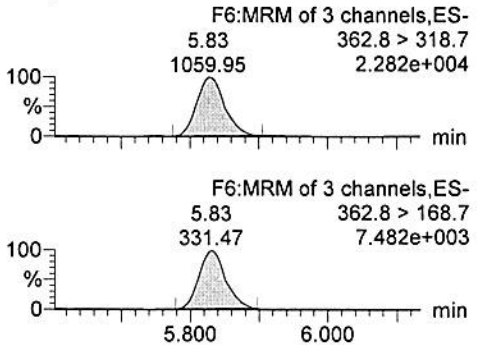
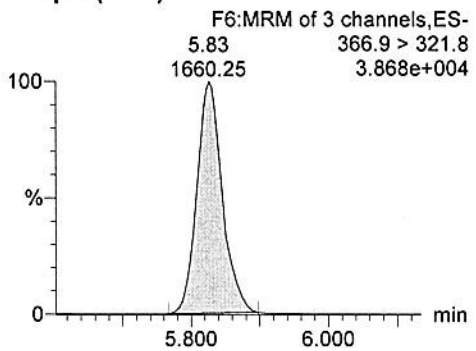
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Sunday, March 25, 2018 19:35:15 Eastern Daylight Time
Printed: Sunday, March 25, 2018 19:35:51 Eastern Daylight Time

Name: E180803-17, Date: 21-Mar-2018, Time: 19:33:07, Description: E180803-17, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:35

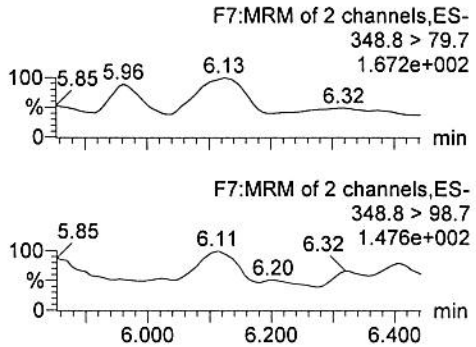
PFHpA



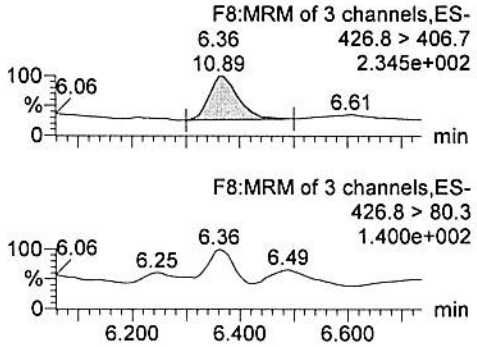
PFHpA (M+4)



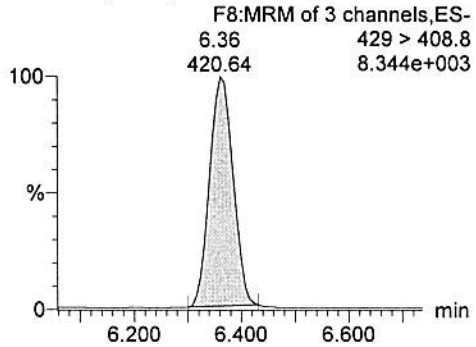
PFPeS



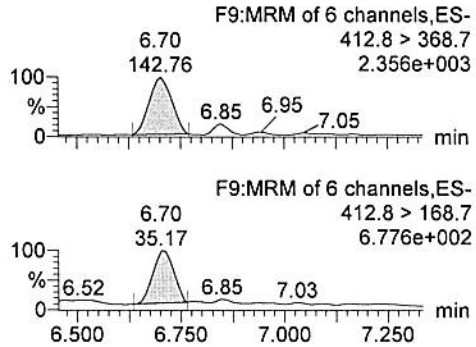
6:2 FTS



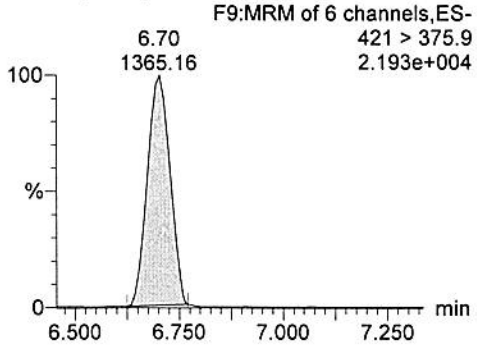
6:2 FTS (M+2)



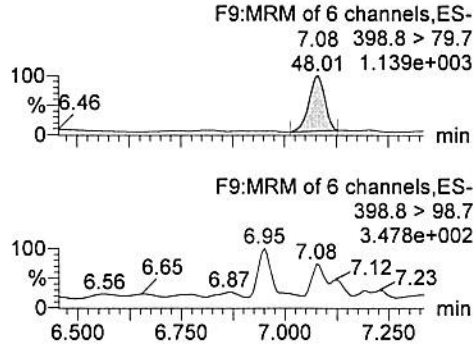
PFOA



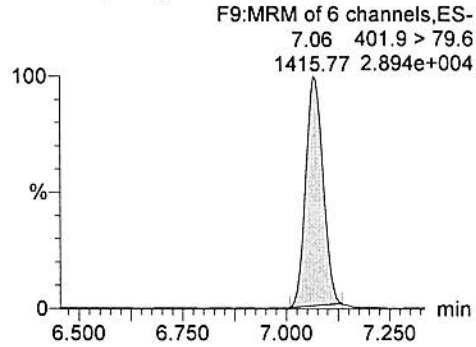
PFOA (M+8)



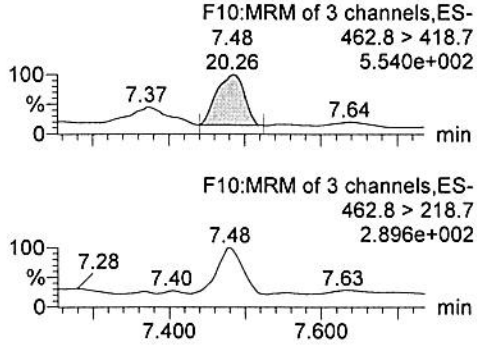
PFHxS



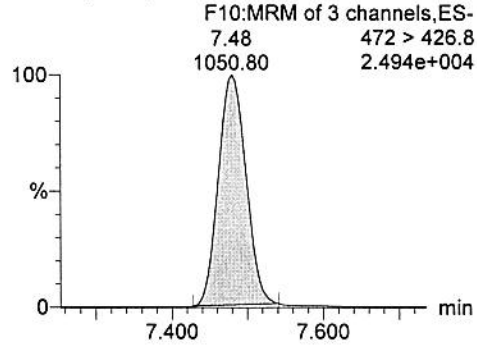
PFHxS (M+3)



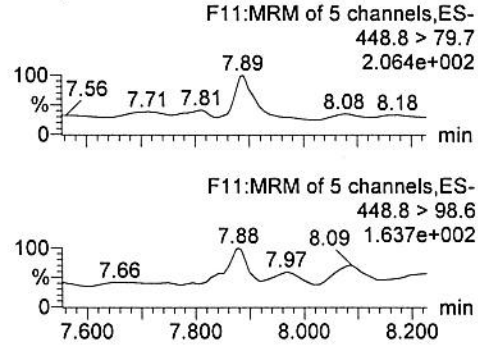
PFNA



PFNA (M+9)



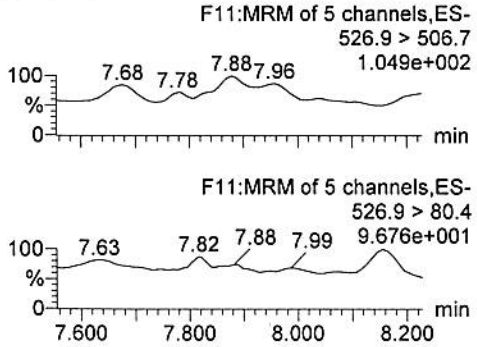
PFHpS



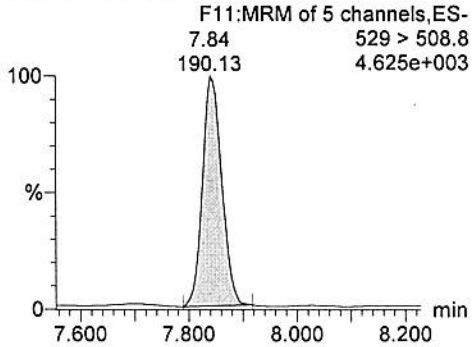
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Sunday, March 25, 2018 19:35:15 Eastern Daylight Time
Printed: Sunday, March 25, 2018 19:35:51 Eastern Daylight Time

Name: E180803-17, Date: 21-Mar-2018, Time: 19:33:07, Description: E180803-17, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:35

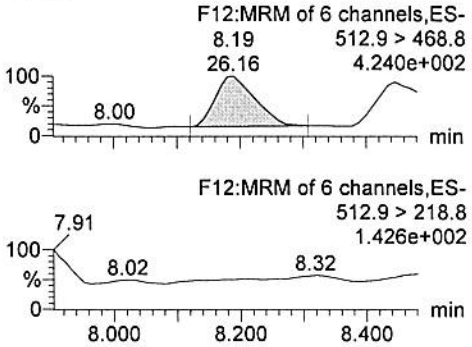
8:2 FTS



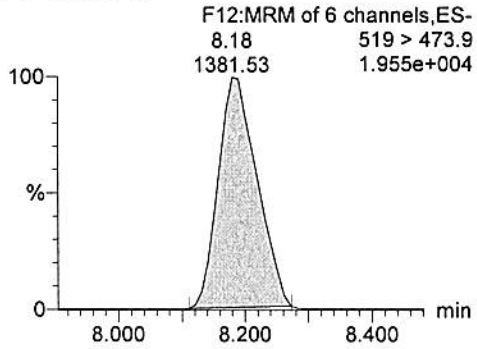
8:2 FTS (M+2)



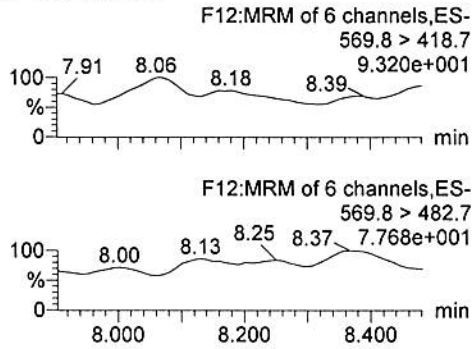
PFDA



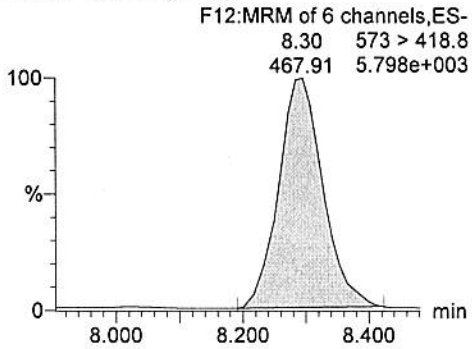
PFDA (M+6)



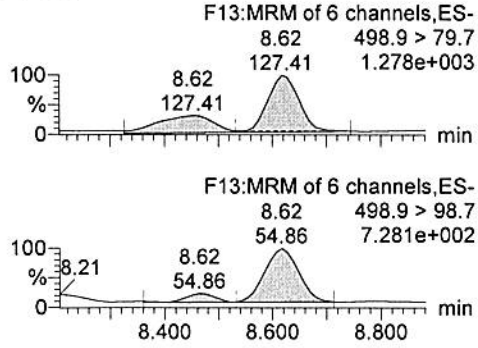
N-MeFOSAA



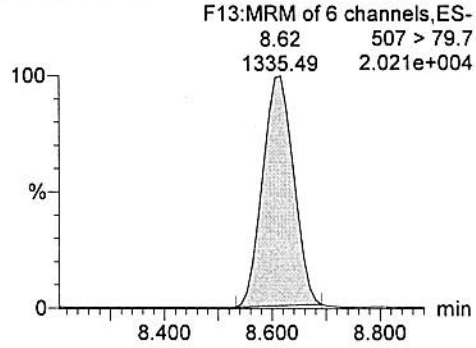
N-MeFOSAA (M+3)



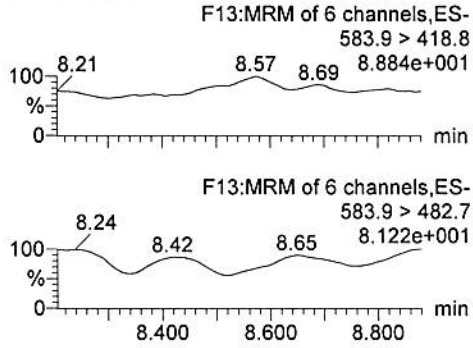
PFOS



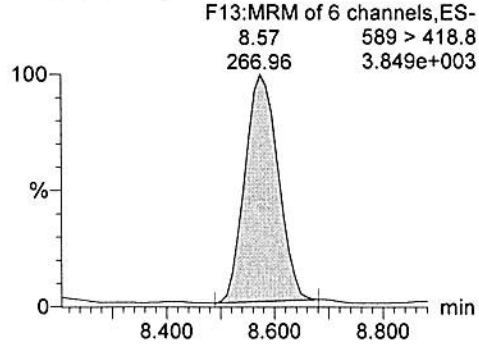
PFOS (M+8)



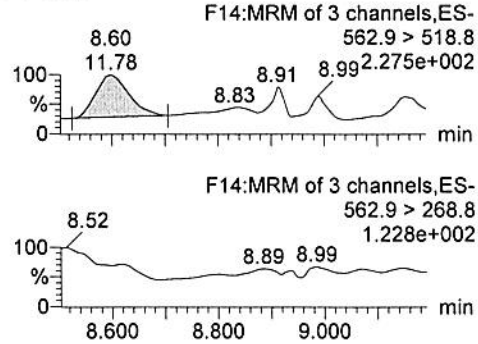
N-EtFOSAA



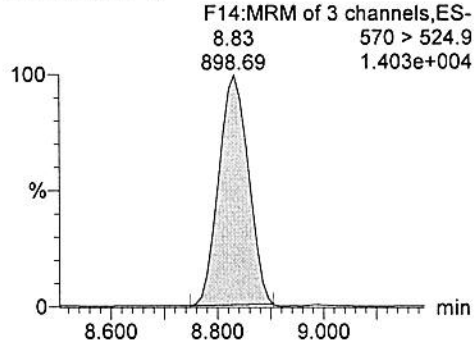
N-EtFOSAA (M+5)



PFUnA



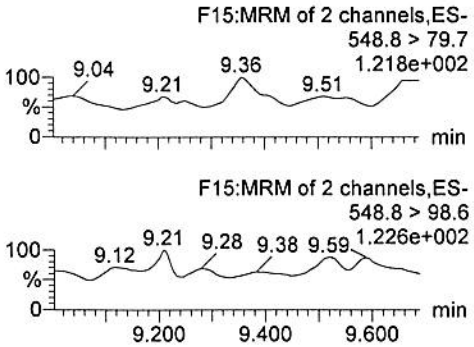
PFUnA (M+7)



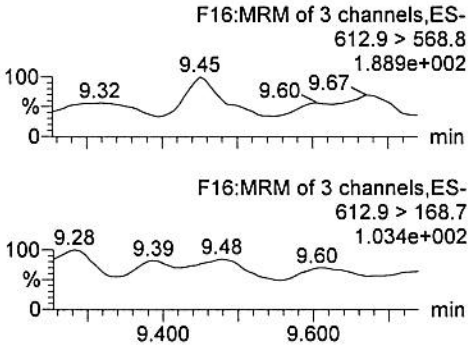
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Sunday, March 25, 2018 19:35:15 Eastern Daylight Time
Printed: Sunday, March 25, 2018 19:35:51 Eastern Daylight Time

Name: E180803-17, Date: 21-Mar-2018, Time: 19:33:07, Description: E180803-17, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:35

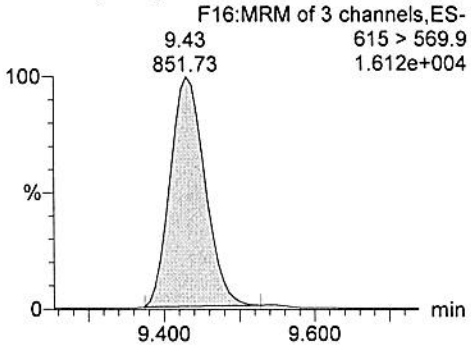
PFNS



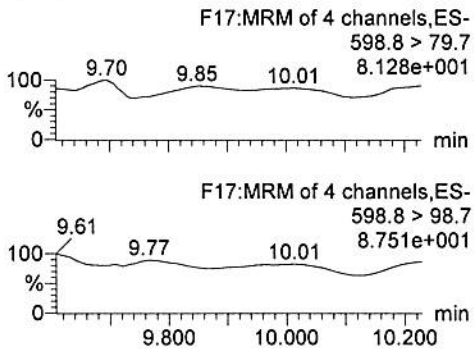
PFDoA



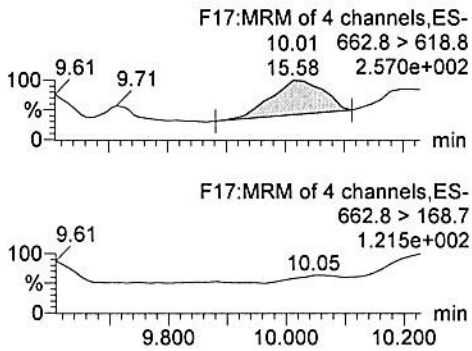
PFDoA (M+2)



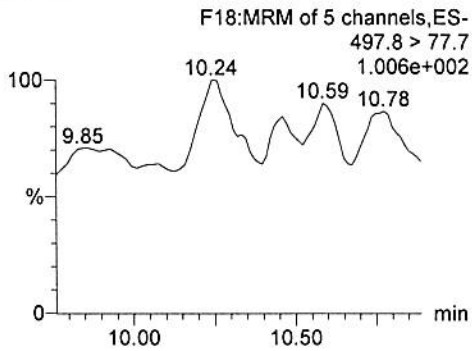
PFDS



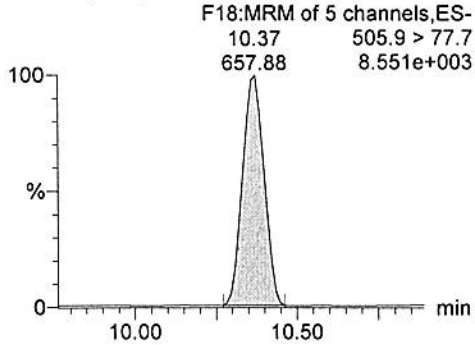
PFTrA



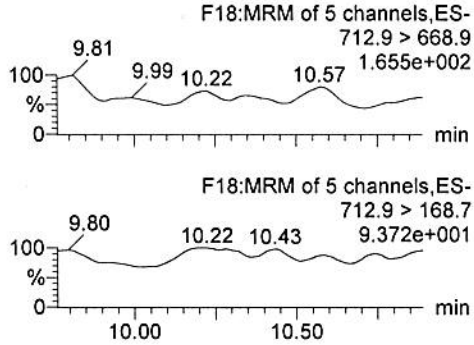
FOSA



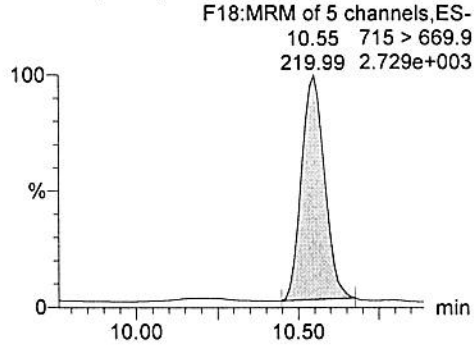
FOSA (M+8)



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Sunday, March 25, 2018 19:35:15 Eastern Daylight Time
Printed: Sunday, March 25, 2018 19:35:51 Eastern Daylight Time

Name: E180803-17, Date: 21-Mar-2018, Time: 19:33:07, Description: E180803-17, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:35

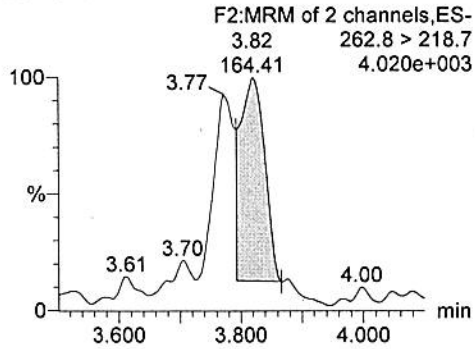
Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.94		1.000								
PFBA (M+4)	2.94	2.94	1.000	1804.7	110.1		1804.700	bb			
PFPeA	3.82	3.82	0.999	282.8	21.55		282.817	MM			
PFPeA (M+5)	3.82	3.82	0.999	1439.8	113.0		1439.750	bb			
4:2 FTS	4.55		0.999						1.893		
4:2 FTS (M+2)	4.54	4.53	0.999	682.3	110.7		682.258	bb			
PFHxA	4.86	4.84	0.999	561.8	46.28		561.811	bb	41.048	39.268	NO
PFHxA (M+5)	4.86	4.84	0.999	1395.3	116.2		1395.303	bb			
PFBS	5.06		1.000						2.249		
PFBS (M+3)	5.05	5.05	0.999	1794.8	109.6		1794.791	bb			
HFPO-DA	5.22	5.19	0.996	11.7	3.215		11.724	bb	1.609		
HFPO-DA (M+3)	5.22	5.20	0.992	167.1	115.5		167.129	bb			
PFHpA	5.84	5.83	0.999	1059.9	57.59		1059.949	bb	3.727	3.198	NO
PFHpA (M+4)	5.84	5.83	0.999	1660.2	108.8		1660.249	bb			
PFPeS	6.16		0.999						2.445		
6:2 FTS	6.38	6.36	0.998	10.9			10.886	bbl	1.814		
6:2 FTS (M+2)	6.38	6.36	0.995	420.6	101.6		420.638	bb			
PFOA	6.72	6.70	0.999	142.8	9.931		142.763	bb	3.346	4.059	NO
PFOA (M+8)	6.71	6.70	0.999	1365.2	109.0		1365.161	bb			
PFHxS	7.09	7.08	0.999	48.0	4.116		48.011	bb	1.711		
PFHxS (M+3)	7.09	7.06	0.999	1415.8	97.78		1415.768	bb			
PFNA	7.50	7.48	0.999	20.3	3.227		20.261	bb	2.906		
PFNA (M+9)	7.49	7.48	0.999	1050.8	115.8		1050.798	bb			
PFHpS	7.90		0.999						2.291		
8:2 FTS	7.86		0.999						1.070		
8:2 FTS (M+2)	7.86	7.84	0.994	190.1	102.4		190.130	bb			
PFDA	8.20	8.19	0.998	26.2	7.453		26.161	bb	8.061		
PFDA (M+6)	8.20	8.18	0.998	1381.5	131.3		1381.529	bb			
N-MeFOSAA	8.31		0.992						1.606		
N-MeFOSAA (M+3)	8.31	8.30	0.997	467.9	156.2		467.909	bb			
PFOS	8.63	8.62	0.999	127.4	7.236		127.406	MM	2.551	2.322	NO
PFOS (M+8)	8.63	8.62	0.999	1335.5	106.4		1335.492	bb			
N-EtFOSAA	8.60		0.989						1.495		
N-EtFOSAA (M+5)	8.59	8.57	0.994	267.0	168.7		266.960	bb			
PFUnA	8.84	8.60	0.997	11.8	2.511		11.781	bb	5.324		
PFUnA (M+7)	8.84	8.83	0.998	898.7	139.2		898.687	bb			
PFNS	9.29		0.999						2.029		
PFDoA	9.44		0.996						8.622		
PFDoA (M+2)	9.44	9.43	0.993	851.7	144.1		851.726	bb			
PFDS	9.90		0.989						1.701		
PFTrA	10.01	10.01	0.993	15.6	34.90		15.583	bb	5.828		
FOSA	10.36		0.997								
FOSA (M+8)	10.36	10.37	0.997	657.9	125.8		657.879	bb			
PFTeA	10.56		0.984						2.230		
PFTeA (M+2)	10.56	10.55	0.990	220.0	164.8		219.987	bb			

Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Sunday, March 25, 2018 19:34:00 Eastern Daylight Time
Printed: Sunday, March 25, 2018 19:34:08 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180321.mdb 21 Mar 2018 09:26:36
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180321.cdb 22 Mar 2018 11:42:17

Name: E180803-17, Date: 21-Mar-2018, Time: 19:33:07, Description: E180803-17, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:35

PFPeA



original
JG 3/26/18
integrated to get
missing area of peak

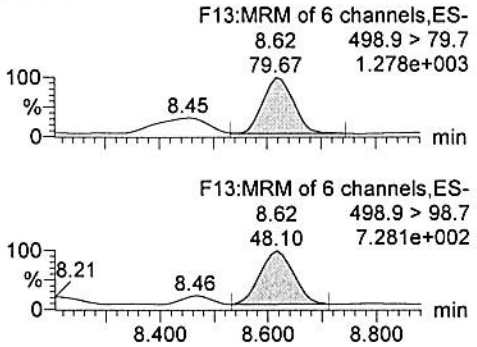
Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFPeA	3.82	3.82	0.999	164.4	12.78		164.406	db			

Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Sunday, March 25, 2018 19:34:00 Eastern Daylight Time
Printed: Sunday, March 25, 2018 19:34:31 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180321.mdb 21 Mar 2018 09:26:36
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180321.cdb 22 Mar 2018 11:42:17

Name: E180803-17, Date: 21-Mar-2018, Time: 19:33:07, Description: E180803-17, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:35

PFOS



original
JG 3/26/18

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFOS	8.63	8.62	0.999	79.7	3.947		79.667	db	2.551	1.656	YES

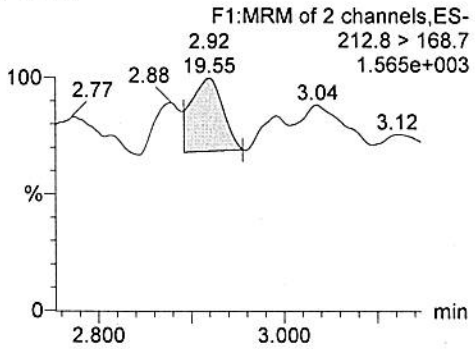
Quantify Sample Report **MassLynx 4.1 SCN919**
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:17 Eastern Daylight Time

JG 3/25/18
JV 3/26/18

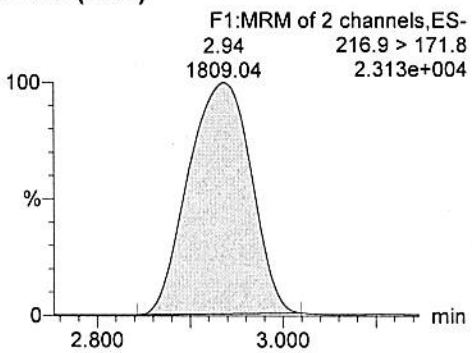
Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180321.mdb 21 Mar 2018 09:26:36
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180321.cdb 22 Mar 2018 11:42:17

Name: E180803-18, Date: 21-Mar-2018, Time: 19:55:34, Description: E180803-18, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:36

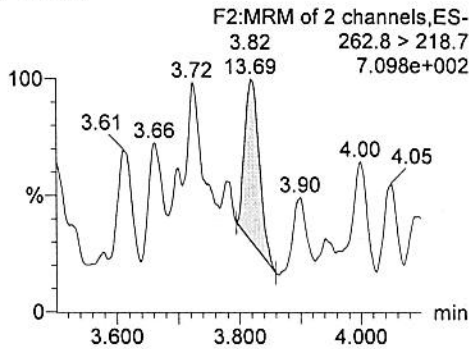
PFBA



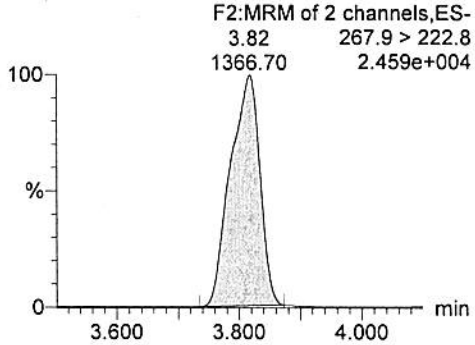
PFBA (M+4)



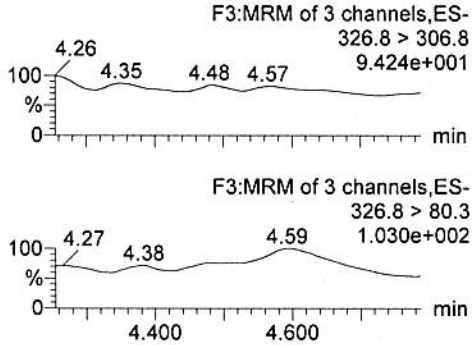
PFPeA



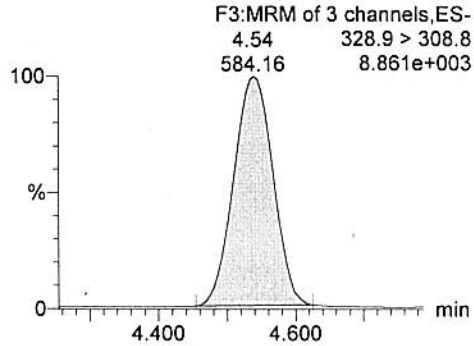
PFPeA (M+5)



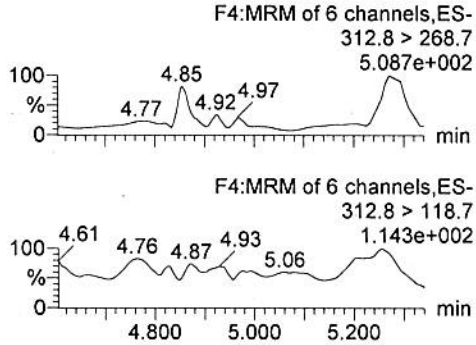
4:2 FTS



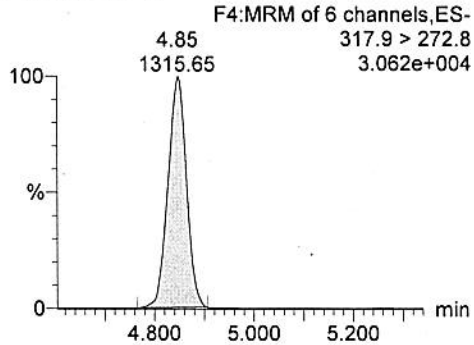
4:2 FTS (M+2)



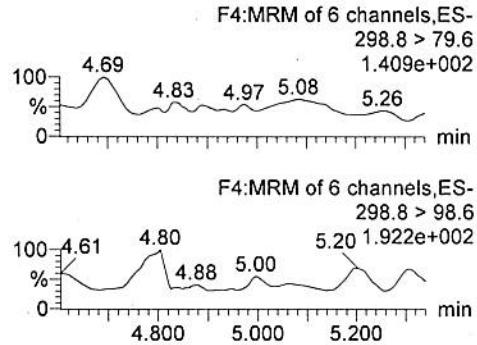
PFHxA



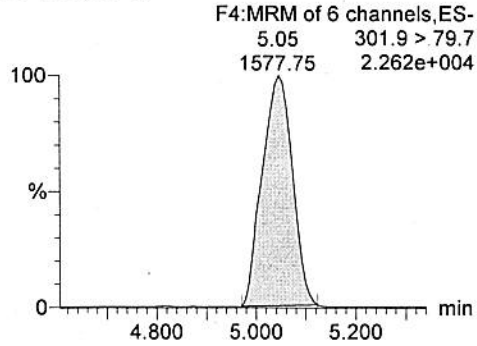
PFHxA (M+5)



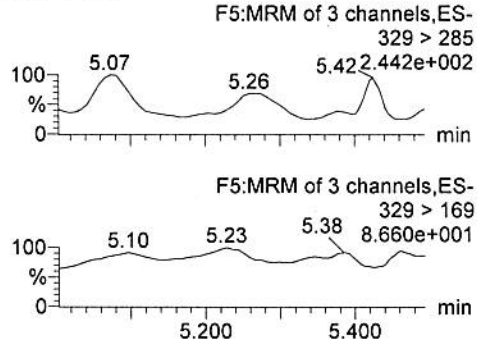
PFBS



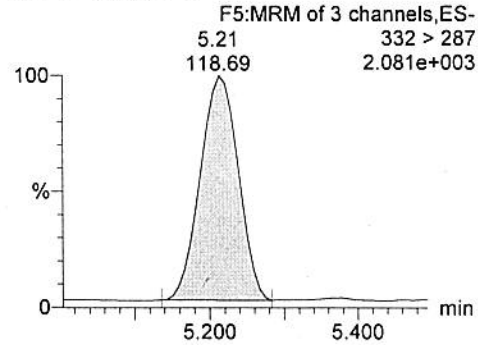
PFBS (M+3)



HFPO-DA



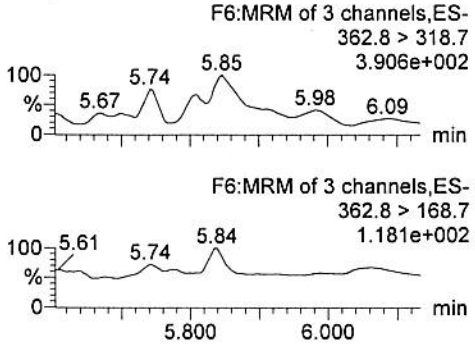
HFPO-DA (M+3)



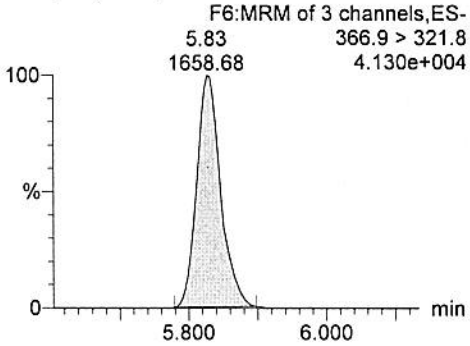
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:17 Eastern Daylight Time

Name: E180803-18, Date: 21-Mar-2018, Time: 19:55:34, Description: E180803-18, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:36

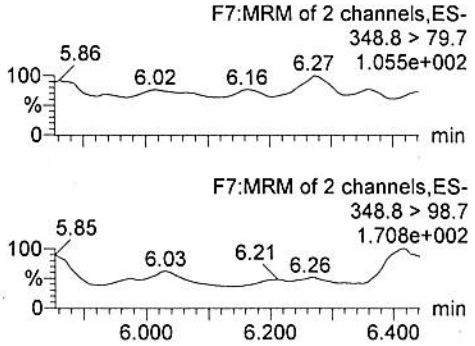
PFHpA



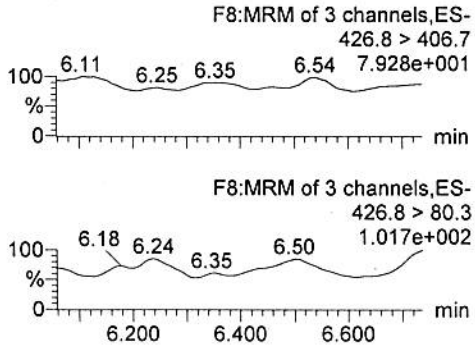
PFHpA (M+4)



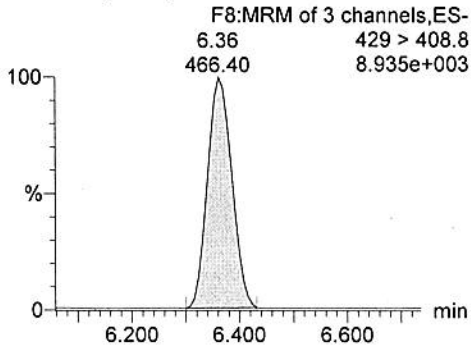
PFPeS



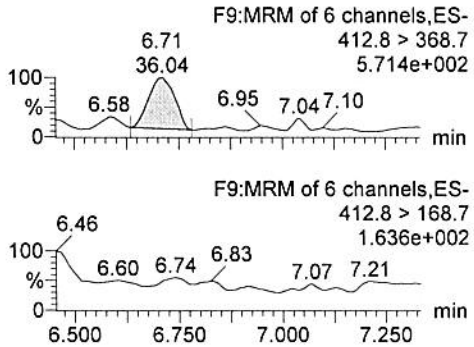
6:2 FTS



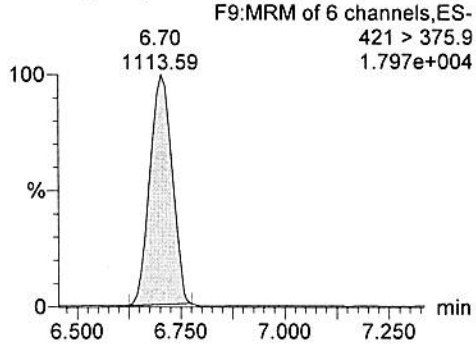
6:2 FTS (M+2)



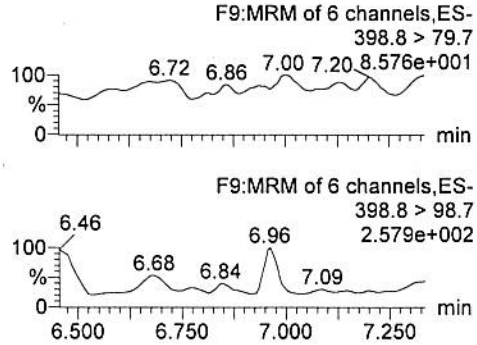
PFOA



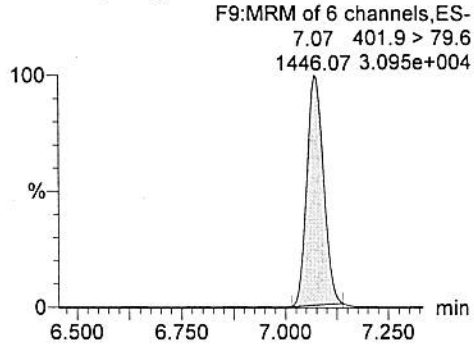
PFOA (M+8)



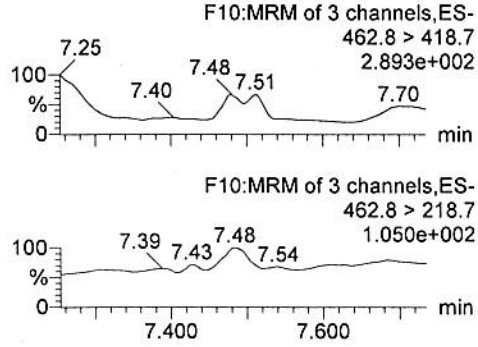
PFHxS



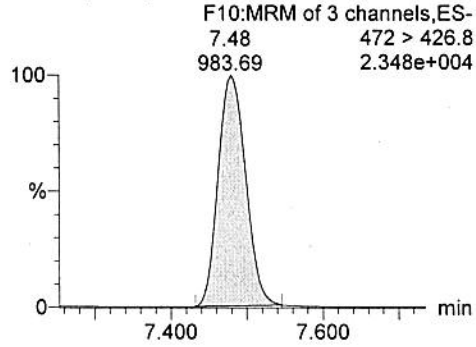
PFHxS (M+3)



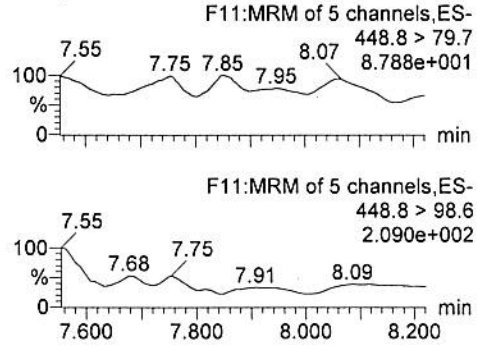
PFNA



PFNA (M+9)



PFHpS



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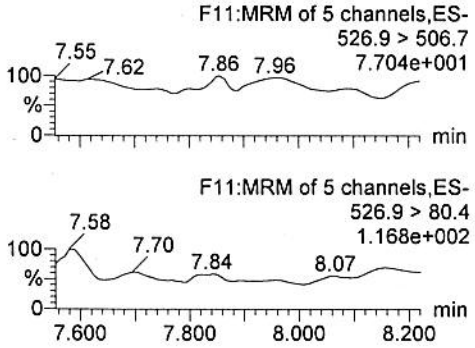
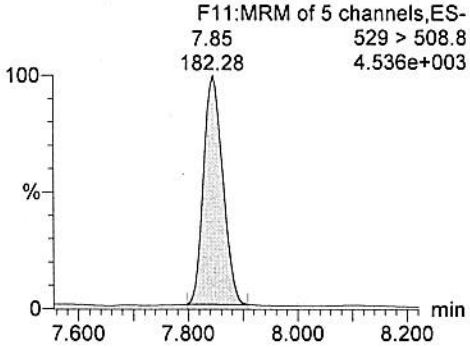
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:17 Eastern Daylight Time

Name: E180803-18, Date: 21-Mar-2018, Time: 19:55:34, Description: E180803-18, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:36

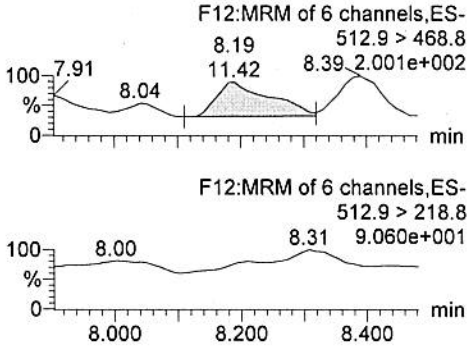
8:2 FTS



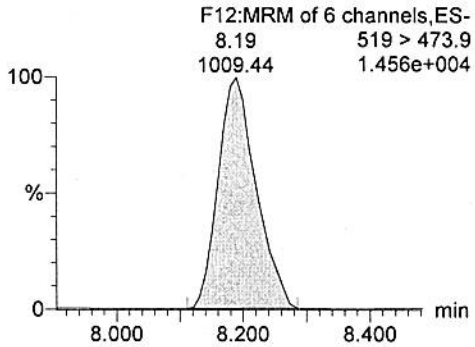
8:2 FTS (M+2)



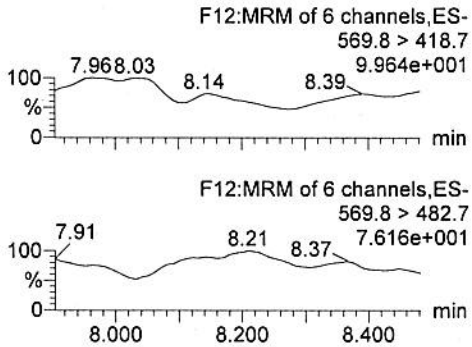
PFDA



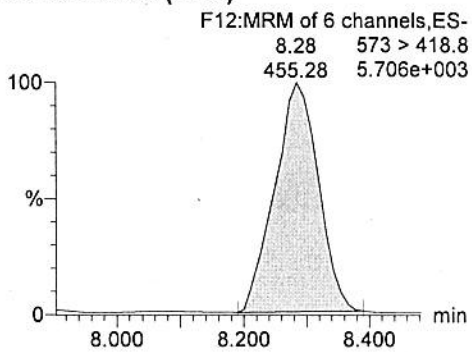
PFDA (M+6)



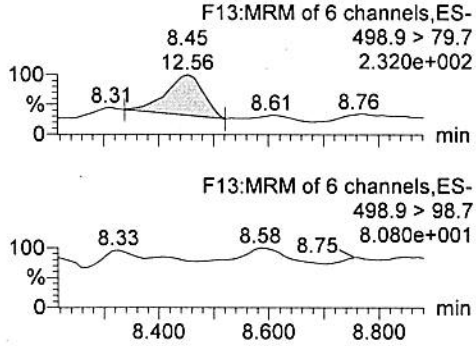
N-MeFOSAA



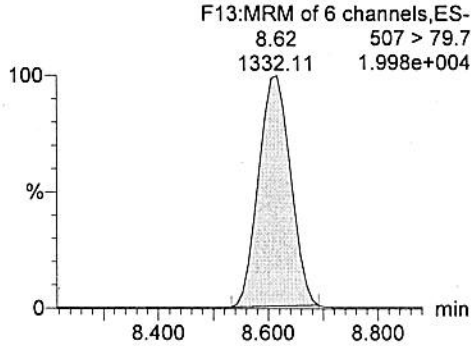
N-MeFOSAA (M+3)



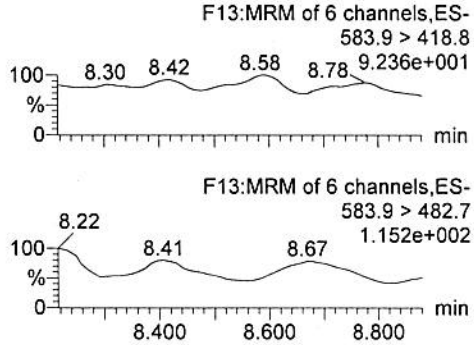
PFOS



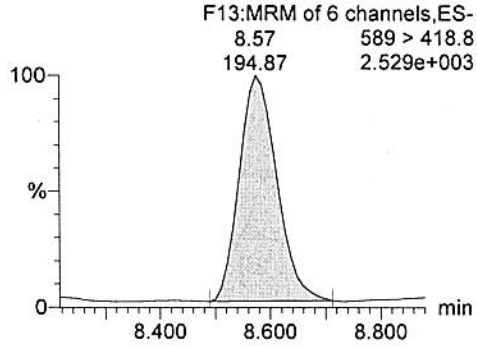
PFOS (M+8)



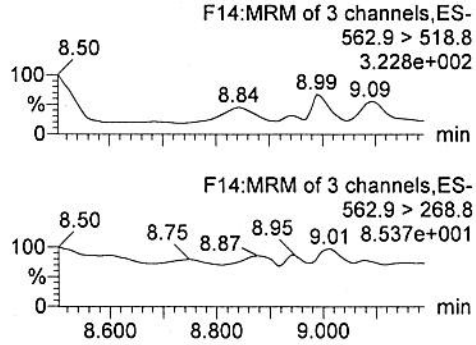
N-EtFOSAA



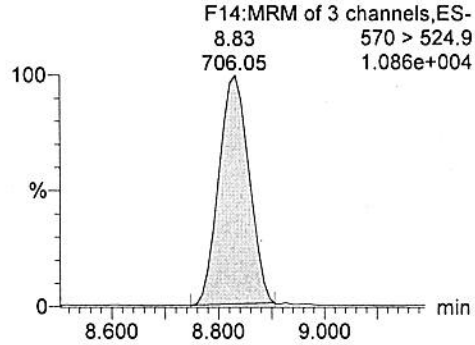
N-EtFOSAA (M+5)



PFUnA



PFUnA (M+7)



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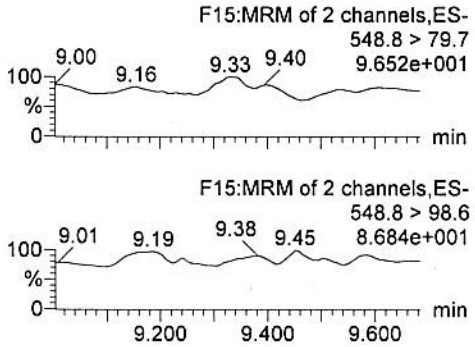
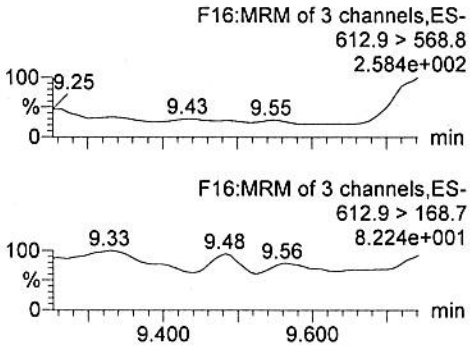
Printed: Thursday, March 22, 2018 12:00:17 Eastern Daylight Time

Name: E180803-18, Date: 21-Mar-2018, Time: 19:55:34, Description: E180803-18, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:36

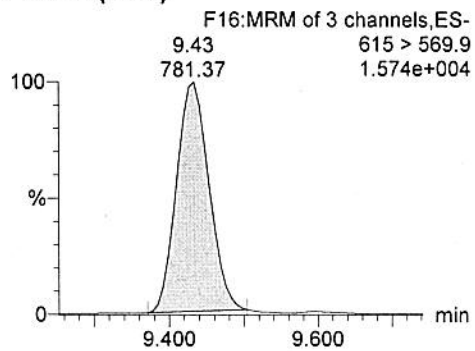
PFNS



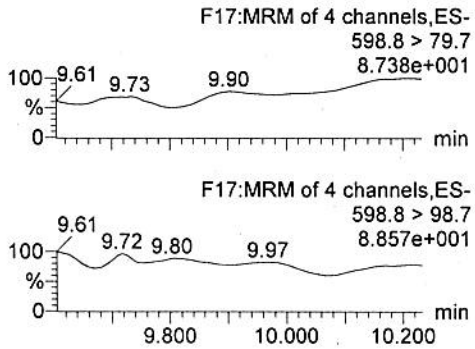
PFDoA



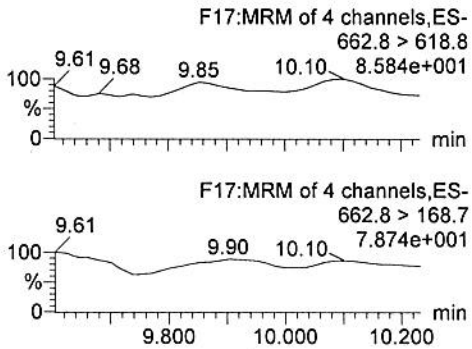
PFDoA (M+2)



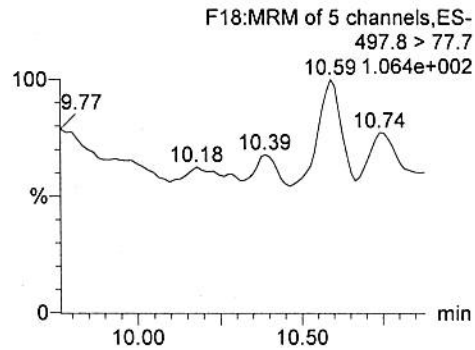
PFDS



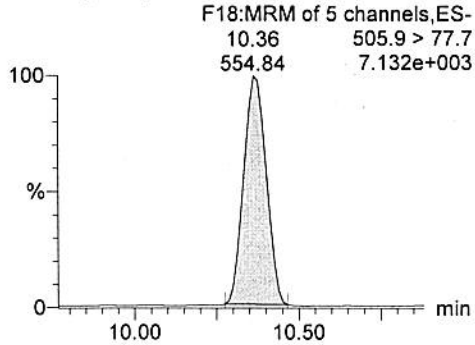
PFTrA



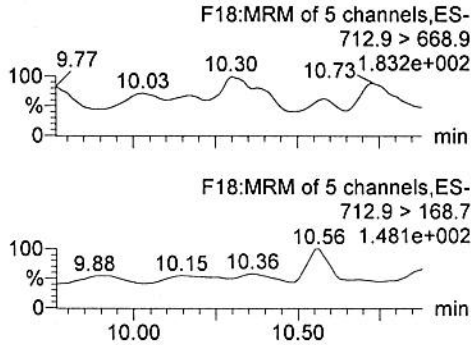
FOSA



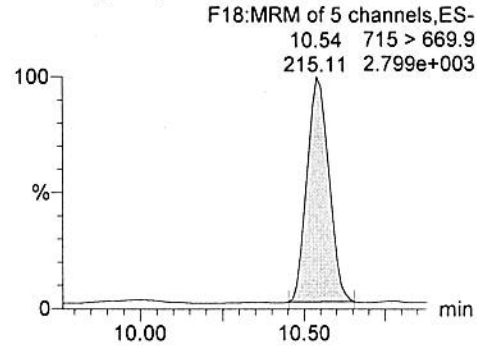
FOSA (M+8)



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
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Printed: Thursday, March 22, 2018 12:00:17 Eastern Daylight Time

Name: E180803-18, Date: 21-Mar-2018, Time: 19:55:34, Description: E180803-18, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:36

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.94	2.92	1.000	19.6	0.8836	x Ft	19.553	db			
PFBA (M+4)	2.94	2.94	1.000	1809.0	110.4		1809.041	bb			
PFPeA	3.82	3.82	0.999	13.7	1.624	x Ft	13.691	bb			
PFPeA (M+5)	3.82	3.82	0.999	1366.7	107.5		1366.701	bb			
4:2 FTS	4.55		0.999						1.893		
4:2 FTS (M+2)	4.54	4.54	0.999	584.2	94.95		584.164	bb			
PFHxA	4.86		0.999						41.048		
PFHxA (M+5)	4.86	4.85	0.999	1315.6	109.8		1315.646	bb			
PFBS	5.06		1.000						2.249		
PFBS (M+3)	5.05	5.05	0.999	1577.7	96.64		1577.747	bb			
HFPO-DA	5.22		0.996						1.609		
HFPO-DA (M+3)	5.22	5.21	0.992	118.7	85.04		118.693	bb			
PFHpA	5.84		0.999						3.727		
PFHpA (M+4)	5.84	5.83	0.999	1658.7	108.7		1658.678	bb			
PFPeS	6.16		0.999						2.445		
6:2 FTS	6.38		0.998						1.814		
6:2 FTS (M+2)	6.38	6.36	0.995	466.4	112.2		466.400	bb			
PFOA	6.72	6.71	0.999	36.0	2.605	x Ft	36.041	bb	3.346		
PFOA (M+8)	6.71	6.70	0.999	1113.6	89.31		1113.591	bb			
PFHxS	7.09		0.999						1.711		
PFHxS (M+3)	7.09	7.07	0.999	1446.1	99.81		1446.066	bb			
PFNA	7.50		0.999						2.906		
PFNA (M+9)	7.49	7.48	0.999	983.7	108.6		983.694	bb			
PFHpS	7.90		0.999						2.291		
8:2 FTS	7.86		0.999						1.070		
8:2 FTS (M+2)	7.86	7.85	0.994	182.3	98.63		182.284	bb			
PFDA	8.20	8.19	0.998	11.4	6.038	x Ft	11.418	bd	8.061		
PFDA (M+6)	8.20	8.19	0.998	1009.4	97.74		1009.443	bb			
N-MeFOSAA	8.31		0.992						1.606		
N-MeFOSAA (M+3)	8.31	8.28	0.997	455.3	152.3		455.281	bb			
PFOS	8.63	8.45	0.999	12.6			12.555	bbl	2.551		
PFOS (M+8)	8.63	8.62	0.999	1332.1	106.1		1332.114	bb			
N-EtFOSAA	8.60		0.989						1.495		
N-EtFOSAA (M+5)	8.59	8.57	0.994	194.9	130.9		194.867	bb			
PFUnA	8.84		0.997						5.324		
PFUnA (M+7)	8.84	8.83	0.998	706.0	112.0		706.047	bb			
PFNS	9.29		0.999						2.029		
PFDoA	9.44		0.996						8.622		
PFDoA (M+2)	9.44	9.43	0.993	781.4	133.7		781.367	bb			
PFDS	9.90		0.989						1.701		
PFTrA	10.01		0.993						5.828		
FOSA	10.36		0.997								
FOSA (M+8)	10.36	10.36	0.997	554.8	107.0		554.840	bb			
PFTeA	10.56		0.984						2.230		
PFTeA (M+2)	10.56	10.54	0.990	215.1	162.2		215.106	bb			

Ft = false positive

Quantify Sample Report **MassLynx 4.1 SCN919**
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
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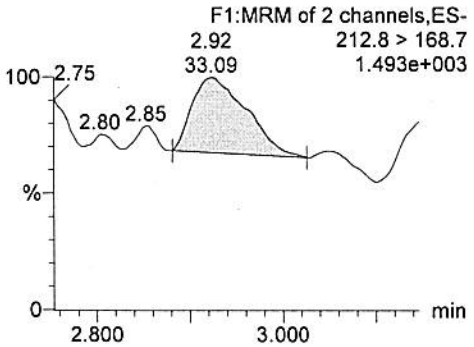
Printed: Thursday, March 22, 2018 12:00:18 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180321.mdb 21 Mar 2018 09:26:36
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180321.cdb 22 Mar 2018 11:42:17

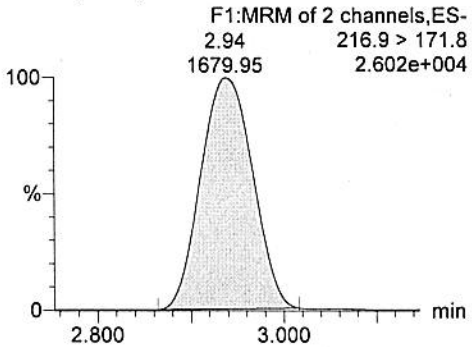
JG 3/25/18
JV 3/26/18

Name: E180803-19, Date: 21-Mar-2018, Time: 20:18:01, Description: E180803-19, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:37

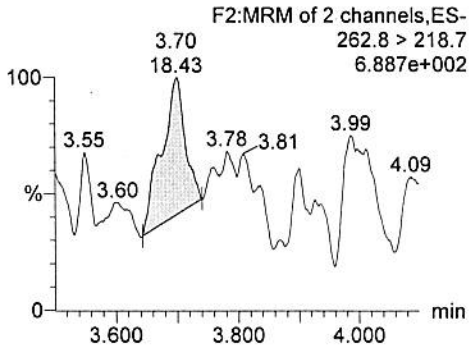
PFBA



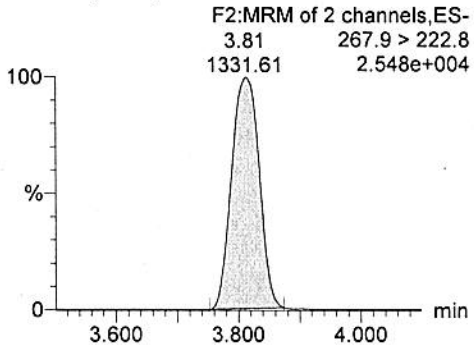
PFBA (M+4)



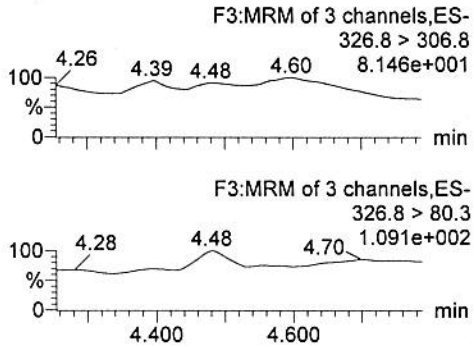
PFPeA



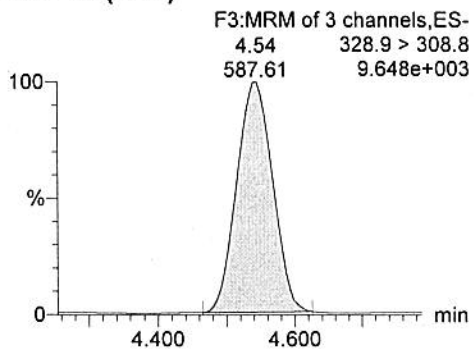
PFPeA (M+5)



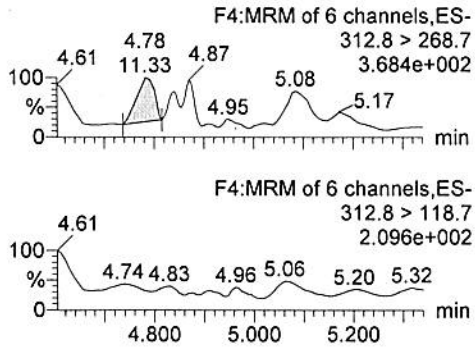
4:2 FTS



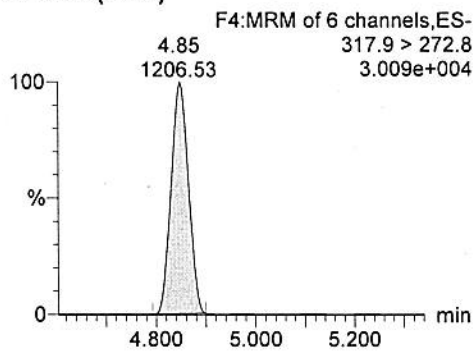
4:2 FTS (M+2)



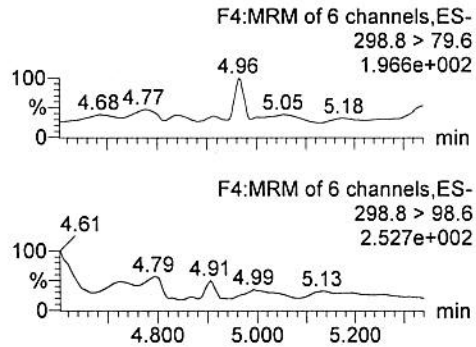
PFHxA



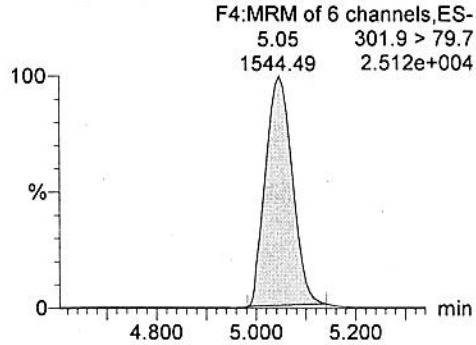
PFHxA (M+5)



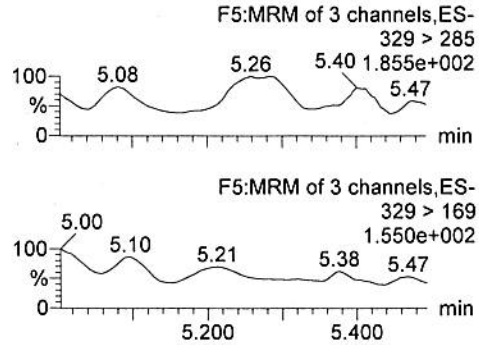
PFBS



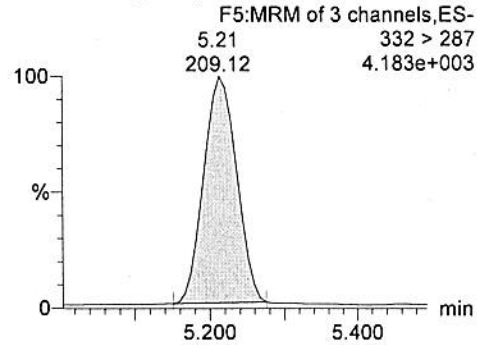
PFBS (M+3)



HFPO-DA



HFPO-DA (M+3)



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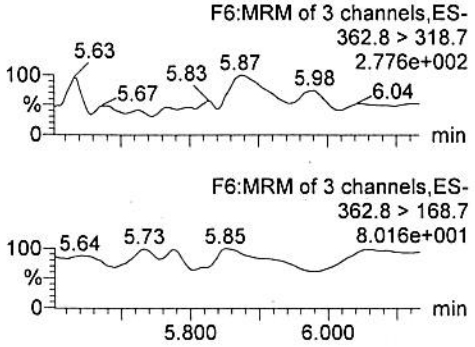
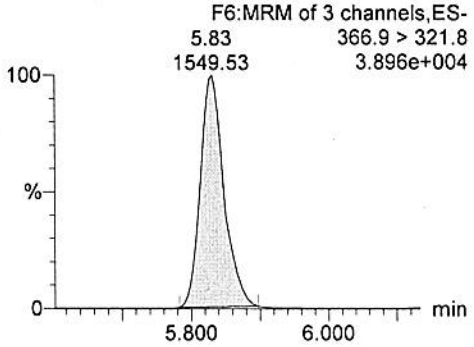
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:18 Eastern Daylight Time

Name: E180803-19, Date: 21-Mar-2018, Time: 20:18:01, Description: E180803-19, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:37

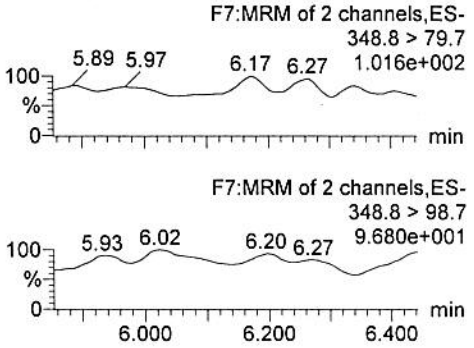
PFHpA



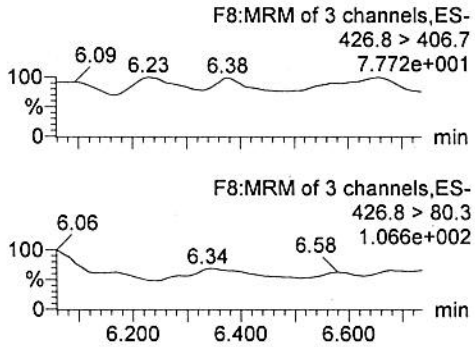
PFHpA (M+4)



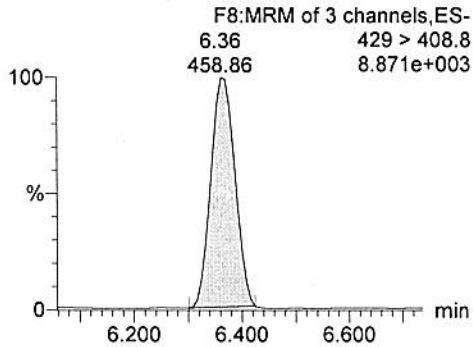
PFPeS



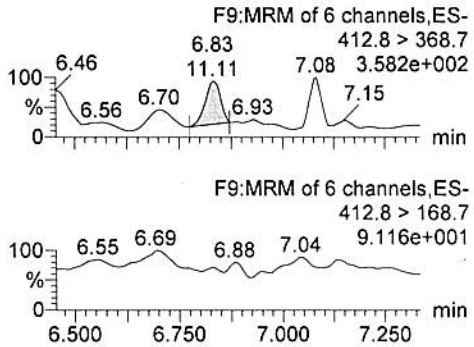
6:2 FTS



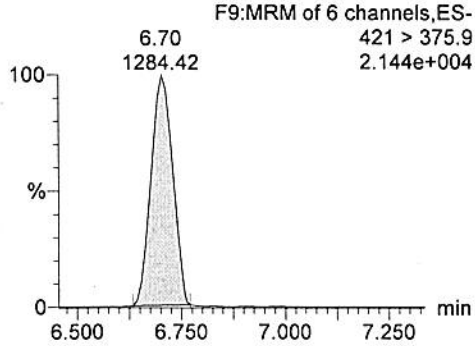
6:2 FTS (M+2)



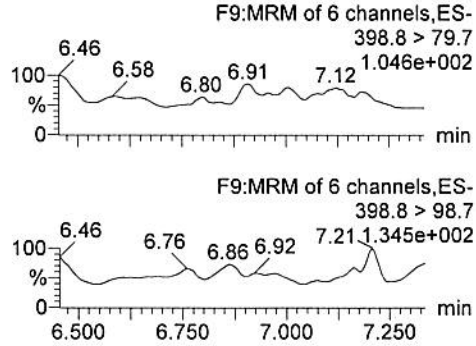
PFOA



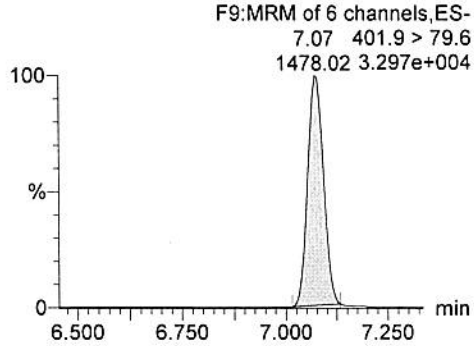
PFOA (M+8)



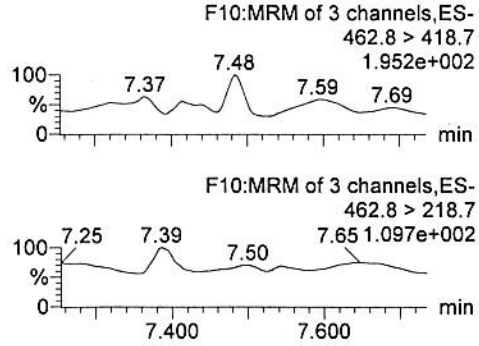
PFHxS



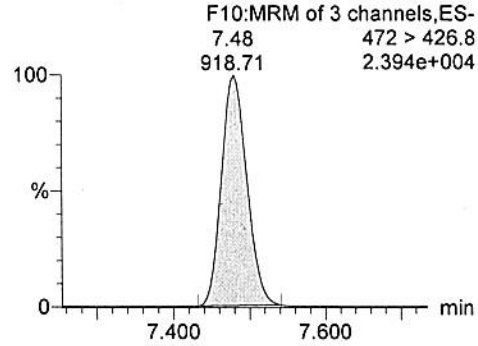
PFHxS (M+3)



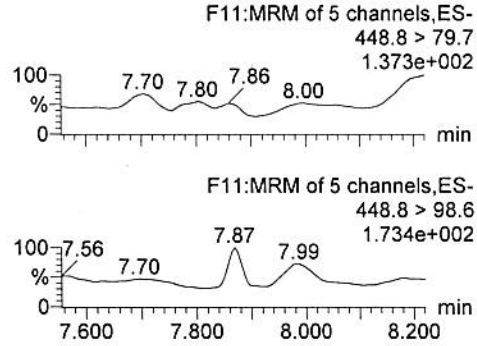
PFNA



PFNA (M+9)



PFHpS



Quantify Sample Report **MassLynx 4.1 SCN919**
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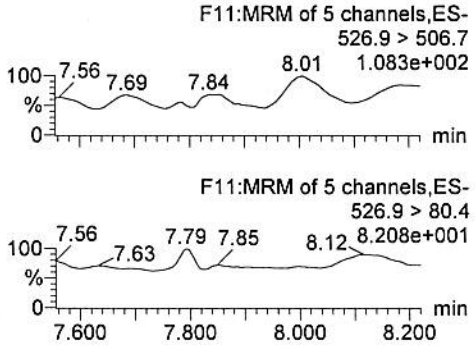
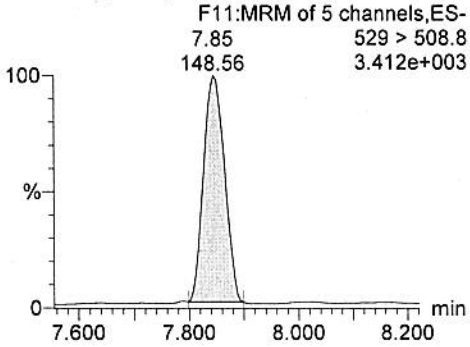
Printed: Thursday, March 22, 2018 12:00:18 Eastern Daylight Time

Name: E180803-19, Date: 21-Mar-2018, Time: 20:18:01, Description: E180803-19, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:37

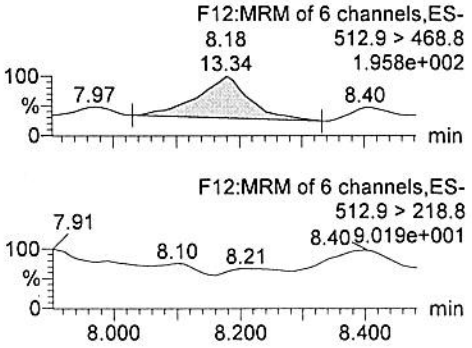
8:2 FTS



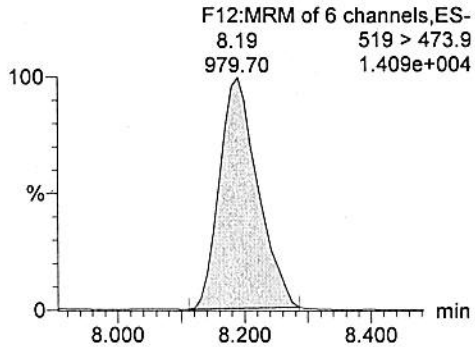
8:2 FTS (M+2)



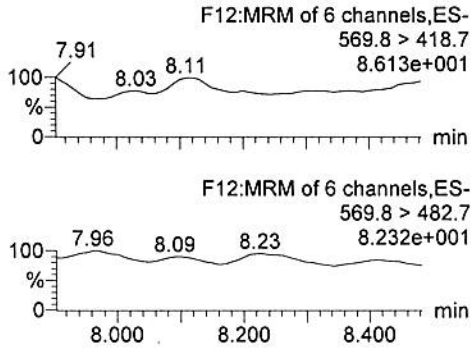
PFDA



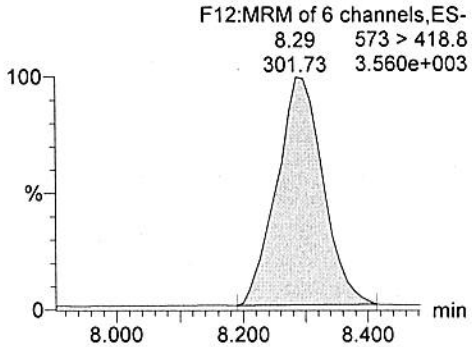
PFDA (M+6)



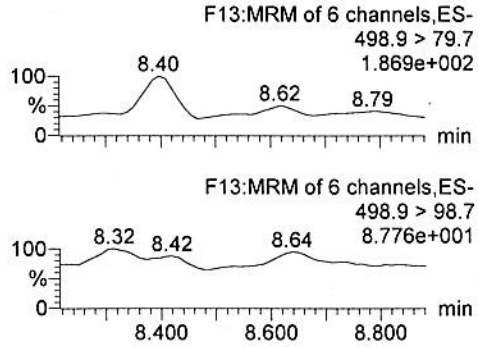
N-MeFOSAA



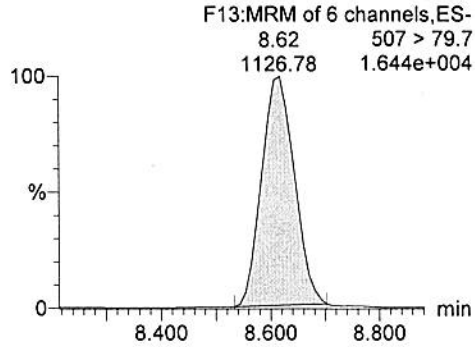
N-MeFOSAA (M+3)



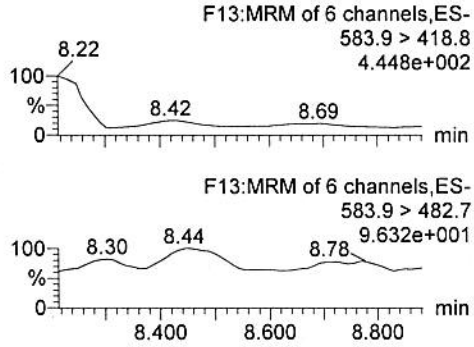
PFOS



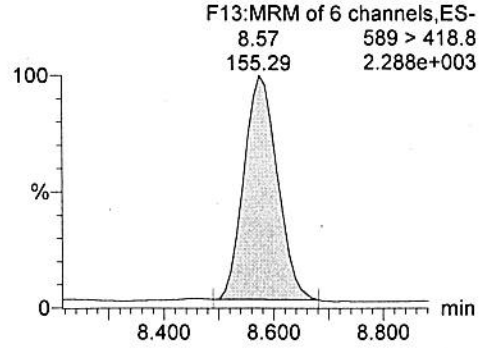
PFOS (M+8)



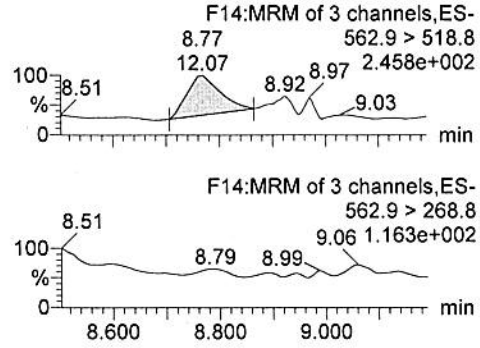
N-EtFOSAA



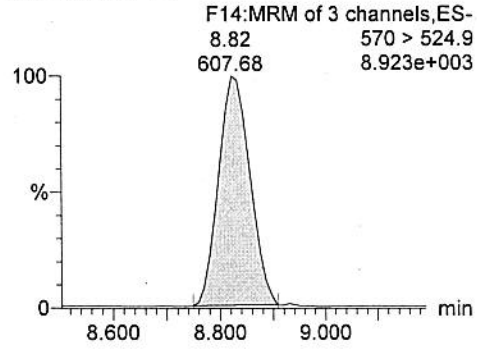
N-EtFOSAA (M+5)



PFUnA



PFUnA (M+7)



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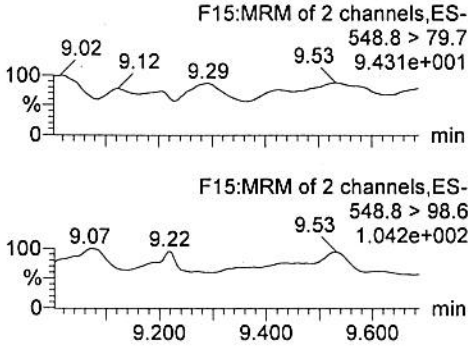
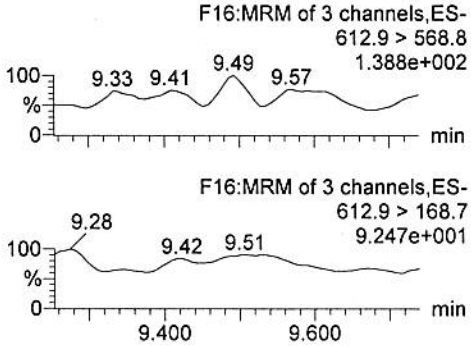
Name: E180803-19, Date: 21-Mar-2018, Time: 20:18:01, Description: E180803-19, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:37

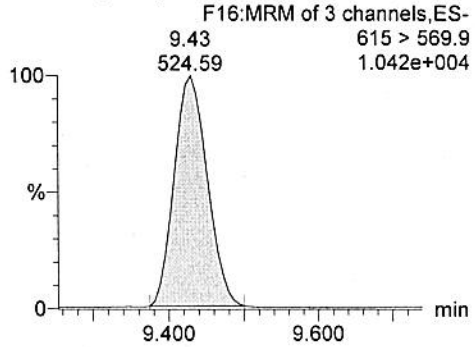
PFNS



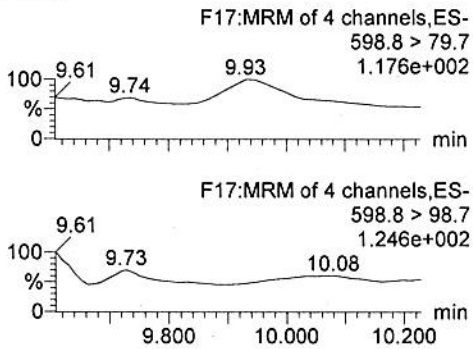
PFDoA



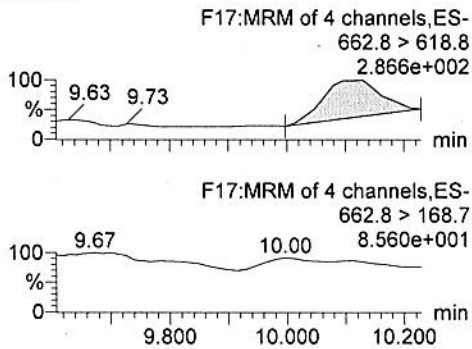
PFDoA (M+2)



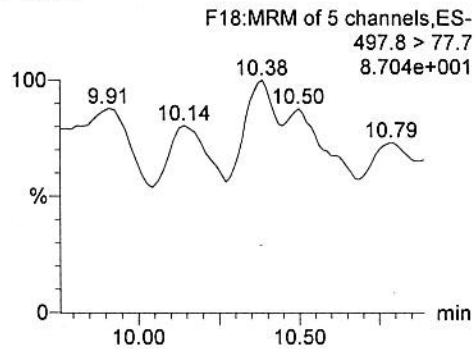
PFDS



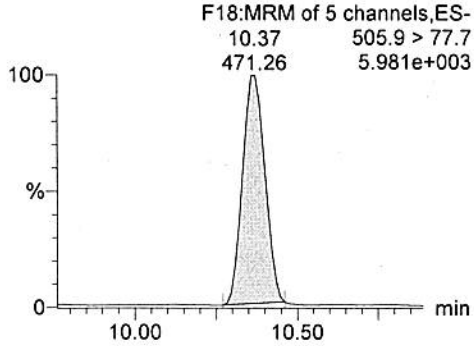
PFTrA



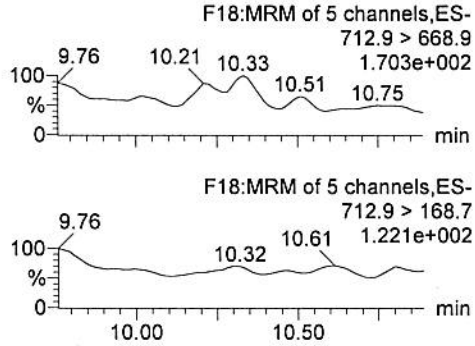
FOSA



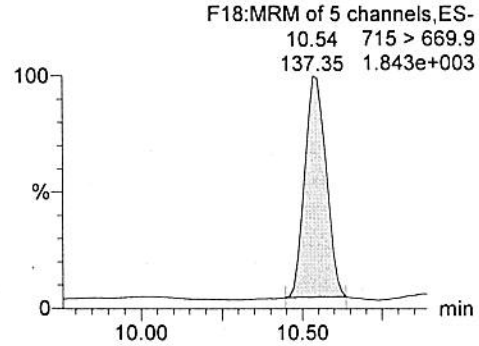
FOSA (M+8)



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
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Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
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Name: E180803-19, Date: 21-Mar-2018, Time: 20:18:01, Description: E180803-19, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:37

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.94	2.92	1.000	33.1	1.739	XFt	33.094	bb			
PFBA (M+4)	2.94	2.94	1.000	1679.9	102.6		1679.948	bb			
PFPeA	3.82	3.70	0.999	18.4	1.975	XFt	18.428	bb			
PFPeA (M+5)	3.82	3.81	0.999	1331.6	104.9		1331.613	bb			
4:2 FTS	4.55		0.999						1.893		
4:2 FTS (M+2)	4.54	4.54	0.999	587.6	95.50		587.608	bb			
PFHxA	4.86	4.78	0.999	11.3	0.9275	XFt	11.332	bb	41.048		
PFHxA (M+5)	4.86	4.85	0.999	1206.5	101.0		1206.531	bb			
PFBS	5.06		1.000						2.249		
PFBS (M+3)	5.05	5.05	0.999	1544.5	94.66		1544.489	bb			
HFPO-DA	5.22		0.996						1.609		
HFPO-DA (M+3)	5.22	5.21	0.992	209.1	141.9		209.122	bb			
PFHpA	5.84		0.999						3.727		
PFHpA (M+4)	5.84	5.83	0.999	1549.5	101.8		1549.526	bb			
PFPeS	6.16		0.999						2.445		
6:2 FTS	6.38		0.998						1.814		
6:2 FTS (M+2)	6.38	6.36	0.995	458.9	110.5		458.857	bb			
PFOA	6.72	6.83	0.999	11.1	0.8930	XFt	11.109	bb	3.346		
PFOA (M+8)	6.71	6.70	0.999	1284.4	102.7		1284.416	bb			
PFHxS	7.09		0.999						1.711		
PFHxS (M+3)	7.09	7.07	0.999	1478.0	102.0		1478.020	bb			
PFNA	7.50		0.999						2.906		
PFNA (M+9)	7.49	7.48	0.999	918.7	101.7		918.710	bb			
PFHpS	7.90		0.999						2.291		
8:2 FTS	7.86		0.999						1.070		
8:2 FTS (M+2)	7.86	7.85	0.994	148.6	82.45		148.559	bb			
PFDA	8.20	8.18	0.998	13.3	6.223	XFt	13.340	bb	8.061		
PFDA (M+6)	8.20	8.19	0.998	979.7	95.05		979.699	bb			
N-MeFOSAA	8.31		0.992						1.606		
N-MeFOSAA (M+3)	8.31	8.29	0.997	301.7	105.5		301.729	bb			
PFOS	8.63		0.999						2.551		
PFOS (M+8)	8.63	8.62	0.999	1126.8	89.74		1126.775	bb			
N-EtFOSAA	8.60		0.989						1.495		
N-EtFOSAA (M+5)	8.59	8.57	0.994	155.3	110.2		155.292	bb			
PFUnA	8.84	8.77	0.997	12.1	2.546	XFt	12.072	bb	5.324		
PFUnA (M+7)	8.84	8.82	0.998	607.7	98.07		607.679	bb			
PFNS	9.29		0.999						2.029		
PFDoA	9.44		0.996						8.622		
PFDoA (M+2)	9.44	9.43	0.993	524.6	95.50		524.589	bb			
PFDS	9.90		0.989						1.701		
PFTrA	10.01	10.13	0.993	20.9	36.59	XFt	20.878	bb	5.828		
FOSA	10.36		0.997								
FOSA (M+8)	10.36	10.37	0.997	471.3	91.75		471.257	bb			
PFTeA	10.56		0.984						2.230		
PFTeA (M+2)	10.56	10.54	0.990	137.3	121.9		137.349	bb			

Ft=false positive

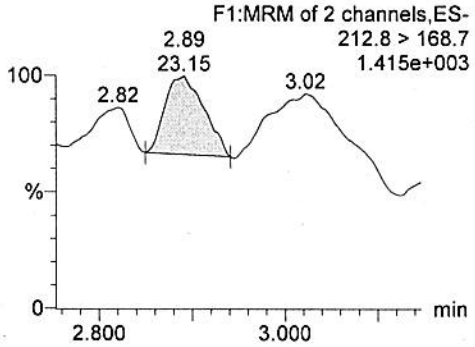
Quantify Sample Report **MassLynx 4.1 SCN919**
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:19 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180321.mdb 21 Mar 2018 09:26:36
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180321.cdb 22 Mar 2018 11:42:17

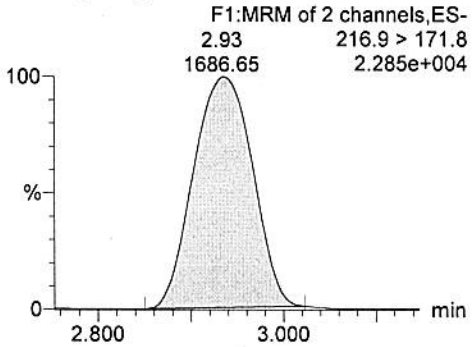
JG 3/25/18
JN 3/26/18

Name: E180803-20, Date: 21-Mar-2018, Time: 20:40:28, Description: E180803-20, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:38

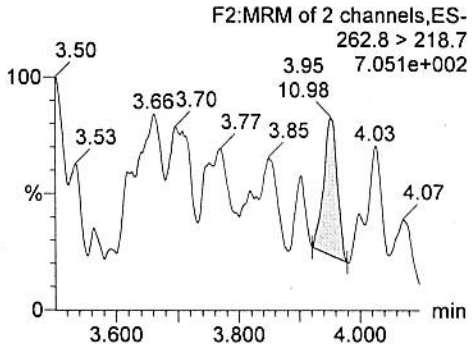
PFBA



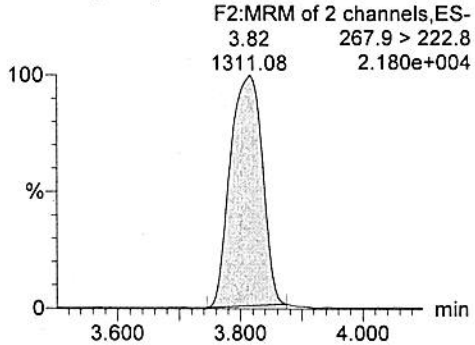
PFBA (M+4)



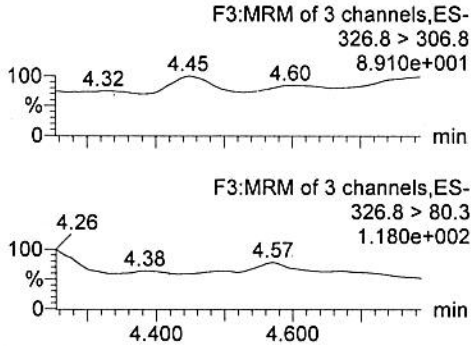
PFPeA



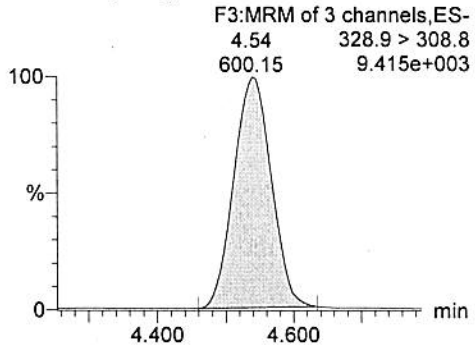
PFPeA (M+5)



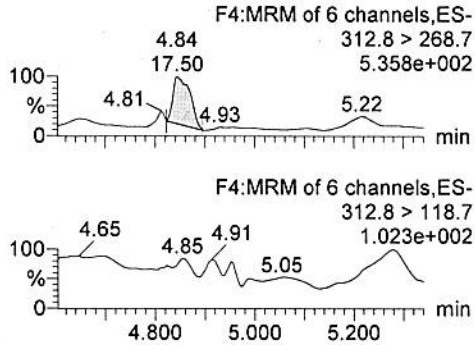
4:2 FTS



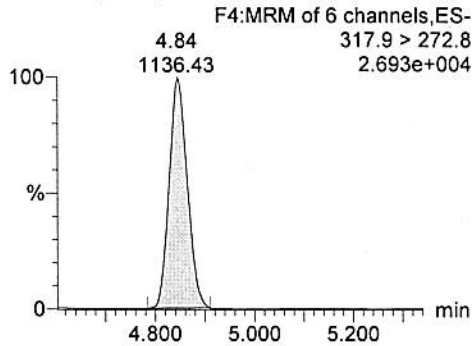
4:2 FTS (M+2)



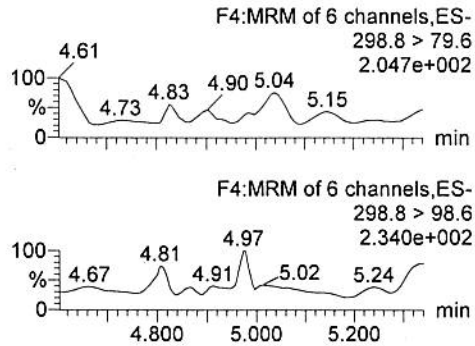
PFHxA



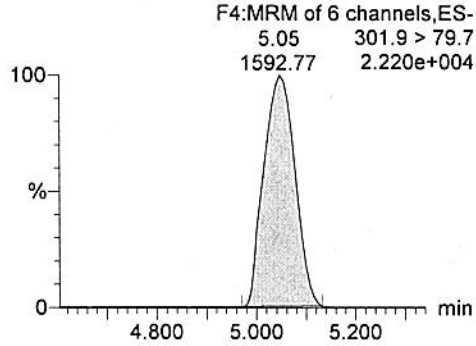
PFHxA (M+5)



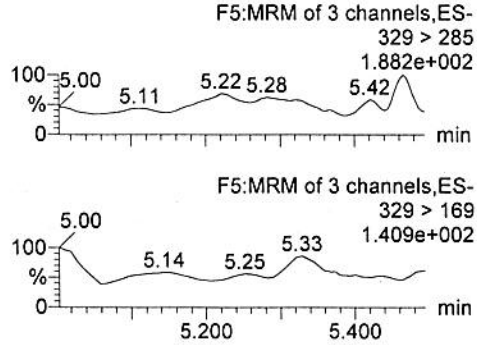
PFBS



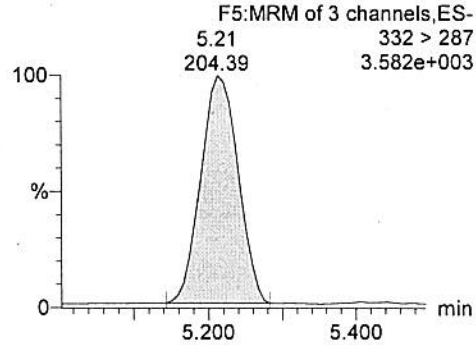
PFBS (M+3)



HFPO-DA



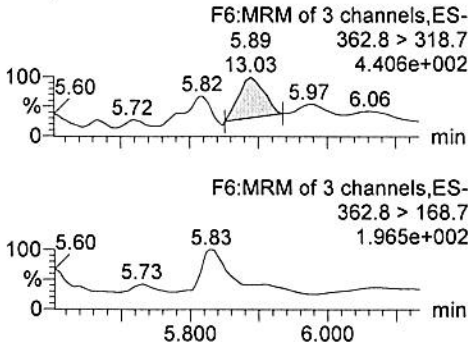
HFPO-DA (M+3)



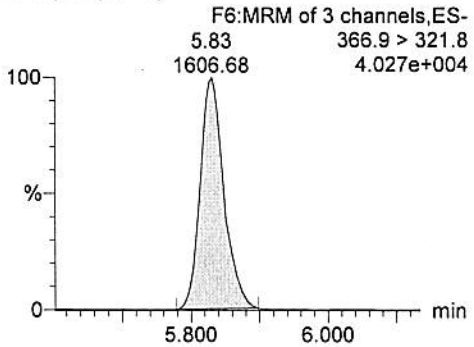
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:19 Eastern Daylight Time

Name: E180803-20, Date: 21-Mar-2018, Time: 20:40:28, Description: E180803-20, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:38

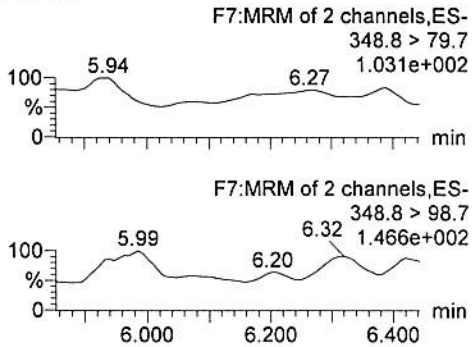
PFHpA



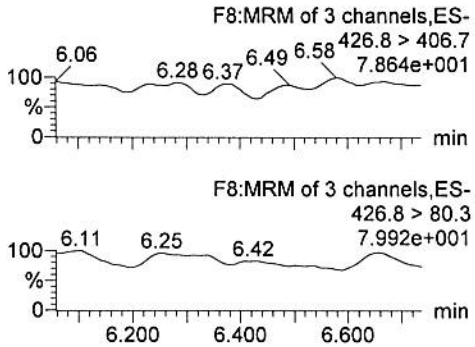
PFHpA (M+4)



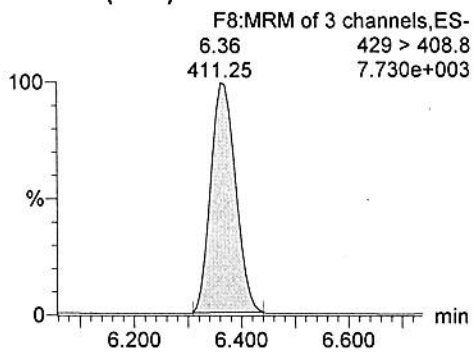
PFPeS



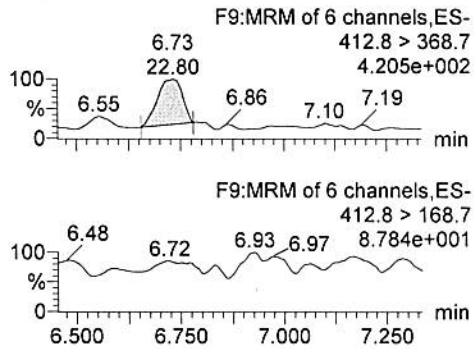
6:2 FTS



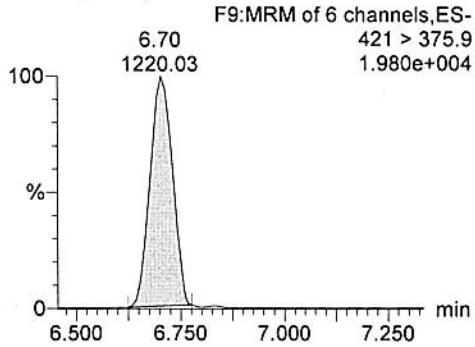
6:2 FTS (M+2)



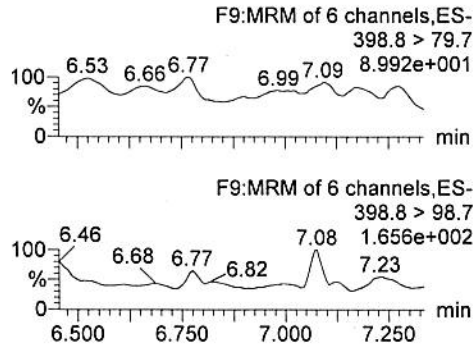
PFOA



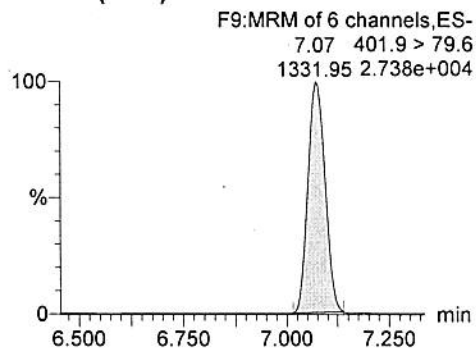
PFOA (M+8)



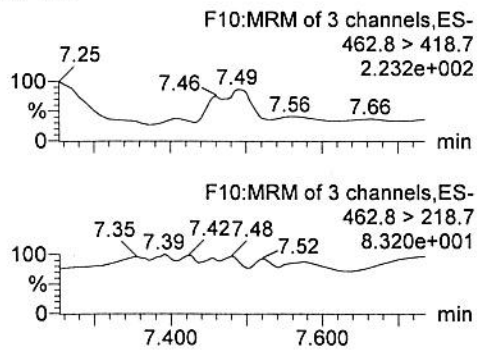
PFHxS



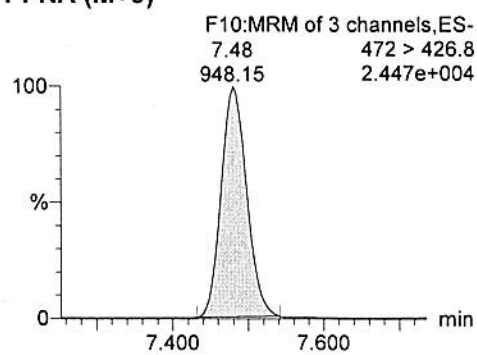
PFHxS (M+3)



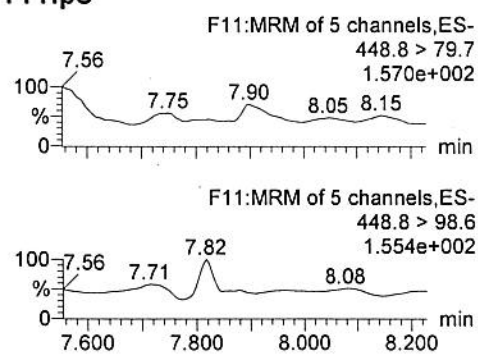
PFNA



PFNA (M+9)



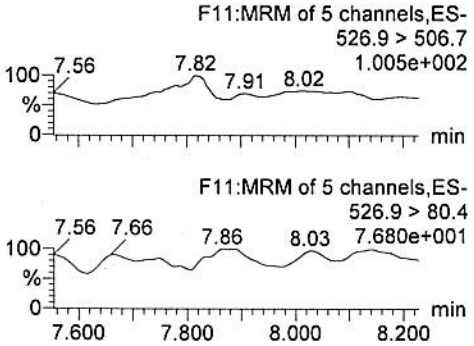
PFHpS



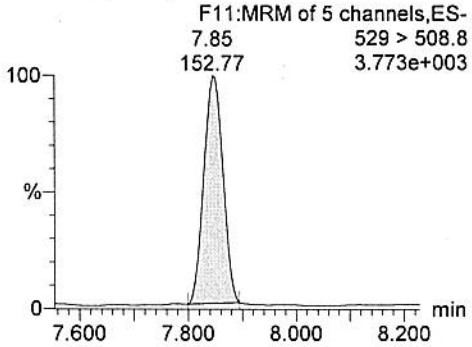
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:19 Eastern Daylight Time

Name: E180803-20, Date: 21-Mar-2018, Time: 20:40:28, Description: E180803-20, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:38

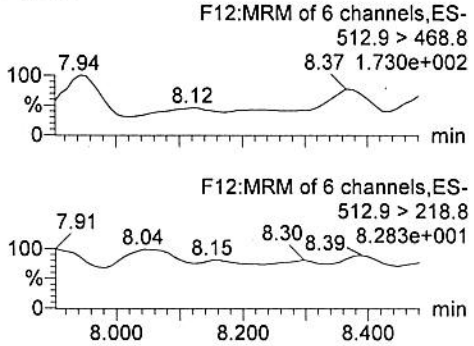
8:2 FTS



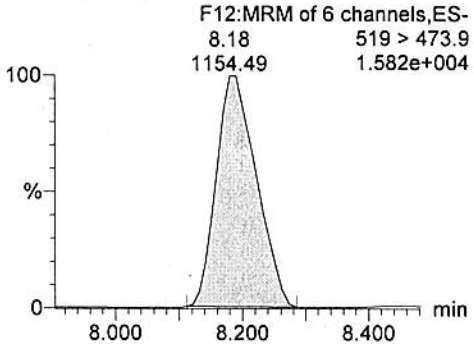
8:2 FTS (M+2)



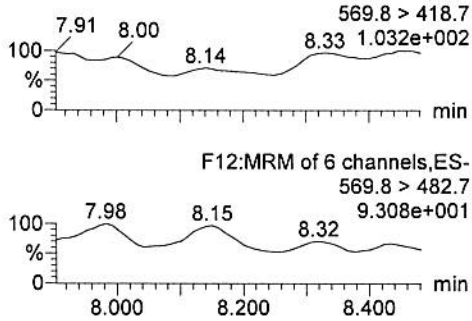
PFDA



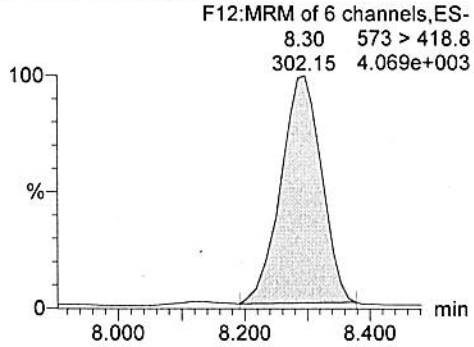
PFDA (M+6)



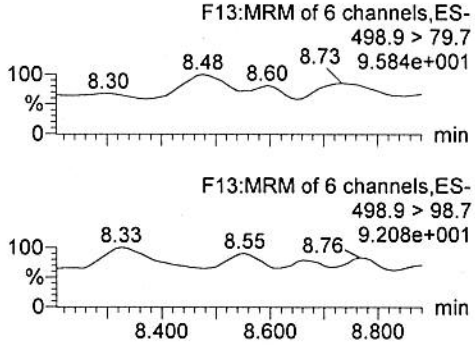
N-MeFOSAA



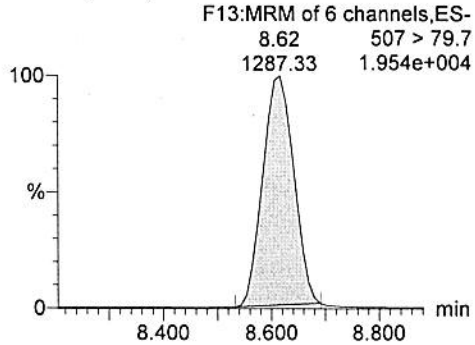
N-MeFOSAA (M+3)



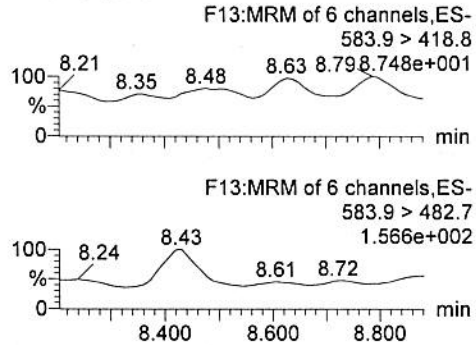
PFOS



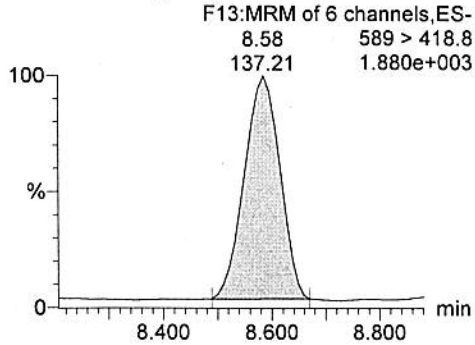
PFOS (M+8)



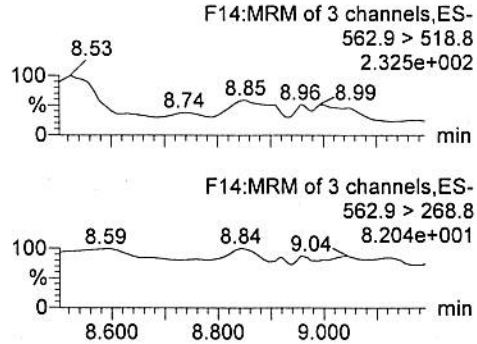
N-EtFOSAA



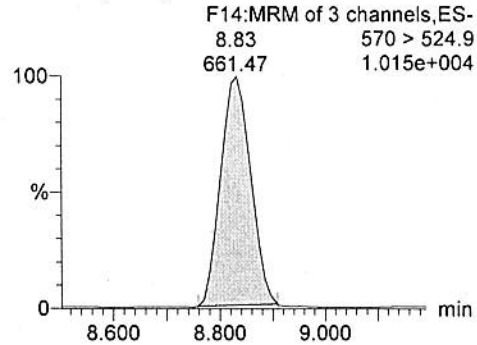
N-EtFOSAA (M+5)



PFUnA



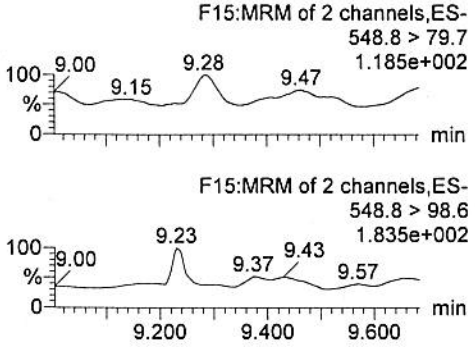
PFUnA (M+7)



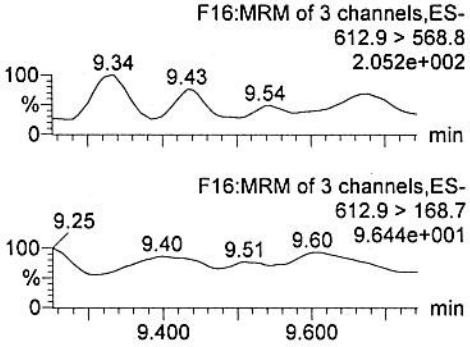
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:19 Eastern Daylight Time

Name: E180803-20, Date: 21-Mar-2018, Time: 20:40:28, Description: E180803-20, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:38

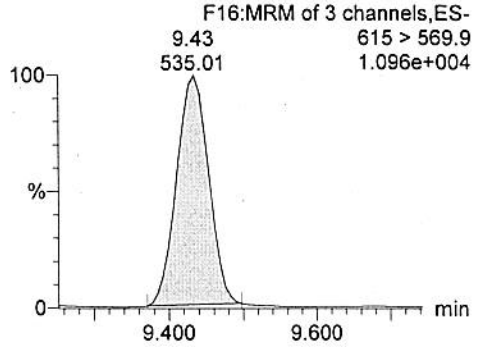
PFNS



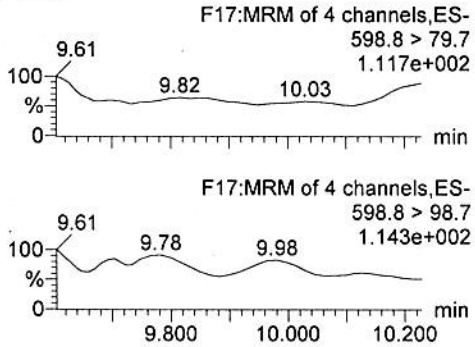
PFDoA



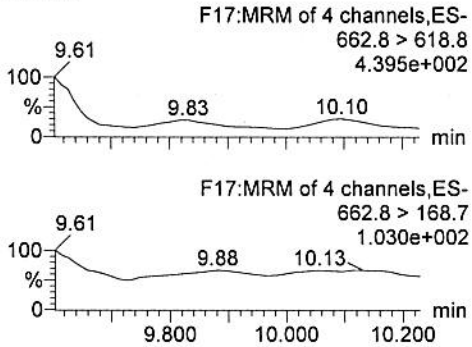
PFDoA (M+2)



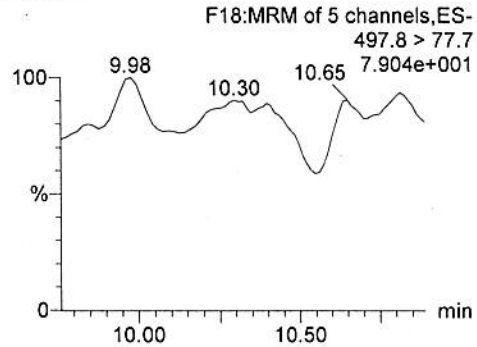
PFDS



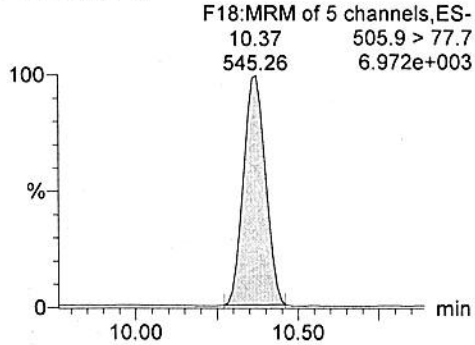
PFTrA



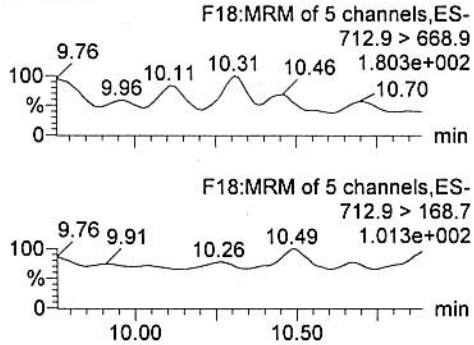
FOSA



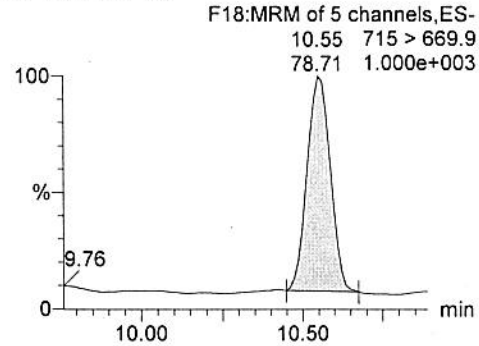
FOSA (M+8)



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:19 Eastern Daylight Time

Name: E180803-20, Date: 21-Mar-2018, Time: 20:40:28, Description: E180803-20, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:38

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.94	2.89	1.000	23.1	1.111	X Ft	23.149	bb			
PFBA (M+4)	2.94	2.93	1.000	1686.7	103.1		1686.653	bb			
PFPeA	3.82	3.95	0.999	11.0	1.424	X Ft	10.984	bb			
PFPeA (M+5)	3.82	3.82	0.999	1311.1	103.3		1311.082	bb			
4:2 FTS	4.55		0.999						1.893		
4:2 FTS (M+2)	4.54	4.54	0.999	600.2	97.52		600.153	bb			
PFHxA	4.86	4.84	0.999	17.5	1.436	X Ft	17.505	bb	41.048		
PFHxA (M+5)	4.86	4.84	0.999	1136.4	95.34		1136.427	bb			
PFBS	5.06		1.000						2.249		
PFBS (M+3)	5.05	5.05	0.999	1592.8	97.54		1592.773	bb			
HFPO-DA	5.22		0.996						1.609		
HFPO-DA (M+3)	5.22	5.21	0.992	204.4	138.9		204.386	bb			
PFHpA	5.84	5.89	0.999	13.0	0.7974	X Ft	13.027	bb	3.727		
PFHpA (M+4)	5.84	5.83	0.999	1606.7	105.4		1606.679	bb			
PFPeS	6.16		0.999						2.445		
6:2 FTS	6.38		0.998						1.814		
6:2 FTS (M+2)	6.38	6.36	0.995	411.3	99.40		411.253	bb			
PFOA	6.72	6.73	0.999	22.8	1.695	X Ft	22.795	bb	3.346		
PFOA (M+8)	6.71	6.70	0.999	1220.0	97.63		1220.033	bb			
PFHxS	7.09		0.999						1.711		
PFHxS (M+3)	7.09	7.07	0.999	1332.0	92.15		1331.952	bb			
PFNA	7.50		0.999						2.906		
PFNA (M+9)	7.49	7.48	0.999	948.2	104.8		948.155	bb			
PFHpS	7.90		0.999						2.291		
8:2 FTS	7.86		0.999						1.070		
8:2 FTS (M+2)	7.86	7.85	0.994	152.8	84.46		152.766	bb			
PFDA	8.20		0.998						8.061		
PFDA (M+6)	8.20	8.18	0.998	1154.5	110.8		1154.488	bb			
N-MeFOSAA	8.31		0.992						1.606		
N-MeFOSAA (M+3)	8.31	8.30	0.997	302.2	105.6		302.155	bb			
PFOS	8.63		0.999						2.551		
PFOS (M+8)	8.63	8.62	0.999	1287.3	102.5		1287.333	bb			
N-EtFOSAA	8.60		0.989						1.495		
N-EtFOSAA (M+5)	8.59	8.58	0.994	137.2	100.7		137.214	bb			
PFUnA	8.84		0.997						5.324		
PFUnA (M+7)	8.84	8.83	0.998	661.5	105.7		661.469	bb			
PFNS	9.29		0.999						2.029		
PFDoA	9.44		0.996						8.622		
PFDoA (M+2)	9.44	9.43	0.993	535.0	97.04		535.005	bb			
PFDS	9.90		0.989						1.701		
PFTrA	10.01		0.993						5.828		
FOSA	10.36		0.997								
FOSA (M+8)	10.36	10.37	0.997	545.3	105.2		545.255	bb			
PFTeA	10.56		0.984						2.230		
PFTeA (M+2)	10.56	10.55	0.990	78.7	91.43		78.707	bb			

Ft=false positive

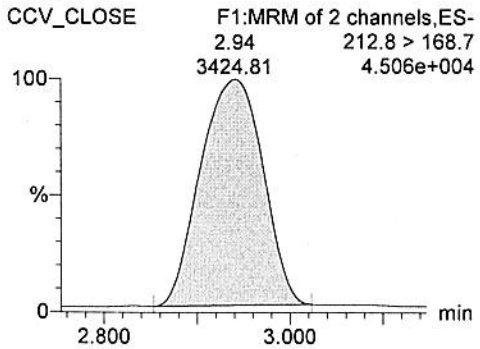
Quantify Sample Report **MassLynx 4.1 SCN919**
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:21 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180321.mdb 21 Mar 2018 09:26:36
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180321.cdb 22 Mar 2018 11:42:17

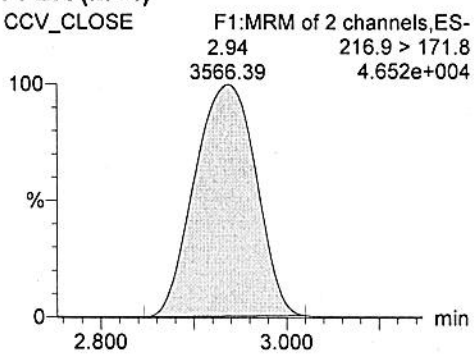
JG 3/25/18
JV 3/26/18

Name: 20180321_CCV_CLOSE, Date: 21-Mar-2018, Time: 21:47:52, Description: CCV_CLOSE, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:41

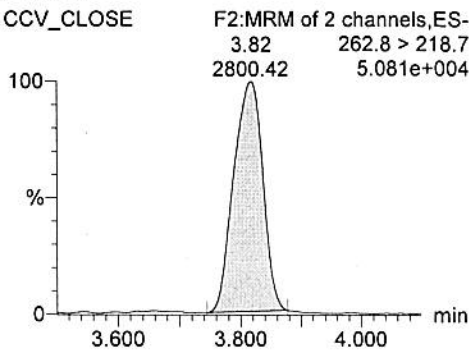
PFBA



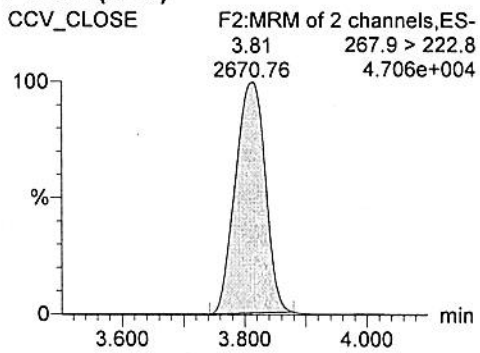
PFBA (M+4)



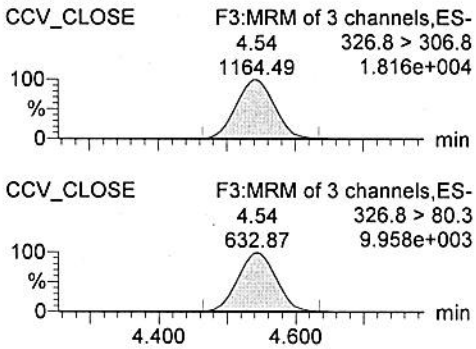
PFPeA



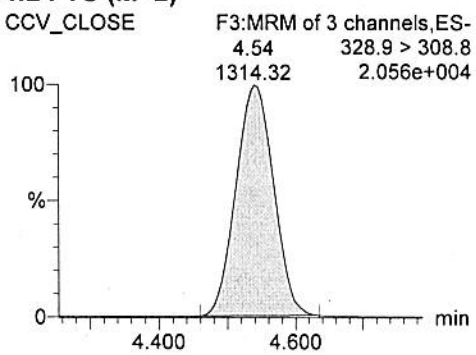
PFPeA (M+5)



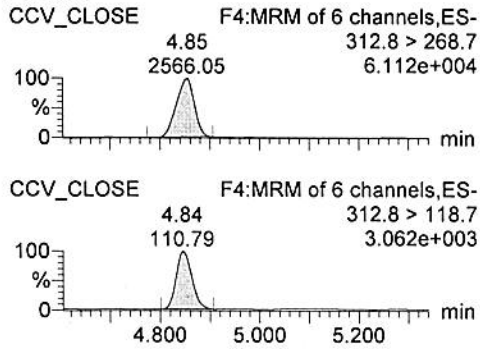
4:2 FTS



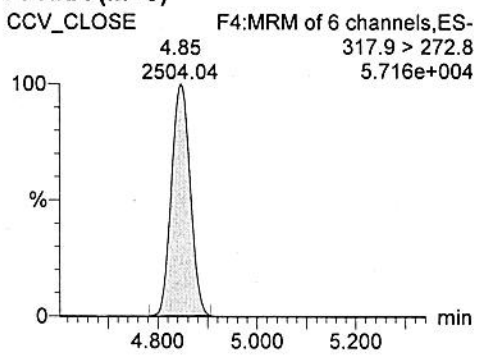
4:2 FTS (M+2)



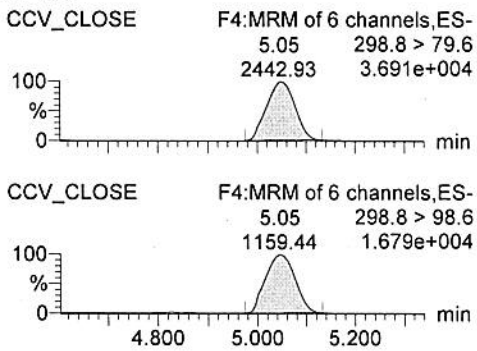
PFHxA



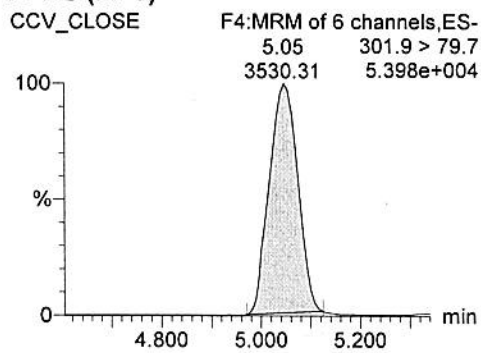
PFHxA (M+5)



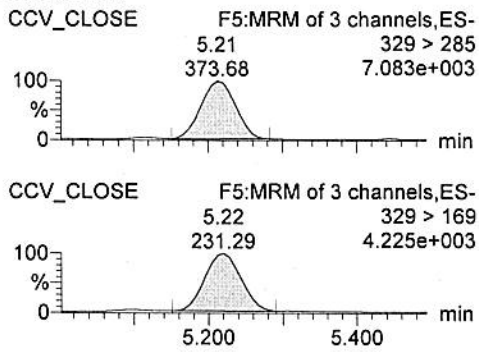
PFBS



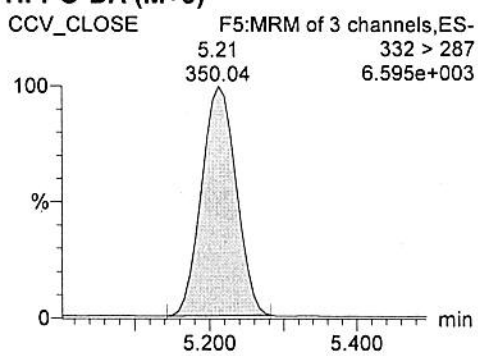
PFBS (M+3)



HFPO-DA



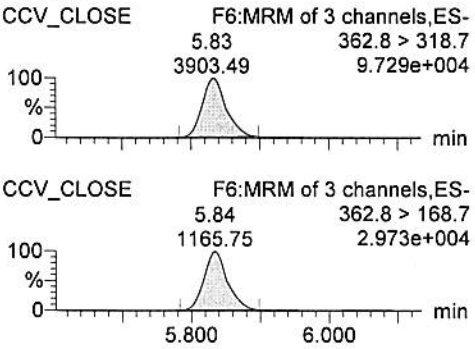
HFPO-DA (M+3)



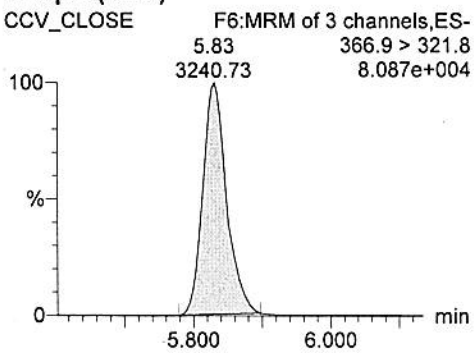
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:21 Eastern Daylight Time

Name: 20180321_CCV_CLOSE, Date: 21-Mar-2018, Time: 21:47:52, Description: CCV_CLOSE, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:41

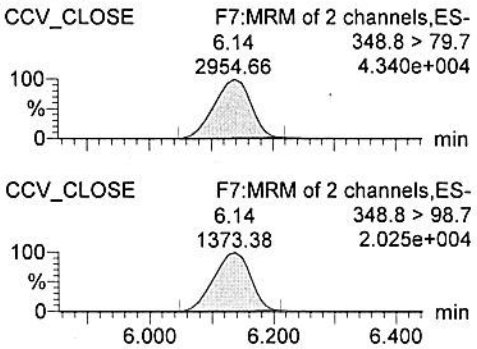
PFHpA



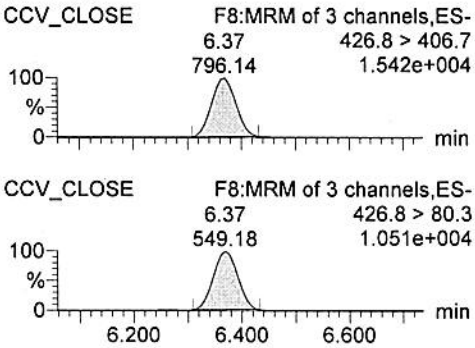
PFHpA (M+4)



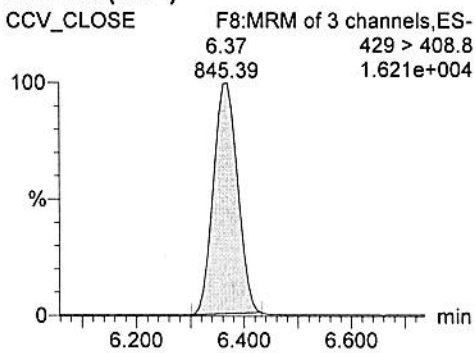
PFPeS



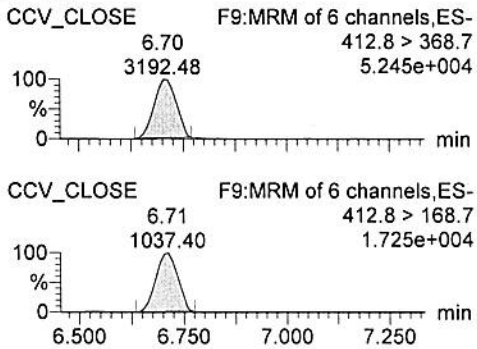
6:2 FTS



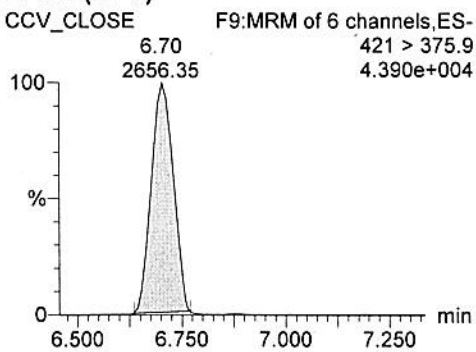
6:2 FTS (M+2)



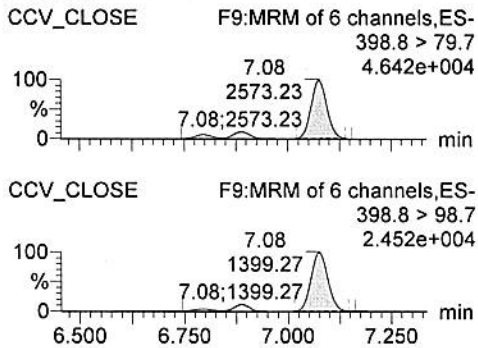
PFOA



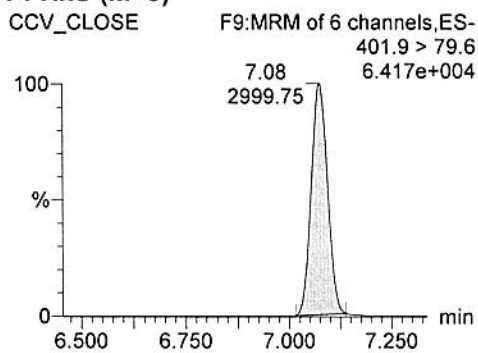
PFOA (M+8)



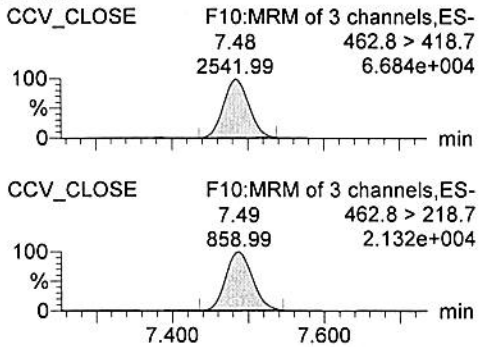
PFHxS



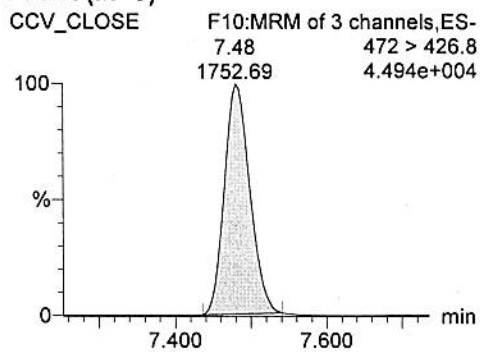
PFHxS (M+3)



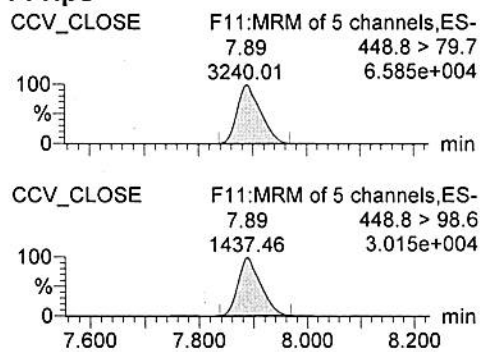
PFNA



PFNA (M+9)



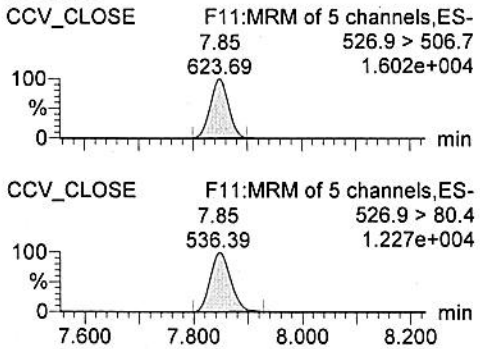
PFHpS



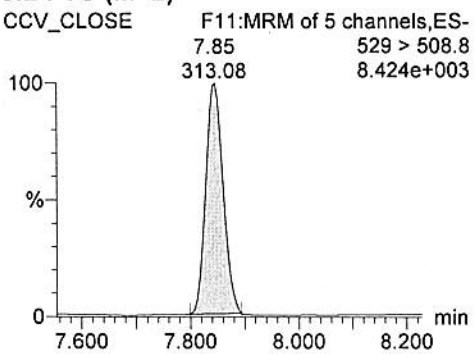
Quantify Sample Report **MassLynx 4.1 SCN919**
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:21 Eastern Daylight Time

Name: 20180321_CCV_CLOSE, Date: 21-Mar-2018, Time: 21:47:52, Description: CCV_CLOSE, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:41

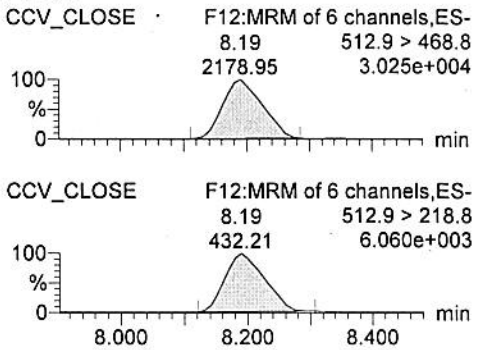
8:2 FTS



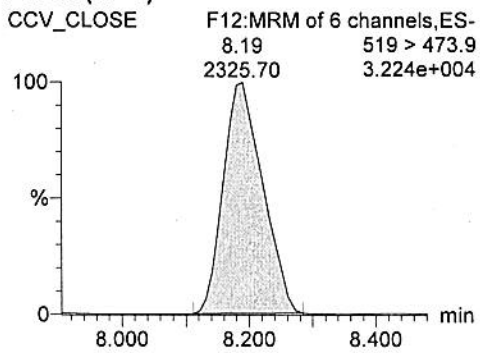
8:2 FTS (M+2)



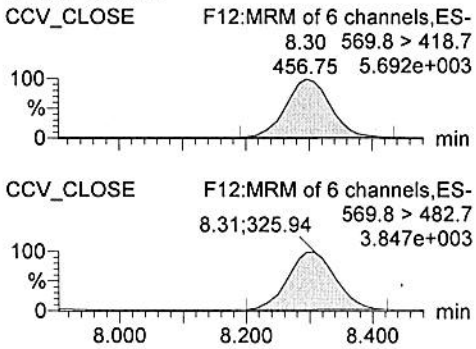
PFDA



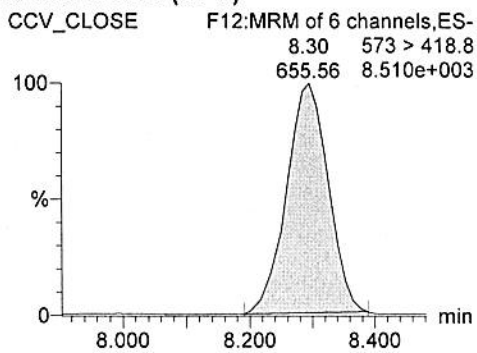
PFDA (M+6)



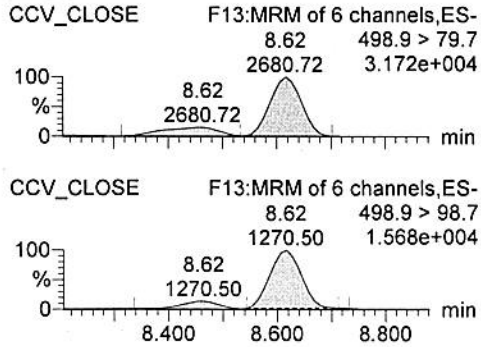
N-MeFOSAA



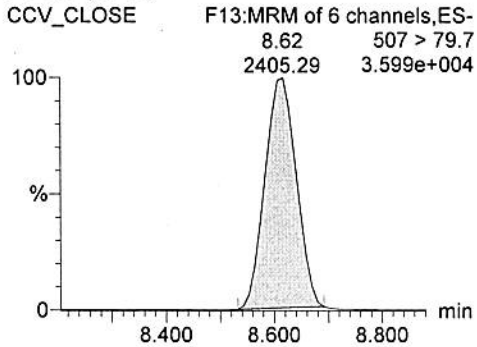
N-MeFOSAA (M+3)



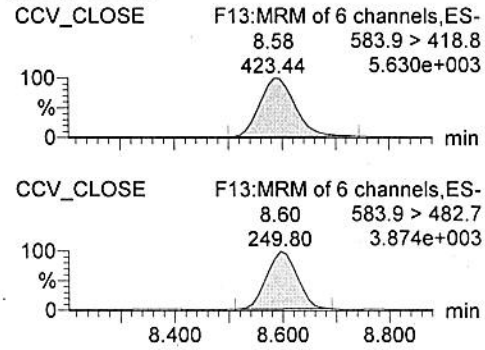
PFOS



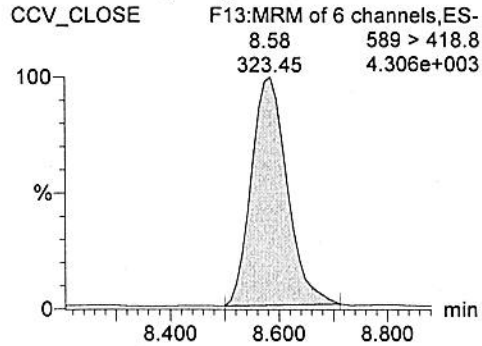
PFOS (M+8)



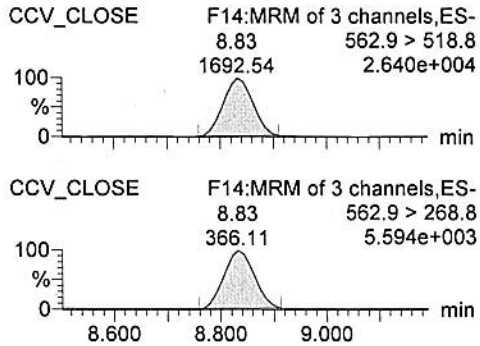
N-EtFOSAA



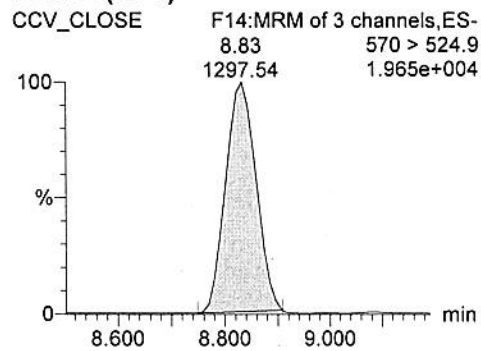
N-EtFOSAA (M+5)



PFUnA



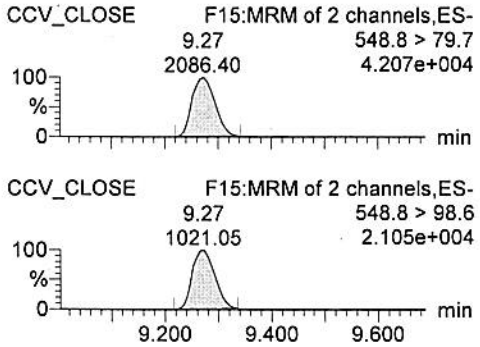
PFUnA (M+7)



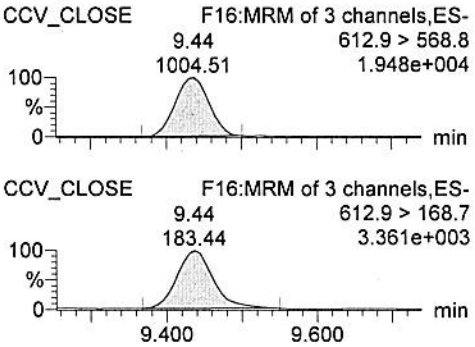
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:21 Eastern Daylight Time

Name: 20180321_CCV_CLOSE, Date: 21-Mar-2018, Time: 21:47:52, Description: CCV_CLOSE, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:41

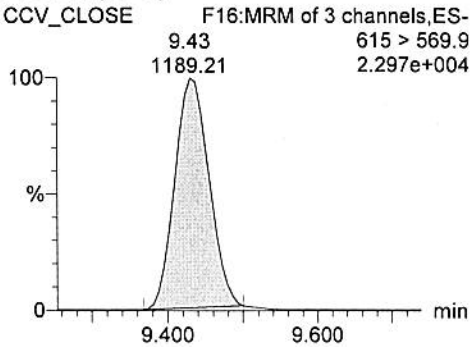
PFNS



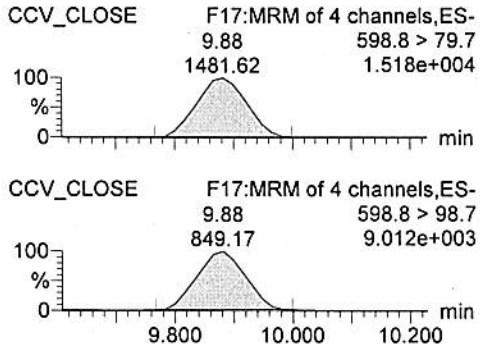
PFDoA



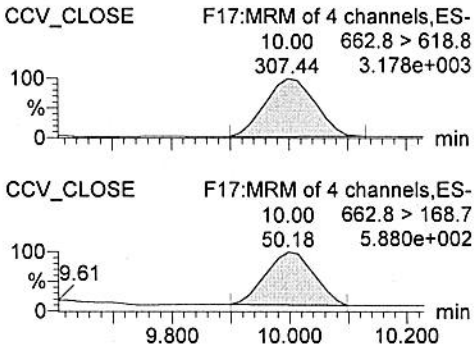
PFDoA (M+2)



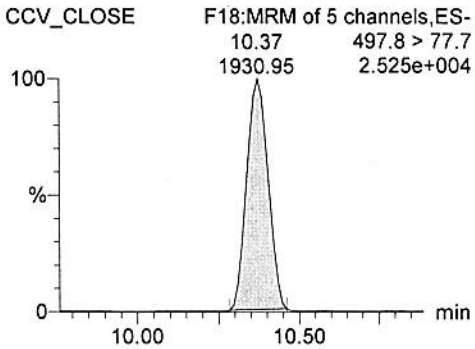
PFDS



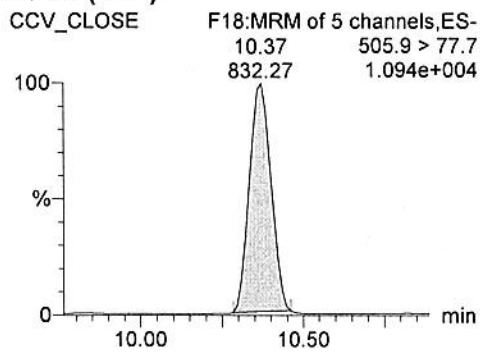
PFTrA



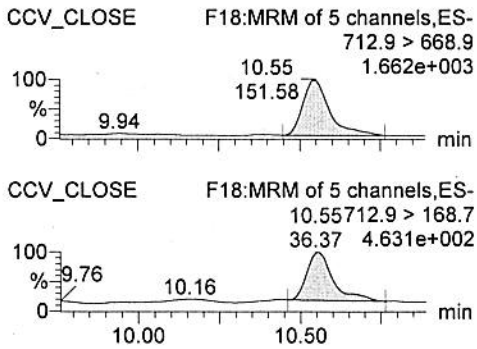
FOSA



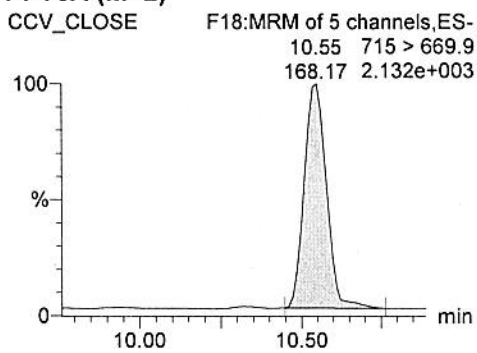
FOSA (M+8)



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_BATCH_1803028.qld
Last Altered: Thursday, March 22, 2018 11:57:48 Eastern Daylight Time
Printed: Thursday, March 22, 2018 12:00:21 Eastern Daylight Time

Name: 20180321_CCV_CLOSE, Date: 21-Mar-2018, Time: 21:47:52, Description: CCV_CLOSE, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:41

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.94	2.94	1.000	3424.8	216.0	8.0	3424.813	bb			
PFBA (M+4)	2.94	2.94	1.000	3566.4	215.8	7.9	3566.387	bb			
PFPeA	3.82	3.82	0.999	2800.4	207.9	4.0	2800.423	bb			
PFPeA (M+5)	3.82	3.81	0.999	2670.8	205.7	2.9	2670.756	bb			
4:2 FTS	4.55	4.54	0.999	1164.5	192.3	2.9	1164.486	bb	1.893	1.840	NO
4:2 FTS (M+2)	4.54	4.54	0.999	1314.3	212.4	13.6	1314.318	bb			
PFHxA	4.86	4.85	0.999	2566.1	211.4	5.7	2566.054	bb	41.048	23.161	YES
PFHxA (M+5)	4.86	4.85	0.999	2504.0	205.7	2.9	2504.039	bb			
PFBS	5.06	5.05	1.000	2442.9	178.7	1.0	2442.933	bb	2.249	2.107	NO
PFBS (M+3)	5.05	5.05	0.999	3530.3	213.1	14.6	3530.313	bb			
HFPO-DA	5.22	5.21	0.996	373.7	207.9	3.9	373.680	bb	1.609	1.616	NO
HFPO-DA (M+3)	5.22	5.21	0.992	350.0	230.5	15.2	350.036	bb			
PFHpA	5.84	5.83	0.999	3903.5	211.9	5.9	3903.490	bb	3.727	3.349	NO
PFHpA (M+4)	5.84	5.83	0.999	3240.7	208.9	4.5	3240.734	bb			
PFPeS	6.16	6.14	0.999	2954.7	179.0	-4.8	2954.661	bb	2.445	2.151	NO
6:2 FTS	6.38	6.37	0.998	796.1	182.1	-4.2	796.142	bb	1.814	1.450	NO
6:2 FTS (M+2)	6.38	6.37	0.995	845.4	200.4	5.5	845.392	bb			
PFOA	6.72	6.70	0.999	3192.5	219.3	9.6	3192.478	bb	3.346	3.077	NO
PFOA (M+8)	6.71	6.70	0.999	2656.3	209.9	5.0	2656.349	bb			
PFHxS	7.09	7.08	0.999	2573.2	191.8	5.1	2573.234	MM	1.711	1.839	NO
PFHxS (M+3)	7.09	7.08	0.999	2999.7	204.2	8.0	2999.746	bb			
PFNA	7.50	7.48	0.999	2542.0	223.8	11.9	2541.985	bb	2.906	2.959	NO
PFNA (M+9)	7.49	7.48	0.999	1752.7	190.9	-4.5	1752.691	bb			
PFHpS	7.90	7.89	0.999	3240.0	212.4	11.8	3240.010	bb	2.291	2.254	NO
8:2 FTS	7.86	7.85	0.999	623.7	180.0	1.7	623.686	bb	1.070	1.163	NO
8:2 FTS (M+2)	7.86	7.85	0.994	313.1	161.4	-8.8	313.085	bb			
PFDA	8.20	8.19	0.998	2179.0	214.0	7.0	2178.953	bb	8.061	5.041	YES
PFDA (M+6)	8.20	8.19	0.998	2325.7	216.4	8.2	2325.705	bb			
N-MeFOSAA	8.31	8.30	0.992	456.7	173.0	-13.5	456.749	bb	1.606	1.401	NO
N-MeFOSAA (M+3)	8.31	8.30	0.997	655.6	213.5	6.7	655.561	bb			
PFOS	8.63	8.62	0.999	2680.7	183.1	-1.0	2680.715	MM	2.551	2.110	NO
PFOS (M+8)	8.63	8.62	0.999	2405.3	191.5	0.1	2405.293	bb			
N-EtFOSAA	8.60	8.58	0.989	423.4	231.3	15.7	423.441	bb	1.495	1.695	NO
N-EtFOSAA (M+5)	8.59	8.58	0.994	323.4	198.2	-0.9	323.449	bb			
PFUnA	8.84	8.83	0.997	1692.5	206.2	3.1	1692.544	bb	5.324	4.623	NO
PFUnA (M+7)	8.84	8.83	0.998	1297.5	195.6	-2.2	1297.542	bb			
PFNS	9.29	9.27	0.999	2086.4	171.7	-3.0	2086.395	bb	2.029	2.043	NO
PFDoA	9.44	9.44	0.996	1004.5	197.7	-1.2	1004.511	bb	8.622	5.476	YES
PFDoA (M+2)	9.44	9.43	0.993	1189.2	194.3	-2.9	1189.209	bb			
PFDS	9.90	9.88	0.989	1481.6	184.1	-4.6	1481.617	bb	1.701	1.745	NO
PFTrA	10.01	10.00	0.993	307.4	128.1	-36.0	307.440	bb	5.828	6.126	NO
FOSA	10.36	10.37	0.997	1931.0	169.2	-15.4	1930.951	bb			
FOSA (M+8)	10.36	10.37	0.997	832.3	157.6	-21.2	832.270	bb			
PFTeA	10.56	10.55	0.984	151.6	144.7	-27.6	151.580	bb	2.230	4.168	YES
PFTeA (M+2)	10.56	10.55	0.990	168.2	137.9	-31.1	168.166	bb			

JV 3/26/18

Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180321_ICAL.qld
Last Altered: Thursday, March 22, 2018 11:42:17 Eastern Daylight Time
Printed: Thursday, March 22, 2018 11:44:12 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180321.mdb 21 Mar 2018 09:26:36
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180321.cdb 22 Mar 2018 11:42:17

```
Header
Acquired File Name:   20180321_Instrument Blank_1
Acquired Date:        21-Mar-2018
Acquired Time:        06:49:16
Job Code:             20180321 Batch 1803028 and ICAL
Task Code:
User Name:
Laboratory Name:
Instrument:           ACQ-TQD#NotSet
Conditions:
Submitter:
SampleID:
Bottle Number:        2:1
Description:          Instrument Blank 1
Instrument Calibration:
Calibration File: C:\MassLynx\IntelliStart\Results\Quan 1.1\Calibration_20180212.cal
Parameters
MS1 Static:
Mass:             130 Da to 625 Da.
Resolution:       0.0/15.0
Ion Energy:       0.4
Reference File:   Naics
Acquisition File: STATMS1
MS1 Scanning:
Mass:             50 Da to 750 Da.
Resolution:       0.0/15.0
Ion Energy:       0.4
Reference File:   Naics
Acquisition File: SCNMS1
MS1 Scan Speed Compensation:
Scan:             100 to 2000 amu/sec.
Resolution:       0.0/15.0
Ion Energy:       0.4
Reference File:   Naics
Acquisition File: FASTMS1
MS2 Static:
Mass:             130 Da to 625 Da.
Resolution:       2.1/15.0
Ion Energy:       1.4
Reference File:   Naics
Acquisition File: STATMS2
MS2 Scanning:
Mass:             50 Da to 750 Da.
Resolution:       2.1/15.0
Ion Energy:       1.4
Reference File:   Naics
Acquisition File: SCNMS2
MS2 Scan Speed Compensation:
Scan:             100 to 4000 amu/sec.
Resolution:       2.1/15.0
Ion Energy:       1.4
Reference File:   Naics
Acquisition File: FASTMS2
Calibration Time: 10:23
Calibration Date: 02/12/18
Coefficients
MS1 Static:       -0.000000000027*x^4 + 0.000000039200*x^3 + -0.000019540802*x^2 + 1.00379582884
```

```
9*x +-0.161322200292
MS2 Static:       -0.000000000000*x^4 + -0.000000002261*x^3 + 0.000003214514*x^2 + 0.99854635912
5*x +0.392138987490
Function 1:       None
Function 2:       None
Function 3:       None
Function 4:       None
Function 5:       None
Function 6:       None
Function 7:       None
Function 8:       None
Function 9:       None
Function 10:      None
Function 11:      None
Function 12:      None
Function 13:      None
Function 14:      None
Function 15:      None
Function 16:      None
Function 17:      None
Function 18:      None
Parameters for C:\MassLynx\PFAS_2016.PRO\ACQUDB\PFAS_MRM_20180321.EXP
Data Processing:
SIR / MRM Chromatogram Spike Removal      ON
SIR / MRM Smoothing           OFF
Smoothing window size (scans) 3
Number of smooths       2
Prescan Statistics:
Initial Average Intensity     10.2998
Initial Average Std Dev       1.4098
Bunch Zero Level        0.0133
Bunch Std Dev                 0.0150
Bunch Threshold               0.1204
Spike Removal Std Dev         1.2281
Method Events:
Initial Stop Flow:      No Change
Initial Switch 2: No Change
Initial Switch 3: No Change
Initial Switch 4: No Change
Initial Infusion: No Change
Initial Flow State:     LC
Initial Flow Rate:      5
Initial Reservoir:      No Action
API Probe Delay Temp:   20
Initial Refill:         No Action
Timed Events Enabled
Event Time  Name        Action
1     0     Flow State        Waste
2     150   Flow State        LC
3     660   Flow State        Waste
Instrument Parameters - Function 1:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
```

```
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 2:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 3:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
```

```
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 4:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 5:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
```

```
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 6:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 7:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
```

```
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 8:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 9:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
```

```
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 10:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 11:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 12:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
```

```
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 13:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 14:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
```

```
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 15:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 16:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
```

```
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 17:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Instrument Parameters - Function 18:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.03
Cone (V)    39.00 -25.64
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   147
Desolvation Temperature (°C)  425   418
Cone Gas Flow (L/Hr)    50    49
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
```

```
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.61
Active Reservoir  B
Engineers Settings:
MS1 Low Mass Position         519
MS1 High Mass Position        211
MS1 Low Mass Resolution       519
MS1 High Mass Resolution      890
MS1 Resolution Linearity      800
MS1 High Mass DC Balance      0
MS1 DC Polarity               Positive
MS2 Low Mass Position         518
MS2 High Mass Position        159
MS2 Low Mass Resolution       515
MS2 High Mass Resolution      725
MS2 Resolution Linearity      825
MS2 High Mass DC Balance      0
MS2 DC Polarity               Positive
HM RF Lens Correction +       0
HM RF Lens Correction -       0
Inter-scan delays:
Automatic Mode
MS 1 Delay Table:
         R     delay
<=   0.500     0.005
<=   1.200     0.010
<=   2.400     0.015
<=   6.000     0.020
<=  15.000     0.025
<=  25.000     0.028
>   25.000     0.030
MS 2 Delay Table:
         R     delay
<=   2.000     0.005
<=   4.000     0.008
<=   7.000     0.010
<=  10.000     0.012
<=  20.000     0.014
>   20.000     0.016
ACE Experimental Record
Inlet Method File: c:\masslynx\pfas_2016.pro\acqudb\20170821_pfas
---------------------   Run method parameters   ----------------
Waters Acquity SDS
 Run Time: 21.00 min
 Comment:
 Solvent Selection A: A2
 Solvent Selection B: B2
 Low Pressure Limit: 0 psi
 High Pressure Limit: 15000 psi
```

```
 Solvent Name A: 95% Water / 5% ACN
 Solvent Name B: 10% Water / 90% ACN
 Switch 1: No Change
 Switch 2: No Change
 Switch 3: No Change
 Seal Wash: 30.0 min
 Chart Out 1: System Pressure
 Chart Out 2: %B
 System Pressure Data Channel: No
 Flow Rate Data Channel: No
 %A Data Channel: No
 %B Data Channel: No
 Primary A Pressure Data Channel: No
 Accumulator A Pressure Data Channel: No
 Primary B Pressure Data Channel: No
 Accumulator B Pressure Data Channel: No
 Degasser Pressure Data Channel: No
 [Gradient Table]
  Time(min) Flow Rate %A %B Curve
 1. Initial 0.300 100.0 0.0 Initial
 2. 1.00 0.300 80.0 20.0 6
 3. 6.00 0.300 55.0 45.0 6
 4. 13.00 0.300 20.0 80.0 6
 5. 17.00 0.300 5.0 95.0 6
 6. 18.00 0.300 100.0 0.0 6
 7. 21.00 0.300 100.0 0.0 6
 Run Events: Yes
 Gradient Start (Relative to Injection): 0 uL
 Participate in pre-analysis: No
Waters Acquity AutoSampler
 Run Time: 21.00 min
 Comment:
 Load Ahead: Disabled
 Injection Mode: Partial Loop With Needle Overfill
 LoopOffline: Disable
 Weak Wash Solvent Name: 95% Water / 5% ACN
 Weak Wash Volume: 3000 uL
 Strong Wash Solvent Name: 10% Water / 90% ACN
 Strong Wash Volume: 1000 uL
 Target Column Temperature: 35.0 C
 Column Temperature Alarm Band: Disabled
 Target Sample Temperature: 15.0 C
 Sample Temperature Alarm Band: Disabled
 Full Loop Overfill Factor: Automatic
 Syringe Draw Rate: Automatic
 Needle Placement: 1.0
 Pre-Aspirate Air Gap: Automatic
 Post-Aspirate Air Gap: Automatic
 Column Temperature Data Channel: No
 Ambient Temperature Data Channel: No
 Sample Temperature Data Channel: No
 Sample Organizer Temperature Data Channel: No
 Sample Pressure Data Channel: No
 Switch 1: No Change
 Switch 2: No Change
 Switch 3: No Change
 Switch 4: No Change
 Chart Out: Sample Pressure
 Sample Temp Alarm: Disabled
 Column Temp Alarm: Disabled
```

```
 Run Events: Yes
 Needle Overfill Flush: Automatic
 NoInjection: false
Sample Run Injection Parameter
Injection Volume (ul)   -   30.00
---------------------------- oOo ----------------------------
End of experimental record.
------------------- Waters Acquity SDS Postrun Report ---------------
 IcsVersion: 1.51.1532
 FirmwareVersion: 1.51.253 (Sep 19 2011)
 Checksum: 0x3a9db15d
 SerialNumber: H09UPB283M
 Minimum System Pressure: 0.0
 Maximum System Pressure: 0.0
 Average System Pressure: 0.0
 Minimum Degasser Pressure: 0.0
 Maximum Degasser Pressure: 0.0
 Average Degasser Pressure: 0.0
Messages...
 1. : This is a message
 2. : This is a message
 3. : This is a message
---------------------------- oOo ----------------------------
------------------- Waters Acquity SM Postrun Report ---------------
 Software Version: 1.50.2736
 Firmware Version: 1.50.318 (Jul 12 2011)
 Checksum: 0x66ba7f79
 Serial Number: H09UPA784M
 Sample Syringe Size: 250.0
 Sample Loop Size: 50.0
 Needle Size: 30.0
 NeedleType: PEEK
 Column Type: ACQUITY UPLC® CSH™ Phenyl-Hexyl 1.7µm
 Column Serial Number: 01143722018355
 Total Injections on Column: 8
 Minimum Sample Temperature: 0.0
 Maximum Sample Temperature: 0.0
 Average Sample Temperature: 0.0
 Minimum Column Temperature: 35.0
 Maximum Column Temperature: 35.5
 Average Column Temperature: 0.0
 Measured Loop Volume: 47.800
 Measured Loop Volume No Pressure: 49.070
---------------------------- oOo ----------------------------
Function 1
Scans in function:          112
Cycle time (secs):          Automatic
Inter Scan Delay (secs):    Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                  0.000
Start and End Time(mins):    2.750 to 3.150
Ionization mode:            ES-
Data type:                  SIR or MRM data
Function type:              MRM of 2 channels
Chan Reaction               Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound Formula|Mass
1  : 212.80 > 168.70           0.100       16.0       10.0       Auto     PFBA (P)
2  : 216.90 > 171.80           0.100       16.0        8.0       Auto     MPFBA    218
Function 2
Scans in function:          319
Cycle time (secs):          Automatic
```

```
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   3.500 to 4.100
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 2 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound  Formula|Mass
1  : 262.80 > 218.70          0.050       14.0        8.0       Auto     PFPeA (P)
2  : 267.90 > 222.80          0.050       14.0        8.0       Auto     MPFPeA    269
Function 3
Scans in function:         86
Cycle time (secs):         Automatic
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   4.250 to 4.800
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 3 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound    Formula|Mas
s
1  : 326.80 > 80.30           0.100       34.0       28.0       Auto     4:2 FTS (C)
2  : 326.80 > 306.80          0.100       34.0       18.0       Auto     4:2 FTS (P)
3  : 328.90 > 308.80          0.100       38.0       18.0       Auto     M4_2FTS     330

Function 4
Scans in function:         122
Cycle time (secs):         Automatic
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   4.600 to 5.350
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 6 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound  Formula|Mass
1  : 298.80 > 79.60           0.040       48.0       30.0       Auto     PFBS (P)
2  : 298.80 > 98.60           0.040       48.0       25.0       Auto     PFBS (C)
3  : 301.90 > 79.70           0.025       46.0       30.0       Auto     MPFBS     303
4  : 312.80 > 118.70          0.025       14.0       24.0       Auto     PFHxA (C)
5  : 312.80 > 268.70          0.025       14.0        8.0       Auto     PFHxA (P)
6  : 317.90 > 272.80          0.025       14.0        8.0       Auto     MPFHxA    319
Function 5
Scans in function:         81
Cycle time (secs):         Automatic
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   5.000 to 5.500
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 3 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound
1  : 329.00 > 169.00          0.075       18.0       16.0       Auto     HFPO-DA (C)
2  : 329.00 > 285.00          0.075       18.0        6.0       Auto     HFPO-DA (P)
3  : 332.00 > 287.00          0.075       18.0        6.0       Auto     MHFPO-DA
Function 6
Scans in function:         95
Cycle time (secs):         Automatic
```

```
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   5.600 to 6.150
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 3 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound  Formula|Mass
1  : 362.80 > 168.70          0.075       16.0       16.0       Auto     PFHpA (C)
2  : 362.80 > 318.70          0.075       16.0       10.0       Auto     PFHpA (P)
3  : 366.90 > 321.80          0.075       16.0        8.0       Auto     MPFHpA    368
Function 7
Scans in function:         73
Cycle time (secs):         Automatic
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   5.850 to 6.450
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 2 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound
1  : 348.80 > 79.70           0.100       54.0       34.0       Auto     PFPeS (P)
2  : 348.80 > 98.70           0.100       54.0       26.0       Auto     PFPeS (C)
Function 8
Scans in function:         76
Cycle time (secs):         Automatic
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   6.050 to 6.750
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 3 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound    Formula|Mas
s Comments
1  : 426.80 > 80.30           0.075       44.0       30.0       Auto     6:2 FTS (C)
2  : 426.80 > 406.70          0.075       44.0       20.0       Auto     6:2 FTS (P)
3  : 429.00 > 408.80          0.075       42.0       20.0       Auto     M6_2FTS     430
  IntelliStart Generated
Function 9
Scans in function:         127
Cycle time (secs):         Automatic
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   6.450 to 7.350
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 6 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound  Formula|Mass
Comments
1  : 398.80 > 79.70           0.050       54.0       34.0       Auto     PFHxS (P)
2  : 398.80 > 98.70           0.050       54.0       32.0       Auto     PFHxS (C)
3  : 401.90 > 79.60           0.050       54.0       38.0       Auto     MPFHxS    403
IntelliStart Generated
4  : 412.80 > 168.70          0.050       16.0       18.0       Auto     PFOA (C)
5  : 412.80 > 368.70          0.050       16.0       10.0       Auto     PFOA (P)
6  : 421.00 > 375.90          0.050       14.0       10.0       Auto     MPFOA     422
Function 10
```

```
Scans in function:          81
Cycle time (secs):          Automatic
Inter Scan Delay (secs):    Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                  0.000
Start and End Time(mins):    7.250 to 7.750
Ionization mode:            ES-
Data type:                  SIR or MRM data
Function type:              MRM of 3 channels
Chan Reaction               Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound Formula|Mass C
omments
1  : 462.80 > 218.70           0.075       16.0       16.0       Auto     PFNA (C)
2  : 462.80 > 418.70           0.075       16.0       10.0       Auto     PFNA (P)
3  : 472.00 > 426.80           0.075       16.0        8.0       Auto     MPFNA    473          I
ntelliStart Generated
Function 11
Scans in function:          86
Cycle time (secs):          Automatic
Inter Scan Delay (secs):    Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                  0.000
Start and End Time(mins):    7.550 to 8.250
Ionization mode:            ES-
Data type:                  SIR or MRM data
Function type:              MRM of 5 channels
Chan Reaction               Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound    Formula|Mas
s
1  : 448.80 > 79.70            0.050       54.0       38.0       Auto     PFHpS (P)
2  : 448.80 > 98.60            0.050       54.0       34.0       Auto     PFHpS (C)
3  : 526.90 > 80.40            0.050       48.0       30.0       Auto     8:2 FTS (C)
4  : 526.90 > 506.70           0.050       48.0       26.0       Auto     8:2 FTS (P)
5  : 529.00 > 508.80           0.050       48.0       20.0       Auto     M8_2FTS     530

Function 12
Scans in function:          54
Cycle time (secs):          Automatic
Inter Scan Delay (secs):    Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                  0.000
Start and End Time(mins):    7.900 to 8.500
Ionization mode:            ES-
Data type:                  SIR or MRM data
Function type:              MRM of 6 channels
Chan Reaction               Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound      Formula|M
ass
1  : 512.90 > 218.80           0.050       16.0       18.0       Auto     PFDA (C)
2  : 512.90 > 468.80           0.050       16.0       10.0       Auto     PFDA (P)
3  : 519.00 > 473.90           0.050       16.0       10.0       Auto     MPFDA         520

4  : 569.80 > 418.70           0.040       30.0       20.0       Auto     N-MeFOSAA (P)
5  : 569.80 > 482.70           0.040       30.0       14.0       Auto     N-MeFOSAA (C)
6  : 573.00 > 418.80           0.040       28.0       18.0       Auto     N-MeFOSAA-d3  574

Function 13
Scans in function:          61
Cycle time (secs):          Automatic
Inter Scan Delay (secs):    Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                  0.000
Start and End Time(mins):    8.200 to 8.900
```

```
Ionization mode:            ES-
Data type:                  SIR or MRM data
Function type:              MRM of 6 channels
Chan Reaction               Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound      Formula|M
ass
1  : 498.90 > 79.70            0.060       66.0       46.0       Auto     PFOS (P)
2  : 498.90 > 98.70            0.060       66.0       38.0       Auto     PFOS (C)
3  : 507.00 > 79.70            0.060       66.0       38.0       Auto     MPFOS         508

4  : 583.90 > 418.80           0.055       30.0       18.0       Auto     N-EtFOSAA (P)
5  : 583.90 > 482.70           0.055       30.0       14.0       Auto     N-EtFOSAA (C)
6  : 589.00 > 418.80           0.055       28.0       16.0       Auto     N-EtFOSAA-d5  590

Function 14
Scans in function:          87
Cycle time (secs):          Automatic
Inter Scan Delay (secs):    Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                  0.000
Start and End Time(mins):    8.500 to 9.200
Ionization mode:            ES-
Data type:                  SIR or MRM data
Function type:              MRM of 3 channels
Chan Reaction               Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound  Formula|Mass
Comments
1  : 562.90 > 268.80           0.075       18.0       16.0       Auto     PFUnA (C)
2  : 562.90 > 518.80           0.075       18.0       10.0       Auto     PFUnA (P)
3  : 570.00 > 524.90           0.075       30.0       12.0       Auto     MPFUnA    571
IntelliStart Generated
Function 15
Scans in function:          98
Cycle time (secs):          Automatic
Inter Scan Delay (secs):    Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                  0.000
Start and End Time(mins):    9.000 to 9.700
Ionization mode:            ES-
Data type:                  SIR or MRM data
Function type:              MRM of 2 channels
Chan Reaction               Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound
1  : 548.80 > 79.70            0.100       64.0       42.0       Auto     PFNS (P)
2  : 548.80 > 98.60            0.100       64.0       42.0       Auto     PFNS (C)
Function 16
Scans in function:          66
Cycle time (secs):          Automatic
Inter Scan Delay (secs):    Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                  0.000
Start and End Time(mins):    9.250 to 9.750
Ionization mode:            ES-
Data type:                  SIR or MRM data
Function type:              MRM of 3 channels
Chan Reaction               Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound  Formula|Mass
1  : 612.90 > 168.70           0.060       18.0       22.0       Auto     PFDoA (C)
2  : 612.90 > 568.80           0.060       18.0       10.0       Auto     PFDoA (P)
3  : 615.00 > 569.90           0.060       20.0       12.0       Auto     MPFDoA    616
Function 17
Scans in function:          46
Cycle time (secs):          Automatic
Inter Scan Delay (secs):    Automatic
```

```
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   9.600 to 10.250
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 4 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound
1  : 598.80 > 79.70           0.050       72.0       50.0       Auto     PFDS (P)
2  : 598.80 > 98.70           0.050       72.0       40.0       Auto     PFDS (C)
3  : 662.80 > 168.70          0.050       20.0       32.0       Auto     PFTrA (C)
4  : 662.80 > 618.80          0.050       20.0       10.0       Auto     PFTrA (P)
Function 18
Scans in function:         80
Cycle time (secs):         Automatic
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   9.750 to 10.900
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 5 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound  Formula|Mass
1  : 497.80 > 77.70           0.060       40.0       30.0       Auto     FOSA (P)  500
2  : 505.90 > 77.70           0.060       68.0       32.0       Auto     MFOSA     508
3  : 712.90 > 168.70          0.200       20.0       26.0       Auto     PFTeA (C)
4  : 712.90 > 668.90          0.200       20.0       10.0       Auto     PFTeA (P)
5  : 715.00 > 669.90          0.200       20.0       12.0       Auto     MPFTeA    716
```