0	PFBA0	.0	ng/mL0	.50	U
	PFPEA0	.0	ng/mL0	.50	U
	PFHXA0	.0	ng/mL0	.50	U
	PFHPA0	.0	ng/mL0	.50	U
	PFOA0	.0	ng/mL0	.50	U
	PFNA0	.0	ng/mL0	.50	U
	PFDA0	.0	ng/mL0	.50	U
	PFUnA0	.0	ng/mL0	.50	U
	PFDOA0	.0	ng/mL0	.50	U
	PFTRDA0	.0	ng/mL0	.50	U
	PFTEDA0	.0	ng/mL0	.50	U
	PFBS0	.0	ng/mL0	.50	U
	PFPES0	.0	ng/mL0	.50	U
	PFHXS0	.0	ng/mL0	.50	U
	PFHPS0	.0	ng/mL0	.50	U
	PFOS0	.0	ng/mL0	.50	U
	PFNS0	.0	ng/mL0	.50	U
	PFDS0	.0	ng/mL0	.50	U
	4:2FTS0	.0	ng/mL0	.50	U
	6:2FTS0	.0	ng/mL0	.50	U
	8:2FTS0	.0	ng/mL0	.50	U
	PFOSA0	.0	ng/mL0	.50	U
	NMeFOSA0	.0	ng/mL0	.50	U
	NEtFOSA0	.0	ng/mL0	.50	U
	NMeFOSAA0	.0	ng/mL0	.50	U
	NEtFOSAA0	.0	ng/mL0	.50	U
	NMeFOSE0	.0	ng/mL0	.50	U
	NEtFOSE0	.0	ng/mL0	.50	U
	HFPO-DA0	.0	ng/mL0	.50	U
	ADONA0	.0	ng/mL0	.50	U
	9CL-PF3ONS0	.0	ng/mL0	.50	U
	11CL-PF3OUDS0	.0	ng/mL0	.50	U
	13C4-PFBA0	7.990	ng/mL0		

ANALYSIS SEQUENCE BLANKS

Laboratory: APPL, L CL
Client: Tidewater, Inc.
Sequence: SB03754
Calibration: 2250016
SDG:
Project: NASA JPL
Instrument: SaphiraL

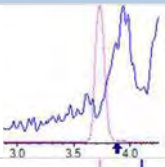
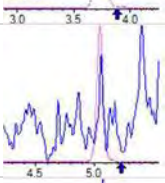
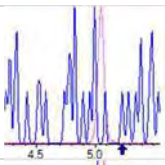
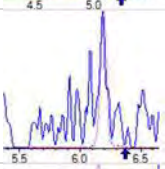
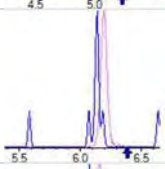
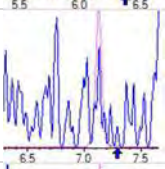
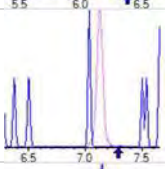
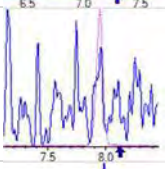
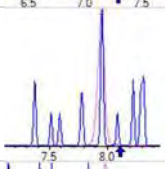
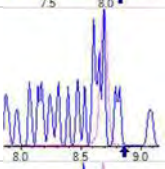
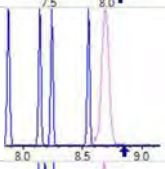
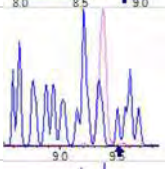
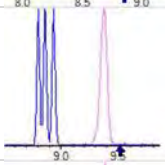
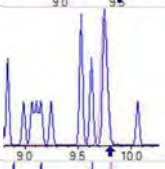
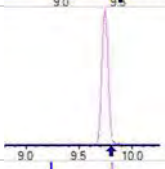
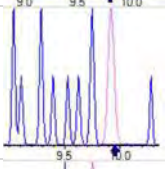
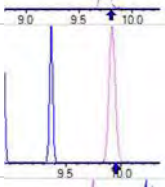
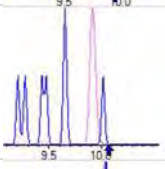
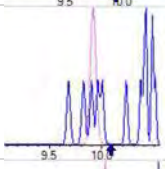
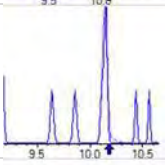
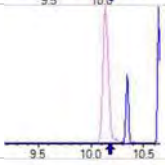
Lab Sample ID	Analyte	Found	Units	RL	C
SB03754-CCB10	13C5-PFPEA	3.430	ng/mL	0	
	13C5-PFHXA	2.110	ng/mL	0	
	13C4-PFHPA	2.10	ng/mL	0	
	13C8-PFOA	1.940	ng/mL	0	
	13C9-PFNA	0.9670	ng/mL	0	
	13C6-PFDA	1.0	ng/mL	0	
	13C7-PFUnA	0.9410	ng/mL	0	
	13C2-PFDOA	0.8680	ng/mL	0	
	13C2-PFTEDA	0.9070	ng/mL	0	
	13C3-PFBS	1.930	ng/mL	0	
	13C3-PFHXS	2.0	ng/mL	0	
	13C8-PFOS	1.960	ng/mL	0	
	13C2-4:2FTS	3.390	ng/mL	0	
	13C2-6:2FTS	4.080	ng/mL	0	
	13C2-8:2FTS	4.180	ng/mL	0	
	13C8-PFOSA	1.830	ng/mL	0	
	D3-NMEFOSA	1.380	ng/mL	0	
	D5-NETFOSA	1.550	ng/mL	0	
	D3-NMEFOSAA	4.310	ng/mL	0	
	D5-NETFOSAA	4.530	ng/mL	0	
	D7-NMEFOSE	16.40	ng/mL	0	
	D9-NETFOSE	16.60	ng/mL	0	
	13C3-HFPO-DA	8.270	ng/mL	0	

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (1)
Acquired: 2022/12/09 - 08:49

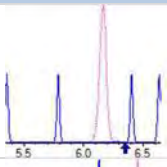
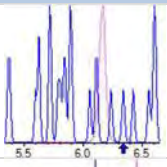
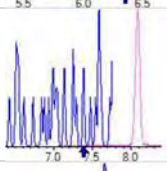
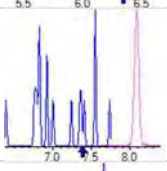
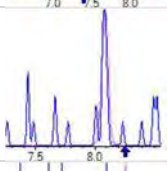
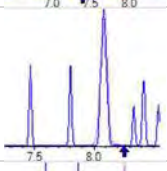
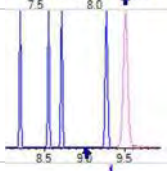
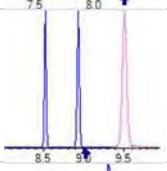
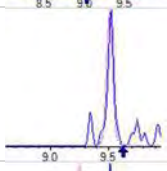
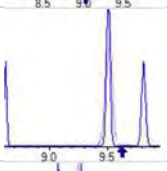
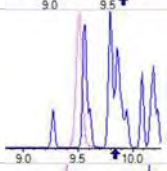
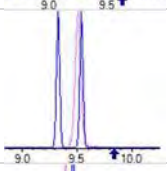
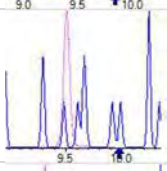
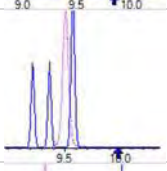
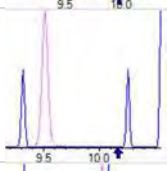
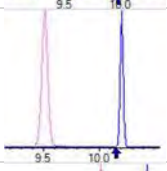
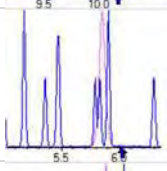
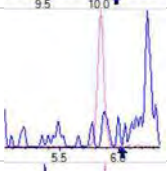
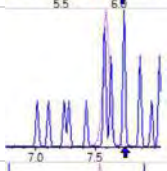
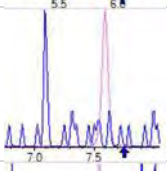
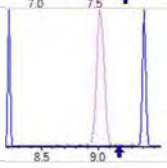
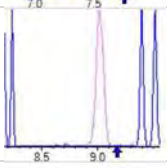
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) N/A (413.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) N/A (563.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) N/A (713.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (1)
Acquired: 2022/12/09 - 08:49

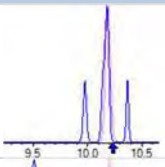
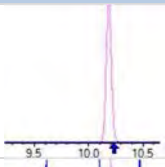
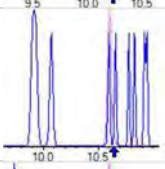
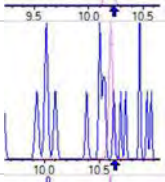
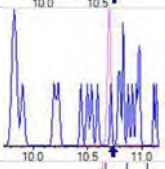
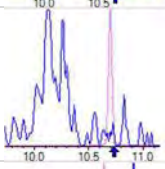
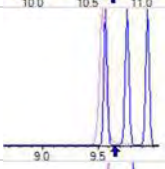
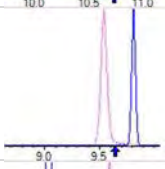
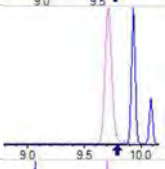
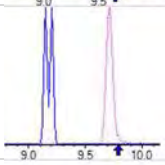
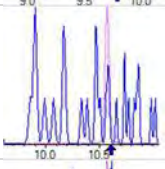
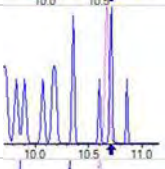
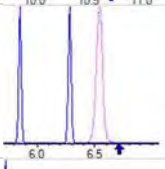
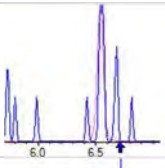
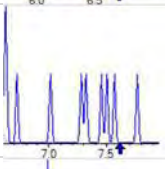
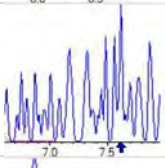
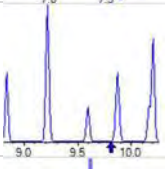
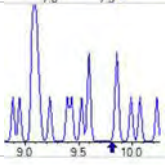
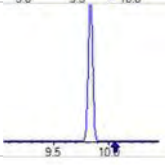
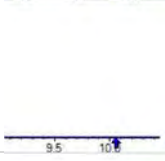
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) N/A (499.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (1)
Acquired: 2022/12/09 - 08:49

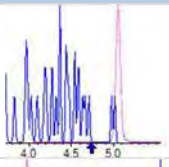
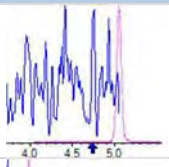
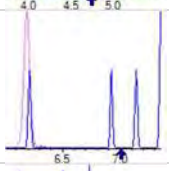
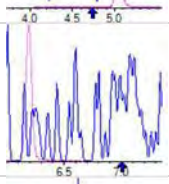
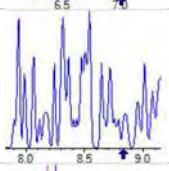
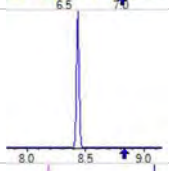
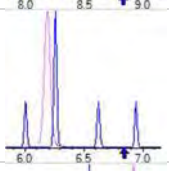
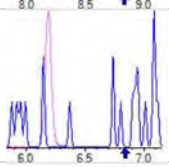
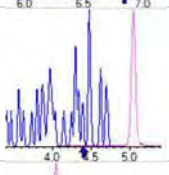
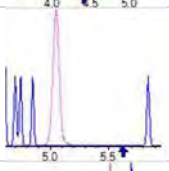
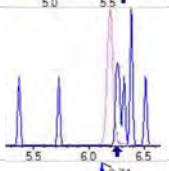
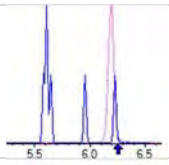
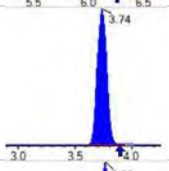
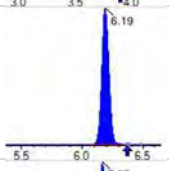
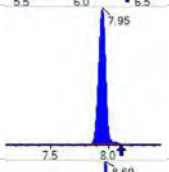
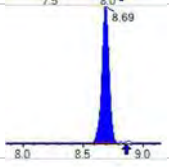
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) N/A (498.0 / 478.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) N/A (584.0 / 526.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSE	(616.1 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSE	(630.0 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (1)
Acquired: 2022/12/09 - 08:49

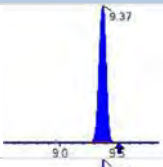
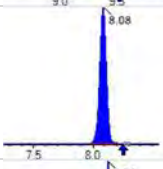
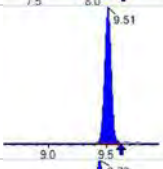
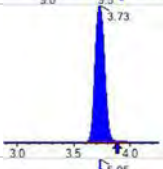
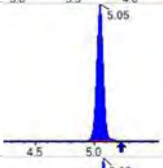
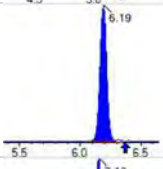
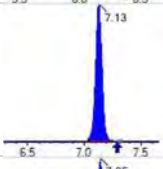
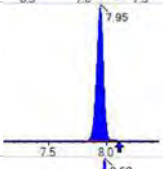
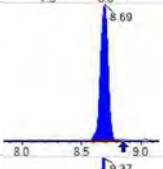
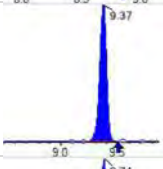
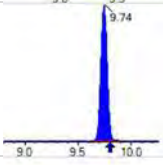
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 80180	(3.74 , N/A) (N/A , 0.00 , N/A)	796.4	N/A	0.8341 [1.0000]	83.4% { 100.2% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 120336	(6.19 , N/A) (N/A , -0.01 , N/A)	678.9	N/A	0.9745 [1.0000]	97.5% { 102.7% }			
13C4_PFOA_IIS	(417.0 / 372.0) 120824	(7.95 , N/A) (N/A , 0.00 , N/A)	831.2	N/A	1.0192 [1.0000]	101.9% { 110.1% }			
13C5_PFNA_IIS	(468.0 / 423.0) 108491	(8.69 , N/A) (N/A , 0.00 , N/A)	482.6	N/A	1.1391 [1.0000]	113.9% { 110.8% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (1)
Acquired: 2022/12/09 - 08:49

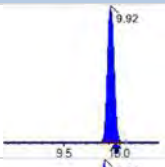
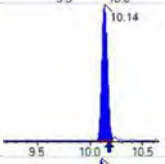
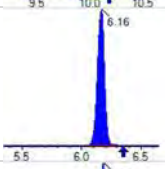
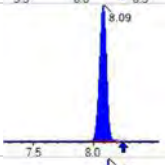
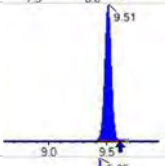
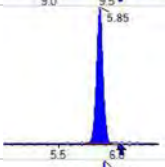
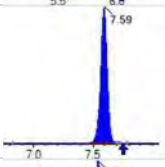
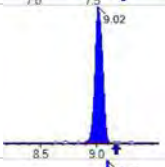
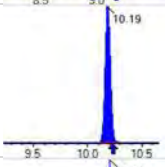
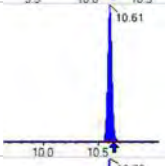
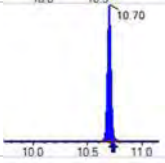
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 89246	(9.37 , N/A) (N/A , 0.00 , N/A)	2246.1	N/A	1.0833 [1.0000]	108.3% { 102.4% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 209514	(8.08 , N/A) (N/A , -0.01 , N/A)	749.9	N/A	0.9762 [1.0000]	97.6% { 93.9% }			
13C4_PFOS_IIS	(502.8 / 79.9) 199194	(9.51 , N/A) (N/A , 0.00 , N/A)	436.4	N/A	1.0702 [1.0000]	107.0% { 93.8% }			
13C4_PFBA_EIS	(217.0 / 172.0) 600986	(3.73 , N/A) (N/A , -0.01 , N/A)	798.9	N/A	7.9949 [8.0000]	99.9% { 100.2% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 301456	(5.05 , N/A) (N/A , -0.01 , N/A)	1000.9	N/A	3.4342 [4.0000]	85.9% { 89.2% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 258795	(6.19 , N/A) (N/A , -0.01 , N/A)	827.7	N/A	2.1084 [2.0000]	105.4% { 106.6% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 232324	(7.13 , N/A) (N/A , -0.01 , N/A)	747.3	N/A	2.0969 [2.0000]	104.8% { 99.6% }			
13C8_PFOA_EIS	(421.0 / 376.0) 237826	(7.95 , N/A) (N/A , 0.00 , N/A)	779.9	N/A	1.9352 [2.0000]	96.8% { 102.6% }			
13C9_PFNA_EIS	(472.0 / 427.0) 103536	(8.69 , N/A) (N/A , 0.00 , N/A)	322.6	N/A	0.9670 [1.0000]	96.7% { 111.1% }			
13C6_PFDA_EIS	(519.0 / 474.0) 130031	(9.37 , N/A) (N/A , 0.00 , N/A)	221.4	N/A	1.0031 [1.0000]	100.3% { 102.7% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 163795	(9.74 , N/A) (N/A , 0.00 , N/A)	468.9	N/A	0.9413 [1.0000]	94.1% { 91.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (1)
Acquired: 2022/12/09 - 08:49

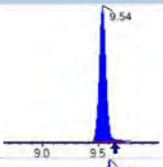
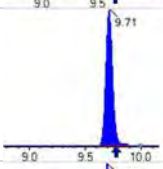
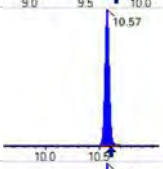
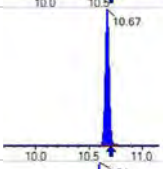
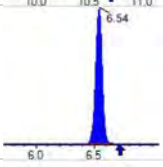
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 183229	(9.92 , N/A) (N/A , 0.01 , N/A)	328.9	N/A	0.8676 [1.0000]	86.8% { 96.2% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 140597	(10.14 , N/A) (N/A , 0.00 , N/A)	383.7	N/A	0.9069 [1.0000]	90.7% { 92.9% }			
13C3_PFBS_EIS	(302.0 / 80.0) 593983	(6.16 , N/A) (N/A , -0.01 , N/A)	926.9	N/A	1.9290 [2.0000]	96.5% { 90.9% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 350962	(8.09 , N/A) (N/A , 0.00 , N/A)	957.2	N/A	2.0024 [2.0000]	100.1% { 93.2% }			
13C8_PFOS_EIS	(507.0 / 80.0) 594687	(9.51 , N/A) (N/A , 0.00 , N/A)	670.7	N/A	1.9584 [2.0000]	97.9% { 108.9% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 58870	(5.85 , N/A) (N/A , -0.01 , N/A)	466.2	N/A	3.3899 [4.0000]	84.7% { 94.8% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 94985	(7.59 , N/A) (N/A , 0.00 , N/A)	530.5	N/A	4.0768 [4.0000]	101.9% { 113.9% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 84603	(9.02 , N/A) (N/A , -0.01 , N/A)	329.5	N/A	4.1836 [4.0000]	104.6% { 105.2% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 848904	(10.19 , N/A) (N/A , 0.00 , N/A)	1033.6	N/A	1.8312 [2.0000]	91.6% { 102.5% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 189307	(10.61 , N/A) (N/A , 0.00 , N/A)	965.2	N/A	1.3800 [2.0000]	69.0% { 94.8% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 192815	(10.70 , N/A) (N/A , 0.00 , N/A)	808.2	N/A	1.5502 [2.0000]	77.5% { 96.8% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (1)
Acquired: 2022/12/09 - 08:49

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 291047	(9.54 , N/A) (N/A , 0.00 , N/A)	574.5	N/A	4.3081 [4.0000]	107.7% { 113.6% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 263066	(9.71 , N/A) (N/A , 0.01 , N/A)	717.4	N/A	4.5305 [4.0000]	113.3% { 108.2% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 383661	(10.57 , N/A) (N/A , 0.00 , N/A)	723.9	N/A	16.3745 [20.0000]	81.9% { 94.0% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 198162	(10.67 , N/A) (N/A , 0.00 , N/A)	919.5	N/A	16.5987 [20.0000]	83.0% { 94.5% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 668568	(6.54 , N/A) (N/A , -0.01 , N/A)	949.6	N/A	8.2704 [8.0000]	103.4% { 105.9% }			

ANALYSIS SEQUENCE BLANKS

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03754L
Calibration:N 2250016L

SDG:N
Project:N NASA JPL
Instrument:N Saphira

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03754-CCB2 0	PFBA0	.0	ng/mL0	.50	U
	PFPEA0	.0	ng/mL0	.50	U
	PFHXA0	.0	ng/mL0	.50	U
	PFHPA0	.0	ng/mL0	.50	U
	PFOA0	.0	ng/mL0	.50	U
	PFNA0	.0	ng/mL0	.50	U
	PFDA0	.0	ng/mL0	.50	U
	PFUnA0	.0	ng/mL0	.50	U
	PFDOA0	.0	ng/mL0	.50	U
	PFTRDA0	.0	ng/mL0	.50	U
	PFTEDA0	.0	ng/mL0	.50	U
	PFBS0	.0	ng/mL0	.50	U
	PFPES0	.0	ng/mL0	.50	U
	PFHXS0	.0	ng/mL0	.50	U
	PFHPS0	.0	ng/mL0	.50	U
	PFOS0	.0	ng/mL0	.50	U
	PFNS0	.0	ng/mL0	.50	U
	PFDS0	.0	ng/mL0	.50	U
	4:2FTS0	.0	ng/mL0	.50	U
	6:2FTS0	.0	ng/mL0	.50	U
	8:2FTS0	.0	ng/mL0	.50	U
	PFOSA0	.0	ng/mL0	.50	U
	NMeFOSA0	.0	ng/mL0	.50	U
	NEtFOSA0	.0	ng/mL0	.50	U
	NMeFOSAA0	.0	ng/mL0	.50	U
	NEtFOSAA0	.0	ng/mL0	.50	U
	NMeFOSE0	.0	ng/mL0	.50	U
	NEtFOSE0	.0	ng/mL0	.50	U
	HFPO-DA0	.0	ng/mL0	.50	U
	ADONA0	.0	ng/mL0	.50	U
	9CL-PF3ONS0	.0	ng/mL0	.50	U
	11CL-PF3OUDS0	.0	ng/mL0	.50	U
	13C4-PFBA0	7.780	ng/mL0		

ANALYSIS SEQUENCE BLANKS

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03754L
Calibration:N 2250016L

SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

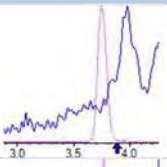
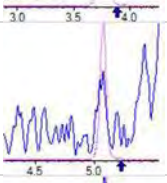
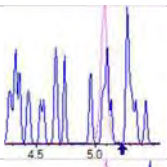
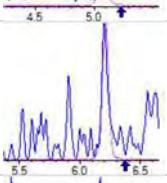
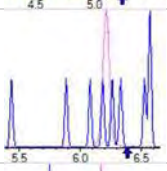
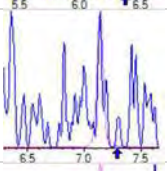
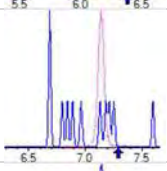
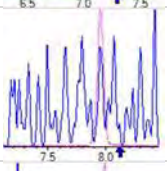
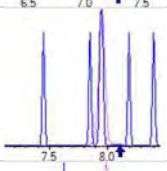
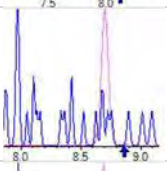
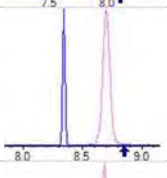
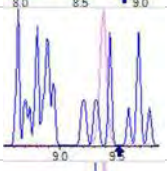
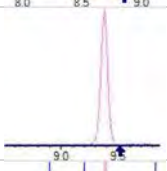
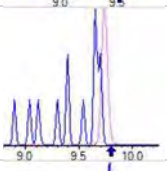
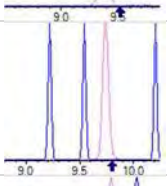
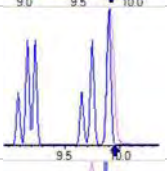
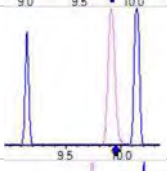
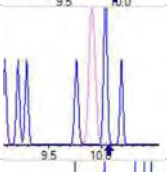
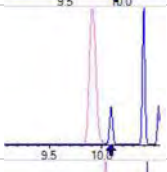
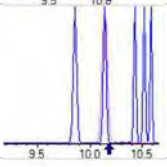
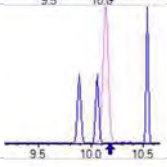
Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03754-CCB20	13C5-PFPEA0	3.620	ng/mL0		
	13C5-PFHXA0	2.0	ng/mL0		
	13C4-PFHPA0	1.840	ng/mL0		
	13C8-PFOA0	1.970	ng/mL0		
	13C9-PFNA	0.8870	ng/mL0		
	13C6-PFDA0	1.030	ng/mL0		
	13C7-PFUnA0	1.150	ng/mL0		
	13C2-PFDOA0	1.110	ng/mL0		
	13C2-PFTEDA	0.9520	ng/mL0		
	13C3-PFBS0	2.030	ng/mL0		
	13C3-PFHXS0	2.0	ng/mL0		
	13C8-PFOS0	1.840	ng/mL0		
	13C2-4:2FTS0	3.620	ng/mL0		
	13C2-6:2FTS0	3.410	ng/mL0		
	13C2-8:2FTS0	4.10	ng/mL0		
	13C8-PFOSA0	2.010	ng/mL0		
	D3-NMEFOSA0	1.60	ng/mL0		
	D5-NETFOSA0	1.770	ng/mL0		
	D3-NMEFOSAA0	3.620	ng/mL0		
	D5-NETFOSAA0	4.220	ng/mL0		
	D7-NMEFOSE0	16.40	ng/mL0		
	D9-NETFOSE0	19.40	ng/mL0		
	13C3-HFPO-DA0	7.050	ng/mL0		

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (4)
Acquired: 2022/12/09 - 09:52

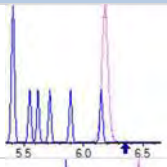
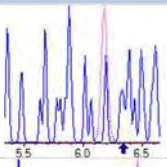
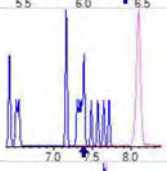
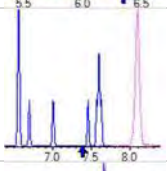
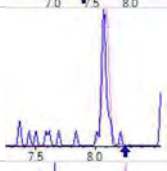
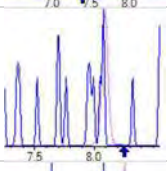
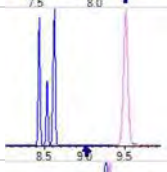
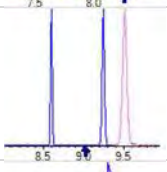
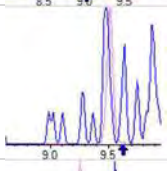
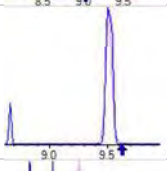
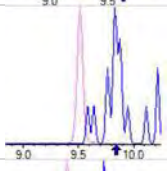
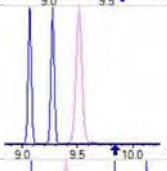
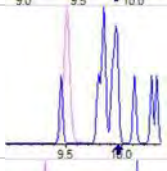
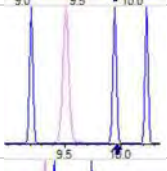
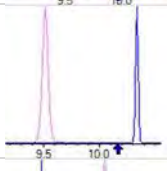
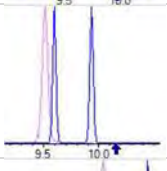
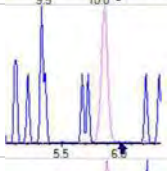
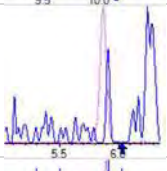
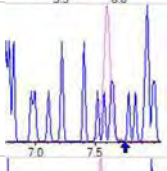
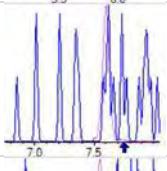
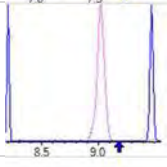
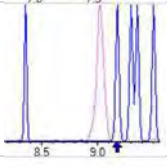
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) N/A (413.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) N/A (563.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) N/A (713.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (4)
Acquired: 2022/12/09 - 09:52

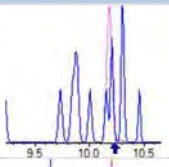
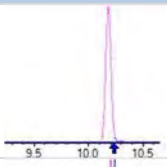
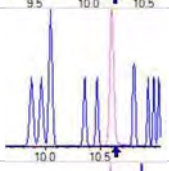
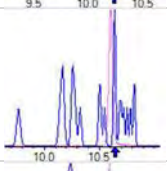
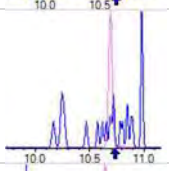
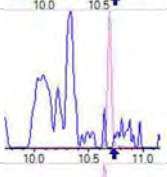
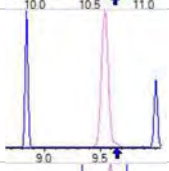
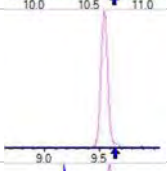
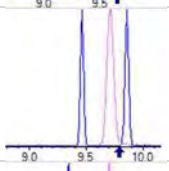
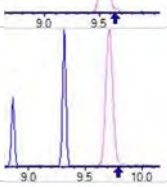
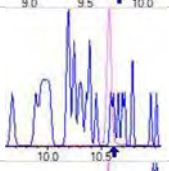
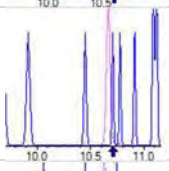
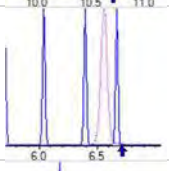
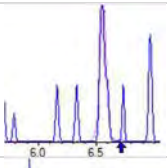
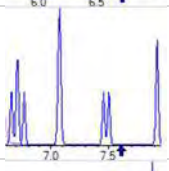
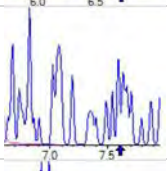
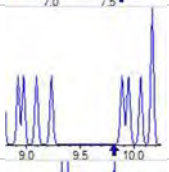
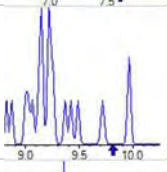
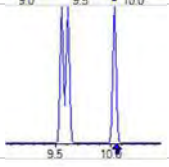
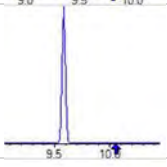
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) N/A (499.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (4)
Acquired: 2022/12/09 - 09:52

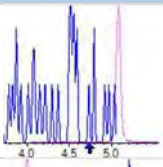
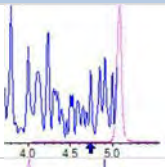
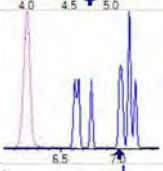
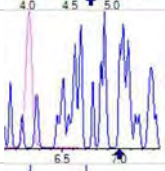
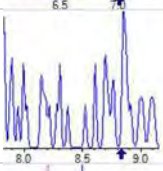
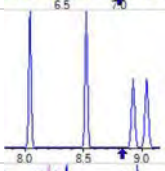
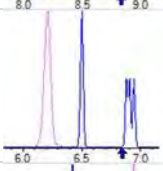
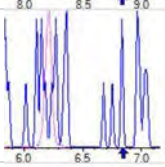
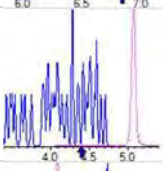
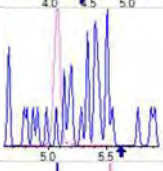
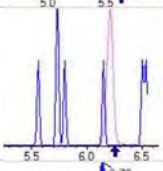
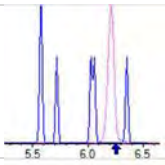
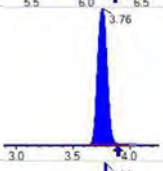
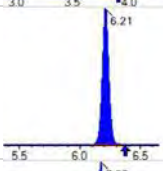
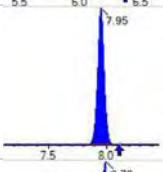
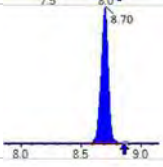
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) N/A (498.0 / 478.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) N/A (584.0 / 526.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSE	(616.1 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSE	(630.0 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (4)
Acquired: 2022/12/09 - 09:52

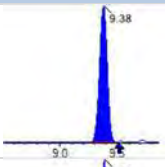
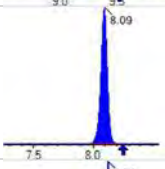
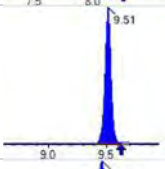
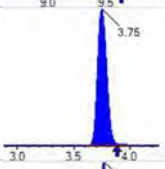
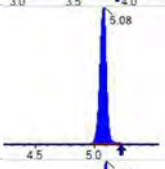
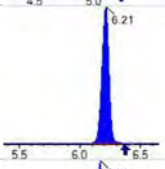
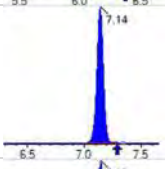
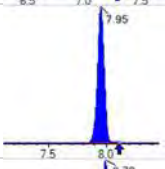
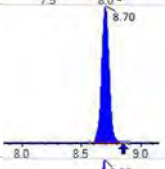
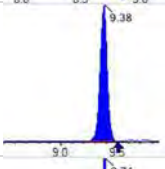
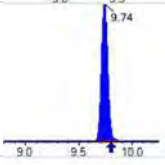
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 88958	(3.76 , N/A) (N/A , 0.02 , N/A)	746.5	N/A	0.9254 [1.0000]	92.5% { 111.1% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 132995	(6.21 , N/A) (N/A , 0.00 , N/A)	754.4	N/A	1.0770 [1.0000]	107.7% { 113.5% }			
13C4_PFOA_IIS	(417.0 / 372.0) 122615	(7.95 , N/A) (N/A , 0.01 , N/A)	942.9	N/A	1.0343 [1.0000]	103.4% { 111.7% }			
13C5_PFNA_IIS	(468.0 / 423.0) 107846	(8.70 , N/A) (N/A , 0.01 , N/A)	752.3	N/A	1.1324 [1.0000]	113.2% { 110.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (4)
Acquired: 2022/12/09 - 09:52

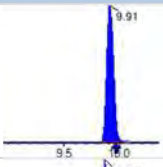
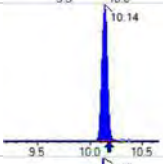
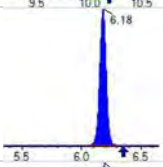
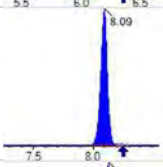
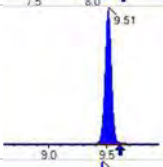
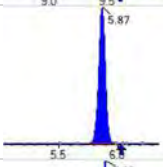
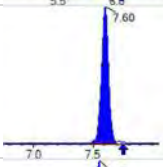
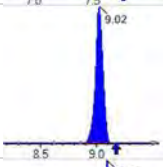
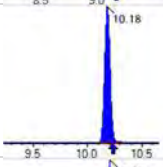
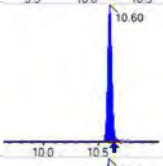
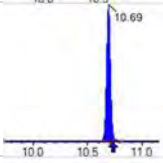
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 84557	(9.38 , N/A) (N/A , 0.01 , N/A)	370.9	N/A	1.0264 [1.0000]	102.6% { 97.0% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 209691	(8.09 , N/A) (N/A , 0.00 , N/A)	984.2	N/A	0.9770 [1.0000]	97.7% { 94.0% }			
13C4_PFOS_IIS	(502.8 / 79.9) 198323	(9.51 , N/A) (N/A , 0.00 , N/A)	572.8	N/A	1.0655 [1.0000]	106.6% { 93.4% }			
13C4_PFBA_EIS	(217.0 / 172.0) 649192	(3.75 , N/A) (N/A , 0.01 , N/A)	969.3	N/A	7.7840 [8.0000]	97.3% { 108.2% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 350826	(5.08 , N/A) (N/A , 0.01 , N/A)	1033.3	N/A	3.6162 [4.0000]	90.4% { 103.8% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 270788	(6.21 , N/A) (N/A , 0.01 , N/A)	933.7	N/A	1.9962 [2.0000]	99.8% { 111.5% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 224907	(7.14 , N/A) (N/A , 0.01 , N/A)	853.5	N/A	1.8368 [2.0000]	91.8% { 96.4% }			
13C8_PFOA_EIS	(421.0 / 376.0) 245499	(7.95 , N/A) (N/A , 0.00 , N/A)	636.0	N/A	1.9685 [2.0000]	98.4% { 105.9% }			
13C9_PFNA_EIS	(472.0 / 427.0) 94435	(8.70 , N/A) (N/A , 0.01 , N/A)	278.7	N/A	0.8873 [1.0000]	88.7% { 101.3% }			
13C6_PFDA_EIS	(519.0 / 474.0) 126818	(9.38 , N/A) (N/A , 0.01 , N/A)	225.3	N/A	1.0325 [1.0000]	103.3% { 100.1% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 189720	(9.74 , N/A) (N/A , 0.00 , N/A)	300.0	N/A	1.1508 [1.0000]	115.1% { 105.6% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (4)
Acquired: 2022/12/09 - 09:52

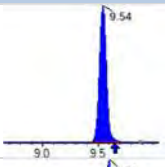
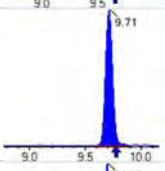
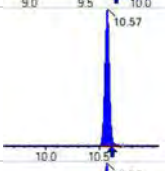
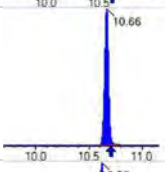
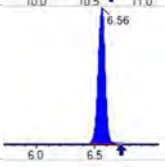
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 221542	(9.91 , N/A) (N/A , 0.00 , N/A)	447.4	N/A	1.1072 [1.0000]	110.7% { 116.4% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 139767	(10.14 , N/A) (N/A , 0.00 , N/A)	362.9	N/A	0.9516 [1.0000]	95.2% { 92.3% }			
13C3_PFBS_EIS	(302.0 / 80.0) 624267	(6.18 , N/A) (N/A , 0.01 , N/A)	790.6	N/A	2.0257 [2.0000]	101.3% { 95.6% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 351395	(8.09 , N/A) (N/A , 0.01 , N/A)	718.1	N/A	2.0031 [2.0000]	100.2% { 93.3% }			
13C8_PFOS_EIS	(507.0 / 80.0) 554903	(9.51 , N/A) (N/A , 0.00 , N/A)	518.9	N/A	1.8354 [2.0000]	91.8% { 101.6% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 62995	(5.87 , N/A) (N/A , 0.01 , N/A)	447.6	N/A	3.6244 [4.0000]	90.6% { 101.4% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 79578	(7.60 , N/A) (N/A , 0.01 , N/A)	839.9	N/A	3.4127 [4.0000]	85.3% { 95.4% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 83012	(9.02 , N/A) (N/A , 0.00 , N/A)	388.4	N/A	4.1015 [4.0000]	102.5% { 103.3% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 925938	(10.18 , N/A) (N/A , 0.00 , N/A)	652.0	N/A	2.0062 [2.0000]	100.3% { 111.7% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 218716	(10.60 , N/A) (N/A , 0.00 , N/A)	689.3	N/A	1.6014 [2.0000]	80.1% { 109.5% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 218575	(10.69 , N/A) (N/A , 0.00 , N/A)	792.3	N/A	1.7650 [2.0000]	88.3% { 109.7% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (4)
Acquired: 2022/12/09 - 09:52

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 243645	(9.54 , N/A) (N/A , 0.01 , N/A)	584.5	N/A	3.6223 [4.0000]	90.6% { 95.1% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 244048	(9.71 , N/A) (N/A , 0.00 , N/A)	325.8	N/A	4.2214 [4.0000]	105.5% { 100.4% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 381877	(10.57 , N/A) (N/A , 0.00 , N/A)	938.6	N/A	16.3699 [20.0000]	81.8% { 93.5% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 231068	(10.66 , N/A) (N/A , 0.00 , N/A)	1237.8	N/A	19.4400 [20.0000]	97.2% { 110.1% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 630304	(6.56 , N/A) (N/A , 0.01 , N/A)	808.6	N/A	7.0549 [8.0000]	88.2% { 99.8% }			

ANALYSIS SEQUENCE BLANKS

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03754L
Calibration:N 2250016L

SDG:N
Project:N NASA JPL
Instrument:N Saphira

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03754-CCB3 0	PFBA0	.0	ng/mL0	.50	U
	PFPEA0	.0	ng/mL0	.50	U
	PFHXA0	.0	ng/mL0	.50	U
	PFHPA0	.0	ng/mL0	.50	U
	PFOA0	.0	ng/mL0	.50	U
	PFNA0	.0	ng/mL0	.50	U
	PFDA0	.0	ng/mL0	.50	U
	PFUnA0	.0	ng/mL0	.50	U
	PFDOA0	.0	ng/mL0	.50	U
	PFTRDA0	.0	ng/mL0	.50	U
	PFTEDA0	.0	ng/mL0	.50	U
	PFBS0	.0	ng/mL0	.50	U
	PFPES0	.0	ng/mL0	.50	U
	PFHXS0	.0	ng/mL0	.50	U
	PFHPS0	.0	ng/mL0	.50	U
	PFOS0	.0	ng/mL0	.50	U
	PFNS0	.0	ng/mL0	.50	U
	PFDS0	.0	ng/mL0	.50	U
	4:2FTS0	.0	ng/mL0	.50	U
	6:2FTS0	.0	ng/mL0	.50	U
	8:2FTS0	.0	ng/mL0	.50	U
	PFOSA0	.0	ng/mL0	.50	U
	NMeFOSA0	.0	ng/mL0	.50	U
	NEtFOSA0	.0	ng/mL0	.50	U
	NMeFOSAA0	.0	ng/mL0	.50	U
	NEtFOSAA0	.0	ng/mL0	.50	U
	NMeFOSE0	.0	ng/mL0	.50	U
	NEtFOSE0	.0	ng/mL0	.50	U
	HFPO-DA0	.0	ng/mL0	.50	U
	ADONA0	.0	ng/mL0	.50	U
	9CL-PF3ONS0	.0	ng/mL0	.50	U
	11CL-PF3OUDS0	.0	ng/mL0	.50	U
	13C4-PFBA0	7.950	ng/mL0		

ANALYSIS SEQUENCE BLANKS

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03754L
Calibration:N 2250016L

SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03754-CCB30	13C5-PFPEA0	3.820	ng/mL0		
	13C5-PFHXA0	2.070	ng/mL0		
	13C4-PFHPA0	2.040	ng/mL0		
	13C8-PFOA0	1.940	ng/mL0		
	13C9-PFNA0	1.250	ng/mL0		
	13C6-PFDA	0.880	ng/mL0		
	13C7-PFUnA	0.9940	ng/mL0		
	13C2-PFDOA	0.8330	ng/mL0		
	13C2-PFTEDA	0.8010	ng/mL0		
	13C3-PFBS0	2.060	ng/mL0		
	13C3-PFHXS0	1.760	ng/mL0		
	13C8-PFOS0	1.960	ng/mL0		
	13C2-4:2FTS0	3.470	ng/mL0		
	13C2-6:2FTS0	3.640	ng/mL0		
	13C2-8:2FTS0	3.650	ng/mL0		
	13C8-PFOSA0	1.840	ng/mL0		
	D3-NMEFOSA0	1.690	ng/mL0		
	D5-NETFOSA0	1.810	ng/mL0		
	D3-NMEFOSAA0	3.850	ng/mL0		
	D5-NETFOSAA0	4.240	ng/mL0		
	D7-NMEFOSE0	20.30	ng/mL0		
	D9-NETFOSE0	20.60	ng/mL0		
	13C3-HFPO-DA0	8.310	ng/mL0		

APPL
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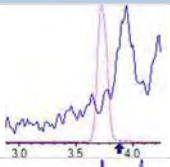
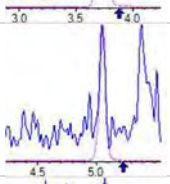
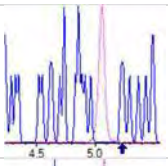
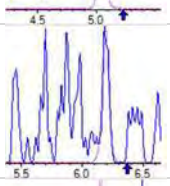
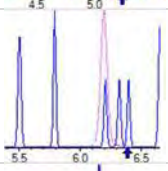
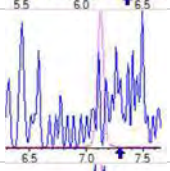
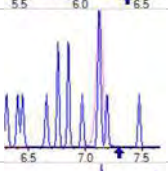
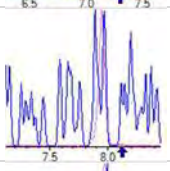
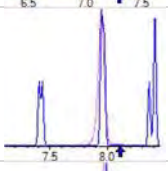
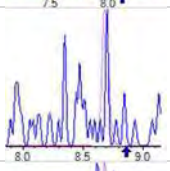
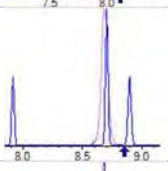
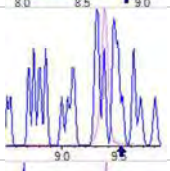
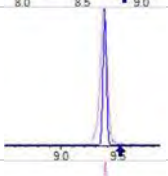
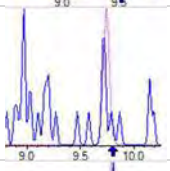
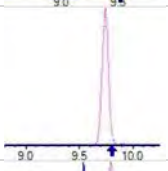
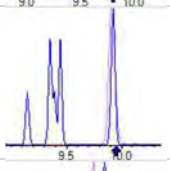
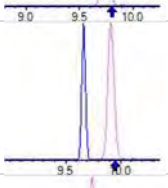
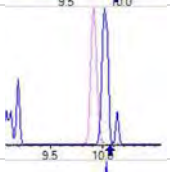
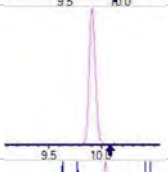
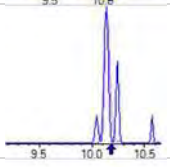
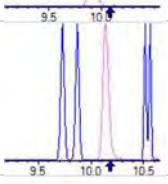
Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (23)
Acquired: 2022/12/09 - 17:23

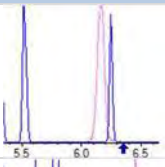
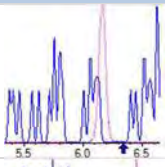
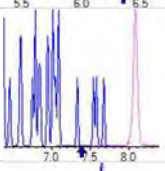
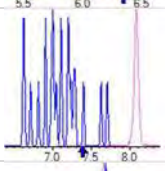
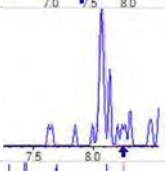
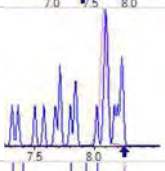
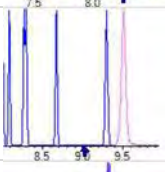
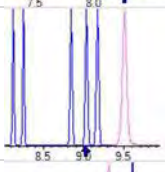
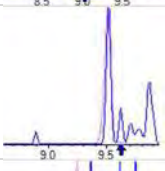
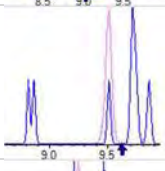
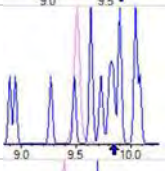
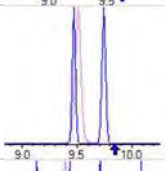
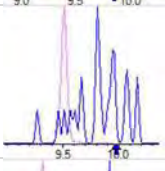
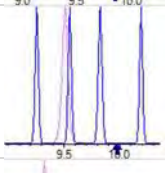
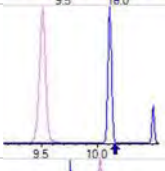
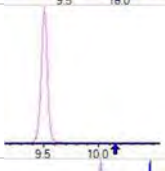
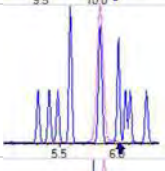
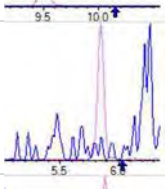
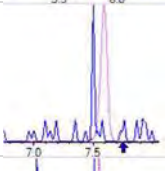
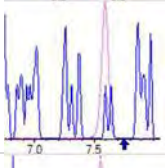
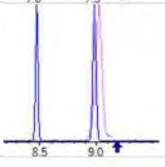
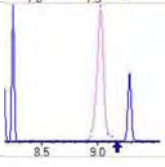
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) N/A (413.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) N/A (563.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) N/A (713.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (23)
Acquired: 2022/12/09 - 17:23

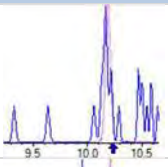
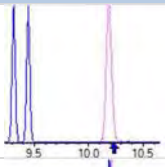
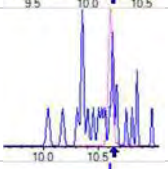
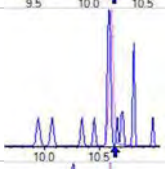
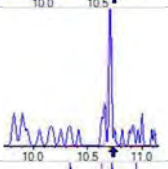
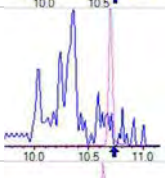
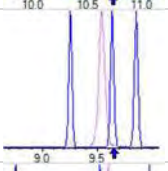
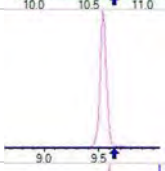
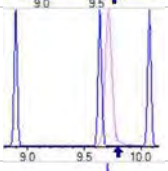
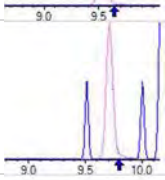
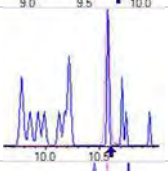
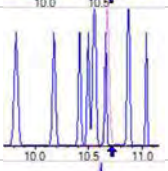
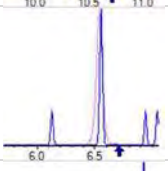
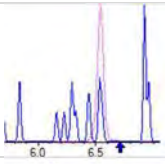
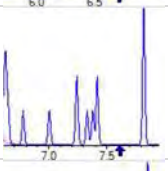
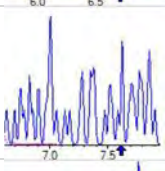
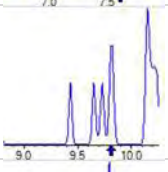
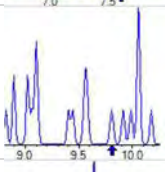
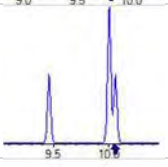
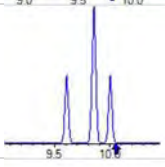
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) N/A (499.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (23)
Acquired: 2022/12/09 - 17:23

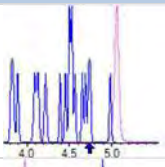
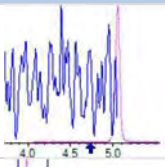
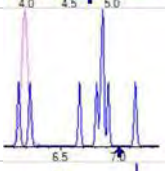
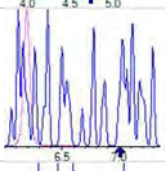
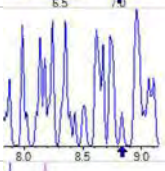
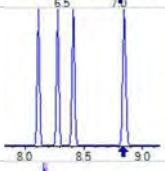
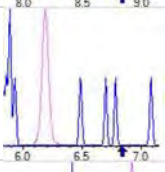
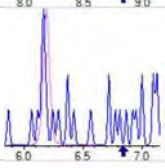
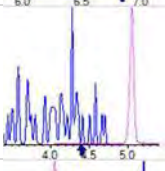
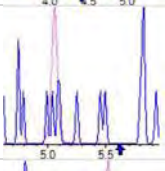
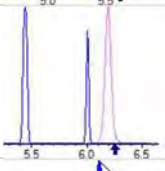
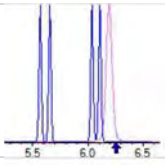
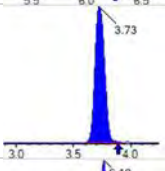
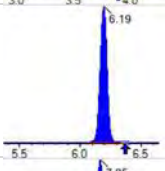
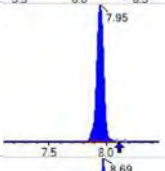
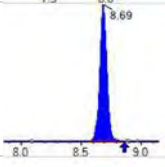
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) N/A (498.0 / 478.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) N/A (584.0 / 526.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSE	(616.1 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSE	(630.0 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (23)
Acquired: 2022/12/09 - 17:23

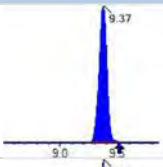
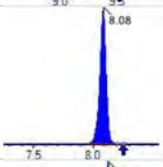
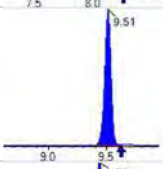
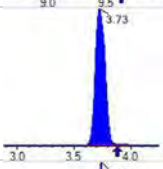
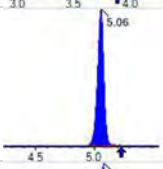
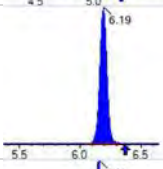
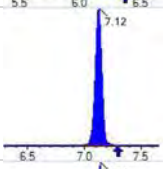
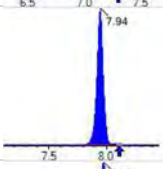
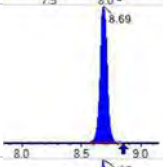
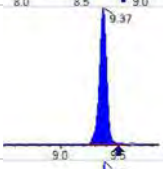
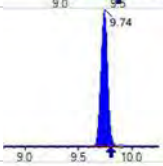
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 81472	(3.73 , N/A) (N/A , -0.01 , N/A)	819.9	N/A	0.8476 [1.0000]	84.8% { 101.8% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 120687	(6.19 , N/A) (N/A , -0.01 , N/A)	464.0	N/A	0.9773 [1.0000]	97.7% { 103.0% }			
13C4_PFOA_IIS	(417.0 / 372.0) 123448	(7.95 , N/A) (N/A , 0.00 , N/A)	647.0	N/A	1.0413 [1.0000]	104.1% { 112.5% }			
13C5_PFNA_IIS	(468.0 / 423.0) 81038	(8.69 , N/A) (N/A , -0.01 , N/A)	478.3	N/A	0.8509 [1.0000]	85.1% { 82.8% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (23)
Acquired: 2022/12/09 - 17:23

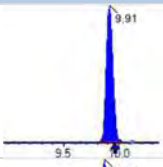
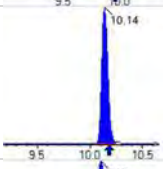
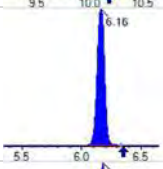
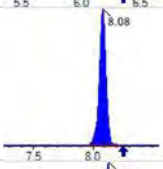
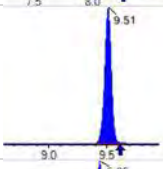
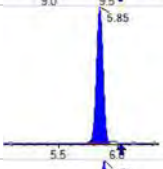
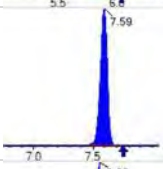
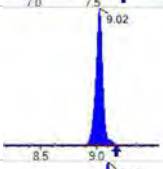
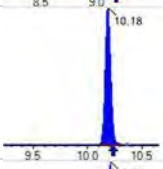
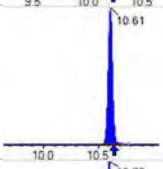
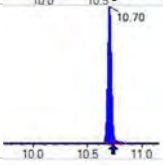
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 92420	(9.37 , N/A) (N/A , 0.00 , N/A)	93504.1	N/A	1.1218 [1.0000]	112.2% { 106.0% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 217549	(8.08 , N/A) (N/A , -0.01 , N/A)	760.4	N/A	1.0136 [1.0000]	101.4% { 97.5% }			
13C4_PFOS_IIS	(502.8 / 79.9) 196381	(9.51 , N/A) (N/A , 0.00 , N/A)	493.6	N/A	1.0551 [1.0000]	105.5% { 92.4% }			
13C4_PFBA_EIS	(217.0 / 172.0) 607352	(3.73 , N/A) (N/A , -0.01 , N/A)	702.8	N/A	7.9514 [8.0000]	99.4% { 101.2% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 336608	(5.06 , N/A) (N/A , -0.01 , N/A)	880.8	N/A	3.8235 [4.0000]	95.6% { 99.6% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 254309	(6.19 , N/A) (N/A , -0.01 , N/A)	1081.3	N/A	2.0659 [2.0000]	103.3% { 104.7% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 226596	(7.12 , N/A) (N/A , -0.01 , N/A)	943.6	N/A	2.0393 [2.0000]	102.0% { 97.2% }			
13C8_PFOA_EIS	(421.0 / 376.0) 243711	(7.94 , N/A) (N/A , -0.01 , N/A)	447.2	N/A	1.9410 [2.0000]	97.0% { 105.2% }			
13C9_PFNA_EIS	(472.0 / 427.0) 99884	(8.69 , N/A) (N/A , -0.01 , N/A)	547.5	N/A	1.2490 [1.0000]	124.9% { 107.1% }			
13C6_PFDA_EIS	(519.0 / 474.0) 118179	(9.37 , N/A) (N/A , 0.00 , N/A)	216.0	N/A	0.8803 [1.0000]	88.0% { 93.3% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 179123	(9.74 , N/A) (N/A , 0.00 , N/A)	1023.5	N/A	0.9940 [1.0000]	99.4% { 99.7% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (23)
Acquired: 2022/12/09 - 17:23

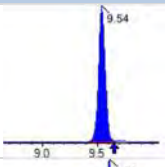
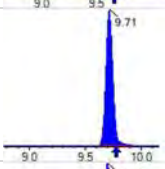
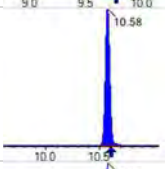
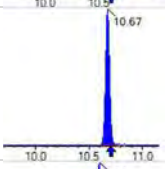
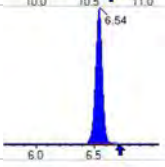
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 182169	(9.91 , N/A) (N/A , 0.00 , N/A)	520.0	N/A	0.8330 [1.0000]	83.3% { 95.7% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 128542	(10.14 , N/A) (N/A , 0.00 , N/A)	261.1	N/A	0.8007 [1.0000]	80.1% { 84.9% }			
13C3_PFBS_EIS	(302.0 / 80.0) 659875	(6.16 , N/A) (N/A , -0.01 , N/A)	935.5	N/A	2.0639 [2.0000]	103.2% { 101.0% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 319619	(8.08 , N/A) (N/A , -0.01 , N/A)	760.6	N/A	1.7562 [2.0000]	87.8% { 84.8% }			
13C8_PFOS_EIS	(507.0 / 80.0) 588128	(9.51 , N/A) (N/A , 0.00 , N/A)	585.8	N/A	1.9646 [2.0000]	98.2% { 107.7% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 62624	(5.85 , N/A) (N/A , -0.01 , N/A)	481.2	N/A	3.4729 [4.0000]	86.8% { 100.8% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 88177	(7.59 , N/A) (N/A , 0.00 , N/A)	791.3	N/A	3.6449 [4.0000]	91.1% { 105.7% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 76540	(9.02 , N/A) (N/A , 0.00 , N/A)	443.2	N/A	3.6451 [4.0000]	91.1% { 95.2% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 842588	(10.18 , N/A) (N/A , 0.00 , N/A)	485.6	N/A	1.8436 [2.0000]	92.2% { 101.7% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 228350	(10.61 , N/A) (N/A , 0.01 , N/A)	843.8	N/A	1.6885 [2.0000]	84.4% { 114.4% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 221343	(10.70 , N/A) (N/A , 0.00 , N/A)	799.4	N/A	1.8050 [2.0000]	90.3% { 111.1% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (23)
Acquired: 2022/12/09 - 17:23

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 256343	(9.54 , N/A) (N/A , 0.00 , N/A)	238.1	N/A	3.8488 [4.0000]	96.2% { 100.1% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 242729	(9.71 , N/A) (N/A , 0.00 , N/A)	652.4	N/A	4.2402 [4.0000]	106.0% { 99.9% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 467815	(10.58 , N/A) (N/A , 0.01 , N/A)	1215.6	N/A	20.2522 [20.0000]	101.3% { 114.6% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 242327	(10.67 , N/A) (N/A , 0.00 , N/A)	930.6	N/A	20.5889 [20.0000]	102.9% { 115.5% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 673768	(6.54 , N/A) (N/A , -0.01 , N/A)	798.7	N/A	8.3104 [8.0000]	103.9% { 106.7% }			

ANALYSIS SEQUENCE BLANKS

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03754L
Calibration:N 2250016L

SDG:N
Project:N NASA JPL
Instrument:N Saphira

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03754-CCB4 0	PFBA0	.0	ng/mL0	.50	U
	PFPEA0	.0	ng/mL0	.50	U
	PFHXA0	.0	ng/mL0	.50	U
	PFHPA0	.0	ng/mL0	.50	U
	PFOA0	.0	ng/mL0	.50	U
	PFNA0	.0	ng/mL0	.50	U
	PFDA0	.0	ng/mL0	.50	U
	PFUnA0	.0	ng/mL0	.50	U
	PFDOA0	.0	ng/mL0	.50	U
	PFTRDA0	.0	ng/mL0	.50	U
	PFTEDA0	.0	ng/mL0	.50	U
	PFBS0	.0	ng/mL0	.50	U
	PFPES0	.0	ng/mL0	.50	U
	PFHXS0	.0	ng/mL0	.50	U
	PFHPS0	.0	ng/mL0	.50	U
	PFOS0	.0	ng/mL0	.50	U
	PFNS0	.0	ng/mL0	.50	U
	PFDS0	.0	ng/mL0	.50	U
	4:2FTS0	.0	ng/mL0	.50	U
	6:2FTS0	.0	ng/mL0	.50	U
	8:2FTS0	.0	ng/mL0	.50	U
	PFOSA0	.0	ng/mL0	.50	U
	NMeFOSA0	.0	ng/mL0	.50	U
	NEtFOSA0	.0	ng/mL0	.50	U
	NMeFOSAA0	.0	ng/mL0	.50	U
	NEtFOSAA0	.0	ng/mL0	.50	U
	NMeFOSE0	.0	ng/mL0	.50	U
	NEtFOSE0	.0	ng/mL0	.50	U
	HFPO-DA0	.0	ng/mL0	.50	U
	ADONA0	.0	ng/mL0	.50	U
	9CL-PF3ONS0	.0	ng/mL0	.50	U
	11CL-PF3OUDS0	.0	ng/mL0	.50	U
	13C4-PFBA0	7.830	ng/mL0		

ANALYSIS SEQUENCE BLANKS

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03754L
Calibration:N 2250016L

SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

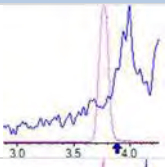
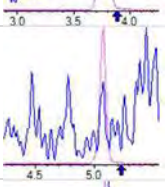
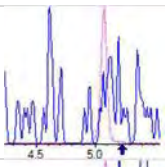
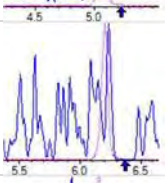
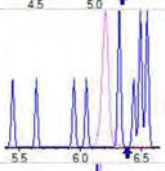
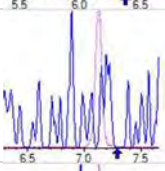
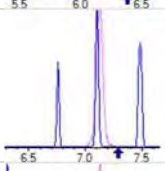
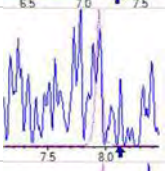
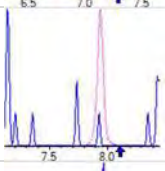
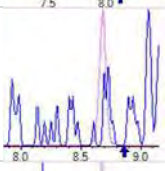
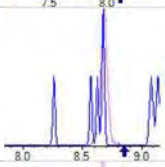
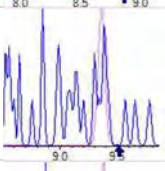
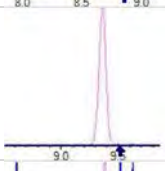
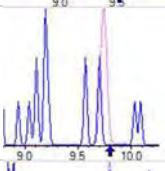
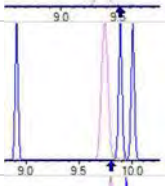
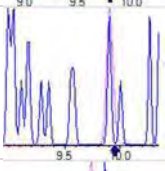
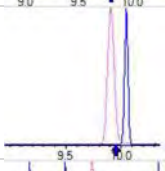
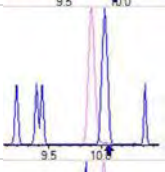
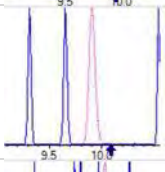
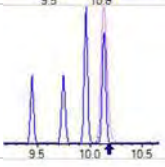
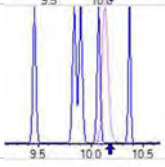
Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03754-CCB40	13C5-PFPEA0	3.680	ng/mL0		
	13C5-PFHXA0	2.120	ng/mL0		
	13C4-PFHPA0	2.050	ng/mL0		
	13C8-PFOA0	2.130	ng/mL0		
	13C9-PFNA	0.8560	ng/mL0		
	13C6-PFDA	0.8810	ng/mL0		
	13C7-PFUnA	0.890	ng/mL0		
	13C2-PFDOA	0.7670	ng/mL0		
	13C2-PFTEDA	0.7410	ng/mL0		
	13C3-PFBS0	1.920	ng/mL0		
	13C3-PFHXS0	2.020	ng/mL0		
	13C8-PFOS0	1.90	ng/mL0		
	13C2-4:2FTS0	3.910	ng/mL0		
	13C2-6:2FTS0	3.450	ng/mL0		
	13C2-8:2FTS0	3.920	ng/mL0		
	13C8-PFOSA0	1.890	ng/mL0		
	D3-NMEFOSA0	1.610	ng/mL0		
	D5-NETFOSA0	1.780	ng/mL0		
	D3-NMEFOSAA0	3.790	ng/mL0		
	D5-NETFOSAA0	4.360	ng/mL0		
	D7-NMEFOSE0	19.20	ng/mL0		
	D9-NETFOSE0	19.60	ng/mL0		
	13C3-HFPO-DA0	7.460	ng/mL0		

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (42)
Acquired: 2022/12/09 - 21:25

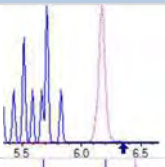
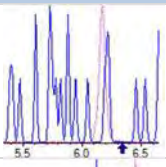
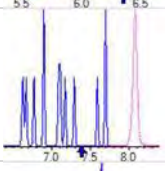
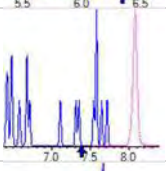
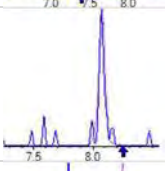
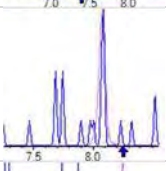
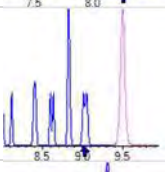
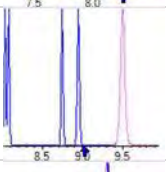
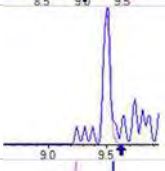
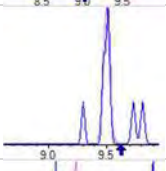
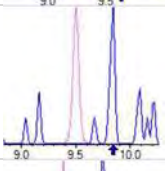
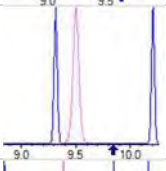
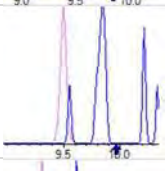
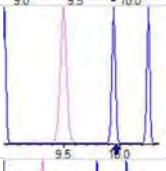
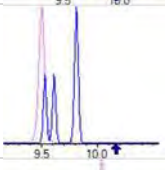
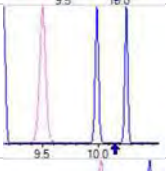
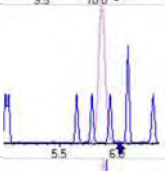
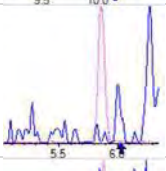
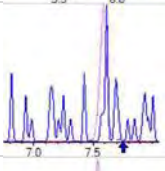
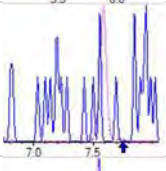
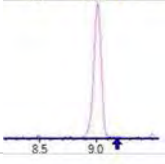
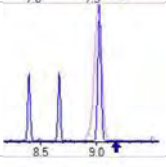
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) N/A (413.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) N/A (563.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) N/A (713.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (42)
Acquired: 2022/12/09 - 21:25

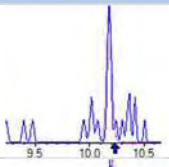
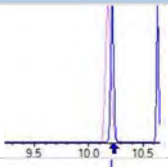
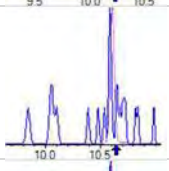
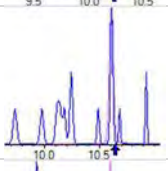
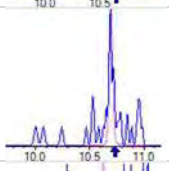
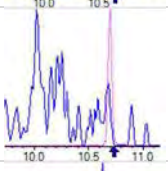
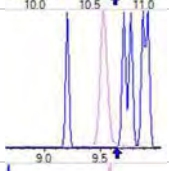
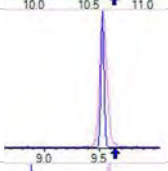
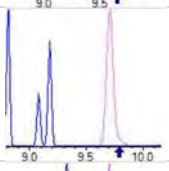
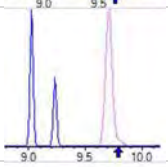
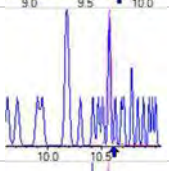
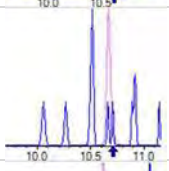
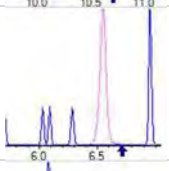
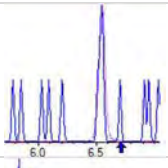
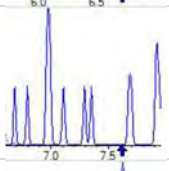
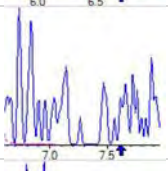
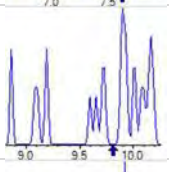
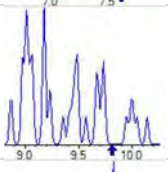
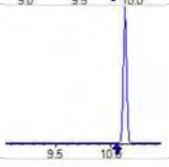
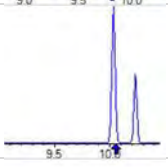
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) N/A (499.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (42)
Acquired: 2022/12/09 - 21:25

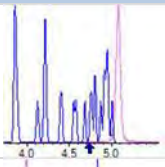
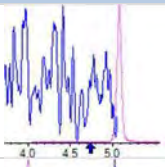
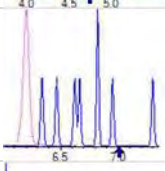
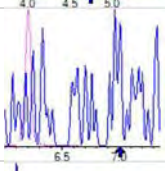
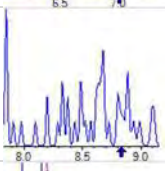
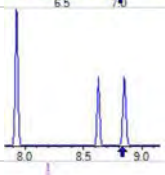
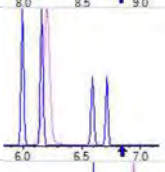
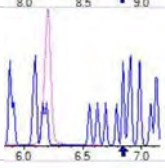
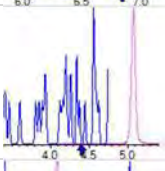
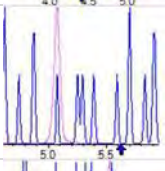
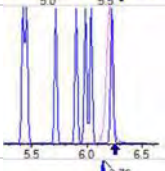
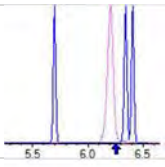
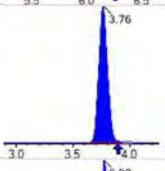
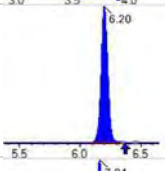
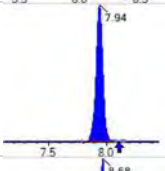
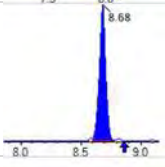
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) N/A (498.0 / 478.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) N/A (584.0 / 526.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSE	(616.1 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSE	(630.0 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (42)
Acquired: 2022/12/09 - 21:25

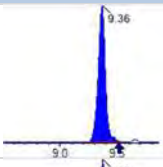
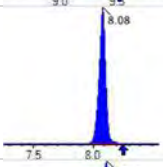
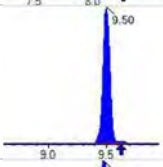
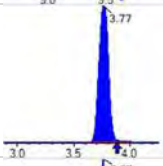
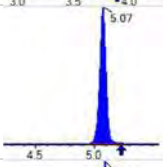
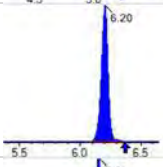
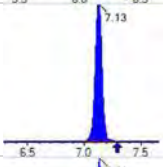
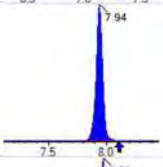
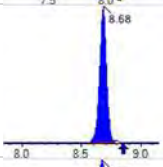
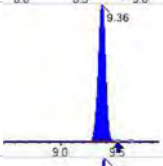
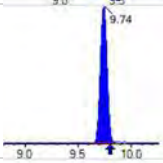
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 87980	(3.76 , N/A) (N/A , 0.03 , N/A)	797.7	N/A	0.9153 [1.0000]	91.5% { 109.9% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 118303	(6.20 , N/A) (N/A , 0.00 , N/A)	642.2	N/A	0.9580 [1.0000]	95.8% { 100.9% }			
13C4_PFOA_IIS	(417.0 / 372.0) 113985	(7.94 , N/A) (N/A , -0.01 , N/A)	471.5	N/A	0.9615 [1.0000]	96.1% { 103.9% }			
13C5_PFNA_IIS	(468.0 / 423.0) 103984	(8.68 , N/A) (N/A , -0.01 , N/A)	516.5	N/A	1.0918 [1.0000]	109.2% { 106.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (42)
Acquired: 2022/12/09 - 21:25

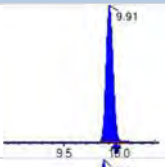
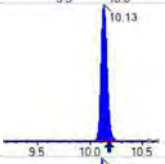
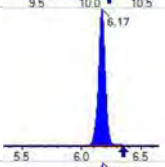
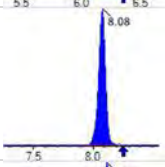
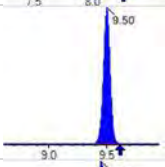
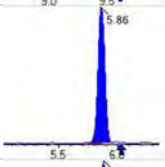
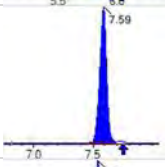
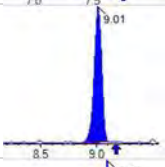
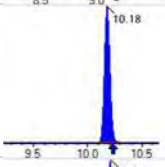
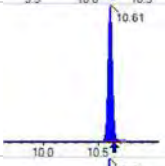
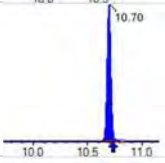
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 95715	(9.36 , N/A) (N/A , -0.01 , N/A)	244.0	N/A	1.1618 [1.0000]	116.2% { 109.8% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 213816	(8.08 , N/A) (N/A , -0.01 , N/A)	1423.9	N/A	0.9962 [1.0000]	99.6% { 95.9% }			
13C4_PFOS_IIS	(502.8 / 79.9) 195153	(9.50 , N/A) (N/A , -0.01 , N/A)	456.6	N/A	1.0485 [1.0000]	104.9% { 91.9% }			
13C4_PFBA_EIS	(217.0 / 172.0) 646122	(3.77 , N/A) (N/A , 0.02 , N/A)	1021.2	N/A	7.8333 [8.0000]	97.9% { 107.7% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 317642	(5.07 , N/A) (N/A , 0.01 , N/A)	837.0	N/A	3.6808 [4.0000]	92.0% { 94.0% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 256279	(6.20 , N/A) (N/A , 0.00 , N/A)	514.4	N/A	2.1238 [2.0000]	106.2% { 105.5% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 223306	(7.13 , N/A) (N/A , -0.01 , N/A)	621.6	N/A	2.0502 [2.0000]	102.5% { 95.8% }			
13C8_PFOA_EIS	(421.0 / 376.0) 246797	(7.94 , N/A) (N/A , -0.01 , N/A)	1275.7	N/A	2.1287 [2.0000]	106.4% { 106.5% }			
13C9_PFNA_EIS	(472.0 / 427.0) 87793	(8.68 , N/A) (N/A , -0.01 , N/A)	10013.7	N/A	0.8555 [1.0000]	85.6% { 94.2% }			
13C6_PFDA_EIS	(519.0 / 474.0) 122483	(9.36 , N/A) (N/A , -0.01 , N/A)	388.1	N/A	0.8810 [1.0000]	88.1% { 96.7% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 166066	(9.74 , N/A) (N/A , 0.00 , N/A)	270.4	N/A	0.8899 [1.0000]	89.0% { 92.5% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (42)
Acquired: 2022/12/09 - 21:25

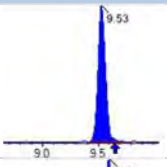
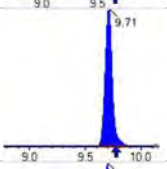
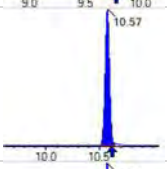
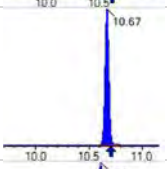
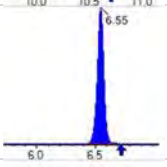
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 173758	(9.91 , N/A) (N/A , 0.00 , N/A)	229.4	N/A	0.7672 [1.0000]	76.7% { 91.3% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 123122	(10.13 , N/A) (N/A , 0.00 , N/A)	312.3	N/A	0.7405 [1.0000]	74.1% { 81.3% }			
13C3_PFBS_EIS	(302.0 / 80.0) 602869	(6.17 , N/A) (N/A , 0.00 , N/A)	702.6	N/A	1.9185 [2.0000]	95.9% { 92.3% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 361372	(8.08 , N/A) (N/A , -0.01 , N/A)	650.9	N/A	2.0203 [2.0000]	101.0% { 95.9% }			
13C8_PFOS_EIS	(507.0 / 80.0) 564474	(9.50 , N/A) (N/A , -0.01 , N/A)	577.6	N/A	1.8974 [2.0000]	94.9% { 103.4% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 69243	(5.86 , N/A) (N/A , 0.00 , N/A)	408.1	N/A	3.9071 [4.0000]	97.7% { 111.5% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 82076	(7.59 , N/A) (N/A , -0.01 , N/A)	504.9	N/A	3.4519 [4.0000]	86.3% { 98.4% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 80832	(9.01 , N/A) (N/A , -0.01 , N/A)	292.4	N/A	3.9167 [4.0000]	97.9% { 100.6% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 860107	(10.18 , N/A) (N/A , 0.00 , N/A)	569.9	N/A	1.8938 [2.0000]	94.7% { 103.8% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 216981	(10.61 , N/A) (N/A , 0.00 , N/A)	851.0	N/A	1.6145 [2.0000]	80.7% { 108.7% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 216345	(10.70 , N/A) (N/A , 0.00 , N/A)	800.1	N/A	1.7754 [2.0000]	88.8% { 108.6% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03754-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-07.dam

Quant Method: 1633 - S2022-12-07A
Path: S2022-12-09A (42)
Acquired: 2022/12/09 - 21:25

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 250738	(9.53 , N/A) (N/A , 0.00 , N/A)	371.9	N/A	3.7883 [4.0000]	94.7% { 97.9% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 248007	(9.71 , N/A) (N/A , 0.00 , N/A)	477.1	N/A	4.3596 [4.0000]	109.0% { 102.0% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 441326	(10.57 , N/A) (N/A , 0.00 , N/A)	897.0	N/A	19.2256 [20.0000]	96.1% { 108.1% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 229830	(10.67 , N/A) (N/A , 0.00 , N/A)	1416.1	N/A	19.6499 [20.0000]	98.2% { 109.6% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 592890	(6.55 , N/A) (N/A , 0.00 , N/A)	907.5	N/A	7.4603 [8.0000]	93.3% { 93.9% }			

ANALYSIS SEQUENCE BLANKSN

Laboratory:N	APPL, L CL	SDG:N	
Client:N	Tidewater, Inc.L	Project:N	NASA JPL
Sequence:N	SB03856L	Instrument:N	Saphira
Calibration:N	2251019L		

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03856-ICB1 0	PFBA0	.0	ng/mL	.50	U
	PFPEA0	.0	ng/mL	.50	U
	PFHXA0	.0	ng/mL	.50	U
	PFHPA0	.0	ng/mL	.50	U
	PFOA0	.0	ng/mL	.50	U
	PFNA0	.0	ng/mL	.50	U
	PFDA0	.0	ng/mL	.50	U
	PFUnA0	.01550	ng/mL	.50	U
	PFDOA0	.0	ng/mL	.50	U
	PFTRDA0	.0	ng/mL	.50	U
	PFTEDA0	.02460	ng/mL	.50	U
	PFBS0	.0	ng/mL	.50	U
	PFPES0	.0	ng/mL	.50	U
	PFHXS0	.0	ng/mL	.50	U
	PFHPS0	.0	ng/mL	.50	U
	PFOS0	.01630	ng/mL	.50	U
	PFNS0	.0	ng/mL	.50	U
	PFDS0	.0	ng/mL	.50	U
	4:2FTS0	.0	ng/mL	.50	U
	6:2FTS0	.0	ng/mL	.50	U
	8:2FTS0	.0	ng/mL	.50	U
	PFOSA0	.01820	ng/mL	.50	U
	NMeFOSA0	.0	ng/mL	.50	U
	NEtFOSA0	.0	ng/mL	.50	U
	NMeFOSAA0	.0	ng/mL	.50	U
	NEtFOSAA0	.0	ng/mL	.50	U
	NMeFOSE0	.09040	ng/mL	.50	U
	NEtFOSE0	.08120	ng/mL	.50	U
	HFPO-DA0	.0	ng/mL	.50	U
	ADONA0	.0	ng/mL	.50	U
	9CL-PF3ONS0	.0	ng/mL	.50	U
	11CL-PF3OUDS0	.0	ng/mL	.50	U
	13C4-PFBA0	8.520	ng/mL		

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03856L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

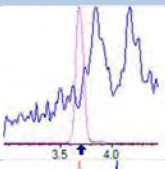
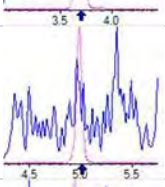
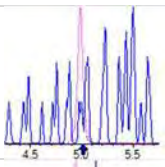
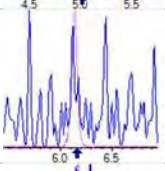
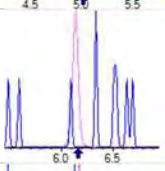
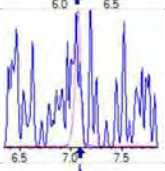
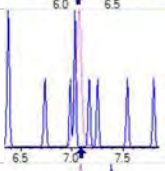
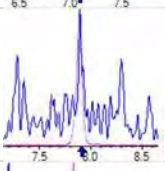
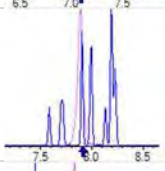
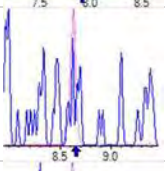
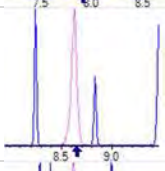
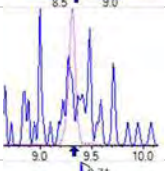
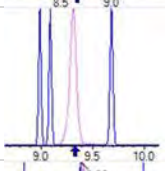
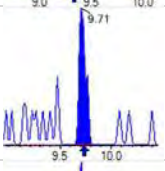
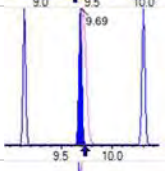
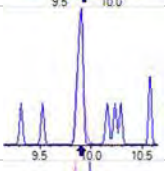
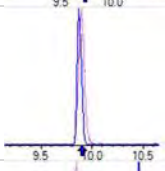
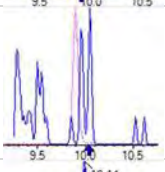
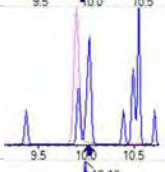
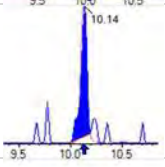
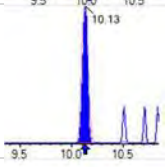
Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03856-ICB10	13C5-PFPEA0	4.060	ng/mL		
	13C5-PFHXA0	2.10	ng/mL		
	13C4-PFHPA0	1.970	ng/mL		
	13C8-PFOA0	2.240	ng/mL		
	13C9-PFNA0	1.230	ng/mL		
	13C6-PFDA	0.9830	ng/mL		
	13C7-PFUnA0	1.030	ng/mL		
	13C2-PFDOA	0.9580	ng/mL		
	13C2-PFTEDA0	1.060	ng/mL		
	13C3-PFBS0	2.260	ng/mL		
	13C3-PFHXS0	2.330	ng/mL		
	13C8-PFOS0	2.140	ng/mL		
	13C2-4:2FTS0	4.060	ng/mL		
	13C2-6:2FTS0	4.520	ng/mL		
	13C2-8:2FTS0	4.260	ng/mL		
	13C8-PFOSA0	2.410	ng/mL		
	D3-NMEFOSA0	2.370	ng/mL		
	D5-NETFOSA0	2.650	ng/mL		
	D3-NMEFOSAA0	4.580	ng/mL		
	D5-NETFOSAA0	5.610	ng/mL		
	D7-NMEFOSE0	25.10	ng/mL		
	D9-NETFOSE0	25.30	ng/mL		
	13C3-HFPO-DA0	8.830	ng/mL		

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03856-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15A (9)
Acquired: 2022/12/15 - 14:15

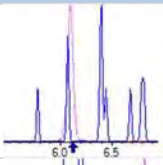
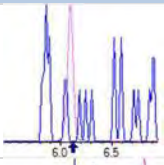
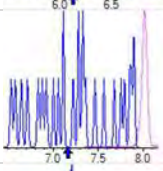
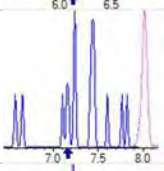
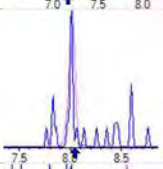
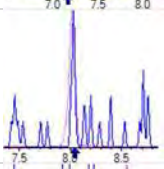
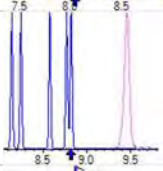
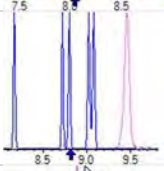
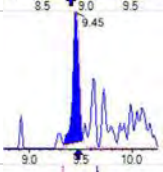
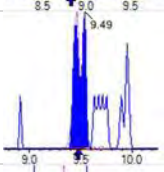
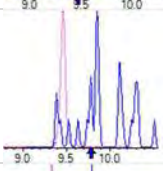
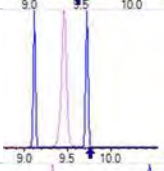
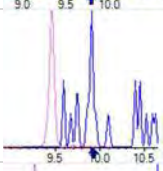
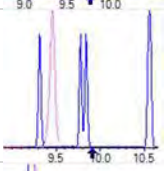
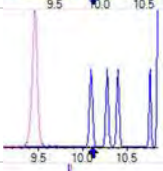
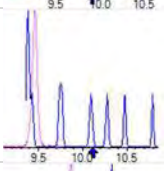
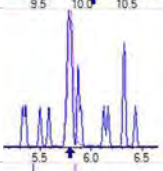
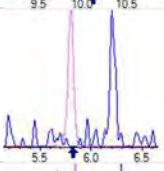
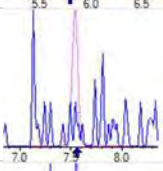
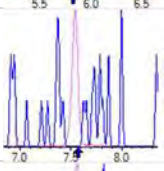
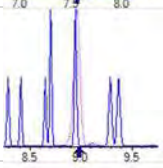
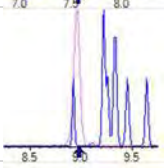
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) N/A (413.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) 2368 (563.0 / 169.0) 265	(9.71 , 1.00) (-0.01 , N/A , 1.3)	11.9 355.1	0.1121 100.1 100.1	0.0155	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) 3421 (713.0 / 169.0) 1579	(10.14 , 1.00) (0.01 , N/A , 0.2)	23.3 154.7	0.4614 203.3 203.3	0.0246	N/A			IR2,

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03856-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15A (9)
Acquired: 2022/12/15 - 14:15

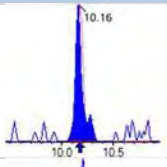
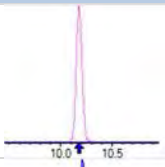
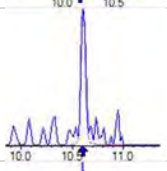
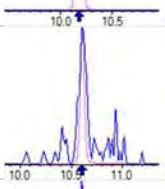
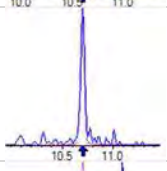
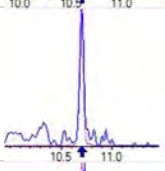
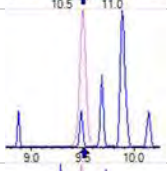
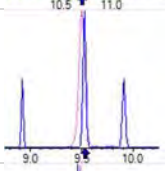
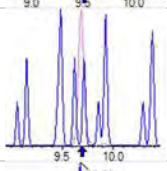
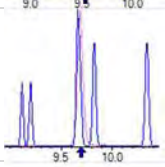
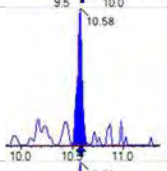
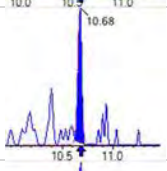
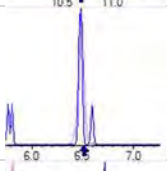
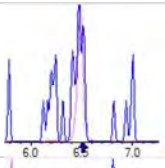
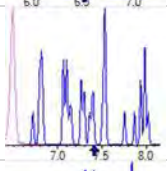
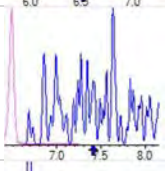
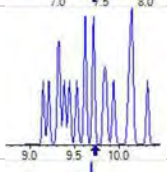
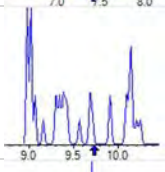
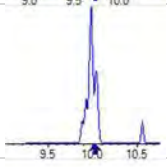
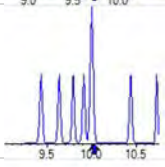
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) 5322 (499.0 / 99.0) 2218	(9.45 , 1.00) (-0.01 , N/A , -2.2)	21.2 13.6	0.4168 182.4 182.4	0.0163	N/A			IR2,
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03856-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15A (9)
Acquired: 2022/12/15 - 14:15

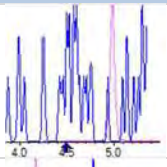
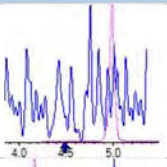
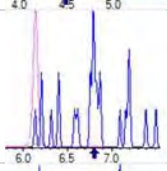
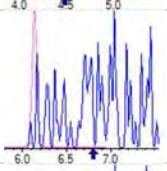
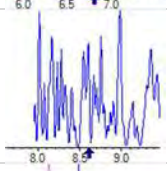
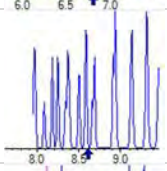
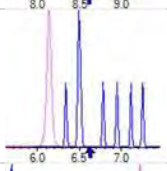
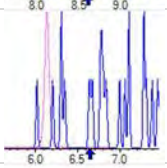
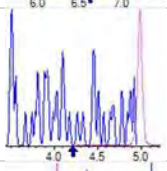
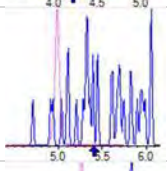
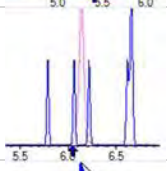
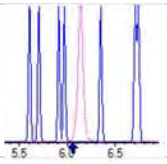
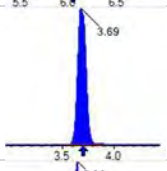
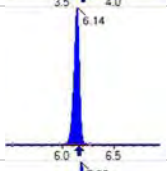
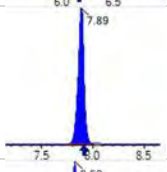
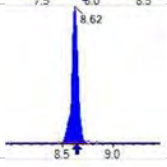
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) 8813 (498.0 / 478.0) N/A	(10.16 , 1.00) (-0.02 , N/A , #Value!)	25.1 N/A	N/A 0.0 0.0	0.0182	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) N/A (584.0 / 526.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSE	(616.1 / 59.0) 2788	(10.58 , 1.00) (0.01 , N/A , 0.0)	32.7	N/A 0.0 0.0	0.0904	N/A			
NEtFOSE	(630.0 / 59.0) 679	(10.68 , 1.00) (0.01 , N/A , 0.0)	20.6	N/A 0.0 0.0	0.0812	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03856-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15A (9)
Acquired: 2022/12/15 - 14:15

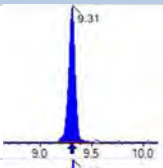
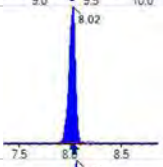
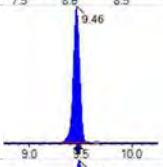
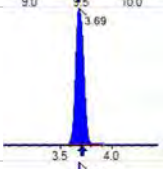
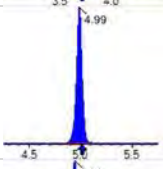
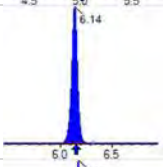
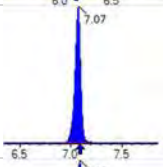
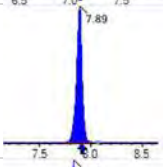
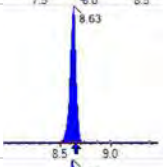
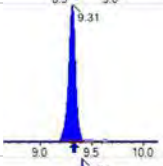
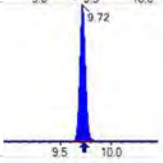
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 79325	(3.69 , N/A) (N/A , -0.02 , N/A)	625.0	N/A	0.9073 [1.0000]	90.7% { 86.0% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 123371	(6.14 , N/A) (N/A , -0.02 , N/A)	481.2	N/A	0.9376 [1.0000]	93.8% { 98.0% }			
13C4_PFOA_IIS	(417.0 / 372.0) 107121	(7.89 , N/A) (N/A , -0.02 , N/A)	429.8	N/A	0.8558 [1.0000]	85.6% { 84.2% }			
13C5_PFNA_IIS	(468.0 / 423.0) 79969	(8.62 , N/A) (N/A , -0.02 , N/A)	329.4	N/A	0.8012 [1.0000]	80.1% { 72.7% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03856-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15A (9)
Acquired: 2022/12/15 - 14:15

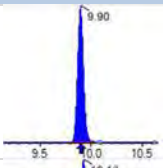
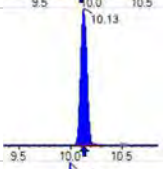
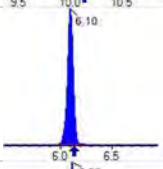
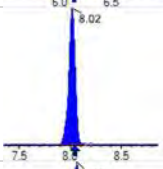
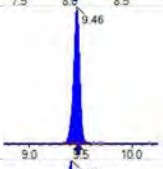
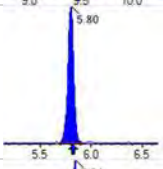
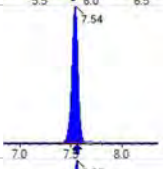
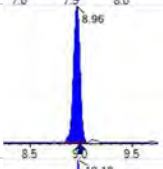
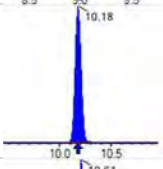
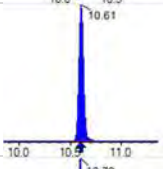
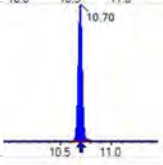
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 102447	(9.31 , N/A) (N/A , -0.01 , N/A)	292.7	N/A	0.9879 [1.0000]	98.8% { 104.3% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 204239	(8.02 , N/A) (N/A , -0.02 , N/A)	592.8	N/A	0.8633 [1.0000]	86.3% { 80.8% }			
13C4_PFOS_IIS	(502.8 / 79.9) 168317	(9.46 , N/A) (N/A , -0.02 , N/A)	420.6	N/A	0.8390 [1.0000]	83.9% { 76.2% }			
13C4_PFBA_EIS	(217.0 / 172.0) 700019	(3.69 , N/A) (N/A , -0.02 , N/A)	779.8	N/A	8.5236 [8.0000]	106.5% { 96.6% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 368858	(4.99 , N/A) (N/A , -0.03 , N/A)	810.4	N/A	4.0611 [4.0000]	101.5% { 97.7% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 305353	(6.14 , N/A) (N/A , -0.02 , N/A)	766.5	N/A	2.1025 [2.0000]	105.1% { 100.7% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 253262	(7.07 , N/A) (N/A , -0.03 , N/A)	692.2	N/A	1.9738 [2.0000]	98.7% { 92.4% }			
13C8_PFOA_EIS	(421.0 / 376.0) 264665	(7.89 , N/A) (N/A , -0.02 , N/A)	517.1	N/A	2.2359 [2.0000]	111.8% { 104.5% }			
13C9_PFNA_EIS	(472.0 / 427.0) 107397	(8.63 , N/A) (N/A , -0.02 , N/A)	488.4	N/A	1.2295 [1.0000]	122.9% { 102.7% }			
13C6_PFDA_EIS	(519.0 / 474.0) 136506	(9.31 , N/A) (N/A , -0.02 , N/A)	345.5	N/A	0.9833 [1.0000]	98.3% { 95.7% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 205614	(9.72 , N/A) (N/A , 0.00 , N/A)	807.0	N/A	1.0287 [1.0000]	102.9% { 109.9% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03856-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15A (9)
Acquired: 2022/12/15 - 14:15

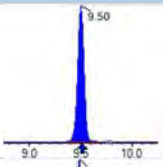
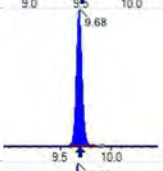
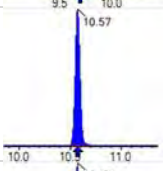
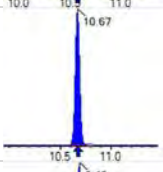
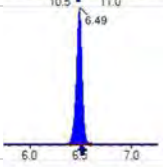
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 215918	(9.90 , N/A) (N/A , 0.00 , N/A)	349.4	N/A	0.9579 [1.0000]	95.8% { 100.1% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 145042	(10.13 , N/A) (N/A , 0.00 , N/A)	329.7	N/A	1.0587 [1.0000]	105.9% { 119.9% }			
13C3_PFBS_EIS	(302.0 / 80.0) 752754	(6.10 , N/A) (N/A , -0.03 , N/A)	956.2	N/A	2.2567 [2.0000]	112.8% { 99.2% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 403724	(8.02 , N/A) (N/A , -0.02 , N/A)	759.9	N/A	2.3339 [2.0000]	116.7% { 104.8% }			
13C8_PFOS_EIS	(507.0 / 80.0) 592394	(9.46 , N/A) (N/A , -0.01 , N/A)	322.3	N/A	2.1425 [2.0000]	107.1% { 88.7% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 76281	(5.80 , N/A) (N/A , -0.03 , N/A)	483.1	N/A	4.0556 [4.0000]	101.4% { 86.5% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 109033	(7.54 , N/A) (N/A , -0.02 , N/A)	520.1	N/A	4.5234 [4.0000]	113.1% { 102.1% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 92104	(8.96 , N/A) (N/A , -0.03 , N/A)	286.5	N/A	4.2622 [4.0000]	106.6% { 97.5% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 971045	(10.18 , N/A) (N/A , 0.00 , N/A)	717.2	N/A	2.4132 [2.0000]	120.7% { 99.8% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 237698	(10.61 , N/A) (N/A , 0.00 , N/A)	943.5	N/A	2.3712 [2.0000]	118.6% { 99.0% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 247829	(10.70 , N/A) (N/A , 0.00 , N/A)	1028.3	N/A	2.6475 [2.0000]	132.4% { 107.7% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03856-ICB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15A (9)
Acquired: 2022/12/15 - 14:15

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 296955	(9.50 , N/A) (N/A , -0.02 , N/A)	366.2	N/A	4.5785 [4.0000]	114.5% { 104.2% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 302168	(9.68 , N/A) (N/A , -0.01 , N/A)	431.7	N/A	5.6058 [4.0000]	140.1% { 118.0% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 484298	(10.57 , N/A) (N/A , 0.00 , N/A)	859.4	N/A	25.1152 [20.0000]	125.6% { 96.7% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 262232	(10.67 , N/A) (N/A , 0.00 , N/A)	1242.2	N/A	25.2539 [20.0000]	126.3% { 99.0% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 780707	(6.49 , N/A) (N/A , -0.02 , N/A)	898.1	N/A	8.8290 [8.0000]	110.4% { 105.0% }			

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03858L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03858-CCB10	PFBA0	.0	ng/mL0	.50	U
	PFPEA0	.0	ng/mL0	.50	U
	PFHXA0	.0	ng/mL0	.50	U
	PFHPA0	.0	ng/mL0	.50	U
	PFOA0	.0	ng/mL0	.50	U
	PFNA0	.0	ng/mL0	.50	U
	PFDA0	.0	ng/mL0	.50	U
	PFUnA0	.0	ng/mL0	.50	U
	PFDOA0	.0	ng/mL0	.50	U
	PFTRDA0	.0	ng/mL0	.50	U
	PFTEDA0	.0	ng/mL0	.50	U
	PFBS0	.0	ng/mL0	.50	U
	PFPES0	.0	ng/mL0	.50	U
	PFHXS0	.0	ng/mL0	.50	U
	PFHPS0	.0	ng/mL0	.50	U
	PFOS0	.0	ng/mL0	.50	U
	PFNS0	.0	ng/mL0	.50	U
	PFDS0	.0	ng/mL0	.50	U
	4:2FTS0	.0	ng/mL0	.50	U
	6:2FTS0	.0	ng/mL0	.50	U
	8:2FTS0	.0	ng/mL0	.50	U
	PFOSA0	.0	ng/mL0	.50	U
	NMeFOSA0	.0	ng/mL0	.50	U
	NEtFOSA0	.0	ng/mL0	.50	U
	NMeFOSAA0	.0	ng/mL0	.50	U
	NEtFOSAA0	.0	ng/mL0	.50	U
	NMeFOSE0	.0	ng/mL0	.50	U
	NEtFOSE0	.0	ng/mL0	.50	U
	HFPO-DA0	.0	ng/mL0	.50	U
	ADONA0	.0	ng/mL0	.50	U
	9CL-PF3ONS0	.0	ng/mL0	.50	U
	11CL-PF3OUDS0	.0	ng/mL0	.50	U
	13C4-PFBA0	8.510	ng/mL0		

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03858L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

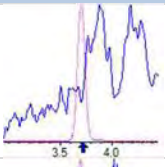
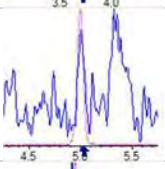
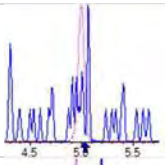
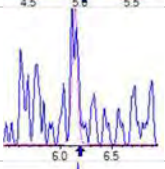
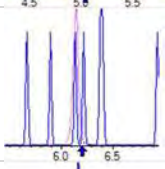
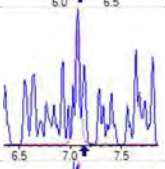
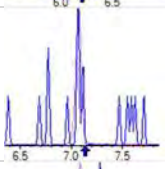
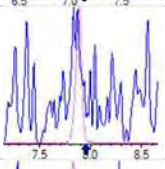
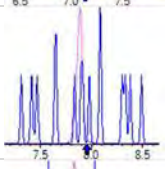
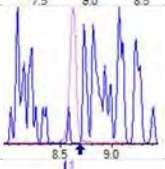
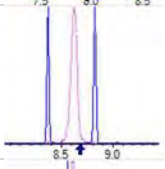
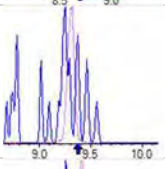
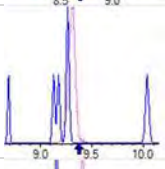
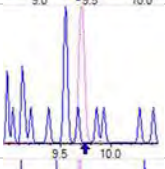
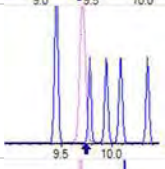
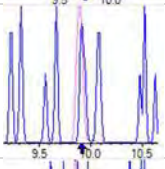
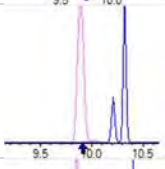
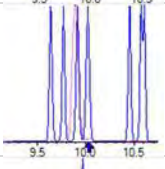
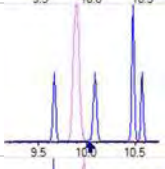
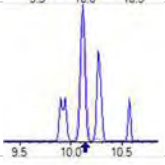
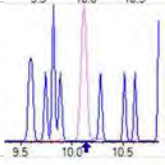
Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03858-CCB10	13C5-PFPEA0	4.420	ng/mL0		
	13C5-PFHXA0	2.320	ng/mL0		
	13C4-PFHPA0	2.020	ng/mL0		
	13C8-PFOA0	2.050	ng/mL0		
	13C9-PFNA0	1.010	ng/mL0		
	13C6-PFDA	0.9790	ng/mL0		
	13C7-PFUnA0	1.060	ng/mL0		
	13C2-PFDOA0	1.080	ng/mL0		
	13C2-PFTEDA0	1.070	ng/mL0		
	13C3-PFBS0	2.060	ng/mL0		
	13C3-PFHXS0	2.180	ng/mL0		
	13C8-PFOS0	1.90	ng/mL0		
	13C2-4:2FTS0	4.340	ng/mL0		
	13C2-6:2FTS0	4.20	ng/mL0		
	13C2-8:2FTS0	3.970	ng/mL0		
	13C8-PFOSA0	2.0	ng/mL0		
	D3-NMEFOSA0	2.070	ng/mL0		
	D5-NETFOSA0	2.090	ng/mL0		
	D3-NMEFOSAA0	3.930	ng/mL0		
	D5-NETFOSAA0	4.220	ng/mL0		
	D7-NMEFOSE0	20.70	ng/mL0		
	D9-NETFOSE0	22.30	ng/mL0		
	13C3-HFPO-DA0	8.680	ng/mL0		

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (1)
Acquired: 2022/12/15 - 14:53

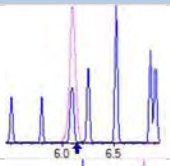
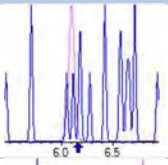
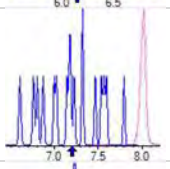
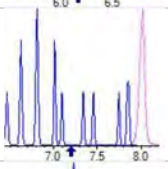
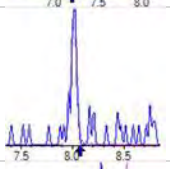
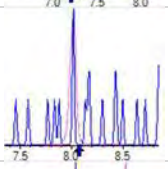
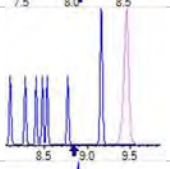
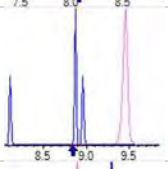
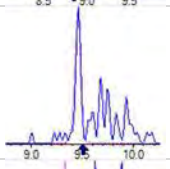
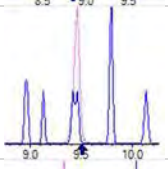
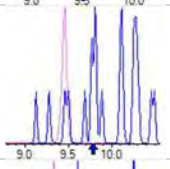
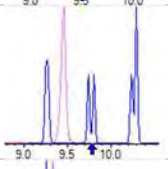
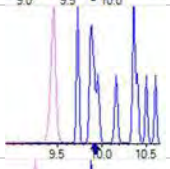
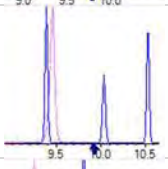
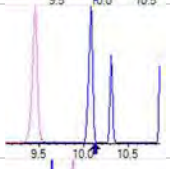
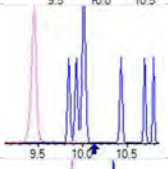
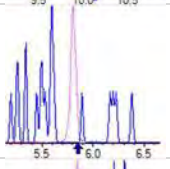
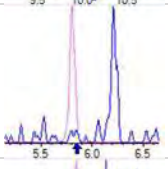
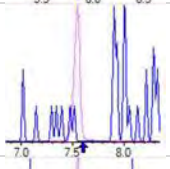
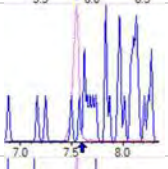
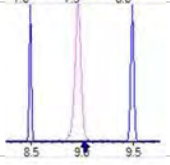
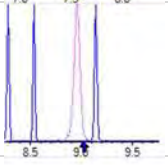
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) N/A (413.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) N/A (563.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) N/A (713.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (1)
Acquired: 2022/12/15 - 14:53

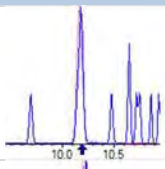
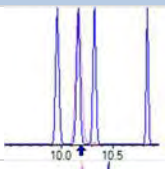
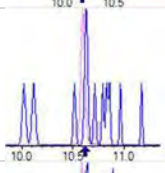
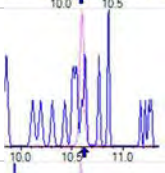
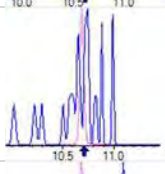
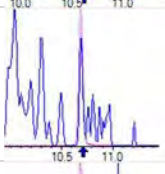
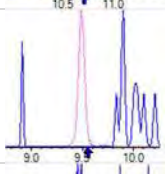
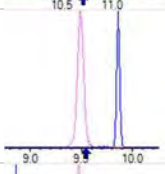
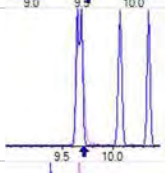
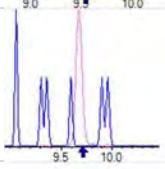
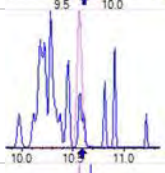
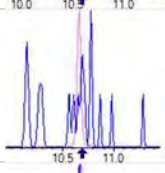
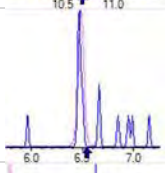
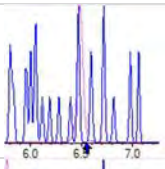
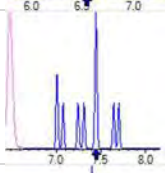
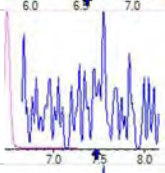
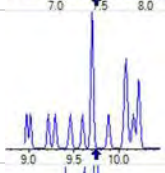
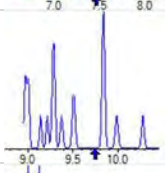
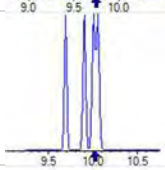
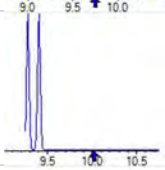
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) N/A (499.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (1)
Acquired: 2022/12/15 - 14:53

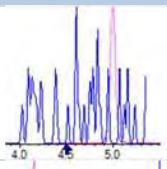
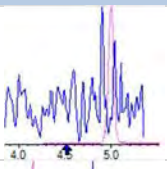
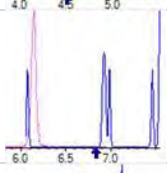
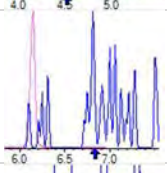
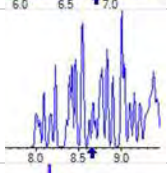
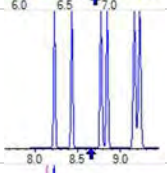
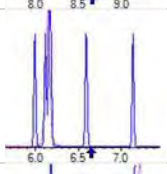
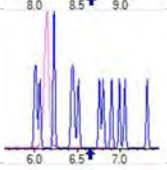
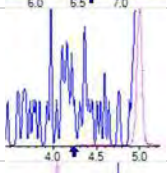
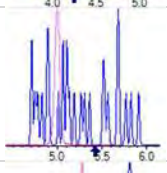
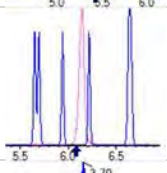
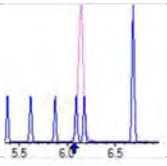
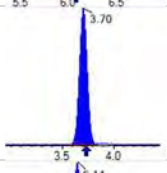
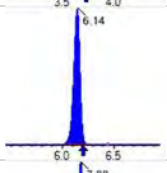
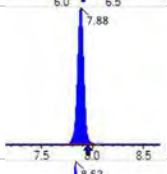
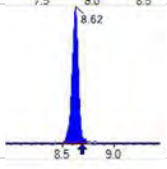
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) N/A (498.0 / 478.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) N/A (584.0 / 526.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSE	(616.1 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSE	(630.0 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (1)
Acquired: 2022/12/15 - 14:53

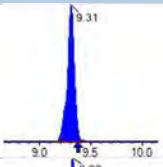
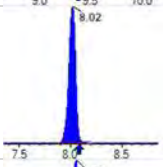
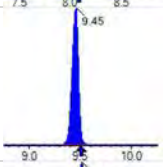
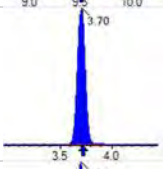
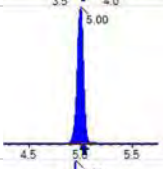
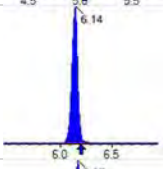
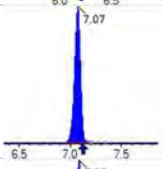
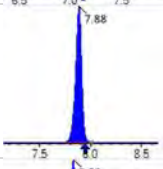
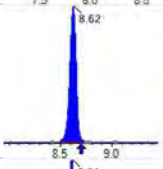
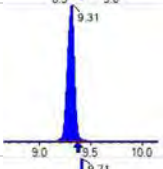
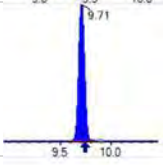
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 88124	(3.70 , N/A) (N/A , -0.01 , N/A)	661.8	N/A	1.0079 [1.0000]	100.8% { 100.8% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 127378	(6.14 , N/A) (N/A , -0.05 , N/A)	716.2	N/A	0.9681 [1.0000]	96.8% { 101.1% }			
13C4_PFOA_IIS	(417.0 / 372.0) 126816	(7.88 , N/A) (N/A , -0.06 , N/A)	803.9	N/A	1.0132 [1.0000]	101.3% { 94.2% }			
13C5_PFNA_IIS	(468.0 / 423.0) 91932	(8.62 , N/A) (N/A , -0.06 , N/A)	359.9	N/A	0.9210 [1.0000]	92.1% { 91.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (1)
Acquired: 2022/12/15 - 14:53

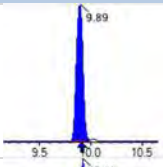
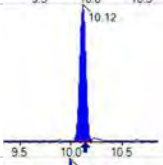
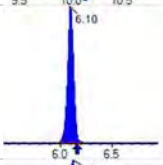
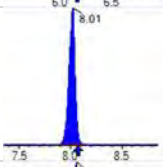
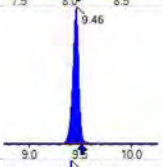
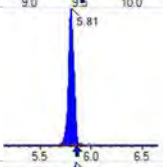
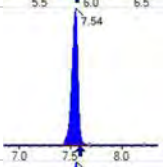
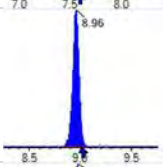
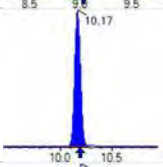
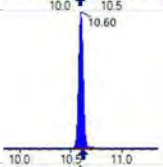
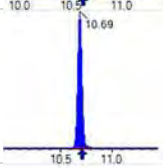
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 108597	(9.31 , N/A) (N/A , -0.06 , N/A)	7554.9	N/A	1.0472 [1.0000]	104.7% { 97.3% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 238150	(8.02 , N/A) (N/A , -0.06 , N/A)	554.6	N/A	1.0066 [1.0000]	100.7% { 97.0% }			
13C4_PFOS_IIS	(502.8 / 79.9) 215985	(9.45 , N/A) (N/A , -0.05 , N/A)	675.4	N/A	1.0766 [1.0000]	107.7% { 103.1% }			
13C4_PFBA_EIS	(217.0 / 172.0) 776283	(3.70 , N/A) (N/A , -0.01 , N/A)	948.6	N/A	8.5084 [8.0000]	106.4% { 104.2% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 414483	(5.00 , N/A) (N/A , -0.03 , N/A)	844.1	N/A	4.4199 [4.0000]	110.5% { 105.7% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 348570	(6.14 , N/A) (N/A , -0.05 , N/A)	960.8	N/A	2.3246 [2.0000]	116.2% { 119.8% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 268027	(7.07 , N/A) (N/A , -0.06 , N/A)	683.2	N/A	2.0232 [2.0000]	101.2% { 96.8% }			
13C8_PFOA_EIS	(421.0 / 376.0) 287243	(7.88 , N/A) (N/A , -0.06 , N/A)	766.6	N/A	2.0498 [2.0000]	102.5% { 107.1% }			
13C9_PFNA_EIS	(472.0 / 427.0) 101869	(8.62 , N/A) (N/A , -0.06 , N/A)	347.5	N/A	1.0144 [1.0000]	101.4% { 95.7% }			
13C6_PFDA_EIS	(519.0 / 474.0) 144067	(9.31 , N/A) (N/A , -0.06 , N/A)	677.2	N/A	0.9790 [1.0000]	97.9% { 108.0% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 224200	(9.71 , N/A) (N/A , -0.03 , N/A)	375.7	N/A	1.0581 [1.0000]	105.8% { 113.5% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (1)
Acquired: 2022/12/15 - 14:53

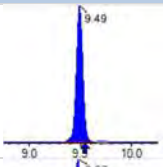
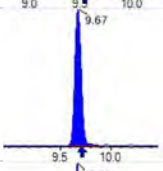
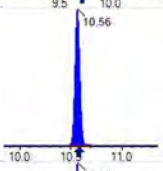
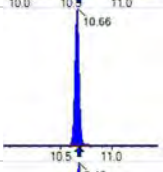
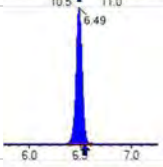
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 258639	(9.89 , N/A) (N/A , -0.02 , N/A)	597.8	N/A	1.0824 [1.0000]	108.2% { 100.4% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 155706	(10.12 , N/A) (N/A , -0.03 , N/A)	419.5	N/A	1.0722 [1.0000]	107.2% { 107.1% }			
13C3_PFBS_EIS	(302.0 / 80.0) 802778	(6.10 , N/A) (N/A , -0.05 , N/A)	919.8	N/A	2.0640 [2.0000]	103.2% { 112.5% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 440071	(8.01 , N/A) (N/A , -0.06 , N/A)	811.4	N/A	2.1817 [2.0000]	109.1% { 108.1% }			
13C8_PFOS_EIS	(507.0 / 80.0) 673157	(9.46 , N/A) (N/A , -0.05 , N/A)	559.4	N/A	1.8973 [2.0000]	94.9% { 118.0% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 95104	(5.81 , N/A) (N/A , -0.05 , N/A)	653.9	N/A	4.3364 [4.0000]	108.4% { 113.0% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 118064	(7.54 , N/A) (N/A , -0.05 , N/A)	591.7	N/A	4.2006 [4.0000]	105.0% { 107.5% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 99966	(8.96 , N/A) (N/A , -0.07 , N/A)	397.8	N/A	3.9673 [4.0000]	99.2% { 119.9% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 1032518	(10.17 , N/A) (N/A , -0.03 , N/A)	589.5	N/A	1.9996 [2.0000]	100.0% { 111.7% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 266097	(10.60 , N/A) (N/A , -0.02 , N/A)	1258.4	N/A	2.0686 [2.0000]	103.4% { 108.1% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 250601	(10.69 , N/A) (N/A , -0.02 , N/A)	1145.8	N/A	2.0863 [2.0000]	104.3% { 101.7% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (1)
Acquired: 2022/12/15 - 14:53

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 326993	(9.49 , N/A) (N/A , -0.05 , N/A)	279.2	N/A	3.9290 [4.0000]	98.2% { 109.4% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 291652	(9.67 , N/A) (N/A , -0.03 , N/A)	339.4	N/A	4.2166 [4.0000]	105.4% { 107.5% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 512825	(10.56 , N/A) (N/A , -0.02 , N/A)	919.6	N/A	20.7253 [20.0000]	103.6% { 102.2% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 296529	(10.66 , N/A) (N/A , -0.02 , N/A)	1102.1	N/A	22.2544 [20.0000]	111.3% { 106.5% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 792438	(6.49 , N/A) (N/A , -0.05 , N/A)	1067.8	N/A	8.6798 [8.0000]	108.5% { 99.9% }			

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03858L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03858-CCB20	PFBA0	.0	ng/mL0	.50	U
	PFPEA0	.0	ng/mL0	.50	U
	PFHXA0	.0	ng/mL0	.50	U
	PFHPA0	.0	ng/mL0	.50	U
	PFOA0	.0	ng/mL0	.50	U
	PFNA0	.0	ng/mL0	.50	U
	PFDA0	.0	ng/mL0	.50	U
	PFUnA0	.0	ng/mL0	.50	U
	PFDOA0	.0	ng/mL0	.50	U
	PFTRDA0	.0	ng/mL0	.50	U
	PFTEDA0	.0	ng/mL0	.50	U
	PFBS0	.0	ng/mL0	.50	U
	PFPES0	.0	ng/mL0	.50	U
	PFHXS0	.0	ng/mL0	.50	U
	PFHPS0	.0	ng/mL0	.50	U
	PFOS0	.0	ng/mL0	.50	U
	PFNS0	.0	ng/mL0	.50	U
	PFDS0	.0	ng/mL0	.50	U
	4:2FTS0	.0	ng/mL0	.50	U
	6:2FTS0	.0	ng/mL0	.50	U
	8:2FTS0	.0	ng/mL0	.50	U
	PFOSA0	.0	ng/mL0	.50	U
	NMeFOSA0	.0	ng/mL0	.50	U
	NEtFOSA0	.0	ng/mL0	.50	U
	NMeFOSAA0	.0	ng/mL0	.50	U
	NEtFOSAA0	.0	ng/mL0	.50	U
	NMeFOSE0	.0	ng/mL0	.50	U
	NEtFOSE0	.0	ng/mL0	.50	U
	HFPO-DA0	.0	ng/mL0	.50	U
	ADONA0	.0	ng/mL0	.50	U
	9CL-PF3ONS0	.0	ng/mL0	.50	U
	11CL-PF3OUDS0	.0	ng/mL0	.50	U
	13C4-PFBA0	7.730	ng/mL0		

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03858L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

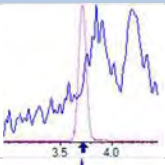
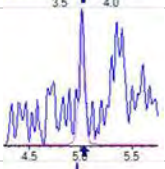
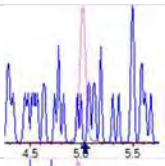
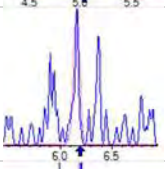
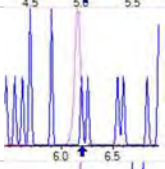
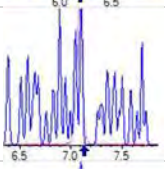
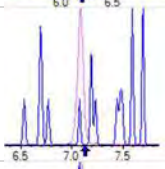
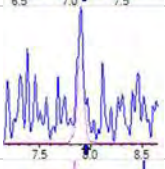
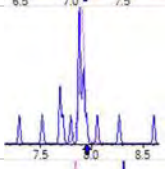
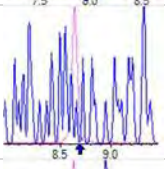
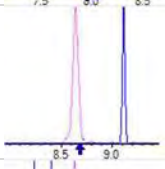
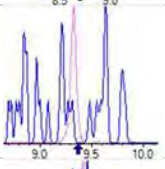
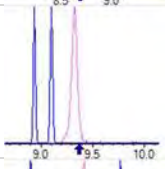
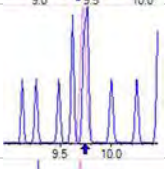
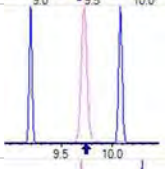
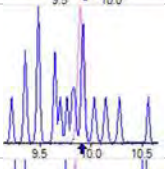
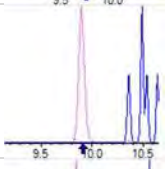
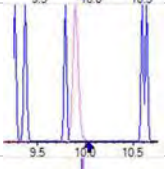
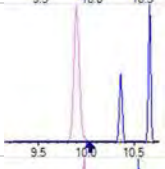
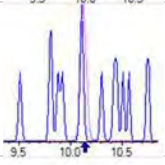
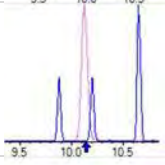
Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03858-CCB20	13C5-PFPEA0	4.250	ng/mL0		
	13C5-PFHXA0	1.950	ng/mL0		
	13C4-PFHPA0	2.010	ng/mL0		
	13C8-PFOA0	1.950	ng/mL0		
	13C9-PFNA0	1.130	ng/mL0		
	13C6-PFDA0	1.150	ng/mL0		
	13C7-PFUnA0	1.140	ng/mL0		
	13C2-PFDOA0	1.220	ng/mL0		
	13C2-PFTEDA0	1.470	ng/mL0		
	13C3-PFBS0	2.020	ng/mL0		
	13C3-PFHXS0	2.070	ng/mL0		
	13C8-PFOS0	2.130	ng/mL0		
	13C2-4:2FTS0	4.060	ng/mL0		
	13C2-6:2FTS0	3.610	ng/mL0		
	13C2-8:2FTS0	4.030	ng/mL0		
	13C8-PFOSA0	2.350	ng/mL0		
	D3-NMEFOSA0	2.210	ng/mL0		
	D5-NETFOSA0	2.30	ng/mL0		
	D3-NMEFOSAA0	4.220	ng/mL0		
	D5-NETFOSAA0	4.590	ng/mL0		
	D7-NMEFOSE0	23.80	ng/mL0		
	D9-NETFOSE0	21.70	ng/mL0		
	13C3-HFPO-DA0	8.040	ng/mL0		

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (4)
Acquired: 2022/12/15 - 15:57

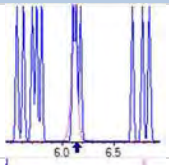
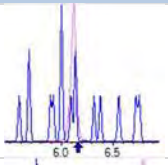
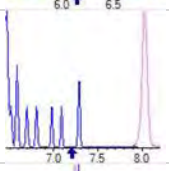
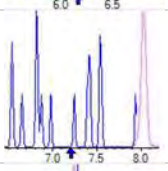
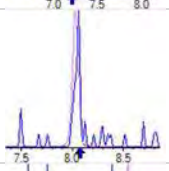
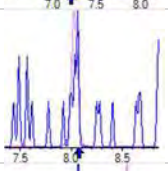
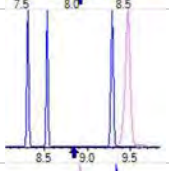
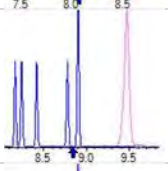
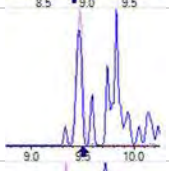
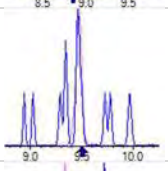
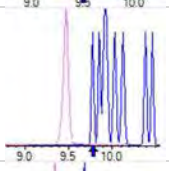
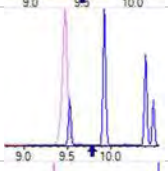
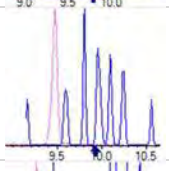
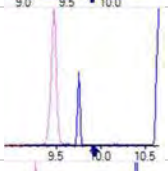
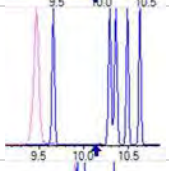
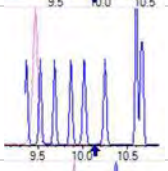
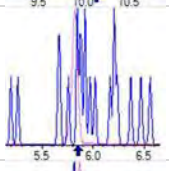
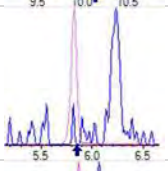
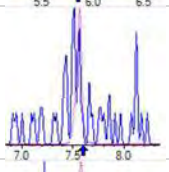
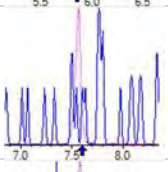
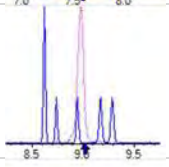
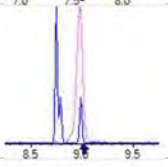
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) N/A (413.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) N/A (563.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) N/A (713.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (4)
Acquired: 2022/12/15 - 15:57

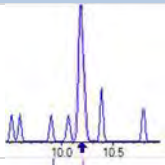
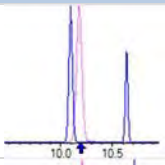
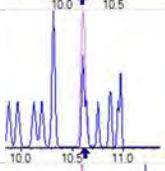
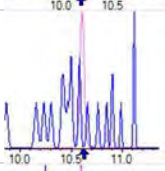
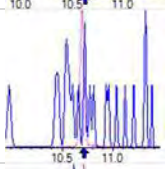
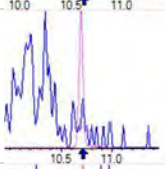
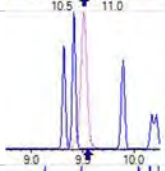
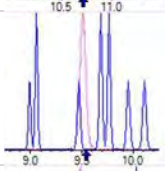
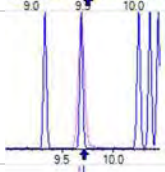
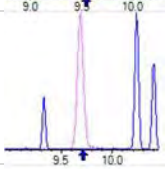
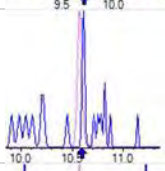
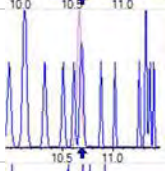
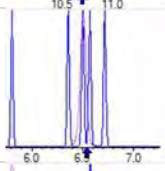
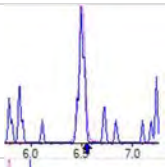
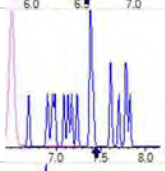
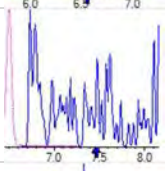
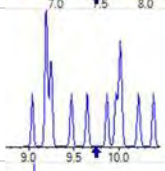
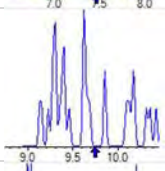
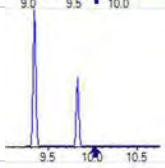
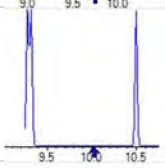
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) N/A (499.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (4)
Acquired: 2022/12/15 - 15:57

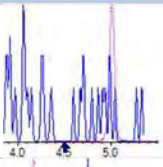
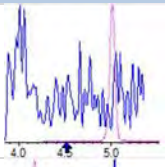
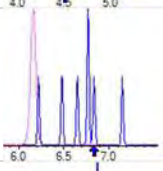
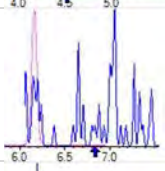
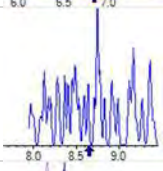
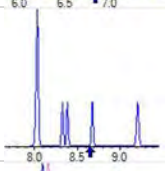
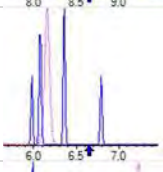
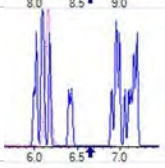
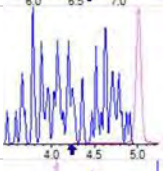
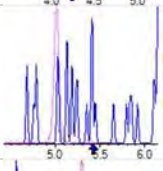
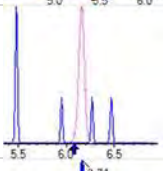
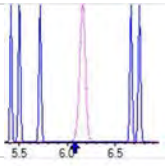
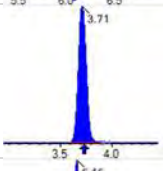
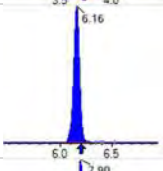
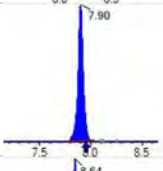
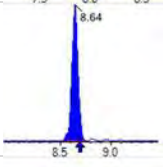
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) N/A (498.0 / 478.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) N/A (584.0 / 526.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSE	(616.1 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSE	(630.0 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (4)
Acquired: 2022/12/15 - 15:57

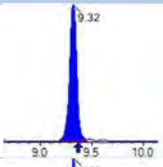
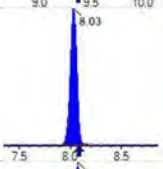
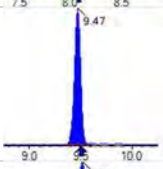
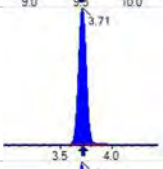
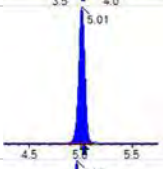
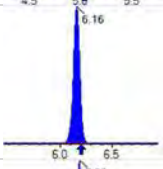
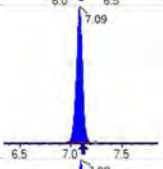
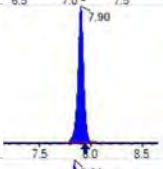
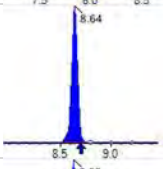
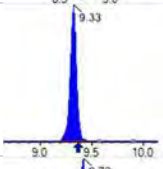
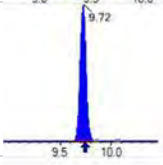
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 86445	(3.71 , N/A) (N/A , -0.01 , N/A)	668.8	N/A	0.9887 [1.0000]	98.9% { 98.8% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 125860	(6.16 , N/A) (N/A , -0.04 , N/A)	514.2	N/A	0.9566 [1.0000]	95.7% { 99.9% }			
13C4_PFOA_IIS	(417.0 / 372.0) 127614	(7.90 , N/A) (N/A , -0.04 , N/A)	559.2	N/A	1.0195 [1.0000]	102.0% { 94.8% }			
13C5_PFNA_IIS	(468.0 / 423.0) 83088	(8.64 , N/A) (N/A , -0.04 , N/A)	382.8	N/A	0.8324 [1.0000]	83.2% { 82.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (4)
Acquired: 2022/12/15 - 15:57

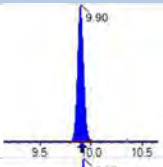
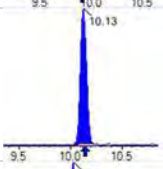
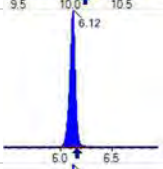
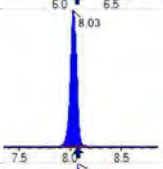
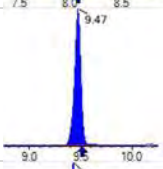
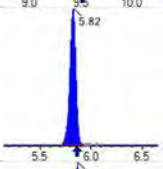
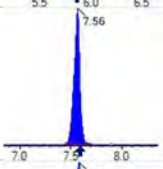
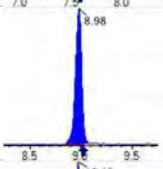
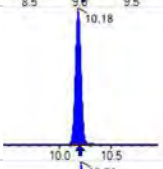
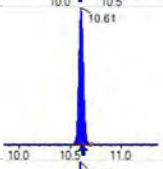
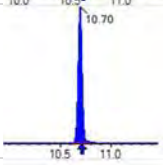
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 90367	(9.32 , N/A) (N/A , -0.04 , N/A)	281.5	N/A	0.8714 [1.0000]	87.1% { 81.0% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 228138	(8.03 , N/A) (N/A , -0.05 , N/A)	733.7	N/A	0.9643 [1.0000]	96.4% { 93.0% }			
13C4_PFOS_IIS	(502.8 / 79.9) 187789	(9.47 , N/A) (N/A , -0.04 , N/A)	260.2	N/A	0.9360 [1.0000]	93.6% { 89.6% }			
13C4_PFBA_EIS	(217.0 / 172.0) 691733	(3.71 , N/A) (N/A , 0.00 , N/A)	1004.1	N/A	7.7290 [8.0000]	96.6% { 92.8% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 393940	(5.01 , N/A) (N/A , -0.02 , N/A)	690.6	N/A	4.2515 [4.0000]	106.3% { 100.4% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 288282	(6.16 , N/A) (N/A , -0.03 , N/A)	985.9	N/A	1.9457 [2.0000]	97.3% { 99.1% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 262597	(7.09 , N/A) (N/A , -0.04 , N/A)	446.4	N/A	2.0061 [2.0000]	100.3% { 94.8% }			
13C8_PFOA_EIS	(421.0 / 376.0) 275305	(7.90 , N/A) (N/A , -0.04 , N/A)	537.5	N/A	1.9523 [2.0000]	97.6% { 102.7% }			
13C9_PFNA_EIS	(472.0 / 427.0) 102447	(8.64 , N/A) (N/A , -0.04 , N/A)	348.5	N/A	1.1288 [1.0000]	112.9% { 96.3% }			
13C6_PFDA_EIS	(519.0 / 474.0) 140550	(9.33 , N/A) (N/A , -0.04 , N/A)	481.3	N/A	1.1478 [1.0000]	114.8% { 105.3% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 201485	(9.72 , N/A) (N/A , -0.02 , N/A)	515.7	N/A	1.1428 [1.0000]	114.3% { 102.0% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (4)
Acquired: 2022/12/15 - 15:57

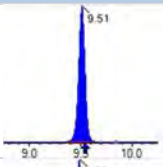
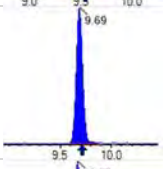
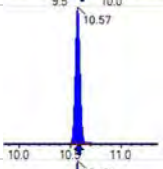
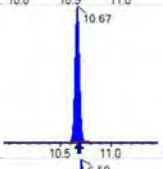
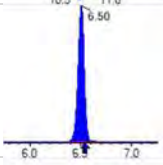
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 242244	(9.90 , N/A) (N/A , -0.01 , N/A)	429.9	N/A	1.2183 [1.0000]	121.8% { 94.1% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 177629	(10.13 , N/A) (N/A , -0.02 , N/A)	30.4	N/A	1.4699 [1.0000]	147.0% { 122.2% }			
13C3_PFBS_EIS	(302.0 / 80.0) 753345	(6.12 , N/A) (N/A , -0.03 , N/A)	730.3	N/A	2.0219 [2.0000]	101.1% { 105.6% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 399239	(8.03 , N/A) (N/A , -0.04 , N/A)	794.1	N/A	2.0662 [2.0000]	103.3% { 98.1% }			
13C8_PFOS_EIS	(507.0 / 80.0) 657076	(9.47 , N/A) (N/A , -0.03 , N/A)	334.1	N/A	2.1301 [2.0000]	106.5% { 115.2% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 85273	(5.82 , N/A) (N/A , -0.04 , N/A)	514.6	N/A	4.0587 [4.0000]	101.5% { 101.3% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 97274	(7.56 , N/A) (N/A , -0.03 , N/A)	714.5	N/A	3.6128 [4.0000]	90.3% { 88.6% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 97293	(8.98 , N/A) (N/A , -0.04 , N/A)	357.8	N/A	4.0307 [4.0000]	100.8% { 116.7% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 1054623	(10.18 , N/A) (N/A , -0.02 , N/A)	847.7	N/A	2.3491 [2.0000]	117.5% { 114.1% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 247339	(10.61 , N/A) (N/A , -0.01 , N/A)	845.8	N/A	2.2115 [2.0000]	110.6% { 100.5% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 240387	(10.70 , N/A) (N/A , -0.01 , N/A)	1084.9	N/A	2.3017 [2.0000]	115.1% { 97.6% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (4)
Acquired: 2022/12/15 - 15:57

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 305338	(9.51 , N/A) (N/A , -0.04 , N/A)	466.4	N/A	4.2197 [4.0000]	105.5% { 102.1% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 276024	(9.69 , N/A) (N/A , -0.02 , N/A)	364.4	N/A	4.5898 [4.0000]	114.7% { 101.7% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 512471	(10.57 , N/A) (N/A , -0.01 , N/A)	991.8	N/A	23.8206 [20.0000]	119.1% { 102.1% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 251863	(10.67 , N/A) (N/A , -0.01 , N/A)	1156.2	N/A	21.7403 [20.0000]	108.7% { 90.4% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 725176	(6.50 , N/A) (N/A , -0.03 , N/A)	1138.4	N/A	8.0388 [8.0000]	100.5% { 91.4% }			

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03858L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03858-CCB30	PFBA0	.0	ng/mL0	.50	U
	PFPEA0	.0	ng/mL0	.50	U
	PFHXA0	.0	ng/mL0	.50	U
	PFHPA0	.0	ng/mL0	.50	U
	PFOA0	.0	ng/mL0	.50	U
	PFNA0	.0	ng/mL0	.50	U
	PFDA0	.0	ng/mL0	.50	U
	PFUnA0	.0	ng/mL0	.50	U
	PFDOA0	.0	ng/mL0	.50	U
	PFTRDA0	.0	ng/mL0	.50	U
	PFTEDA0	.0	ng/mL0	.50	U
	PFBS0	.0	ng/mL0	.50	U
	PFPES0	.0	ng/mL0	.50	U
	PFHXS0	.0	ng/mL0	.50	U
	PFHPS0	.0	ng/mL0	.50	U
	PFOS0	.0	ng/mL0	.50	U
	PFNS0	.0	ng/mL0	.50	U
	PFDS0	.0	ng/mL0	.50	U
	4:2FTS0	.0	ng/mL0	.50	U
	6:2FTS0	.0	ng/mL0	.50	U
	8:2FTS0	.0	ng/mL0	.50	U
	PFOSA0	.0	ng/mL0	.50	U
	NMeFOSA0	.0	ng/mL0	.50	U
	NEtFOSA0	.0	ng/mL0	.50	U
	NMeFOSAA0	.0	ng/mL0	.50	U
	NEtFOSAA0	.0	ng/mL0	.50	U
	NMeFOSE0	.0	ng/mL0	.50	U
	NEtFOSE0	.0	ng/mL0	.50	U
	HFPO-DA0	.0	ng/mL0	.50	U
	ADONA0	.0	ng/mL0	.50	U
	9CL-PF3ONS0	.0	ng/mL0	.50	U
	11CL-PF3OUDS0	.0	ng/mL0	.50	U
	13C4-PFBA0	7.380	ng/mL0		

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03858L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

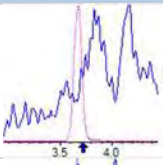
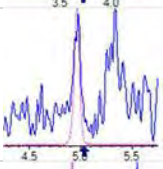
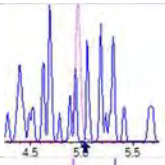
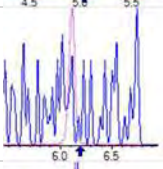
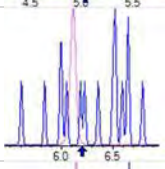
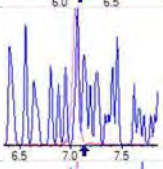
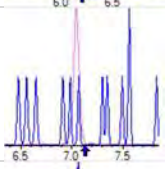
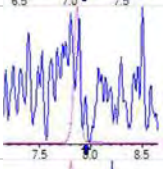
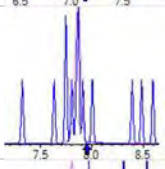
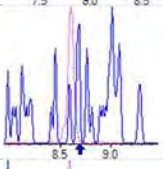
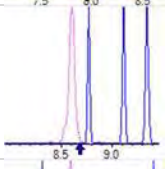
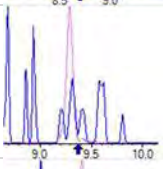
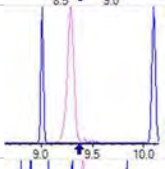
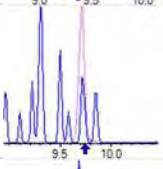
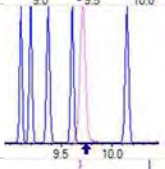
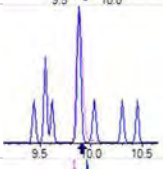
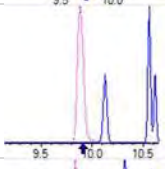
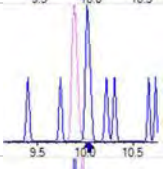
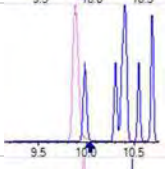
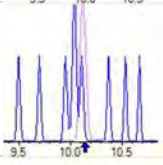
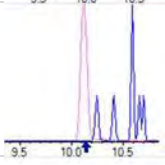
Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03858-CCB30	13C5-PFPEA0	4.20	ng/mL0		
	13C5-PFHXA0	1.90	ng/mL0		
	13C4-PFHPA0	1.960	ng/mL0		
	13C8-PFOA0	1.910	ng/mL0		
	13C9-PFNA	0.9470	ng/mL0		
	13C6-PFDA0	1.070	ng/mL0		
	13C7-PFUnA0	1.180	ng/mL0		
	13C2-PFDOA0	1.290	ng/mL0		
	13C2-PFTEDA0	1.250	ng/mL0		
	13C3-PFBS0	2.260	ng/mL0		
	13C3-PFHXS0	2.110	ng/mL0		
	13C8-PFOS0	2.080	ng/mL0		
	13C2-4:2FTS0	4.190	ng/mL0		
	13C2-6:2FTS0	4.20	ng/mL0		
	13C2-8:2FTS0	4.050	ng/mL0		
	13C8-PFOSA0	2.310	ng/mL0		
	D3-NMEFOSA0	2.320	ng/mL0		
	D5-NETFOSA0	2.380	ng/mL0		
	D3-NMEFOSAA0	3.960	ng/mL0		
	D5-NETFOSAA0	4.290	ng/mL0		
	D7-NMEFOSE0	24.50	ng/mL0		
	D9-NETFOSE0	23.30	ng/mL0		
	13C3-HFPO-DA0	8.110	ng/mL0		

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (26)
Acquired: 2022/12/15 - 20:36

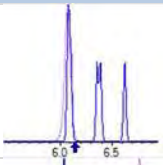
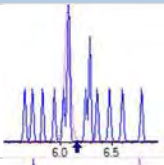
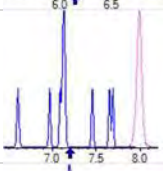
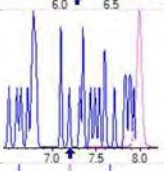
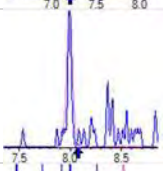
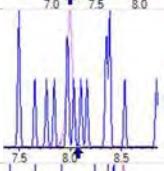
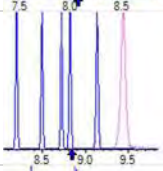
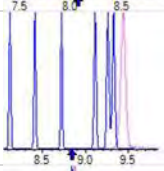
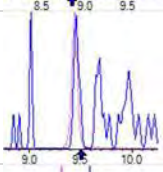
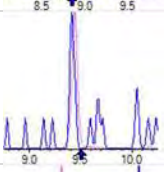
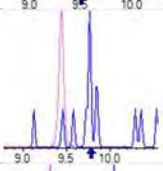
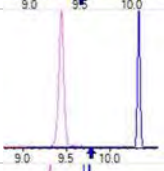
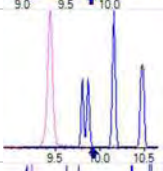
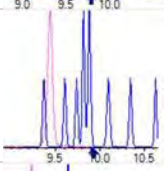
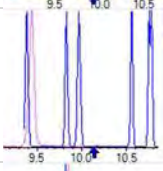
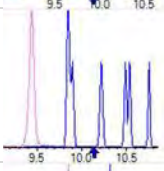
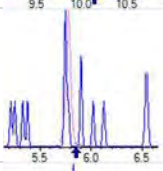
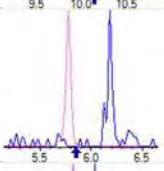
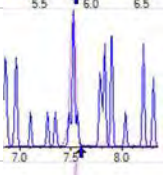
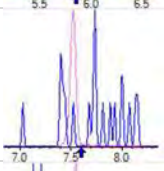
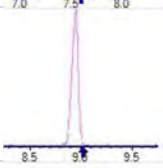
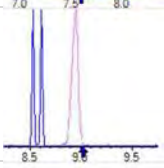
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) N/A (413.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) N/A (563.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) N/A (713.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (26)
Acquired: 2022/12/15 - 20:36

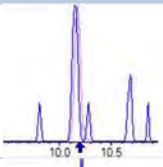
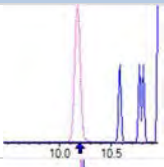
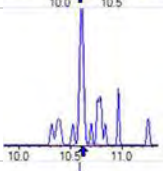
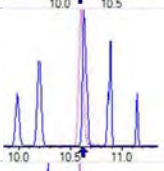
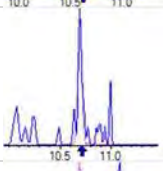
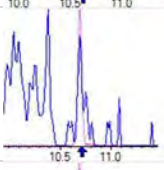
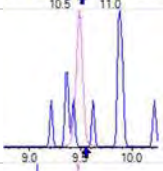
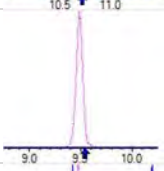
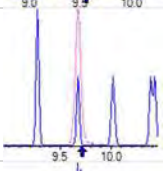
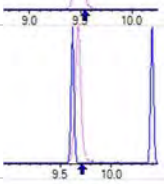
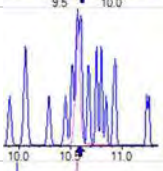
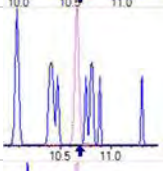
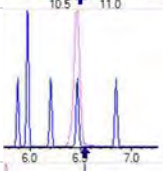
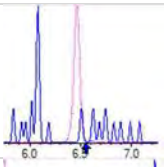
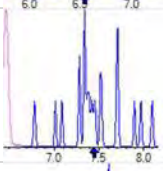
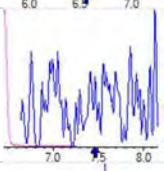
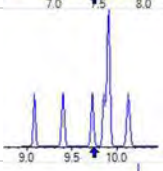
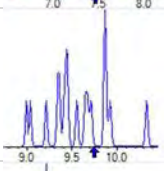
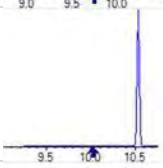
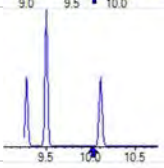
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) N/A (499.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (26)
Acquired: 2022/12/15 - 20:36

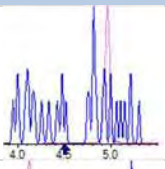
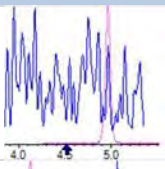
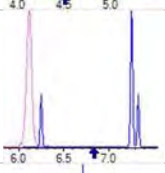
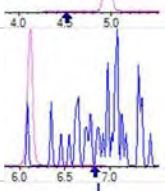
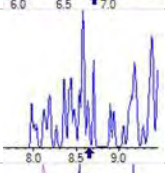
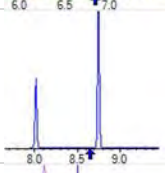
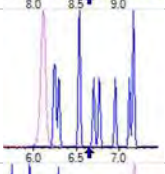
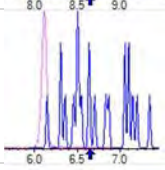
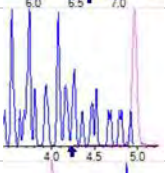
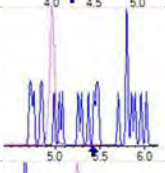
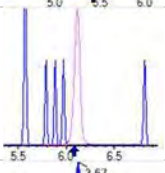
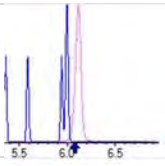
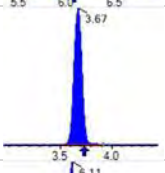
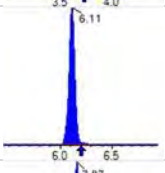
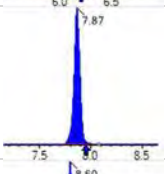
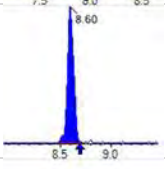
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) N/A (498.0 / 478.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) N/A (584.0 / 526.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSE	(616.1 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSE	(630.0 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (26)
Acquired: 2022/12/15 - 20:36

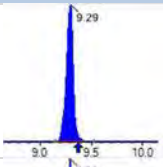
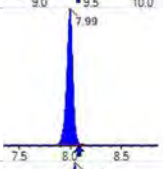
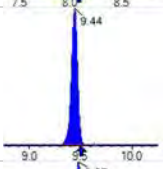
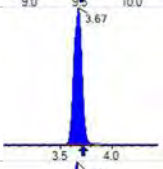
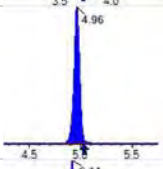
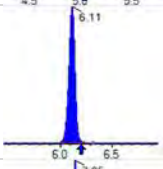
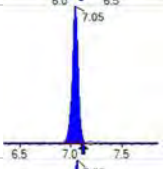
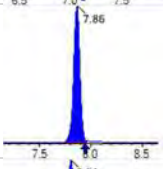
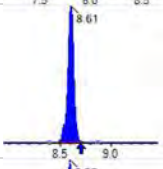
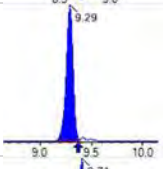
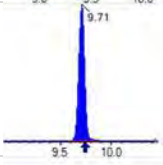
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 85519	(3.67 , N/A) (N/A , -0.05 , N/A)	771.1	N/A	0.9781 [1.0000]	97.8% { 97.8% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 124881	(6.11 , N/A) (N/A , -0.08 , N/A)	497.5	N/A	0.9491 [1.0000]	94.9% { 99.1% }			
13C4_PFOA_IIS	(417.0 / 372.0) 119043	(7.87 , N/A) (N/A , -0.08 , N/A)	694.4	N/A	0.9511 [1.0000]	95.1% { 88.4% }			
13C5_PFNA_IIS	(468.0 / 423.0) 91533	(8.60 , N/A) (N/A , -0.09 , N/A)	386.9	N/A	0.9170 [1.0000]	91.7% { 90.6% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (26)
Acquired: 2022/12/15 - 20:36

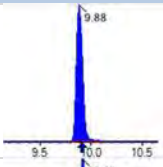
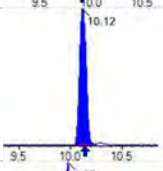
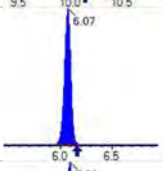
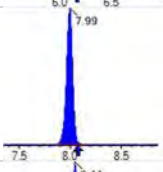
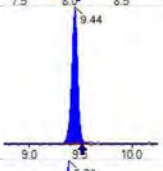
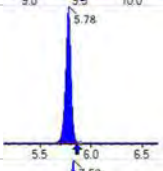
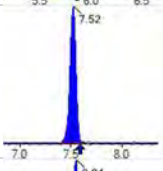
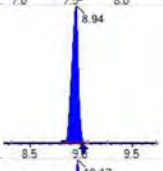
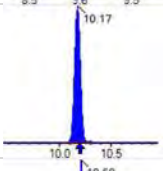
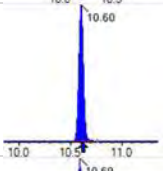
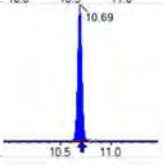
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 84101	(9.29 , N/A) (N/A , -0.08 , N/A)	416.1	N/A	0.8110 [1.0000]	81.1% { 75.4% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 205445	(7.99 , N/A) (N/A , -0.08 , N/A)	1020.6	N/A	0.8684 [1.0000]	86.8% { 83.7% }			
13C4_PFOS_IIS	(502.8 / 79.9) 184408	(9.44 , N/A) (N/A , -0.07 , N/A)	390.1	N/A	0.9192 [1.0000]	91.9% { 88.0% }			
13C4_PFBA_EIS	(217.0 / 172.0) 653454	(3.67 , N/A) (N/A , -0.05 , N/A)	666.8	N/A	7.3804 [8.0000]	92.3% { 87.7% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 386117	(4.96 , N/A) (N/A , -0.07 , N/A)	957.1	N/A	4.1997 [4.0000]	105.0% { 98.4% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 278686	(6.11 , N/A) (N/A , -0.08 , N/A)	730.8	N/A	1.8957 [2.0000]	94.8% { 95.8% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 254095	(7.05 , N/A) (N/A , -0.08 , N/A)	491.1	N/A	1.9563 [2.0000]	97.8% { 91.7% }			
13C8_PFOA_EIS	(421.0 / 376.0) 251101	(7.86 , N/A) (N/A , -0.08 , N/A)	766.0	N/A	1.9089 [2.0000]	95.4% { 93.6% }			
13C9_PFNA_EIS	(472.0 / 427.0) 94666	(8.61 , N/A) (N/A , -0.08 , N/A)	364.3	N/A	0.9468 [1.0000]	94.7% { 88.9% }			
13C6_PFDA_EIS	(519.0 / 474.0) 122050	(9.29 , N/A) (N/A , -0.08 , N/A)	312.1	N/A	1.0710 [1.0000]	107.1% { 91.5% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 194013	(9.71 , N/A) (N/A , -0.03 , N/A)	456.9	N/A	1.1824 [1.0000]	118.2% { 98.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (26)
Acquired: 2022/12/15 - 20:36

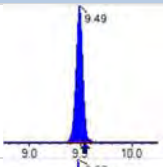
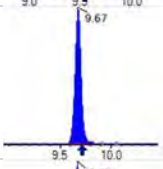
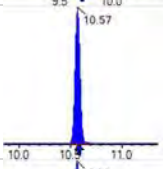
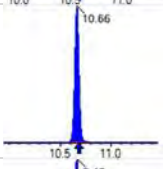
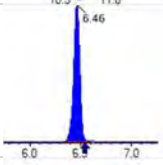
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 238897	(9.88 , N/A) (N/A , -0.02 , N/A)	435.5	N/A	1.2910 [1.0000]	129.1% { 92.8% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 140783	(10.12 , N/A) (N/A , -0.02 , N/A)	444.4	N/A	1.2518 [1.0000]	125.2% { 96.8% }			
13C3_PFBS_EIS	(302.0 / 80.0) 758308	(6.07 , N/A) (N/A , -0.08 , N/A)	950.0	N/A	2.2600 [2.0000]	113.0% { 106.3% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 367312	(7.99 , N/A) (N/A , -0.08 , N/A)	916.3	N/A	2.1109 [2.0000]	105.5% { 90.3% }			
13C8_PFOS_EIS	(507.0 / 80.0) 630522	(9.44 , N/A) (N/A , -0.06 , N/A)	456.0	N/A	2.0815 [2.0000]	104.1% { 110.6% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 79358	(5.78 , N/A) (N/A , -0.08 , N/A)	670.4	N/A	4.1944 [4.0000]	104.9% { 94.3% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 101923	(7.52 , N/A) (N/A , -0.08 , N/A)	703.8	N/A	4.2037 [4.0000]	105.1% { 92.8% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 87928	(8.94 , N/A) (N/A , -0.08 , N/A)	451.8	N/A	4.0450 [4.0000]	101.1% { 105.4% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 1017800	(10.17 , N/A) (N/A , -0.02 , N/A)	1207.6	N/A	2.3087 [2.0000]	115.4% { 110.1% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 254630	(10.60 , N/A) (N/A , -0.02 , N/A)	1021.4	N/A	2.3184 [2.0000]	115.9% { 103.5% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 244577	(10.69 , N/A) (N/A , -0.02 , N/A)	1221.7	N/A	2.3848 [2.0000]	119.2% { 99.3% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (26)
Acquired: 2022/12/15 - 20:36

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 281551	(9.49 , N/A) (N/A , -0.06 , N/A)	587.3	N/A	3.9623 [4.0000]	99.1% { 94.2% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 253257	(9.67 , N/A) (N/A , -0.03 , N/A)	387.8	N/A	4.2884 [4.0000]	107.2% { 93.3% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 517273	(10.57 , N/A) (N/A , -0.02 , N/A)	982.3	N/A	24.4847 [20.0000]	122.4% { 103.1% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 265608	(10.66 , N/A) (N/A , -0.02 , N/A)	1173.8	N/A	23.3471 [20.0000]	116.7% { 95.4% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 726309	(6.46 , N/A) (N/A , -0.08 , N/A)	894.0	N/A	8.1145 [8.0000]	101.4% { 91.6% }			

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03858L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03858-CCB40	PFBA0	.0	ng/mL0	.50	U
	PFPEA0	.0	ng/mL0	.50	U
	PFHXA0	.0	ng/mL0	.50	U
	PFHPA0	.0	ng/mL0	.50	U
	PFOA0	.01260	ng/mL0	.50	U
	PFNA0	.0	ng/mL0	.50	U
	PFDA0	.0	ng/mL0	.50	U
	PFUnA0	.0	ng/mL0	.50	U
	PFDOA0	.0	ng/mL0	.50	U
	PFTRDA0	.0	ng/mL0	.50	U
	PFTEDA0	.0	ng/mL0	.50	U
	PFBS0	.0	ng/mL0	.50	U
	PFPES0	.0	ng/mL0	.50	U
	PFHXS0	.0	ng/mL0	.50	U
	PFHPS0	.0	ng/mL0	.50	U
	PFOS0	.02010	ng/mL0	.50	U
	PFNS0	.0	ng/mL0	.50	U
	PFDS0	.0	ng/mL0	.50	U
	4:2FTS0	.0	ng/mL0	.50	U
	6:2FTS0	.0	ng/mL0	.50	U
	8:2FTS0	.0	ng/mL0	.50	U
	PFOSA0	.0	ng/mL0	.50	U
	NMeFOSA0	.0	ng/mL0	.50	U
	NEtFOSA0	.0	ng/mL0	.50	U
	NMeFOSAA0	.0	ng/mL0	.50	U
	NEtFOSAA0	.0	ng/mL0	.50	U
	NMeFOSE0	.0	ng/mL0	.50	U
	NEtFOSE0	.0	ng/mL0	.50	U
	HFPO-DA0	.0	ng/mL0	.50	U
	ADONA0	.0	ng/mL0	.50	U
	9CL-PF3ONS0	.0	ng/mL0	.50	U
	11CL-PF3OUDS0	.0	ng/mL0	.50	U
	13C4-PFBA0	7.860	ng/mL0		

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03858L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

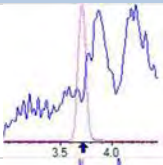
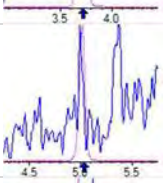
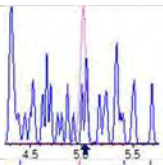
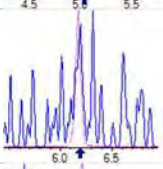
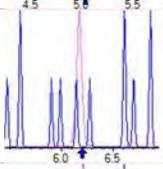
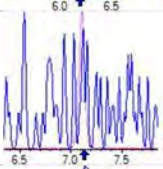
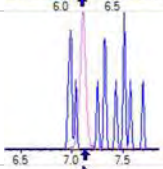
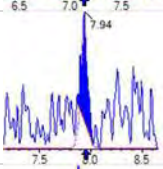
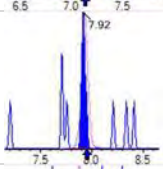
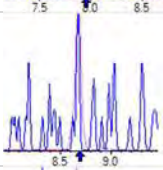
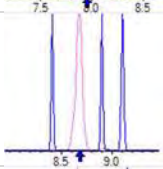
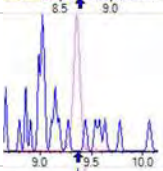
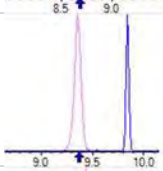
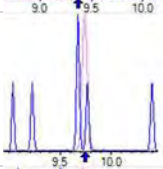
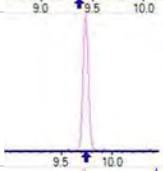
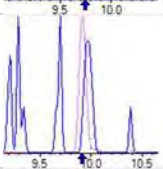
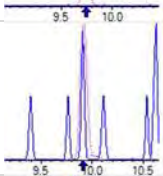
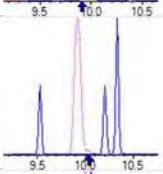
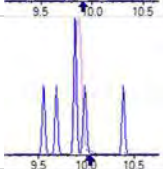
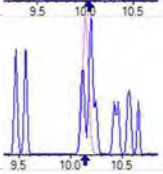
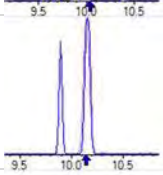
Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03858-CCB40	13C5-PFPEA0	4.080	ng/mL0		
	13C5-PFHXA0	2.0	ng/mL0		
	13C4-PFHPA0	1.880	ng/mL0		
	13C8-PFOA0	1.840	ng/mL0		
	13C9-PFNA0	1.020	ng/mL0		
	13C6-PFDA0	1.050	ng/mL0		
	13C7-PFUnA	0.9520	ng/mL0		
	13C2-PFDOA	0.7870	ng/mL0		
	13C2-PFTEDA0	1.110	ng/mL0		
	13C3-PFBS0	2.160	ng/mL0		
	13C3-PFHXS0	2.040	ng/mL0		
	13C8-PFOS0	1.980	ng/mL0		
	13C2-4:2FTS0	4.620	ng/mL0		
	13C2-6:2FTS0	3.940	ng/mL0		
	13C2-8:2FTS0	3.990	ng/mL0		
	13C8-PFOSA0	2.330	ng/mL0		
	D3-NMEFOSA0	2.370	ng/mL0		
	D5-NETFOSA0	2.670	ng/mL0		
	D3-NMEFOSAA0	4.650	ng/mL0		
	D5-NETFOSAA0	4.630	ng/mL0		
	D7-NMEFOSE0	24.50	ng/mL0		
	D9-NETFOSE0	23.30	ng/mL0		
	13C3-HFPO-DA0	8.30	ng/mL0		

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (38)
Acquired: 2022/12/15 - 23:09

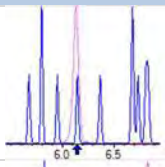
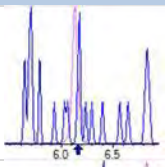
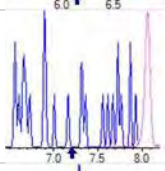
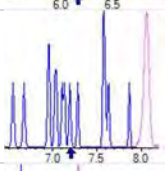
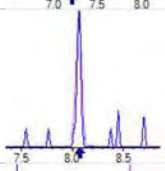
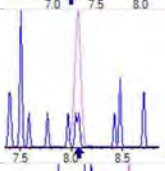
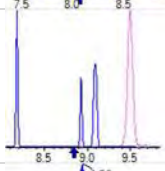
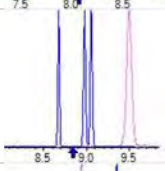
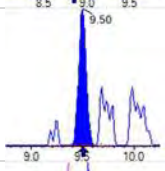
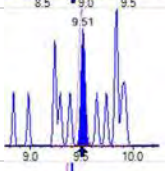
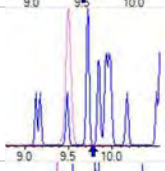
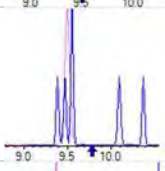
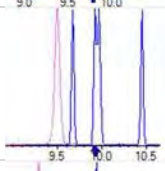
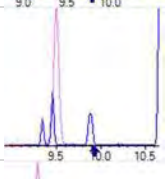
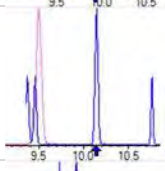
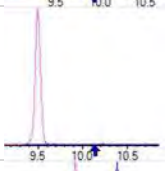
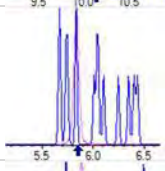
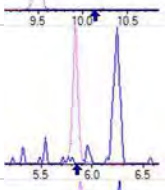
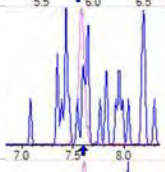
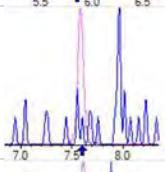
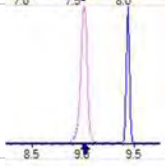
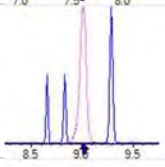
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) 1455 (413.0 / 169.0) 426	(7.94 , 1.00) (0.01 , N/A , 1.2)	8.7 36.9	0.2929 87.0 93.3	0.0126	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) N/A (563.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) N/A (713.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (38)
Acquired: 2022/12/15 - 23:09

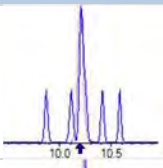
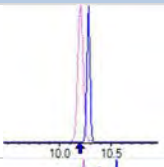
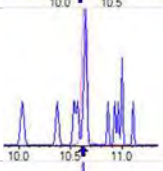
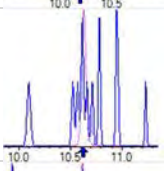
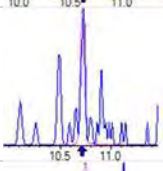
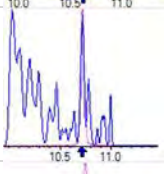
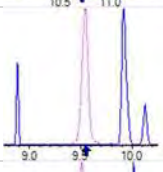
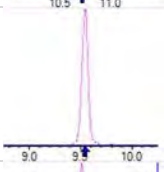
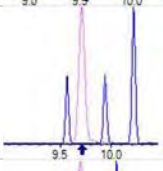
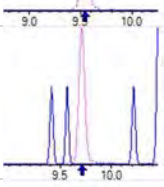
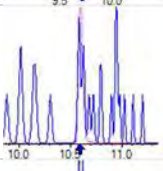
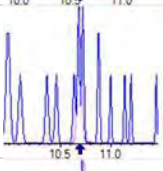
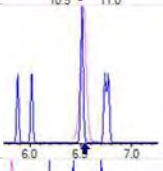
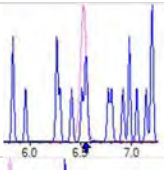
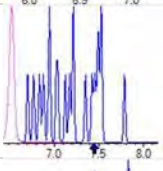
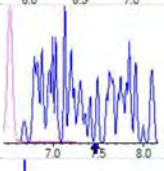
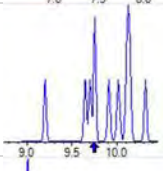
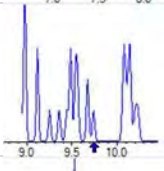
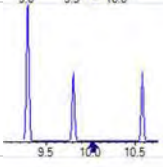
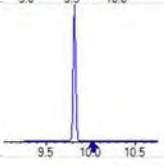
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) 6067 (499.0 / 99.0) 822	(9.50 , 1.00) (0.00 , N/A , -0.9)	18.8 9.5	0.1354 59.2 58.5	0.0201	N/A			
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (38)
Acquired: 2022/12/15 - 23:09

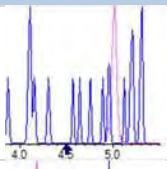
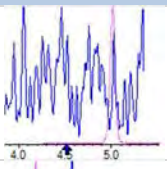
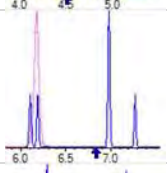
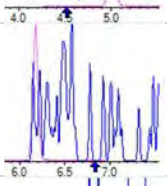
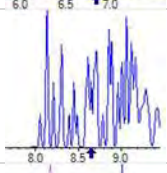
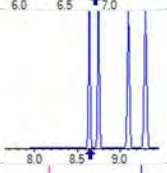
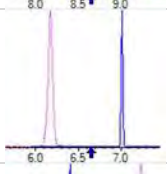
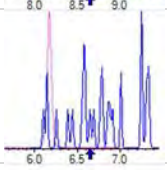
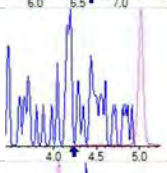
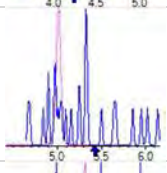
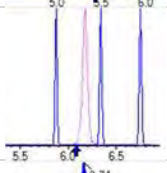
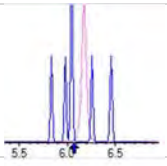
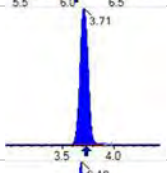
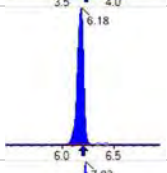
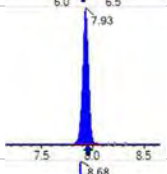
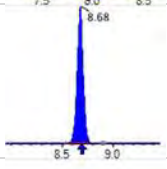
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) N/A (498.0 / 478.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) N/A (584.0 / 526.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSE	(616.1 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSE	(630.0 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (38)
Acquired: 2022/12/15 - 23:09

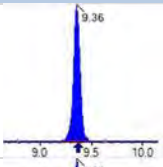
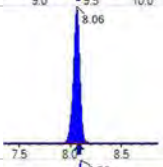
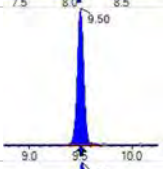
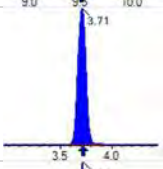
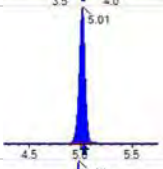
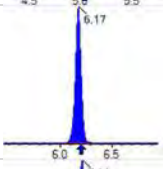
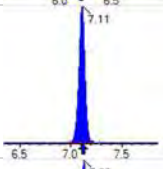
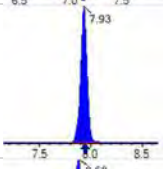
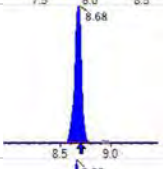
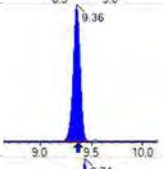
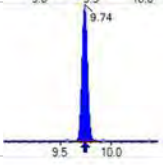
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 78524	(3.71 , N/A) (N/A , -0.01 , N/A)	682.4	N/A	0.8981 [1.0000]	89.8% { 89.8% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 121511	(6.18 , N/A) (N/A , -0.02 , N/A)	512.5	N/A	0.9235 [1.0000]	92.4% { 96.5% }			
13C4_PFOA_IIS	(417.0 / 372.0) 119900	(7.93 , N/A) (N/A , -0.01 , N/A)	421.1	N/A	0.9579 [1.0000]	95.8% { 89.0% }			
13C5_PFNA_IIS	(468.0 / 423.0) 86100	(8.68 , N/A) (N/A , -0.01 , N/A)	434.7	N/A	0.8626 [1.0000]	86.3% { 85.2% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (38)
Acquired: 2022/12/15 - 23:09

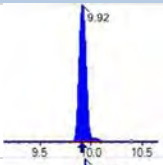
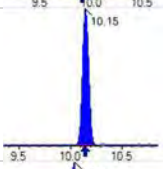
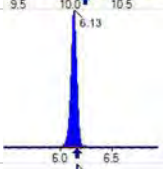
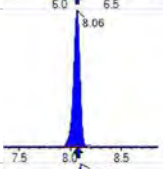
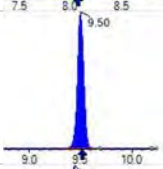
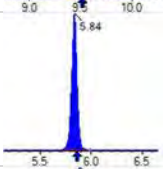
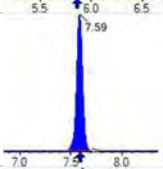
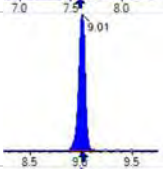
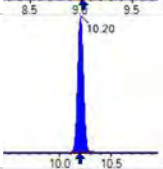
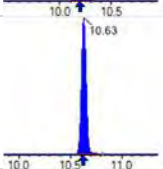
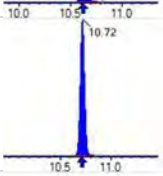
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 104601	(9.36 , N/A) (N/A , -0.01 , N/A)	543.9	N/A	1.0087 [1.0000]	100.9% { 93.7% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 221651	(8.06 , N/A) (N/A , -0.02 , N/A)	930.4	N/A	0.9369 [1.0000]	93.7% { 90.3% }			
13C4_PFOS_IIS	(502.8 / 79.9) 168773	(9.50 , N/A) (N/A , -0.01 , N/A)	363.1	N/A	0.8413 [1.0000]	84.1% { 80.5% }			
13C4_PFBA_EIS	(217.0 / 172.0) 638857	(3.71 , N/A) (N/A , -0.01 , N/A)	838.2	N/A	7.8583 [8.0000]	98.2% { 85.7% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 365396	(5.01 , N/A) (N/A , -0.02 , N/A)	813.2	N/A	4.0845 [4.0000]	102.1% { 93.2% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 285612	(6.17 , N/A) (N/A , -0.02 , N/A)	522.1	N/A	1.9967 [2.0000]	99.8% { 98.2% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 237493	(7.11 , N/A) (N/A , -0.02 , N/A)	746.3	N/A	1.8792 [2.0000]	94.0% { 85.7% }			
13C8_PFOA_EIS	(421.0 / 376.0) 243833	(7.93 , N/A) (N/A , -0.01 , N/A)	925.0	N/A	1.8404 [2.0000]	92.0% { 90.9% }			
13C9_PFNA_EIS	(472.0 / 427.0) 95692	(8.68 , N/A) (N/A , -0.01 , N/A)	286.2	N/A	1.0175 [1.0000]	101.7% { 89.9% }			
13C6_PFDA_EIS	(519.0 / 474.0) 149453	(9.36 , N/A) (N/A , -0.01 , N/A)	404.0	N/A	1.0544 [1.0000]	105.4% { 112.0% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 194311	(9.74 , N/A) (N/A , 0.00 , N/A)	423.5	N/A	0.9521 [1.0000]	95.2% { 98.4% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A MITRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (38)
Acquired: 2022/12/15 - 23:09

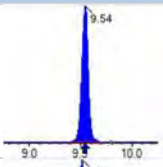
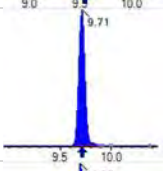
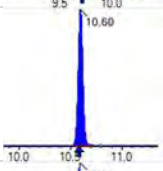
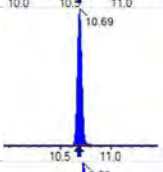
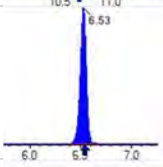
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 181165	(9.92 , N/A) (N/A , 0.01 , N/A)	438.4	N/A	0.7871 [1.0000]	78.7% { 70.3% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 155201	(10.15 , N/A) (N/A , 0.01 , N/A)	422.2	N/A	1.1095 [1.0000]	111.0% { 106.8% }			
13C3_PFBS_EIS	(302.0 / 80.0) 783347	(6.13 , N/A) (N/A , -0.02 , N/A)	1016.5	N/A	2.1639 [2.0000]	108.2% { 109.8% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 382039	(8.06 , N/A) (N/A , -0.01 , N/A)	817.7	N/A	2.0350 [2.0000]	101.8% { 93.9% }			
13C8_PFOS_EIS	(507.0 / 80.0) 548578	(9.50 , N/A) (N/A , -0.01 , N/A)	339.4	N/A	1.9787 [2.0000]	98.9% { 96.2% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 94359	(5.84 , N/A) (N/A , -0.02 , N/A)	646.5	N/A	4.6227 [4.0000]	115.6% { 112.1% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 103167	(7.59 , N/A) (N/A , -0.01 , N/A)	560.3	N/A	3.9439 [4.0000]	98.6% { 93.9% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 93658	(9.01 , N/A) (N/A , -0.01 , N/A)	377.4	N/A	3.9936 [4.0000]	99.8% { 112.3% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 938709	(10.20 , N/A) (N/A , 0.01 , N/A)	1411.1	N/A	2.3265 [2.0000]	116.3% { 101.5% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 237755	(10.63 , N/A) (N/A , 0.01 , N/A)	686.8	N/A	2.3653 [2.0000]	118.3% { 96.6% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 250677	(10.72 , N/A) (N/A , 0.01 , N/A)	1237.0	N/A	2.6707 [2.0000]	133.5% { 101.8% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METRI GROUP COMPANY

Chemist: DAG
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03858-CCB4
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - 2022-12-15A
Path: S2022-12-15B (38)
Acquired: 2022/12/15 - 23:09

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 302670	(9.54 , N/A) (N/A , 0.00 , N/A)	532.4	N/A	4.6540 [4.0000]	116.4% { 101.3% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 250172	(9.71 , N/A) (N/A , 0.00 , N/A)	285.0	N/A	4.6286 [4.0000]	115.7% { 92.2% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 473310	(10.60 , N/A) (N/A , 0.01 , N/A)	713.7	N/A	24.4791 [20.0000]	122.4% { 94.3% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 242384	(10.69 , N/A) (N/A , 0.01 , N/A)	994.0	N/A	23.2793 [20.0000]	116.4% { 87.0% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 722461	(6.53 , N/A) (N/A , -0.01 , N/A)	1315.6	N/A	8.2954 [8.0000]	103.7% { 91.1% }			

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03860L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03860-CCB10	PFBA0	.0	ng/mL0	.40	U
	PFPEA0	.0	ng/mL0	.20	U
	PFHXA0	.0	ng/mL0	.10	U
	PFHPA0	.0	ng/mL0	.10	U
	PFOA0	.0	ng/mL0	.10	U
	PFNA0	.0	ng/mL0	.10	U
	PFDA0	.0	ng/mL0	.10	U
	PFUnA0	.0	ng/mL0	.10	U
	PFDOA0	.0	ng/mL0	.10	U
	PFTRDA0	.0	ng/mL0	.10	U
	PFTEDA0	.0	ng/mL0	.10	U
	PFBS0	.0	ng/mL0	.10	U
	PFPES0	.0	ng/mL0	.10	U
	PFHXS0	.0	ng/mL0	.10	U
	PFHPS0	.0	ng/mL0	.10	U
	PFOS0	.0	ng/mL0	.10	U
	PFNS0	.0	ng/mL0	.10	U
	PFDS0	.0	ng/mL0	.10	U
	4:2FTS0	.0	ng/mL0	.40	U
	6:2FTS0	.0	ng/mL0	.40	U
	8:2FTS0	.0	ng/mL0	.40	U
	PFOSA0	.0	ng/mL0	.40	U
	NMeFOSA0	.0	ng/mL0	.40	U
	NEtFOSA0	.0	ng/mL0	.40	U
	NMeFOSAA0	.0	ng/mL0	.10	U
	NEtFOSAA0	.0	ng/mL0	.10	U
	NMeFOSE0	.0	ng/mL0	.40	U
	NEtFOSE0	.0	ng/mL0	.40	U
	HFPO-DA0	.0	ng/mL0	.20	U
	ADONA0	.0	ng/mL0	.20	U
	9CL-PF3ONS0	.0	ng/mL0	.20	U
	11CL-PF3OUDS0	.0	ng/mL0	.20	U
	13C4-PFBA0	8.010	ng/mL0		

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03860L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

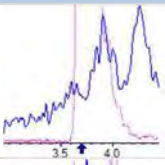
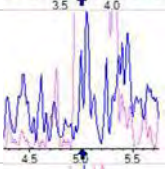
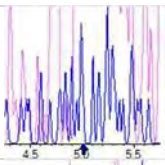
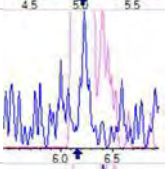
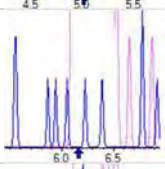
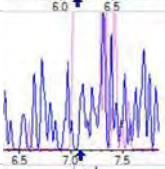
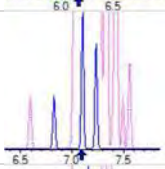
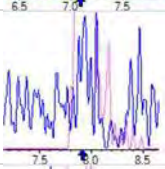
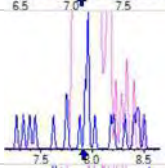
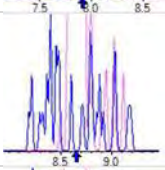
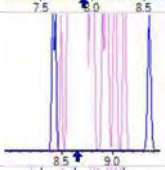
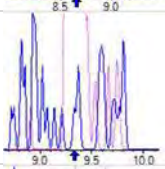
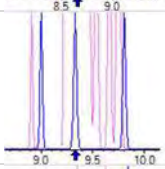
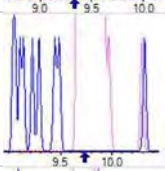
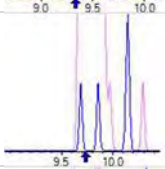
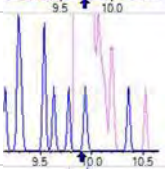
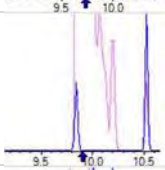
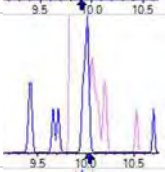
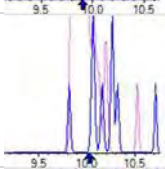
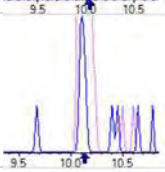
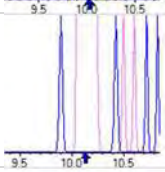
Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03860-CCB10	13C5-PFPEA0	4.350	ng/mL0		
	13C5-PFHXA0	2.060	ng/mL0		
	13C4-PFHPA0	2.230	ng/mL0		
	13C8-PFOA0	1.980	ng/mL0		
	13C9-PFNA0	1.070	ng/mL0		
	13C6-PFDA0	1.050	ng/mL0		
	13C7-PFUnA	0.9350	ng/mL0		
	13C2-PFDOA	0.9810	ng/mL0		
	13C2-PFTEDA	0.9740	ng/mL0		
	13C3-PFBS0	2.230	ng/mL0		
	13C3-PFHXS0	2.070	ng/mL0		
	13C8-PFOS0	2.220	ng/mL0		
	13C2-4:2FTS0	4.550	ng/mL0		
	13C2-6:2FTS0	3.950	ng/mL0		
	13C2-8:2FTS0	3.740	ng/mL0		
	13C8-PFOSA0	2.470	ng/mL0		
	D3-NMEFOSA0	2.380	ng/mL0		
	D5-NETFOSA0	2.60	ng/mL0		
	D3-NMEFOSAA0	4.40	ng/mL0		
	D5-NETFOSAA0	5.370	ng/mL0		
	D7-NMEFOSE0	23.90	ng/mL0		
	D9-NETFOSE0	24.70	ng/mL0		
	13C3-HFPO-DA0	9.050	ng/mL0		

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (1)
Acquired: 2022/12/15 - 23:34

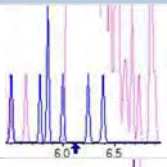
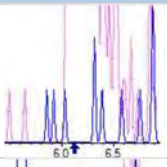
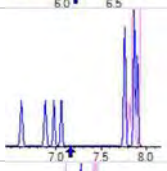
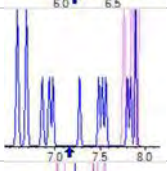
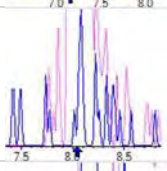
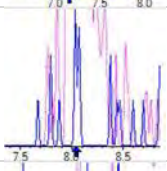
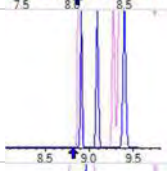
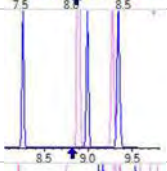
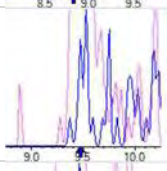
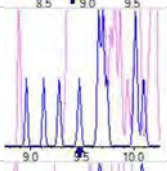
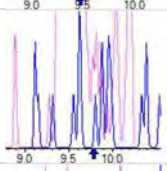
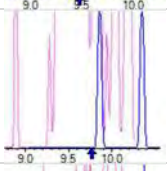
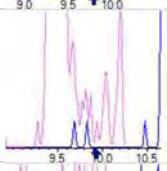
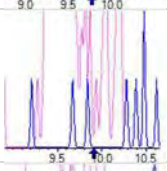
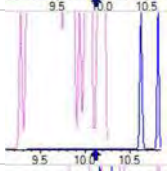
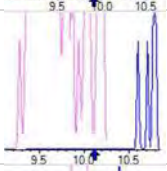
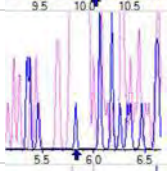
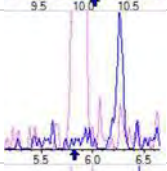
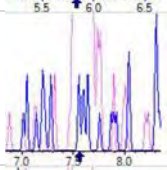
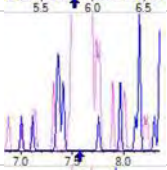
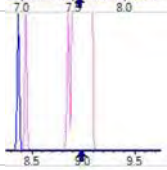
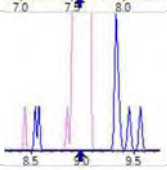
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) N/A (413.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) N/A (563.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) N/A (713.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (1)
Acquired: 2022/12/15 - 23:34

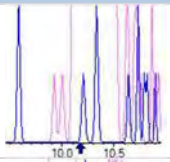
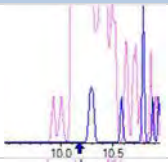
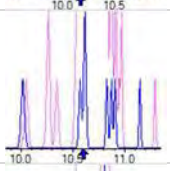
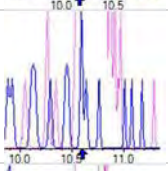
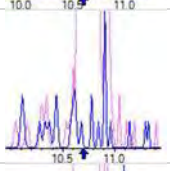
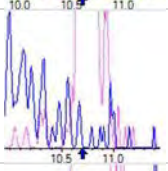
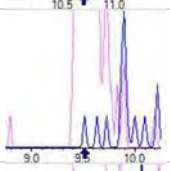
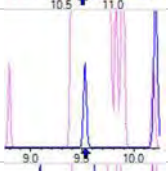
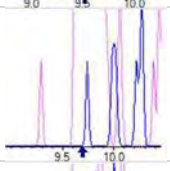
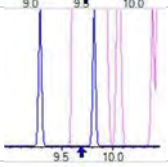
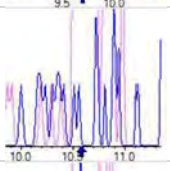
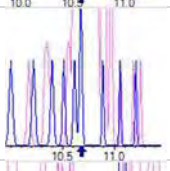
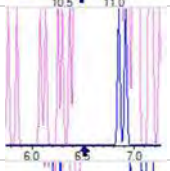
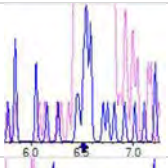
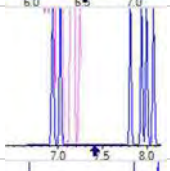
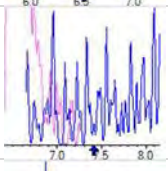
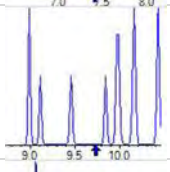
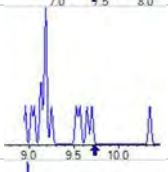
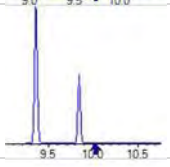
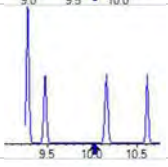
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) N/A (499.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (1)
Acquired: 2022/12/15 - 23:34

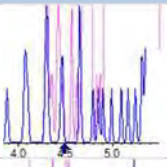
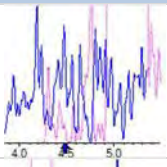
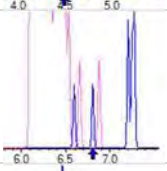
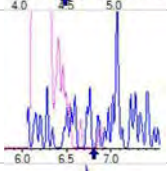
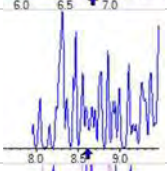
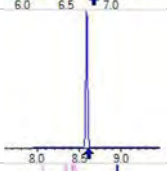
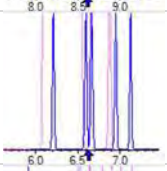
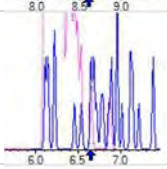
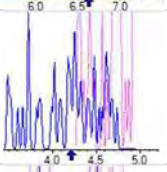
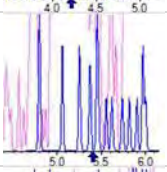
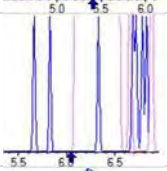
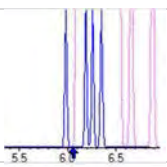
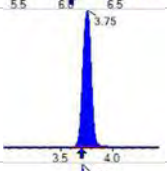
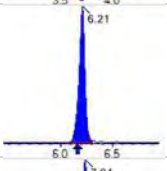
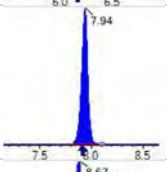
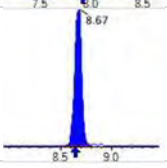
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) N/A (498.0 / 478.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) N/A (584.0 / 526.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSE	(616.1 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSE	(630.0 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (1)
Acquired: 2022/12/15 - 23:34

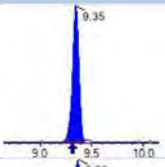
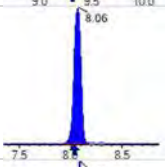
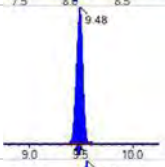
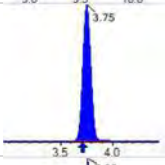
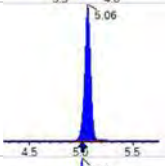
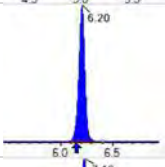
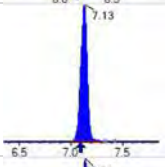
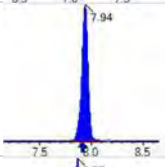
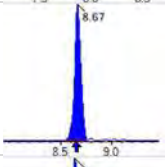
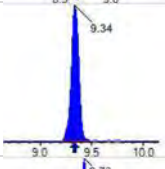
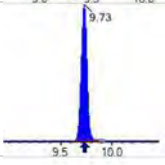
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 83007	(3.75 , N/A) (N/A , 0.07 , N/A)	654.3	N/A	0.9494 [1.0000]	94.9% { 99.8% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 119661	(6.21 , N/A) (N/A , 0.07 , N/A)	455.6	N/A	0.9094 [1.0000]	90.9% { 90.6% }			
13C4_PFOA_IIS	(417.0 / 372.0) 119671	(7.94 , N/A) (N/A , 0.06 , N/A)	580.2	N/A	0.9561 [1.0000]	95.6% { 97.7% }			
13C5_PFNA_IIS	(468.0 / 423.0) 83069	(8.67 , N/A) (N/A , 0.06 , N/A)	329.4	N/A	0.8322 [1.0000]	83.2% { 86.3% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (1)
Acquired: 2022/12/15 - 23:34

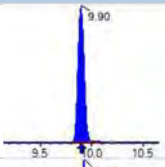
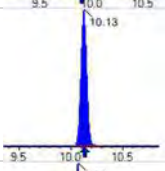
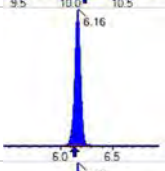
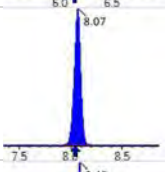
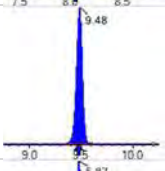
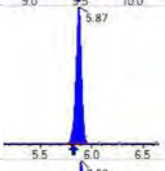
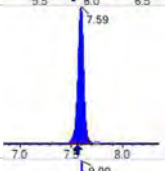
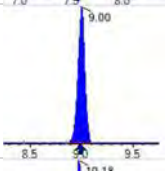
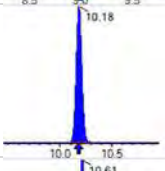
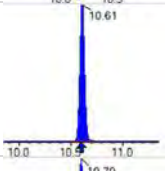
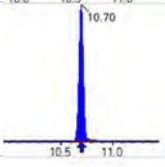
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 96231	(9.35 , N/A) (N/A , 0.05 , N/A)	387.2	N/A	0.9280 [1.0000]	92.8% { 96.4% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 209546	(8.06 , N/A) (N/A , 0.06 , N/A)	670.7	N/A	0.8857 [1.0000]	88.6% { 94.4% }			
13C4_PFOS_IIS	(502.8 / 79.9) 168499	(9.48 , N/A) (N/A , 0.05 , N/A)	584.9	N/A	0.8399 [1.0000]	84.0% { 85.2% }			
13C4_PFBA_EIS	(217.0 / 172.0) 688446	(3.75 , N/A) (N/A , 0.07 , N/A)	786.2	N/A	8.0109 [8.0000]	100.1% { 102.5% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 383382	(5.06 , N/A) (N/A , 0.08 , N/A)	836.0	N/A	4.3519 [4.0000]	108.8% { 100.7% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 290820	(6.20 , N/A) (N/A , 0.07 , N/A)	429.4	N/A	2.0645 [2.0000]	103.2% { 102.1% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 277407	(7.13 , N/A) (N/A , 0.07 , N/A)	491.1	N/A	2.2290 [2.0000]	111.5% { 106.1% }			
13C8_PFOA_EIS	(421.0 / 376.0) 262069	(7.94 , N/A) (N/A , 0.06 , N/A)	494.7	N/A	1.9818 [2.0000]	99.1% { 104.0% }			
13C9_PFNA_EIS	(472.0 / 427.0) 97326	(8.67 , N/A) (N/A , 0.05 , N/A)	282.9	N/A	1.0726 [1.0000]	107.3% { 103.3% }			
13C6_PFDA_EIS	(519.0 / 474.0) 137473	(9.34 , N/A) (N/A , 0.05 , N/A)	312.2	N/A	1.0543 [1.0000]	105.4% { 105.2% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 175628	(9.73 , N/A) (N/A , 0.03 , N/A)	359.7	N/A	0.9354 [1.0000]	93.5% { 117.4% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (1)
Acquired: 2022/12/15 - 23:34

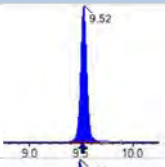
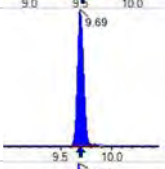
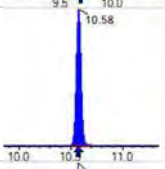
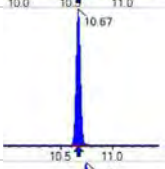
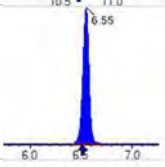
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 207652	(9.90 , N/A) (N/A , 0.02 , N/A)	436.3	N/A	0.9807 [1.0000]	98.1% { 85.8% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 125340	(10.13 , N/A) (N/A , 0.01 , N/A)	932.9	N/A	0.9740 [1.0000]	97.4% { 94.5% }			
13C3_PFBS_EIS	(302.0 / 80.0) 763836	(6.16 , N/A) (N/A , 0.07 , N/A)	1057.5	N/A	2.2319 [2.0000]	111.6% { 102.6% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 368050	(8.07 , N/A) (N/A , 0.06 , N/A)	962.0	N/A	2.0738 [2.0000]	103.7% { 102.2% }			
13C8_PFOS_EIS	(507.0 / 80.0) 614634	(9.48 , N/A) (N/A , 0.05 , N/A)	629.6	N/A	2.2206 [2.0000]	111.0% { 99.1% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 87781	(5.87 , N/A) (N/A , 0.07 , N/A)	517.9	N/A	4.5488 [4.0000]	113.7% { 96.3% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 97707	(7.59 , N/A) (N/A , 0.06 , N/A)	668.0	N/A	3.9509 [4.0000]	98.8% { 88.1% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 82959	(9.00 , N/A) (N/A , 0.06 , N/A)	850.8	N/A	3.7417 [4.0000]	93.5% { 77.8% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 993988	(10.18 , N/A) (N/A , 0.02 , N/A)	743.1	N/A	2.4675 [2.0000]	123.4% { 108.7% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 239309	(10.61 , N/A) (N/A , 0.01 , N/A)	884.7	N/A	2.3847 [2.0000]	119.2% { 99.2% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 243925	(10.70 , N/A) (N/A , 0.01 , N/A)	974.0	N/A	2.6030 [2.0000]	130.1% { 103.8% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB1
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (1)
Acquired: 2022/12/15 - 23:34

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-Imin, ΔRT-CVmin, ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration True ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 285993	(9.52 , N/A) (N/A , 0.04 , N/A)	385.5	N/A	4.4048 [4.0000]	110.1% { 104.1% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 290024	(9.69 , N/A) (N/A , 0.02 , N/A)	444.6	N/A	5.3747 [4.0000]	134.4% { 119.7% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 461617	(10.58 , N/A) (N/A , 0.01 , N/A)	825.9	N/A	23.9132 [20.0000]	119.6% { 100.3% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 256574	(10.67 , N/A) (N/A , 0.01 , N/A)	1572.7	N/A	24.6824 [20.0000]	123.4% { 94.6% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 775946	(6.55 , N/A) (N/A , 0.07 , N/A)	1188.3	N/A	9.0472 [8.0000]	113.1% { 108.7% }			

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03860L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03860-CCB20	PFBA0	.0	ng/mL0	.40	U
	PFPEA0	.0	ng/mL0	.20	U
	PFHXA0	.0	ng/mL0	.10	U
	PFHPA0	.0	ng/mL0	.10	U
	PFOA0	.0	ng/mL0	.10	U
	PFNA0	.0	ng/mL0	.10	U
	PFDA0	.0	ng/mL0	.10	U
	PFUnA0	.0	ng/mL0	.10	U
	PFDOA0	.0	ng/mL0	.10	U
	PFTRDA0	.0	ng/mL0	.10	U
	PFTEDA0	.0	ng/mL0	.10	U
	PFBS0	.0	ng/mL0	.10	U
	PFPES0	.0	ng/mL0	.10	U
	PFHXS0	.0	ng/mL0	.10	U
	PFHPS0	.0	ng/mL0	.10	U
	PFOS0	.0	ng/mL0	.10	U
	PFNS0	.0	ng/mL0	.10	U
	PFDS0	.0	ng/mL0	.10	U
	4:2FTS0	.0	ng/mL0	.40	U
	6:2FTS0	.0	ng/mL0	.40	U
	8:2FTS0	.0	ng/mL0	.40	U
	PFOSA0	.0	ng/mL0	.40	U
	NMeFOSA0	.0	ng/mL0	.40	U
	NEtFOSA0	.0	ng/mL0	.40	U
	NMeFOSAA0	.0	ng/mL0	.10	U
	NEtFOSAA0	.0	ng/mL0	.10	U
	NMeFOSE0	.0	ng/mL0	.40	U
	NEtFOSE0	.0	ng/mL0	.40	U
	HFPO-DA0	.0	ng/mL0	.20	U
	ADONA0	.0	ng/mL0	.20	U
	9CL-PF3ONS0	.0	ng/mL0	.20	U
	11CL-PF3OUDS0	.0	ng/mL0	.20	U
	13C4-PFBA0	8.060	ng/mL0		

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03860L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

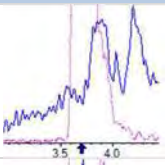
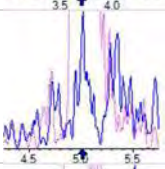
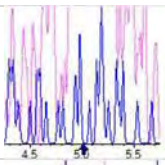
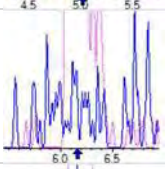
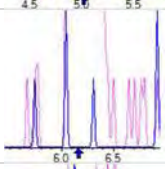
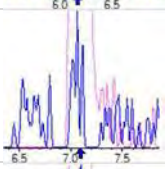
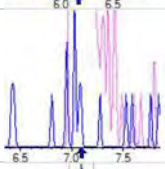
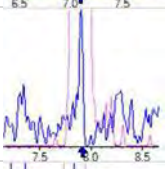
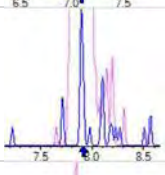
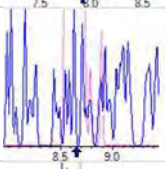
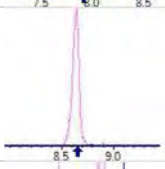
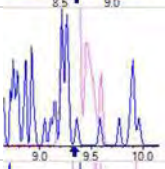
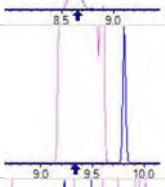
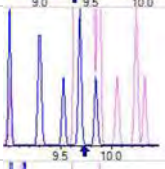
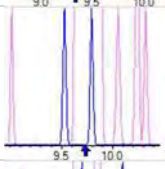
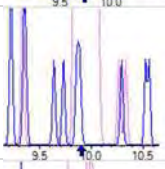
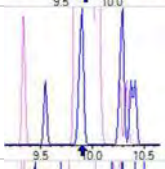
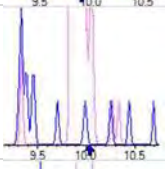
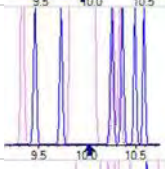
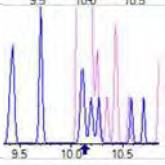
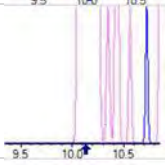
Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03860-CCB20	13C5-PFPEA0	4.0	ng/mL0		
	13C5-PFHXA0	1.860	ng/mL0		
	13C4-PFHPA0	1.990	ng/mL0		
	13C8-PFOA0	1.990	ng/mL0		
	13C9-PFNA0	1.020	ng/mL0		
	13C6-PFDA0	1.020	ng/mL0		
	13C7-PFUnA0	1.020	ng/mL0		
	13C2-PFDOA	0.9280	ng/mL0		
	13C2-PFTEDA	0.9910	ng/mL0		
	13C3-PFBS0	2.030	ng/mL0		
	13C3-PFHXS0	2.150	ng/mL0		
	13C8-PFOS0	2.040	ng/mL0		
	13C2-4:2FTS0	4.520	ng/mL0		
	13C2-6:2FTS0	4.320	ng/mL0		
	13C2-8:2FTS0	4.510	ng/mL0		
	13C8-PFOSA0	2.180	ng/mL0		
	D3-NMEFOSA0	2.410	ng/mL0		
	D5-NETFOSA0	2.660	ng/mL0		
	D3-NMEFOSAA0	5.230	ng/mL0		
	D5-NETFOSAA0	4.630	ng/mL0		
	D7-NMEFOSE0	25.70	ng/mL0		
	D9-NETFOSE0	25.10	ng/mL0		
	13C3-HFPO-DA0	7.30	ng/mL0		

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (4)
Acquired: 2022/12/16 - 00:38

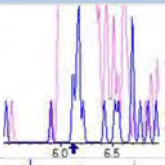
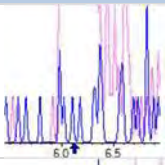
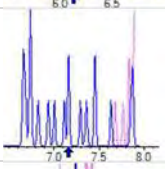
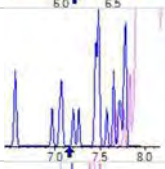
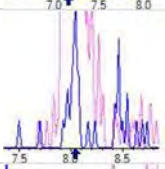
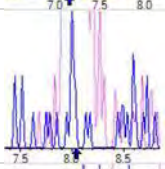
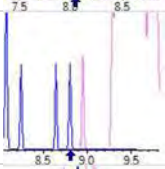
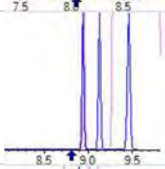
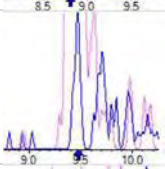
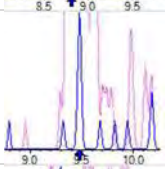
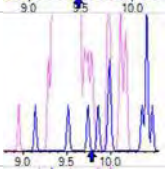
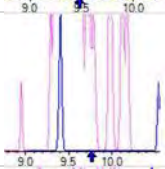
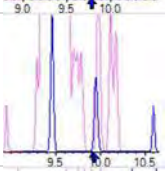
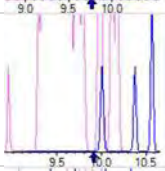
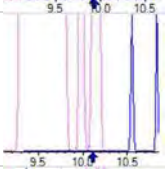
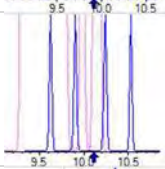
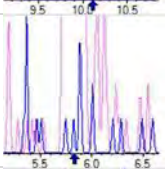
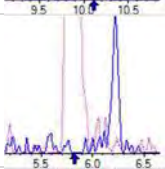
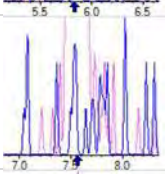
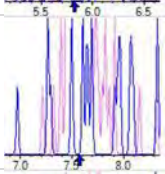
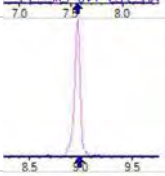
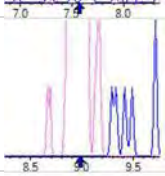
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) N/A (413.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) N/A (563.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) N/A (713.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (4)
Acquired: 2022/12/16 - 00:38

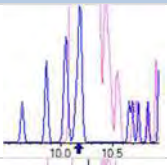
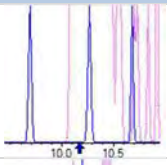
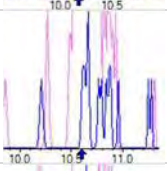
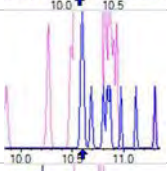
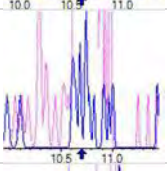
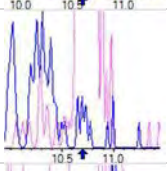
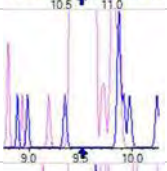
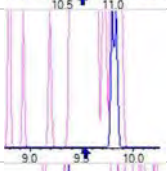
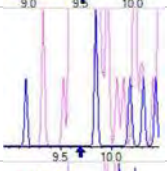
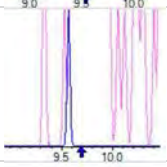
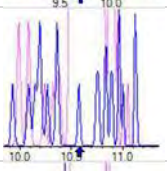
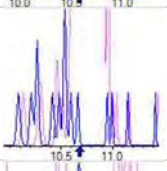
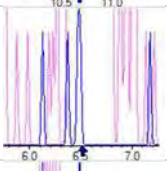
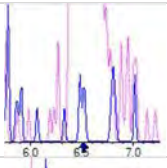
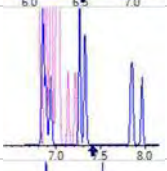
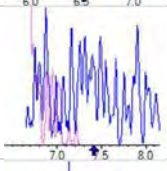
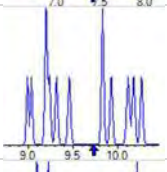
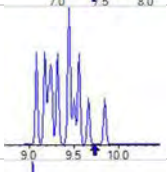
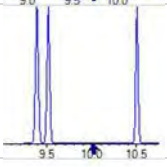
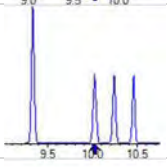
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) N/A (499.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (4)
Acquired: 2022/12/16 - 00:38

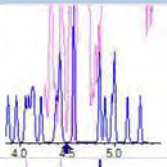
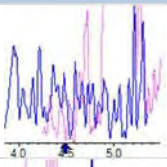
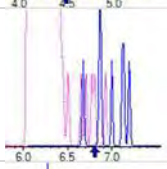
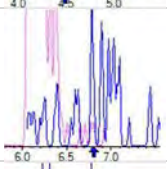
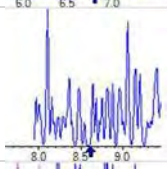
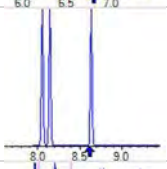
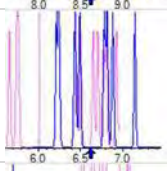
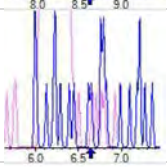
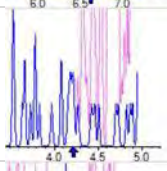
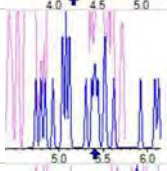
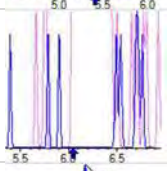
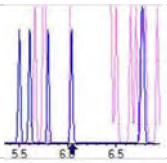
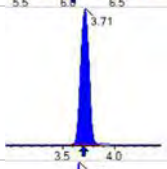
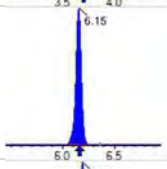
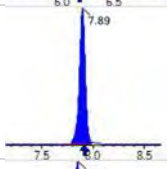
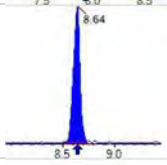
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) N/A (498.0 / 478.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) N/A (584.0 / 526.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSE	(616.1 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSE	(630.0 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (4)
Acquired: 2022/12/16 - 00:38

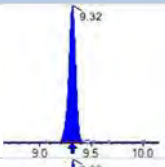
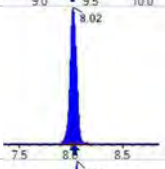
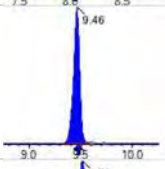
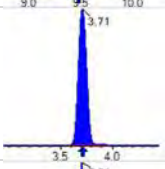
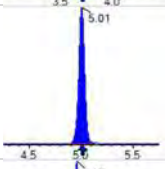
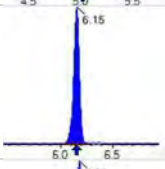
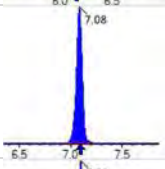
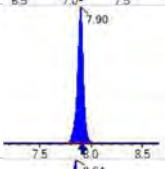
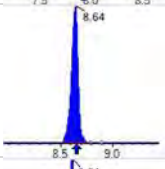
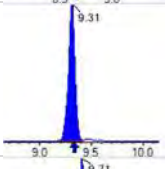
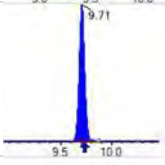
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 79099	(3.71 , N/A) (N/A , 0.03 , N/A)	613.1	N/A	0.9047 [1.0000]	90.5% { 95.1% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 135642	(6.15 , N/A) (N/A , 0.02 , N/A)	652.3	N/A	1.0309 [1.0000]	103.1% { 102.7% }			
13C4_PFOA_IIS	(417.0 / 372.0) 119283	(7.89 , N/A) (N/A , 0.02 , N/A)	550.7	N/A	0.9530 [1.0000]	95.3% { 97.4% }			
13C5_PFNA_IIS	(468.0 / 423.0) 84222	(8.64 , N/A) (N/A , 0.02 , N/A)	314.1	N/A	0.8438 [1.0000]	84.4% { 87.5% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (4)
Acquired: 2022/12/16 - 00:38

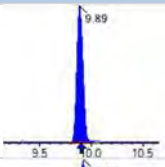
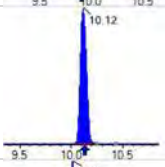
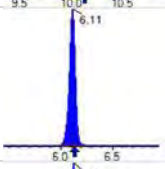
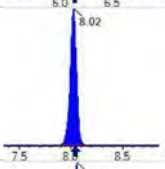
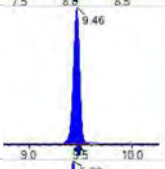
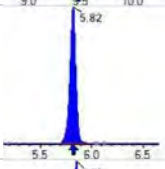
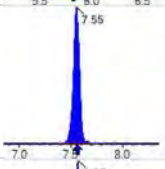
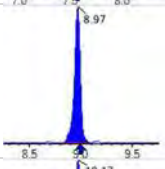
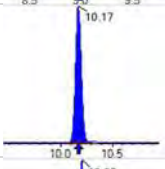
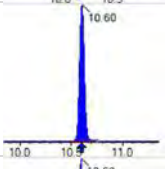
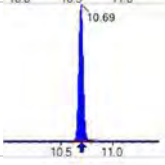
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 97270	(9.32 , N/A) (N/A , 0.02 , N/A)	347.4	N/A	0.9380 [1.0000]	93.8% { 97.5% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 210547	(8.02 , N/A) (N/A , 0.02 , N/A)	734.3	N/A	0.8899 [1.0000]	89.0% { 94.8% }			
13C4_PFOS_IIS	(502.8 / 79.9) 162769	(9.46 , N/A) (N/A , 0.02 , N/A)	399.9	N/A	0.8113 [1.0000]	81.1% { 82.3% }			
13C4_PFBA_EIS	(217.0 / 172.0) 660265	(3.71 , N/A) (N/A , 0.03 , N/A)	863.5	N/A	8.0626 [8.0000]	100.8% { 98.3% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 399053	(5.01 , N/A) (N/A , 0.02 , N/A)	791.7	N/A	3.9961 [4.0000]	99.9% { 104.8% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 296602	(6.15 , N/A) (N/A , 0.02 , N/A)	607.1	N/A	1.8575 [2.0000]	92.9% { 104.1% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 281014	(7.08 , N/A) (N/A , 0.02 , N/A)	699.9	N/A	1.9920 [2.0000]	99.6% { 107.5% }			
13C8_PFOA_EIS	(421.0 / 376.0) 262912	(7.90 , N/A) (N/A , 0.02 , N/A)	652.4	N/A	1.9947 [2.0000]	99.7% { 104.3% }			
13C9_PFNA_EIS	(472.0 / 427.0) 93511	(8.64 , N/A) (N/A , 0.02 , N/A)	314.2	N/A	1.0164 [1.0000]	101.6% { 99.2% }			
13C6_PFDA_EIS	(519.0 / 474.0) 134961	(9.31 , N/A) (N/A , 0.02 , N/A)	188.2	N/A	1.0239 [1.0000]	102.4% { 103.3% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 194053	(9.71 , N/A) (N/A , 0.01 , N/A)	467.5	N/A	1.0225 [1.0000]	102.3% { 129.7% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (4)
Acquired: 2022/12/16 - 00:38

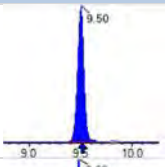
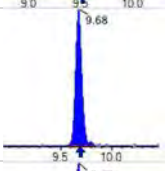
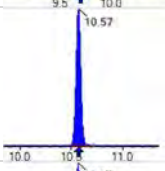
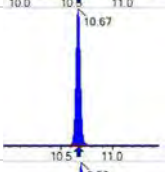
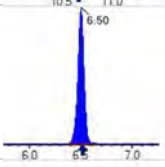
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 198541	(9.89 , N/A) (N/A , 0.01 , N/A)	604.9	N/A	0.9277 [1.0000]	92.8% { 82.1% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 128904	(10.12 , N/A) (N/A , 0.00 , N/A)	417.1	N/A	0.9910 [1.0000]	99.1% { 97.2% }			
13C3_PFBS_EIS	(302.0 / 80.0) 696773	(6.11 , N/A) (N/A , 0.02 , N/A)	747.9	N/A	2.0263 [2.0000]	101.3% { 93.6% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 383316	(8.02 , N/A) (N/A , 0.02 , N/A)	732.1	N/A	2.1495 [2.0000]	107.5% { 106.4% }			
13C8_PFOS_EIS	(507.0 / 80.0) 546504	(9.46 , N/A) (N/A , 0.02 , N/A)	538.5	N/A	2.0439 [2.0000]	102.2% { 88.2% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 87728	(5.82 , N/A) (N/A , 0.02 , N/A)	492.4	N/A	4.5245 [4.0000]	113.1% { 96.2% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 107283	(7.55 , N/A) (N/A , 0.02 , N/A)	586.1	N/A	4.3175 [4.0000]	107.9% { 96.7% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 100386	(8.97 , N/A) (N/A , 0.02 , N/A)	350.5	N/A	4.5063 [4.0000]	112.7% { 94.1% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 846478	(10.17 , N/A) (N/A , 0.01 , N/A)	673.4	N/A	2.1753 [2.0000]	108.8% { 92.5% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 233193	(10.60 , N/A) (N/A , 0.01 , N/A)	807.3	N/A	2.4055 [2.0000]	120.3% { 96.6% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 240509	(10.69 , N/A) (N/A , 0.01 , N/A)	1233.5	N/A	2.6569 [2.0000]	132.8% { 102.4% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB2
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (4)
Acquired: 2022/12/16 - 00:38

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 328273	(9.50 , N/A) (N/A , 0.01 , N/A)	411.7	N/A	5.2339 [4.0000]	130.8% { 119.5% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 241090	(9.68 , N/A) (N/A , 0.01 , N/A)	276.2	N/A	4.6251 [4.0000]	115.6% { 99.5% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 478879	(10.57 , N/A) (N/A , 0.01 , N/A)	792.6	N/A	25.6808 [20.0000]	128.4% { 104.0% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 251895	(10.67 , N/A) (N/A , 0.01 , N/A)	1060.6	N/A	25.0854 [20.0000]	125.4% { 92.9% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 710159	(6.50 , N/A) (N/A , 0.02 , N/A)	912.1	N/A	7.3047 [8.0000]	91.3% { 99.5% }			

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03860L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03860-CCB30	PFBA0	.0	ng/mL0	.40	U
	PFPEA0	.0	ng/mL0	.20	U
	PFHXA0	.0	ng/mL0	.10	U
	PFHPA0	.0	ng/mL0	.10	U
	PFOA0	.0	ng/mL0	.10	U
	PFNA0	.0	ng/mL0	.10	U
	PFDA0	.0	ng/mL0	.10	U
	PFUnA0	.0	ng/mL0	.10	U
	PFDOA0	.0	ng/mL0	.10	U
	PFTRDA0	.0	ng/mL0	.10	U
	PFTEDA0	.0	ng/mL0	.10	U
	PFBS0	.0	ng/mL0	.10	U
	PFPES0	.0	ng/mL0	.10	U
	PFHXS0	.0	ng/mL0	.10	U
	PFHPS0	.0	ng/mL0	.10	U
	PFOS0	.0	ng/mL0	.10	U
	PFNS0	.0	ng/mL0	.10	U
	PFDS0	.0	ng/mL0	.10	U
	4:2FTS0	.0	ng/mL0	.40	U
	6:2FTS0	.0	ng/mL0	.40	U
	8:2FTS0	.0	ng/mL0	.40	U
	PFOSA0	.0	ng/mL0	.40	U
	NMeFOSA0	.0	ng/mL0	.40	U
	NEtFOSA0	.0	ng/mL0	.40	U
	NMeFOSAA0	.0	ng/mL0	.10	U
	NEtFOSAA0	.0	ng/mL0	.10	U
	NMeFOSE0	.0	ng/mL0	.40	U
	NEtFOSE0	.0	ng/mL0	.40	U
	HFPO-DA0	.0	ng/mL0	.20	U
	ADONA0	.0	ng/mL0	.20	U
	9CL-PF3ONS0	.0	ng/mL0	.20	U
	11CL-PF3OUDS0	.0	ng/mL0	.20	U
	13C4-PFBA0	7.790	ng/mL0		

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB03860L
Calibration:N 2251019L
SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB03860-CCB30	13C5-PFPEA0	4.060	ng/mL0		
	13C5-PFHXA0	1.990	ng/mL0		
	13C4-PFHPA0	1.890	ng/mL0		
	13C8-PFOA0	1.880	ng/mL0		
	13C9-PFNA0	1.020	ng/mL0		
	13C6-PFDA0	1.010	ng/mL0		
	13C7-PFUnA0	1.070	ng/mL0		
	13C2-PFDOA	0.9930	ng/mL0		
	13C2-PFTEDA0	1.060	ng/mL0		
	13C3-PFBS0	2.170	ng/mL0		
	13C3-PFHXS0	2.20	ng/mL0		
	13C8-PFOS0	2.120	ng/mL0		
	13C2-4:2FTS0	4.740	ng/mL0		
	13C2-6:2FTS0	4.220	ng/mL0		
	13C2-8:2FTS0	4.690	ng/mL0		
	13C8-PFOSA0	2.360	ng/mL0		
	D3-NMEFOSA0	2.520	ng/mL0		
	D5-NETFOSA0	2.80	ng/mL0		
	D3-NMEFOSAA0	4.130	ng/mL0		
	D5-NETFOSAA0	4.760	ng/mL0		
	D7-NMEFOSE0	27.90	ng/mL0		
	D9-NETFOSE0	26.50	ng/mL0		
	13C3-HFPO-DA0	8.180	ng/mL0		

APPL
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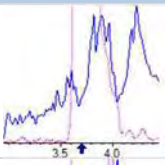
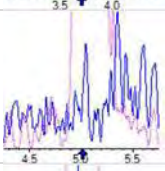
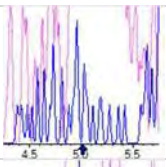
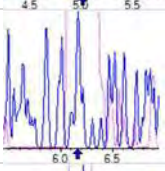
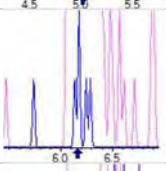
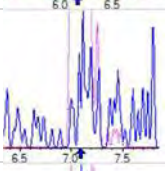
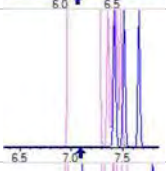
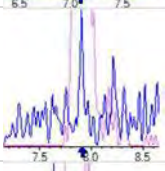
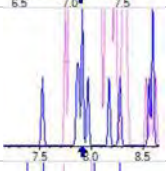
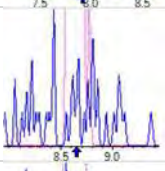
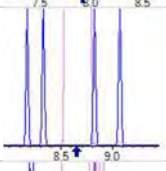
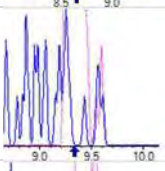
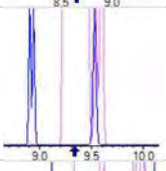
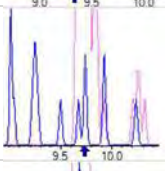
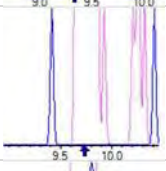
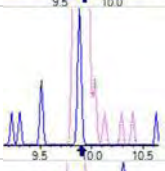
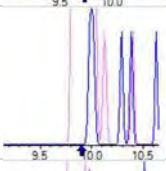
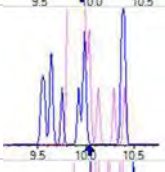
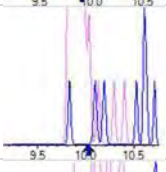
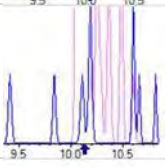
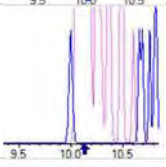
Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (28)
Acquired: 2022/12/16 - 05:43

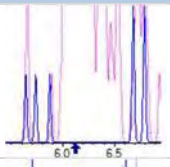
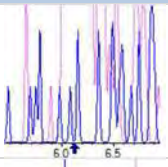
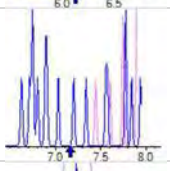
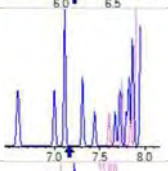
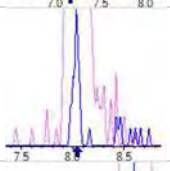
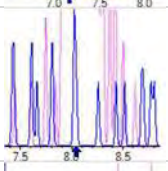
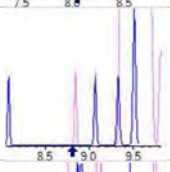
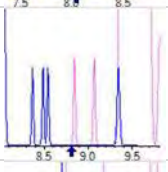
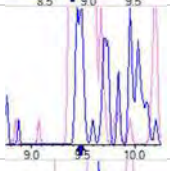
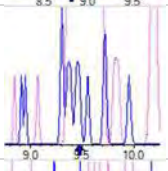
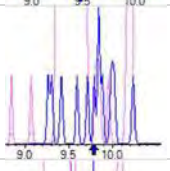
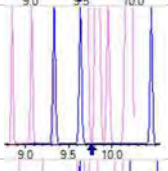
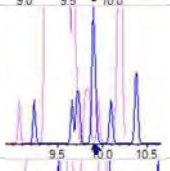
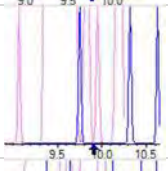
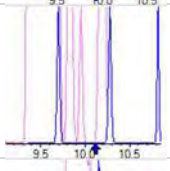
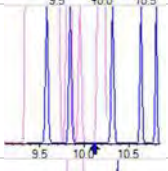
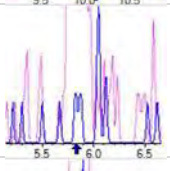
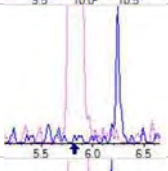
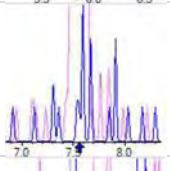
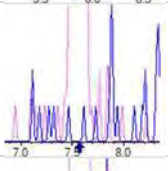
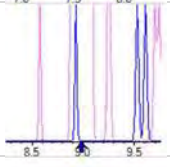
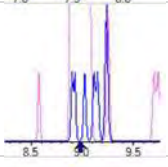
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBA	(212.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeA	(262.9 / 219.0) N/A (262.9 / 69.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxA	(313.0 / 269.0) N/A (313.0 / 119.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpA	(363.0 / 319.0) N/A (363.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOA	(413.0 / 369.0) N/A (413.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNA	(463.0 / 419.0) N/A (463.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDA	(513.0 / 469.0) N/A (513.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFUnA	(563.0 / 519.0) N/A (563.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoA	(613.0 / 569.0) N/A (613.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTrDA	(663.0 / 619.0) N/A (663.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFTeDA	(713.0 / 669.0) N/A (713.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (28)
Acquired: 2022/12/16 - 05:43

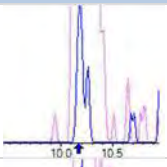
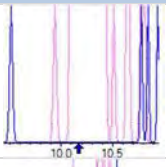
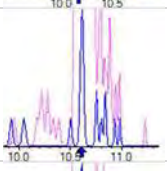
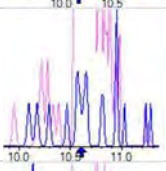
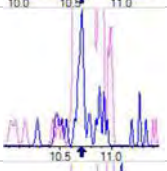
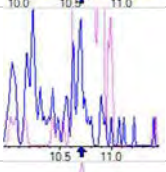
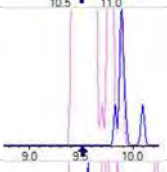
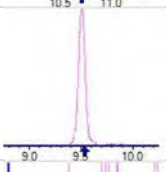
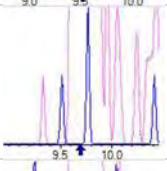
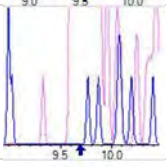
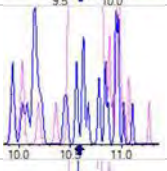
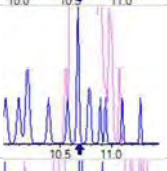
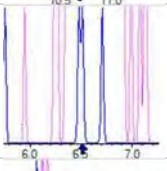
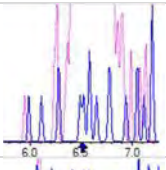
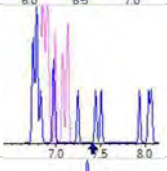
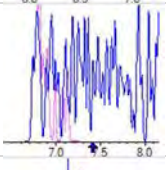
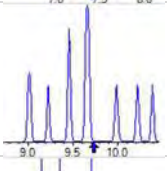
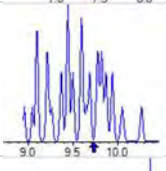
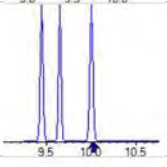
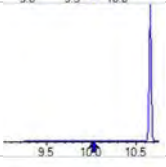
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFBS	(298.9 / 80.0) N/A (298.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFPeS	(349.0 / 80.0) N/A (349.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHxS	(399.0 / 80.0) N/A (399.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFHpS	(449.0 / 80.0) N/A (449.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFOS	(499.0 / 80.0) N/A (499.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFNS	(549.0 / 80.0) N/A (549.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDS	(599.0 / 80.0) N/A (599.0 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFDoS	(698.9 / 80.0) N/A (698.9 / 99.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
4:2FTS	(327.0 / 307.0) N/A (327.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
6:2FTS	(427.0 / 407.0) N/A (427.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
8:2FTS	(527.0 / 507.0) N/A (527.0 / 81.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (28)
Acquired: 2022/12/16 - 05:43

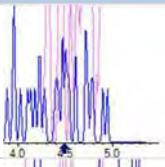
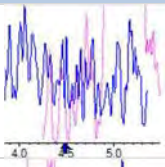
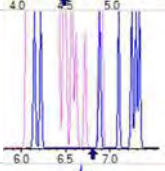
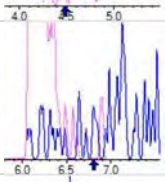
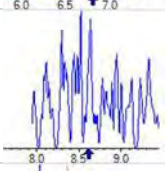
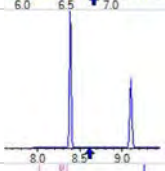
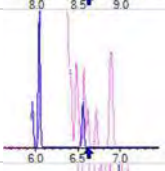
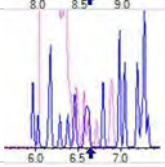
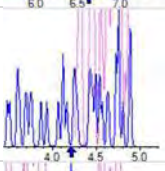
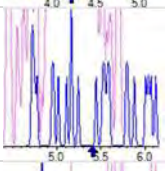
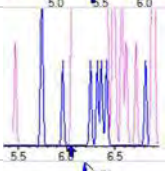
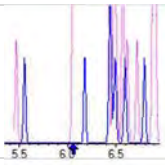
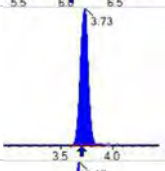
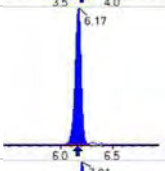
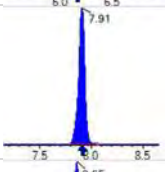
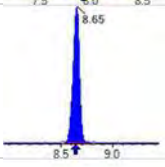
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
PFOSA	(498.0 / 78.0) N/A (498.0 / 478.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSA	(511.9 / 219.0) N/A (511.9 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSA	(526.0 / 219.0) N/A (526.0 / 169.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSAA	(570.0 / 419.0) N/A (570.0 / 483.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSAA	(584.0 / 419.0) N/A (584.0 / 526.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
NMeFOSE	(616.1 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NEtFOSE	(630.0 / 59.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
HFPO-DA	(285.0 / 169.0) N/A (285.0 / 185.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
ADONA	(377.0 / 85.0) N/A (377.0 / 251.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
9Cl-Pf3ONS	(531.0 / 351.0) N/A (533.0 / 353.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
11Cl-PF3OUDS	(631.0 / 451.0) N/A (633.0 / 453.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (28)
Acquired: 2022/12/16 - 05:43

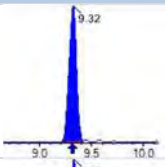
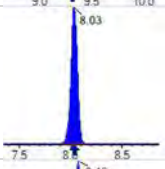
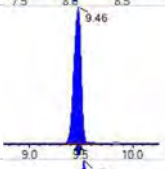
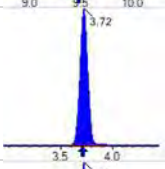
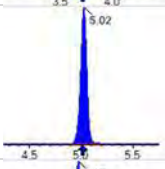
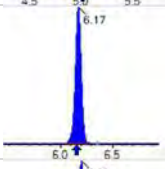
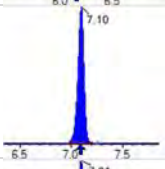
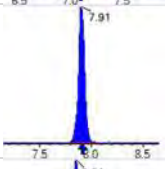
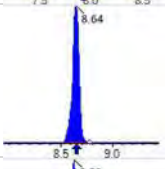
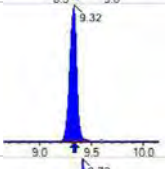
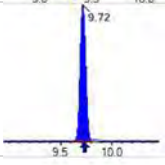
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
3:3FTCA	(241.0 / 177.0) N/A (241.0 / 117.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
5:3FTCA	(341.0 / 236.7) N/A (341.0 / 217.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
7:3FTCA	(441.0 / 317.0) N/A (441.0 / 337.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFEESA	(315.0 / 135.0) N/A (315.0 / 83.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
PFMPA	(229.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
PFMBA	(279.0 / 85.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A	N/A 0.0 0.0	0.0000	N/A			
NFDHA	(201.0 / 85.0) N/A (295.0 / 201.0) N/A	(N/A , N/A) (N/A , N/A , N/A)	N/A N/A	N/A 0.0 0.0	0.0000	N/A			
13C3_PFBA_IIS	(216.0 / 172.0) 85510	(3.73 , N/A) (N/A , 0.04 , N/A)	694.6	N/A	0.9780 [1.0000]	97.8% { 102.8% }			
13C2_PFHxA_IIS	(315.1 / 270.0) 129305	(6.17 , N/A) (N/A , 0.03 , N/A)	283.4	N/A	0.9827 [1.0000]	98.3% { 97.9% }			
13C4_PFOA_IIS	(417.0 / 372.0) 121938	(7.91 , N/A) (N/A , 0.03 , N/A)	597.4	N/A	0.9742 [1.0000]	97.4% { 99.6% }			
13C5_PFNA_IIS	(468.0 / 423.0) 88222	(8.65 , N/A) (N/A , 0.03 , N/A)	404.3	N/A	0.8838 [1.0000]	88.4% { 91.7% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (28)
Acquired: 2022/12/16 - 05:43

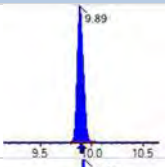
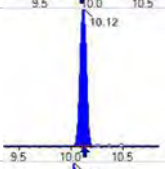
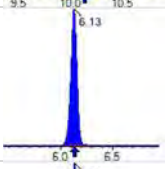
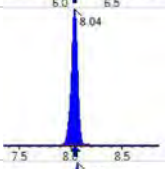
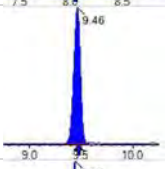
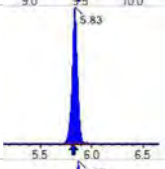
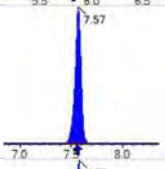
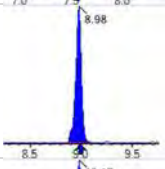
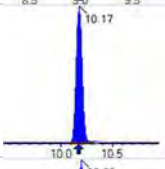
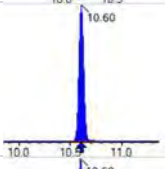
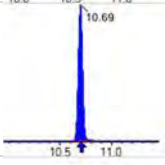
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDA_IIS	(515.1 / 470.1) 100997	(9.32 , N/A) (N/A , 0.03 , N/A)	290.6	N/A	0.9739 [1.0000]	97.4% { 101.2% }			
18O2_PFHxS_IIS	(403.0 / 83.9) 208947	(8.03 , N/A) (N/A , 0.03 , N/A)	993.2	N/A	0.8832 [1.0000]	88.3% { 94.1% }			
13C4_PFOS_IIS	(502.8 / 79.9) 163680	(9.46 , N/A) (N/A , 0.03 , N/A)	447.9	N/A	0.8159 [1.0000]	81.6% { 82.8% }			
13C4_PFBA_EIS	(217.0 / 172.0) 689925	(3.72 , N/A) (N/A , 0.04 , N/A)	850.2	N/A	7.7931 [8.0000]	97.4% { 102.7% }			
13C5_PFPeA_EIS	(267.9 / 223.0) 386326	(5.02 , N/A) (N/A , 0.04 , N/A)	840.0	N/A	4.0582 [4.0000]	101.5% { 101.5% }			
13C5_PFHxA_EIS	(318.0 / 273.0) 303518	(6.17 , N/A) (N/A , 0.04 , N/A)	635.6	N/A	1.9940 [2.0000]	99.7% { 106.5% }			
13C4_PFHpA_EIS	(367.0 / 322.0) 254504	(7.10 , N/A) (N/A , 0.04 , N/A)	542.2	N/A	1.8925 [2.0000]	94.6% { 97.3% }			
13C8_PFOA_EIS	(421.0 / 376.0) 253293	(7.91 , N/A) (N/A , 0.03 , N/A)	604.2	N/A	1.8799 [2.0000]	94.0% { 100.5% }			
13C9_PFNA_EIS	(472.0 / 427.0) 98029	(8.64 , N/A) (N/A , 0.03 , N/A)	530.7	N/A	1.0173 [1.0000]	101.7% { 104.0% }			
13C6_PFDA_EIS	(519.0 / 474.0) 138646	(9.32 , N/A) (N/A , 0.03 , N/A)	325.3	N/A	1.0131 [1.0000]	101.3% { 106.1% }			
13C7_PFUnA_EIS	(570.0 / 525.0) 209971	(9.72 , N/A) (N/A , 0.02 , N/A)	485.4	N/A	1.0656 [1.0000]	106.6% { 140.3% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (28)
Acquired: 2022/12/16 - 05:43

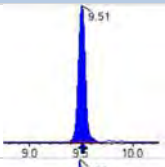
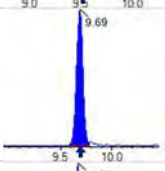
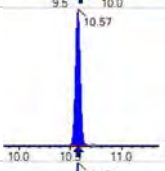
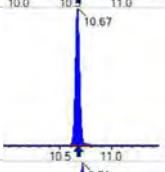
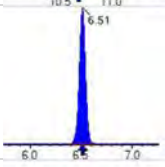
Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
13C2_PFDoA_EIS	(615.0 / 570.0) 220583	(9.89 , N/A) (N/A , 0.01 , N/A)	690.5	N/A	0.9926 [1.0000]	99.3% { 91.2% }			
13C2_PFTeDA_EIS	(715.0 / 670.0) 143396	(10.12 , N/A) (N/A , 0.01 , N/A)	357.9	N/A	1.0617 [1.0000]	106.2% { 108.2% }			
13C3_PFBS_EIS	(302.0 / 80.0) 741089	(6.13 , N/A) (N/A , 0.04 , N/A)	1029.9	N/A	2.1717 [2.0000]	108.6% { 99.5% }			
13C3_PFHxS_EIS	(402.0 / 80.0) 388893	(8.04 , N/A) (N/A , 0.03 , N/A)	797.6	N/A	2.1975 [2.0000]	109.9% { 107.9% }			
13C8_PFOS_EIS	(507.0 / 80.0) 569205	(9.46 , N/A) (N/A , 0.02 , N/A)	423.1	N/A	2.1170 [2.0000]	105.8% { 91.8% }			
13C2_4:2FTS_EIS	(329.0 / 81.0) 91204	(5.83 , N/A) (N/A , 0.03 , N/A)	734.1	N/A	4.7397 [4.0000]	118.5% { 100.0% }			
13C2_6:2FTS_EIS	(429.0 / 81.0) 104098	(7.57 , N/A) (N/A , 0.04 , N/A)	696.3	N/A	4.2214 [4.0000]	105.5% { 93.9% }			
13C2_8:2FTS_EIS	(529.0 / 81.0) 103610	(8.98 , N/A) (N/A , 0.03 , N/A)	458.1	N/A	4.6866 [4.0000]	117.2% { 97.1% }			
13C8_PFOSA_EIS	(506.0 / 78.0) 923705	(10.17 , N/A) (N/A , 0.01 , N/A)	744.5	N/A	2.3606 [2.0000]	118.0% { 101.0% }			
D3_NMeFOSA_EIS	(515.0 / 169.0) 245777	(10.60 , N/A) (N/A , 0.01 , N/A)	1049.3	N/A	2.5212 [2.0000]	126.1% { 101.9% }			
D5_NEtFOSA_EIS	(531.1 / 169.0) 254809	(10.69 , N/A) (N/A , 0.01 , N/A)	1070.2	N/A	2.7992 [2.0000]	140.0% { 108.5% }			

APPL
AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES
A METIRI GROUP COMPANY

Chemist: ABK
Instrument: Saphira
Type: Sciex Q3 5500

Sample I.D.: SB03860-CCB3
DF , IV: 1 , 10.0µL
Acquisition Method: 1633 2022-12-13.dam

Quant Method: 1633 - S2022-12-15A
Path: S2022-12-15C (28)
Acquired: 2022/12/16 - 05:43

Analyte	(Q1 / Q3) Area Counts*min	R.T. (R.T [min] , R.R.T.) (ΔRT-I[min], ΔRT-CV[min], ΔRT ion[s])	S / N	Ion Ratio IR Vs MP% IR Vs CV%	Concentration [True] ng/mL	Q.C. Rec. {Area%CV}	Primary Transition	Confirmation Transition	Flag
D3_MeFOSAA_EIS	(573.0 / 419.0) 260636	(9.51 , N/A) (N/A , 0.02 , N/A)	246.8	N/A	4.1324 [4.0000]	103.3% { 94.9% }			
D5_EtFOSAA_EIS	(589.0 / 419.0) 249300	(9.69 , N/A) (N/A , 0.02 , N/A)	291.7	N/A	4.7560 [4.0000]	118.9% { 102.9% }			
D7_NMeFOSE_EIS	(623.2 / 58.9) 522992	(10.57 , N/A) (N/A , 0.01 , N/A)	877.1	N/A	27.8902 [20.0000]	139.5% { 113.6% }			
D9_NEtFOSE_EIS	(639.2 / 58.9) 267218	(10.67 , N/A) (N/A , 0.01 , N/A)	751.4	N/A	26.4631 [20.0000]	132.3% { 98.5% }			
13C3_HFPODA_EIS	(287.0 / 169.0) 758199	(6.51 , N/A) (N/A , 0.04 , N/A)	842.5	N/A	8.1810 [8.0000]	102.3% { 106.2% }			

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB04003L
Calibration:N 2253011L

SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB040 3-CCB10	PFBA	.0	ng/mL0	.40	U
	PFPEA	.0	ng/mL0	.20	U
	PFHXA	.0	ng/mL0	.10	U
	PFHPA	.0	ng/mL0	.10	U
	PFOA	.0	ng/mL0	.10	U
	PFNA	.0	ng/mL0	.10	U
	PFDA	.0	ng/mL0	.10	U
	PFUnA	.0	ng/mL0	.10	U
	PFDOA	.0	ng/mL0	.10	U
	PFTRDA	.0	ng/mL0	.10	U
	PFTEDA	.0	ng/mL0	.10	U
	PFBS0	.0	ng/mL0	.10	U
	PFPES0	.0	ng/mL0	.10	U
	PFHXS0	.0	ng/mL0	.10	U
	PFHPS0	.0	ng/mL0	.10	U
	PFOS0	.0	ng/mL0	.10	U
	PFNS0	.0	ng/mL0	.10	U
	PFDS0	.0	ng/mL0	.10	U
	4:2FTS0	.0	ng/mL0	.40	U
	6:2FTS0	.0	ng/mL0	.40	U
	8:2FTS0	.0	ng/mL0	.40	U
	PFOSA	.0	ng/mL0	.40	U
	NMeFOSA	.0	ng/mL0	.40	U
	NEtFOSA	.0	ng/mL0	.40	U
	NMeFOSAA	.0	ng/mL0	.10	U
	NEtFOSAA	.0	ng/mL0	.10	U
	NMeFOSE0	.0	ng/mL0	.40	U
	NEtFOSE0	.0	ng/mL0	.40	U
	HFPO-DA	.0	ng/mL0	.20	U
	ADONA	.0	ng/mL0	.20	U
	9CL-PF3ONS0	.0	ng/mL0	.20	U
	11CL-PF3OUDS0	.0	ng/mL0	.20	U
	13C4-PFBA	7.90	ng/mL0		

ANALYSIS SEQUENCE BLANKSN

Laboratory:N APPL, L CL
Client:N Tidewater, Inc.L
Sequence:N SB04003L
Calibration:N 2253011L

SDG:N
Project:N NASA JPL
Instrument:N SaphiraL

Lab Sample IDN	AnalyteN	FoundN	UnitsN	RLN	CN
SB040 3-CCB10	13C5-PFPEA	4.20	ng/mL0		
	13C5-PFHXA	2.040	ng/mL0		
	13C4-PFHPA	2.060	ng/mL0		
	13C8-PFOA	2.030	ng/mL0		
	13C9-PFNA	1.010	ng/mL0		
	13C6-PFDA	.8580	ng/mL0		
	13C7-PFUnA	1.040	ng/mL0		
	13C2-PFDOA	1.050	ng/mL0		
	13C2-PFTEDA	1.120	ng/mL0		
	13C3-PFBS0	2.160	ng/mL0		
	13C3-PFHXS0	1.880	ng/mL0		
	13C8-PFOS0	1.970	ng/mL0		
	13C2-4:2FTS0	4.970	ng/mL0		
	13C2-6:2FTS0	4.550	ng/mL0		
	13C2-8:2FTS0	3.290	ng/mL0		
	13C8-PFOSA	2.240	ng/mL0		
	D3-NMEFOSA	2.160	ng/mL0		
	D5-NETFOSA	2.250	ng/mL0		
	D3-NMEFOSAA	4.170	ng/mL0		
	D5-NETFOSAA	4.810	ng/mL0		
	D7-NMEFOSE0	24.80	ng/mL0		
	D9-NETFOSE0	27.0	ng/mL0		
	13C3-HFPO-DA	7.860	ng/mL0		