Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

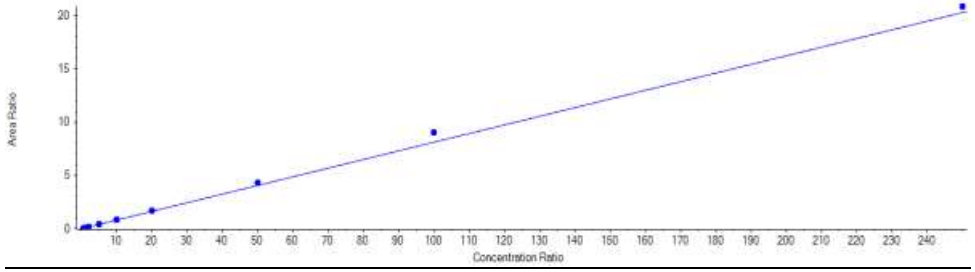
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFBA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	2.90	2709000	76984	0.35	87.6	0.71	323	True	0.96
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	2.90	2592000	159293	0.76	94.7	0.77	548	True	0.96
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	2.89	2519000	392007	1.92	95.9	0.78	791	True	0.94
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	2.90	2585000	1039126	4.96	99.1	0.80	1468	True	0.98
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	2.90	2681000	2162387	9.95	99.5	0.81	2017	True	1.16
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	2.89	2451000	4086434	20.56	102.8	0.83	2618	True	1.06
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	2.89	2355000	10163727	53.21	106.4	0.86	4525	True	1.08
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	2.89	2151000	19372954	111.06	111.1	0.90	6259	True	1.07
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	2.89	1978000	41238756	257.04	102.8	0.83	7593	True	1.35

Analyte Name: PFBA
Regression Equation: y = 0.811 x (std. dev. = 0.006) (weighting: None)
Calibration Fit: RSD = 6.87 RSE = 6.87
Average RF:0.811 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

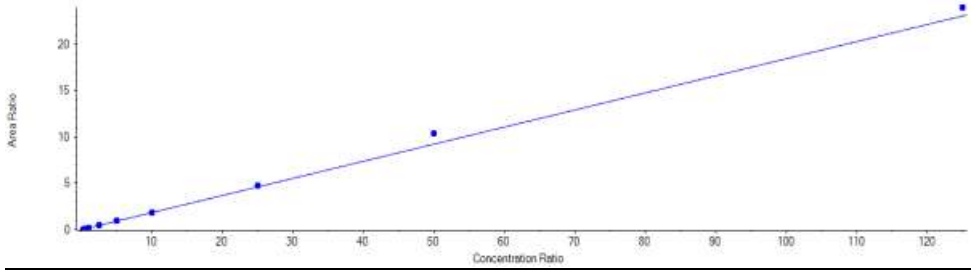
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFPeA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	4.64	1742000	58992	0.18	91.8	0.85	359	True	1.60
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	4.64	1675000	115247	0.37	93.3	0.86	387	True	1.34
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	4.64	1617000	285758	0.96	95.8	0.88	1221	True	1.55
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	4.65	1673000	782592	2.54	101.5	0.94	1886	True	1.05
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	4.65	1701000	1580428	5.04	100.8	0.93	1993	True	1.29
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	4.64	1593000	2862778	9.74	97.4	0.90	4666	True	1.45
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	4.64	1536000	7315685	25.84	103.4	0.95	4328	True	1.41
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	4.65	1347000	13922796	56.05	112.1	1.03	8593	True	1.46
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	4.65	1241000	29743263	129.97	104.0	0.96	9629	True	1.09

Analyte Name: PFPeA
Regression Equation: y = 0.922 x (std. dev. = 0.012) (weighting: None)
Calibration Fit: RSD = 6.25 RSE = 6.25
Average RF:0.922 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

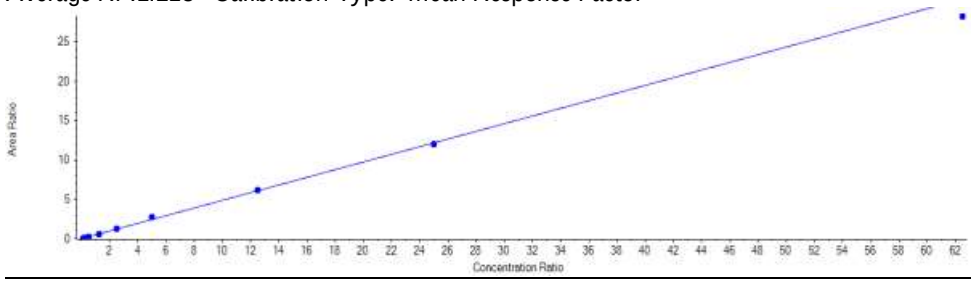
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFHxA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.34	1043000	53455	0.11	105.2	1.28	266	True	1.48
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.34	1082000	99881	0.19	94.7	1.15	307	True	1.47
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.34	1035000	234525	0.47	93.0	1.13	716	True	1.25
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.34	1088000	643791	1.21	97.1	1.18	1119	True	1.18
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.34	1067000	1354168	2.60	104.2	1.27	1122	True	1.00
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.34	995300	2736579	5.64	112.8	1.38	2013	True	1.44
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.34	1062000	6556474	12.67	101.4	1.24	2673	True	1.28
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.34	952600	11476754	24.72	98.9	1.21	4199	True	1.41
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.34	942500	26624209	57.96	92.7	1.13	4600	True	1.13

Analyte Name: PFHxA
Regression Equation: y = 1.218 x (std. dev. = 0.032) (weighting: None)
Calibration Fit: RSD = 6.61 RSE = 6.61
Average RF:1.218 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

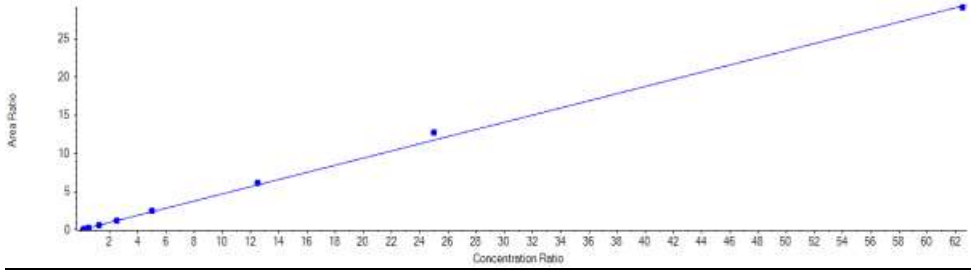
Alpha Analytical Inc.
Dataset: Default
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFHpA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	6.25	1100000	47414	0.09	92.0	1.08	332	True	1.31
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	6.25	1063000	96463	0.19	96.9	1.13	557	True	1.47
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	6.25	1030000	227673	0.47	94.3	1.11	1128	True	1.42
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	6.25	1052000	614946	1.25	99.8	1.17	1930	True	1.22
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	6.25	1102000	1316642	2.55	102.0	1.20	2287	True	1.33
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	6.25	1011000	2442453	5.16	103.2	1.21	3033	True	1.36
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	6.25	1027000	6242426	12.97	103.8	1.22	4597	True	1.36
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	6.25	948500	12077750	27.18	108.7	1.27	6436	True	1.32
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	6.25	941100	27365507	62.08	99.3	1.16	9844	True	1.26

Analyte Name: PFHpA
Regression Equation: y = 1.171 x (std. dev. = 0.024) (weighting: None)
Calibration Fit: RSD = 5.14 RSE = 5.14
Average RF:1.171 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

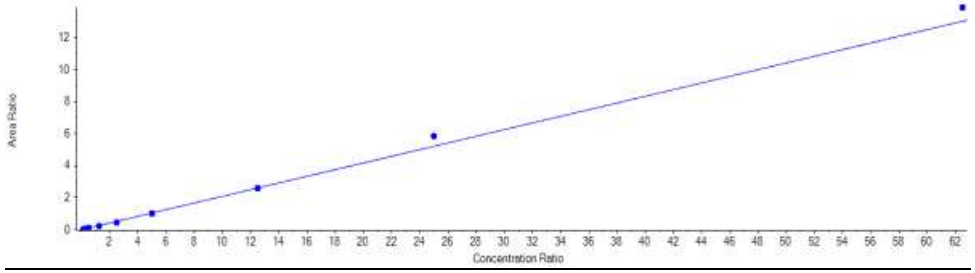
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFOA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	7.50	1630000	36354	0.11	107.1	0.56	198	True	0.10
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	7.50	1558000	61419	0.19	94.7	0.49	276	True	0.11
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	7.50	1455000	152387	0.50	100.6	0.52	595	True	0.16
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	7.51	1574000	383547	1.17	93.7	0.49	950	True	0.16
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	7.50	1615000	762266	2.27	90.7	0.47	1608	True	0.14
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	7.50	1464000	1457619	4.79	95.7	0.50	2159	True	0.16
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	7.50	1477000	3795945	12.35	98.8	0.51	3257	True	0.14
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	7.51	1332000	7765819	28.01	112.1	0.58	4787	True	0.11
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	7.50	1314000	18218936	66.64	106.6	0.56	6395	True	0.12

Analyte Name: PFOA
Regression Equation: y = 0.520 x (std. dev. = 0.015) (weighting: None)
Calibration Fit: RSD = 7.20 RSE = 7.20
Average RF:0.520 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

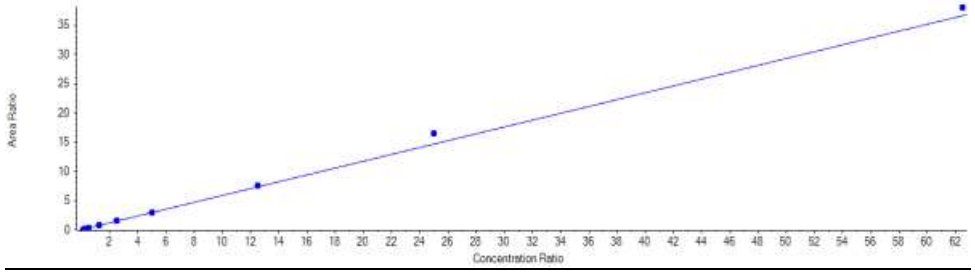
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFNA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	7.95	750800	37224	0.09	84.7	0.62	285	True	0.29
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	7.95	758100	81852	0.18	92.2	0.68	518	True	0.40
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	7.95	707900	203035	0.49	98.0	0.72	709	True	0.39
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	7.95	745800	540767	1.24	99.1	0.73	1132	True	0.40
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	7.95	718900	1108082	2.63	105.3	0.77	1389	True	0.39
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	7.95	713200	2096579	5.02	100.4	0.74	2134	True	0.33
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	7.95	714000	5432775	12.99	104.0	0.76	3350	True	0.35
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	7.95	621400	10245828	28.16	112.6	0.82	5226	True	0.31
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	7.95	598800	22763835	64.92	103.9	0.76	5978	True	0.29

Analyte Name: PFNA
Regression Equation: y = 0.732 x (std. dev. = 0.047) (weighting: None)
Calibration Fit: RSD = 8.06 RSE = 8.06
Average RF:0.732 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

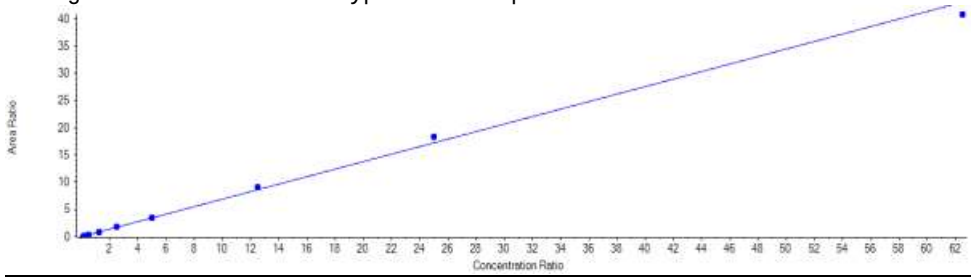
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFDA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.18	755900	52636	0.10	101.0	0.87	434	True	1.16
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.18	745000	96779	0.19	94.2	0.81	980	True	1.35
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.17	709400	227128	0.46	92.9	0.80	1669	True	1.25
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.18	725600	639422	1.28	102.3	0.88	2620	True	1.27
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.18	724500	1298863	2.60	104.0	0.90	3531	True	1.21
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.18	696100	2380952	4.96	99.2	0.86	3502	True	1.64
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.18	655800	5967617	13.20	105.6	0.91	5677	True	1.70
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.18	601100	10987417	26.51	106.1	0.91	7896	True	1.49
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.18	533200	21763691	59.21	94.7	0.82	10646	True	1.32

Analyte Name: PFDA
Regression Equation: y = 0.862 x (std. dev. = 0.035) (weighting: None)
Calibration Fit: RSD = 5.03 RSE = 5.03
Average RF:0.862 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

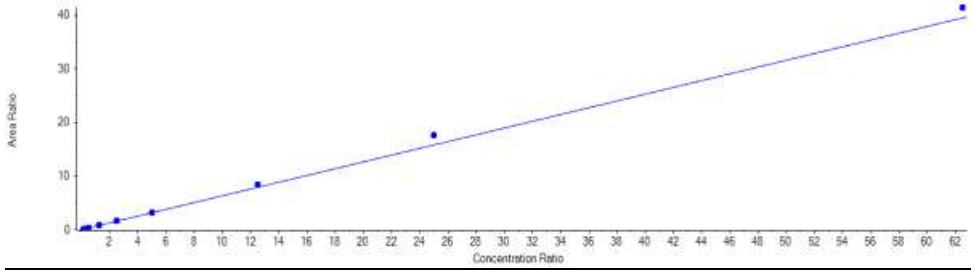
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFUnA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.47	669300	35228	0.08	83.3	0.66	372	True	1.38
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.47	601600	70846	0.19	93.2	0.74	704	True	0.96
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.47	556900	174087	0.49	98.9	0.78	1324	True	0.96
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.47	575300	462255	1.27	101.7	0.80	2055	True	0.99
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.48	594700	954021	2.54	101.5	0.80	2597	True	0.97
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.47	582400	1816864	4.94	98.7	0.78	7886	True	1.11
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.47	523200	4390261	13.27	106.2	0.84	7069	True	1.20
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.47	464500	8197525	27.92	111.7	0.88	6315	True	0.96
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.47	410100	17004399	65.60	105.0	0.83	10439	True	1.28

Analyte Name: PFUnA
Regression Equation: y = 0.790 x (std. dev. = 0.052) (weighting: None)
Calibration Fit: RSD = 8.17 RSE = 8.17
Average RF:0.790 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

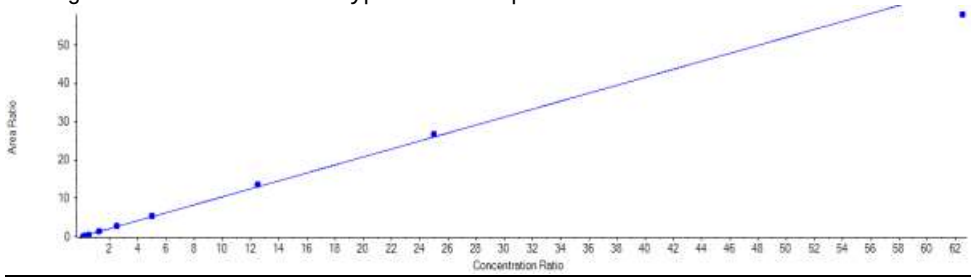
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFDoA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.91	366900	35360	0.09	92.7	1.21	743	True	1.26
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.91	361600	71799	0.19	95.4	1.24	924	True	1.16
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.90	351500	178586	0.49	97.7	1.27	1604	True	1.26
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.91	351900	489922	1.34	107.1	1.39	2740	True	1.39
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.91	364500	1010590	2.67	106.6	1.39	4572	True	1.11
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.91	357300	1927599	5.19	103.7	1.35	6964	True	1.40
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.90	355200	4823549	13.05	104.4	1.36	8753	True	1.32
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.91	350000	9400002	25.82	103.3	1.34	11451	True	1.29
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.90	356000	20644301	55.75	89.2	1.16	13675	True	1.46

Analyte Name: PFDoA
Regression Equation: y = 1.300 x (std. dev. = 0.067) (weighting: None)
Calibration Fit: RSD = 6.47 RSE = 6.47
Average RF:1.300 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

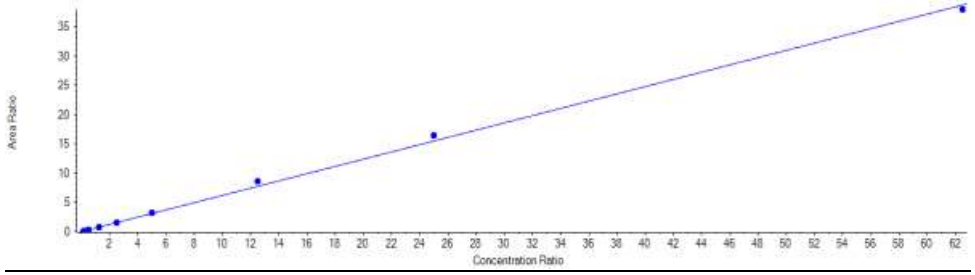
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Dataset: Default
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFTrDA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	9.50	366900	19413	0.09	85.4	0.66	232	True	1.53
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	9.50	361600	41986	0.19	93.7	0.73	420	True	1.21
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	9.50	351500	105929	0.49	97.2	0.75	965	True	1.06
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	9.51	351900	277739	1.27	101.9	0.79	1363	True	1.21
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	9.51	364500	588063	2.60	104.1	0.81	1854	True	1.30
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	9.50	357300	1141052	5.15	103.0	0.80	2531	True	1.30
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	9.50	355200	3032059	13.77	110.2	0.85	3644	True	1.35
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	9.50	350000	5780095	26.64	106.6	0.83	4417	True	1.26
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	9.50	356000	13521775	61.28	98.1	0.76	5537	True	1.19

Analyte Name: PFTrDA
Regression Equation: y = 0.775 x (std. dev. = 0.046) (weighting: None)
Calibration Fit: RSD = 7.43 RSE = 7.43
Average RF:0.775 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

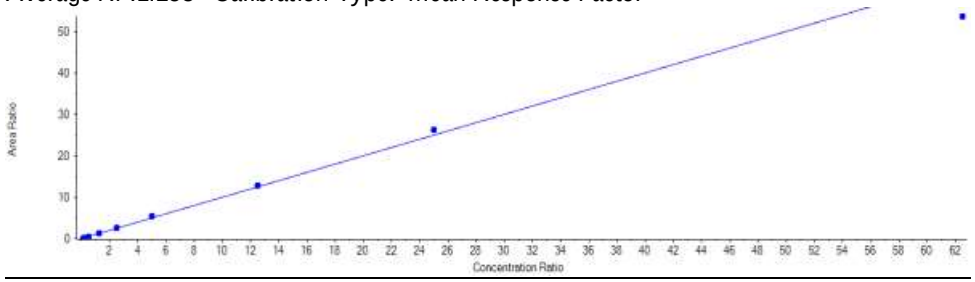
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFTeDA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	9.91	383300	39916	0.10	103.9	1.30	389	True	1.58
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	9.91	412200	75539	0.18	91.4	1.15	567	True	1.18
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	9.91	380500	186633	0.49	97.9	1.23	1068	True	1.21
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	9.92	392800	504145	1.28	102.4	1.28	1719	True	1.15
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	9.91	398400	1023758	2.56	102.6	1.29	2236	True	1.20
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	9.91	382500	2070325	5.40	108.0	1.35	2545	True	1.53
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	9.91	393600	5094568	12.91	103.3	1.30	6011	True	1.21
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	9.91	363900	9555438	26.19	104.8	1.31	6583	True	1.67
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	9.91	385100	20696767	53.62	85.8	1.08	6738	True	1.44

Analyte Name: PFTeDA
Regression Equation: y = 1.253 x (std. dev. = 0.071) (weighting: None)
Calibration Fit: RSD = 7.12 RSE = 7.12
Average RF:1.253 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

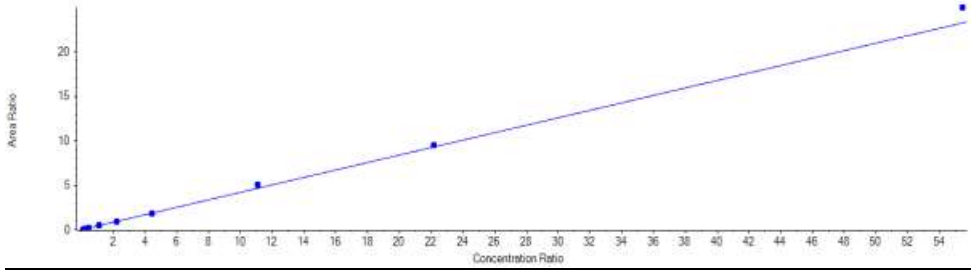
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFBS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.32	856300	29114	0.08	91.4	0.89	34	True	0.81
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.31	812400	57514	0.17	95.1	0.93	63	True	1.36
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.31	813200	146551	0.43	96.9	0.95	72	True	1.36
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.32	811200	378090	1.11	100.2	0.98	82	True	1.37
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.32	853200	786438	2.20	99.1	0.97	70	True	1.14
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.32	809900	1500220	4.42	99.6	0.97	103	True	0.97
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.31	781300	3919451	11.96	107.8	1.05	87	True	1.35
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.32	773600	7381223	22.74	102.6	1.00	75	True	1.05
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.32	699200	17476522	59.58	107.5	1.05	61	True	1.17

Analyte Name: PFBS
Regression Equation: y = 0.978 x (std. dev. = 0.023) (weighting: None)
Calibration Fit: RSD = 5.40 RSE = 5.40
Average RF:0.978 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

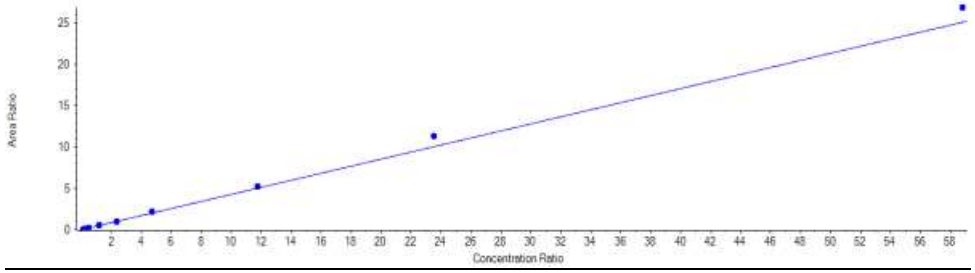
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFPeS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	6.34	705600	24008	0.08	84.8	0.86	751	True	1.03
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	6.34	681100	49418	0.17	90.4	0.91	1408	True	1.29
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	6.34	639900	120878	0.44	94.1	0.95	2430	True	1.22
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	6.34	661300	332690	1.18	100.3	1.01	4866	True	1.17
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	6.34	688800	680161	2.32	98.4	1.00	5997	True	1.39
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	6.34	610000	1312585	5.05	107.2	1.08	8414	True	1.15
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	6.34	650600	3422752	12.34	104.9	1.06	16269	True	1.14
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	6.34	597600	6765018	26.54	112.8	1.14	18343	True	1.29
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	6.34	590500	15870136	63.01	107.1	1.08	27047	True	1.26

Analyte Name: PFPeS
Regression Equation: y = 1.011 x (std. dev. = 0.039) (weighting: None)
Calibration Fit: RSD = 9.03 RSE = 9.03
Average RF:1.011 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

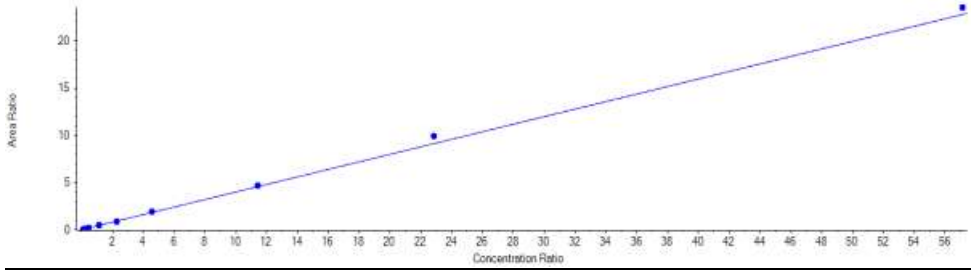
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFHxS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	7.62	705600	25007	0.09	97.1	0.92	32741	True	0.17
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	7.61	681100	50270	0.19	101.2	0.96	9073	True	1.24
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	7.61	639900	110263	0.43	94.5	0.89	9640	True	0.17
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	7.62	661300	286954	1.09	95.2	0.90	27806	True	1.04
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	7.62	688800	599989	2.18	95.5	0.90	40481	True	0.16
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	7.62	610000	1147248	4.71	103.1	0.98	42905	True	1.02
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	7.61	650600	3015740	11.61	101.7	0.96	20017	True	1.16
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	7.62	597600	5917905	24.81	108.6	1.03	40237	True	1.16
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	7.62	590500	13905841	59.00	103.3	0.98	848848	True	0.15

Analyte Name: PFHxS
Regression Equation: y = 0.946 x (std. dev. = 0.019) (weighting: None)
Calibration Fit: RSD = 4.75 RSE = 4.75
Average RF:0.946 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

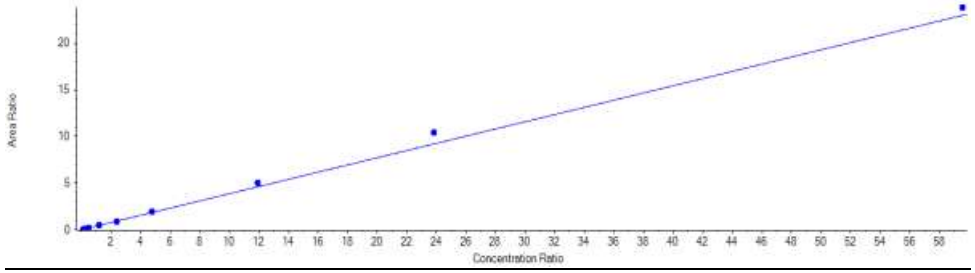
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFHpS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.02	732200	22616	0.08	84.0	0.78	3220	True	1.25
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.01	723500	48727	0.18	91.6	0.85	4477	True	0.81
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.01	677200	122492	0.47	98.4	0.91	2653	True	1.51
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.02	681900	306646	1.17	97.9	0.90	60036	True	1.46
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.02	747800	649407	2.25	94.5	0.87	1174053	True	1.35
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.02	667800	1320608	5.13	107.6	0.99	23379142	True	1.02
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.01	666100	3346971	13.02	109.3	1.01	17356	True	1.18
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.02	620600	6449656	26.94	113.1	1.05	22541	True	1.00
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.02	614900	14651286	61.77	103.7	0.96	113644652	True	0.95

Analyte Name: PFHpS
Regression Equation: y = 0.924 x (std. dev. = 0.036) (weighting: None)
Calibration Fit: RSD = 9.31 RSE = 9.31
Average RF:0.924 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

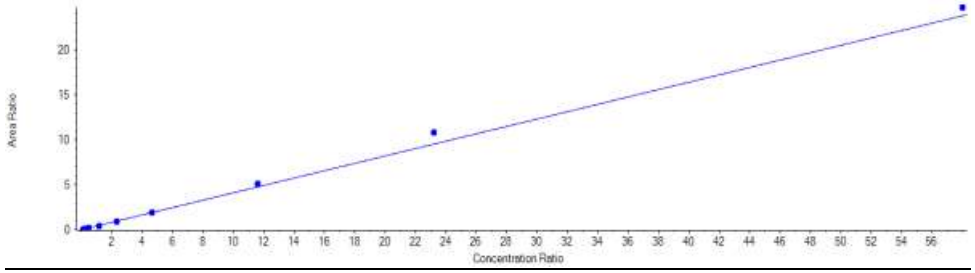
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFOS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.28	732200	25837	0.09	92.6	0.91	180	True	0.75
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.27	723500	52468	0.18	95.1	0.94	461	True	0.23
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.27	677200	128413	0.46	99.5	0.98	1030	True	0.27
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.28	681900	306039	1.09	94.2	0.93	1470	True	0.27
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.28	747800	668069	2.18	93.8	0.92	1870	True	0.27
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.27	667800	1290080	4.70	101.4	1.00	1963	True	0.29
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.27	666100	3372642	12.33	106.3	1.05	3548	True	0.33
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.28	620600	6704354	26.30	113.4	1.12	4128	True	0.30
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.27	614900	15218317	60.26	103.9	1.02	4971	True	0.28

Analyte Name: PFOS
Regression Equation: y = 0.984 x (std. dev. = 0.029) (weighting: None)
Calibration Fit: RSD = 6.95 RSE = 6.95
Average RF:0.984 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

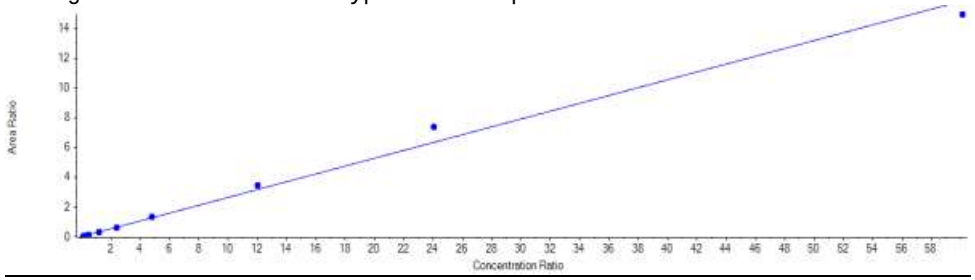
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Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFNS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.63	732200	15906	0.08	85.6	0.54	347	True	1.10
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.63	723500	34346	0.18	93.6	0.59	7658	True	1.34
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.62	677200	84849	0.48	98.8	0.62	11144	True	1.21
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.63	681900	220414	1.23	101.9	0.64	10074	True	1.32
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.63	747800	452953	2.30	95.5	0.60	13160	True	1.36
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.63	667800	887318	5.04	104.8	0.66	8484	True	1.45
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.63	666100	2304611	13.12	109.1	0.69	8538	True	1.02
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.63	620600	4586269	28.02	116.5	0.74	18061	True	0.96
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.63	614900	9187351	56.66	94.2	0.60	16737	True	1.14

Analyte Name: PFNS
Regression Equation: y = 0.632 x (std. dev. = 0.024) (weighting: None)
Calibration Fit: RSD = 9.25 RSE = 9.25
Average RF:0.632 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

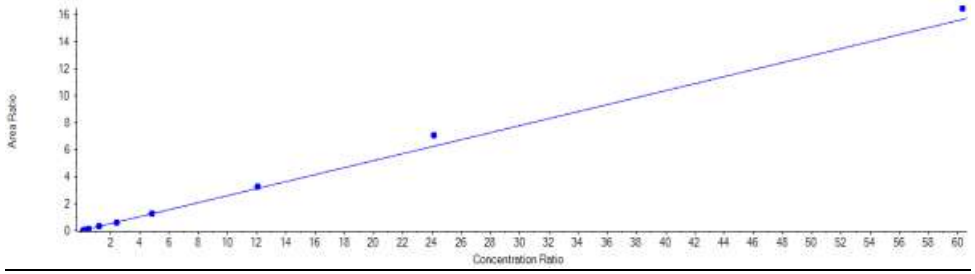
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFDS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	9.15	732200	16034	0.08	87.4	0.54	1465	True	1.21
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	9.15	723500	33457	0.18	92.2	0.57	3522	True	1.19
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	9.14	677200	79503	0.45	93.7	0.58	7344	True	1.33
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	9.15	681900	224077	1.27	104.9	0.65	14605	True	1.19
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	9.15	747800	450279	2.32	96.1	0.60	10431	True	1.22
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	9.15	667800	862876	4.97	103.1	0.64	100447	True	1.11
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	9.14	666100	2184110	12.62	104.6	0.65	33767	True	1.42
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	9.14	620600	4389768	27.23	112.9	0.70	27975	True	1.30
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	9.14	614900	10136479	63.46	105.2	0.66	29238	True	1.23

Analyte Name: PFDS
Regression Equation: y = 0.622 x (std. dev. = 0.021) (weighting: None)
Calibration Fit: RSD = 8.09 RSE = 8.09
Average RF:0.622 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

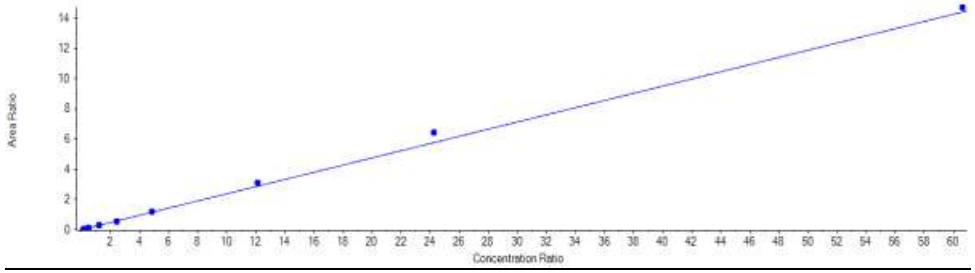
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFDoS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	10.01	732200	14889	0.09	88.1	0.50	28946	True	1.15
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	10.00	723500	31280	0.18	93.7	0.53	3800	True	0.82
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	10.00	677200	76105	0.47	97.4	0.56	6785	True	0.84
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	10.01	681900	199205	1.23	101.3	0.58	130155	True	1.39
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	10.01	747800	418271	2.35	96.9	0.55	22261	True	1.43
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	10.00	667800	781329	4.92	101.4	0.58	184218	True	1.08
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	10.00	666100	2057796	12.98	107.1	0.61	10089	True	0.85
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	10.01	620600	4012335	27.17	112.1	0.64	102420	True	1.15
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	10.00	614900	9057070	61.91	102.1	0.58	18400	True	1.07

Analyte Name: PFDoS
Regression Equation: y = 0.570 x (std. dev. = 0.017) (weighting: None)
Calibration Fit: RSD = 7.08 RSE = 7.08
Average RF:0.570 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

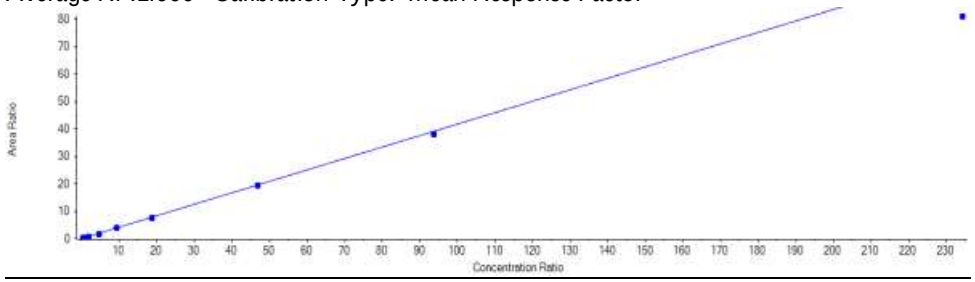
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 4:2FTS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.14	316000	63237	0.48	127.7	2.50	933	True	0.97
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.13	292500	102451	0.84	111.8	2.19	491983	True	1.48
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.14	284100	214011	1.80	96.2	1.88	1806	True	1.57
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.14	293700	502551	4.10	87.4	1.71	29167999	True	1.29
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.14	296100	1152996	9.32	99.4	1.95	4172	True	1.09
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.14	279400	2150596	18.42	98.2	1.93	4758	True	1.53
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.13	271600	5291738	46.63	99.5	1.95	2568647	True	1.45
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.14	270900	10310809	91.08	97.2	1.90	5795546	True	0.96
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.14	285500	23137425	193.97	82.8	1.62	171109961	True	1.04

Analyte Name: 4:2FTS
Regression Equation: y = 1.960 x (std. dev. = 0.055) (weighting: None)
Calibration Fit: RSD = 13.18 RSE = 13.18
Average RF:1.960 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

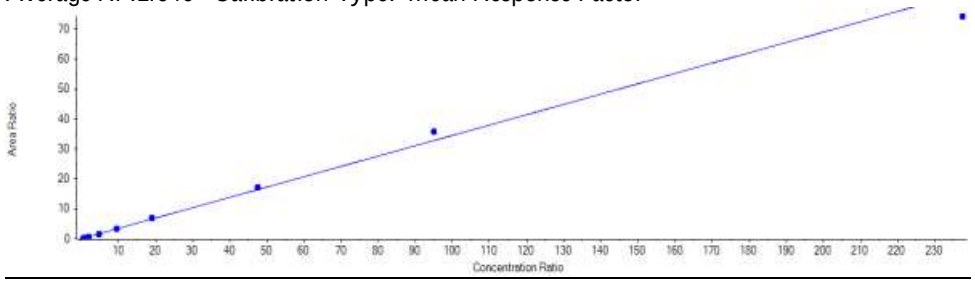
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 6:2FTS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	7.09	238700	29652	0.36	94.8	1.55	5755123	True	1.28
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	7.09	214800	54403	0.73	96.6	1.59	672	True	0.95
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	7.09	212200	134548	1.84	96.7	1.59	2075	True	1.04
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	7.10	208800	344993	4.79	100.8	1.65	3309	True	1.13
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	7.09	217600	731187	9.74	102.5	1.68	47100004	True	1.15
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	7.09	207100	1415815	19.81	104.3	1.71	4100892	True	1.45
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	7.09	208600	3565584	49.53	104.3	1.71	120969116	True	1.38
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	7.09	200500	7191794	103.98	109.5	1.80	4944	True	1.19
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	7.09	218700	16231198	215.16	90.6	1.49	1168487	True	1.39

Analyte Name: 6:2FTS
Regression Equation: y = 1.640 x (std. dev. = 0.020) (weighting: None)
Calibration Fit: RSD = 5.82 RSE = 5.82
Average RF:1.640 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

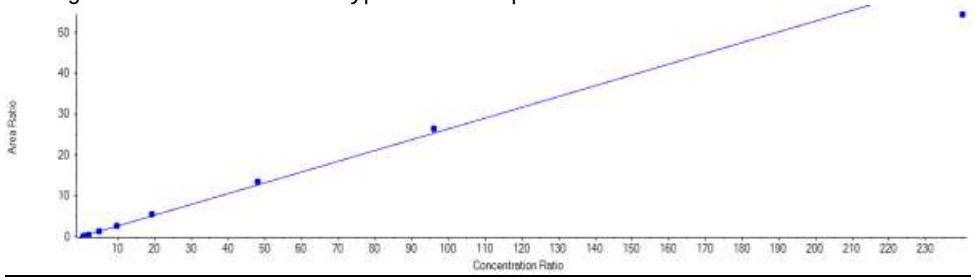
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 8:2FTS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.07	355700	32302	0.34	89.6	1.14	1120	True	1.05
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.07	350100	67583	0.73	95.2	1.21	39273	True	1.57
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.07	314700	160030	1.93	100.3	1.27	370097	True	1.56
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.08	324500	432638	5.05	105.2	1.33	4642	True	1.42
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.07	341500	910884	10.10	105.2	1.33	4008	True	1.30
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.07	309400	1682010	20.59	107.2	1.36	5550	True	1.02
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.07	298200	4038399	51.28	106.8	1.35	5812	True	1.15
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.08	271800	7209364	100.44	104.6	1.33	7027	True	1.03
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.07	278600	15163258	206.09	85.9	1.09	9396	True	1.68

Analyte Name: 8:2FTS
Regression Equation: y = 1.267 x (std. dev. = 0.021) (weighting: None)
Calibration Fit: RSD = 7.96 RSE = 7.96
Average RF:1.267 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

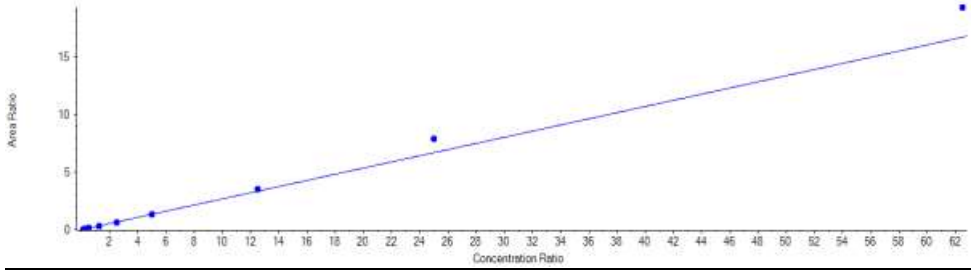
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFOSA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	9.55	1055000	25409	0.09	90.1	0.60	480	True	0.16
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	9.54	1009000	48458	0.18	89.8	0.60	664	True	0.18
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	9.54	992200	119348	0.45	90.0	0.60	872	True	0.17
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	9.55	1001000	319396	1.19	95.5	0.64	22824431	True	0.17
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	9.55	1011000	658264	2.44	97.4	0.65	38374	True	0.18
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	9.55	938700	1244740	4.96	99.2	0.66	2974031	True	0.16
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	9.54	902700	3171379	13.14	105.1	0.70	1226	True	0.17
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	9.55	820100	6437202	29.36	117.4	0.79	86873	True	0.15
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	9.54	780100	15046966	72.14	115.4	0.77	22190	True	0.18

Analyte Name: PFOSA
Regression Equation: y = 0.668 x (std. dev. = 0.028) (weighting: None)
Calibration Fit: RSD = 10.60 RSE = 10.60
Average RF:0.668 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

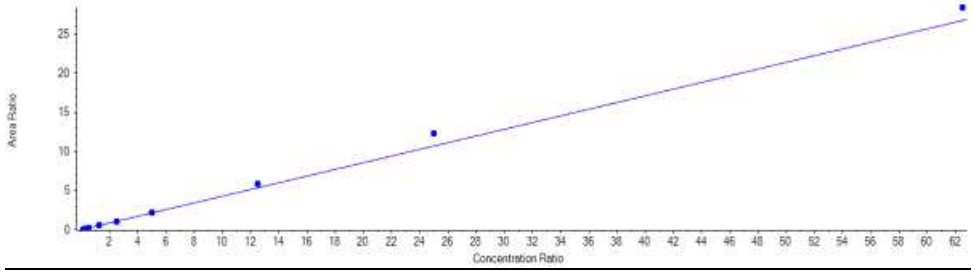
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NMeFOSA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	10.17	174700	5812	0.08	77.7	0.83	598555	True	0.26
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	10.16	155700	13659	0.21	102.4	1.10	233	True	0.29
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	10.16	159200	30885	0.45	90.6	0.97	23430	True	0.31
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	10.17	162800	85925	1.23	98.6	1.06	22807	True	0.28
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	10.17	166900	173879	2.43	97.3	1.04	610172	True	0.28
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	10.17	153200	337828	5.15	103.0	1.10	11133	True	0.24
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	10.17	153000	895612	13.67	109.4	1.17	6479	True	0.31
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	10.17	148600	1828142	28.71	114.9	1.23	4490	True	0.25
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	10.17	155900	4433790	66.40	106.2	1.14	8489	True	0.25

Analyte Name: NMeFOSA
Regression Equation: y = 1.071 x (std. dev. = 0.047) (weighting: None)
Calibration Fit: RSD = 10.94 RSE = 10.94
Average RF:1.071 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

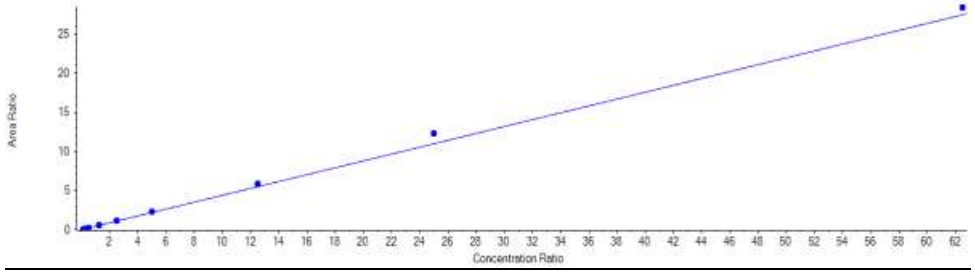
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Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NEtFOSA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	10.38	167500	6309	0.09	85.7	0.94	8149	True	0.31
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	10.38	167100	12795	0.17	87.2	0.96	74730	True	0.27
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	10.37	153300	31911	0.47	94.8	1.04	227762	True	0.27
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	10.38	158000	90396	1.30	104.2	1.14	39369	True	0.27
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	10.38	160700	181221	2.57	102.7	1.13	6895810	True	0.23
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	10.38	151400	342011	5.14	102.9	1.13	9106041	True	0.25
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	10.38	150300	887257	13.44	107.5	1.18	6668	True	0.23
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	10.38	142000	1739926	27.89	111.6	1.23	203912	True	0.25
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	10.38	149000	4230356	64.65	103.4	1.14	26257	True	0.27

Analyte Name: NEtFOSA
Regression Equation: y = 1.098 x (std. dev. = 0.039) (weighting: None)
Calibration Fit: RSD = 8.88 RSE = 8.88
Average RF:1.098 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

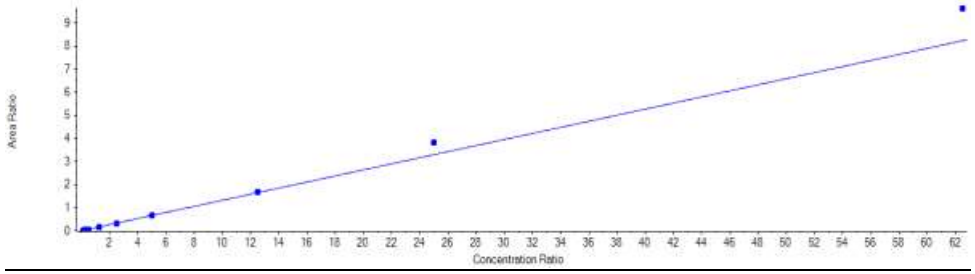
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NMeFOSAA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.22	873200	10089	0.09	87.8	0.58	29422	True	0.89
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.22	828200	19476	0.18	89.4	0.59	335	True	1.27
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.22	649400	36814	0.43	86.2	0.57	811	True	1.48
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.23	839100	138283	1.25	100.2	0.66	1949	True	1.44
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.23	700000	231441	2.51	100.5	0.66	1249	True	1.42
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.23	693300	460043	5.04	100.9	0.66	2090	True	1.03
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.22	693500	1169398	12.81	102.5	0.67	1742	True	1.19
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.23	679700	2587090	28.92	115.7	0.76	1459	True	1.00
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.23	532600	5124216	73.11	117.0	0.77	1402	True	0.93

Analyte Name: NMeFOSAA
Regression Equation: y = 0.658 x (std. dev. = 0.015) (weighting: None)
Calibration Fit: RSD = 11.16 RSE = 11.16
Average RF:0.658 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

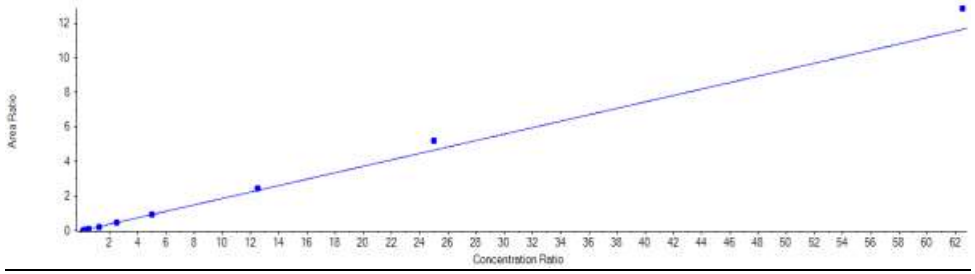
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NEtFOSAA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.36	401500	6220	0.08	83.1	0.77	349	True	1.29
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.37	384200	14442	0.20	100.8	0.94	328	True	1.00
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.36	377500	35871	0.51	101.9	0.95	455	True	0.51
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.37	387000	84369	1.17	93.5	0.87	622	True	0.47
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.37	404700	180301	2.39	95.6	0.89	564	True	0.50
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.37	385700	356003	4.95	99.0	0.92	889	True	0.43
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.36	368700	895167	13.02	104.2	0.97	781	True	0.48
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.37	359800	1868827	27.86	111.4	1.04	1062	True	1.13
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.37	340800	4386182	69.03	110.4	1.03	911	True	1.58

Analyte Name: NEtFOSAA
Regression Equation: y = 0.932 x (std. dev. = 0.016) (weighting: None)
Calibration Fit: RSD = 8.73 RSE = 8.73
Average RF:0.932 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

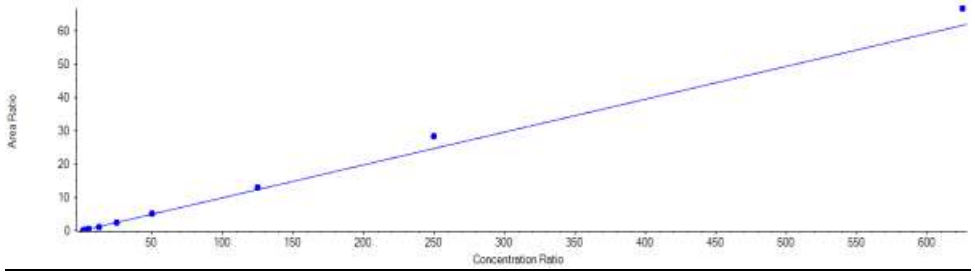
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NMeFOSE

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	10.08	1247000	109398	0.89	88.9	2.19	1787	True	0.26
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	10.08	1181000	220343	1.89	94.5	2.33	1918	True	0.31
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	10.08	1164000	543241	4.73	94.6	2.33	4149	True	0.32
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	10.08	1228000	1480904	12.22	97.8	2.41	3172	True	0.30
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	10.08	1289000	2982647	23.45	93.8	2.31	13701	True	0.30
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	10.08	1204000	6081925	51.19	102.4	2.53	17397	True	0.25
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	10.08	1269000	16436198	131.22	105.0	2.59	6722	True	0.32
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	10.08	1205000	34160374	287.20	114.9	2.83	10771	True	0.25
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	10.08	1259000	84038487	676.35	108.2	2.67	9664	True	0.25

Analyte Name: NMeFOSE
Regression Equation: y = 2.467 x (std. dev. = 0.008) (weighting: None)
Calibration Fit: RSD = 8.26 RSE = 8.26
Average RF:2.467 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

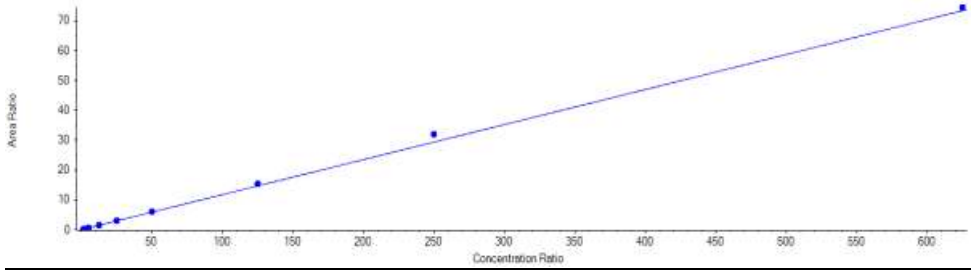
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NEtFOSE

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	10.28	1961000	200381	0.87	87.1	2.56	1226	True	0.29
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	10.28	1862000	414400	1.90	94.8	2.78	1083	True	0.25
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	10.27	1797000	1009032	4.78	95.6	2.81	2095	True	0.25
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	10.28	1877000	2767938	12.56	100.5	2.95	2771	True	0.24
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	10.28	1859000	5649756	25.89	103.6	3.04	3392	True	0.26
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	10.28	1796000	10881697	51.62	103.3	3.03	4693	True	0.28
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	10.28	1794000	27604824	131.07	104.9	3.08	4266	True	0.28
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	10.28	1689000	53947112	272.13	108.9	3.19	4972	True	0.30
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	10.28	1668000	124215059	634.26	101.5	2.98	5049	True	0.23

Analyte Name: NEtFOSE
Regression Equation: y = 2.935 x (std. dev. = 0.008) (weighting: None)
Calibration Fit: RSD = 6.53 RSE = 6.53
Average RF:2.935 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

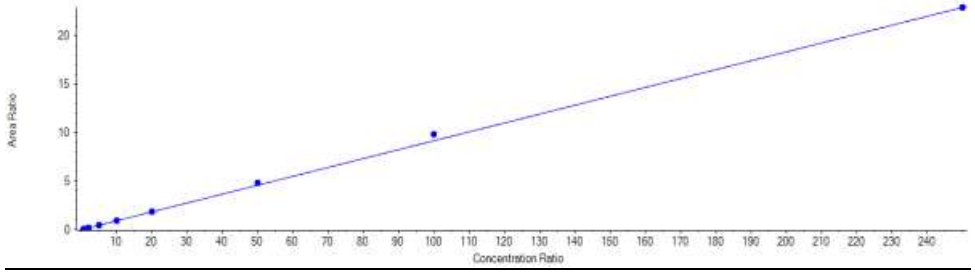
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: HFPO-DA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.61	2886000	92315	0.35	87.2	0.80	20279	True	1.21
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.60	2757000	196682	0.78	97.3	0.89	2485	True	1.08
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.60	2653000	500246	2.06	102.8	0.94	7412	True	1.25
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.60	2847000	1288956	4.94	98.8	0.91	62161	True	1.35
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.60	3027000	2739320	9.87	98.7	0.91	18258	True	1.14
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.60	2725000	5113517	20.47	102.3	0.94	27944	True	1.20
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.60	2718000	13116686	52.65	105.3	0.97	25693	True	1.20
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.60	2507000	24712719	107.52	107.5	0.99	38611	True	1.08
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.60	2454000	56235106	249.99	100.0	0.92	44180	True	1.21

Analyte Name: HFPO-DA
Regression Equation: y = 0.917 x (std. dev. = 0.005) (weighting: None)
Calibration Fit: RSD = 5.83 RSE = 5.83
Average RF:0.917 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

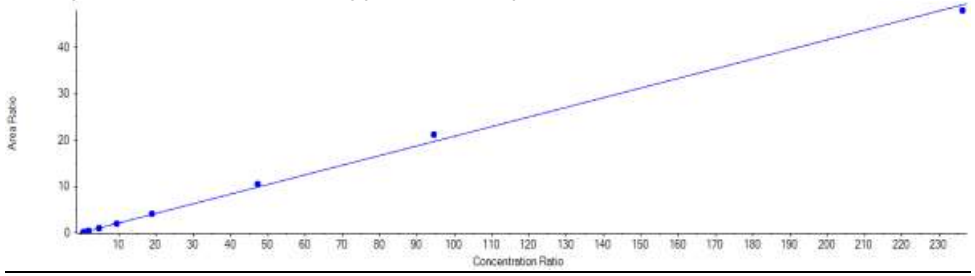
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: ADONA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	6.72	2886000	201429	0.34	88.6	1.85	25325	True	1.16
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	6.72	2757000	425384	0.74	97.9	2.04	44579	True	1.11
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	6.72	2653000	1036431	1.87	99.1	2.07	341420	True	1.01
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	6.72	2847000	2822750	4.76	100.7	2.10	15753	True	1.32
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	6.72	3027000	5872996	9.31	98.5	2.05	15728	True	1.09
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	6.72	2725000	11102447	19.54	103.4	2.16	13709	True	1.07
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	6.71	2718000	28514834	50.33	106.5	2.22	30974	True	1.30
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	6.72	2507000	53256061	101.89	107.8	2.25	25828	True	1.05
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	6.72	2454000	117900625	230.46	97.6	2.03	28418	True	1.36

Analyte Name: ADONA
Regression Equation: y = 2.085 x (std. dev. = 0.012) (weighting: None)
Calibration Fit: RSD = 5.70 RSE = 5.70
Average RF:2.085 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

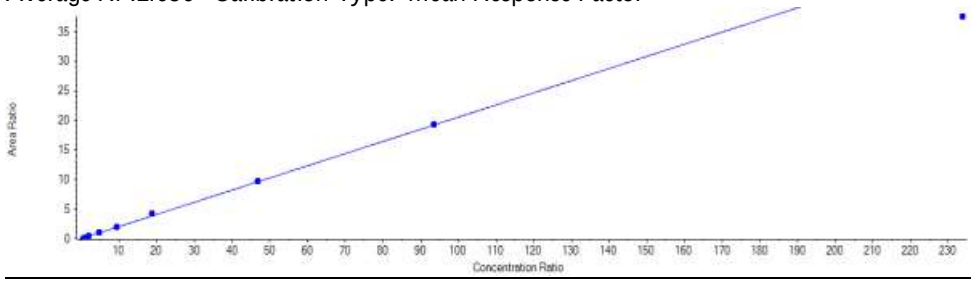
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Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 9Cl-PF3ONS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.50	2886000	195597	0.33	88.2	1.81	856461	True	0.86
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.50	2757000	444386	0.78	104.8	2.16	1583171	True	1.10
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.49	2653000	1064499	1.95	104.4	2.15	2862685	True	1.03
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.50	2847000	2946988	5.04	107.7	2.21	88586	True	1.05
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.50	3027000	6066657	9.75	104.3	2.14	6318	True	1.08
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.50	2725000	11512976	20.55	109.9	2.26	1142992	True	1.17
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.50	2718000	26617233	47.64	101.9	2.10	80345	True	1.37
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.50	2507000	48493859	94.09	100.6	2.07	96371	True	1.29
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.50	2454000	92226023	182.83	78.2	1.61	119953	True	1.15

Analyte Name: 9Cl-PF3ONS
Regression Equation: y = 2.056 x (std. dev. = 0.021) (weighting: None)
Calibration Fit: RSD = 10.23 RSE = 10.23
Average RF:2.056 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

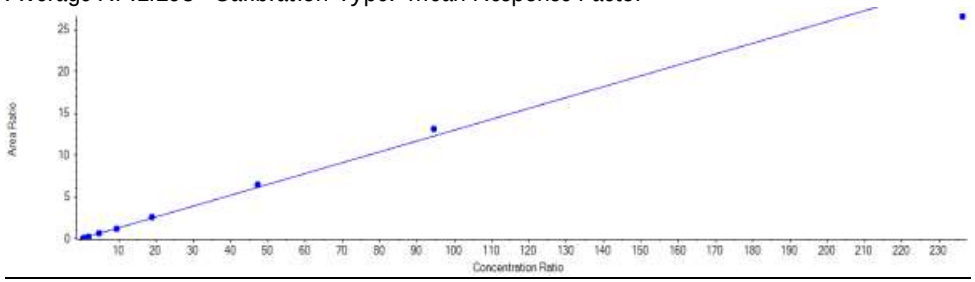
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 11Cl-PF3OUdS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	9.57	2886000	136607	0.37	96.4	1.25	1958	True	1.05
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	9.57	2757000	265657	0.74	98.2	1.27	3313	True	0.91
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	9.57	2653000	665847	1.93	102.3	1.33	3193	True	1.11
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	9.58	2847000	1734547	4.69	99.3	1.29	4468	True	1.28
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	9.58	3027000	3680248	9.37	99.1	1.29	549080	True	1.32
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	9.57	2725000	7082207	20.01	105.9	1.38	186177	True	0.98
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	9.57	2718000	17563776	49.77	105.3	1.37	1838742	True	1.10
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	9.57	2507000	32877183	100.99	106.9	1.39	101214	True	1.38
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	9.57	2454000	65219566	204.69	86.6	1.13	53514	True	1.33

Analyte Name: 11Cl-PF3OUdS
Regression Equation: y = 1.298 x (std. dev. = 0.008) (weighting: None)
Calibration Fit: RSD = 6.24 RSE = 6.24
Average RF:1.298 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

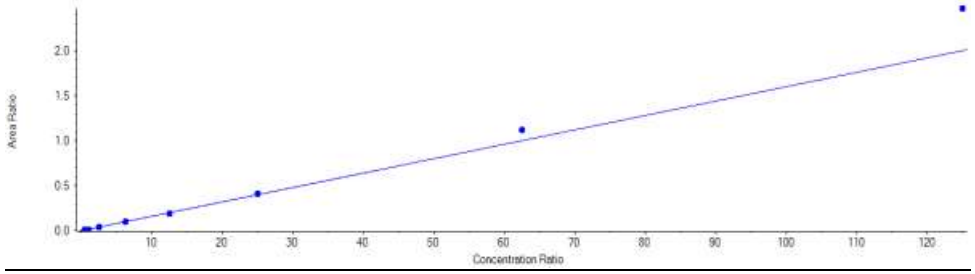
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Dataset: Default
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 3:3FTCA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	4.91	1742000	11661	0.42	83.7	0.07	549	True	1.14
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	4.91	1675000	23352	0.87	87.2	0.07	6376312	True	1.13
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	4.91	1617000	61750	2.39	95.5	0.08	652224	True	1.33
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	4.92	1673000	162277	6.06	97.0	0.08	2725	True	1.14
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	4.92	1701000	330654	12.15	97.2	0.08	1464	True	1.68
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	4.91	1593000	659551	25.88	103.5	0.08	4667	True	1.23
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	4.91	1536000	1725859	70.27	112.4	0.09	551294	True	1.22
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	4.91	1347000	3325237	154.34	123.5	0.10	480675	True	1.55
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	N/A	1241000	N/A	N/A	N/A	N/A	N/A	False	N/A

Analyte Name: 3:3FTCA
Regression Equation: y = 0.080 x (std. dev. = 0.002) (weighting: None)
Calibration Fit: RSD = 13.02 RSE = 13.02
Average RF:0.080 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

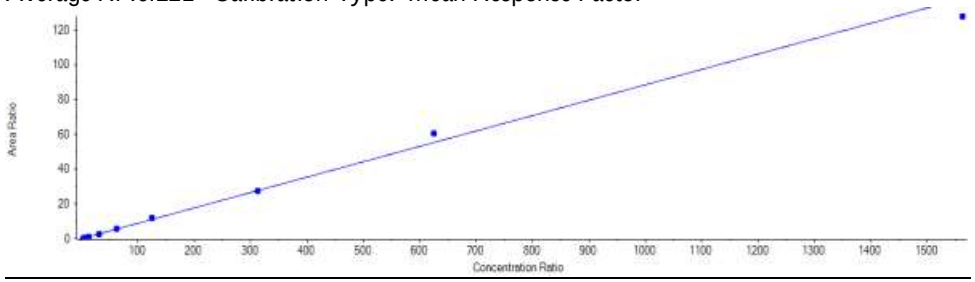
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 5:3FTCA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	7.16	1043000	225324	2.44	97.8	0.22	7438	True	1.27
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	7.16	1082000	457091	4.78	95.6	0.21	4516	True	1.28
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	7.16	1035000	1109466	12.13	97.0	0.21	17454	True	1.13
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	7.17	1088000	2908807	30.24	96.8	0.21	26902	True	1.53
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	7.16	1067000	6221772	65.95	105.5	0.23	21075	True	1.27
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	7.16	995300	11672941	132.65	106.1	0.24	30755	True	1.19
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	7.16	1062000	29042126	309.44	99.0	0.22	26557	True	1.18
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	7.16	952600	57800169	686.27	109.8	0.24	27228	True	1.32
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	7.16	942500	120353707	1444.28	92.4	0.20	34647	True	1.20

Analyte Name: 5:3FTCA
Regression Equation: y = 0.221 x (std. dev. = 0.005) (weighting: None)
Calibration Fit: RSD = 5.77 RSE = 5.77
Average RF:0.221 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

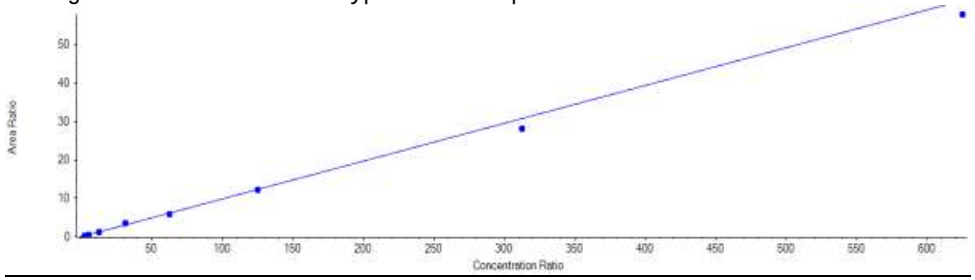
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 7:3FTCA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.21	1043000	272814	2.66	106.3	0.26	816972	True	1.42
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.21	1082000	583552	5.48	109.6	0.27	883473	True	1.02
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.21	1035000	1148521	11.28	90.2	0.22	1064938	True	1.11
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.22	1088000	3798713	35.47	113.5	0.28	3323	True	1.07
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.21	1067000	6248141	59.49	95.2	0.23	522134	True	1.03
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.21	995300	12166666	124.20	99.4	0.24	14783	True	1.27
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.21	1062000	29960681	286.75	91.8	0.23	24002	True	1.50
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.21	952600	55121038	587.88	94.1	0.23	38567	True	1.31
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	N/A	942500	N/A	N/A	N/A	N/A	N/A	False	N/A

Analyte Name: 7:3FTCA
Regression Equation: y = 0.246 x (std. dev. = 0.009) (weighting: None)
Calibration Fit: RSD = 8.76 RSE = 8.76
Average RF:0.246 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

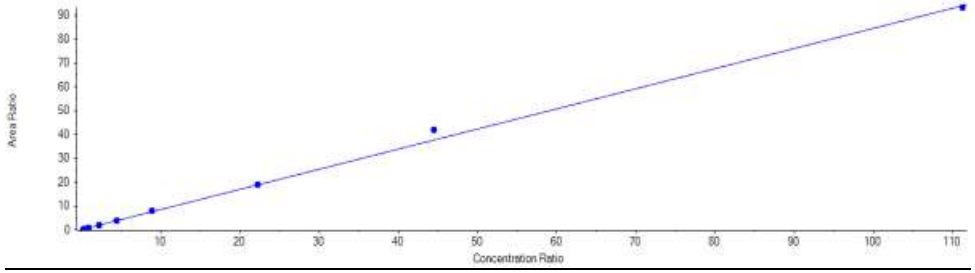
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFEESA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.71	1043000	150155	0.17	95.7	2.02	3071	True	1.18
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.71	1082000	304483	0.33	93.5	1.98	5410	True	1.33
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.71	1035000	748553	0.86	96.1	2.03	5953	True	1.19
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.71	1088000	1967602	2.14	96.1	2.03	12486	True	1.24
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.71	1067000	4052494	4.49	100.9	2.13	13782	True	1.49
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.71	995300	7928840	9.42	105.9	2.24	17439	True	1.40
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.71	1062000	20195715	22.50	101.1	2.14	34835	True	1.42
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.71	952600	39950589	49.60	111.5	2.36	44053	True	1.37
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.71	942500	87964966	110.38	99.2	2.10	58046	True	1.19

Analyte Name: PFEESA
Regression Equation: y = 2.114 x (std. dev. = 0.048) (weighting: None)
Calibration Fit: RSD = 5.70 RSE = 5.70
Average RF:2.114 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

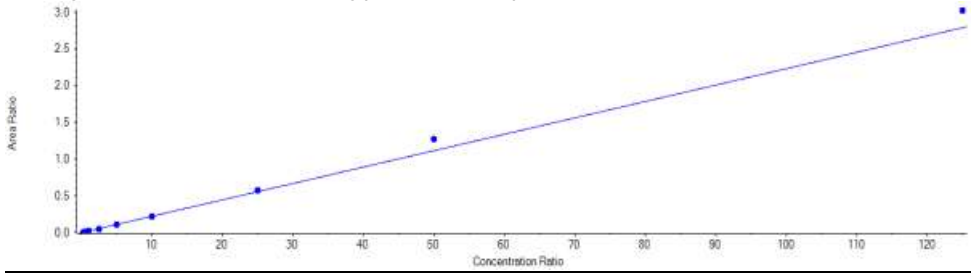
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFMPA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	3.85	1742000	7169	0.18	92.2	0.10	497	True	1.15
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	3.85	1675000	14165	0.38	94.7	0.11	787	True	1.16
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	3.85	1617000	33877	0.94	93.9	0.11	1334	True	1.35
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	3.86	1673000	90755	2.43	97.2	0.11	2435	True	1.13
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	3.85	1701000	186580	4.91	98.3	0.11	3255	True	0.99
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	3.85	1593000	351979	9.90	99.0	0.11	4883	True	1.28
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	3.84	1536000	875313	25.54	102.2	0.11	6361	True	1.20
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	3.85	1347000	1717029	57.11	114.2	0.13	10711	True	1.12
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	3.86	1241000	3753262	135.50	108.4	0.12	12755	True	1.08

Analyte Name: PFMPA
Regression Equation: y = 0.112 x (std. dev. = 0.002) (weighting: None)
Calibration Fit: RSD = 7.21 RSE = 7.21
Average RF:0.112 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

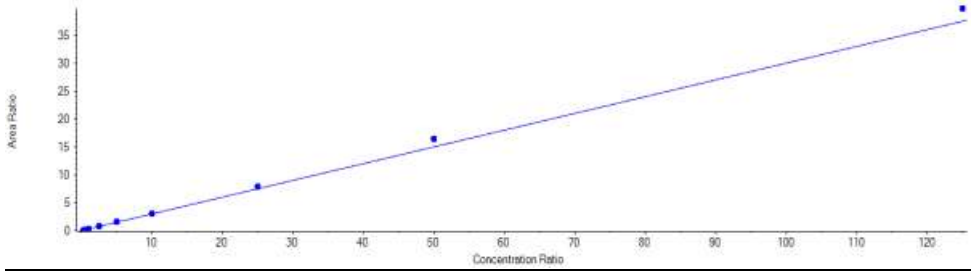
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFMBA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	4.88	1742000	93621	0.18	89.3	1.34	1504	True	1.37
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	4.87	1675000	191221	0.38	94.8	1.43	1959	True	1.25
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	4.87	1617000	470133	0.97	96.6	1.45	2484	True	1.36
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	4.88	1673000	1223138	2.43	97.2	1.46	13679	True	1.14
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	4.88	1701000	2617337	5.11	102.2	1.54	9691	True	0.97
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	4.88	1593000	4778782	9.97	99.7	1.50	12087	True	1.31
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	4.87	1536000	12117026	26.22	104.9	1.58	17509	True	1.33
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	4.88	1347000	22136596	54.61	109.2	1.64	18616	True	0.93
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	4.88	1241000	49534492	132.63	106.1	1.60	27796	True	1.04

Analyte Name: PFMBA
Regression Equation: y = 1.505 x (std. dev. = 0.019) (weighting: None)
Calibration Fit: RSD = 6.25 RSE = 6.25
Average RF:1.505 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

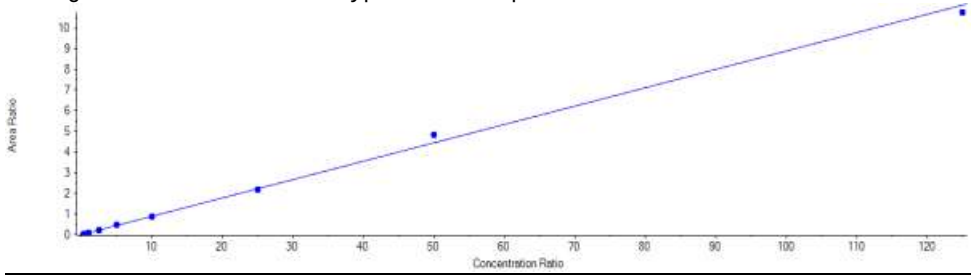
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Dataset: Default
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NFDHA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.26	1043000	19368	0.21	104.3	0.23	1279	True	1.04
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.26	1082000	37544	0.39	97.4	0.22	1999	True	0.95
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.25	1035000	88598	0.96	96.2	0.21	3362	True	0.88
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.26	1088000	227164	2.35	93.8	0.21	5793	True	1.43
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.26	1067000	496414	5.23	104.5	0.23	3450	True	1.24
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.26	995300	880207	9.94	99.4	0.22	5007	True	0.98
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.25	1062000	2327402	24.63	98.5	0.22	5012	True	1.42
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.25	952600	4623243	54.52	109.0	0.24	6055	True	1.09
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.26	942500	10150512	120.98	96.8	0.22	9101	True	1.20

Analyte Name: NFDHA
Regression Equation: y = 0.223 x (std. dev. = 0.004) (weighting: None)
Calibration Fit: RSD = 4.91 RSE = 4.91
Average RF:0.223 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

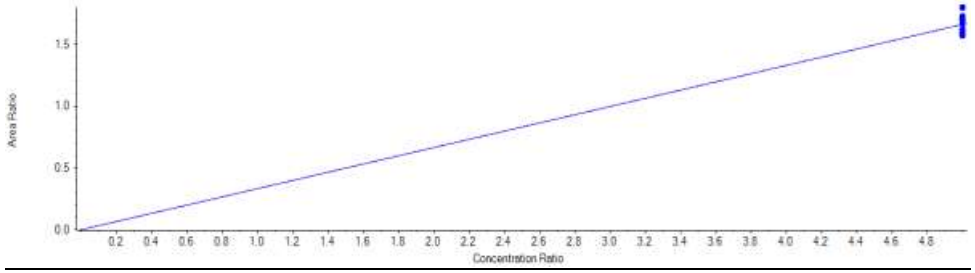
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 13C2D4-4:2FTS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.13	547400	984958	5.41	108.3	0.85	38881	True	1.42
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.12	547700	946281	5.20	103.9	0.82	20779	True	1.22
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.12	546900	866893	4.77	95.4	0.75	2402	True	1.32
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.13	586500	924127	4.74	94.8	0.75	178277	True	1.11
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.13	571000	972080	5.12	102.4	0.81	13709	True	0.99
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.13	551900	919882	5.01	100.3	0.79	5794	True	1.29
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.12	570800	967104	5.10	101.9	0.80	1842	True	1.18
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.13	550300	889831	4.86	97.3	0.77	10886	True	1.48
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.13	524700	835350	4.79	95.8	0.76	7630	True	1.57

Analyte Name: 13C2D4-4:2FTS
Regression Equation: y = 0.788 x (std. dev. = 0.015) (weighting: None)
Calibration Fit: RSD = 4.57 RSE = 0.00
Average RF:0.788 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

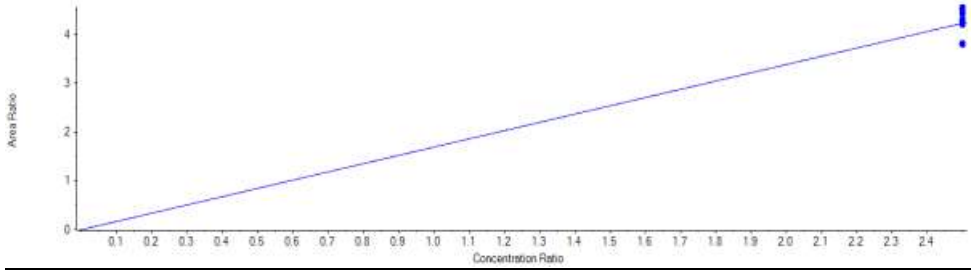
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 13C2-PFOA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	7.50	753400	3409390	2.67	106.9	4.53	687912	True	1.21
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	7.49	761500	3366661	2.61	104.5	4.42	108677677	True	1.26
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	7.49	762900	3205026	2.48	99.3	4.20	11159	True	1.36
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	7.50	783100	3340729	2.52	100.8	4.27	92469373	True	1.09
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	7.50	764800	3484143	2.69	107.7	4.56	12952	True	1.22
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	7.50	771600	3324516	2.55	101.8	4.31	6630373	True	1.11
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	7.50	810200	3402324	2.48	99.2	4.20	7632	True	1.20
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	7.50	834400	3163005	2.24	89.6	3.79	9612	True	1.21
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	7.50	801800	3061091	2.26	90.2	3.82	5355	True	1.44

Analyte Name: 13C2-PFOA
Regression Equation: y = 4.232 x (std. dev. = 0.110) (weighting: None)
Calibration Fit: RSD = 6.48 RSE = 0.00
Average RF:4.232 Calibration Type: Mean Response Factor



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Instrument ID	: LCMS05	Ical Ref	: ICAL21391
Calibration dates	: 08/13/24 21:50 08/13/24 23:32		

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

WG	1958909													
Date	8/13/2024													
EIS	**IA1633STD-.1**	**IA1633STD-.2**	**IA1633STD-.5**	**IA1633STD-1.25**	**IA1633STD-2.5**	**IA1633STD-5**	**IA1633STD-12.5**	**IA1633STD-25**	**IA1633STD-62.5**	**AVG RF**	**RSD Calc**		**AVG RF**	**RSD**
13C4-PFBA	1.257	1.193	1.161	1.126	1.199	1.103	1.102	1.050	1.094	1.143	5.7%		1.143	5.669
13C5-PFPeA	0.739	0.695	0.632	0.649	0.691	0.634	0.612	0.541	0.574	0.641	9.6%		0.641	9.634
13C5-PFHxA	0.885	0.898	0.809	0.845	0.867	0.793	0.846	0.766	0.872	0.842	5.3%		0.842	5.289
13C4-PFHpA	0.934	0.882	0.806	0.817	0.895	0.805	0.819	0.762	0.871	0.843	6.5%		0.843	6.476
13C8-PFOA	2.164	2.046	1.908	2.010	2.112	1.897	1.824	1.596	1.639	1.911	10.4%		1.911	10.36
13C9-PFNA	1.093	1.104	1.023	1.041	1.048	1.041	0.998	0.934	0.955	1.026	5.5%		1.026	5.537
13C6-PFDA	1.203	1.114	1.090	1.076	1.082	1.050	1.006	0.982	0.977	1.064	6.7%		1.064	6.718
13C7-PFUnA	1.065	0.899	0.856	0.853	0.888	0.879	0.802	0.759	0.751	0.861	10.9%		0.861	10.876
13C2-PFDoA	0.584	0.541	0.540	0.522	0.544	0.539	0.545	0.572	0.652	0.560	7.0%		0.560	7.008
13C2-PFTeDA	0.610	0.616	0.585	0.582	0.595	0.577	0.604	0.595	0.705	0.608	6.4%		0.608	6.387
13C3-PFBS	1.591	1.509	1.512	1.407	1.520	1.493	1.392	1.430	1.356	1.468	5.1%		1.468	5.147
13C3-PFHxS	1.289	1.244	1.170	1.128	1.206	1.105	1.140	1.086	1.126	1.166	5.8%		1.166	5.81
13C8-PFOS	1.534	1.440	1.407	1.304	1.472	1.284	1.264	1.189	1.289	1.354	8.4%		1.354	8.401
13C2-4:2FTS	0.292	0.270	0.262	0.253	0.262	0.256	0.240	0.249	0.275	0.262	5.9%		0.262	5.833
13C2-6:2FTS	0.217	0.195	0.193	0.177	0.190	0.187	0.182	0.182	0.208	0.192	6.7%		0.192	6.74
13C2-8:2FTS	0.321	0.316	0.284	0.273	0.295	0.277	0.258	0.244	0.262	0.281	9.2%		0.281	9.193
13C8-PFOSA	2.117	1.924	1.975	1.833	1.906	1.729	1.641	1.505	1.567	1.800	11.3%		1.800	11.303
d3-NMeFOSA	0.350	0.297	0.317	0.298	0.315	0.282	0.278	0.273	0.313	0.303	8.0%		0.303	8.024
d5-NEtFOSA	0.336	0.319	0.305	0.289	0.303	0.279	0.273	0.261	0.299	0.296	7.9%		0.296	7.902
d3-NMeFOSAA	0.876	0.790	0.646	0.769	0.660	0.639	0.630	0.624	0.535	0.685	15.3%		0.685	15.311
d5-NEtFOSAA	0.403	0.366	0.376	0.355	0.381	0.355	0.335	0.330	0.342	0.360	6.6%		0.360	6.559
d7-NMeFOSE	0.250	0.225	0.232	0.225	0.243	0.222	0.231	0.221	0.253	0.234	5.2%		0.234	5.211
d9-NEtFOSE	0.393	0.355	0.358	0.344	0.351	0.331	0.326	0.310	0.335	0.345	6.9%		0.345	6.906
13C3-HFPO-DA	0.612	0.572	0.519	0.552	0.615	0.543	0.542	0.504	0.568	0.559	6.8%		0.558	6.78
NIS	**IA1633STD-.1**	**IA1633STD-.2**	**IA1633STD-.5**	**IA1633STD-1.25**	**IA1633STD-2.5**	**IA1633STD-5**	**IA1633STD-12.5**	**IA1633STD-25**	**IA1633STD-62.5**	**AVG RF**	**RSD Calc**		**AVG RF**	**RSD**
13C3-PFBA	1.008	1.016	1.015	1.073	1.046	1.039	0.999	0.958	0.846	1.000	6.6%		1	6.628
13C2-PFHxA	0.963	0.984	1.044	1.053	1.006	1.026	1.025	1.017	0.883	1.000	5.2%		1	5.208
13C4-PFOA	0.963	0.973	0.975	1.001	0.977	0.986	1.035	1.066	1.024	1.000	3.5%		1	3.481
13C5-PFNA	1.003	1.003	1.011	1.046	1.002	1.001	1.045	0.972	0.916	1.000	3.9%		1	3.904
13C2-PFDA	0.981	1.044	1.016	1.053	1.046	1.035	1.018	0.955	0.852	1.000	6.4%		1	6.402
18O2-PFHxS	0.986	0.986	0.985	1.056	1.028	0.994	1.028	0.991	0.945	1.000	3.3%		1	3.262
13C4-PFOS	0.947	0.996	0.955	1.037	1.008	1.031	1.045	1.035	0.946	1.000	4.1%		1	4.112

Initial Calibration Report

SCIEX OS Version 3.3.0.12027

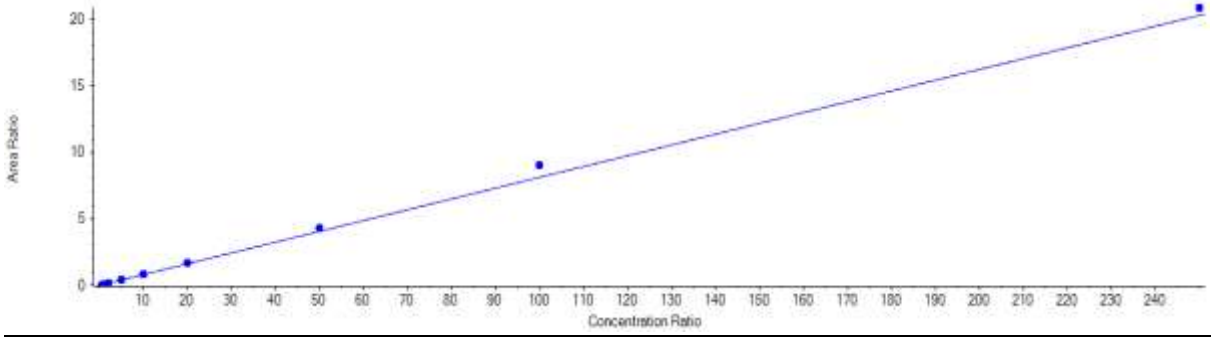
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFBA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	2.90	2709000	76984	0.35	87.6	0.71	323	True	0.96
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	2.90	2592000	159293	0.76	94.7	0.77	548	True	0.96
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	2.89	2519000	392007	1.92	95.9	0.78	791	True	0.94
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	2.90	2585000	1039126	4.96	99.1	0.80	1468	True	0.98
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	2.90	2681000	2162387	9.95	99.5	0.81	2017	True	1.16
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	2.89	2451000	4086434	20.56	102.8	0.83	2618	True	1.06
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	2.89	2355000	10163727	53.21	106.4	0.86	4525	True	1.08
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	2.89	2151000	19372954	111.06	111.1	0.90	6259	True	1.07
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	2.89	1978000	41238756	257.04	102.8	0.83	7593	True	1.35

Analyte Name: PFBA
Regression Equation: y = 0.811 x (std. dev. = 0.006) (weighting: None)
Calibration Fit: RSD = 6.87 RSE = 6.87
Average RF:0.811 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

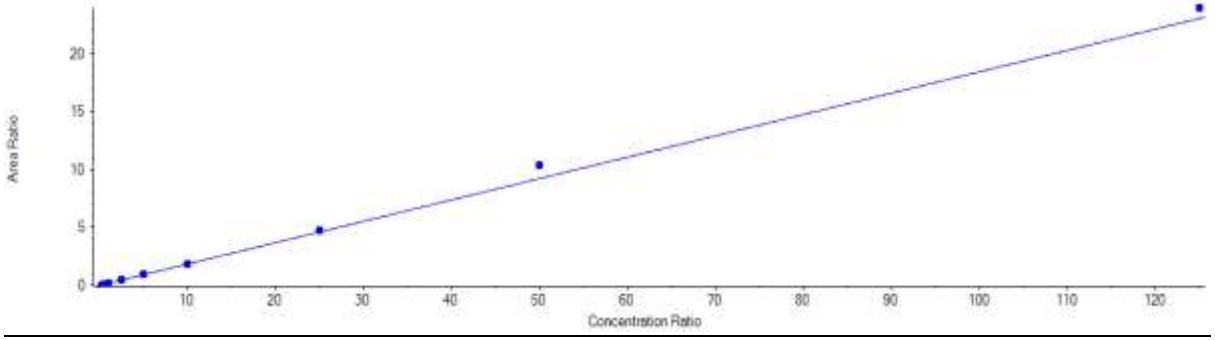
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Dataset: Default
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFPeA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	4.64	1742000	58992	0.18	91.8	0.85	359	True	1.60
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	4.64	1675000	115247	0.37	93.3	0.86	387	True	1.34
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	4.64	1617000	285758	0.96	95.8	0.88	1221	True	1.55
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	4.65	1673000	782592	2.54	101.5	0.94	1886	True	1.05
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	4.65	1701000	1580428	5.04	100.8	0.93	1993	True	1.29
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	4.64	1593000	2862778	9.74	97.4	0.90	4666	True	1.45
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	4.64	1536000	7315685	25.84	103.4	0.95	4328	True	1.41
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	4.65	1347000	13922796	56.05	112.1	1.03	8593	True	1.46
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	4.65	1241000	29743263	129.97	104.0	0.96	9629	True	1.09

Analyte Name: PFPeA
Regression Equation: y = 0.922 x (std. dev. = 0.012) (weighting: None)
Calibration Fit: RSD = 6.25 RSE = 6.25
Average RF:0.922 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

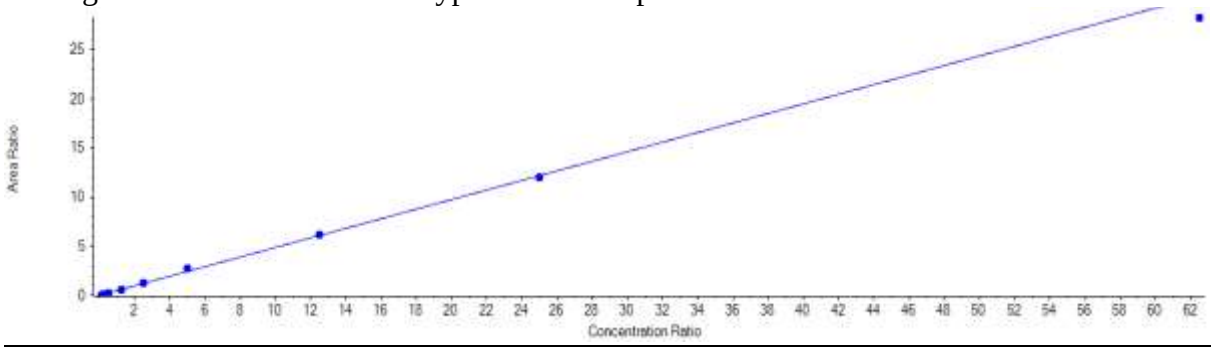
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFHxA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.34	1043000	53455	0.11	105.2	1.28	266	True	1.48
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.34	1082000	99881	0.19	94.7	1.15	307	True	1.47
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.34	1035000	234525	0.47	93.0	1.13	716	True	1.25
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.34	1088000	643791	1.21	97.1	1.18	1119	True	1.18
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.34	1067000	1354168	2.60	104.2	1.27	1122	True	1.00
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.34	995300	2736579	5.64	112.8	1.38	2013	True	1.44
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.34	1062000	6556474	12.67	101.4	1.24	2673	True	1.28
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.34	952600	11476754	24.72	98.9	1.21	4199	True	1.41
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.34	942500	26624209	57.96	92.7	1.13	4600	True	1.13

Analyte Name: PFHxA
Regression Equation: y = 1.218 x (std. dev. = 0.032) (weighting: None)
Calibration Fit: RSD = 6.61 RSE = 6.61
Average RF:1.218 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

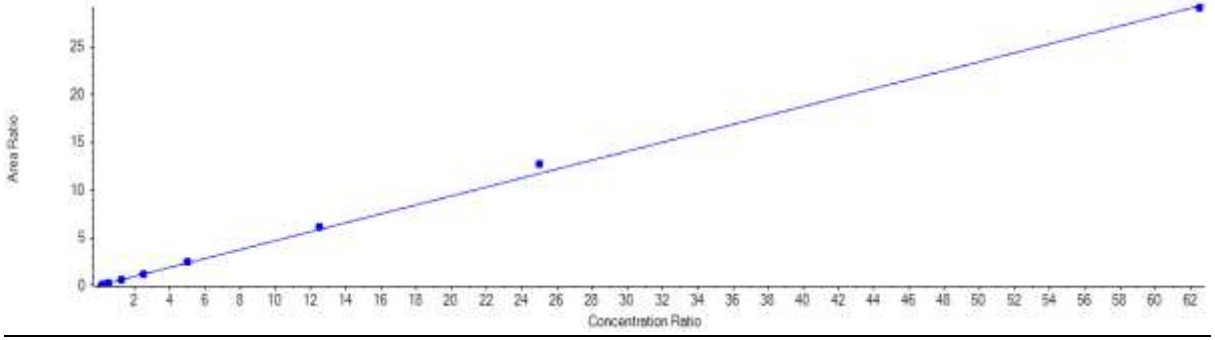
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFHpA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	6.25	1100000	47414	0.09	92.0	1.08	332	True	1.31
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	6.25	1063000	96463	0.19	96.9	1.13	557	True	1.47
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	6.25	1030000	227673	0.47	94.3	1.11	1128	True	1.42
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	6.25	1052000	614946	1.25	99.8	1.17	1930	True	1.22
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	6.25	1102000	1316642	2.55	102.0	1.20	2287	True	1.33
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	6.25	1011000	2442453	5.16	103.2	1.21	3033	True	1.36
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	6.25	1027000	6242426	12.97	103.8	1.22	4597	True	1.36
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	6.25	948500	12077750	27.18	108.7	1.27	6436	True	1.32
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	6.25	941100	27365507	62.08	99.3	1.16	9844	True	1.26

Analyte Name: PFHpA
Regression Equation: y = 1.171 x (std. dev. = 0.024) (weighting: None)
Calibration Fit: RSD = 5.14 RSE = 5.14
Average RF:1.171 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

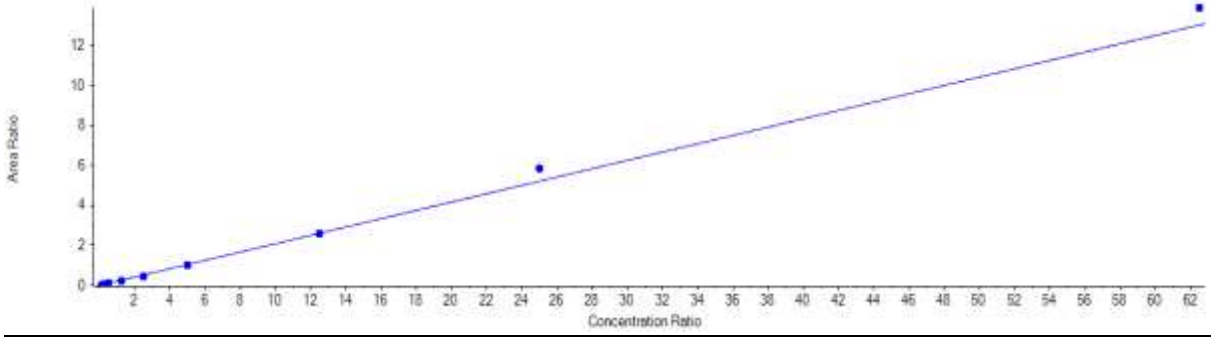
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Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFOA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	7.50	1630000	36354	0.11	107.1	0.56	198	True	0.10
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	7.50	1558000	61419	0.19	94.7	0.49	276	True	0.11
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	7.50	1455000	152387	0.50	100.6	0.52	595	True	0.16
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	7.51	1574000	383547	1.17	93.7	0.49	950	True	0.16
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	7.50	1615000	762266	2.27	90.7	0.47	1608	True	0.14
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	7.50	1464000	1457619	4.79	95.7	0.50	2159	True	0.16
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	7.50	1477000	3795945	12.35	98.8	0.51	3257	True	0.14
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	7.51	1332000	7765819	28.01	112.1	0.58	4787	True	0.11
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	7.50	1314000	18218936	66.64	106.6	0.56	6395	True	0.12

Analyte Name: PFOA
Regression Equation: y = 0.520 x (std. dev. = 0.015) (weighting: None)
Calibration Fit: RSD = 7.20 RSE = 7.20
Average RF:0.520 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

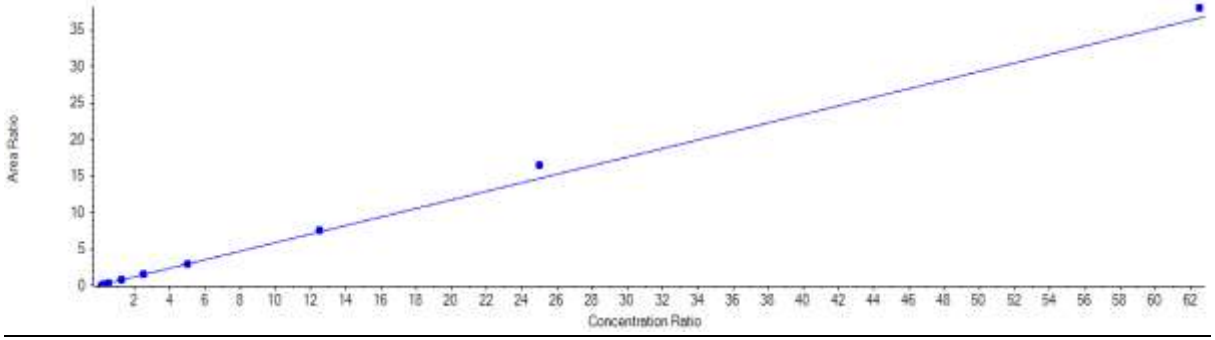
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFNA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	7.95	750800	37224	0.09	84.7	0.62	285	True	0.29
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	7.95	758100	81852	0.18	92.2	0.68	518	True	0.40
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	7.95	707900	203035	0.49	98.0	0.72	709	True	0.39
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	7.95	745800	540767	1.24	99.1	0.73	1132	True	0.40
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	7.95	718900	1108082	2.63	105.3	0.77	1389	True	0.39
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	7.95	713200	2096579	5.02	100.4	0.74	2134	True	0.33
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	7.95	714000	5432775	12.99	104.0	0.76	3350	True	0.35
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	7.95	621400	10245828	28.16	112.6	0.82	5226	True	0.31
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	7.95	598800	22763835	64.92	103.9	0.76	5978	True	0.29

Analyte Name: PFNA
Regression Equation: y = 0.732 x (std. dev. = 0.047) (weighting: None)
Calibration Fit: RSD = 8.06 RSE = 8.06
Average RF:0.732 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

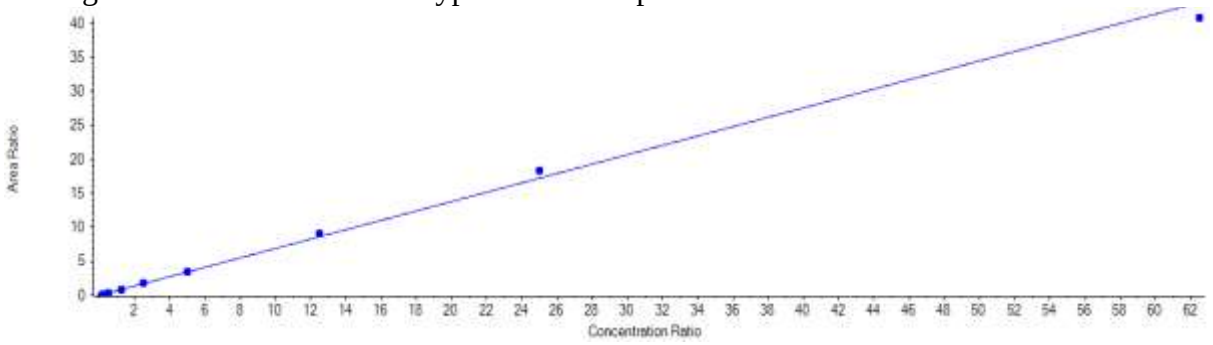
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFDA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.18	755900	52636	0.10	101.0	0.87	434	True	1.16
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.18	745000	96779	0.19	94.2	0.81	980	True	1.35
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.17	709400	227128	0.46	92.9	0.80	1669	True	1.25
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.18	725600	639422	1.28	102.3	0.88	2620	True	1.27
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.18	724500	1298863	2.60	104.0	0.90	3531	True	1.21
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.18	696100	2380952	4.96	99.2	0.86	3502	True	1.64
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.18	655800	5967617	13.20	105.6	0.91	5677	True	1.70
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.18	601100	10987417	26.51	106.1	0.91	7896	True	1.49
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.18	533200	21763691	59.21	94.7	0.82	10646	True	1.32

Analyte Name: PFDA
Regression Equation: y = 0.862 x (std. dev. = 0.035) (weighting: None)
Calibration Fit: RSD = 5.03 RSE = 5.03
Average RF:0.862 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

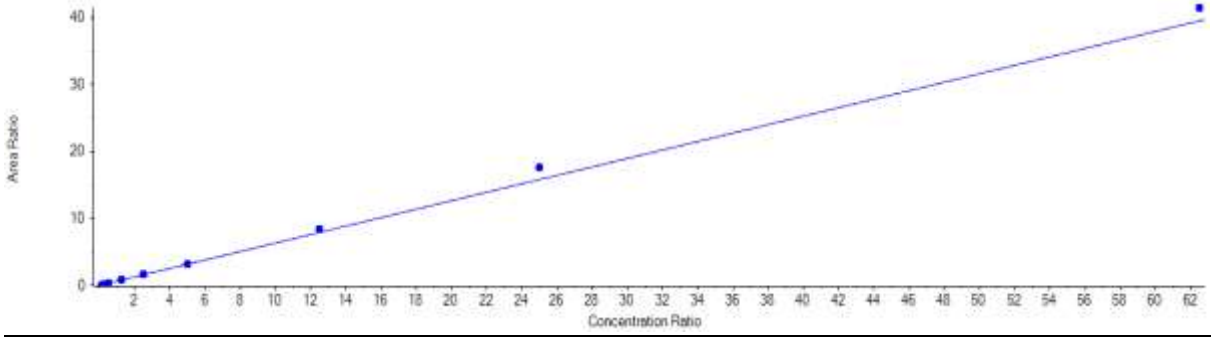
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFUnA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.47	669300	35228	0.08	83.3	0.66	372	True	1.38
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.47	601600	70846	0.19	93.2	0.74	704	True	0.96
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.47	556900	174087	0.49	98.9	0.78	1324	True	0.96
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.47	575300	462255	1.27	101.7	0.80	2055	True	0.99
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.48	594700	954021	2.54	101.5	0.80	2597	True	0.97
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.47	582400	1816864	4.94	98.7	0.78	7886	True	1.11
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.47	523200	4390261	13.27	106.2	0.84	7069	True	1.20
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.47	464500	8197525	27.92	111.7	0.88	6315	True	0.96
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.47	410100	17004399	65.60	105.0	0.83	10439	True	1.28

Analyte Name: PFUnA
Regression Equation: y = 0.790 x (std. dev. = 0.052) (weighting: None)
Calibration Fit: RSD = 8.17 RSE = 8.17
Average RF:0.790 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

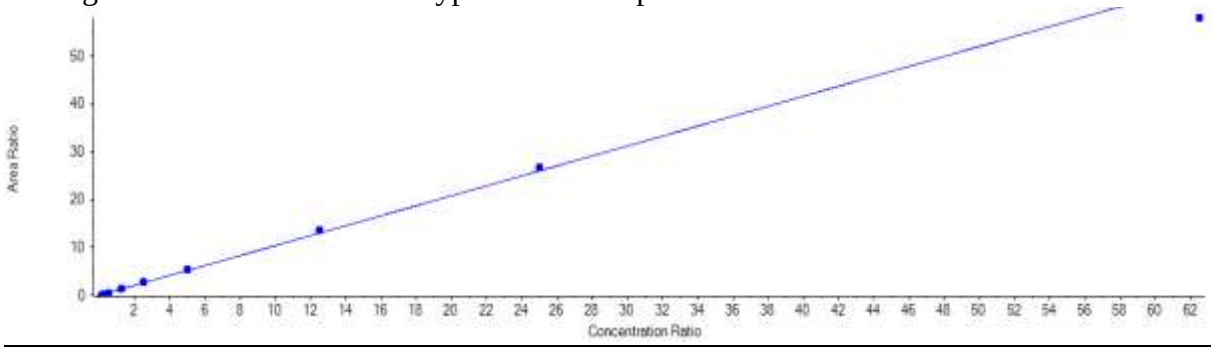
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFDoA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.91	366900	35360	0.09	92.7	1.21	743	True	1.26
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.91	361600	71799	0.19	95.4	1.24	924	True	1.16
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.90	351500	178586	0.49	97.7	1.27	1604	True	1.26
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.91	351900	489922	1.34	107.1	1.39	2740	True	1.39
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.91	364500	1010590	2.67	106.6	1.39	4572	True	1.11
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.91	357300	1927599	5.19	103.7	1.35	6964	True	1.40
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.90	355200	4823549	13.05	104.4	1.36	8753	True	1.32
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.91	350000	9400002	25.82	103.3	1.34	11451	True	1.29
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.90	356000	20644301	55.75	89.2	1.16	13675	True	1.46

Analyte Name: PFDoA
Regression Equation: y = 1.300 x (std. dev. = 0.067) (weighting: None)
Calibration Fit: RSD = 6.47 RSE = 6.47
Average RF:1.300 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

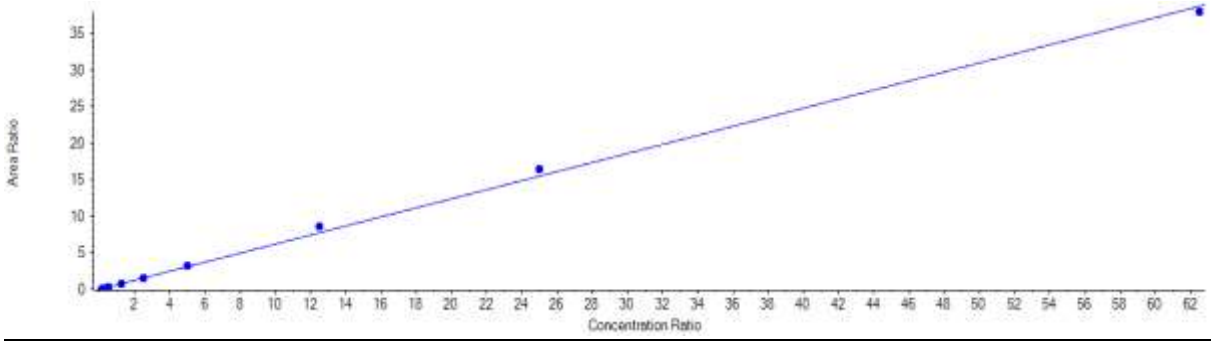
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFTrDA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	9.50	366900	19413	0.09	85.4	0.66	232	True	1.53
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	9.50	361600	41986	0.19	93.7	0.73	420	True	1.21
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	9.50	351500	105929	0.49	97.2	0.75	965	True	1.06
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	9.51	351900	277739	1.27	101.9	0.79	1363	True	1.21
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	9.51	364500	588063	2.60	104.1	0.81	1854	True	1.30
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	9.50	357300	1141052	5.15	103.0	0.80	2531	True	1.30
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	9.50	355200	3032059	13.77	110.2	0.85	3644	True	1.35
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	9.50	350000	5780095	26.64	106.6	0.83	4417	True	1.26
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	9.50	356000	13521775	61.28	98.1	0.76	5537	True	1.19

Analyte Name: PFTrDA
Regression Equation: y = 0.775 x (std. dev. = 0.046) (weighting: None)
Calibration Fit: RSD = 7.43 RSE = 7.43
Average RF:0.775 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

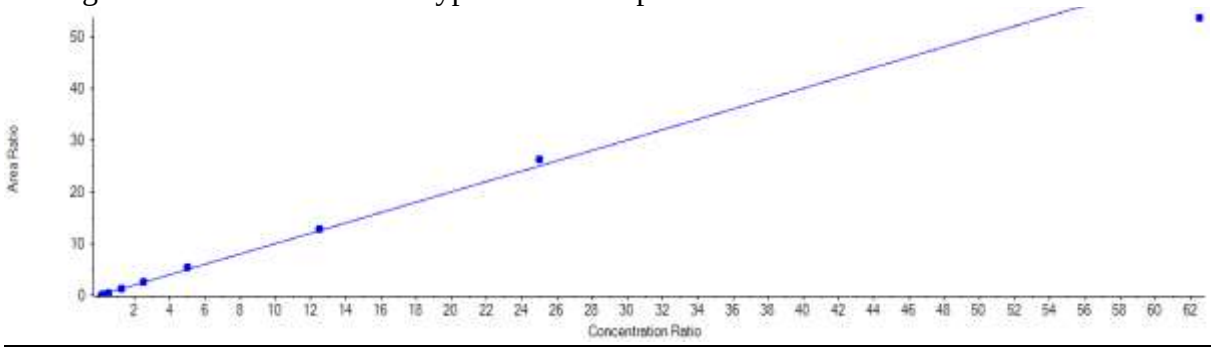
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFTeDA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	9.91	383300	39916	0.10	103.9	1.30	389	True	1.58
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	9.91	412200	75539	0.18	91.4	1.15	567	True	1.18
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	9.91	380500	186633	0.49	97.9	1.23	1068	True	1.21
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	9.92	392800	504145	1.28	102.4	1.28	1719	True	1.15
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	9.91	398400	1023758	2.56	102.6	1.29	2236	True	1.20
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	9.91	382500	2070325	5.40	108.0	1.35	2545	True	1.53
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	9.91	393600	5094568	12.91	103.3	1.30	6011	True	1.21
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	9.91	363900	9555438	26.19	104.8	1.31	6583	True	1.67
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	9.91	385100	20696767	53.62	85.8	1.08	6738	True	1.44

Analyte Name: PFTeDA
Regression Equation: y = 1.253 x (std. dev. = 0.071) (weighting: None)
Calibration Fit: RSD = 7.12 RSE = 7.12
Average RF:1.253 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

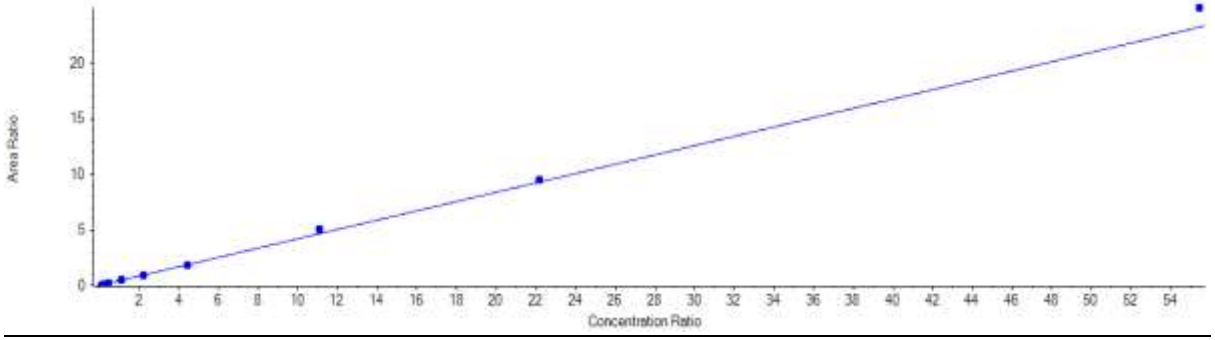
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFBS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.32	856300	29114	0.08	91.4	0.89	34	True	0.81
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.31	812400	57514	0.17	95.1	0.93	63	True	1.36
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.31	813200	146551	0.43	96.9	0.95	72	True	1.36
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.32	811200	378090	1.11	100.2	0.98	82	True	1.37
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.32	853200	786438	2.20	99.1	0.97	70	True	1.14
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.32	809900	1500220	4.42	99.6	0.97	103	True	0.97
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.31	781300	3919451	11.96	107.8	1.05	87	True	1.35
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.32	773600	7381223	22.74	102.6	1.00	75	True	1.05
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.32	699200	17476522	59.58	107.5	1.05	61	True	1.17

Analyte Name: PFBS
Regression Equation: y = 0.978 x (std. dev. = 0.023) (weighting: None)
Calibration Fit: RSD = 5.40 RSE = 5.40
Average RF:0.978 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

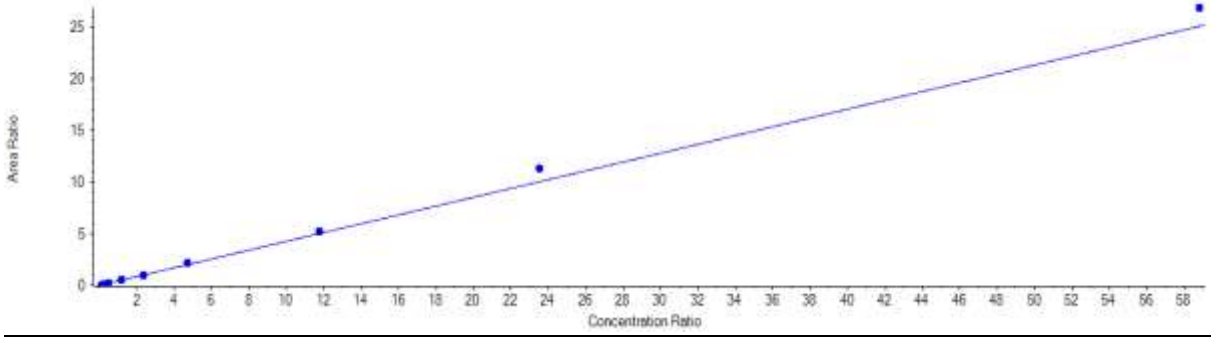
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFPeS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	6.34	705600	24008	0.08	84.8	0.86	751	True	1.03
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	6.34	681100	49418	0.17	90.4	0.91	1408	True	1.29
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	6.34	639900	120878	0.44	94.1	0.95	2430	True	1.22
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	6.34	661300	332690	1.18	100.3	1.01	4866	True	1.17
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	6.34	688800	680161	2.32	98.4	1.00	5997	True	1.39
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	6.34	610000	1312585	5.05	107.2	1.08	8414	True	1.15
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	6.34	650600	3422752	12.34	104.9	1.06	16269	True	1.14
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	6.34	597600	6765018	26.54	112.8	1.14	18343	True	1.29
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	6.34	590500	15870136	63.01	107.1	1.08	27047	True	1.26

Analyte Name: PFPeS
Regression Equation: y = 1.011 x (std. dev. = 0.039) (weighting: None)
Calibration Fit: RSD = 9.03 RSE = 9.03
Average RF:1.011 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

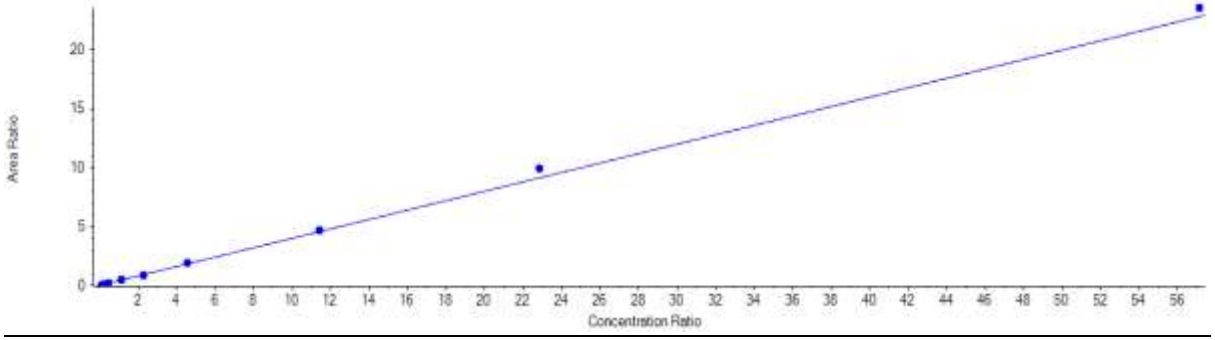
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFHxS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	7.62	705600	25007	0.09	97.1	0.92	32741	True	0.17
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	7.61	681100	50270	0.19	101.2	0.96	9073	True	1.24
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	7.61	639900	110263	0.43	94.5	0.89	9640	True	0.17
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	7.62	661300	286954	1.09	95.2	0.90	27806	True	1.04
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	7.62	688800	599989	2.18	95.5	0.90	40481	True	0.16
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	7.62	610000	1147248	4.71	103.1	0.98	42905	True	1.02
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	7.61	650600	3015740	11.61	101.7	0.96	20017	True	1.16
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	7.62	597600	5917905	24.81	108.6	1.03	40237	True	1.16
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	7.62	590500	13905841	59.00	103.3	0.98	848848	True	0.15

Analyte Name: PFHxS
Regression Equation: y = 0.946 x (std. dev. = 0.019) (weighting: None)
Calibration Fit: RSD = 4.75 RSE = 4.75
Average RF:0.946 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

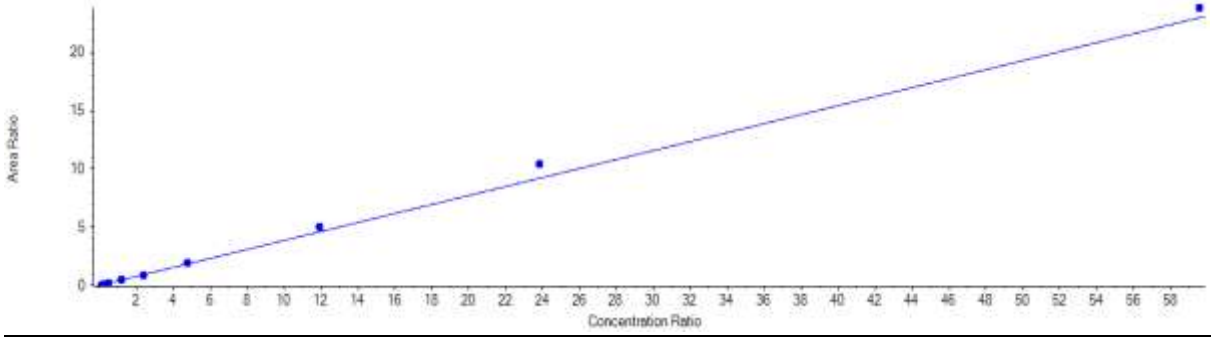
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFHpS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.02	732200	22616	0.08	84.0	0.78	3220	True	1.25
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.01	723500	48727	0.18	91.6	0.85	4477	True	0.81
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.01	677200	122492	0.47	98.4	0.91	2653	True	1.51
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.02	681900	306646	1.17	97.9	0.90	60036	True	1.46
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.02	747800	649407	2.25	94.5	0.87	1174053	True	1.35
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.02	667800	1320608	5.13	107.6	0.99	23379142	True	1.02
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.01	666100	3346971	13.02	109.3	1.01	17356	True	1.18
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.02	620600	6449656	26.94	113.1	1.05	22541	True	1.00
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.02	614900	14651286	61.77	103.7	0.96	113644652	True	0.95

Analyte Name: PFHpS
Regression Equation: y = 0.924 x (std. dev. = 0.036) (weighting: None)
Calibration Fit: RSD = 9.31 RSE = 9.31
Average RF:0.924 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

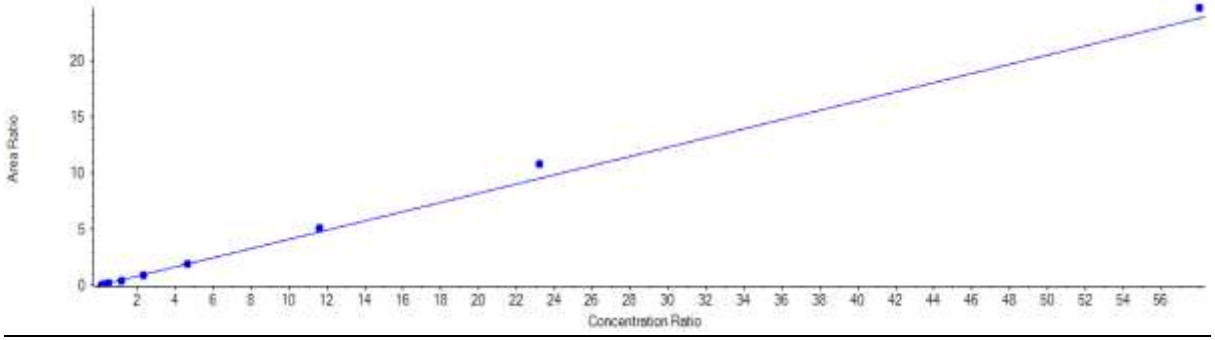
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFOS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.28	732200	25837	0.09	92.6	0.91	180	True	0.75
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.27	723500	52468	0.18	95.1	0.94	461	True	0.23
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.27	677200	128413	0.46	99.5	0.98	1030	True	0.27
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.28	681900	306039	1.09	94.2	0.93	1470	True	0.27
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.28	747800	668069	2.18	93.8	0.92	1870	True	0.27
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.27	667800	1290080	4.70	101.4	1.00	1963	True	0.29
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.27	666100	3372642	12.33	106.3	1.05	3548	True	0.33
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.28	620600	6704354	26.30	113.4	1.12	4128	True	0.30
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.27	614900	15218317	60.26	103.9	1.02	4971	True	0.28

Analyte Name: PFOS
Regression Equation: y = 0.984 x (std. dev. = 0.029) (weighting: None)
Calibration Fit: RSD = 6.95 RSE = 6.95
Average RF:0.984 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

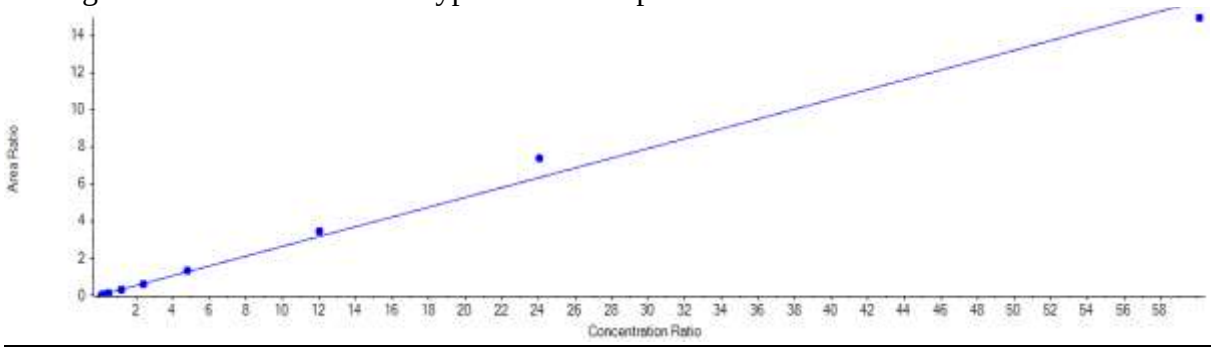
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFNS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.63	732200	15906	0.08	85.6	0.54	347	True	1.10
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.63	723500	34346	0.18	93.6	0.59	7658	True	1.34
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.62	677200	84849	0.48	98.8	0.62	11144	True	1.21
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.63	681900	220414	1.23	101.9	0.64	10074	True	1.32
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.63	747800	452953	2.30	95.5	0.60	13160	True	1.36
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.63	667800	887318	5.04	104.8	0.66	8484	True	1.45
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.63	666100	2304611	13.12	109.1	0.69	8538	True	1.02
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.63	620600	4586269	28.02	116.5	0.74	18061	True	0.96
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.63	614900	9187351	56.66	94.2	0.60	16737	True	1.14

Analyte Name: PFNS
Regression Equation: y = 0.632 x (std. dev. = 0.024) (weighting: None)
Calibration Fit: RSD = 9.25 RSE = 9.25
Average RF:0.632 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

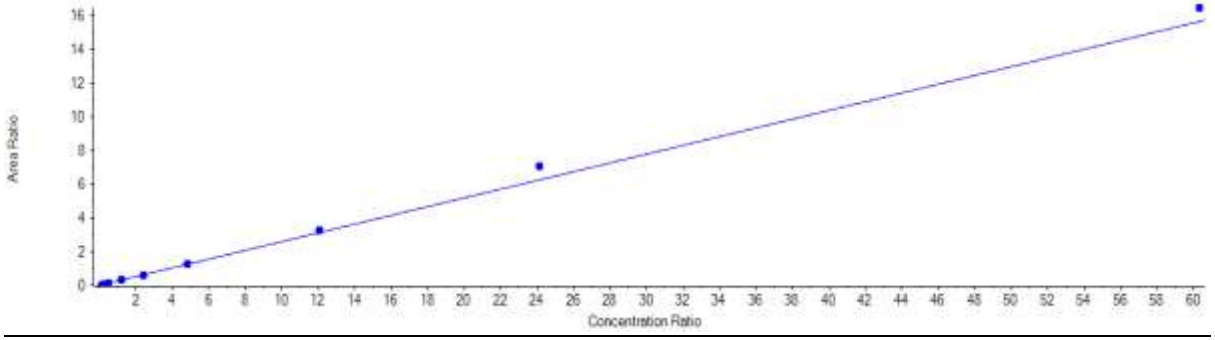
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFDS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	9.15	732200	16034	0.08	87.4	0.54	1465	True	1.21
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	9.15	723500	33457	0.18	92.2	0.57	3522	True	1.19
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	9.14	677200	79503	0.45	93.7	0.58	7344	True	1.33
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	9.15	681900	224077	1.27	104.9	0.65	14605	True	1.19
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	9.15	747800	450279	2.32	96.1	0.60	10431	True	1.22
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	9.15	667800	862876	4.97	103.1	0.64	100447	True	1.11
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	9.14	666100	2184110	12.62	104.6	0.65	33767	True	1.42
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	9.14	620600	4389768	27.23	112.9	0.70	27975	True	1.30
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	9.14	614900	10136479	63.46	105.2	0.66	29238	True	1.23

Analyte Name: PFDS
Regression Equation: y = 0.622 x (std. dev. = 0.021) (weighting: None)
Calibration Fit: RSD = 8.09 RSE = 8.09
Average RF:0.622 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

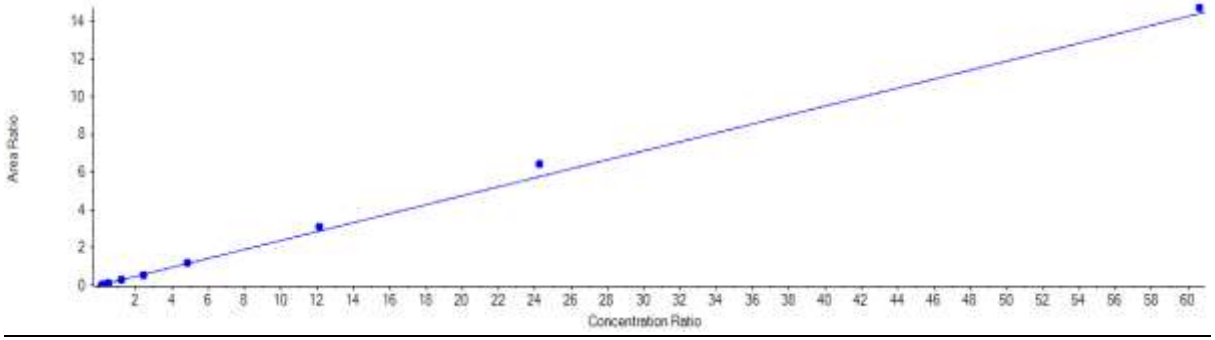
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFDoS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	10.01	732200	14889	0.09	88.1	0.50	28946	True	1.15
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	10.00	723500	31280	0.18	93.7	0.53	3800	True	0.82
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	10.00	677200	76105	0.47	97.4	0.56	6785	True	0.84
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	10.01	681900	199205	1.23	101.3	0.58	130155	True	1.39
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	10.01	747800	418271	2.35	96.9	0.55	22261	True	1.43
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	10.00	667800	781329	4.92	101.4	0.58	184218	True	1.08
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	10.00	666100	2057796	12.98	107.1	0.61	10089	True	0.85
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	10.01	620600	4012335	27.17	112.1	0.64	102420	True	1.15
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	10.00	614900	9057070	61.91	102.1	0.58	18400	True	1.07

Analyte Name: PFDoS
Regression Equation: y = 0.570 x (std. dev. = 0.017) (weighting: None)
Calibration Fit: RSD = 7.08 RSE = 7.08
Average RF:0.570 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

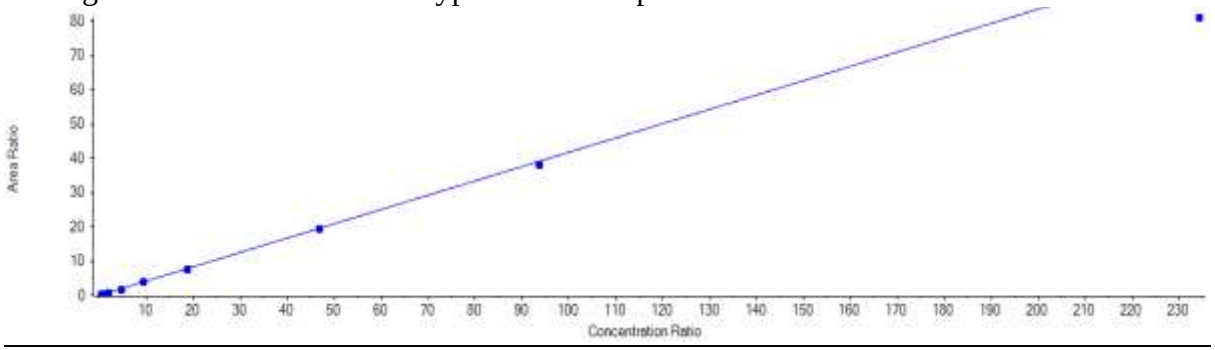
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 4:2FTS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.14	316000	63237	0.48	127.7	2.50	933	True	0.97
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.13	292500	102451	0.84	111.8	2.19	491983	True	1.48
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.14	284100	214011	1.80	96.2	1.88	1806	True	1.57
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.14	293700	502551	4.10	87.4	1.71	29167999	True	1.29
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.14	296100	1152996	9.32	99.4	1.95	4172	True	1.09
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.14	279400	2150596	18.42	98.2	1.93	4758	True	1.53
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.13	271600	5291738	46.63	99.5	1.95	2568647	True	1.45
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.14	270900	10310809	91.08	97.2	1.90	5795546	True	0.96
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.14	285500	23137425	193.97	82.8	1.62	171109961	True	1.04

Analyte Name: 4:2FTS
Regression Equation: y = 1.960 x (std. dev. = 0.055) (weighting: None)
Calibration Fit: RSD = 13.18 RSE = 13.18
Average RF:1.960 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

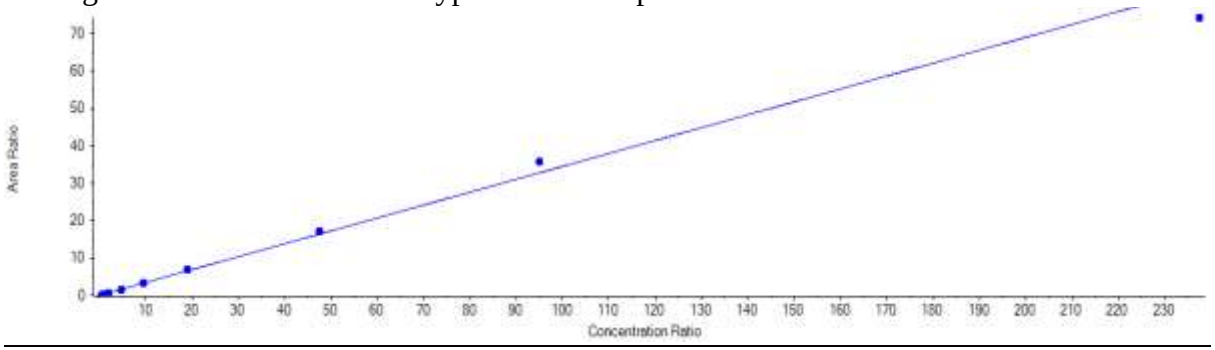
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 6:2FTS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	7.09	238700	29652	0.36	94.8	1.55	5755123	True	1.28
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	7.09	214800	54403	0.73	96.6	1.59	672	True	0.95
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	7.09	212200	134548	1.84	96.7	1.59	2075	True	1.04
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	7.10	208800	344993	4.79	100.8	1.65	3309	True	1.13
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	7.09	217600	731187	9.74	102.5	1.68	47100004	True	1.15
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	7.09	207100	1415815	19.81	104.3	1.71	4100892	True	1.45
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	7.09	208600	3565584	49.53	104.3	1.71	120969116	True	1.38
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	7.09	200500	7191794	103.98	109.5	1.80	4944	True	1.19
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	7.09	218700	16231198	215.16	90.6	1.49	1168487	True	1.39

Analyte Name: 6:2FTS
Regression Equation: y = 1.640 x (std. dev. = 0.020) (weighting: None)
Calibration Fit: RSD = 5.82 RSE = 5.82
Average RF:1.640 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

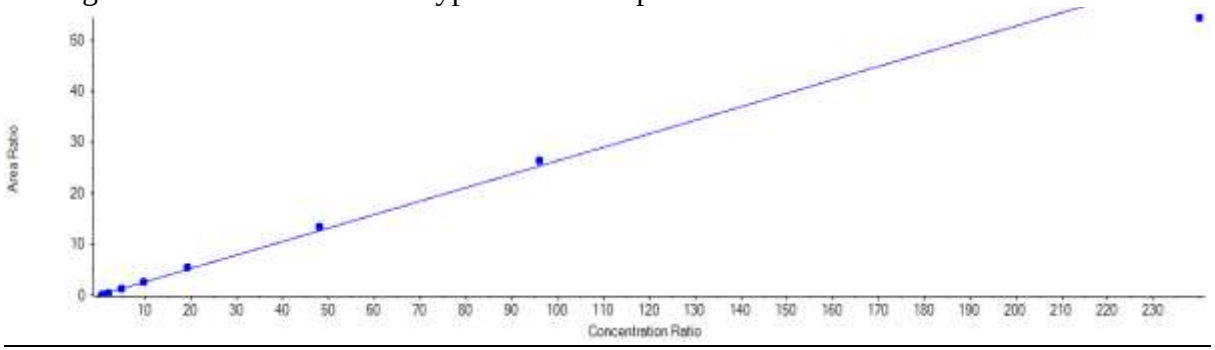
Alpha Analytical Inc.
Dataset: Default
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 8:2FTS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.07	355700	32302	0.34	89.6	1.14	1120	True	1.05
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.07	350100	67583	0.73	95.2	1.21	39273	True	1.57
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.07	314700	160030	1.93	100.3	1.27	370097	True	1.56
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.08	324500	432638	5.05	105.2	1.33	4642	True	1.42
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.07	341500	910884	10.10	105.2	1.33	4008	True	1.30
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.07	309400	1682010	20.59	107.2	1.36	5550	True	1.02
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.07	298200	4038399	51.28	106.8	1.35	5812	True	1.15
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.08	271800	7209364	100.44	104.6	1.33	7027	True	1.03
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.07	278600	15163258	206.09	85.9	1.09	9396	True	1.68

Analyte Name: 8:2FTS
Regression Equation: y = 1.267 x (std. dev. = 0.021) (weighting: None)
Calibration Fit: RSD = 7.96 RSE = 7.96
Average RF:1.267 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

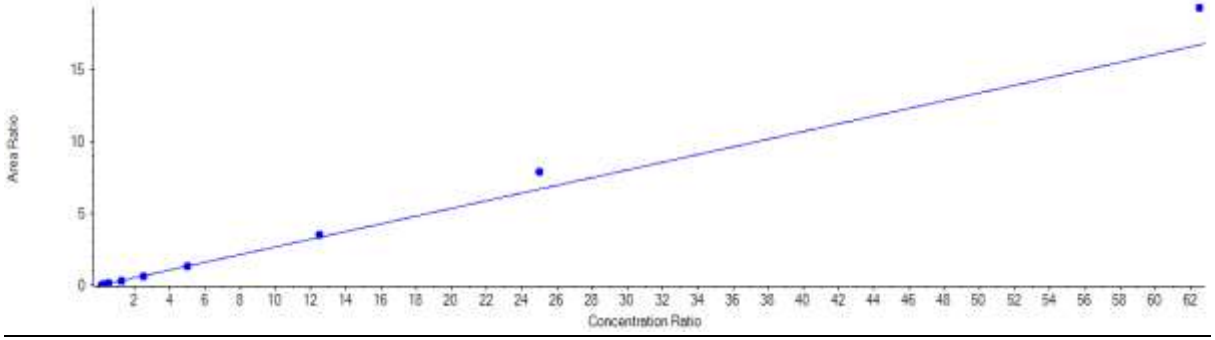
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFOSA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	9.55	1055000	25409	0.09	90.1	0.60	480	True	0.16
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	9.54	1009000	48458	0.18	89.8	0.60	664	True	0.18
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	9.54	992200	119348	0.45	90.0	0.60	872	True	0.17
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	9.55	1001000	319396	1.19	95.5	0.64	22824431	True	0.17
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	9.55	1011000	658264	2.44	97.4	0.65	38374	True	0.18
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	9.55	938700	1244740	4.96	99.2	0.66	2974031	True	0.16
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	9.54	902700	3171379	13.14	105.1	0.70	1226	True	0.17
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	9.55	820100	6437202	29.36	117.4	0.79	86873	True	0.15
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	9.54	780100	15046966	72.14	115.4	0.77	22190	True	0.18

Analyte Name: PFOSA
Regression Equation: y = 0.668 x (std. dev. = 0.028) (weighting: None)
Calibration Fit: RSD = 10.60 RSE = 10.60
Average RF:0.668 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

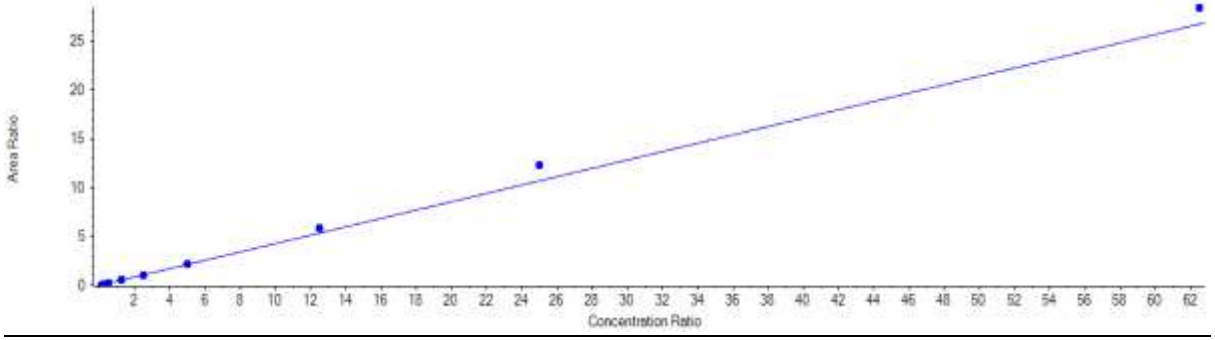
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NMeFOSA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	10.17	174700	5812	0.08	77.7	0.83	598555	True	0.26
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	10.16	155700	13659	0.21	102.4	1.10	233	True	0.29
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	10.16	159200	30885	0.45	90.6	0.97	23430	True	0.31
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	10.17	162800	85925	1.23	98.6	1.06	22807	True	0.28
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	10.17	166900	173879	2.43	97.3	1.04	610172	True	0.28
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	10.17	153200	337828	5.15	103.0	1.10	11133	True	0.24
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	10.17	153000	895612	13.67	109.4	1.17	6479	True	0.31
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	10.17	148600	1828142	28.71	114.9	1.23	4490	True	0.25
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	10.17	155900	4433790	66.40	106.2	1.14	8489	True	0.25

Analyte Name: NMeFOSA
Regression Equation: y = 1.071 x (std. dev. = 0.047) (weighting: None)
Calibration Fit: RSD = 10.94 RSE = 10.94
Average RF:1.071 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

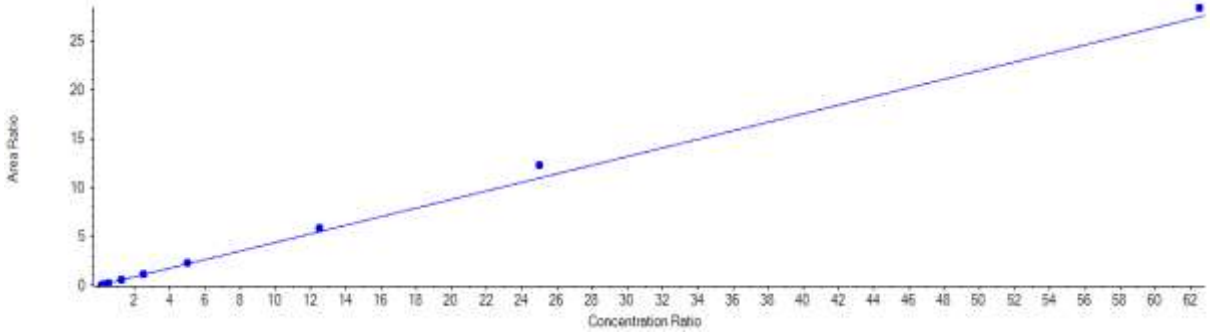
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NEtFOSA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	10.38	167500	6309	0.09	85.7	0.94	8149	True	0.31
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	10.38	167100	12795	0.17	87.2	0.96	74730	True	0.27
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	10.37	153300	31911	0.47	94.8	1.04	227762	True	0.27
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	10.38	158000	90396	1.30	104.2	1.14	39369	True	0.27
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	10.38	160700	181221	2.57	102.7	1.13	6895810	True	0.23
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	10.38	151400	342011	5.14	102.9	1.13	9106041	True	0.25
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	10.38	150300	887257	13.44	107.5	1.18	6668	True	0.23
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	10.38	142000	1739926	27.89	111.6	1.23	203912	True	0.25
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	10.38	149000	4230356	64.65	103.4	1.14	26257	True	0.27

Analyte Name: NEtFOSA
Regression Equation: y = 1.098 x (std. dev. = 0.039) (weighting: None)
Calibration Fit: RSD = 8.88 RSE = 8.88
Average RF:1.098 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

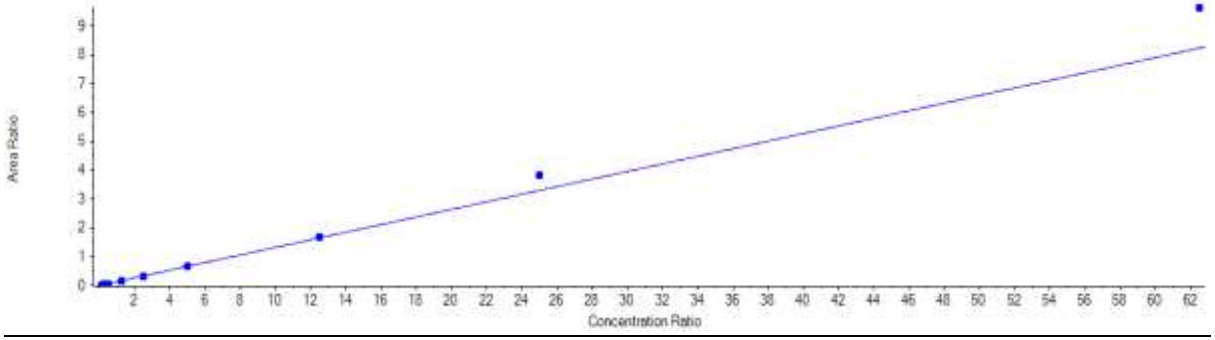
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NMeFOSAA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.22	873200	10089	0.09	87.8	0.58	29422	True	0.89
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.22	828200	19476	0.18	89.4	0.59	335	True	1.27
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.22	649400	36814	0.43	86.2	0.57	811	True	1.48
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.23	839100	138283	1.25	100.2	0.66	1949	True	1.44
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.23	700000	231441	2.51	100.5	0.66	1249	True	1.42
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.23	693300	460043	5.04	100.9	0.66	2090	True	1.03
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.22	693500	1169398	12.81	102.5	0.67	1742	True	1.19
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.23	679700	2587090	28.92	115.7	0.76	1459	True	1.00
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.23	532600	5124216	73.11	117.0	0.77	1402	True	0.93

Analyte Name: NMeFOSAA
Regression Equation: y = 0.658 x (std. dev. = 0.015) (weighting: None)
Calibration Fit: RSD = 11.16 RSE = 11.16
Average RF:0.658 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

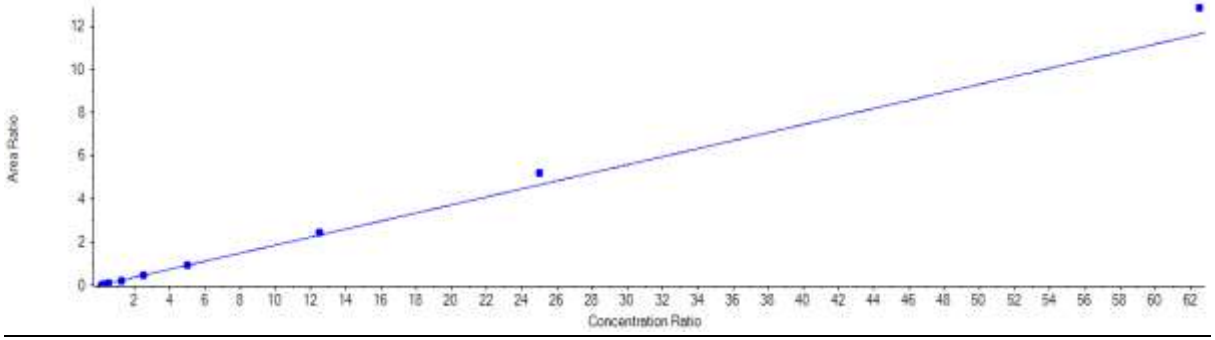
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NEtFOSAA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.36	401500	6220	0.08	83.1	0.77	349	True	1.29
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.37	384200	14442	0.20	100.8	0.94	328	True	1.00
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.36	377500	35871	0.51	101.9	0.95	455	True	0.51
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.37	387000	84369	1.17	93.5	0.87	622	True	0.47
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.37	404700	180301	2.39	95.6	0.89	564	True	0.50
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.37	385700	356003	4.95	99.0	0.92	889	True	0.43
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.36	368700	895167	13.02	104.2	0.97	781	True	0.48
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.37	359800	1868827	27.86	111.4	1.04	1062	True	1.13
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.37	340800	4386182	69.03	110.4	1.03	911	True	1.58

Analyte Name: NEtFOSAA
Regression Equation: y = 0.932 x (std. dev. = 0.016) (weighting: None)
Calibration Fit: RSD = 8.73 RSE = 8.73
Average RF:0.932 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

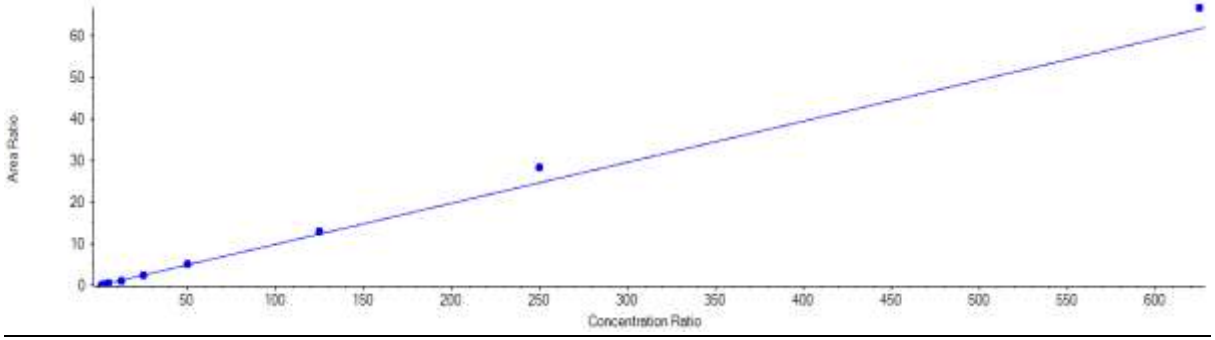
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NMeFOSE

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	10.08	1247000	109398	0.89	88.9	2.19	1787	True	0.26
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	10.08	1181000	220343	1.89	94.5	2.33	1918	True	0.31
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	10.08	1164000	543241	4.73	94.6	2.33	4149	True	0.32
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	10.08	1228000	1480904	12.22	97.8	2.41	3172	True	0.30
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	10.08	1289000	2982647	23.45	93.8	2.31	13701	True	0.30
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	10.08	1204000	6081925	51.19	102.4	2.53	17397	True	0.25
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	10.08	1269000	16436198	131.22	105.0	2.59	6722	True	0.32
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	10.08	1205000	34160374	287.20	114.9	2.83	10771	True	0.25
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	10.08	1259000	84038487	676.35	108.2	2.67	9664	True	0.25

Analyte Name: NMeFOSE
Regression Equation: y = 2.467 x (std. dev. = 0.008) (weighting: None)
Calibration Fit: RSD = 8.26 RSE = 8.26
Average RF:2.467 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

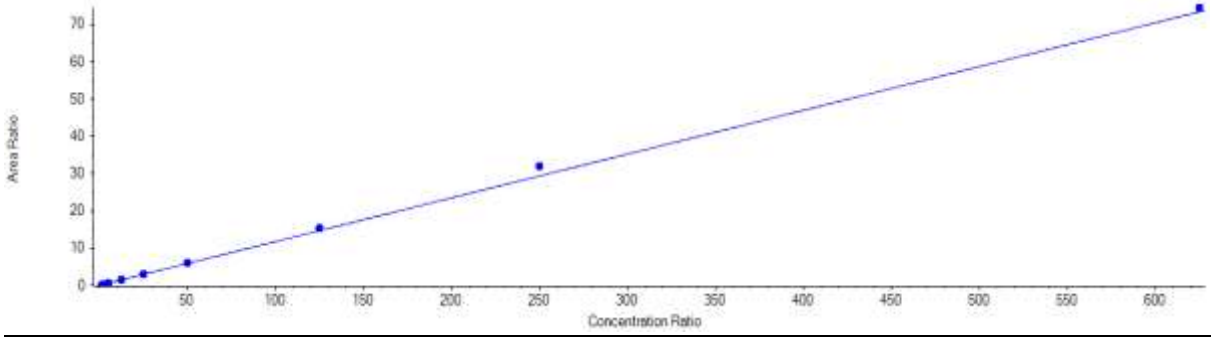
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NEtFOSE

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	10.28	1961000	200381	0.87	87.1	2.56	1226	True	0.29
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	10.28	1862000	414400	1.90	94.8	2.78	1083	True	0.25
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	10.27	1797000	1009032	4.78	95.6	2.81	2095	True	0.25
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	10.28	1877000	2767938	12.56	100.5	2.95	2771	True	0.24
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	10.28	1859000	5649756	25.89	103.6	3.04	3392	True	0.26
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	10.28	1796000	10881697	51.62	103.3	3.03	4693	True	0.28
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	10.28	1794000	27604824	131.07	104.9	3.08	4266	True	0.28
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	10.28	1689000	53947112	272.13	108.9	3.19	4972	True	0.30
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	10.28	1668000	124215059	634.26	101.5	2.98	5049	True	0.23

Analyte Name: NEtFOSE
Regression Equation: y = 2.935 x (std. dev. = 0.008) (weighting: None)
Calibration Fit: RSD = 6.53 RSE = 6.53
Average RF:2.935 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

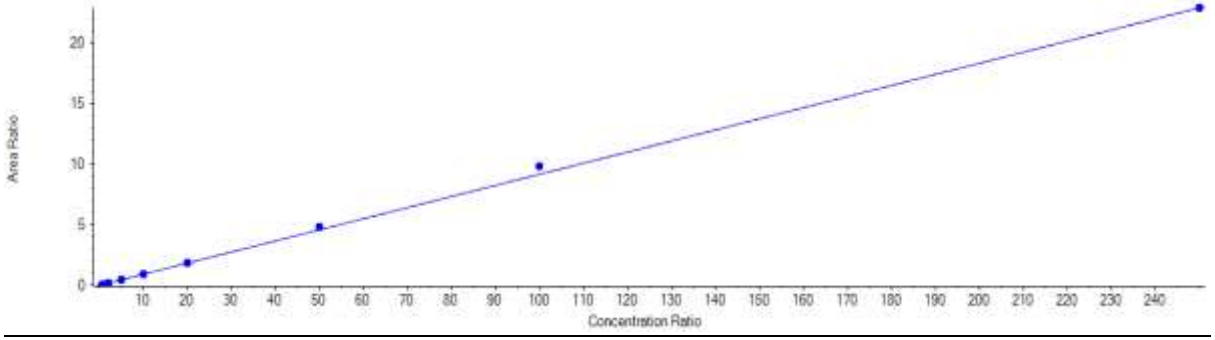
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: HFPO-DA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.61	2886000	92315	0.35	87.2	0.80	20279	True	1.21
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.60	2757000	196682	0.78	97.3	0.89	2485	True	1.08
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.60	2653000	500246	2.06	102.8	0.94	7412	True	1.25
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.60	2847000	1288956	4.94	98.8	0.91	62161	True	1.35
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.60	3027000	2739320	9.87	98.7	0.91	18258	True	1.14
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.60	2725000	5113517	20.47	102.3	0.94	27944	True	1.20
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.60	2718000	13116686	52.65	105.3	0.97	25693	True	1.20
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.60	2507000	24712719	107.52	107.5	0.99	38611	True	1.08
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.60	2454000	56235106	249.99	100.0	0.92	44180	True	1.21

Analyte Name: HFPO-DA
Regression Equation: y = 0.917 x (std. dev. = 0.005) (weighting: None)
Calibration Fit: RSD = 5.83 RSE = 5.83
Average RF:0.917 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

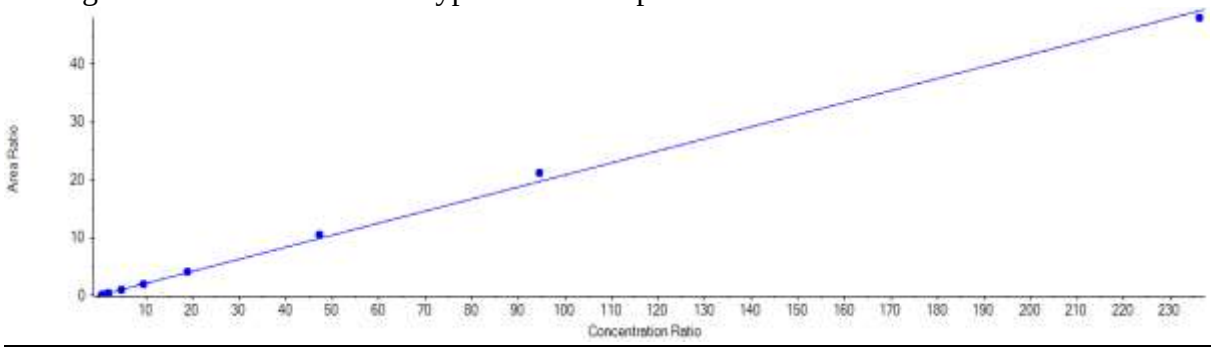
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Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: ADONA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	6.72	2886000	201429	0.34	88.6	1.85	25325	True	1.16
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	6.72	2757000	425384	0.74	97.9	2.04	44579	True	1.11
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	6.72	2653000	1036431	1.87	99.1	2.07	341420	True	1.01
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	6.72	2847000	2822750	4.76	100.7	2.10	15753	True	1.32
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	6.72	3027000	5872996	9.31	98.5	2.05	15728	True	1.09
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	6.72	2725000	11102447	19.54	103.4	2.16	13709	True	1.07
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	6.71	2718000	28514834	50.33	106.5	2.22	30974	True	1.30
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	6.72	2507000	53256061	101.89	107.8	2.25	25828	True	1.05
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	6.72	2454000	117900625	230.46	97.6	2.03	28418	True	1.36

Analyte Name: ADONA
Regression Equation: y = 2.085 x (std. dev. = 0.012) (weighting: None)
Calibration Fit: RSD = 5.70 RSE = 5.70
Average RF:2.085 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

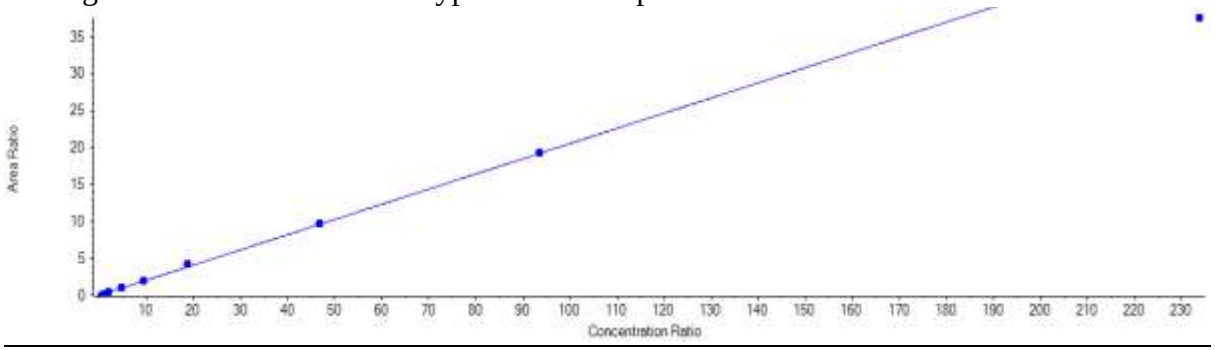
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 9Cl-PF3ONS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.50	2886000	195597	0.33	88.2	1.81	856461	True	0.86
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.50	2757000	444386	0.78	104.8	2.16	1583171	True	1.10
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.49	2653000	1064499	1.95	104.4	2.15	2862685	True	1.03
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.50	2847000	2946988	5.04	107.7	2.21	88586	True	1.05
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.50	3027000	6066657	9.75	104.3	2.14	6318	True	1.08
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.50	2725000	11512976	20.55	109.9	2.26	1142992	True	1.17
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.50	2718000	26617233	47.64	101.9	2.10	80345	True	1.37
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.50	2507000	48493859	94.09	100.6	2.07	96371	True	1.29
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	8.50	2454000	92226023	182.83	78.2	1.61	119953	True	1.15

Analyte Name: 9Cl-PF3ONS
Regression Equation: y = 2.056 x (std. dev. = 0.021) (weighting: None)
Calibration Fit: RSD = 10.23 RSE = 10.23
Average RF:2.056 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

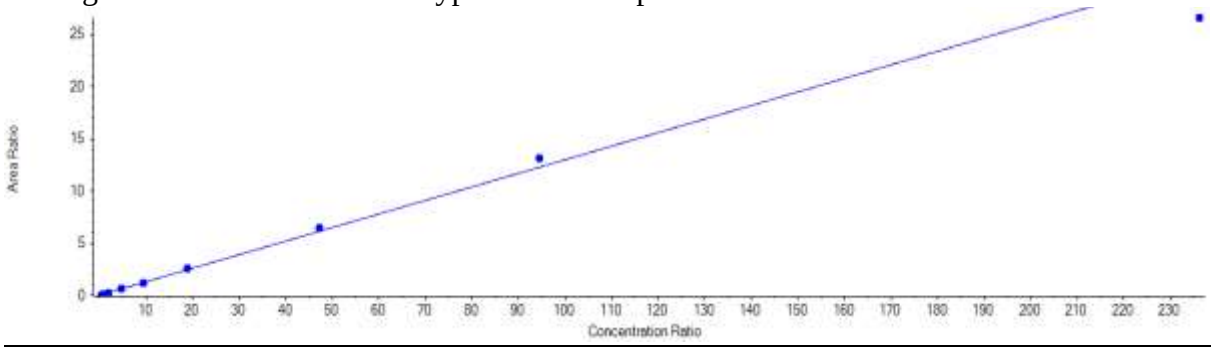
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 11Cl-PF3OUdS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	9.57	2886000	136607	0.37	96.4	1.25	1958	True	1.05
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	9.57	2757000	265657	0.74	98.2	1.27	3313	True	0.91
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	9.57	2653000	665847	1.93	102.3	1.33	3193	True	1.11
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	9.58	2847000	1734547	4.69	99.3	1.29	4468	True	1.28
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	9.58	3027000	3680248	9.37	99.1	1.29	549080	True	1.32
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	9.57	2725000	7082207	20.01	105.9	1.38	186177	True	0.98
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	9.57	2718000	17563776	49.77	105.3	1.37	1838742	True	1.10
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	9.57	2507000	32877183	100.99	106.9	1.39	101214	True	1.38
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	9.57	2454000	65219566	204.69	86.6	1.13	53514	True	1.33

Analyte Name: 11Cl-PF3OUdS
Regression Equation: y = 1.298 x (std. dev. = 0.008) (weighting: None)
Calibration Fit: RSD = 6.24 RSE = 6.24
Average RF:1.298 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

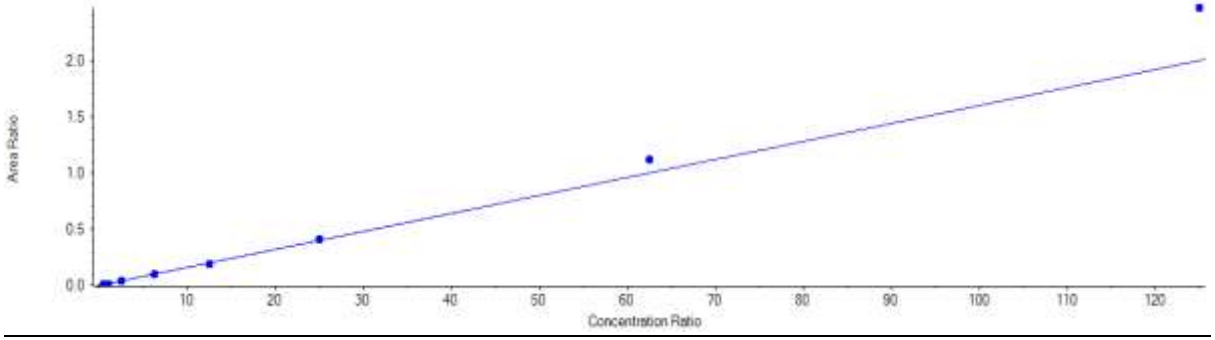
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Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 3:3FTCA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	4.91	1742000	11661	0.42	83.7	0.07	549	True	1.14
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	4.91	1675000	23352	0.87	87.2	0.07	6376312	True	1.13
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	4.91	1617000	61750	2.39	95.5	0.08	652224	True	1.33
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	4.92	1673000	162277	6.06	97.0	0.08	2725	True	1.14
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	4.92	1701000	330654	12.15	97.2	0.08	1464	True	1.68
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	4.91	1593000	659551	25.88	103.5	0.08	4667	True	1.23
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	4.91	1536000	1725859	70.27	112.4	0.09	551294	True	1.22
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	4.91	1347000	3325237	154.34	123.5	0.10	480675	True	1.55
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	N/A	1241000	N/A	N/A	N/A	N/A	N/A	False	N/A

Analyte Name: 3:3FTCA
Regression Equation: y = 0.080 x (std. dev. = 0.002) (weighting: None)
Calibration Fit: RSD = 13.02 RSE = 13.02
Average RF:0.080 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

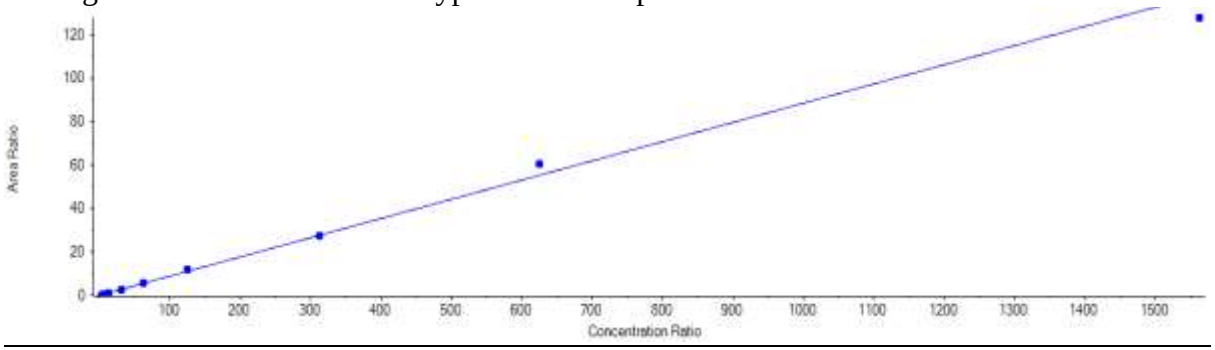
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 5:3FTCA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	7.16	1043000	225324	2.44	97.8	0.22	7438	True	1.27
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	7.16	1082000	457091	4.78	95.6	0.21	4516	True	1.28
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	7.16	1035000	1109466	12.13	97.0	0.21	17454	True	1.13
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	7.17	1088000	2908807	30.24	96.8	0.21	26902	True	1.53
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	7.16	1067000	6221772	65.95	105.5	0.23	21075	True	1.27
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	7.16	995300	11672941	132.65	106.1	0.24	30755	True	1.19
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	7.16	1062000	29042126	309.44	99.0	0.22	26557	True	1.18
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	7.16	952600	57800169	686.27	109.8	0.24	27228	True	1.32
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	7.16	942500	120353707	1444.28	92.4	0.20	34647	True	1.20

Analyte Name: 5:3FTCA
Regression Equation: y = 0.221 x (std. dev. = 0.005) (weighting: None)
Calibration Fit: RSD = 5.77 RSE = 5.77
Average RF:0.221 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

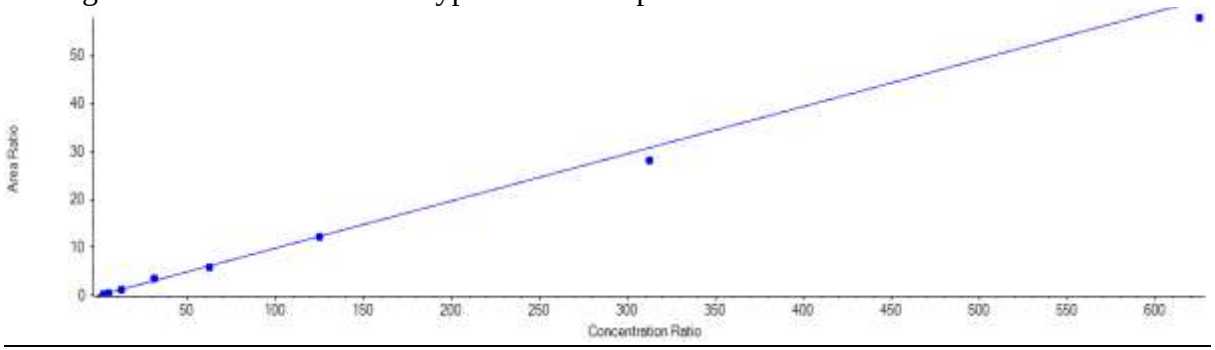
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 7:3FTCA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	8.21	1043000	272814	2.66	106.3	0.26	816972	True	1.42
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	8.21	1082000	583552	5.48	109.6	0.27	883473	True	1.02
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	8.21	1035000	1148521	11.28	90.2	0.22	1064938	True	1.11
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	8.22	1088000	3798713	35.47	113.5	0.28	3323	True	1.07
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	8.21	1067000	6248141	59.49	95.2	0.23	522134	True	1.03
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	8.21	995300	12166666	124.20	99.4	0.24	14783	True	1.27
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	8.21	1062000	29960681	286.75	91.8	0.23	24002	True	1.50
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	8.21	952600	55121038	587.88	94.1	0.23	38567	True	1.31
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	N/A	942500	N/A	N/A	N/A	N/A	N/A	False	N/A

Analyte Name: 7:3FTCA
Regression Equation: y = 0.246 x (std. dev. = 0.009) (weighting: None)
Calibration Fit: RSD = 8.76 RSE = 8.76
Average RF:0.246 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

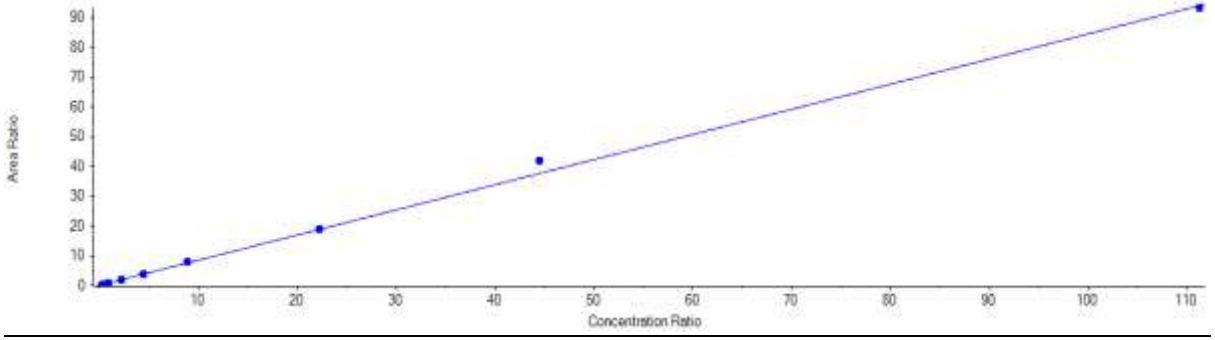
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFEESA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.71	1043000	150155	0.17	95.7	2.02	3071	True	1.18
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.71	1082000	304483	0.33	93.5	1.98	5410	True	1.33
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.71	1035000	748553	0.86	96.1	2.03	5953	True	1.19
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.71	1088000	1967602	2.14	96.1	2.03	12486	True	1.24
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.71	1067000	4052494	4.49	100.9	2.13	13782	True	1.49
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.71	995300	7928840	9.42	105.9	2.24	17439	True	1.40
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.71	1062000	20195715	22.50	101.1	2.14	34835	True	1.42
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.71	952600	39950589	49.60	111.5	2.36	44053	True	1.37
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.71	942500	87964966	110.38	99.2	2.10	58046	True	1.19

Analyte Name: PFEESA
Regression Equation: y = 2.114 x (std. dev. = 0.048) (weighting: None)
Calibration Fit: RSD = 5.70 RSE = 5.70
Average RF:2.114 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

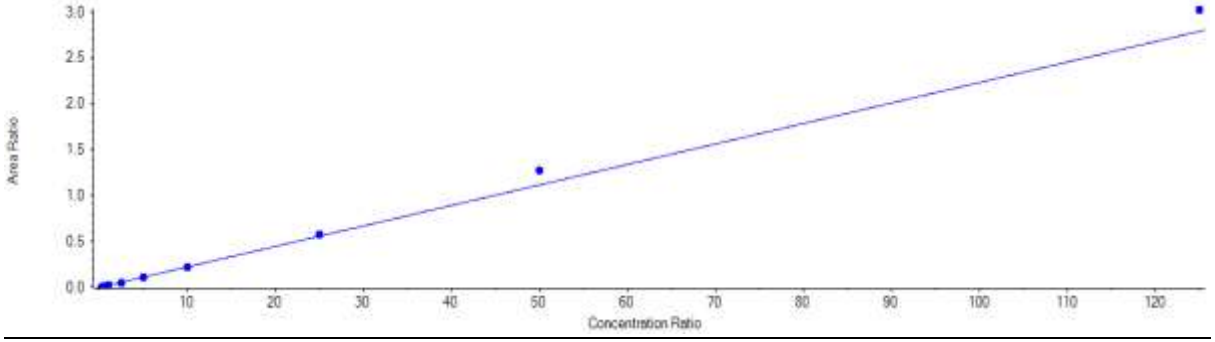
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFMPA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	3.85	1742000	7169	0.18	92.2	0.10	497	True	1.15
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	3.85	1675000	14165	0.38	94.7	0.11	787	True	1.16
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	3.85	1617000	33877	0.94	93.9	0.11	1334	True	1.35
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	3.86	1673000	90755	2.43	97.2	0.11	2435	True	1.13
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	3.85	1701000	186580	4.91	98.3	0.11	3255	True	0.99
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	3.85	1593000	351979	9.90	99.0	0.11	4883	True	1.28
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	3.84	1536000	875313	25.54	102.2	0.11	6361	True	1.20
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	3.85	1347000	1717029	57.11	114.2	0.13	10711	True	1.12
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	3.86	1241000	3753262	135.50	108.4	0.12	12755	True	1.08

Analyte Name: PFMPA
Regression Equation: y = 0.112 x (std. dev. = 0.002) (weighting: None)
Calibration Fit: RSD = 7.21 RSE = 7.21
Average RF:0.112 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

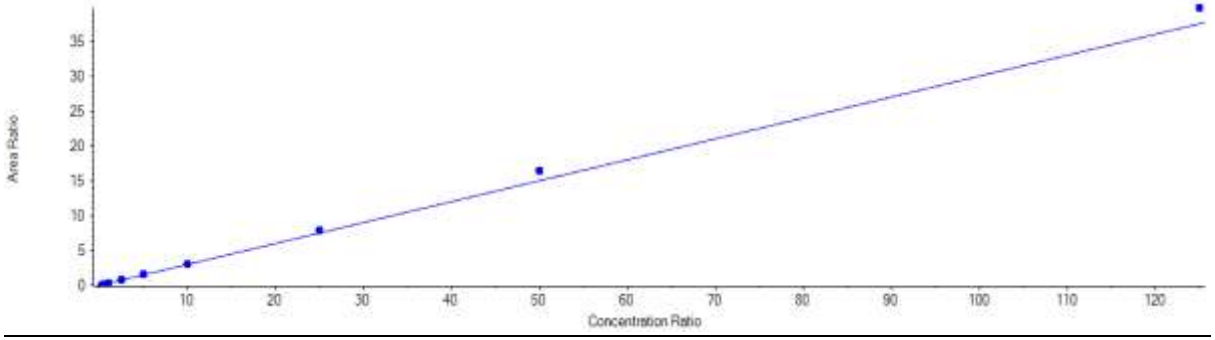
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: PFMBA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	4.88	1742000	93621	0.18	89.3	1.34	1504	True	1.37
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	4.87	1675000	191221	0.38	94.8	1.43	1959	True	1.25
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	4.87	1617000	470133	0.97	96.6	1.45	2484	True	1.36
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	4.88	1673000	1223138	2.43	97.2	1.46	13679	True	1.14
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	4.88	1701000	2617337	5.11	102.2	1.54	9691	True	0.97
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	4.88	1593000	4778782	9.97	99.7	1.50	12087	True	1.31
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	4.87	1536000	12117026	26.22	104.9	1.58	17509	True	1.33
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	4.88	1347000	22136596	54.61	109.2	1.64	18616	True	0.93
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	4.88	1241000	49534492	132.63	106.1	1.60	27796	True	1.04

Analyte Name: PFMBA
Regression Equation: y = 1.505 x (std. dev. = 0.019) (weighting: None)
Calibration Fit: RSD = 6.25 RSE = 6.25
Average RF:1.505 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

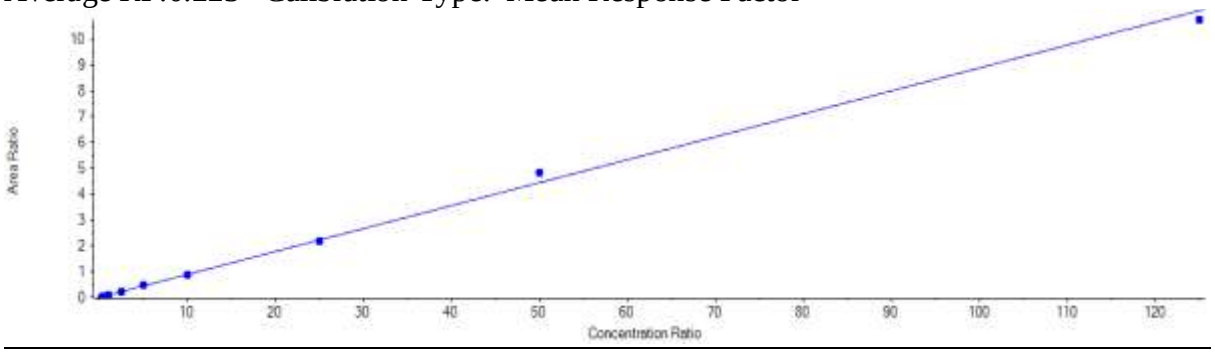
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Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: NFDHA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.26	1043000	19368	0.21	104.3	0.23	1279	True	1.04
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.26	1082000	37544	0.39	97.4	0.22	1999	True	0.95
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.25	1035000	88598	0.96	96.2	0.21	3362	True	0.88
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.26	1088000	227164	2.35	93.8	0.21	5793	True	1.43
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.26	1067000	496414	5.23	104.5	0.23	3450	True	1.24
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.26	995300	880207	9.94	99.4	0.22	5007	True	0.98
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.25	1062000	2327402	24.63	98.5	0.22	5012	True	1.42
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.25	952600	4623243	54.52	109.0	0.24	6055	True	1.09
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.26	942500	10150512	120.98	96.8	0.22	9101	True	1.20

Analyte Name: NFDHA
Regression Equation: y = 0.223 x (std. dev. = 0.004) (weighting: None)
Calibration Fit: RSD = 4.91 RSE = 4.91
Average RF:0.223 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

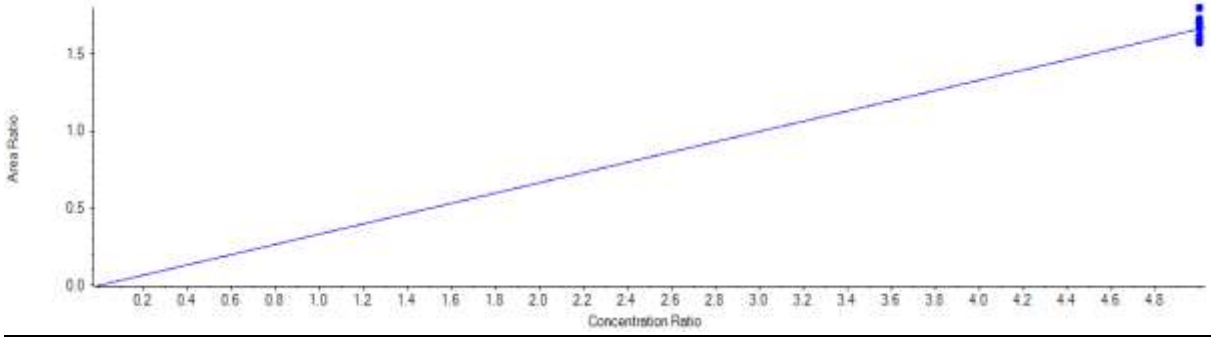
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 13C2D4-4:2FTS

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	5.13	547400	984958	5.41	108.3	0.85	38881	True	1.42
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	5.12	547700	946281	5.20	103.9	0.82	20779	True	1.22
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	5.12	546900	866893	4.77	95.4	0.75	2402	True	1.32
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	5.13	586500	924127	4.74	94.8	0.75	178277	True	1.11
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	5.13	571000	972080	5.12	102.4	0.81	13709	True	0.99
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	5.13	551900	919882	5.01	100.3	0.79	5794	True	1.29
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	5.12	570800	967104	5.10	101.9	0.80	1842	True	1.18
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	5.13	550300	889831	4.86	97.3	0.77	10886	True	1.48
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	5.13	524700	835350	4.79	95.8	0.76	7630	True	1.57

Analyte Name: 13C2D4-4:2FTS
Regression Equation: y = 0.788 x (std. dev. = 0.015) (weighting: None)
Calibration Fit: RSD = 4.57 RSE = 0.00
Average RF:0.788 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

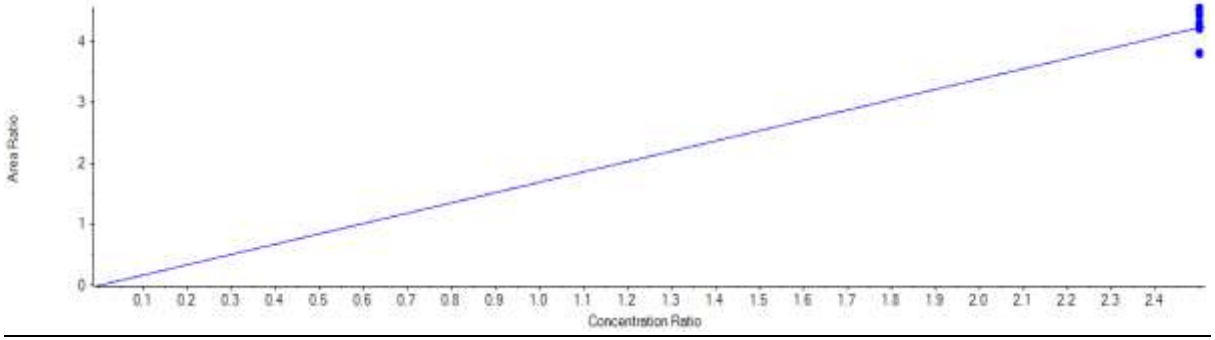
Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

Acquisition Method	EPA_1633.dam
Processing Method	EPA1633_NIS_CALC.qmethod
Calibration	240813_1633_ICAL

Compound Name: 13C2-PFOA

Sample File	Sample ID	Acquisition Date and Time	RT	IS Peak Area	Peak Area	Calc. Conc. (ng/ml)	Percent Recovery	RRF	Signal to Noise	Used	b/a
SCI05_240813_71.wiff	IA1633STD-.1	8/13/2024 9:50:25 PM	7.50	753400	3409390	2.67	106.9	4.53	687912	True	1.21
SCI05_240813_72.wiff	IA1633STD-.2	8/13/2024 10:03:10 PM	7.49	761500	3366661	2.61	104.5	4.42	108677677	True	1.26
SCI05_240813_73.wiff	IA1633STD-.5	8/13/2024 10:15:52 PM	7.49	762900	3205026	2.48	99.3	4.20	11159	True	1.36
SCI05_240813_74.wiff	IA1633STD-1.25	8/13/2024 10:28:38 PM	7.50	783100	3340729	2.52	100.8	4.27	92469373	True	1.09
SCI05_240813_75.wiff	IA1633STD-2.5	8/13/2024 10:41:23 PM	7.50	764800	3484143	2.69	107.7	4.56	12952	True	1.22
SCI05_240813_76.wiff	IA1633STD-5	8/13/2024 10:54:05 PM	7.50	771600	3324516	2.55	101.8	4.31	6630373	True	1.11
SCI05_240813_77.wiff	IA1633STD-12.5	8/13/2024 11:06:47 PM	7.50	810200	3402324	2.48	99.2	4.20	7632	True	1.20
SCI05_240813_78.wiff	IA1633STD-25	8/13/2024 11:19:32 PM	7.50	834400	3163005	2.24	89.6	3.79	9612	True	1.21
SCI05_240813_79.wiff	IA1633STD-62.5	8/13/2024 11:32:17 PM	7.50	801800	3061091	2.26	90.2	3.82	5355	True	1.44

Analyte Name: 13C2-PFOA
Regression Equation: y = 4.232 x (std. dev. = 0.110) (weighting: None)
Calibration Fit: RSD = 6.48 RSE = 0.00
Average RF:4.232 Calibration Type: Mean Response Factor



Initial Calibration Report

SCIEX OS Version 3.3.0.12027

Alpha Analytical Inc.
Dataset: Default
Last Altered: 8/14/2024 9:34:22 AM
Generated: 8/14/2024 6:27:11 AM

WG	1958909													
Date	8/13/2024													
EIS	**IA1633STD-.1**	**IA1633STD-.2**	**IA1633STD-.5**	**IA1633STD-1.25**	**IA1633STD-2.5**	**IA1633STD-5**	**IA1633STD-12.5**	**IA1633STD-25**	**IA1633STD-62.5**	**AVG RF**	**RSD Calc**		**AVG RF**	**RSD**
13C4-PFBA	1.257	1.193	1.161	1.126	1.199	1.103	1.102	1.050	1.094	1.143	5.7%		1.143	5.669
13C5-PFPeA	0.739	0.695	0.632	0.649	0.691	0.634	0.612	0.541	0.574	0.641	9.6%		0.641	9.634
13C5-PFHxA	0.885	0.898	0.809	0.845	0.867	0.793	0.846	0.766	0.872	0.842	5.3%		0.842	5.289
13C4-PFHpA	0.934	0.882	0.806	0.817	0.895	0.805	0.819	0.762	0.871	0.843	6.5%		0.843	6.476
13C8-PFOA	2.164	2.046	1.908	2.010	2.112	1.897	1.824	1.596	1.639	1.911	10.4%		1.911	10.36
13C9-PFNA	1.093	1.104	1.023	1.041	1.048	1.041	0.998	0.934	0.955	1.026	5.5%		1.026	5.537
13C6-PFDA	1.203	1.114	1.090	1.076	1.082	1.050	1.006	0.982	0.977	1.064	6.7%		1.064	6.718
13C7-PFUnA	1.065	0.899	0.856	0.853	0.888	0.879	0.802	0.759	0.751	0.861	10.9%		0.861	10.876
13C2-PFDoA	0.584	0.541	0.540	0.522	0.544	0.539	0.545	0.572	0.652	0.560	7.0%		0.560	7.008
13C2-PFTeDA	0.610	0.616	0.585	0.582	0.595	0.577	0.604	0.595	0.705	0.608	6.4%		0.608	6.387
13C3-PFBS	1.591	1.509	1.512	1.407	1.520	1.493	1.392	1.430	1.356	1.468	5.1%		1.468	5.147
13C3-PFHxS	1.289	1.244	1.170	1.128	1.206	1.105	1.140	1.086	1.126	1.166	5.8%		1.166	5.81
13C8-PFOS	1.534	1.440	1.407	1.304	1.472	1.284	1.264	1.189	1.289	1.354	8.4%		1.354	8.401
13C2-4:2FTS	0.292	0.270	0.262	0.253	0.262	0.256	0.240	0.249	0.275	0.262	5.9%		0.262	5.833
13C2-6:2FTS	0.217	0.195	0.193	0.177	0.190	0.187	0.182	0.182	0.208	0.192	6.7%		0.192	6.74
13C2-8:2FTS	0.321	0.316	0.284	0.273	0.295	0.277	0.258	0.244	0.262	0.281	9.2%		0.281	9.193
13C8-PFOSA	2.117	1.924	1.975	1.833	1.906	1.729	1.641	1.505	1.567	1.800	11.3%		1.800	11.303
d3-NMeFOSA	0.350	0.297	0.317	0.298	0.315	0.282	0.278	0.273	0.313	0.303	8.0%		0.303	8.024
d5-NEtFOSA	0.336	0.319	0.305	0.289	0.303	0.279	0.273	0.261	0.299	0.296	7.9%		0.296	7.902
d3-NMeFOSAA	0.876	0.790	0.646	0.769	0.660	0.639	0.630	0.624	0.535	0.685	15.3%		0.685	15.311
d5-NEtFOSAA	0.403	0.366	0.376	0.355	0.381	0.355	0.335	0.330	0.342	0.360	6.6%		0.360	6.559
d7-NMeFOSE	0.250	0.225	0.232	0.225	0.243	0.222	0.231	0.221	0.253	0.234	5.2%		0.234	5.211
d9-NEtFOSE	0.393	0.355	0.358	0.344	0.351	0.331	0.326	0.310	0.335	0.345	6.9%		0.345	6.906
13C3-HFPO-DA	0.612	0.572	0.519	0.552	0.615	0.543	0.542	0.504	0.568	0.559	6.8%		0.558	6.78
NIS	**IA1633STD-.1**	**IA1633STD-.2**	**IA1633STD-.5**	**IA1633STD-1.25**	**IA1633STD-2.5**	**IA1633STD-5**	**IA1633STD-12.5**	**IA1633STD-25**	**IA1633STD-62.5**	**AVG RF**	**RSD Calc**		**AVG RF**	**RSD**
13C3-PFBA	1.008	1.016	1.015	1.073	1.046	1.039	0.999	0.958	0.846	1.000	6.6%		1	6.628
13C2-PFHxA	0.963	0.984	1.044	1.053	1.006	1.026	1.025	1.017	0.883	1.000	5.2%		1	5.208
13C4-PFOA	0.963	0.973	0.975	1.001	0.977	0.986	1.035	1.066	1.024	1.000	3.5%		1	3.481
13C5-PFNA	1.003	1.003	1.011	1.046	1.002	1.001	1.045	0.972	0.916	1.000	3.9%		1	3.904
13C2-PFDA	0.981	1.044	1.016	1.053	1.046	1.035	1.018	0.955	0.852	1.000	6.4%		1	6.402
18O2-PFHxS	0.986	0.986	0.985	1.056	1.028	0.994	1.028	0.991	0.945	1.000	3.3%		1	3.262
13C4-PFOS	0.947	0.996	0.955	1.037	1.008	1.031	1.045	1.035	0.946	1.000	4.1%		1	4.112

State Parameter Editor

```
Ion Source:                 Turbo Spray
Ion Source Temperature Reached
Curtain Gas (CUR):          20.0
IonSpray Voltage (IS):      -4500.0
Temperature (TEM):          0.0
Ion Source Gas 1 (GS1):     10.0
Ion Source Gas 2 (GS2):     0.0

Entrance Potential (EP):            -10.0

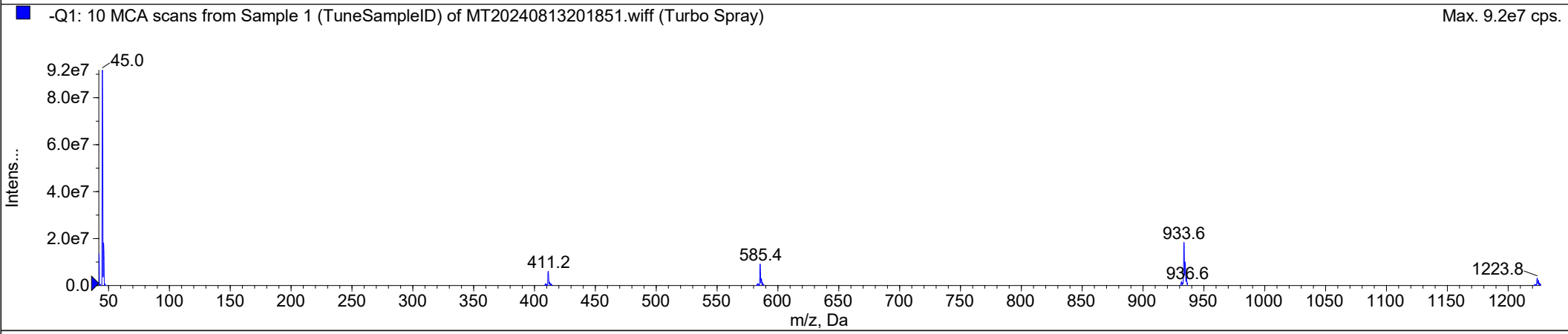
Q1 Resolution:              Unit
Ion Energy 1 (IE1):         -1.5

CEM (CEM):                  2450.0
```

Mass Spectrometer Method Properties

```
Period 1:
---------------
Scans in Period:            10
Relative Start Time:        0.00 msec
Scheduled Ionization:       Off
Experiments in Period:      1

Period 1  Experiment   1:
----------------------------
Scan Type:                  Q1 MS (Q1)
Polarity:                   Negative
Scan Mode:                  Profile
Ion Source:                 Turbo Spray
```



Peak List for " -Q1: 10 MCA scans from Sample 1 (TuneSampleID) of MT20240813201851.wiff (Turbo Spray)"

	Target Mass (Da)	Found At (Da)	Intensity (cps)	Width (Da)	Mass Shift (Da)
1	44.9980	45.0023	9.1729e7	0.6724	-4.3048e-3
2	411.2590	411.2691	5.9850e6	0.7191	-0.0101
3	585.3850	585.3820	9.1098e6	0.6497	2.9902e-3
4	933.6360	933.6465	1.8330e7	0.7431	-0.0105
5	1223.8450	1223.8607	3.1224e6	0.6944	-0.0157
6	1572.0970	n/a	n/a	n/a	n/a
7	1863.3060	n/a	n/a	n/a	n/a
8	1979.3890	n/a	n/a	n/a	n/a

Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: IA1633STD-.1
Name: SCI05_240813_71.wiff
Date & Time: 2024-08-13T21:50:25
Description: WG1958909,,,80ul IA1633STD-1.25
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.90	213.0 / 169.0	76984		0.350	N/A	N/A	N/A	87.6
2	PFPeA	2706-90-3	4.64	263.0 / 219.0	58992		0.184	0.008	0.007	N/A	91.8
3	PFPeA_2	2706-90-3	4.64	263.0 / 68.9	500		0.220	0.008	0.007	N/A	110.1
4	PFHxA	307-24-4	5.34	313.0 / 269.0	53455		0.105	0.075	0.072	Pass	105.2
5	PFHxA_2	307-24-4	5.34	313.0 / 119.0	3983	M7	0.106	0.075	0.072	Pass	106.1
6	PFHpA	375-85-9	6.25	363.1 / 319.0	47414		0.092	0.312	0.297	Pass	92.0
7	PFHpA_2	375-85-9	6.25	363.1 / 169.0	14815		0.094	0.312	0.297	Pass	93.9

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.50	413.1 / 369.1	36354	M5	0.107	0.473	0.586	Pass	107.1
9	PFOA_2	335-67-1	7.50	413.1 / 169.0	17203	M7	0.093	0.473	0.586	Pass	92.5
10	PFNA	375-95-1	7.95	462.8 / 418.9	37224	M5	0.085	0.317	0.313	Pass	84.7
11	PFNA_2	375-95-1	7.95	462.8 / 218.9	11794	M7	0.088	0.317	0.313	Pass	87.8
12	PFDA	335-76-2	8.18	513.1 / 469.1	52636		0.101	0.130	0.142	Pass	101.0
13	PFDA_2	335-76-2	8.18	513.1 / 219.0	6836		0.088	0.130	0.142	Pass	87.5
14	PFUnA	2058-94-8	8.47	563.1 / 519.1	35228		0.083	0.232	0.194	Pass	83.3
15	PFUnA_2	2058-94-8	8.47	563.1 / 269.0	8165		0.100	0.232	0.194	Pass	99.6
16	PFDoA	307-55-1	8.91	613.1 / 569.1	35360		0.093	0.160	0.167	Pass	92.7
17	PFDoA_2	307-55-1	8.91	613.1 / 319.0	5641		0.087	0.160	0.167	Pass	87.5
18	PFTrDA	72629-94-8	9.50	663.1 / 619.1	19413		0.085	0.243	0.228	Pass	85.4
19	PFTrDA_2	72629-94-8	9.50	663.1 / 169.0	4713		0.093	0.243	0.228	Pass	93.0
20	PFTeDA	376-06-7	9.91	713.1 / 669.1	39916		0.104	0.122	0.137	Pass	103.9
21	PFTeDA_2	376-06-7	9.91	713.1 / 169.0	4867		0.093	0.122	0.137	Pass	92.6
22	PFBS	375-73-5	5.32	299.1 / 80.1	29114		0.081	0.429	0.396	Pass	91.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.32	299.1 / 99.1	12490		0.087	0.429	0.396	Pass	98.3
24	PFPeS	2706-91-4	6.34	349.1 / 80.1	24008		0.080	0.315	0.299	Pass	84.8
25	PFPeS_2	2706-91-4	6.34	349.1 / 99.1	7551		0.083	0.315	0.299	Pass	88.4
26	PFHxS	355-46-4	7.62	399.1 / 80.1	25007	M5	0.089	0.299	0.315	Pass	97.1
27	PFHxS_2	355-46-4	7.62	399.1 / 99.1	7473	M7	0.085	0.299	0.315	Pass	93.5
28	PFHpS	375-92-8	8.02	449.1 / 80.1	22616		0.080	0.353	0.287	Pass	84.0
29	PFHpS_2	375-92-8	8.02	449.1 / 99.1	7986		0.096	0.353	0.287	Pass	101.2
30	PFOS	1763-23-1	8.28	499.1 / 80.1	25837	M5	0.086	0.229	0.238	Pass	92.6
31	PFOS_2	1763-23-1	8.28	499.1 / 99.1	5919		0.080	0.229	0.238	Pass	86.6
32	PFNS	68259-12-1	8.63	549.1 / 80.1	15906		0.082	0.373	0.301	Pass	85.6
33	PFNS_2	68259-12-1	8.63	549.1 / 99.1	5934		0.101	0.373	0.301	Pass	105.5
34	PFDS	335-77-3	9.15	599.1 / 80.1	16034		0.084	0.272	0.275	Pass	87.4
35	PFDS_2	335-77-3	9.15	599.1 / 99.1	4357		0.083	0.272	0.275	Pass	86.1
36	PFDoS	79780-39-5	10.01	699.2 / 80.1	14889		0.085	0.229	0.274	Pass	88.1
37	PFDoS_2	79780-39-5	10.00	699.2 / 99.1	3413		0.071	0.229	0.274	Pass	73.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.14	327.1 / 307.1	63237		0.479	0.520	0.516	Pass	127.7
39	4:2FTS_2	757124-72-4	5.14	327.1 / 81.1	32903		0.466	0.520	0.516	Pass	124.2
40	6:2FTS	27619-97-2	7.09	427.2 / 407.2	29652		0.360	0.467	0.565	Pass	94.8
41	6:2FTS_2	27619-97-2	7.09	427.2 / 81.1	13840		0.311	0.467	0.565	Pass	81.8
42	8:2FTS	39108-34-4	8.07	527.2 / 507.2	32302		0.344	0.762	0.662	Pass	89.6
43	8:2FTS_2	39108-34-4	8.07	527.2 / 81.1	24601		0.386	0.762	0.662	Pass	100.6
44	PFOSA	754-91-6	9.55	498.1 / 78.1	25409	M5	0.090	0.028	0.025	Pass	90.1
45	PFOSA_2	754-91-6	9.53	498.1 / 478.0	701	M7	0.095	0.028	0.025	Pass	94.7
46	NMeFOSA	31506-32-8	10.17	512.2 / 219.0	5812	M5	0.078	1.876	1.551	Pass	77.7
47	NMeFOSA_2	31506-32-8	10.12	512.2 / 169.0	10902	M7	0.094	1.876	1.551	Pass	94.1
48	NEtFOSA	4151-50-2	10.38	526.2 / 219.0	6309	M5	0.086	1.687	1.285	Pass	85.7
49	NEtFOSA_2	4151-50-2	10.33	526.2 / 169.0	10641	M7	0.108	1.687	1.285	Pass	108.0
50	NMeFOSAA	2355-31-9	8.22	570.2 / 419.1	10089	M4	0.088	0.468	0.700	Pass	87.8
51	NMeFOSAA_2	2355-31-9	8.23	570.2 / 483.0	4721		0.065	0.468	0.700	Pass	64.6
52	NEtFOSAA	2991-50-6	8.36	584.2 / 419.1	6220	M5	0.083	0.529	0.487	Pass	83.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.37	584.2 / 526.2	3290	M7	0.095	0.529	0.487	Pass	95.5
54	NMeFOSE	24448-09-7	10.08	616.1 / 58.9	109398	M5	0.889	N/A	N/A	N/A	88.9
55	NEtFOSE	1691-99-2	10.28	630.0 / 58.9	200381	M5	0.871	N/A	N/A	N/A	87.1
56	HFPO-DA	13252-13-6	5.61	285.0 / 169.0	92315		0.349	0.519	0.464	Pass	87.2
57	HFPO-DA_2	13252-13-6	5.60	285.0 / 184.9	47872		0.389	0.519	0.464	Pass	97.3
58	ADONA	919005-14-4	6.72	377.1 / 251.0	201429		0.335	0.718	0.634	Pass	88.6
59	ADONA_2	919005-14-4	6.72	377.1 / 84.8	144579		0.371	0.718	0.634	Pass	98.2
60	9Cl-PF3ONS	756426-58-1	8.50	530.8 / 351.1	195597		0.330	0.323	0.322	Pass	88.2
61	9Cl-PF3ONS_2	756426-58-1	8.50	532.8 / 353.0	63224		0.327	0.323	0.322	Pass	87.5
62	11Cl-PF3OUdS	763051-92-9	9.57	630.9 / 451.0	136607		0.365	0.324	0.331	Pass	96.4
63	11Cl-PF3OUdS_2	763051-92-9	9.57	632.9 / 452.9	44210	M7	0.351	0.324	0.331	Pass	92.7
64	3:3FTCA	356-02-5	4.91	241.1 / 177.1	11661		0.418	1.061	1.074	Pass	83.7
65	3:3FTCA_2	356-02-5	4.91	241.1 / 117.0	12367		0.443	1.061	1.074	Pass	88.6
66	5:3FTCA	914637-49-3	7.16	341.1 / 237.1	225324		2.444	0.929	0.953	Pass	97.8
67	5:3FTCA_2	914637-49-3	7.16	341.1 / 217.0	209354		2.400	0.929	0.953	Pass	96.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.21	441.1 / 316.9	272814		2.658	1.500	1.558	Pass	106.3
69	7:3FTCA_2	812-70-4	8.21	441.1 / 337.1	409174		2.747	1.500	1.558	Pass	109.9
70	PFEESA	113507-82-7	5.71	315.1 / 135.0	150155		0.170	0.091	0.087	Pass	95.7
71	PFEESA_2	113507-82-7	5.71	315.1 / 82.9	13656		0.179	0.091	0.087	Pass	100.7
72	PFMPA	377-73-1	3.85	229.0 / 85.0	7169		0.184	N/A	N/A	N/A	92.2
73	PFMBA	863090-89-5	4.88	279.0 / 85.0	93621		0.179	N/A	N/A	N/A	89.3
74	NFDHA	151772-58-6	5.26	295.0 / 201.0	19368		0.209	0.861	0.910	Pass	104.3
75	NFDHA_2	151772-58-6	5.26	295.0 / 84.9	16677		0.196	0.861	0.910	Pass	98.0
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.13	333.2 / 312.1	984958		5.412	N/A	N/A	N/A	108.3
79	13C2-PFOA	Surr	7.50	415.0 / 370.0	3409390		2.673	N/A	N/A	N/A	106.9

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2708656		10.998	NA	NA	NA	110.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1742118		5.766	NA	NA	NA	115.3
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	1042718		2.627	NA	NA	NA	105.1
	13C4-PFHpA	EIS	6.24	367.0 / 322.0	1100341		2.769	NA	NA	NA	110.8
	13C8-PFOA	EIS	7.50	421.0 / 376.0	1630422		2.831	NA	NA	NA	113.2
	13C9-PFNA	EIS	7.94	472.0 / 427.0	750799		1.332	NA	NA	NA	106.5
	13C6-PFDA	EIS	8.17	519.0 / 474.0	755939		1.414	NA	NA	NA	113.1
	13C7-PFUnA	EIS	8.47	570.0 / 525.0	669288		1.547	NA	NA	NA	123.7

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.90	615.1 / 570.0	366858		1.303	NA	NA	NA	104.3
	13C2-PFTeDA	EIS	9.91	715.1 / 670.1	383275		1.254	NA	NA	NA	100.3
	13C3-PFBS	EIS	5.31	302.1 / 80.1	856295		2.525	NA	NA	NA	108.4
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	705640		2.620	NA	NA	NA	110.6
	13C8-PFOS	EIS	8.27	507.1 / 80.1	732197		2.713	NA	NA	NA	113.3
	13C2-4:2FTS	EIS	5.13	329.1 / 81.1	316009		5.222	NA	NA	NA	111.3
	13C2-6:2FTS	EIS	7.09	429.2 / 81.1	238701		5.383	NA	NA	NA	113.2
	13C2-8:2FTS	EIS	8.07	529.2 / 81.1	355718		5.481	NA	NA	NA	114.2

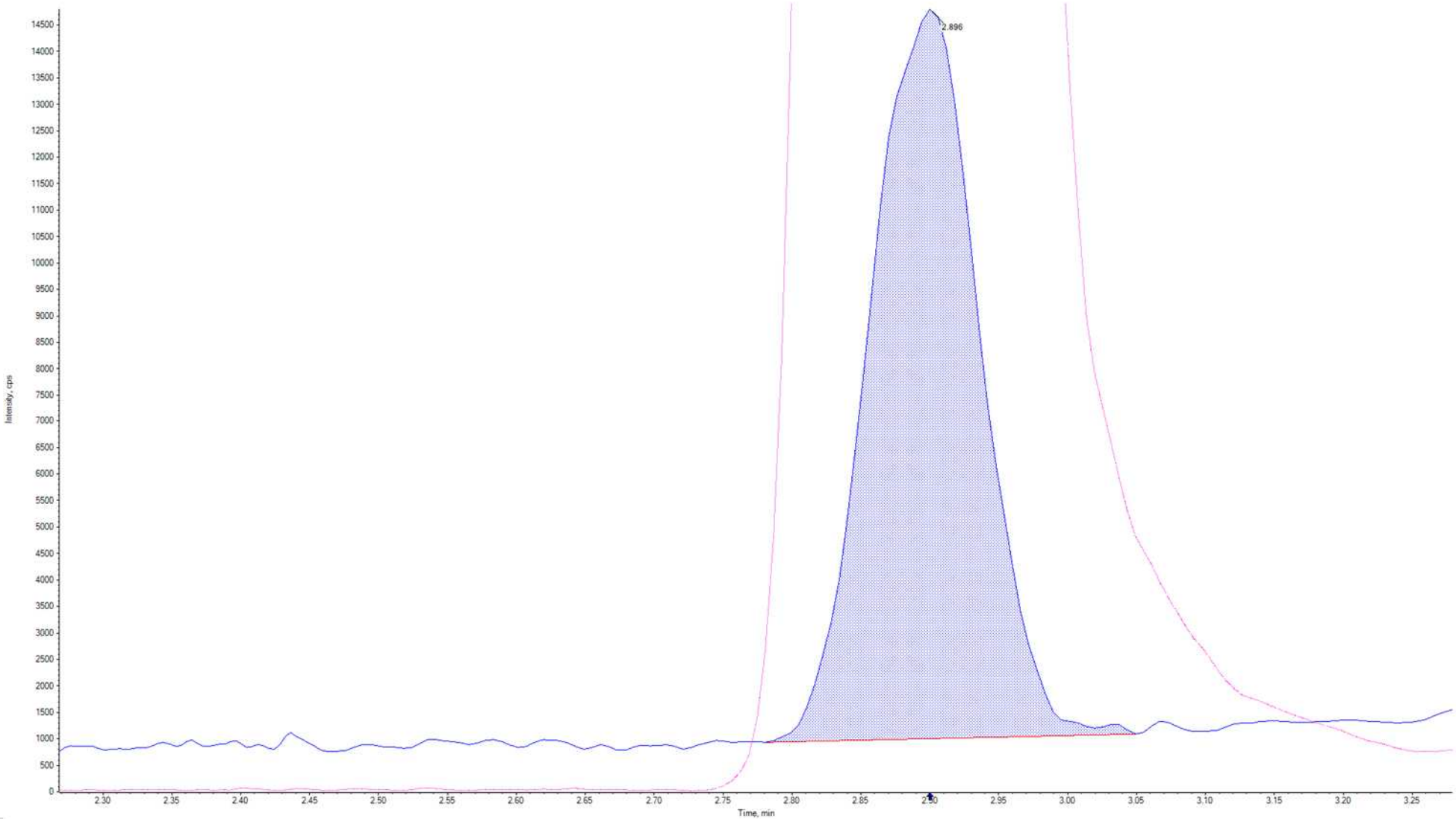
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	1055140		2.941	NA	NA	NA	117.6
	d3-NMeFOSA	EIS	10.16	515.2 / 219.0	174652		2.892	NA	NA	NA	115.7
	d5-NEtFOSA	EIS	10.37	531.2 / 219.0	167531		2.840	NA	NA	NA	113.6
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	873152		6.395	NA	NA	NA	127.9
	d5-NEtFOSAA	EIS	8.36	589.3 / 419.1	401545		5.596	NA	NA	NA	111.9
	d7-NMeFOSE	EIS	10.07	623.2 / 58.9	1246722		26.730	NA	NA	NA	106.9
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1960553		28.510	NA	NA	NA	114.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.60	287.0 / 169.0	2886138		10.973	NA	NA	NA	109.7
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1077413		5.039	NA	NA	NA	100.8
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1178397		2.407	NA	NA	NA	96.3
	13C4-PFOA	NIS	7.49	417.0 / 372.0	753439		2.407	NA	NA	NA	96.3
	13C5-PFNA	NIS	7.94	468.0 / 423.0	686816		1.254	NA	NA	NA	100.3
	13C2-PFDA	NIS	8.17	515.1 / 470.1	628251		1.226	NA	NA	NA	98.1
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	547400		2.337	NA	NA	NA	98.6
	13C4-PFOS	NIS	8.27	503.1 / 80.1	477378		2.267	NA	NA	NA	94.7

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

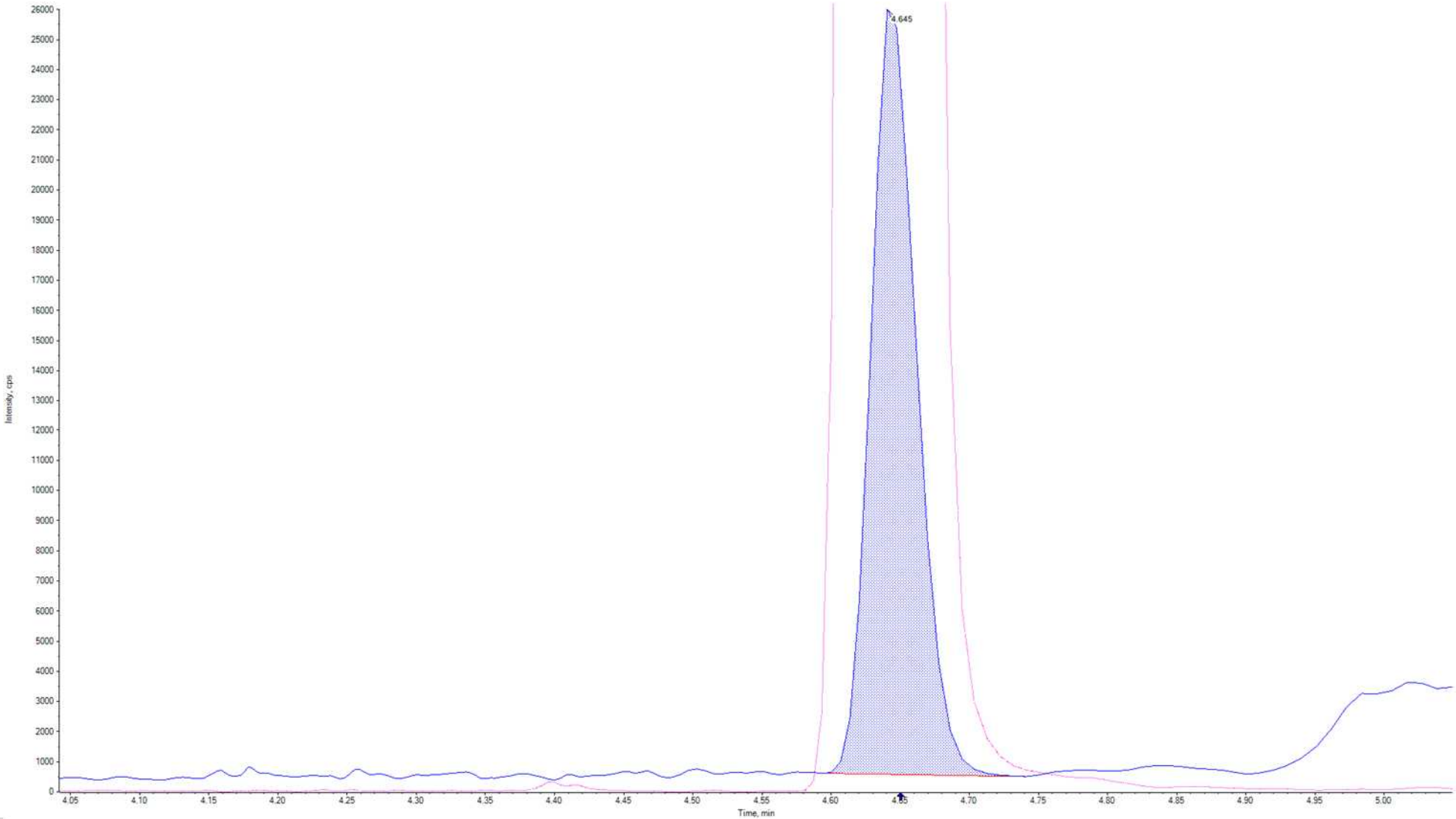
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFBA
Sample: IA1633STD-.1 S/N:322.6 Points Across peak:46



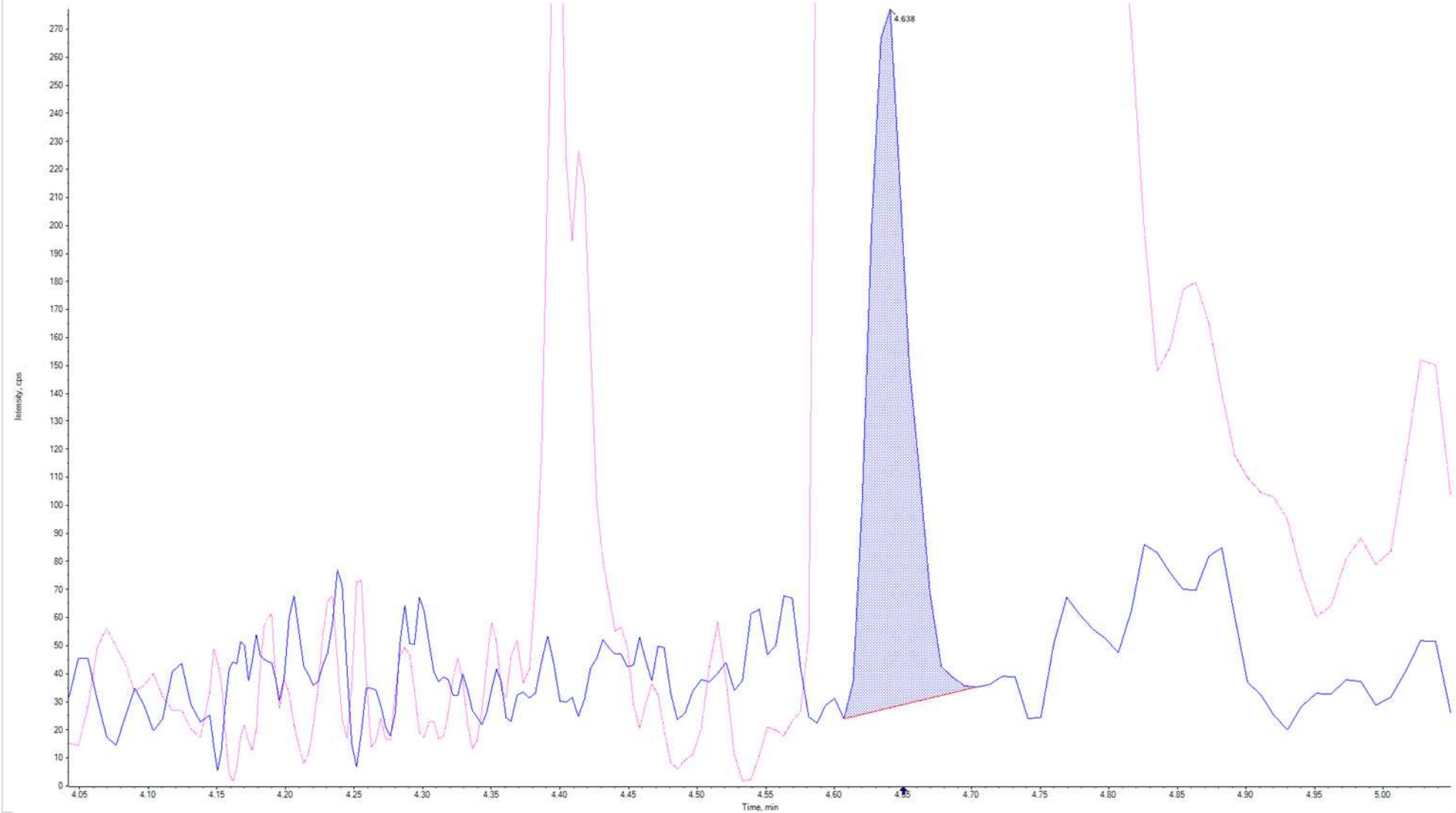
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFPeA
Sample: IA1633STD-.1 S/N:359.3 Points Across peak:20



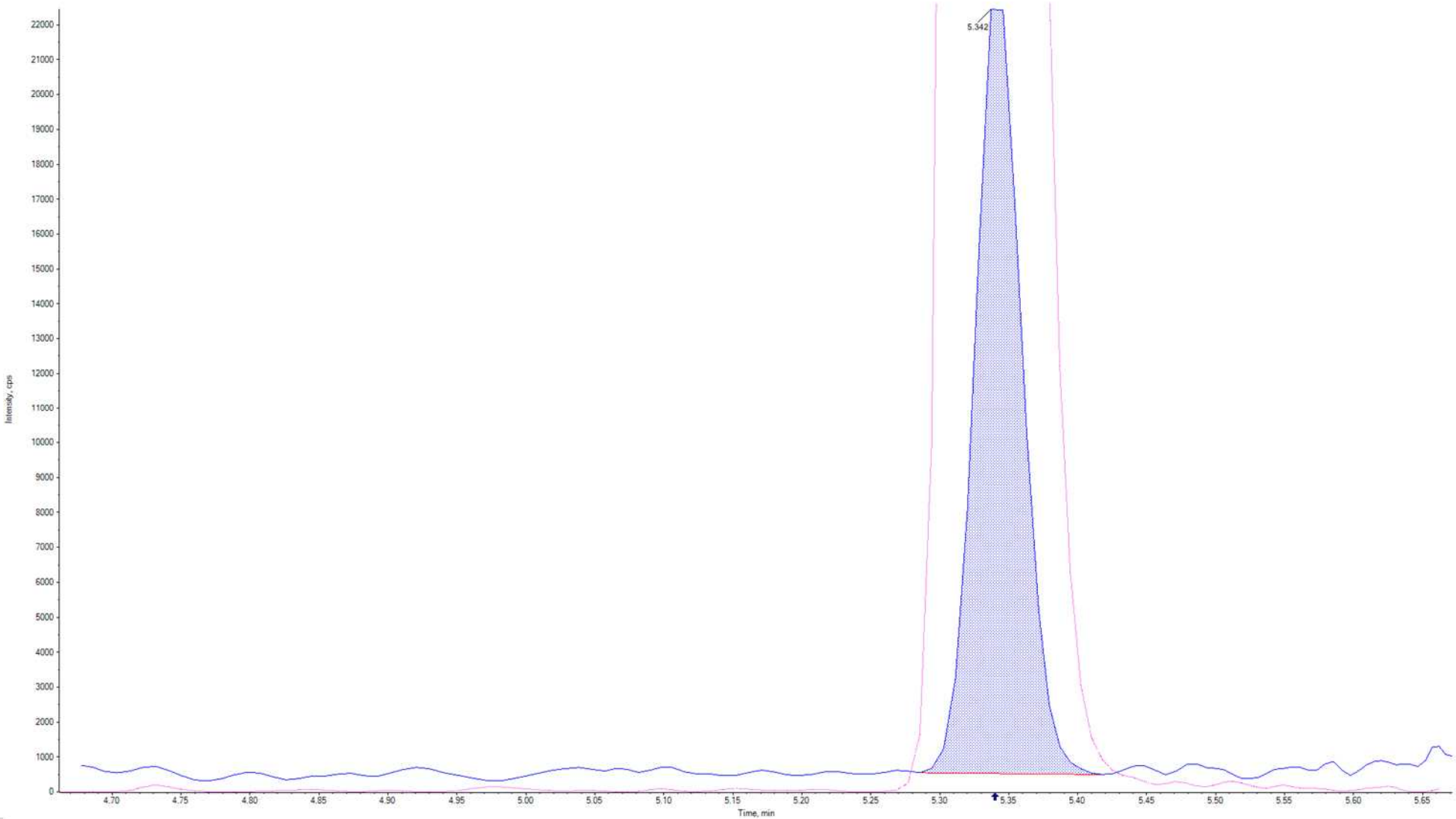
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFPeA_2
Sample: IA1633STD-.1 S/N:78.4 Points Across peak:14



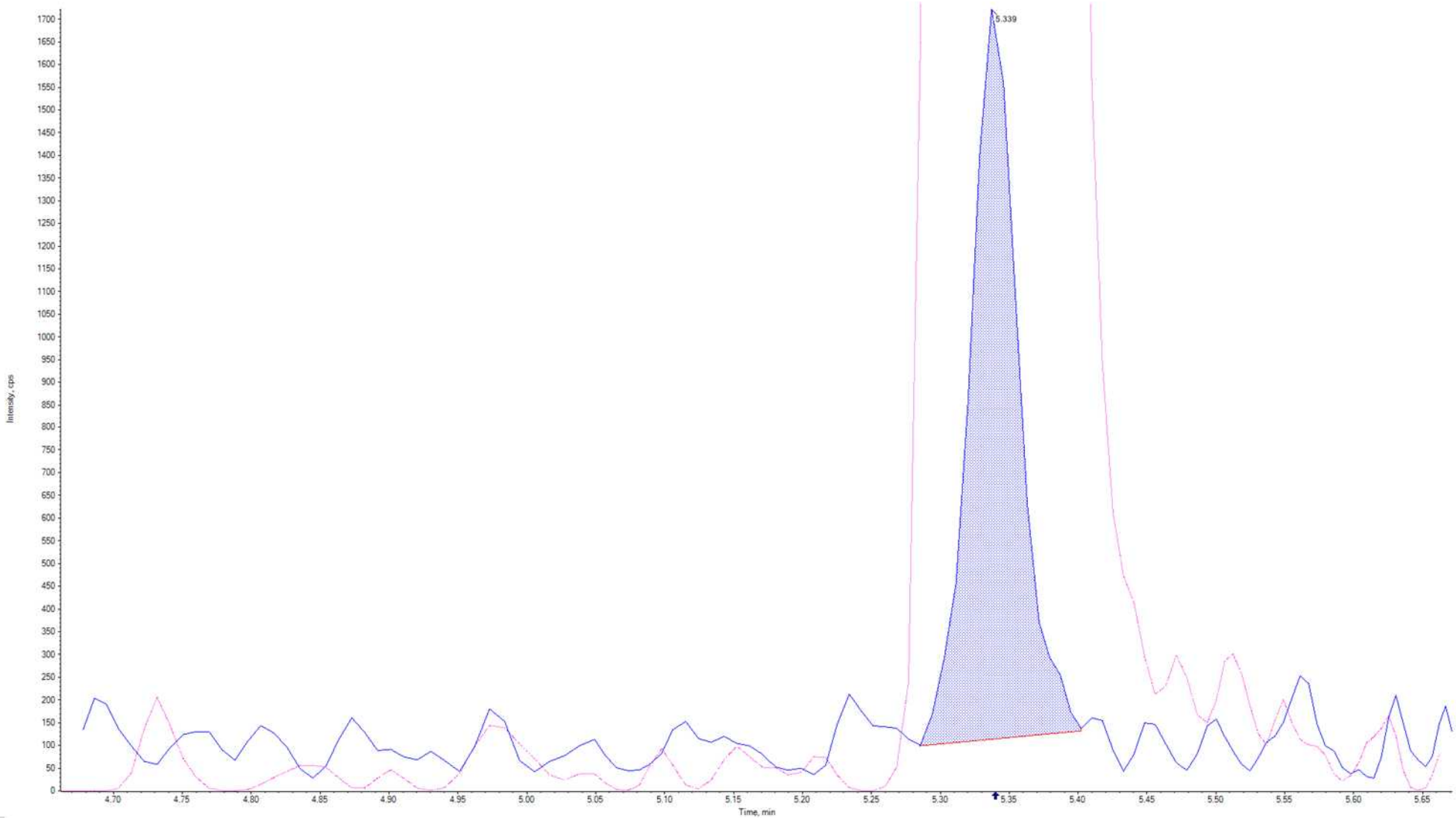
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFHxA
Sample: IA1633STD-.1 S/N:266.4 Points Across peak:17



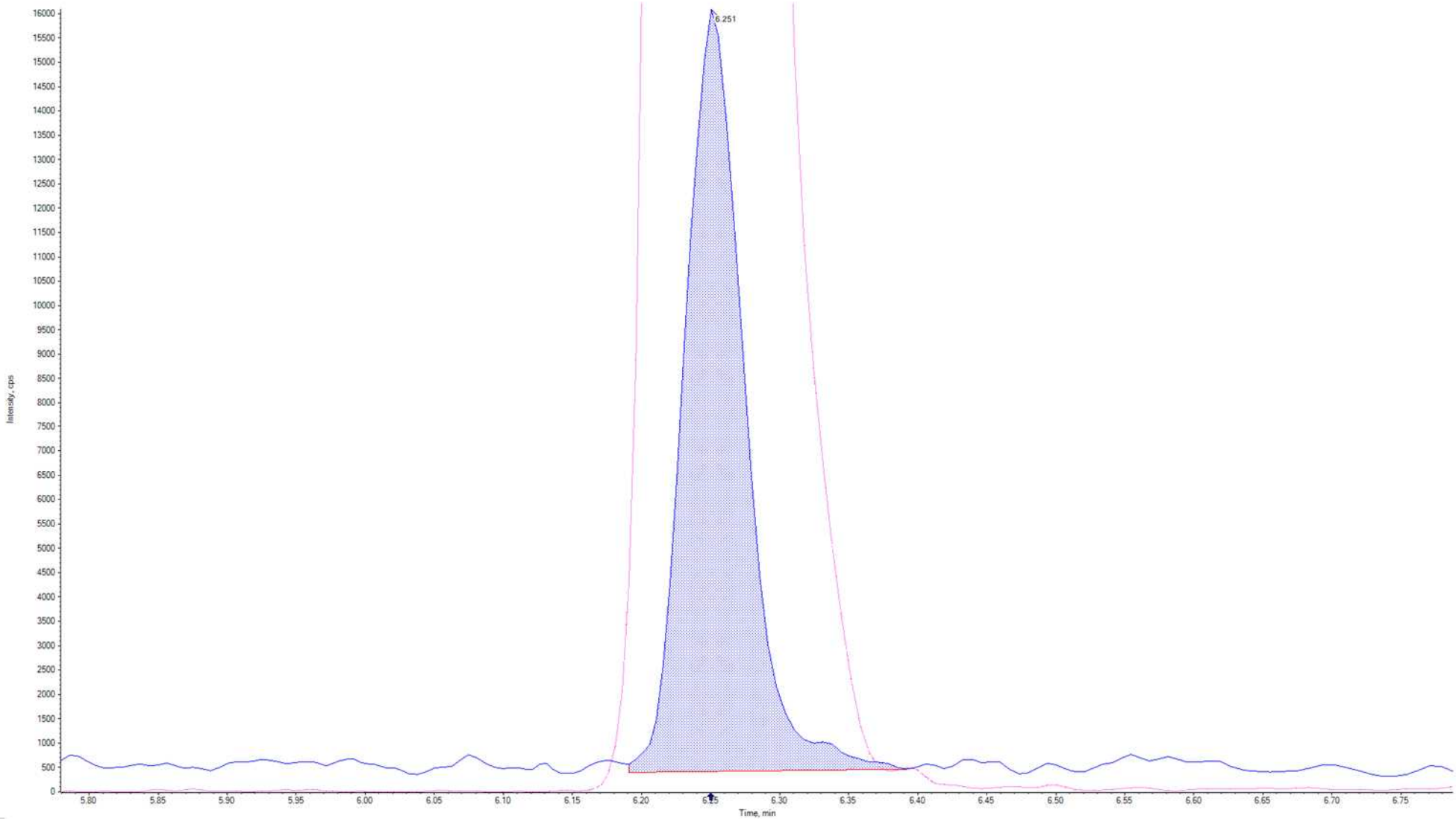
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFHxA_2
Sample: IA1633STD-.1 S/N:94.6 Points Across peak:16



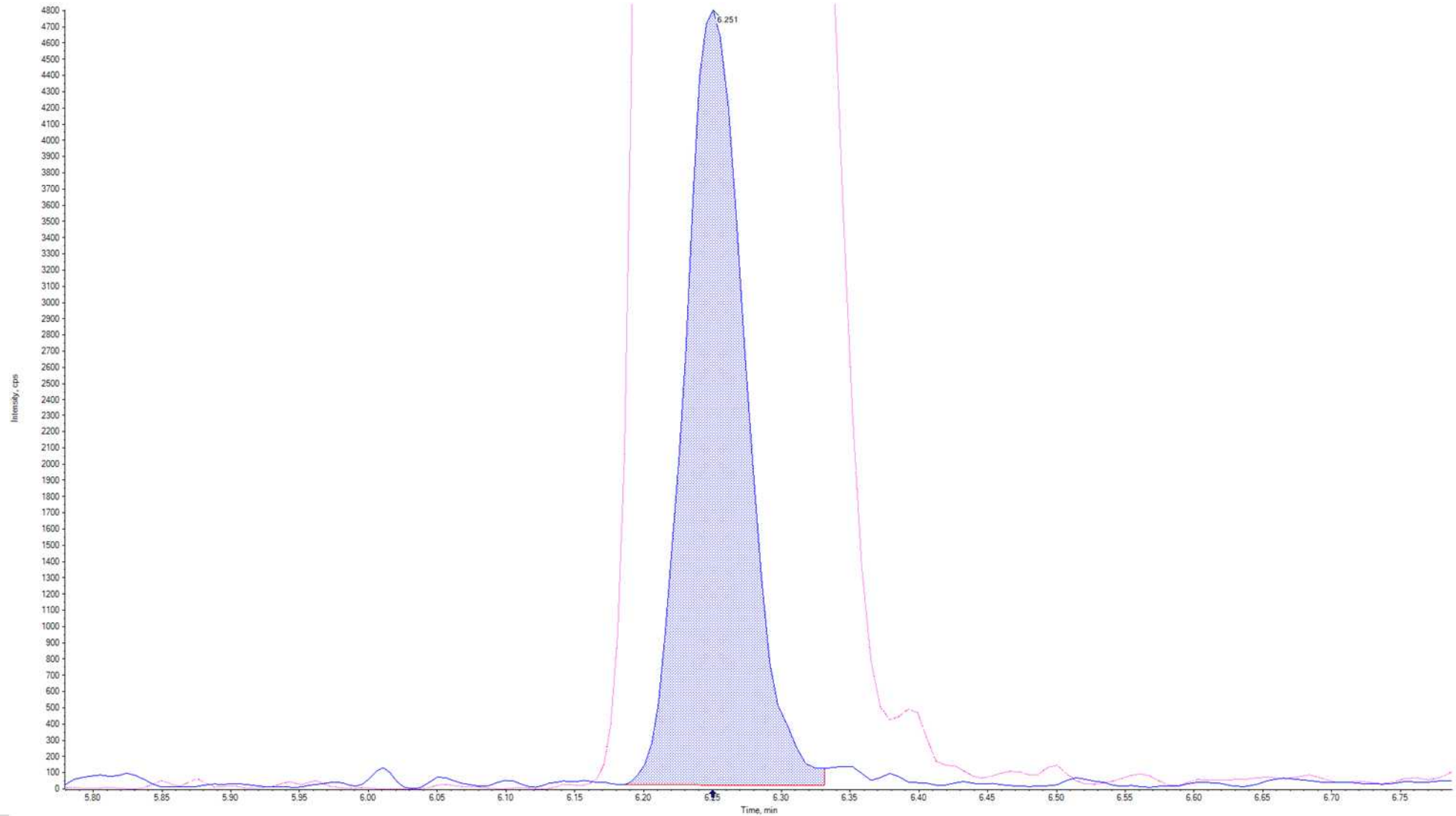
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFHpA
Sample: IA1633STD-.1 S/N:331.9 Points Across peak:35



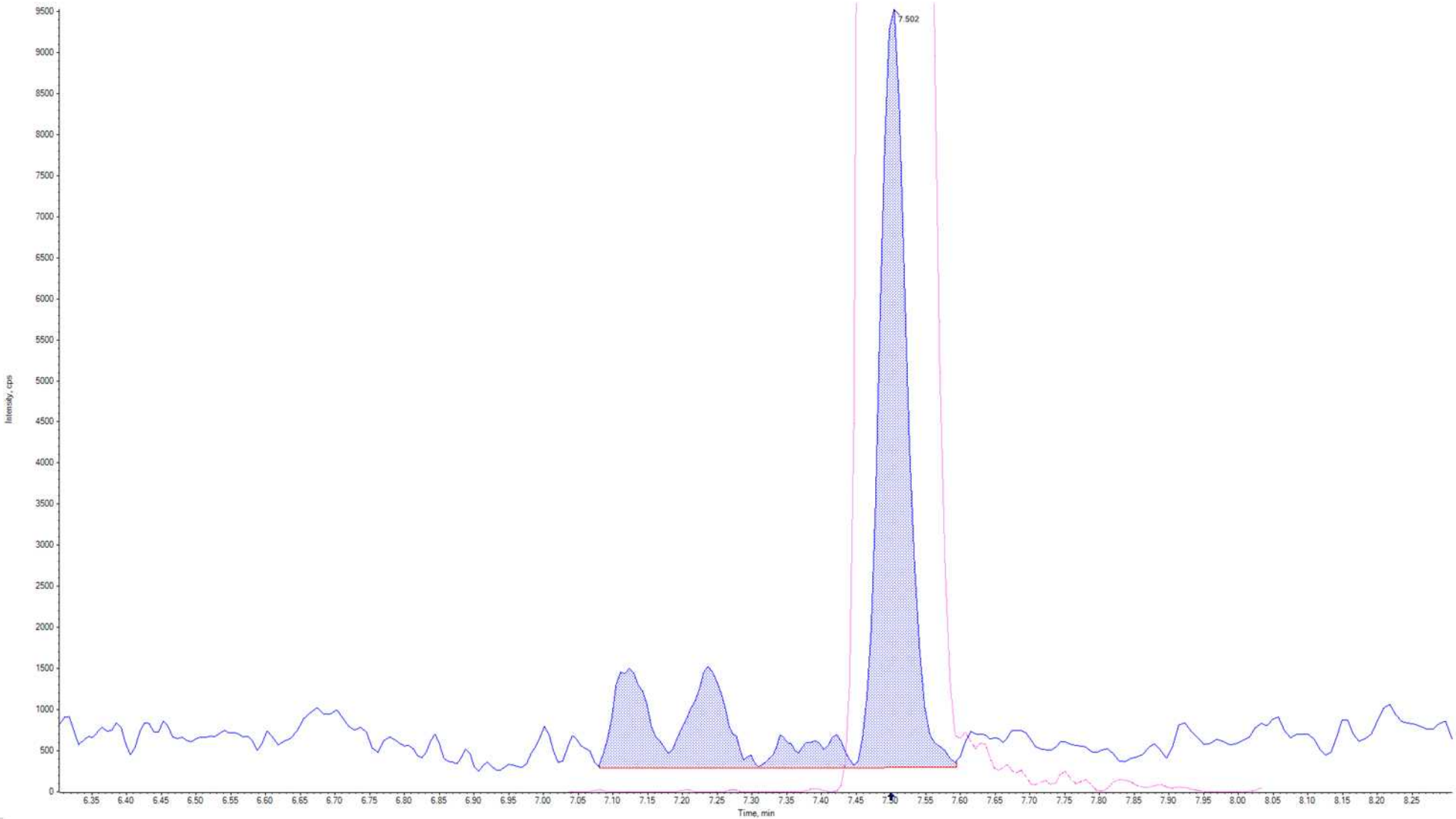
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFHpA_2
Sample: IA1633STD-.1 S/N:758.0 Points Across peak:27



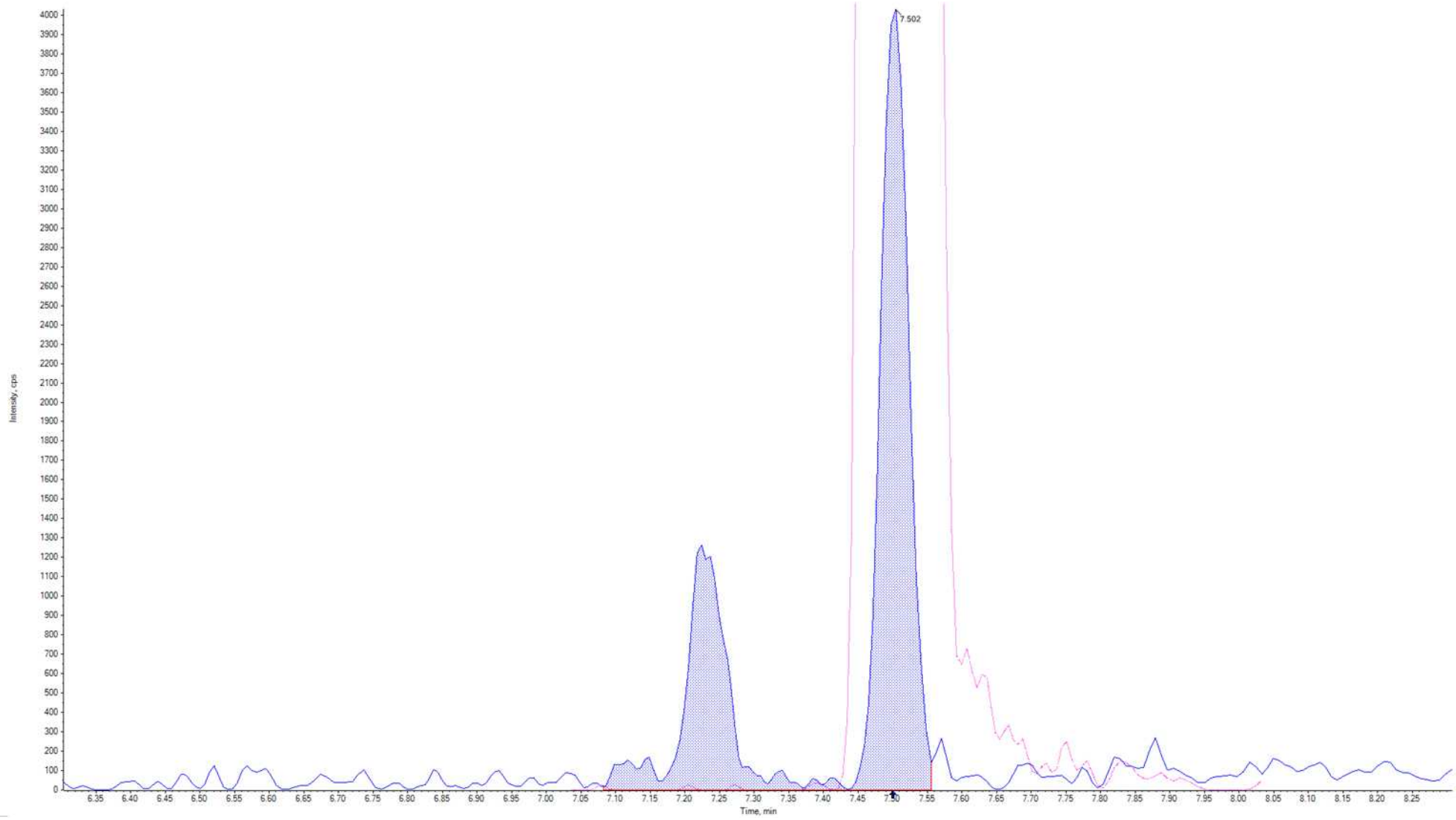
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFOA
Sample: IA1633STD-.1 S/N:197.7 Points Across peak:85



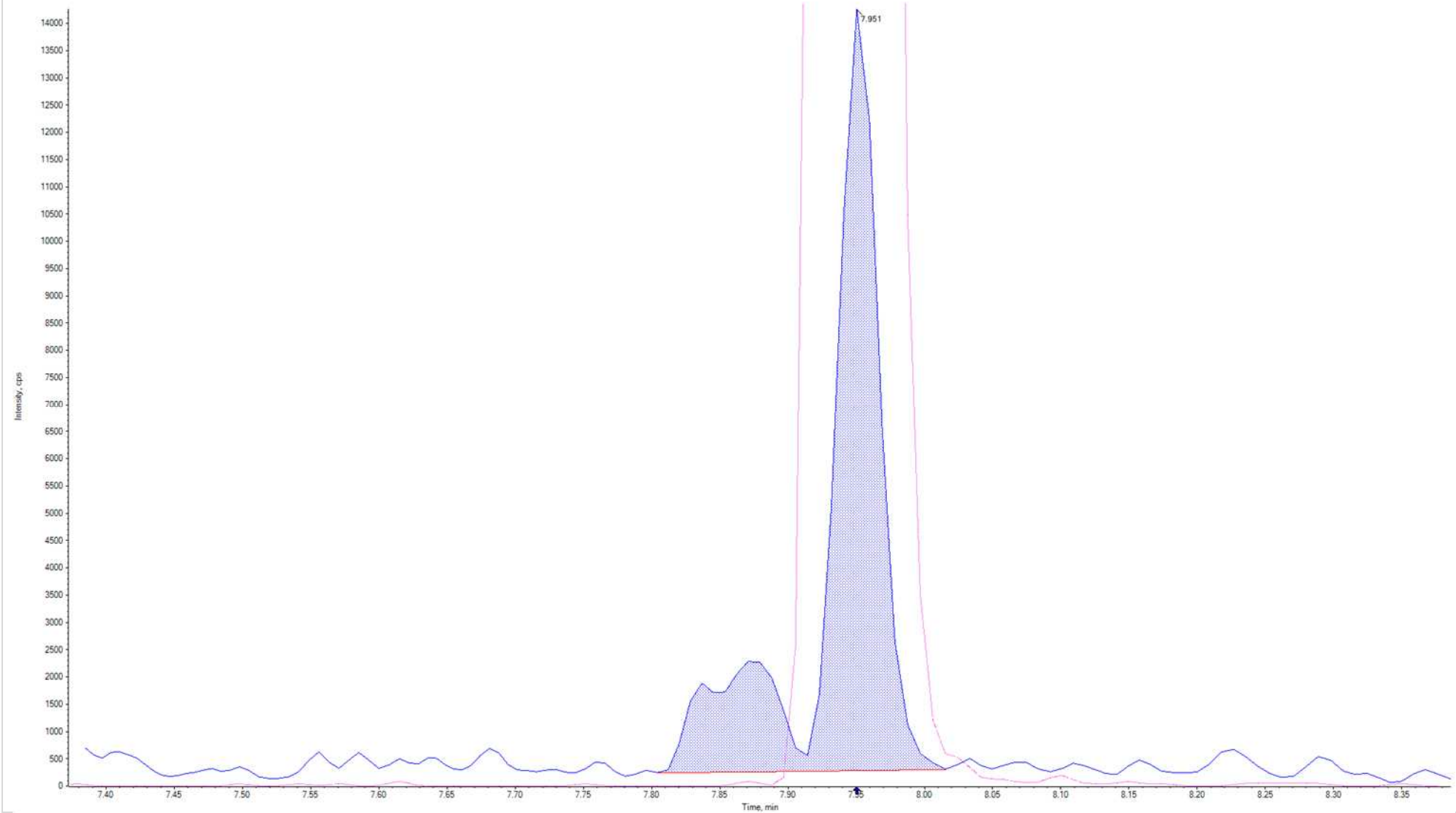
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFOA_2
Sample: IA1633STD-.1 S/N:2880.0 Points Across peak:79



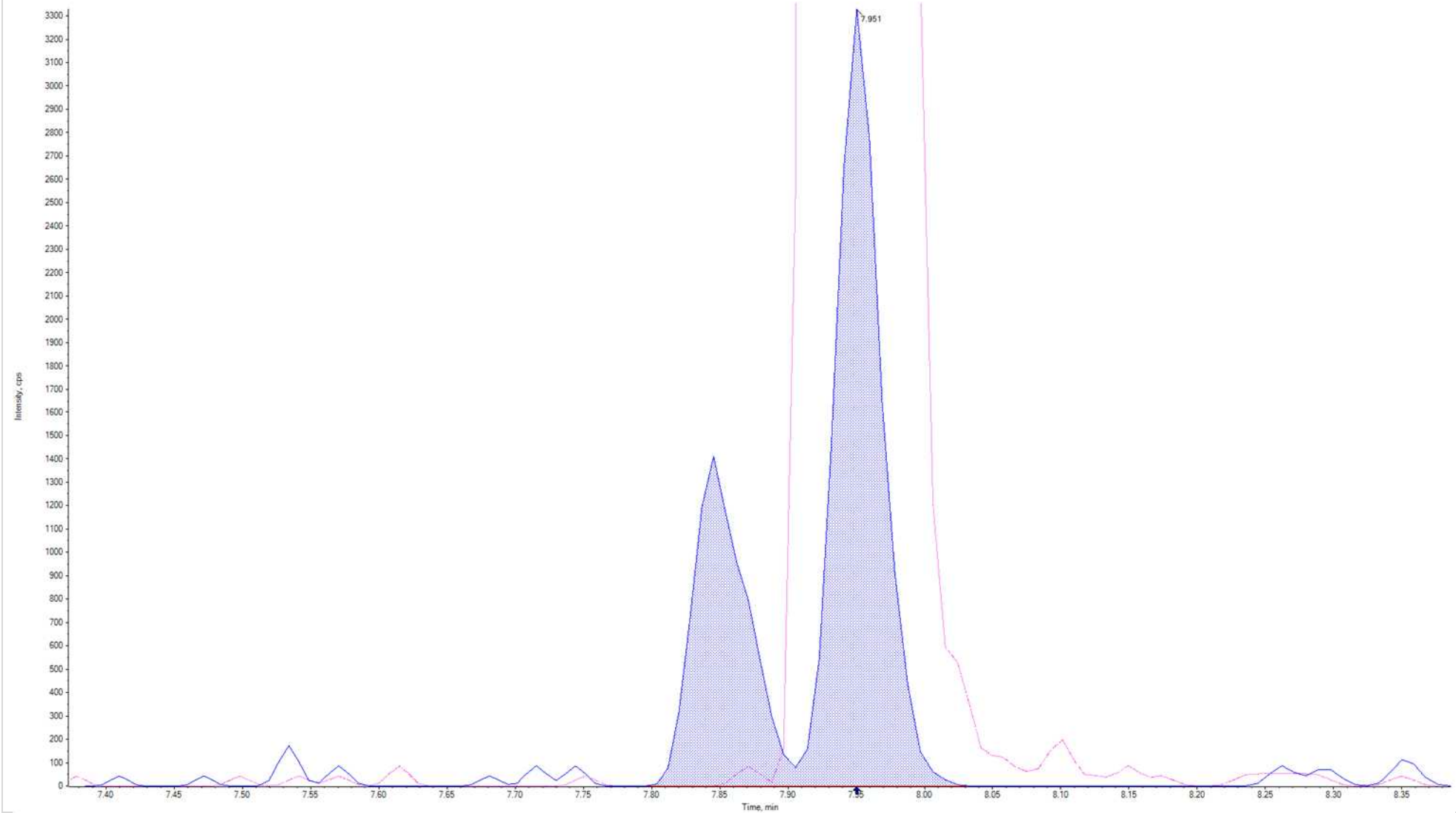
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFNA
Sample: IA1633STD-.1 S/N:284.9 Points Across peak:26



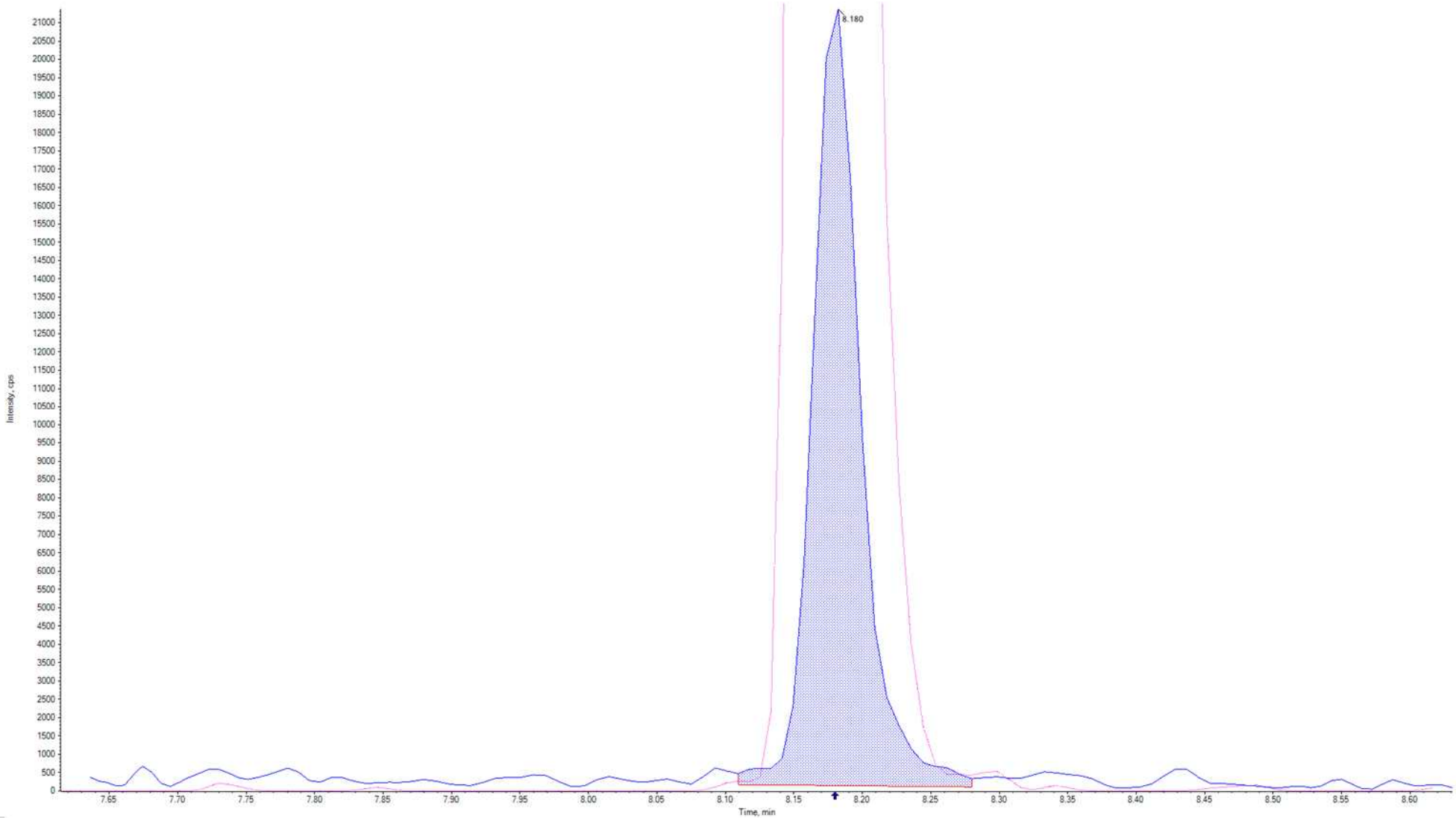
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFNA_2
Sample: IA1633STD-.1 S/N:235.6 Points Across peak:28



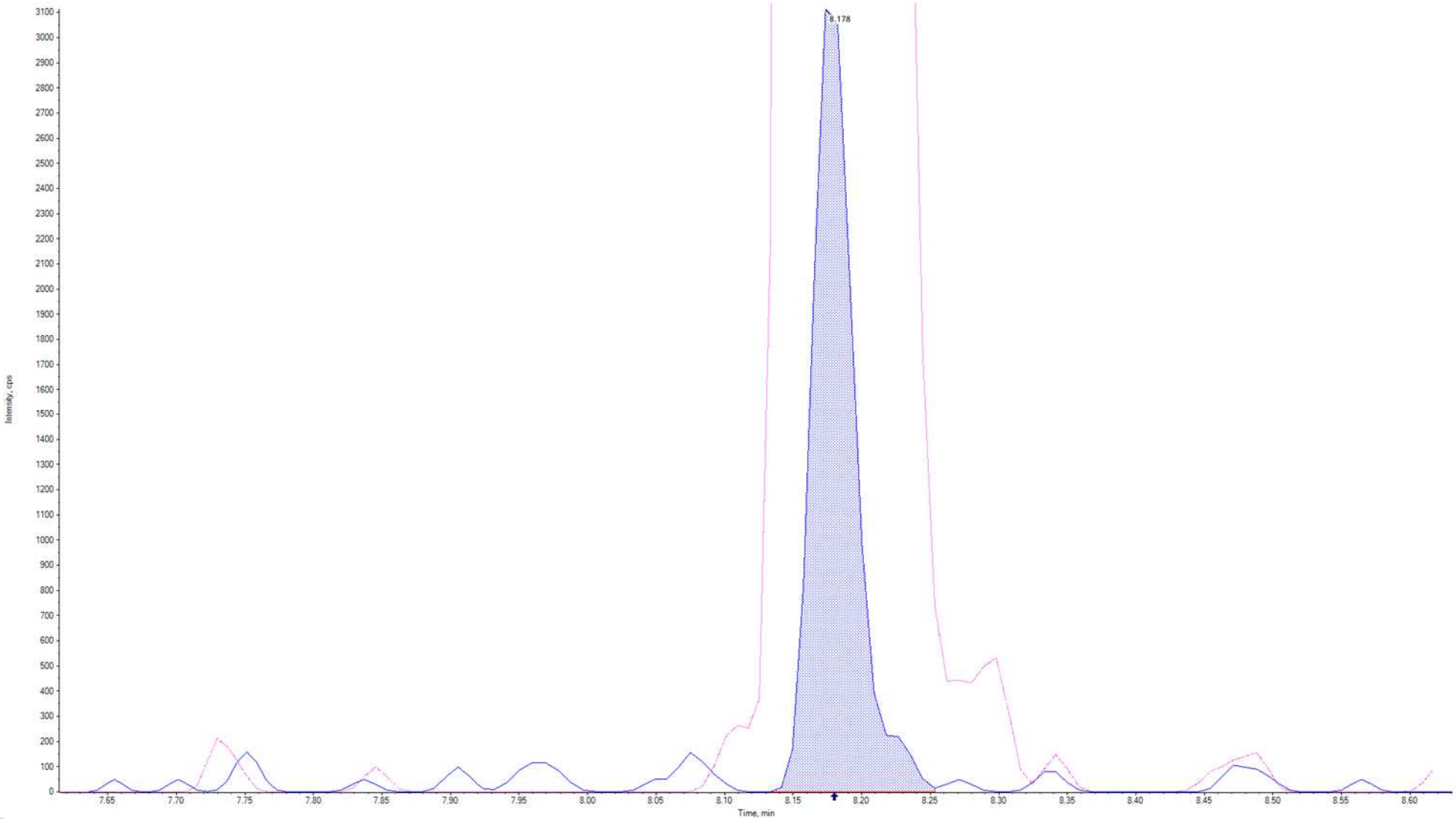
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFDA
Sample: IA1633STD-.1 S/N:434.1 Points Across peak:21



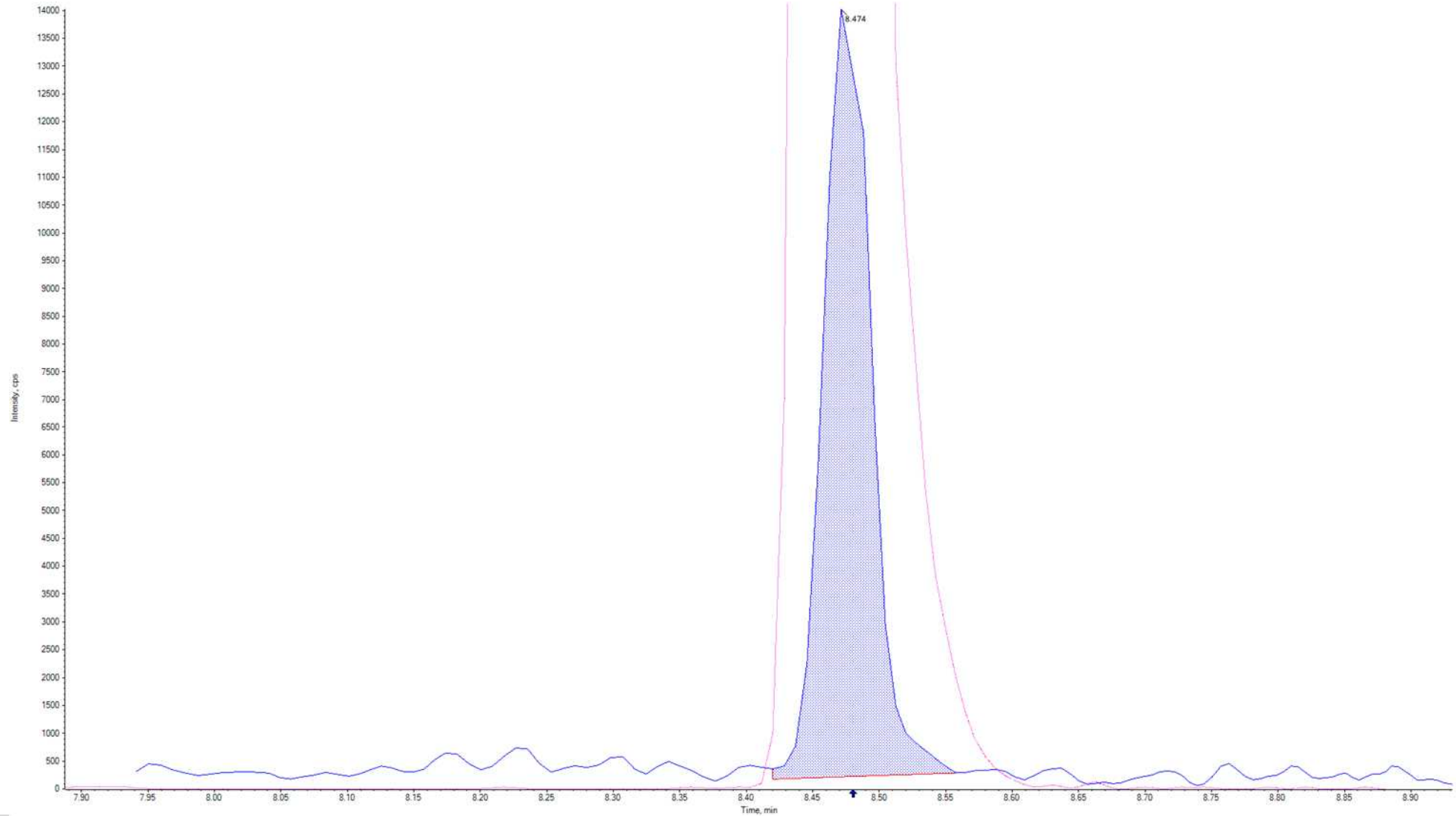
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFDA_2
Sample: IA1633STD-.1 S/N:208.0 Points Across peak:16



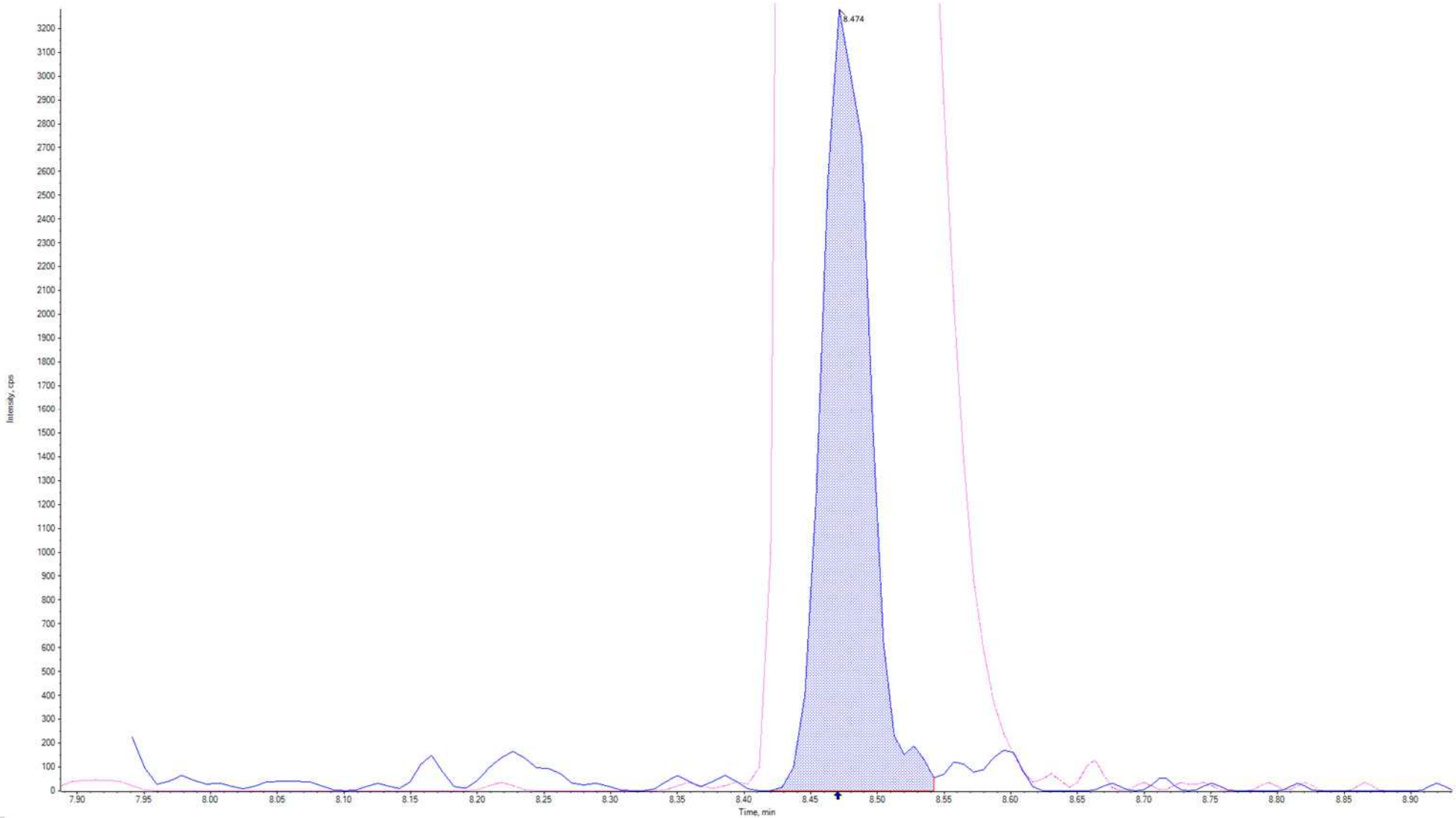
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA
Sample: IA1633STD-.1 S/N:372.2 Points Across peak:18



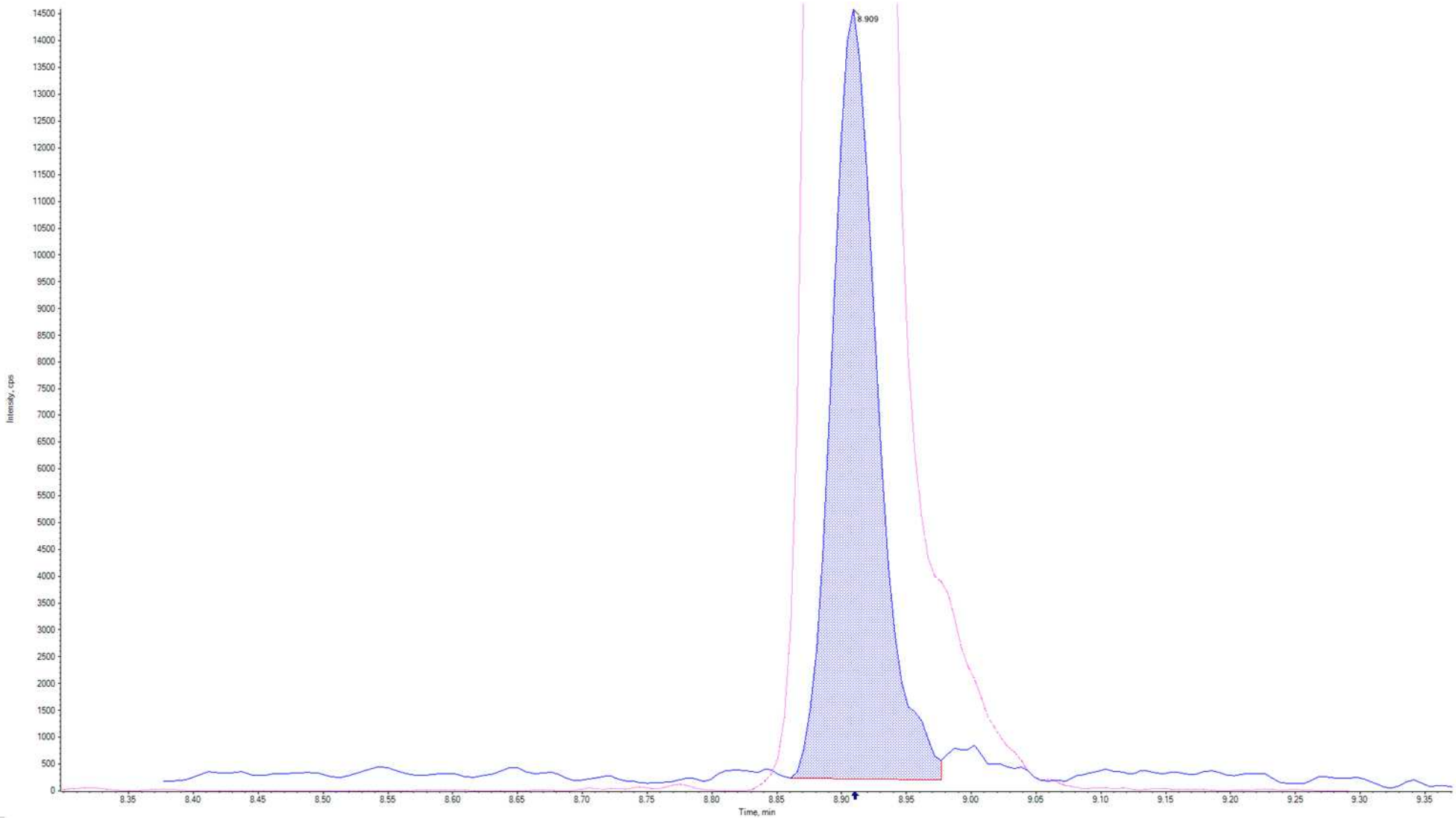
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Alpha Analytical Inc.
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PFUnA_2
Sample: IA1633STD-.1 S/N:243.5 Points Across peak:16



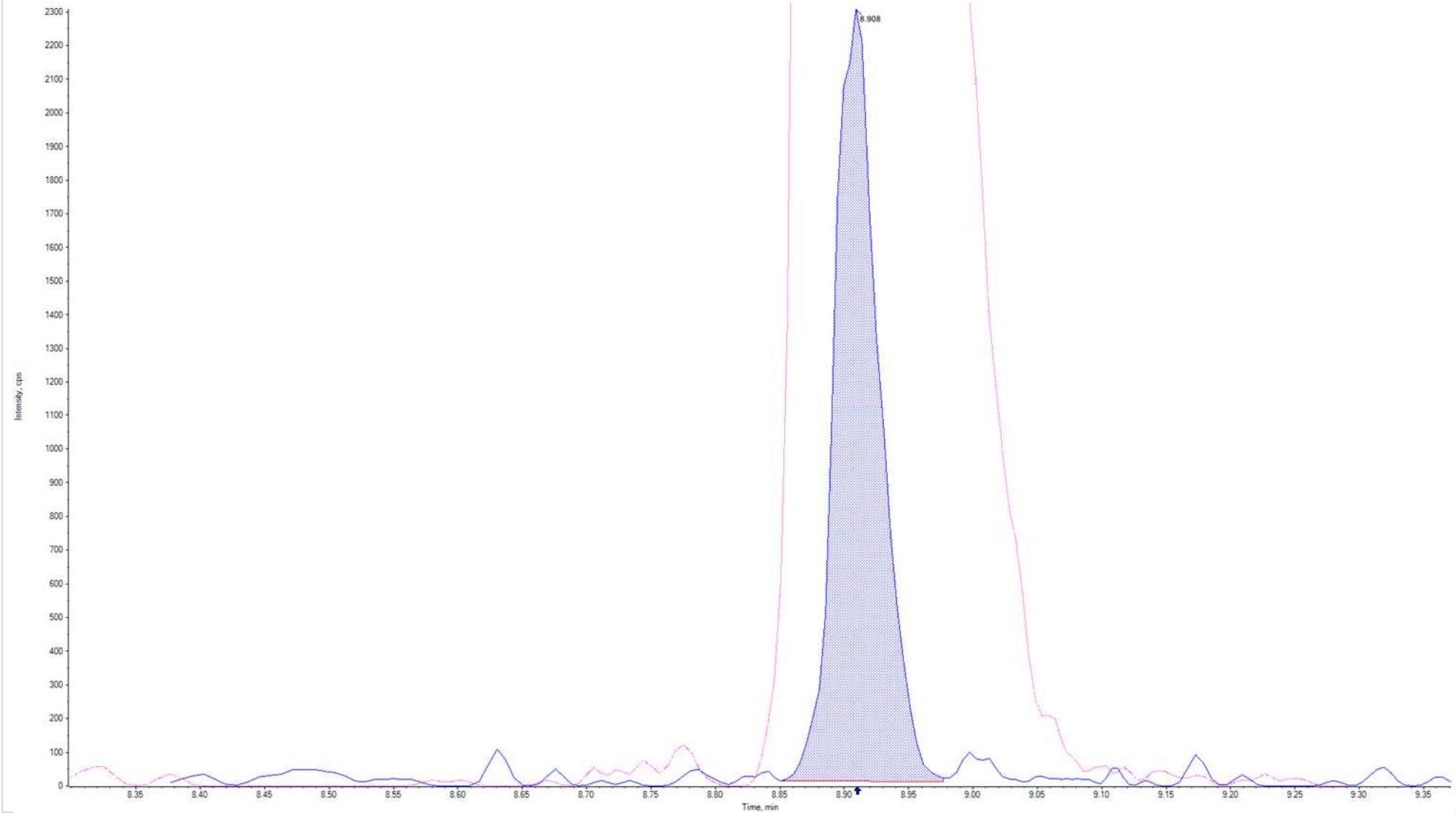
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Alpha Analytical Inc.
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PFDoA
Sample: IA1633STD-.1 S/N:743.2 Points Across peak:24



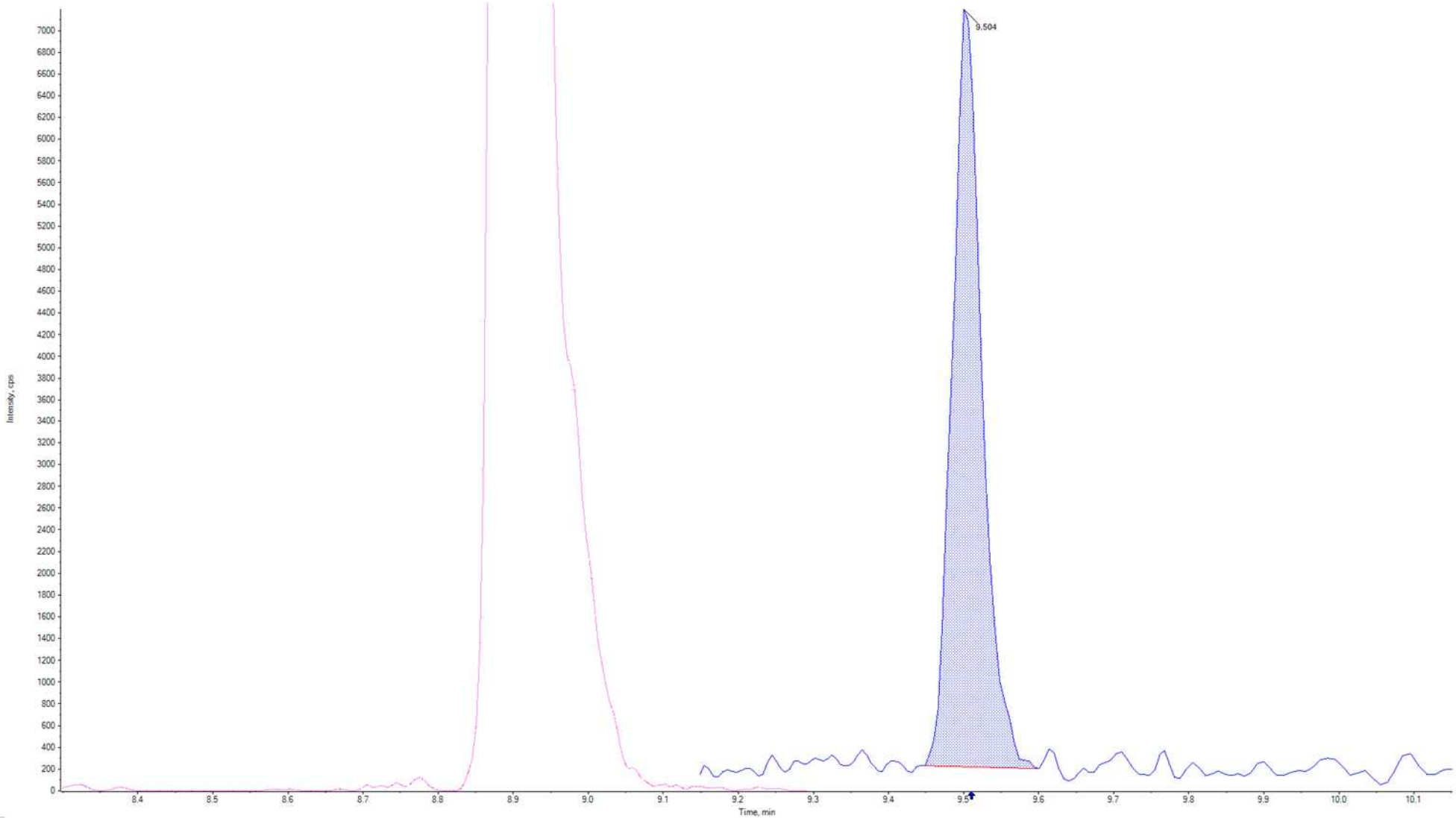
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PFDoA_2
Sample: IA1633STD-.1 S/N:124169.9 Points Across peak:26



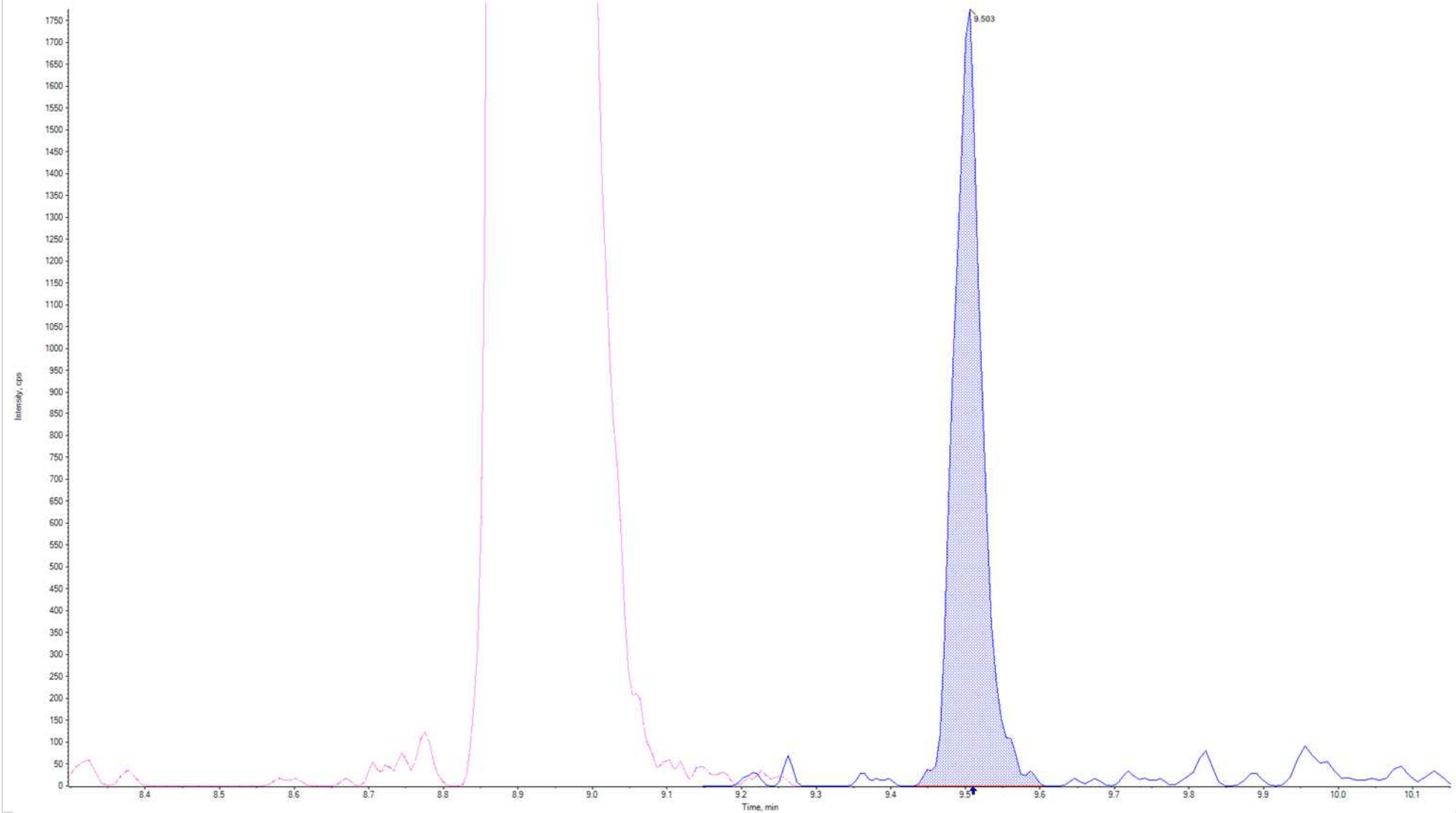
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFTrDA
Sample: IA1633STD-.1 S/N:232.3 Points Across peak:26



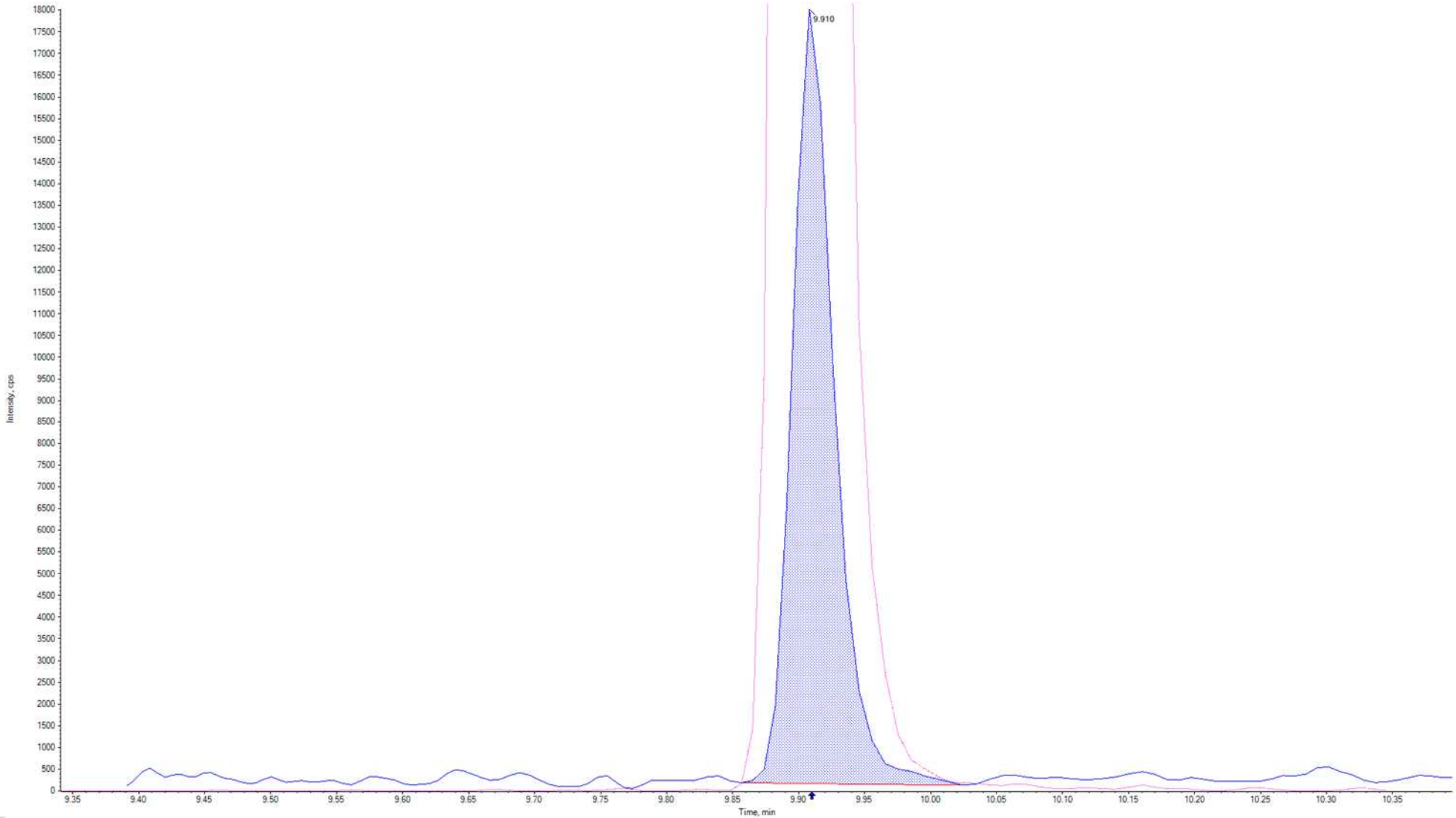
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PFTrDA_2
Sample: IA1633STD-.1 S/N:225.5 Points Across peak:34



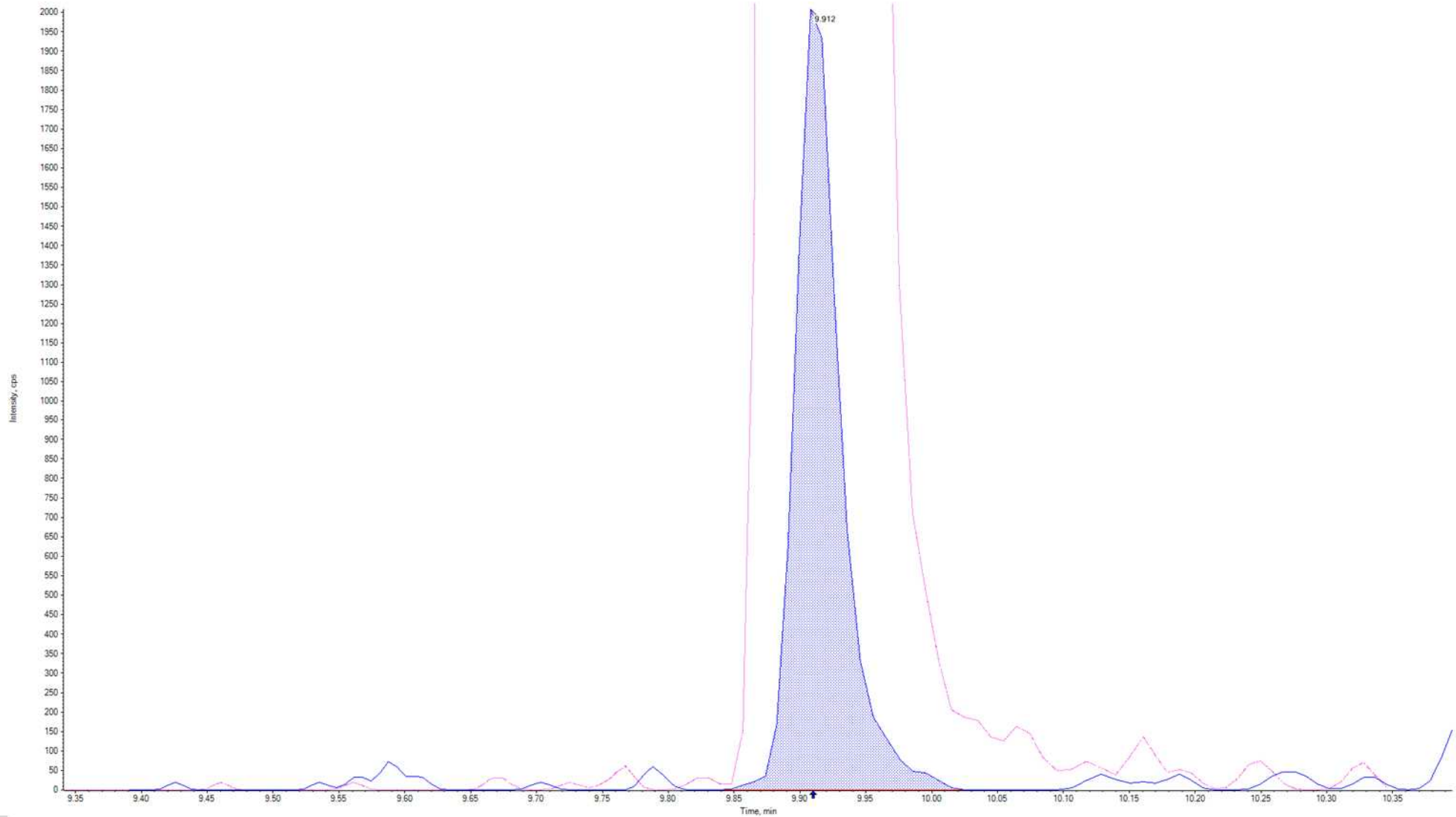
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PFTeDA
Sample: IA1633STD-.1 S/N:388.9 Points Across peak:19



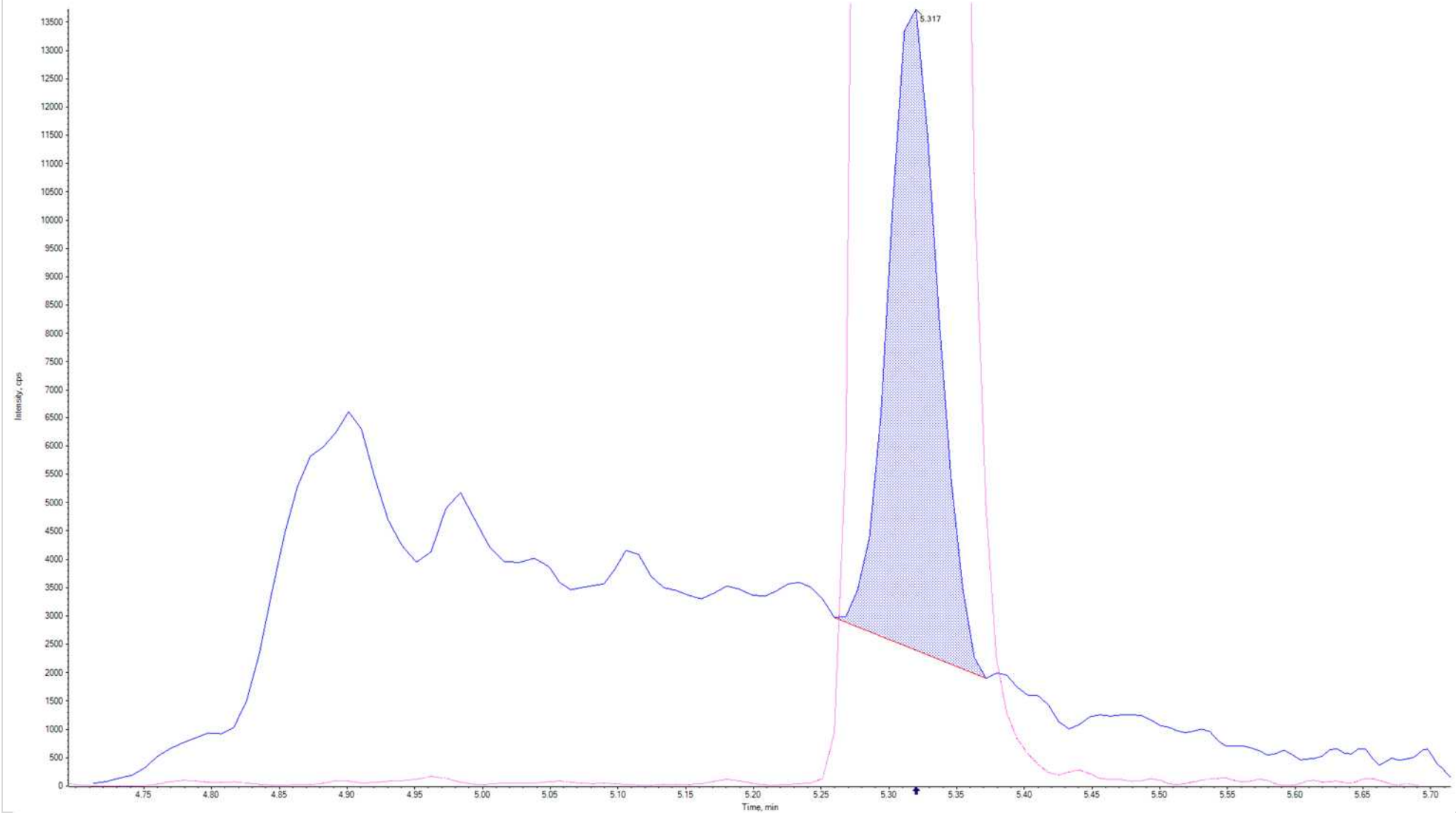
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PFTeDA_2
Sample: IA1633STD-.1 S/N:296.8 Points Across peak:24



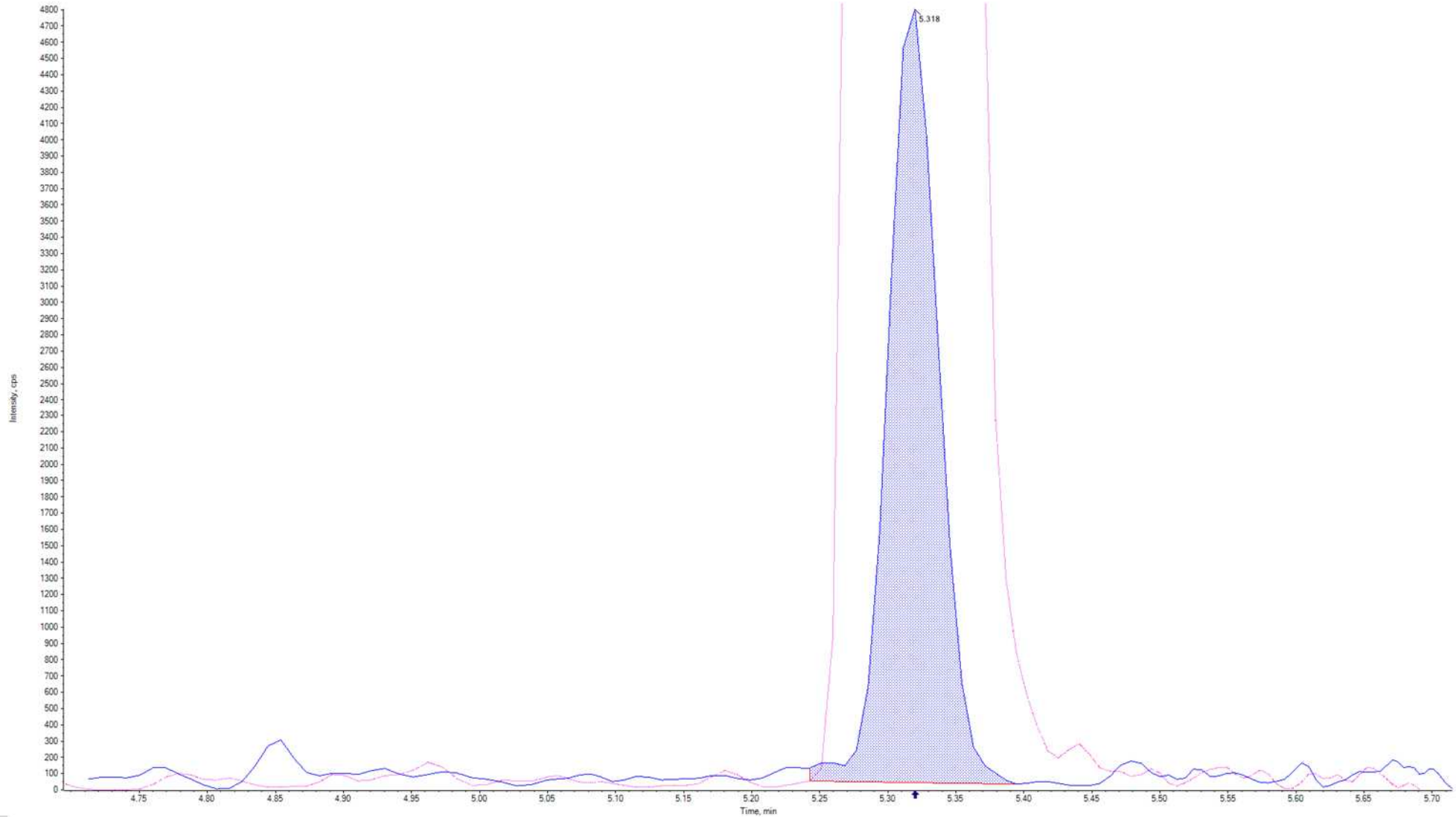
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFBS
Sample: IA1633STD-.1 S/N:33.7 Points Across peak:14



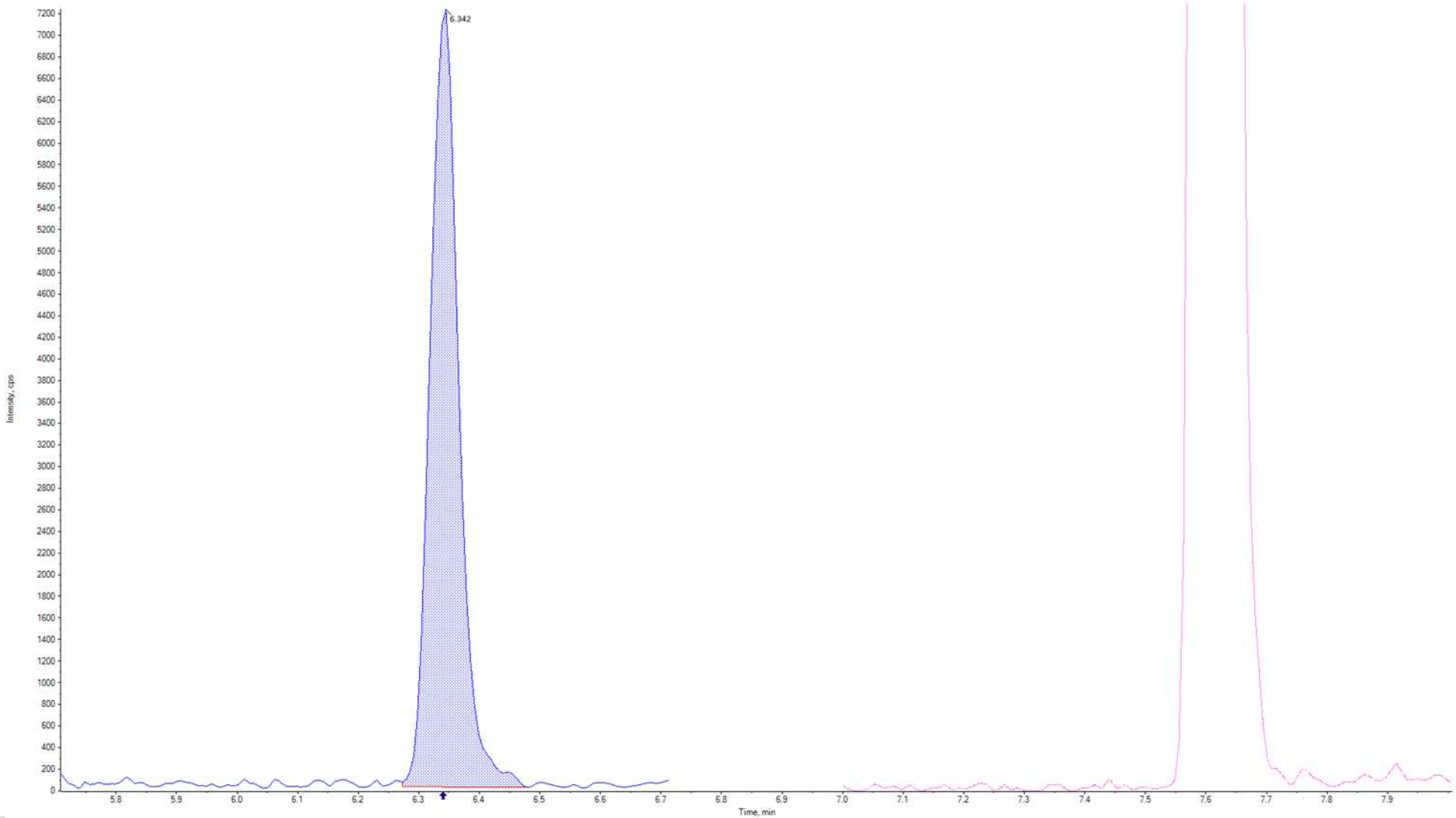
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFBS_2
Sample: IA1633STD-.1 S/N:511.4 Points Across peak:19



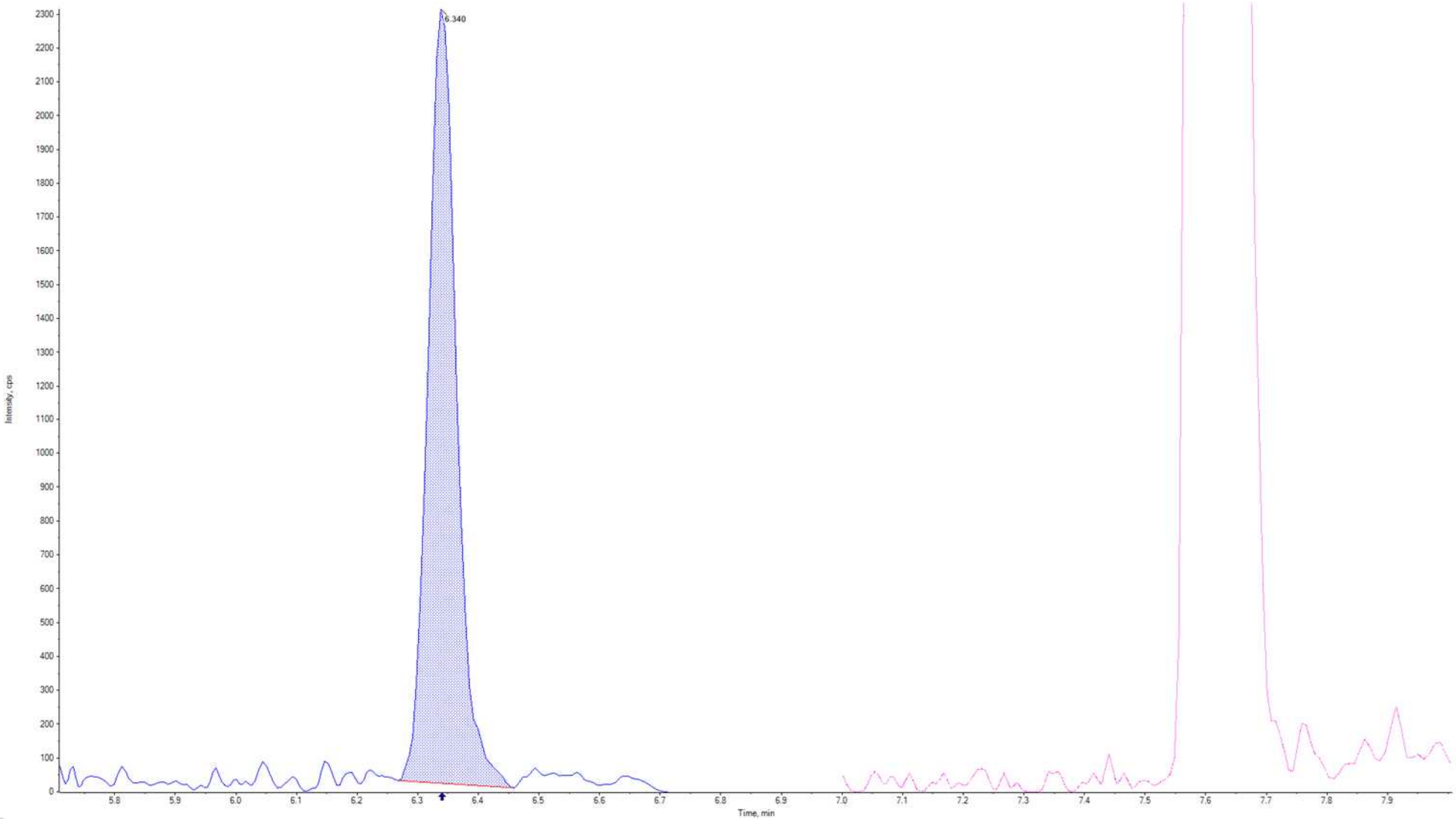
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS
Sample: IA1633STD-.1 S/N:751.2 Points Across peak:32



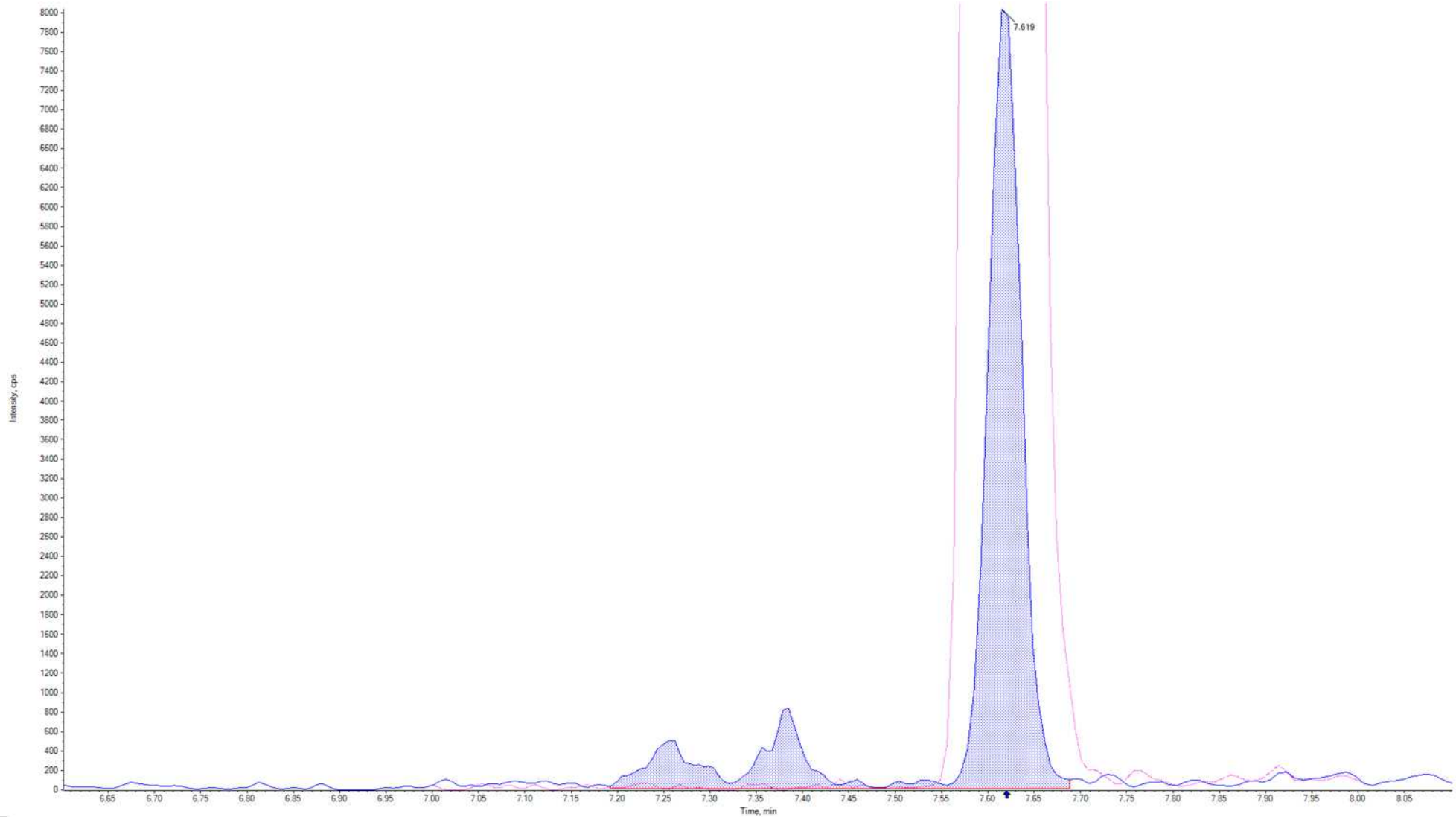
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS_2
Sample: IA1633STD-.1 S/N:1018.7 Points Across peak:30



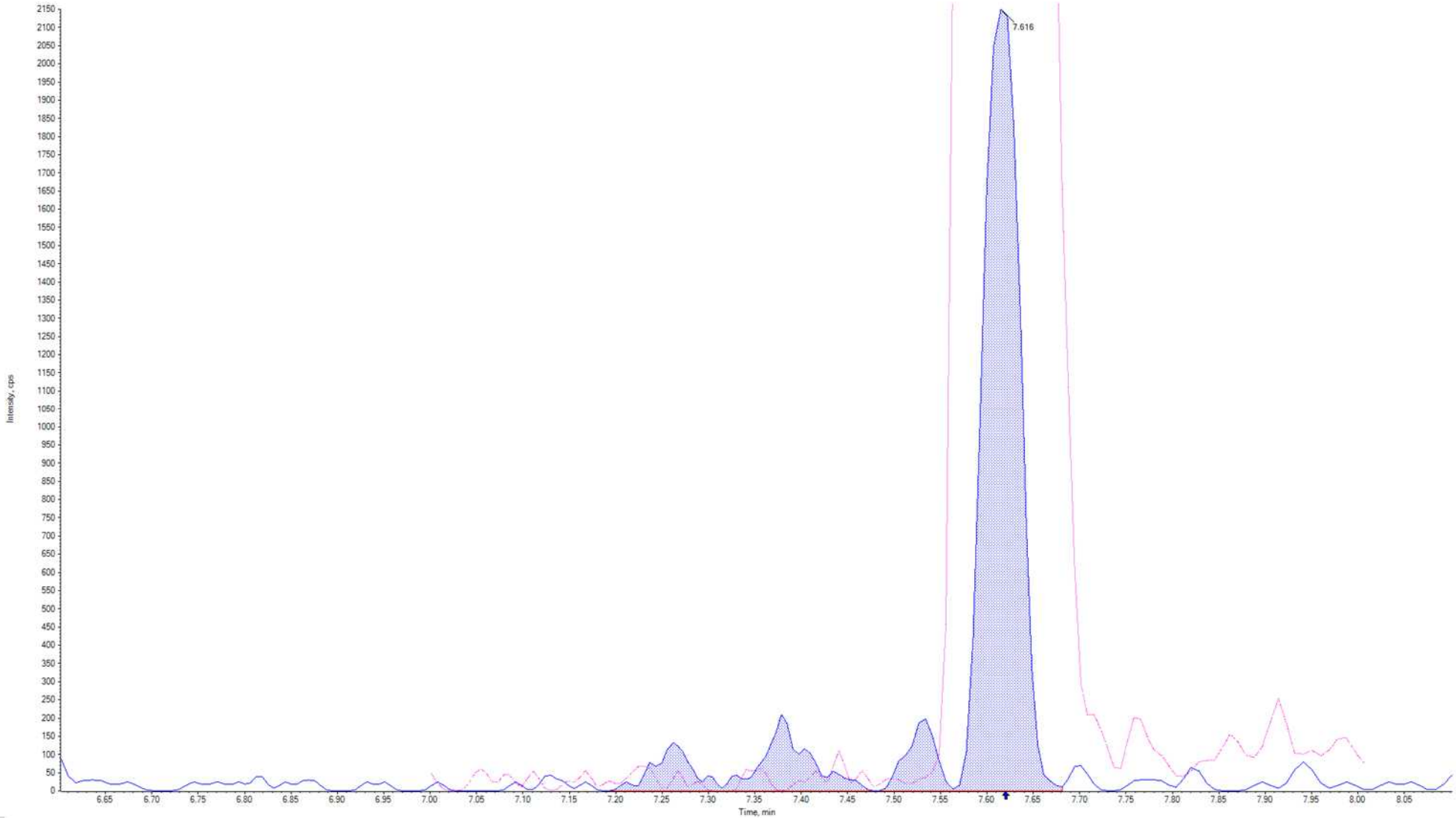
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS
Sample: IA1633STD-.1 S/N:32741.3 Points Across peak:82



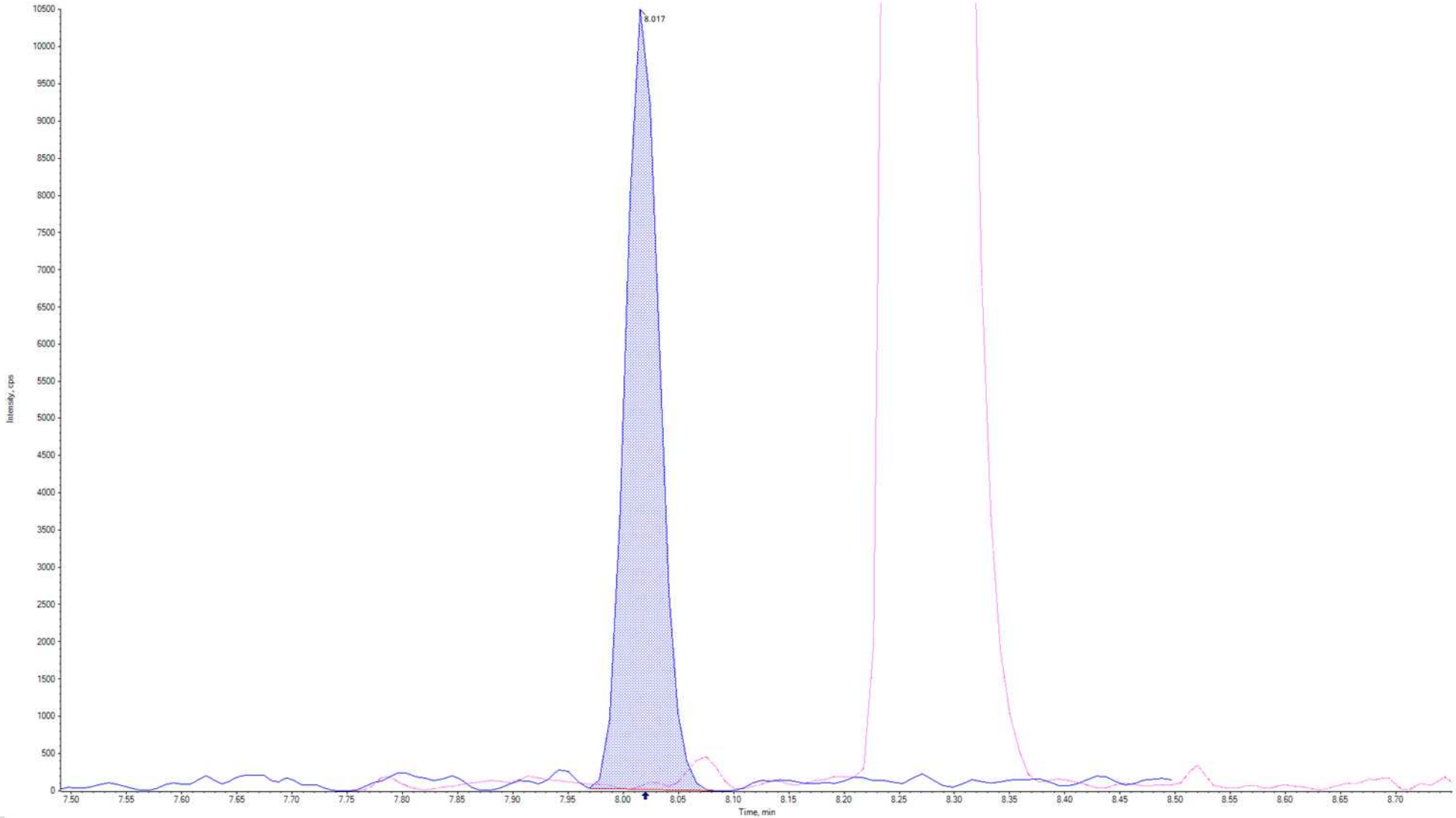
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS_2
Sample: IA1633STD-.1 S/N:100463.6 Points Across peak:81



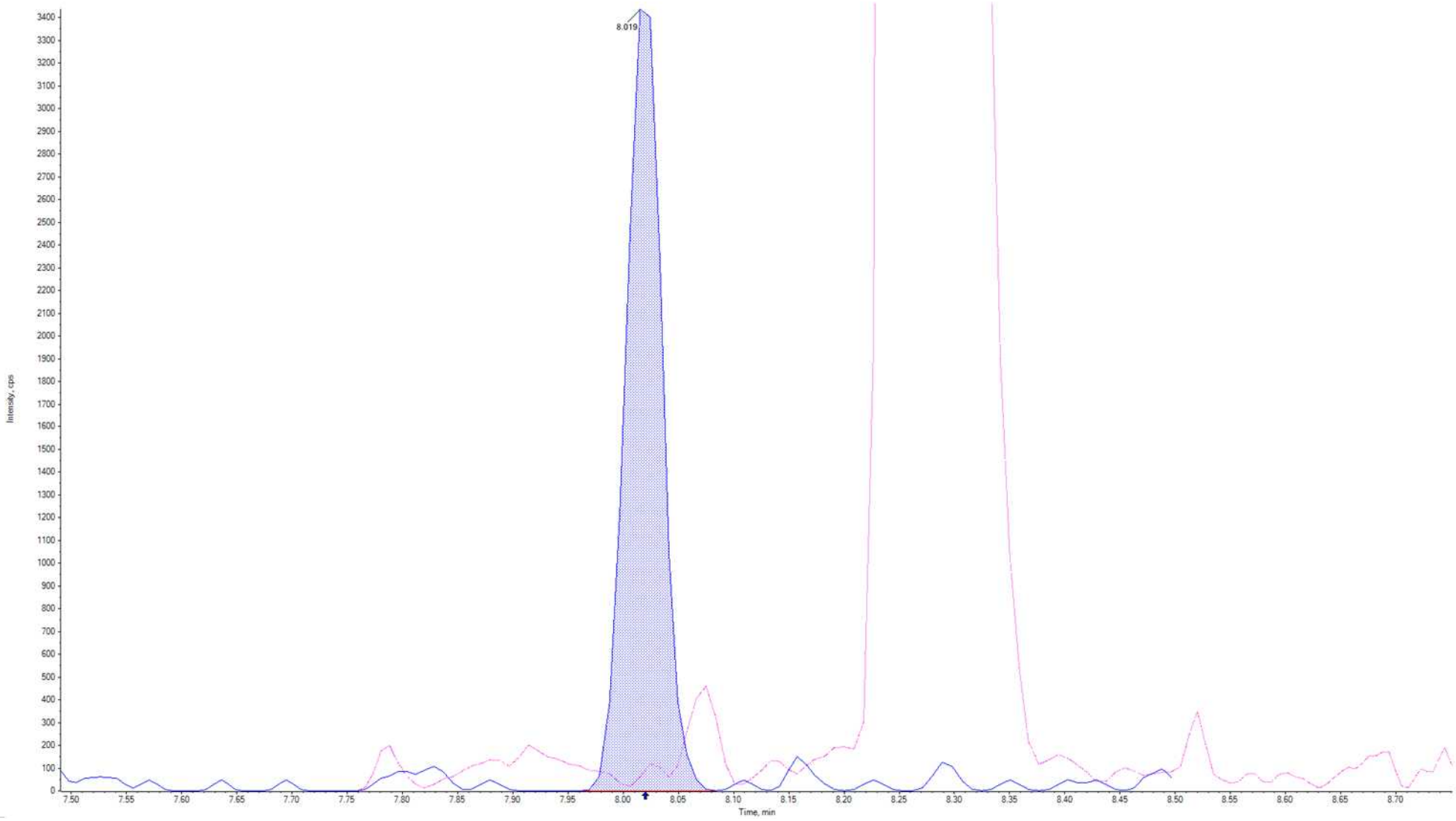
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS
Sample: IA1633STD-.1 S/N:3220.2 Points Across peak:14



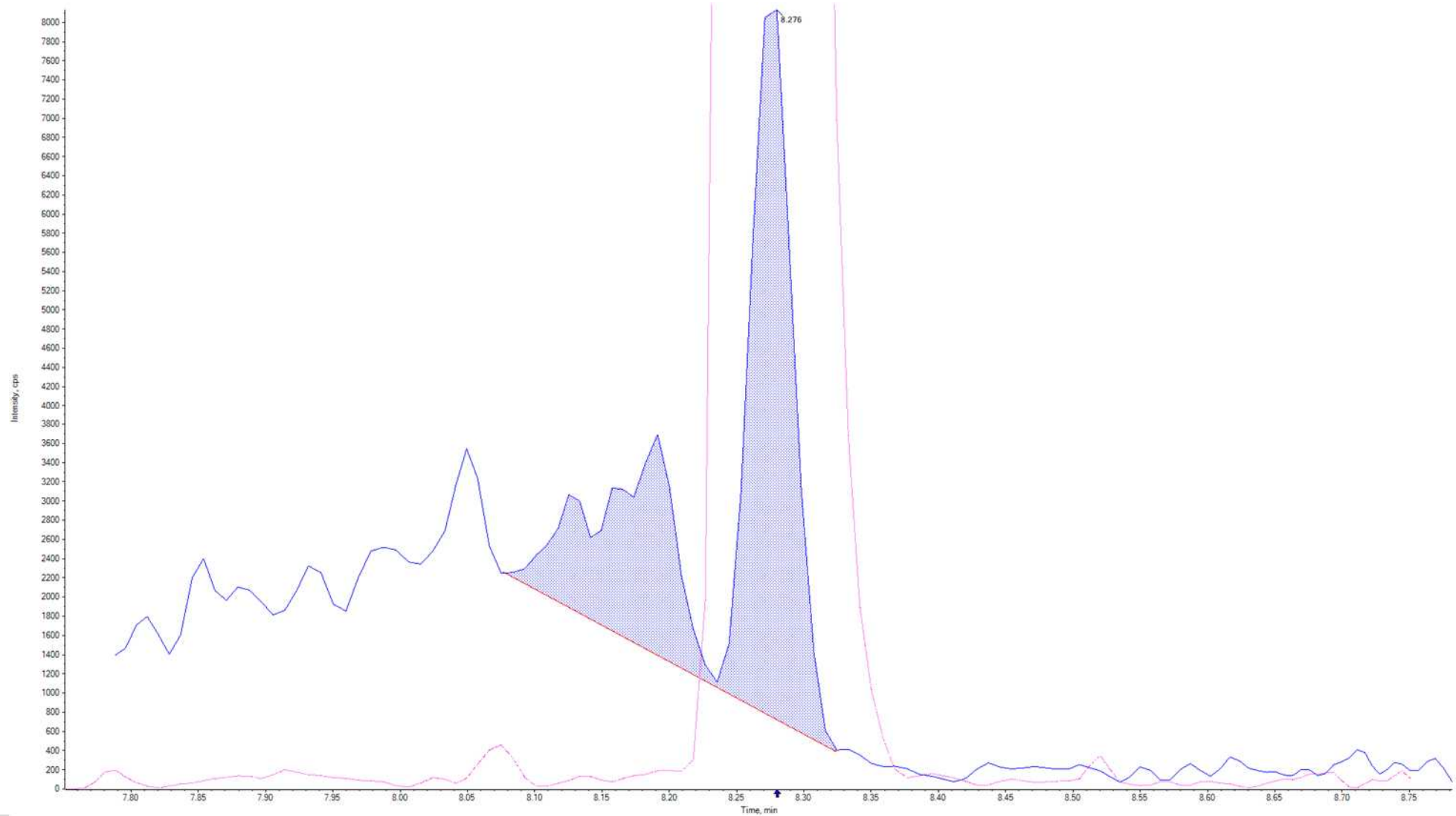
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS_2
Sample: IA1633STD-.1 S/N:744829.2 Points Across peak:16



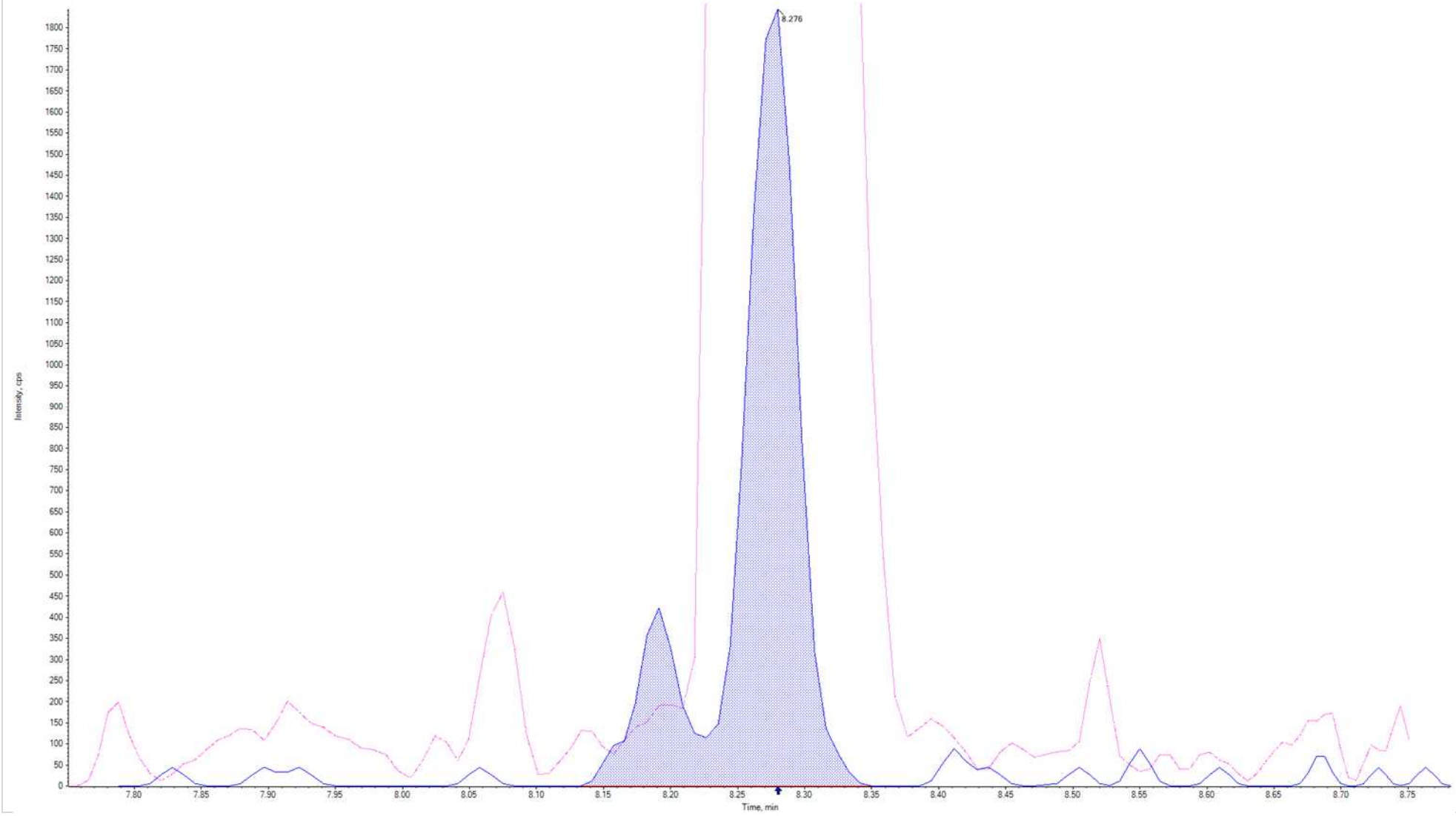
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFOS
Sample: IA1633STD-.1 S/N:180.0 Points Across peak:30



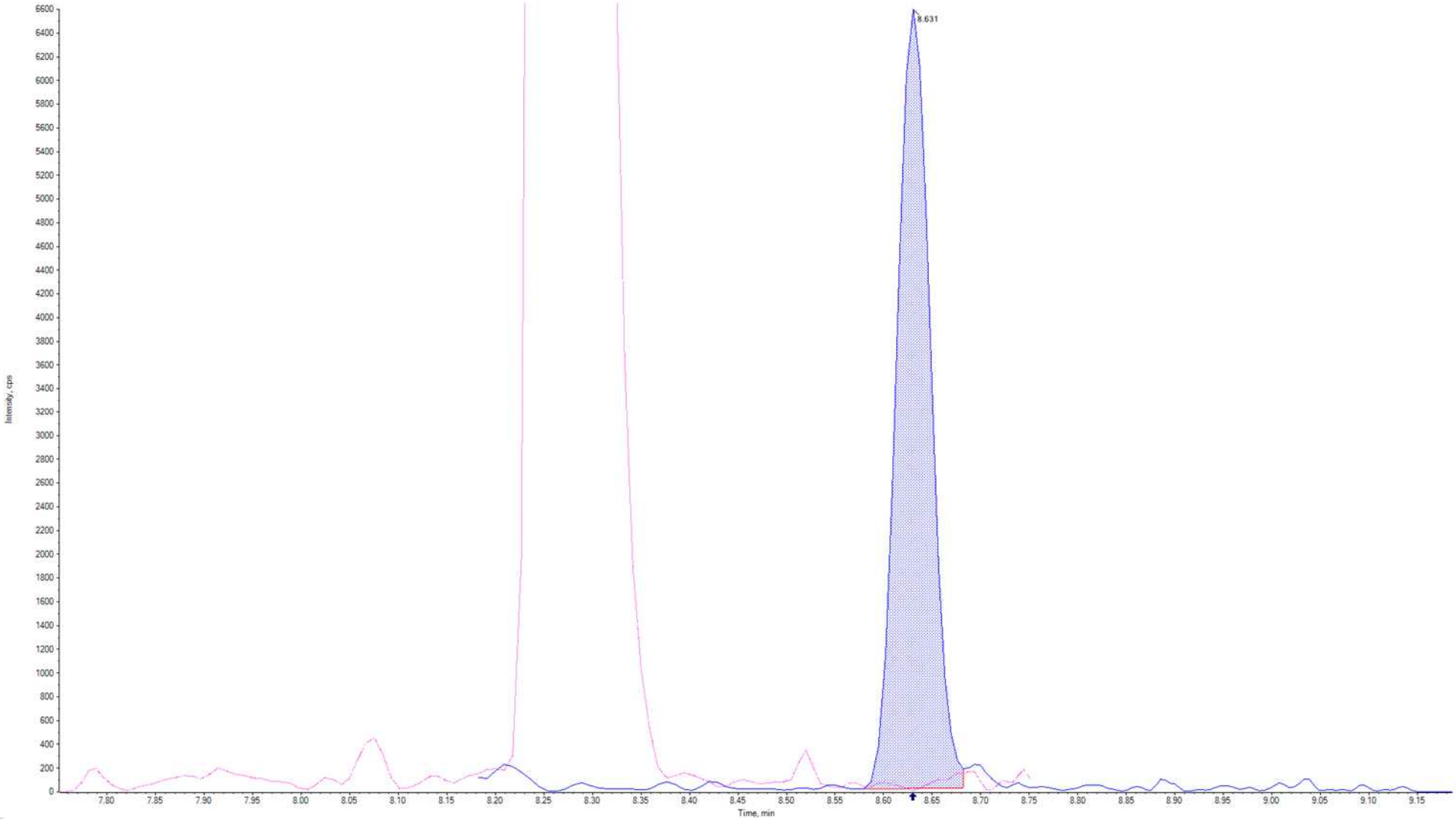
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFOS_2
Sample: IA1633STD-.1 S/N:166.1 Points Across peak:31



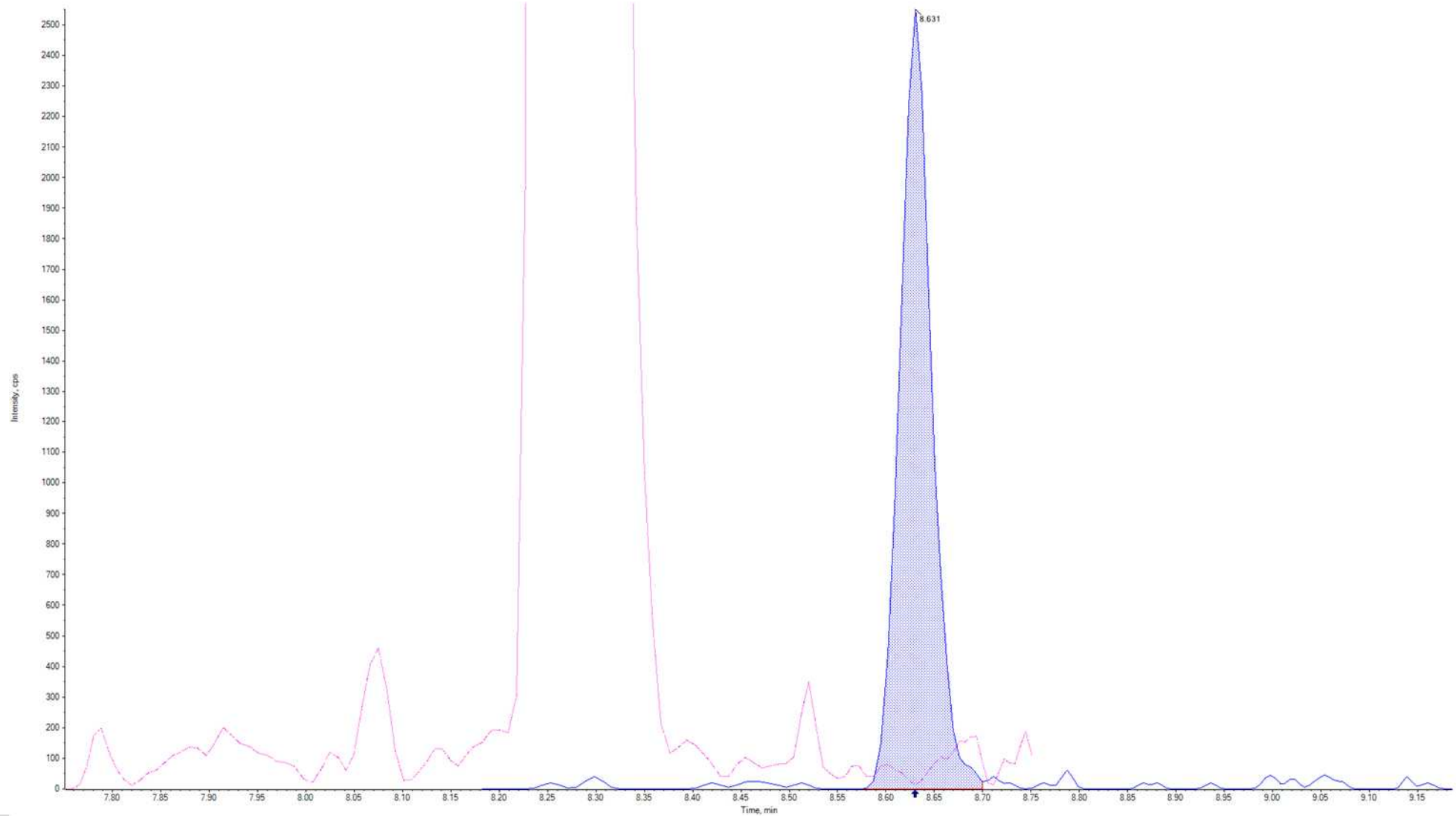
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFNS
Sample: IA1633STD-.1 S/N:346.8 Points Across peak:16



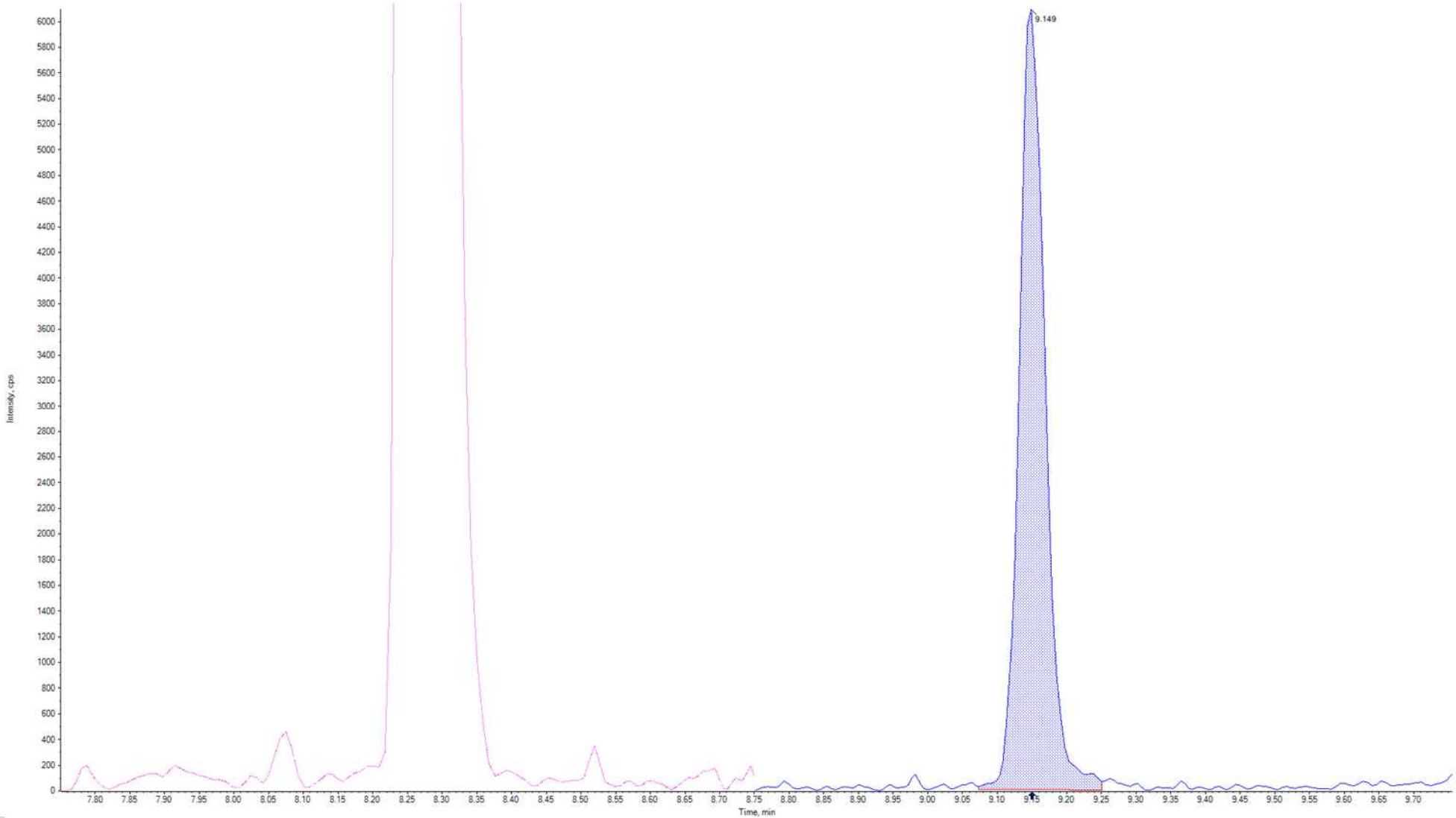
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFNS_2
Sample: IA1633STD-.1 S/N:352.3 Points Across peak:21



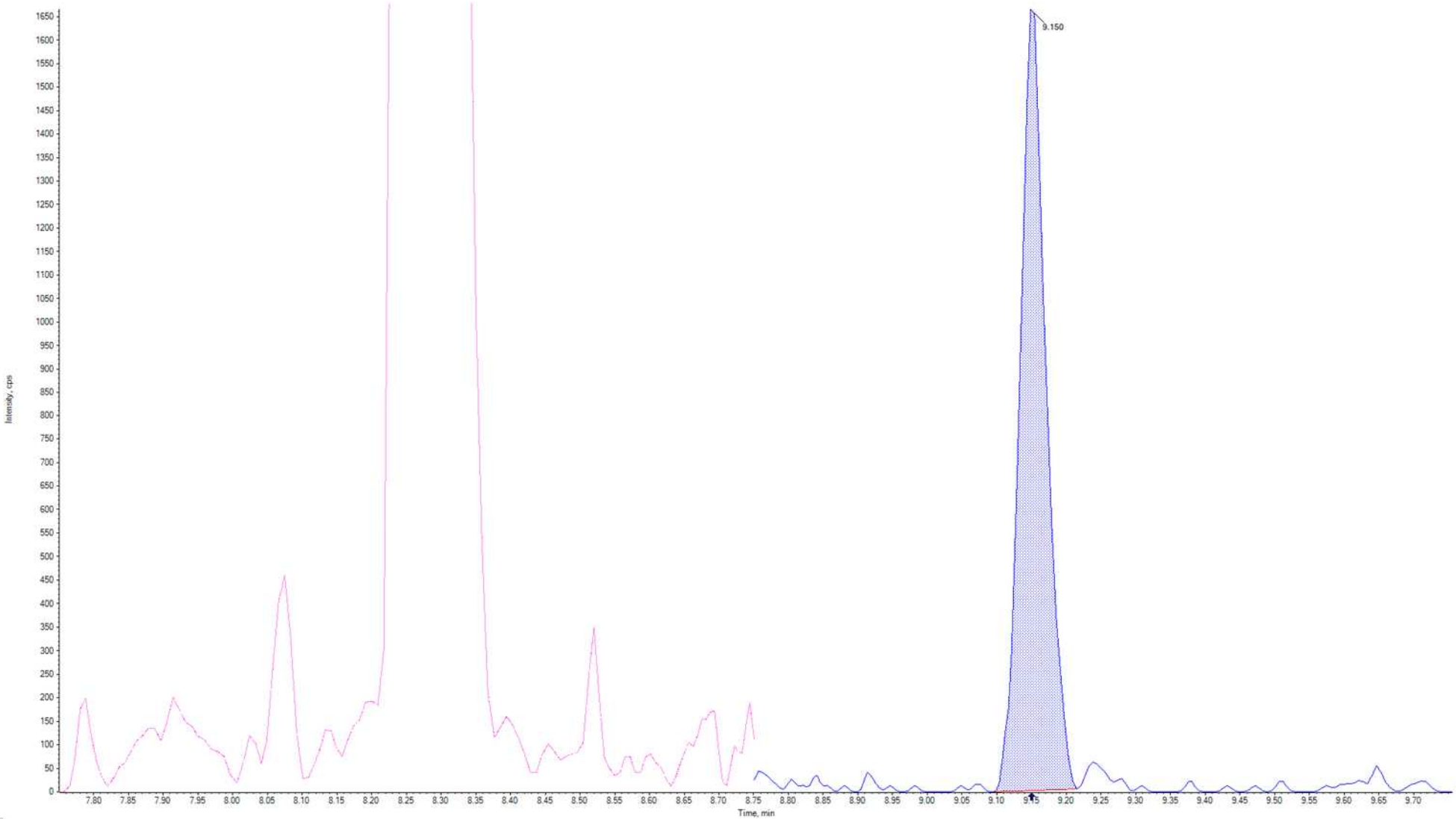
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFDS
Sample: IA1633STD-.1 S/N:1464.7 Points Across peak:35



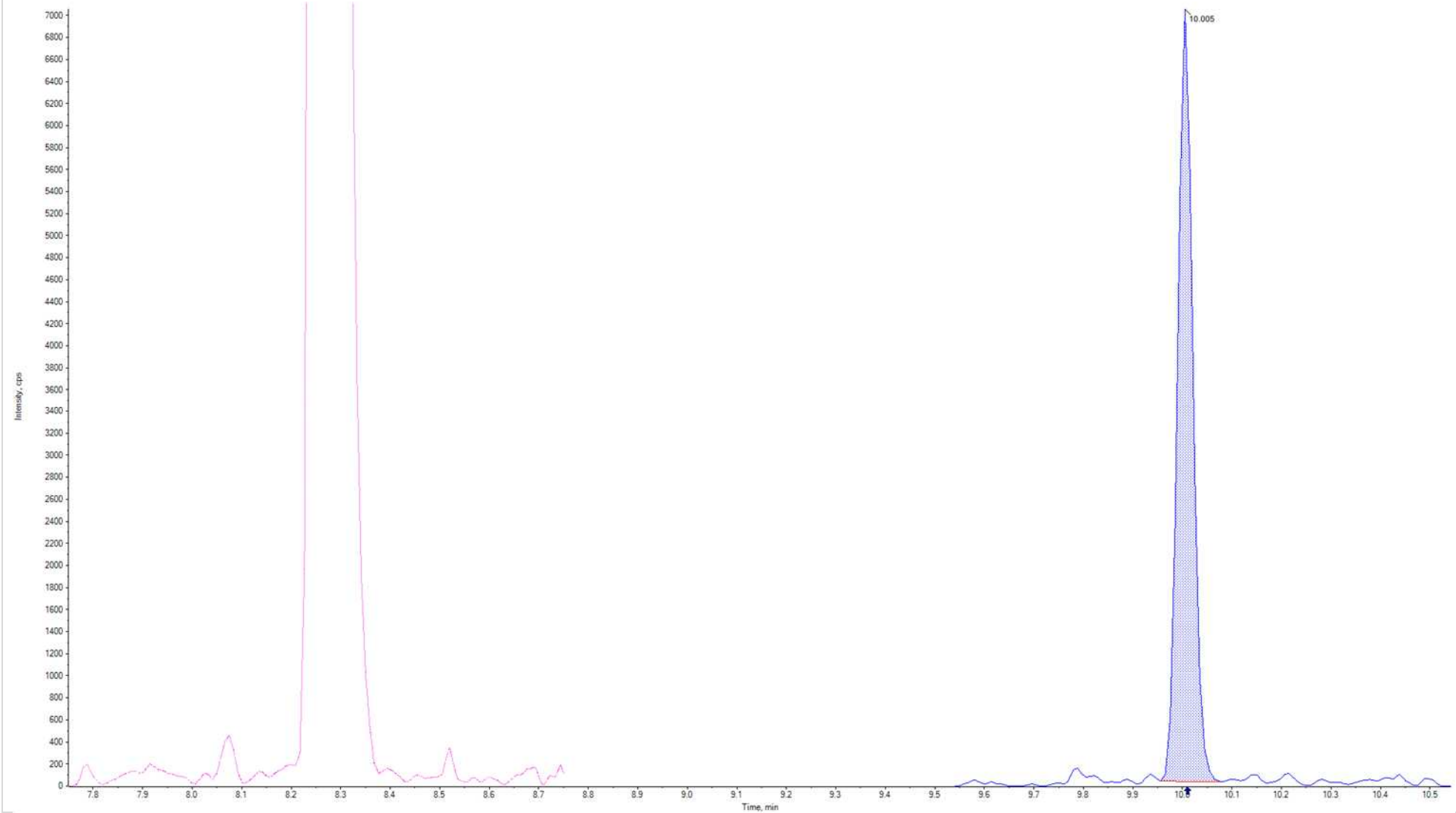
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFDS_2
Sample: IA1633STD-.1 S/N:2138863.8 Points Across peak:24



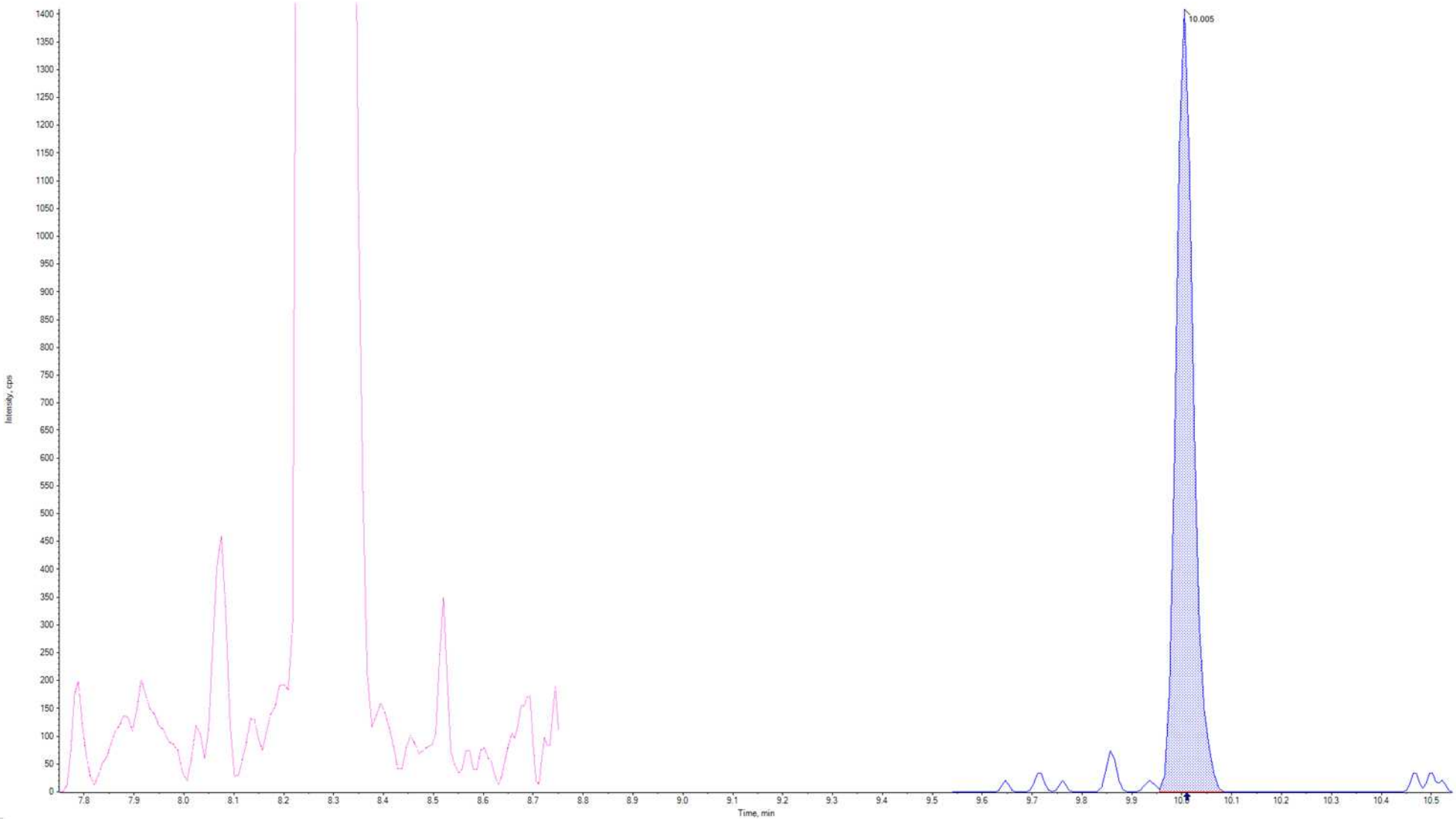
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS
Sample: IA1633STD-.1 S/N:28946.3 Points Across peak:13



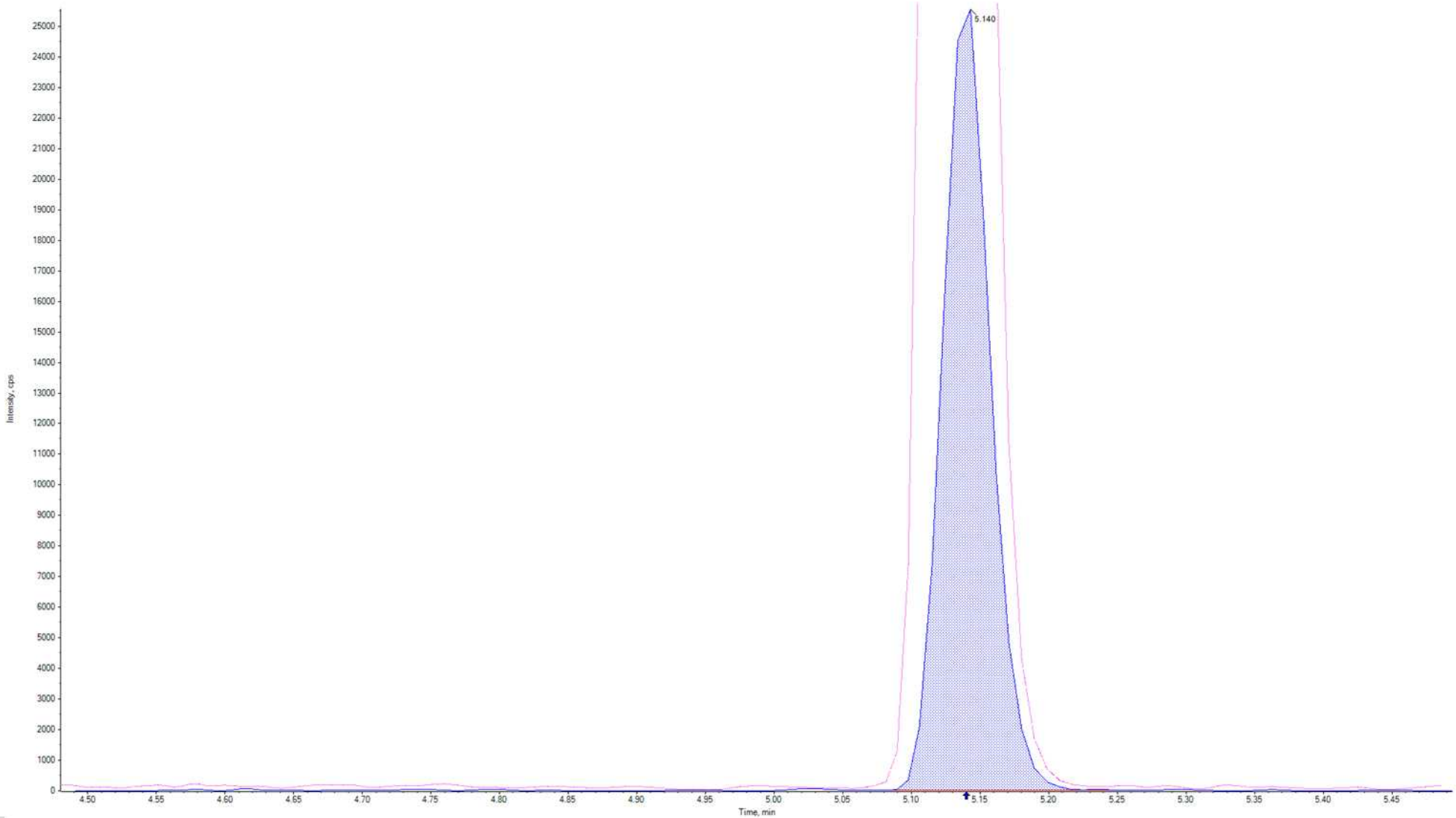
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS_2
Sample: IA1633STD-.1 S/N:1454.1 Points Across peak:16



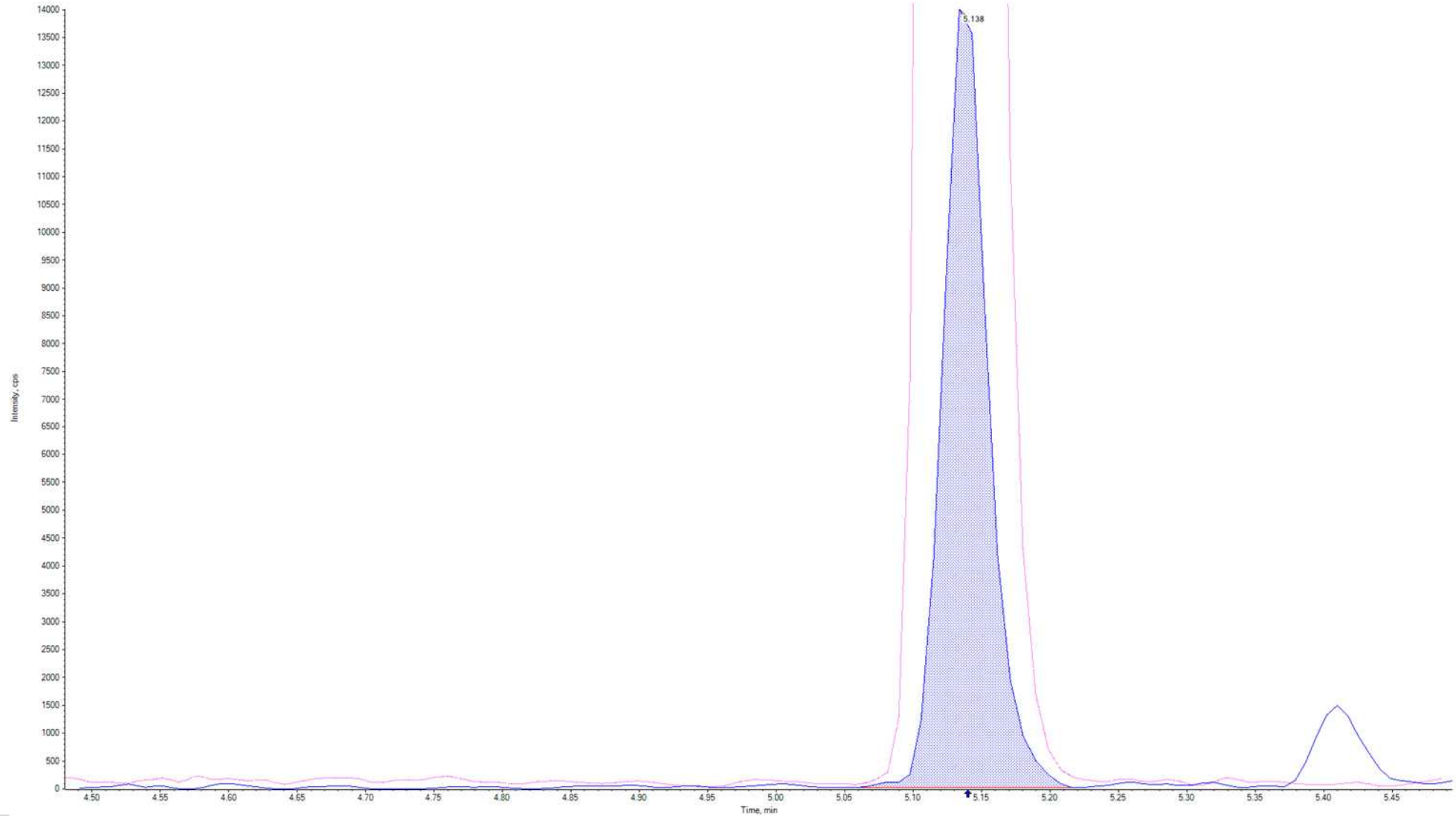
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS
Sample: IA1633STD-.1 S/N:933.4 Points Across peak:21



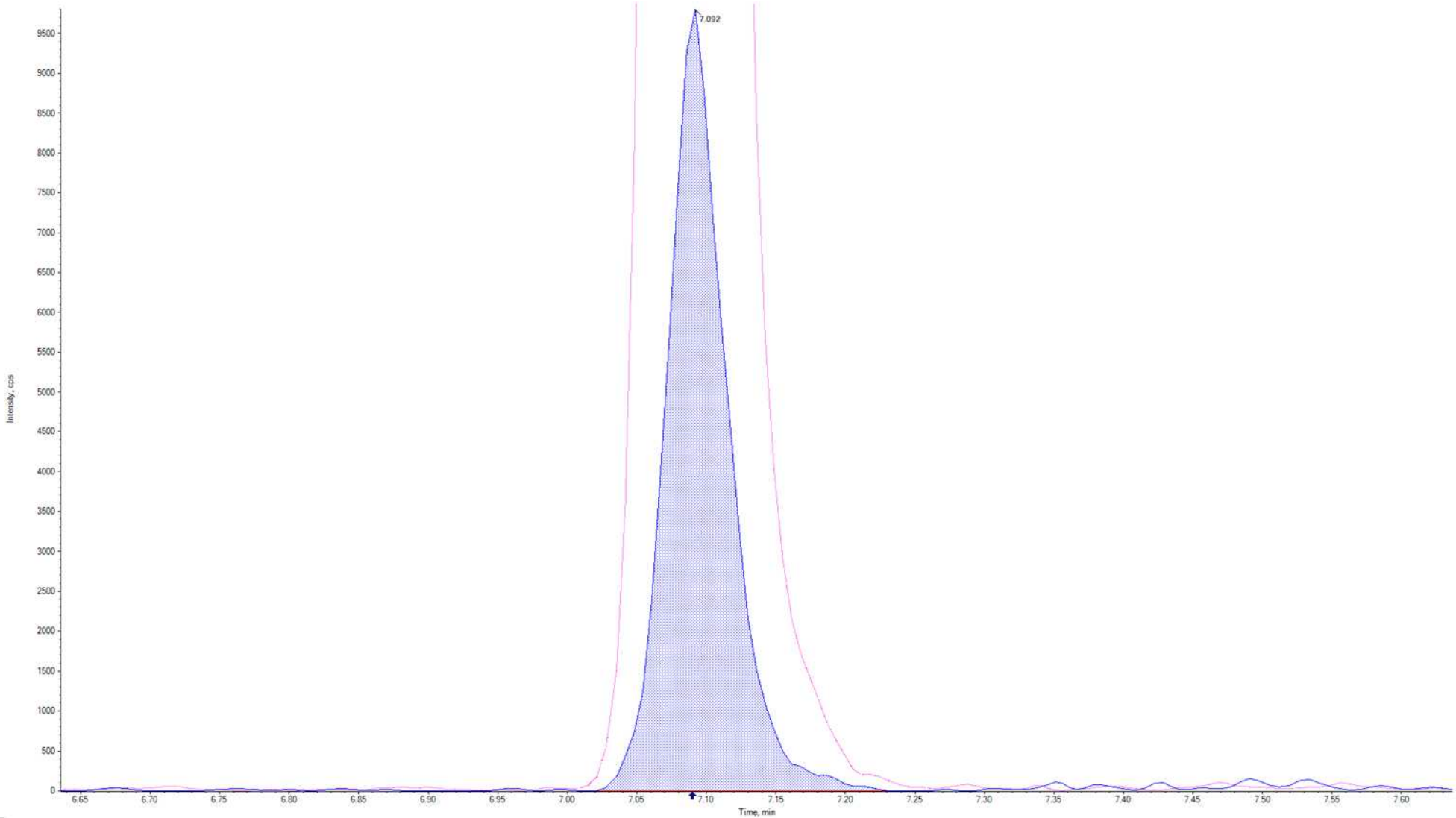
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS_2
Sample: IA1633STD-.1 S/N:5252.7 Points Across peak:20



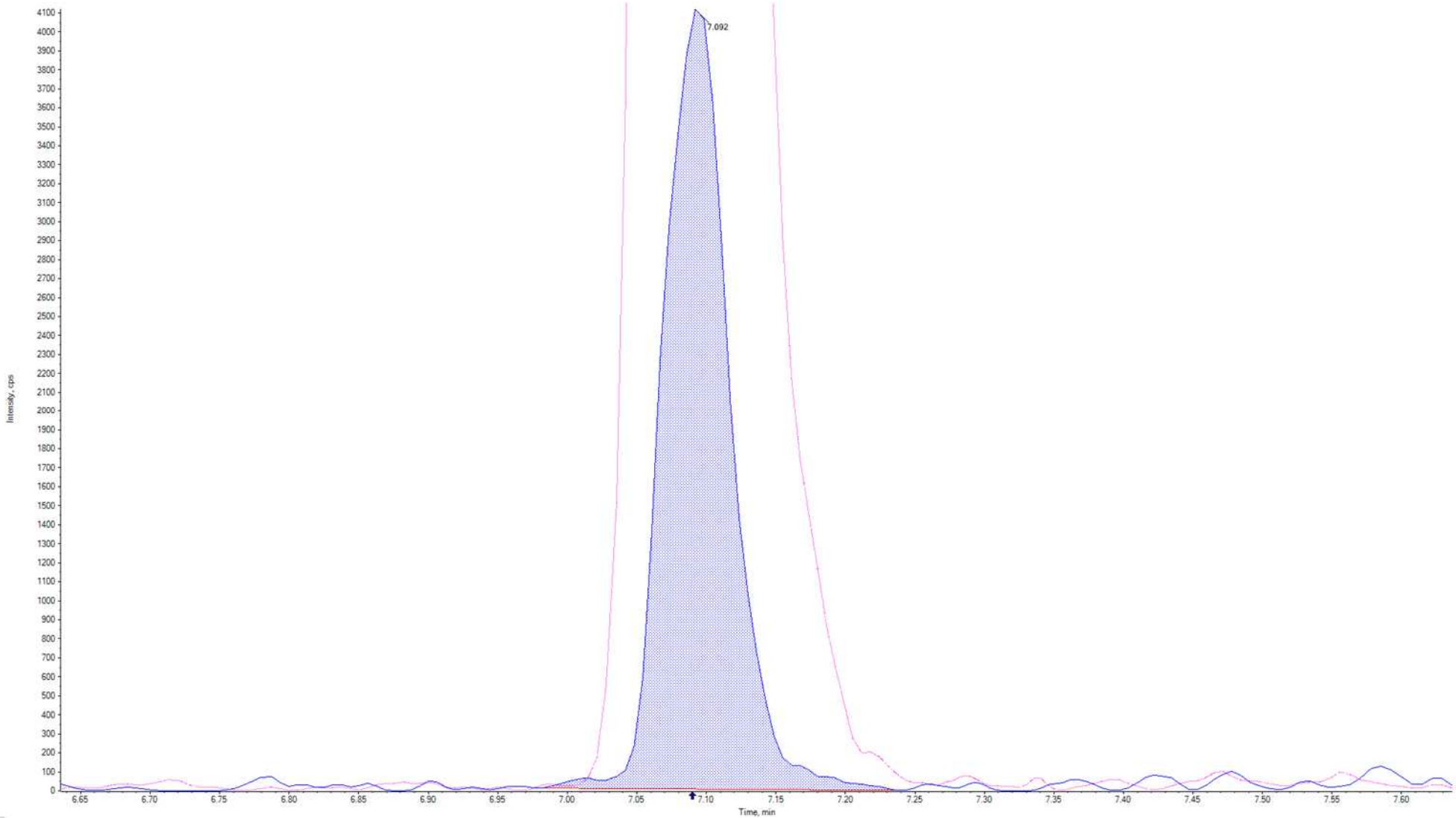
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS
Sample: IA1633STD-.1 S/N:5755122.8 Points Across peak:37



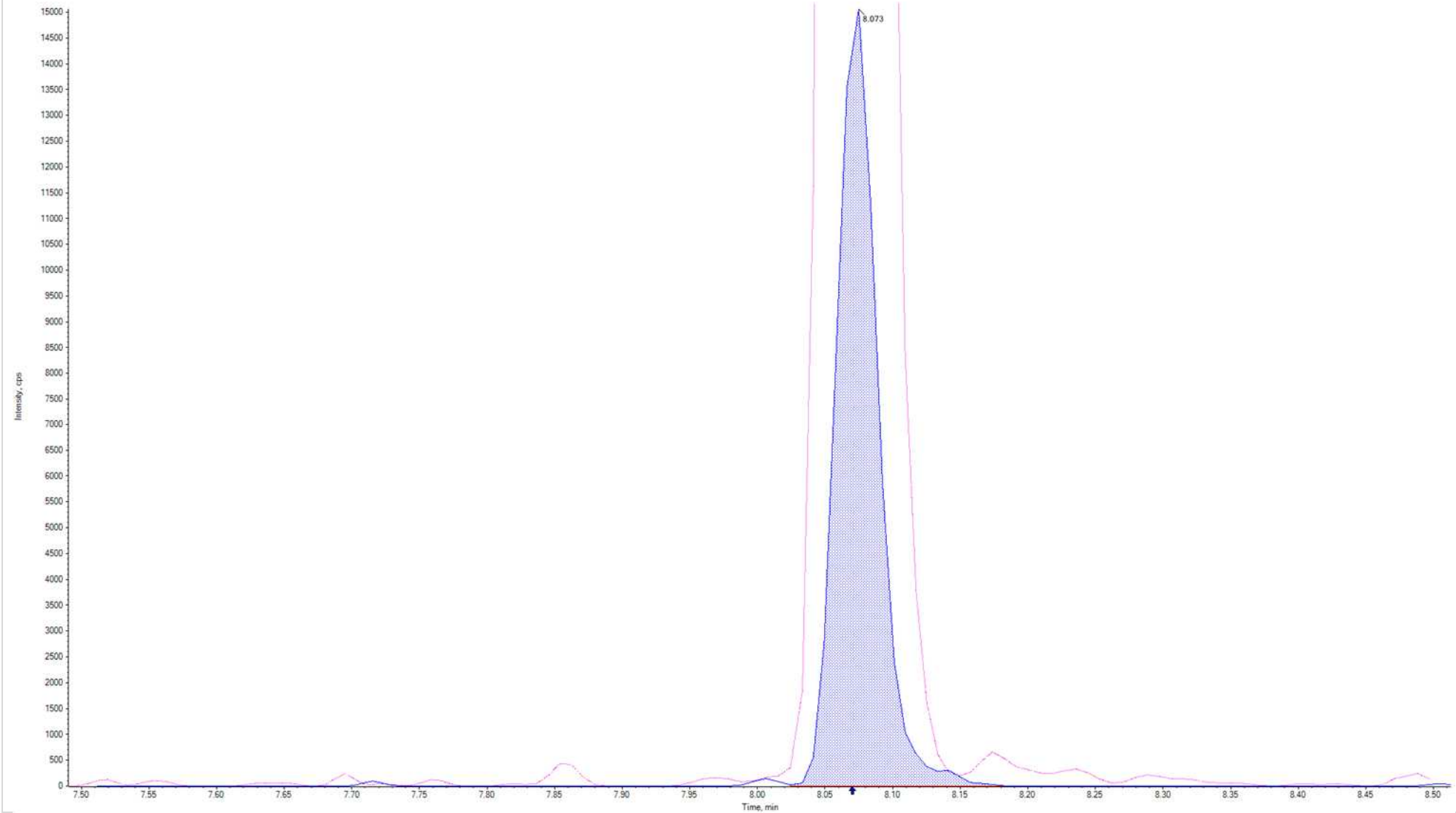
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS_2
Sample: IA1633STD-.1 S/N:18957.3 Points Across peak:42



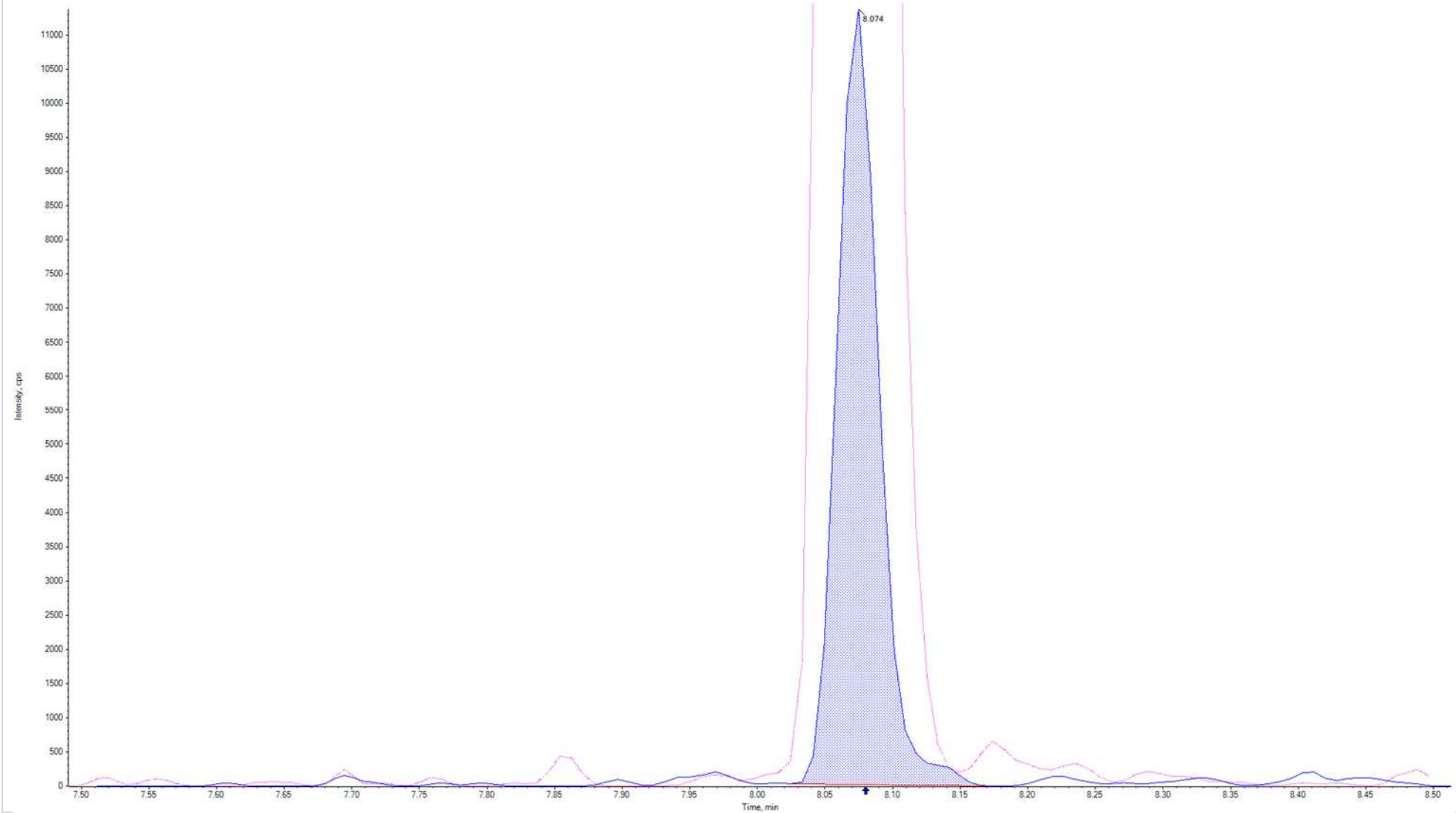
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS
Sample: IA1633STD-.1 S/N:1120.0 Points Across peak:26



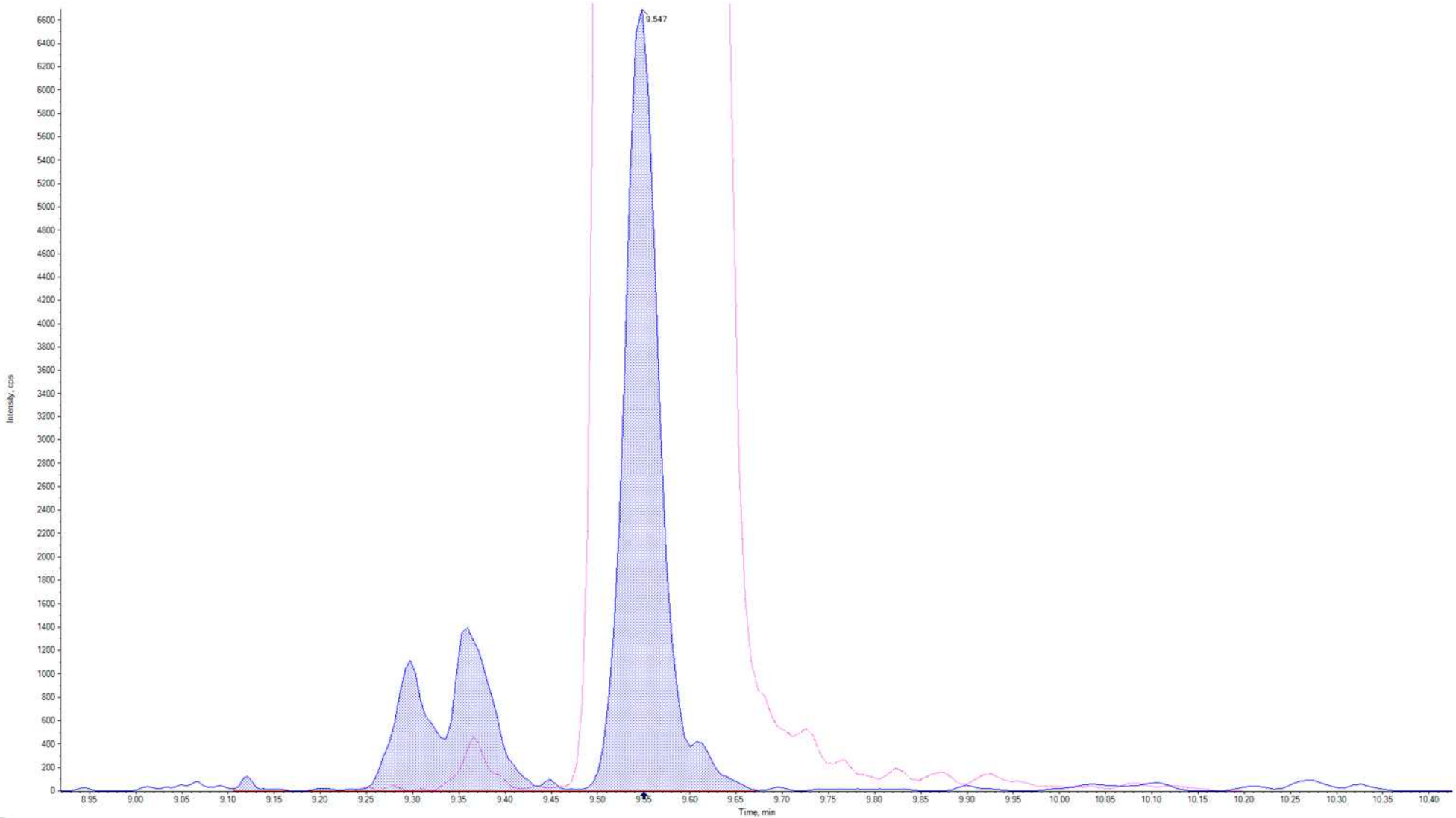
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS_2
Sample: IA1633STD-.1 S/N:466.5 Points Across peak:19



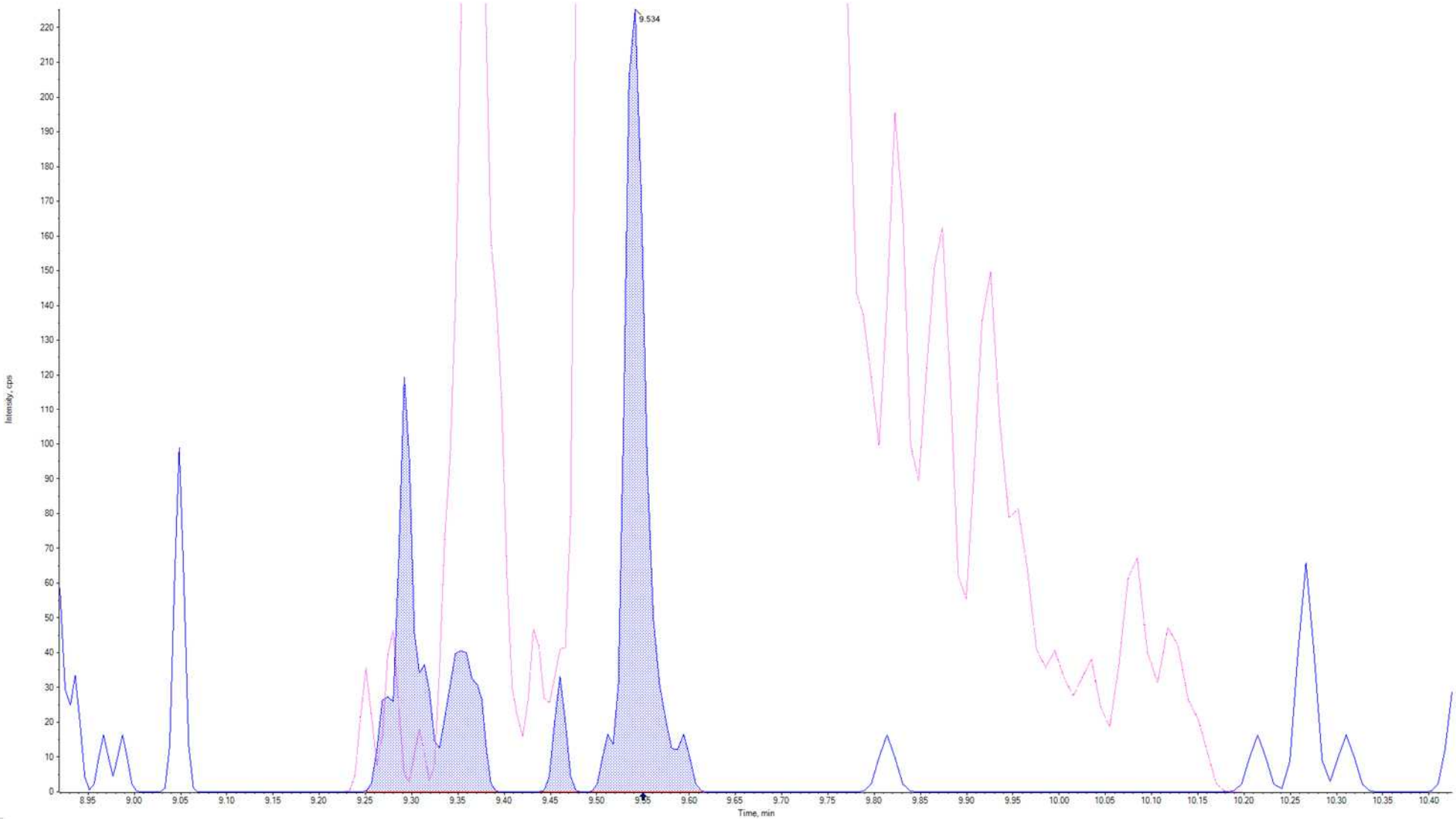
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA
Sample: IA1633STD-.1 S/N:479.8 Points Across peak:99



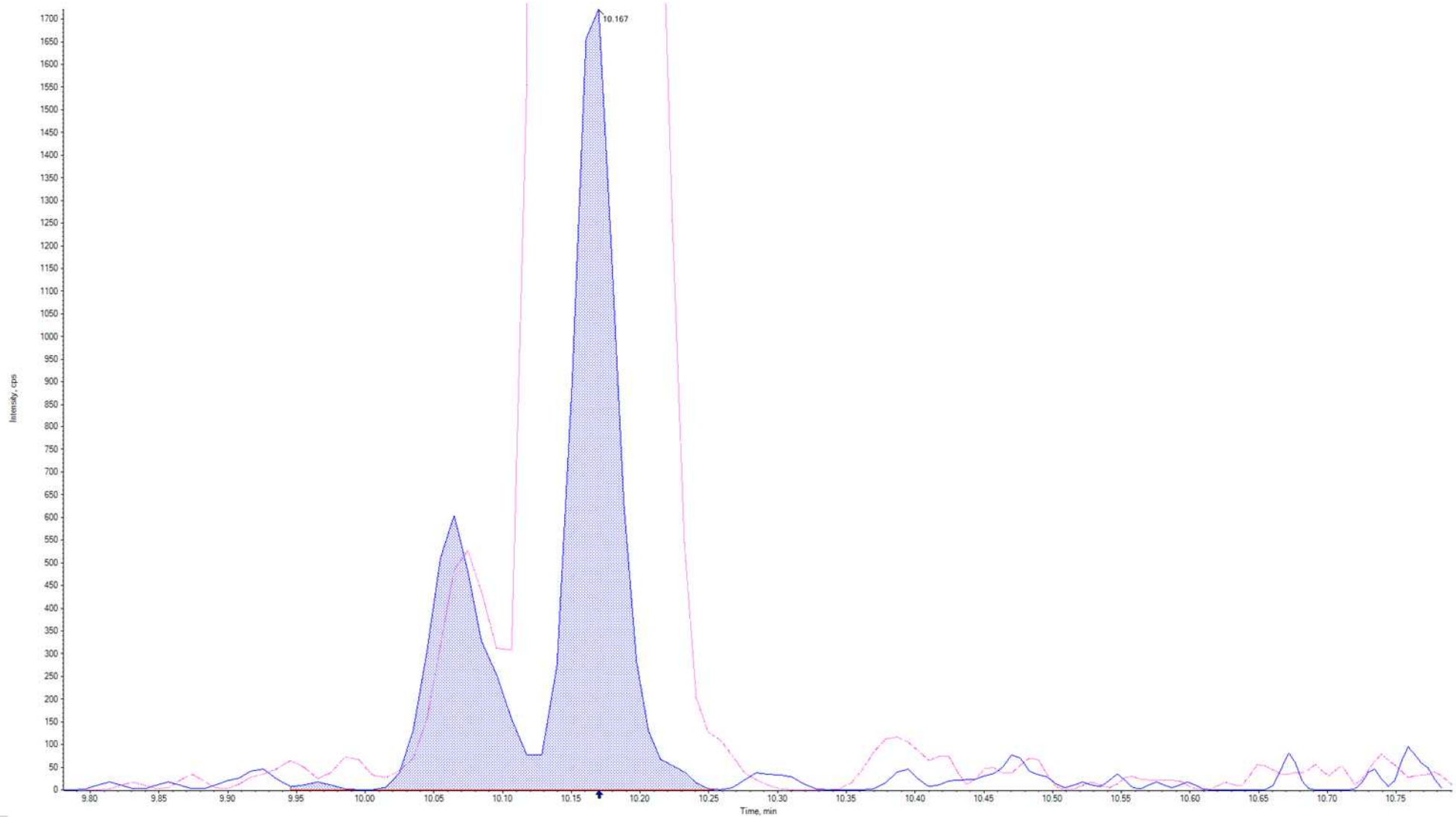
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA_2
Sample: IA1633STD-.1 S/N:1643.3 Points Across peak:64



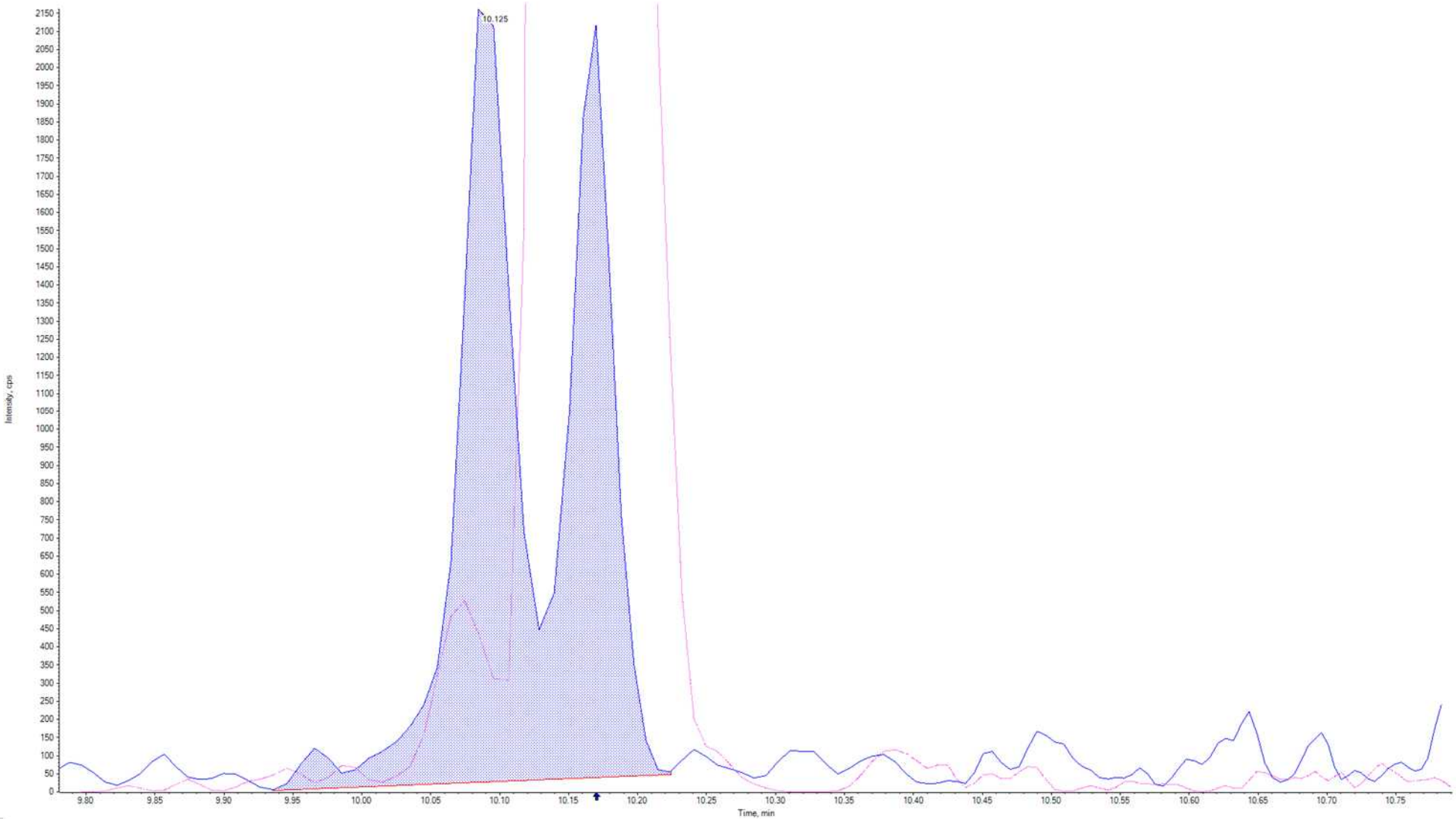
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA
Sample: IA1633STD-.1 S/N:598554.5 Points Across peak:34



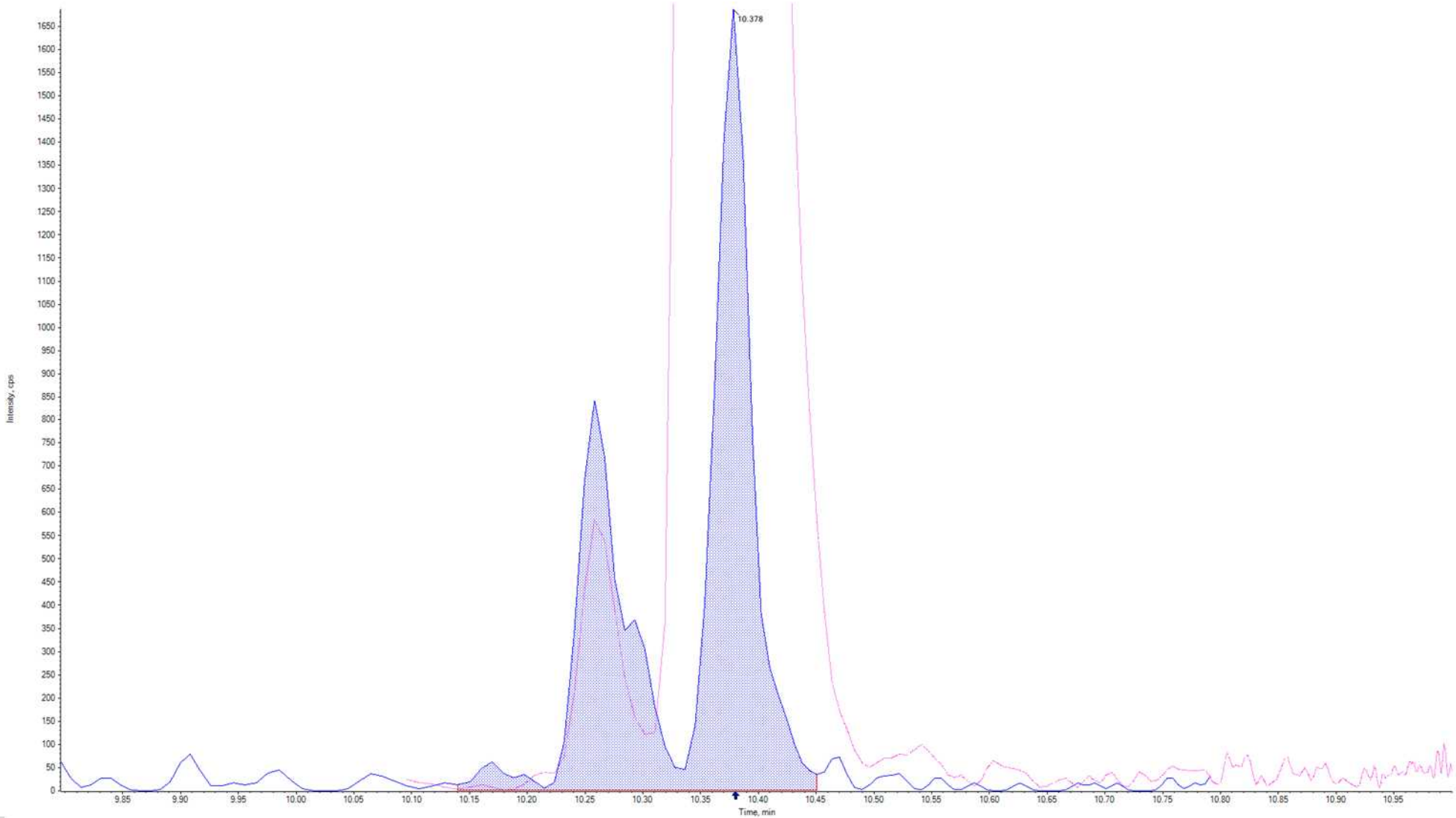
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA_2
Sample: IA1633STD-.1 S/N:182.7 Points Across peak:32



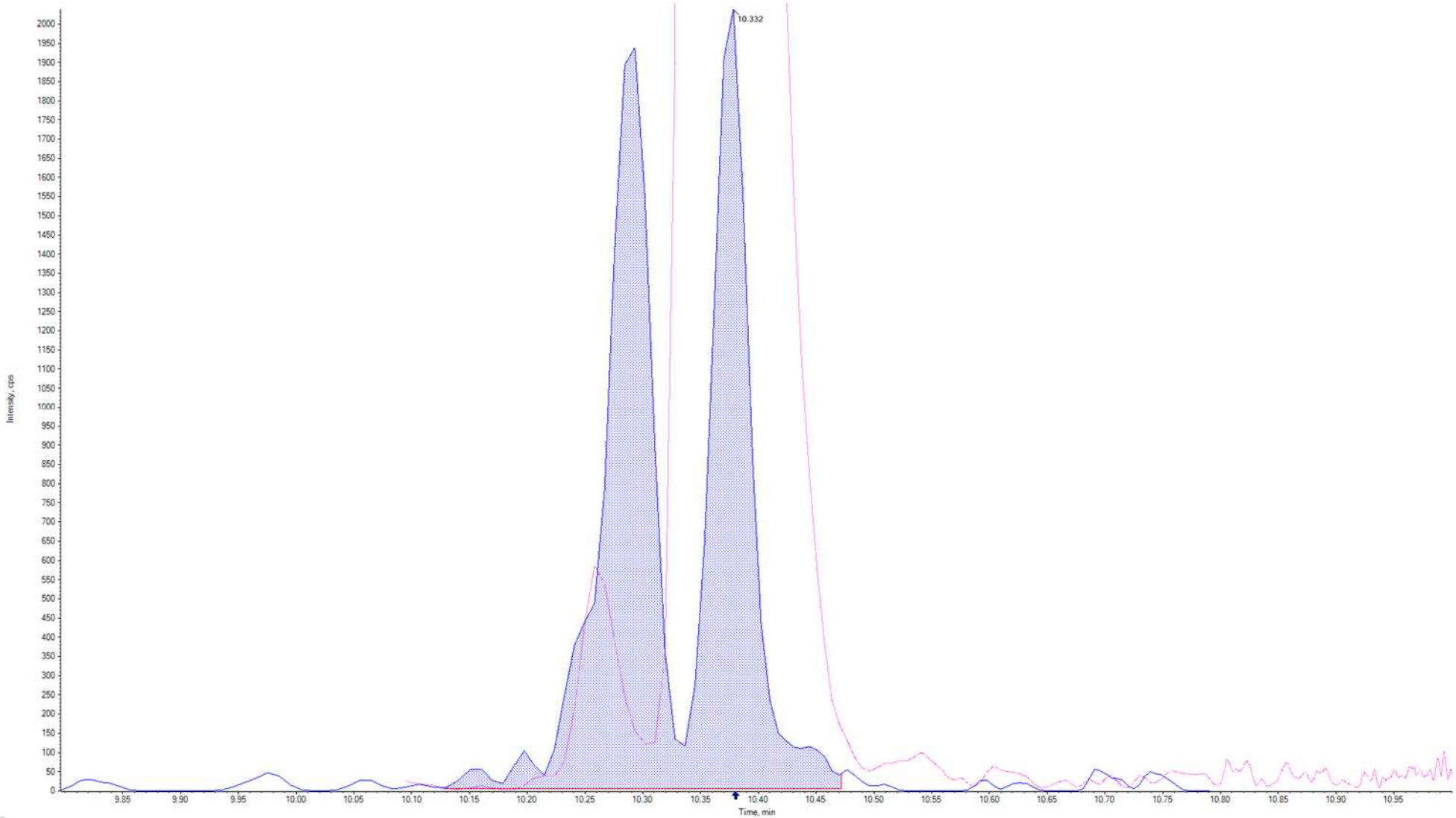
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA
Sample: IA1633STD-.1 S/N:8148.5 Points Across peak:39



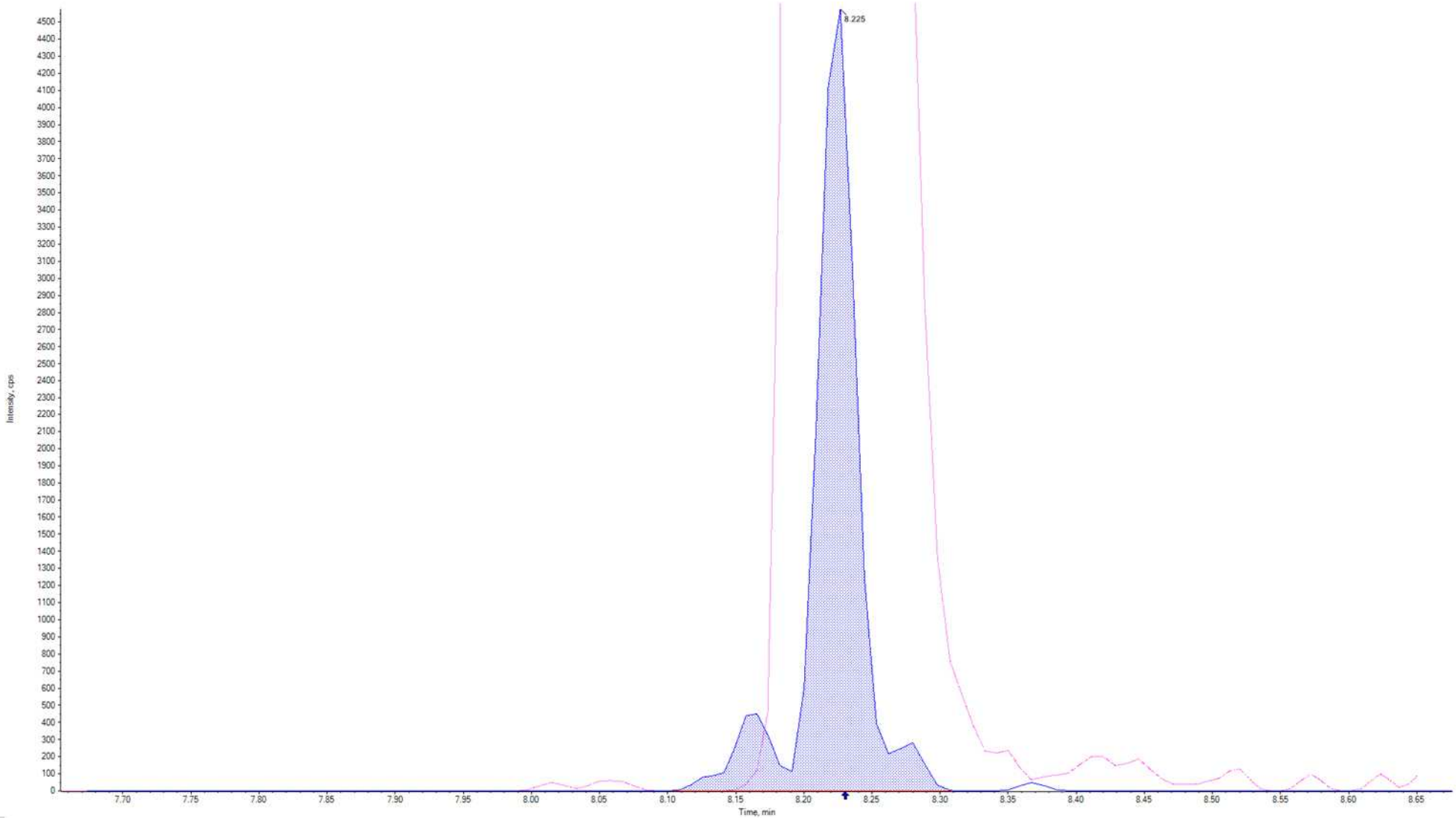
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA_2
Sample: IA1633STD-.1 S/N:171.8 Points Across peak:44



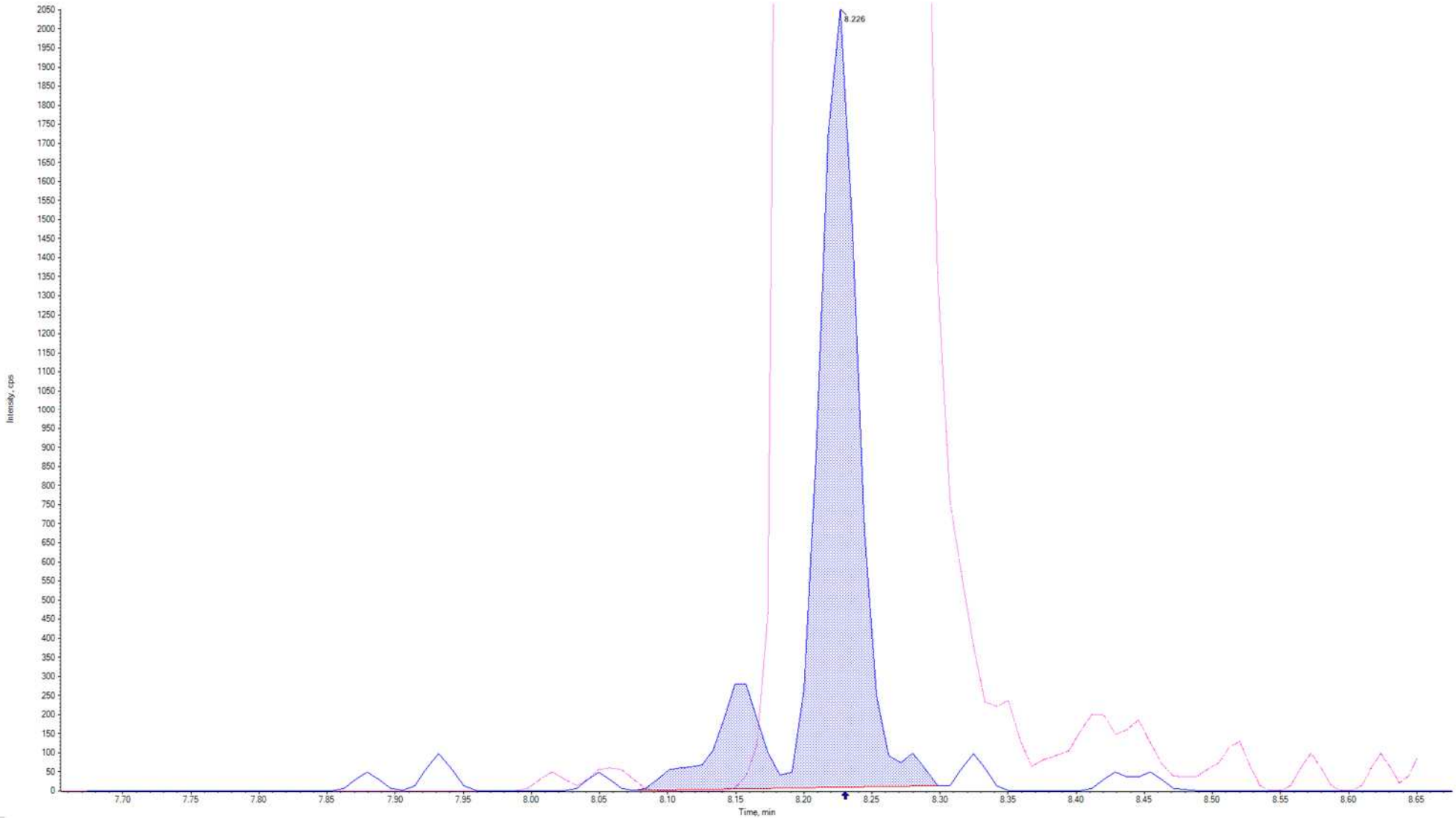
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA
Sample: IA1633STD-.1 S/N:29422.4 Points Across peak:27



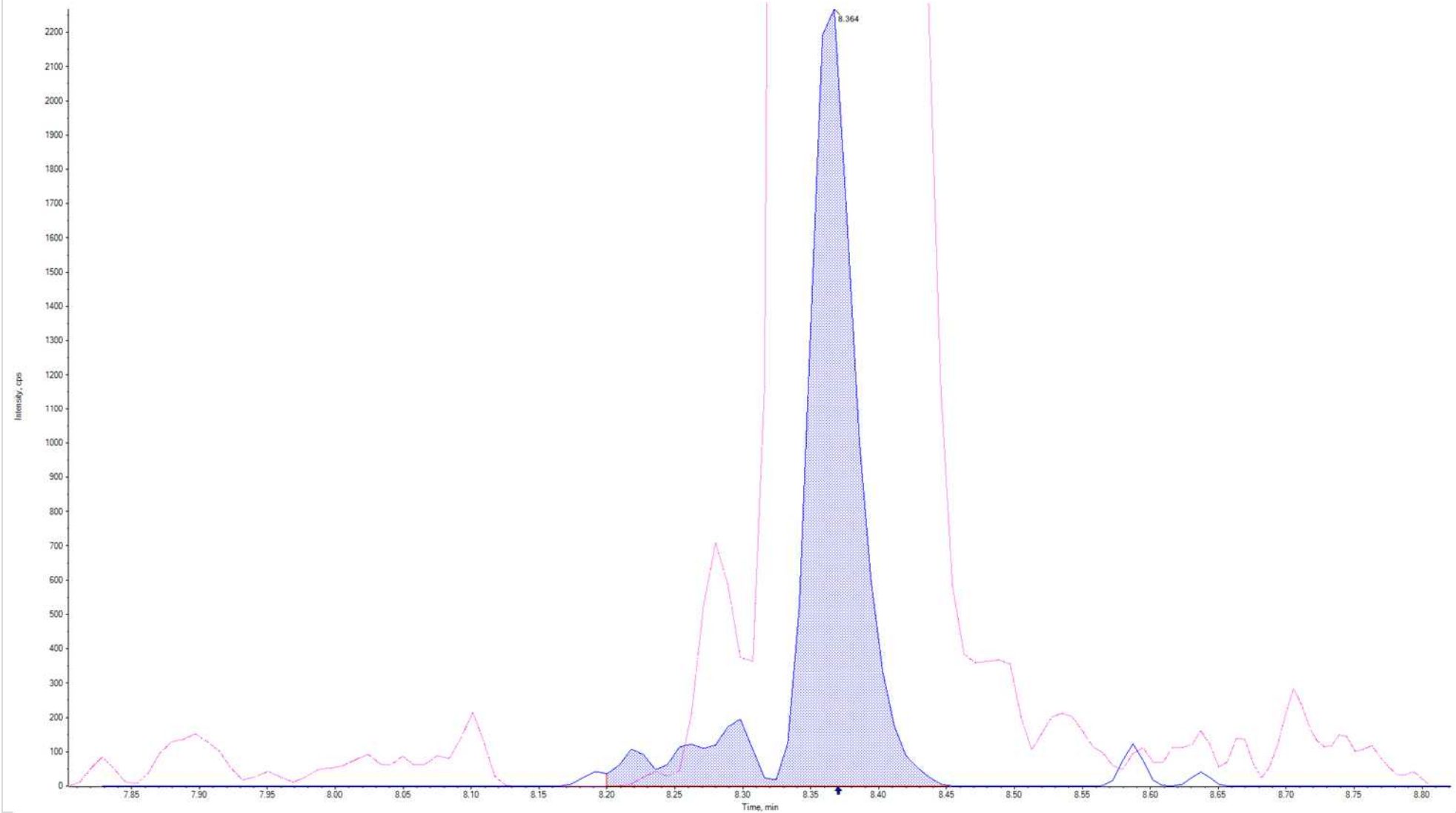
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA_2
Sample: IA1633STD-.1 S/N:134.7 Points Across peak:28



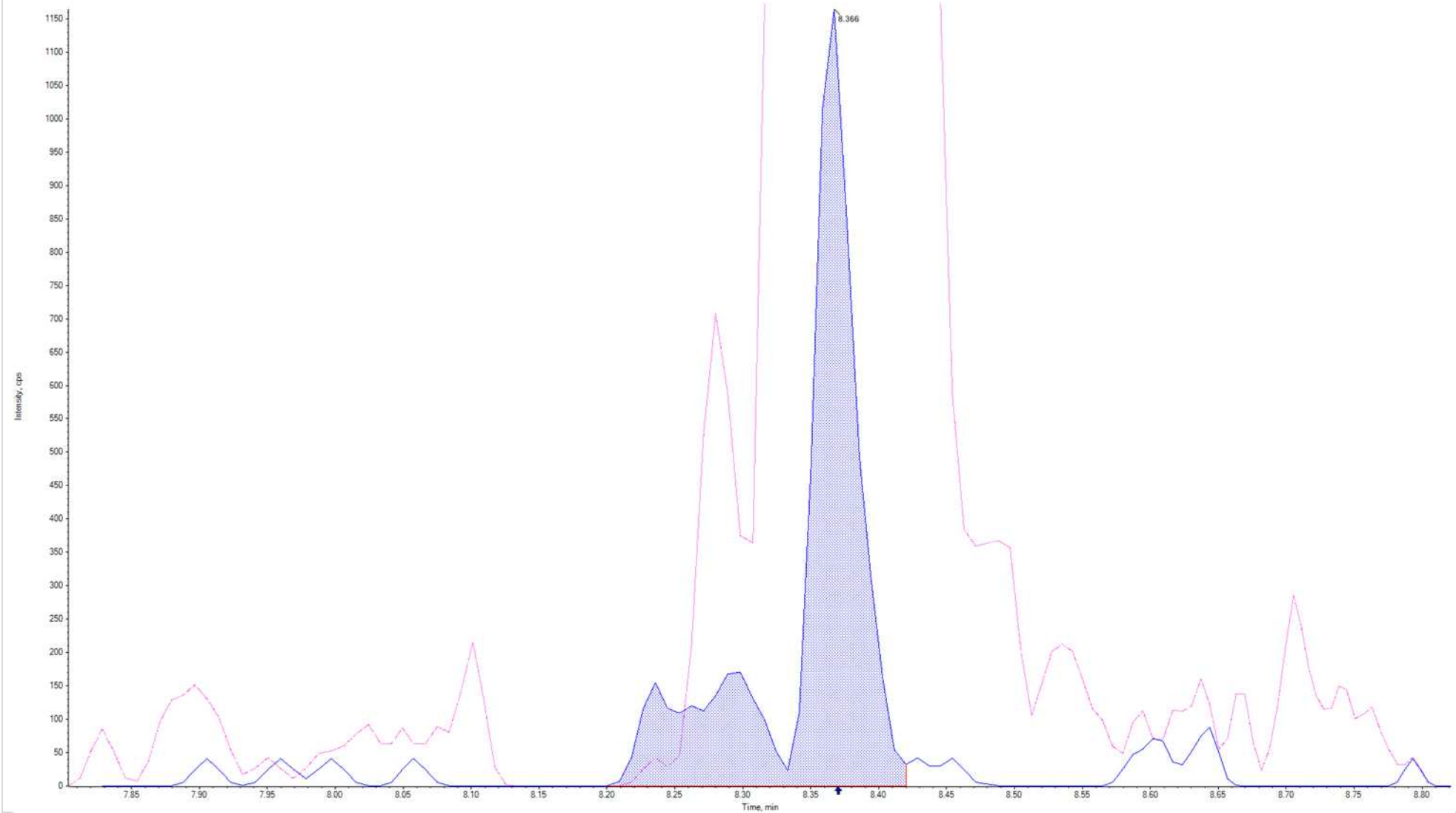
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA
Sample: IA1633STD-.1 S/N:349.4 Points Across peak:31



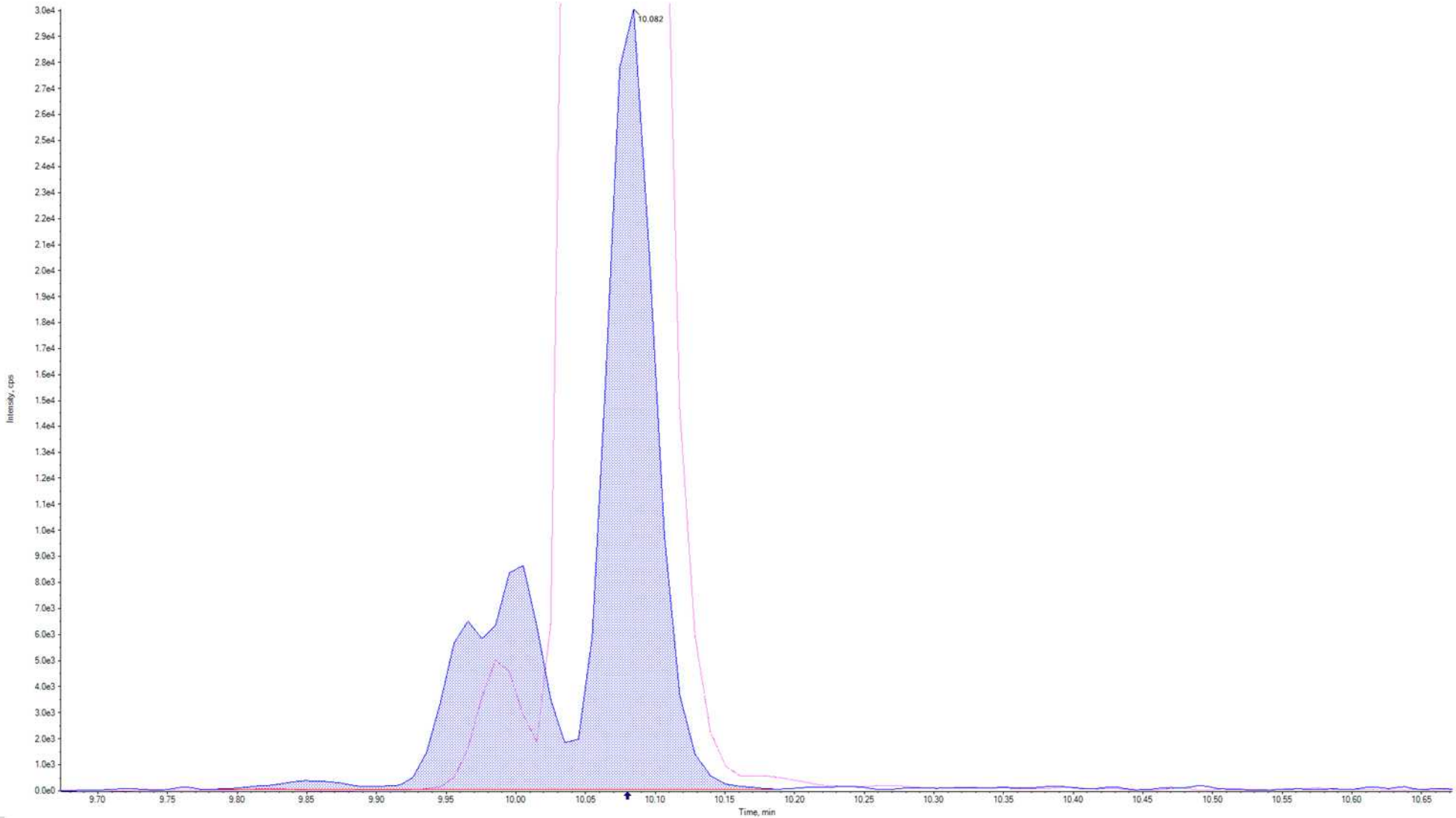
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA_2
Sample: IA1633STD-.1 S/N:90.1 Points Across peak:27



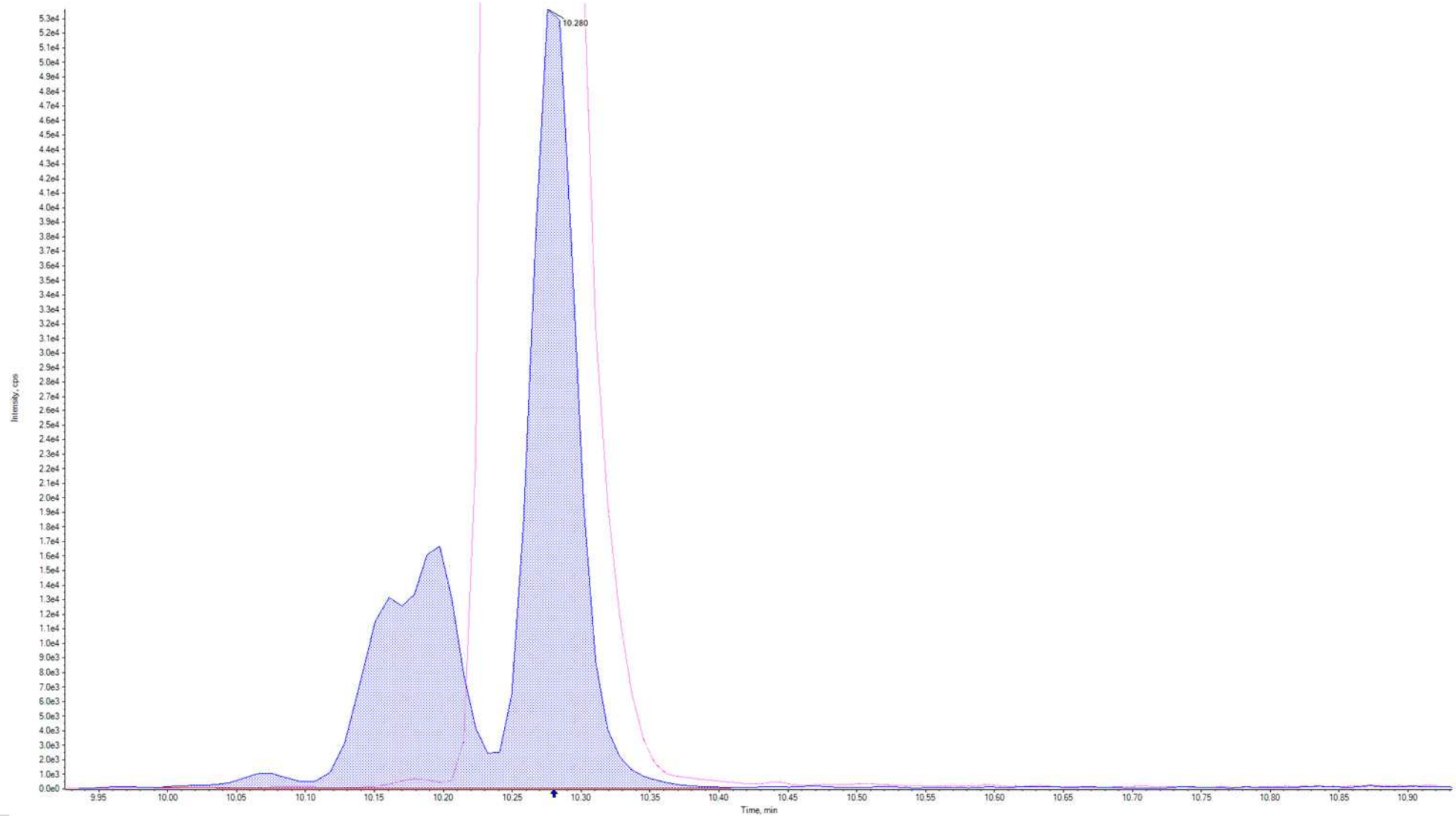
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSE
Sample: IA1633STD-.1 S/N:1786.9 Points Across peak:45



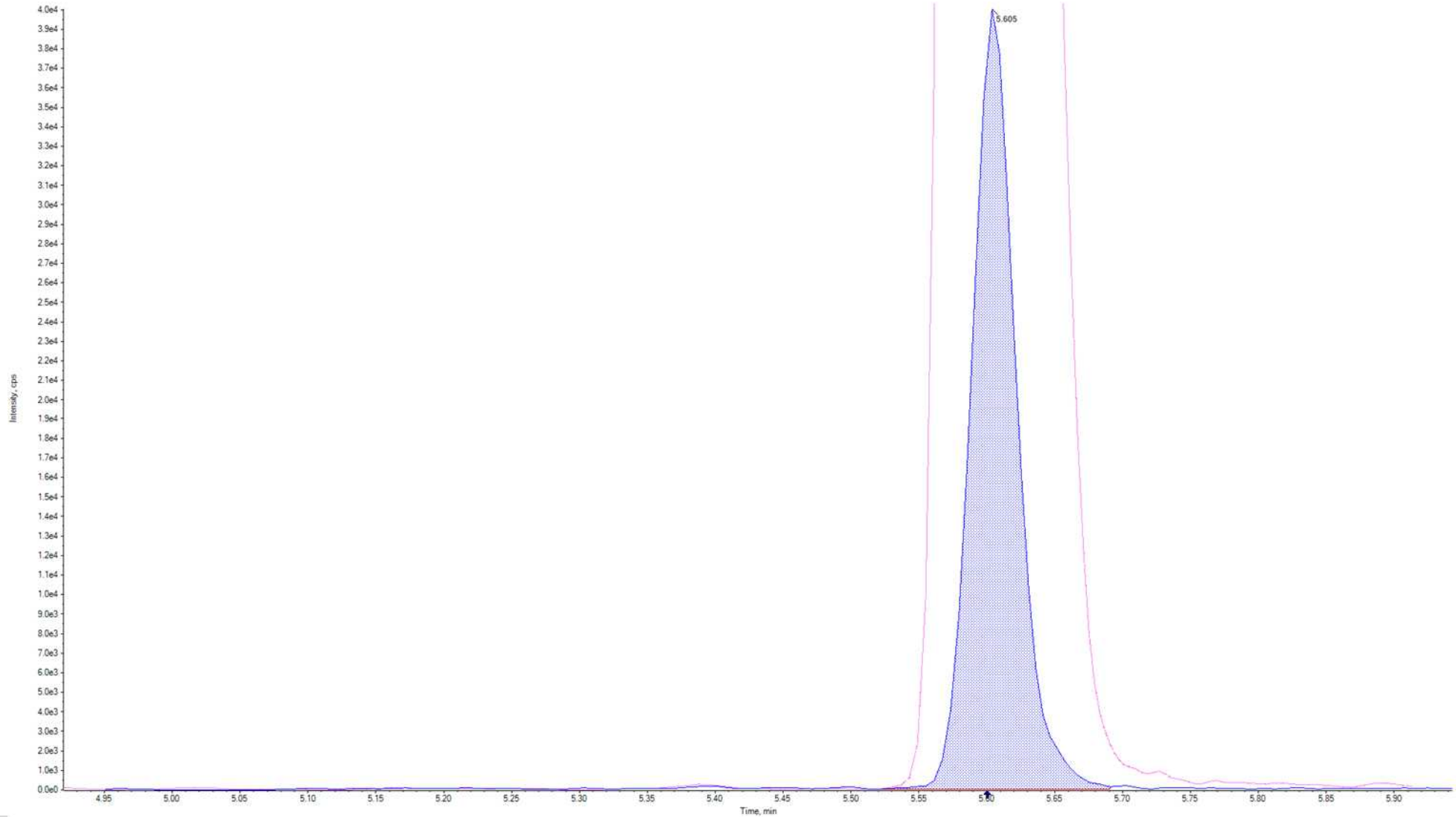
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSE
Sample: IA1633STD-.1 S/N:1226.2 Points Across peak:47



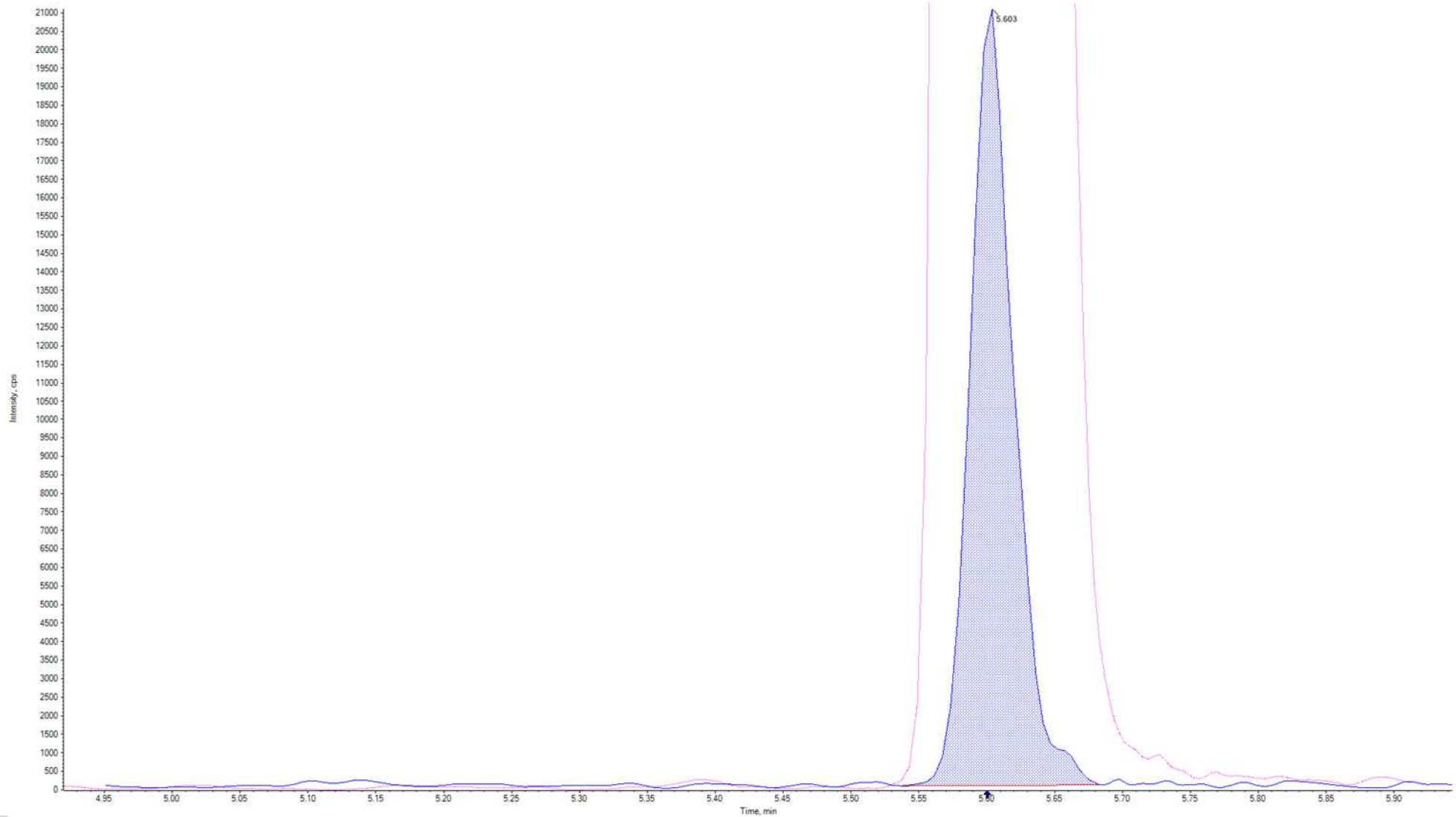
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA
Sample: IA1633STD-.1 S/N:20278.9 Points Across peak:33



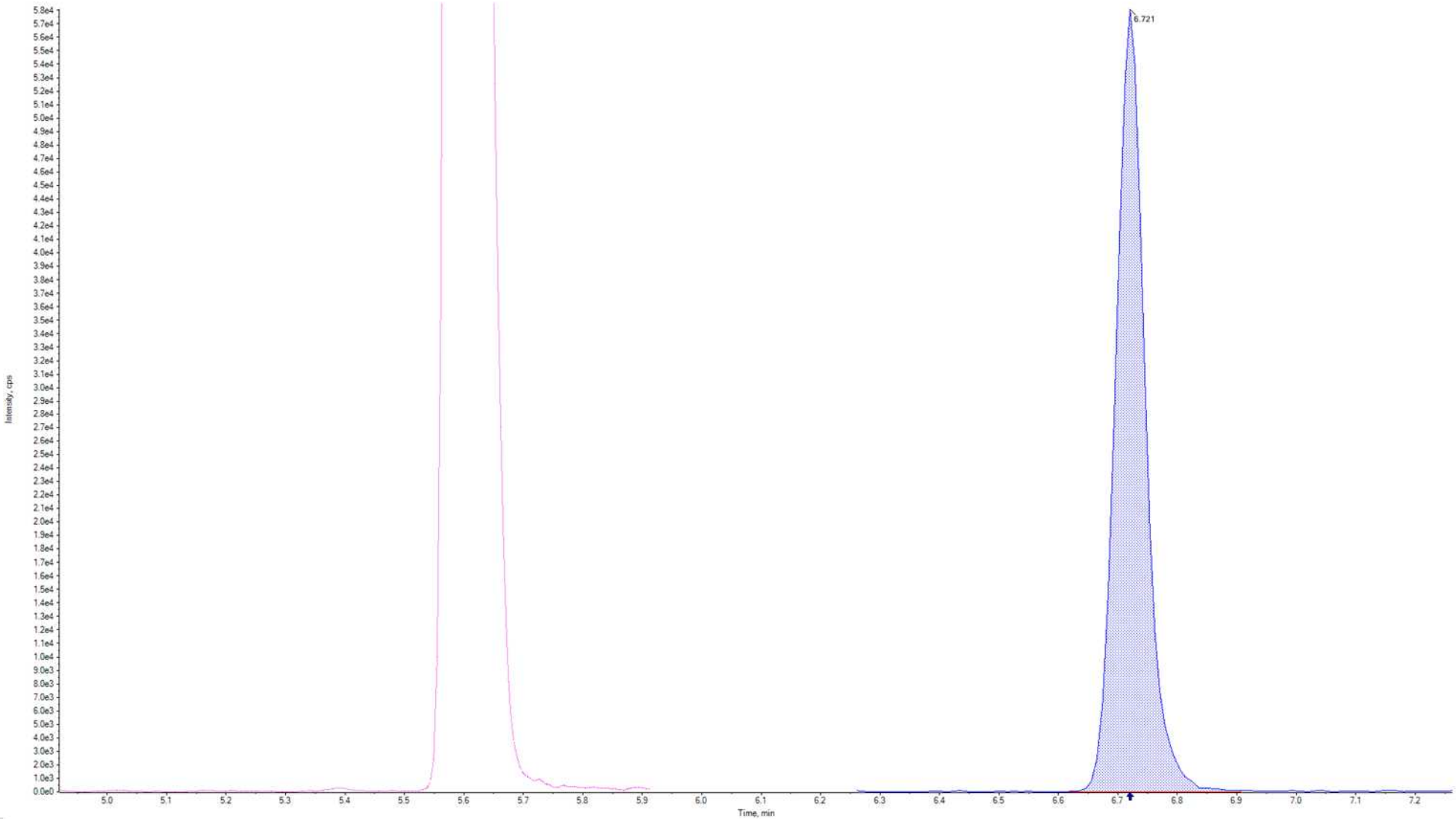
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA_2
Sample: IA1633STD-.1 S/N:955.7 Points Across peak:29



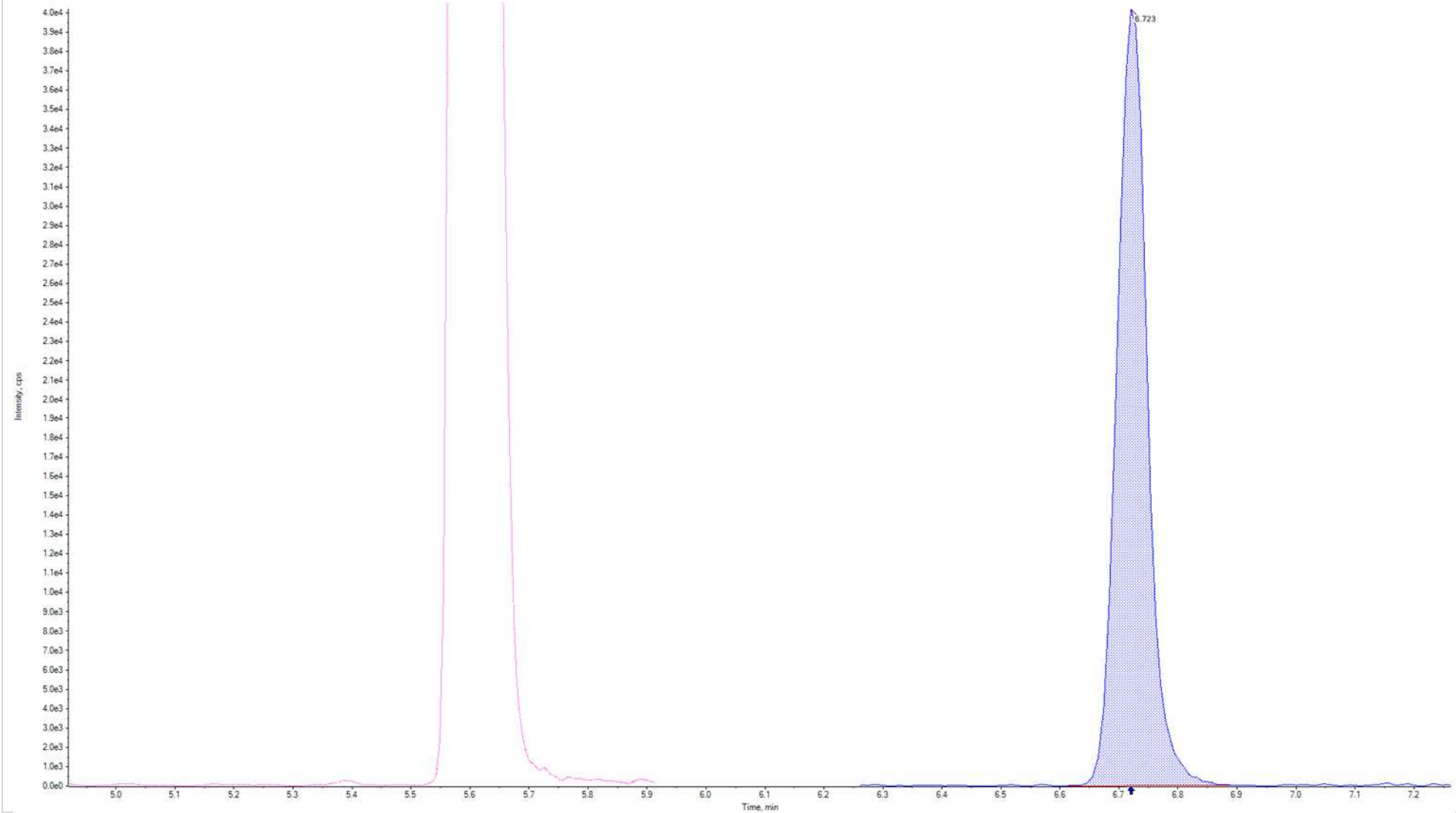
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

ADONA
Sample: IA1633STD-.1 S/N:25324.8 Points Across peak:41



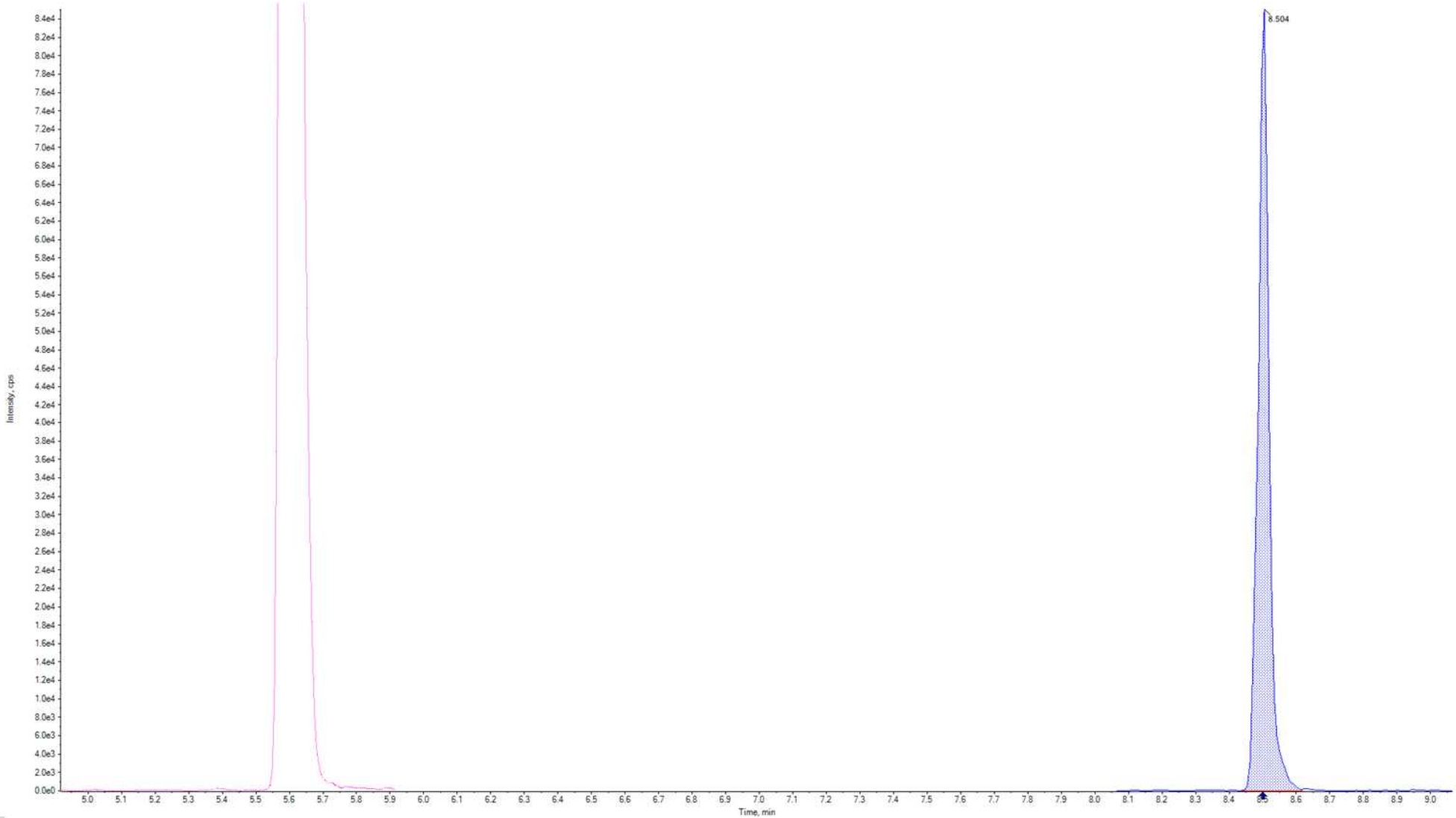
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

ADONA_2
Sample: IA1633STD-.1 S/N:16174.6 Points Across peak:41



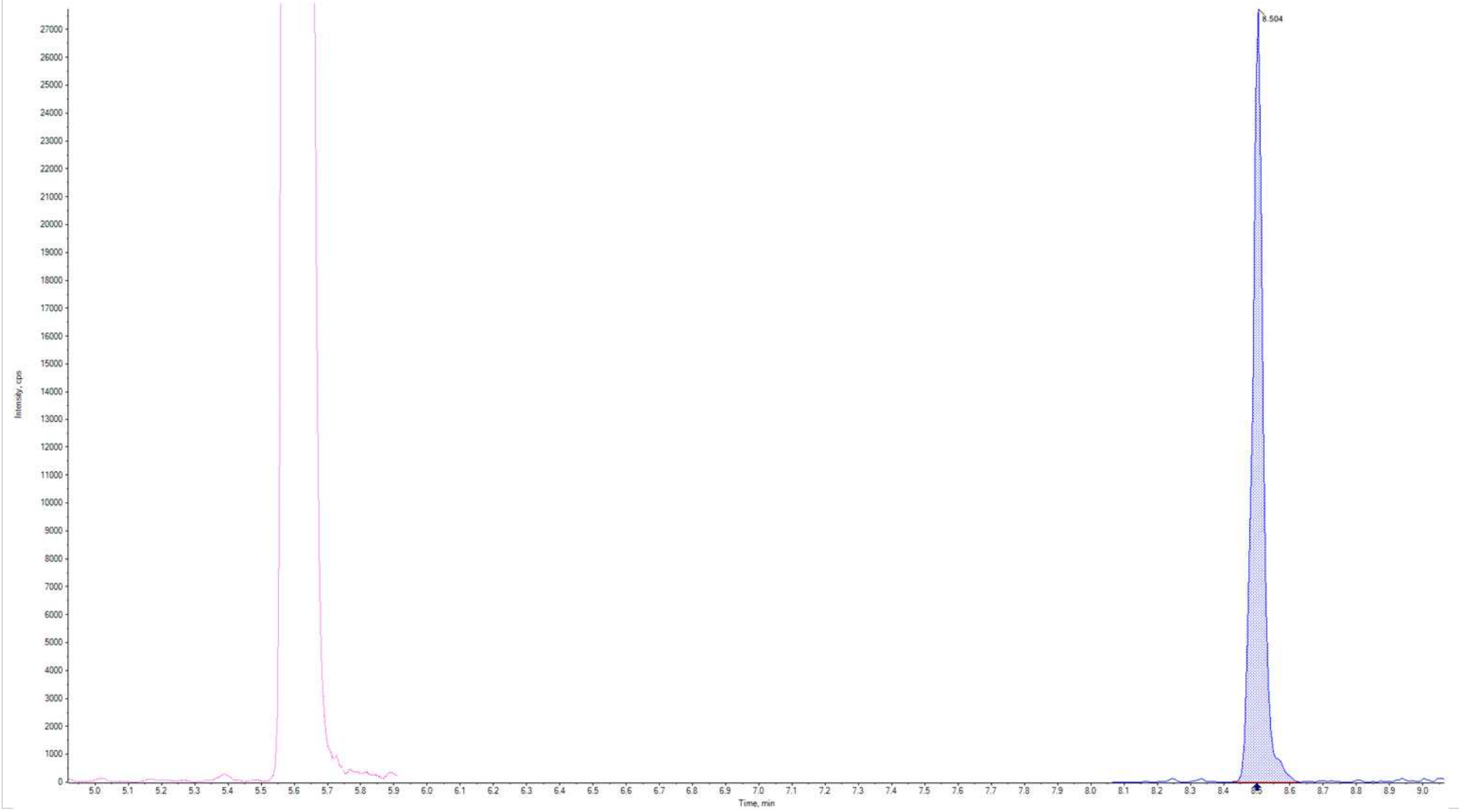
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS
Sample: IA1633STD-.1 S/N:856461.0 Points Across peak:24



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS_2
Sample: IA1633STD-.1 S/N:1231.7 Points Across peak:29



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS
Sample: IA1633STD-.1 S/N:1958.1 Points Across peak:31



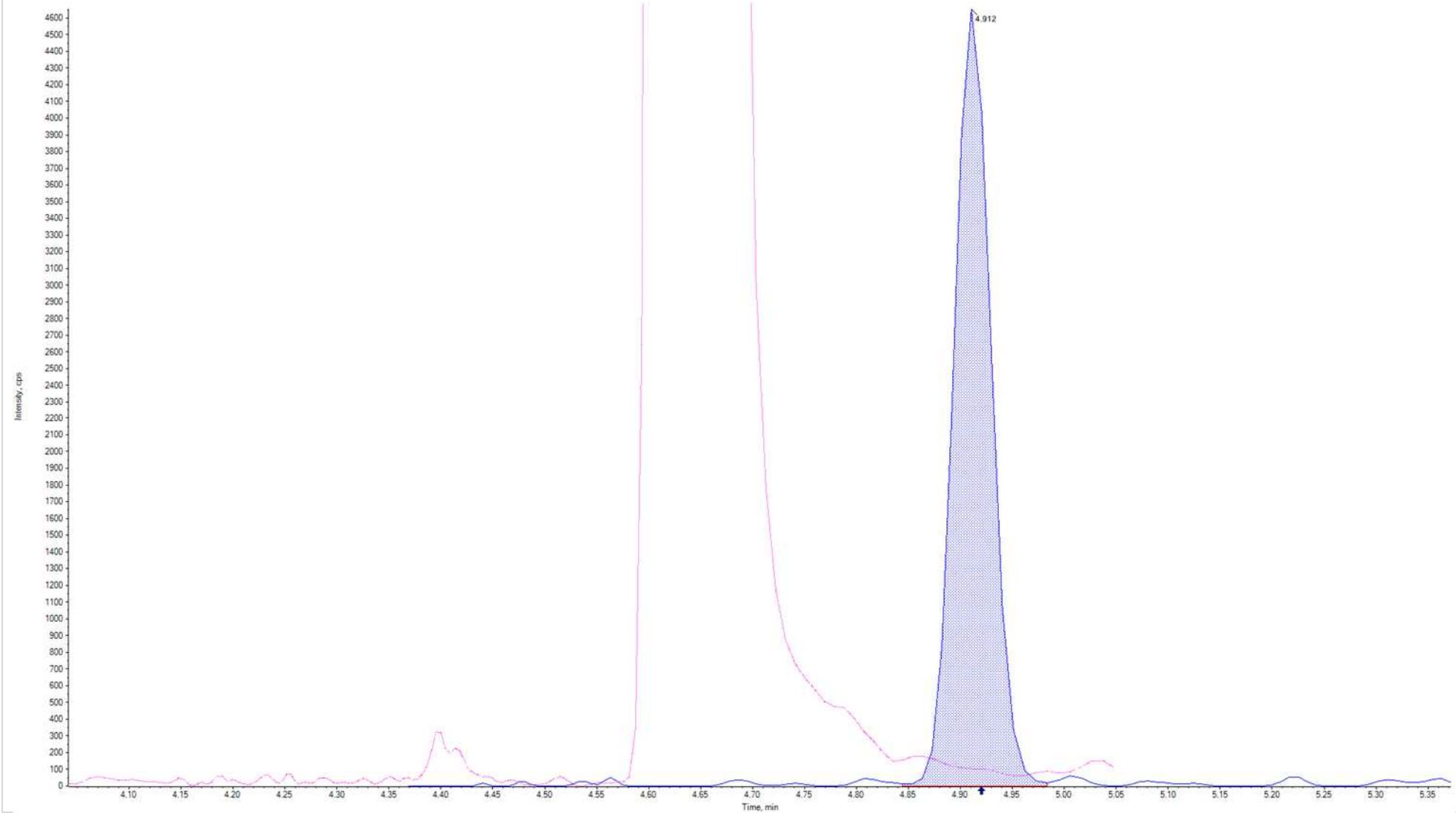
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS_2
Sample: IA1633STD-.1 S/N:512052.5 Points Across peak:36



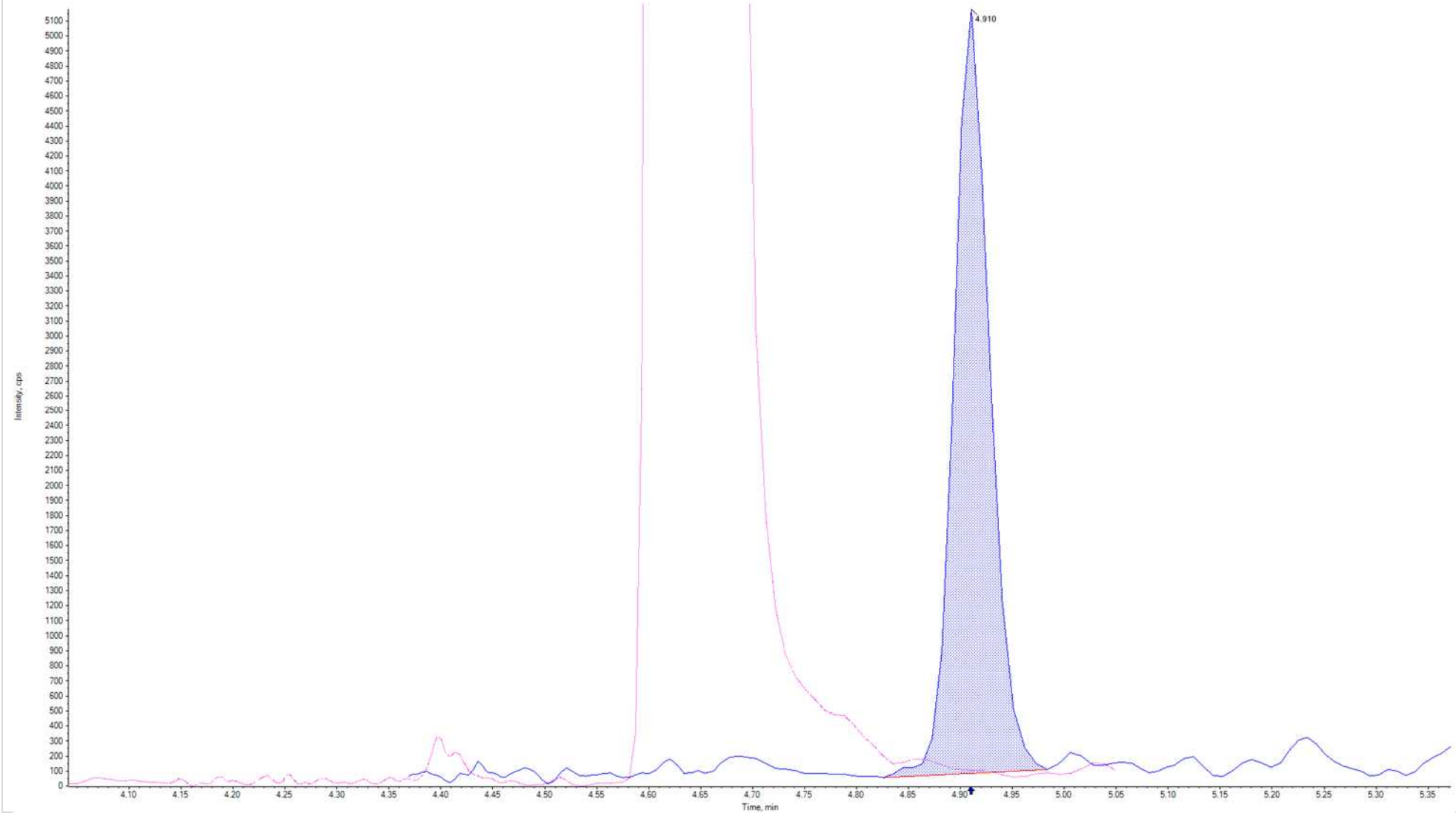
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA
Sample: IA1633STD-.1 S/N:548.7 Points Across peak:15



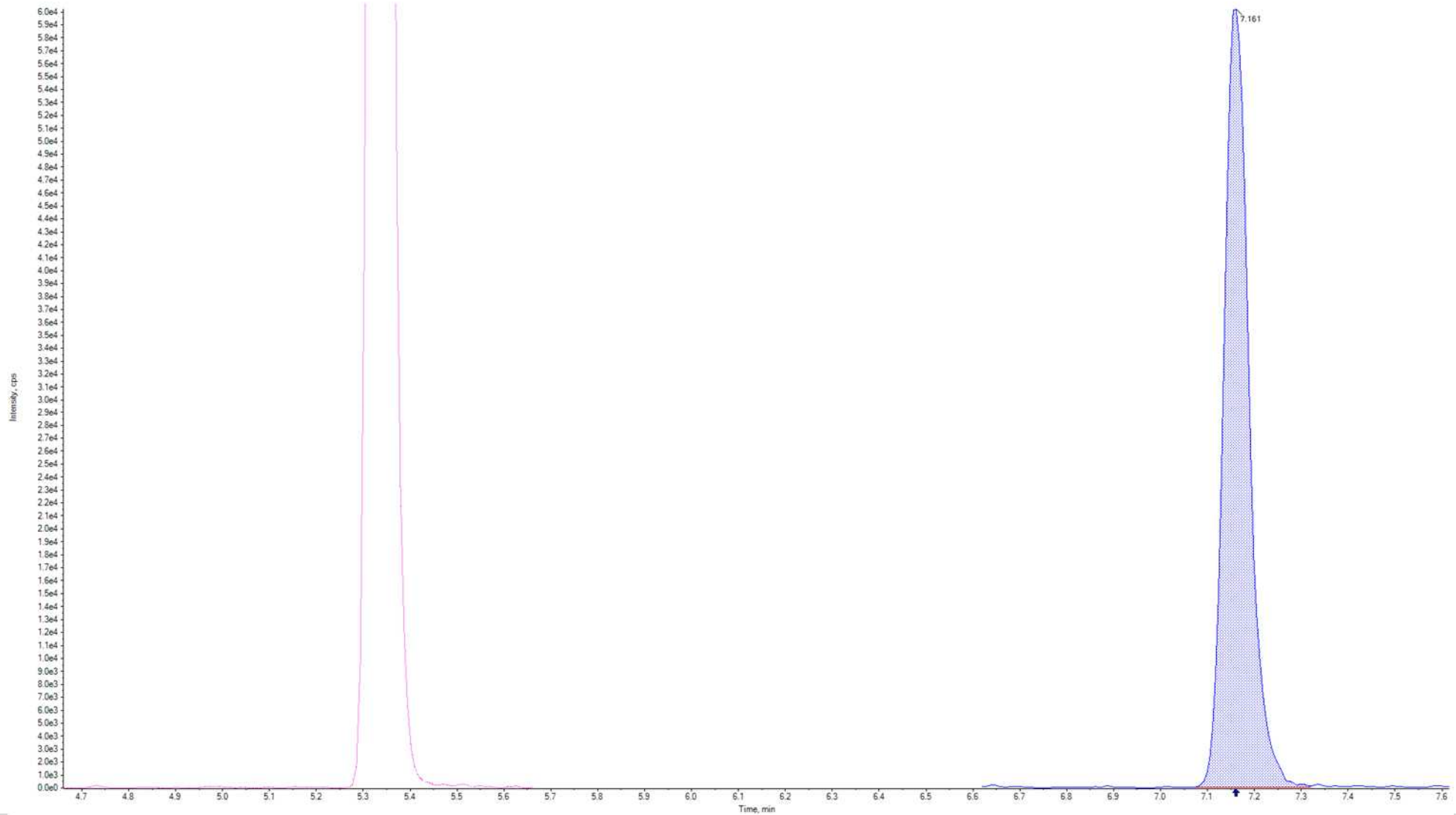
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA_2
Sample: IA1633STD-.1 S/N:401.8 Points Across peak:17



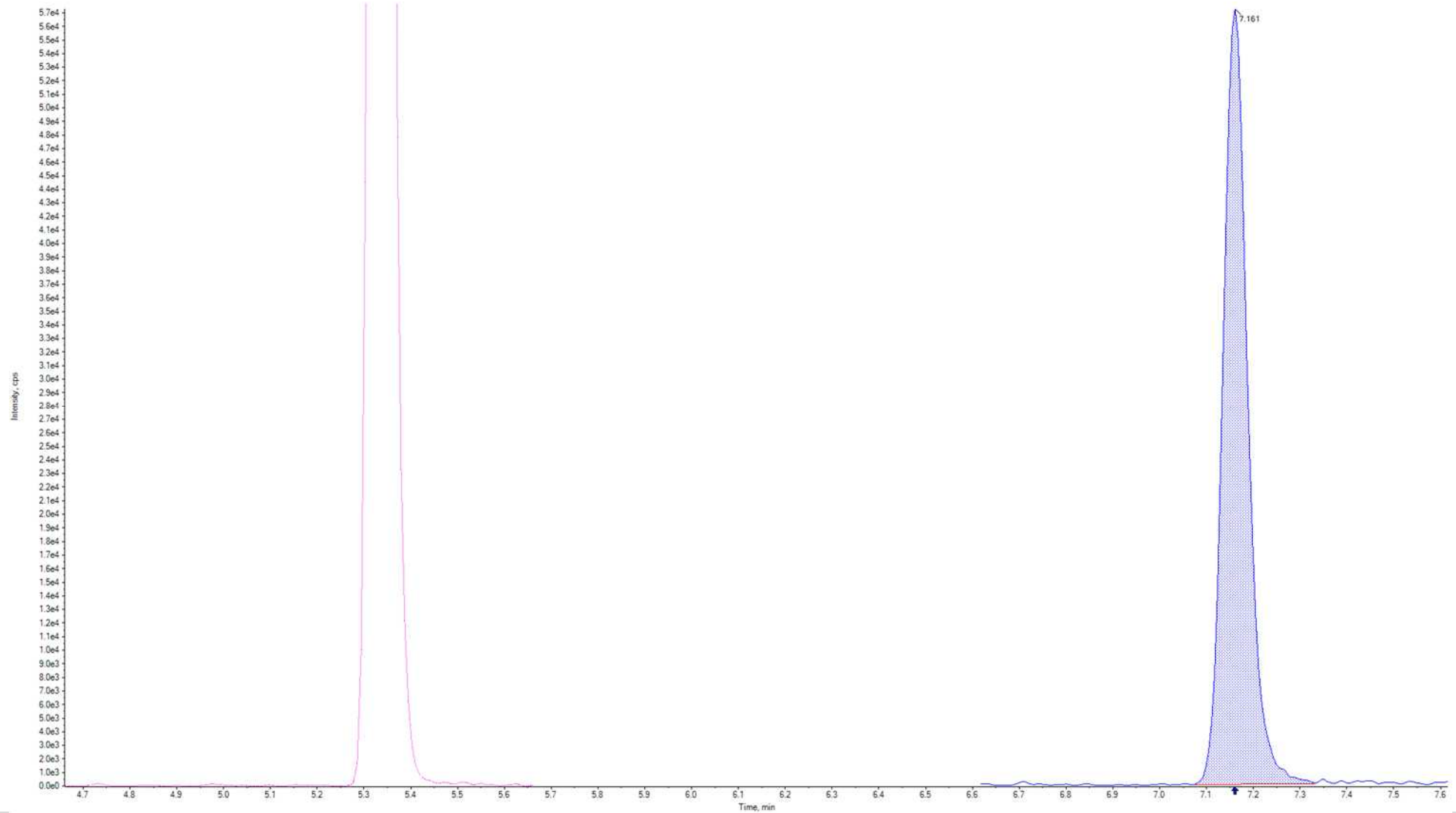
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA
Sample: IA1633STD-.1 S/N:7438.4 Points Across peak:43



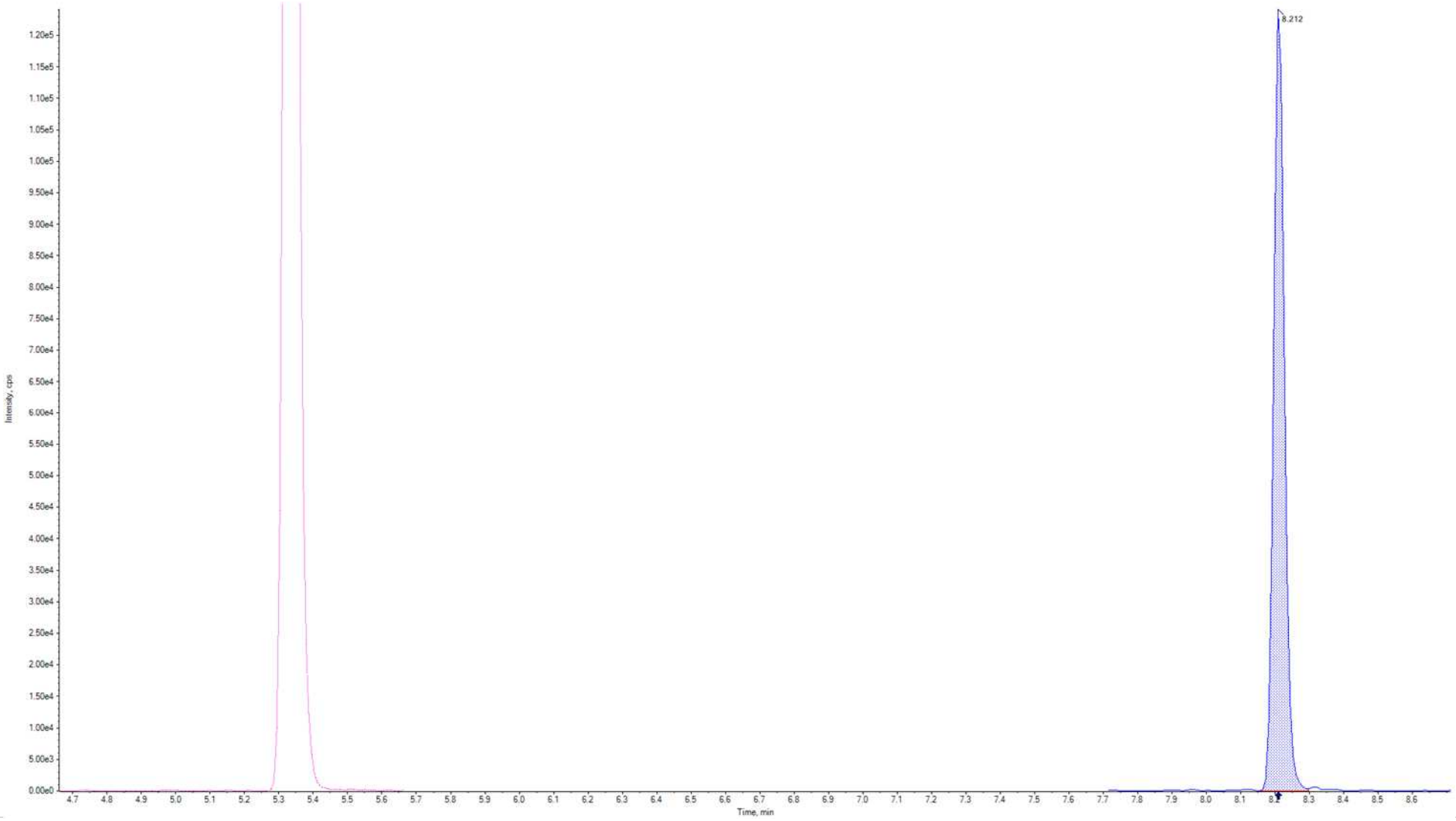
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA_2
Sample: IA1633STD-.1 S/N:2008.3 Points Across peak:45



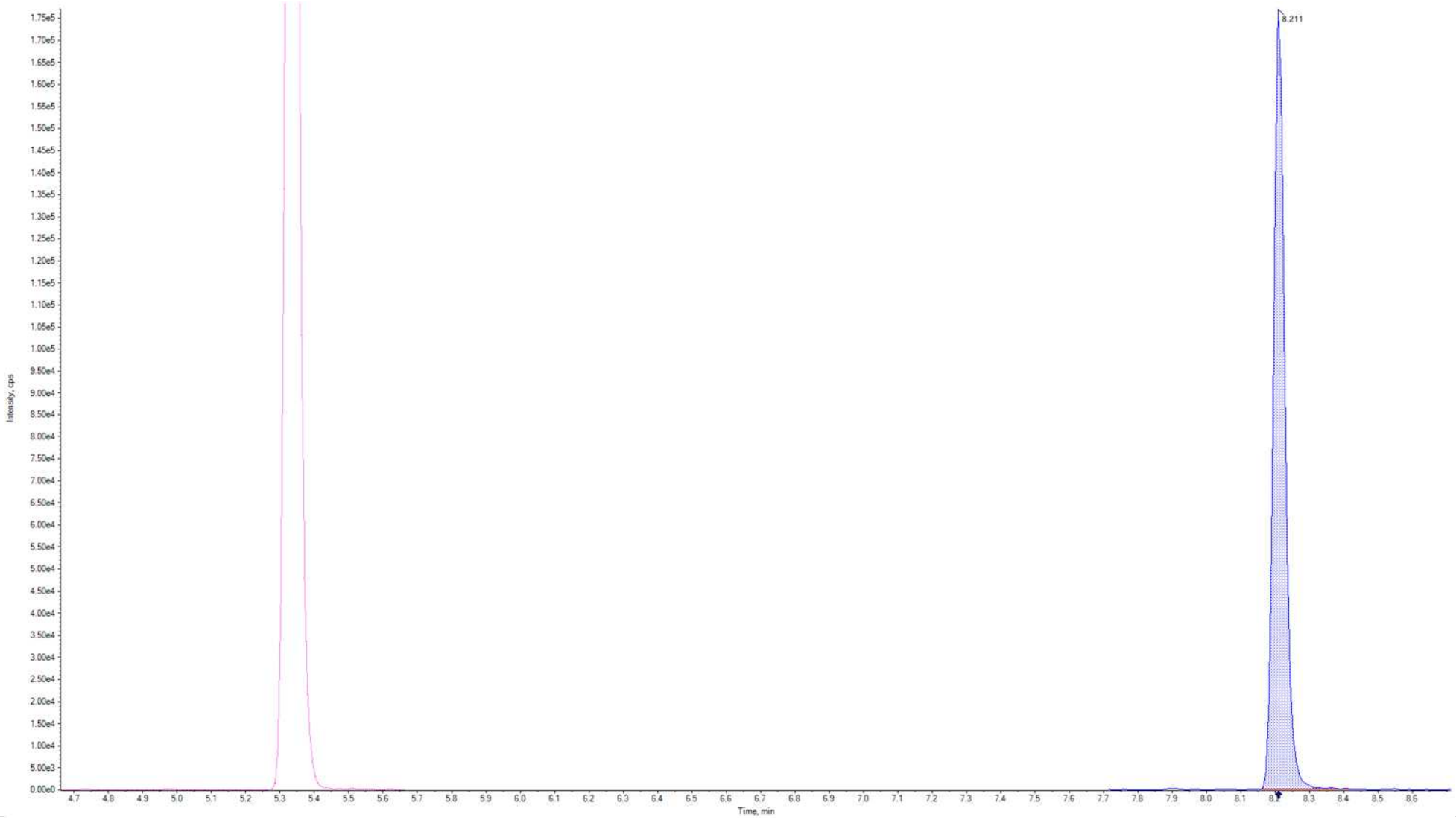
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA
Sample: IA1633STD-.1 S/N:816971.6 Points Across peak:18



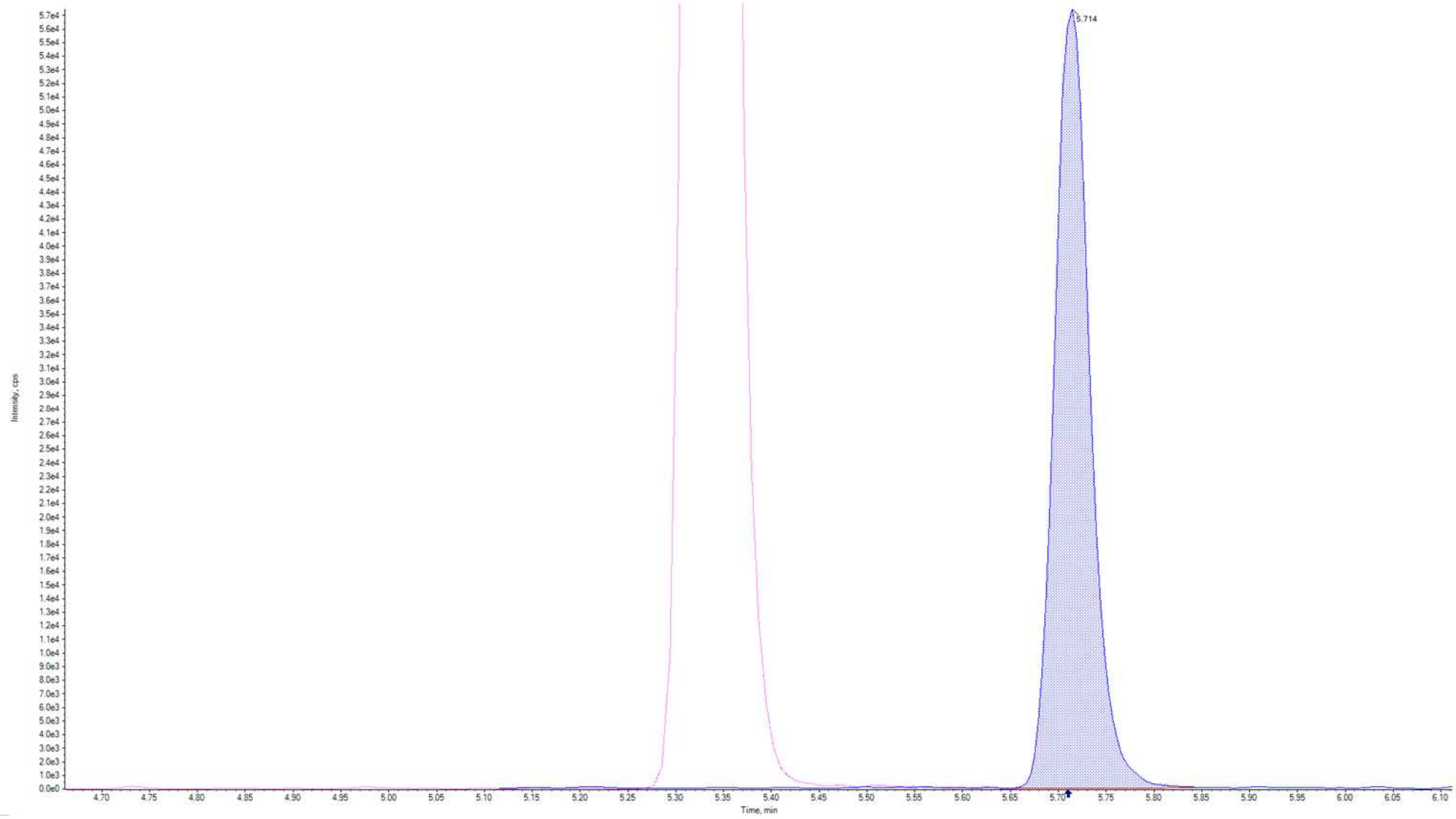
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA_2
Sample: IA1633STD-.1 S/N:8313.5 Points Across peak:34



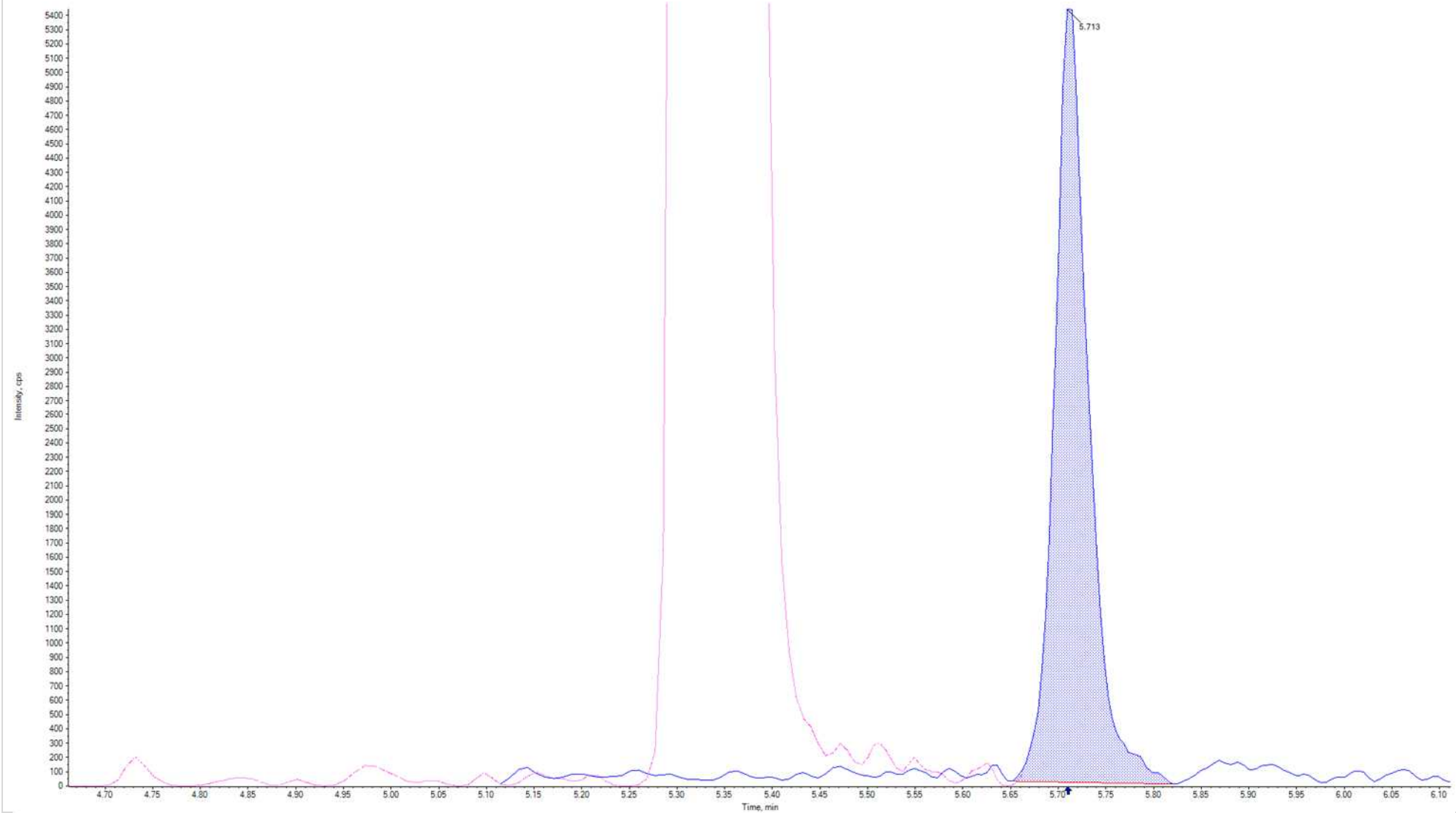
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA
Sample: IA1633STD-.1 S/N:3071.2 Points Across peak:44



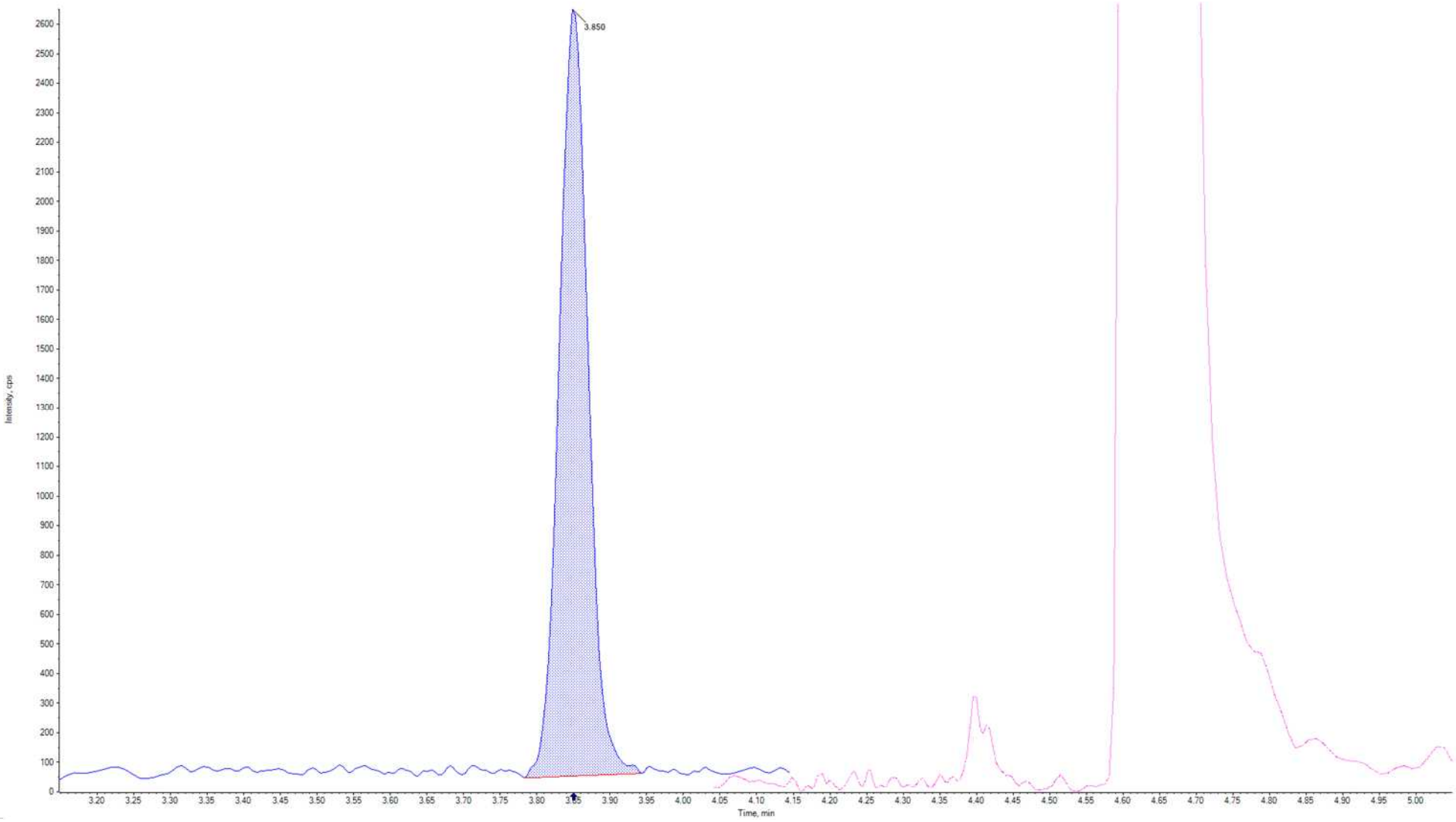
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA_2
Sample: IA1633STD-.1 S/N:604.0 Points Across peak:38



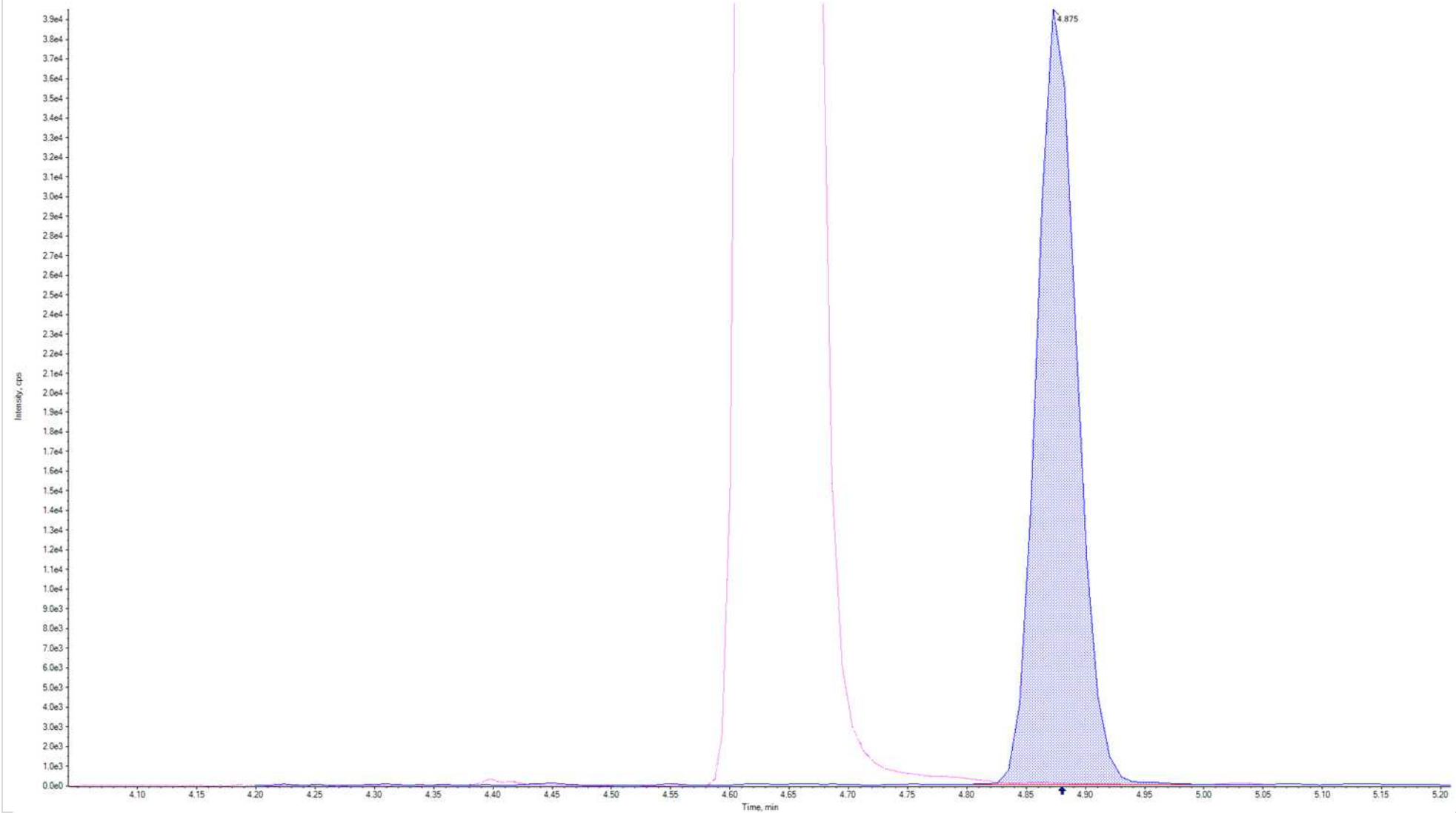
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFMPA
Sample: IA1633STD-.1 S/N:497.1 Points Across peak:40



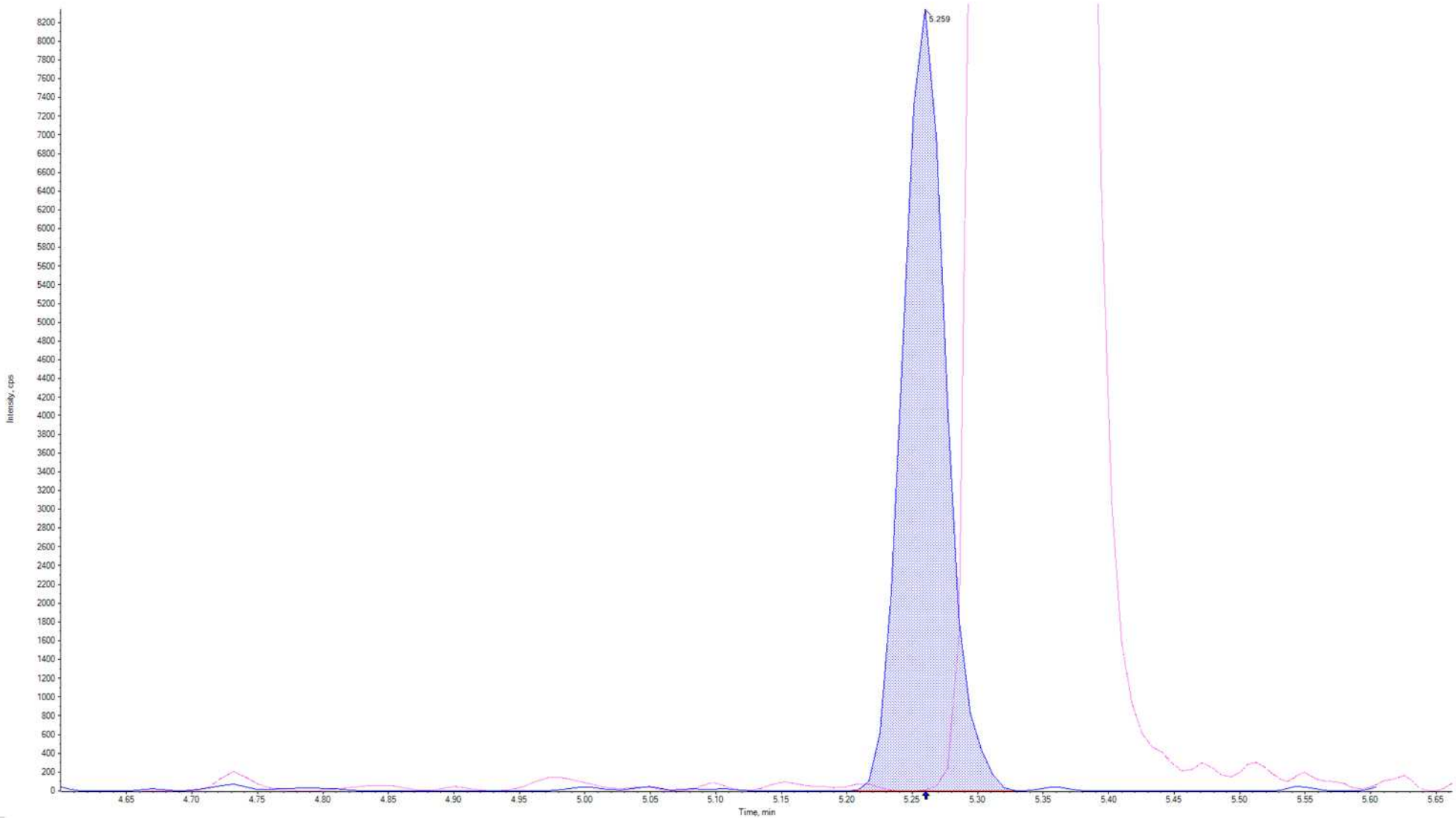
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

PFMBA
Sample: IA1633STD-.1 S/N:1504.0 Points Across peak:25



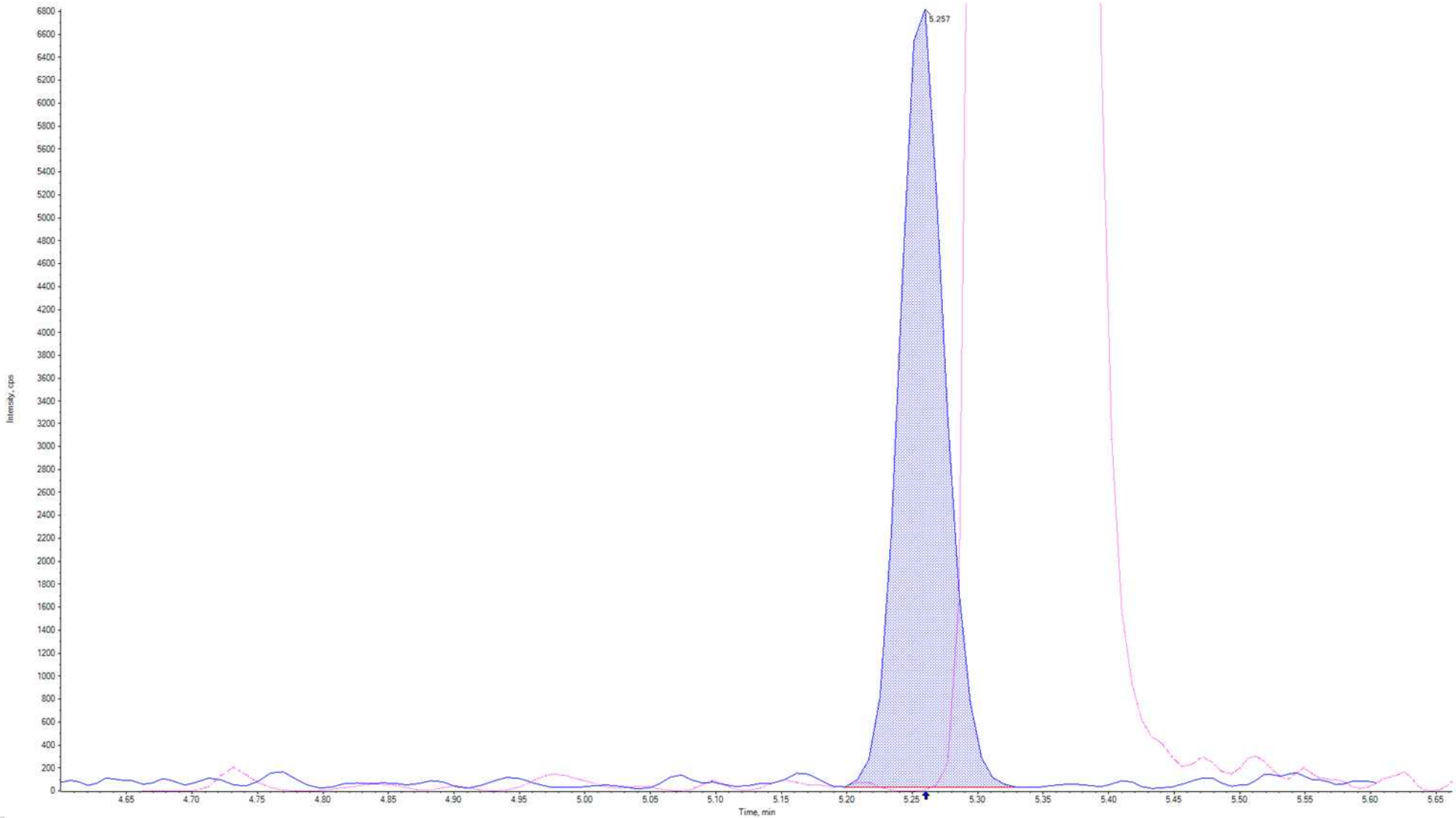
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA
Sample: IA1633STD-.1 S/N:1279.4 Points Across peak:19



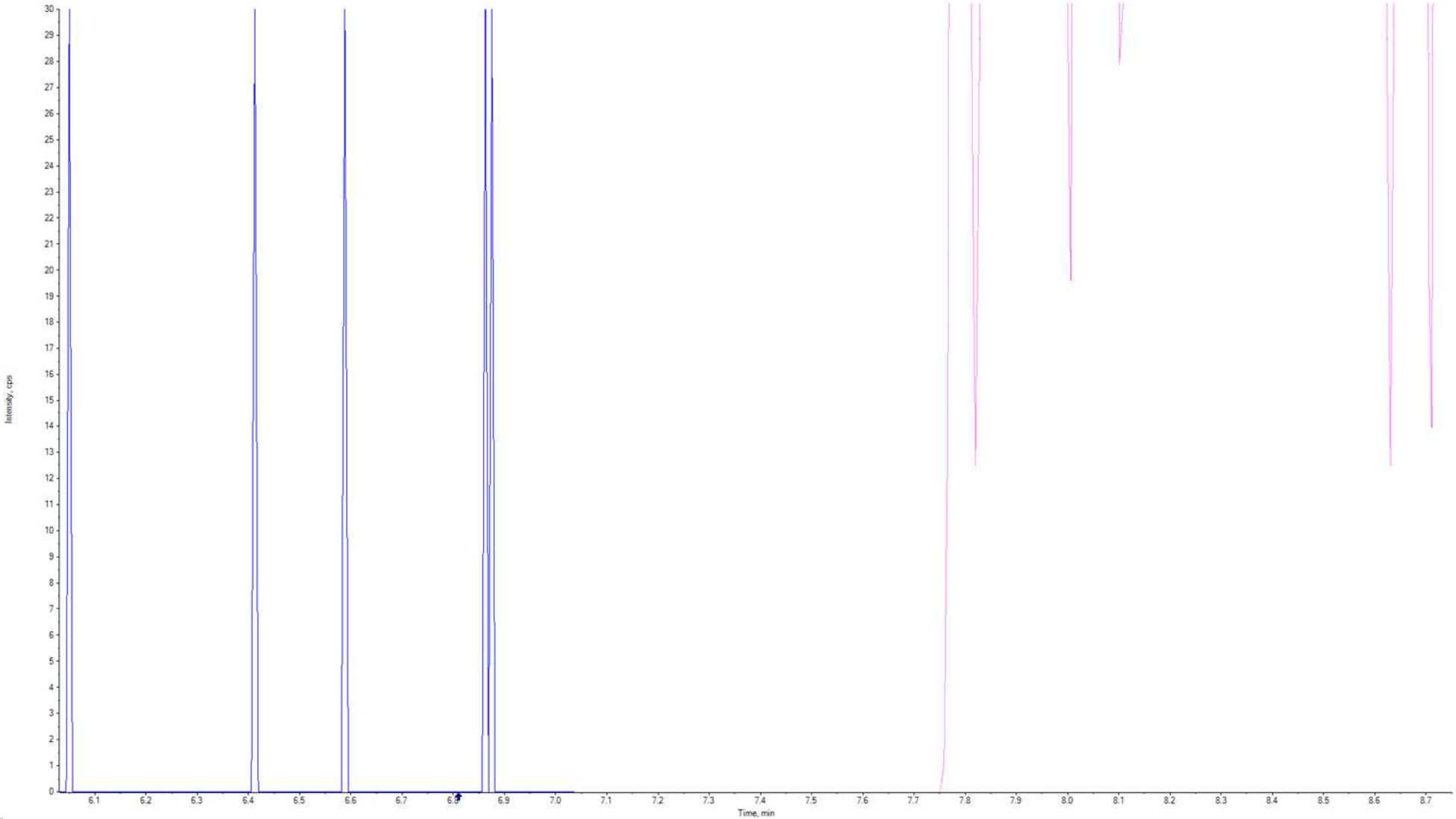
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA_2
Sample: IA1633STD-.1 S/N:409.4 Points Across peak:17



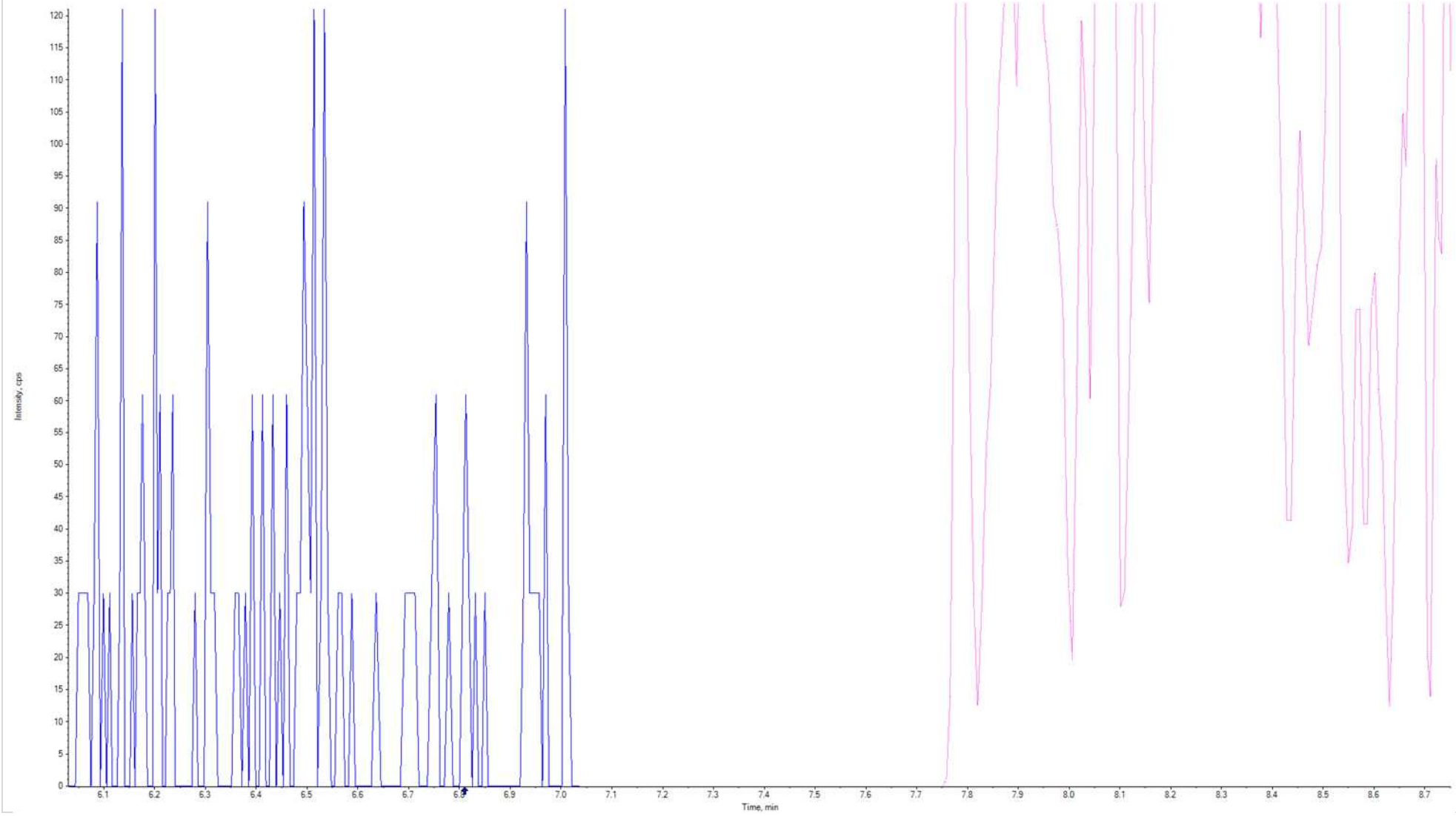
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

TDCA
Sample: IA1633STD-.1 S/N:N/A Points Across peak:N/A



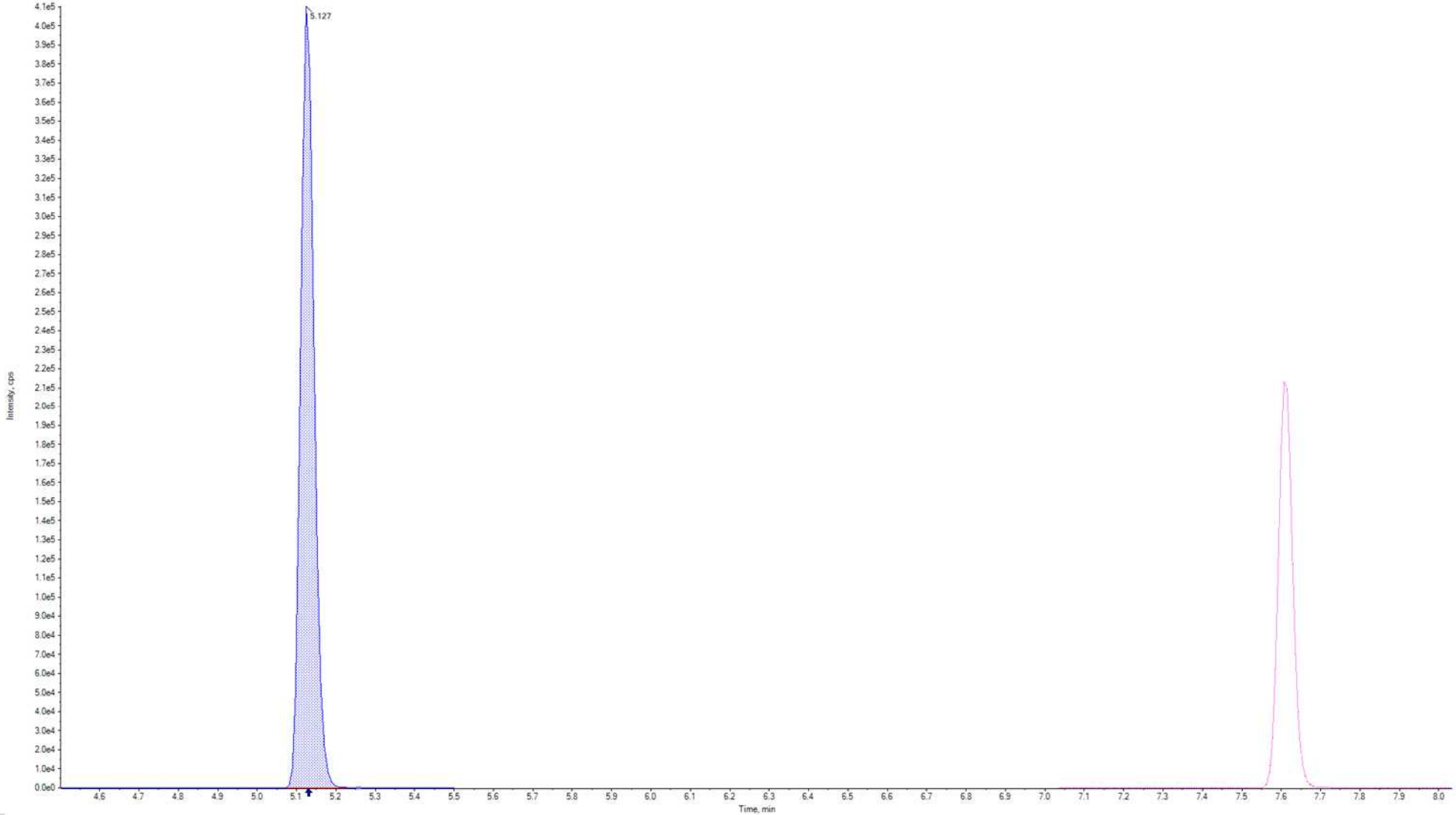
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

TDCA_2
Sample: IA1633STD-.1 S/N:N/A Points Across peak:N/A



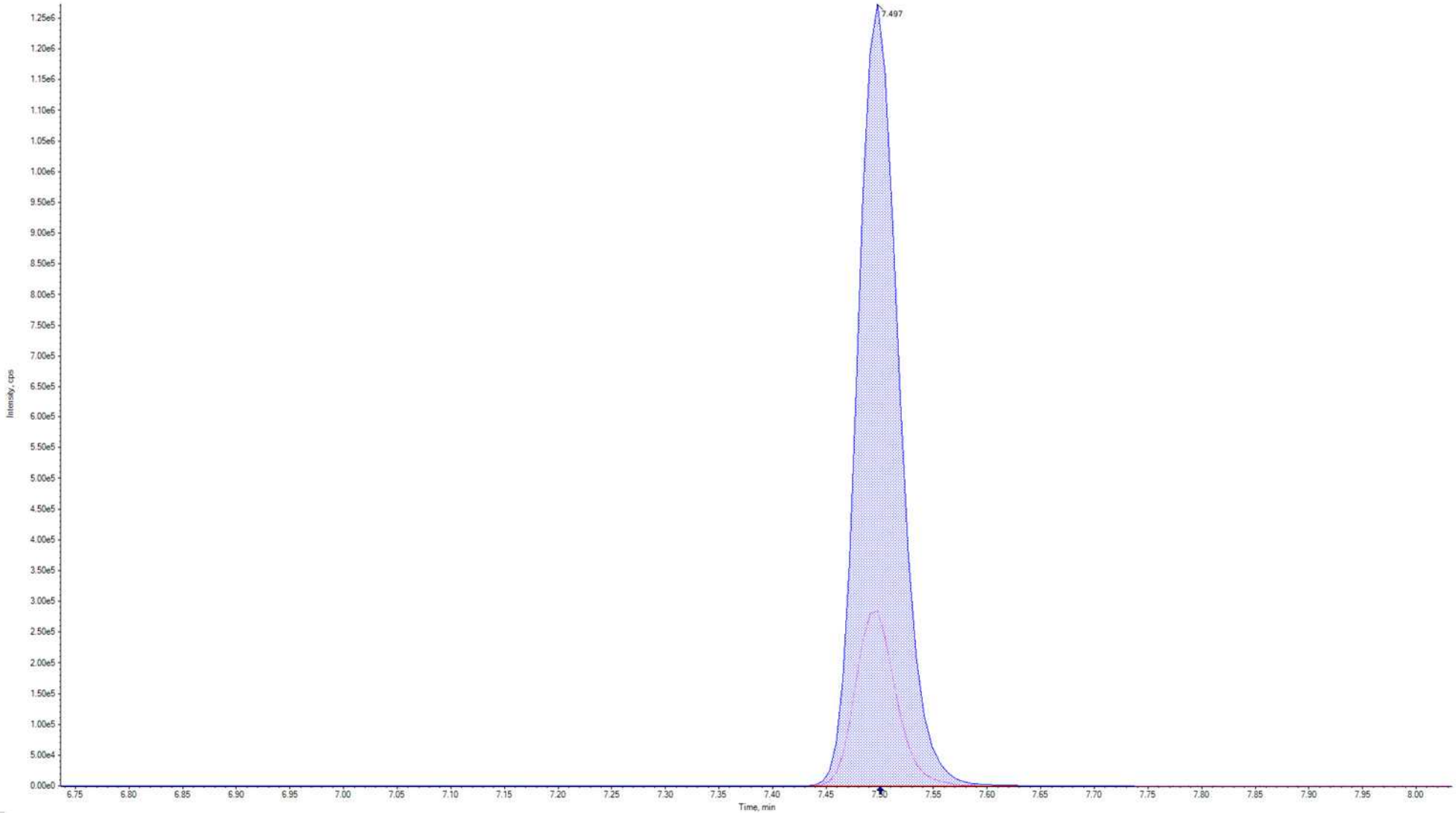
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

13C2D4-4:2FTS
Sample: IA1633STD-.1 S/N:38881.1 Points Across peak:22

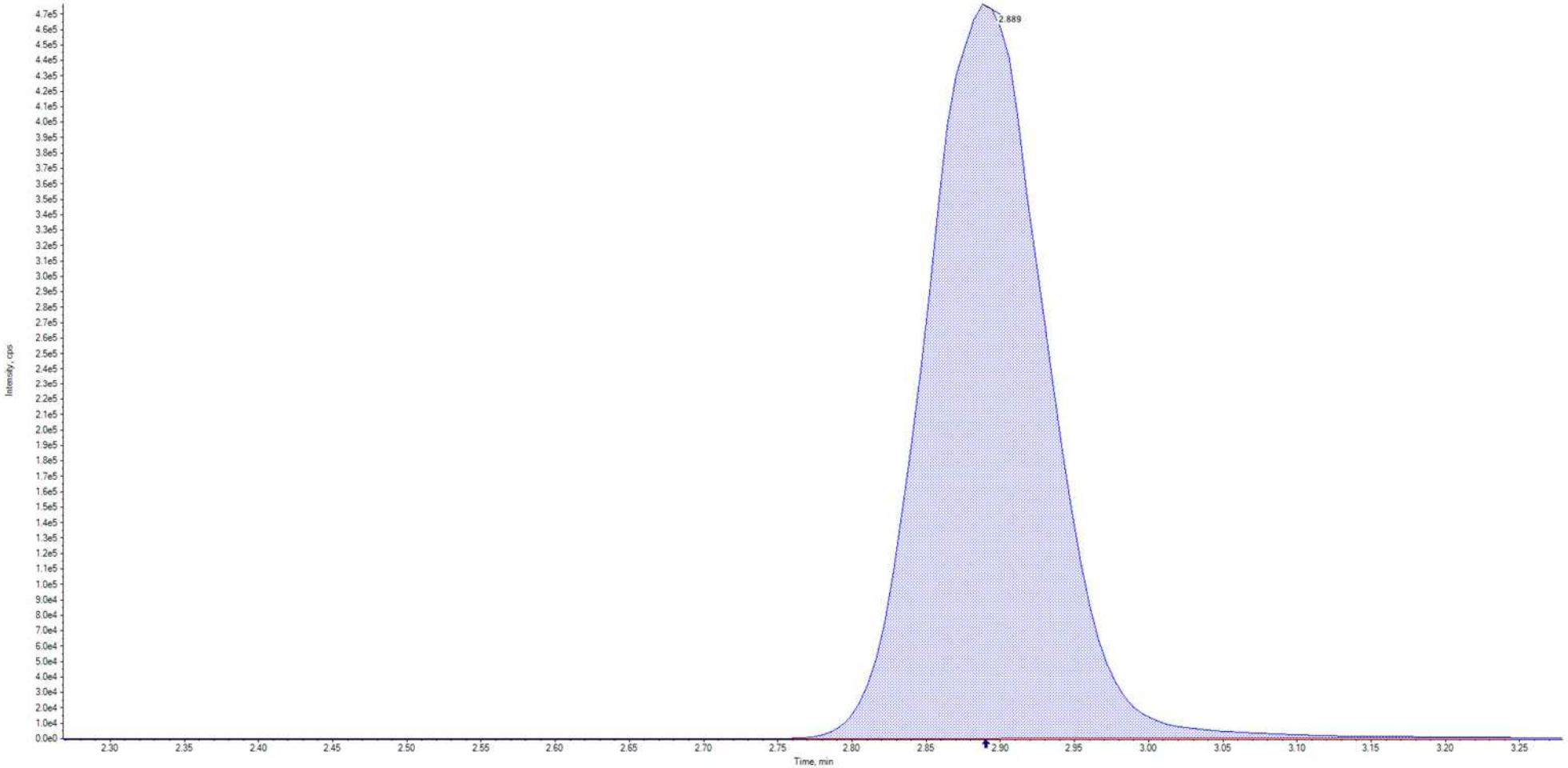


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

13C2-PFOA
Sample: IA1633STD-.1 S/N:687912.4 Points Across peak:35

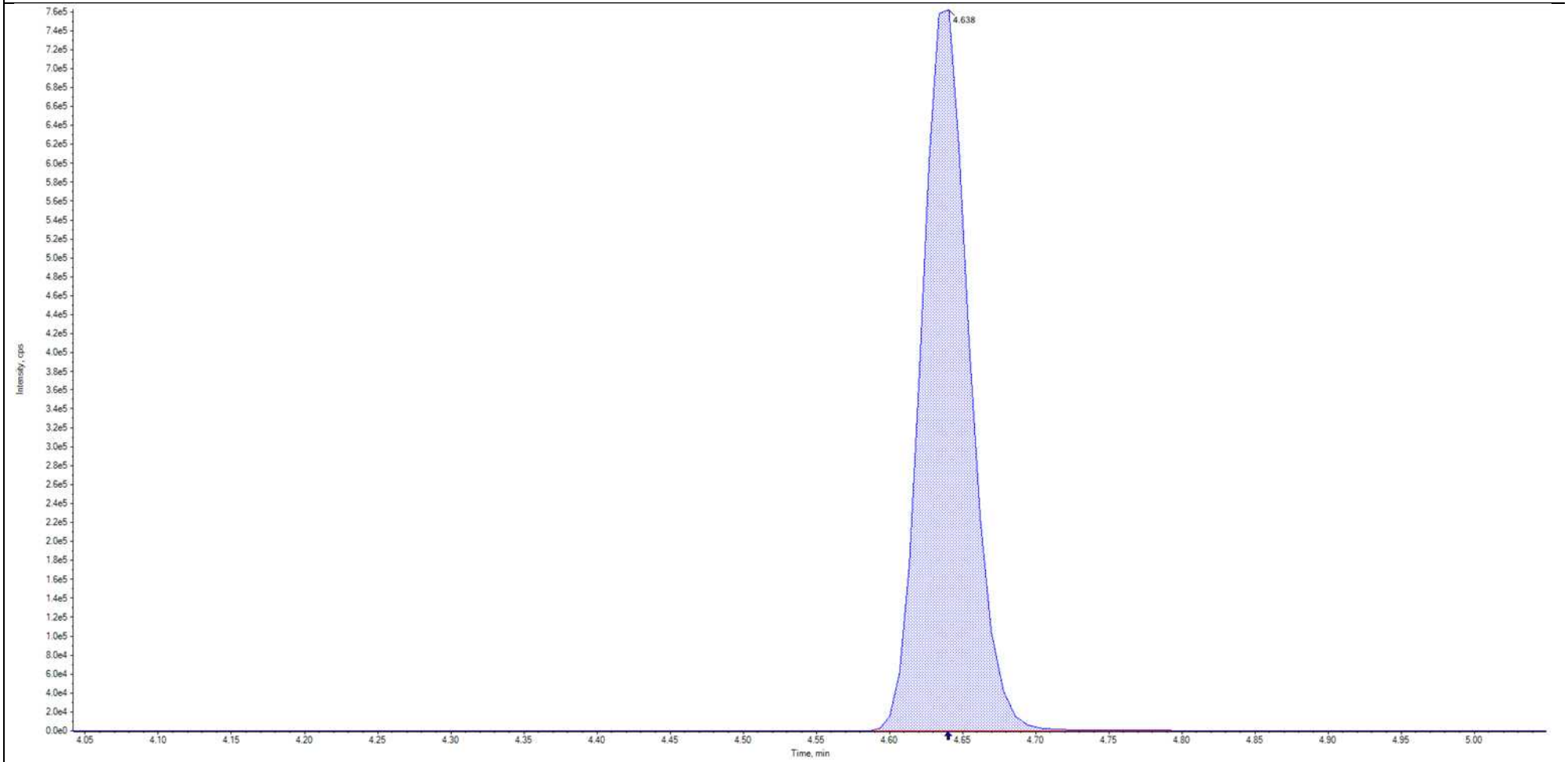


13C4-PFBA
Sample: IA1633STD-.1



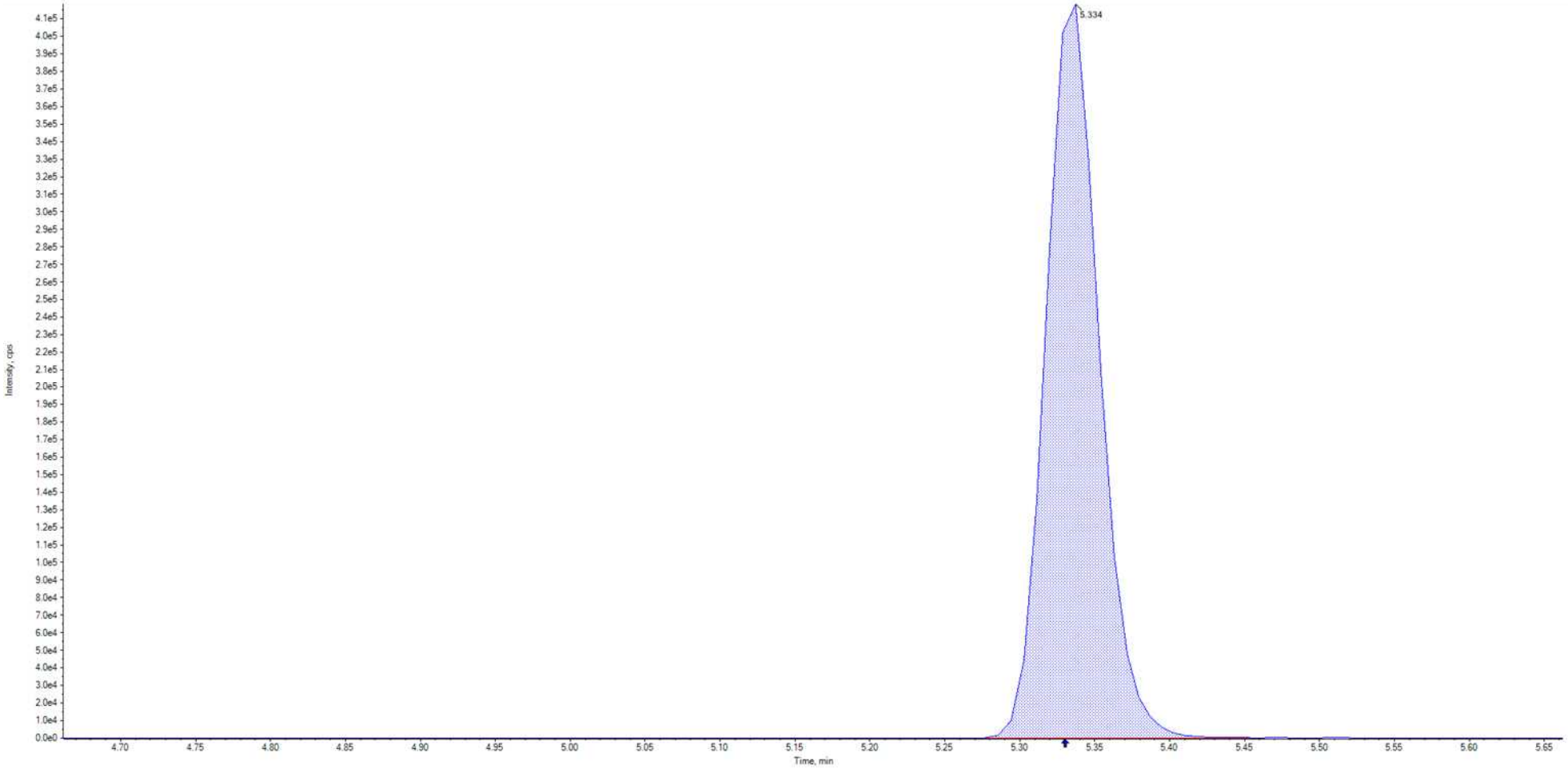
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

13C5-PFPeA
Sample: IA1633STD-.1

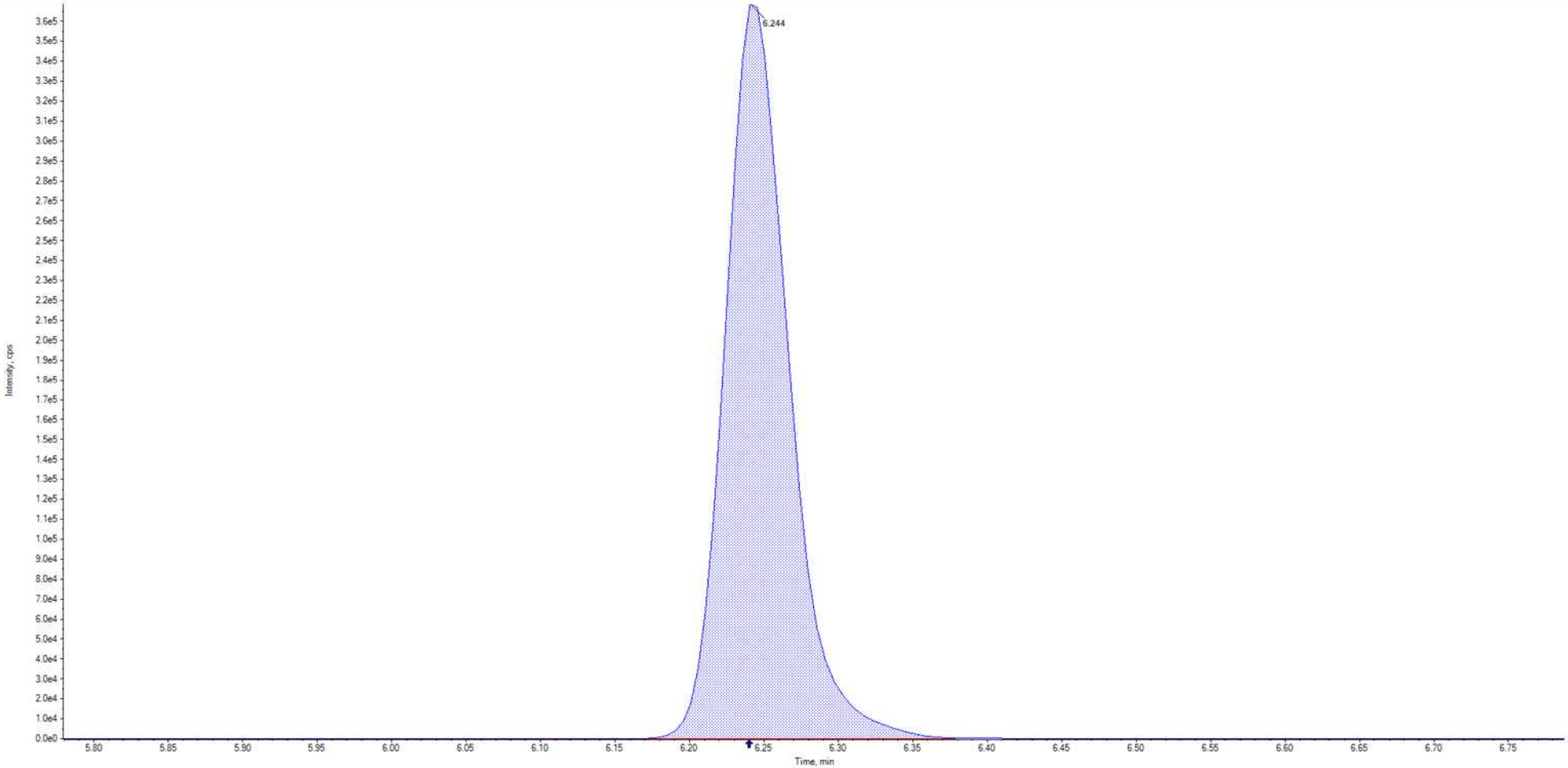


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

13C5-PFHxA
Sample: IA1633STD-.1

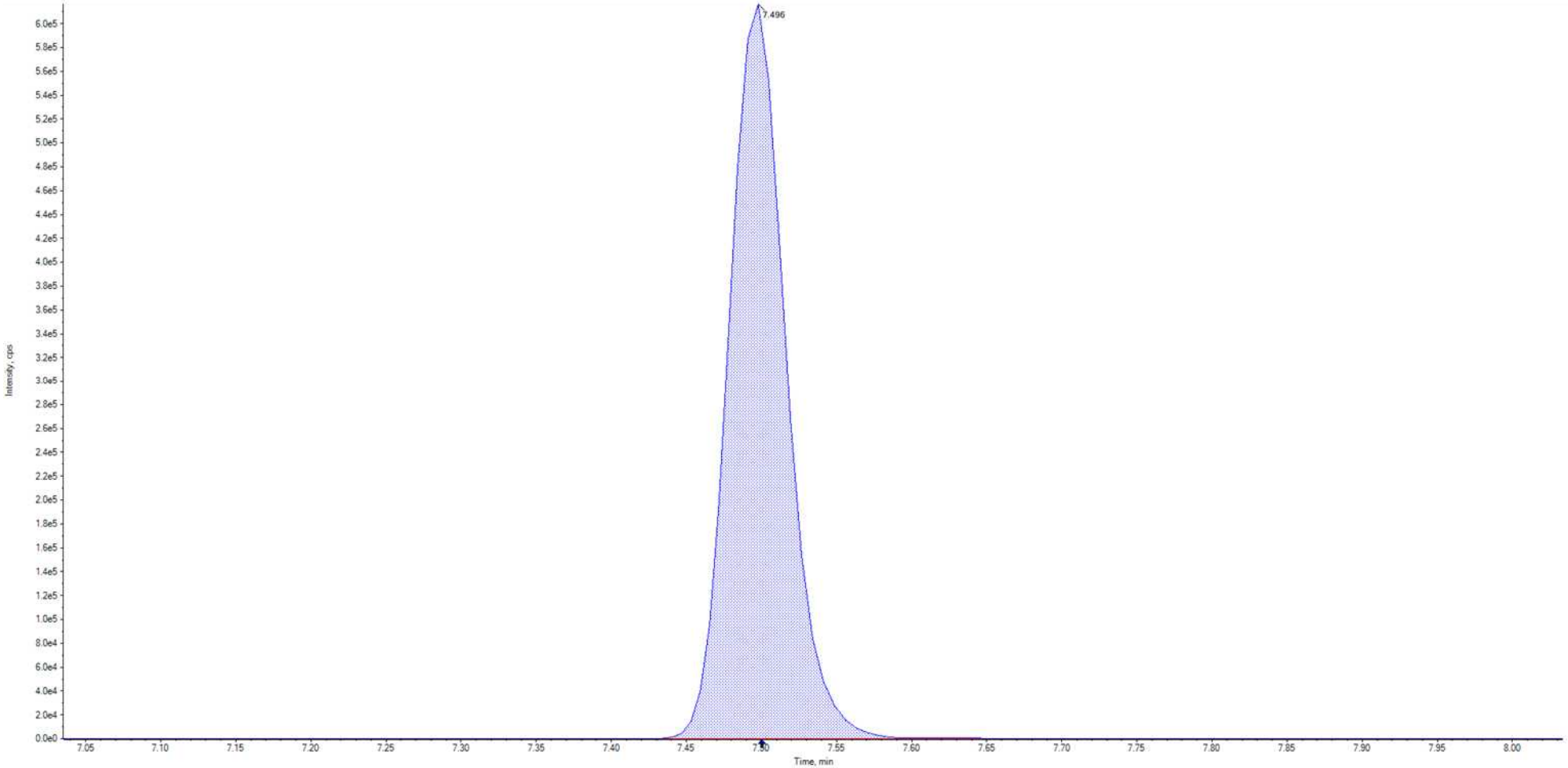


13C4-PFHpA
Sample: IA1633STD-.1

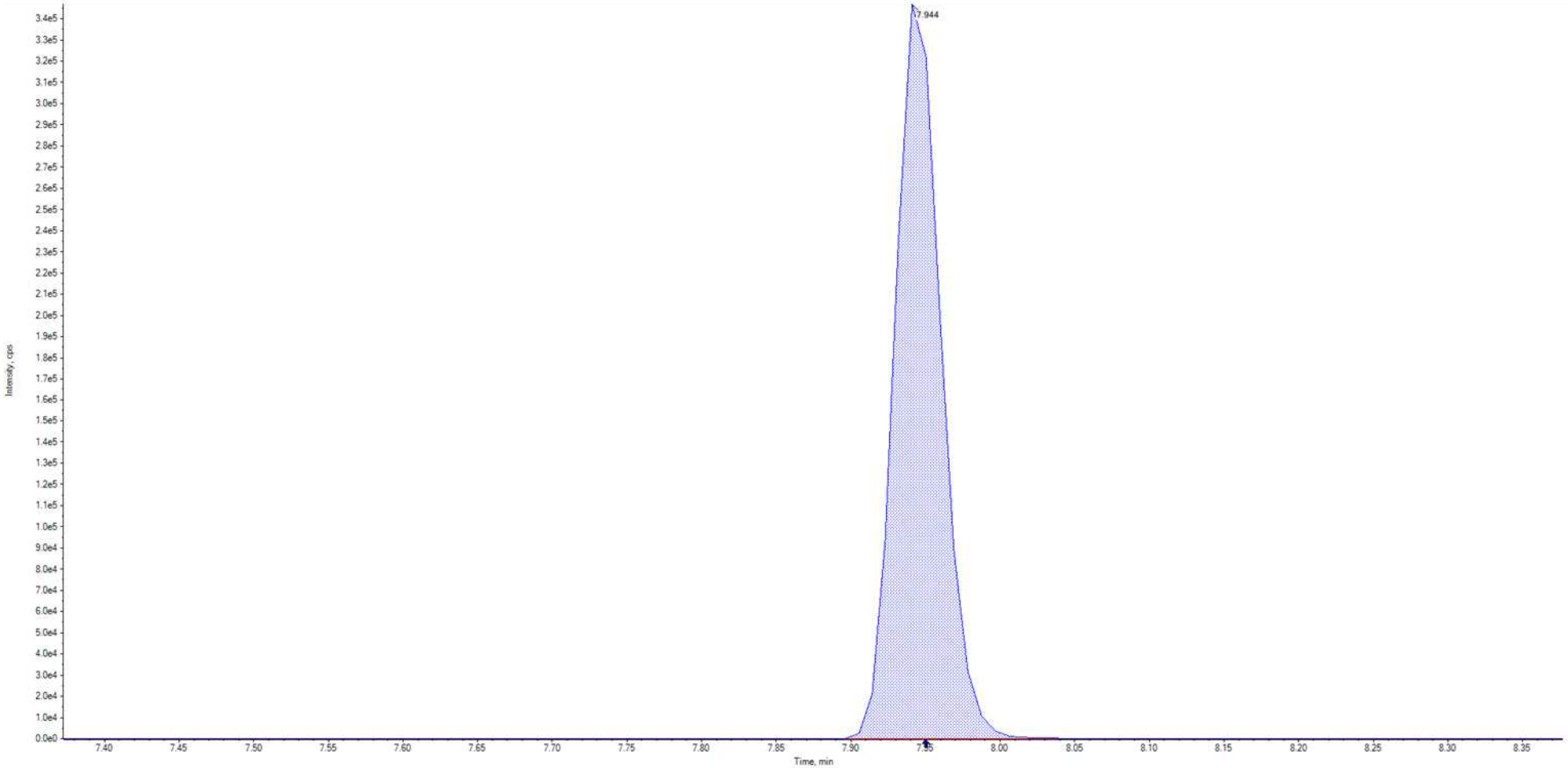


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

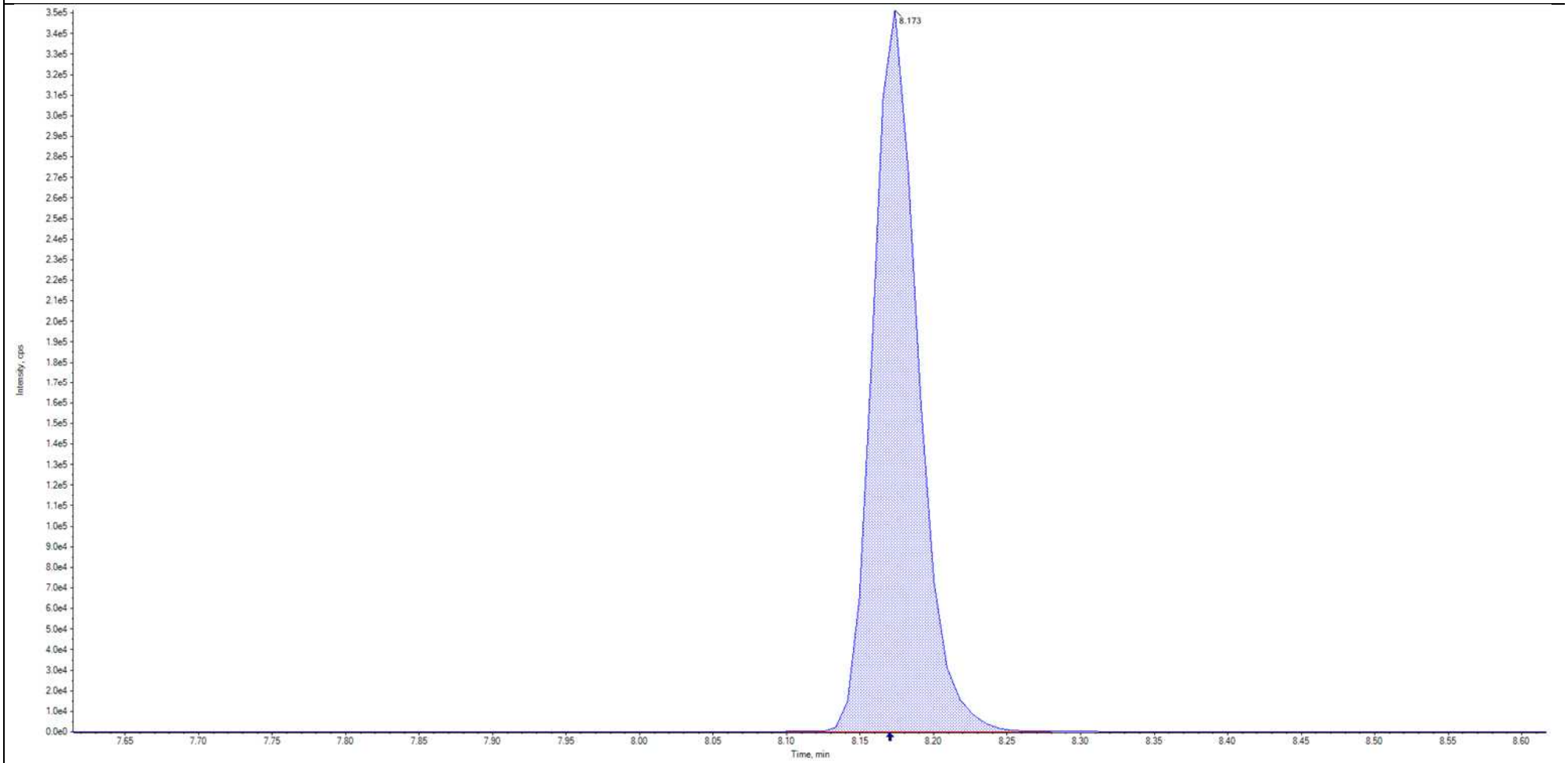
13C8-PFOA
Sample: IA1633STD-.1



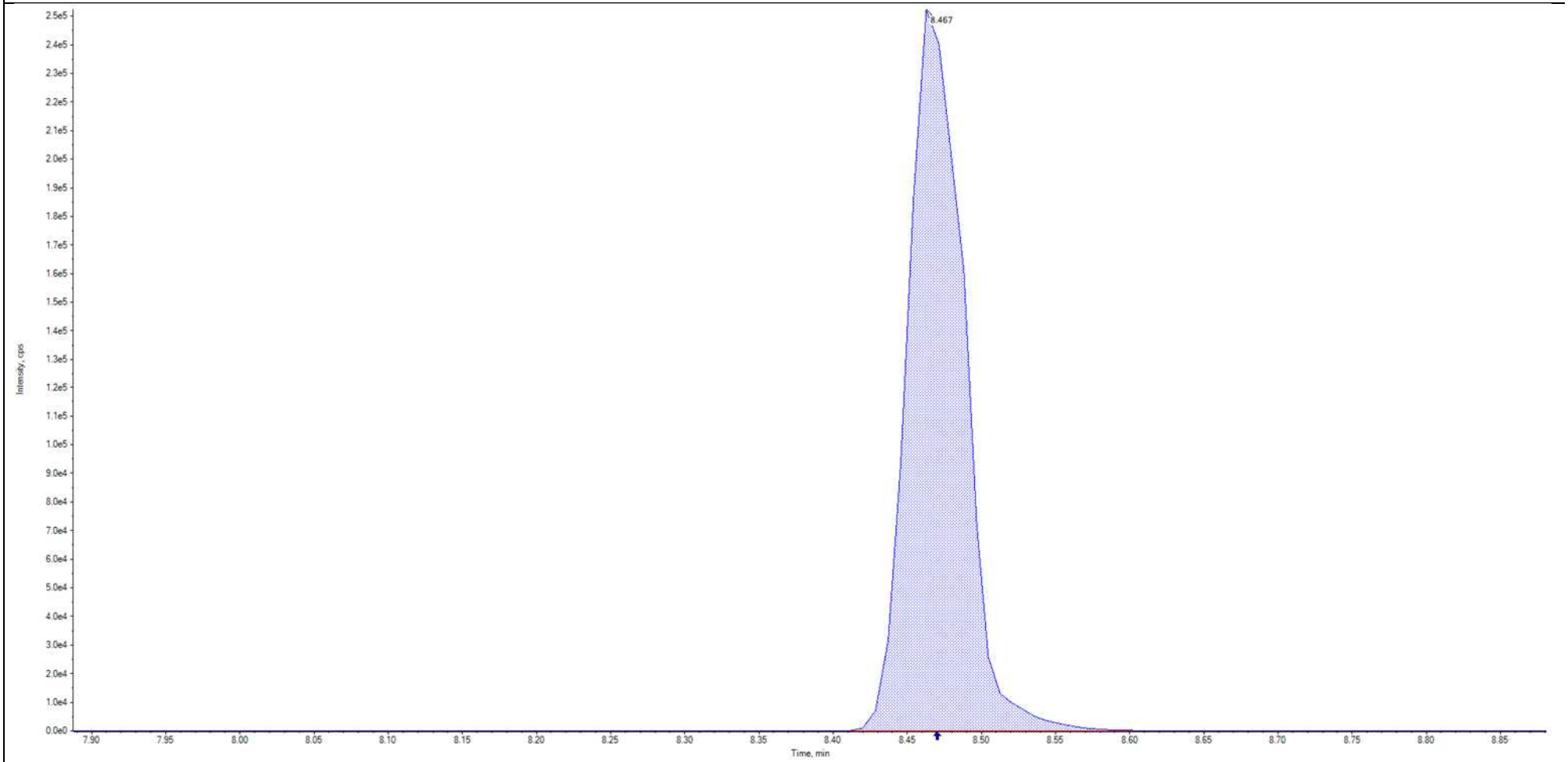
13C9-PFNA
Sample: IA1633STD-.1



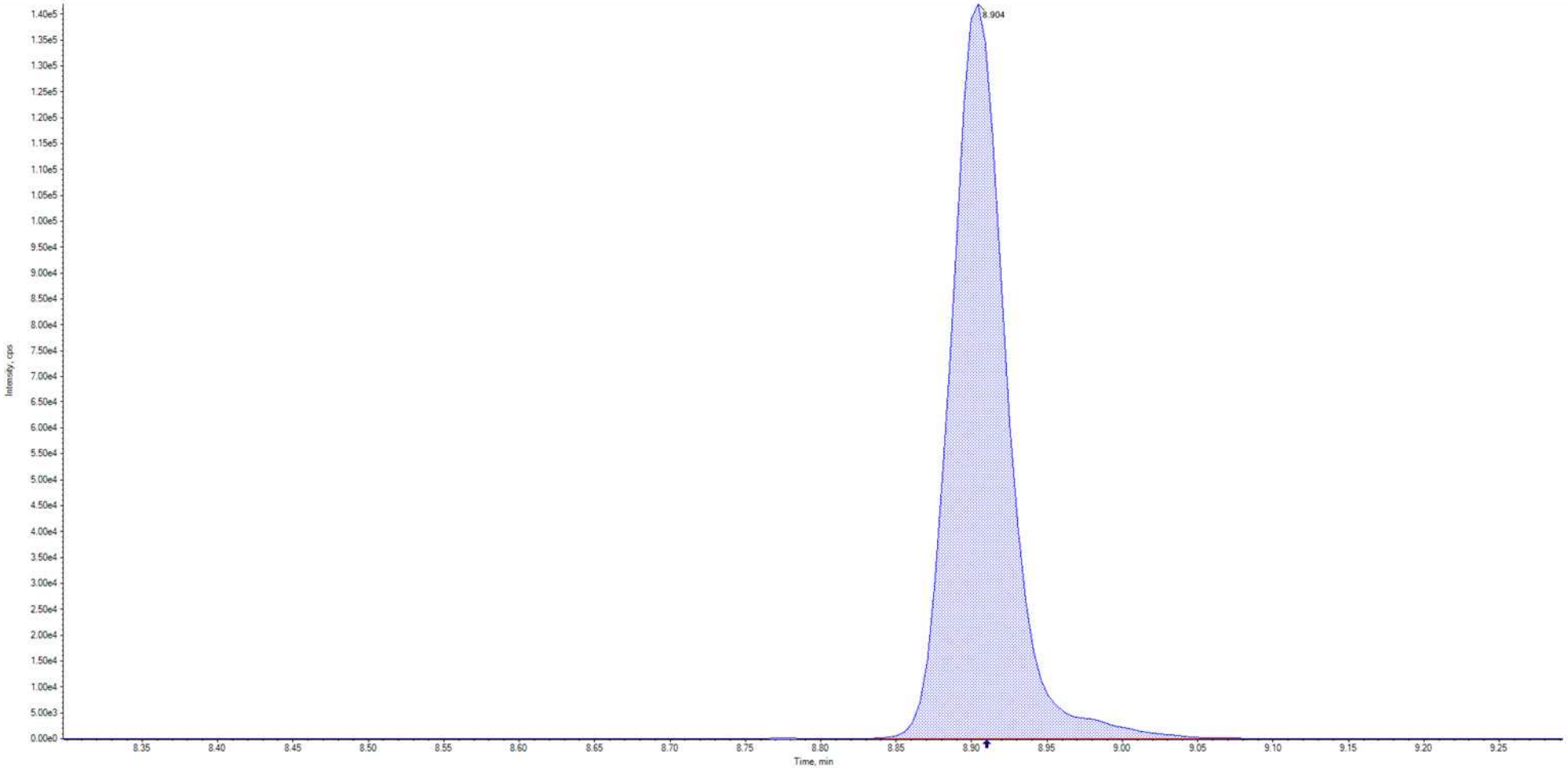
13C6-PFDA
Sample: IA1633STD-.1



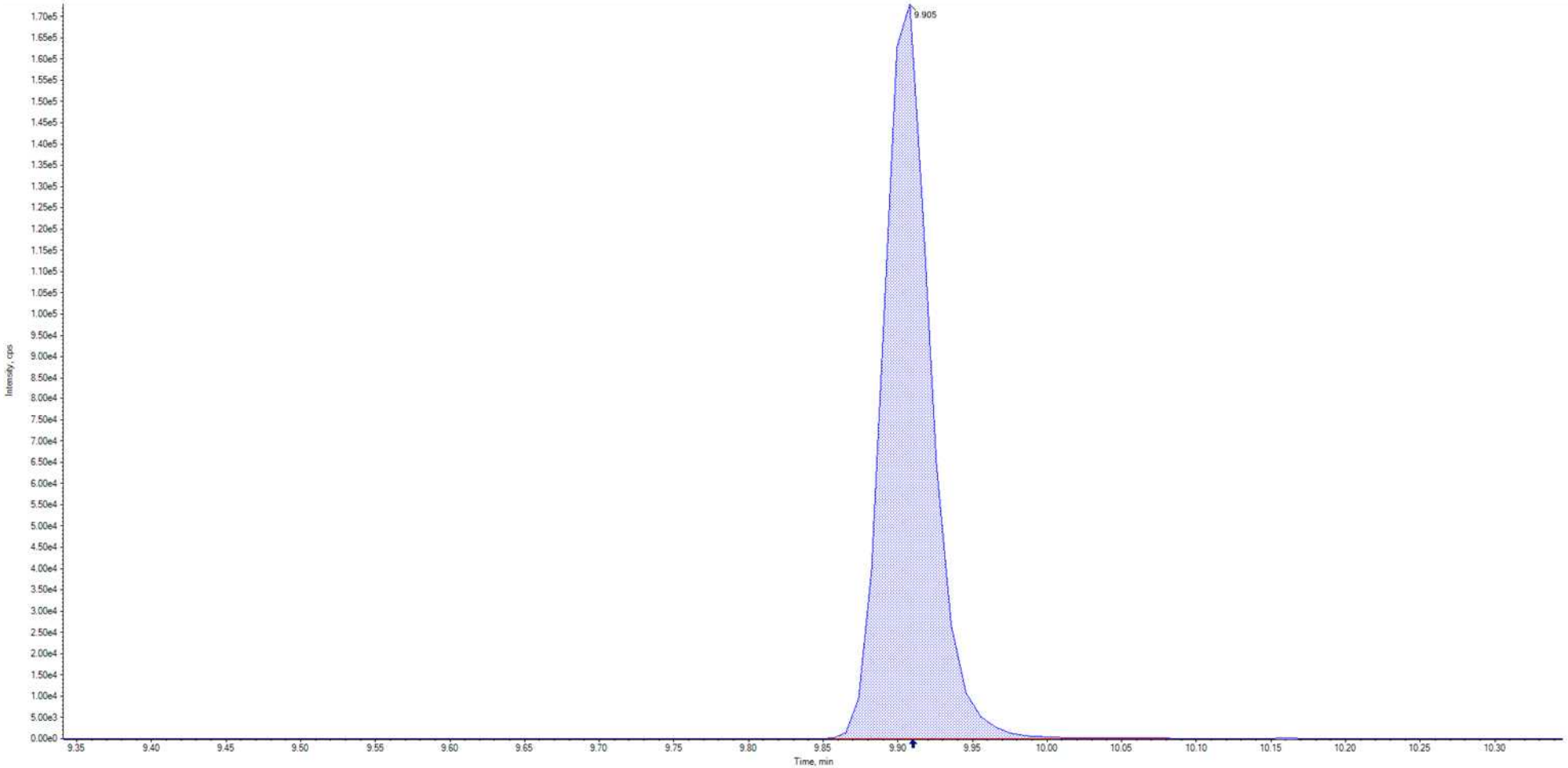
13C7-PFUnA
Sample: IA1633STD-.1



13C2-PFDoA
Sample: IA1633STD-.1

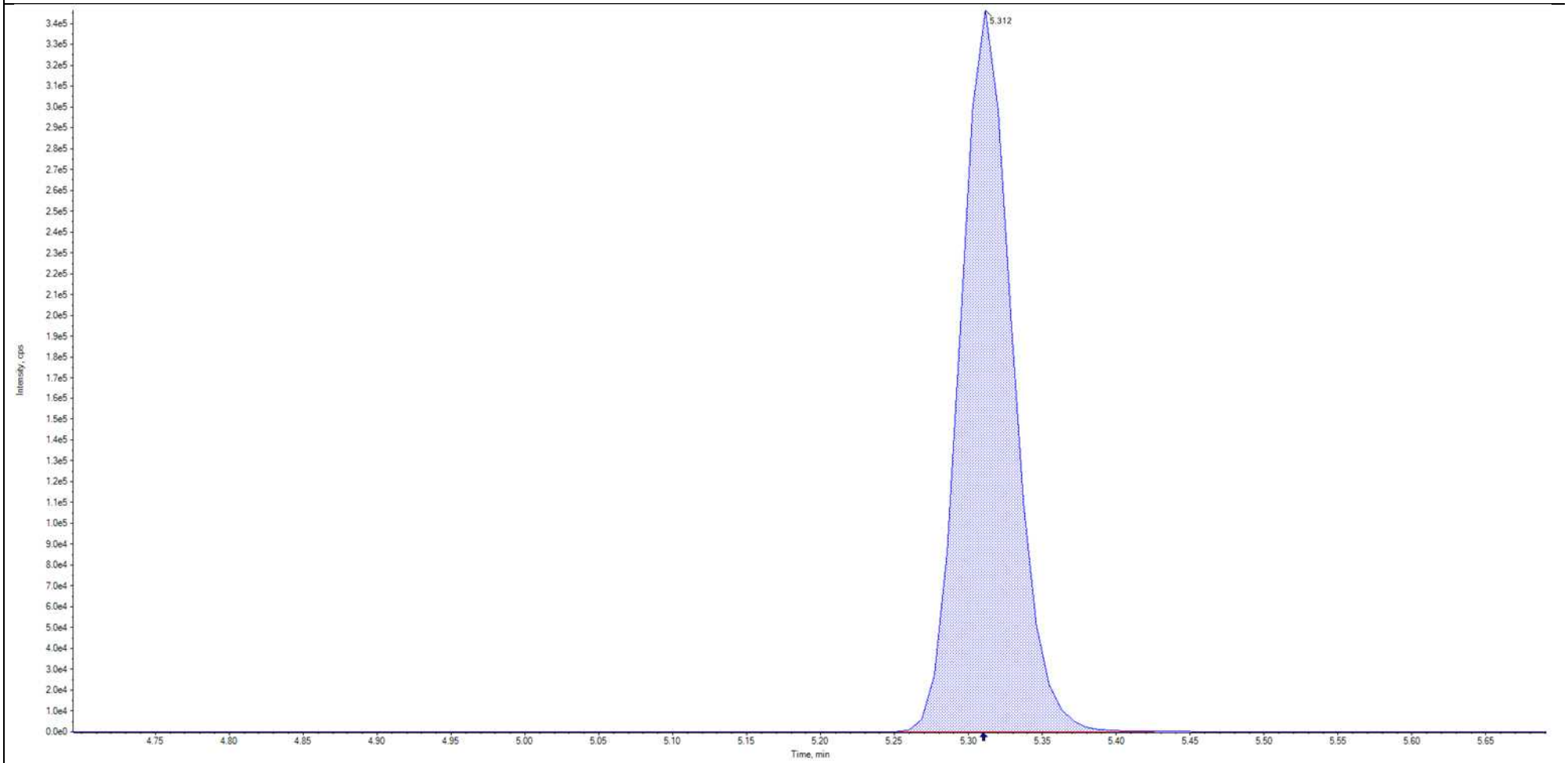


13C2-PFTeDA
Sample: IA1633STD-.1

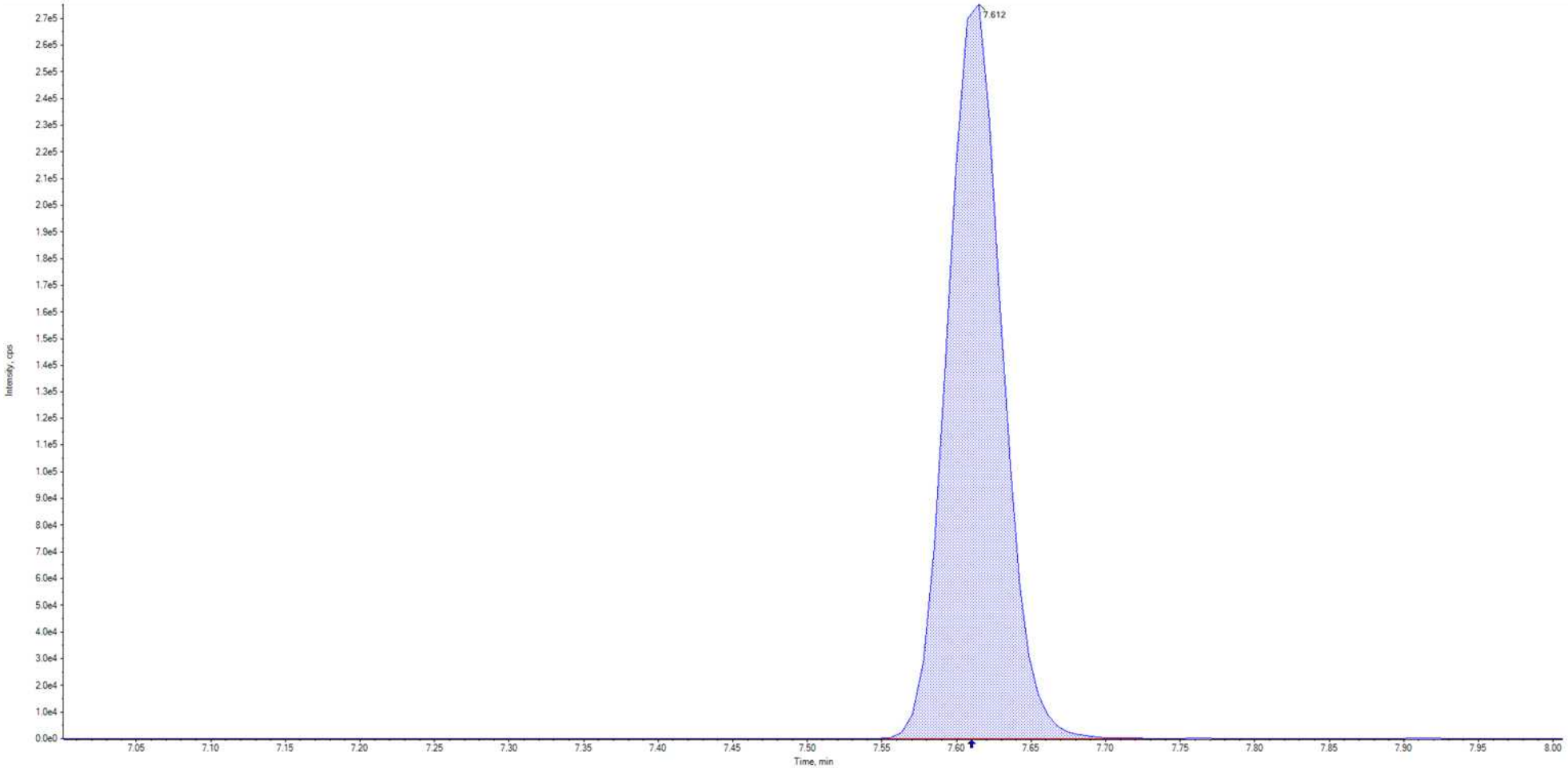


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

13C3-PFBS
Sample: IA1633STD-.1

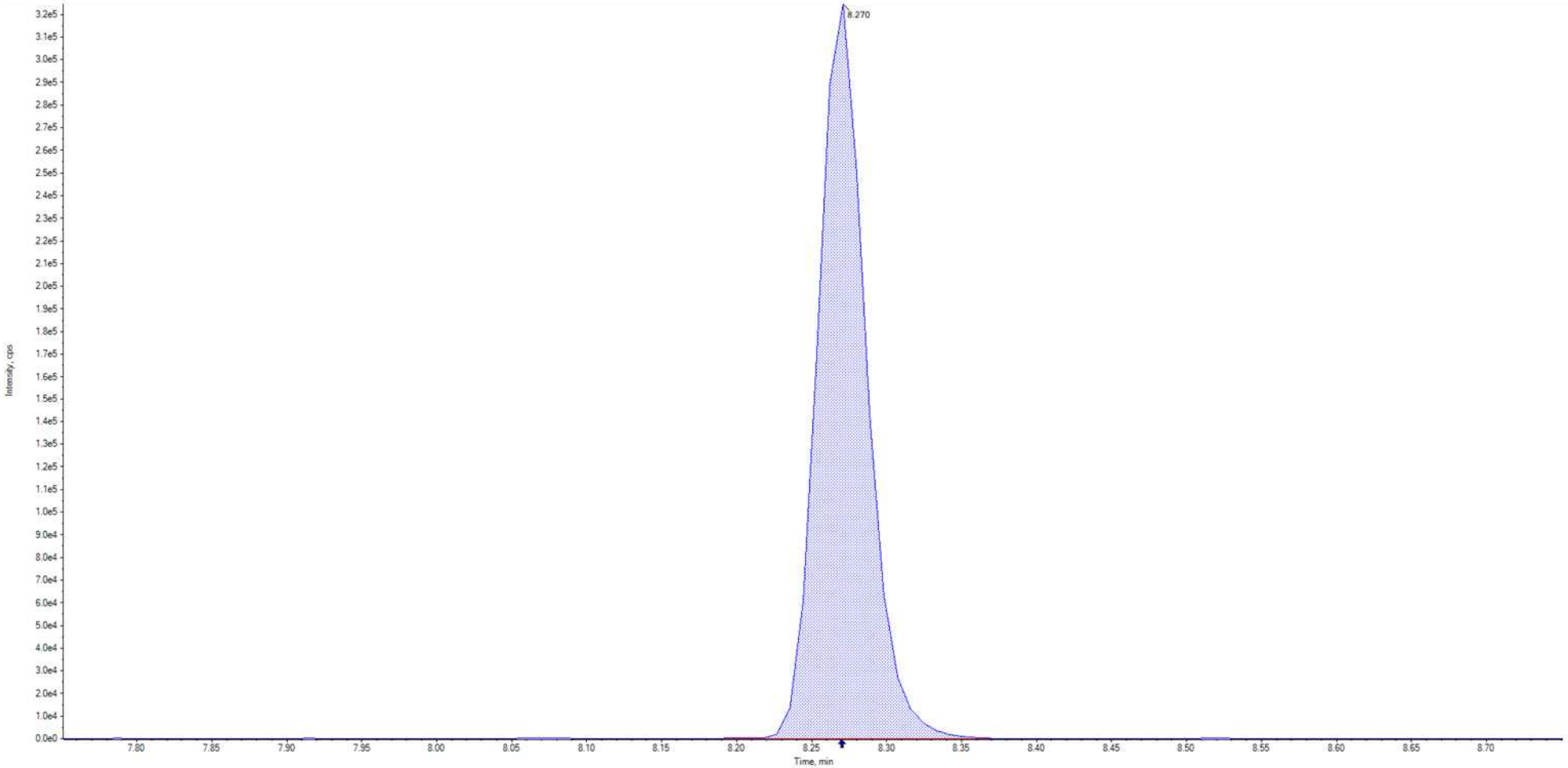


13C3-PFHxS
Sample: IA1633STD-.1

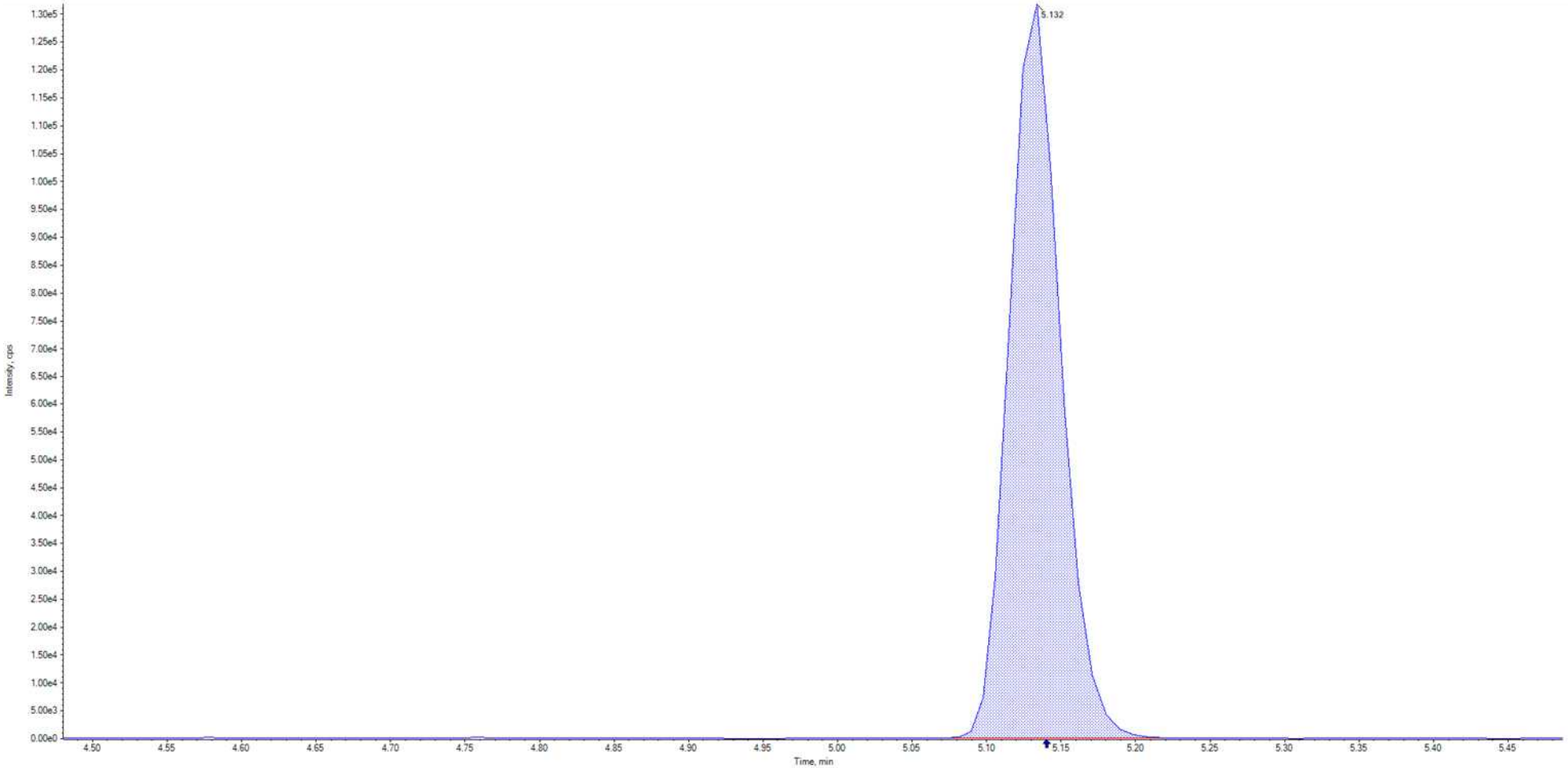


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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

13C8-PFOS
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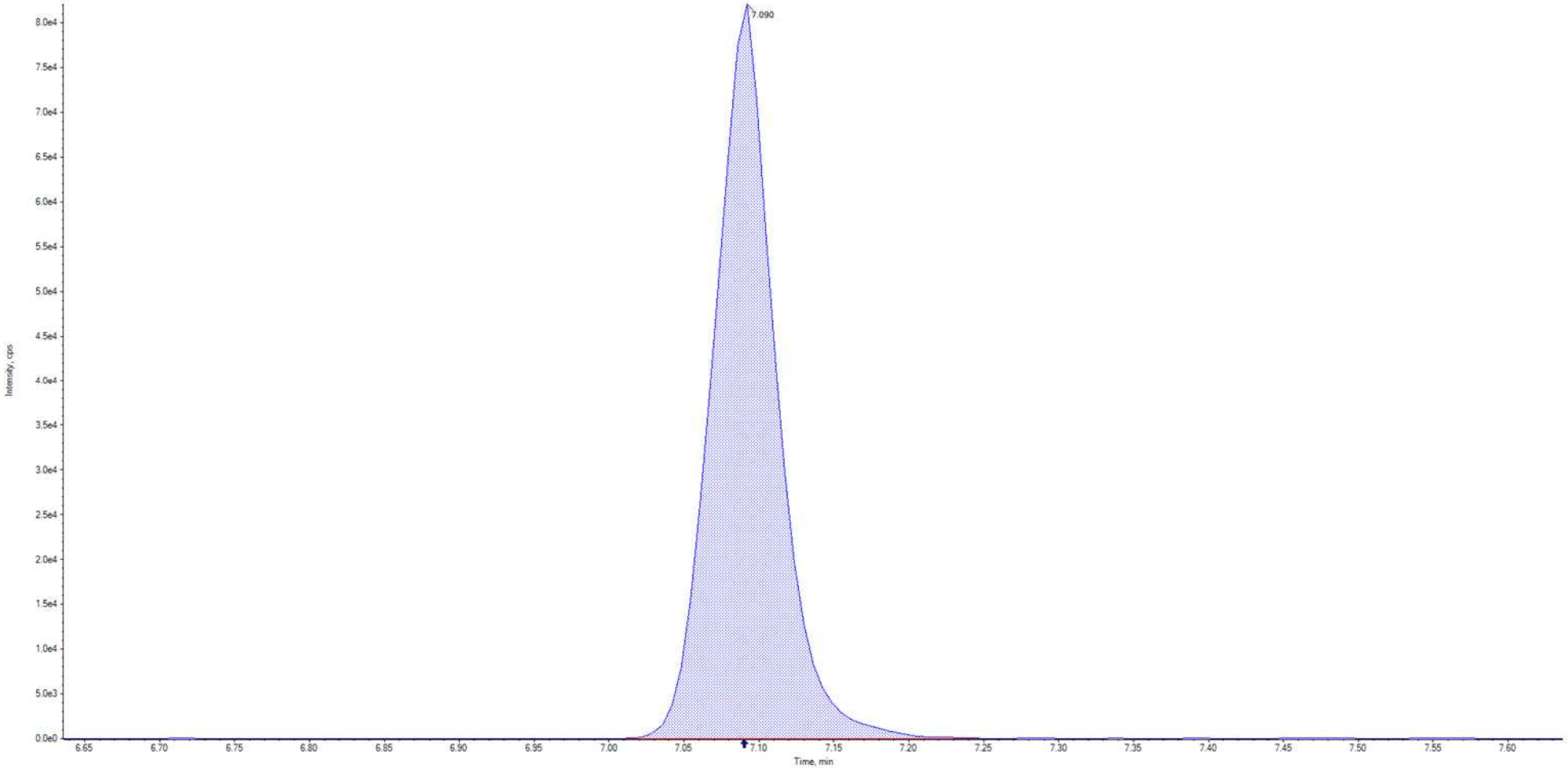


13C2-4:2FTS
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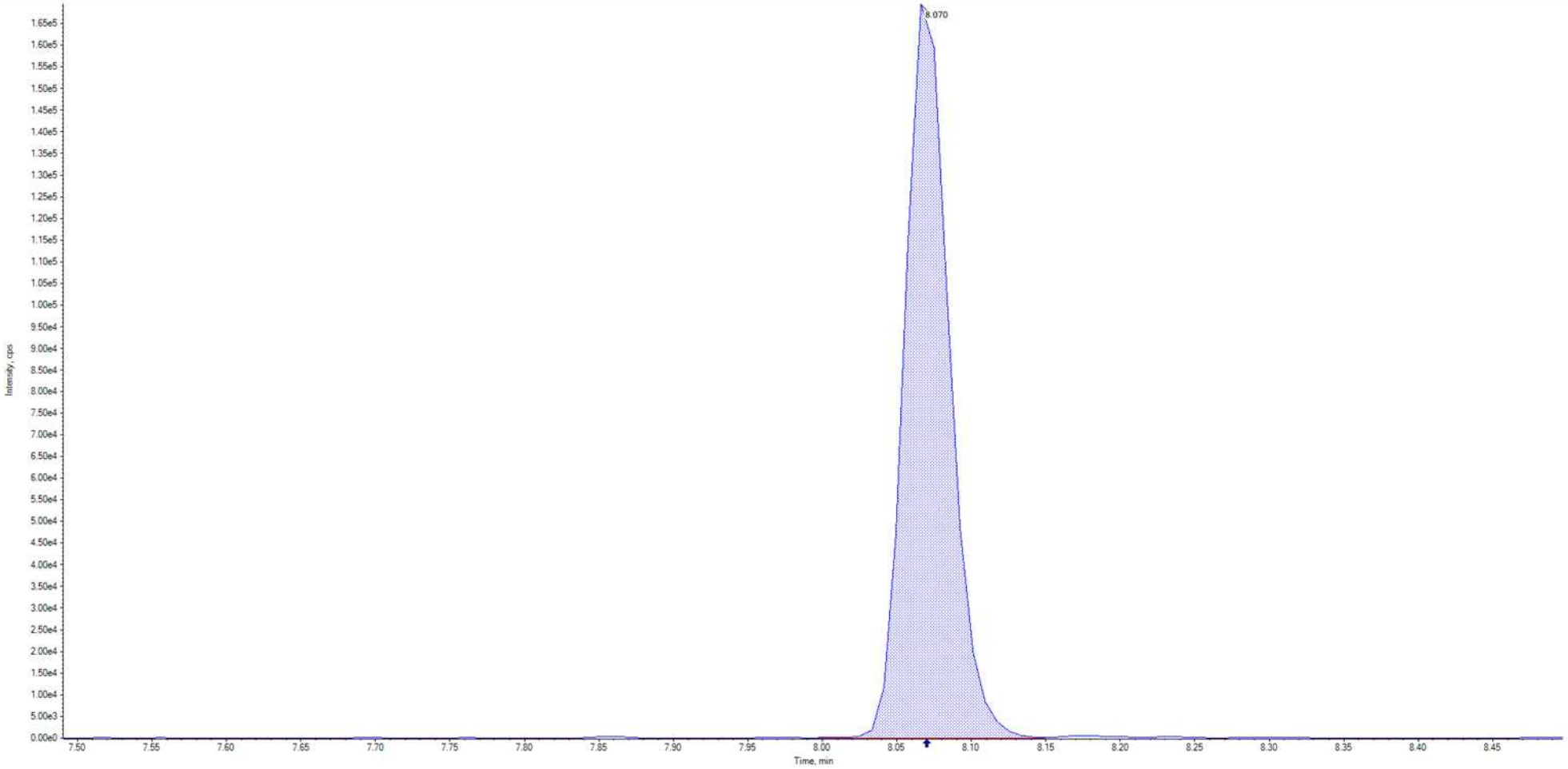


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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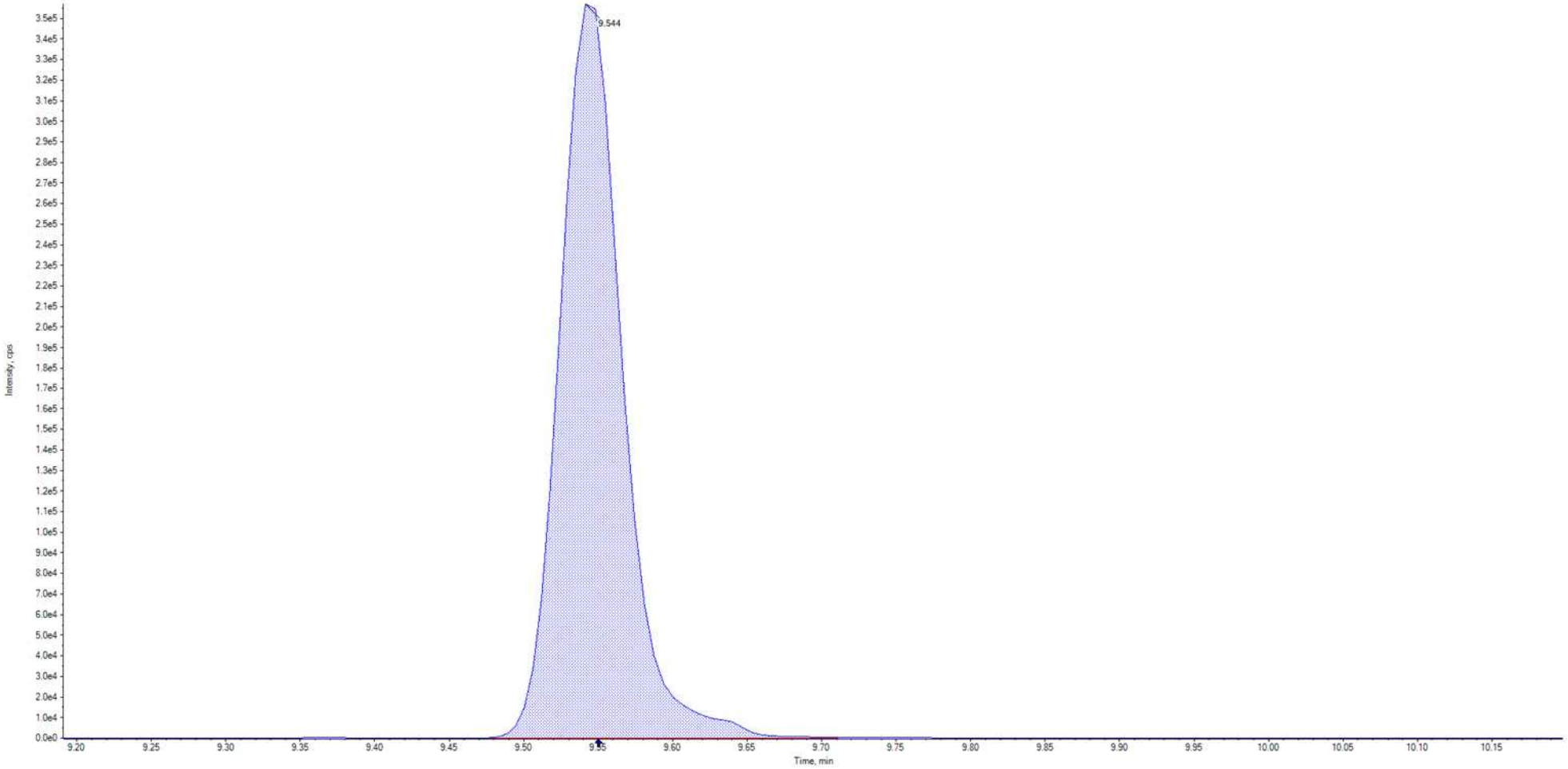
13C2-6:2FTS
Sample: IA1633STD-.1



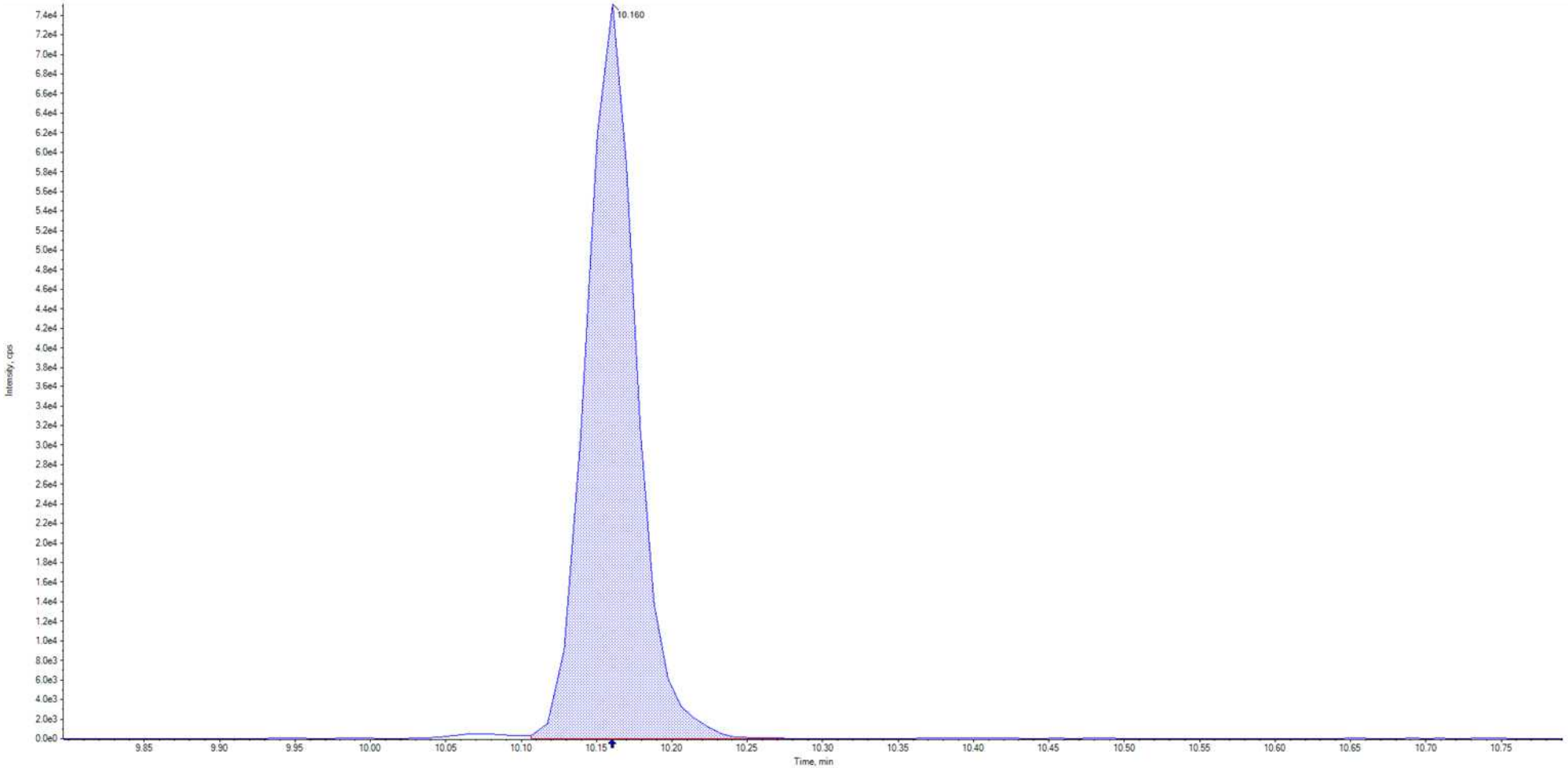
13C2-8:2FTS
Sample: IA1633STD-.1



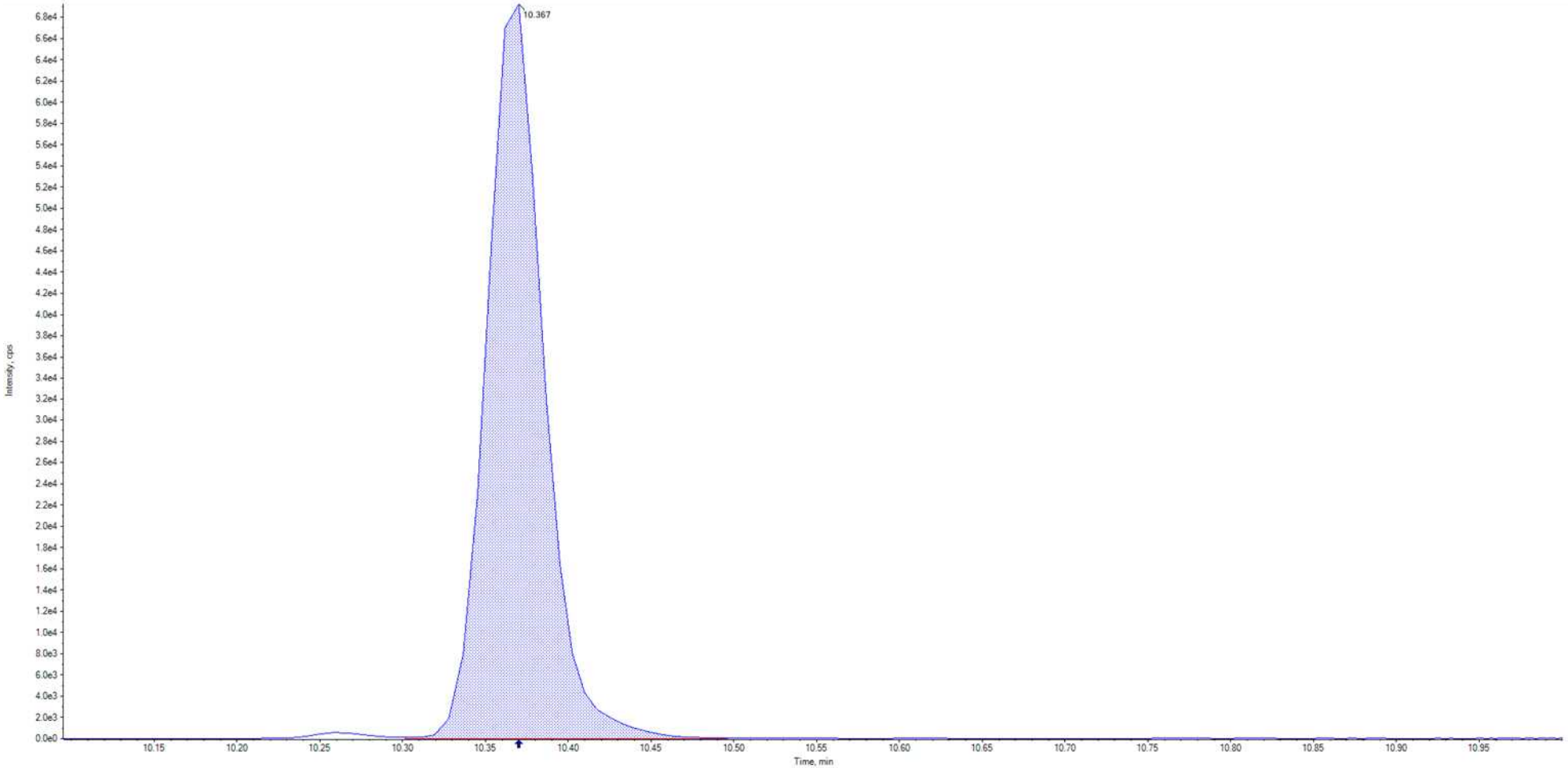
13C8-PFOSA
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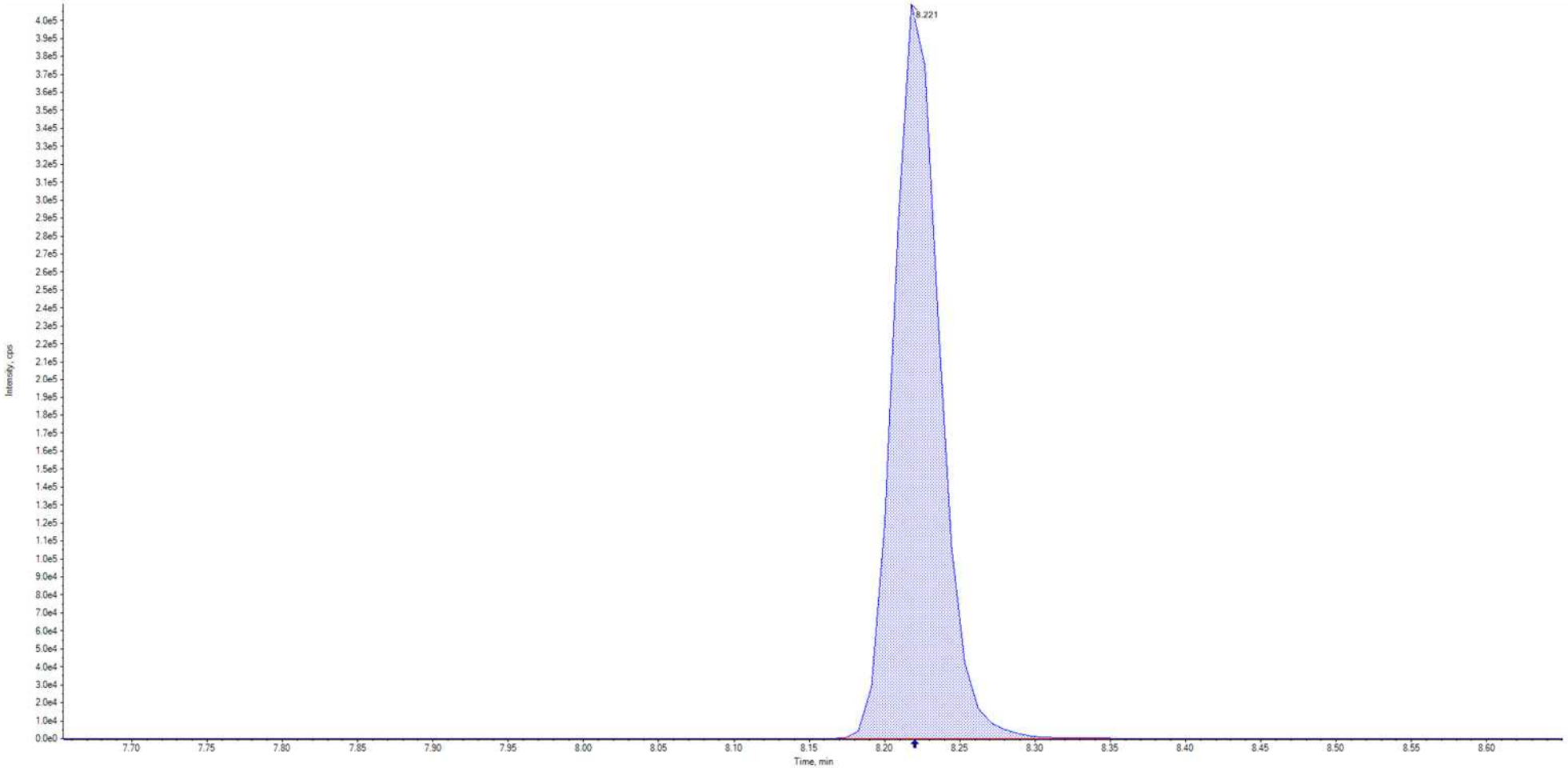
d3-NMeFOSA
Sample: IA1633STD-.1



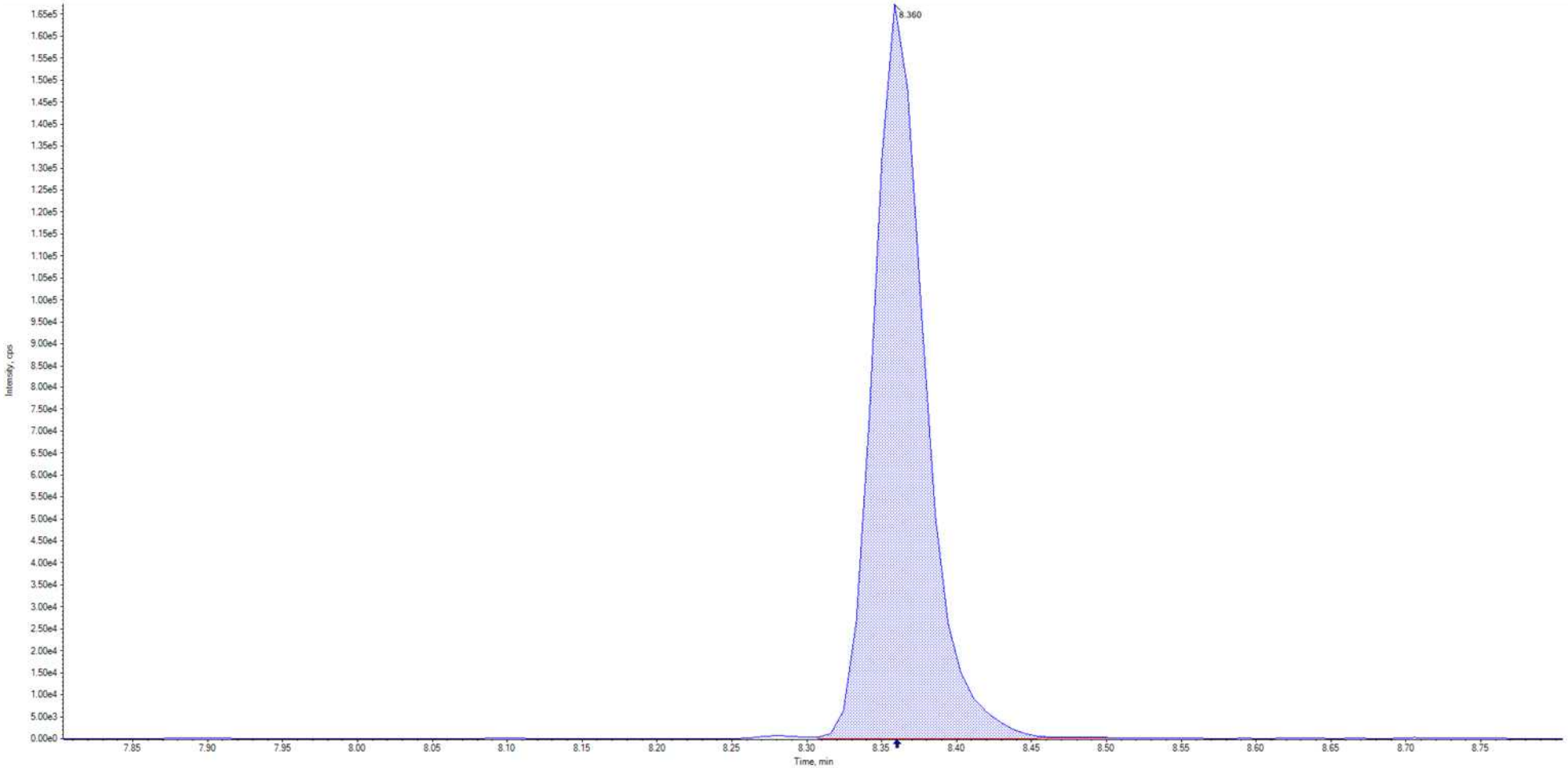
d5-NEtFOSA
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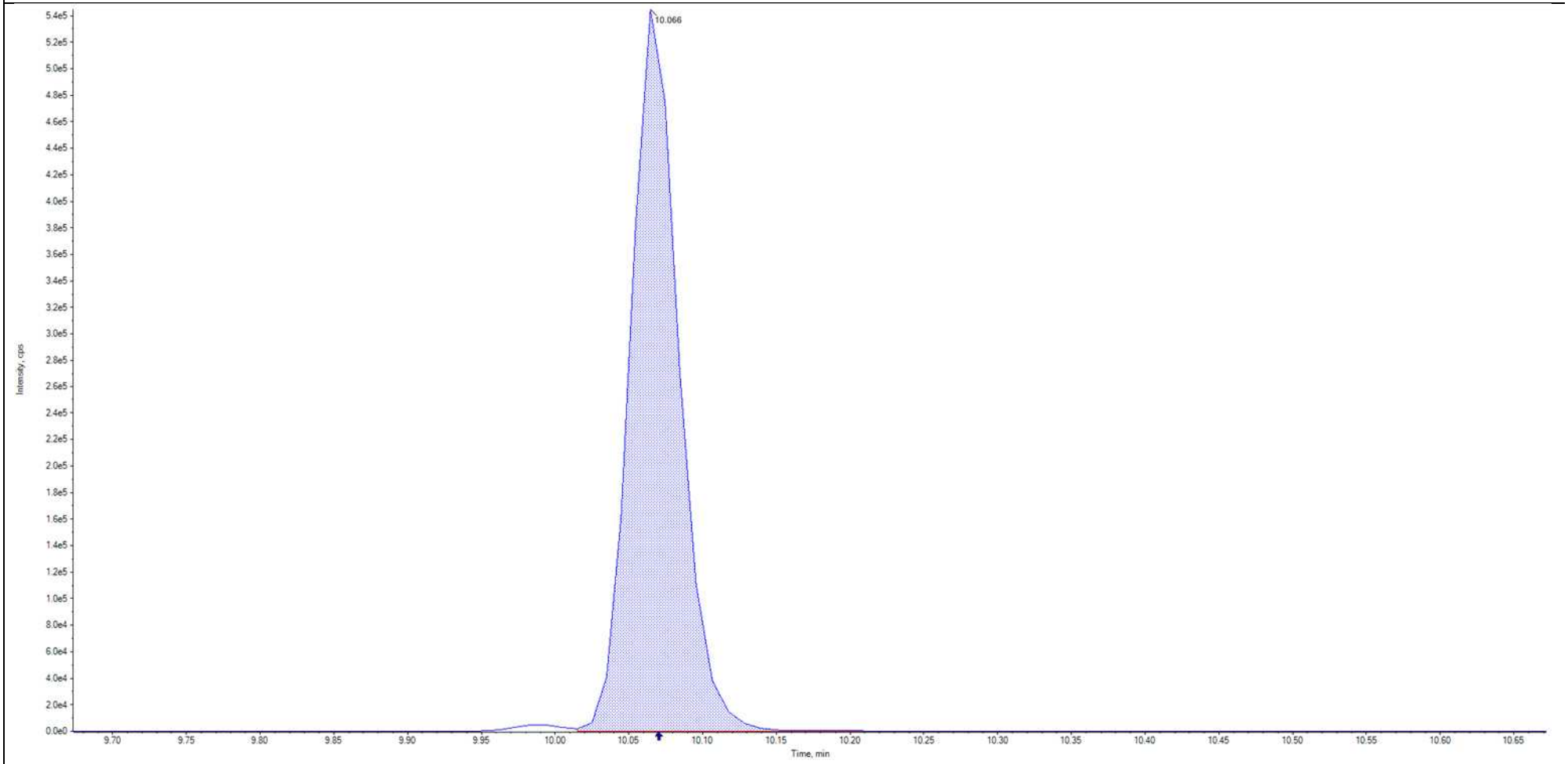
d3-NMeFOSAA
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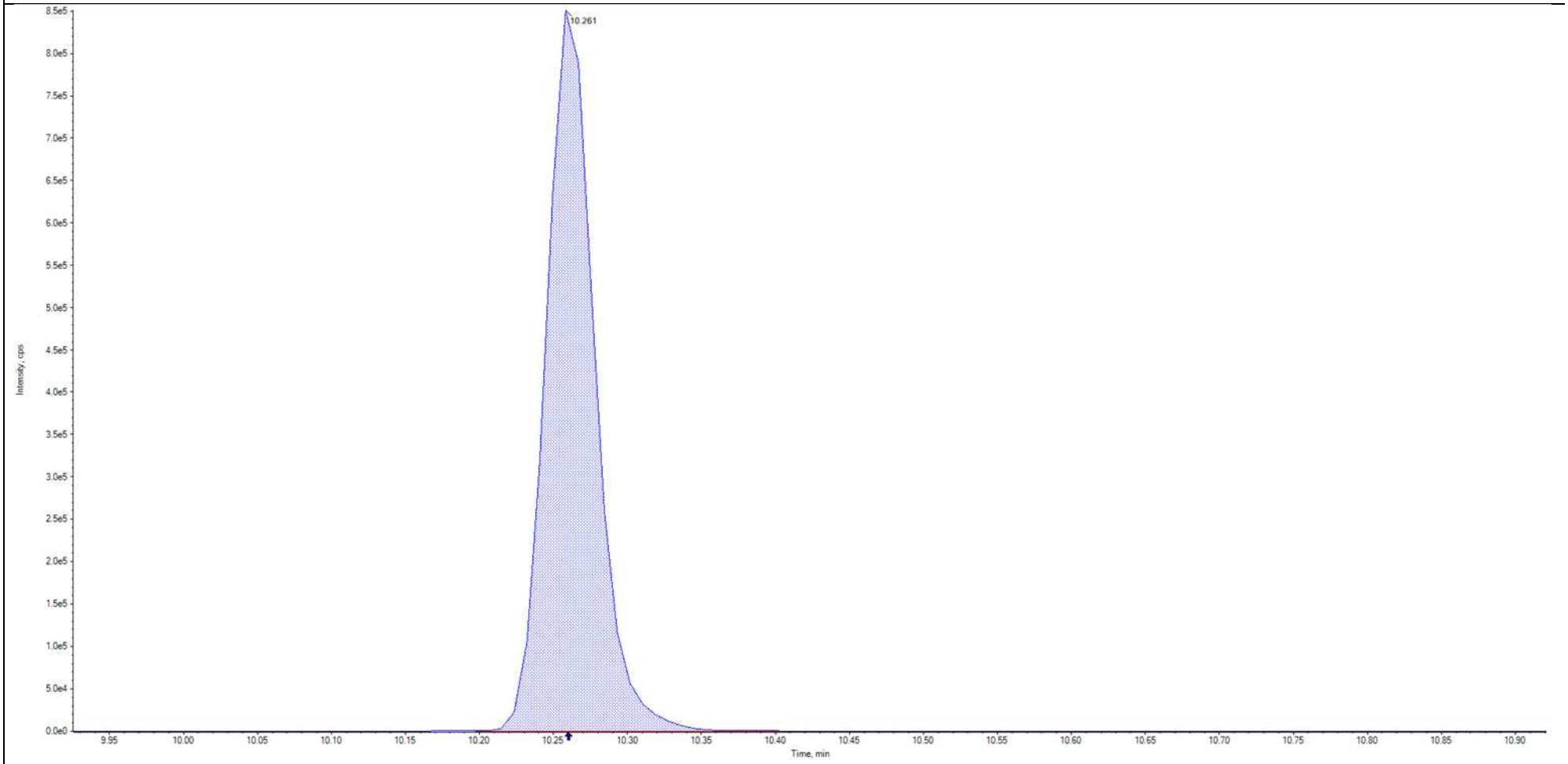
d5-NEtFOSAA
Sample: IA1633STD-.1



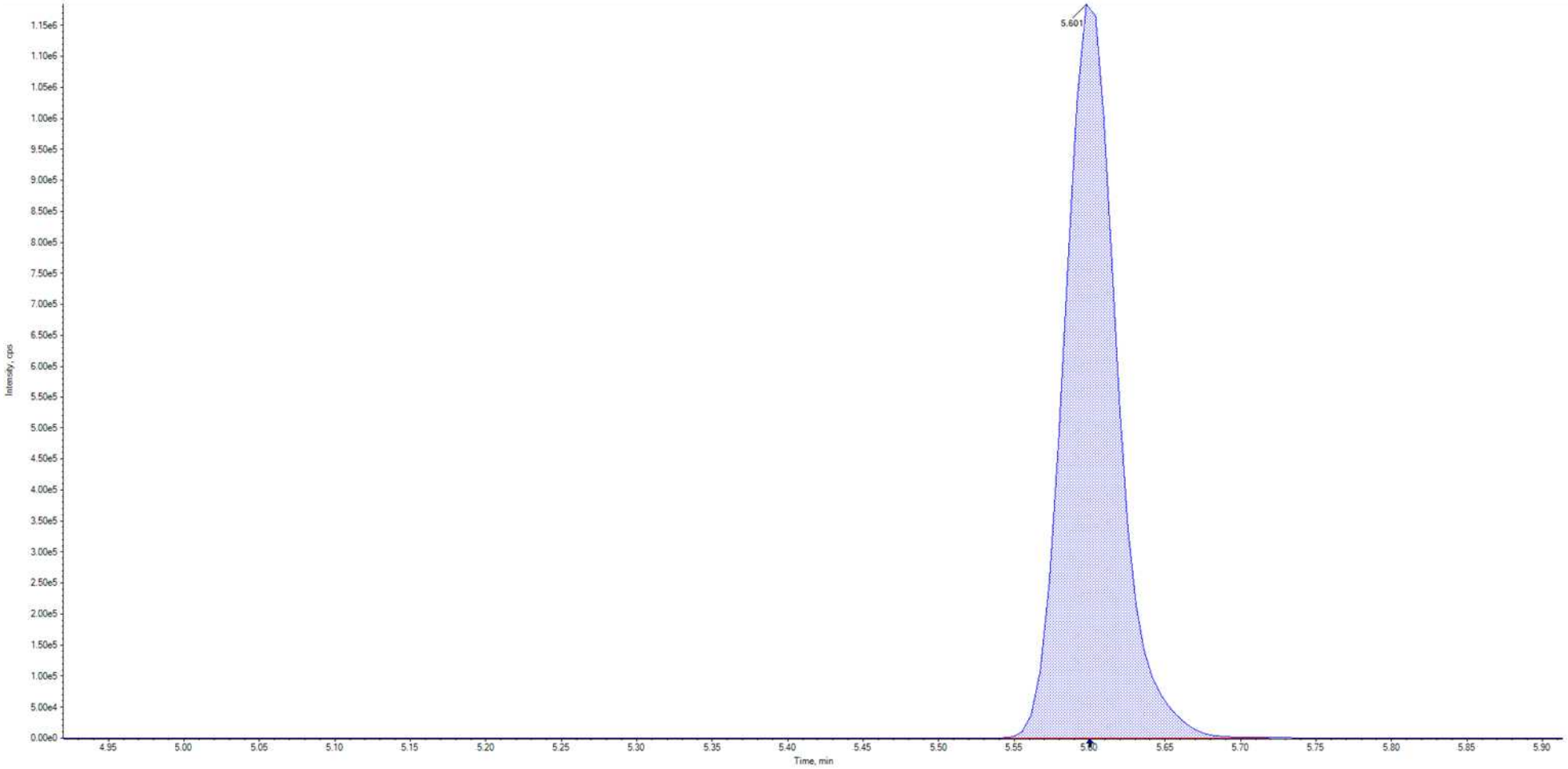
d7-NMeFOSE
Sample: IA1633STD-.1



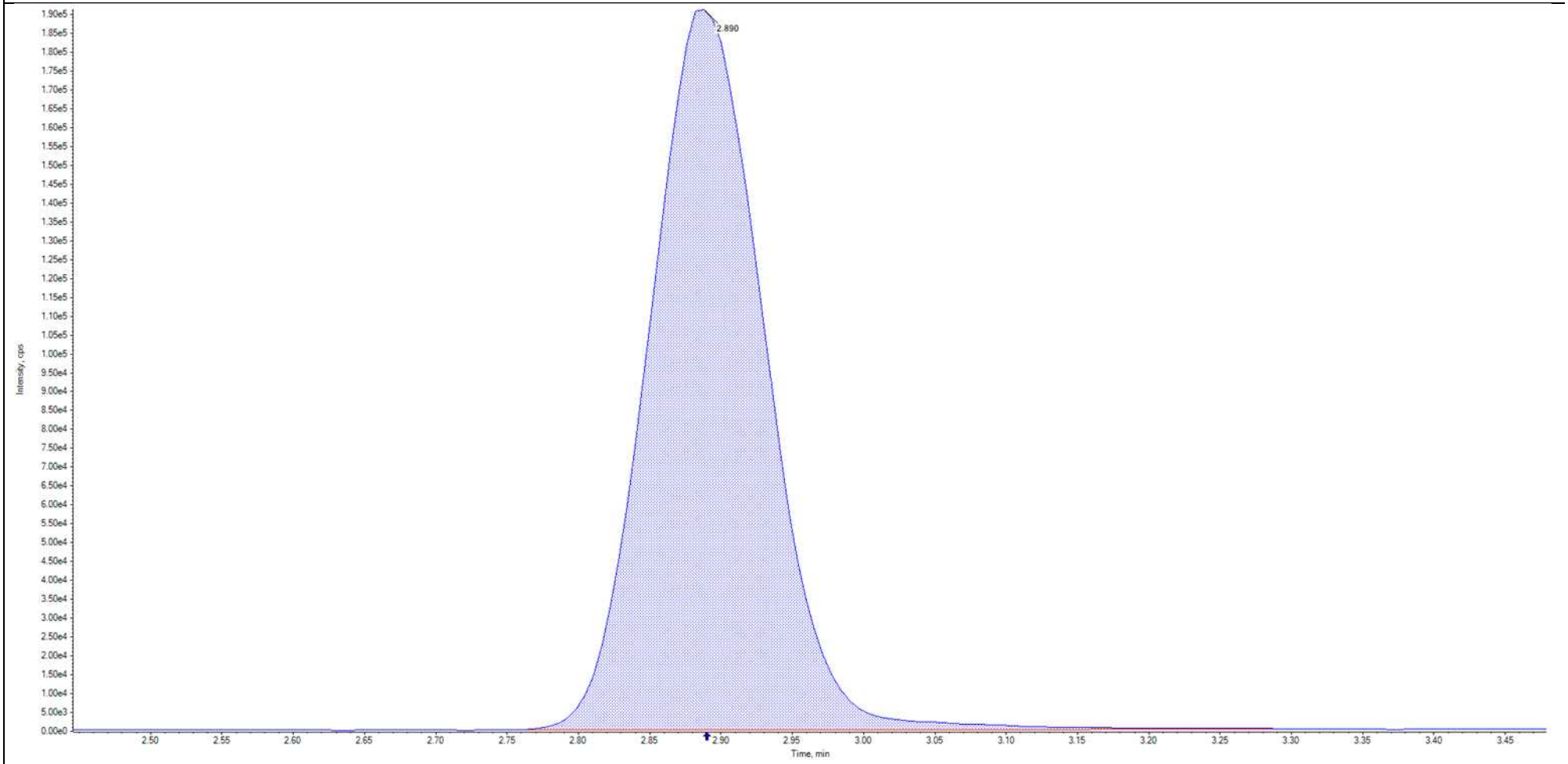
d9-NEtFOSE
Sample: IA1633STD-.1



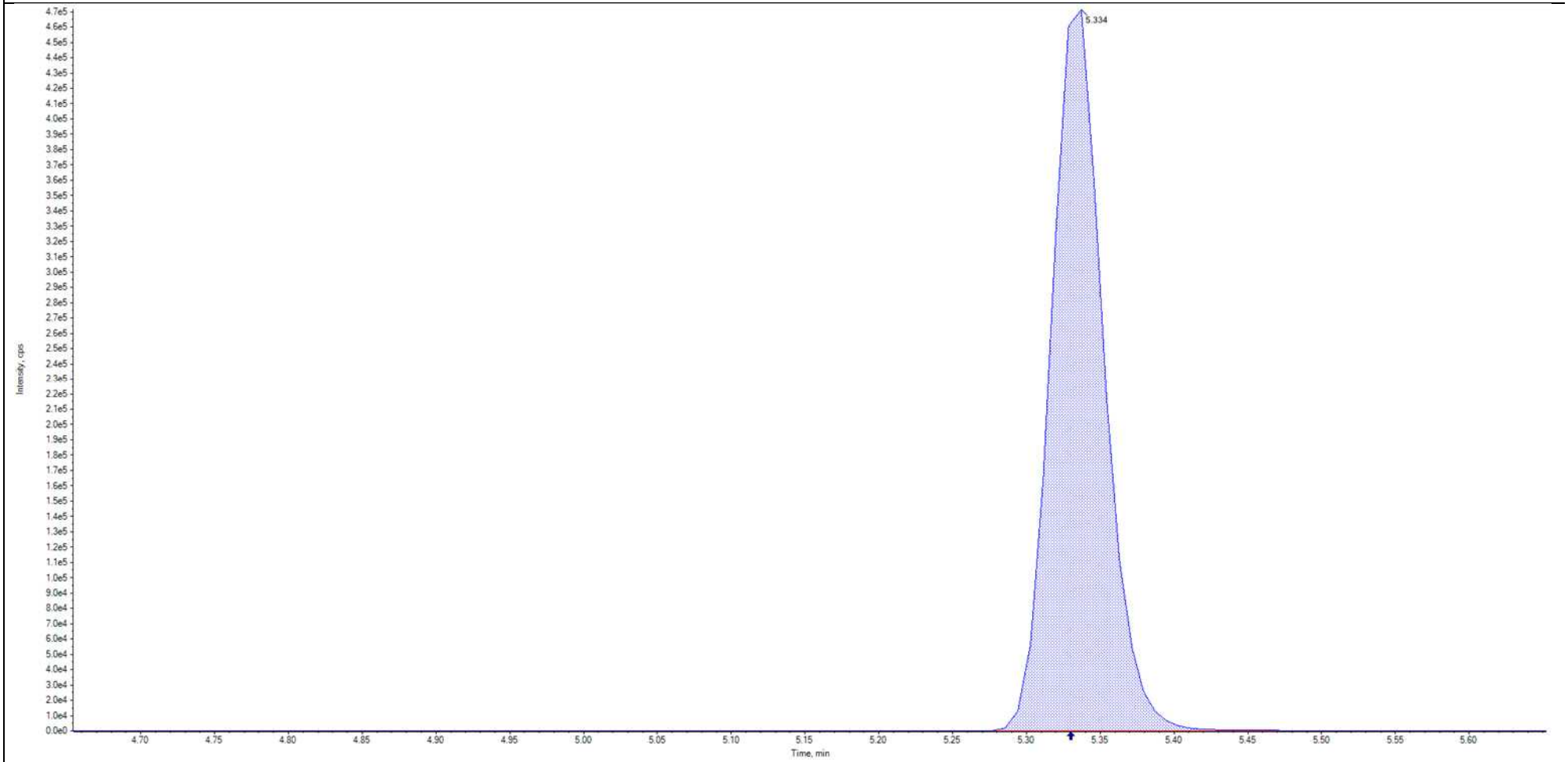
13C3-HFPO-DA
Sample: IA1633STD-.1



13C3-PFBA
Sample: IA1633STD-.1

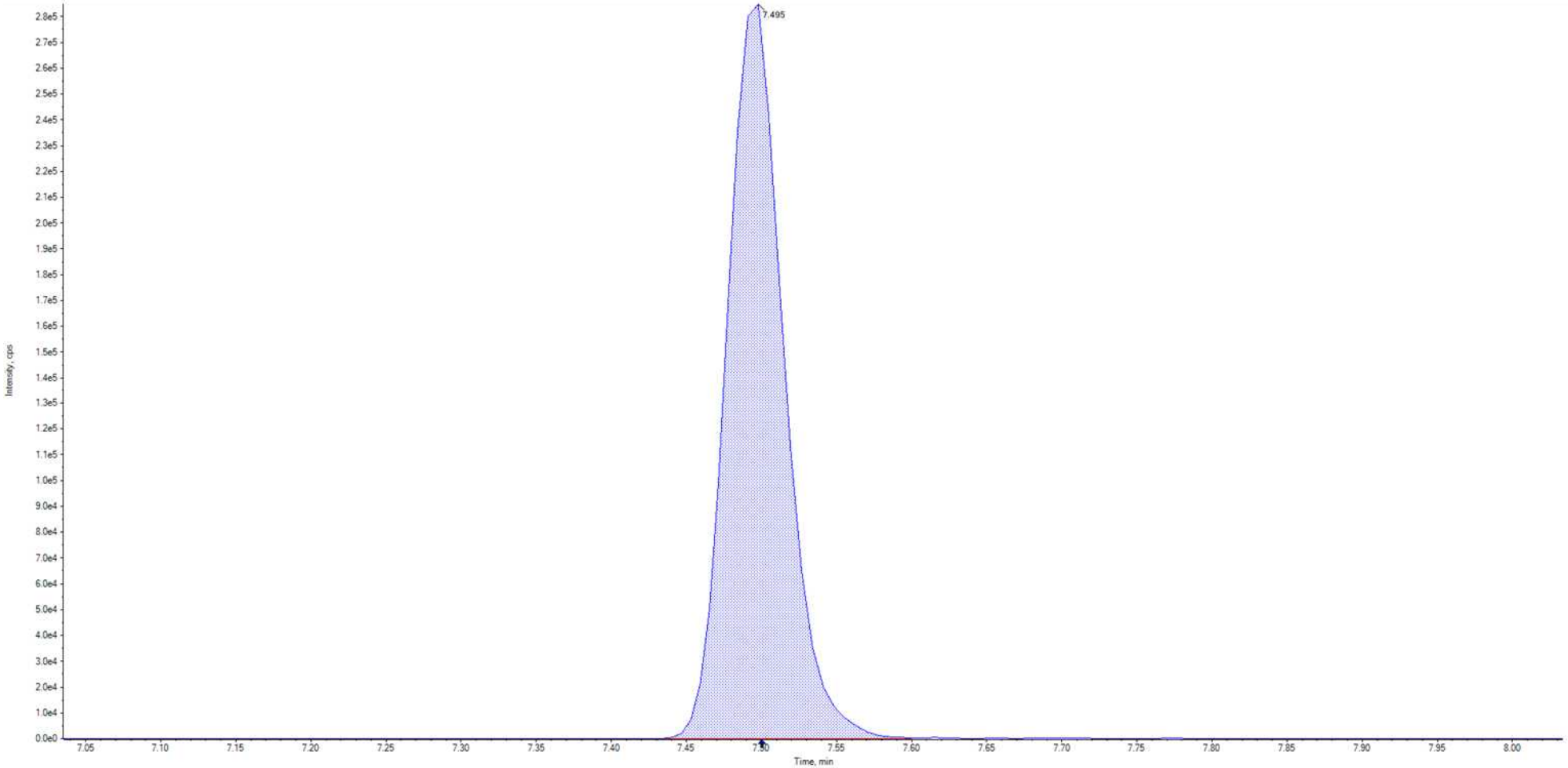


13C2-PFHxA
Sample: IA1633STD-.1

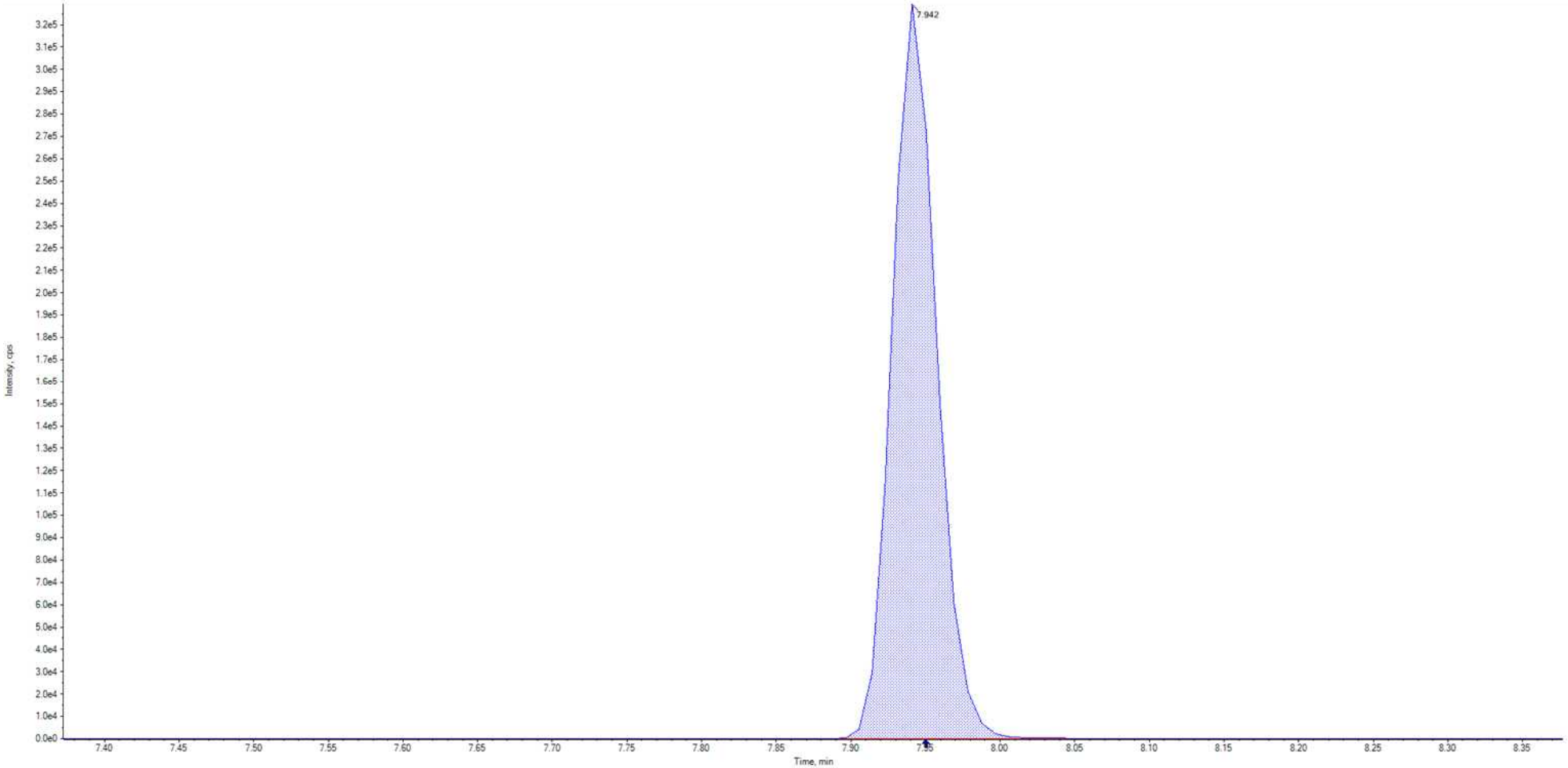


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

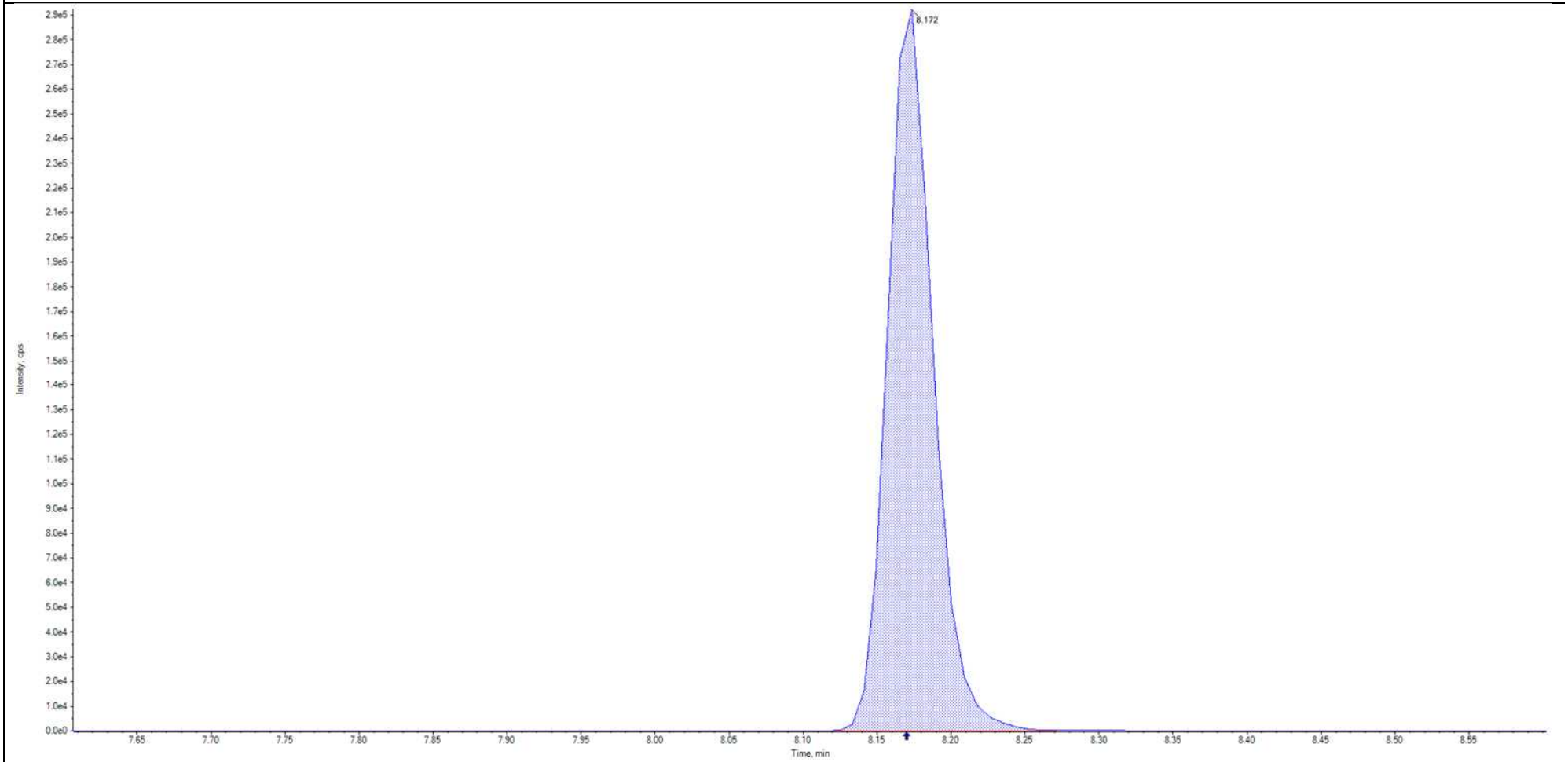
13C4-PFOA
Sample: IA1633STD-.1



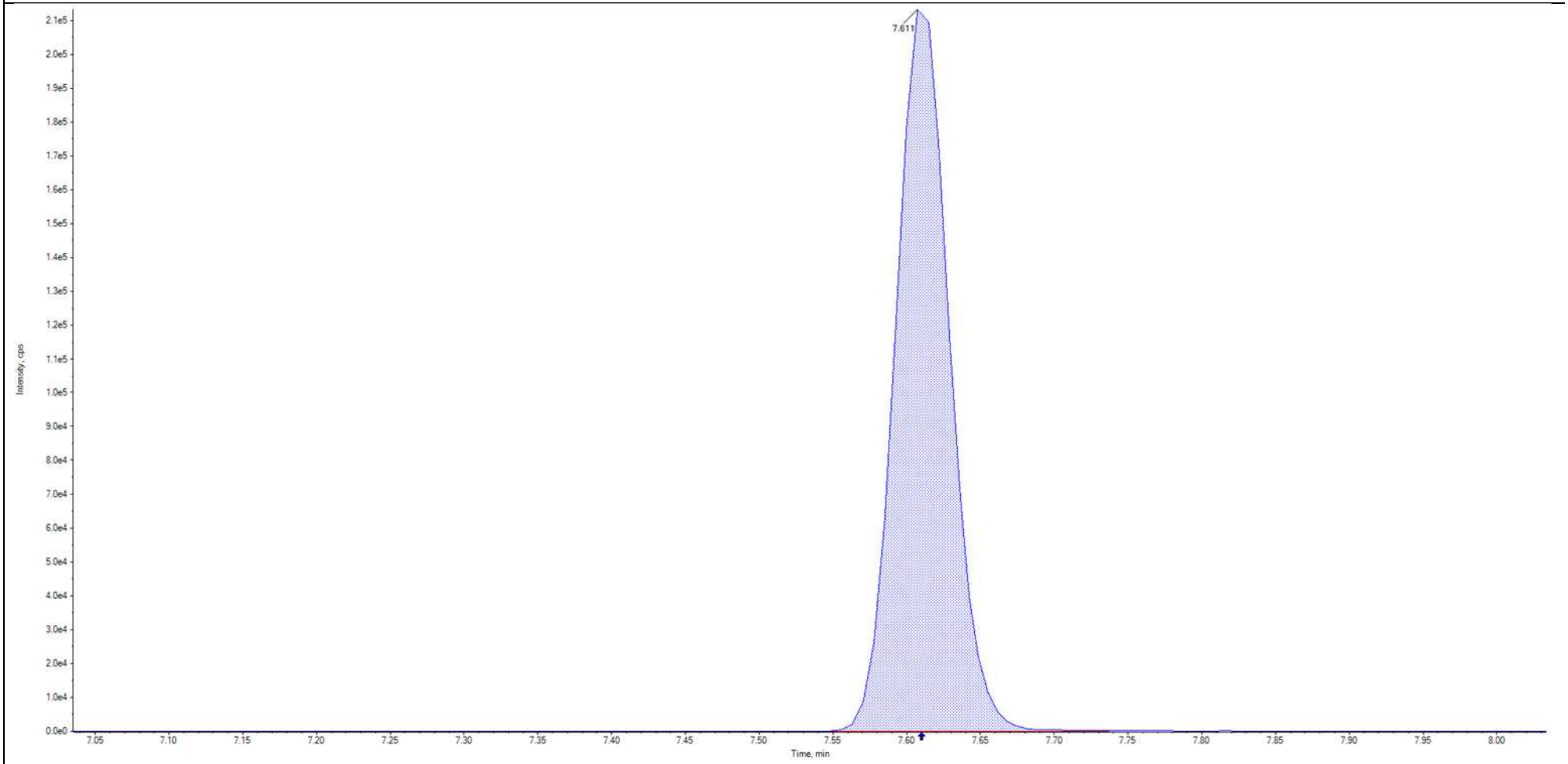
13C5-PFNA
Sample: IA1633STD-.1



13C2-PFDA
Sample: IA1633STD-.1

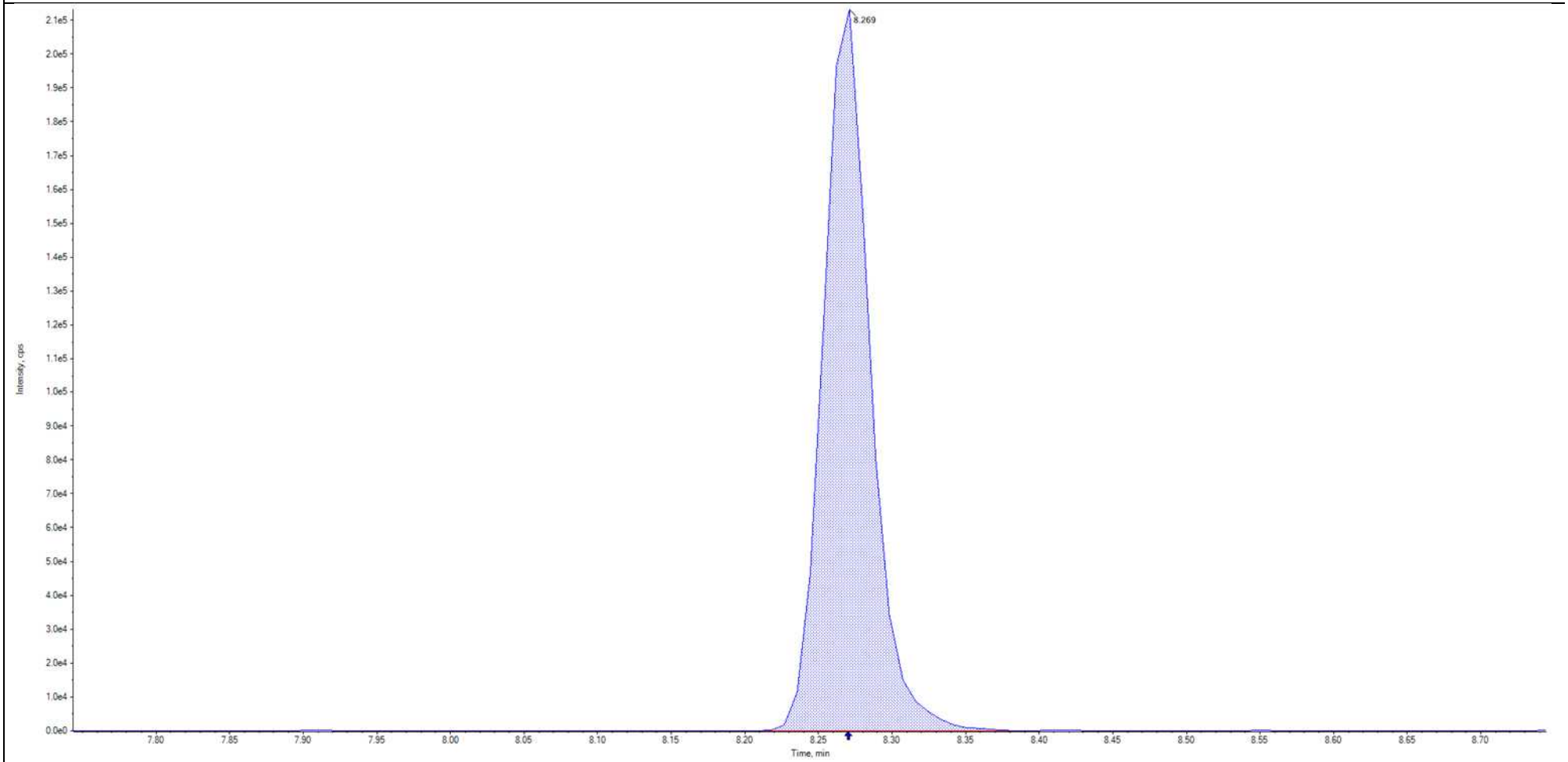


18O2-PFHxS
Sample: IA1633STD-.1



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:35:14 AM
Generated: 8/14/2024 6:27:11 AM

13C4-PFOS
Sample: IA1633STD-.1



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_71.wiff
Last Altered: 8/14/2024 9:35:14 AM
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Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: IA1633STD-.2
Name: SCI05_240813_72.wiff
Date & Time: 2024-08-13T22:03:10
Description: WG1958909,,,80 ul IA1633STD-2.5
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.90	213.0 / 169.0	159293		0.758	N/A	N/A	N/A	94.7
2	PFPeA	2706-90-3	4.64	263.0 / 219.0	115247		0.373	0.007	0.007	N/A	93.3
3	PFPeA_2	2706-90-3	4.64	263.0 / 68.9	814		0.373	0.007	0.007	N/A	93.3
4	PFHxA	307-24-4	5.34	313.0 / 269.0	99881		0.189	0.073	0.072	Pass	94.7
5	PFHxA_2	307-24-4	5.34	313.0 / 119.0	7259		0.186	0.073	0.072	Pass	93.2
6	PFHpA	375-85-9	6.25	363.1 / 319.0	96463		0.194	0.304	0.297	Pass	96.9
7	PFHpA_2	375-85-9	6.24	363.1 / 169.0	29309		0.192	0.304	0.297	Pass	96.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.50	413.1 / 369.1	61419	M5	0.189	0.551	0.586	Pass	94.7
9	PFOA_2	335-67-1	7.50	413.1 / 169.0	33854	M7	0.191	0.551	0.586	Pass	95.3
10	PFNA	375-95-1	7.95	462.8 / 418.9	81852	M5	0.184	0.299	0.313	Pass	92.2
11	PFNA_2	375-95-1	7.95	462.8 / 218.9	24484	M7	0.180	0.299	0.313	Pass	90.2
12	PFDA	335-76-2	8.18	513.1 / 469.1	96779		0.188	0.144	0.142	Pass	94.2
13	PFDA_2	335-76-2	8.18	513.1 / 219.0	13960		0.181	0.144	0.142	Pass	90.7
14	PFUnA	2058-94-8	8.47	563.1 / 519.1	70846		0.186	0.184	0.194	Pass	93.2
15	PFUnA_2	2058-94-8	8.47	563.1 / 269.0	13047		0.177	0.184	0.194	Pass	88.6
16	PFDoA	307-55-1	8.91	613.1 / 569.1	71799		0.191	0.161	0.167	Pass	95.4
17	PFDoA_2	307-55-1	8.91	613.1 / 319.0	11588		0.182	0.161	0.167	Pass	91.2
18	PFTrDA	72629-94-8	9.50	663.1 / 619.1	41986		0.187	0.210	0.228	Pass	93.7
19	PFTrDA_2	72629-94-8	9.50	663.1 / 169.0	8820		0.177	0.210	0.228	Pass	88.3
20	PFTeDA	376-06-7	9.91	713.1 / 669.1	75539		0.183	0.149	0.137	Pass	91.4
21	PFTeDA_2	376-06-7	9.91	713.1 / 169.0	11287		0.200	0.149	0.137	Pass	99.9
22	PFBS	375-73-5	5.31	299.1 / 80.1	57514		0.169	0.418	0.396	Pass	95.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.31	299.1 / 99.1	24034		0.177	0.418	0.396	Pass	99.7
24	PFPeS	2706-91-4	6.34	349.1 / 80.1	49418		0.170	0.315	0.299	Pass	90.4
25	PFPeS_2	2706-91-4	6.34	349.1 / 99.1	15586		0.178	0.315	0.299	Pass	94.5
26	PFHxS	355-46-4	7.61	399.1 / 80.1	50270	M5	0.185	0.324	0.315	Pass	101.2
27	PFHxS_2	355-46-4	7.61	399.1 / 99.1	16272	M7	0.193	0.324	0.315	Pass	105.4
28	PFHpS	375-92-8	8.01	449.1 / 80.1	48727		0.175	0.290	0.287	Pass	91.6
29	PFHpS_2	375-92-8	8.01	449.1 / 99.1	14135		0.173	0.290	0.287	Pass	90.7
30	PFOS	1763-23-1	8.27	499.1 / 80.1	52468	M5	0.177	0.277	0.238	Pass	95.1
31	PFOS_2	1763-23-1	8.27	499.1 / 99.1	14513		0.199	0.277	0.238	Pass	107.4
32	PFNS	68259-12-1	8.63	549.1 / 80.1	34346		0.180	0.272	0.301	Pass	93.6
33	PFNS_2	68259-12-1	8.63	549.1 / 99.1	9345		0.162	0.272	0.301	Pass	84.1
34	PFDS	335-77-3	9.15	599.1 / 80.1	33457	M4	0.178	0.277	0.275	Pass	92.2
35	PFDS_2	335-77-3	9.15	599.1 / 99.1	9268	M7	0.179	0.277	0.275	Pass	92.7
36	PFDoS	79780-39-5	10.00	699.2 / 80.1	31280		0.182	0.273	0.274	Pass	93.7
37	PFDoS_2	79780-39-5	10.00	699.2 / 99.1	8548		0.181	0.273	0.274	Pass	93.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.13	327.1 / 307.1	102451		0.838	0.509	0.516	Pass	111.8
39	4:2FTS_2	757124-72-4	5.13	327.1 / 81.1	52133		0.797	0.509	0.516	Pass	106.3
40	6:2FTS	27619-97-2	7.09	427.2 / 407.2	54403		0.734	0.550	0.565	Pass	96.6
41	6:2FTS_2	27619-97-2	7.09	427.2 / 81.1	29907		0.746	0.550	0.565	Pass	98.2
42	8:2FTS	39108-34-4	8.07	527.2 / 507.2	67583		0.731	0.689	0.662	Pass	95.2
43	8:2FTS_2	39108-34-4	8.07	527.2 / 81.1	46542		0.742	0.689	0.662	Pass	96.6
44	PFOSA	754-91-6	9.54	498.1 / 78.1	48458	M5	0.180	0.031	0.025	Pass	89.8
45	PFOSA_2	754-91-6	9.55	498.1 / 478.0	1478	M7	0.209	0.031	0.025	Pass	104.4
46	NMeFOSA	31506-32-8	10.16	512.2 / 219.0	13659	M5	0.205	1.640	1.551	Pass	102.4
47	NMeFOSA_2	31506-32-8	10.14	512.2 / 169.0	22396	M7	0.217	1.640	1.551	Pass	108.4
48	NEtFOSA	4151-50-2	10.38	526.2 / 219.0	12795	M5	0.174	1.323	1.285	Pass	87.2
49	NEtFOSA_2	4151-50-2	10.35	526.2 / 169.0	16933	M7	0.172	1.323	1.285	Pass	86.2
50	NMeFOSAA	2355-31-9	8.22	570.2 / 419.1	19476		0.179	0.684	0.700	Pass	89.4
51	NMeFOSAA_2	2355-31-9	8.23	570.2 / 483.0	13326	M7	0.192	0.684	0.700	Pass	96.1
52	NEtFOSAA	2991-50-6	8.37	584.2 / 419.1	14442		0.202	0.335	0.487	Pass	100.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.37	584.2 / 526.2	4835		0.147	0.335	0.487	Pass	73.3
54	NMeFOSE	24448-09-7	10.08	616.1 / 58.9	220343	M5	1.890	N/A	N/A	N/A	94.5
55	NEtFOSE	1691-99-2	10.28	630.0 / 58.9	414400	M5	1.896	N/A	N/A	N/A	94.8
56	HFPO-DA	13252-13-6	5.60	285.0 / 169.0	196682		0.778	0.490	0.464	Pass	97.3
57	HFPO-DA_2	13252-13-6	5.60	285.0 / 184.9	96318		0.819	0.490	0.464	Pass	102.4
58	ADONA	919005-14-4	6.72	377.1 / 251.0	425384		0.740	0.661	0.634	Pass	97.9
59	ADONA_2	919005-14-4	6.72	377.1 / 84.8	281078		0.756	0.661	0.634	Pass	100.0
60	9Cl-PF3ONS	756426-58-1	8.50	530.8 / 351.1	444386		0.784	0.324	0.322	Pass	104.8
61	9Cl-PF3ONS_2	756426-58-1	8.50	532.8 / 353.0	143827		0.779	0.324	0.322	Pass	104.2
62	11Cl-PF3OUdS	763051-92-9	9.57	630.9 / 451.0	265657		0.742	0.344	0.331	Pass	98.2
63	11Cl-PF3OUdS_2	763051-92-9	9.57	632.9 / 452.9	91393		0.759	0.344	0.331	Pass	100.3
64	3:3FTCA	356-02-5	4.91	241.1 / 177.1	23352	M4	0.872	1.109	1.074	Pass	87.2
65	3:3FTCA_2	356-02-5	4.91	241.1 / 117.0	25907	M7	0.965	1.109	1.074	Pass	96.5
66	5:3FTCA	914637-49-3	7.16	341.1 / 237.1	457091		4.778	0.926	0.953	Pass	95.6
67	5:3FTCA_2	914637-49-3	7.16	341.1 / 217.0	423321		4.676	0.926	0.953	Pass	93.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.21	441.1 / 316.9	583552		5.479	1.499	1.558	Pass	109.6
69	7:3FTCA_2	812-70-4	8.21	441.1 / 337.1	874662		5.659	1.499	1.558	Pass	113.2
70	PFEESA	113507-82-7	5.71	315.1 / 135.0	304483		0.333	0.084	0.087	Pass	93.5
71	PFEESA_2	113507-82-7	5.71	315.1 / 82.9	25431		0.322	0.084	0.087	Pass	90.4
72	PFMPA	377-73-1	3.85	229.0 / 85.0	14165		0.379	N/A	N/A	N/A	94.7
73	PFMBA	863090-89-5	4.87	279.0 / 85.0	191221		0.379	N/A	N/A	N/A	94.8
74	NFDHA	151772-58-6	5.26	295.0 / 201.0	37544		0.390	1.025	0.910	Pass	97.4
75	NFDHA_2	151772-58-6	5.25	295.0 / 84.9	38493		0.436	1.025	0.910	Pass	109.0
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.12	333.2 / 312.1	946281		5.197	N/A	N/A	N/A	103.9
79	13C2-PFOA	Surr	7.49	415.0 / 370.0	3366661		2.612	N/A	N/A	N/A	104.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2591876		10.436	NA	NA	NA	104.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.63	268.0 / 223.0	1675260		5.422	NA	NA	NA	108.4
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	1082049		2.666	NA	NA	NA	106.6
	13C4-PFHpA	EIS	6.24	367.0 / 322.0	1063160		2.616	NA	NA	NA	104.7
	13C8-PFOA	EIS	7.49	421.0 / 376.0	1558358		2.677	NA	NA	NA	107.1
	13C9-PFNA	EIS	7.94	472.0 / 427.0	758091		1.344	NA	NA	NA	107.6
	13C6-PFDA	EIS	8.17	519.0 / 474.0	744977		1.308	NA	NA	NA	104.7
	13C7-PFUnA	EIS	8.46	570.0 / 525.0	601558		1.306	NA	NA	NA	104.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.90	615.1 / 570.0	361624		1.207	NA	NA	NA	96.5
	13C2-PFTeDA	EIS	9.90	715.1 / 670.1	412218		1.267	NA	NA	NA	101.4
	13C3-PFBS	EIS	5.31	302.1 / 80.1	812389		2.395	NA	NA	NA	102.8
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	681091		2.528	NA	NA	NA	106.7
	13C8-PFOS	EIS	8.27	507.1 / 80.1	723513		2.547	NA	NA	NA	106.4
	13C2-4:2FTS	EIS	5.13	329.1 / 81.1	292510		4.831	NA	NA	NA	103.0
	13C2-6:2FTS	EIS	7.08	429.2 / 81.1	214797		4.841	NA	NA	NA	101.8
	13C2-8:2FTS	EIS	8.07	529.2 / 81.1	350131		5.392	NA	NA	NA	112.3

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	1009281		2.673	NA	NA	NA	106.9
	d3-NMeFOSA	EIS	10.16	515.2 / 219.0	155680		2.449	NA	NA	NA	98.0
	d5-NEtFOSA	EIS	10.37	531.2 / 219.0	167060		2.690	NA	NA	NA	107.6
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	828197		5.763	NA	NA	NA	115.3
	d5-NEtFOSAA	EIS	8.36	589.3 / 419.1	384156		5.087	NA	NA	NA	101.7
	d7-NMeFOSE	EIS	10.07	623.2 / 58.9	1181472		24.067	NA	NA	NA	96.3
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1862081		25.728	NA	NA	NA	102.9

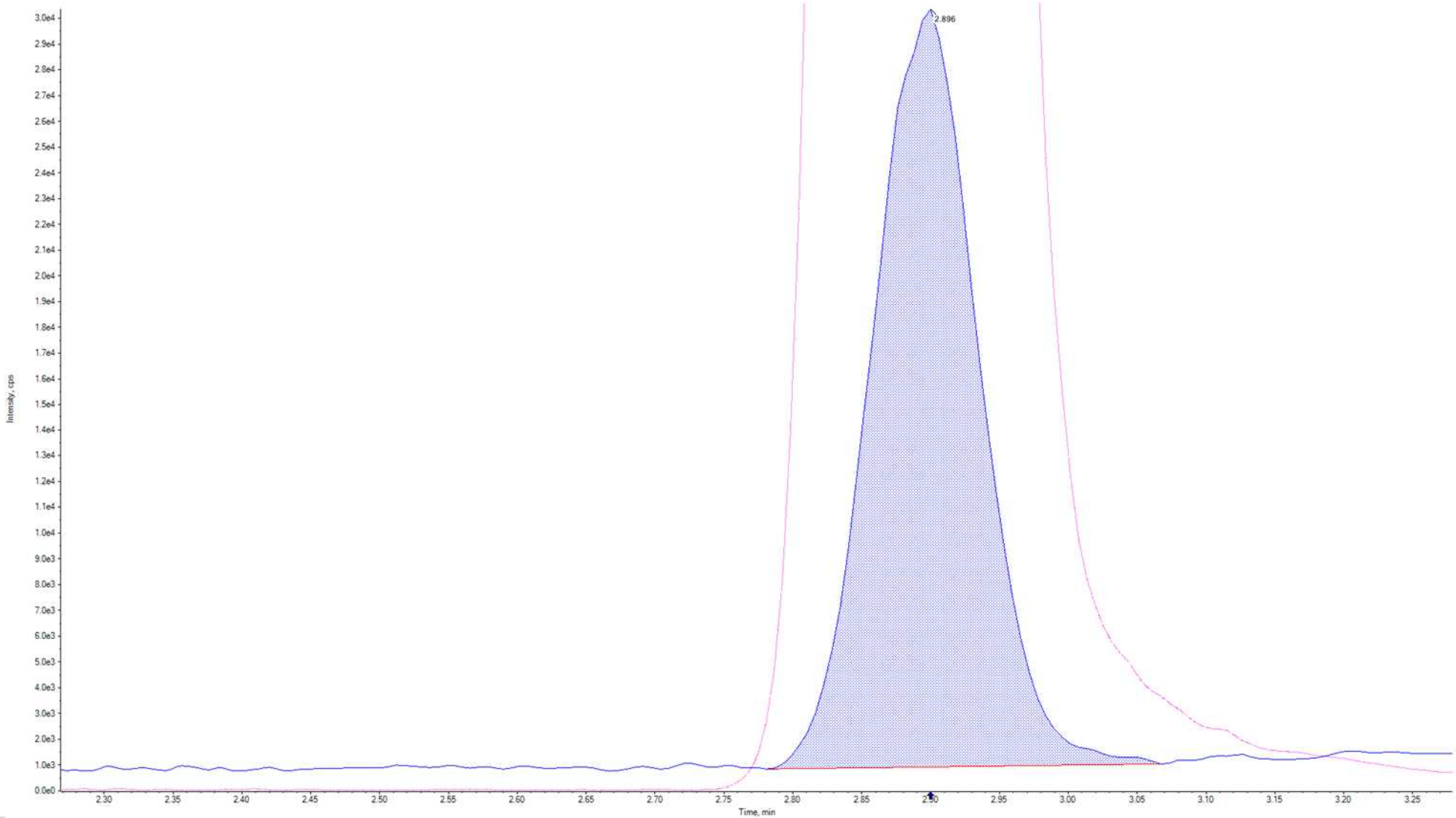
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.60	287.0 / 169.0	2757253		10.251	NA	NA	NA	102.5
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1086405		5.081	NA	NA	NA	101.6
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1205069		2.461	NA	NA	NA	98.4
	13C4-PFOA	NIS	7.49	417.0 / 372.0	761506		2.433	NA	NA	NA	97.3
	13C5-PFNA	NIS	7.94	468.0 / 423.0	686977		1.254	NA	NA	NA	100.3
	13C2-PFDA	NIS	8.17	515.1 / 470.1	668959		1.306	NA	NA	NA	104.4
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	547668		2.338	NA	NA	NA	98.6
	13C4-PFOS	NIS	8.27	503.1 / 80.1	502439		2.386	NA	NA	NA	99.6

Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

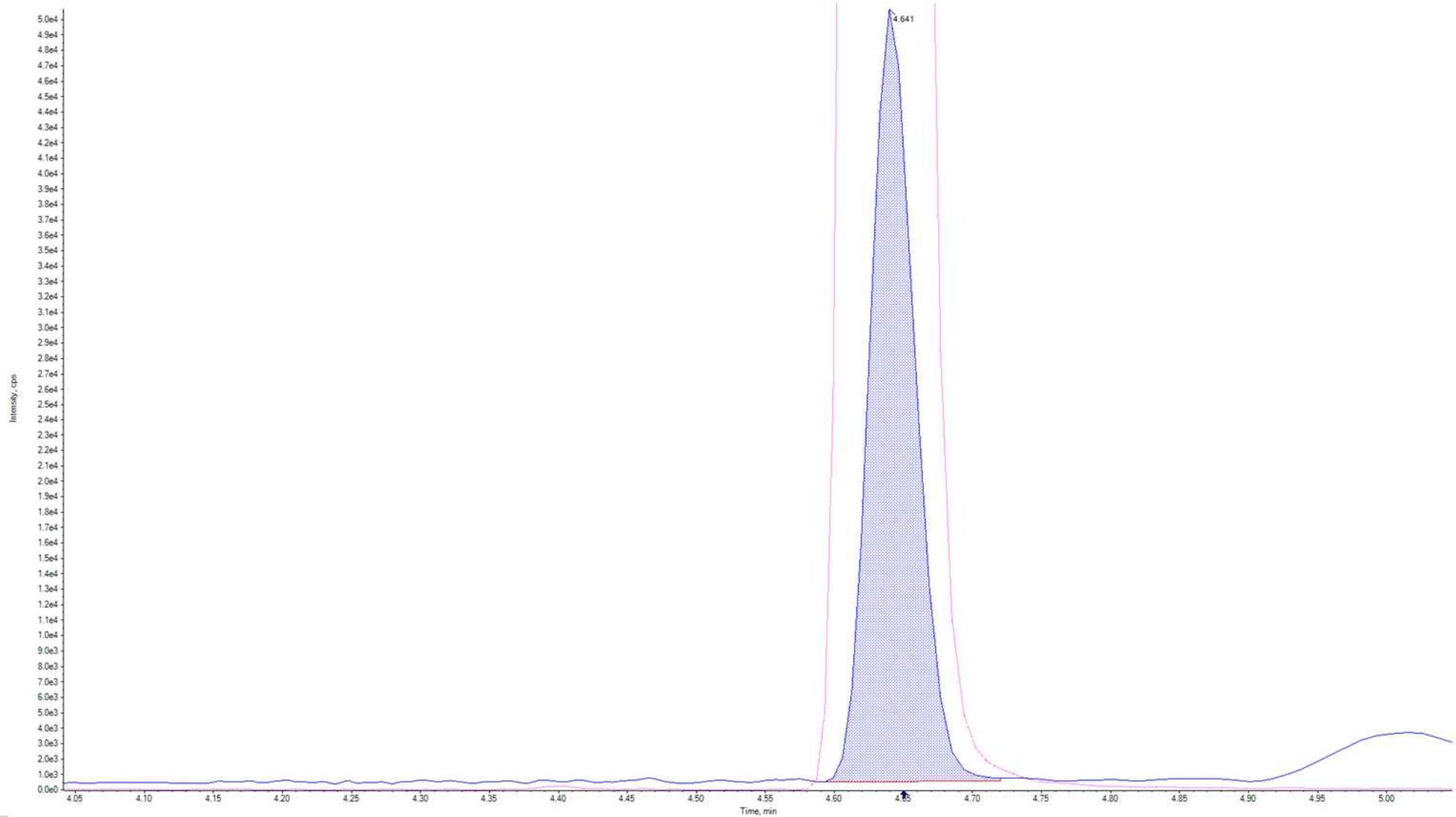
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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PFBA
Sample: IA1633STD-.2 S/N:547.7 Points Across peak:49



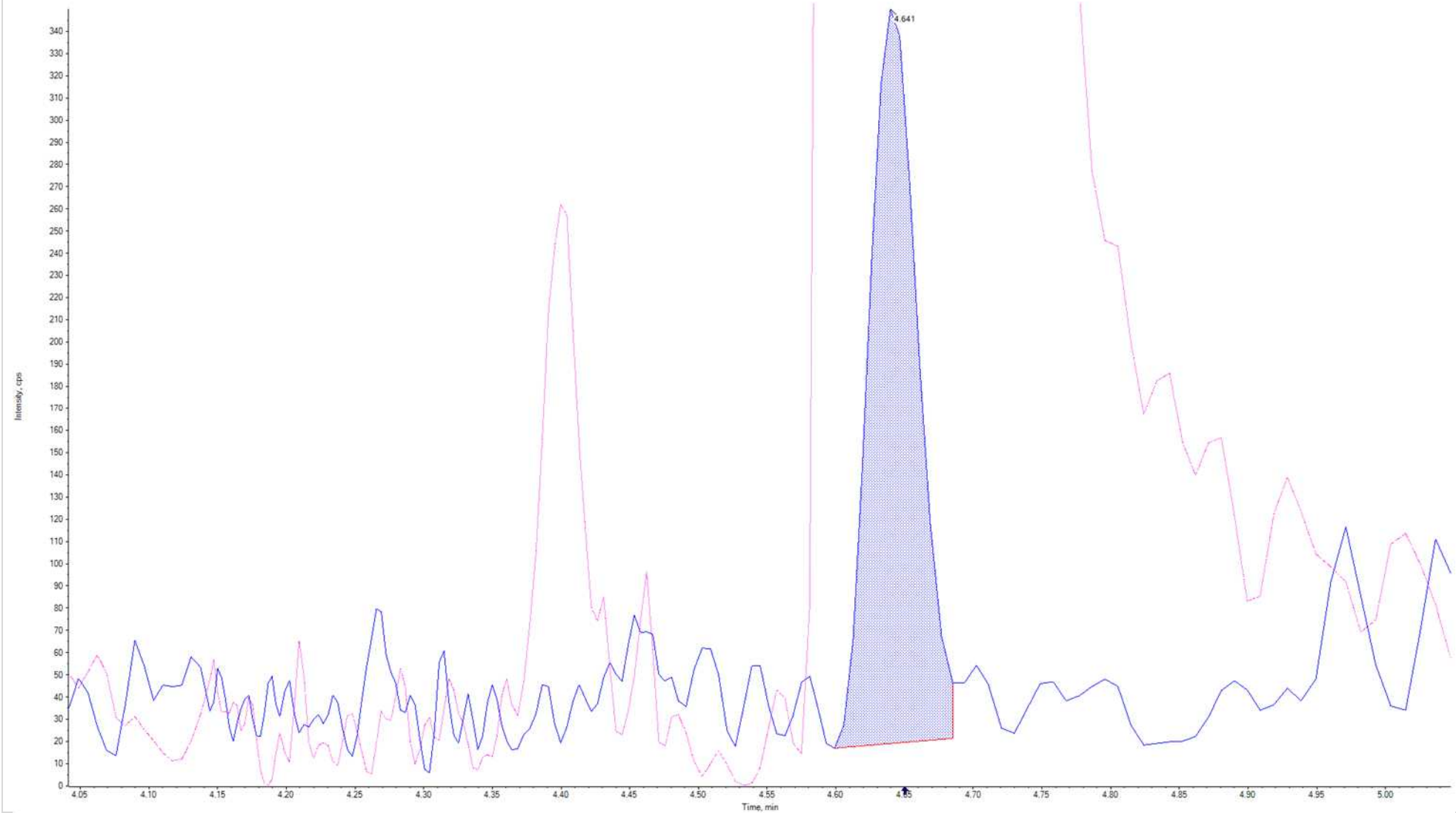
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
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PFPeA
Sample: IA1633STD-.2 S/N:386.8 Points Across peak:18



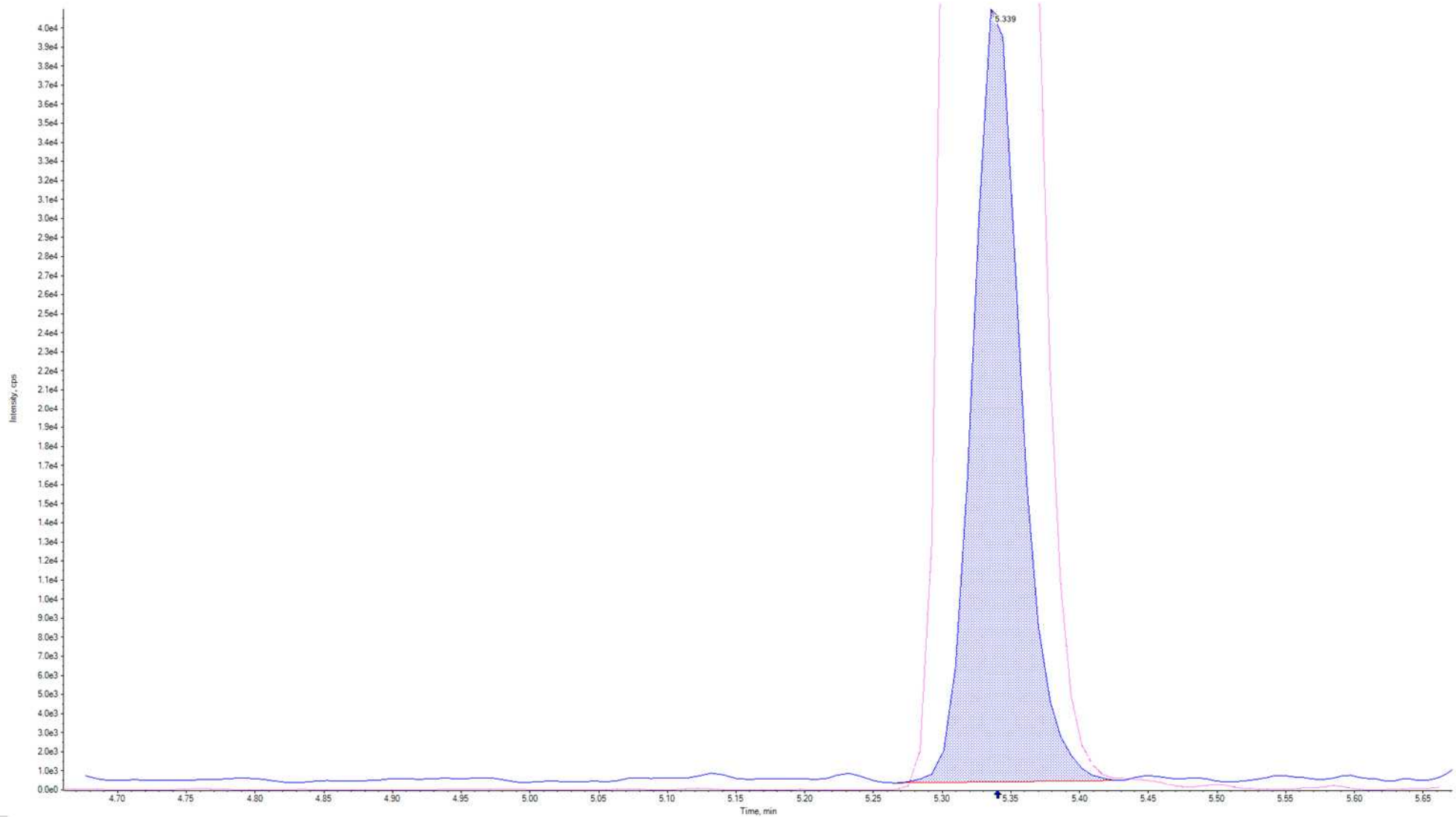
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
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PFPeA_2
Sample: IA1633STD-.2 S/N:76.5 Points Across peak:13



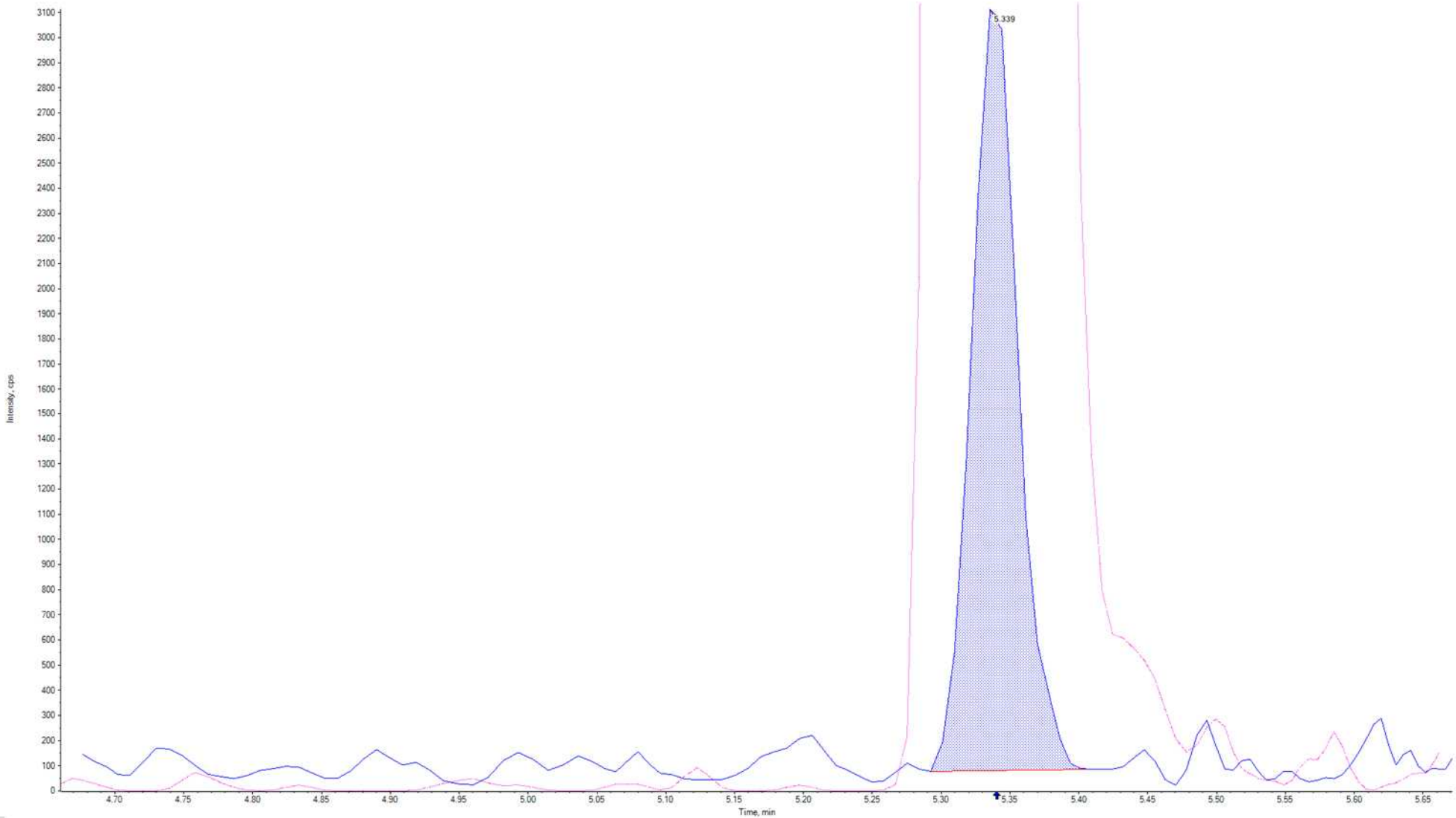
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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PFHxA
Sample: IA1633STD-.2 S/N:306.5 Points Across peak:21



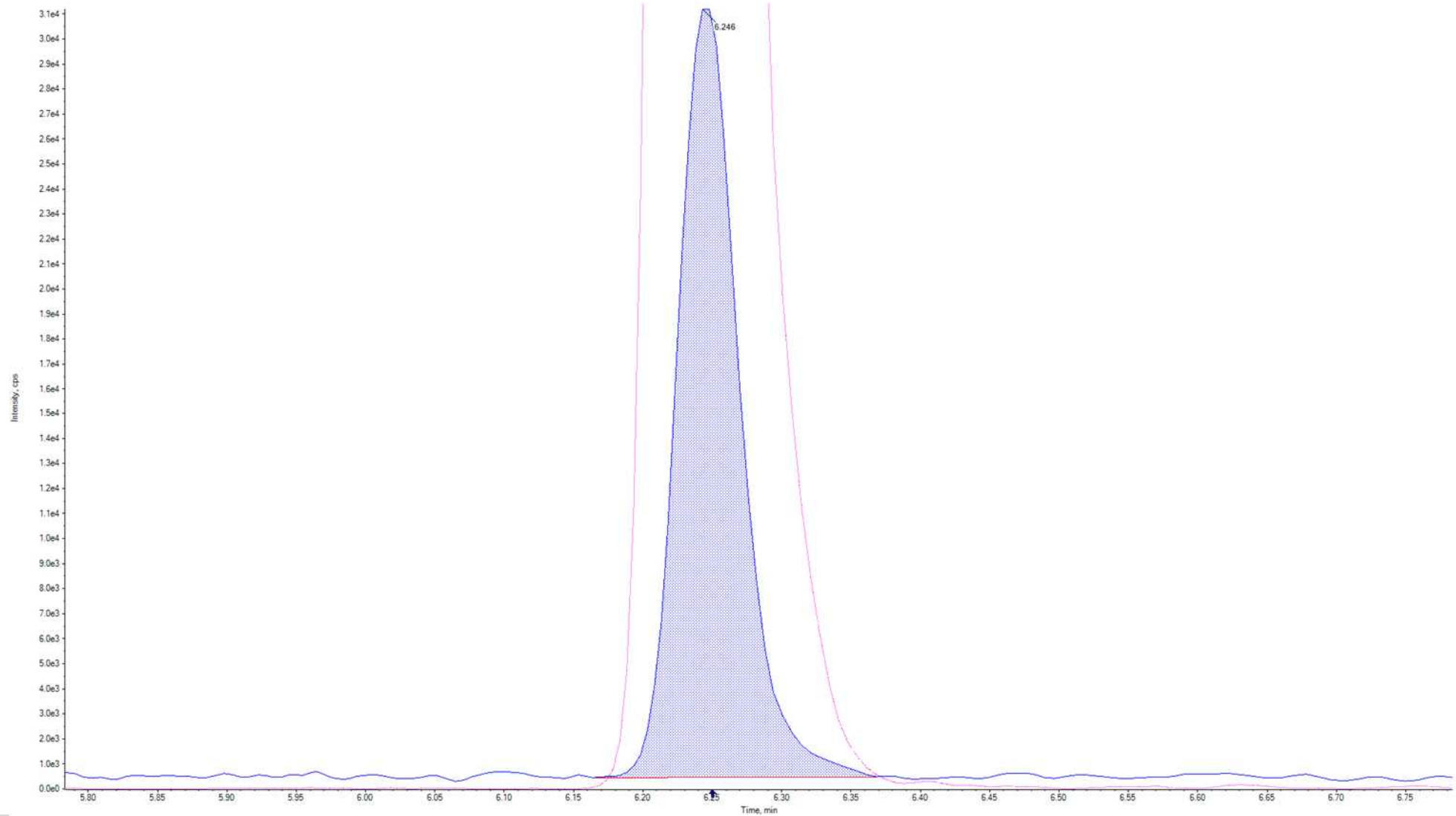
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Alpha Analytical Inc.
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PFHxA_2
Sample: IA1633STD-.2 S/N:184.7 Points Across peak:15



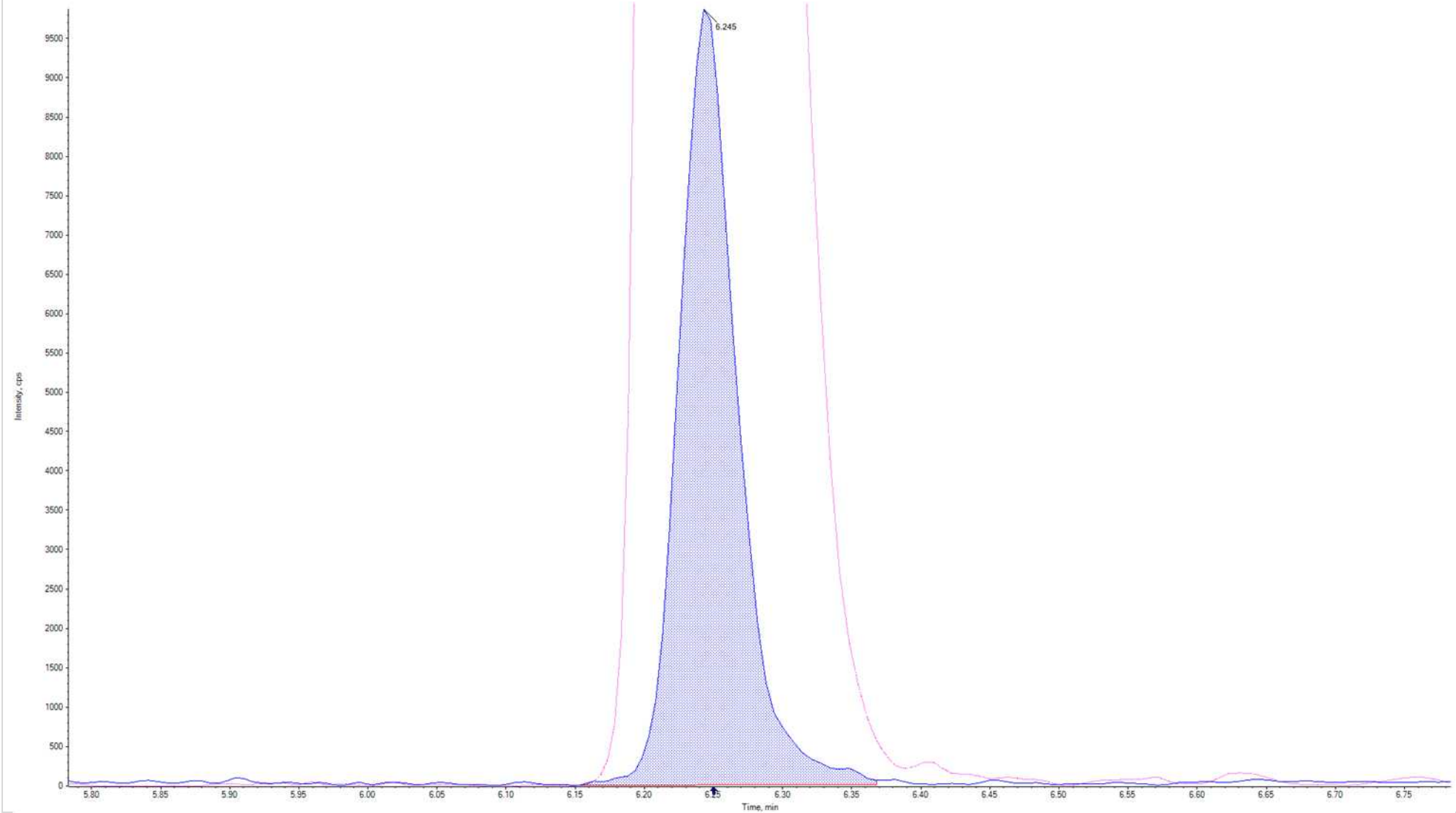
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
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PFHpA
Sample: IA1633STD-.2 S/N:556.7 Points Across peak:37



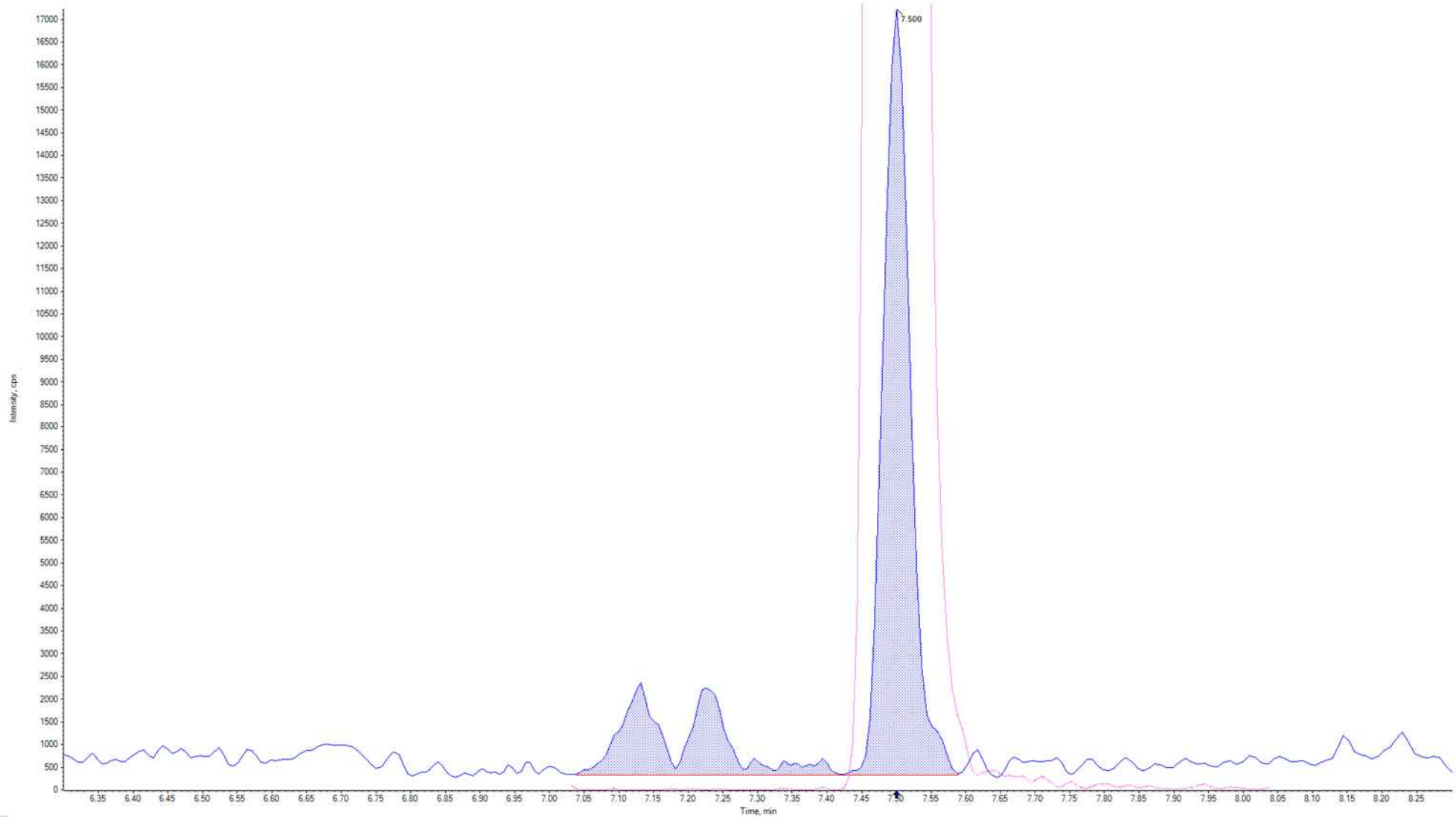
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
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PFHpA_2
Sample: IA1633STD-.2 S/N:1481.4 Points Across peak:40



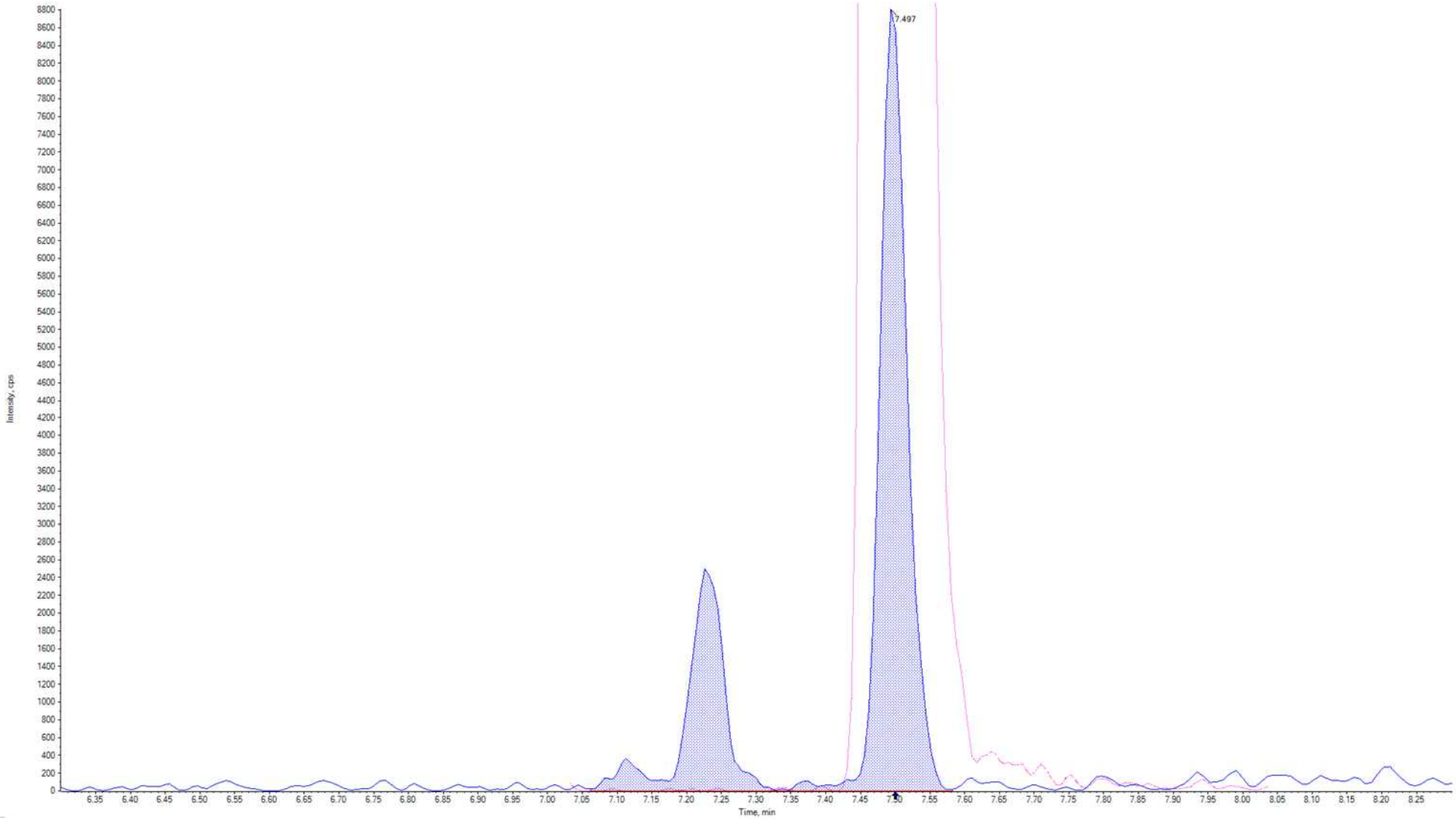
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
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PFOA
Sample: IA1633STD-.2 S/N:276.3 Points Across peak:91



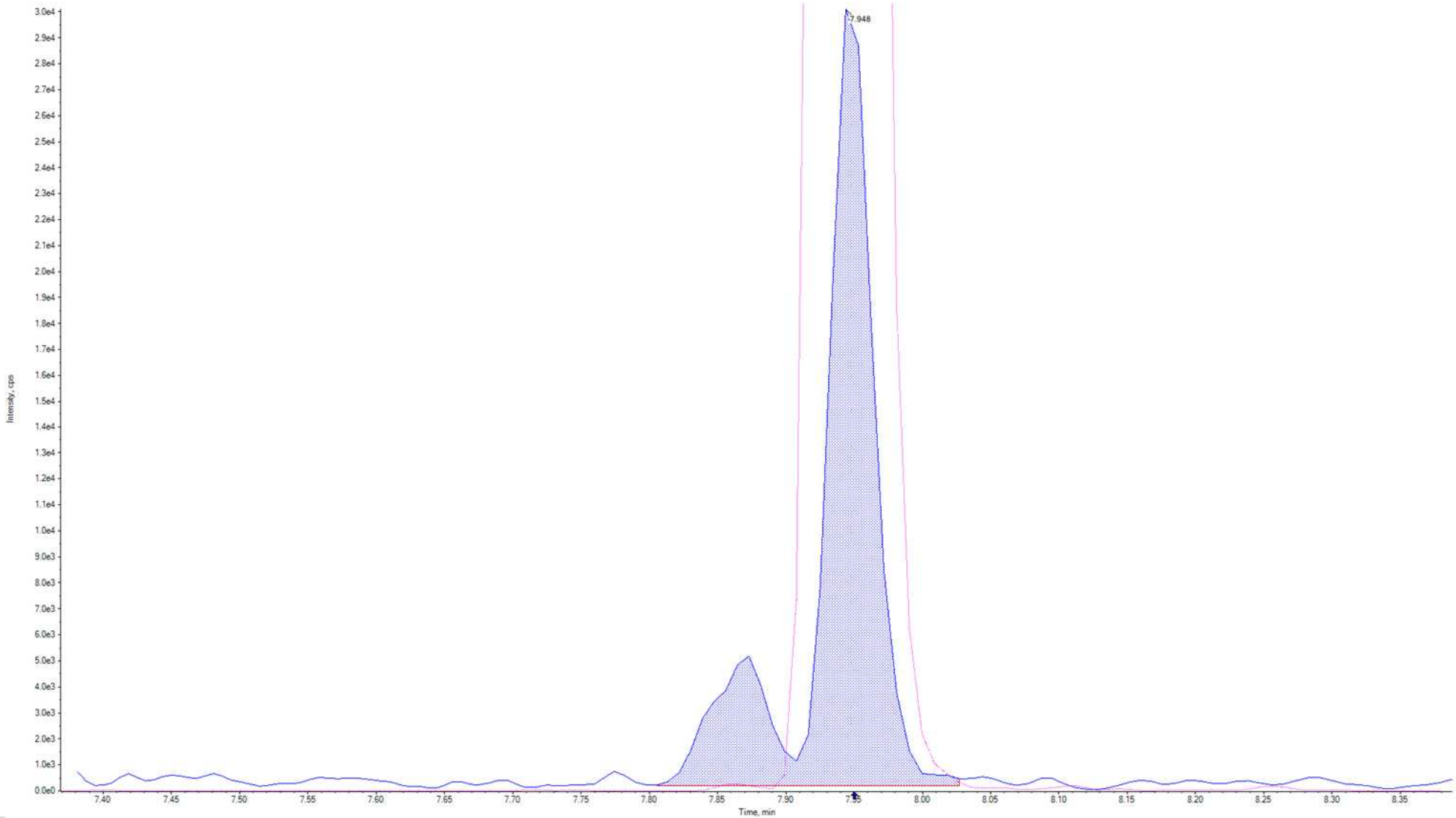
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
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PFOA_2
Sample: IA1633STD-.2 S/N:3851.6 Points Across peak:87



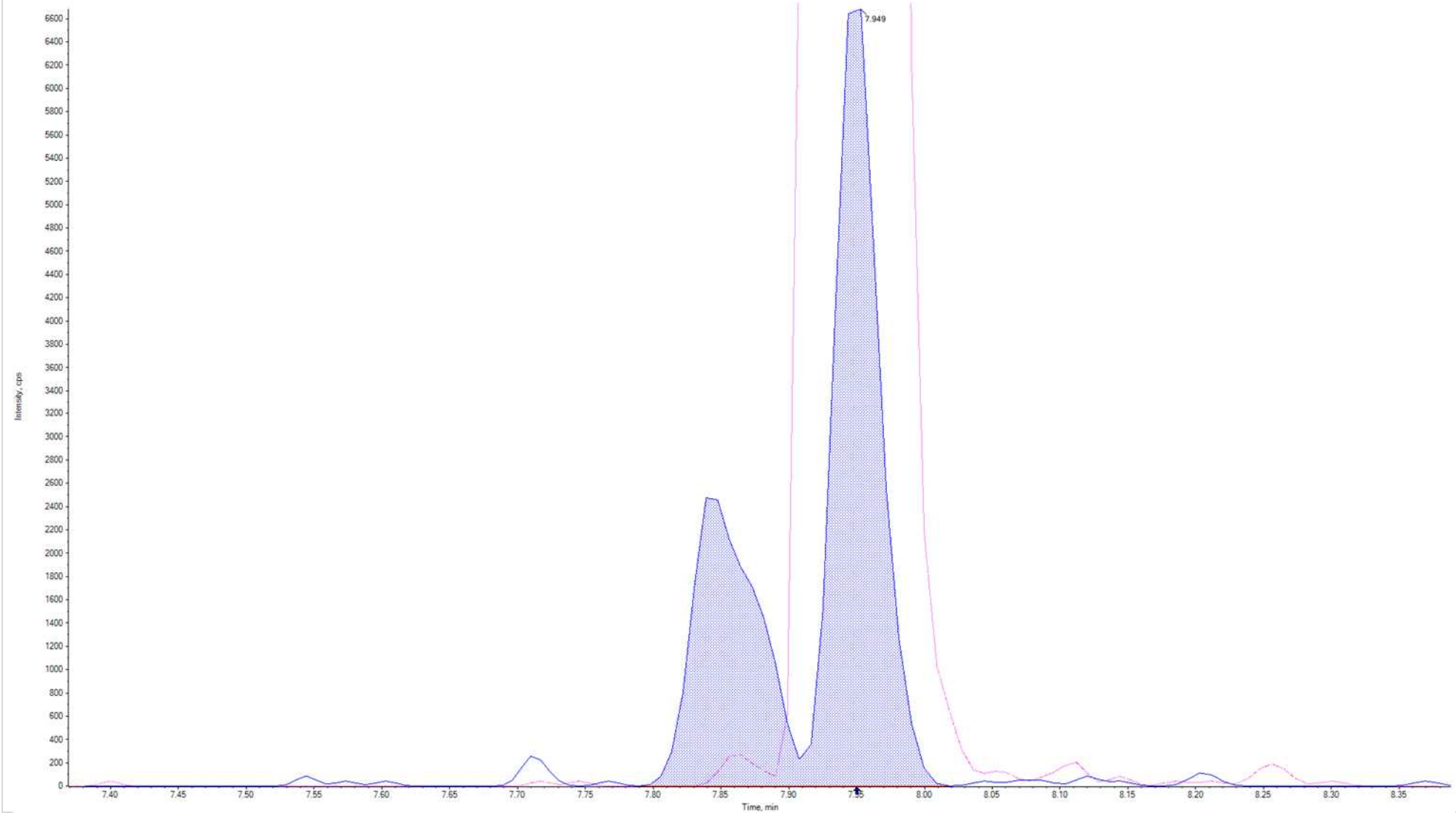
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
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PFNA
Sample: IA1633STD-.2 S/N:518.4 Points Across peak:28



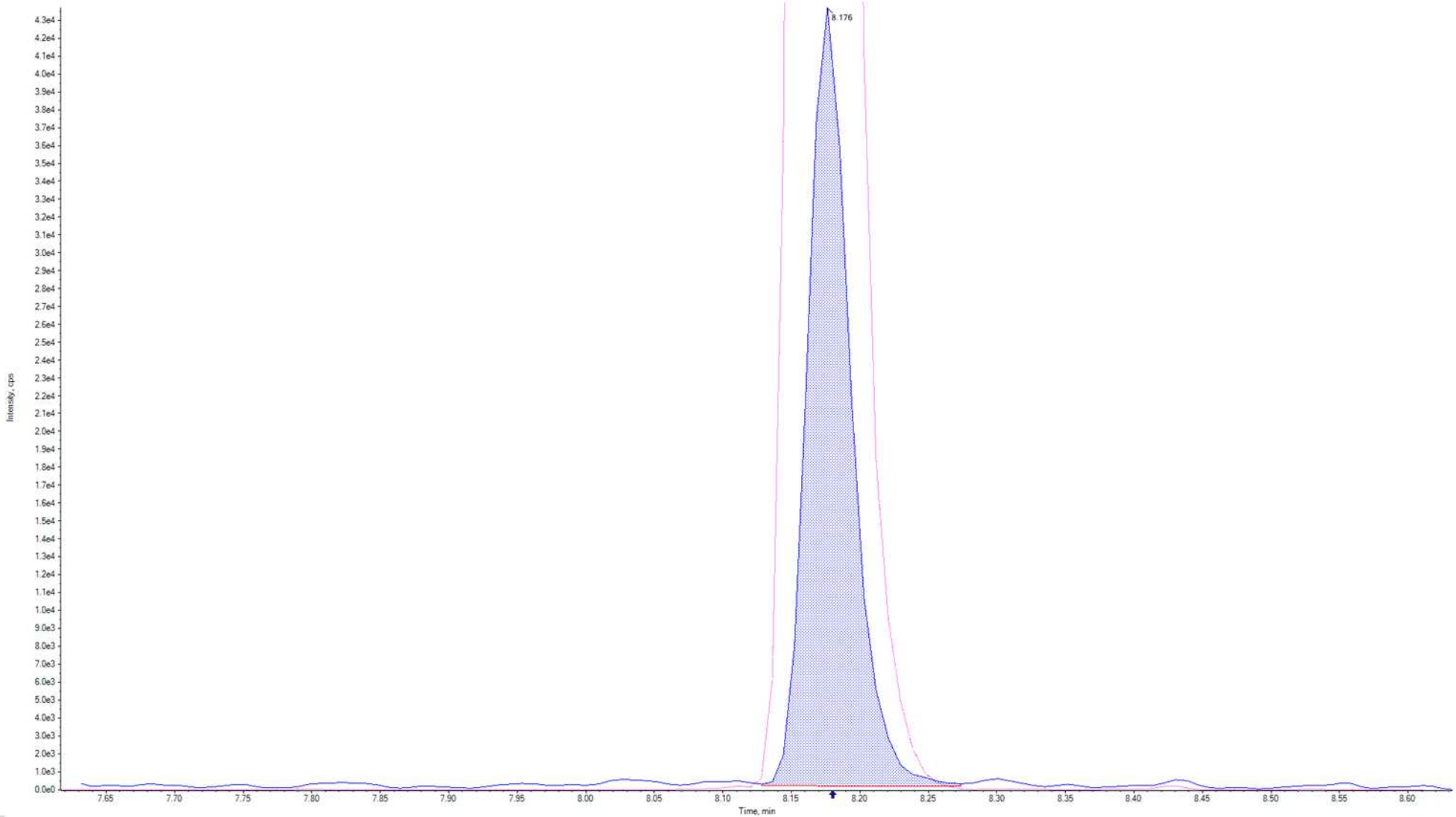
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Last Altered: 8/14/2024 9:59:30 AM
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PFNA_2
Sample: IA1633STD-.2 S/N:316.3 Points Across peak:29



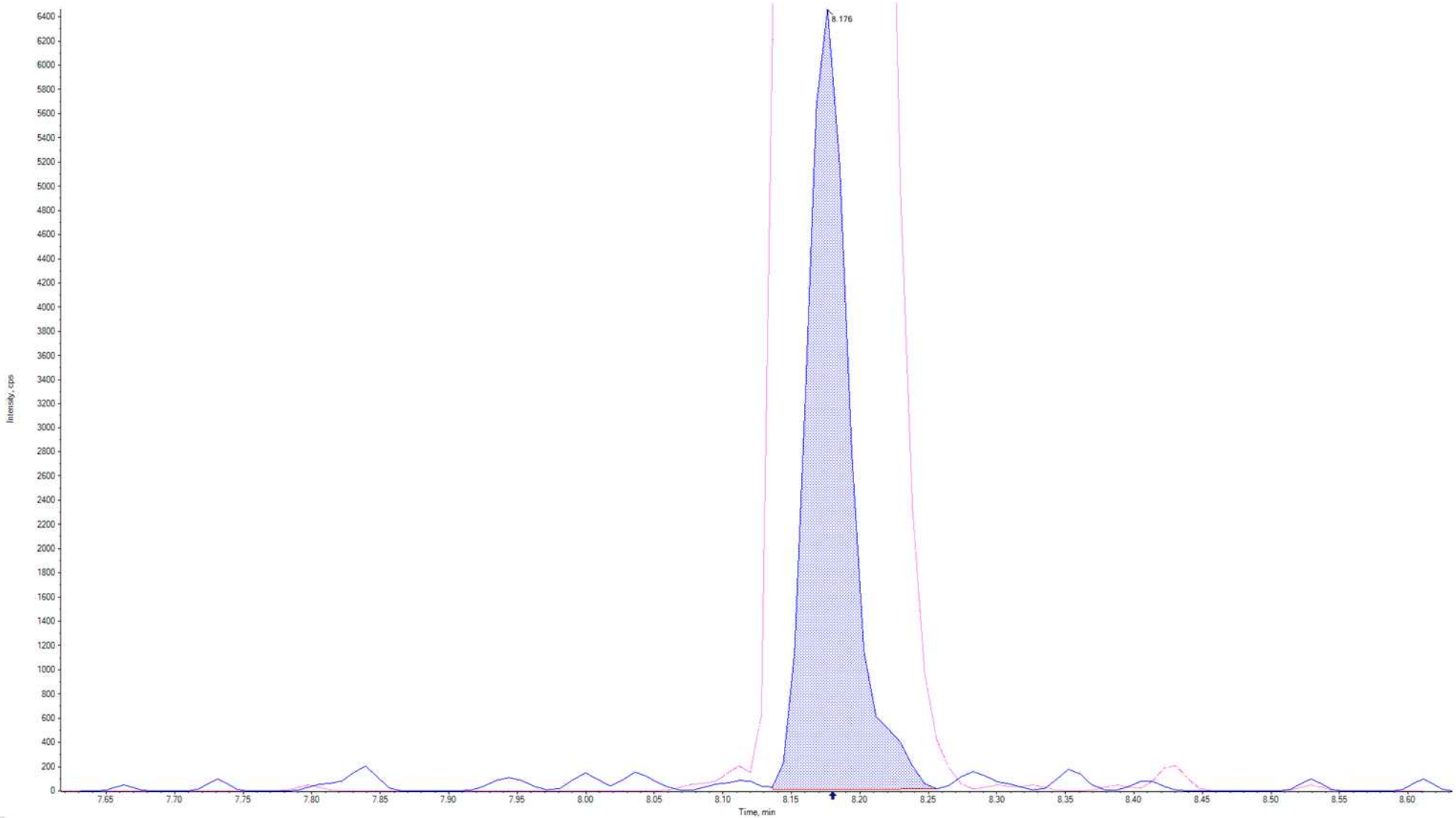
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PFDA
Sample: IA1633STD-.2 S/N:979.9 Points Across peak:18



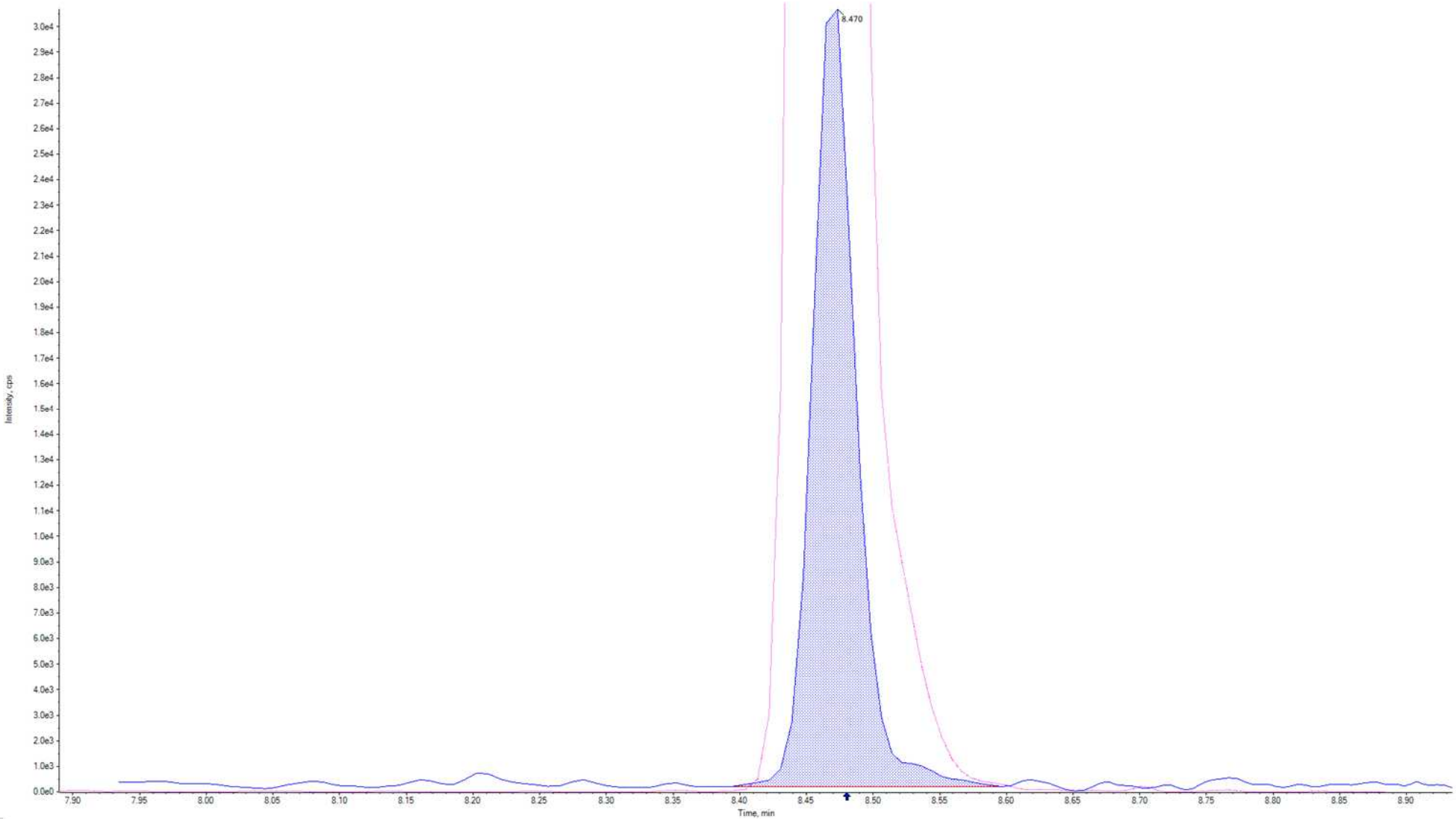
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDA_2
Sample: IA1633STD-.2 S/N:1730538.9 Points Across peak:15



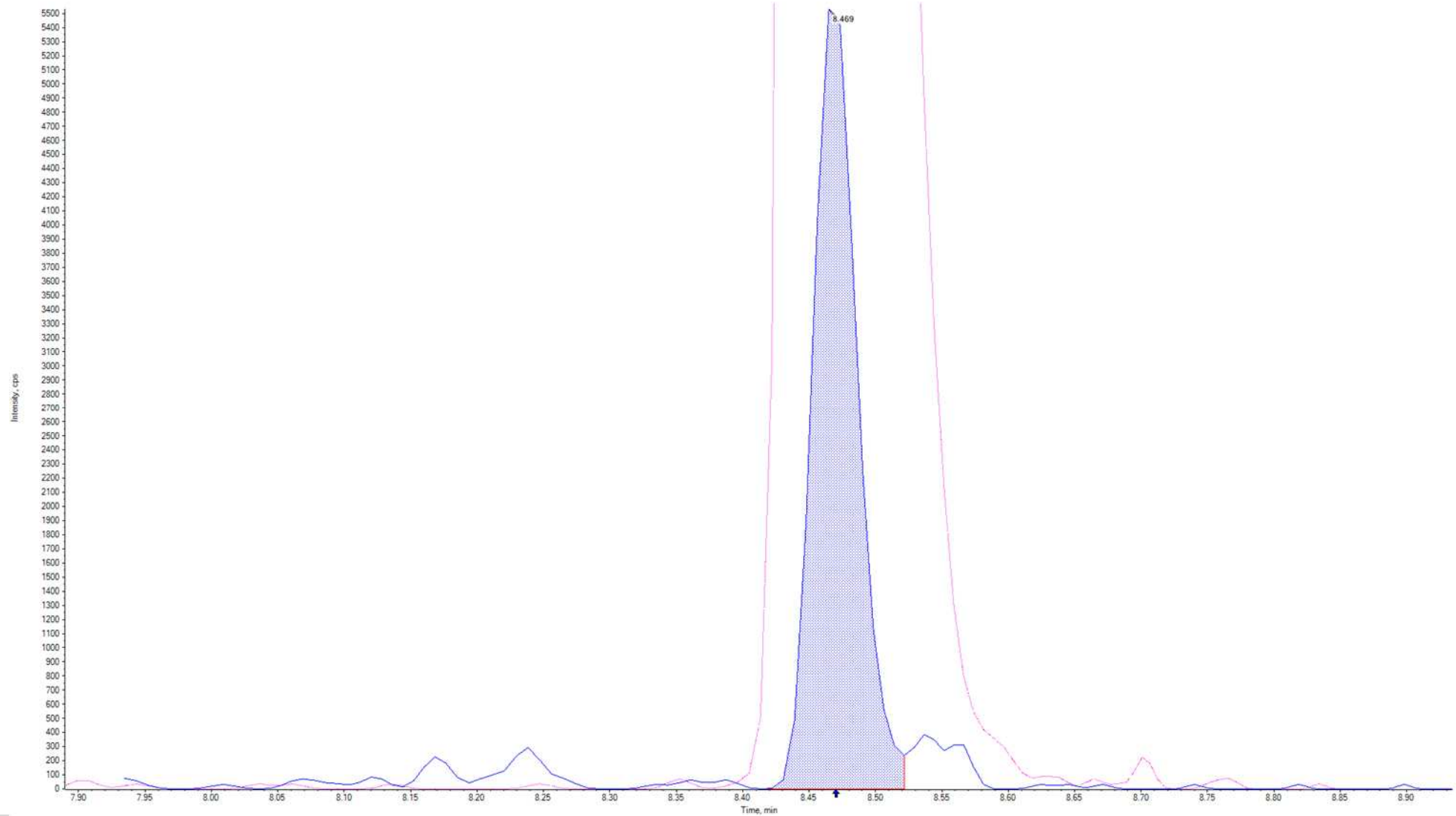
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFUnA
Sample: IA1633STD-.2 S/N:703.8 Points Across peak:27



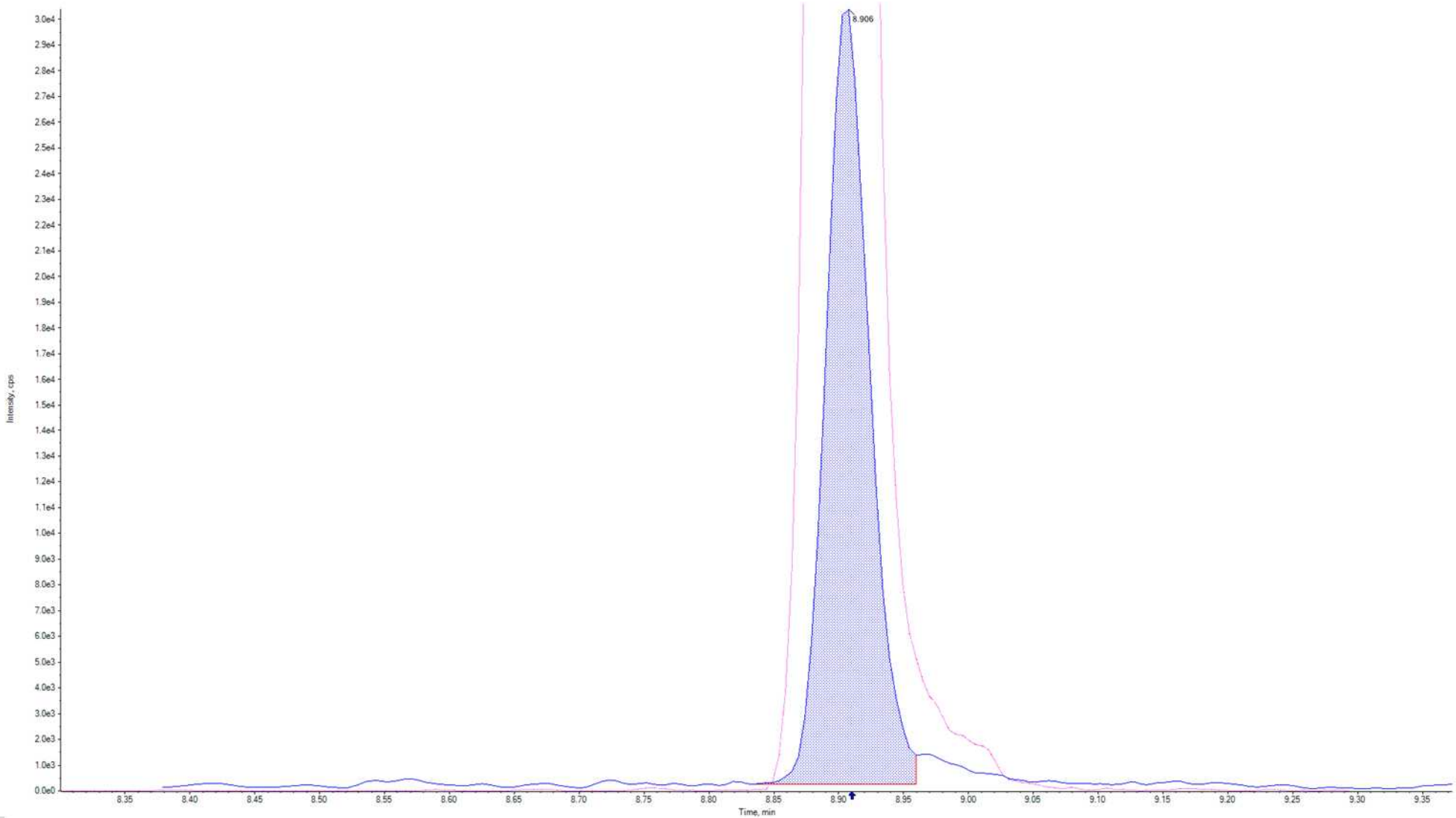
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Alpha Analytical Inc.
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PFUnA_2
Sample: IA1633STD-.2 S/N:349.7 Points Across peak:14



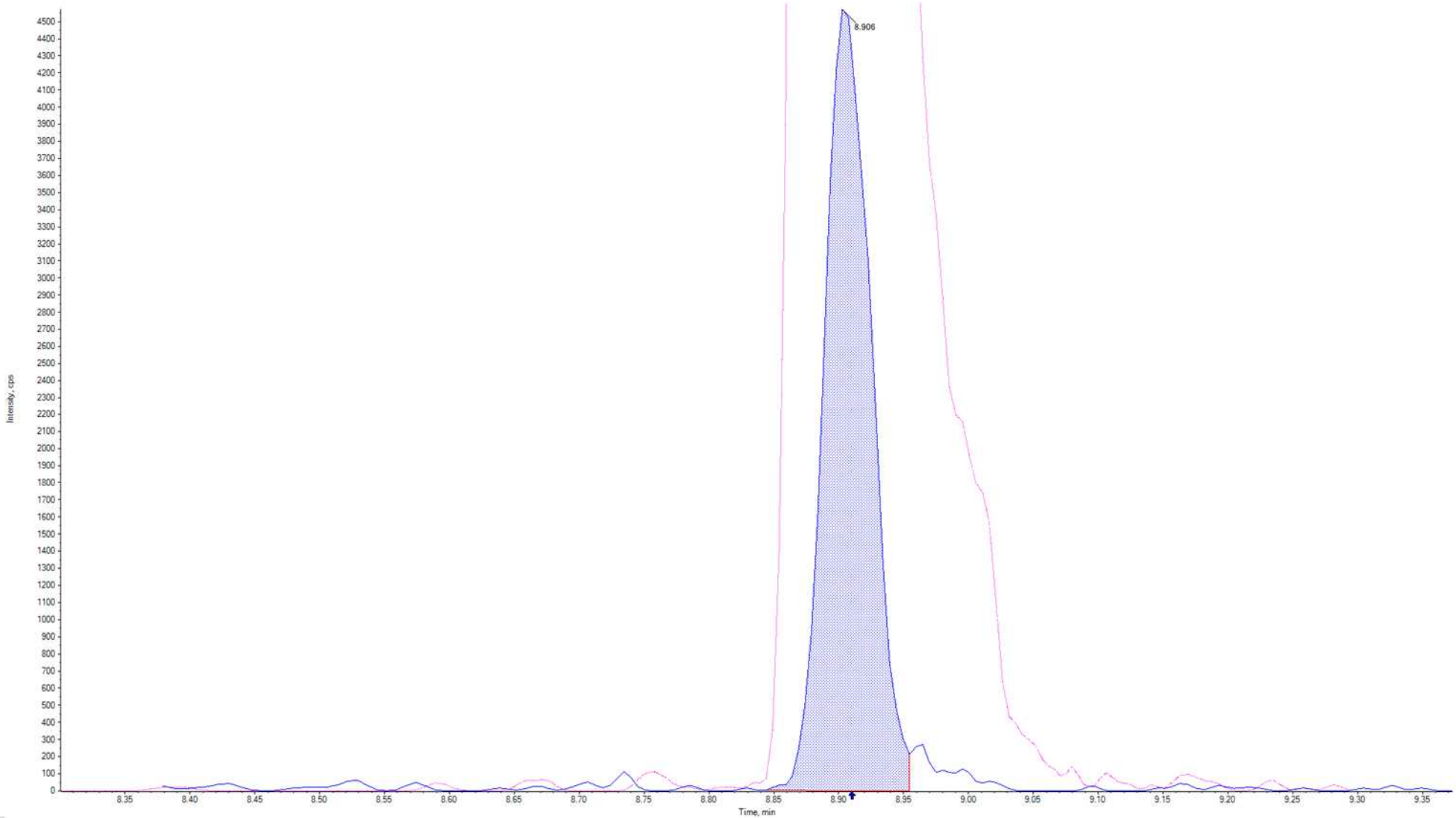
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Alpha Analytical Inc.
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PFDoA
Sample: IA1633STD-.2 S/N:923.8 Points Across peak:26



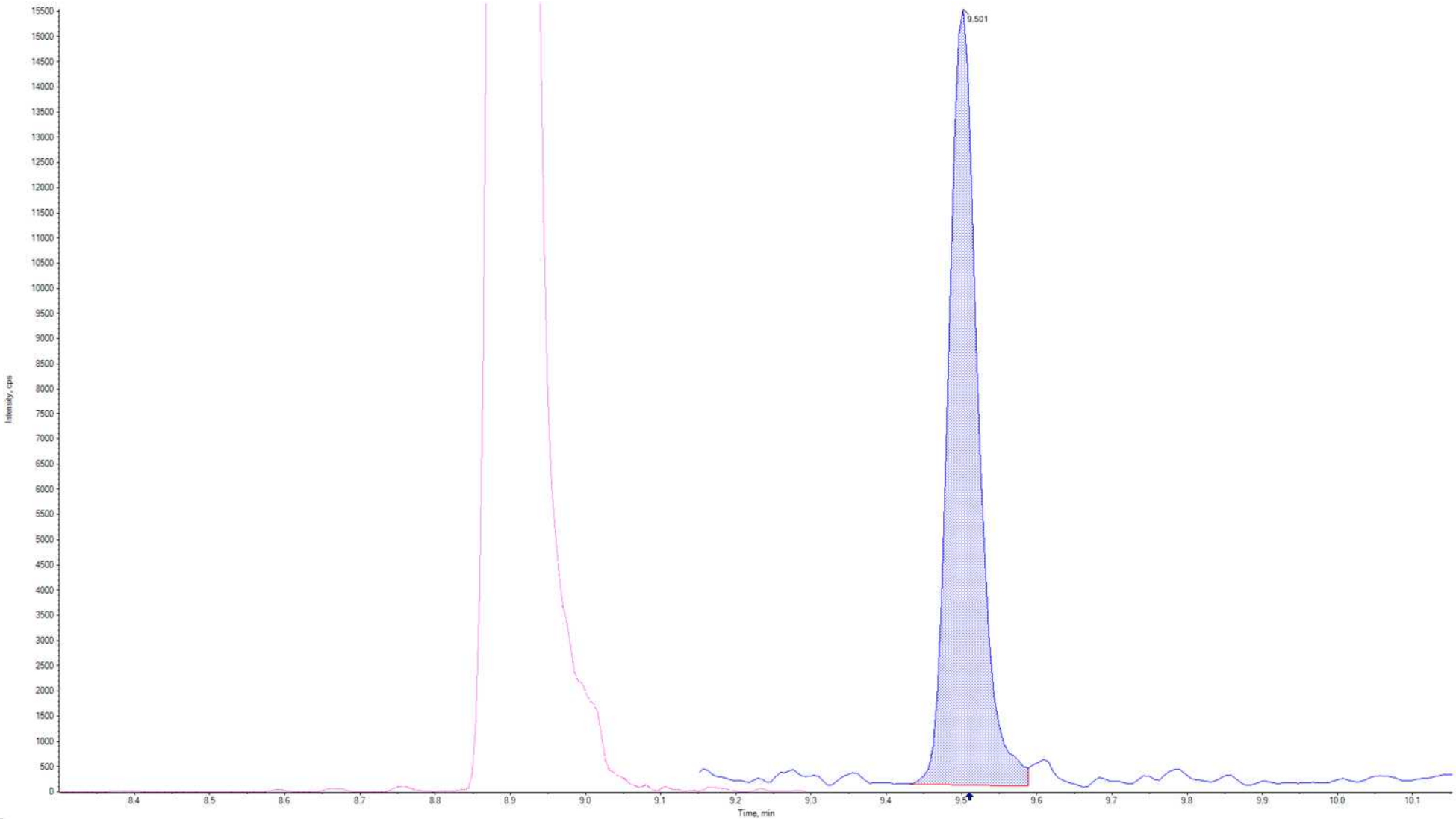
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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PFDoA_2
Sample: IA1633STD-.2 S/N:3907304.1 Points Across peak:24



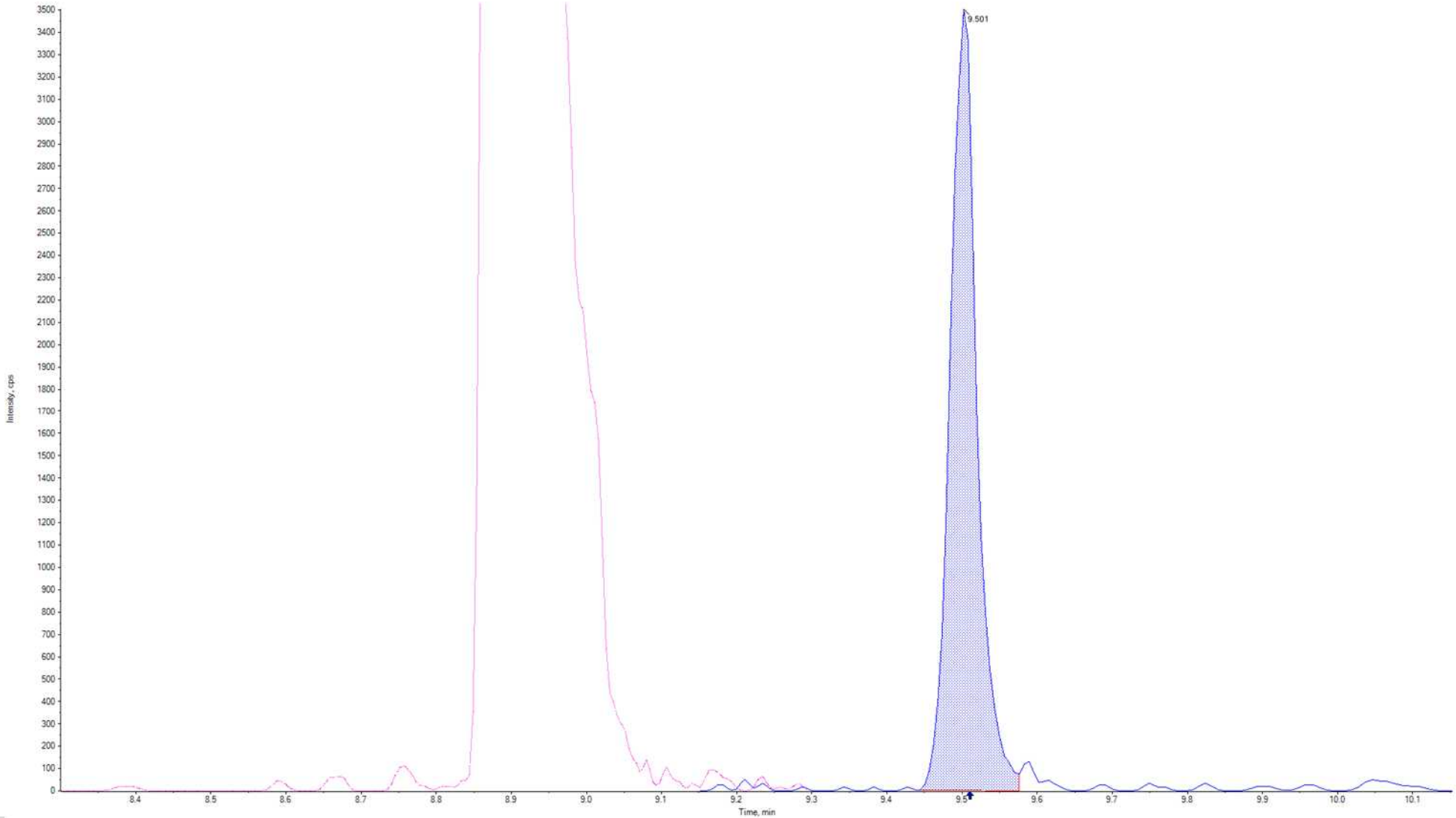
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFTrDA
Sample: IA1633STD-.2 S/N:420.0 Points Across peak:28



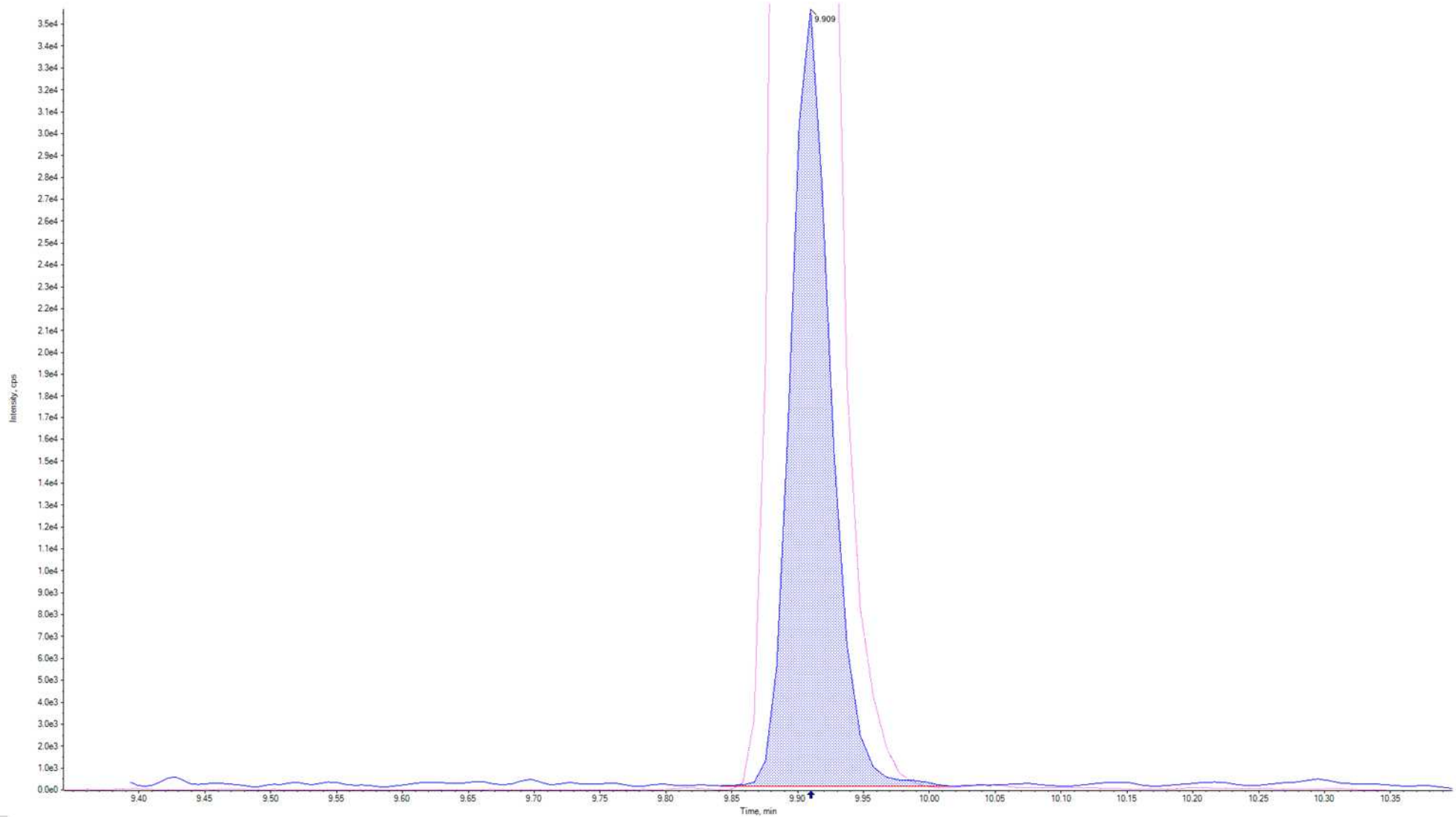
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Generated: 8/14/2024 6:27:11 AM

PFTrDA_2
Sample: IA1633STD-.2 S/N:18118.9 Points Across peak:24



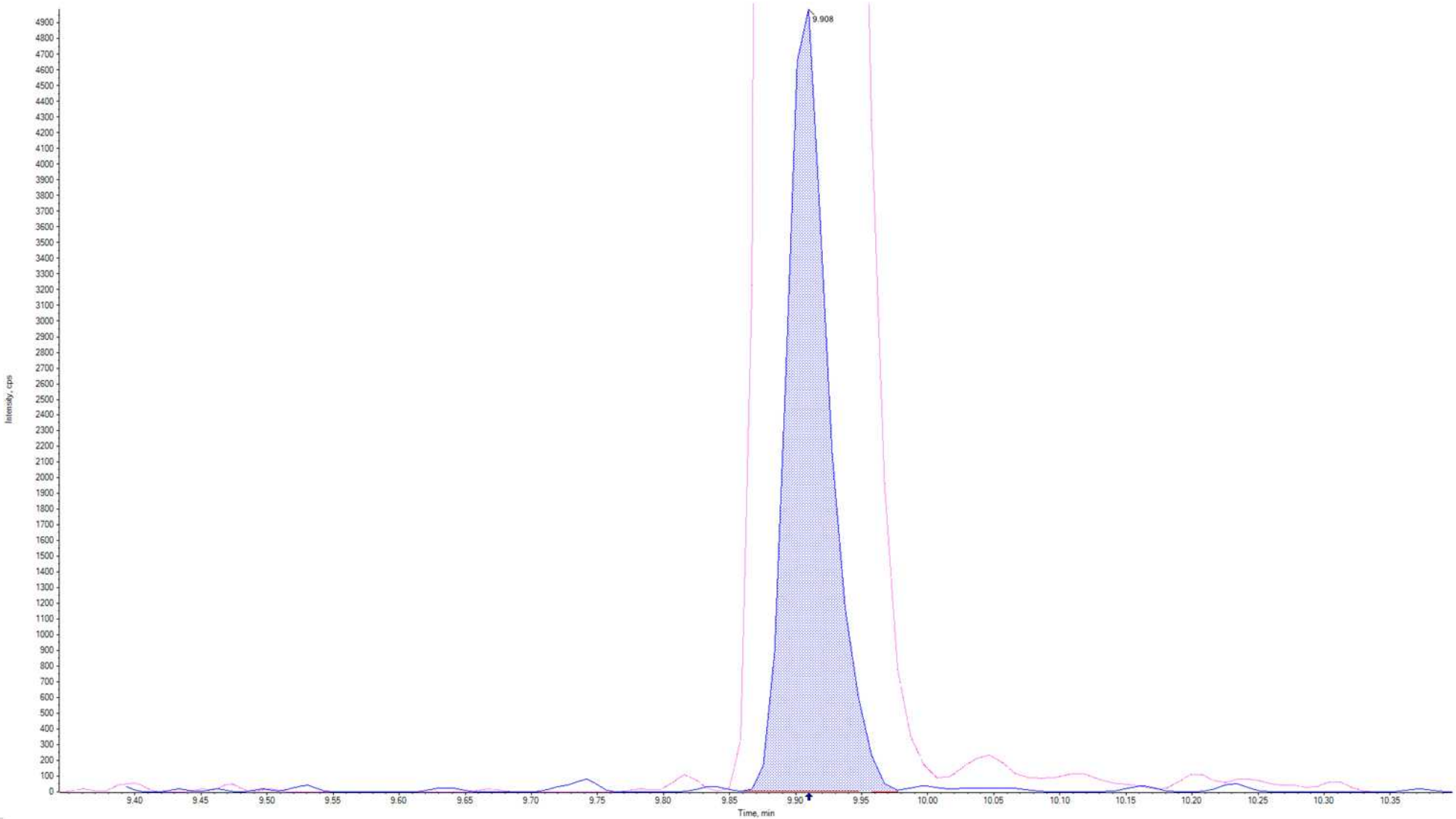
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Generated: 8/14/2024 6:27:11 AM

PFTeDA
Sample: IA1633STD-.2 S/N:567.1 Points Across peak:20



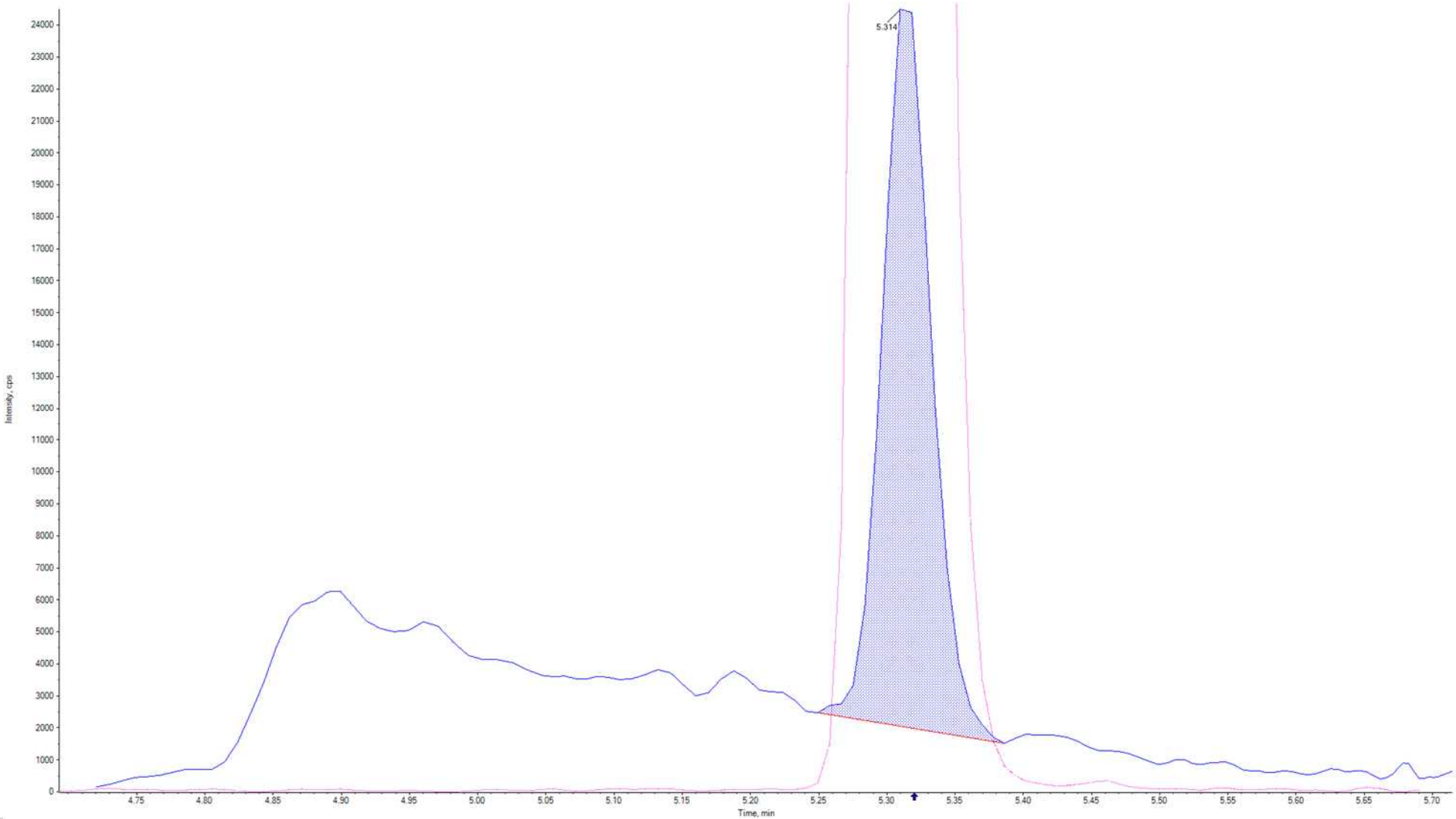
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PFTeDA_2
Sample: IA1633STD-.2 S/N:508.2 Points Across peak:14



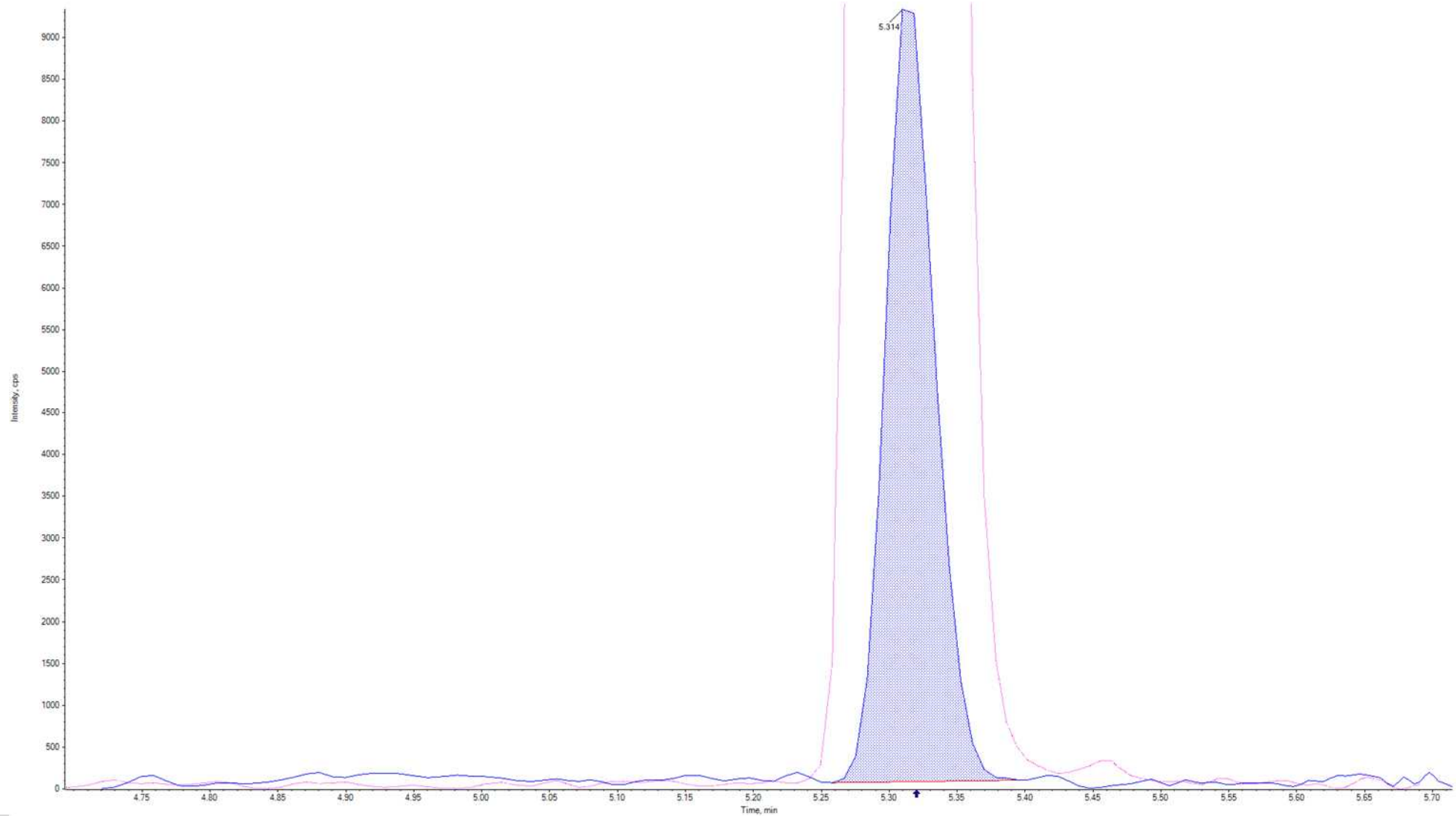
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Generated: 8/14/2024 6:27:11 AM

PFBS
Sample: IA1633STD-.2 S/N:63.0 Points Across peak:17



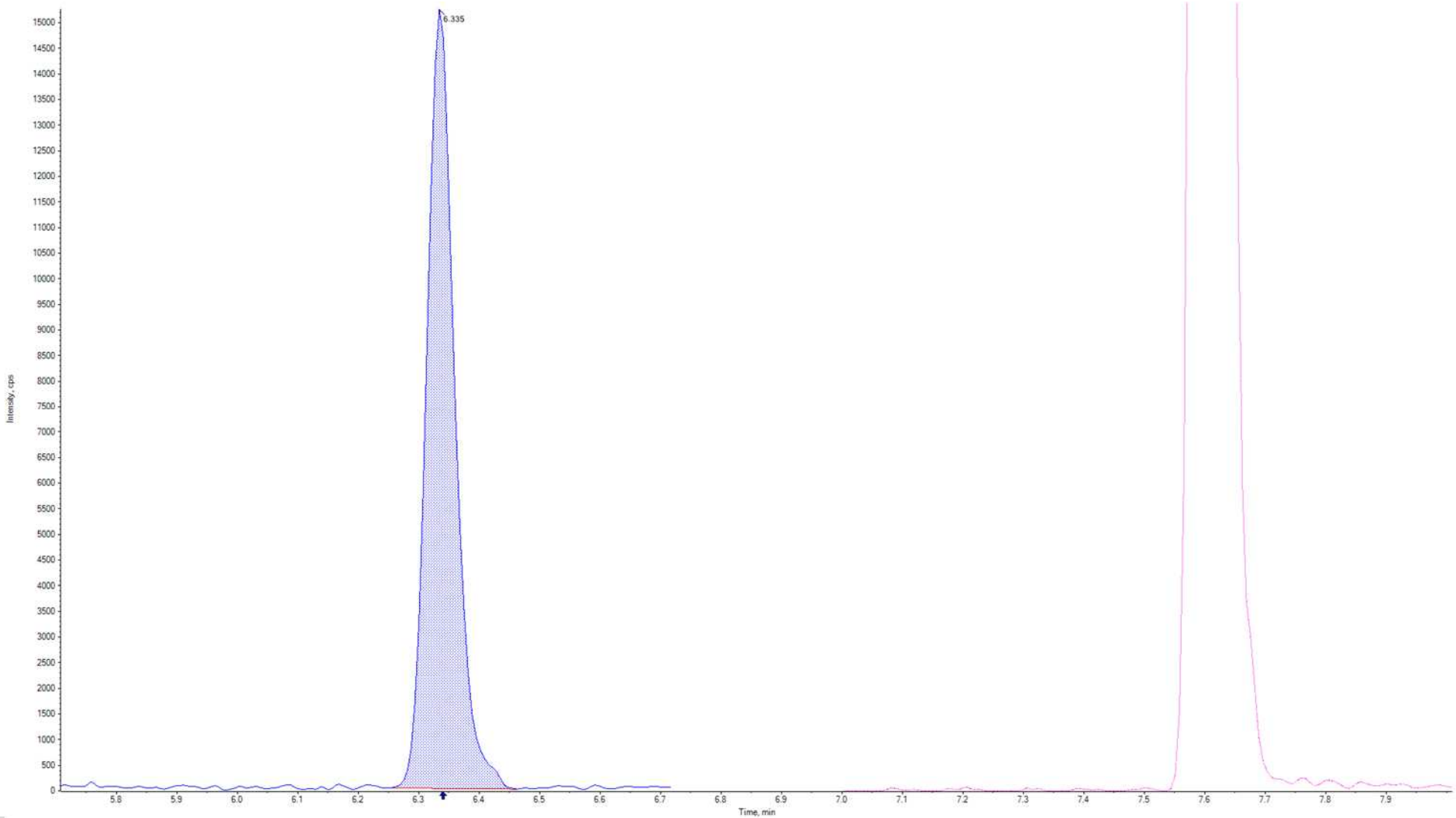
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFBS_2
Sample: IA1633STD-.2 S/N:837.1 Points Across peak:18



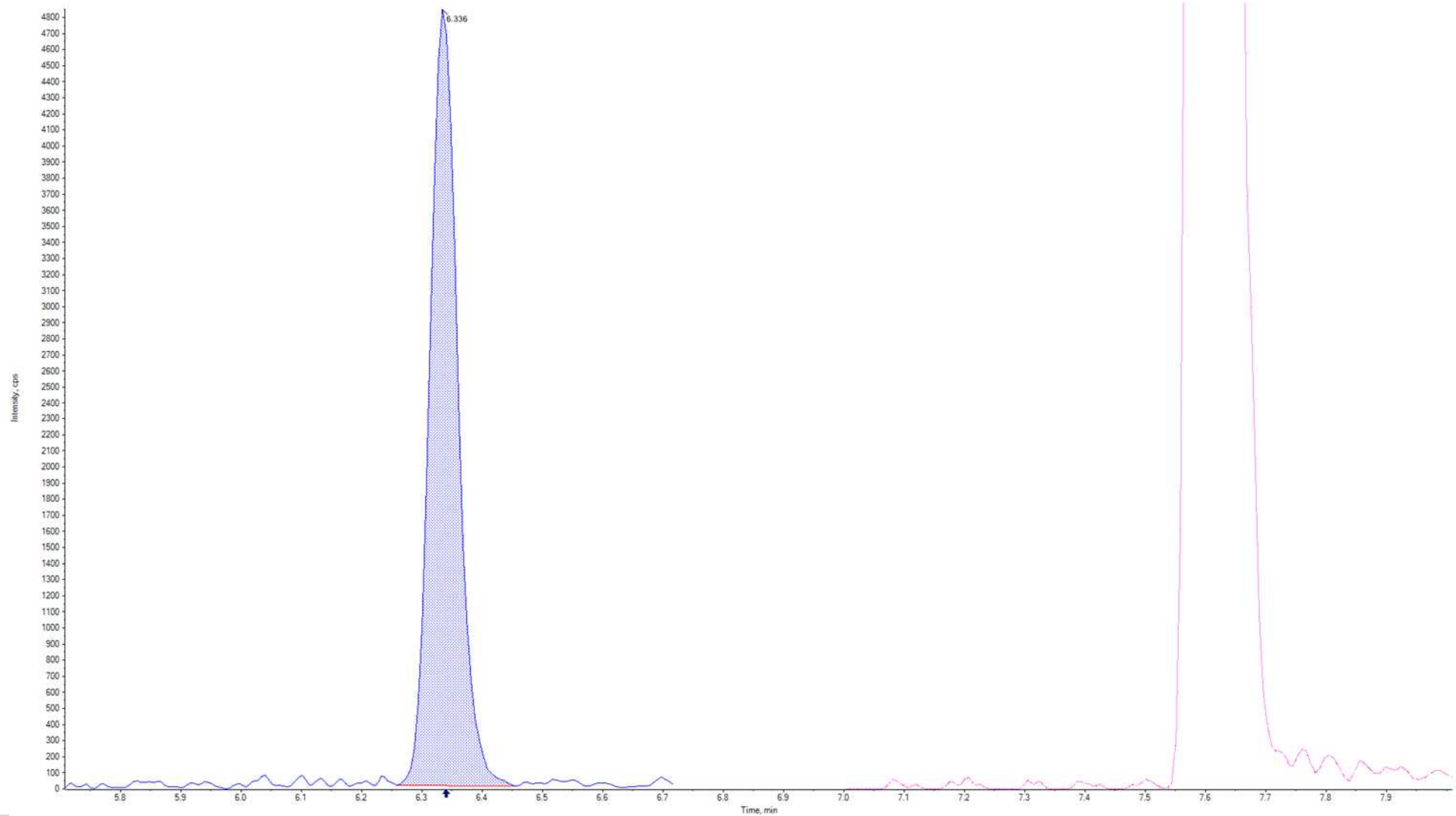
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFPeS
Sample: IA1633STD-.2 S/N:1407.9 Points Across peak:33



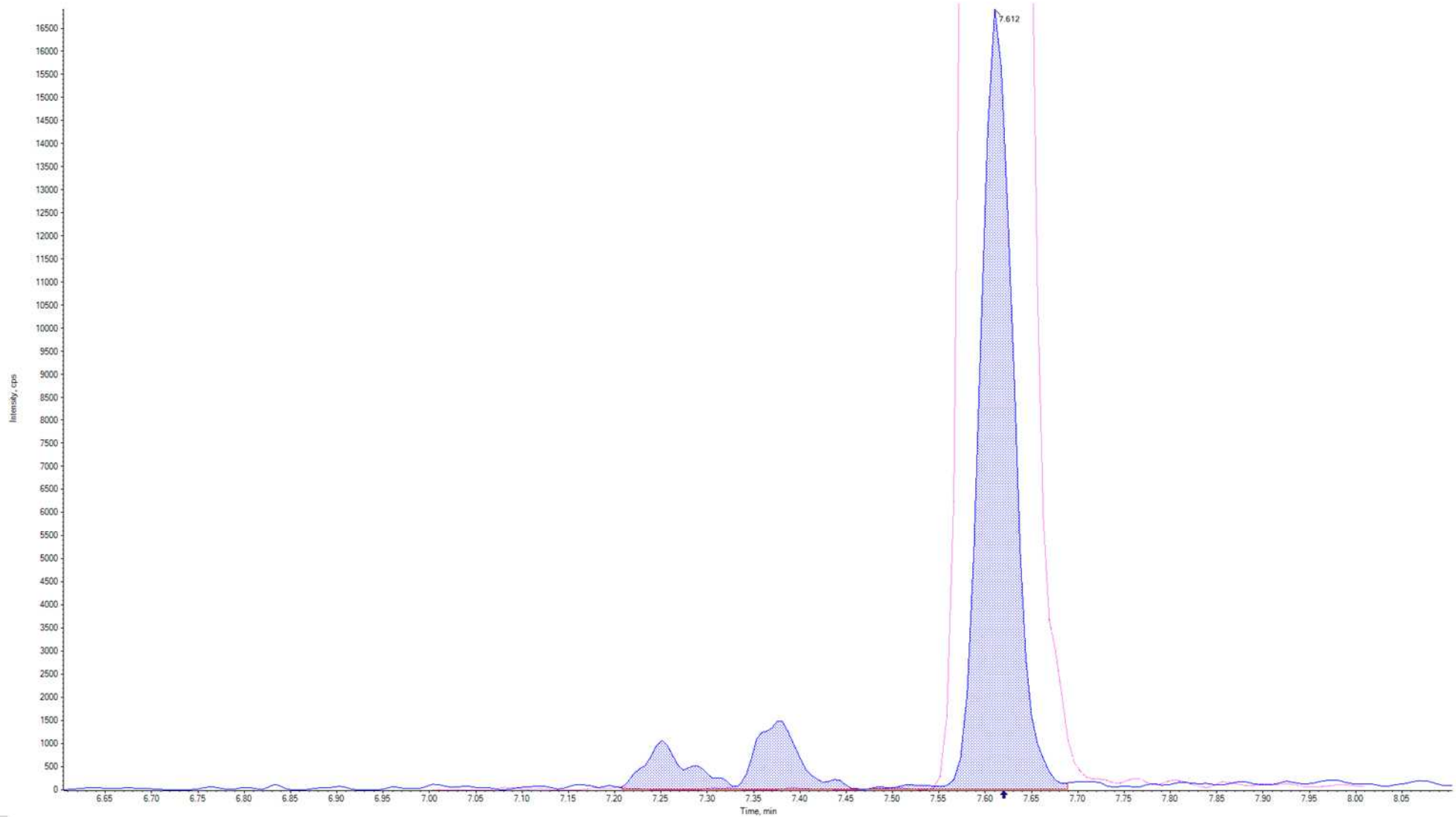
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS_2
Sample: IA1633STD-.2 S/N:1699.2 Points Across peak:31



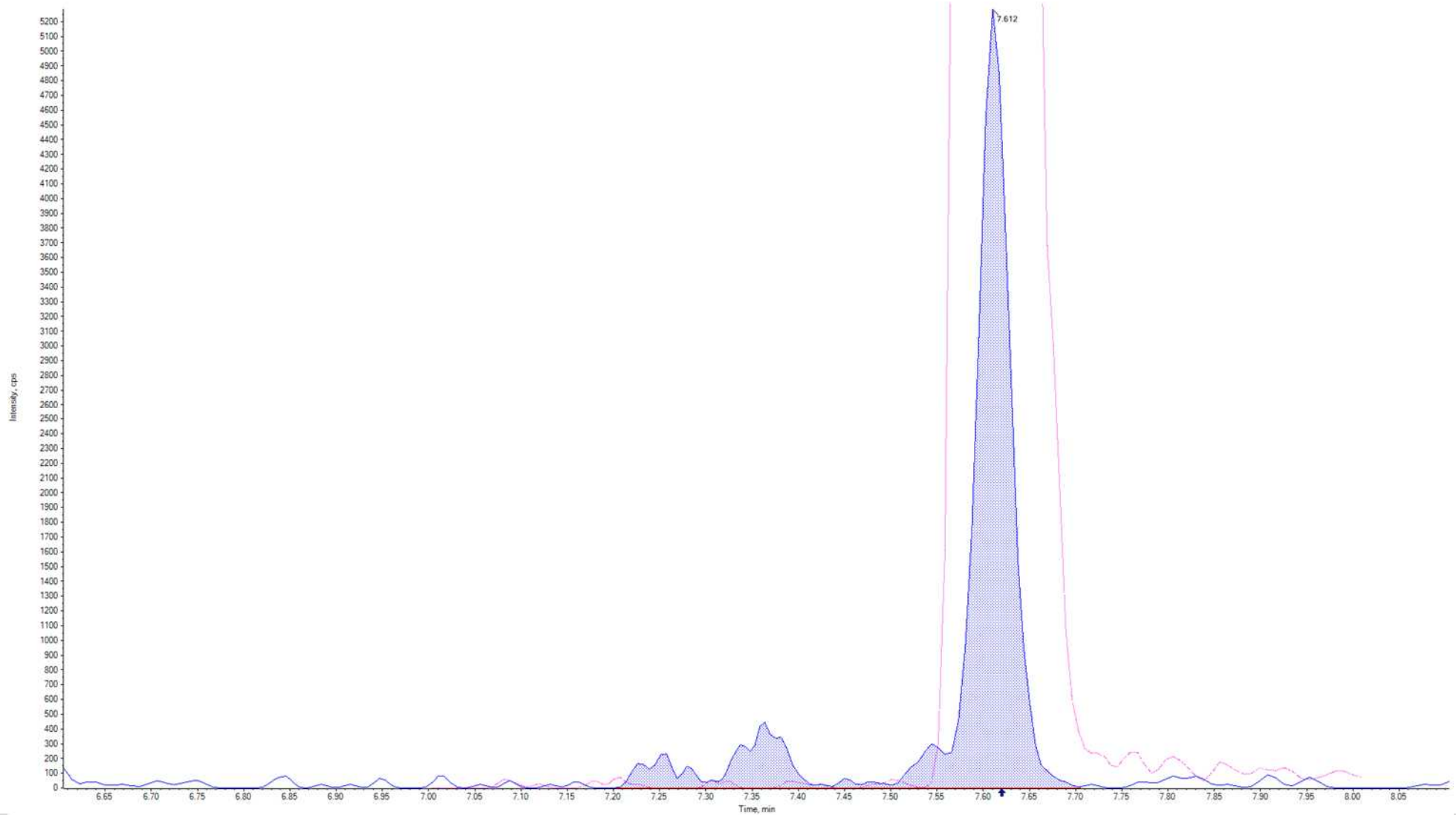
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS
Sample: IA1633STD-.2 S/N:9073.1 Points Across peak:78



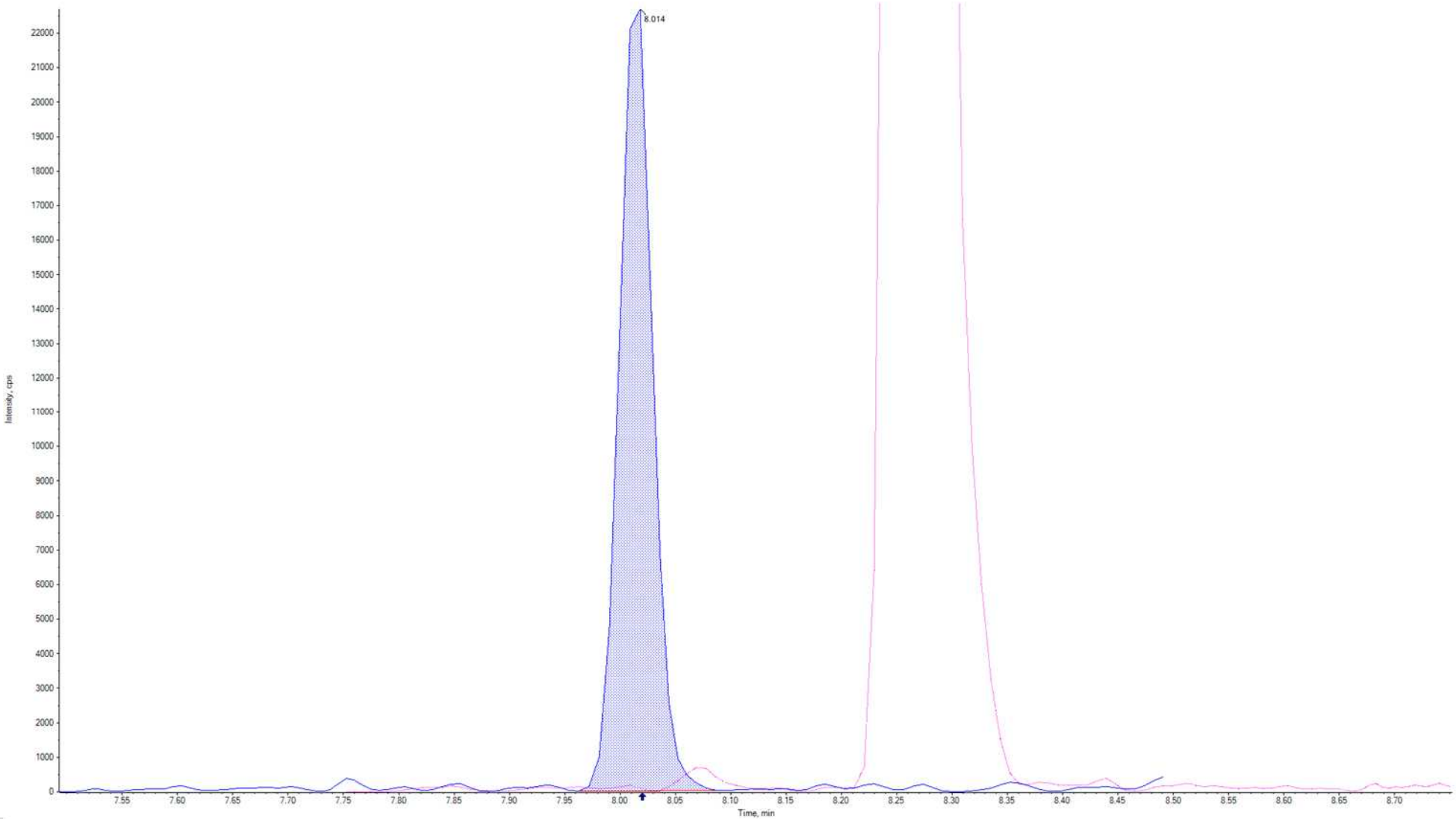
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS_2
Sample: IA1633STD-.2 S/N:1794713.1 Points Across peak:82



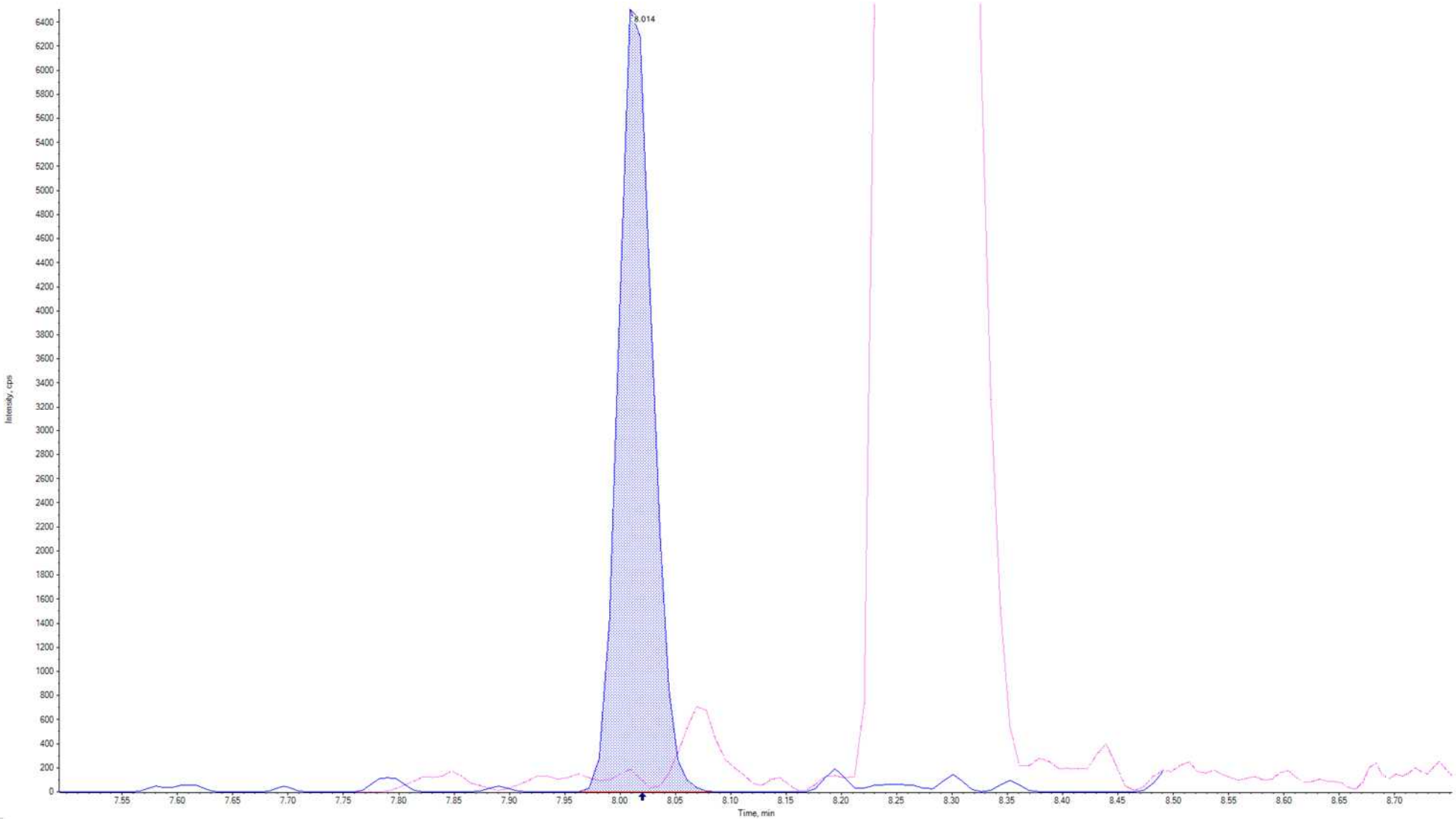
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS
Sample: IA1633STD-.2 S/N:4476.7 Points Across peak:16



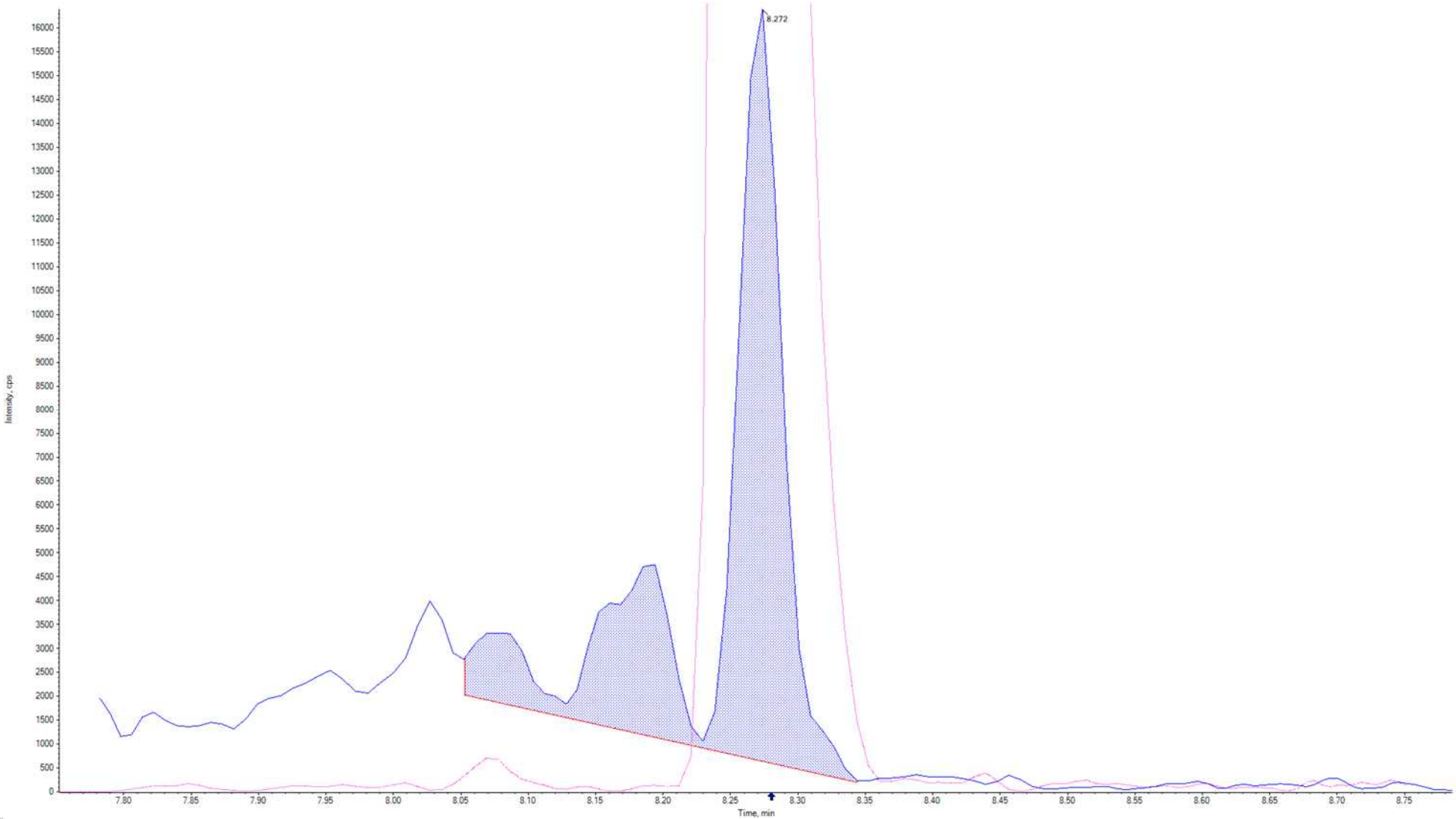
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS_2
Sample: IA1633STD-.2 S/N:605.6 Points Across peak:21



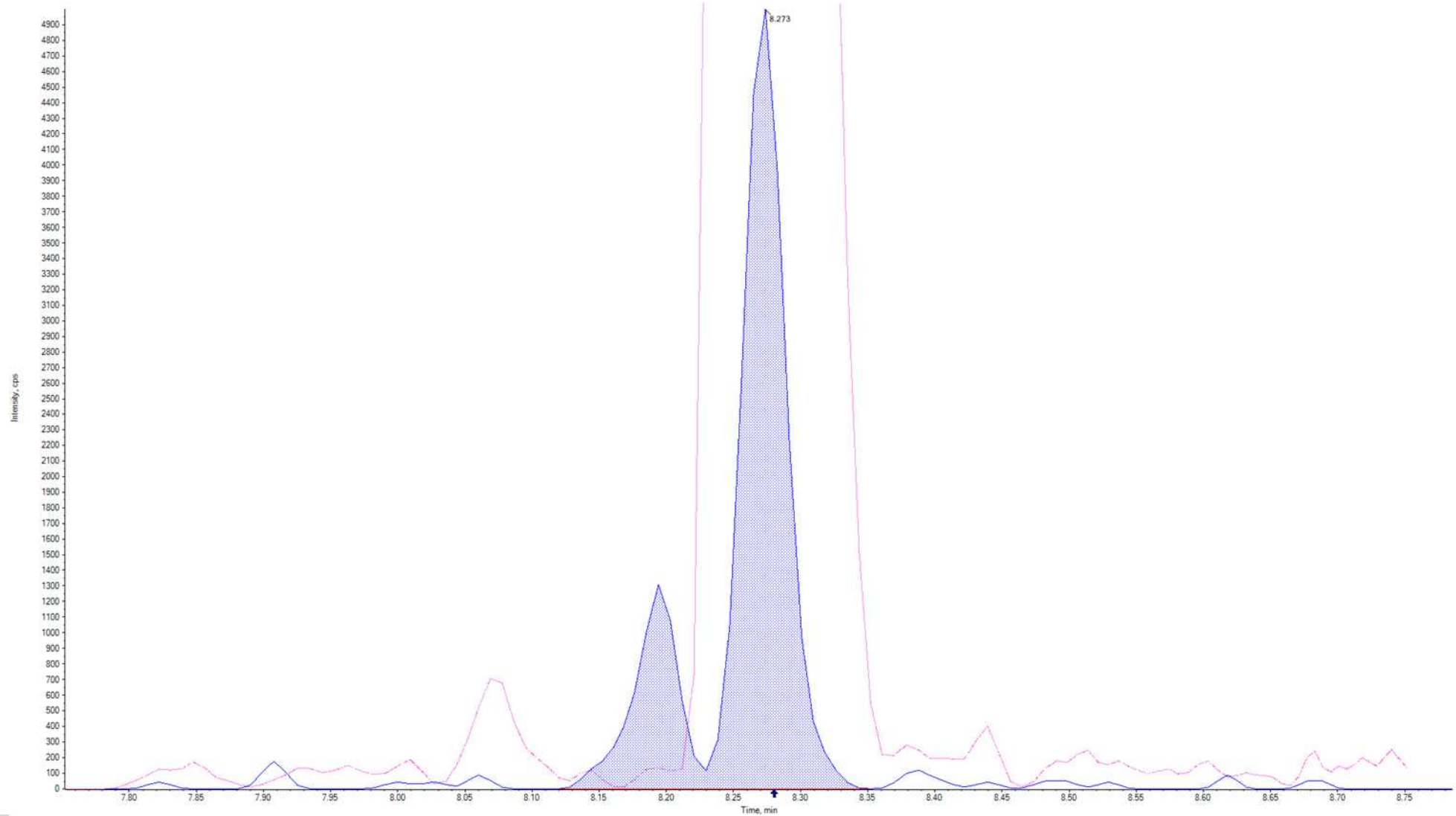
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFOS
Sample: IA1633STD-.2 S/N:461.4 Points Across peak:36



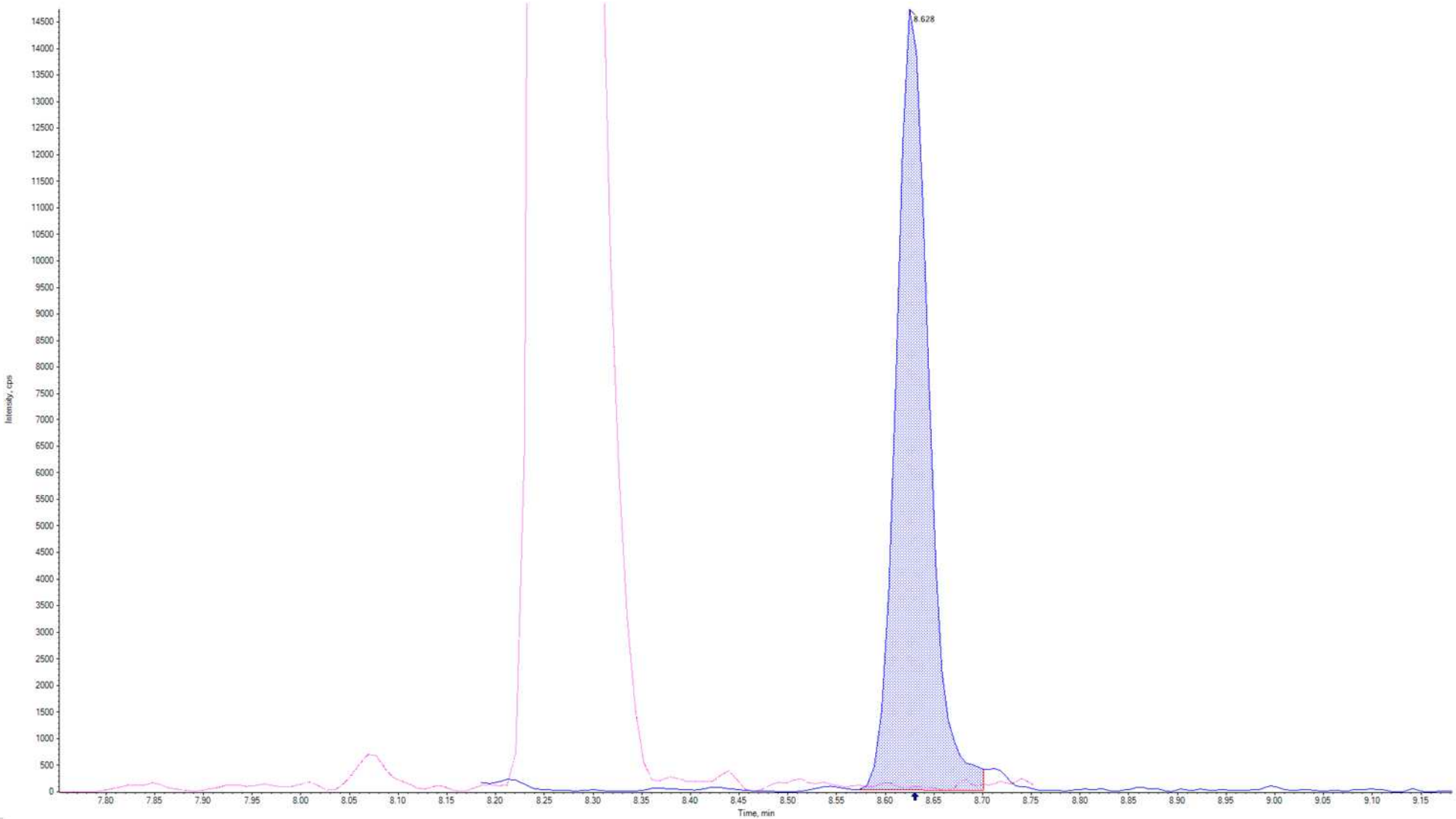
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFOS_2
Sample: IA1633STD-.2 S/N:253.1 Points Across peak:29



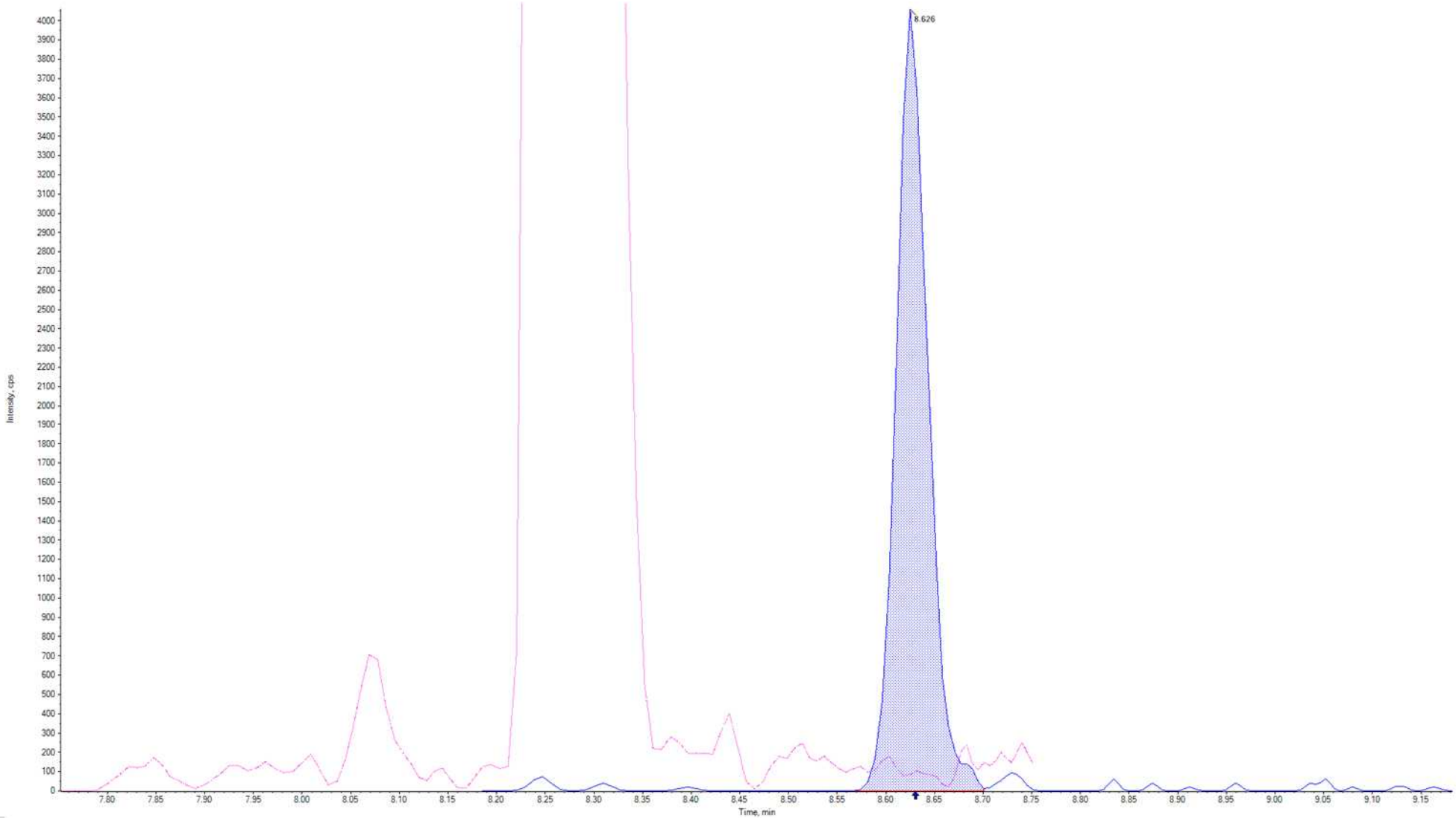
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFNS
Sample: IA1633STD-.2 S/N:7657.7 Points Across peak:21



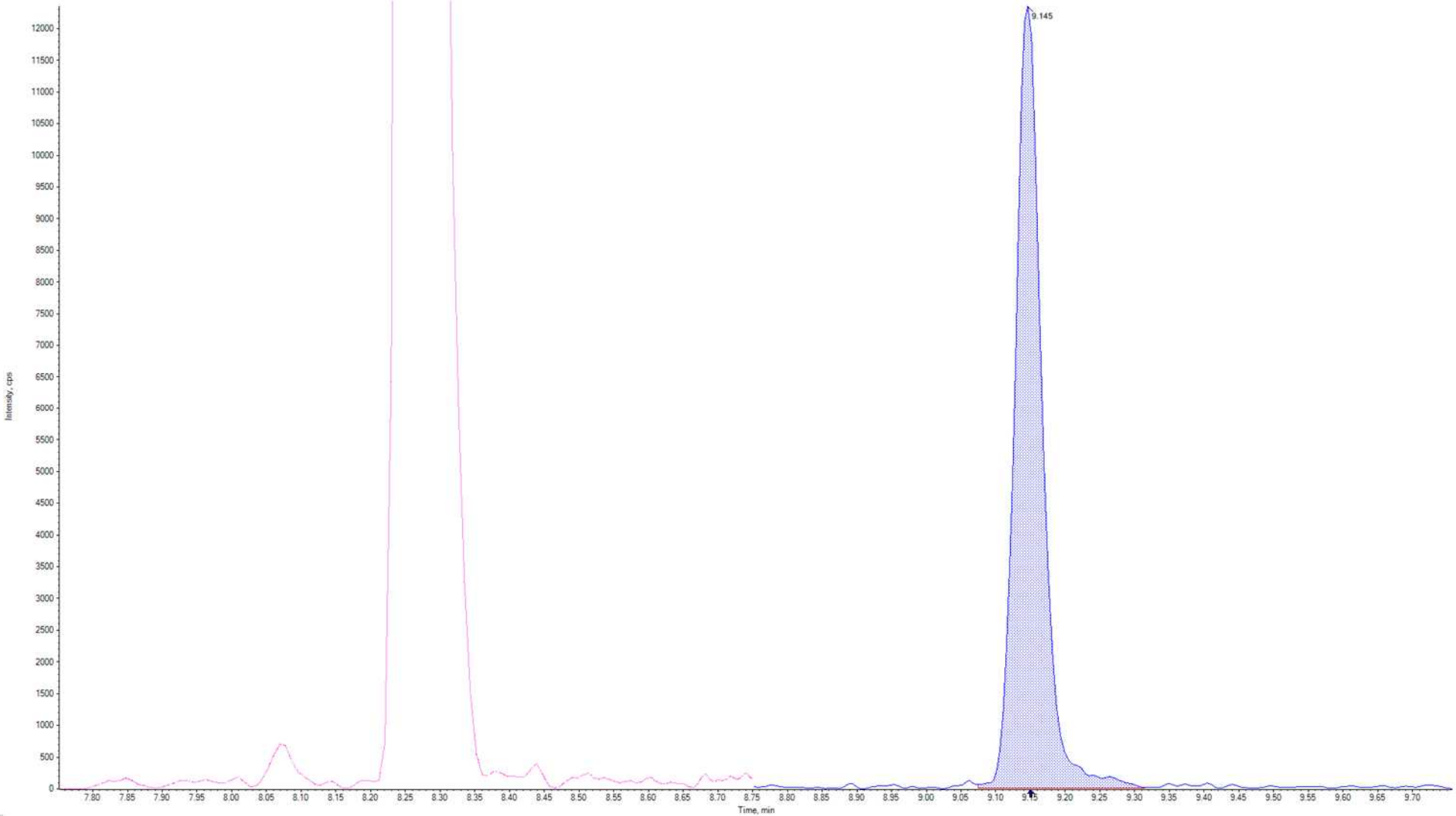
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFNS_2
Sample: IA1633STD-.2 S/N:673.1 Points Across peak:26



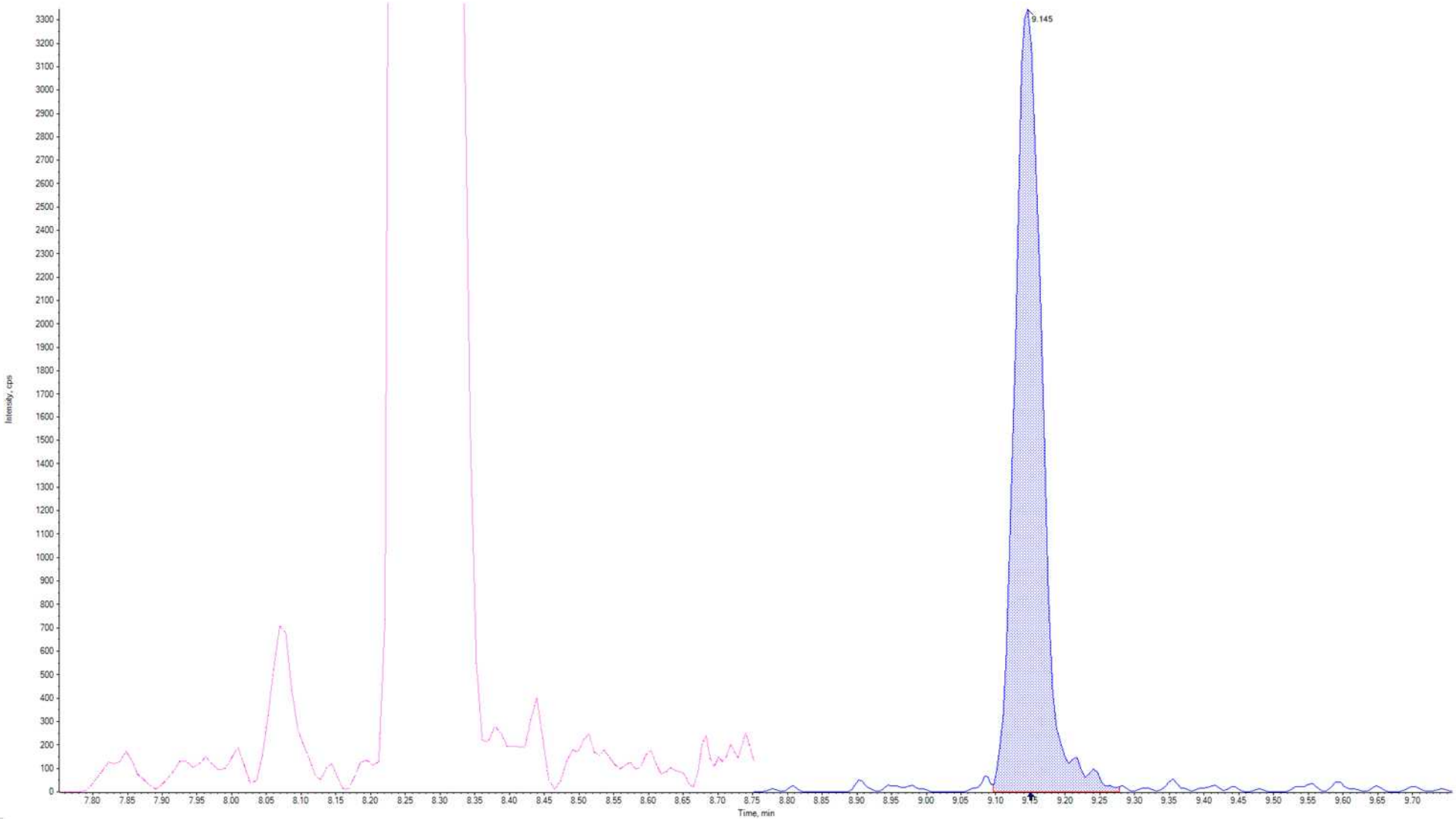
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDS
Sample: IA1633STD-.2 S/N:3521.8 Points Across peak:47



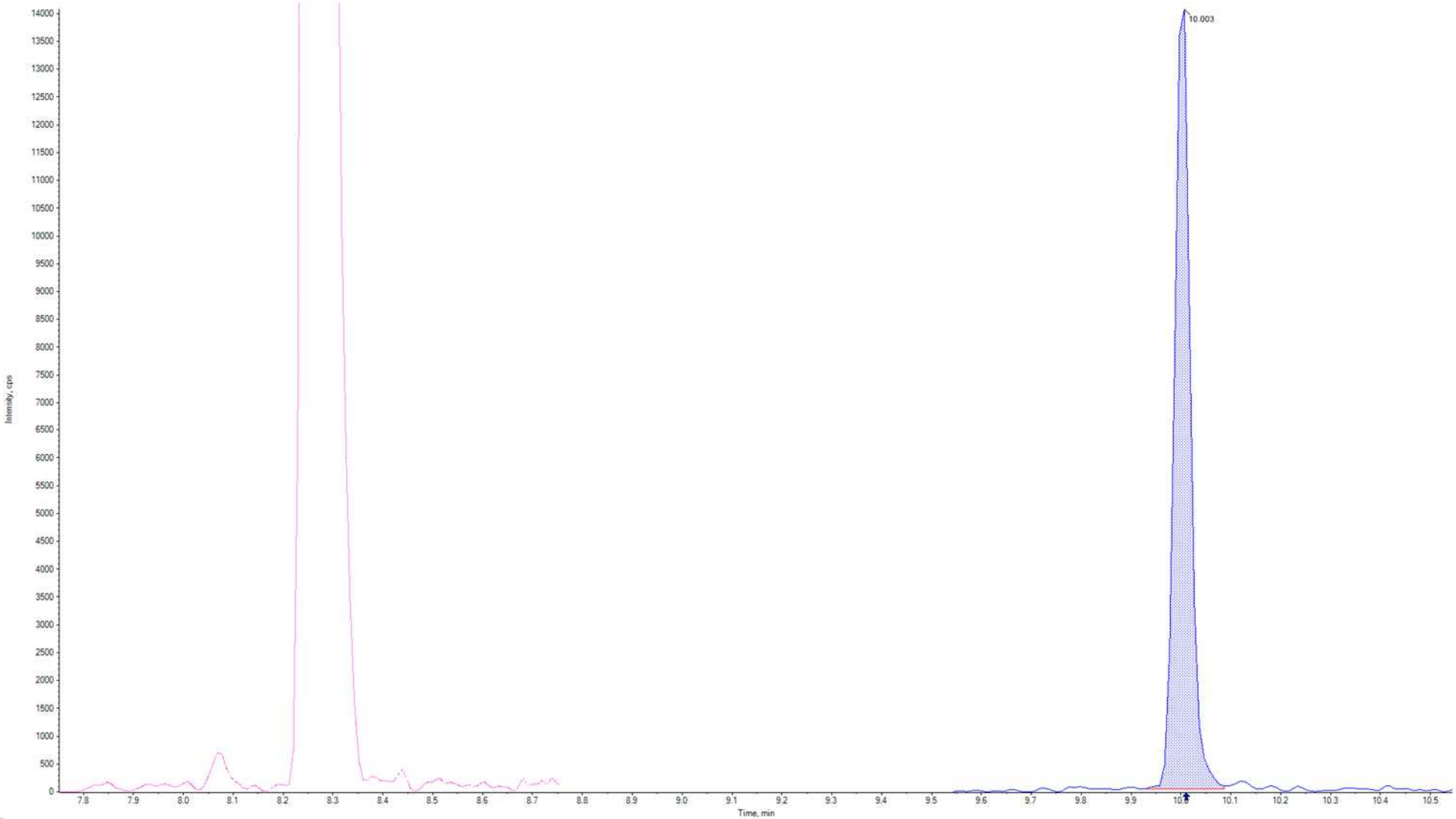
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDS_2
Sample: IA1633STD-.2 S/N:448.0 Points Across peak:36



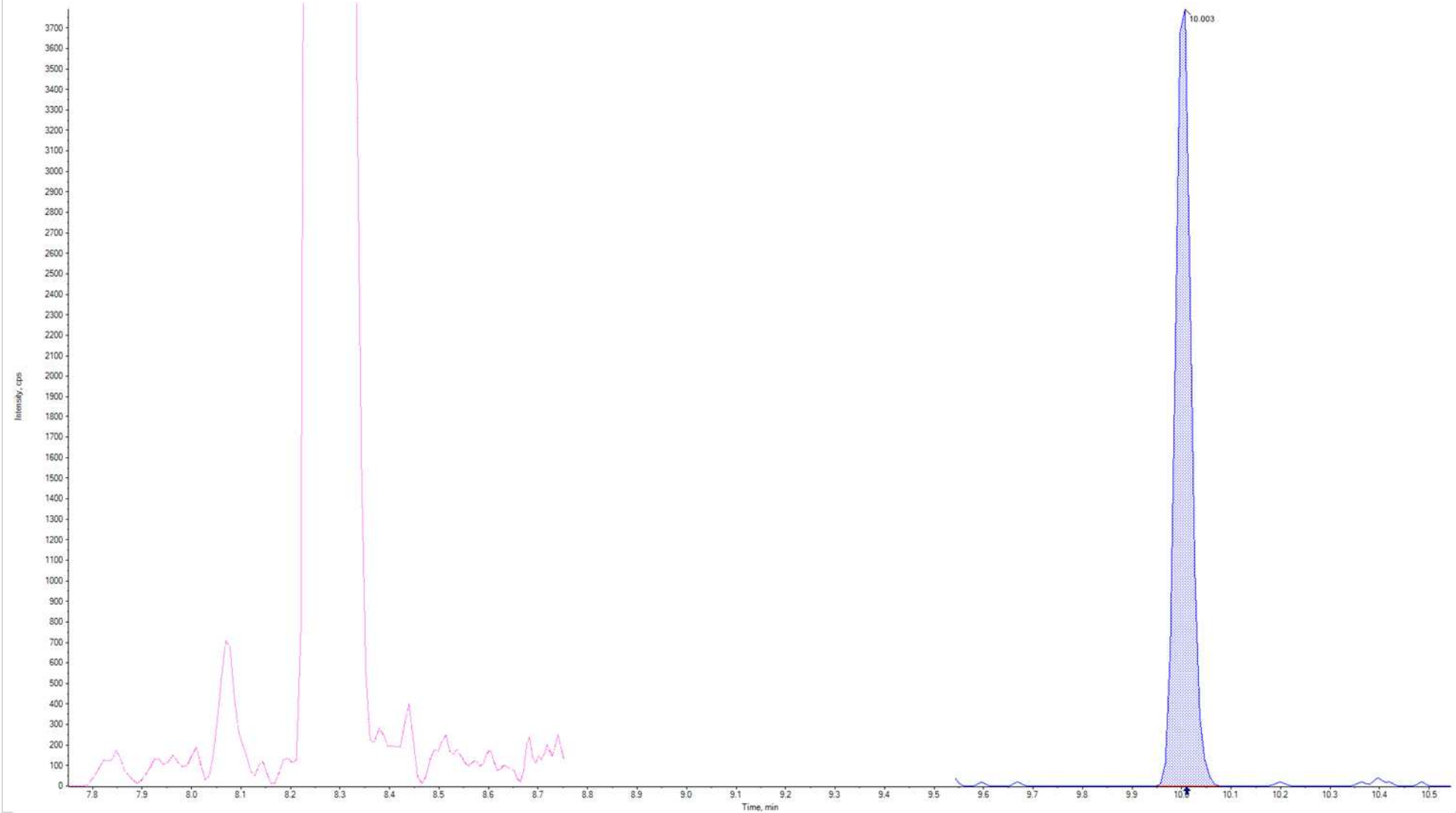
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS
Sample: IA1633STD-.2 S/N:3800.1 Points Across peak:18



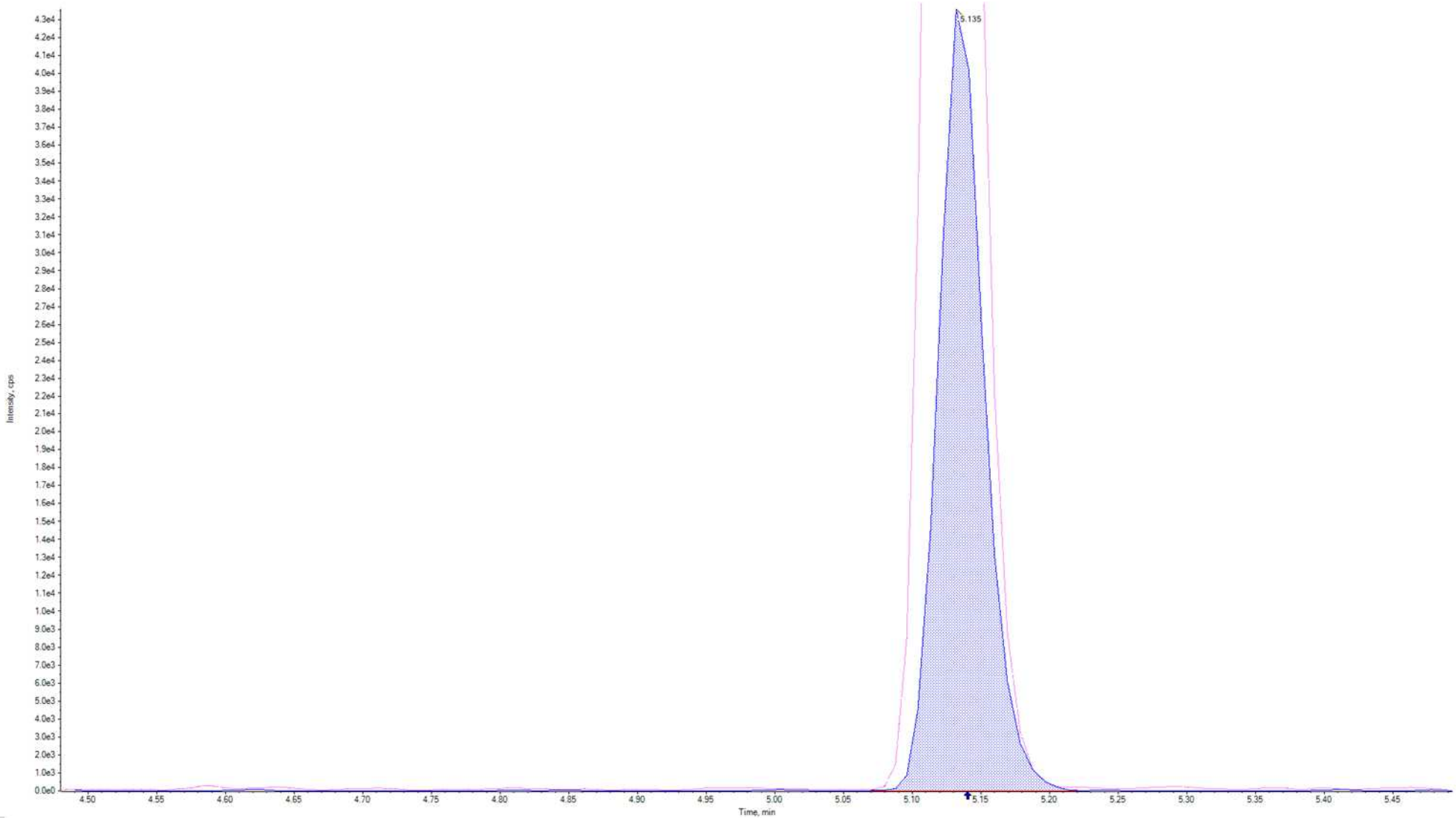
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS_2
Sample: IA1633STD-.2 S/N:11205.2 Points Across peak:24



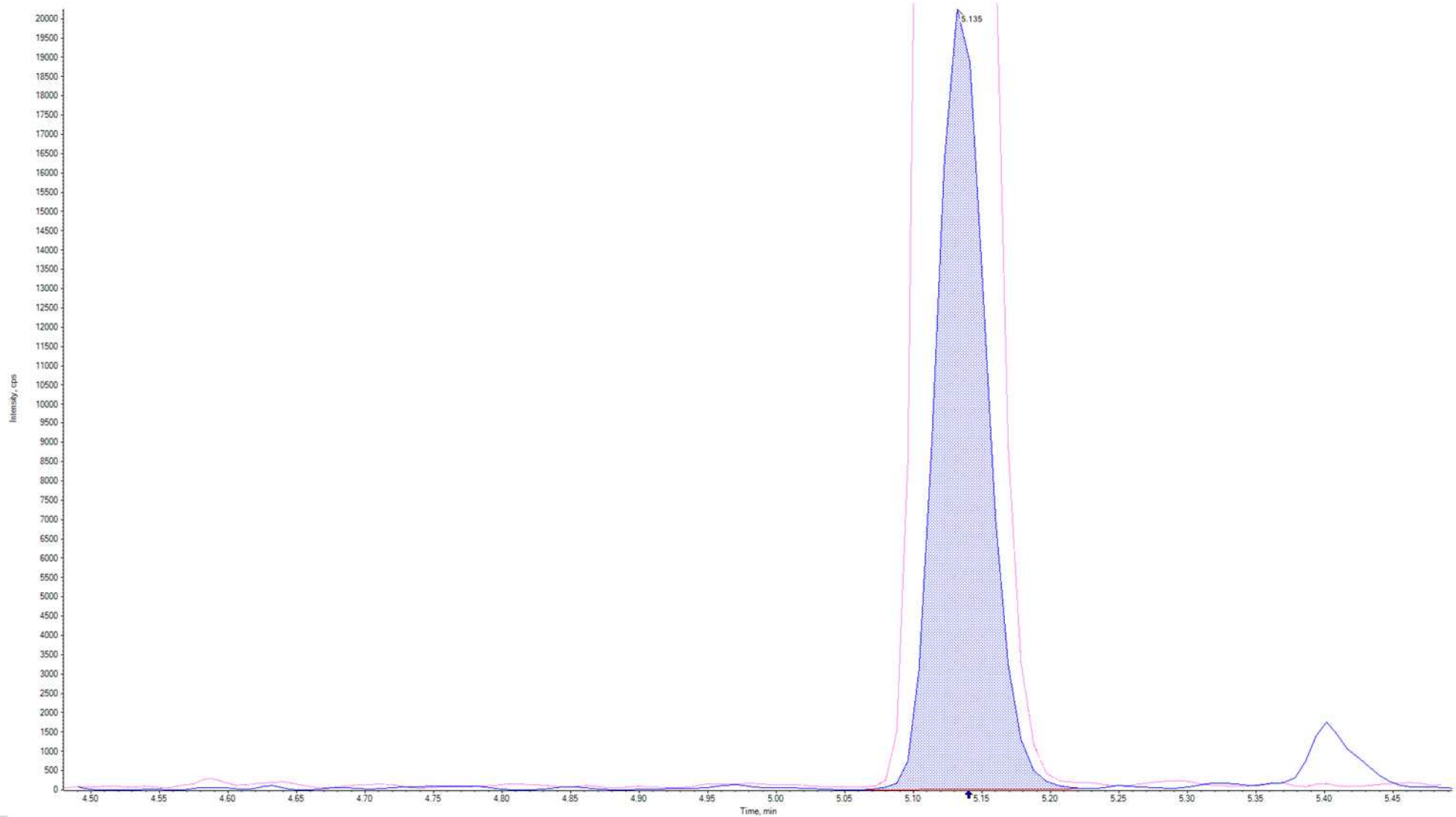
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS
Sample: IA1633STD-.2 S/N:491982.5 Points Across peak:20



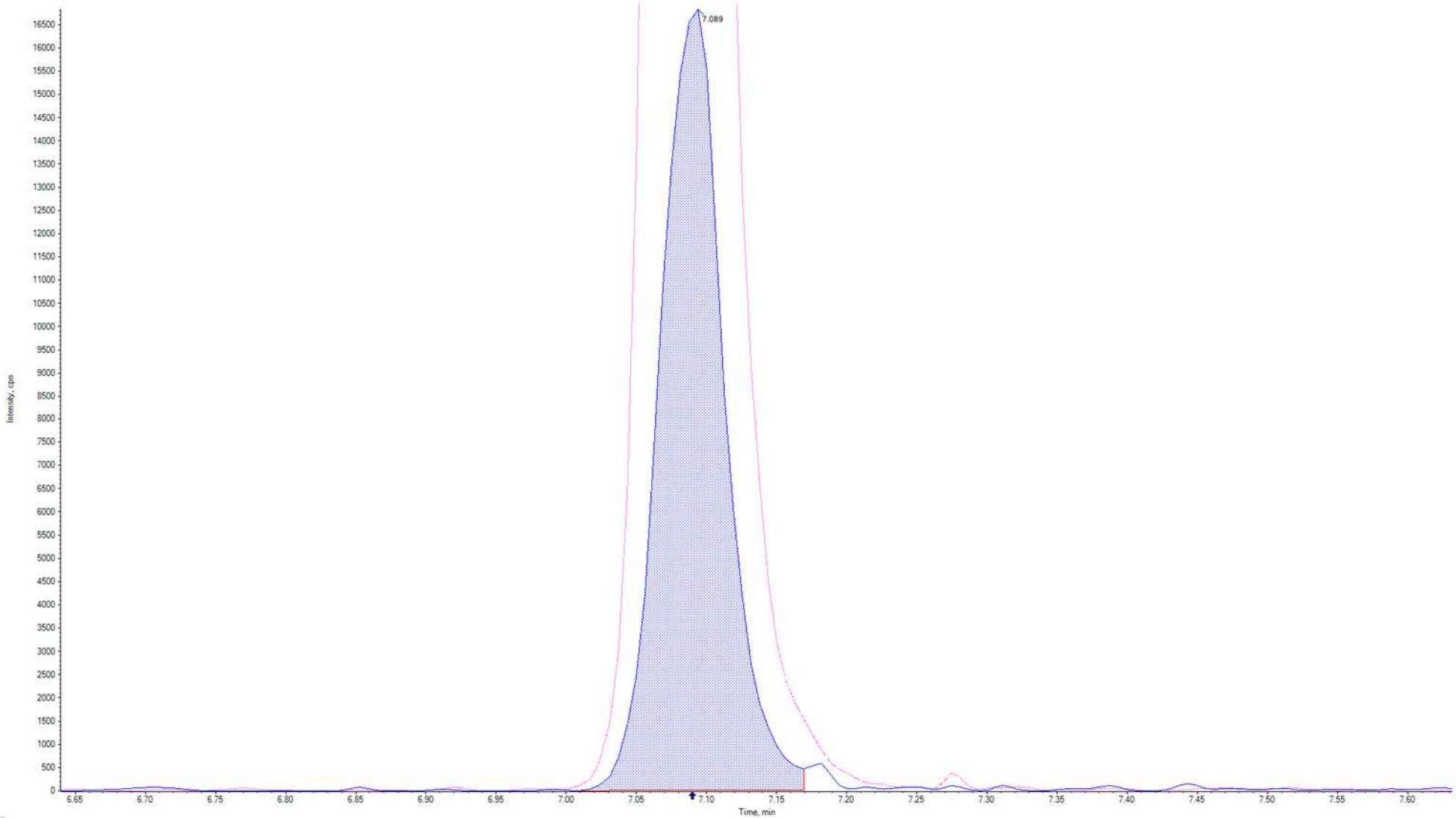
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS_2
Sample: IA1633STD-.2 S/N:28540.2 Points Across peak:21



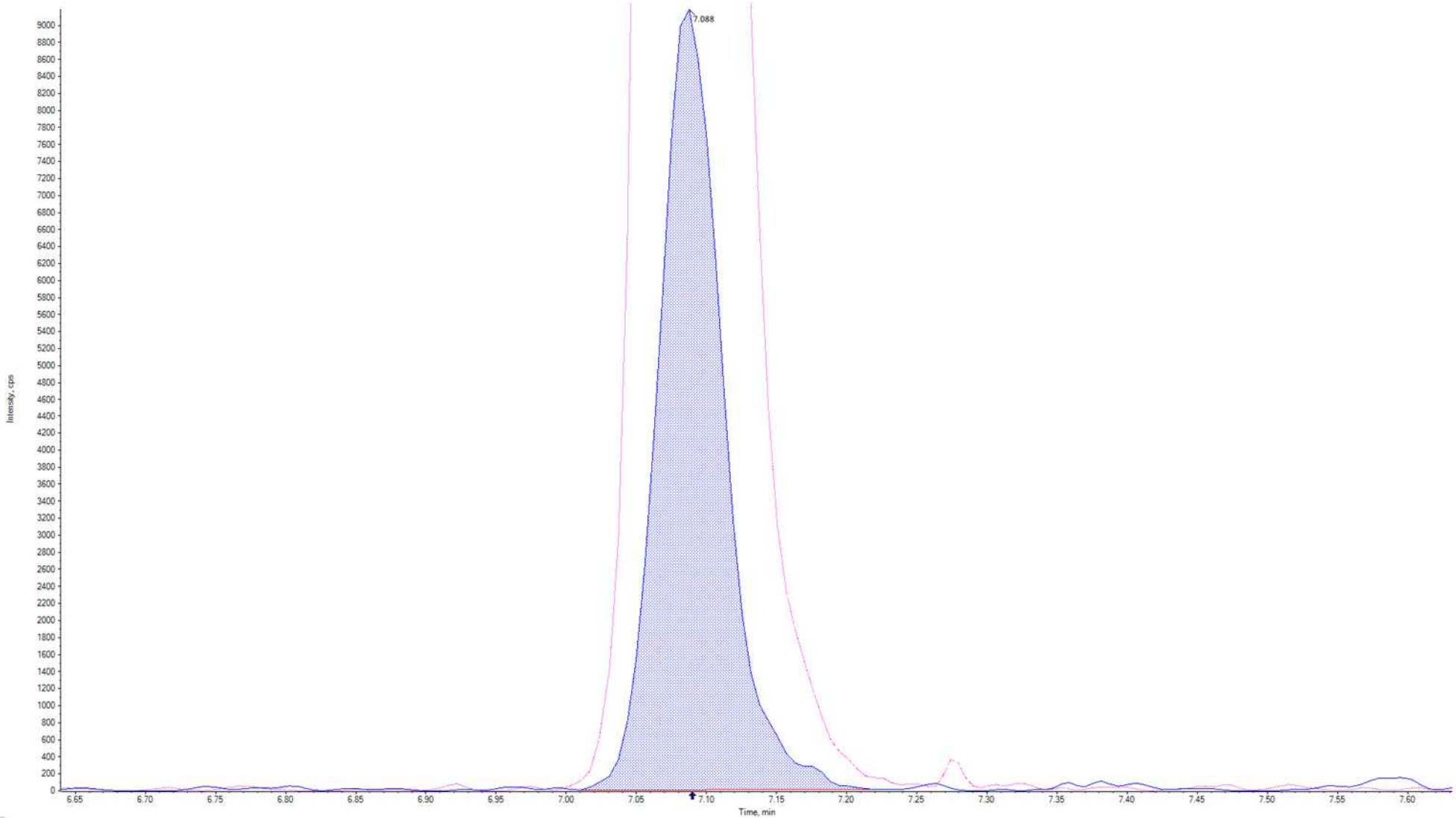
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS
Sample: IA1633STD-.2 S/N:672.0 Points Across peak:27



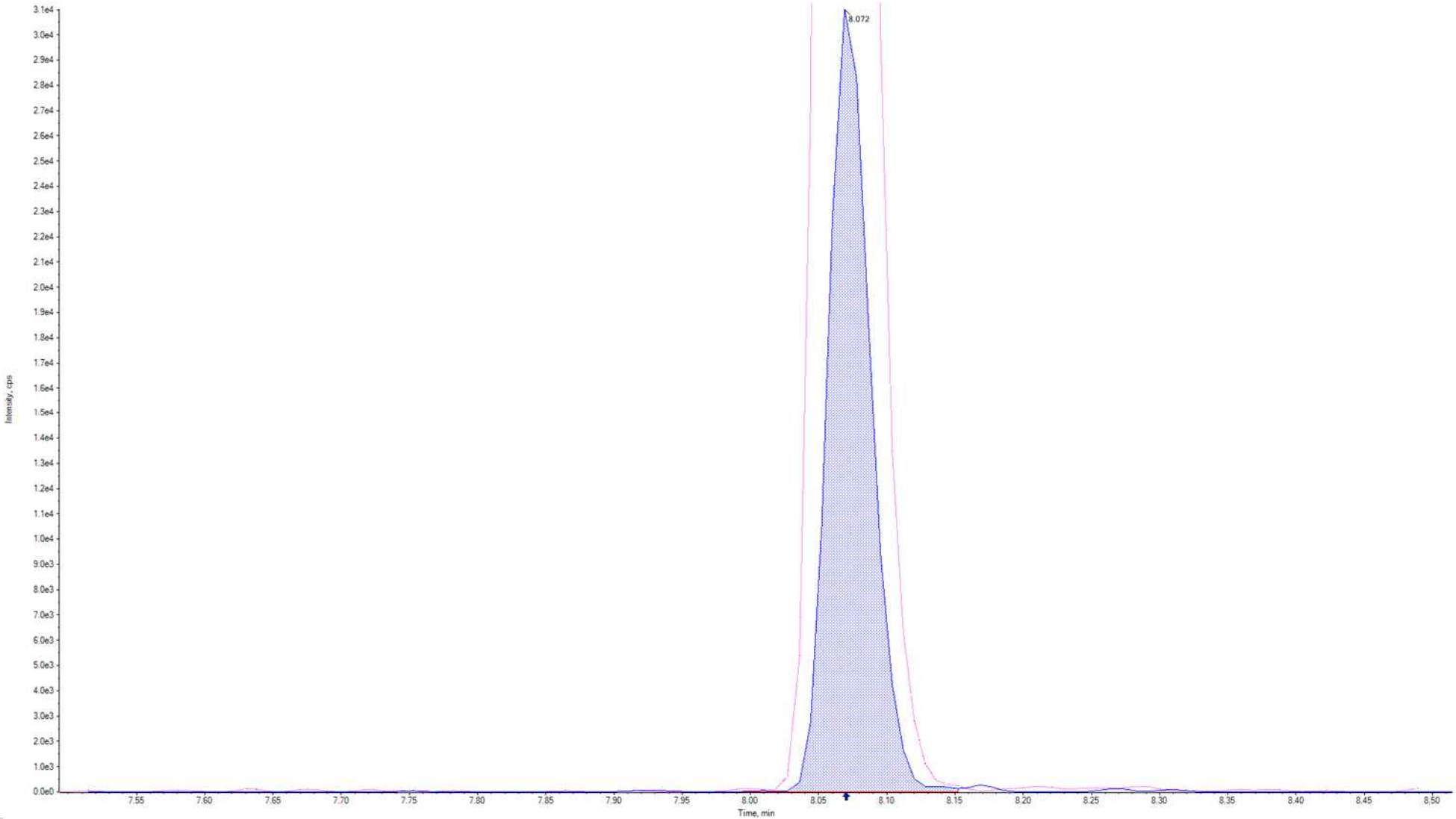
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS_2
Sample: IA1633STD-.2 S/N:40299.4 Points Across peak:35



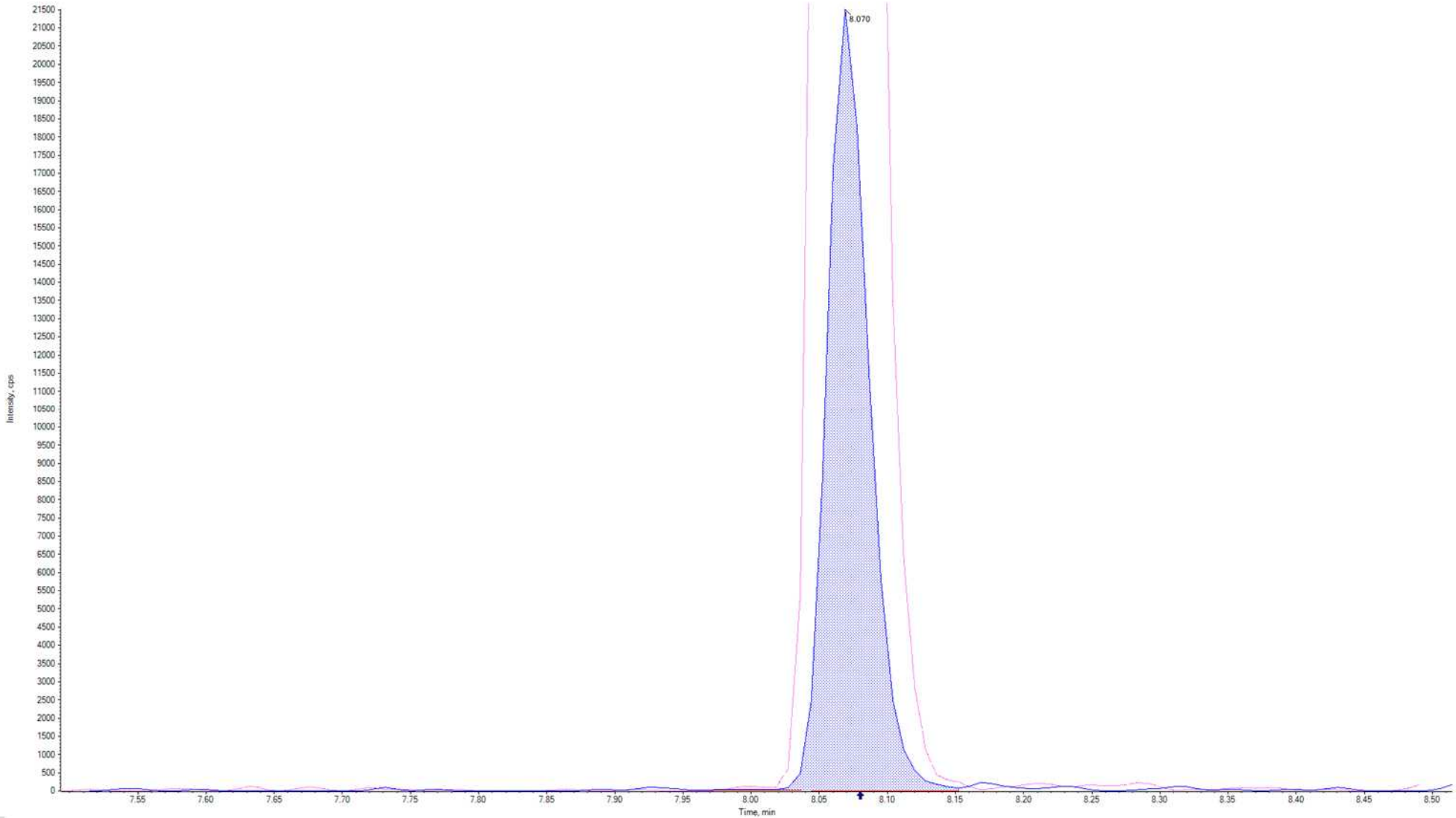
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS
Sample: IA1633STD-.2 S/N:39272.8 Points Across peak:22



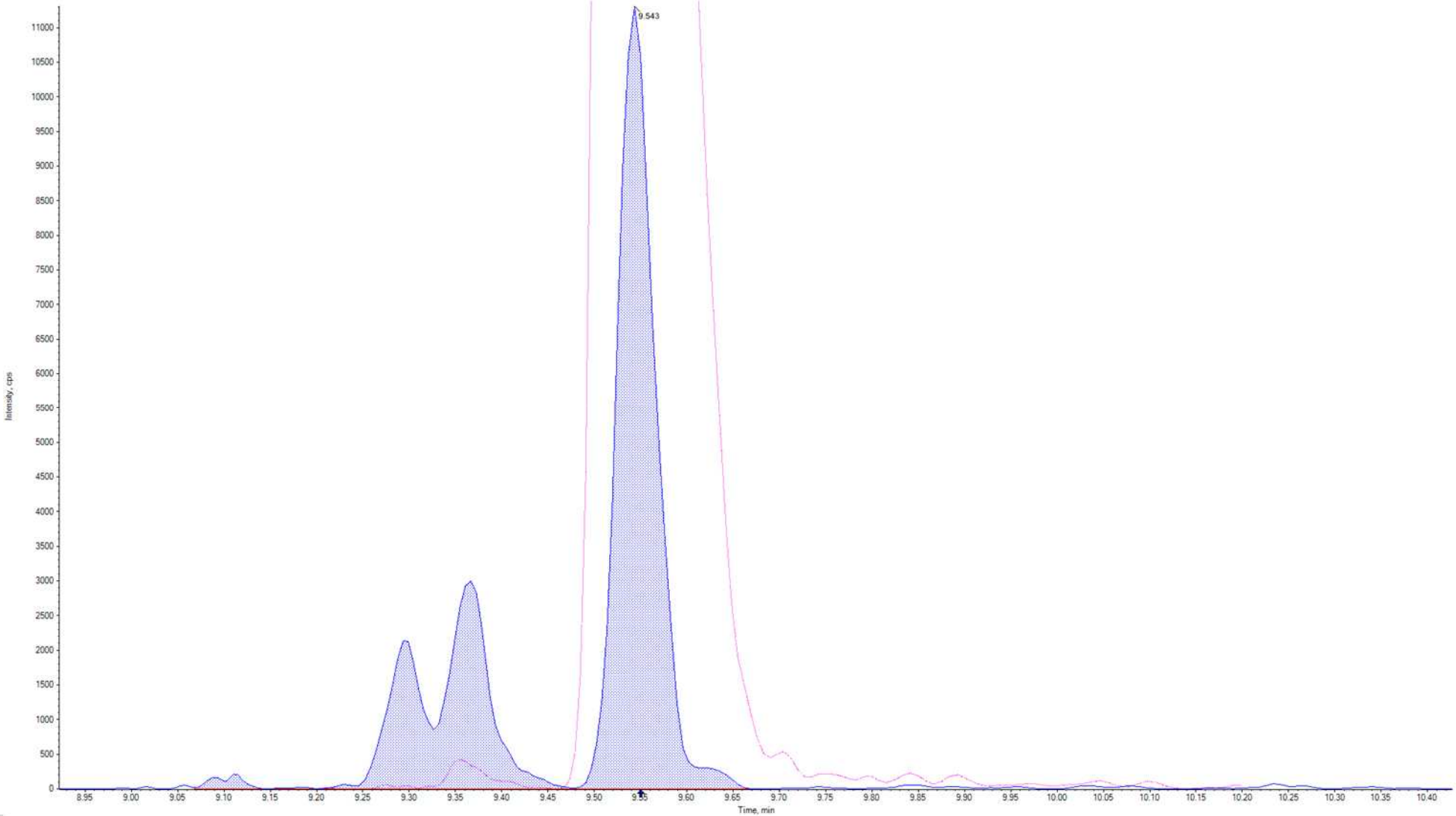
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS_2
Sample: IA1633STD-.2 S/N:711.3 Points Across peak:23



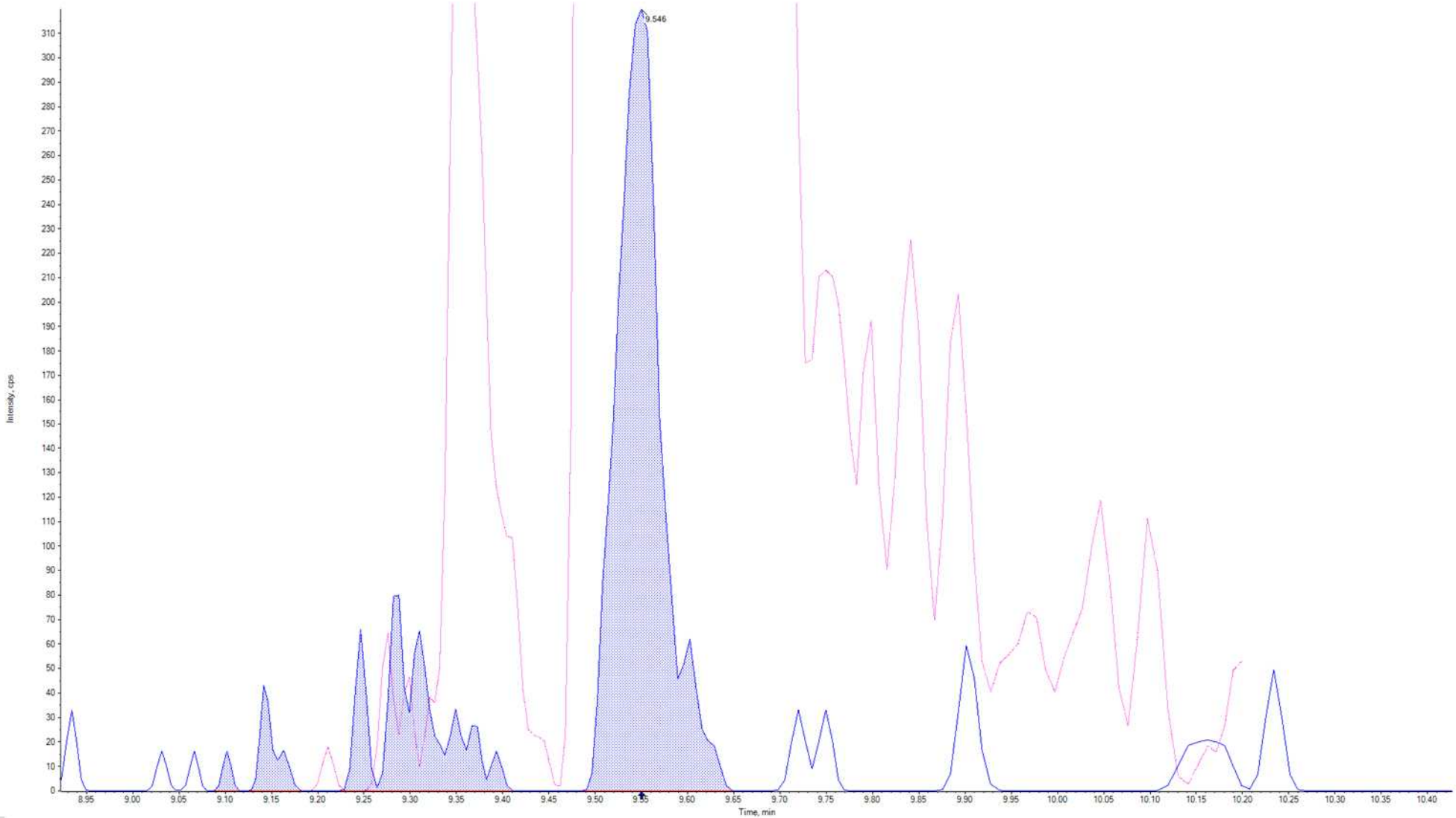
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA
Sample: IA1633STD-.2 S/N:663.8 Points Across peak:108



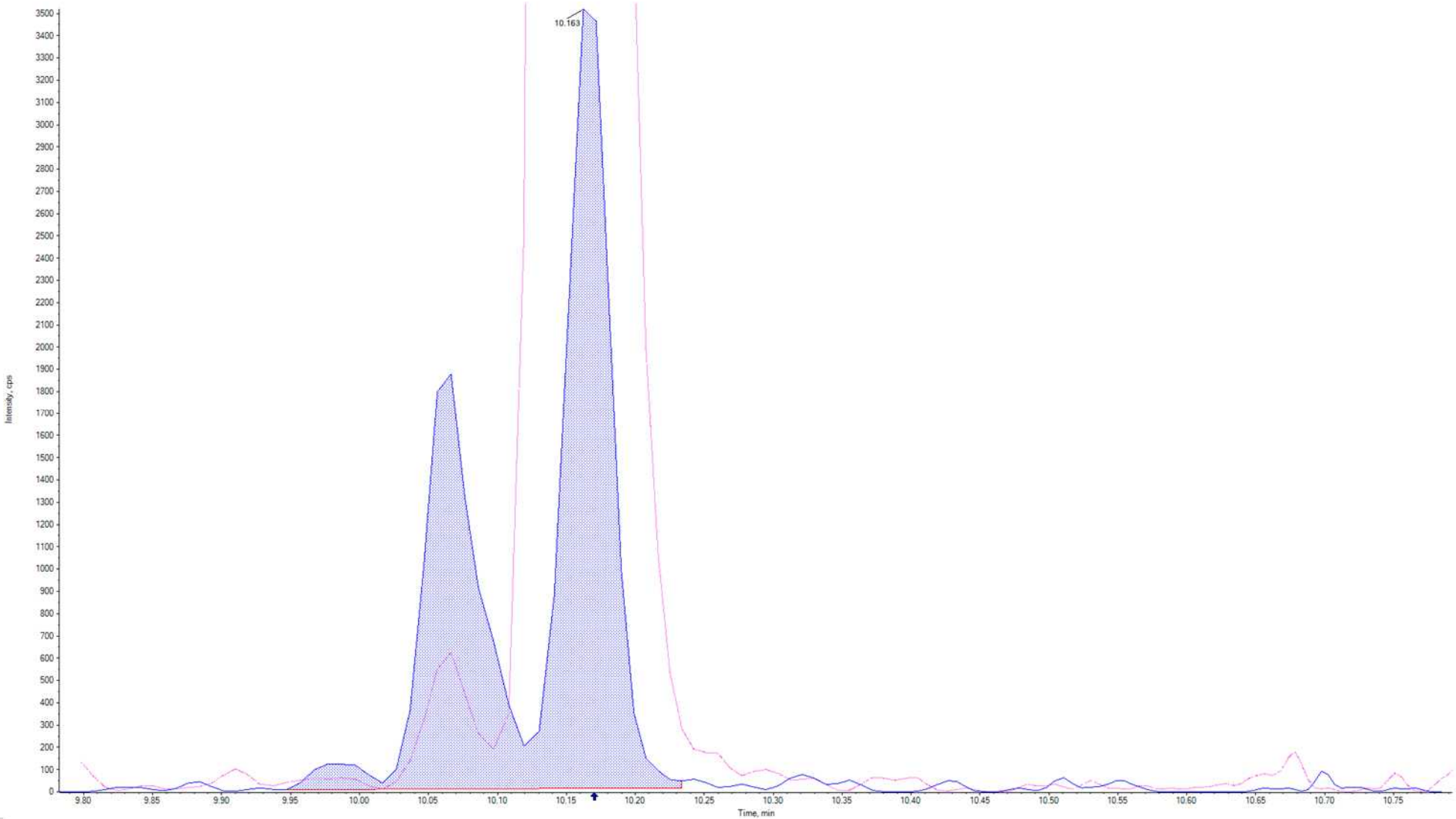
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA_2
Sample: IA1633STD-.2 S/N:149.5 Points Across peak:101



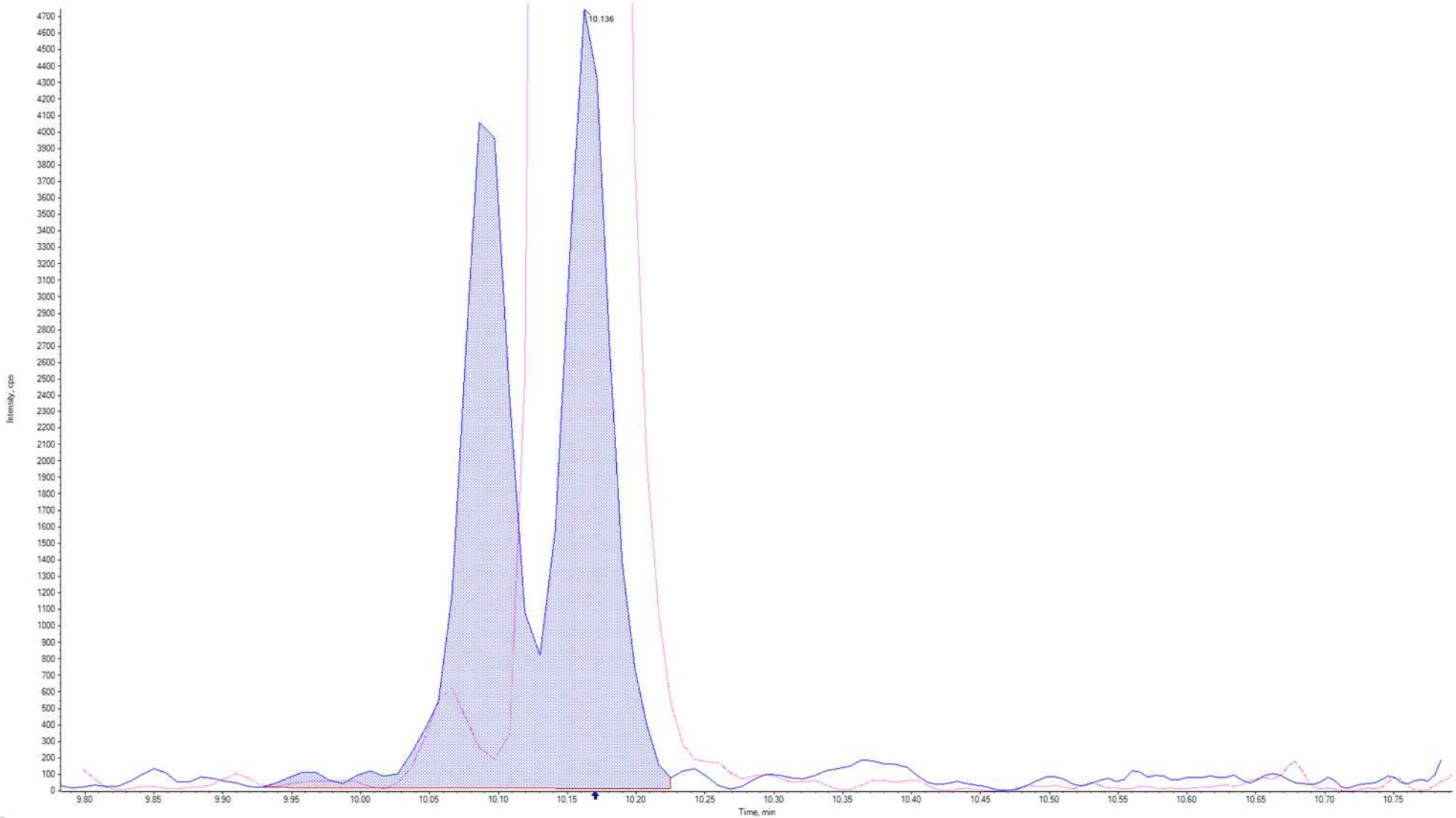
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA
Sample: IA1633STD-.2 S/N:233.2 Points Across peak:31



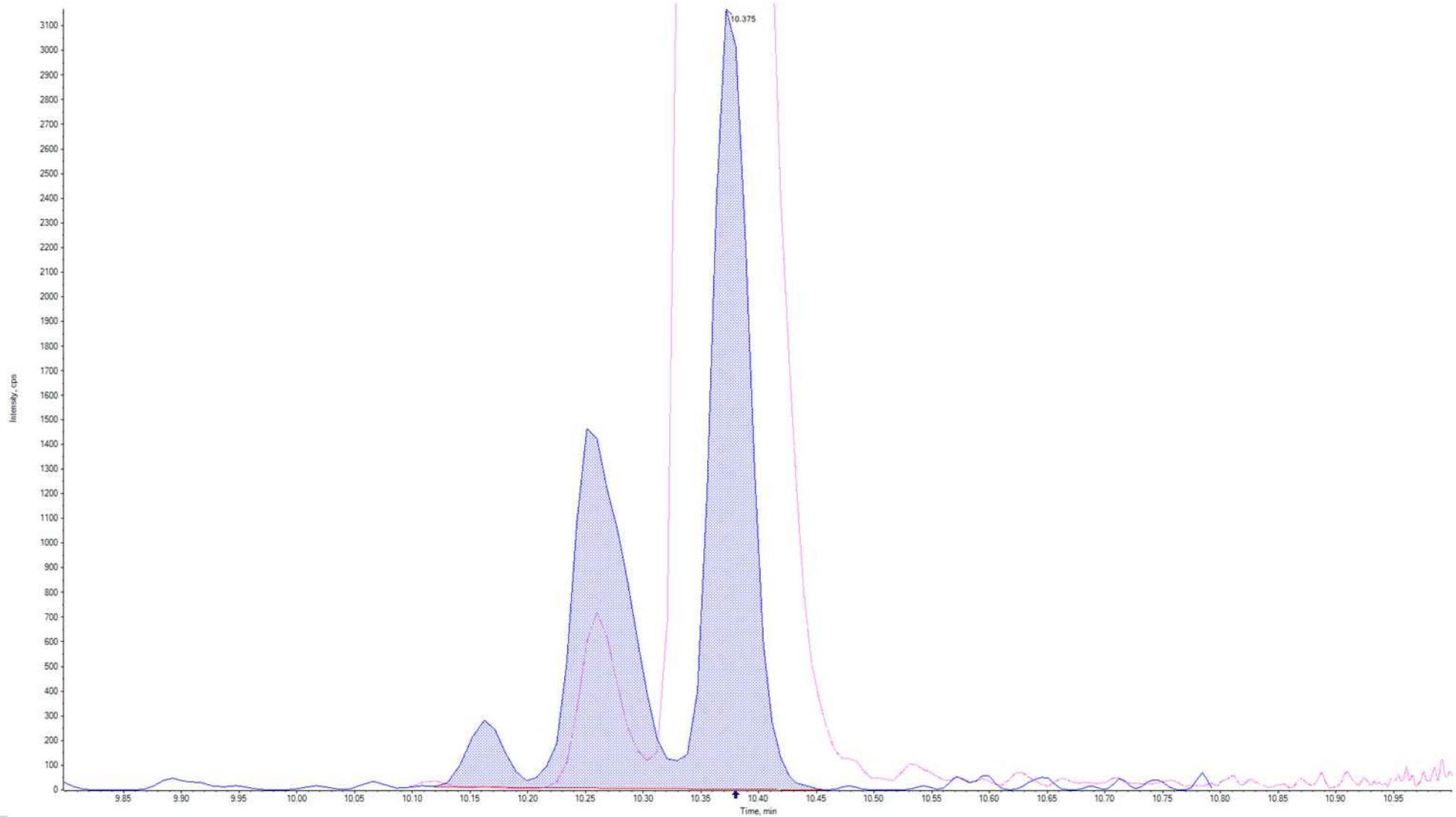
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA_2
Sample: IA1633STD-.2 S/N:722.5 Points Across peak:32



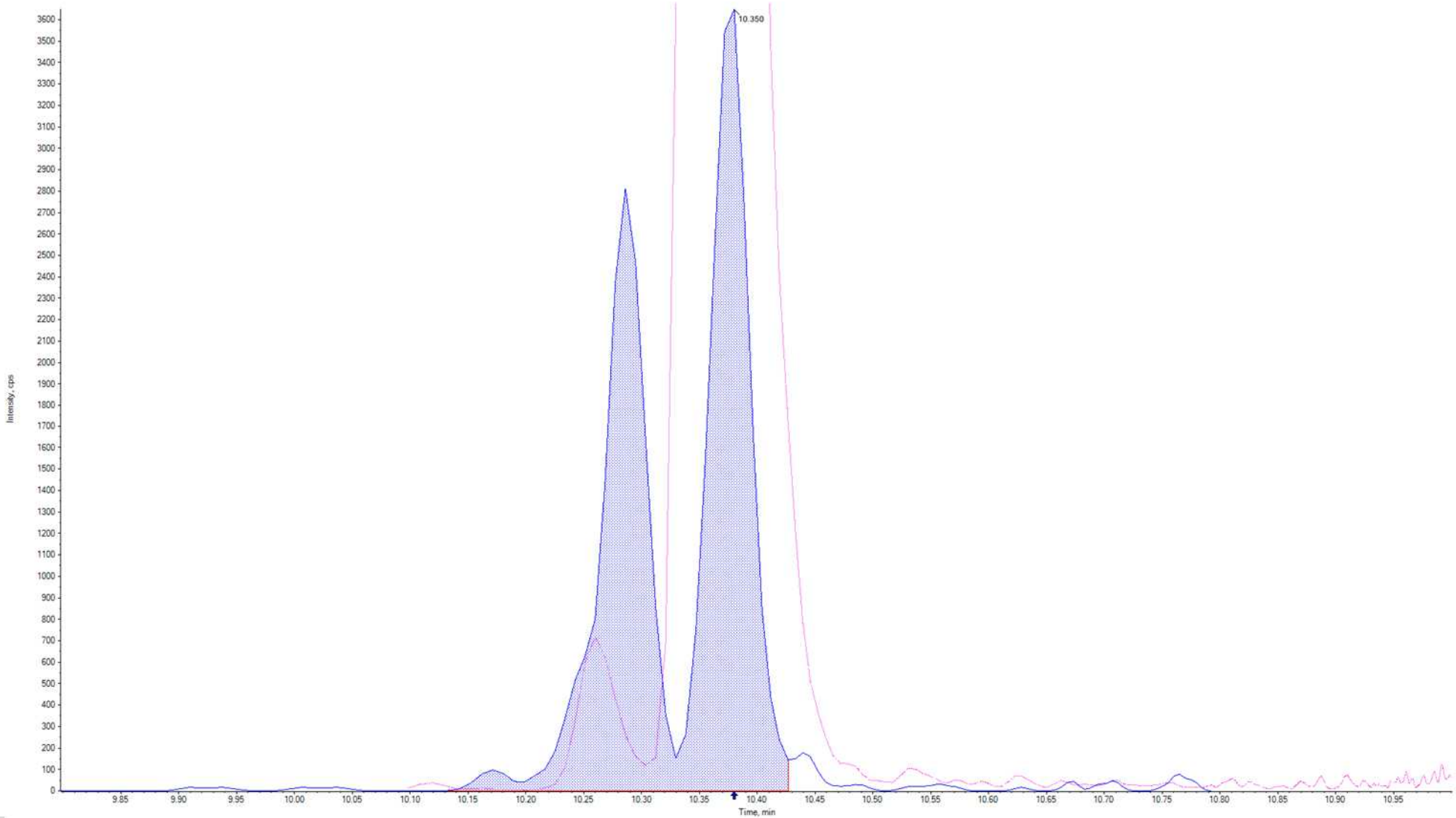
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA
Sample: IA1633STD-.2 S/N:74730.4 Points Across peak:42



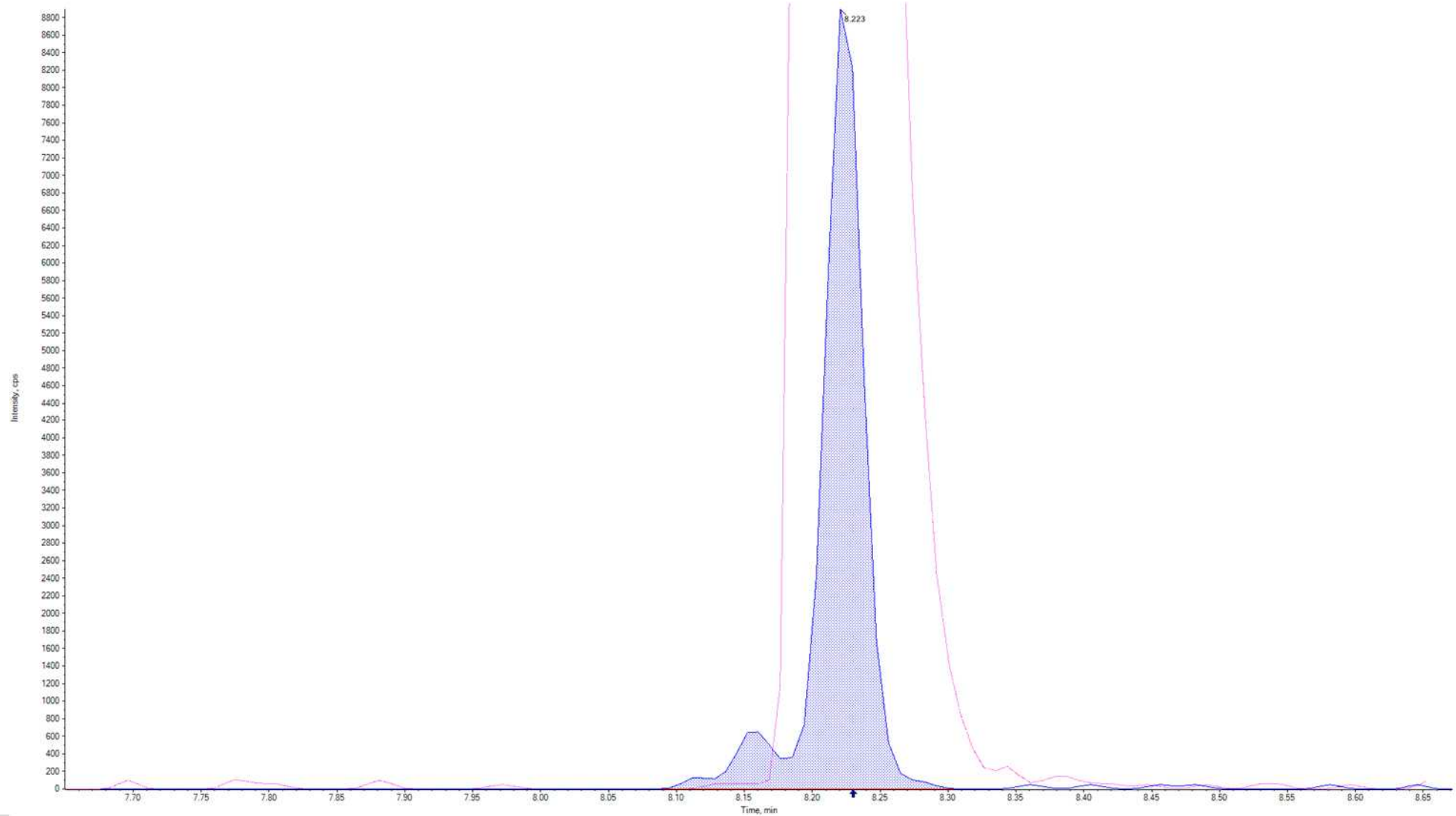
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA_2
Sample: IA1633STD-.2 S/N:276.3 Points Across peak:36



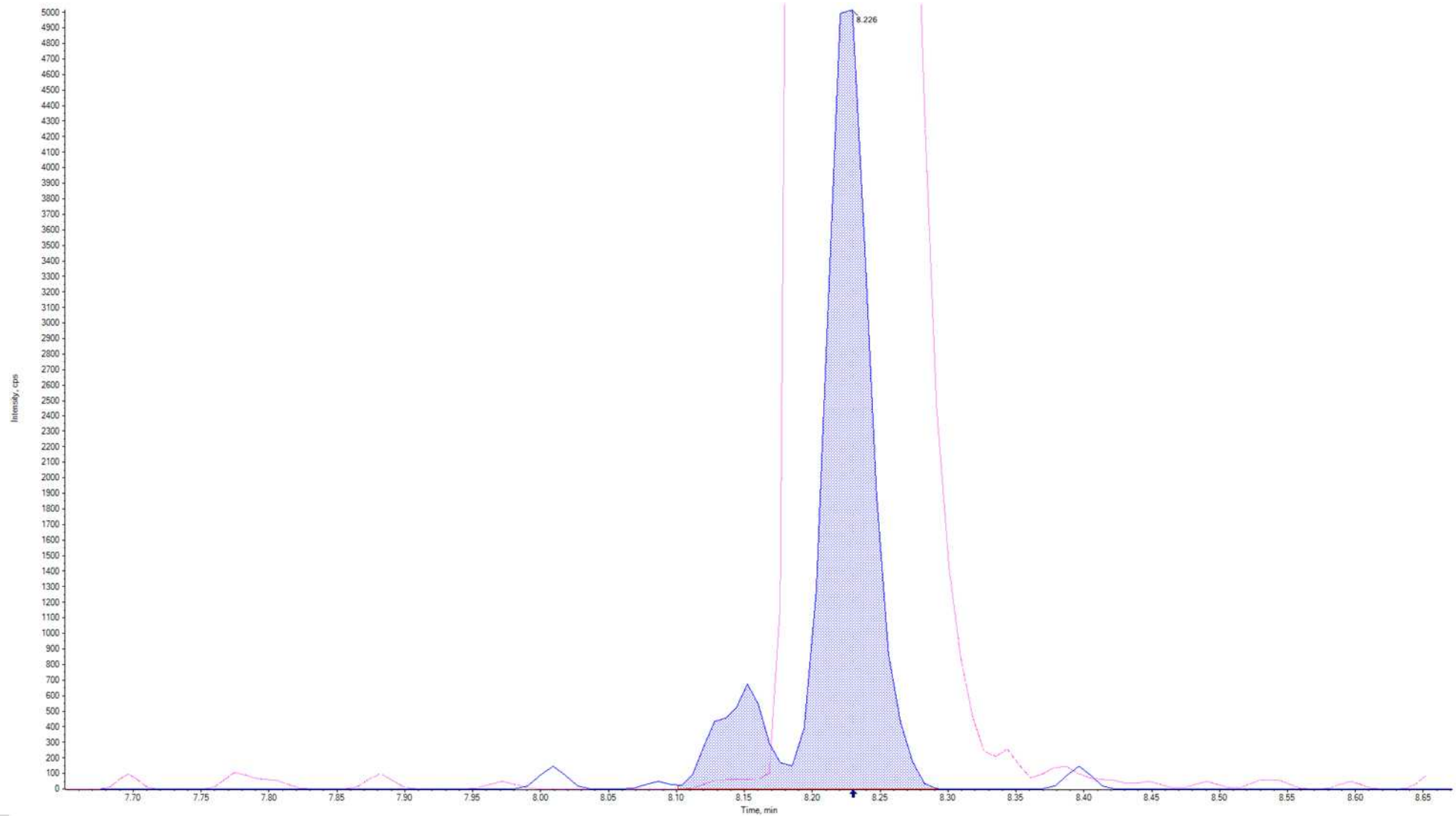
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA
Sample: IA1633STD-.2 S/N:335.4 Points Across peak:31



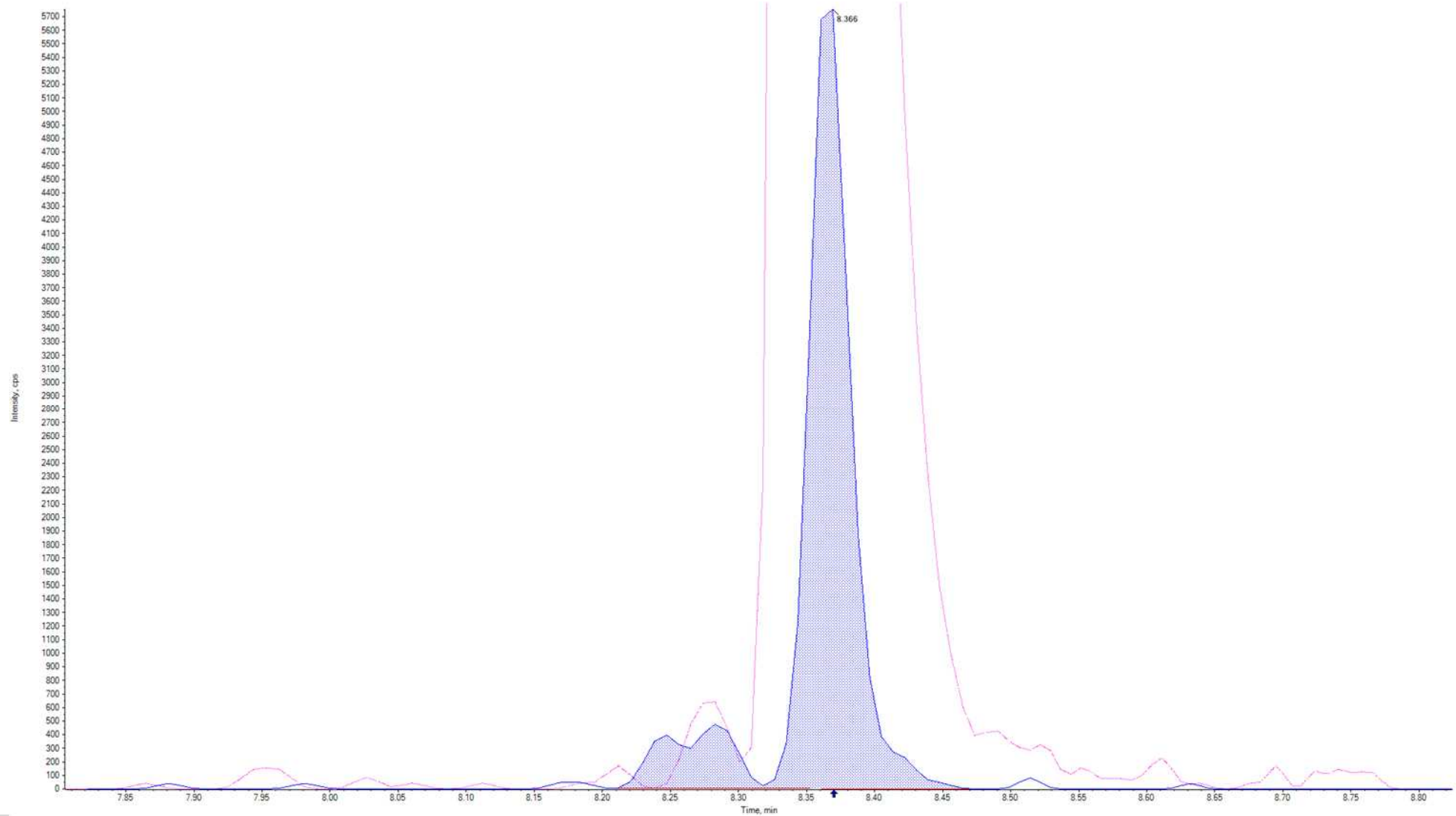
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA_2
Sample: IA1633STD-.2 S/N:559.1 Points Across peak:25



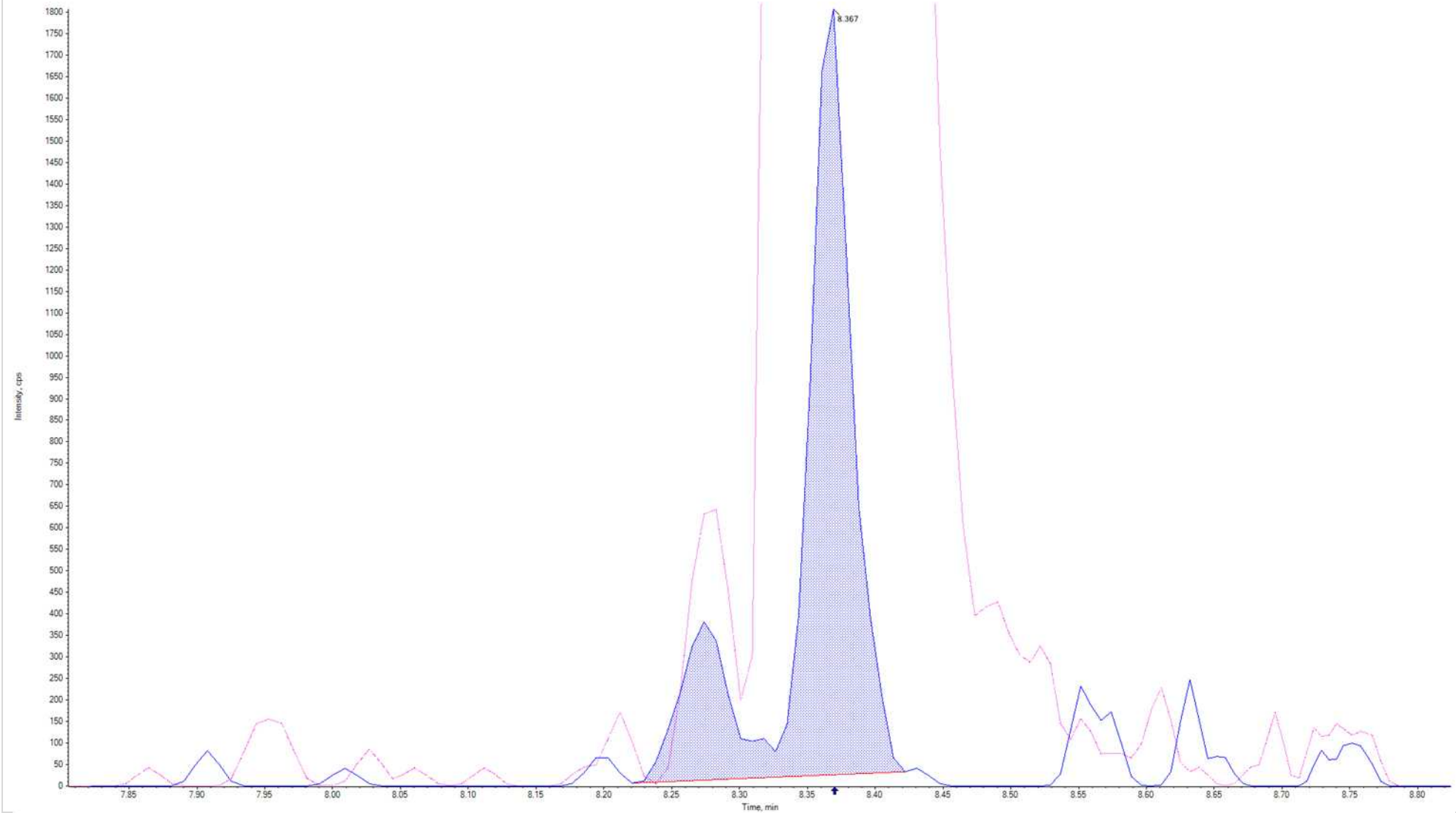
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA
Sample: IA1633STD-.2 S/N:328.2 Points Across peak:33



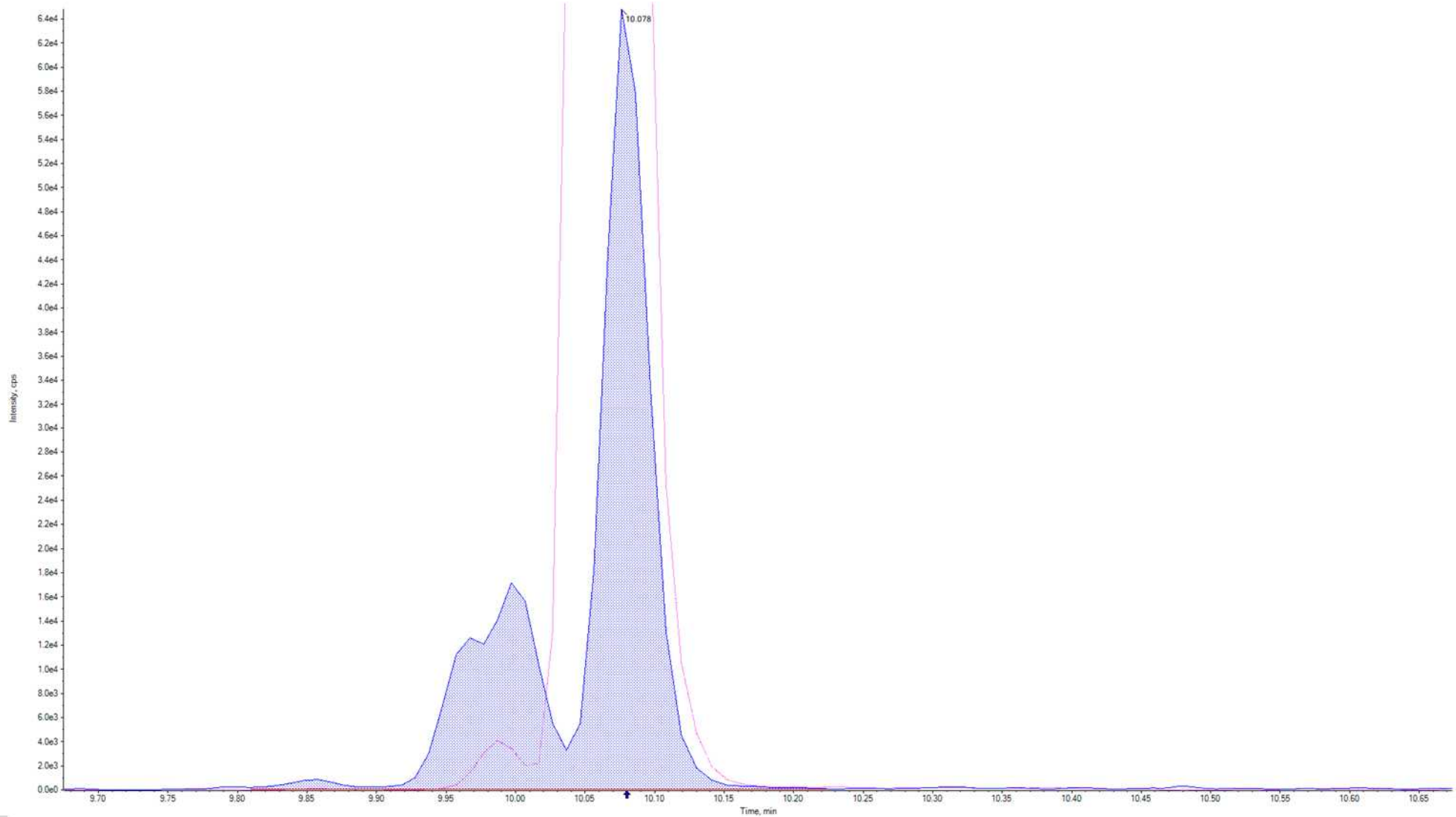
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA_2
Sample: IA1633STD-.2 S/N:65.3 Points Across peak:24



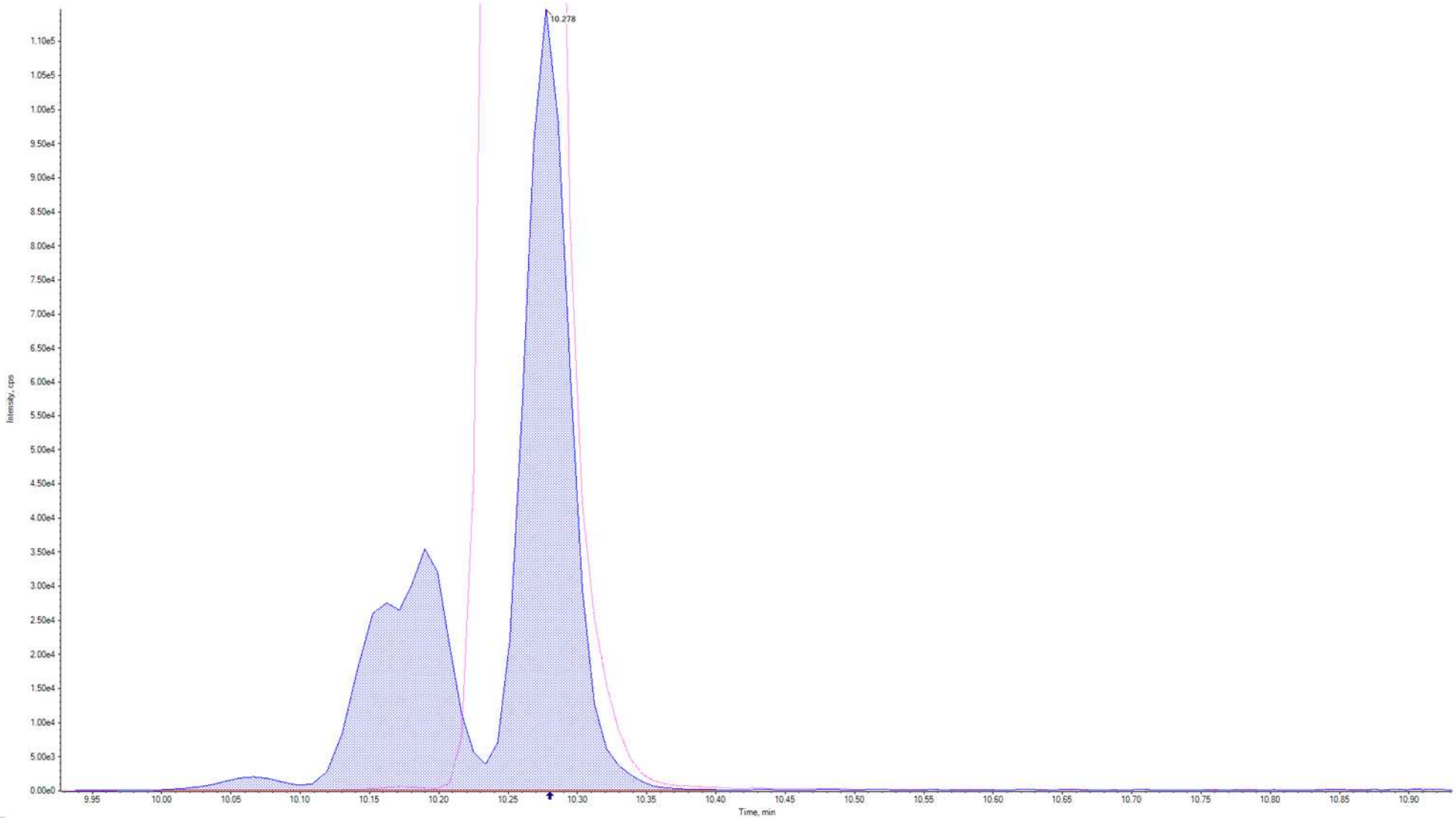
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSE
Sample: IA1633STD-.2 S/N:1918.1 Points Across peak:46



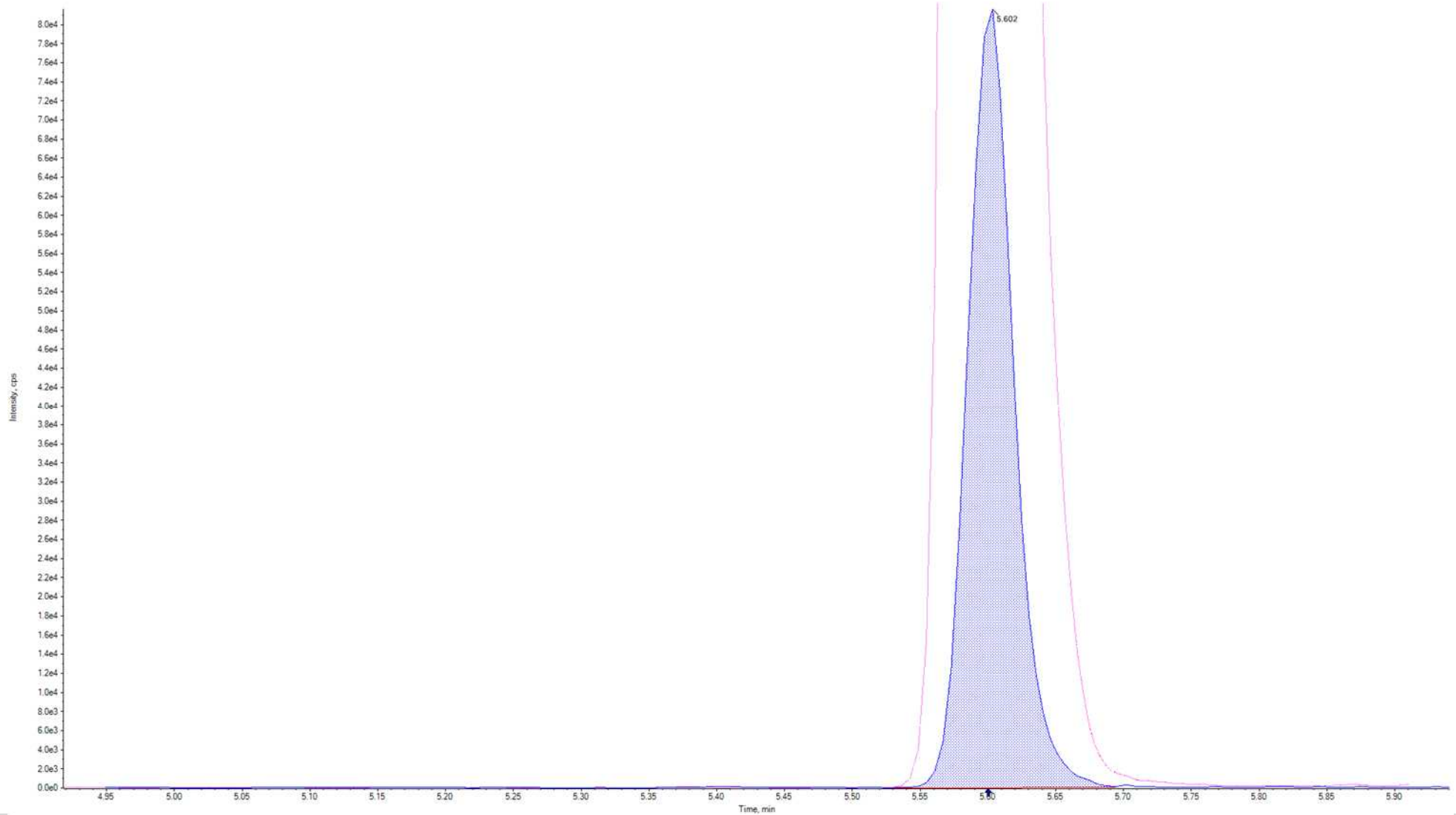
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSE
Sample: IA1633STD-.2 S/N:1082.9 Points Across peak:47



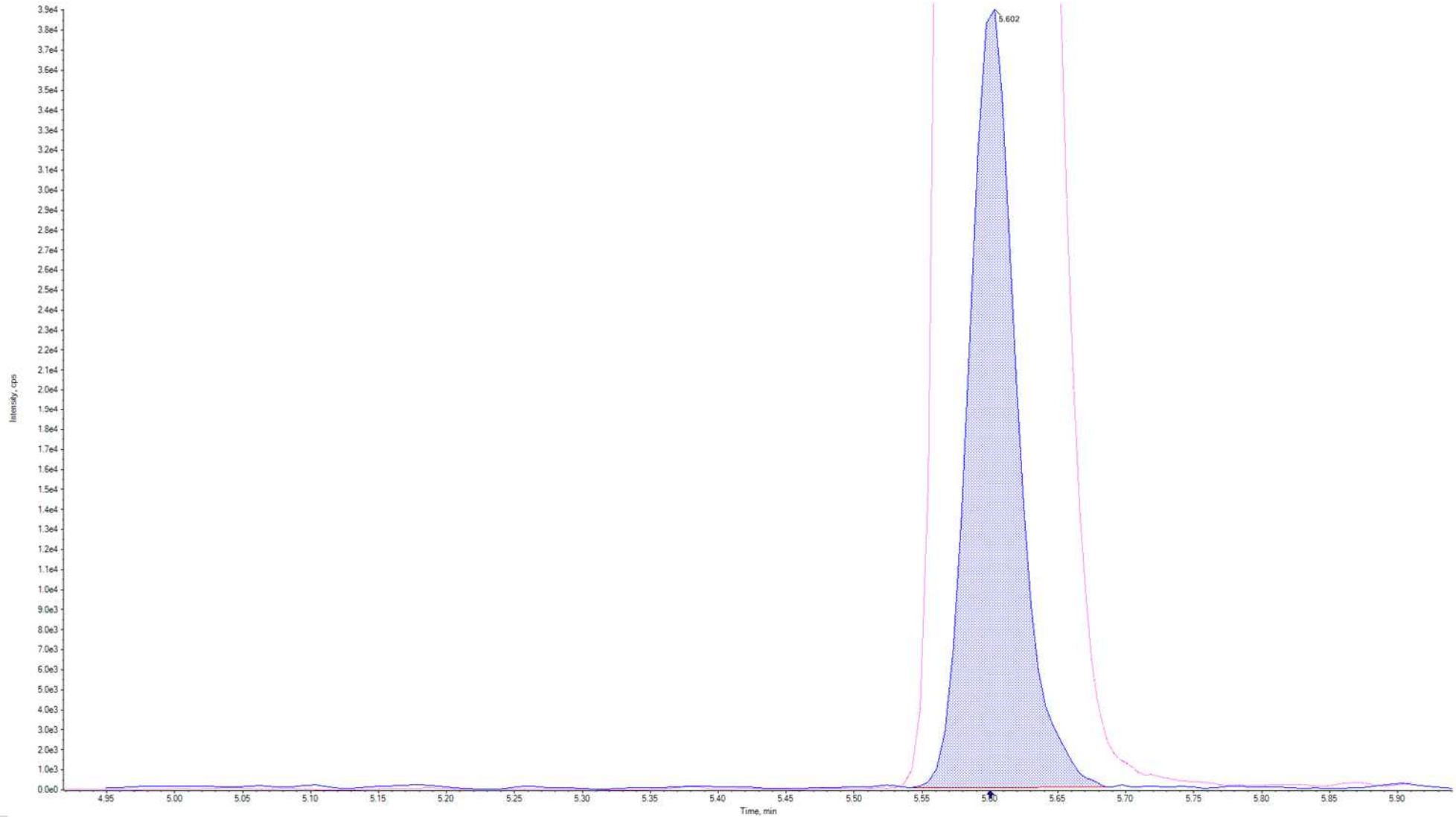
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA
Sample: IA1633STD-.2 S/N:2485.2 Points Across peak:33



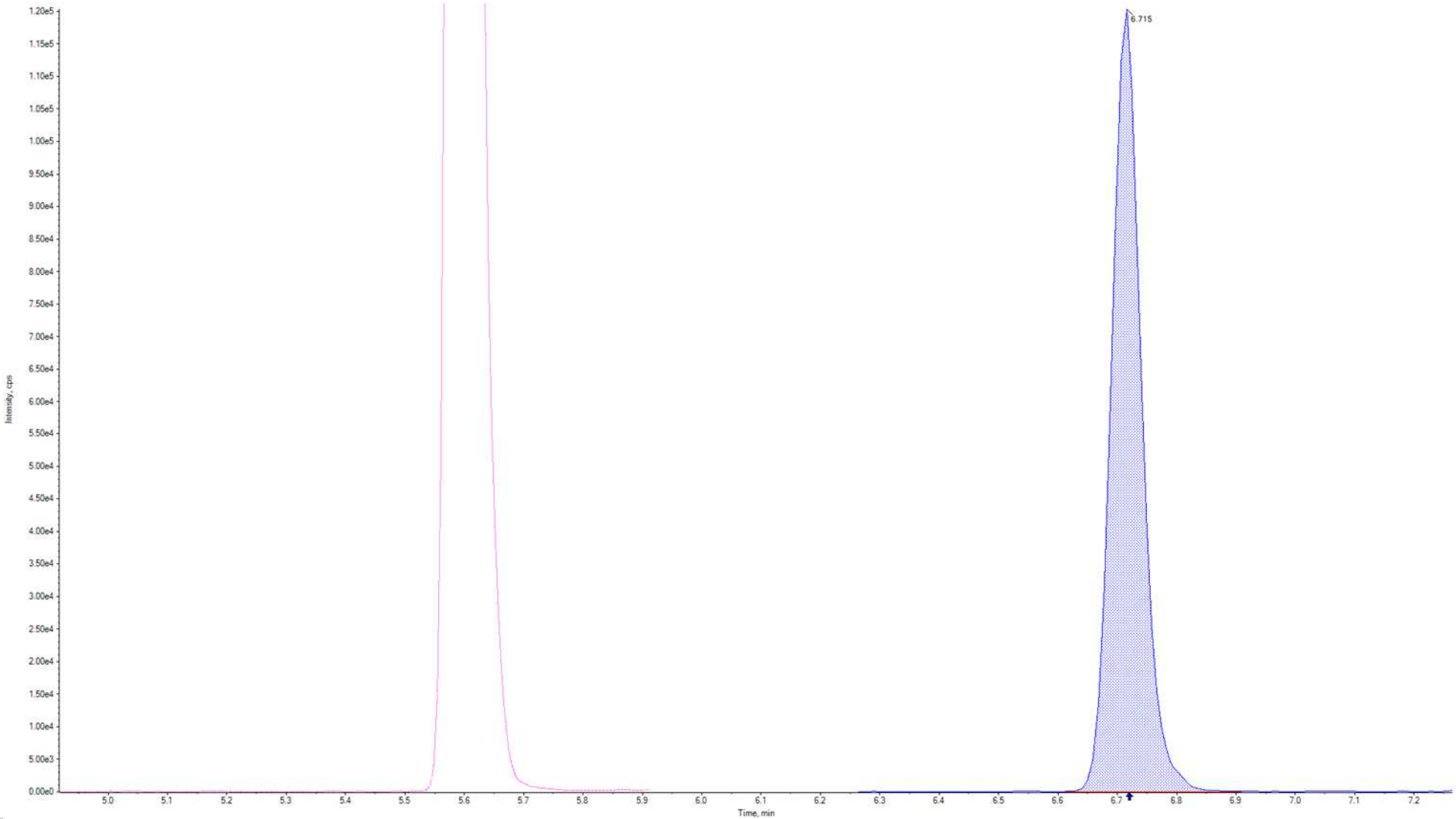
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA_2
Sample: IA1633STD-.2 S/N:1396.2 Points Across peak:28



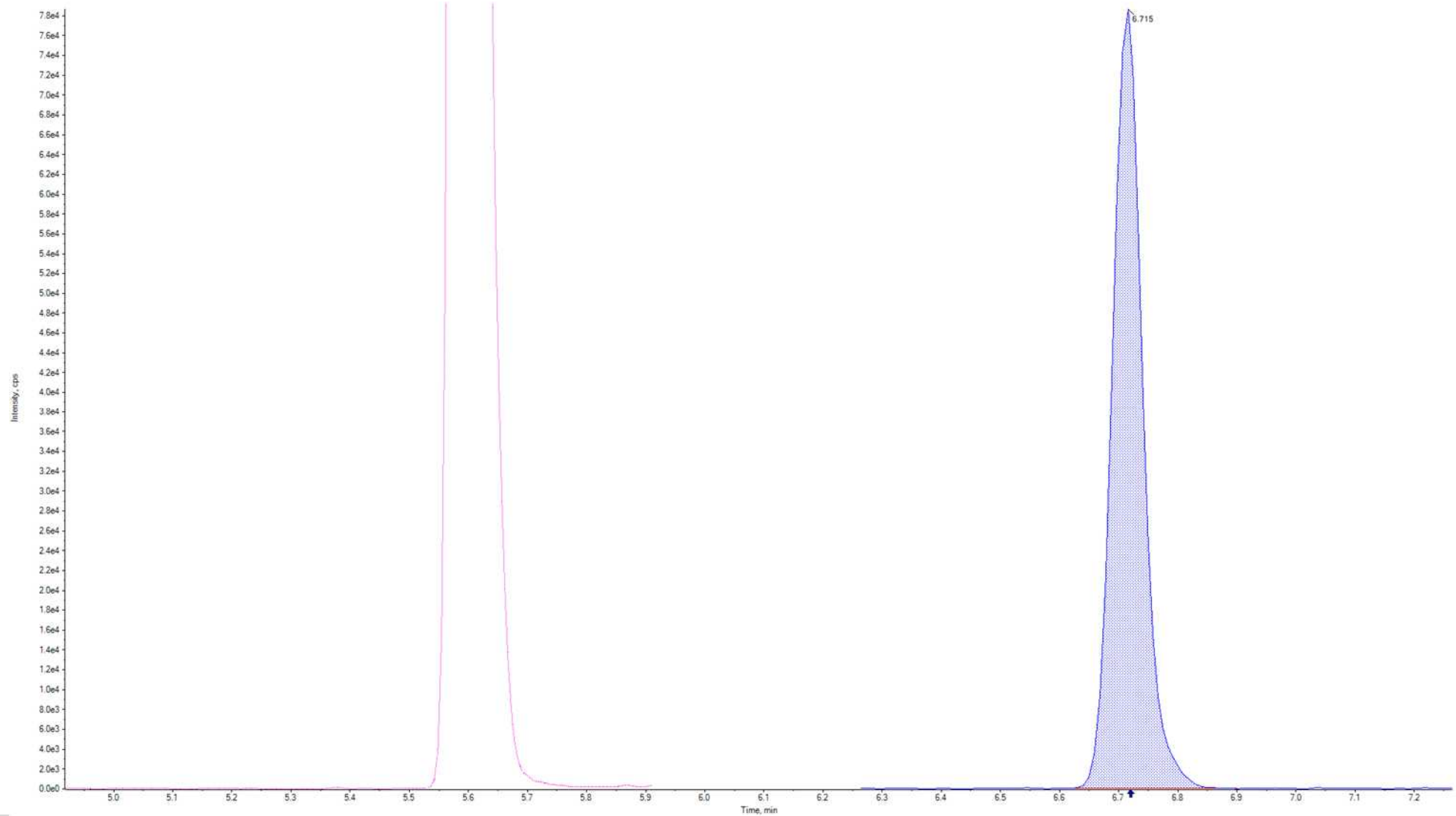
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

ADONA
Sample: IA1633STD-.2 S/N:44579.4 Points Across peak:41



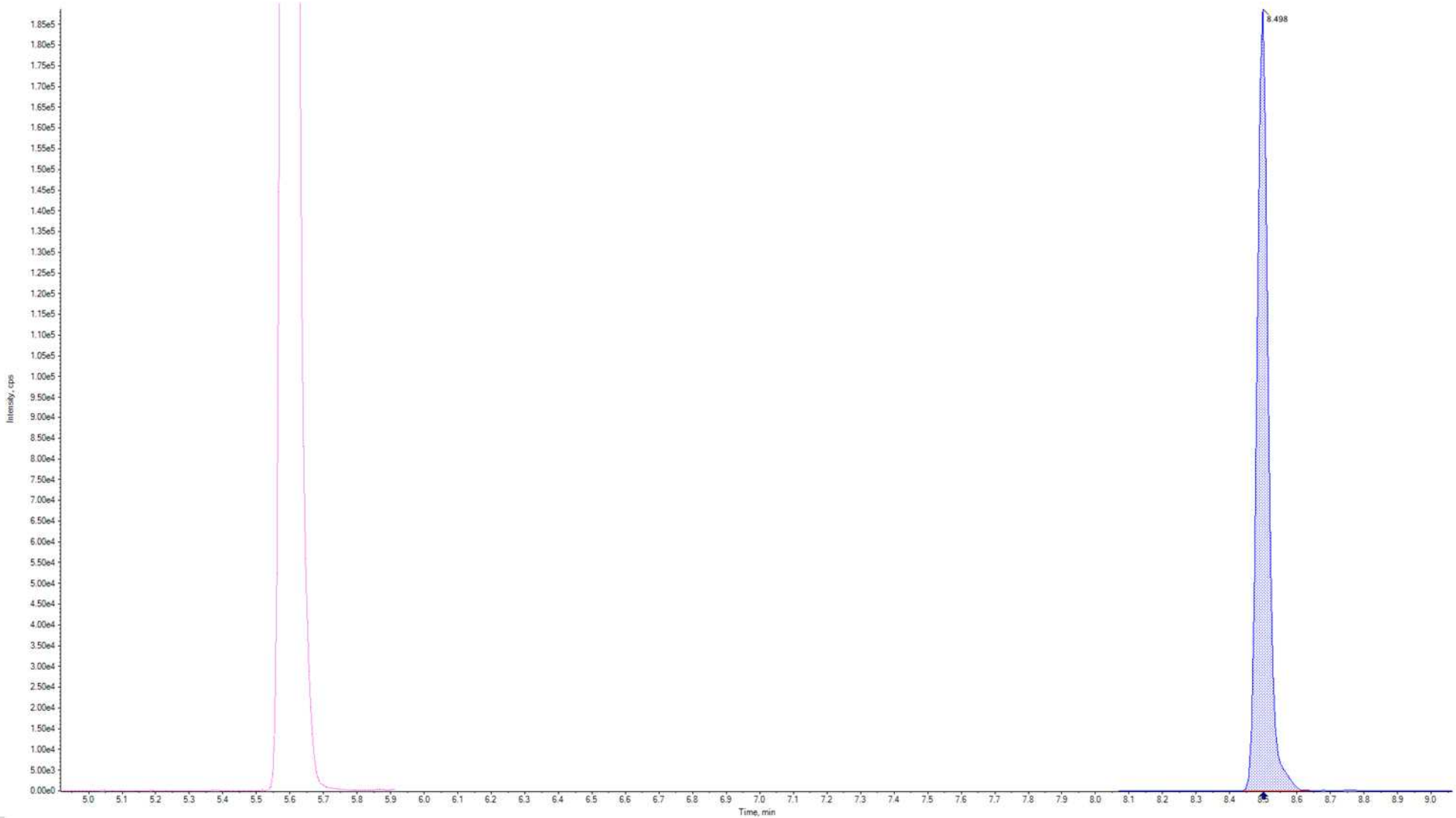
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

ADONA_2
Sample: IA1633STD-.2 S/N:6495.7 Points Across peak:41



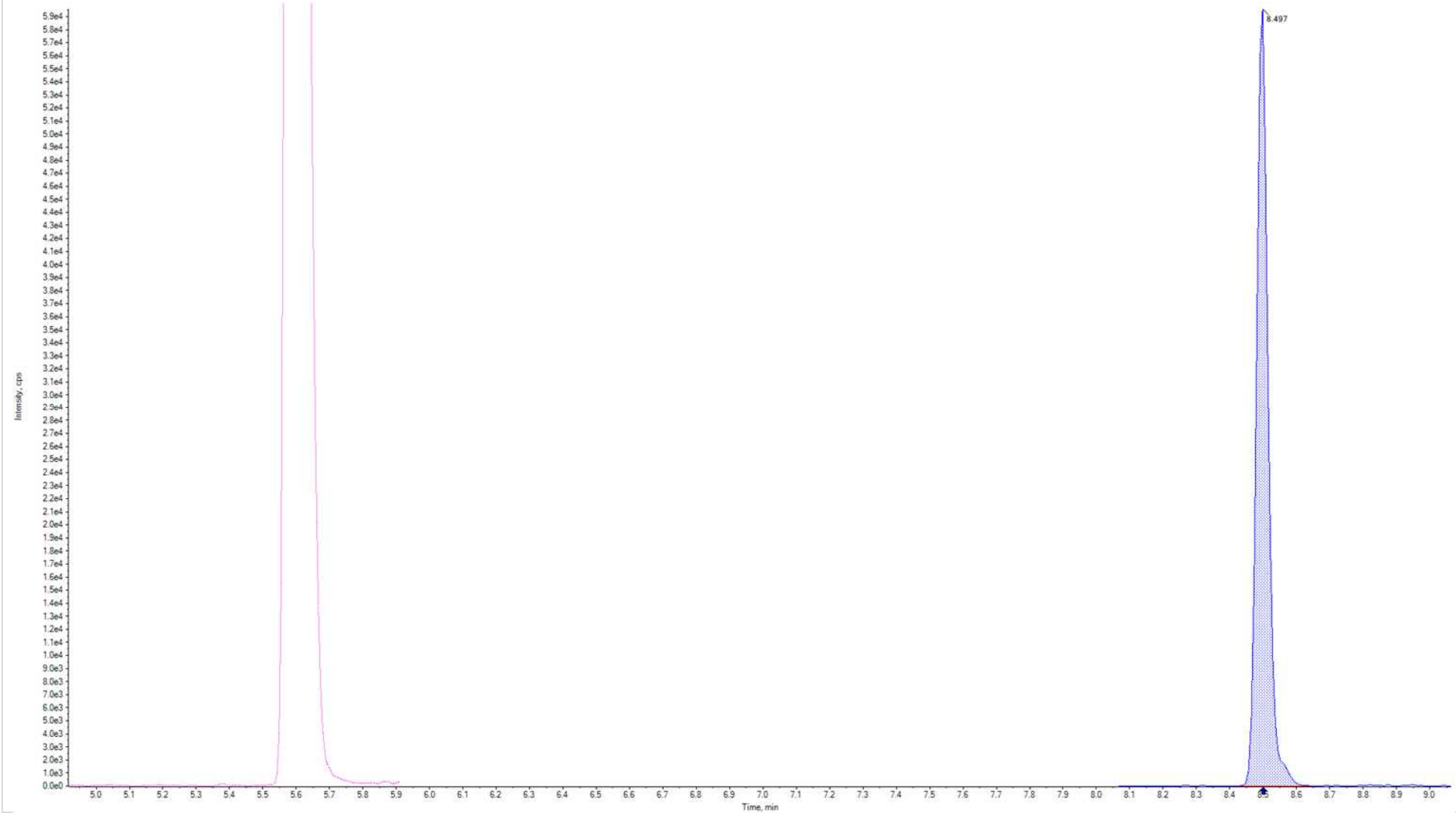
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS
Sample: IA1633STD-.2 S/N:1583170.7 Points Across peak:32



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS_2
Sample: IA1633STD-.2 S/N:984415.5 Points Across peak:32



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS
Sample: IA1633STD-.2 S/N:3312.8 Points Across peak:41



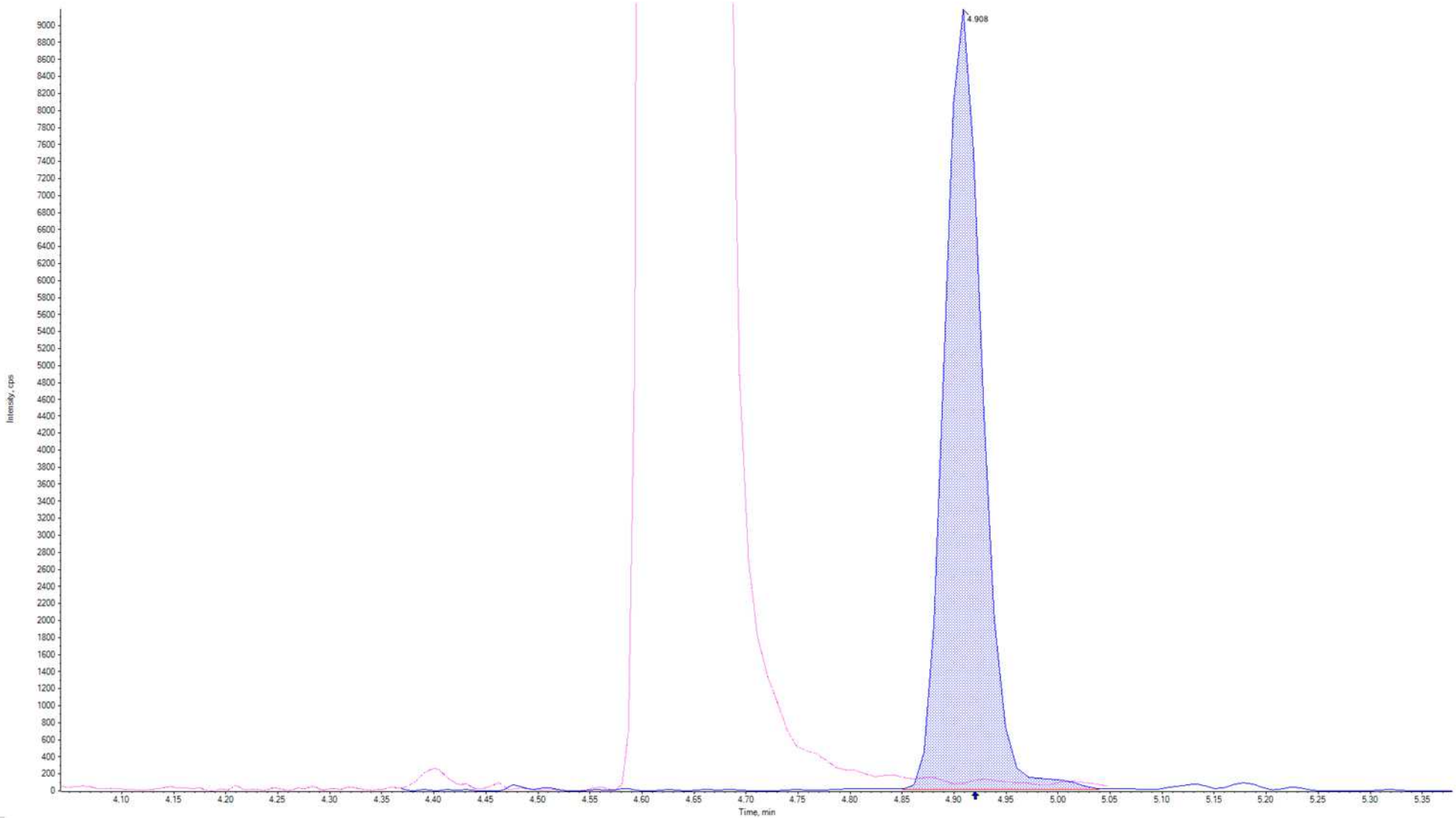
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS_2
Sample: IA1633STD-.2 S/N:2375.5 Points Across peak:35



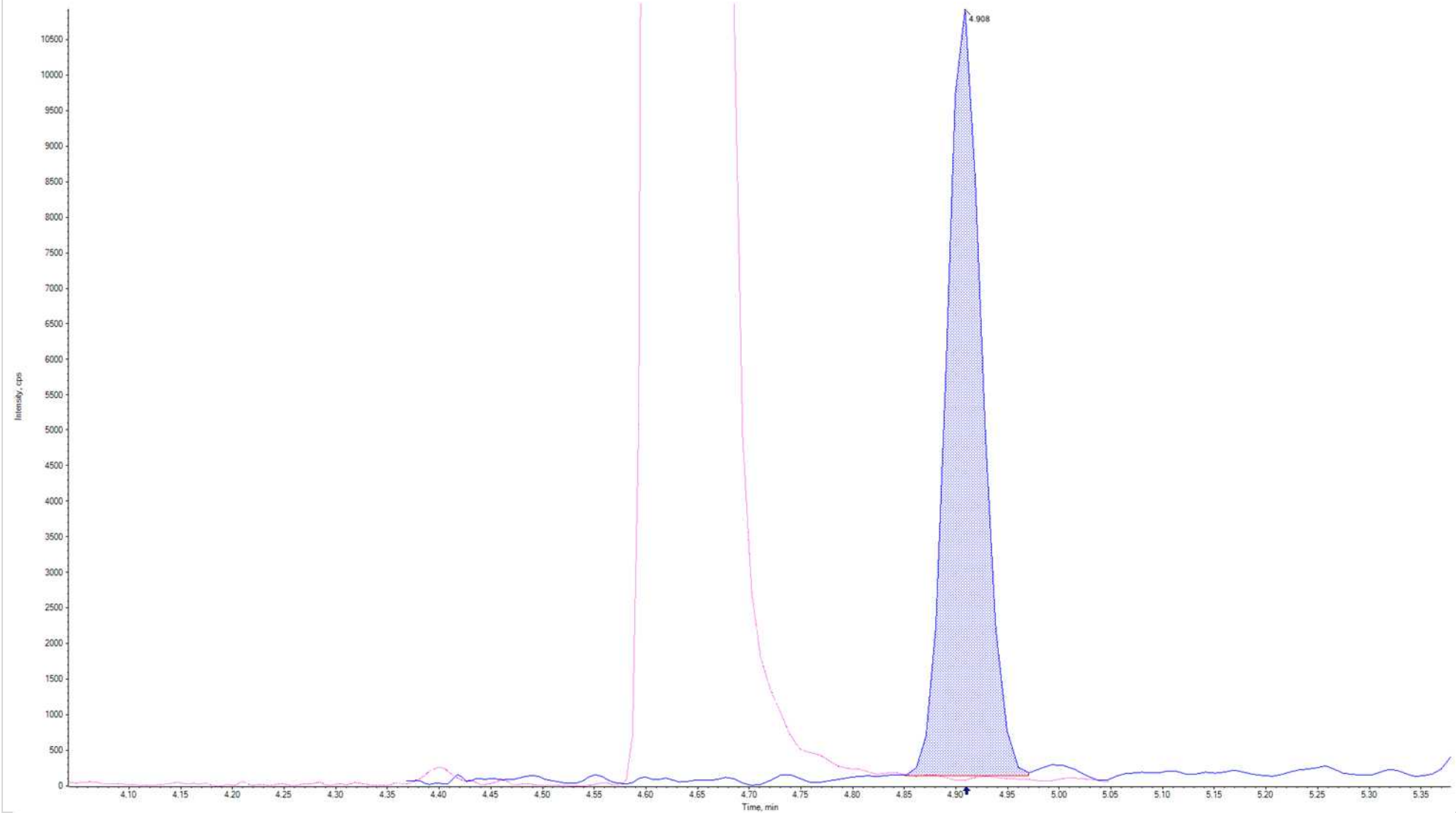
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA
Sample: IA1633STD-.2 S/N:6376312.2 Points Across peak:21



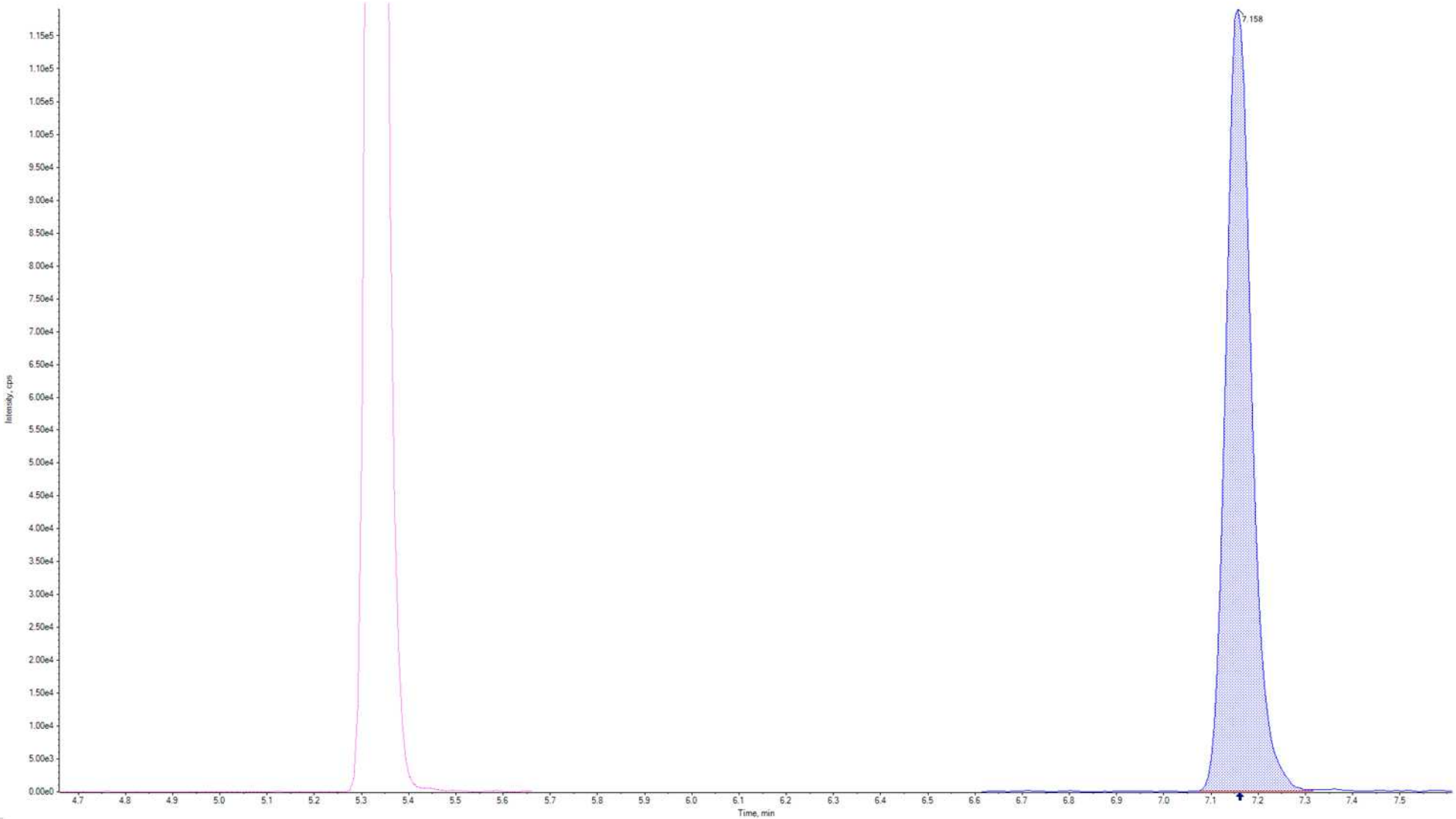
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA_2
Sample: IA1633STD-.2 S/N:628.2 Points Across peak:14



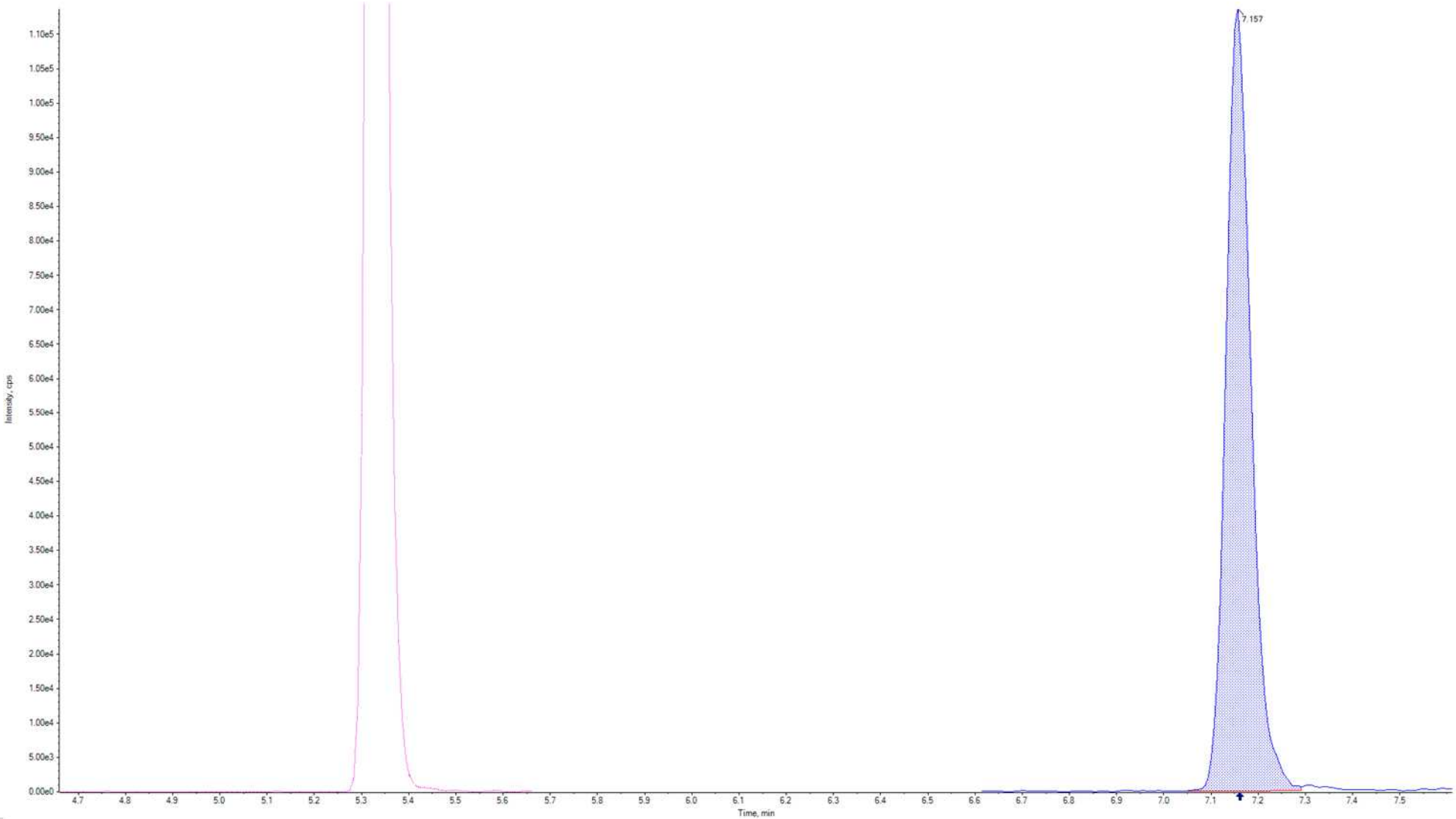
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA
Sample: IA1633STD-.2 S/N:4515.9 Points Across peak:43



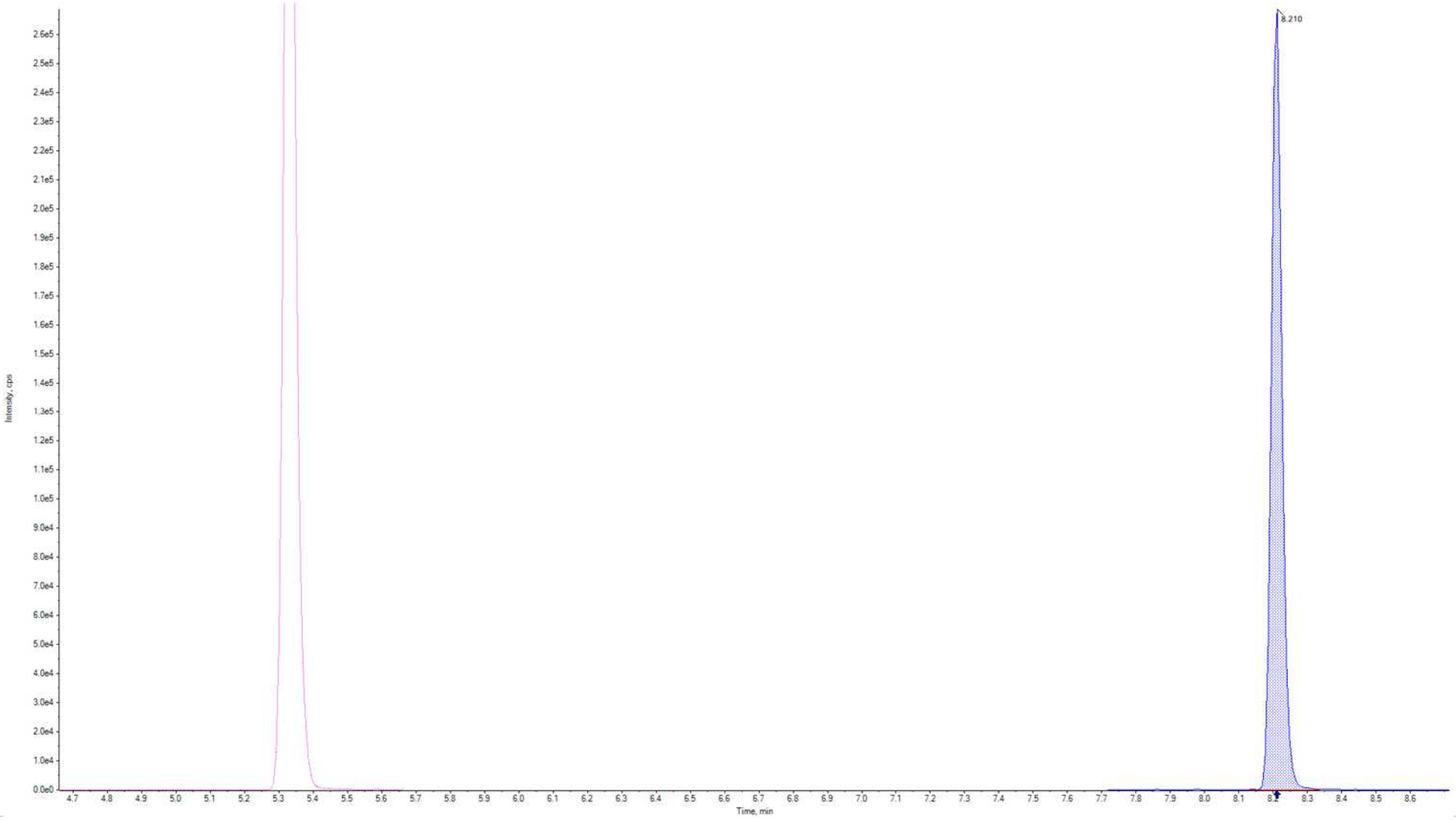
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA_2
Sample: IA1633STD-.2 S/N:3418.8 Points Across peak:42



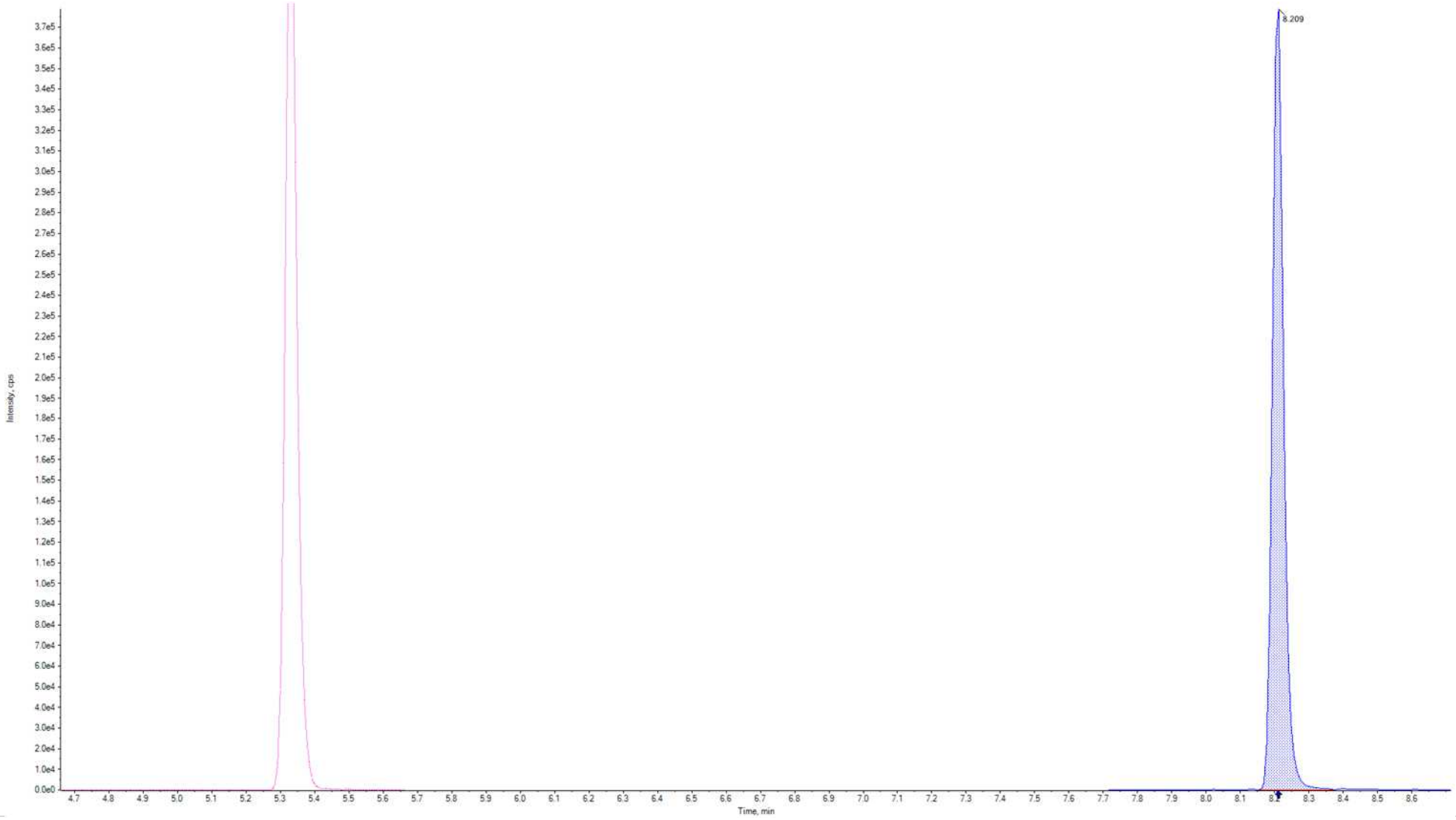
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA
Sample: IA1633STD-.2 S/N:883473.4 Points Across peak:27



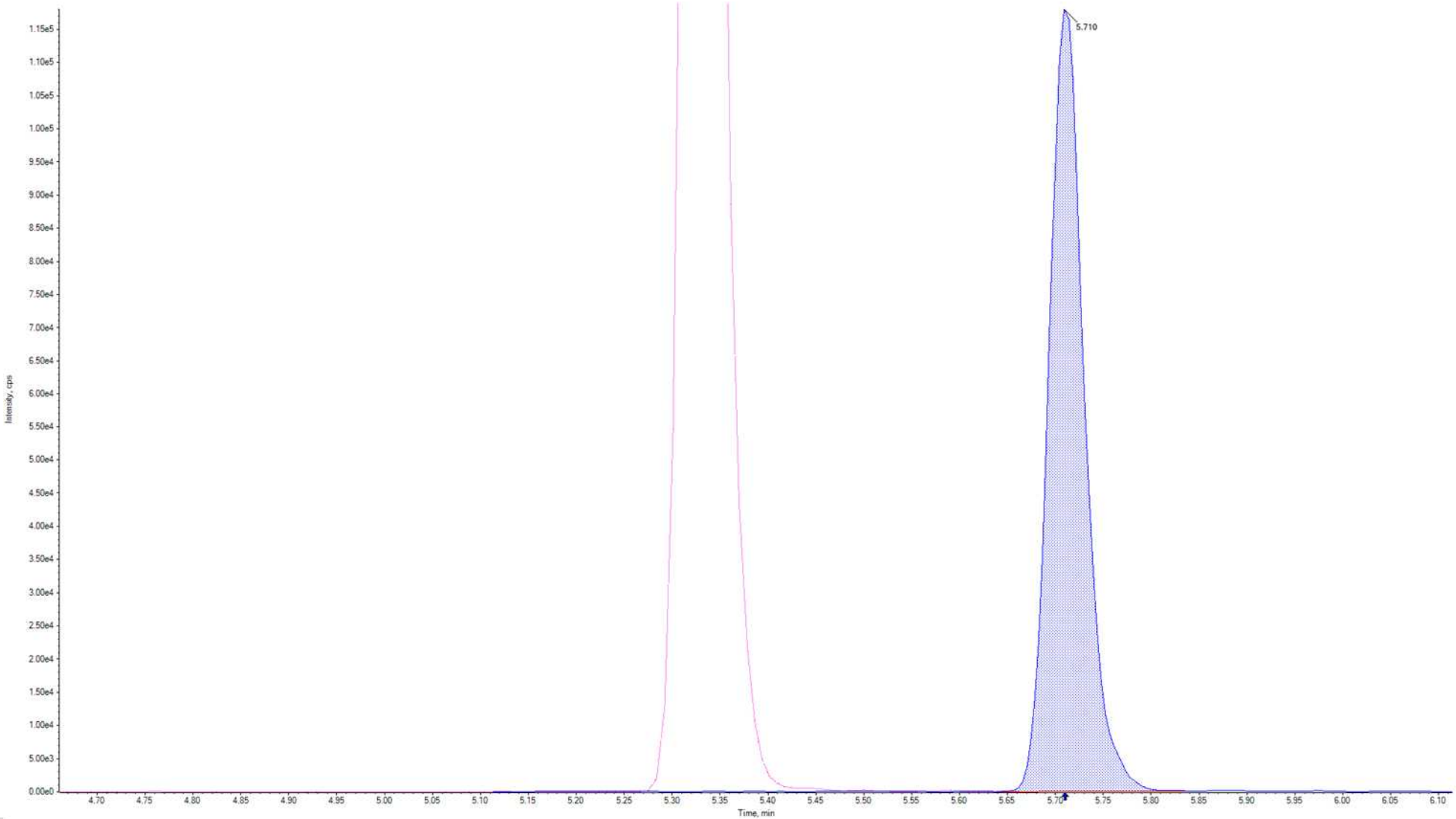
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA_2
Sample: IA1633STD-.2 S/N:9104.4 Points Across peak:27



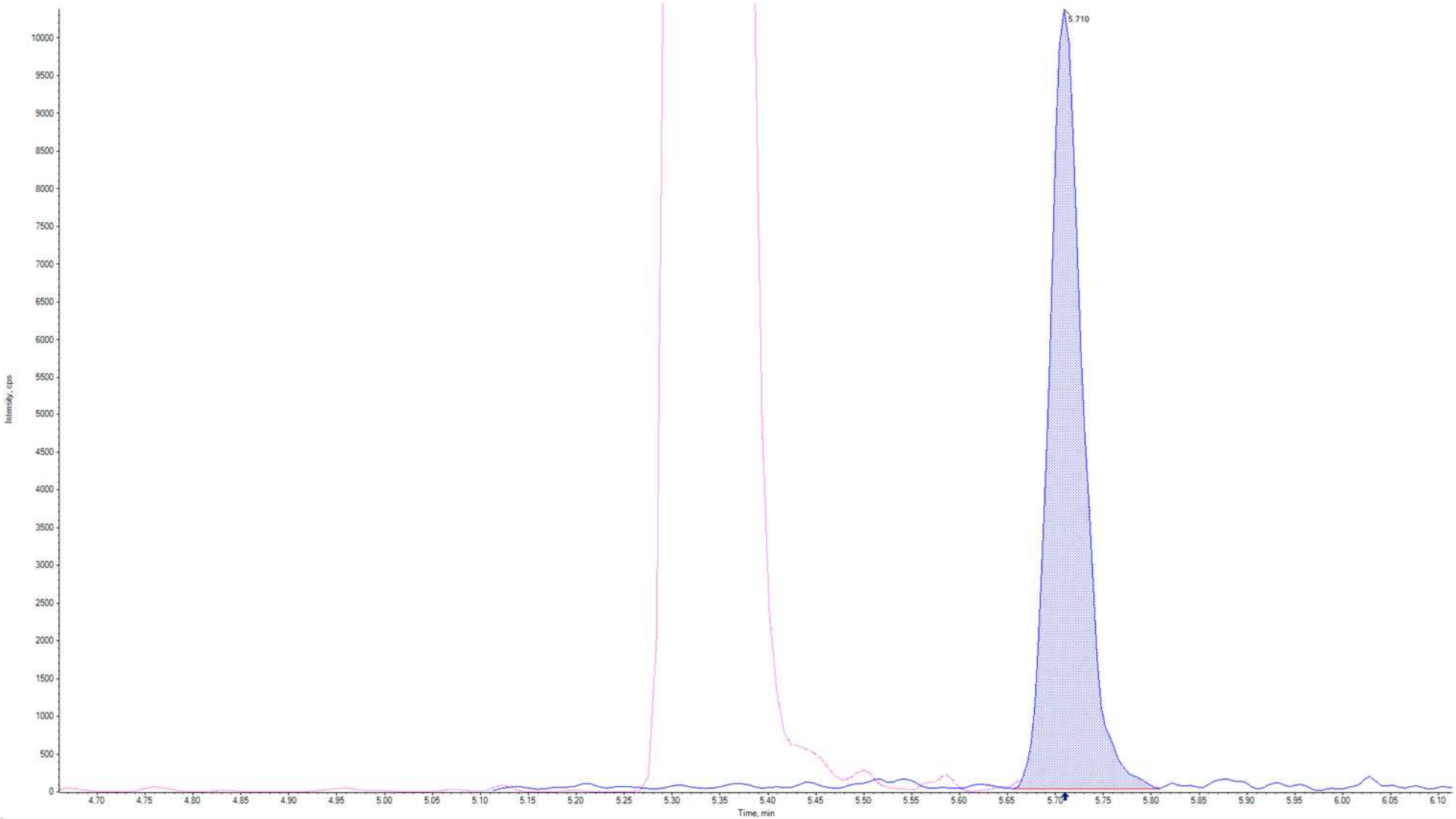
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA
Sample: IA1633STD-.2 S/N:5409.5 Points Across peak:44



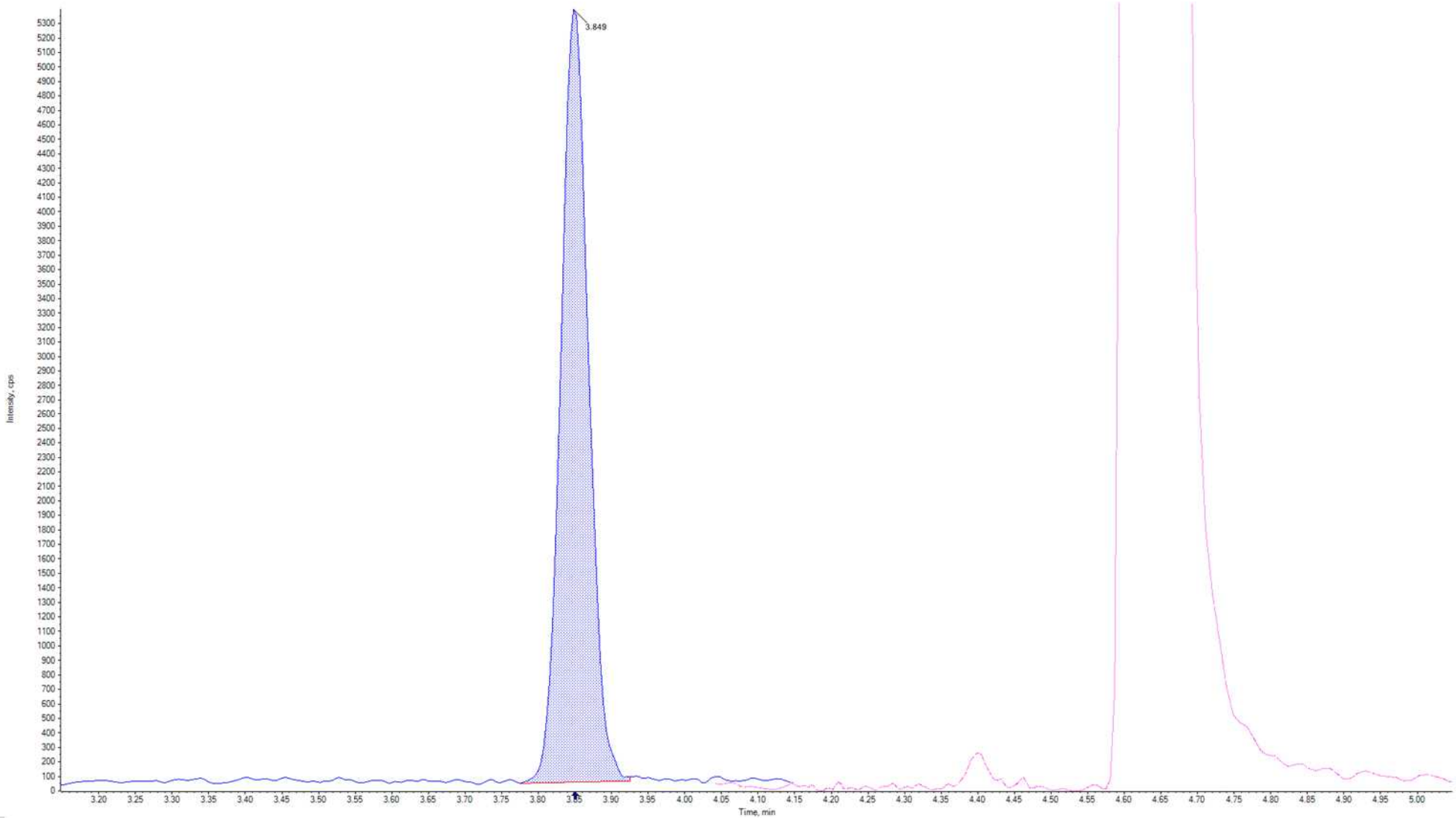
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA_2
Sample: IA1633STD-.2 S/N:1031.8 Points Across peak:35



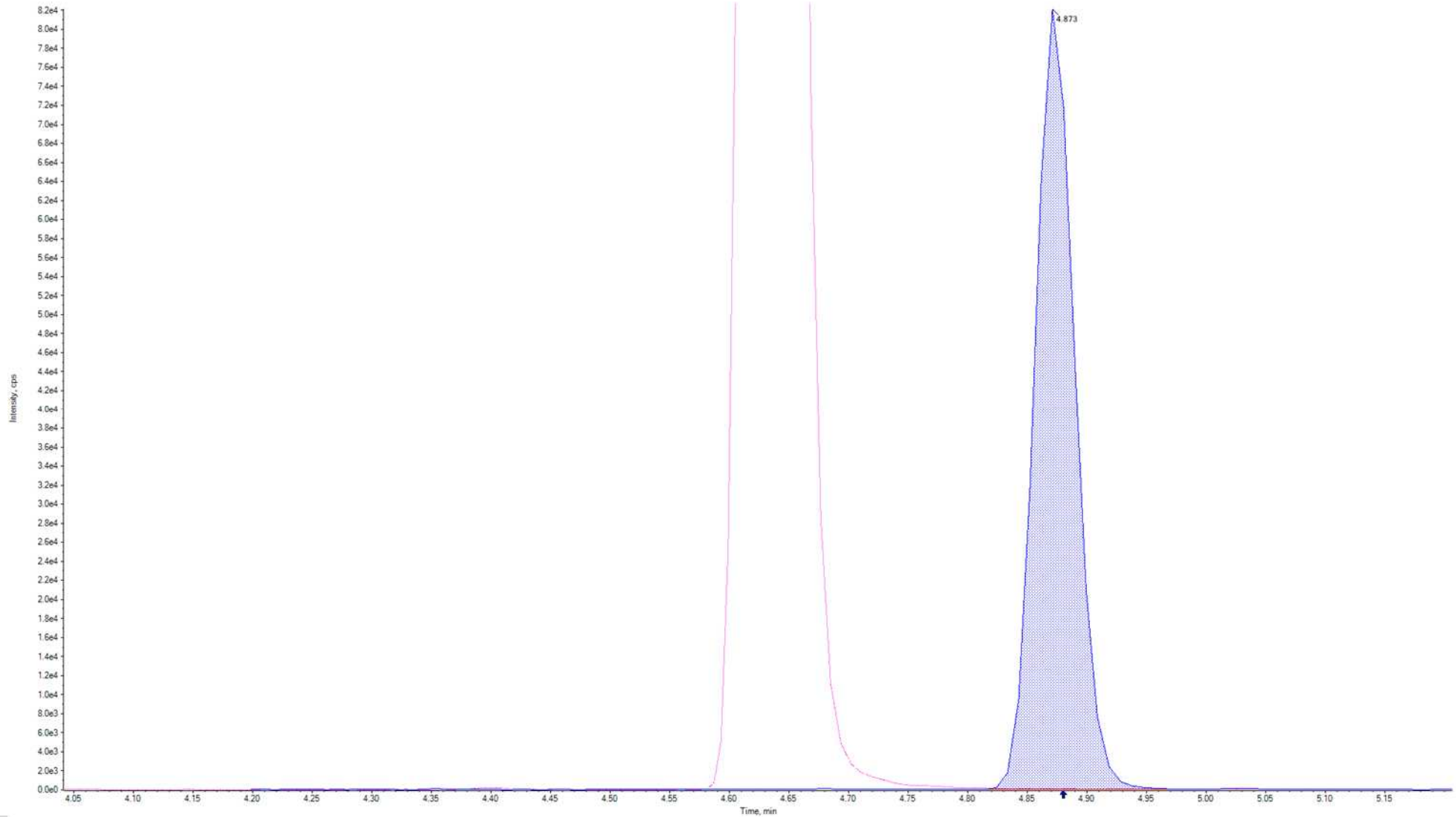
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFMPA
Sample: IA1633STD-.2 S/N:787.1 Points Across peak:38



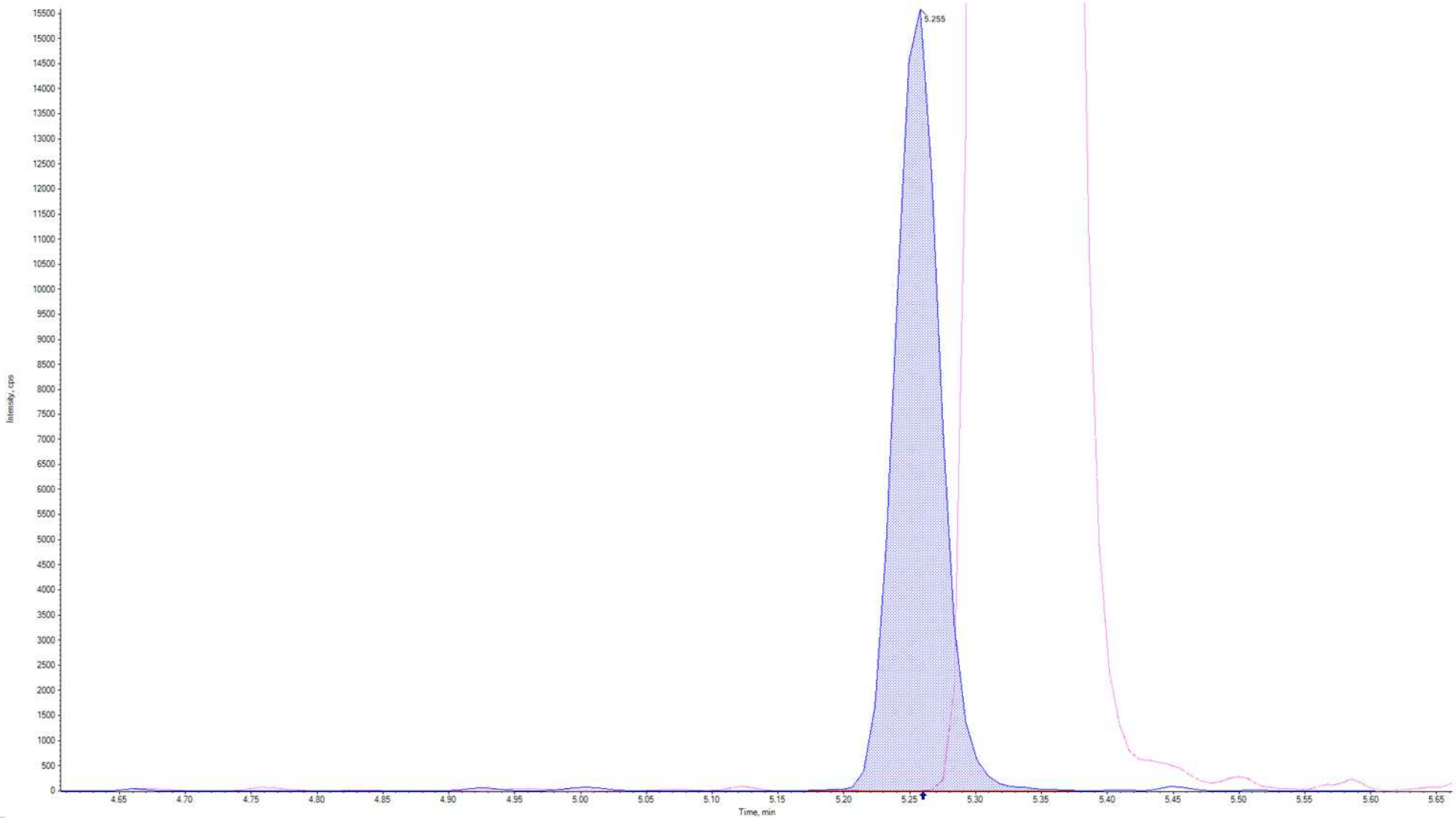
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFMBA
Sample: IA1633STD-.2 S/N:1958.5 Points Across peak:20



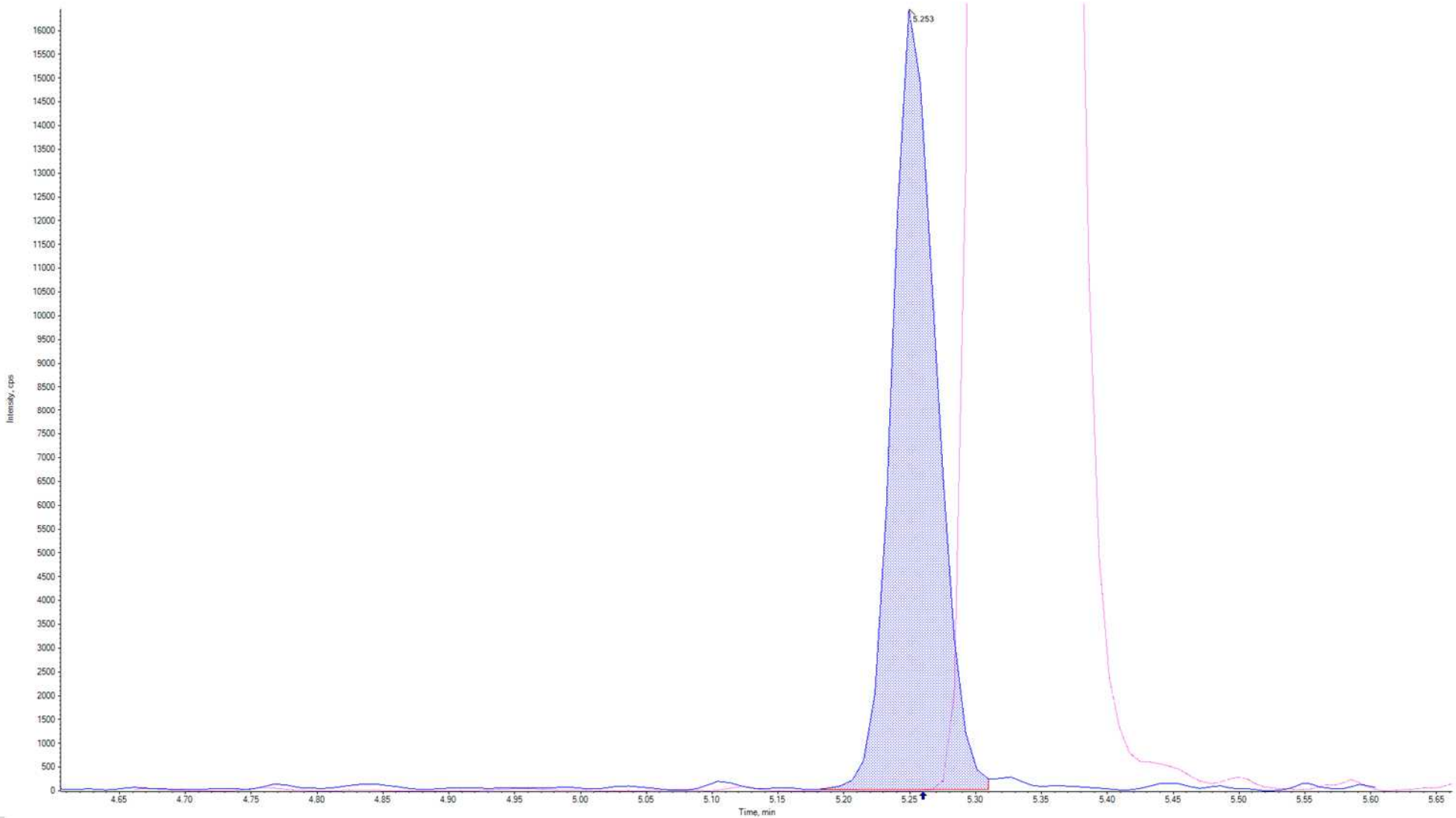
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA
Sample: IA1633STD-.2 S/N:1998.7 Points Across peak:28



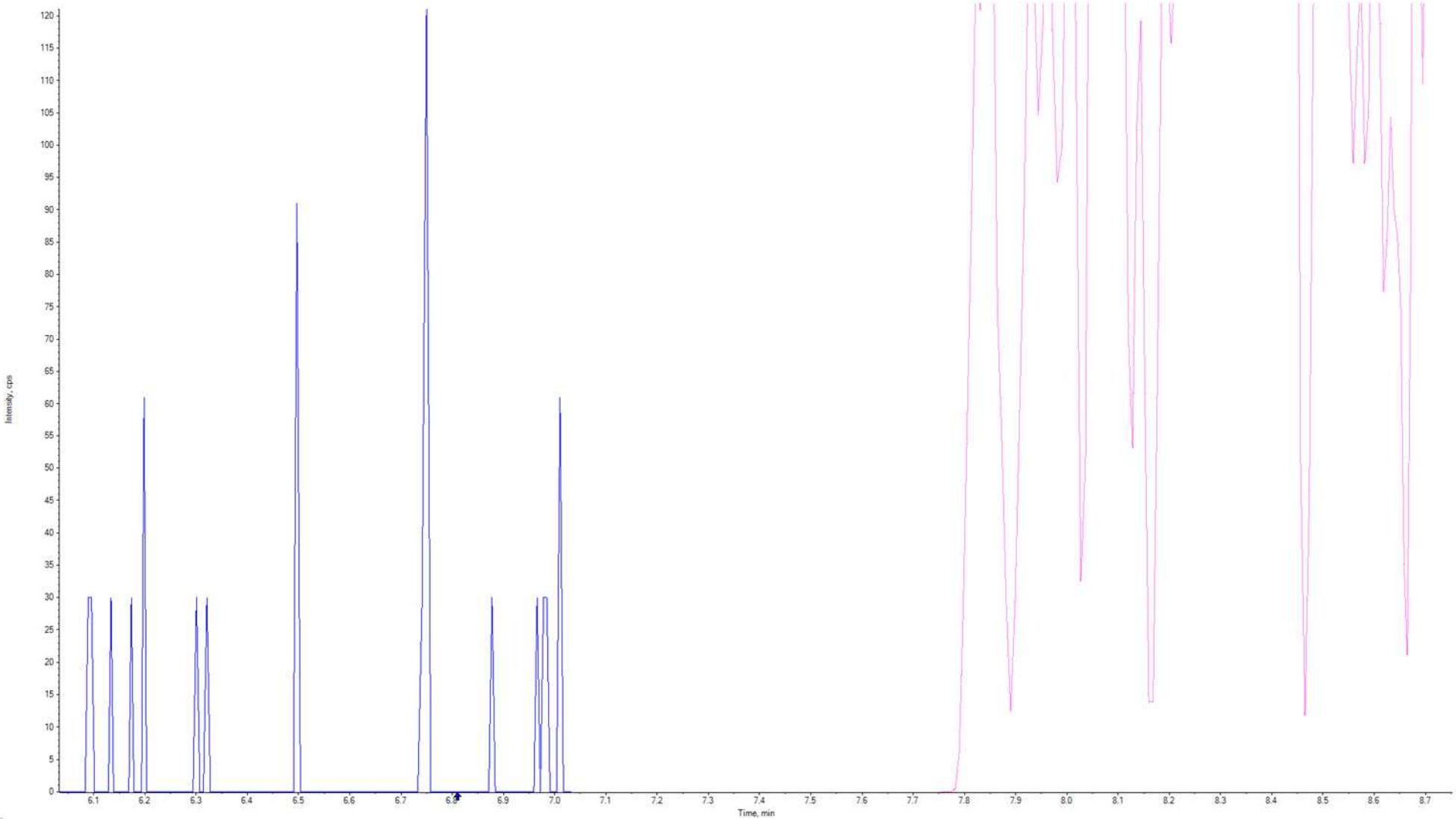
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA_2
Sample: IA1633STD-.2 S/N:1396.6 Points Across peak:16



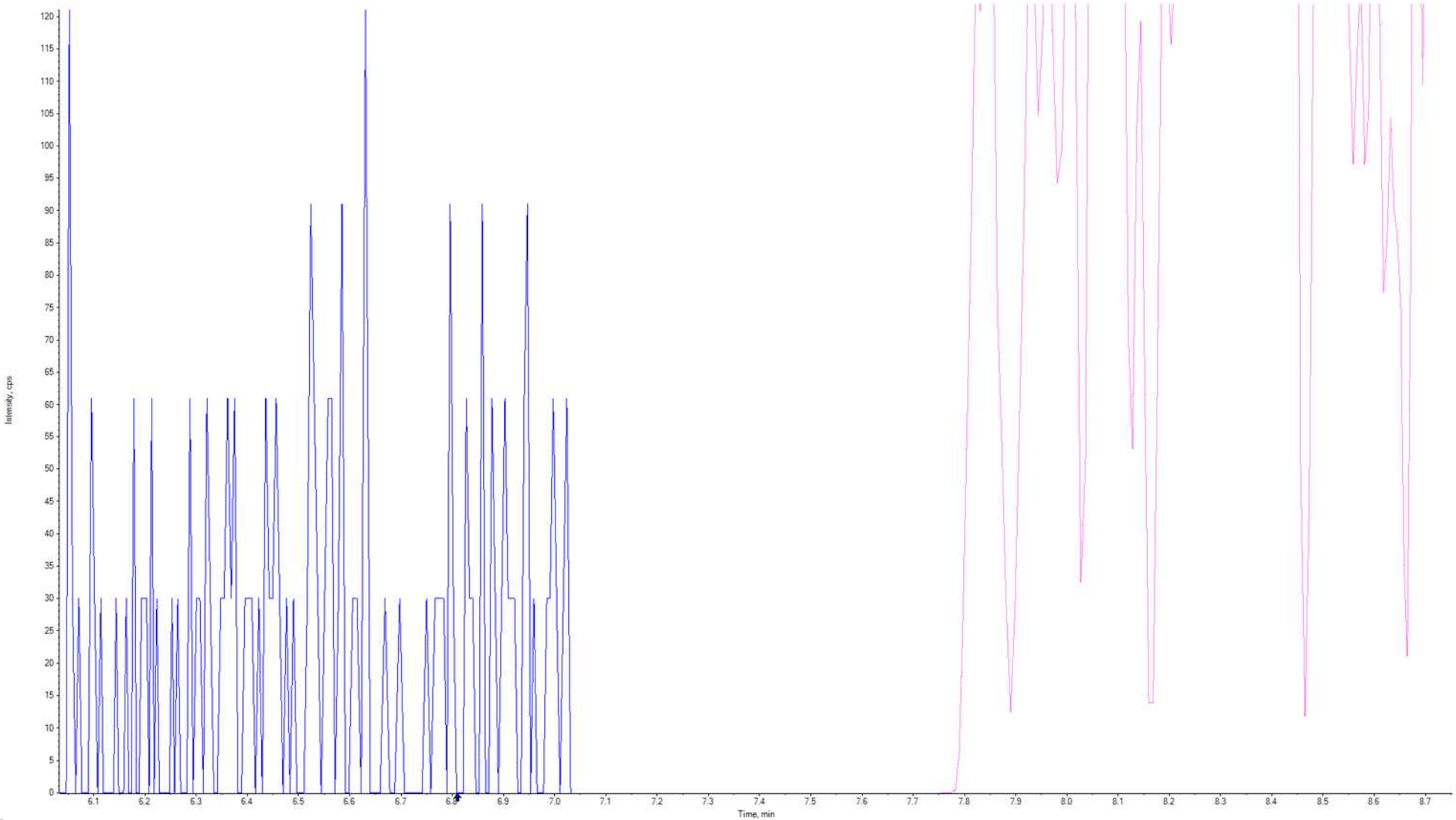
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

TDCA
Sample: IA1633STD-.2 S/N:N/A Points Across peak:N/A



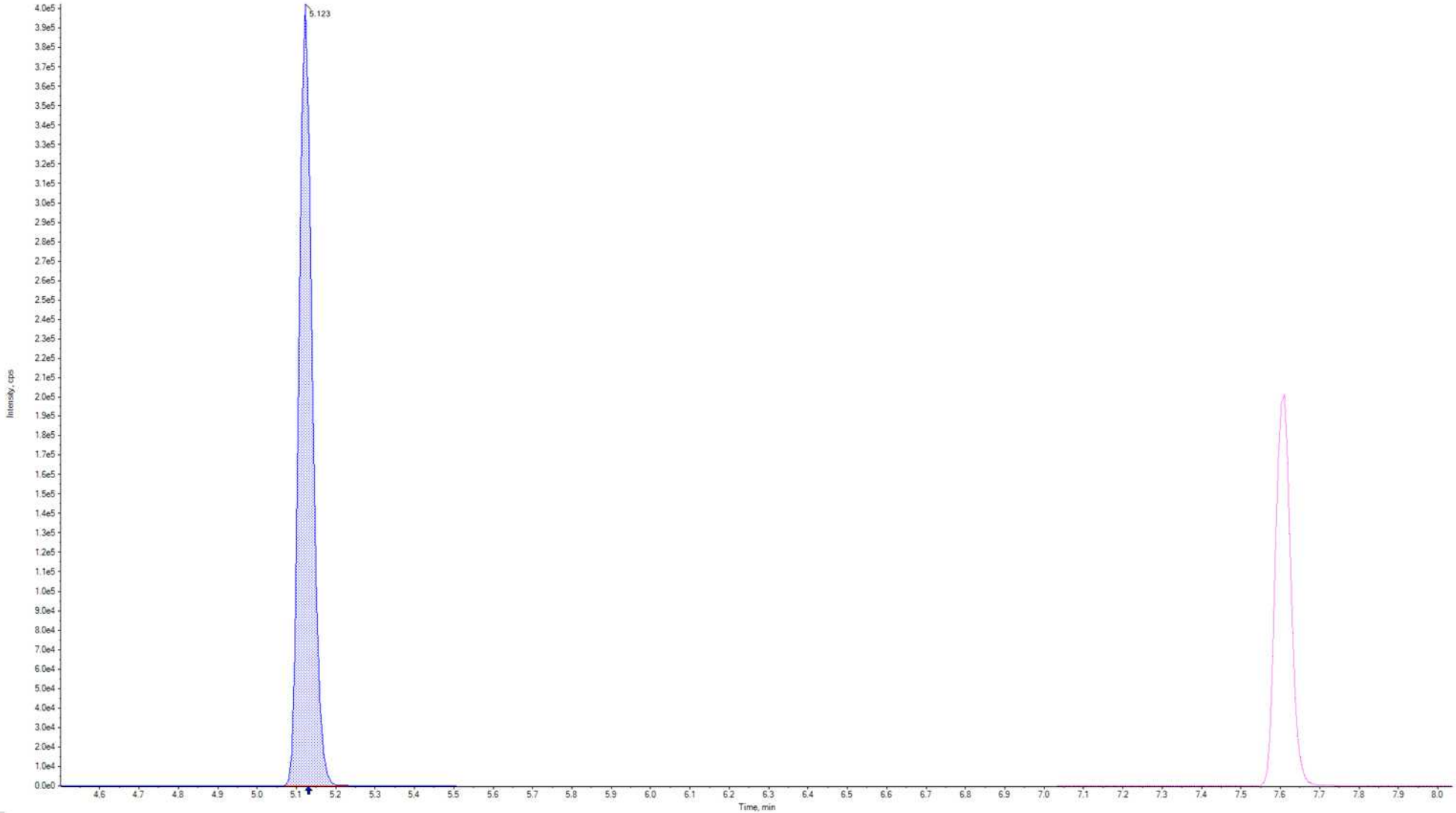
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

TDCA_2
Sample: IA1633STD-.2 S/N:N/A Points Across peak:N/A



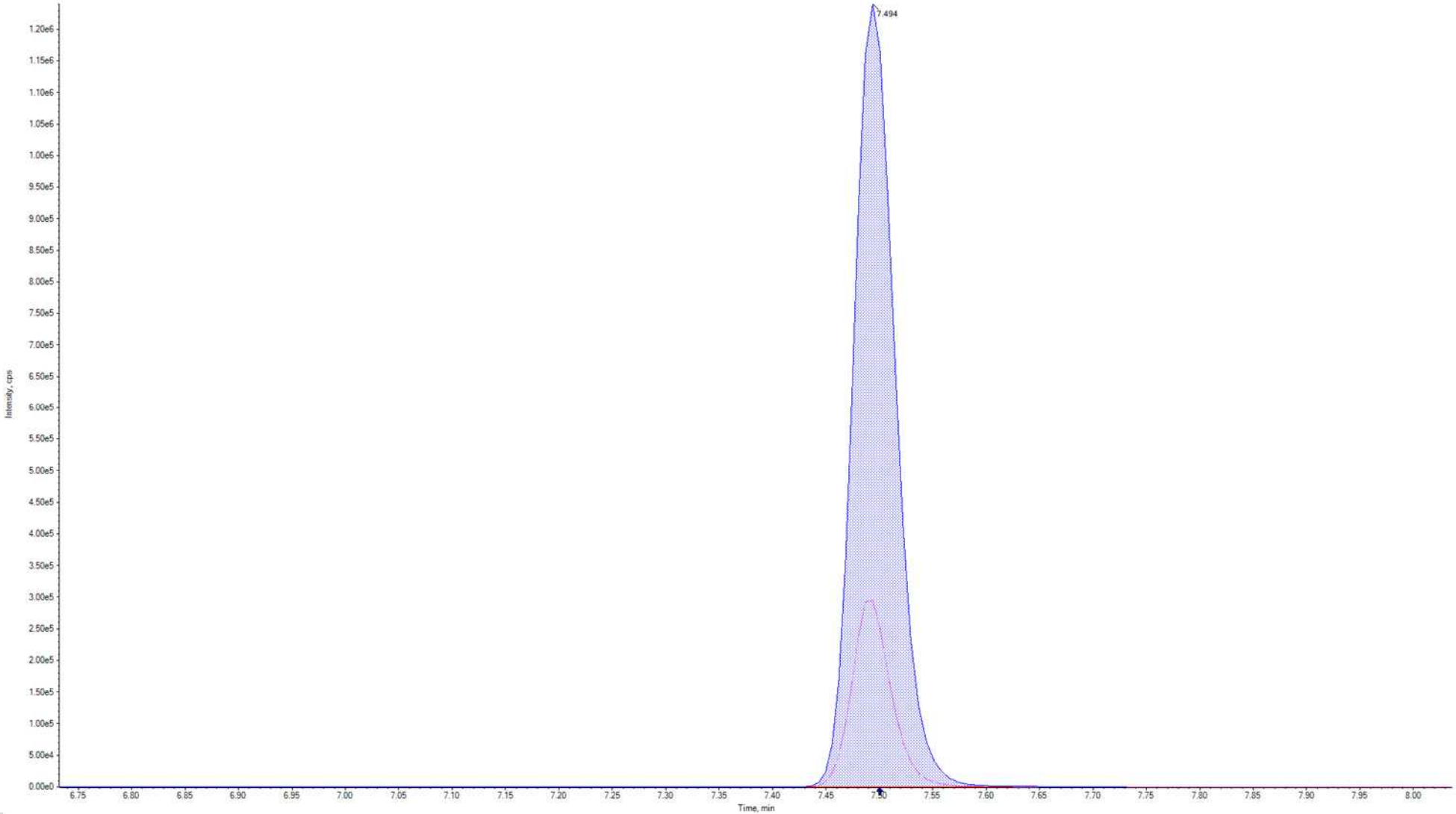
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

13C2D4-4:2FTS
Sample: IA1633STD-.2 S/N:20779.3 Points Across peak:28

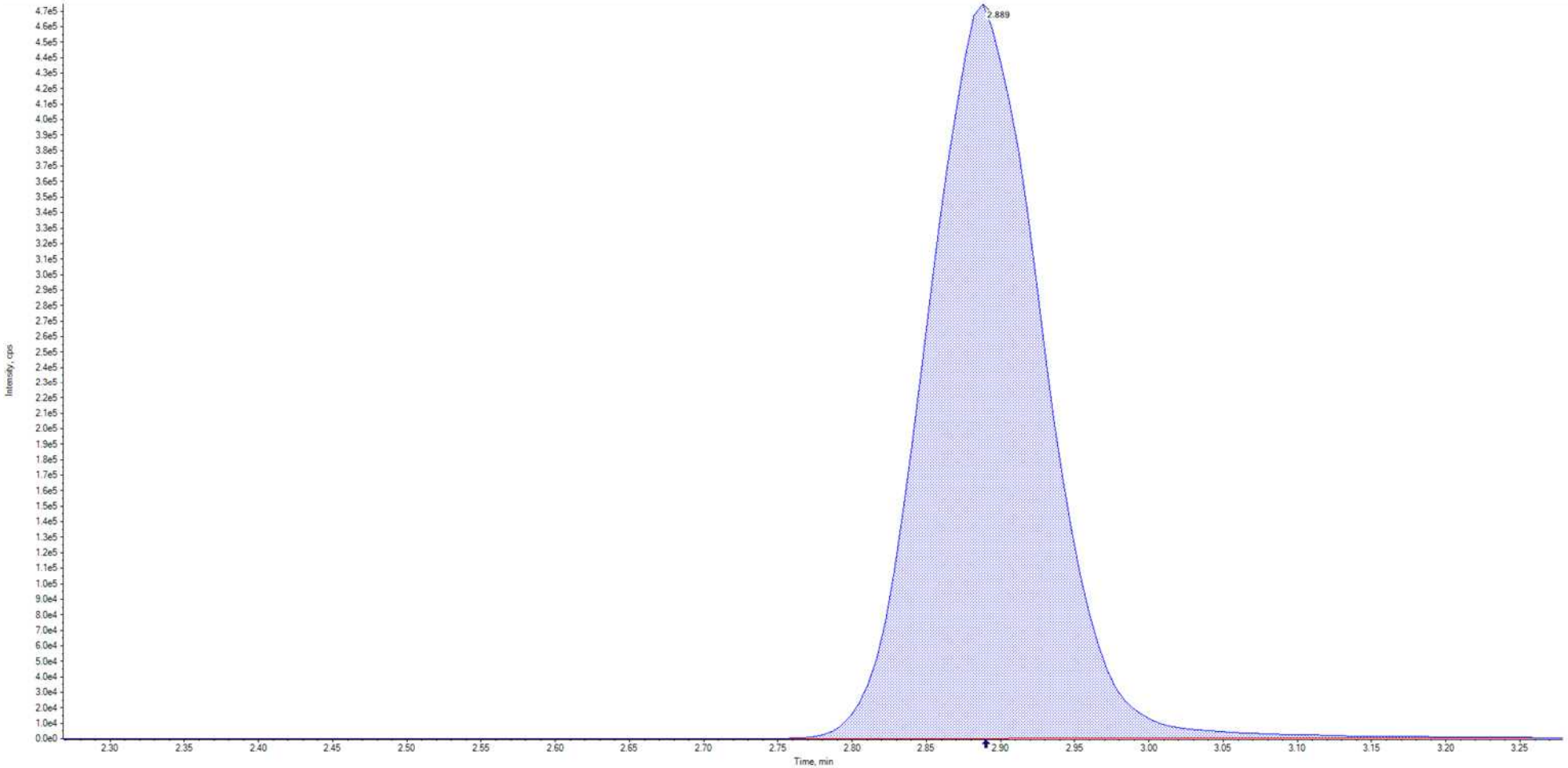


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

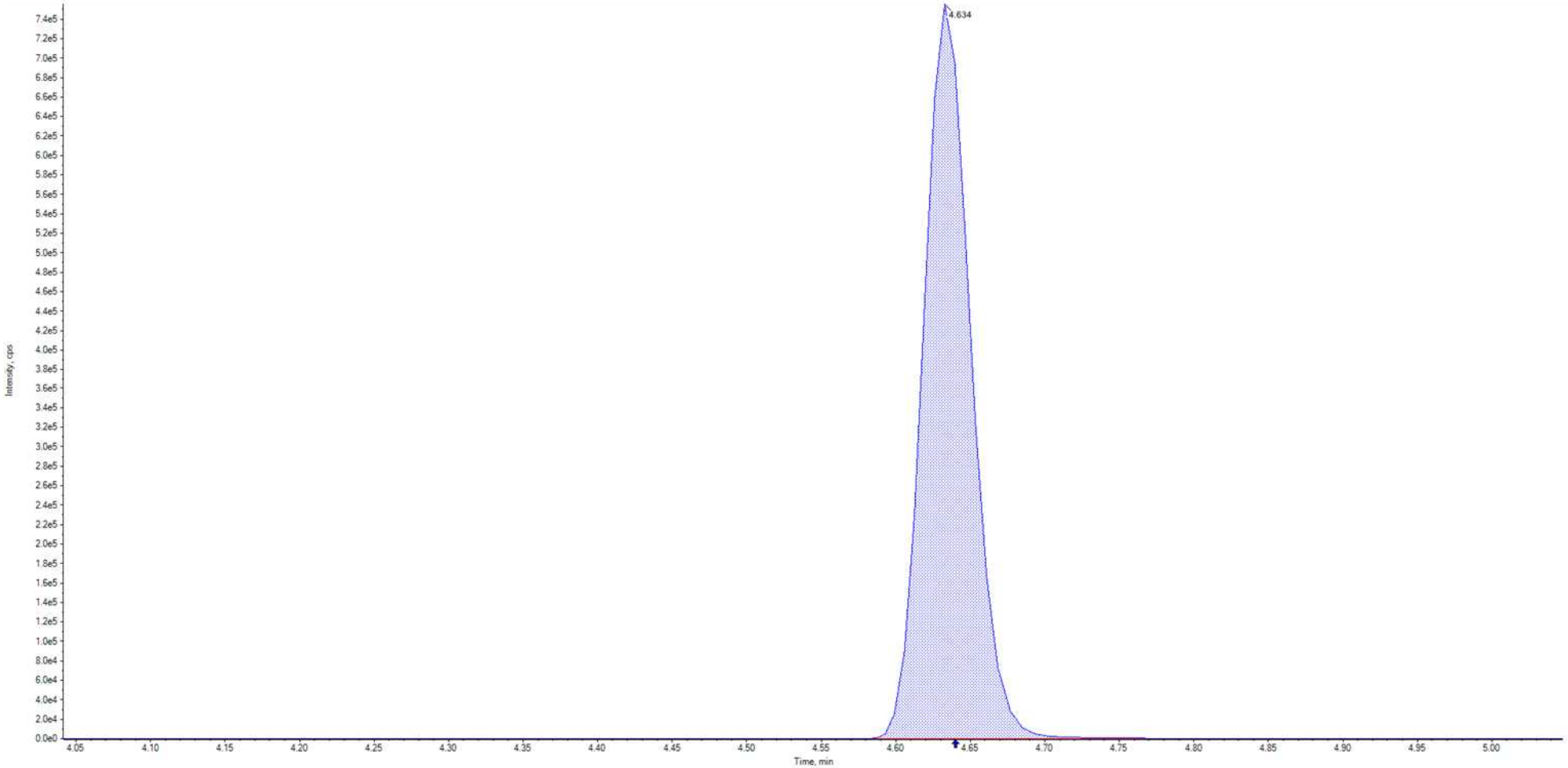
13C2-PFOA
Sample: IA1633STD-.2 S/N:108677677.1 Points Across peak:32



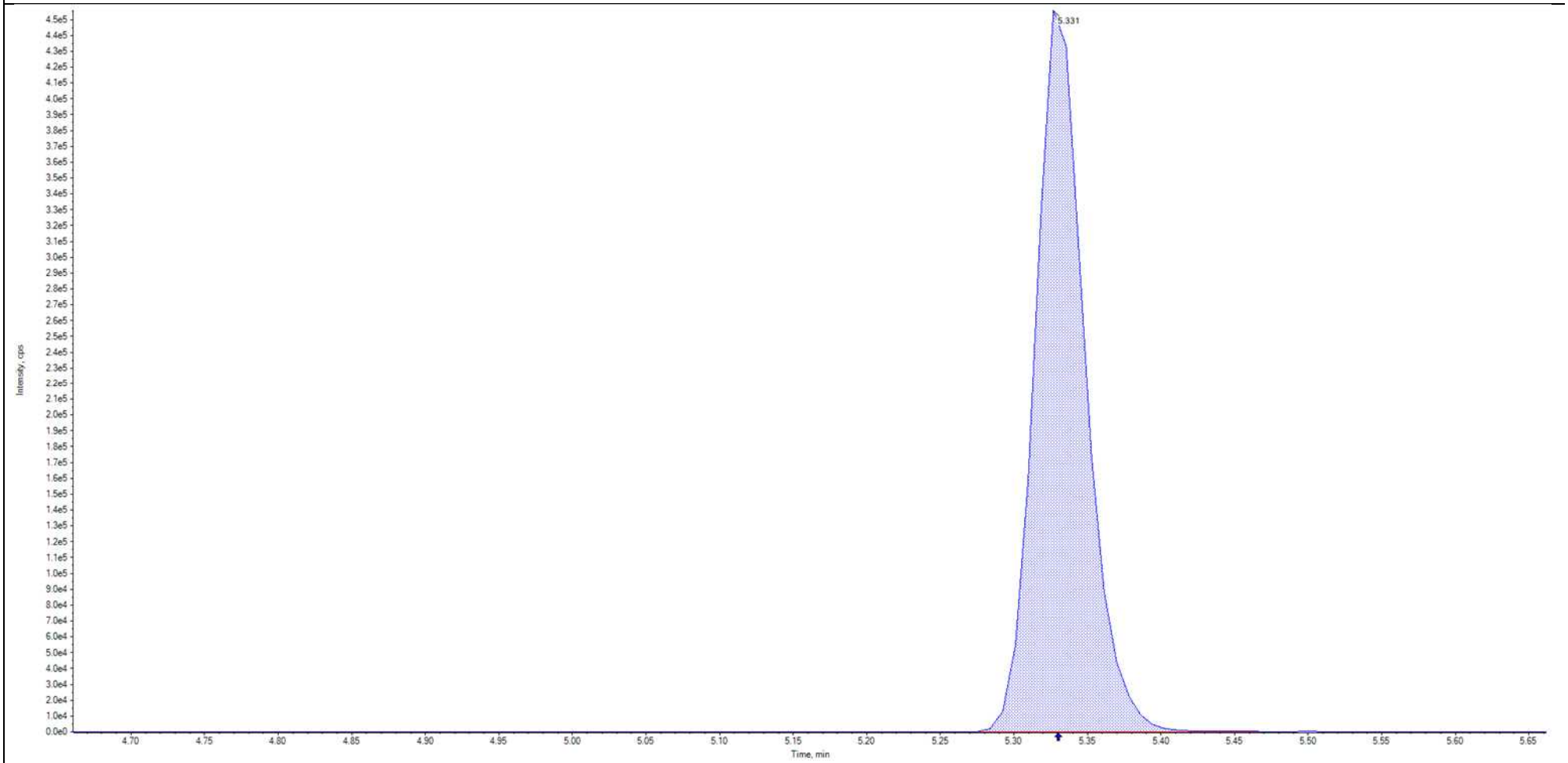
13C4-PFBA
Sample: IA1633STD-.2



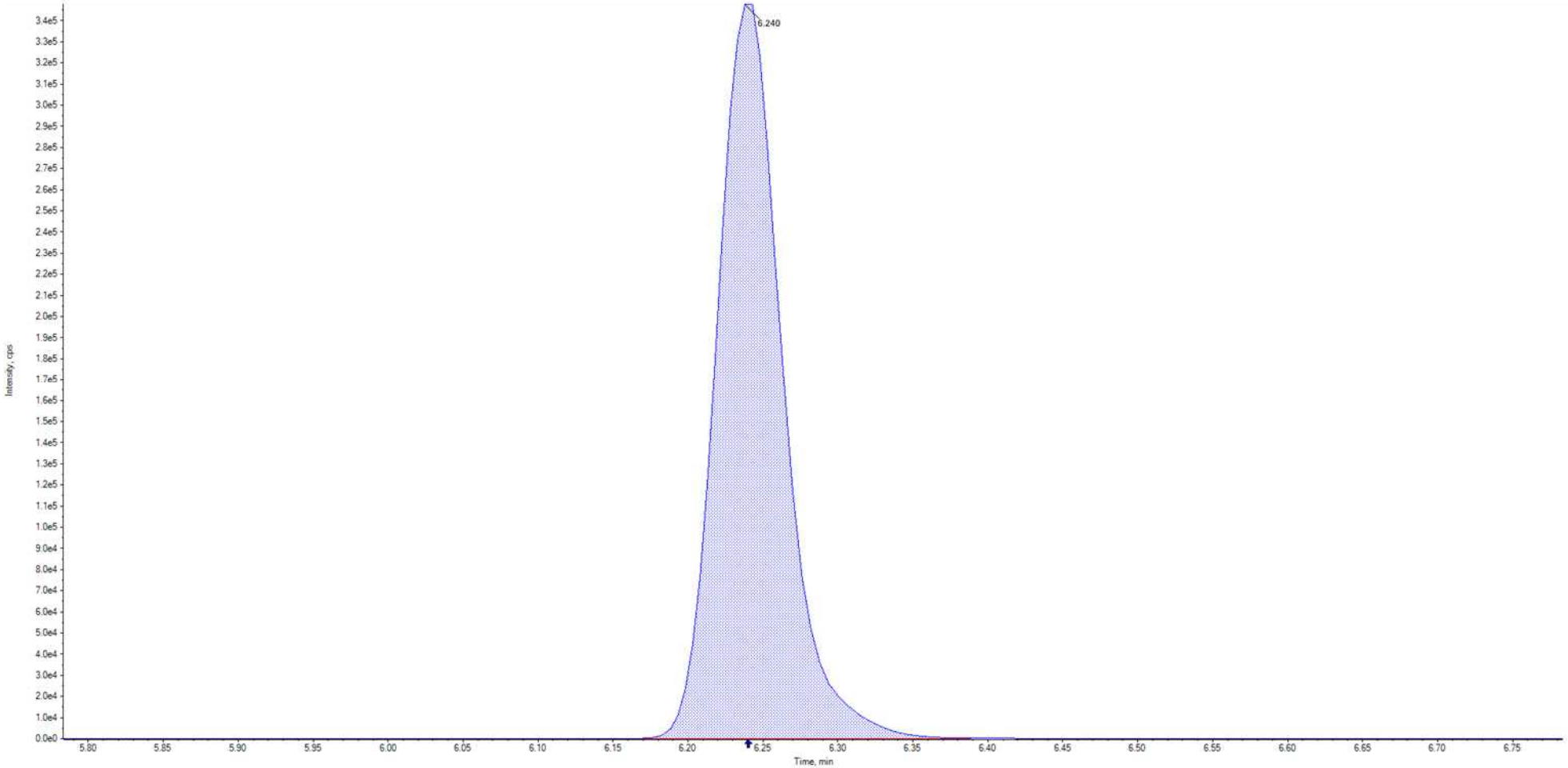
13C5-PFPeA
Sample: IA1633STD-.2



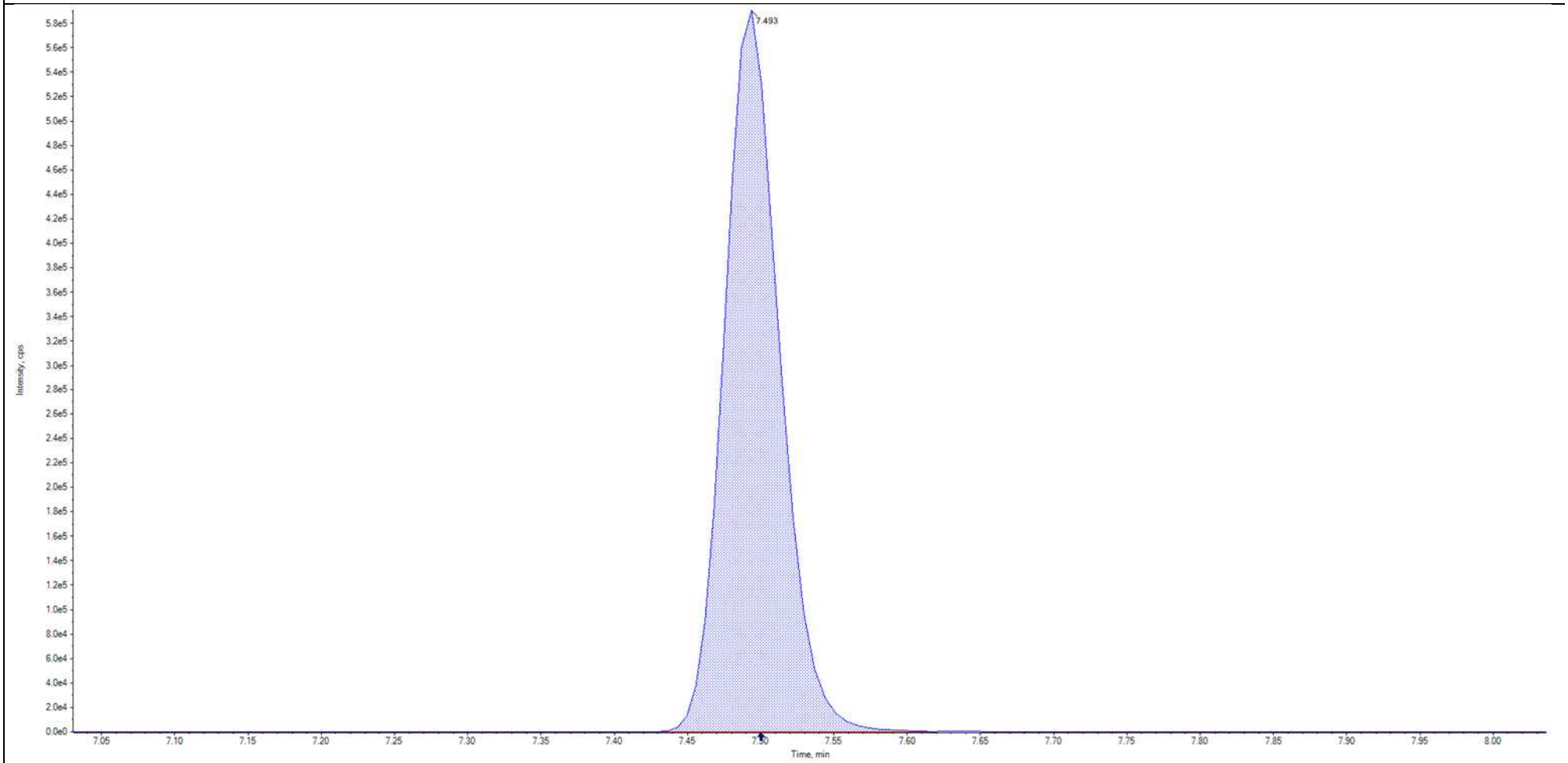
13C5-PFHxA
Sample: IA1633STD-.2



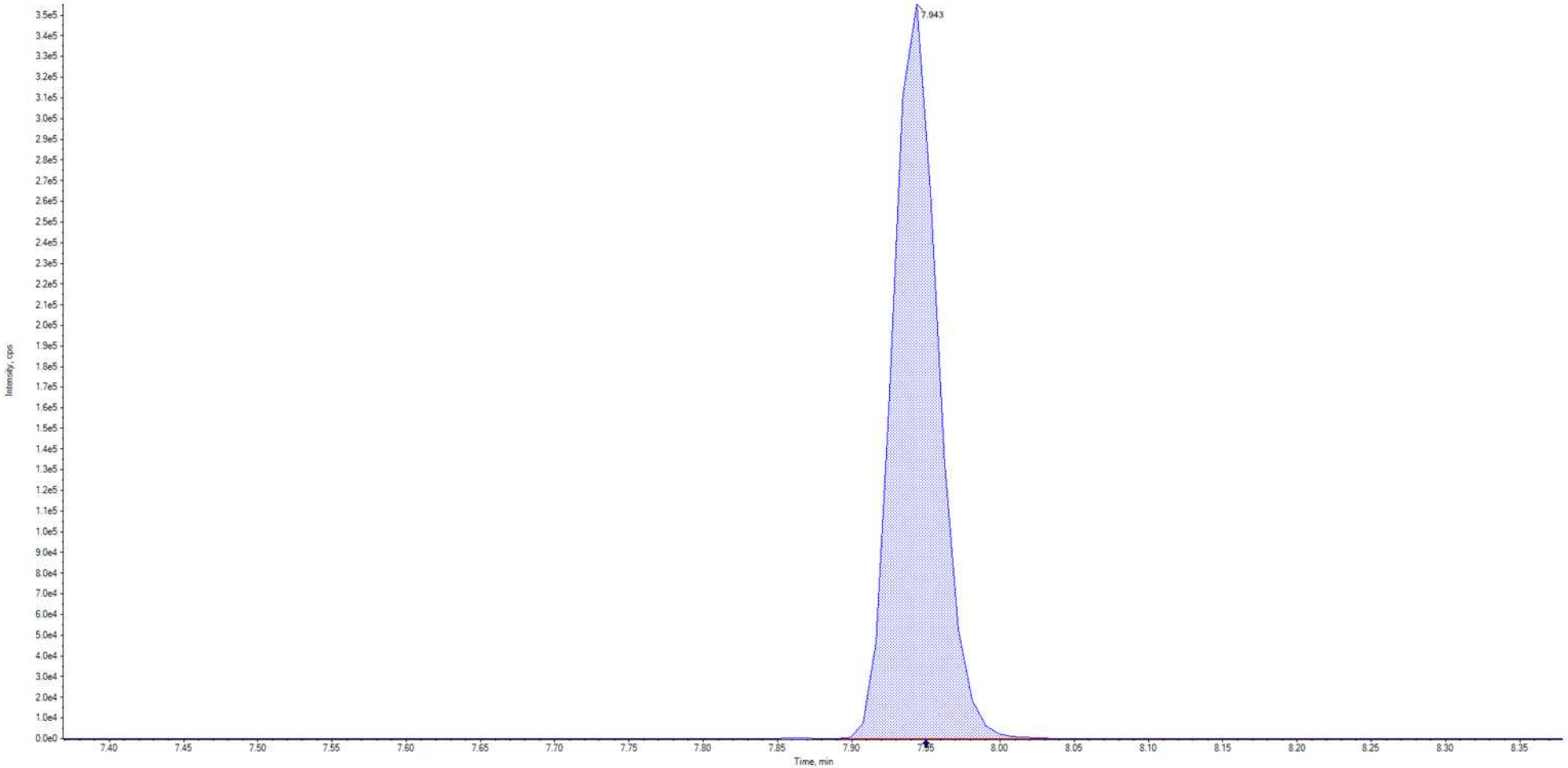
13C4-PFHpA
Sample: IA1633STD-.2



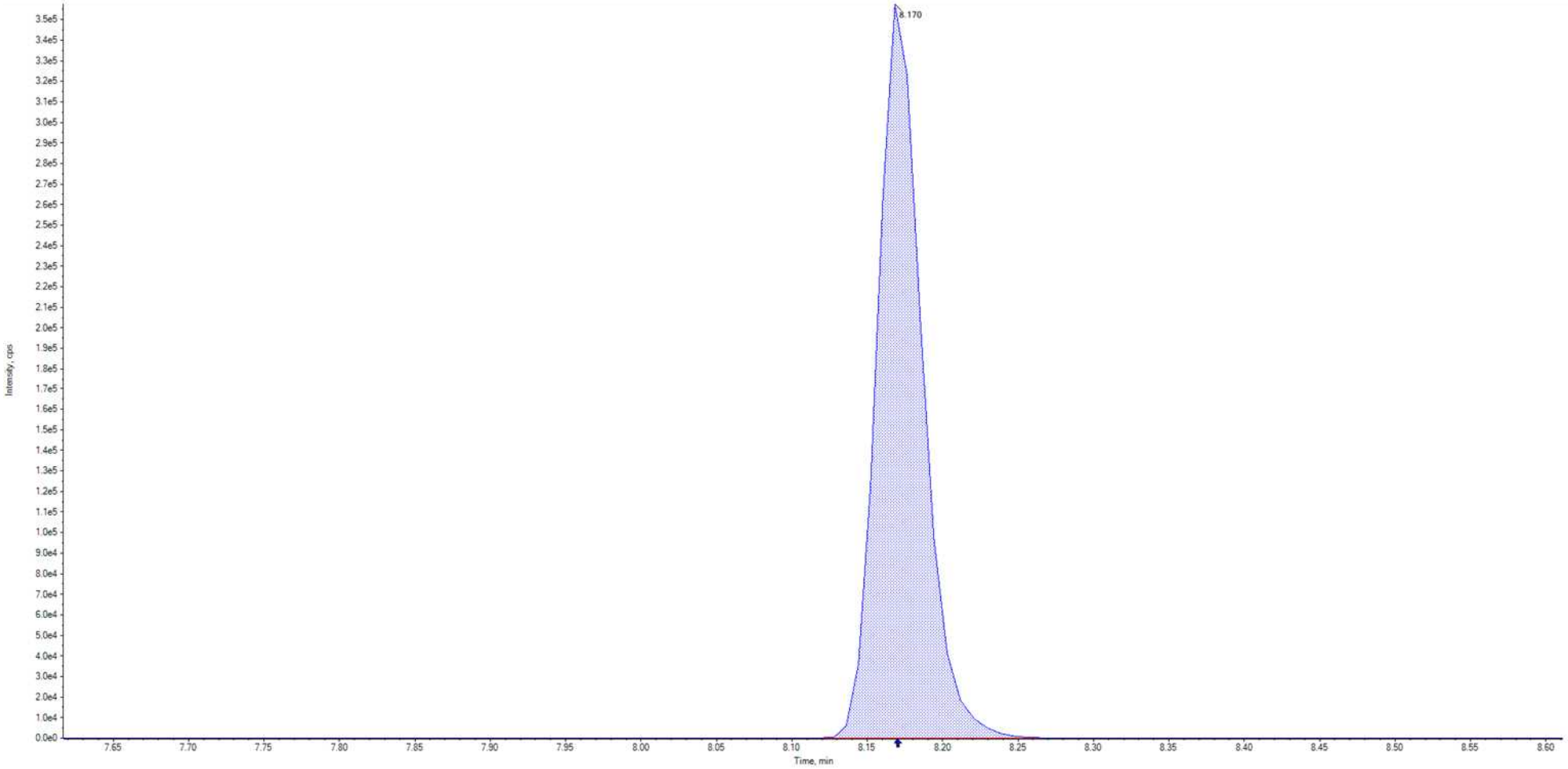
13C8-PFOA
Sample: IA1633STD-.2



13C9-PFNA
Sample: IA1633STD-.2

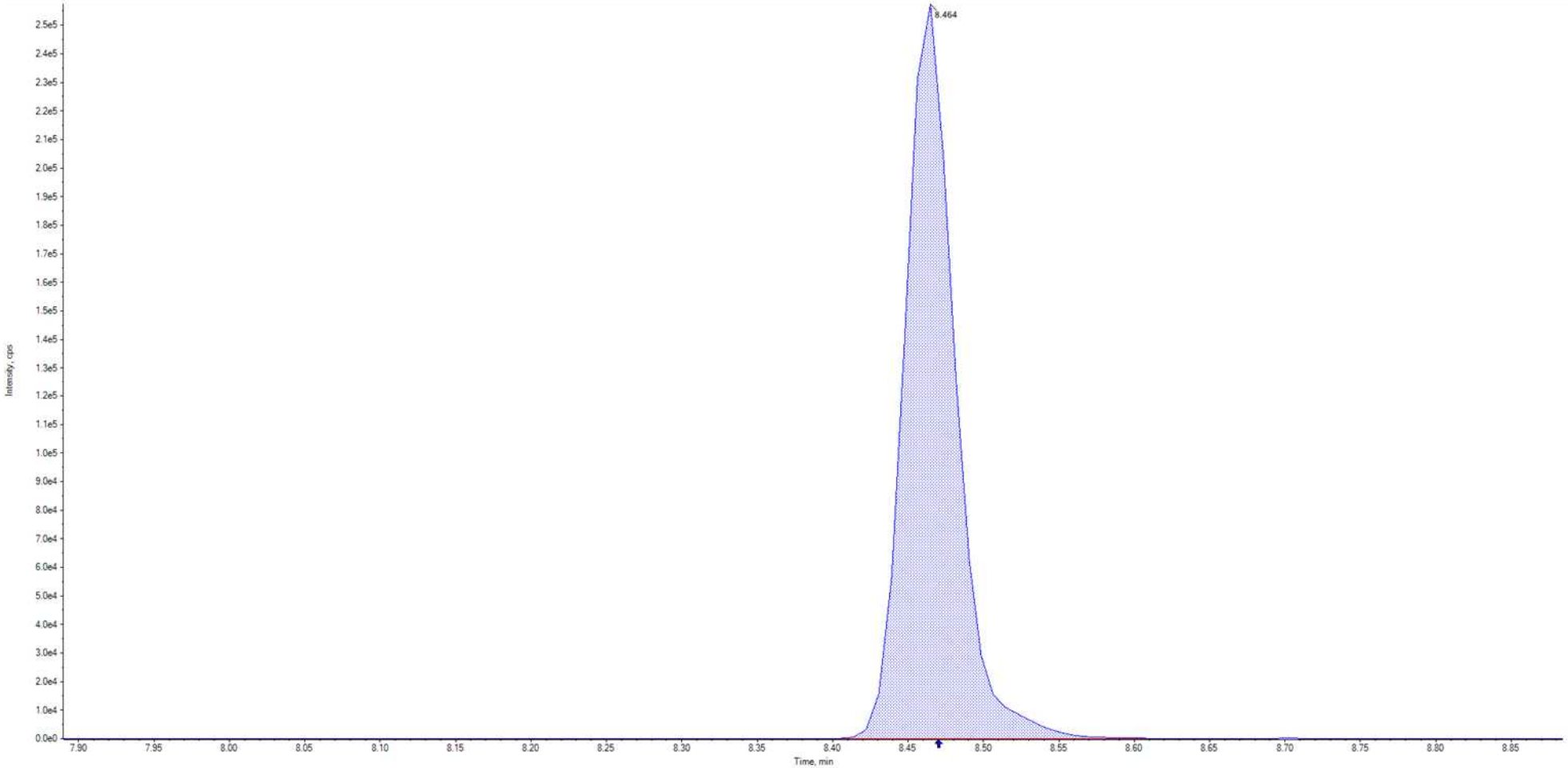


13C6-PFDA
Sample: IA1633STD-.2

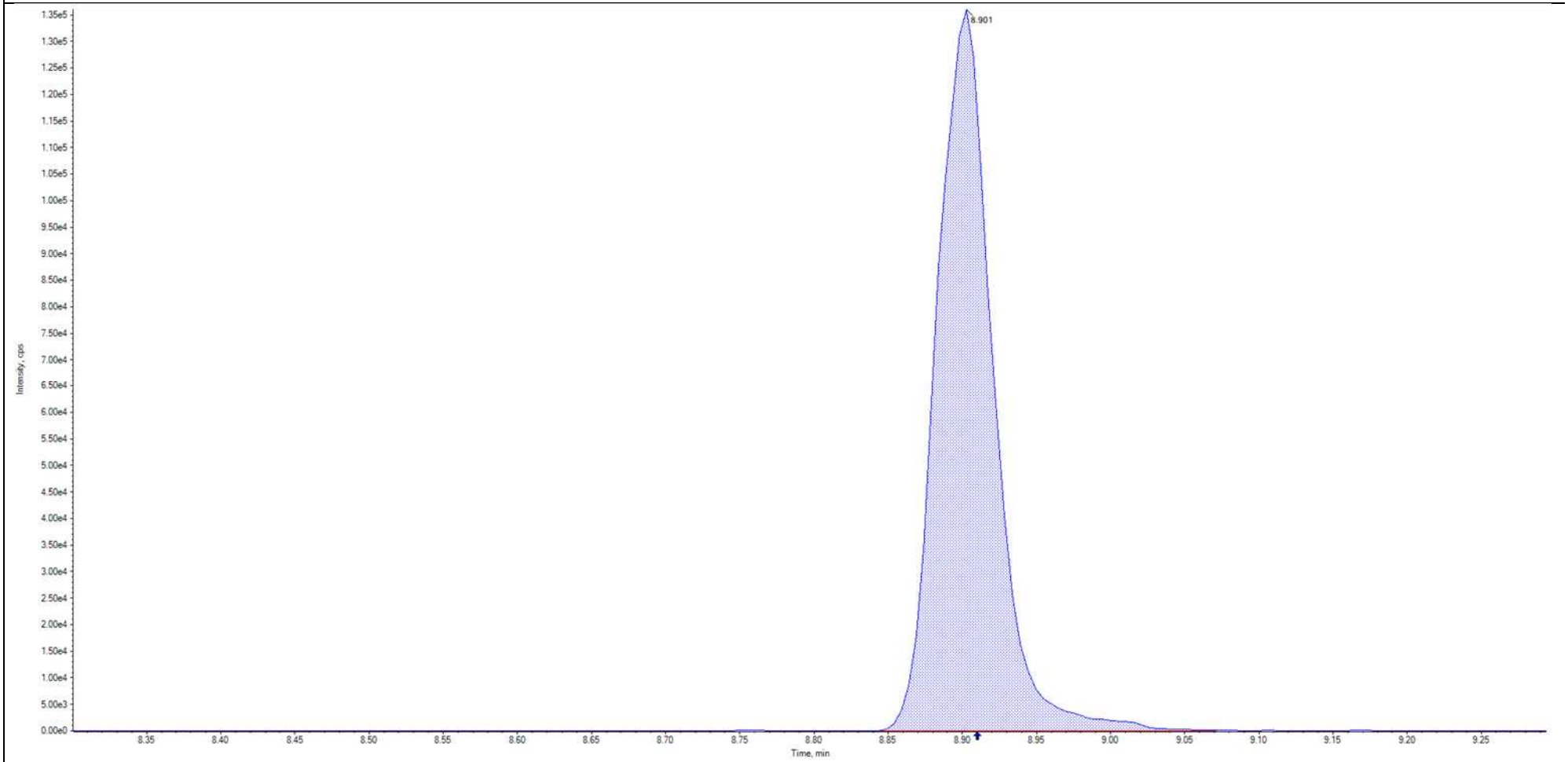


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

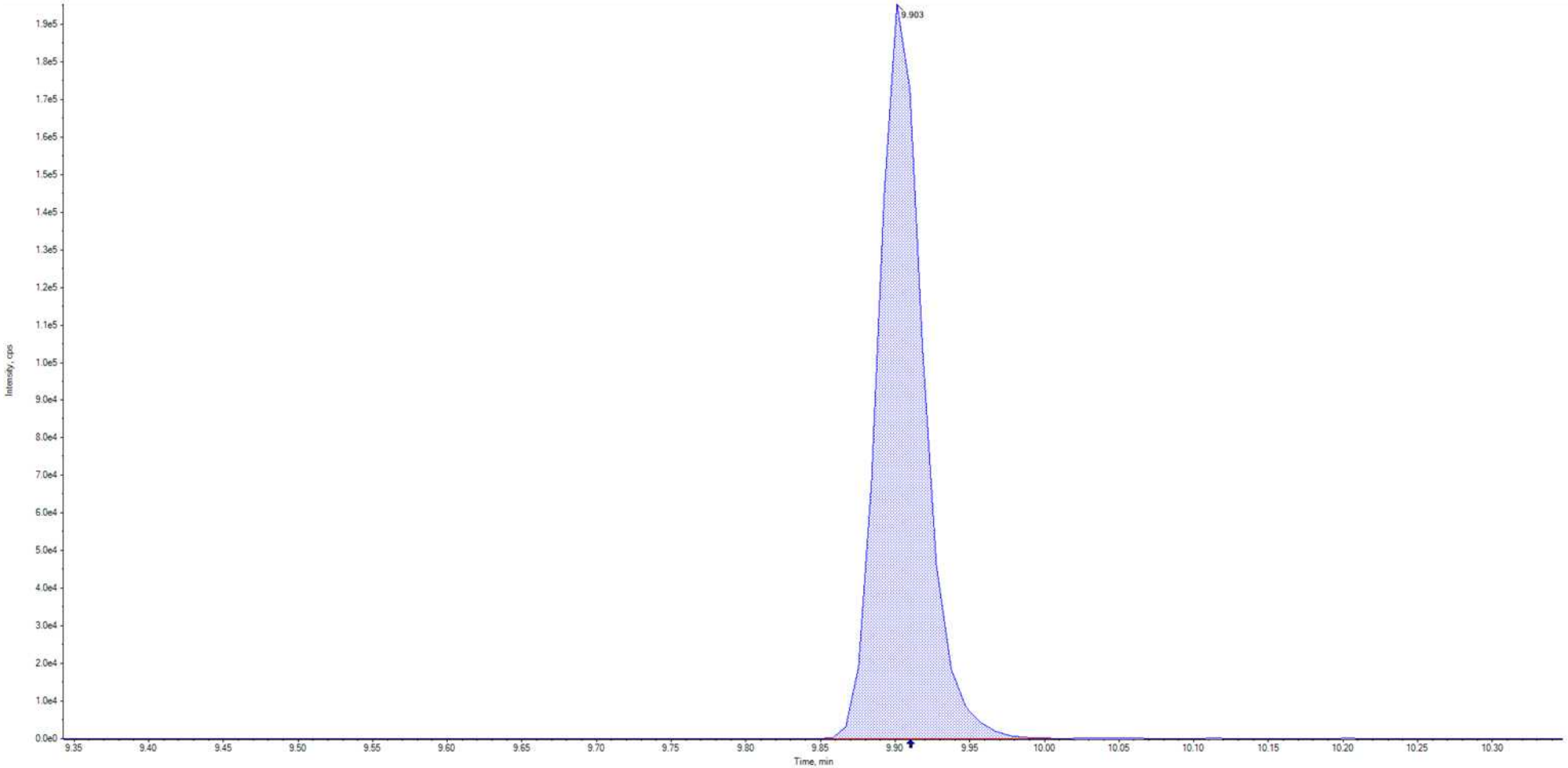
13C7-PFUnA
Sample: IA1633STD-.2



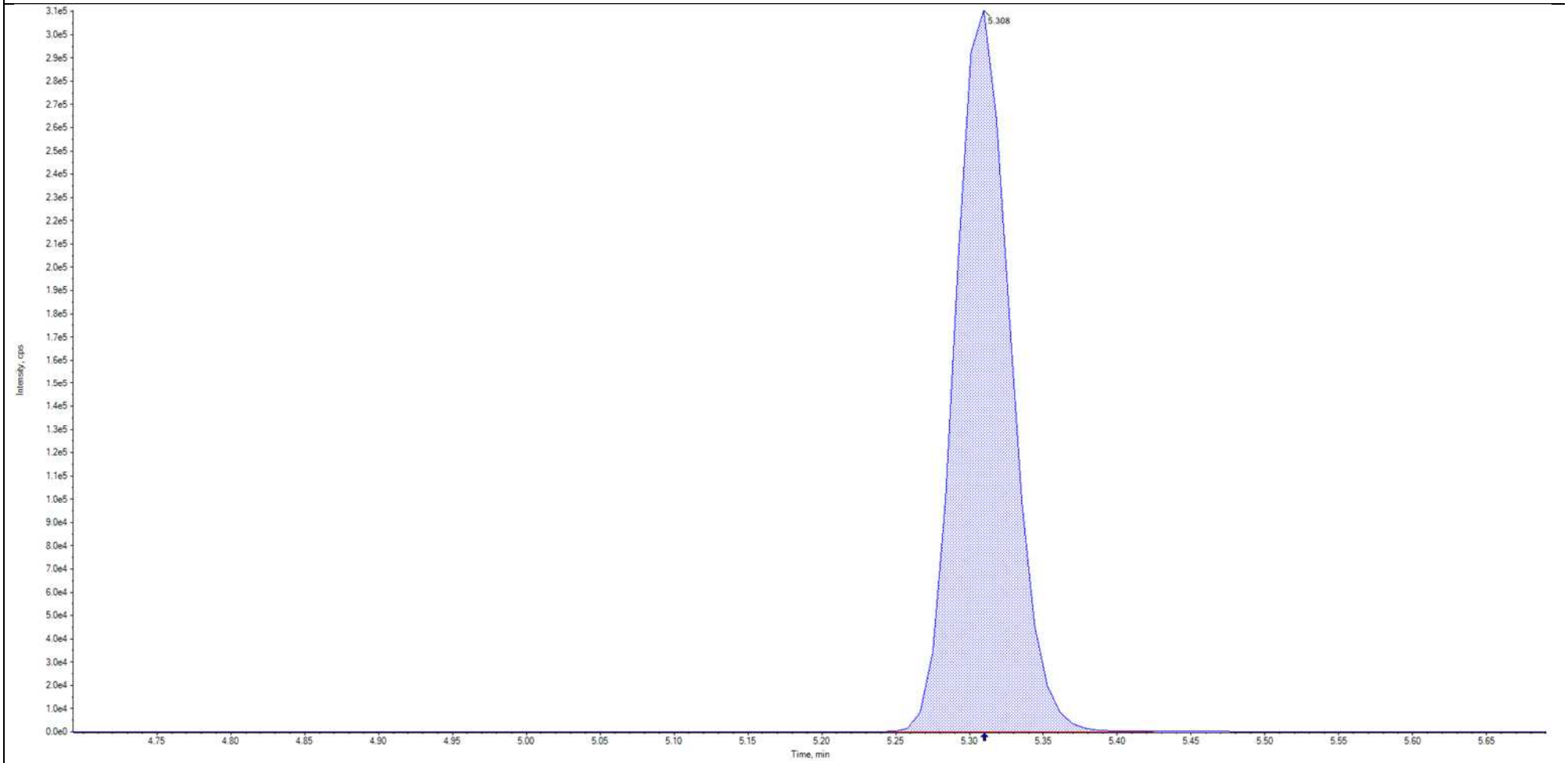
13C2-PFDoA
Sample: IA1633STD-.2



13C2-PFTeDA
Sample: IA1633STD-.2

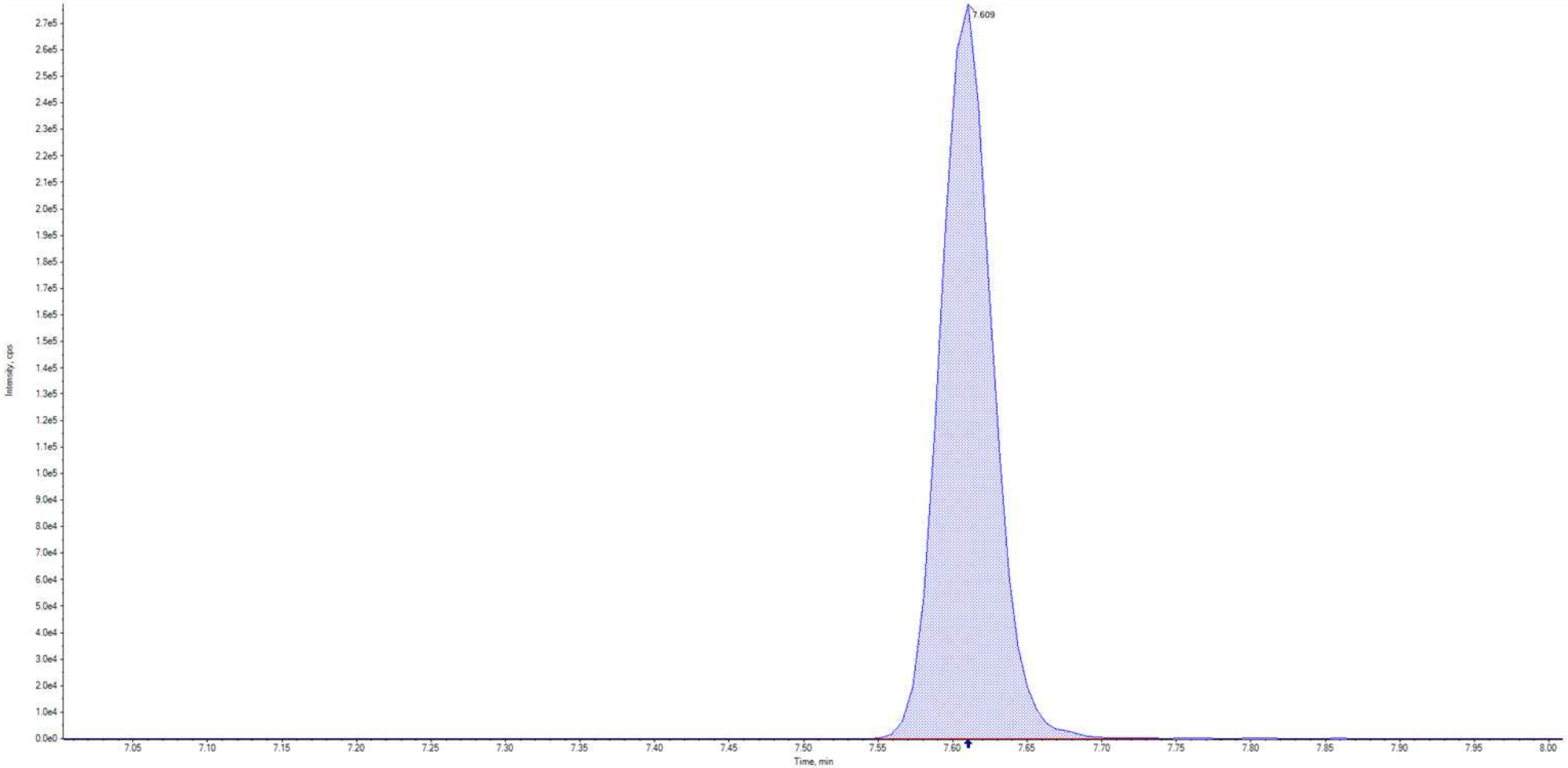


13C3-PFBS
Sample: IA1633STD-.2



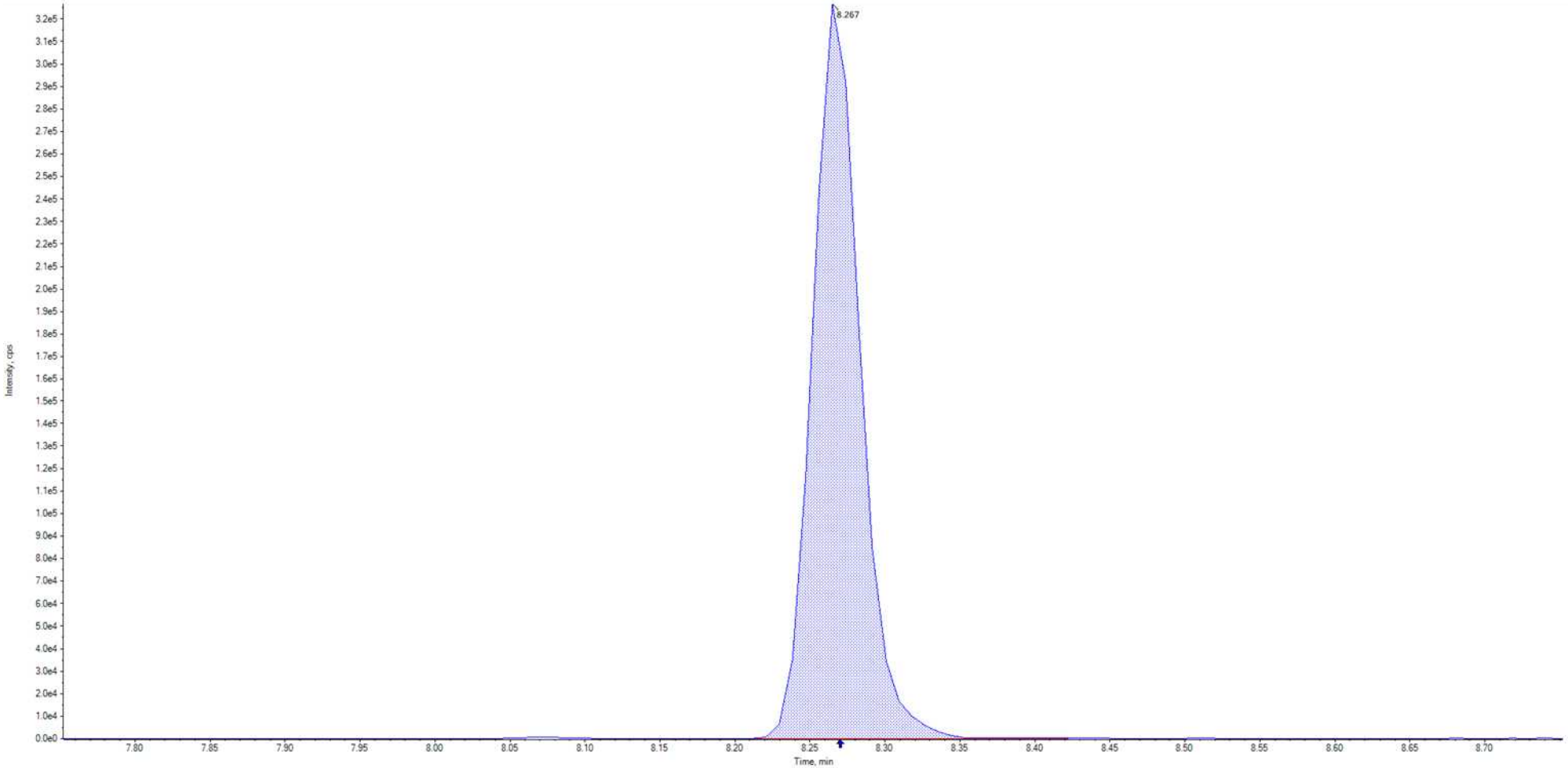
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

13C3-PFHxS
Sample: IA1633STD-.2

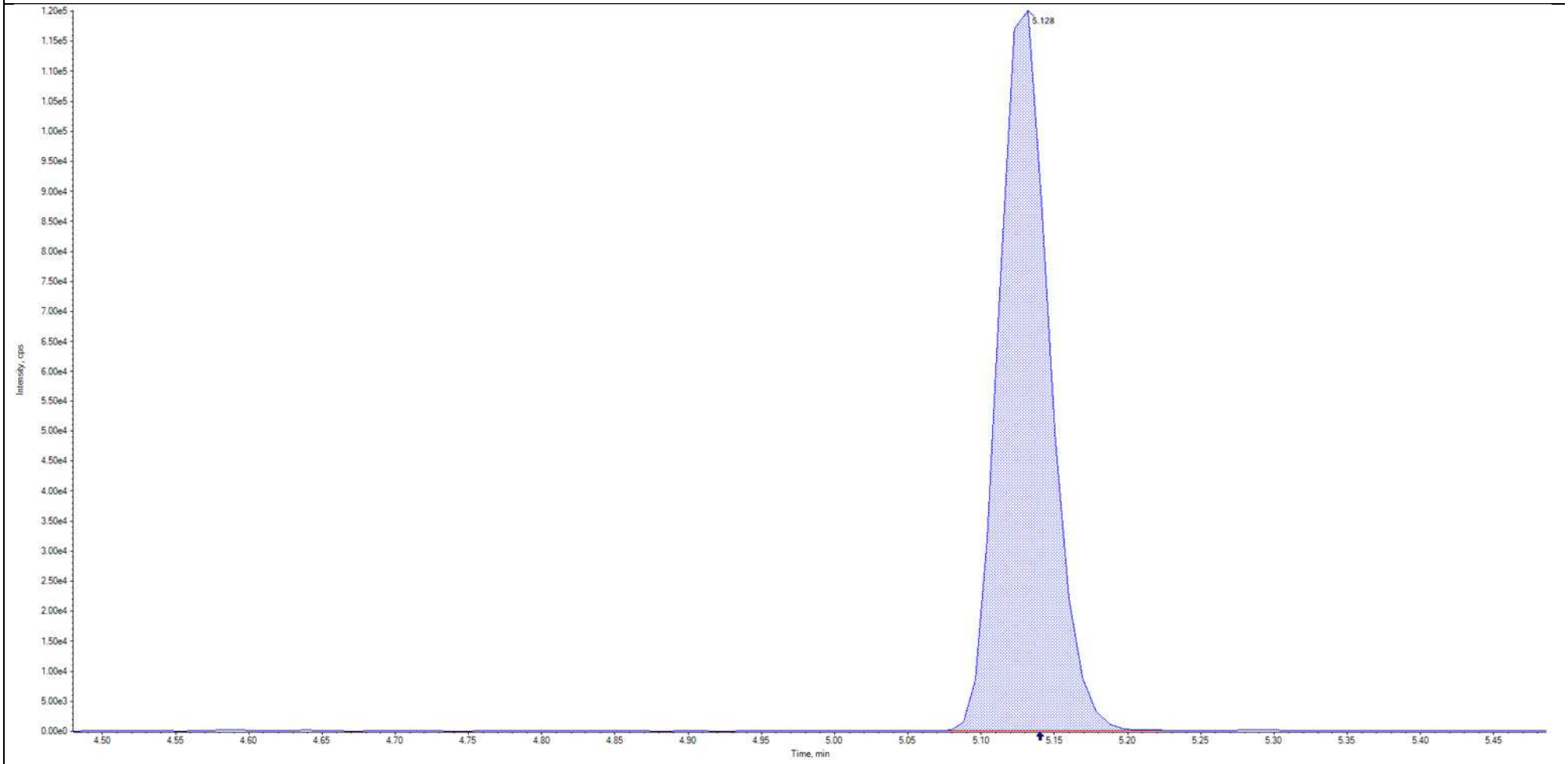


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_72.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

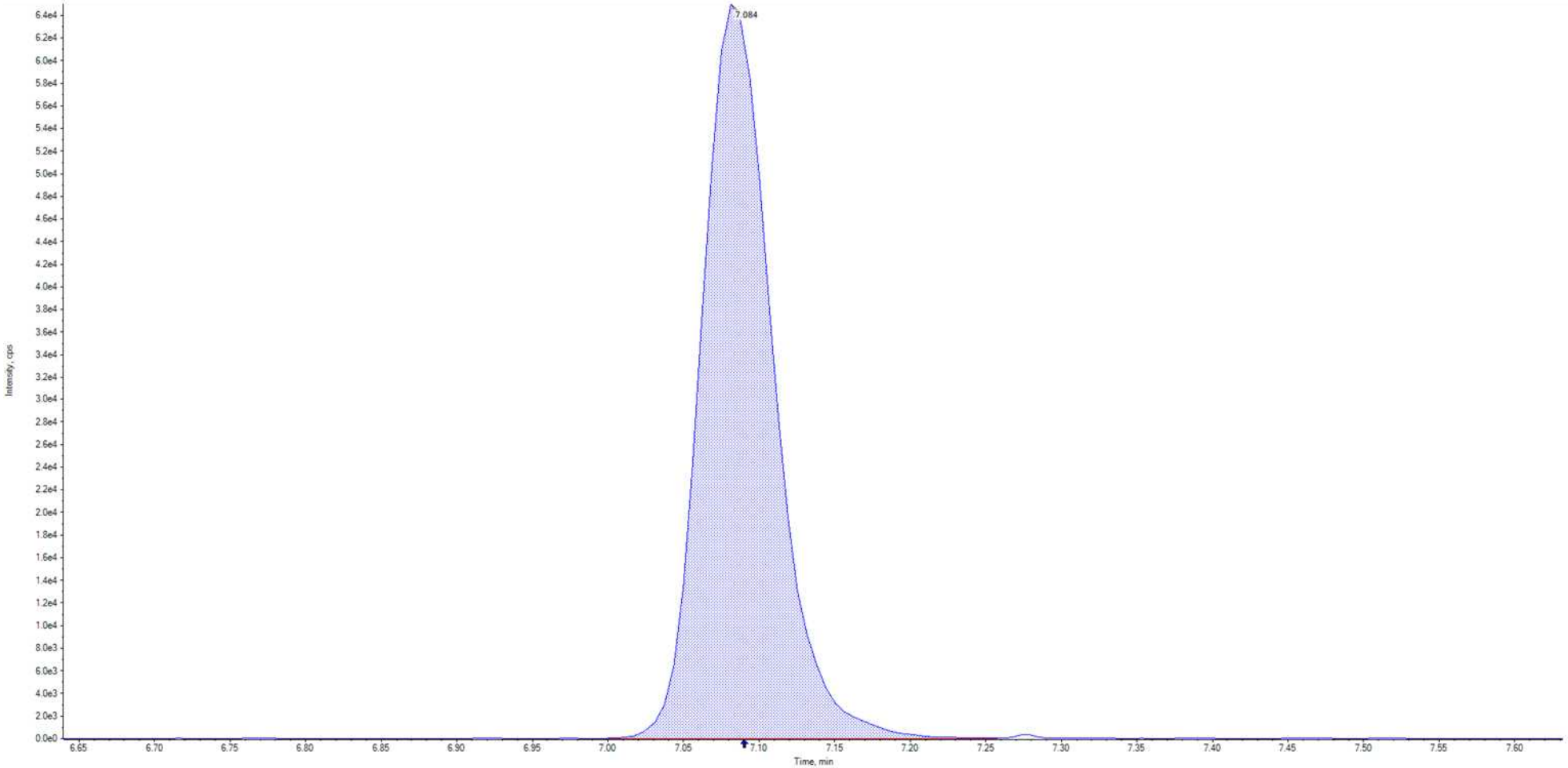
13C8-PFOS
Sample: IA1633STD-.2



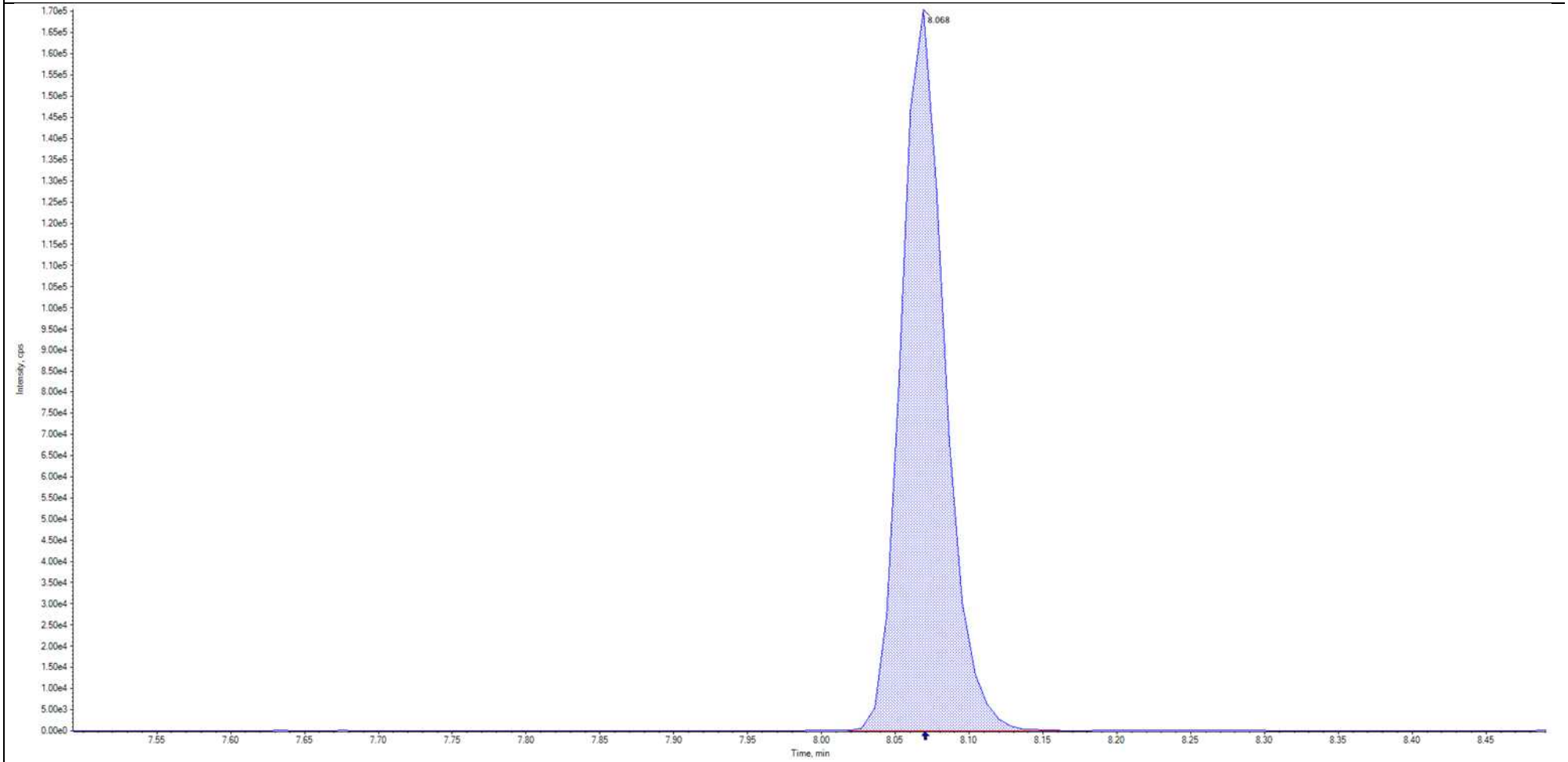
13C2-4:2FTS
Sample: IA1633STD-.2



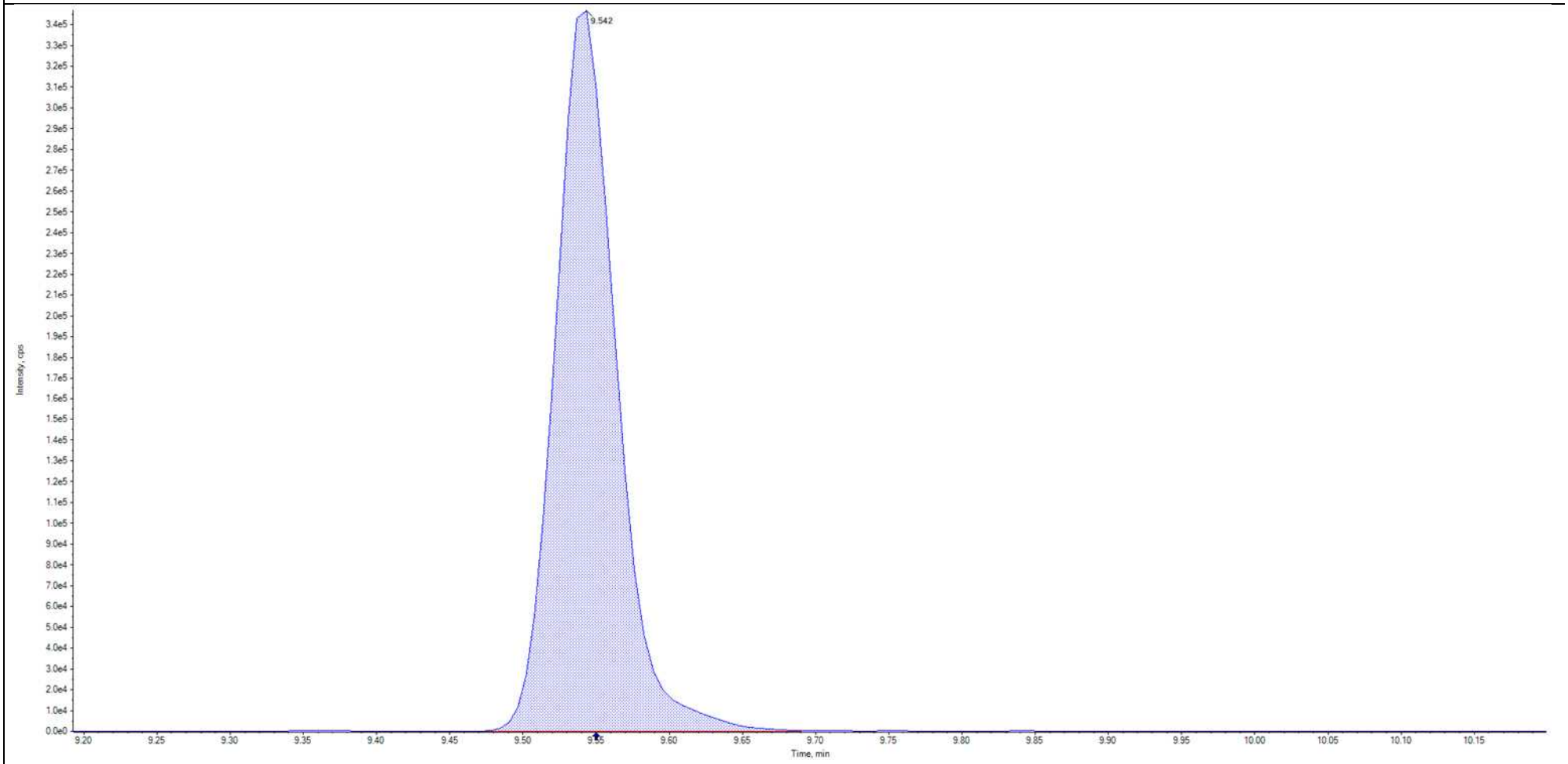
13C2-6:2FTS
Sample: IA1633STD-.2



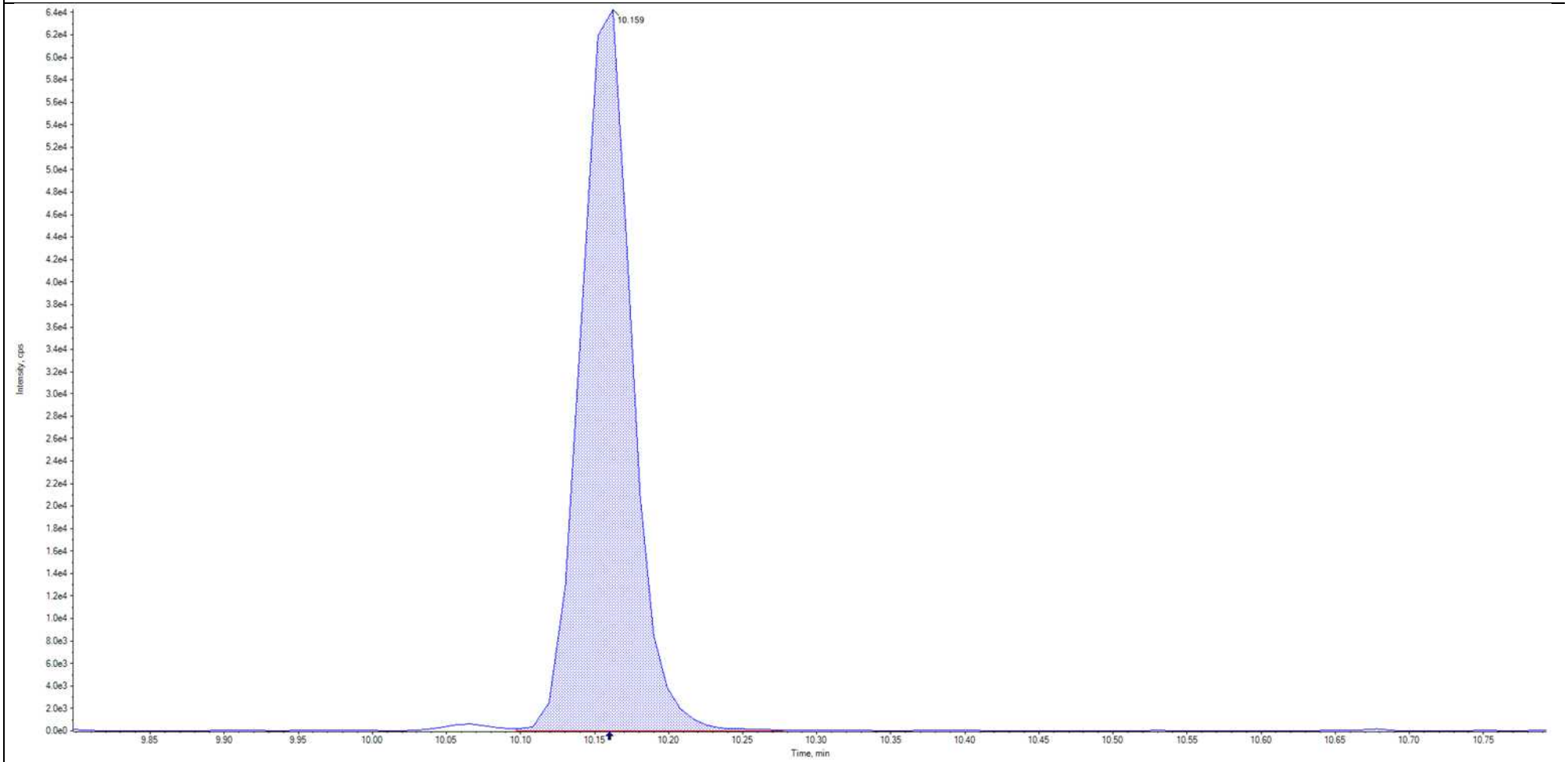
13C2-8:2FTS
Sample: IA1633STD-.2



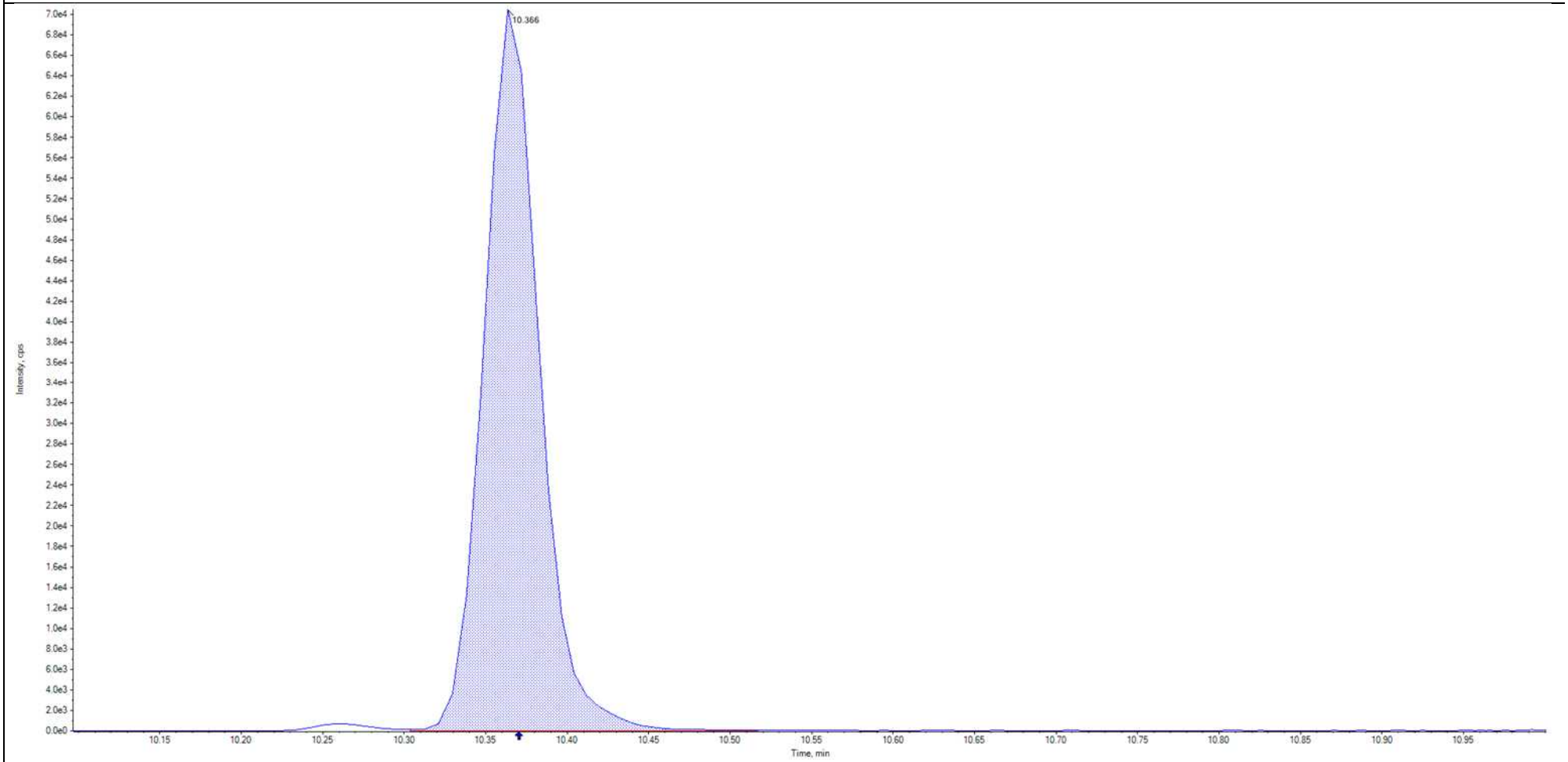
13C8-PFOSA
Sample: IA1633STD-.2



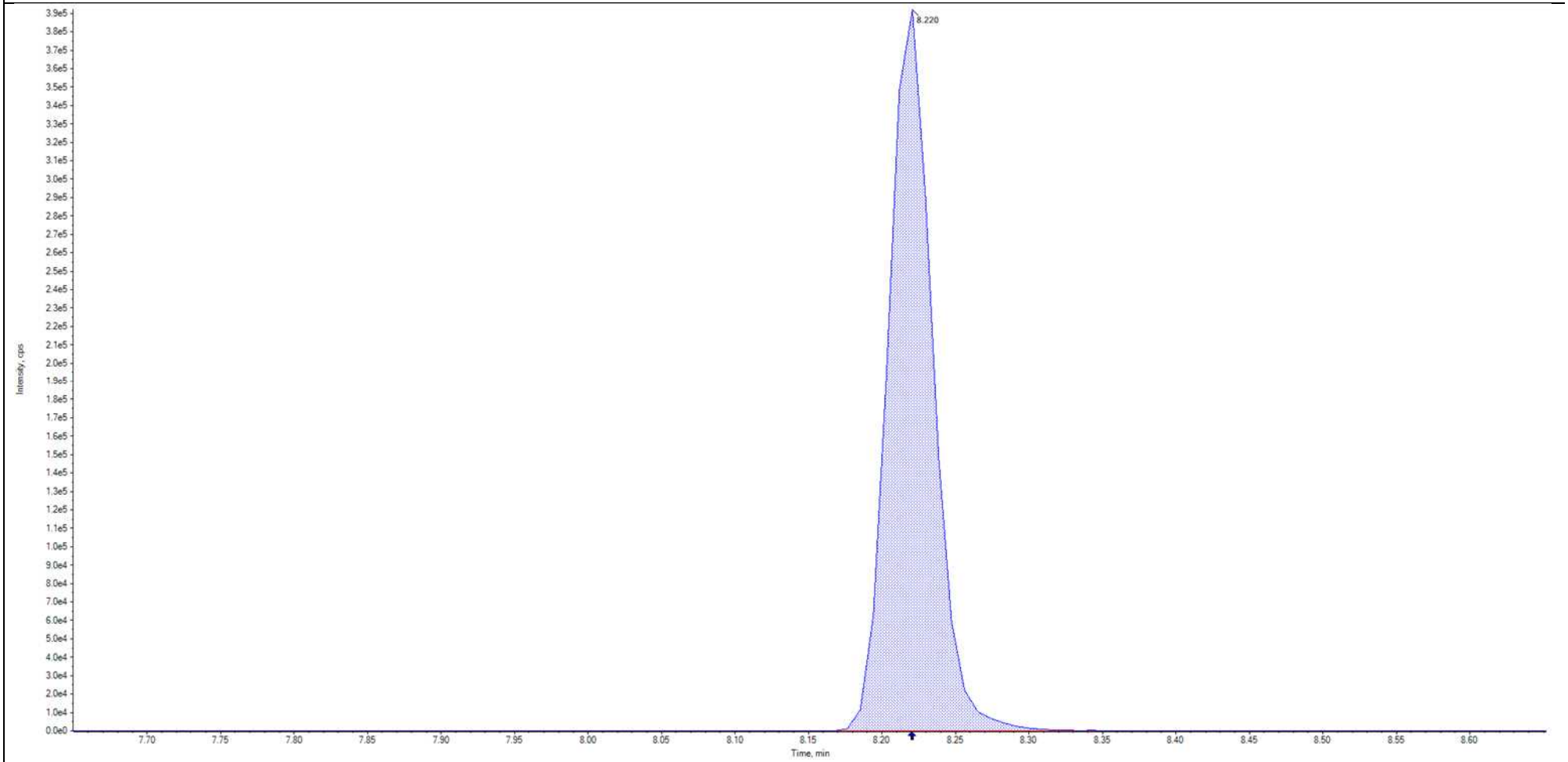
d3-NMeFOSA
Sample: IA1633STD-.2



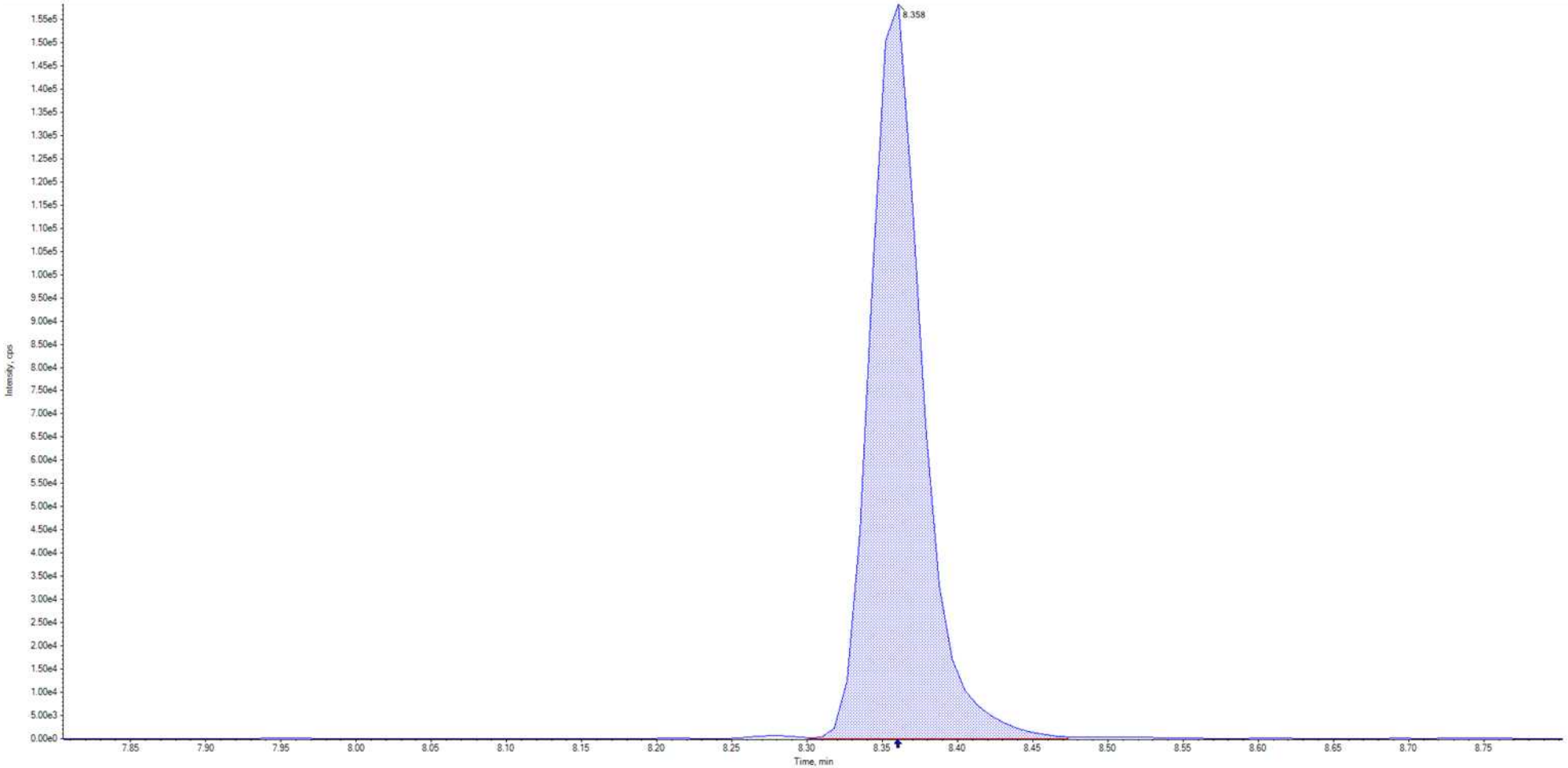
d5-NEtFOSA
Sample: IA1633STD-.2



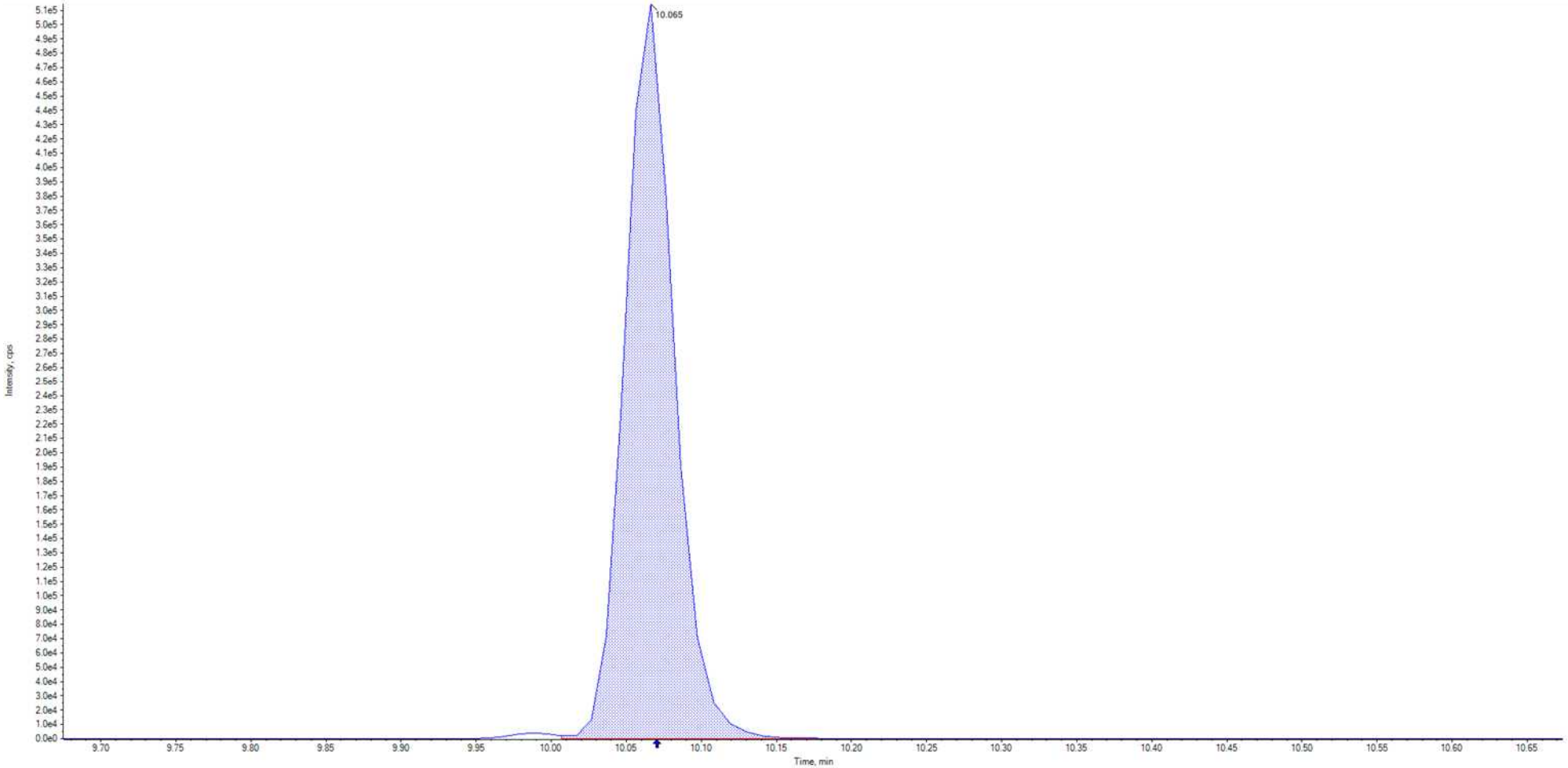
d3-NMeFOSAA
Sample: IA1633STD-.2



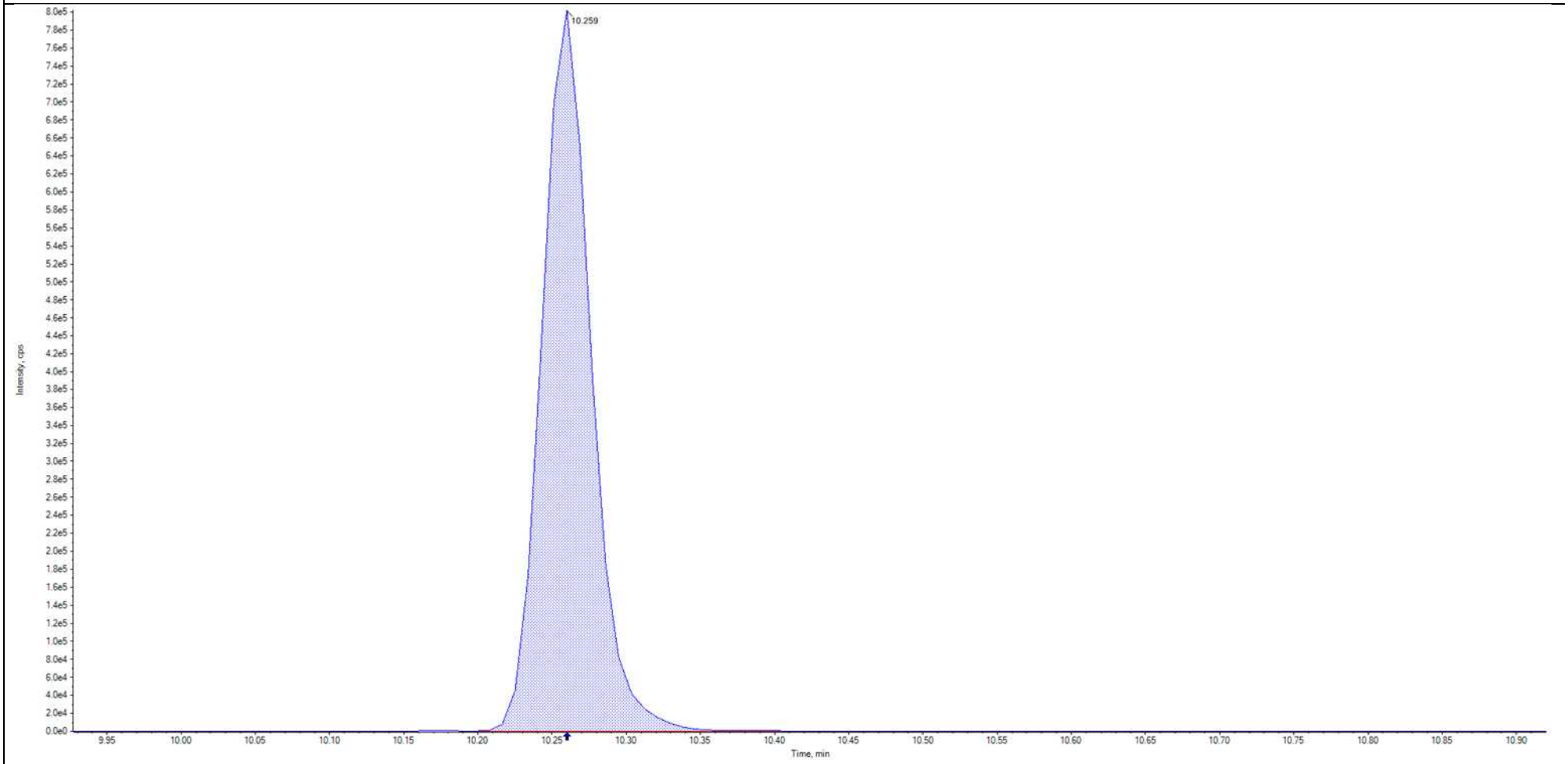
d5-NEtFOSAA
Sample: IA1633STD-.2



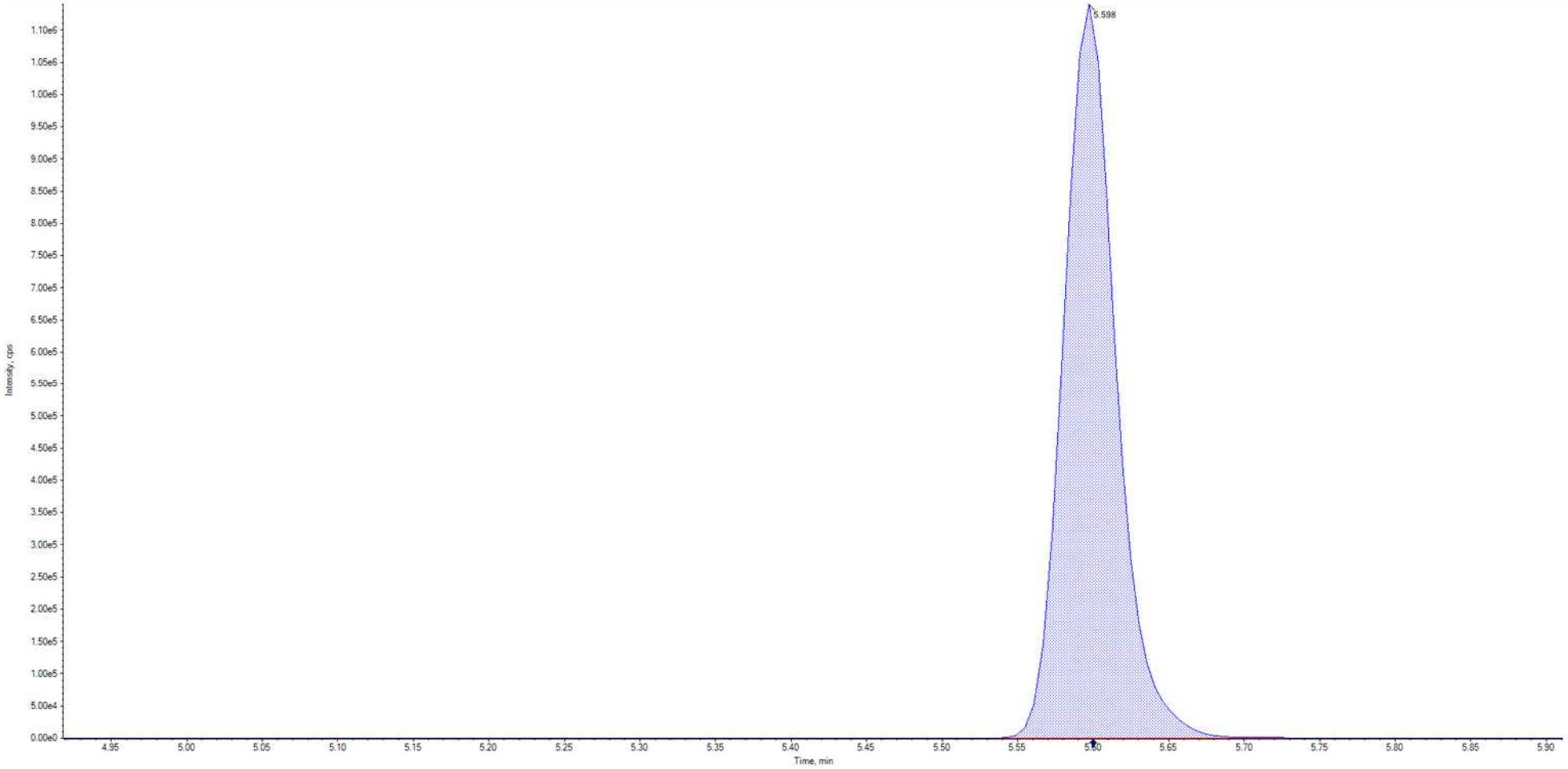
d7-NMeFOSE
Sample: IA1633STD-.2



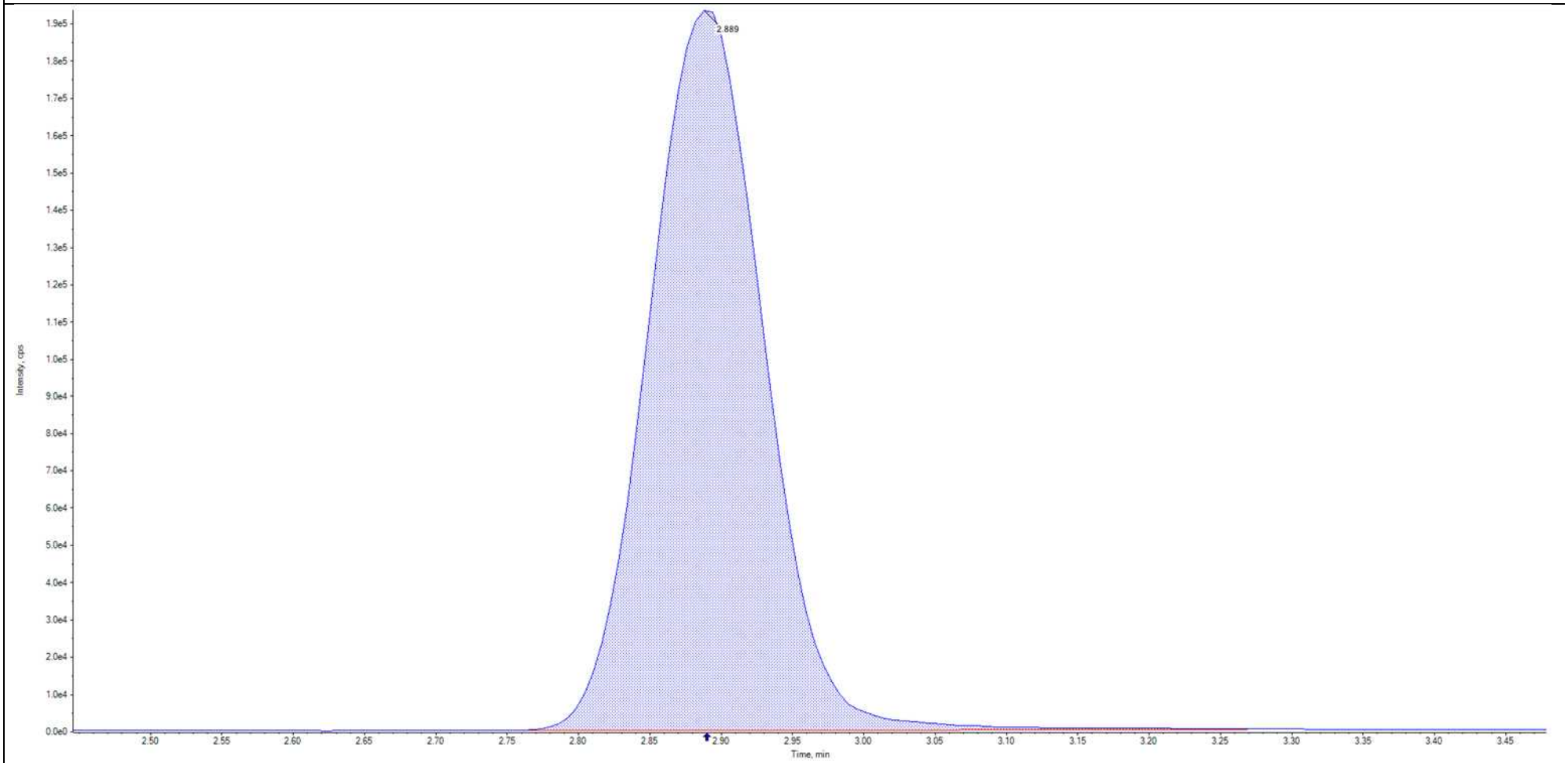
d9-NEtFOSE
Sample: IA1633STD-.2



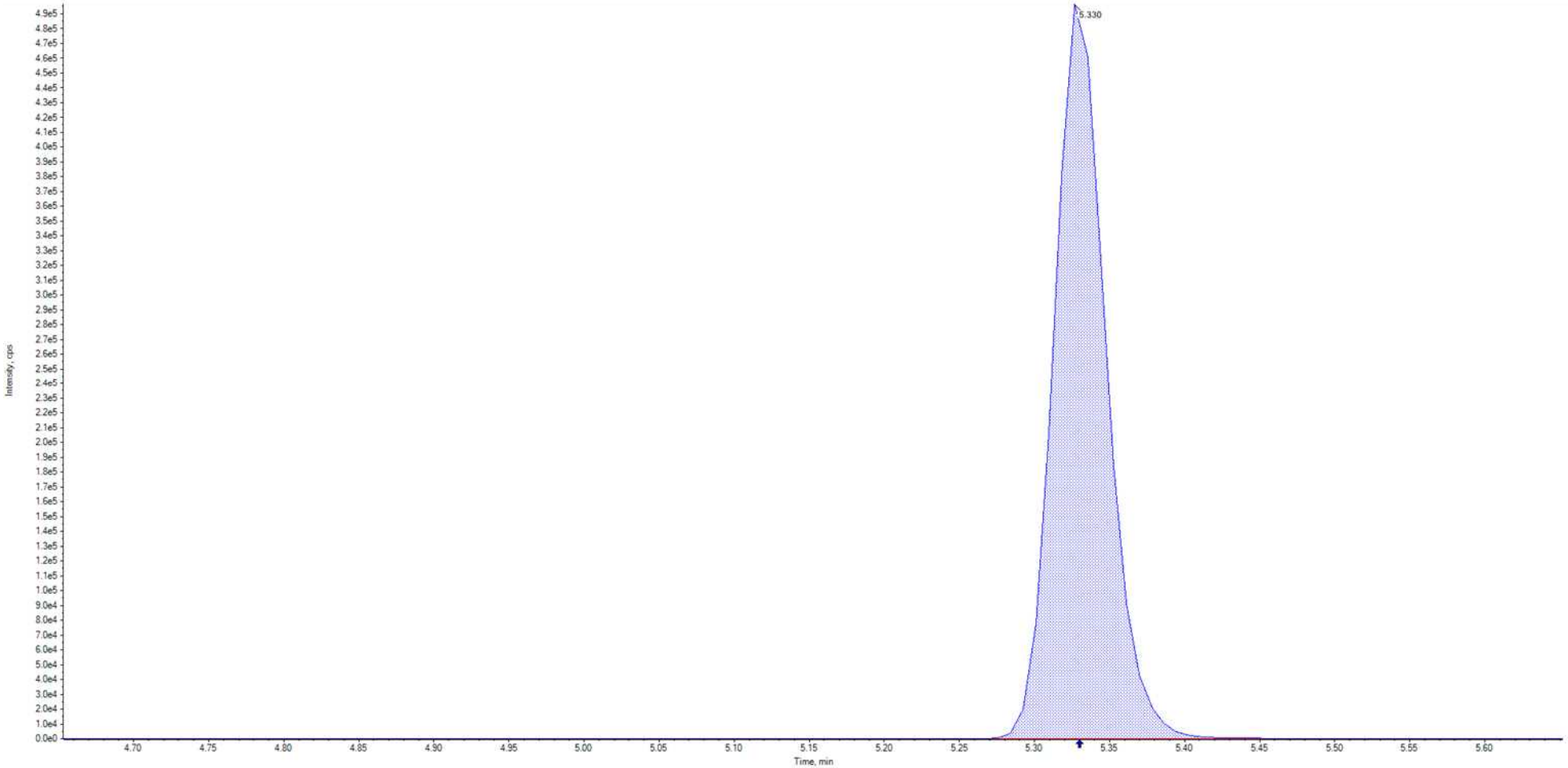
13C3-HFPO-DA
Sample: IA1633STD-.2



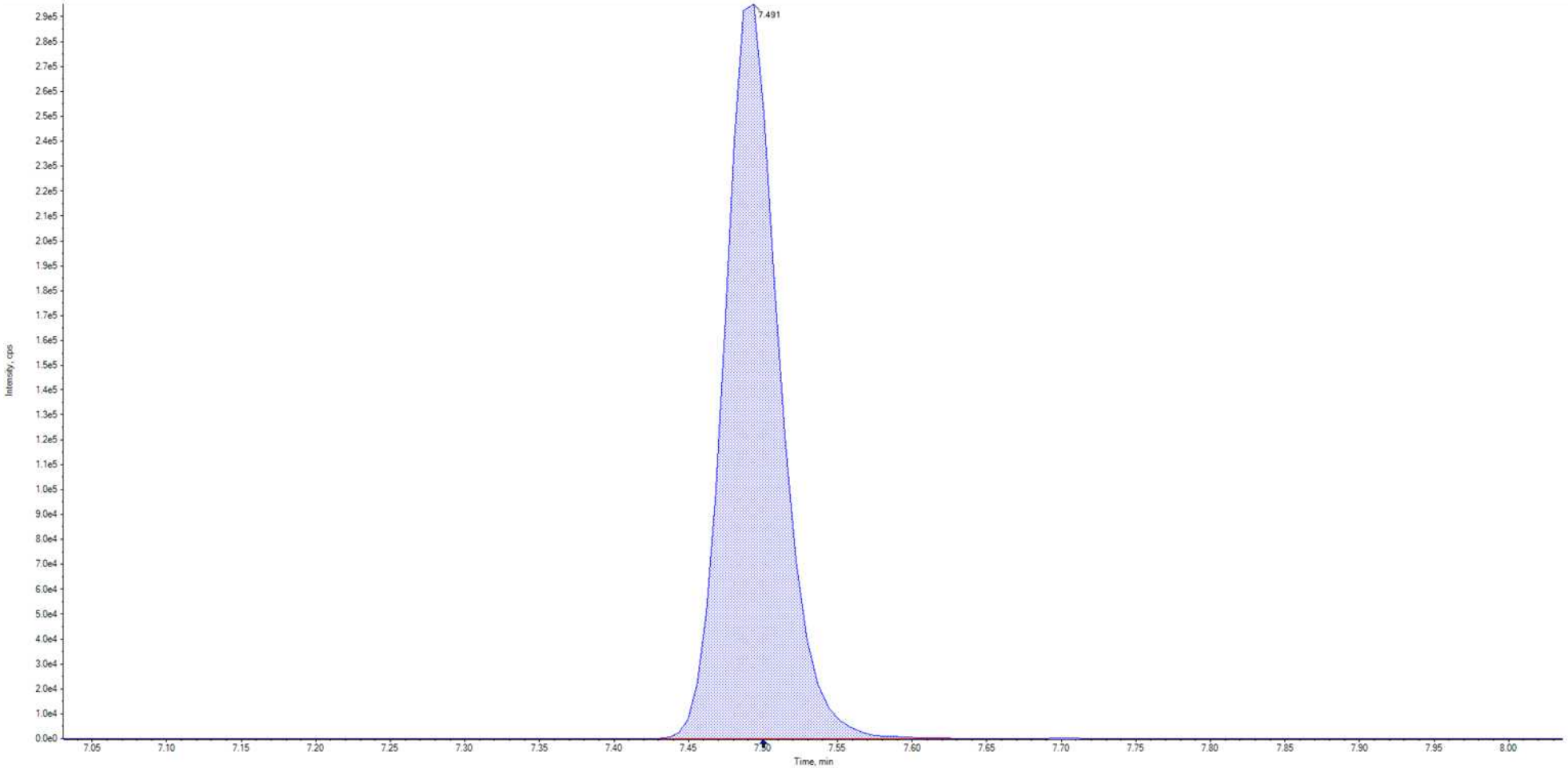
13C3-PFBA
Sample: IA1633STD-.2



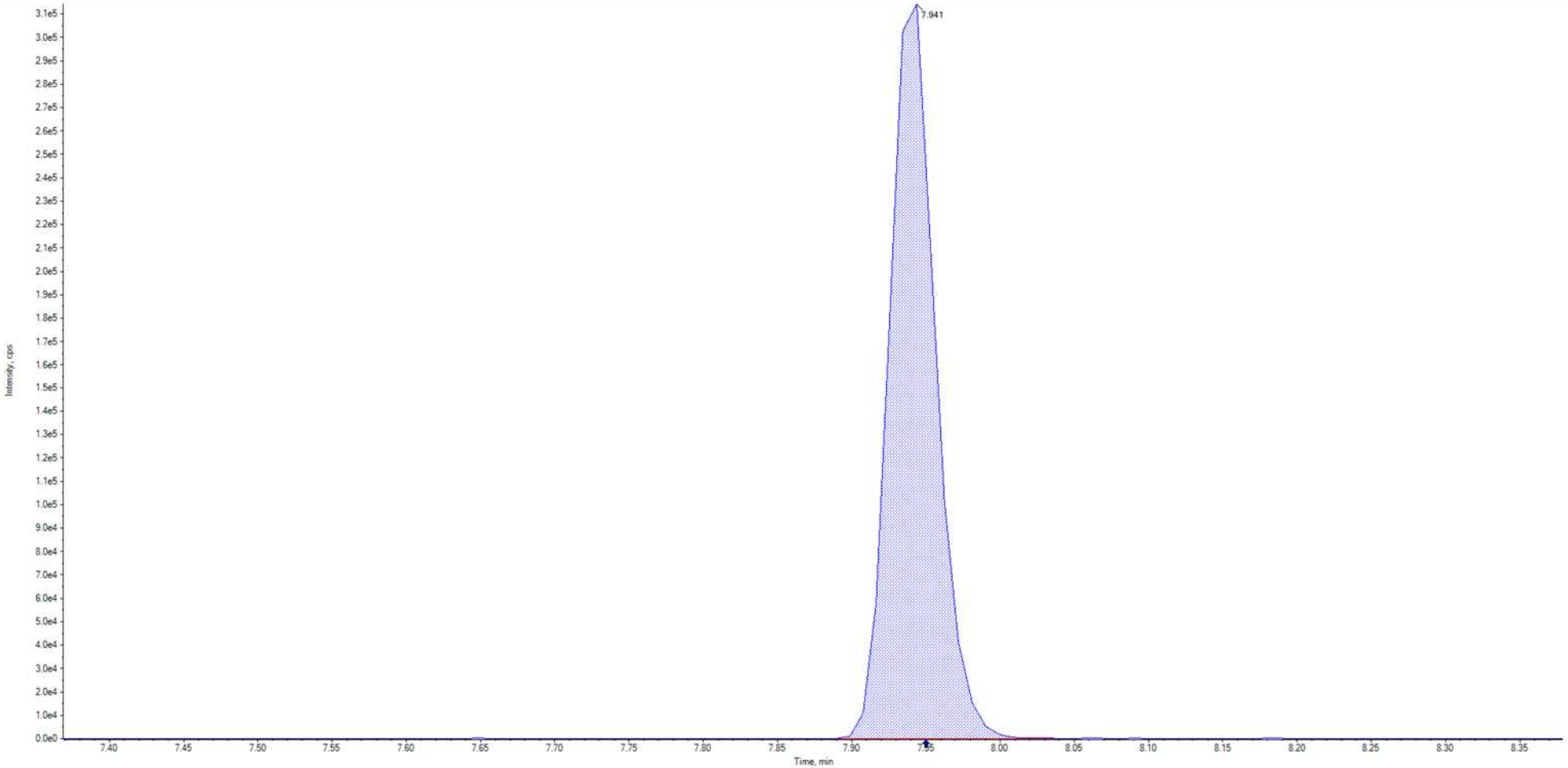
13C2-PFHxA
Sample: IA1633STD-.2



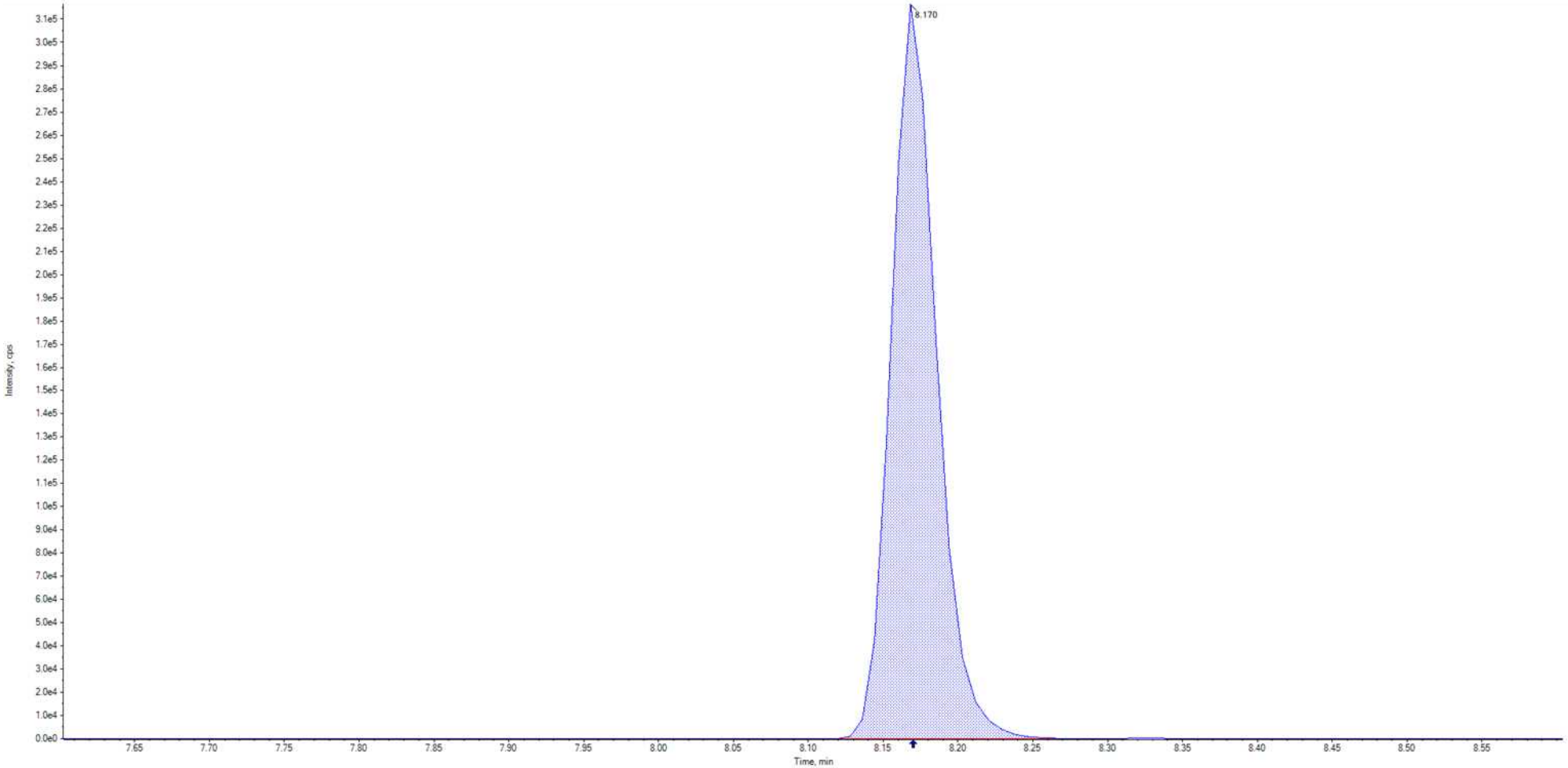
13C4-PFOA
Sample: IA1633STD-.2



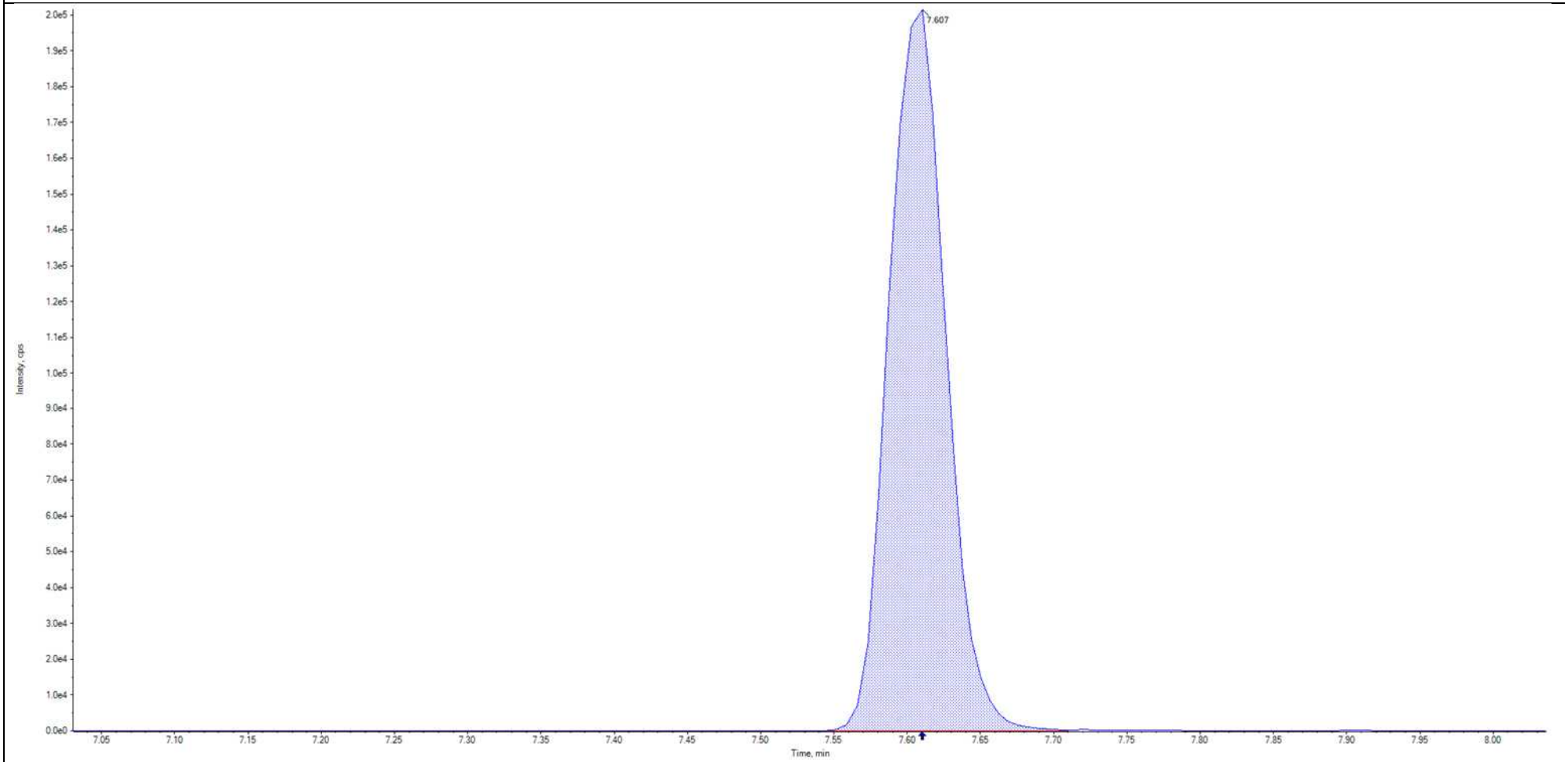
13C5-PFNA
Sample: IA1633STD-.2



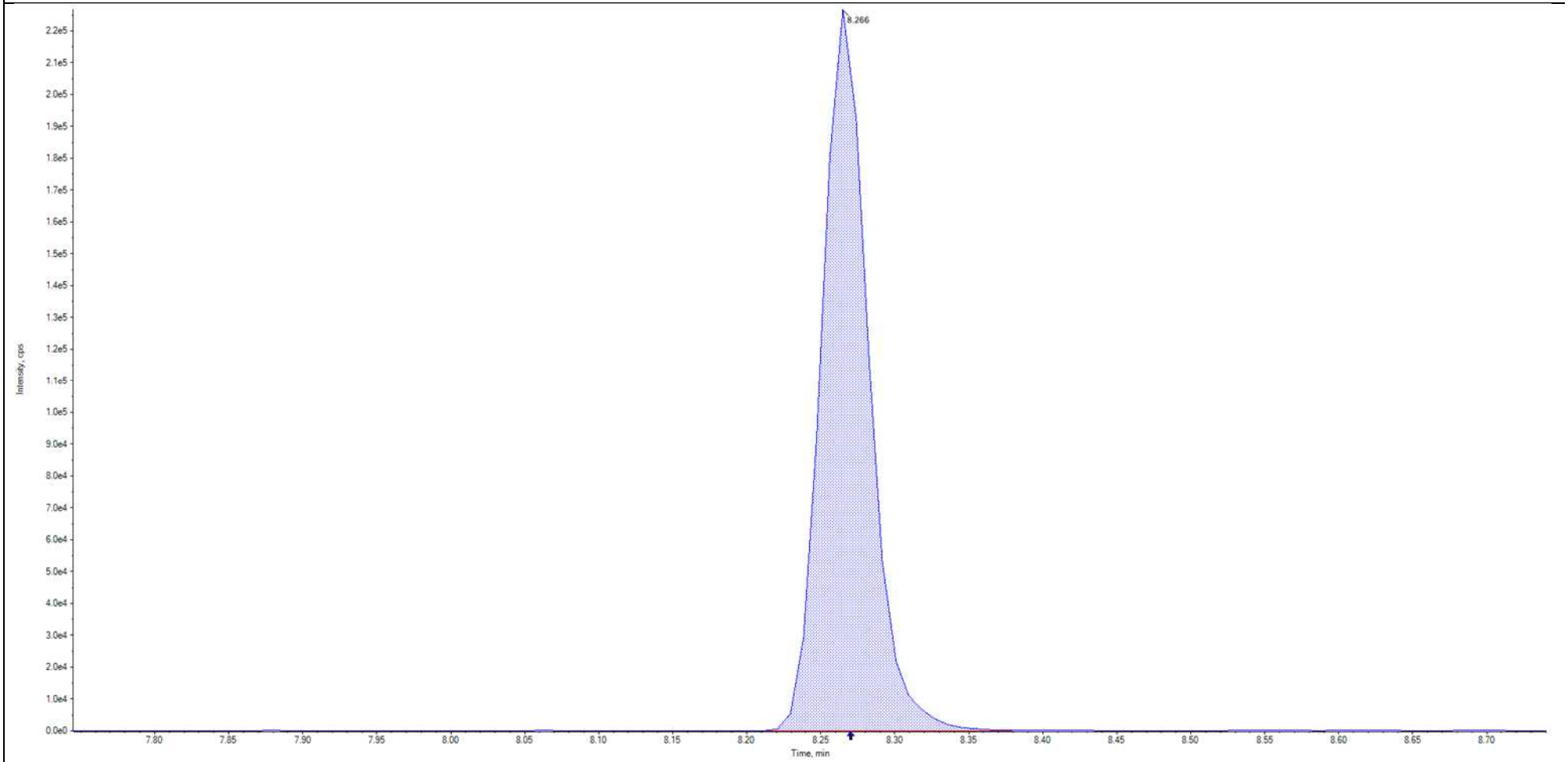
13C2-PFDA
Sample: IA1633STD-.2



18O2-PFHxS
Sample: IA1633STD-.2



13C4-PFOS
Sample: IA1633STD-.2



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: IA1633STD-.5
Name: SCI05_240813_73.wiff
Date & Time: 2024-08-13T22:15:52
Description: WG1958909,,,100 ul IA1633STD-5
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.89	213.0 / 169.0	392007		1.919	N/A	N/A	N/A	95.9
2	PFPeA	2706-90-3	4.64	263.0 / 219.0	285758		0.958	0.007	0.007	N/A	95.8
3	PFPeA_2	2706-90-3	4.64	263.0 / 68.9	2019		0.959	0.007	0.007	N/A	95.9
4	PFHxA	307-24-4	5.34	313.0 / 269.0	234525		0.465	0.076	0.072	Pass	93.0
5	PFHxA_2	307-24-4	5.34	313.0 / 119.0	17747		0.476	0.076	0.072	Pass	95.3
6	PFHpA	375-85-9	6.25	363.1 / 319.0	227673		0.472	0.306	0.297	Pass	94.3
7	PFHpA_2	375-85-9	6.25	363.1 / 169.0	69647		0.471	0.306	0.297	Pass	94.3

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.50	413.1 / 369.1	152387	M5	0.503	0.545	0.586	Pass	100.6
9	PFOA_2	335-67-1	7.50	413.1 / 169.0	83089	M7	0.501	0.545	0.586	Pass	100.1
10	PFNA	375-95-1	7.95	462.8 / 418.9	203035	M5	0.490	0.287	0.313	Pass	98.0
11	PFNA_2	375-95-1	7.95	462.8 / 218.9	58235	M7	0.460	0.287	0.313	Pass	91.9
12	PFDA	335-76-2	8.17	513.1 / 469.1	227128		0.464	0.165	0.142	Pass	92.9
13	PFDA_2	335-76-2	8.17	513.1 / 219.0	37449		0.511	0.165	0.142	Pass	102.2
14	PFUnA	2058-94-8	8.47	563.1 / 519.1	174087		0.494	0.188	0.194	Pass	98.9
15	PFUnA_2	2058-94-8	8.47	563.1 / 269.0	32692		0.479	0.188	0.194	Pass	95.9
16	PFDoA	307-55-1	8.90	613.1 / 569.1	178586		0.488	0.171	0.167	Pass	97.7
17	PFDoA_2	307-55-1	8.90	613.1 / 319.0	30494	M7	0.494	0.171	0.167	Pass	98.7
18	PFTrDA	72629-94-8	9.50	663.1 / 619.1	105929		0.486	0.231	0.228	Pass	97.2
19	PFTrDA_2	72629-94-8	9.50	663.1 / 169.0	24469		0.504	0.231	0.228	Pass	100.8
20	PFTeDA	376-06-7	9.91	713.1 / 669.1	186633		0.489	0.141	0.137	Pass	97.9
21	PFTeDA_2	376-06-7	9.90	713.1 / 169.0	26269	M7	0.504	0.141	0.137	Pass	100.7
22	PFBS	375-73-5	5.31	299.1 / 80.1	146551		0.430	0.397	0.396	Pass	96.9

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.31	299.1 / 99.1	58232		0.428	0.397	0.396	Pass	96.5
24	PFPeS	2706-91-4	6.34	349.1 / 80.1	120878		0.443	0.299	0.299	Pass	94.1
25	PFPeS_2	2706-91-4	6.34	349.1 / 99.1	36115		0.439	0.299	0.299	Pass	93.2
26	PFHxS	355-46-4	7.61	399.1 / 80.1	110263	M5	0.432	0.315	0.315	Pass	94.5
27	PFHxS_2	355-46-4	7.61	399.1 / 99.1	34678	M7	0.437	0.315	0.315	Pass	95.7
28	PFHpS	375-92-8	8.01	449.1 / 80.1	122492		0.469	0.277	0.287	Pass	98.4
29	PFHpS_2	375-92-8	8.01	449.1 / 99.1	33989		0.444	0.277	0.287	Pass	93.2
30	PFOS	1763-23-1	8.27	499.1 / 80.1	128413	M5	0.462	0.245	0.238	Pass	99.5
31	PFOS_2	1763-23-1	8.27	499.1 / 99.1	31451	M7	0.461	0.245	0.238	Pass	99.5
32	PFNS	68259-12-1	8.62	549.1 / 80.1	84849	M4	0.475	0.302	0.301	Pass	98.8
33	PFNS_2	68259-12-1	8.62	549.1 / 99.1	25659	M7	0.474	0.302	0.301	Pass	98.6
34	PFDS	335-77-3	9.14	599.1 / 80.1	79503	M7	0.452	0.275	0.275	Pass	93.7
35	PFDS_2	335-77-3	9.14	599.1 / 99.1	21897		0.452	0.275	0.275	Pass	93.6
36	PFDoS	79780-39-5	10.00	699.2 / 80.1	76105	M4	0.472	0.287	0.274	Pass	97.4
37	PFDoS_2	79780-39-5	10.00	699.2 / 99.1	21807	M7	0.493	0.287	0.274	Pass	101.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.14	327.1 / 307.1	214011		1.803	0.554	0.516	Pass	96.2
39	4:2FTS_2	757124-72-4	5.14	327.1 / 81.1	118560	M4	1.867	0.554	0.516	Pass	99.6
40	6:2FTS	27619-97-2	7.09	427.2 / 407.2	134548		1.838	0.533	0.565	Pass	96.7
41	6:2FTS_2	27619-97-2	7.09	427.2 / 81.1	71664		1.809	0.533	0.565	Pass	95.2
42	8:2FTS	39108-34-4	8.07	527.2 / 507.2	160030		1.926	0.685	0.662	Pass	100.3
43	8:2FTS_2	39108-34-4	8.07	527.2 / 81.1	109691		1.946	0.685	0.662	Pass	101.4
44	PFOSA	754-91-6	9.54	498.1 / 78.1	119348	M5	0.450	0.029	0.025	Pass	90.0
45	PFOSA_2	754-91-6	9.53	498.1 / 478.0	3448	M7	0.495	0.029	0.025	Pass	99.1
46	NMeFOSA	31506-32-8	10.16	512.2 / 219.0	30885	M5	0.453	1.577	1.551	Pass	90.6
47	NMeFOSA_2	31506-32-8	10.12	512.2 / 169.0	48697	M7	0.461	1.577	1.551	Pass	92.2
48	NEtFOSA	4151-50-2	10.37	526.2 / 219.0	31911	M5	0.474	1.358	1.285	Pass	94.8
49	NEtFOSA_2	4151-50-2	10.33	526.2 / 169.0	43351	M7	0.481	1.358	1.285	Pass	96.2
50	NMeFOSAA	2355-31-9	8.22	570.2 / 419.1	36814	M4	0.431	0.869	0.700	Pass	86.2
51	NMeFOSAA_2	2355-31-9	8.22	570.2 / 483.0	31999	M7	0.589	0.869	0.700	Pass	117.7
52	NEtFOSAA	2991-50-6	8.36	584.2 / 419.1	35871		0.510	0.399	0.487	Pass	101.9

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.36	584.2 / 526.2	14324		0.442	0.399	0.487	Pass	88.5
54	NMeFOSE	24448-09-7	10.08	616.1 / 58.9	543241	M5	4.729	N/A	N/A	N/A	94.6
55	NEtFOSE	1691-99-2	10.27	630.0 / 58.9	1009032	M5	4.782	N/A	N/A	N/A	95.6
56	HFPO-DA	13252-13-6	5.60	285.0 / 169.0	500246		2.057	0.433	0.464	Pass	102.8
57	HFPO-DA_2	13252-13-6	5.60	285.0 / 184.9	216697	M7	1.916	0.433	0.464	Pass	95.8
58	ADONA	919005-14-4	6.72	377.1 / 251.0	1036431		1.874	0.656	0.634	Pass	99.1
59	ADONA_2	919005-14-4	6.72	377.1 / 84.8	680001		1.900	0.656	0.634	Pass	100.5
60	9Cl-PF3ONS	756426-58-1	8.49	530.8 / 351.1	1064499		1.952	0.335	0.322	Pass	104.4
61	9Cl-PF3ONS_2	756426-58-1	8.49	532.8 / 353.0	356553		2.008	0.335	0.322	Pass	107.4
62	11Cl-PF3OUdS	763051-92-9	9.57	630.9 / 451.0	665847		1.933	0.328	0.331	Pass	102.3
63	11Cl-PF3OUdS_2	763051-92-9	9.57	632.9 / 452.9	218497		1.885	0.328	0.331	Pass	99.7
64	3:3FTCA	356-02-5	4.91	241.1 / 177.1	61750		2.387	1.043	1.074	Pass	95.5
65	3:3FTCA_2	356-02-5	4.91	241.1 / 117.0	64385		2.486	1.043	1.074	Pass	99.4
66	5:3FTCA	914637-49-3	7.16	341.1 / 237.1	1109466		12.128	0.945	0.953	Pass	97.0
67	5:3FTCA_2	914637-49-3	7.16	341.1 / 217.0	1047917		12.106	0.945	0.953	Pass	96.9

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.21	441.1 / 316.9	1148521		11.278	1.617	1.558	Pass	90.2
69	7:3FTCA_2	812-70-4	8.21	441.1 / 337.1	1857506		12.569	1.617	1.558	Pass	100.6
70	PFEESA	113507-82-7	5.71	315.1 / 135.0	748553		0.856	0.088	0.087	Pass	96.1
71	PFEESA_2	113507-82-7	5.71	315.1 / 82.9	65578		0.868	0.088	0.087	Pass	97.5
72	PFMPA	377-73-1	3.85	229.0 / 85.0	33877		0.939	N/A	N/A	N/A	93.9
73	PFMBA	863090-89-5	4.87	279.0 / 85.0	470133		0.966	N/A	N/A	N/A	96.6
74	NFDHA	151772-58-6	5.25	295.0 / 201.0	88598		0.962	0.958	0.910	Pass	96.2
75	NFDHA_2	151772-58-6	5.25	295.0 / 84.9	84861		1.005	0.958	0.910	Pass	100.5
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.12	333.2 / 312.1	866893		4.768	N/A	N/A	N/A	95.4
79	13C2-PFOA	Surr	7.49	415.0 / 370.0	3205026		2.482	N/A	N/A	N/A	99.3

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2519393		10.159	NA	NA	NA	101.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1617019		4.933	NA	NA	NA	98.7
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	1034641		2.403	NA	NA	NA	96.1
	13C4-PFHpA	EIS	6.24	367.0 / 322.0	1030480		2.390	NA	NA	NA	95.6
	13C8-PFOA	EIS	7.49	421.0 / 376.0	1455337		2.496	NA	NA	NA	99.8
	13C9-PFNA	EIS	7.94	472.0 / 427.0	707850		1.246	NA	NA	NA	99.7
	13C6-PFDA	EIS	8.17	519.0 / 474.0	709382		1.281	NA	NA	NA	102.5
	13C7-PFUnA	EIS	8.46	570.0 / 525.0	556914		1.243	NA	NA	NA	99.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.89	615.1 / 570.0	351491		1.206	NA	NA	NA	96.5
	13C2-PFTeDA	EIS	9.90	715.1 / 670.1	380510		1.202	NA	NA	NA	96.2
	13C3-PFBS	EIS	5.31	302.1 / 80.1	813176		2.400	NA	NA	NA	103.0
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	639932		2.378	NA	NA	NA	100.4
	13C8-PFOS	EIS	8.26	507.1 / 80.1	677209		2.489	NA	NA	NA	103.9
	13C2-4:2FTS	EIS	5.13	329.1 / 81.1	284068		4.698	NA	NA	NA	100.2
	13C2-6:2FTS	EIS	7.09	429.2 / 81.1	212236		4.790	NA	NA	NA	100.7
	13C2-8:2FTS	EIS	8.07	529.2 / 81.1	314742		4.854	NA	NA	NA	101.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	992163		2.743	NA	NA	NA	109.7
	d3-NMeFOSA	EIS	10.15	515.2 / 219.0	159207		2.615	NA	NA	NA	104.6
	d5-NEtFOSA	EIS	10.36	531.2 / 219.0	153264		2.576	NA	NA	NA	103.1
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	649448		4.718	NA	NA	NA	94.4
	d5-NEtFOSAA	EIS	8.35	589.3 / 419.1	377461		5.217	NA	NA	NA	104.3
	d7-NMeFOSE	EIS	10.06	623.2 / 58.9	1164100		24.754	NA	NA	NA	99.0
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1797462		25.924	NA	NA	NA	103.7

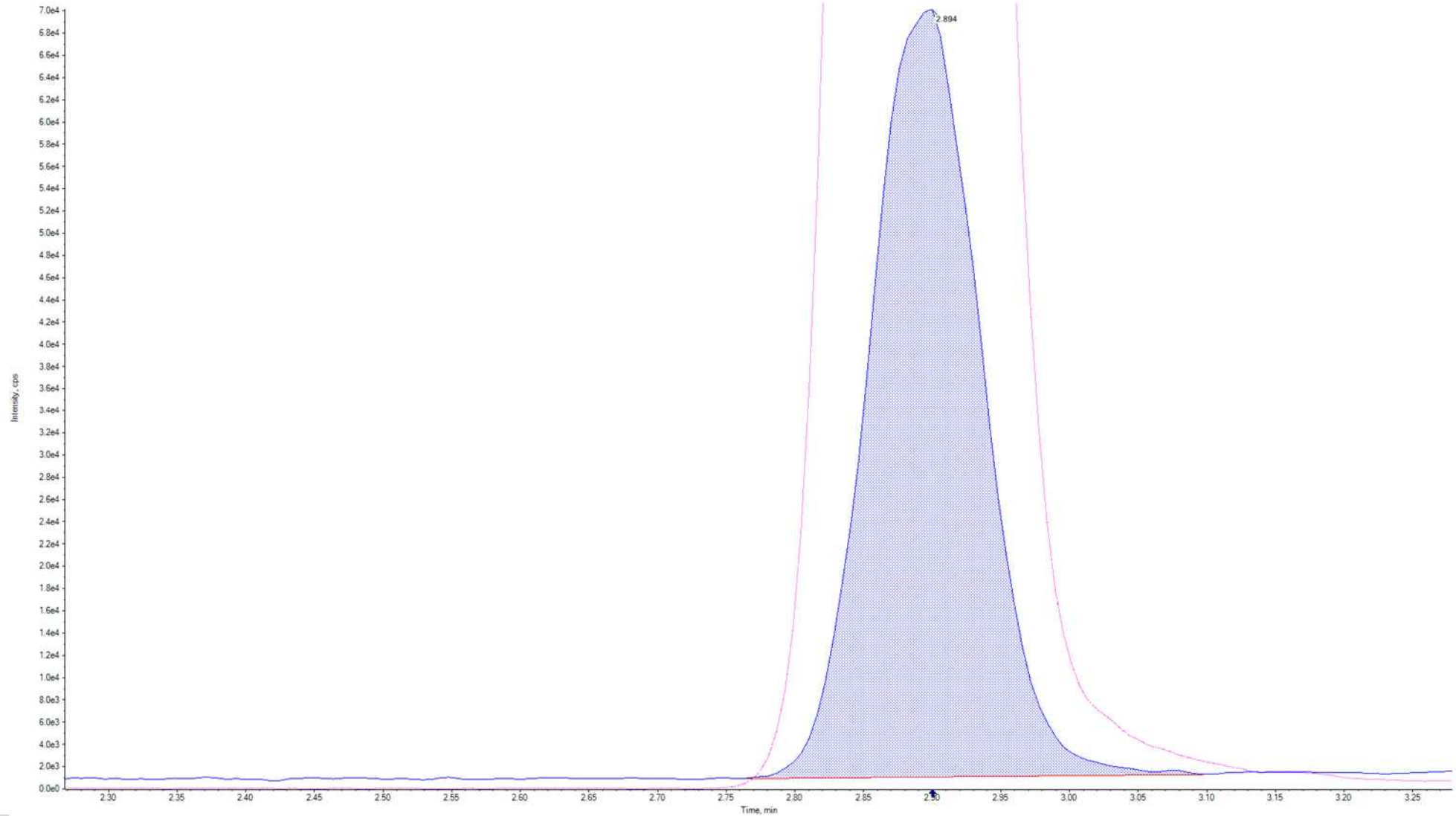
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.59	287.0 / 169.0	2653121		9.297	NA	NA	NA	93.0
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1084806		5.073	NA	NA	NA	101.5
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1278491		2.611	NA	NA	NA	104.4
	13C4-PFOA	NIS	7.49	417.0 / 372.0	762872		2.437	NA	NA	NA	97.5
	13C5-PFNA	NIS	7.94	468.0 / 423.0	692195		1.264	NA	NA	NA	101.1
	13C2-PFDA	NIS	8.17	515.1 / 470.1	650593		1.270	NA	NA	NA	101.6
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	546904		2.334	NA	NA	NA	98.5
	13C4-PFOS	NIS	8.26	503.1 / 80.1	481323		2.286	NA	NA	NA	95.5

Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

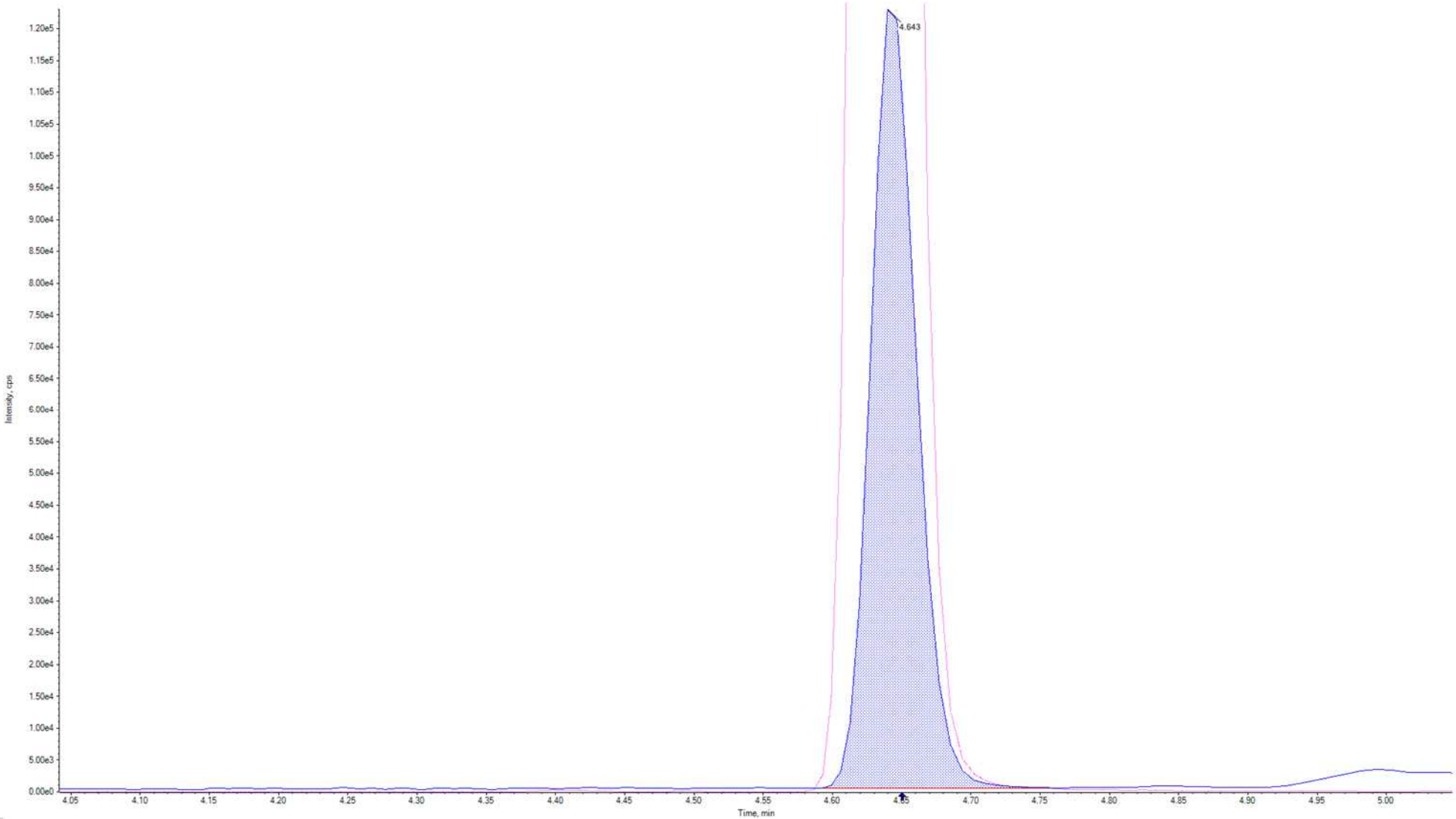
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFBA
Sample: IA1633STD-.5 S/N:791.0 Points Across peak:59



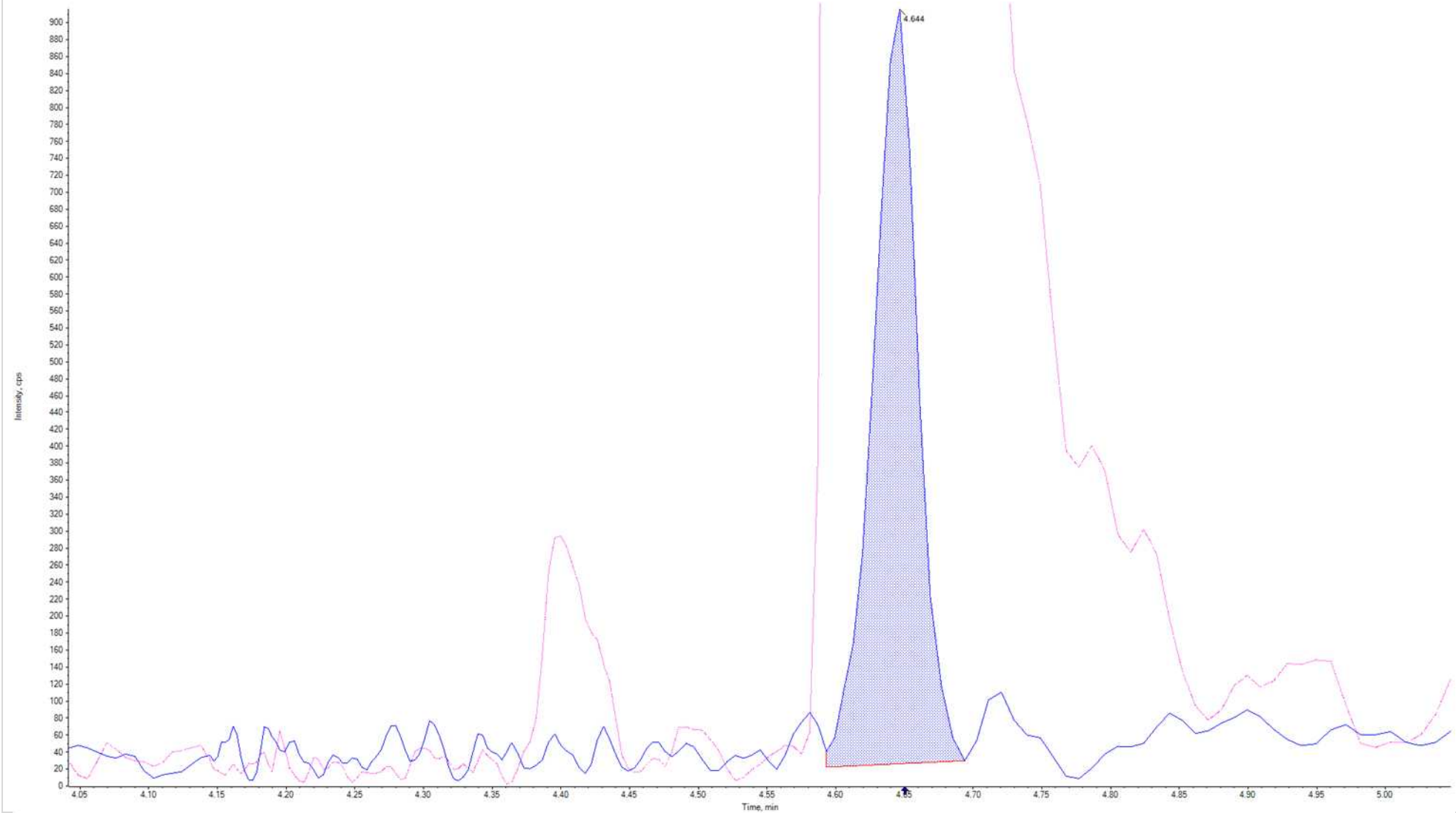
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFPeA
Sample: IA1633STD-.5 S/N:1220.7 Points Across peak:26



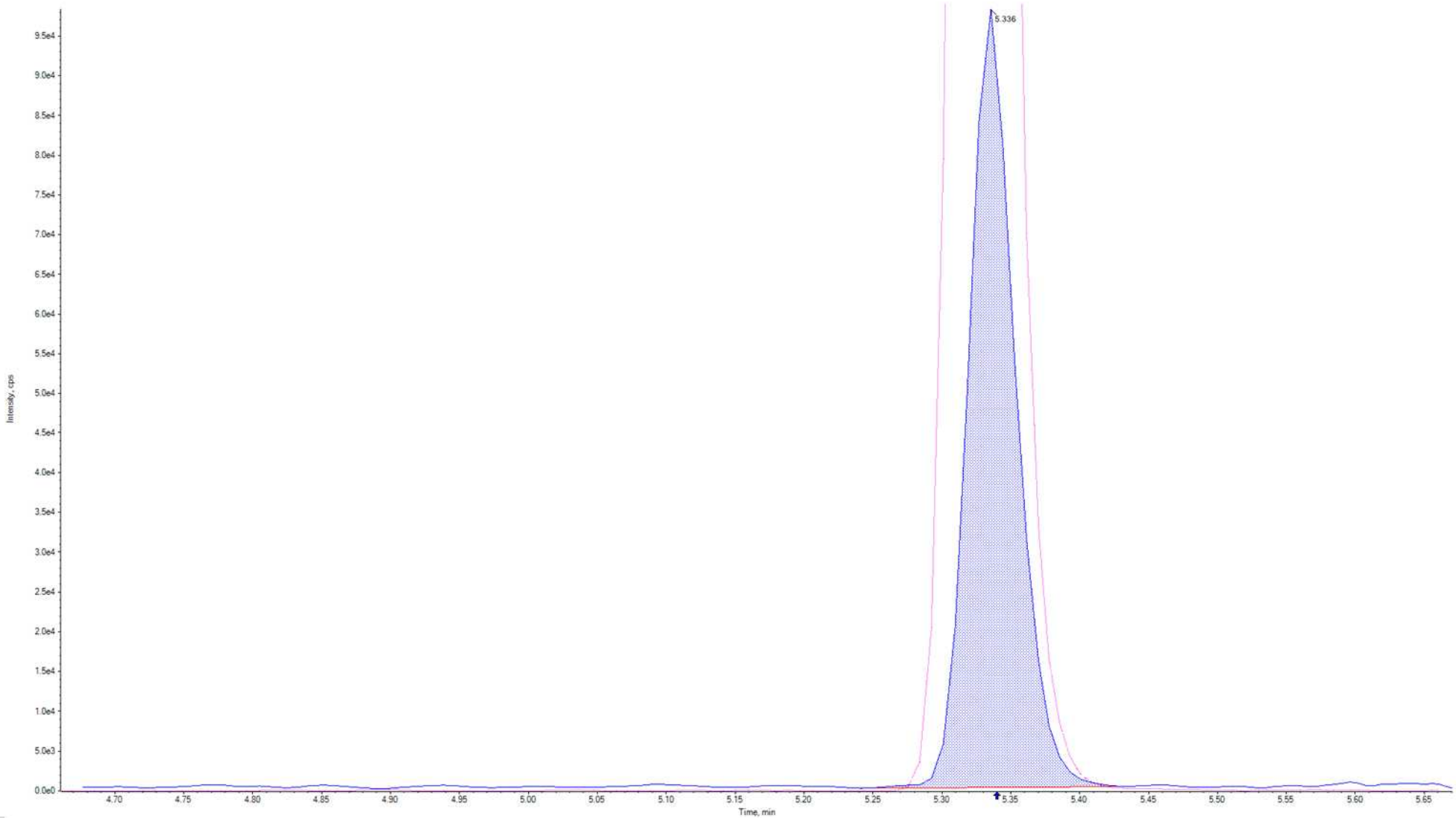
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFPeA_2
Sample: IA1633STD-.5 S/N:183.7 Points Across peak:15



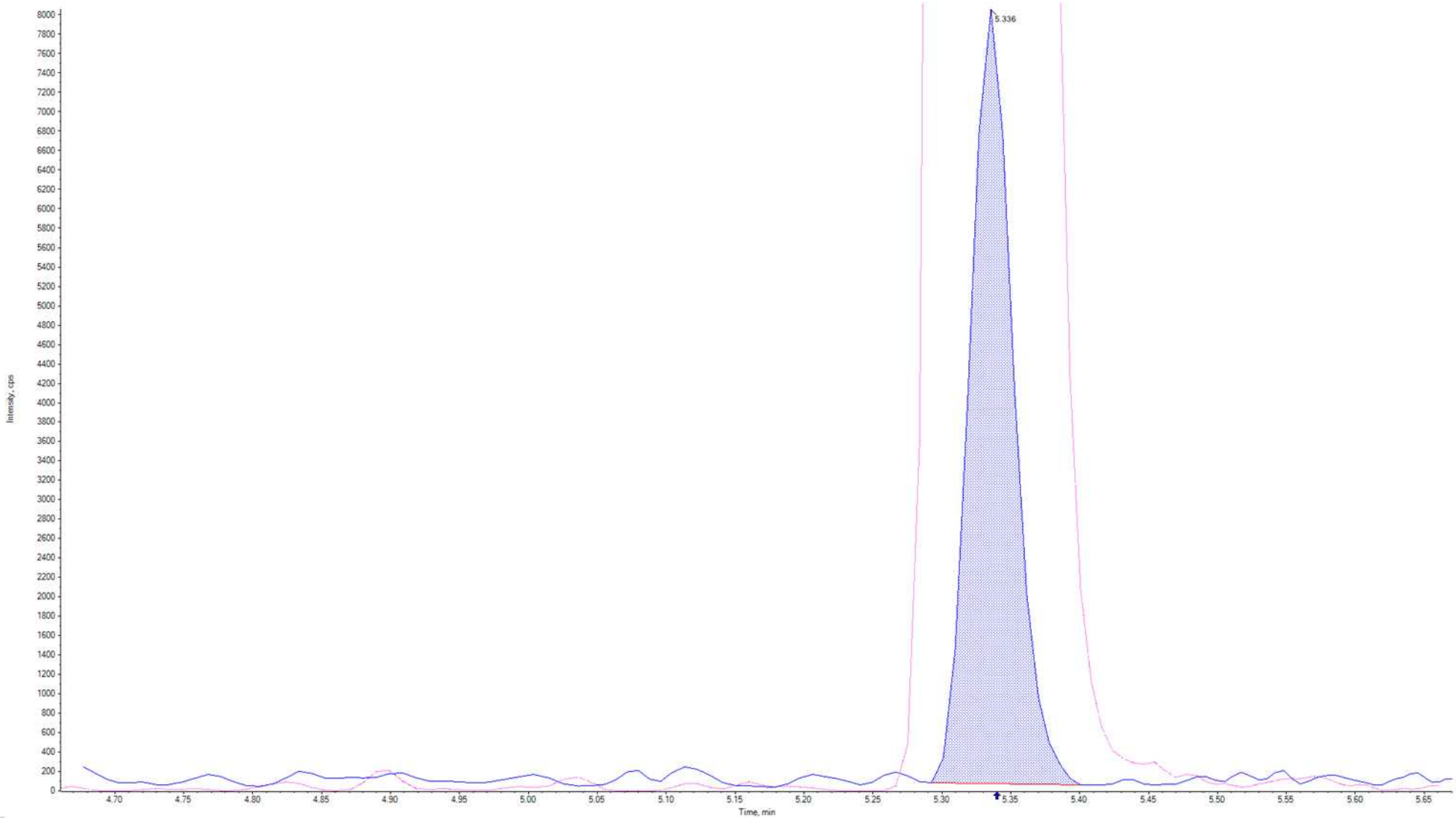
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFHxA
Sample: IA1633STD-.5 S/N:715.9 Points Across peak:24



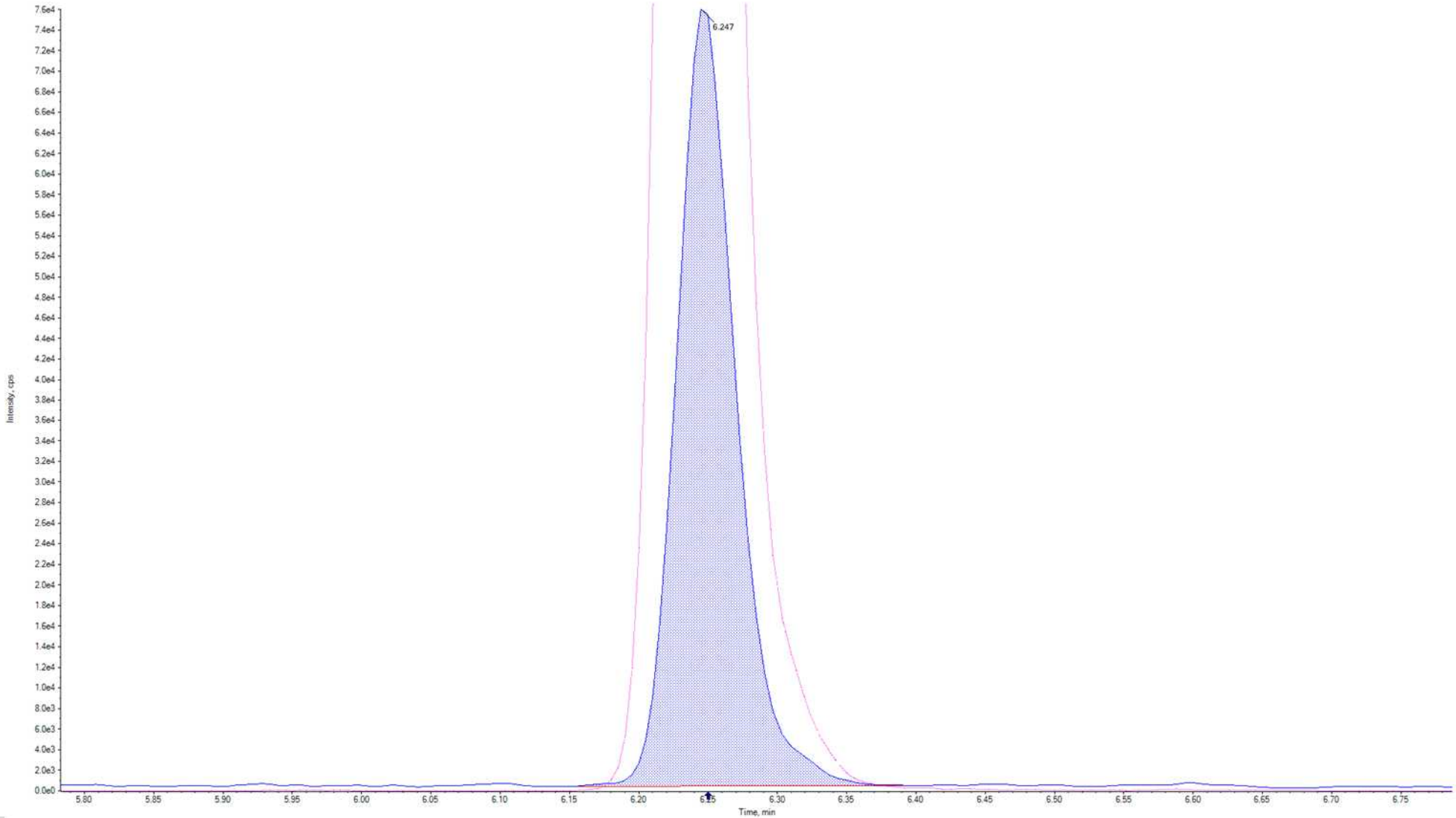
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFHxA_2
Sample: IA1633STD-.5 S/N:312.1 Points Across peak:14



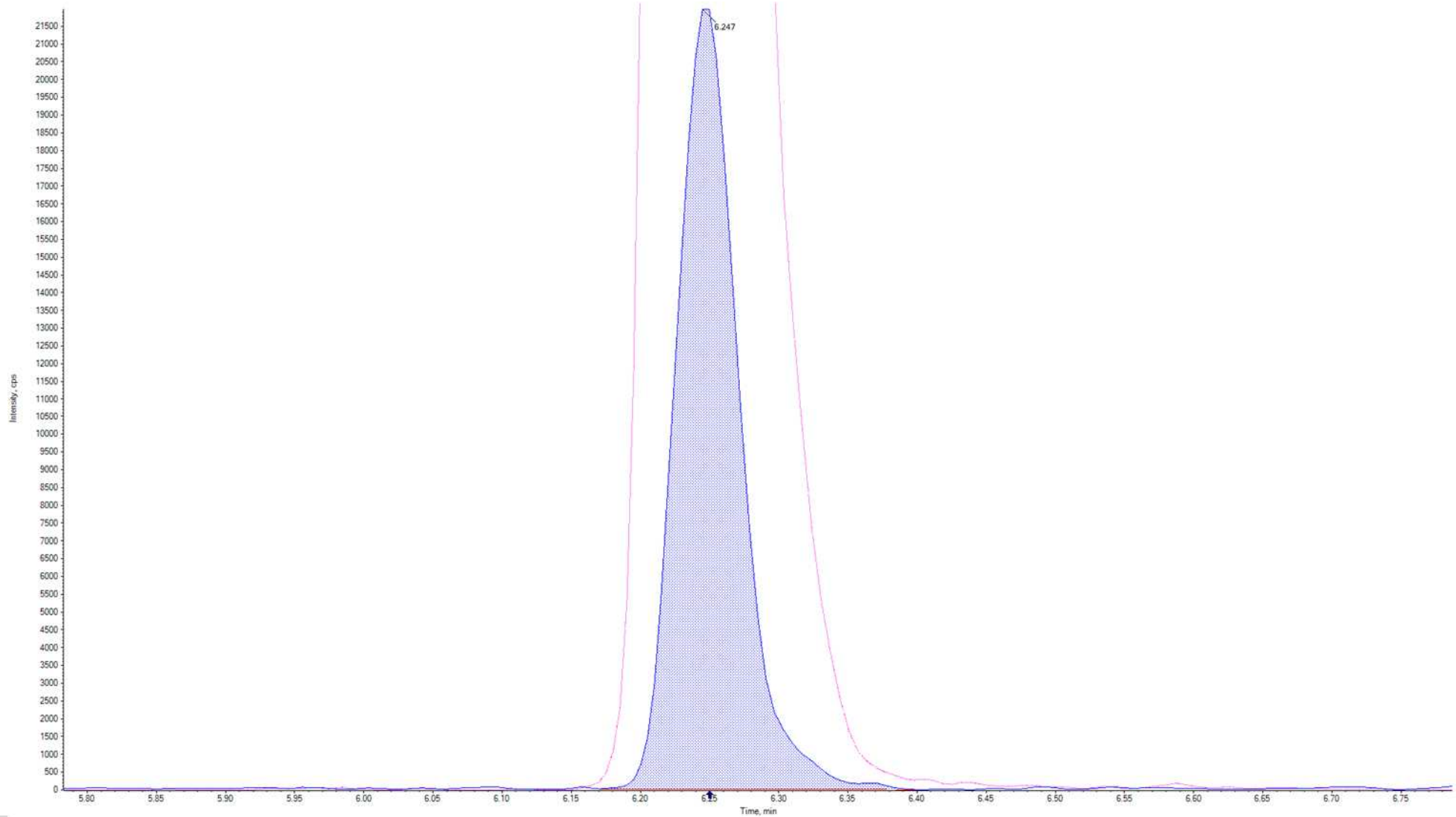
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFHpA
Sample: IA1633STD-.5 S/N:1127.8 Points Across peak:45



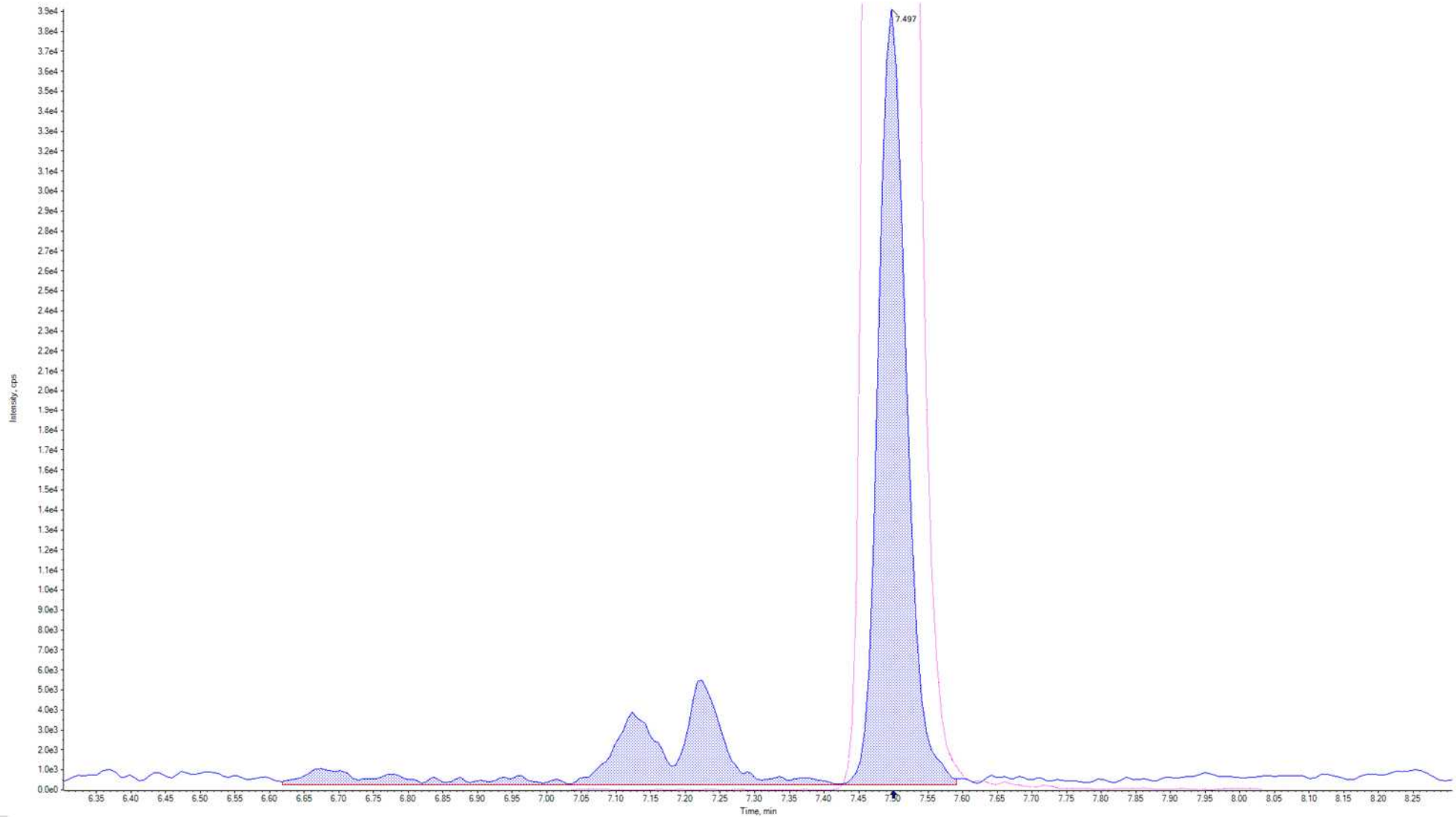
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFHpA_2
Sample: IA1633STD-.5 S/N:2667.2 Points Across peak:41



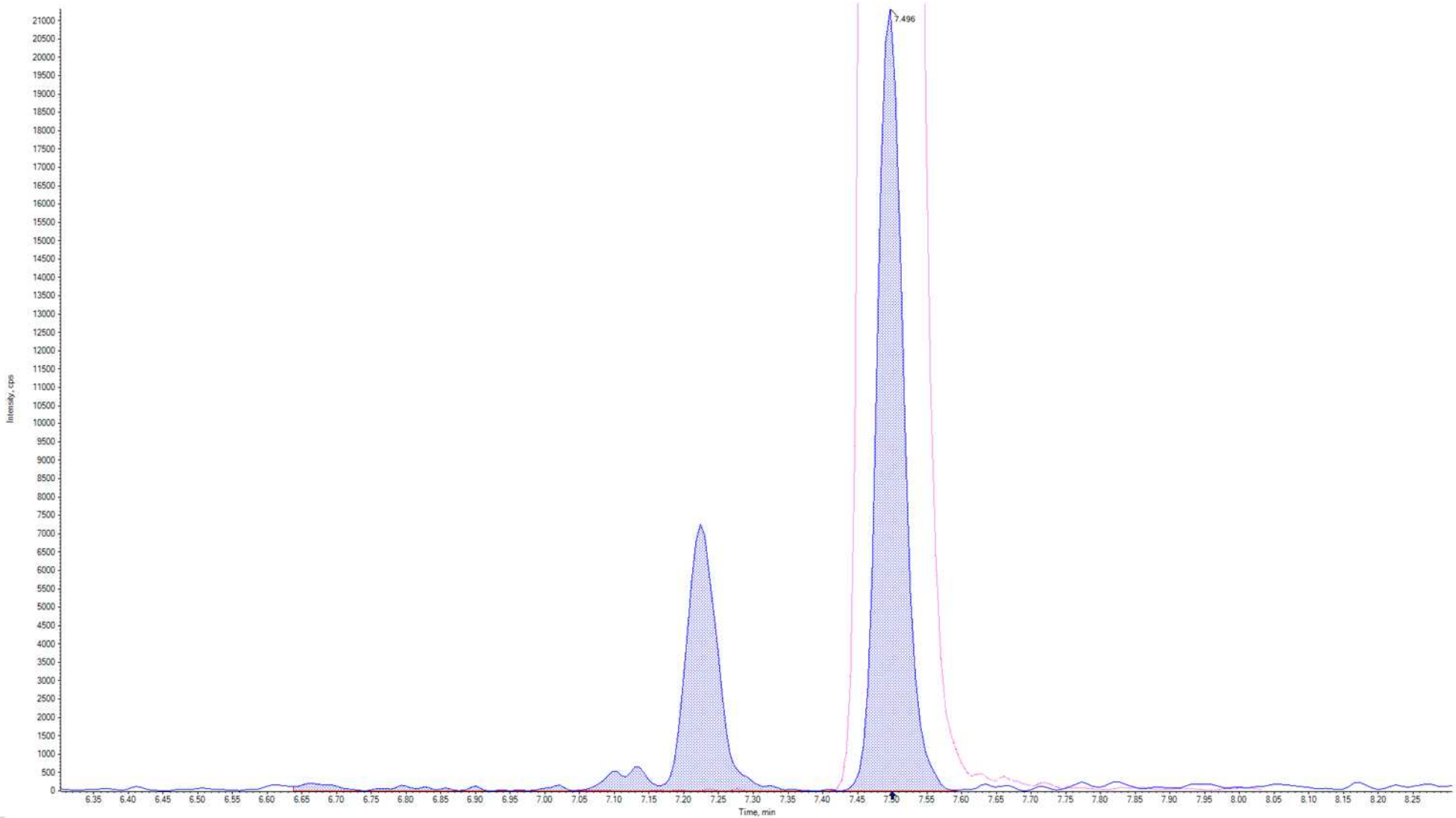
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFOA
Sample: IA1633STD-.5 S/N:595.2 Points Across peak:149



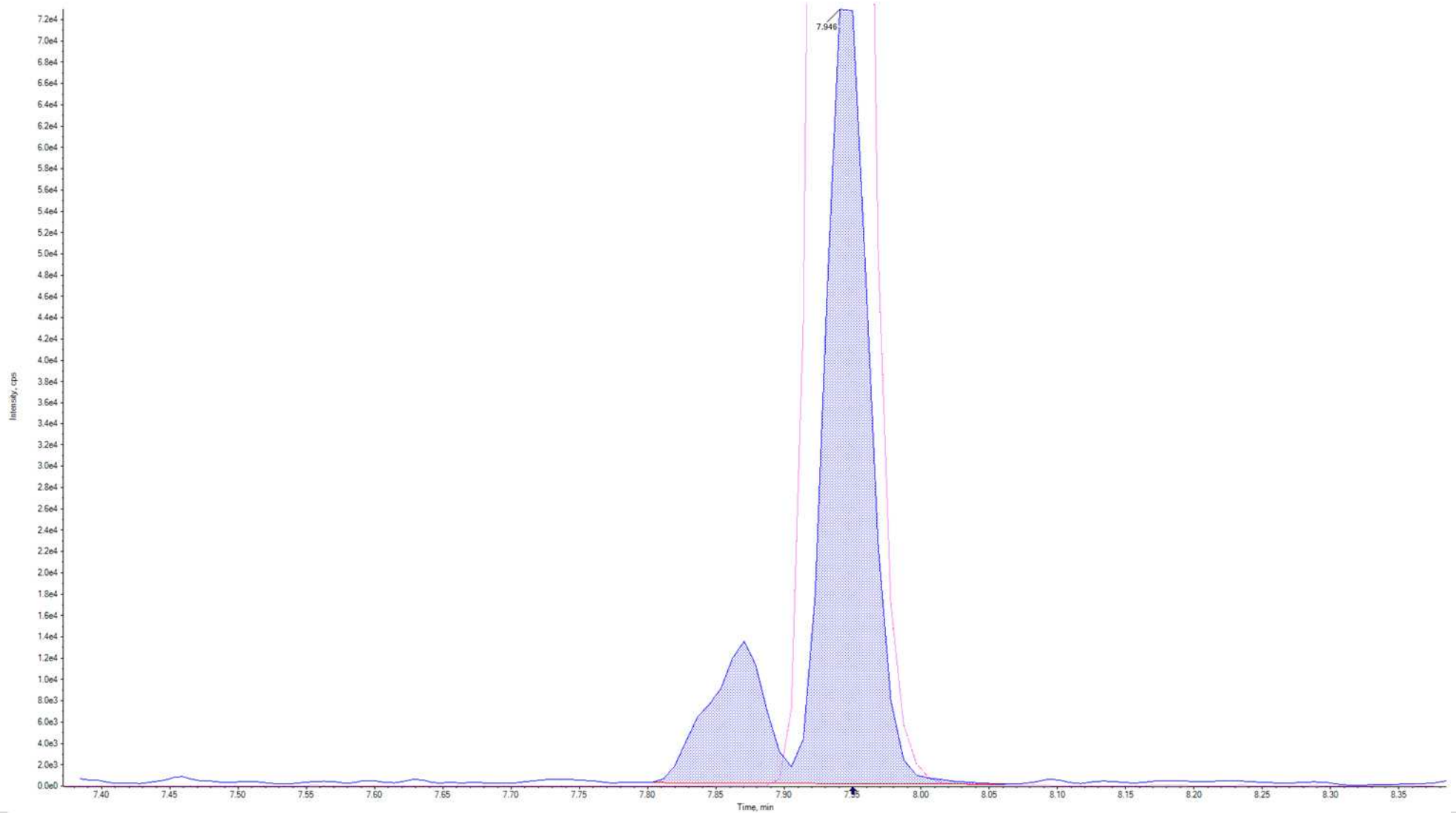
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFOA_2
Sample: IA1633STD-.5 S/N:7540.9 Points Across peak:148



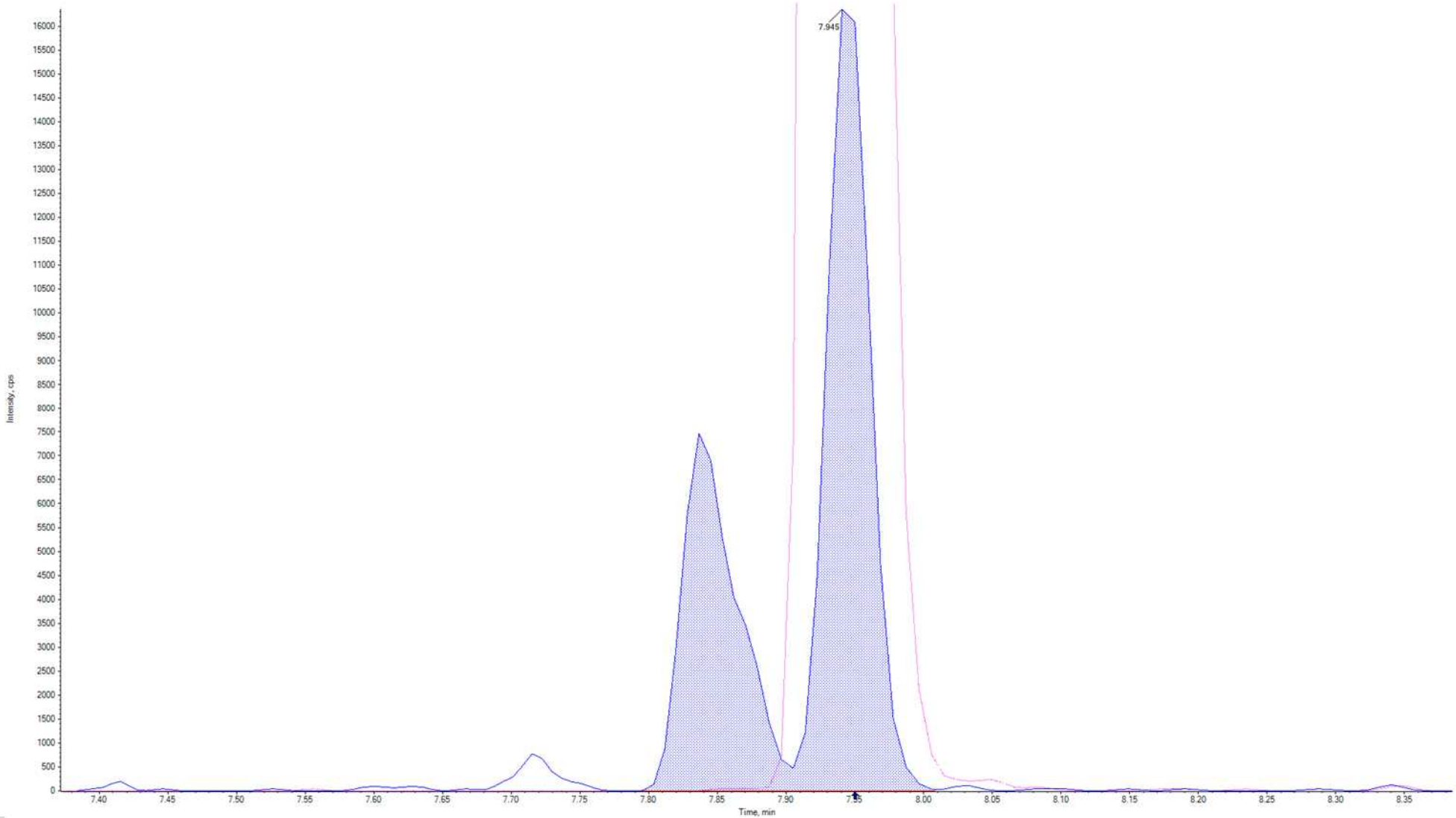
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFNA
Sample: IA1633STD-.5 S/N:709.4 Points Across peak:32



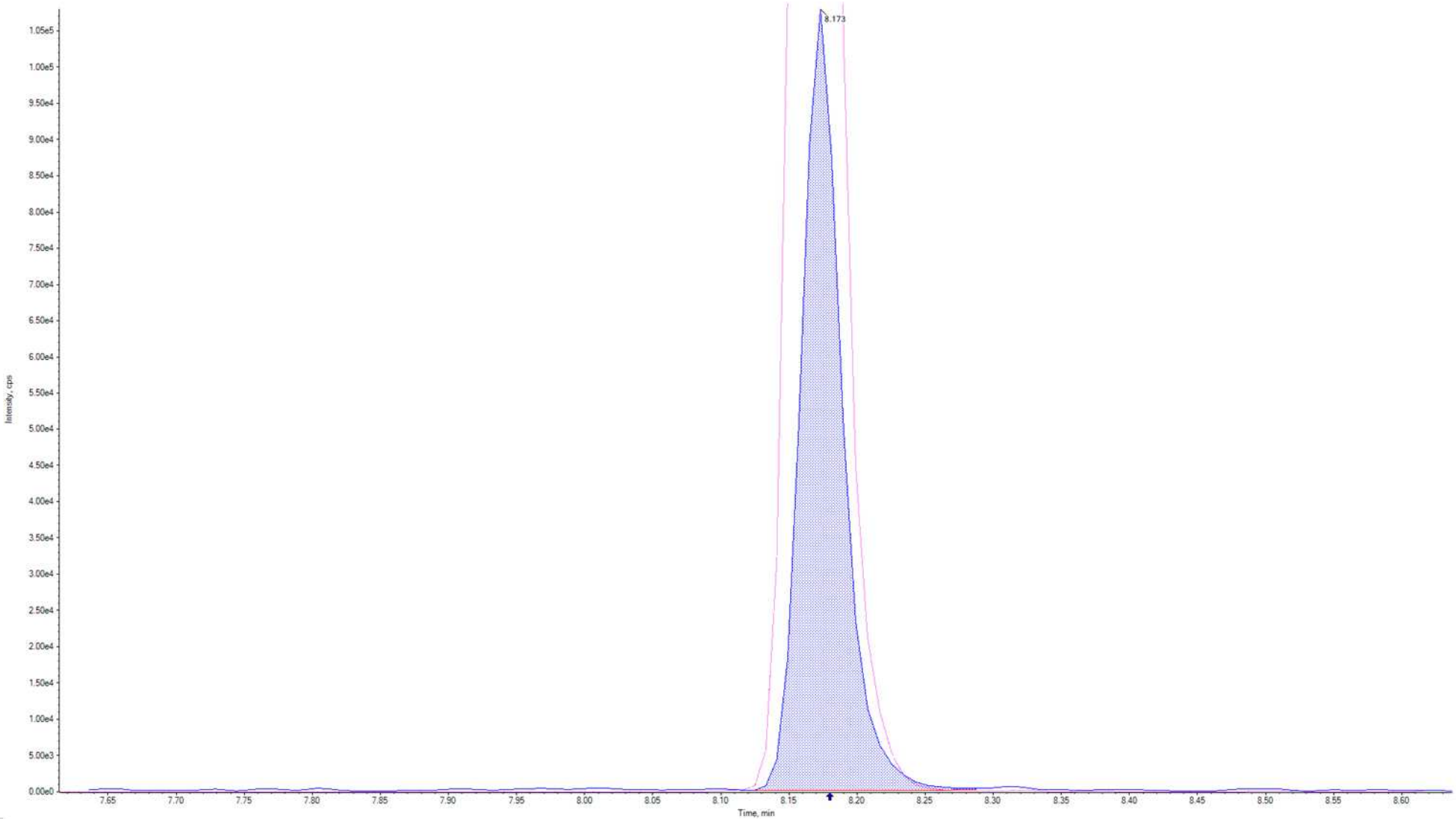
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFNA_2
Sample: IA1633STD-.5 S/N:163954.4 Points Across peak:27



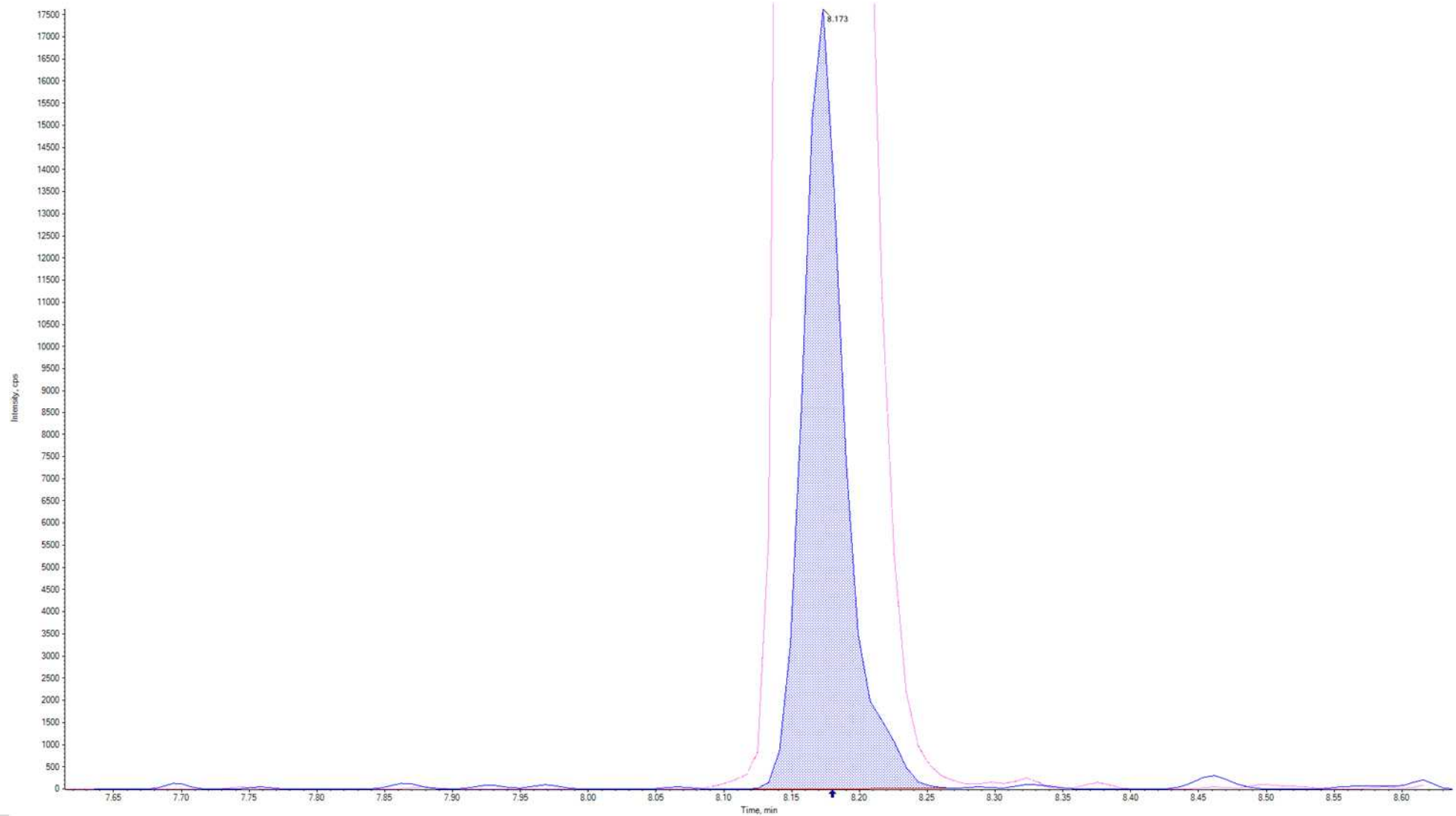
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDA
Sample: IA1633STD-.5 S/N:1669.0 Points Across peak:21



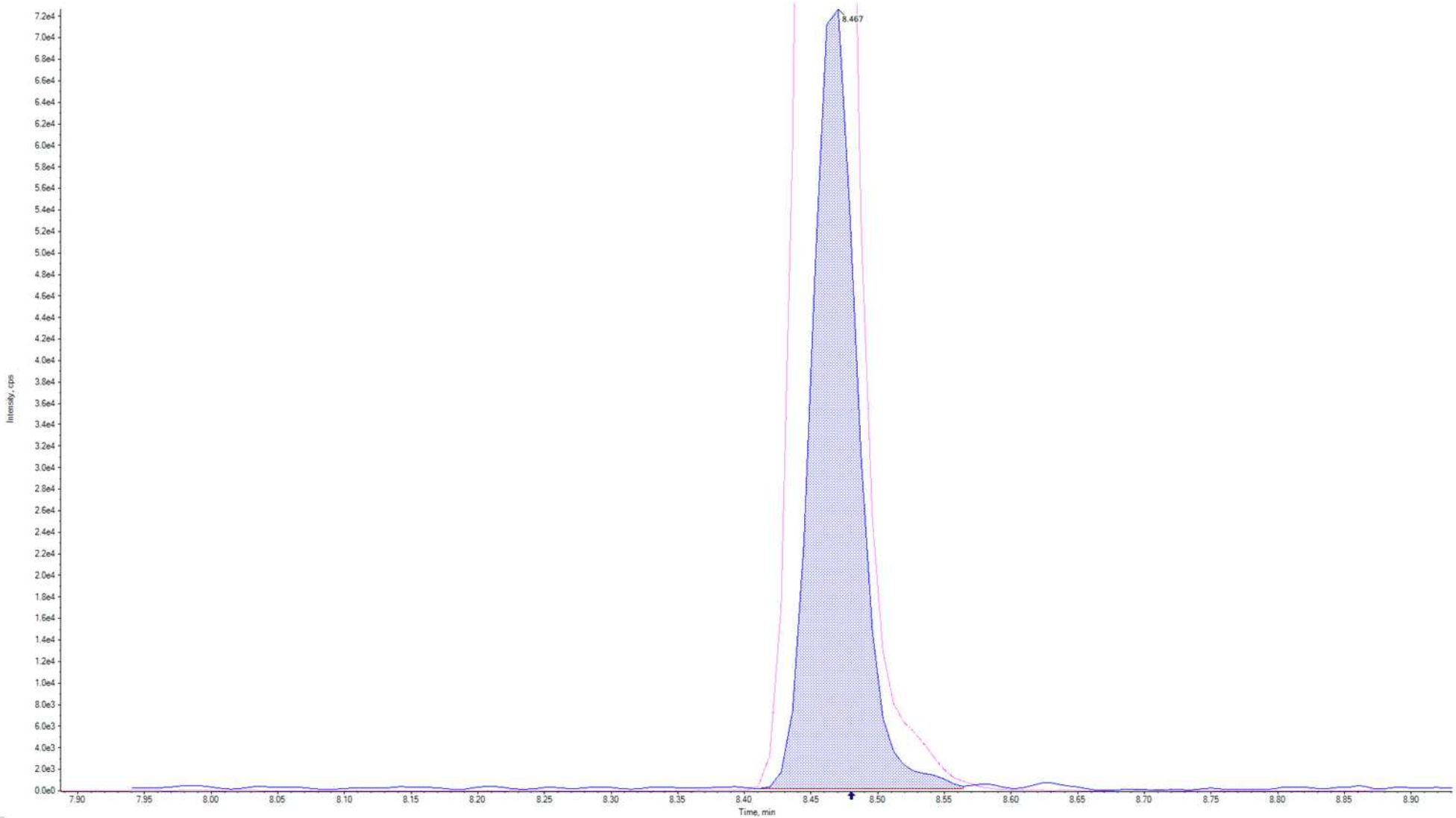
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDA_2
Sample: IA1633STD-.5 S/N:678.1 Points Across peak:20



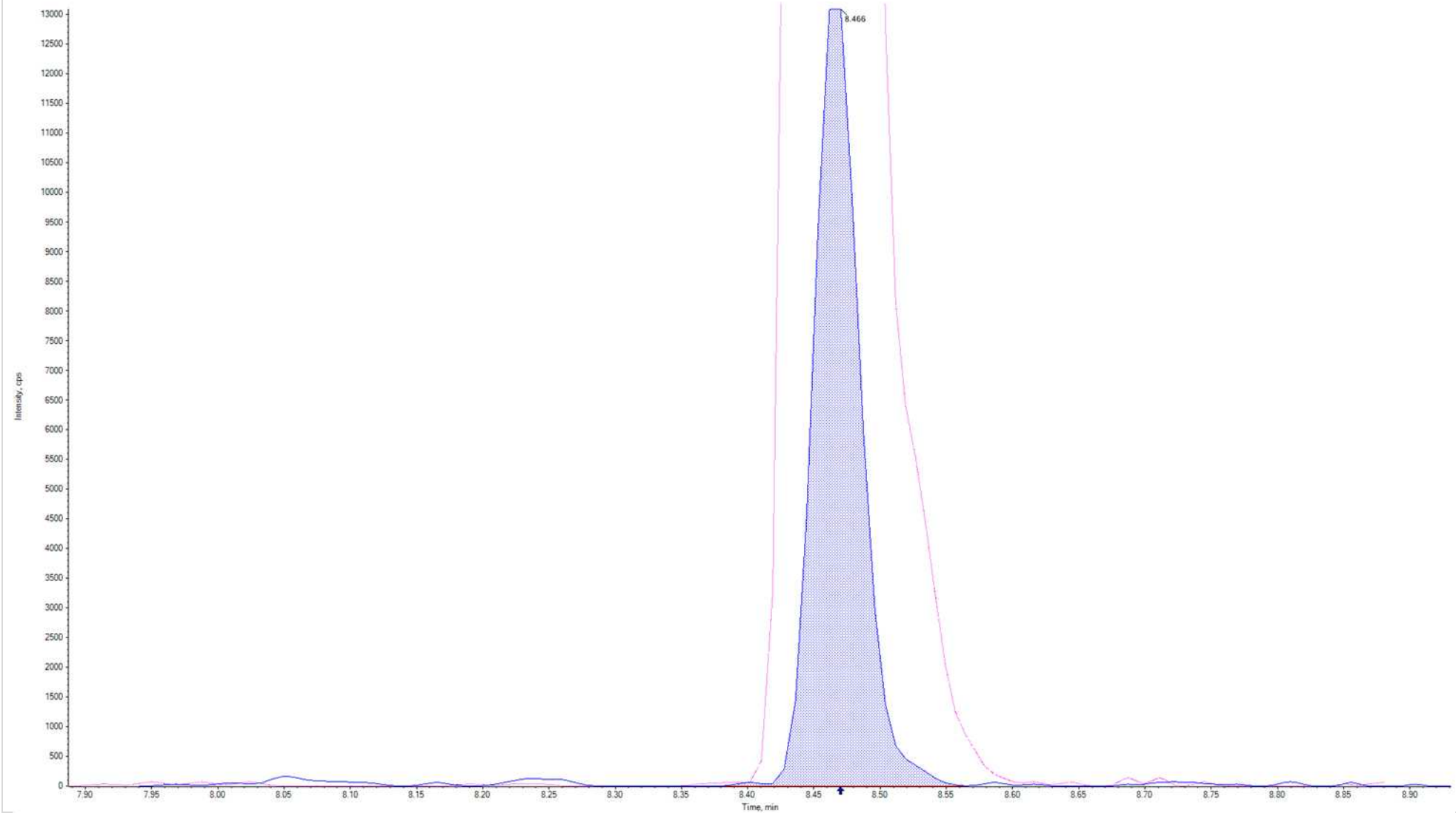
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA
Sample: IA1633STD-.5 S/N:1324.0 Points Across peak:20



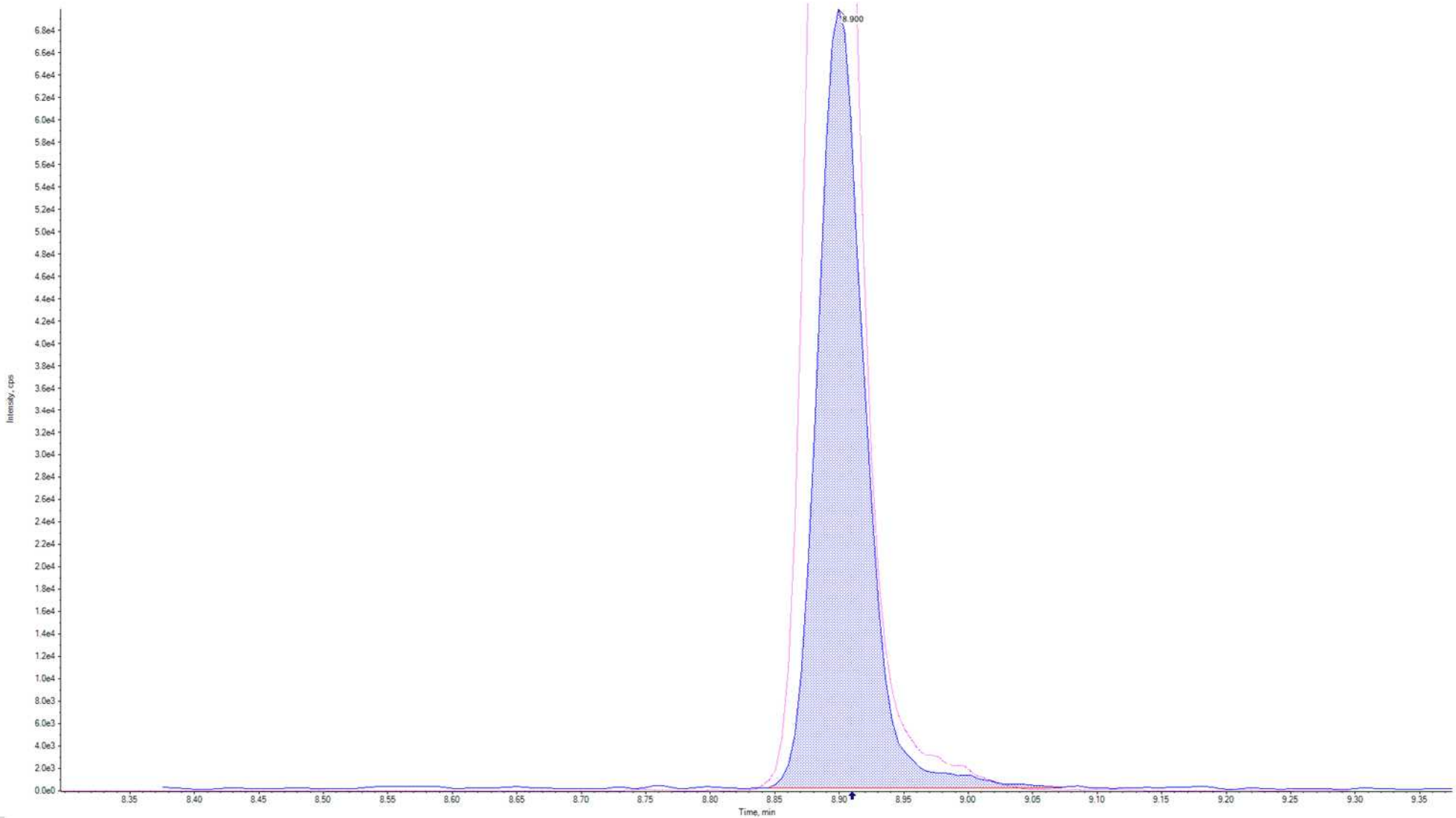
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA_2
Sample: IA1633STD-.5 S/N:679.0 Points Across peak:25



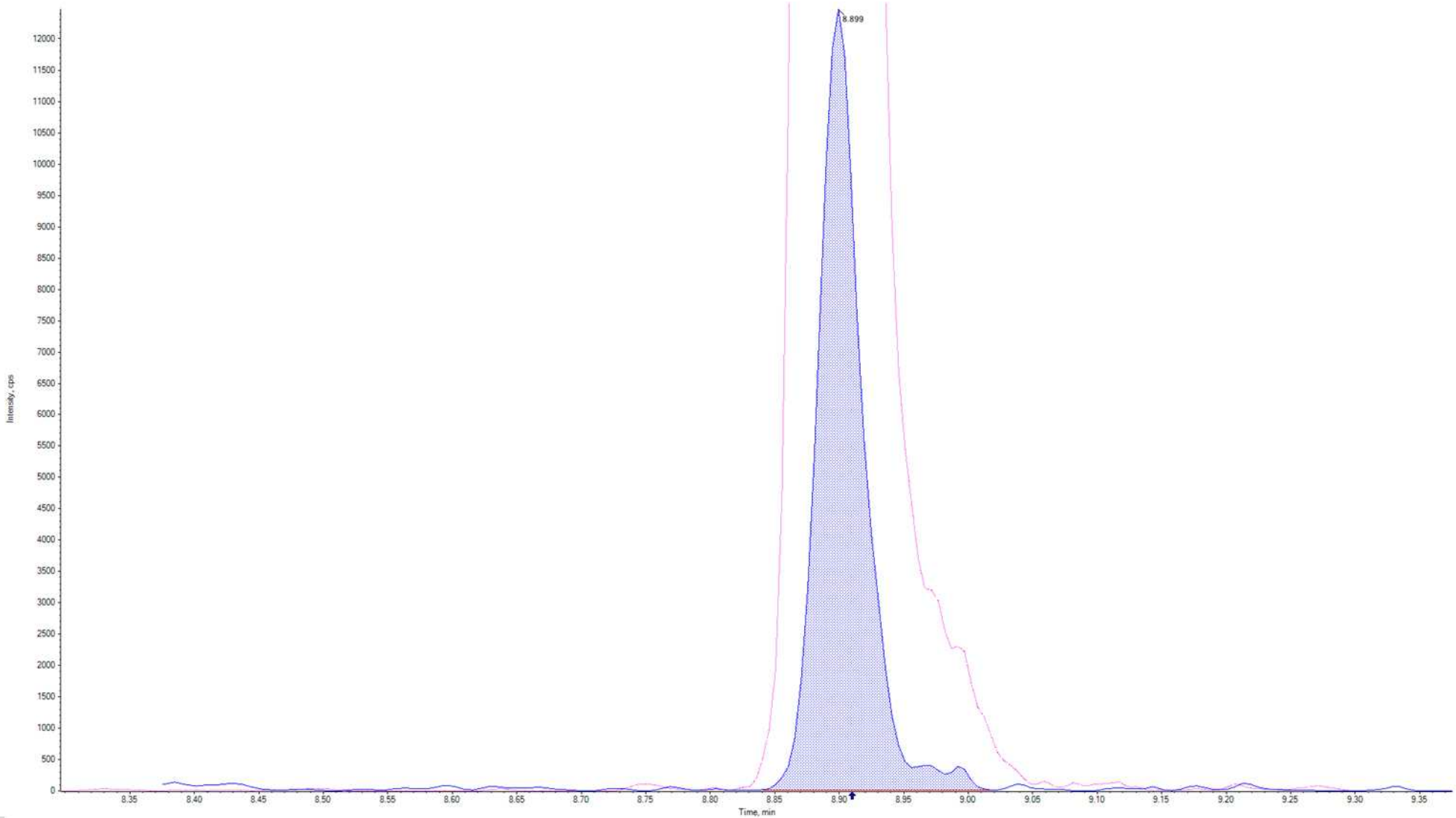
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA
Sample: IA1633STD-.5 S/N:1604.2 Points Across peak:47



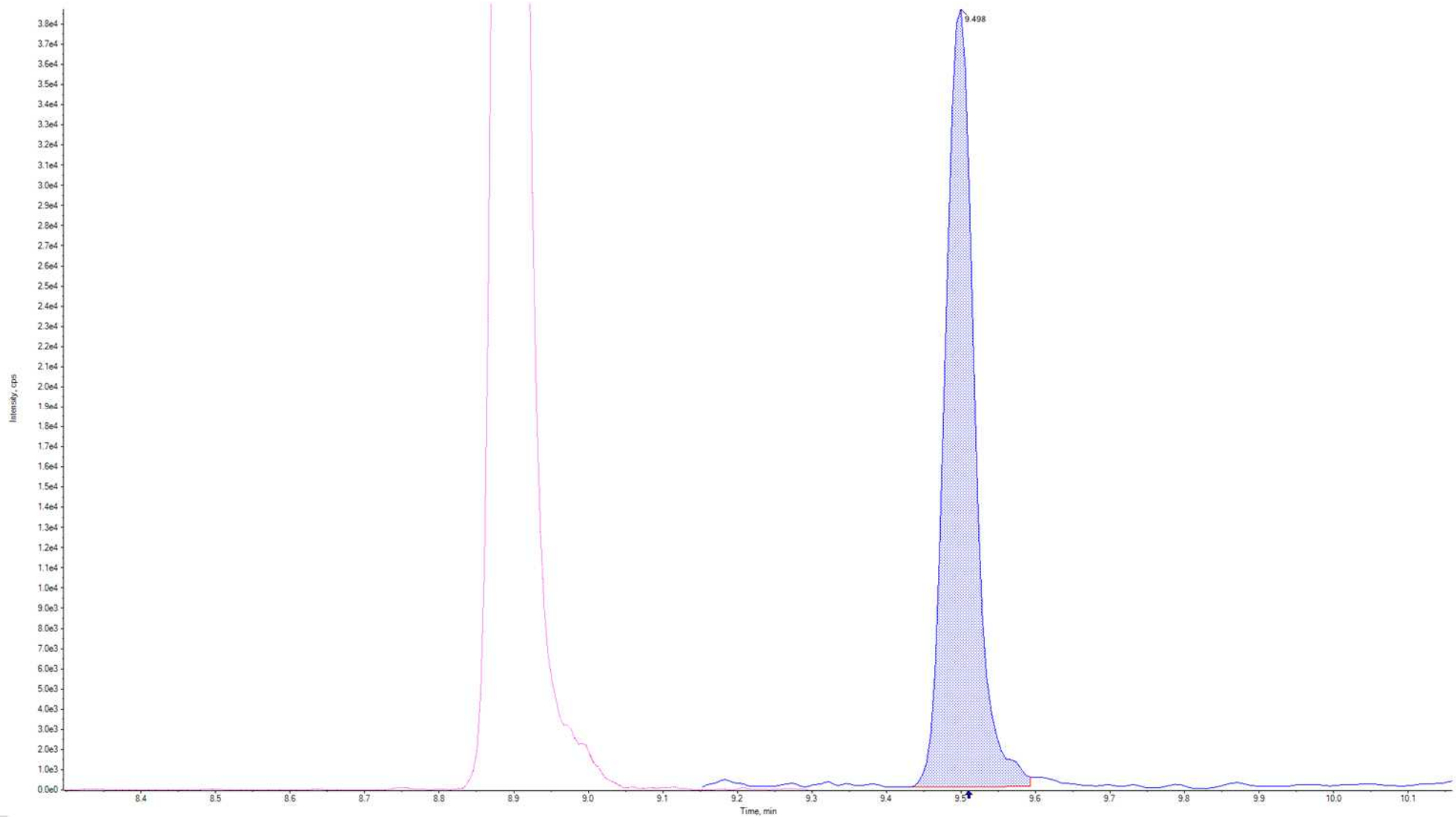
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA_2
Sample: IA1633STD-.5 S/N:4508689.1 Points Across peak:37



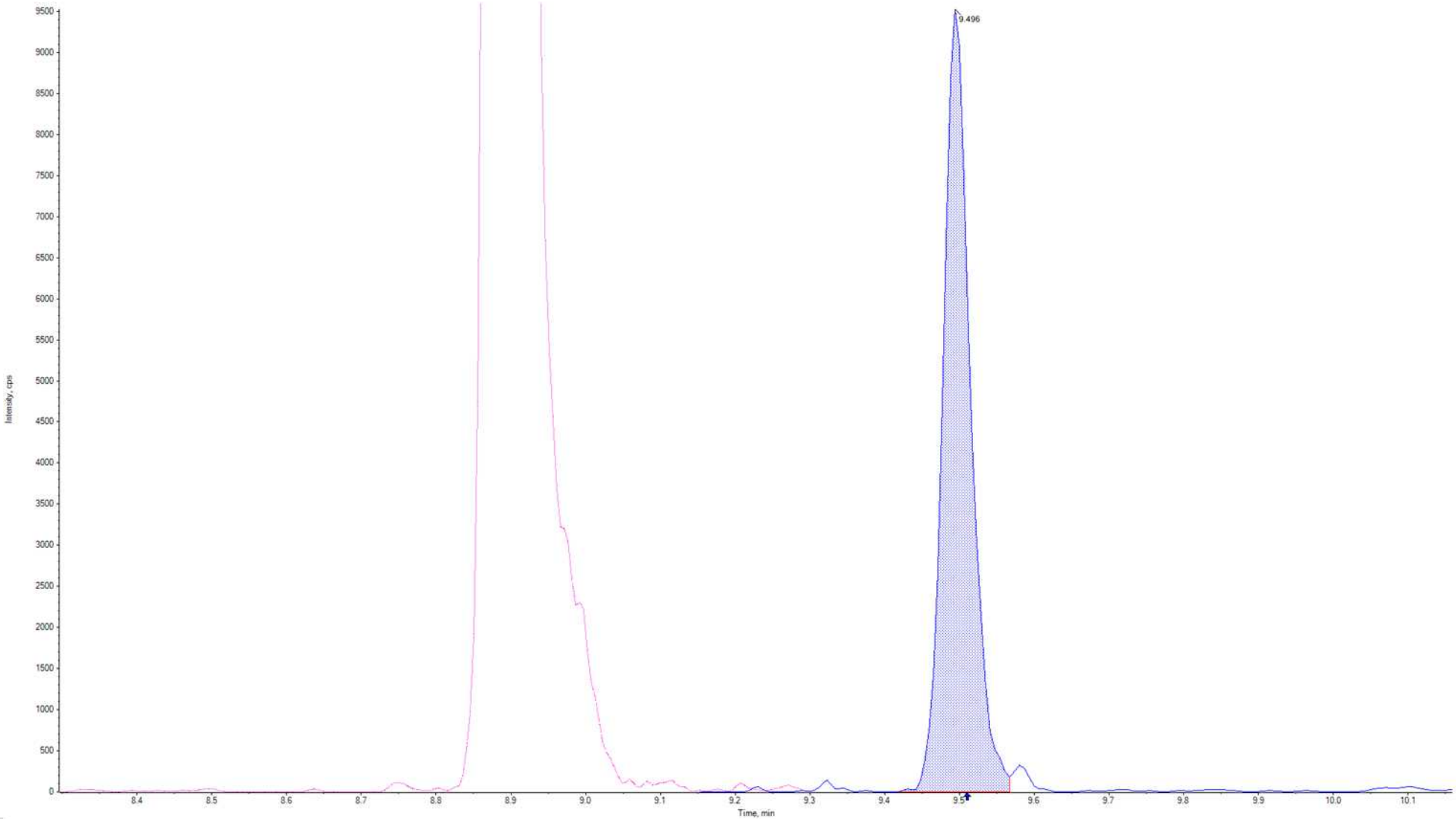
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFTrDA
Sample: IA1633STD-.5 S/N:965.3 Points Across peak:28



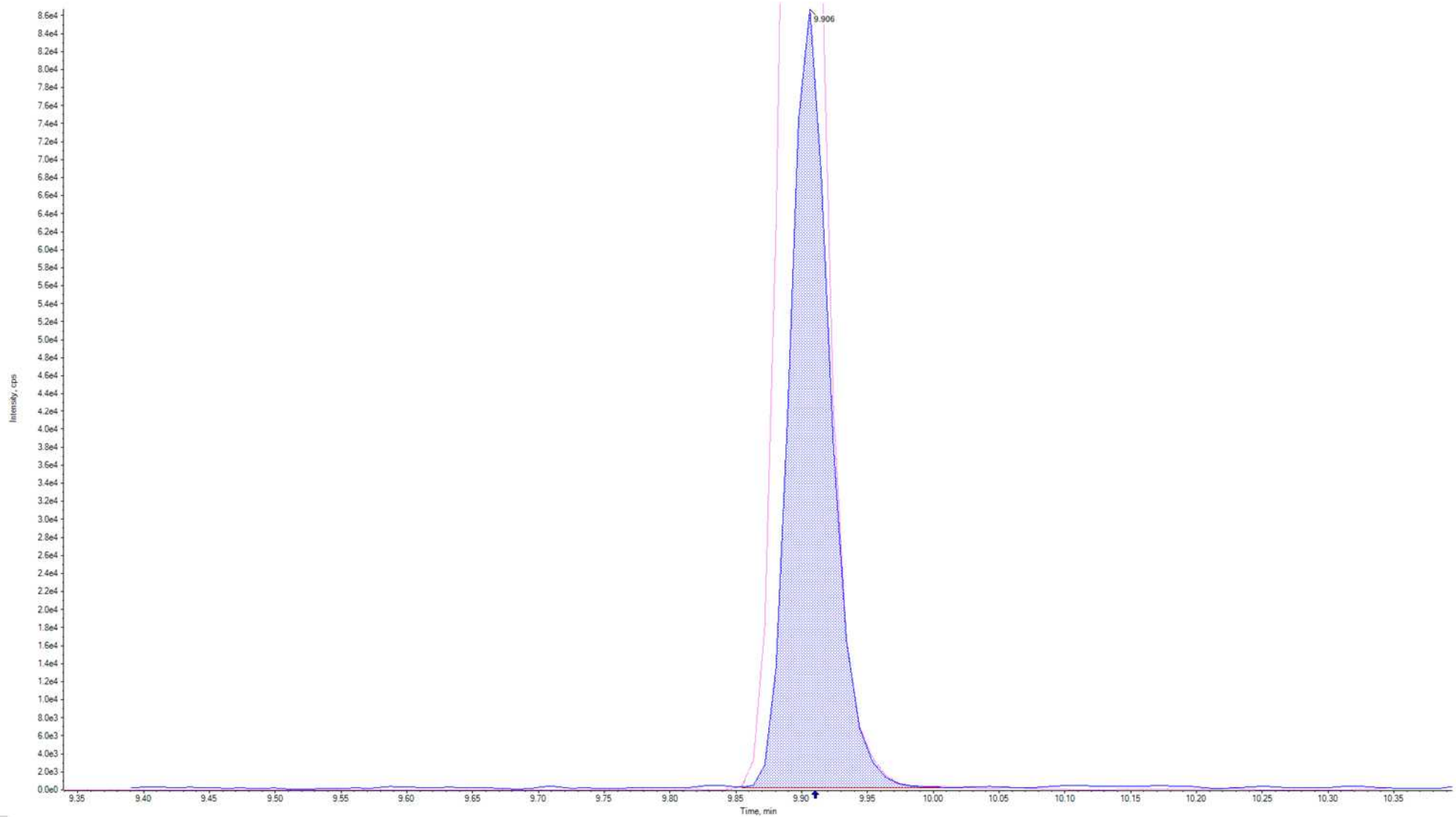
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFTrDA_2
Sample: IA1633STD-.5 S/N:760.0 Points Across peak:29



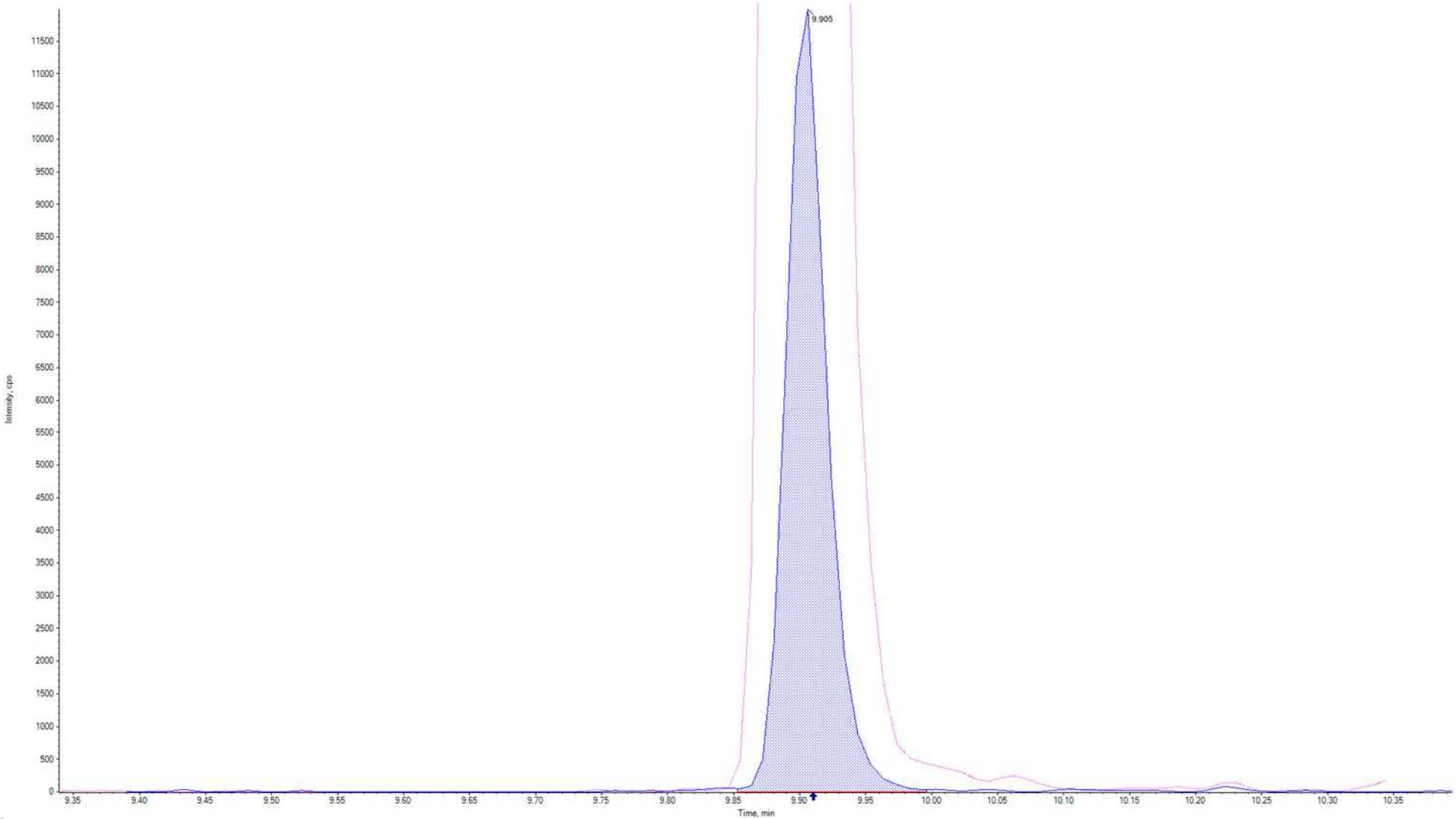
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFTeDA
Sample: IA1633STD-.5 S/N:1068.3 Points Across peak:18



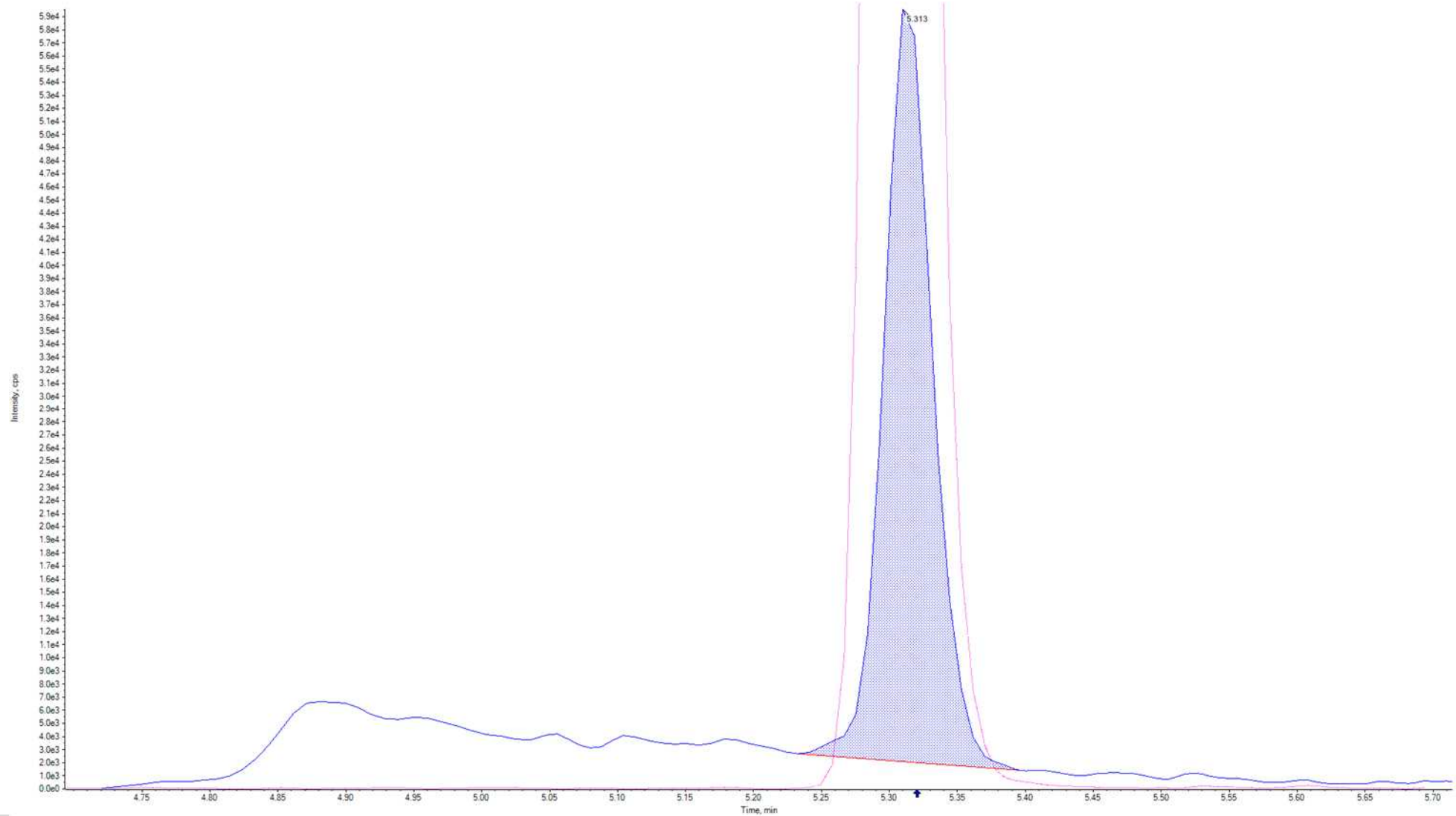
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
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Generated: 8/14/2024 6:27:11 AM

PFTeDA_2
Sample: IA1633STD-.5 S/N:1206.6 Points Across peak:18



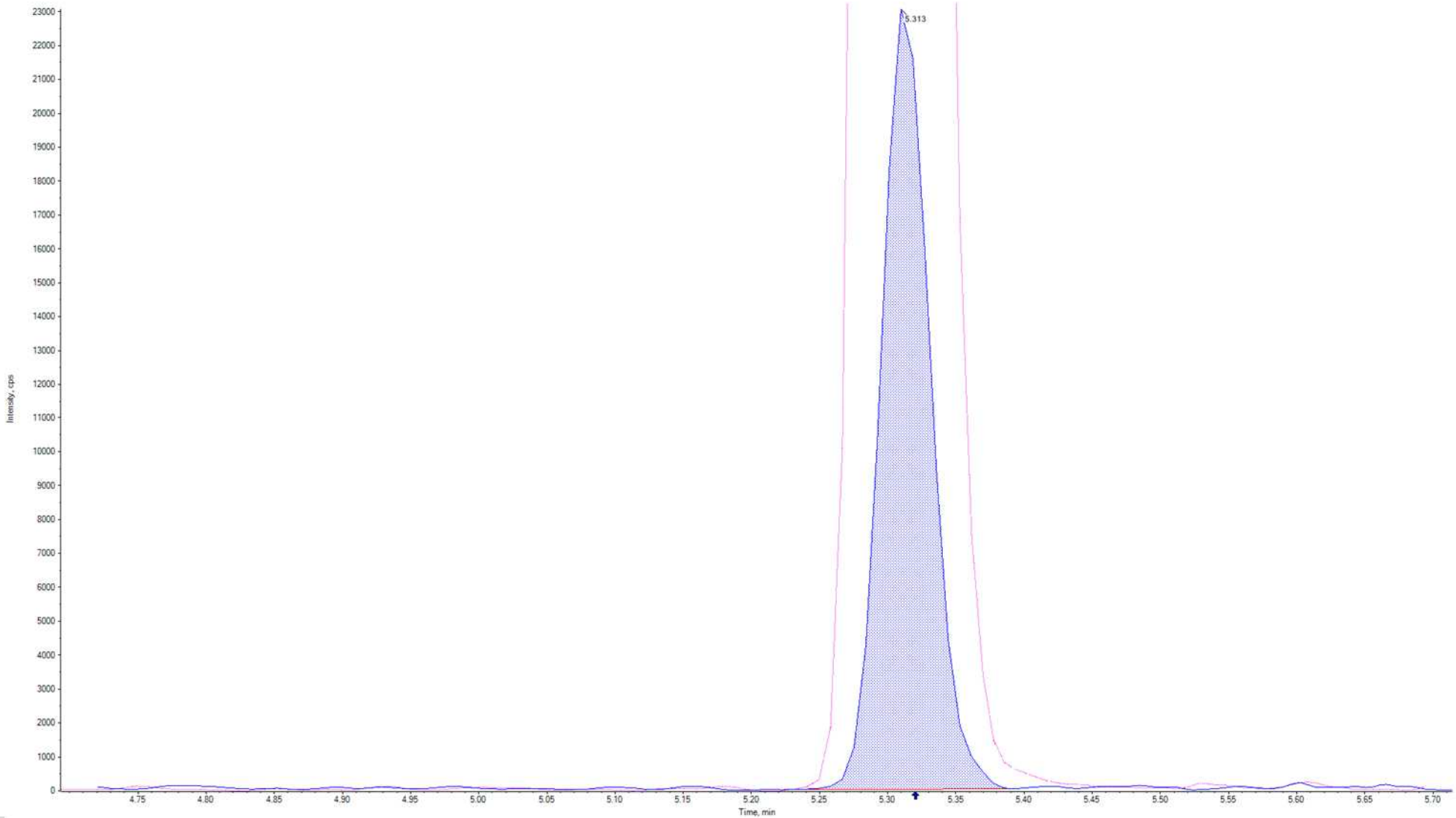
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFBS
Sample: IA1633STD-.5 S/N:71.8 Points Across peak:21



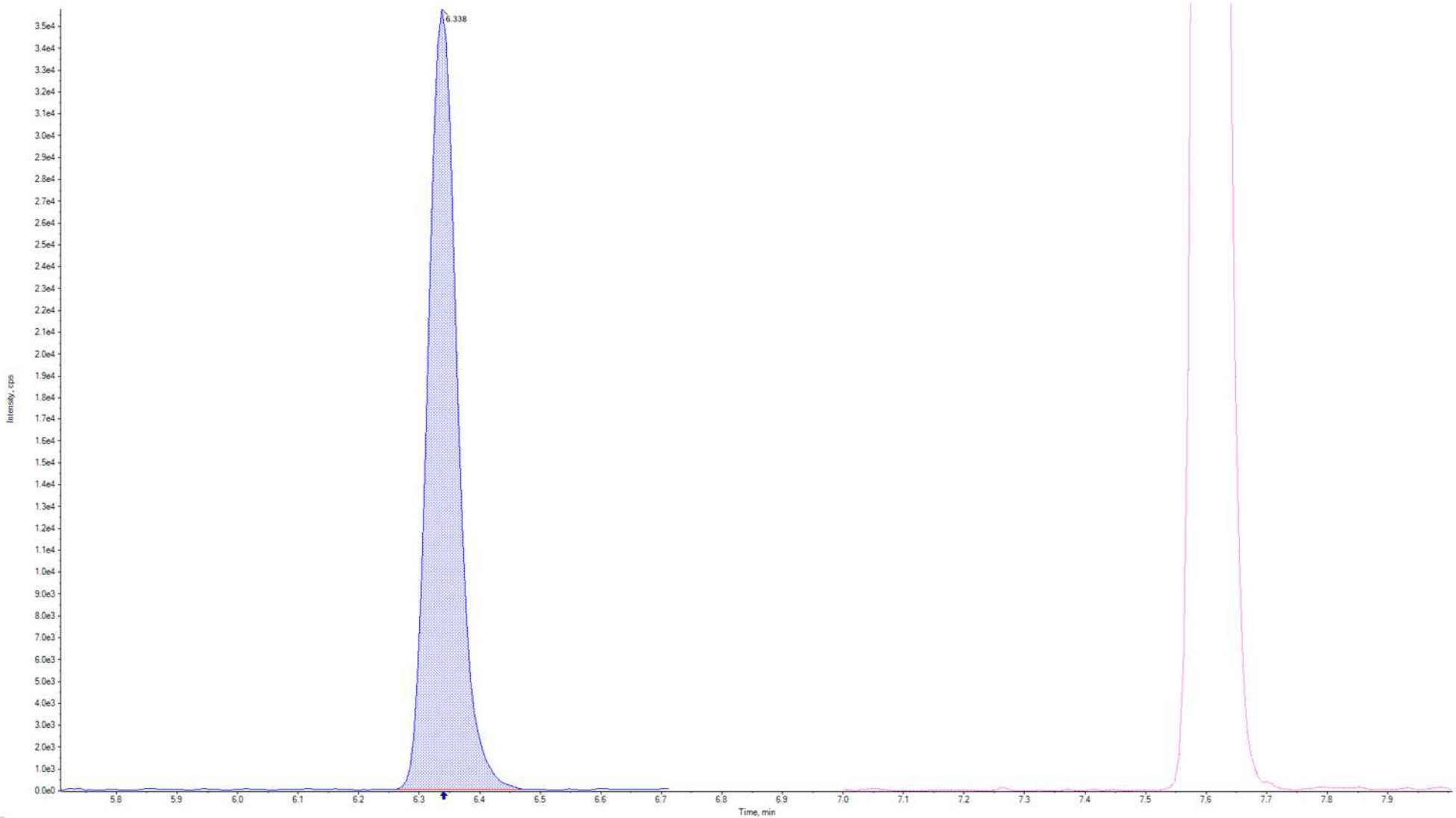
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFBS_2
Sample: IA1633STD-.5 S/N:1370.9 Points Across peak:21



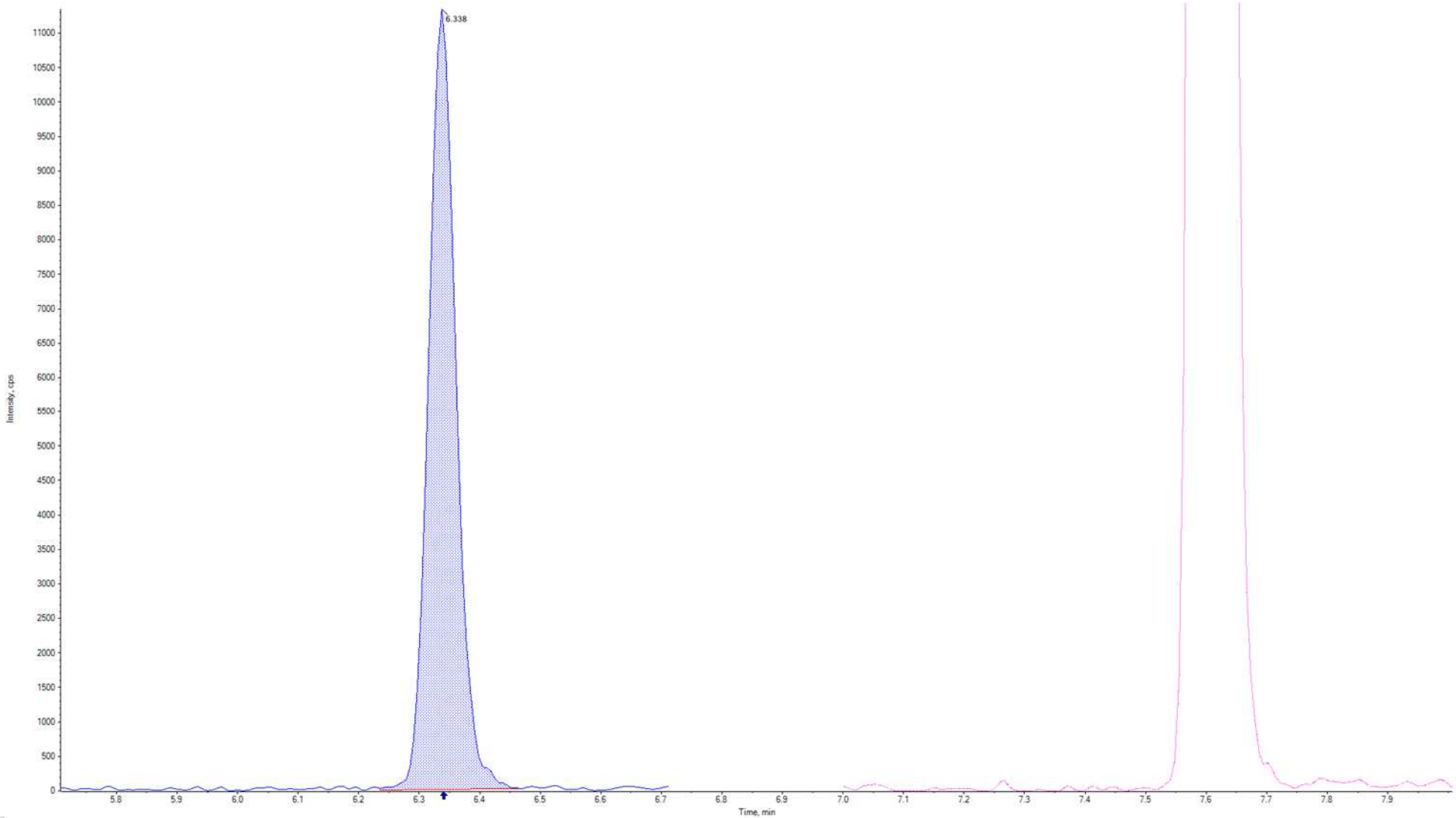
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS
Sample: IA1633STD-.5 S/N:2430.4 Points Across peak:34



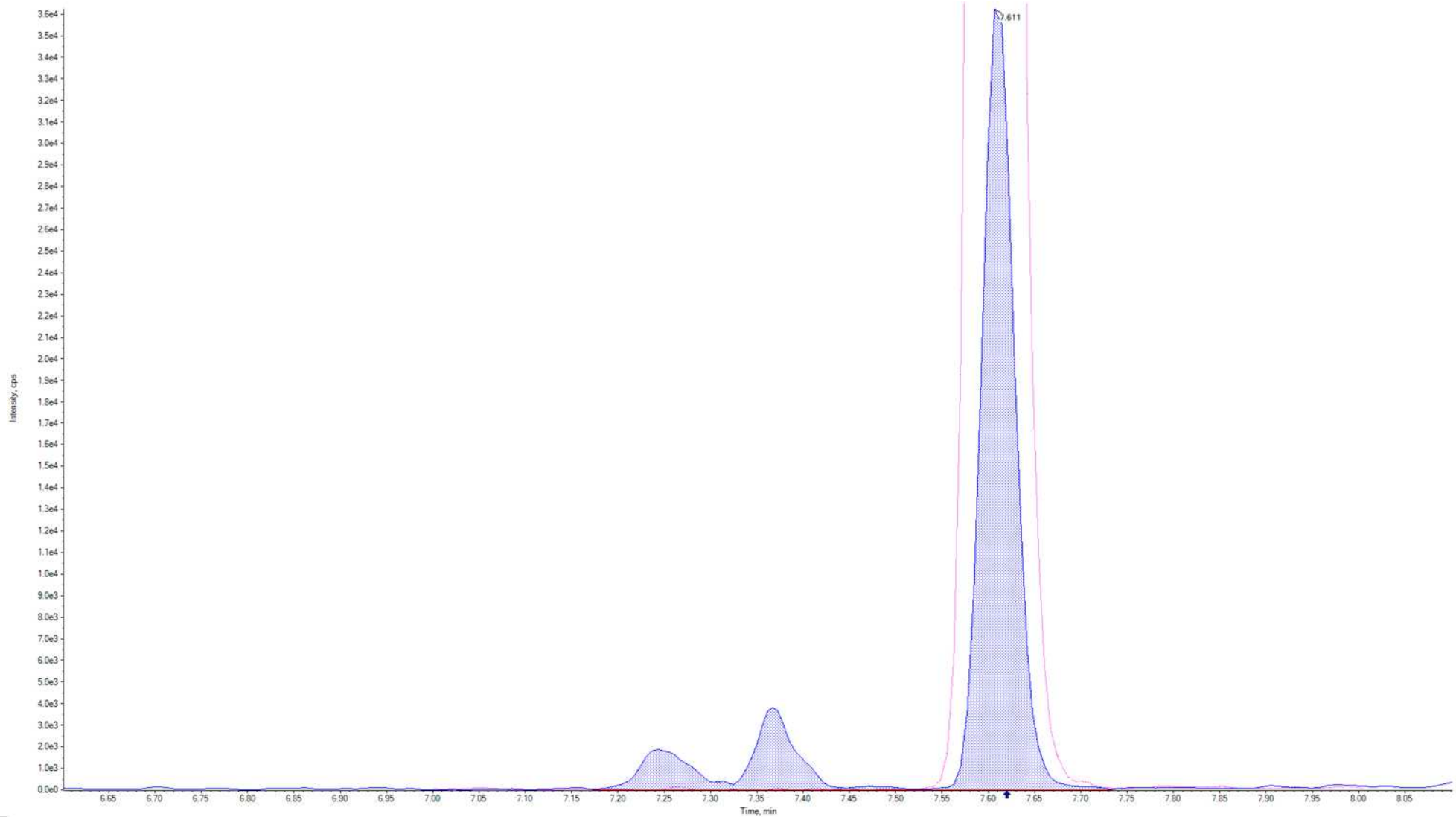
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS_2
Sample: IA1633STD-.5 S/N:3128.2 Points Across peak:37



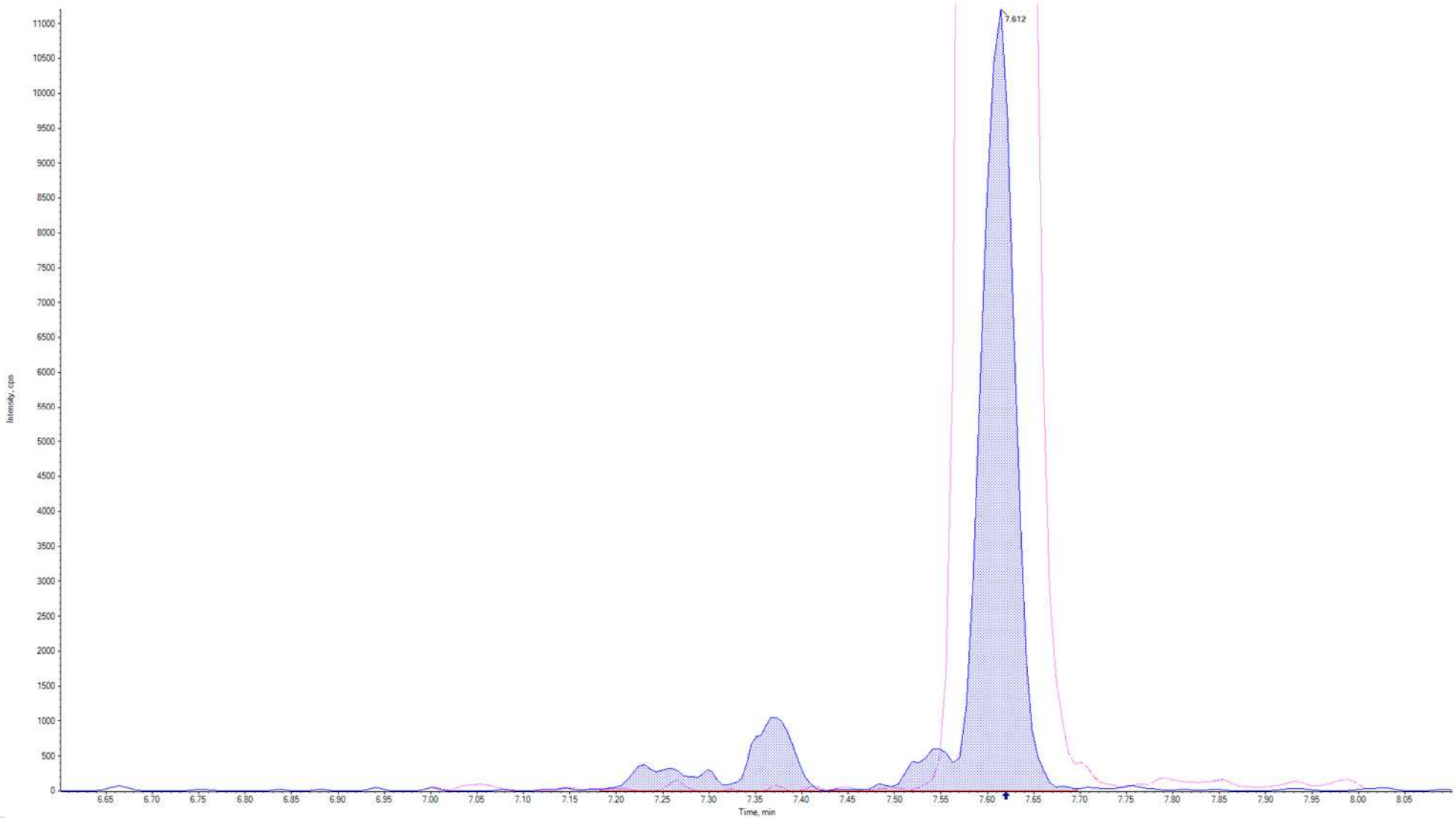
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS
Sample: IA1633STD-.5 S/N:9640.4 Points Across peak:91



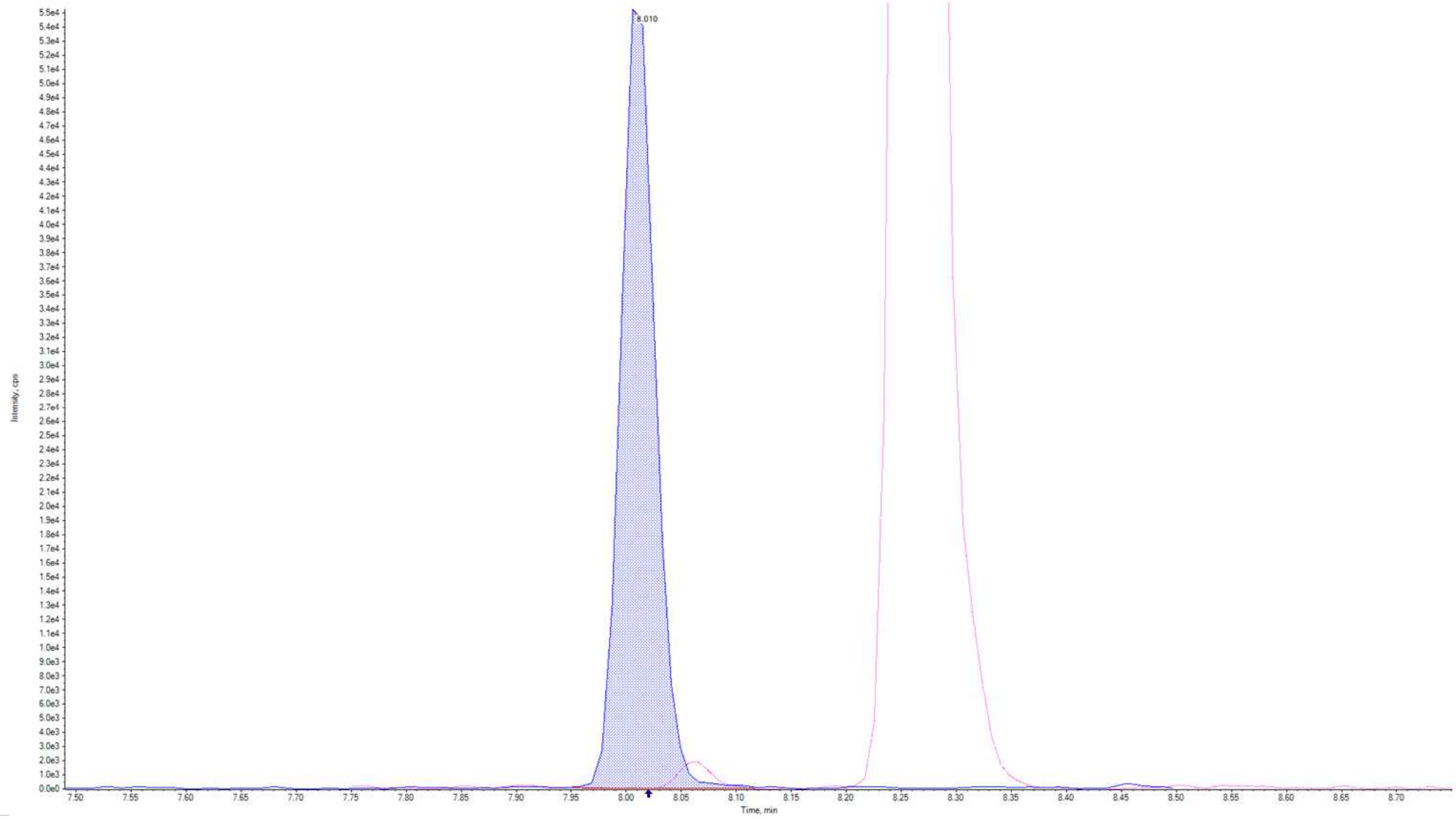
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS_2
Sample: IA1633STD-.5 S/N:3419231.4 Points Across peak:84



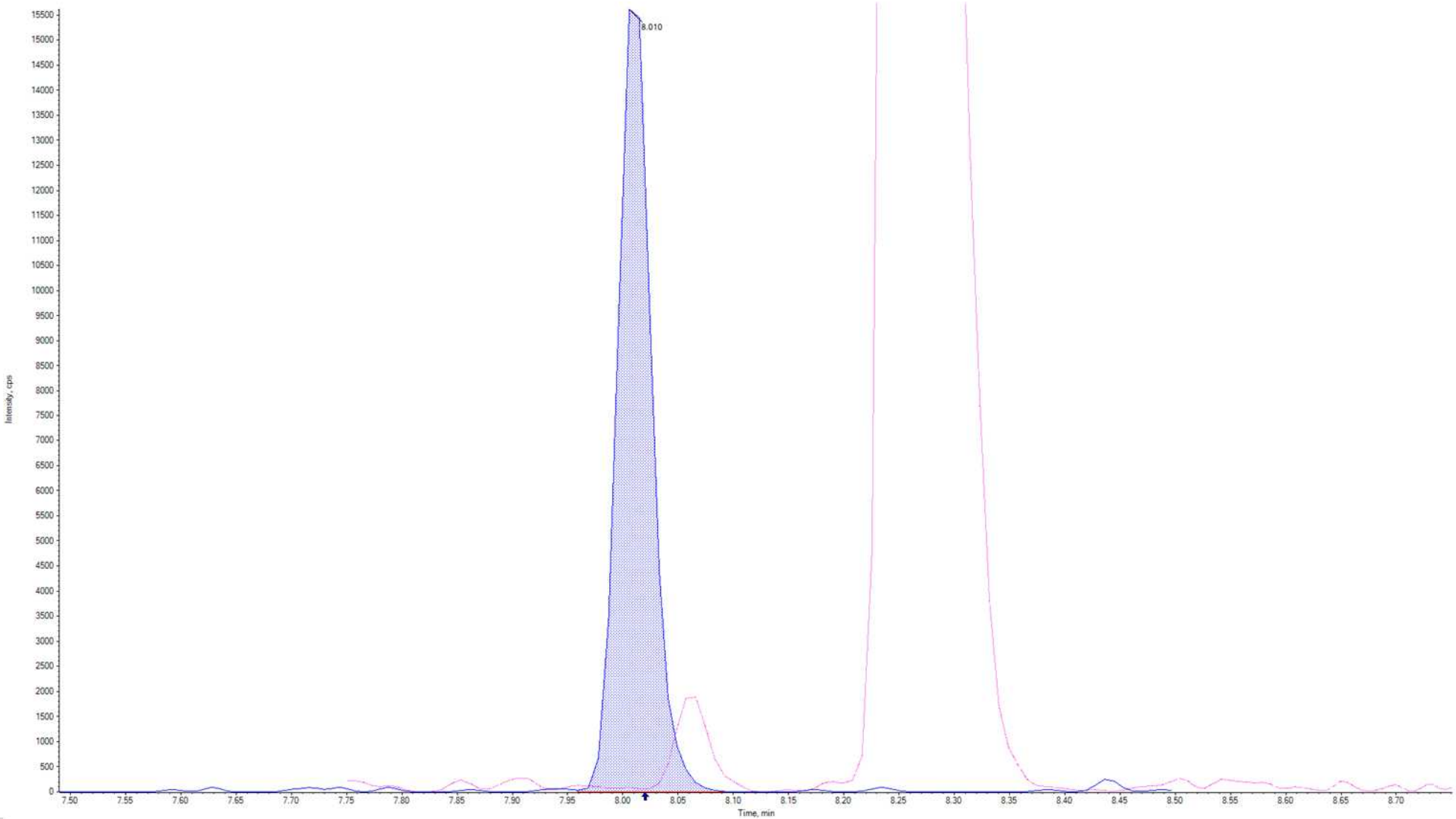
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS
Sample: IA1633STD-.5 S/N:2652.9 Points Across peak:21



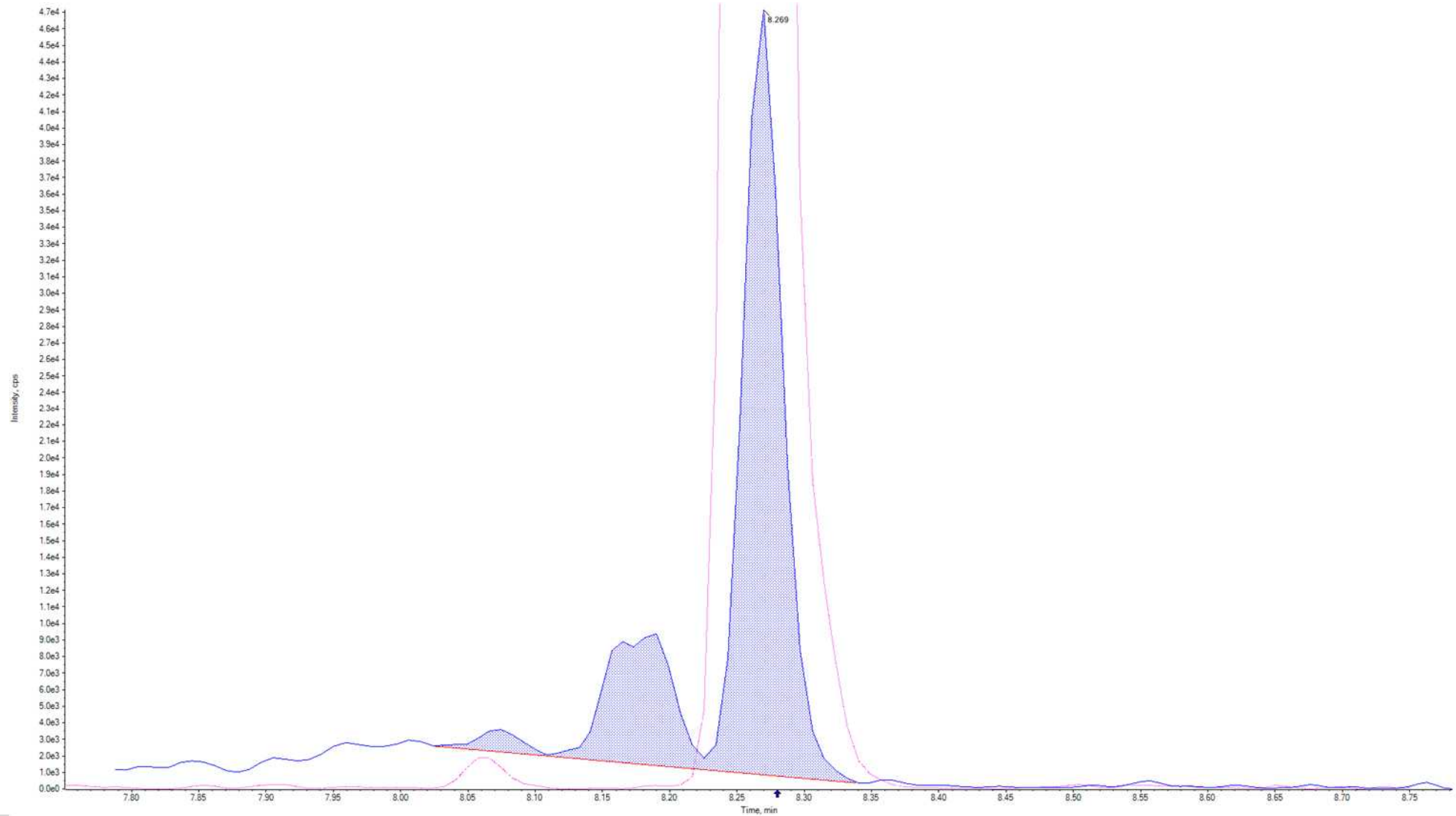
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS_2
Sample: IA1633STD-.5 S/N:783.3 Points Across peak:19



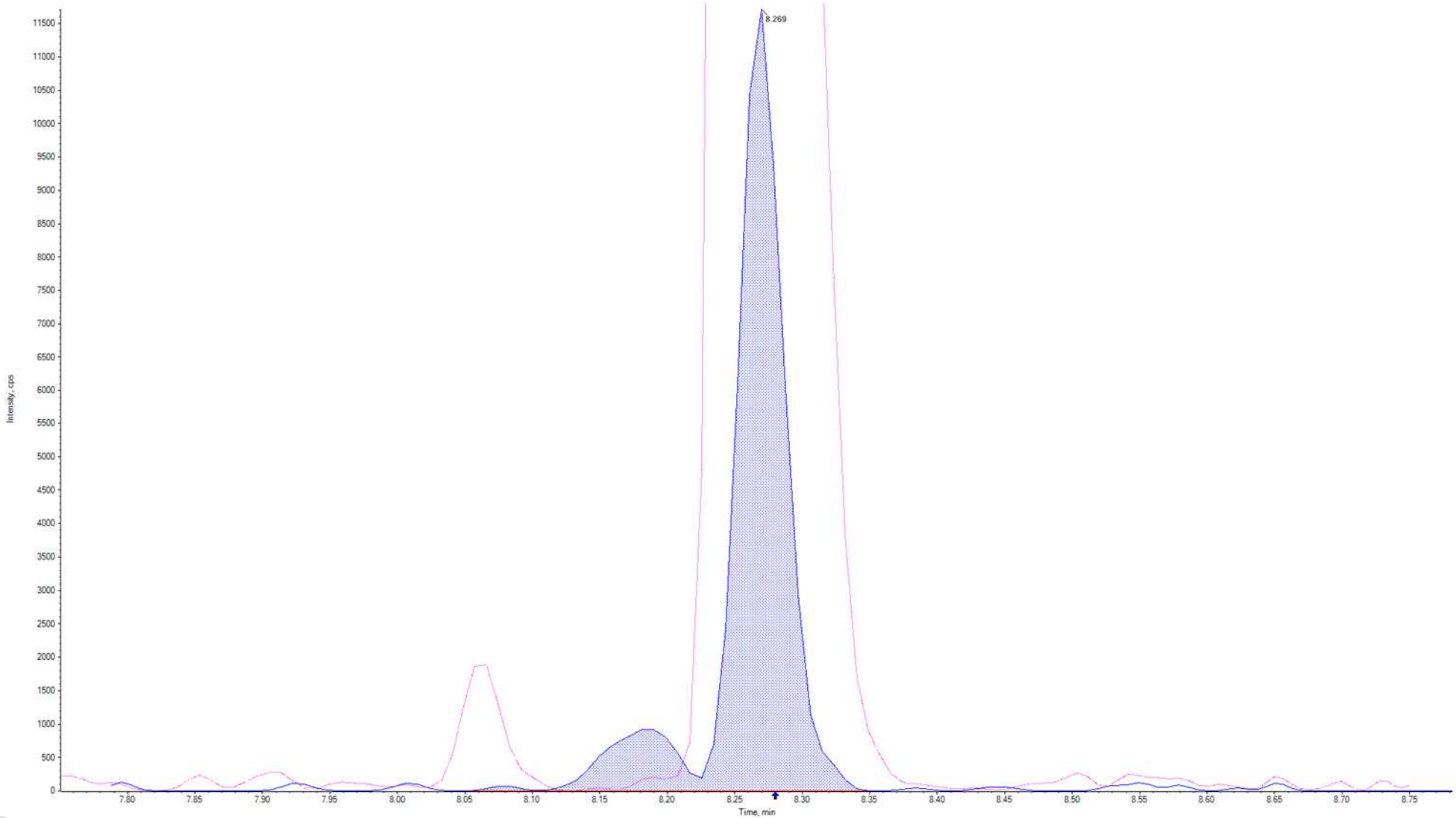
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFOS
Sample: IA1633STD-.5 S/N:1030.1 Points Across peak:38



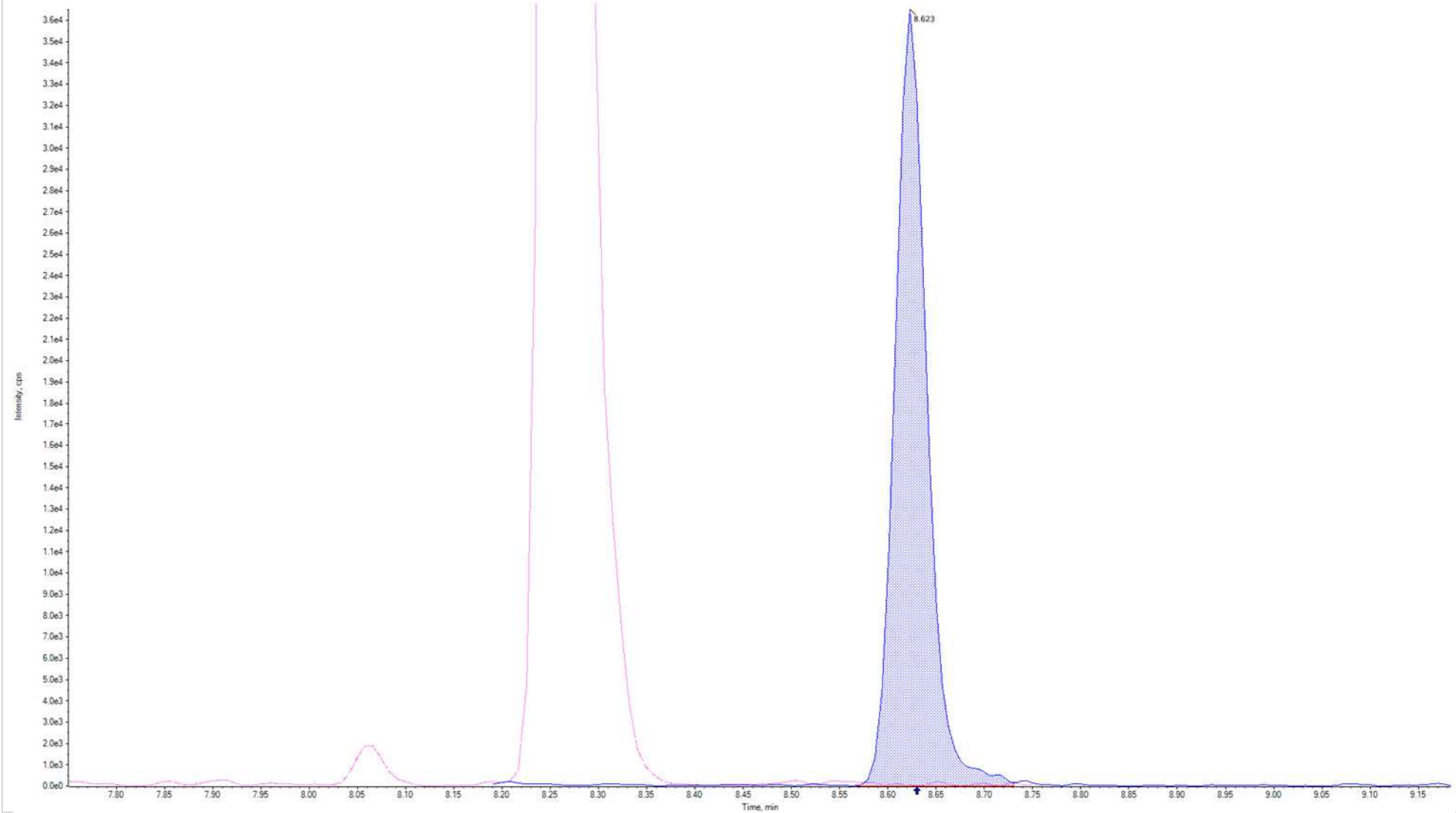
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFOS_2
Sample: IA1633STD-.5 S/N:522.8 Points Across peak:37



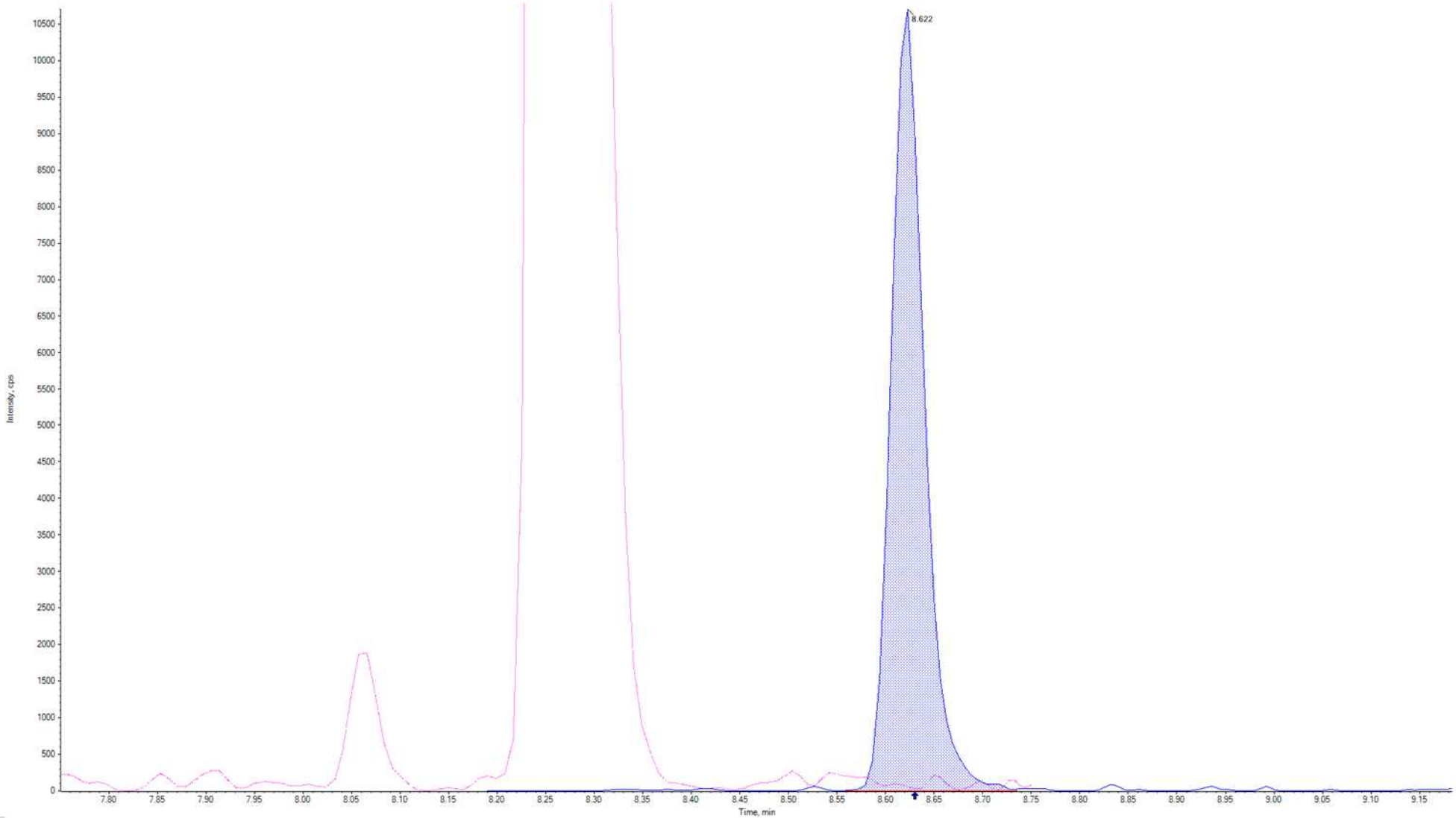
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFNS
Sample: IA1633STD-.5 S/N:11144.4 Points Across peak:27



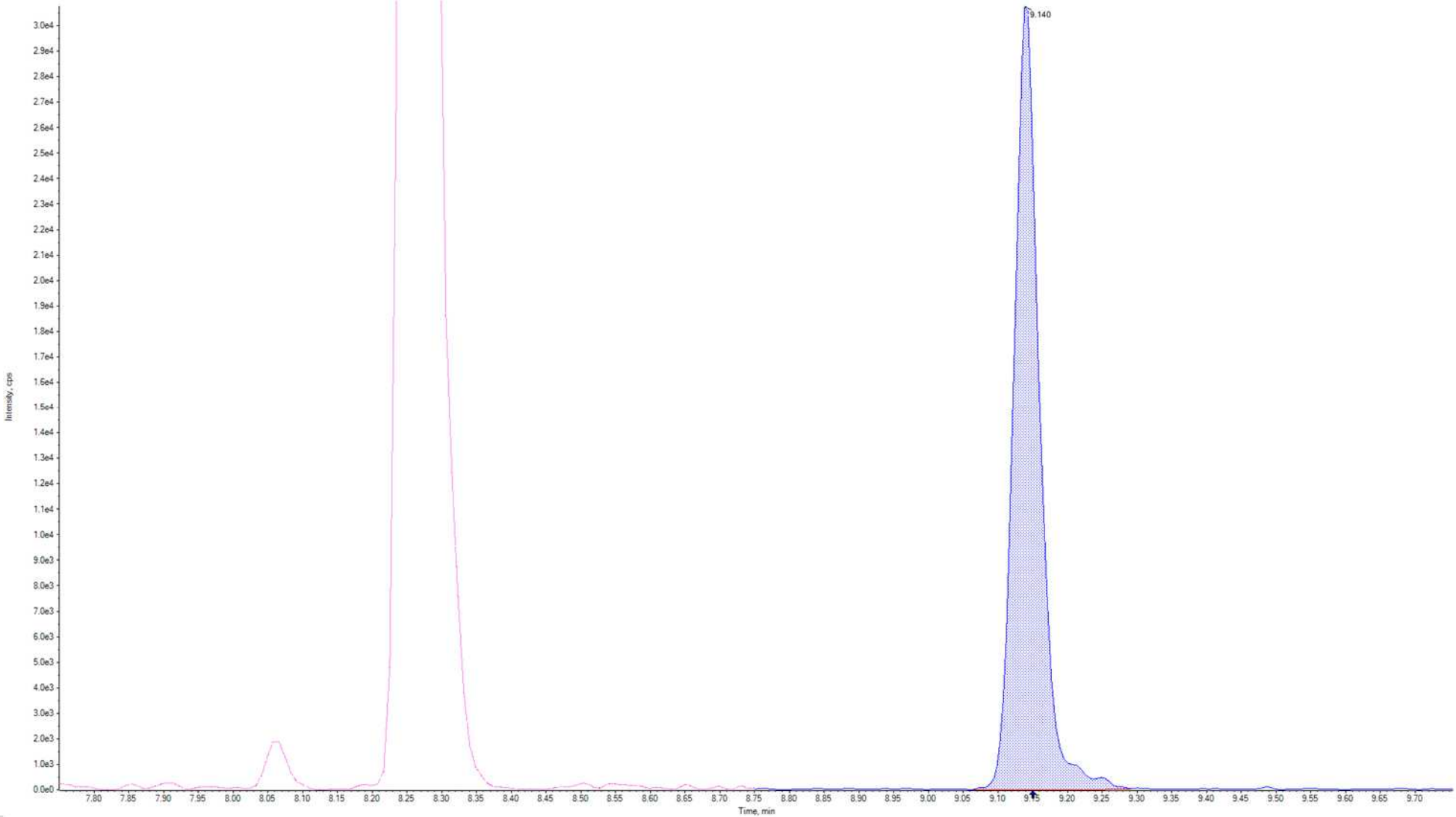
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFNS_2
Sample: IA1633STD-.5 S/N:1154.6 Points Across peak:30



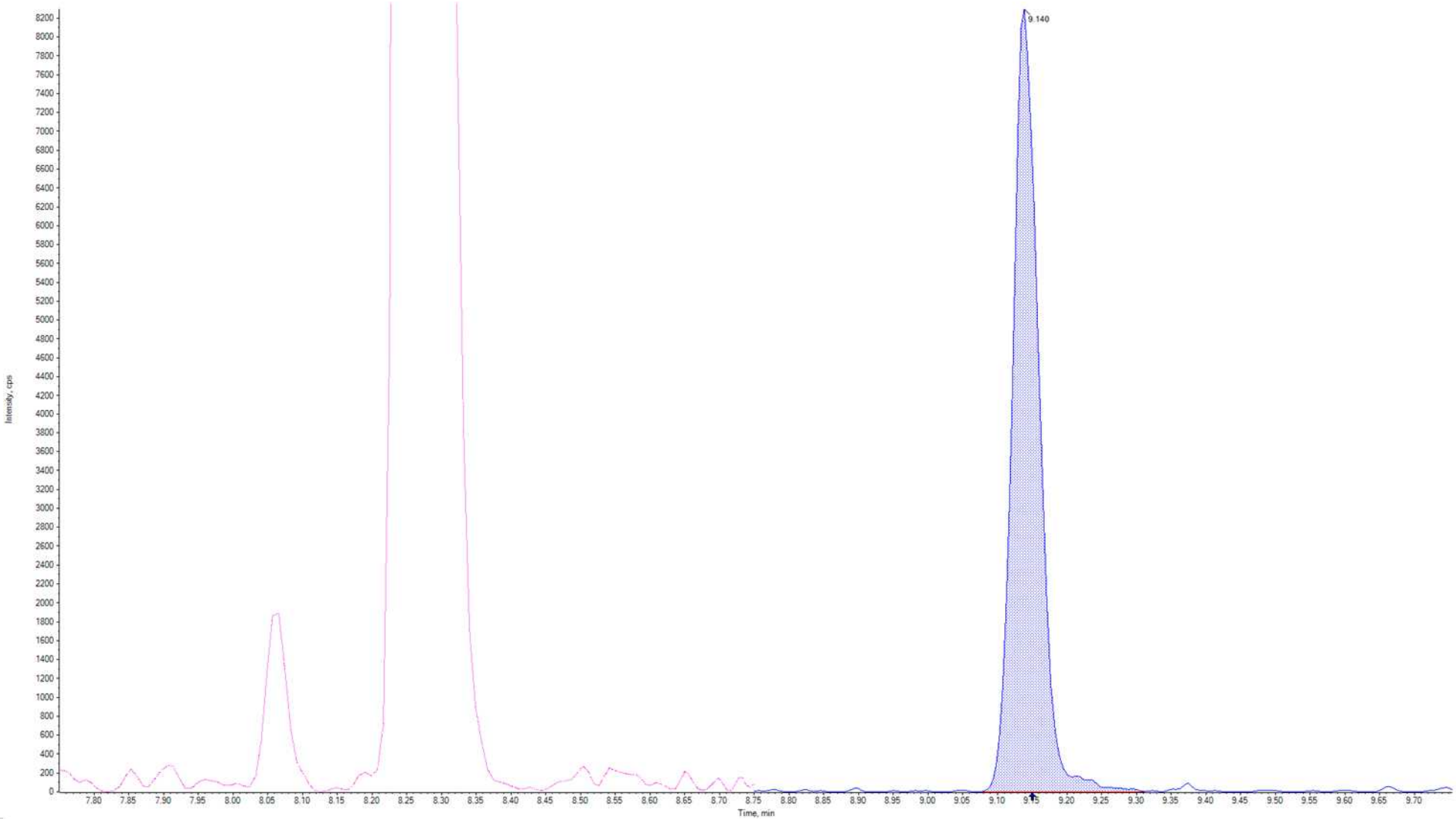
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDS
Sample: IA1633STD-.5 S/N:7343.5 Points Across peak:45



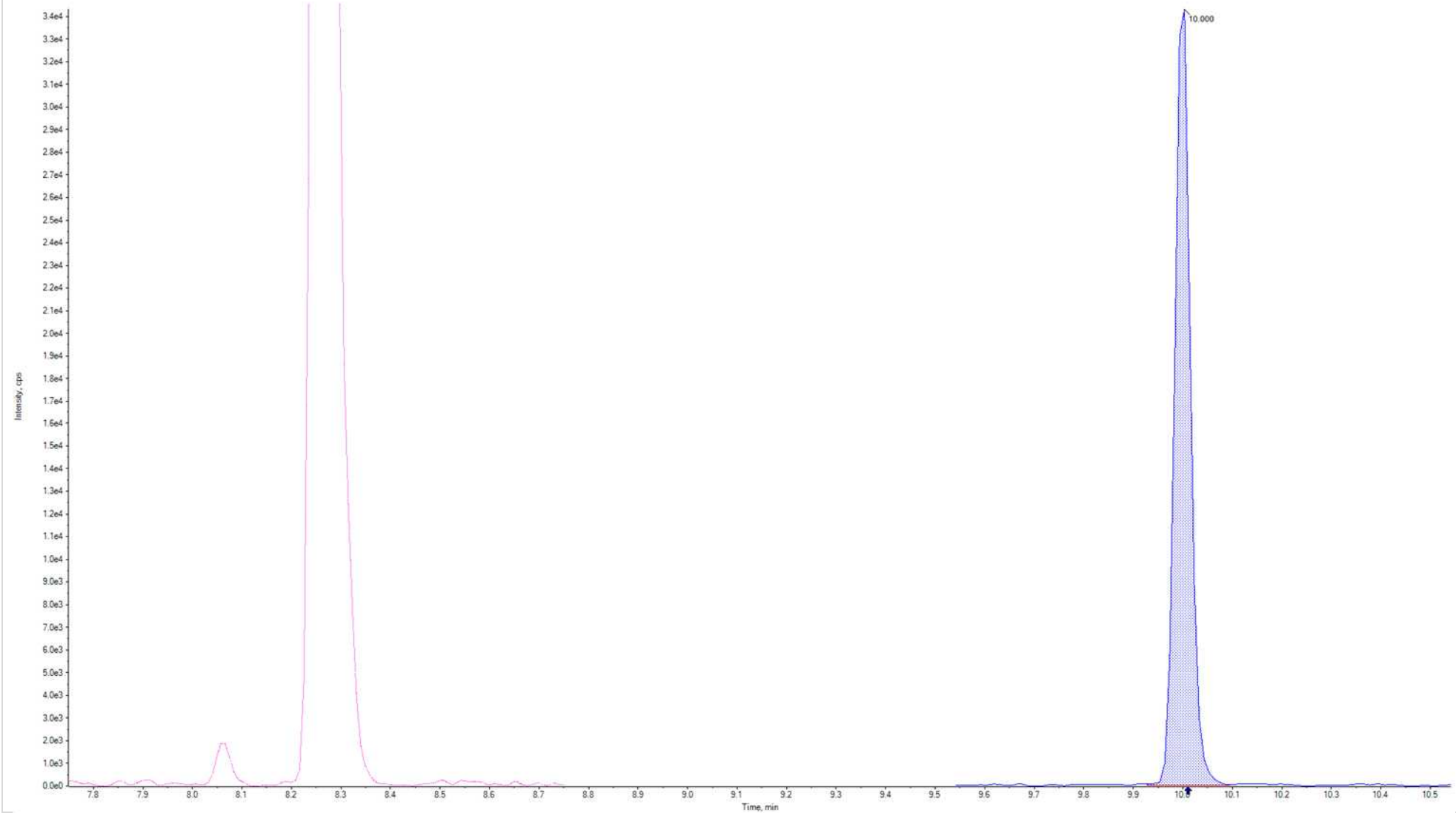
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDS_2
Sample: IA1633STD-.5 S/N:565731.9 Points Across peak:46



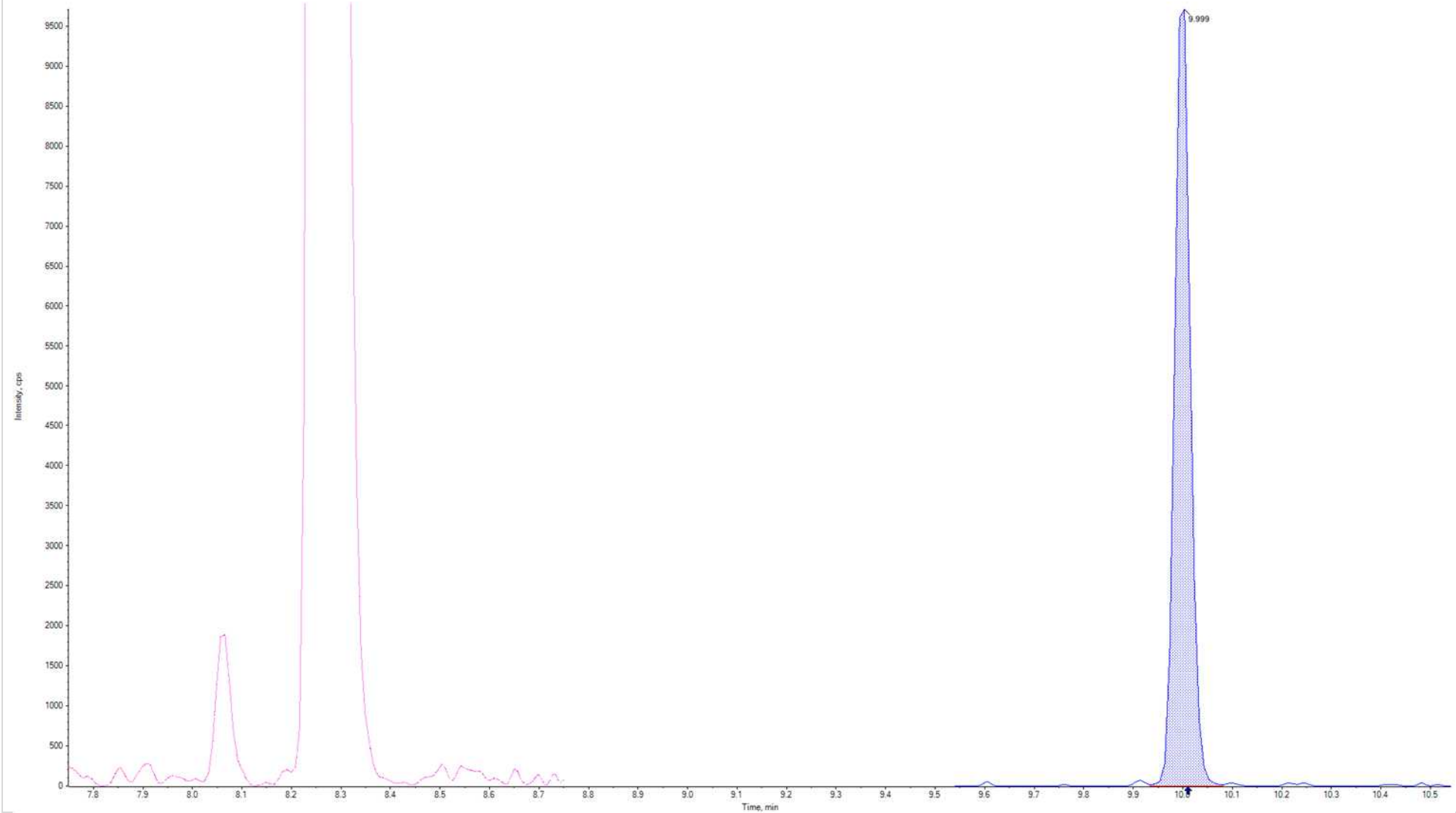
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS
Sample: IA1633STD-.5 S/N:6785.0 Points Across peak:19



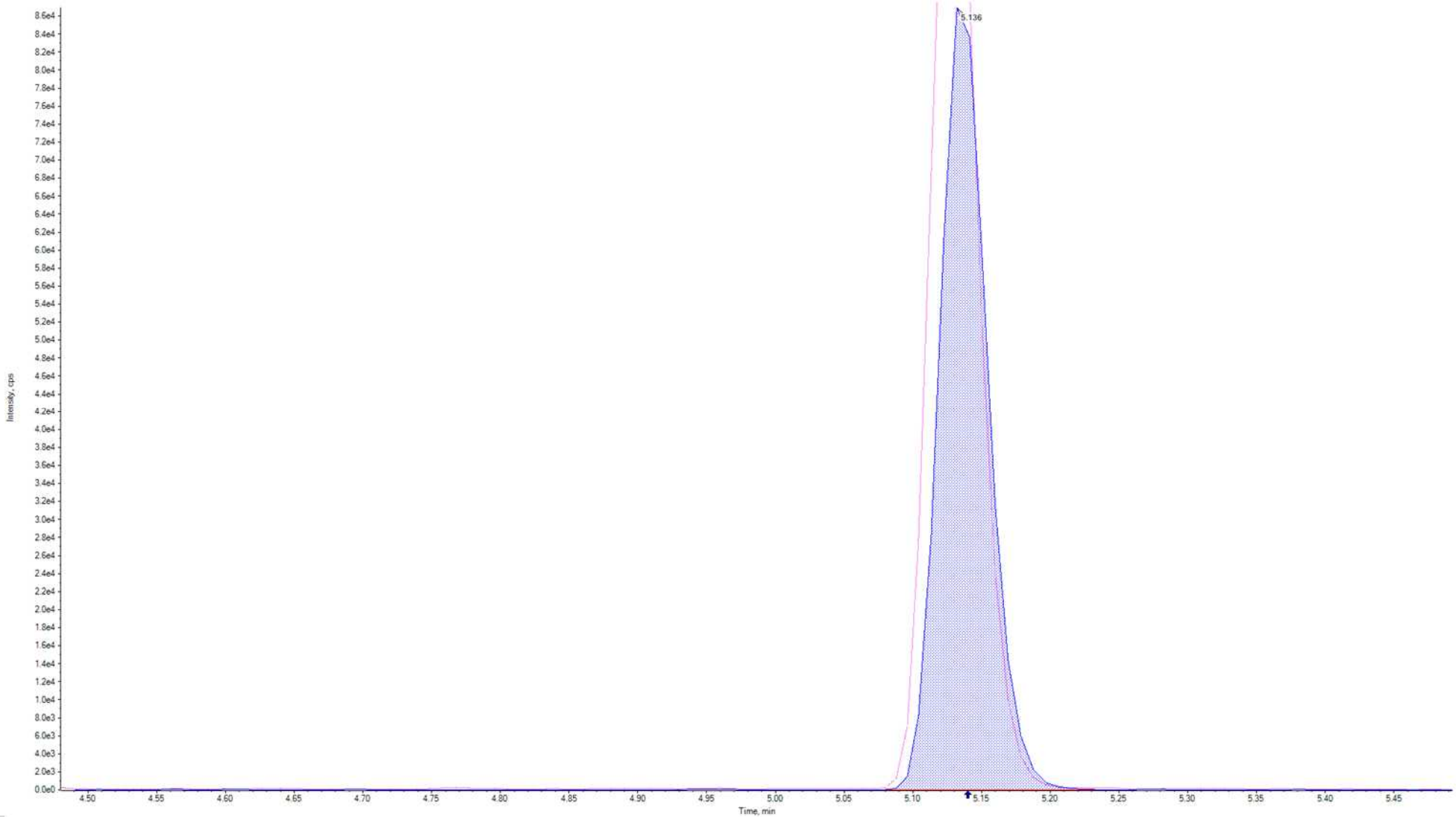
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS_2
Sample: IA1633STD-.5 S/N:1486.6 Points Across peak:17



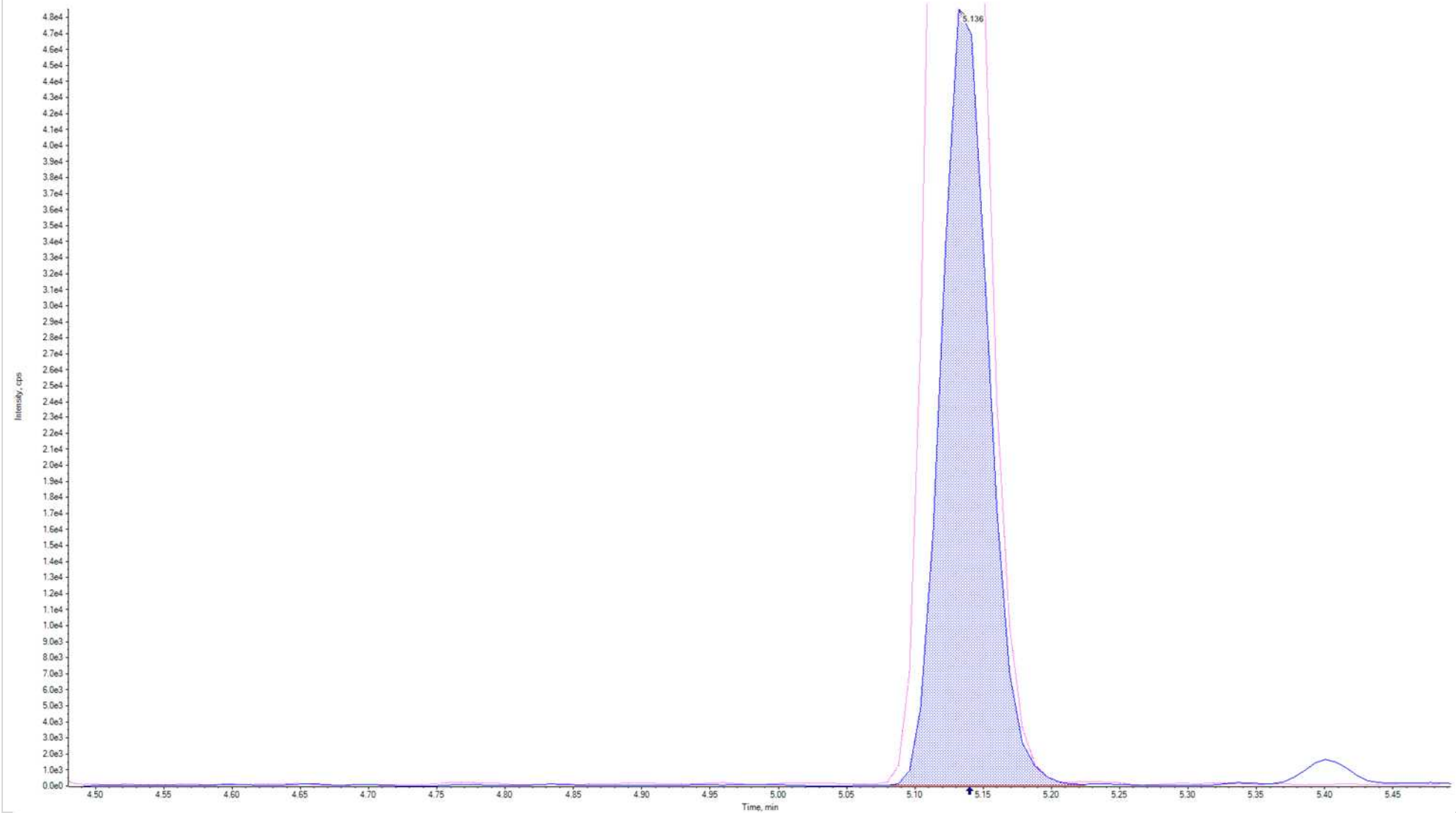
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS
Sample: IA1633STD-.5 S/N:1806.0 Points Across peak:22



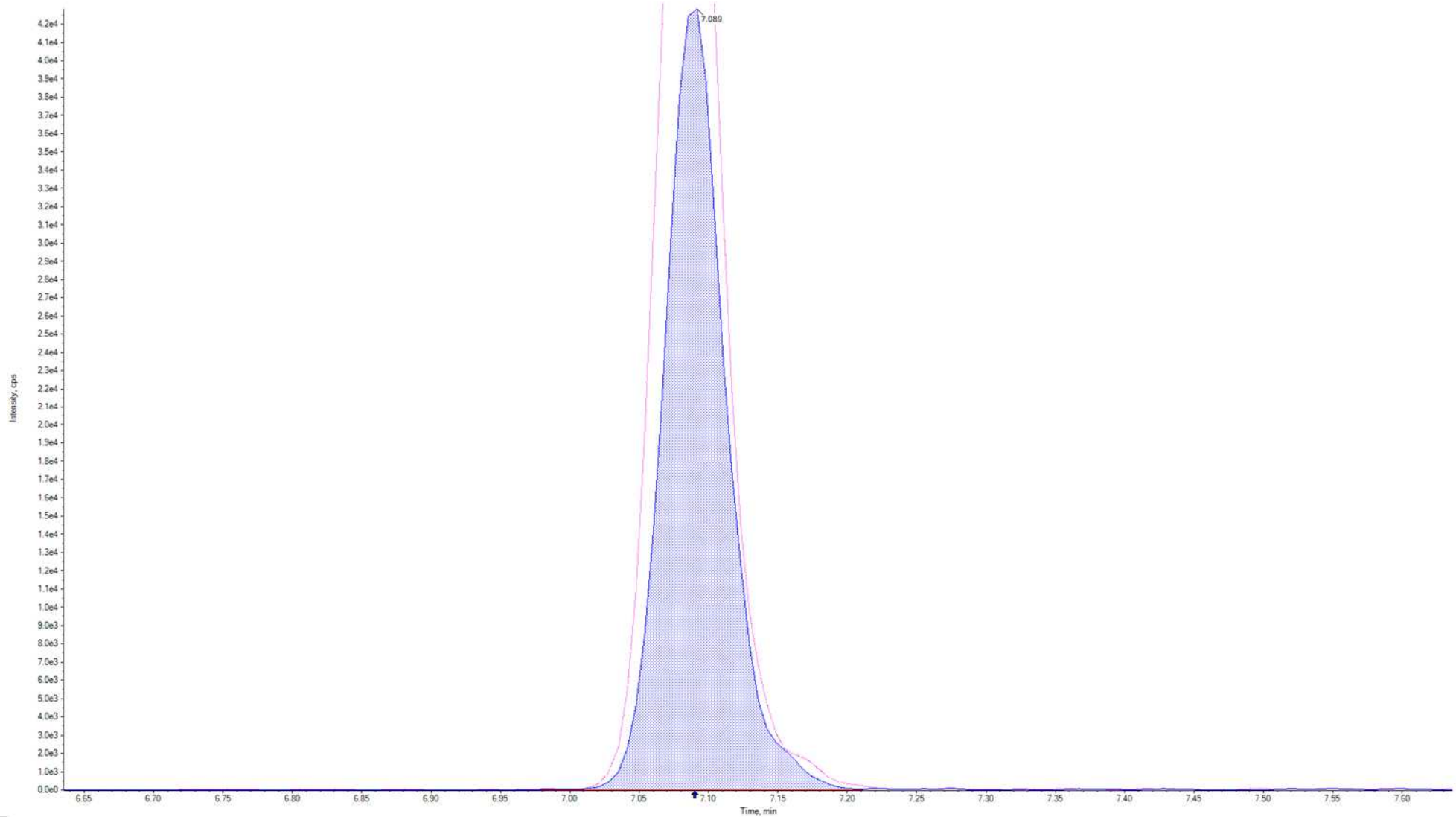
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS_2
Sample: IA1633STD-.5 S/N:2485.1 Points Across peak:19



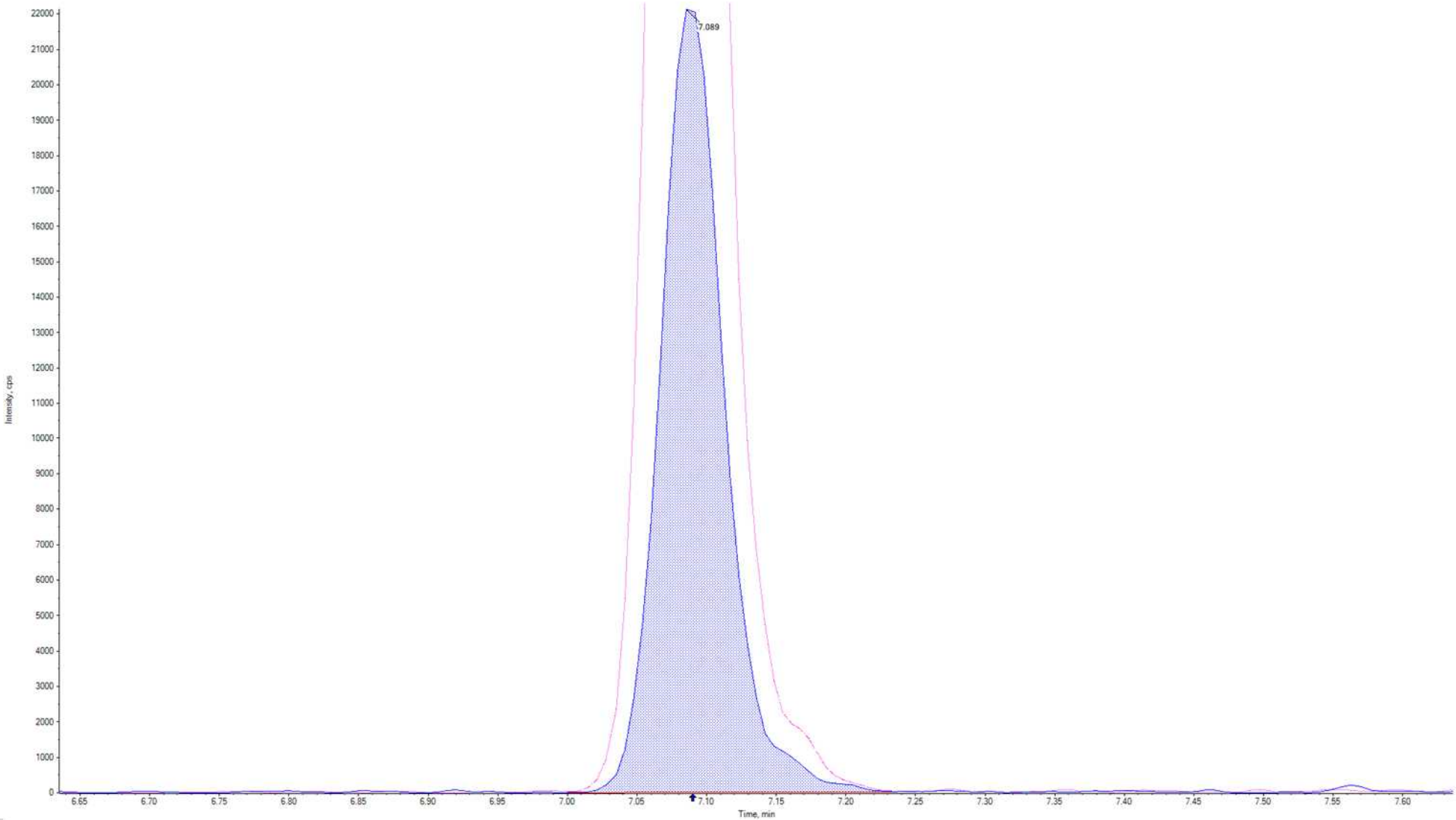
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS
Sample: IA1633STD-.5 S/N:2074.8 Points Across peak:40



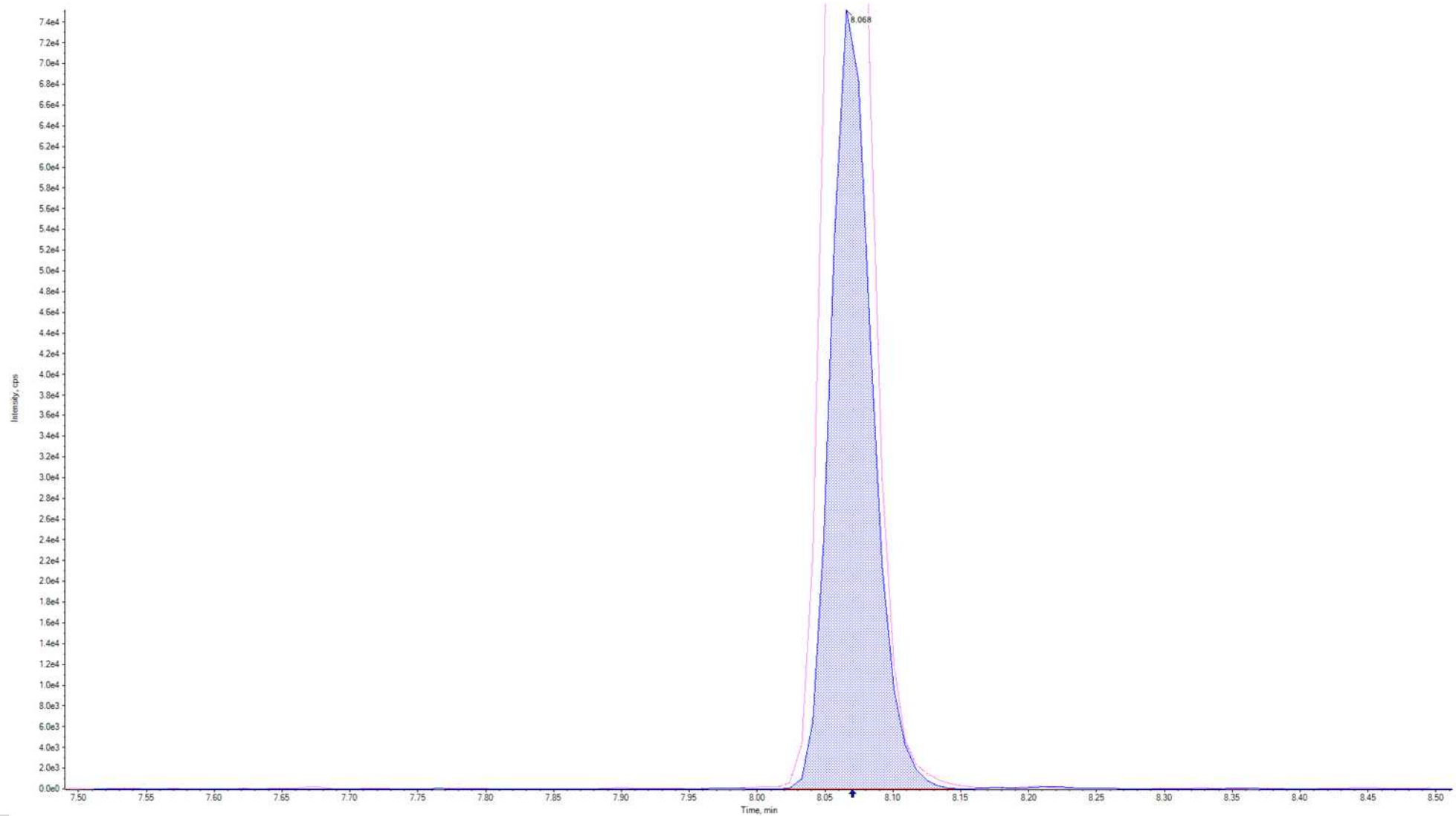
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS_2
Sample: IA1633STD-.5 S/N:13560.3 Points Across peak:39



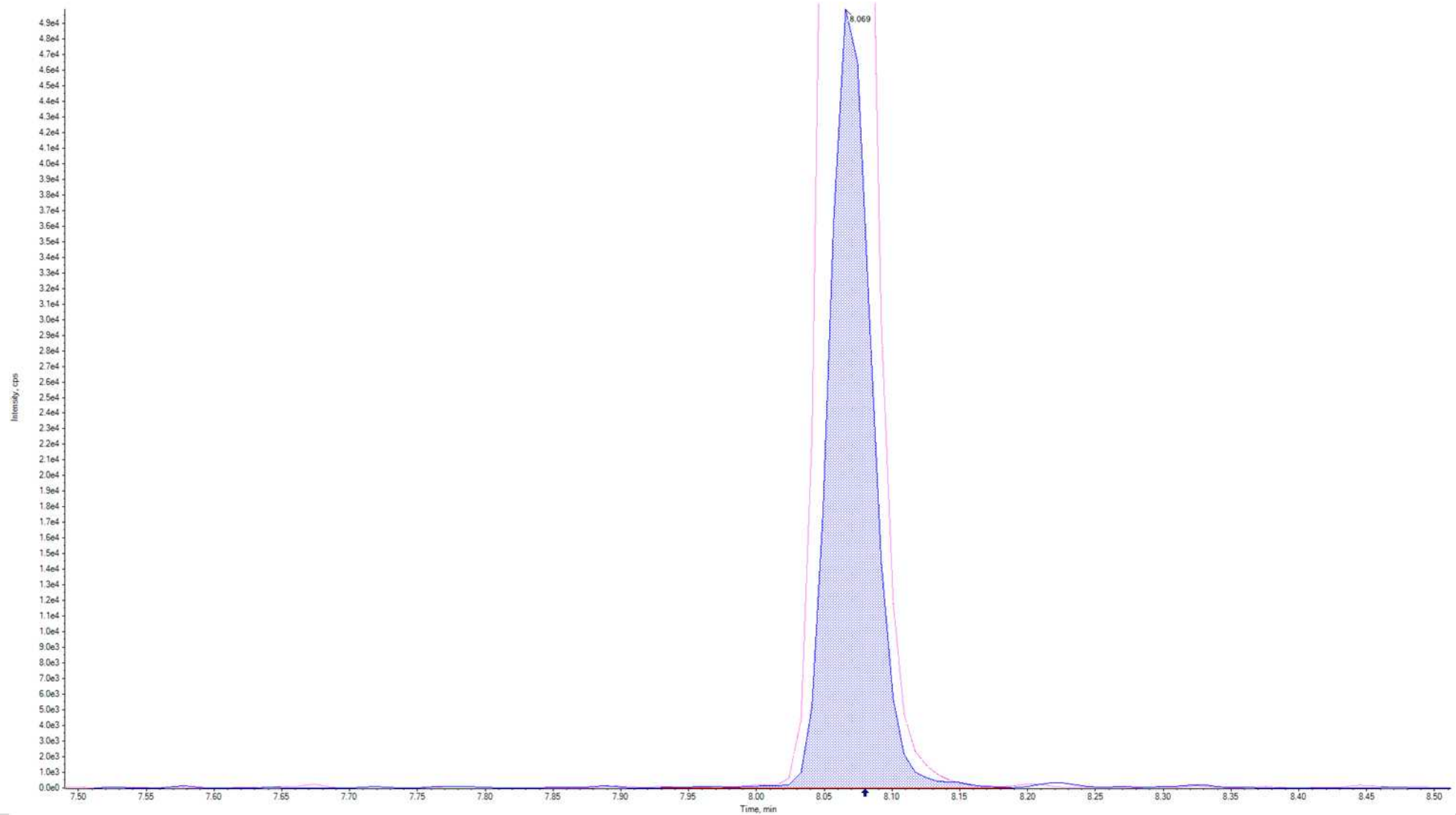
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS
Sample: IA1633STD-.5 S/N:370097.1 Points Across peak:18



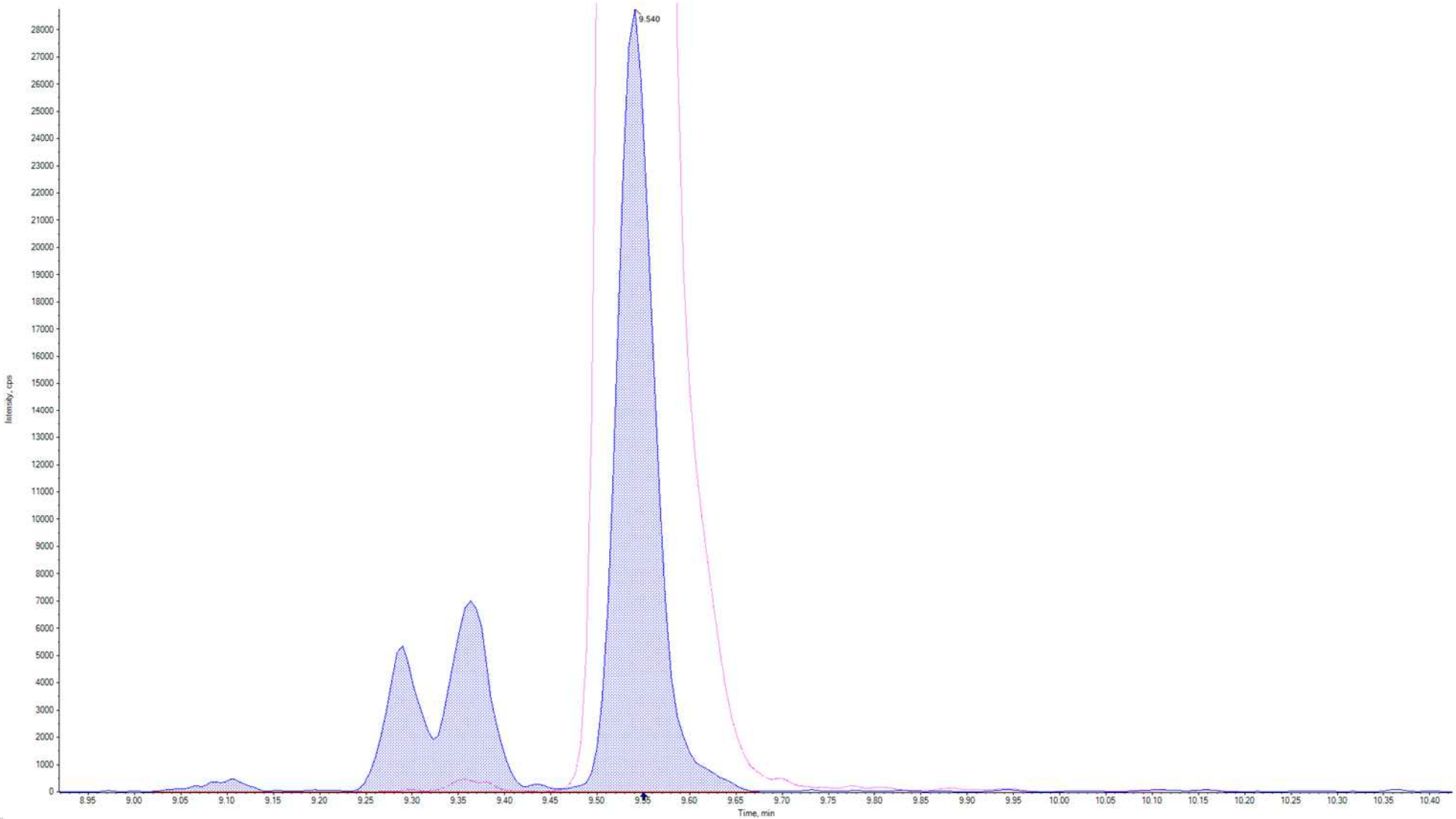
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS_2
Sample: IA1633STD-.5 S/N:7875084.0 Points Across peak:33



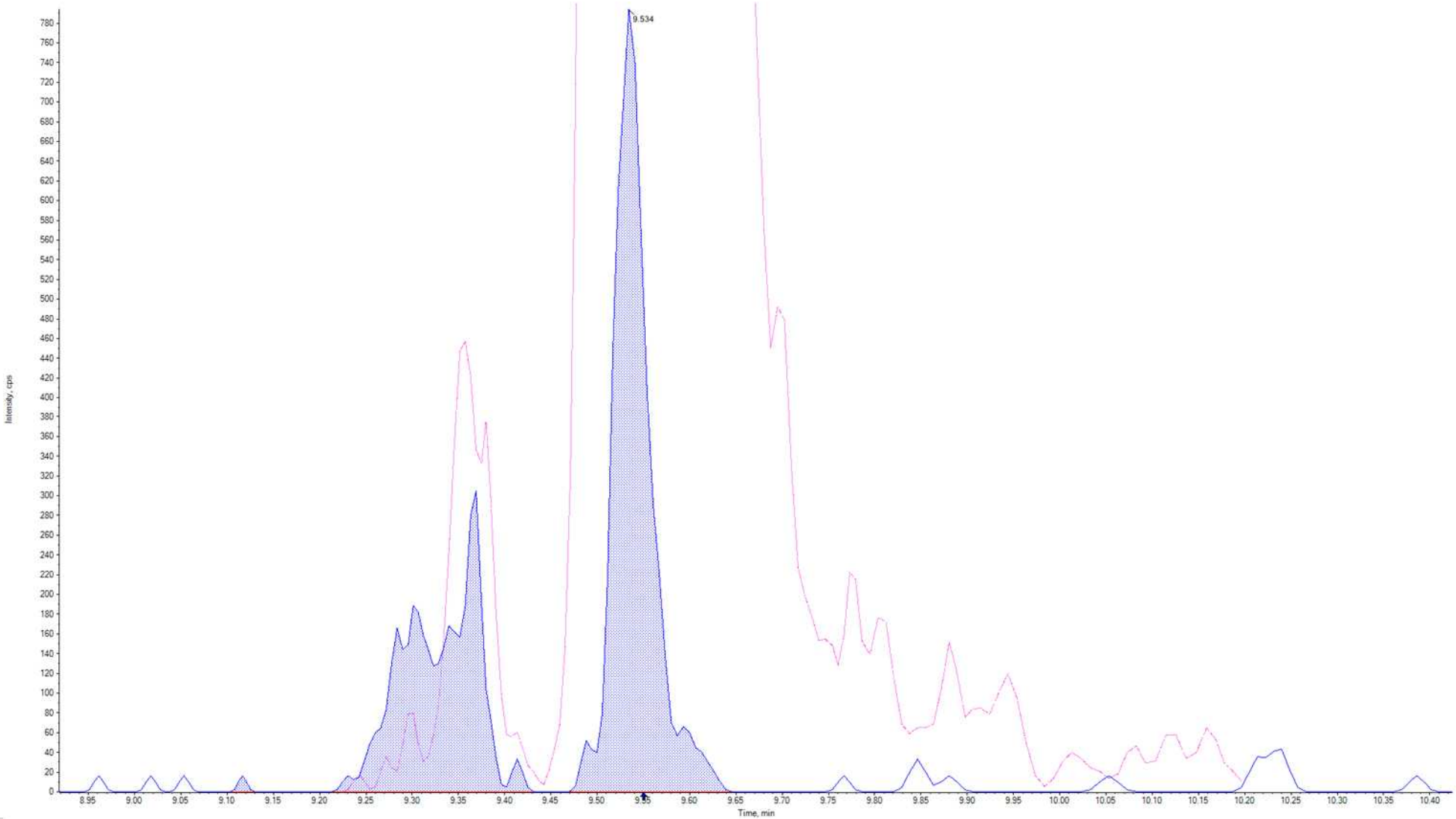
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA
Sample: IA1633STD-.5 S/N:872.1 Points Across peak:119



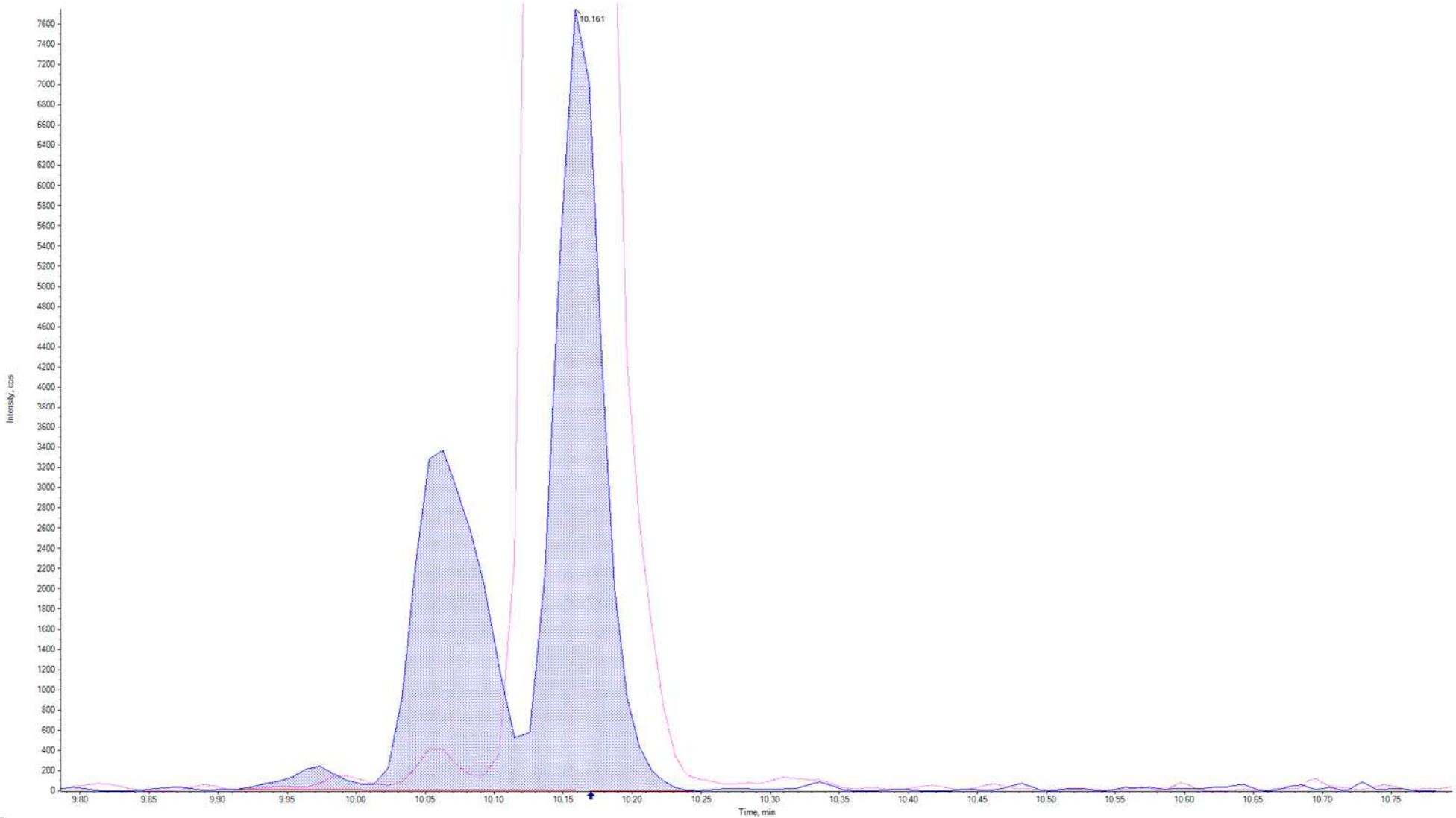
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA_2
Sample: IA1633STD-.5 S/N:379.9 Points Across peak:97



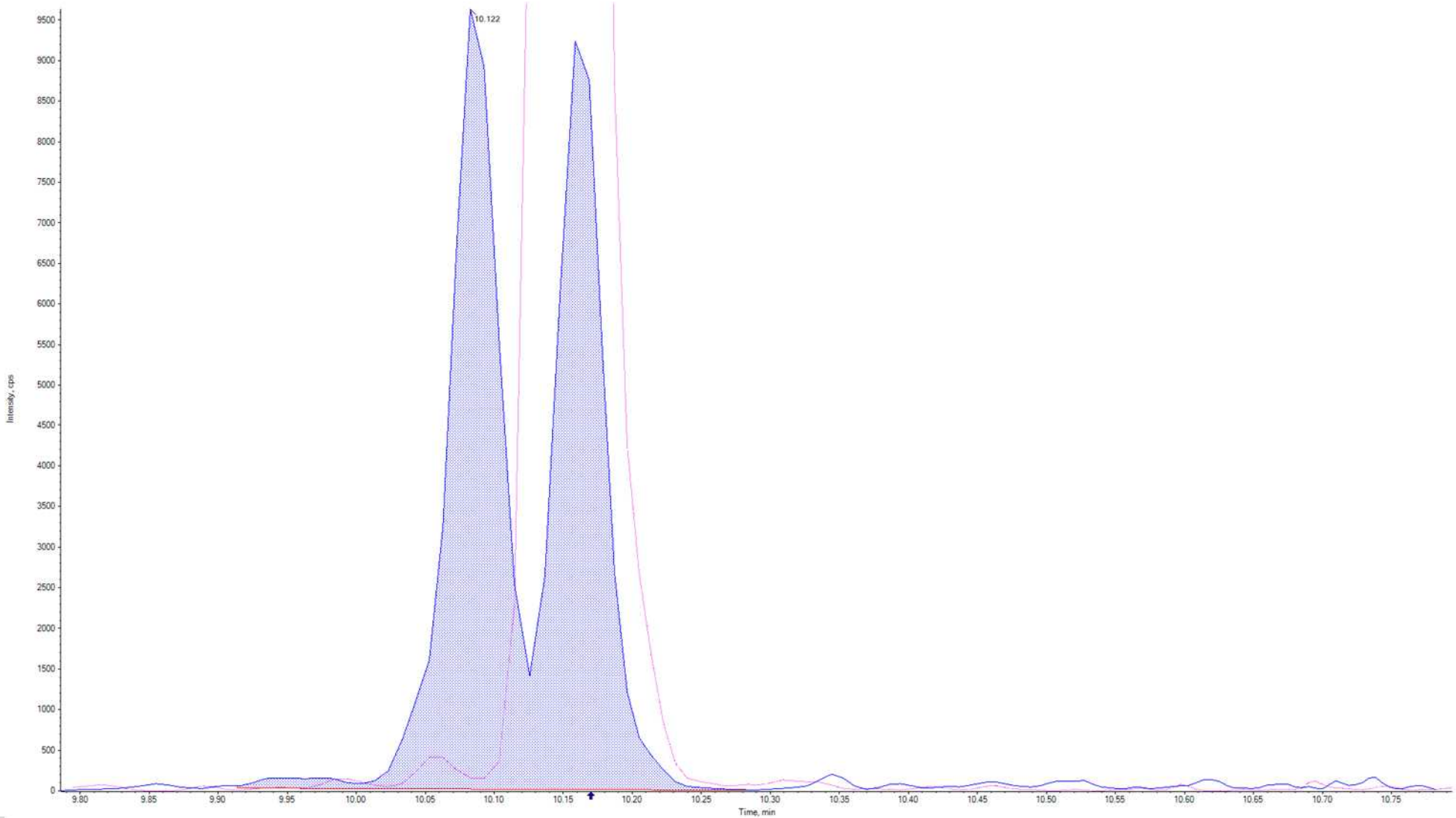
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA
Sample: IA1633STD-.5 S/N:23429.5 Points Across peak:36



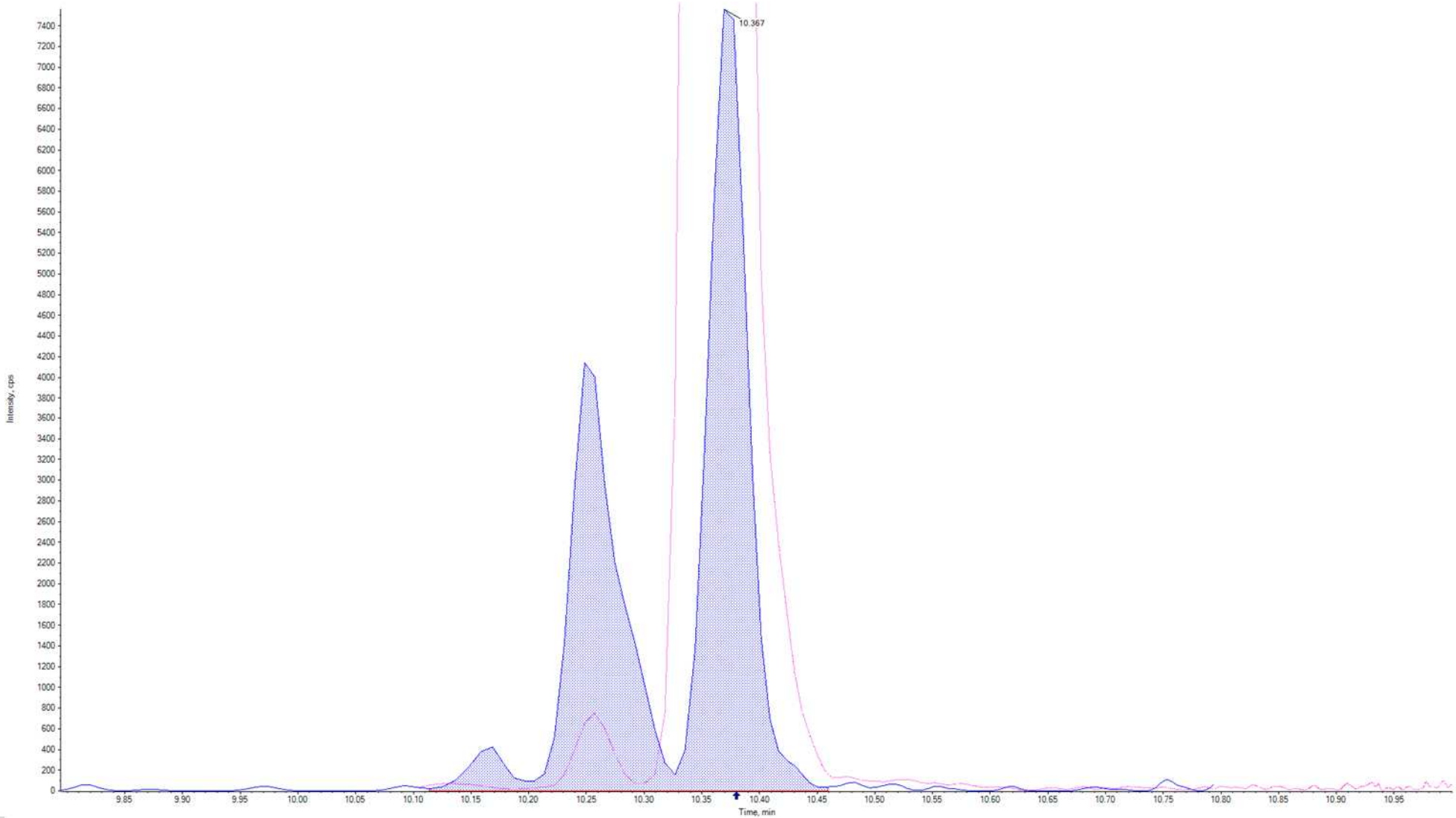
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA_2
Sample: IA1633STD-.5 S/N:571.6 Points Across peak:41



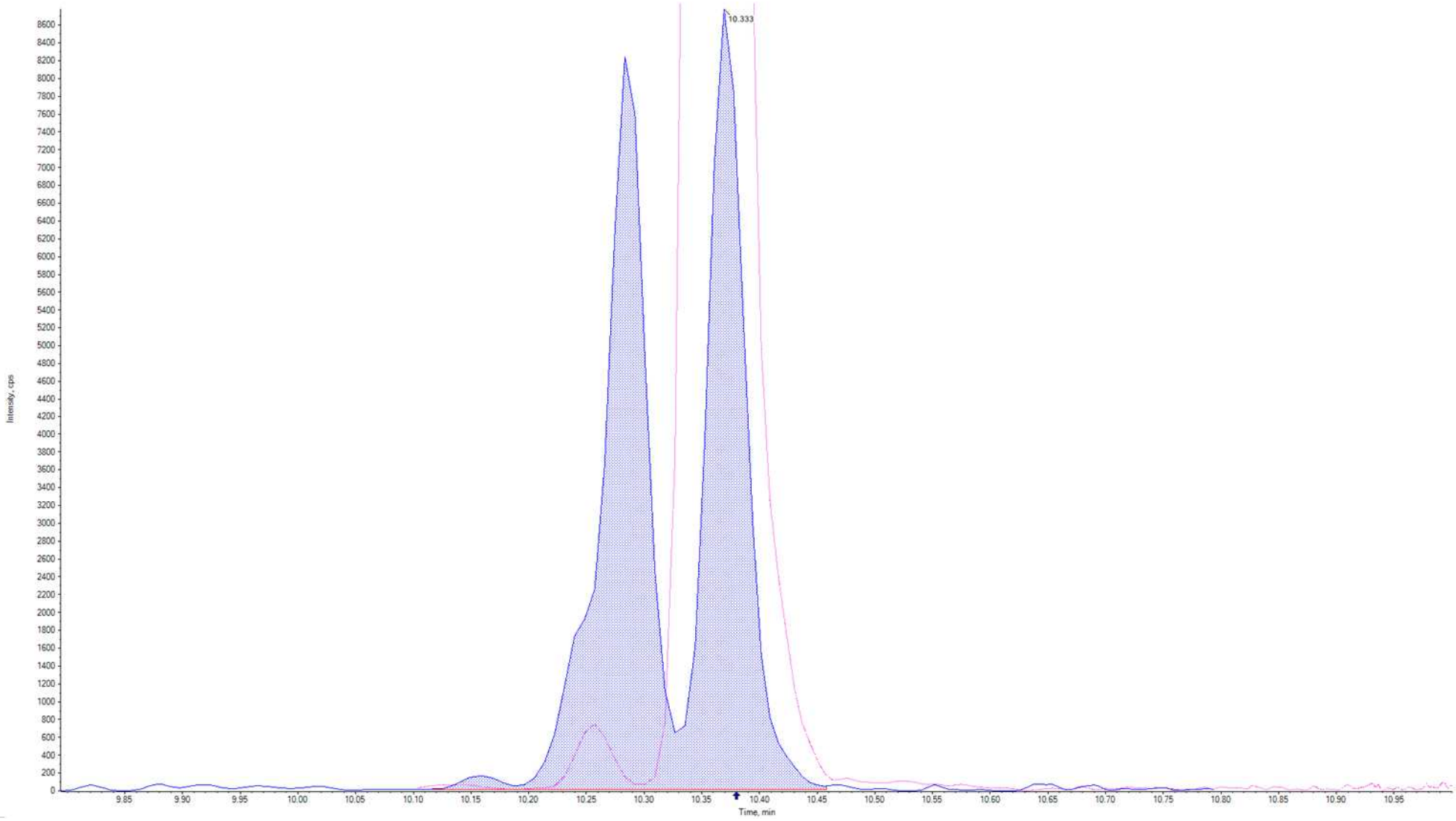
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA
Sample: IA1633STD-.5 S/N:227761.7 Points Across peak:43



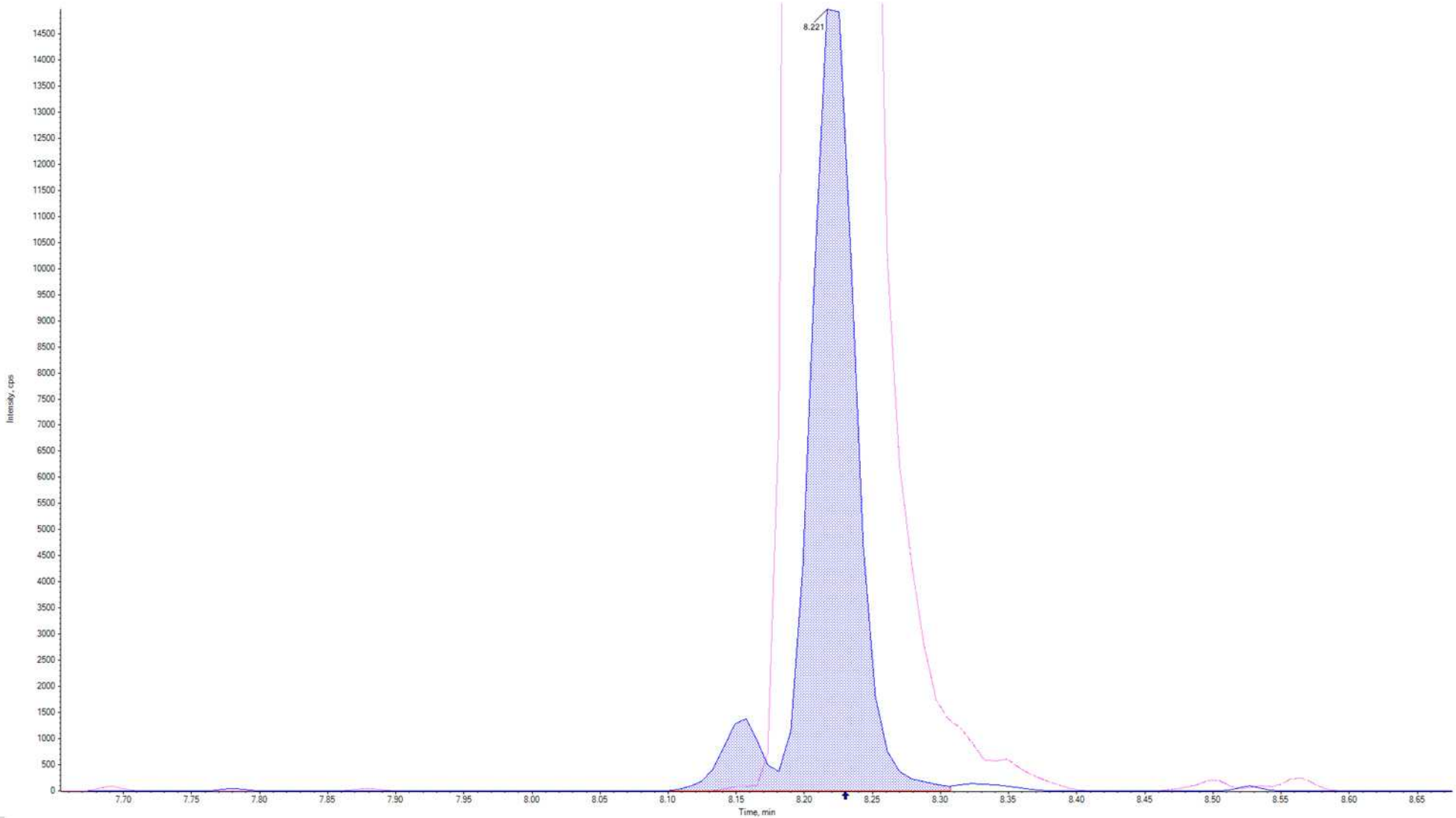
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA_2
Sample: IA1633STD-.5 S/N:4219.1 Points Across peak:43



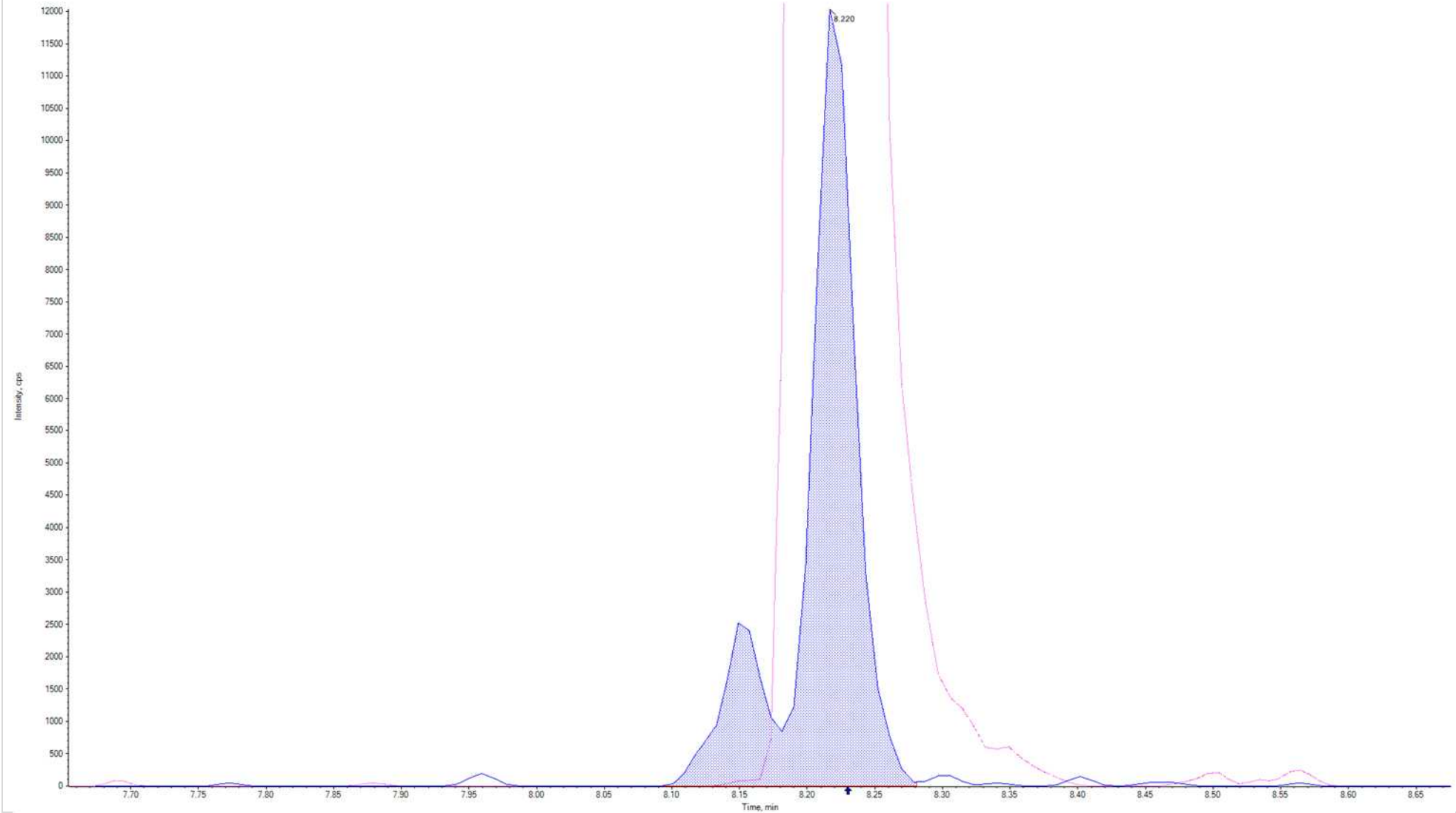
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA
Sample: IA1633STD-.5 S/N:810.5 Points Across peak:27



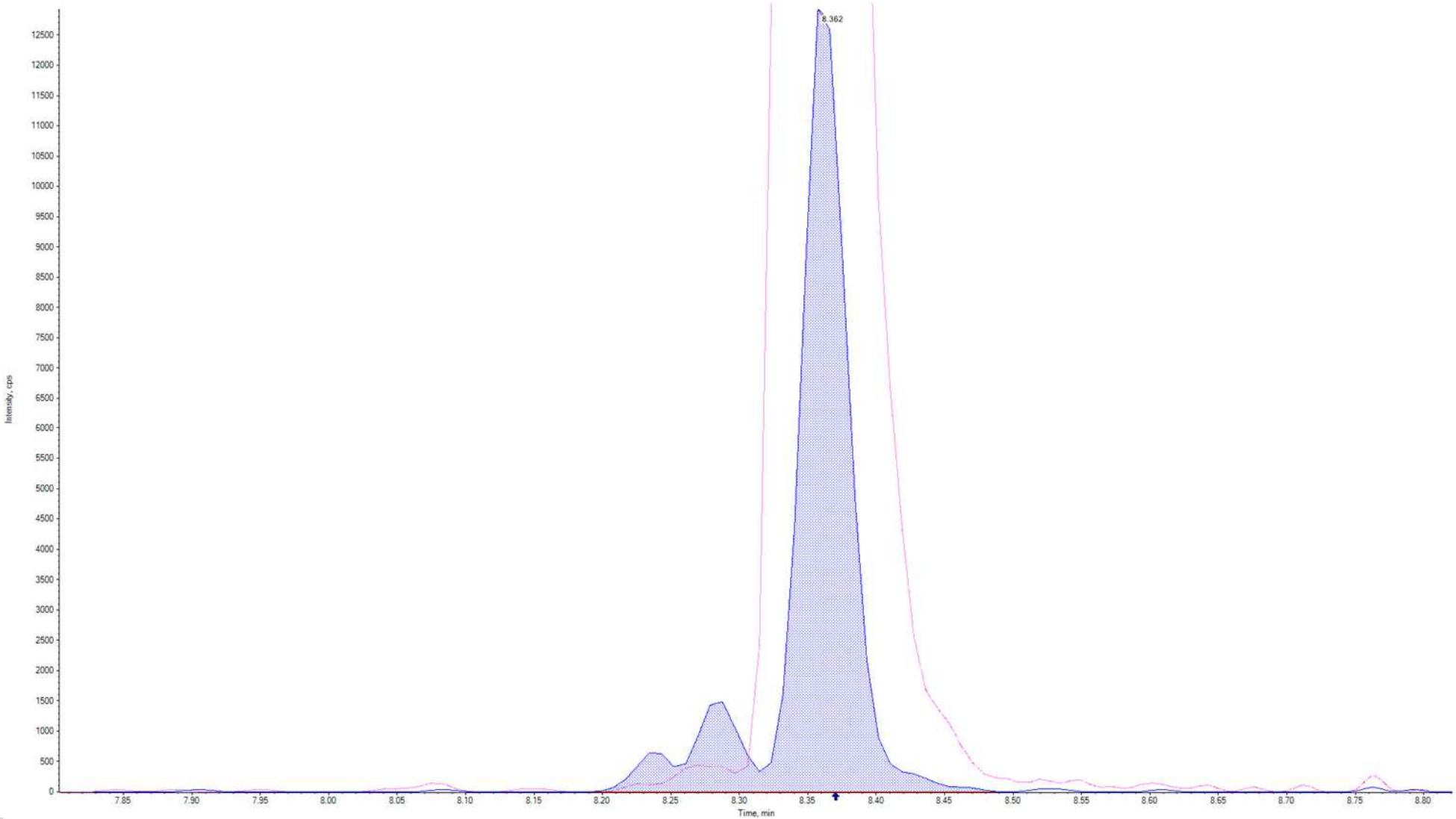
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA_2
Sample: IA1633STD-.5 S/N:362.0 Points Across peak:25



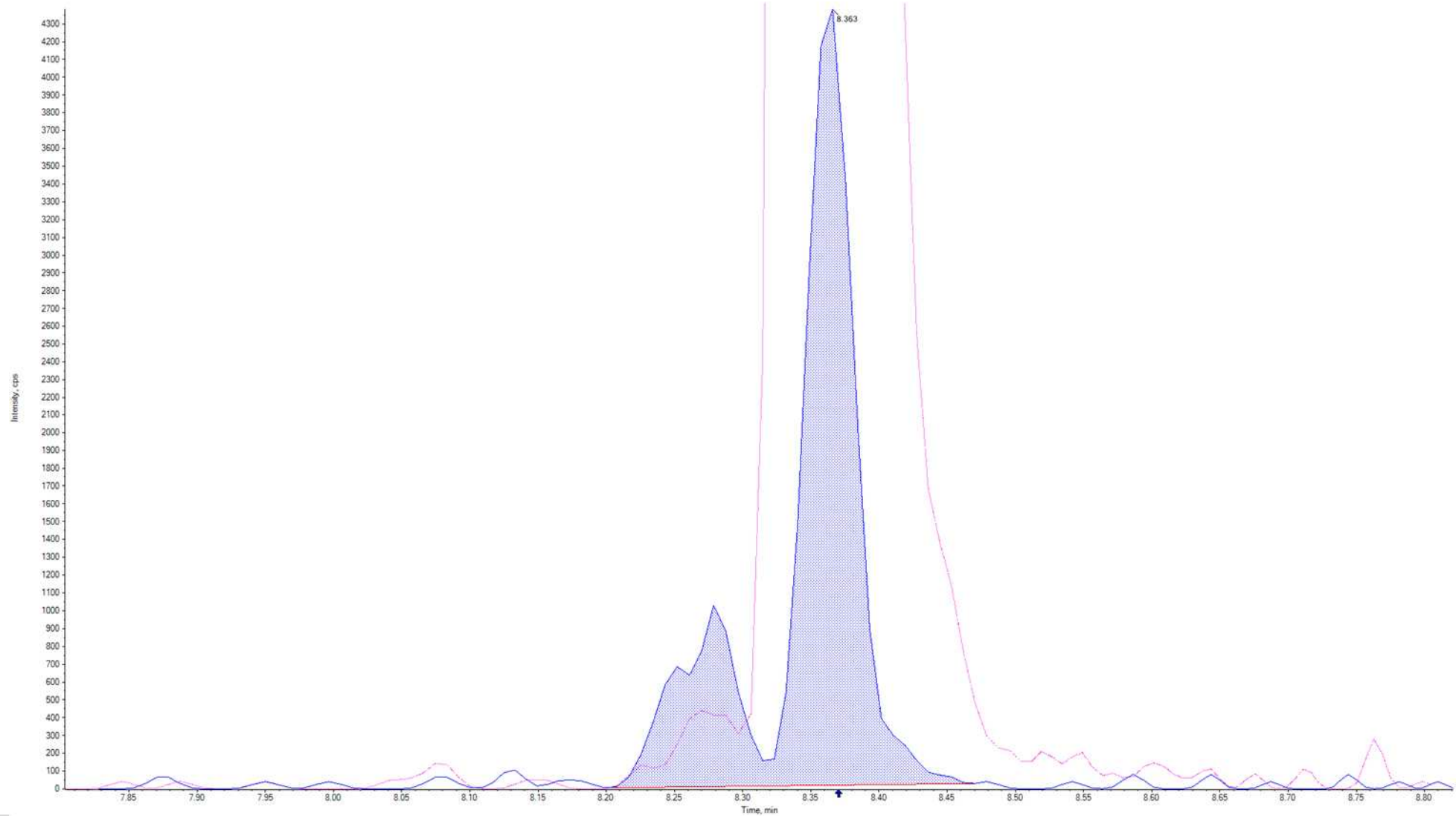
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA
Sample: IA1633STD-.5 S/N:455.0 Points Across peak:38



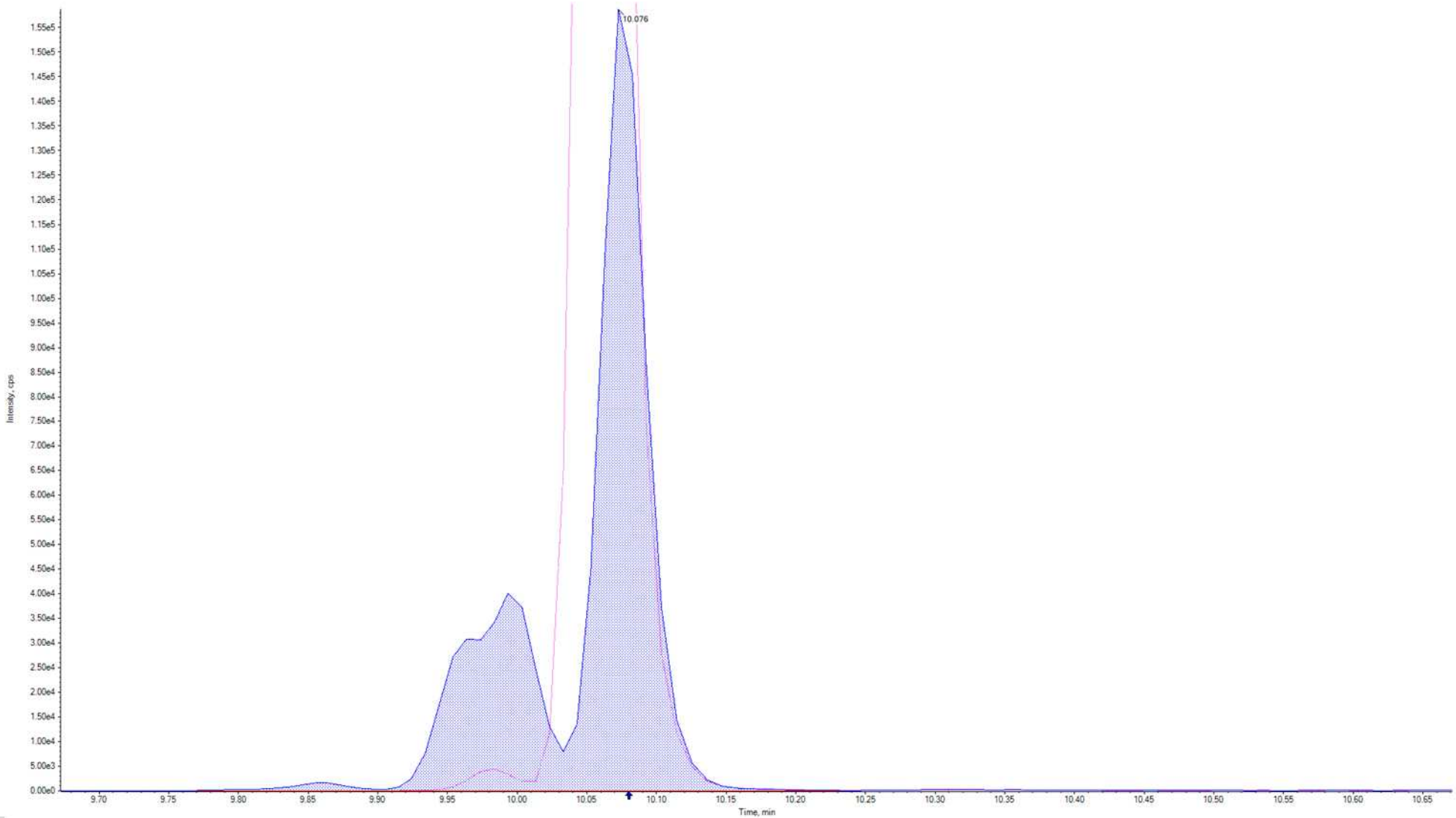
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA_2
Sample: IA1633STD-.5 S/N:155.3 Points Across peak:32



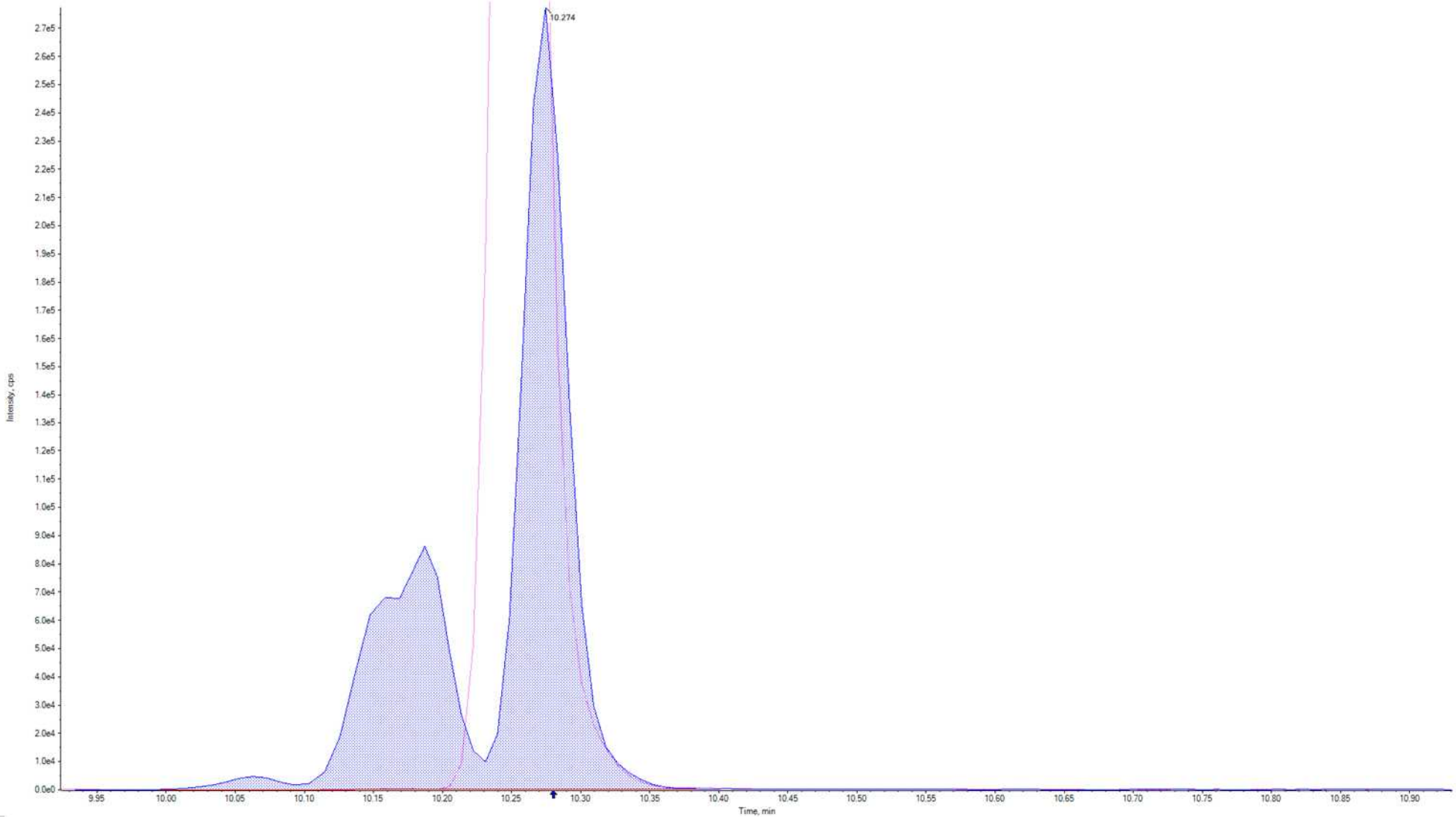
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSE
Sample: IA1633STD-.5 S/N:4149.2 Points Across peak:52



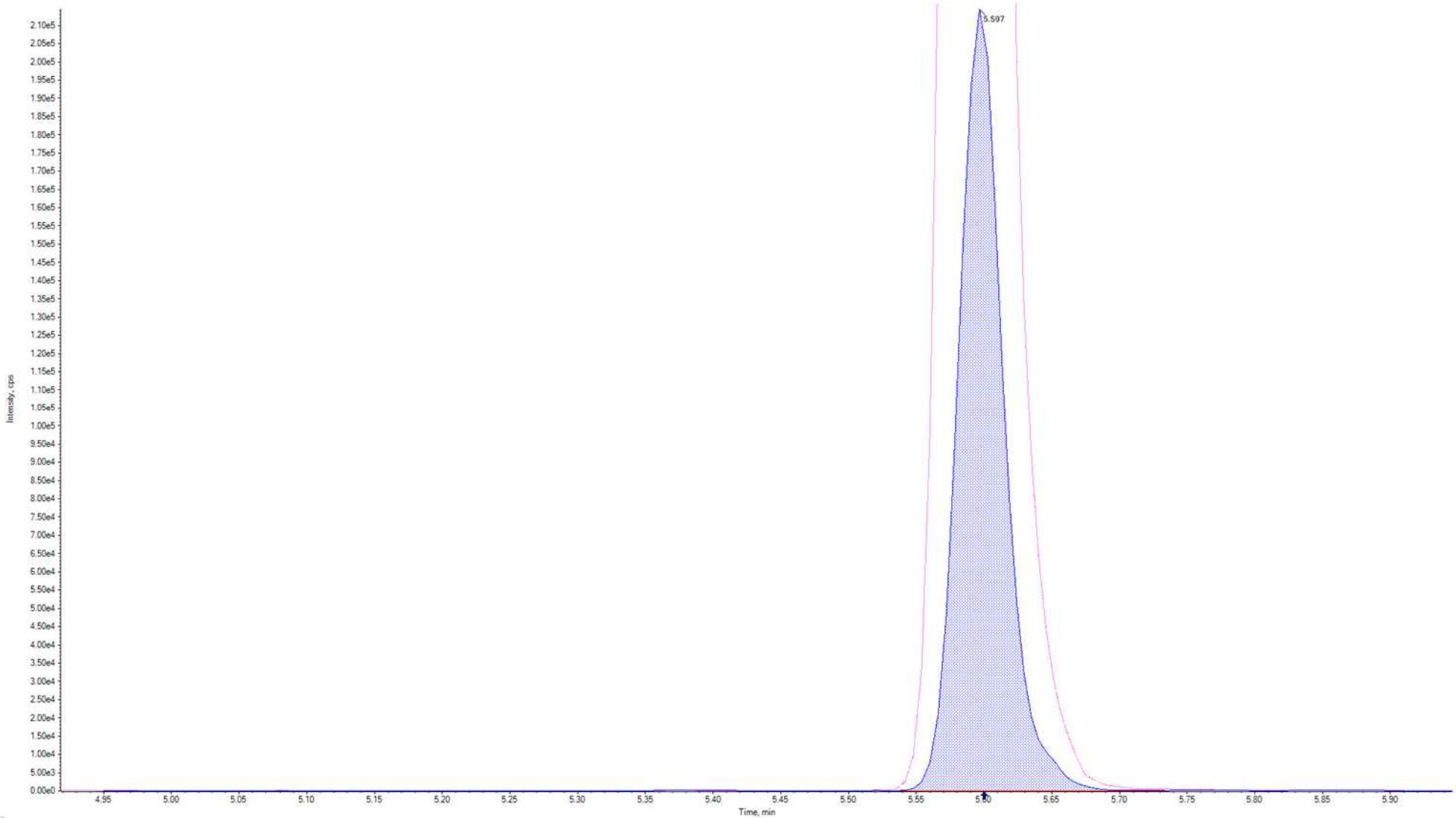
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSE
Sample: IA1633STD-.5 S/N:2095.0 Points Across peak:45



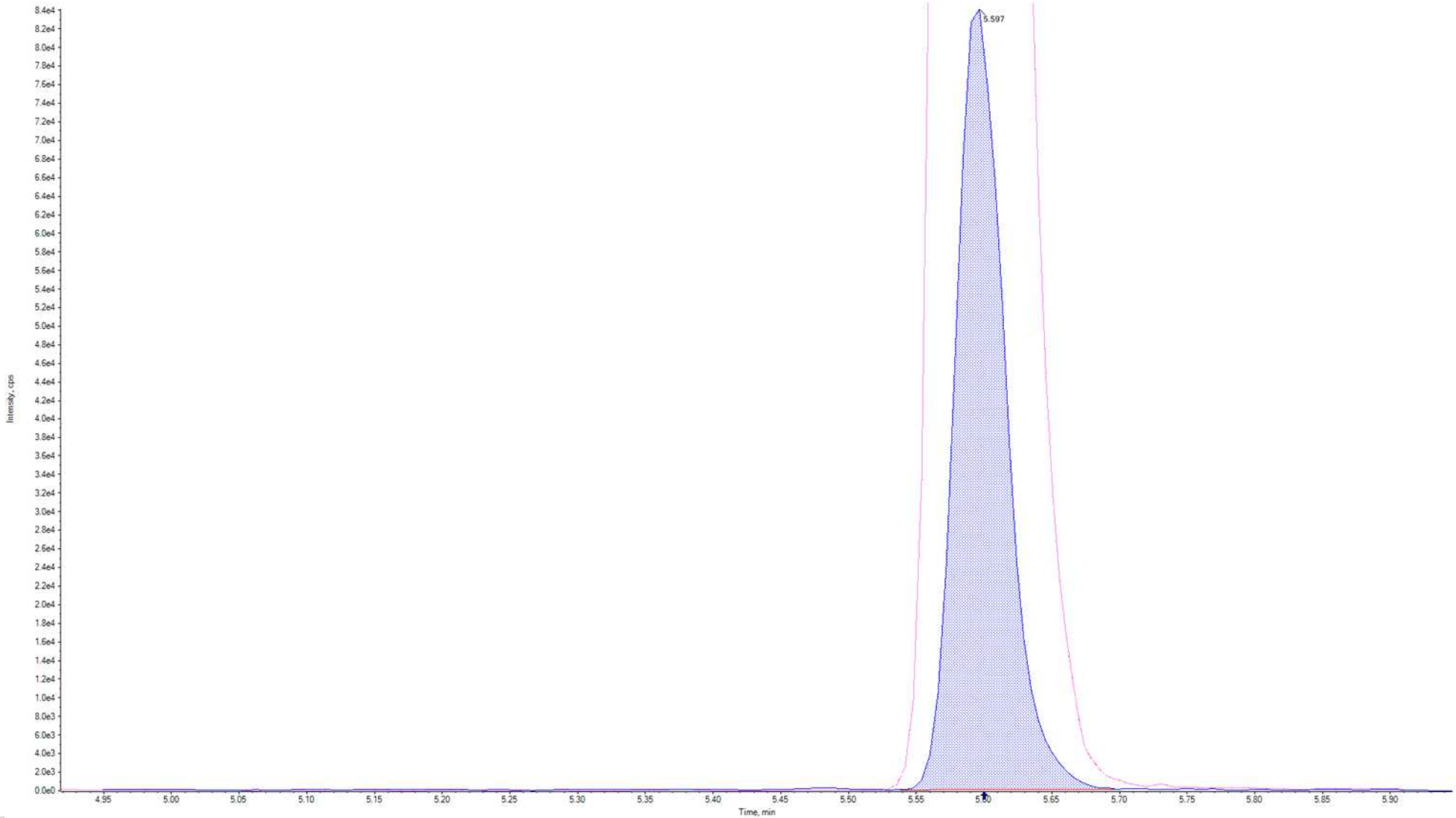
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA
Sample: IA1633STD-.5 S/N:7412.2 Points Across peak:41



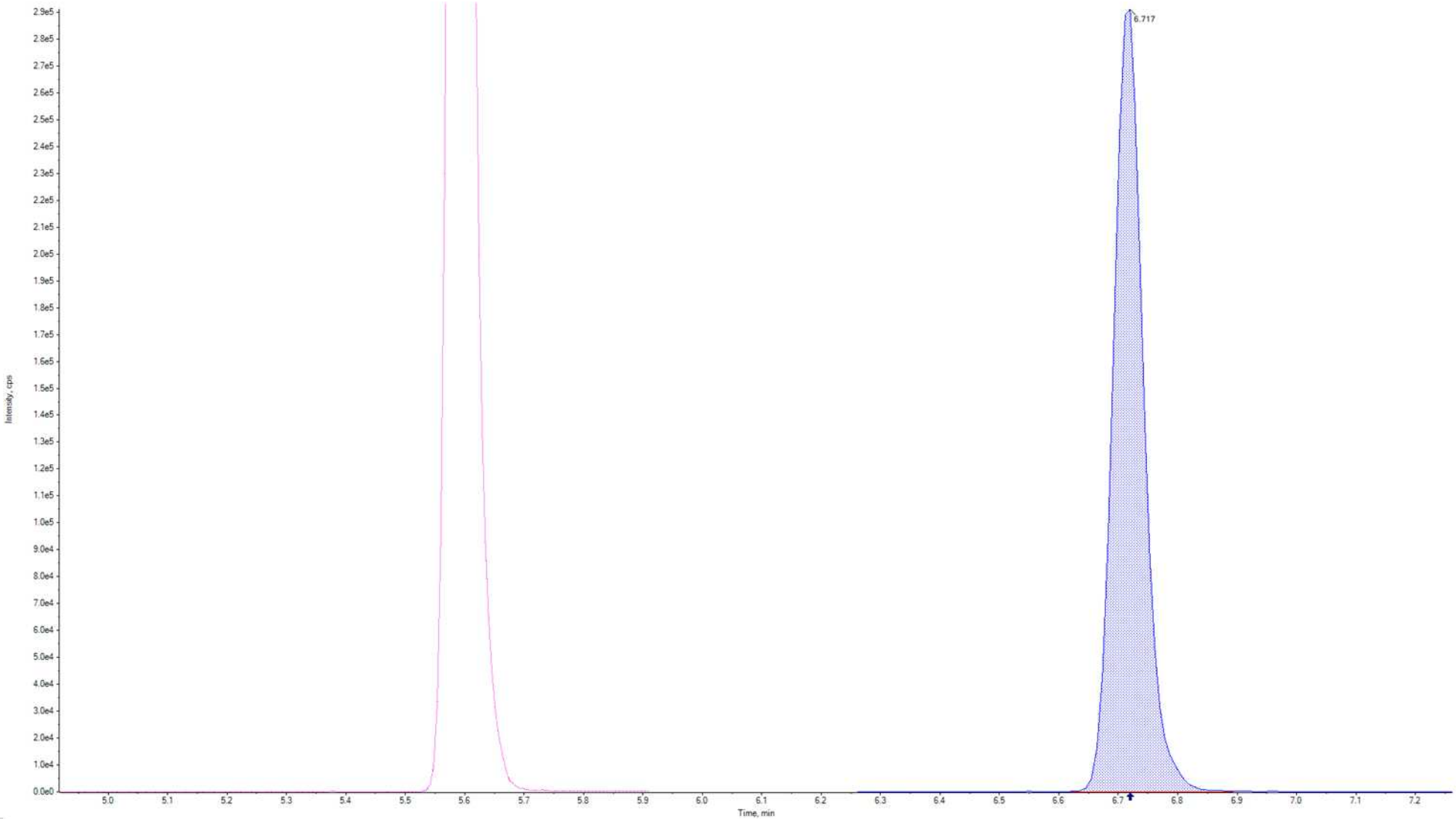
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA_2
Sample: IA1633STD-.5 S/N:2439.8 Points Across peak:33



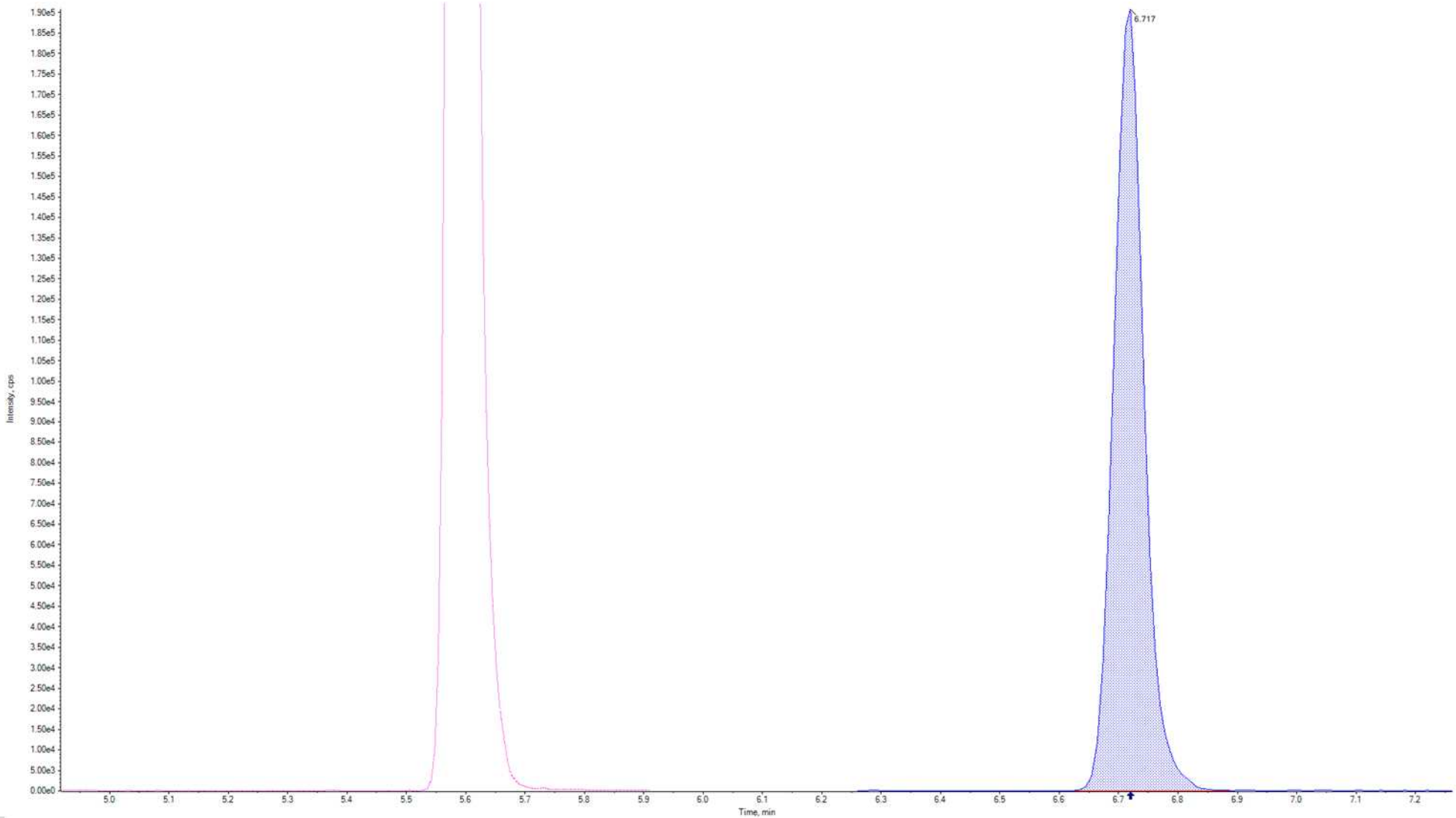
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

ADONA
Sample: IA1633STD-.5 S/N:341419.7 Points Across peak:39



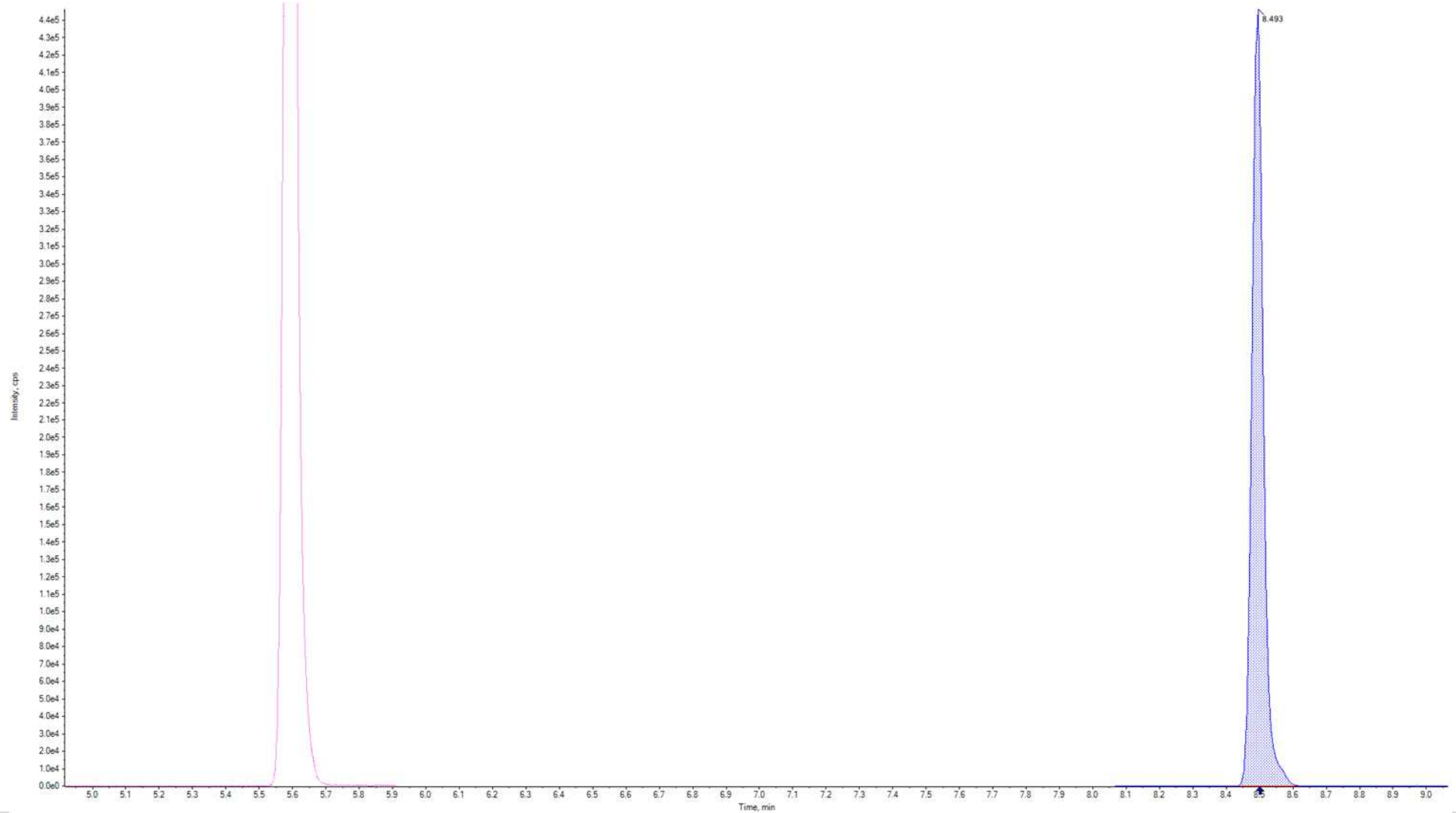
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

ADONA_2
Sample: IA1633STD-.5 S/N:13260.6 Points Across peak:38



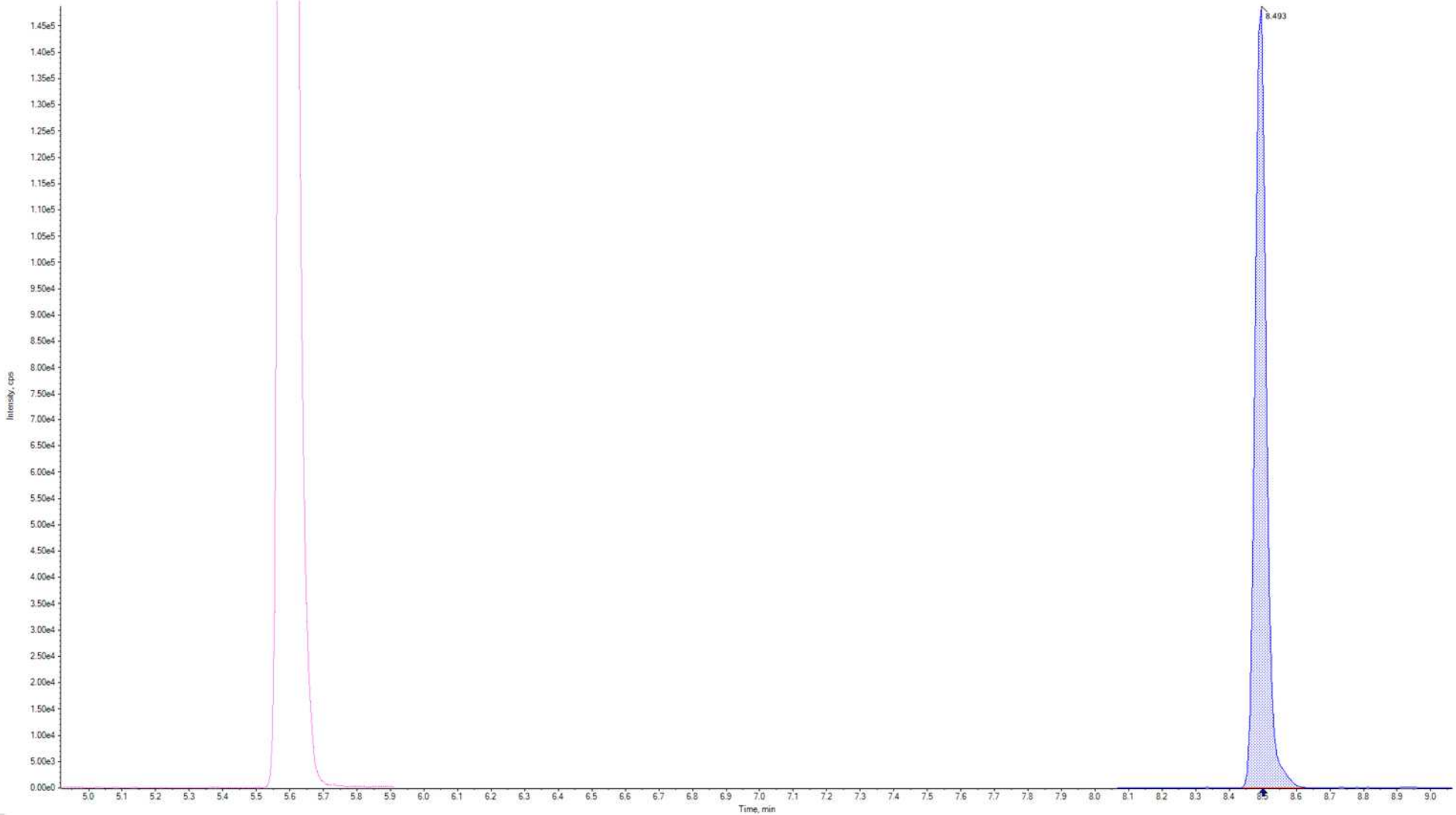
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS
Sample: IA1633STD-.5 S/N:2862684.6 Points Across peak:28



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS_2
Sample: IA1633STD-.5 S/N:25976.2 Points Across peak:29



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS
Sample: IA1633STD-.5 S/N:3192.8 Points Across peak:45



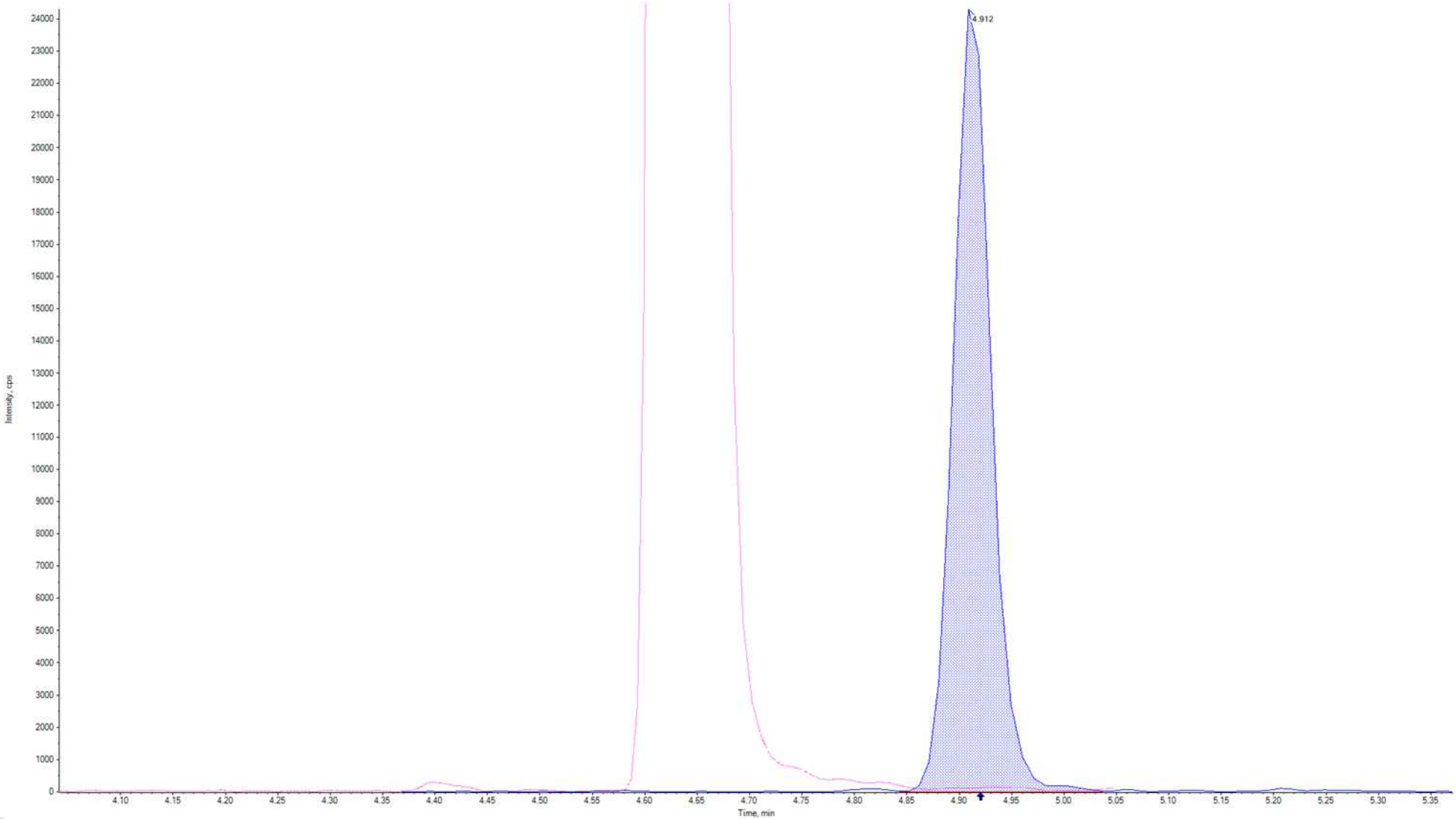
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS_2
Sample: IA1633STD-.5 S/N:14923487.0 Points Across peak:36



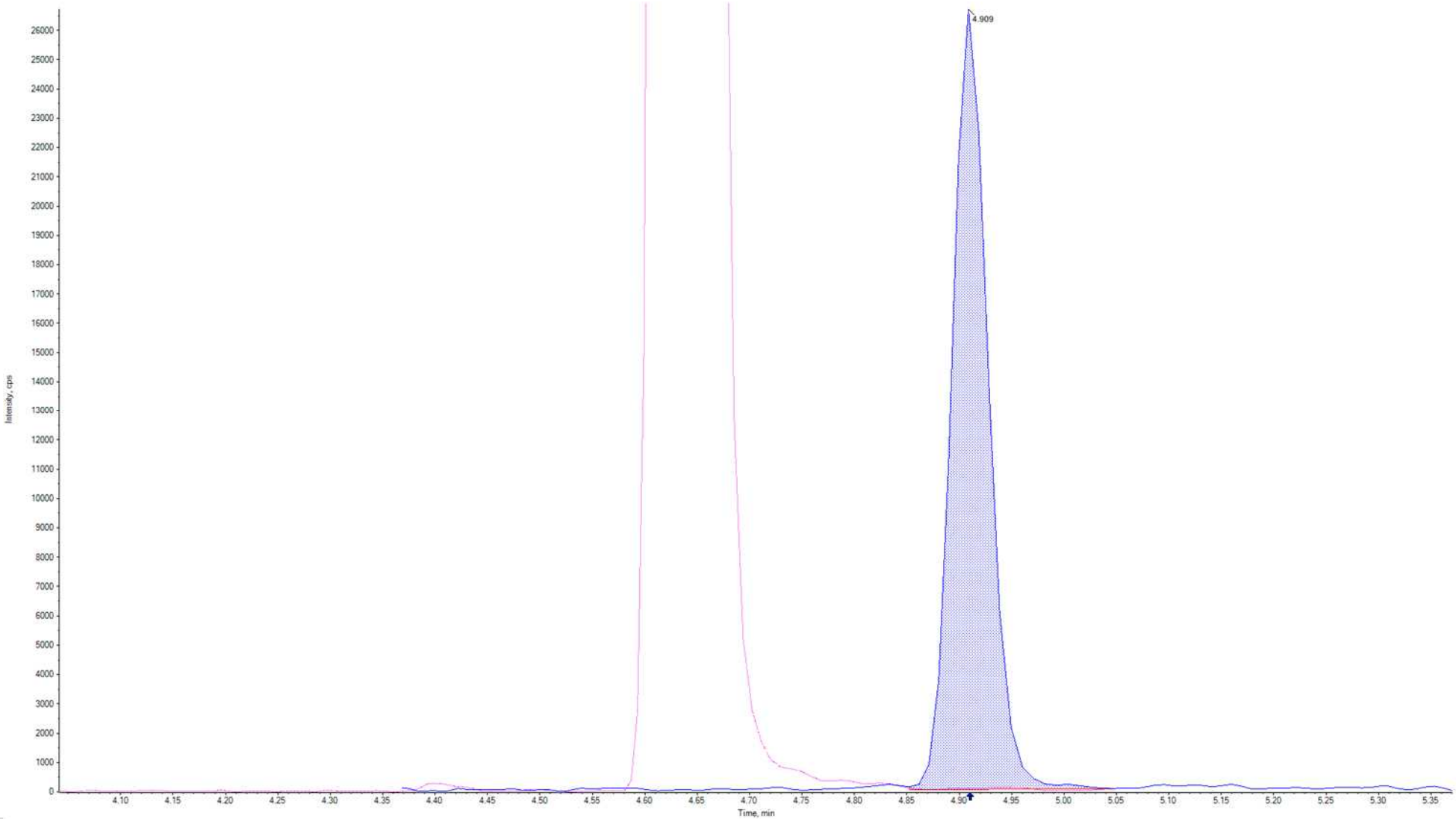
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA
Sample: IA1633STD-.5 S/N:652224.2 Points Across peak:20



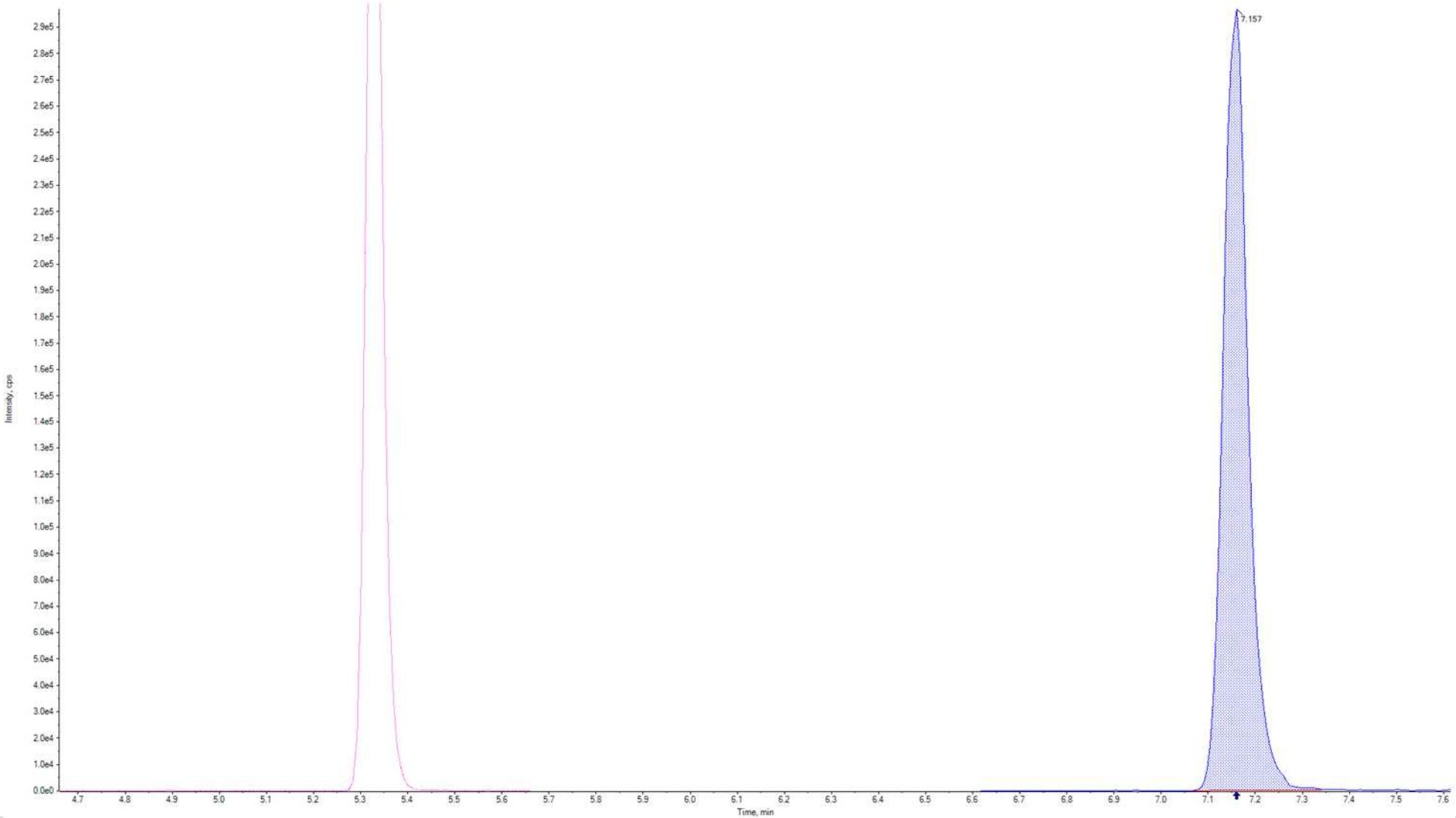
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA_2
Sample: IA1633STD-.5 S/N:1084.6 Points Across peak:20



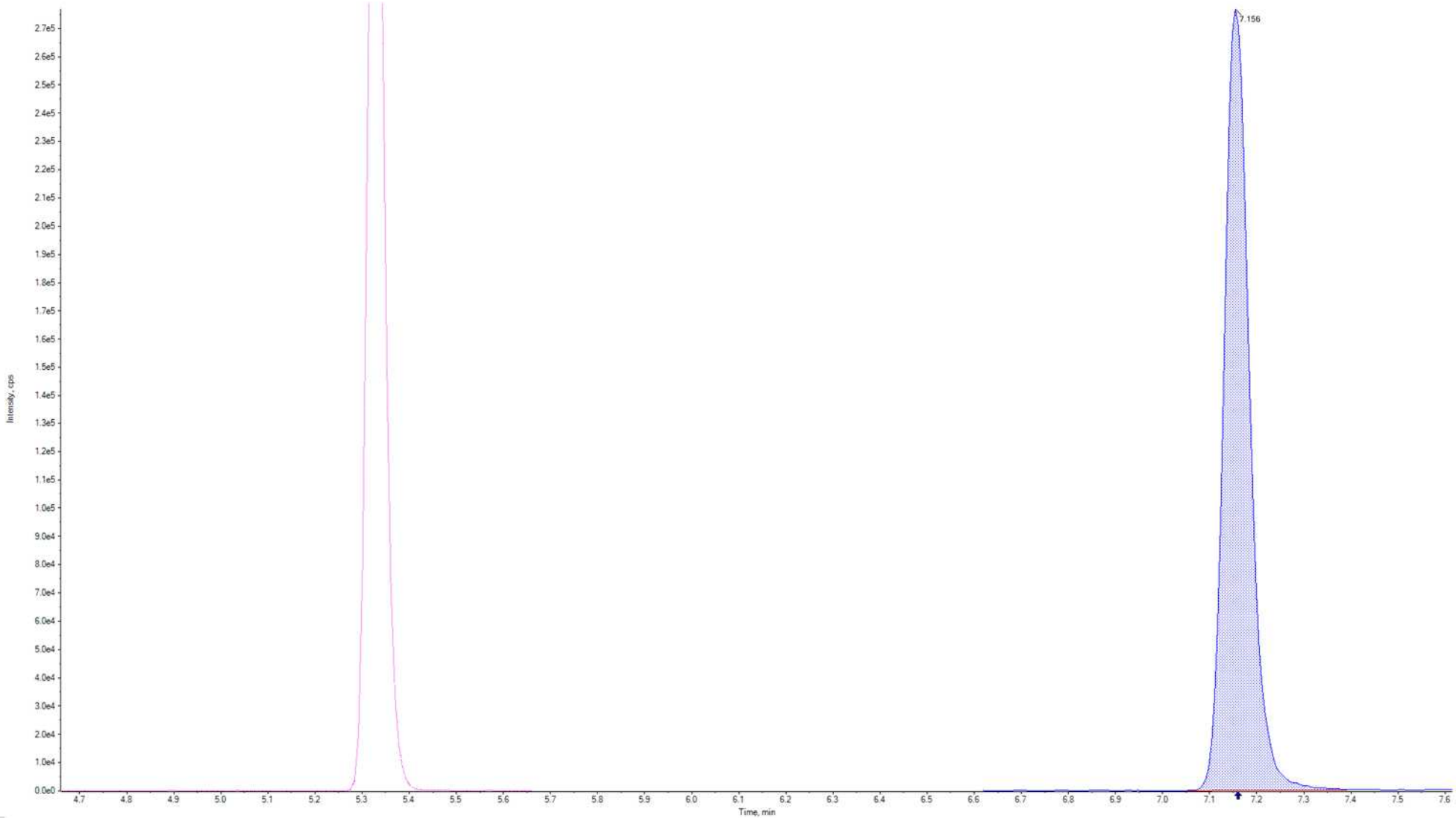
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA
Sample: IA1633STD-.5 S/N:17454.2 Points Across peak:47



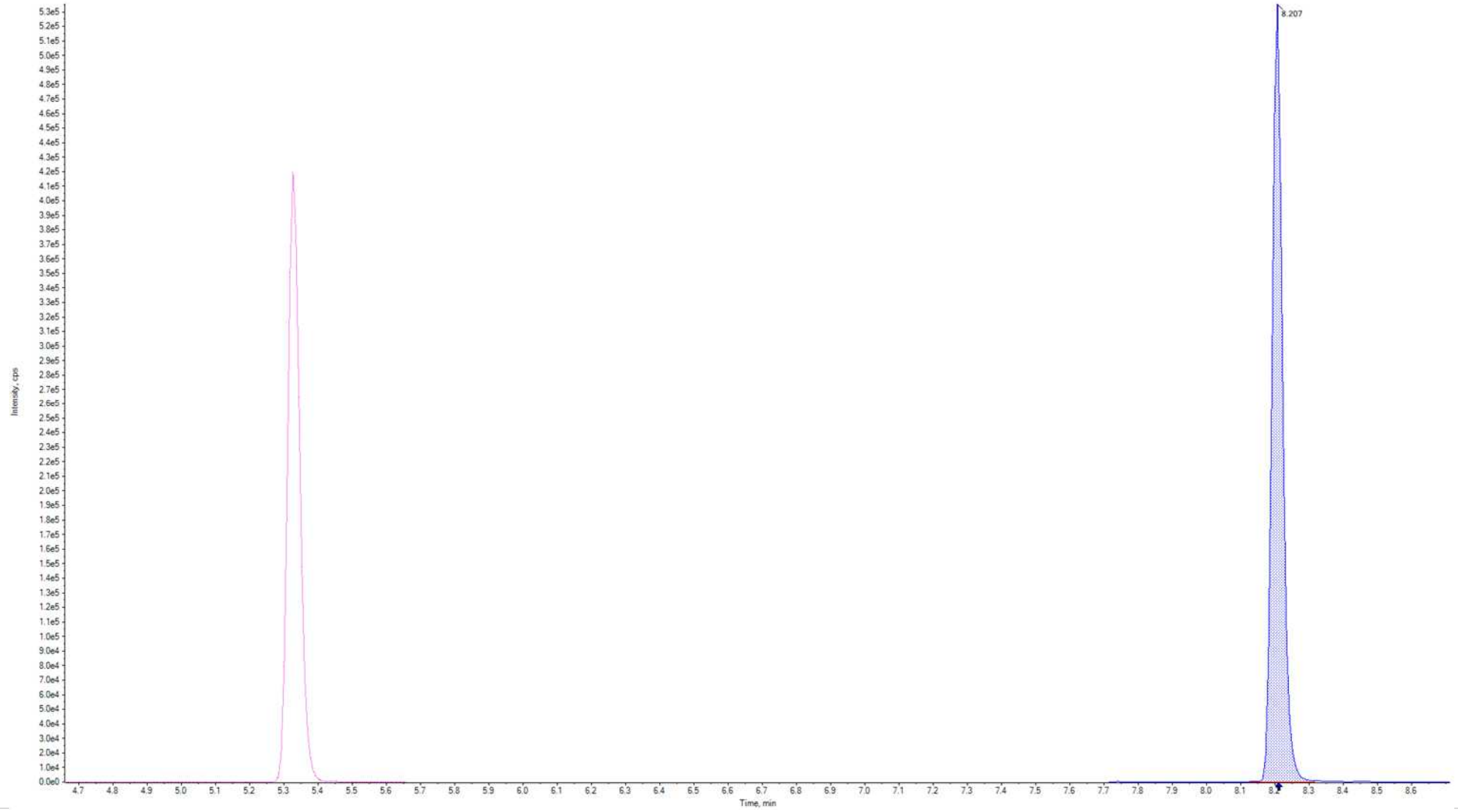
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA_2
Sample: IA1633STD-.5 S/N:6149.3 Points Across peak:59



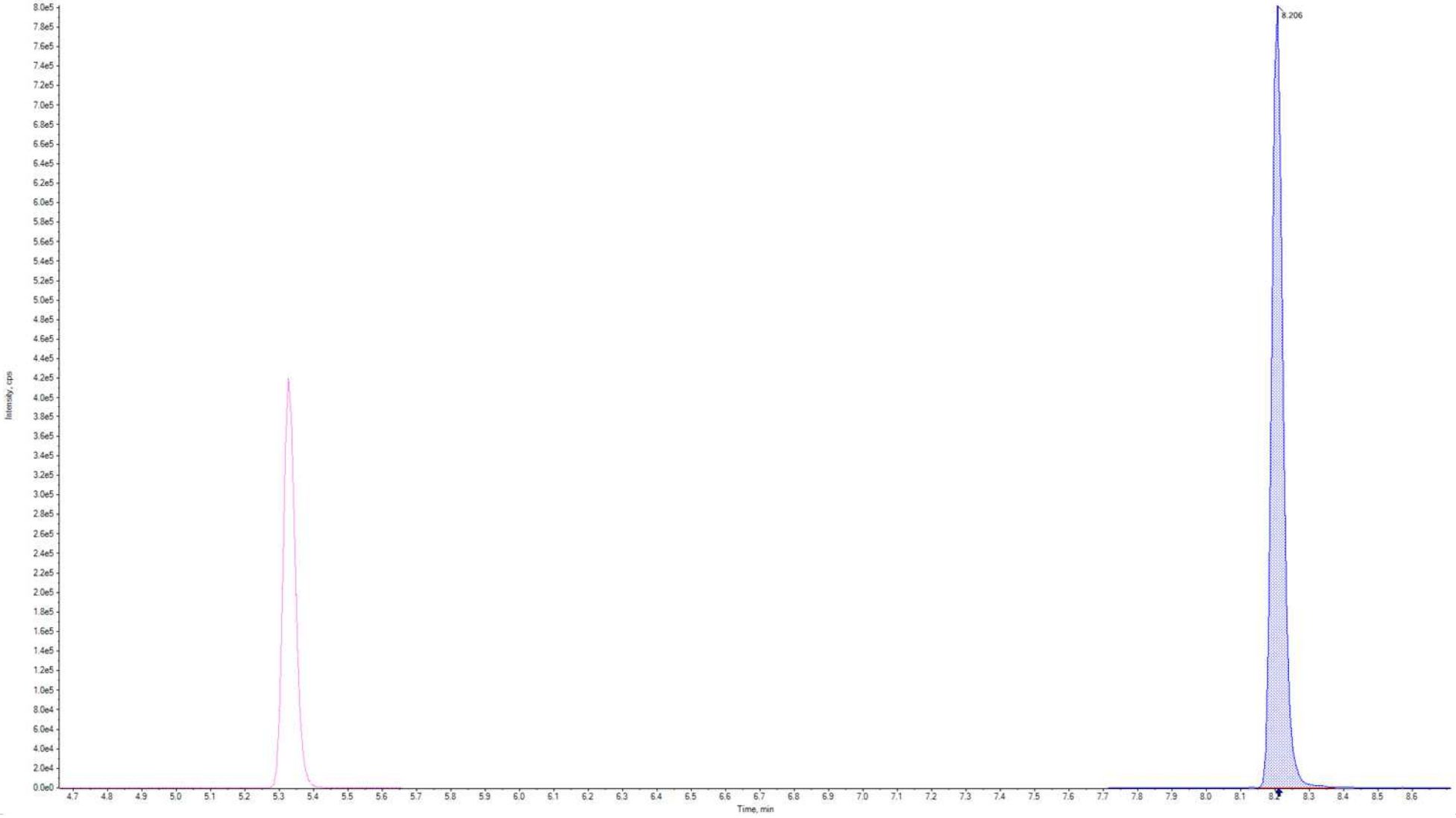
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA
Sample: IA1633STD-.5 S/N:1064937.9 Points Across peak:28



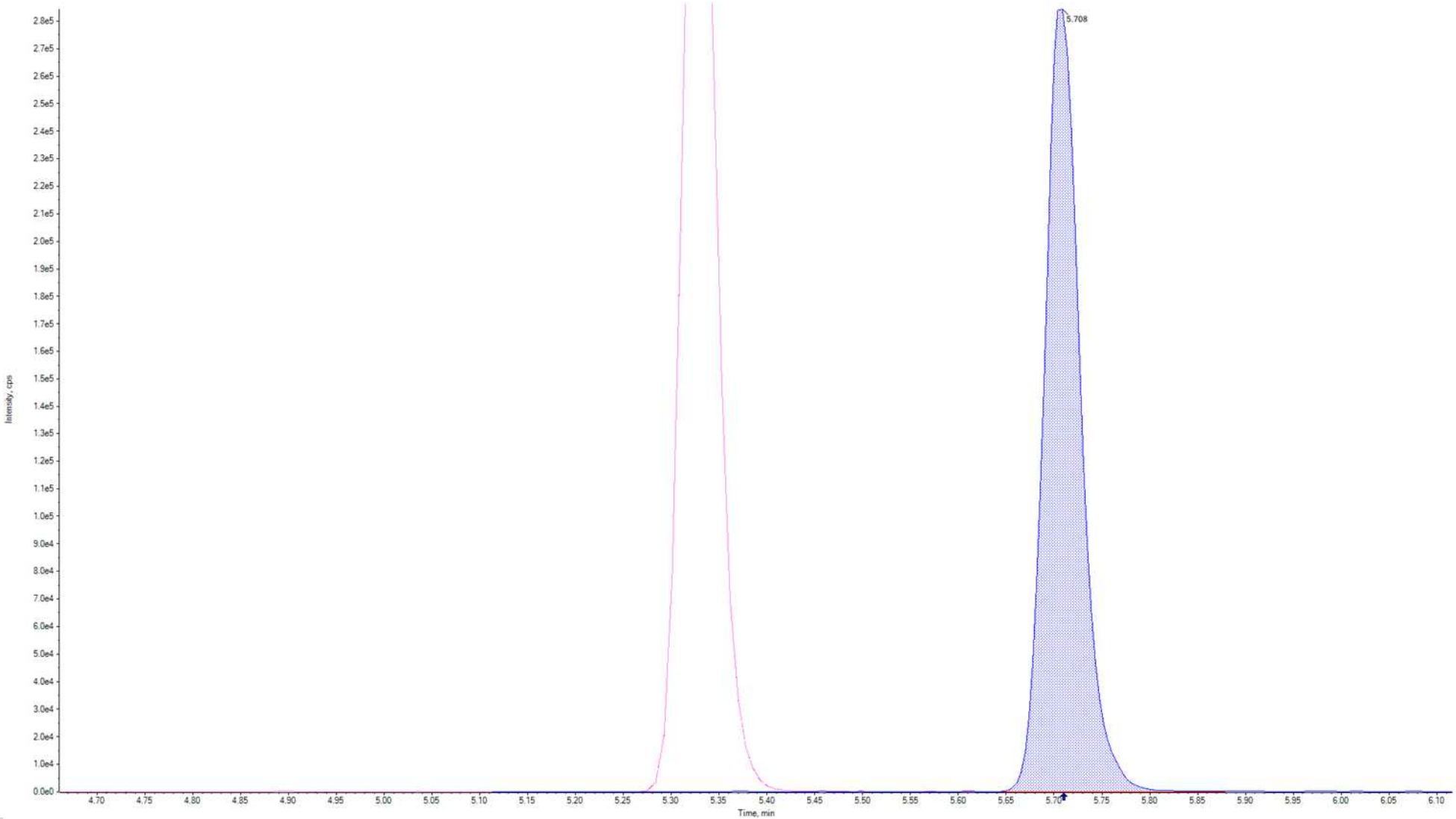
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA_2
Sample: IA1633STD-.5 S/N:14103.0 Points Across peak:27



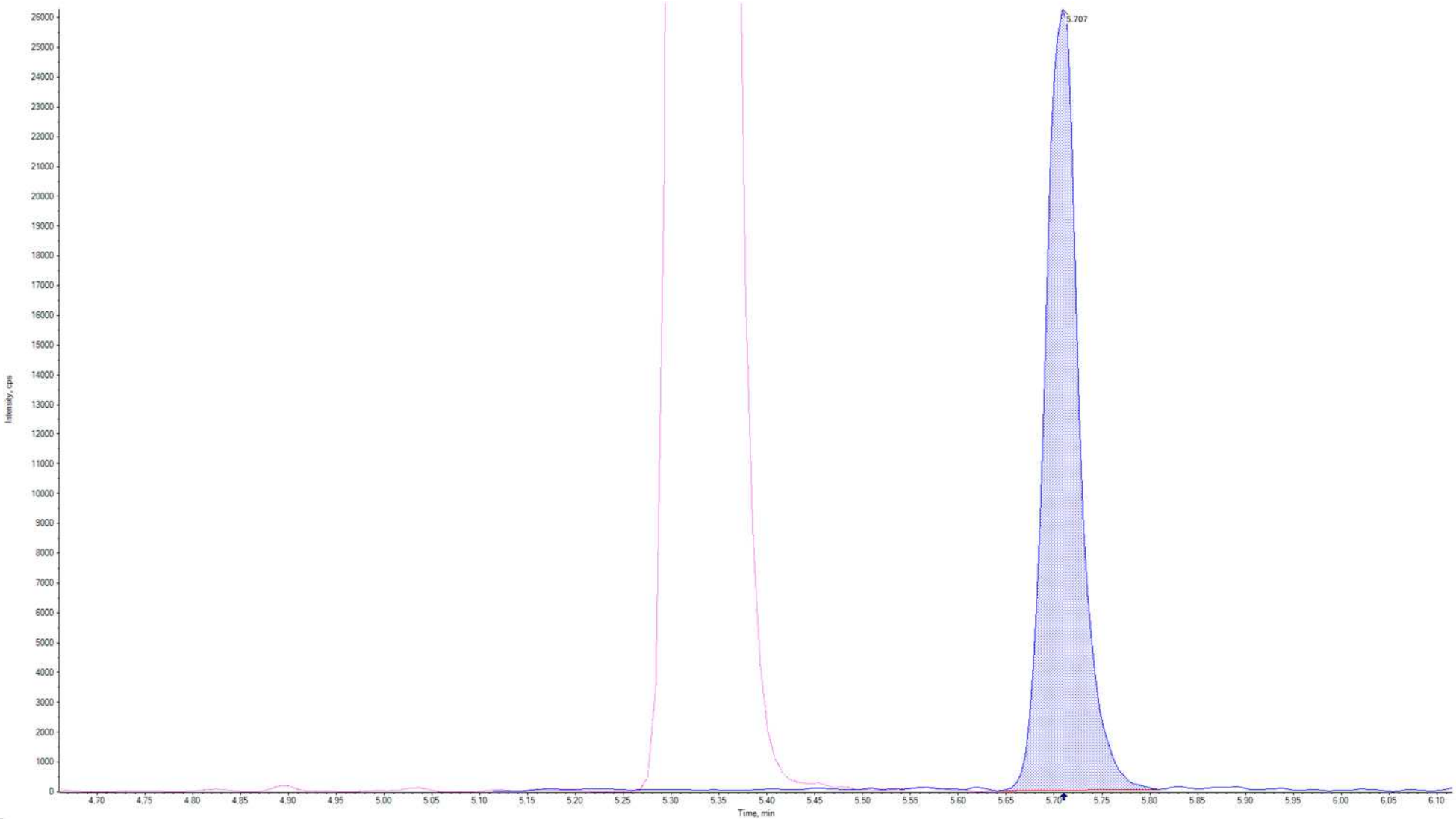
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA
Sample: IA1633STD-.5 S/N:5953.4 Points Across peak:49



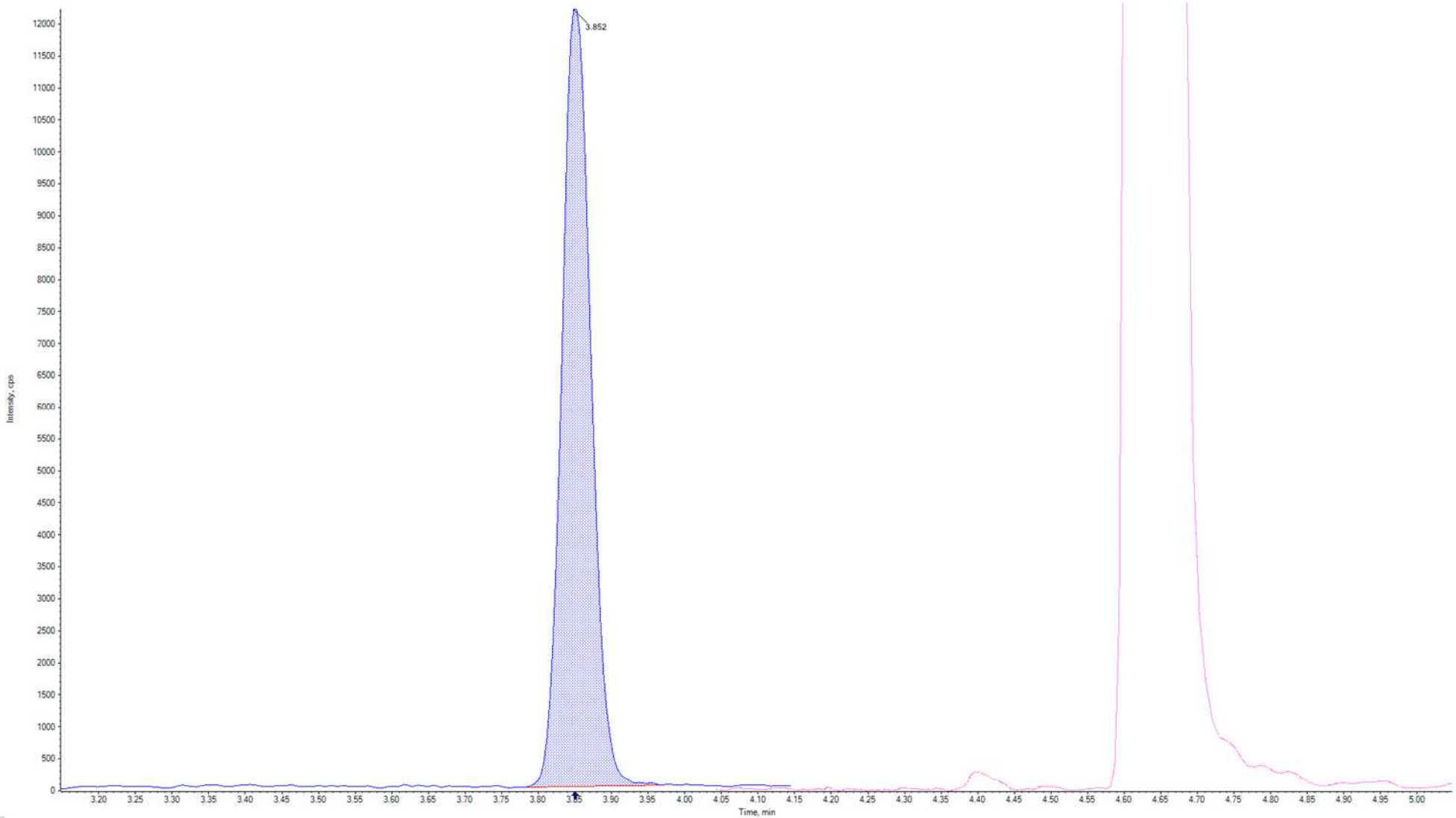
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA_2
Sample: IA1633STD-.5 S/N:2071.5 Points Across peak:38



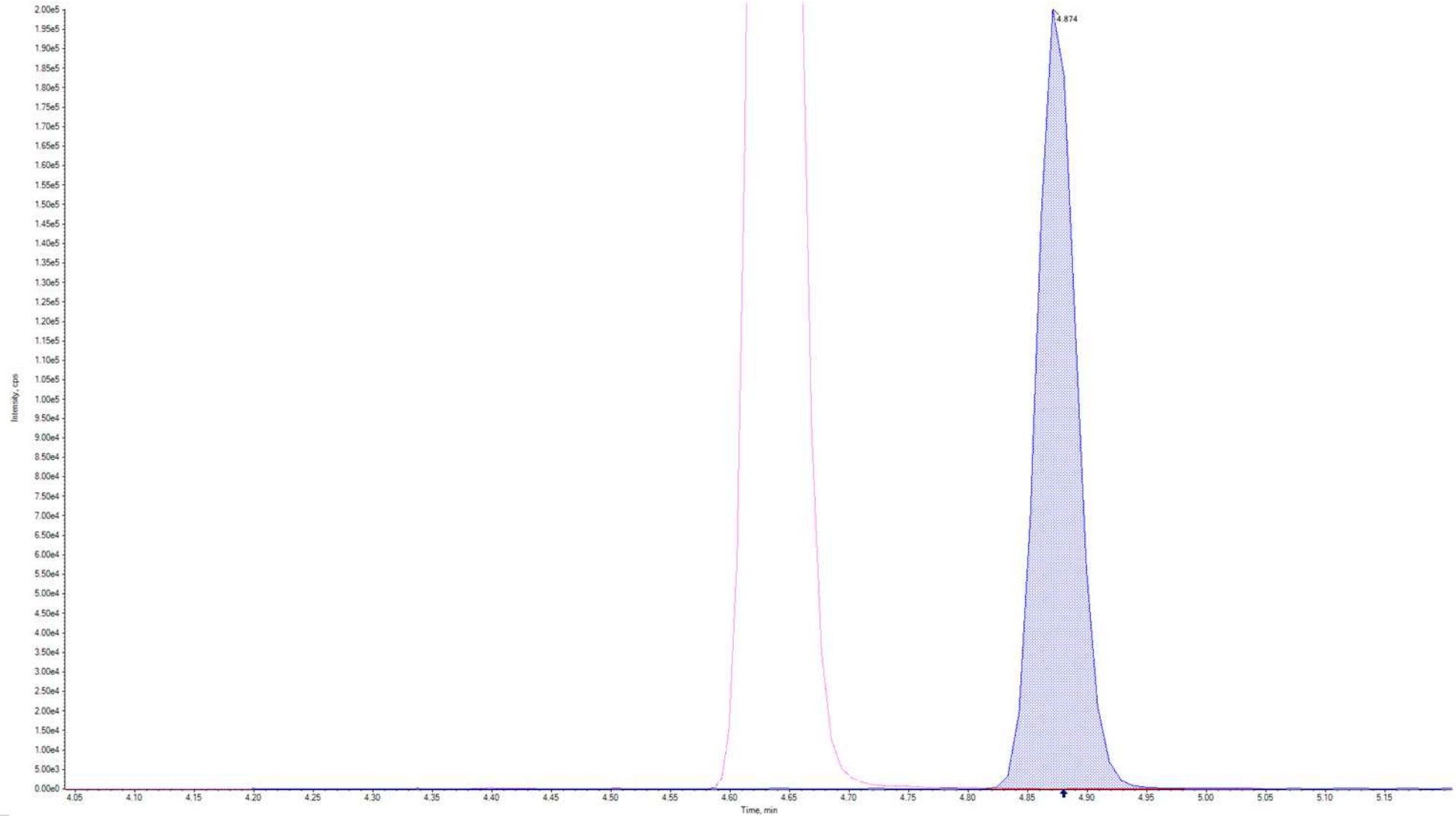
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFMPA
Sample: IA1633STD-.5 S/N:1333.6 Points Across peak:48



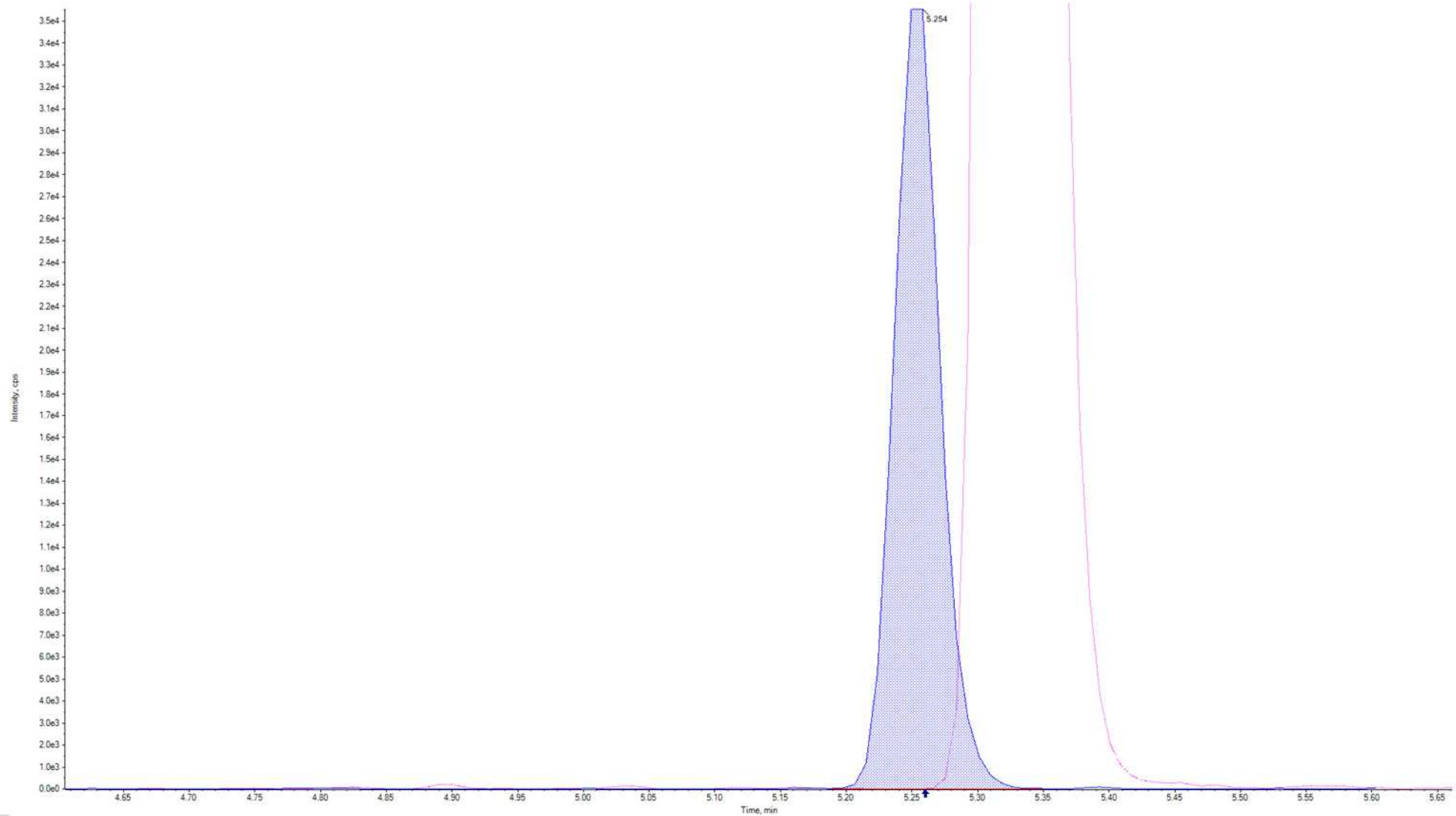
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

PFMBA
Sample: IA1633STD-.5 S/N:2484.4 Points Across peak:19



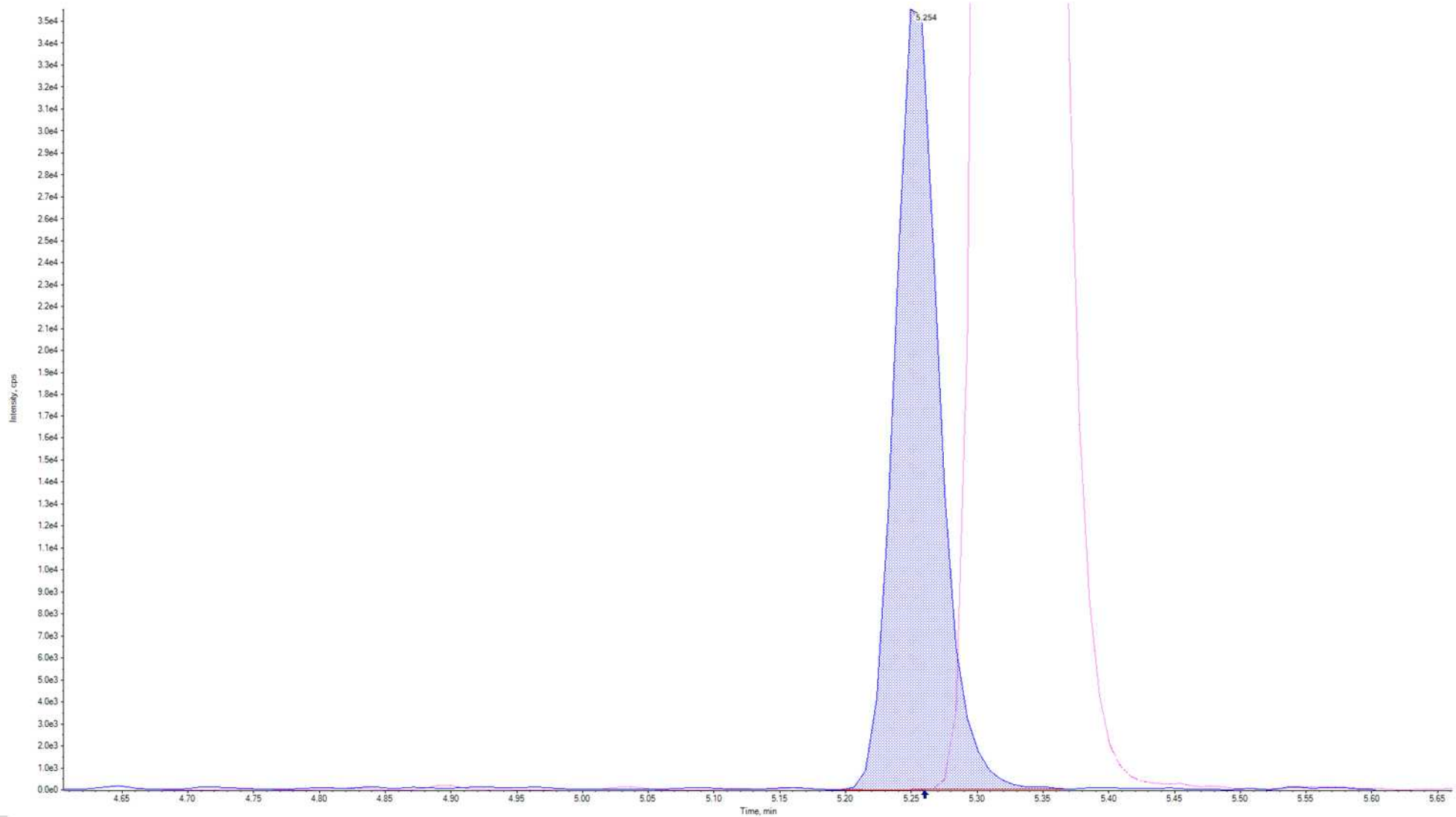
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA
Sample: IA1633STD-.5 S/N:3361.9 Points Across peak:21



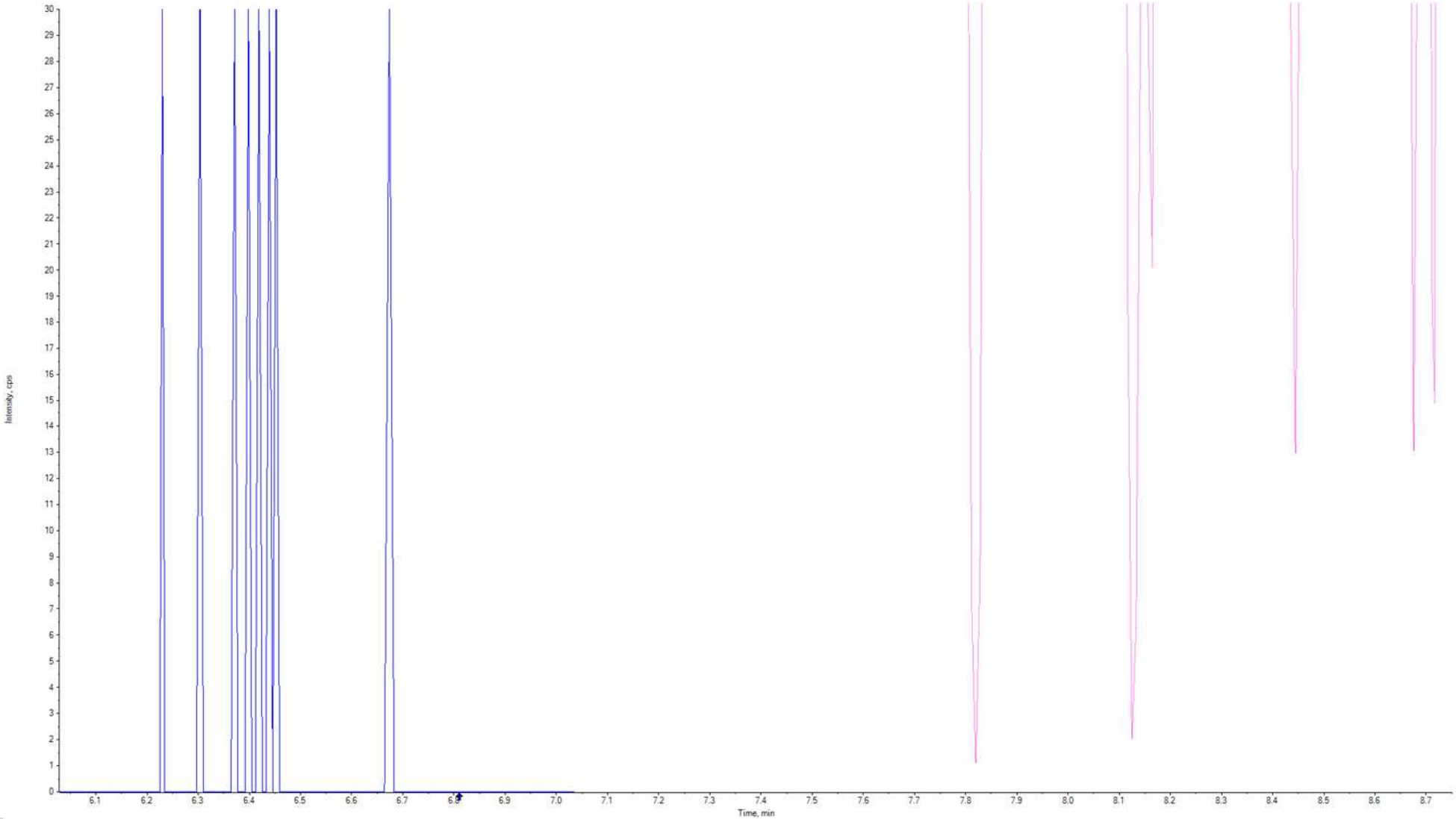
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA_2
Sample: IA1633STD-.5 S/N:1529.0 Points Across peak:22



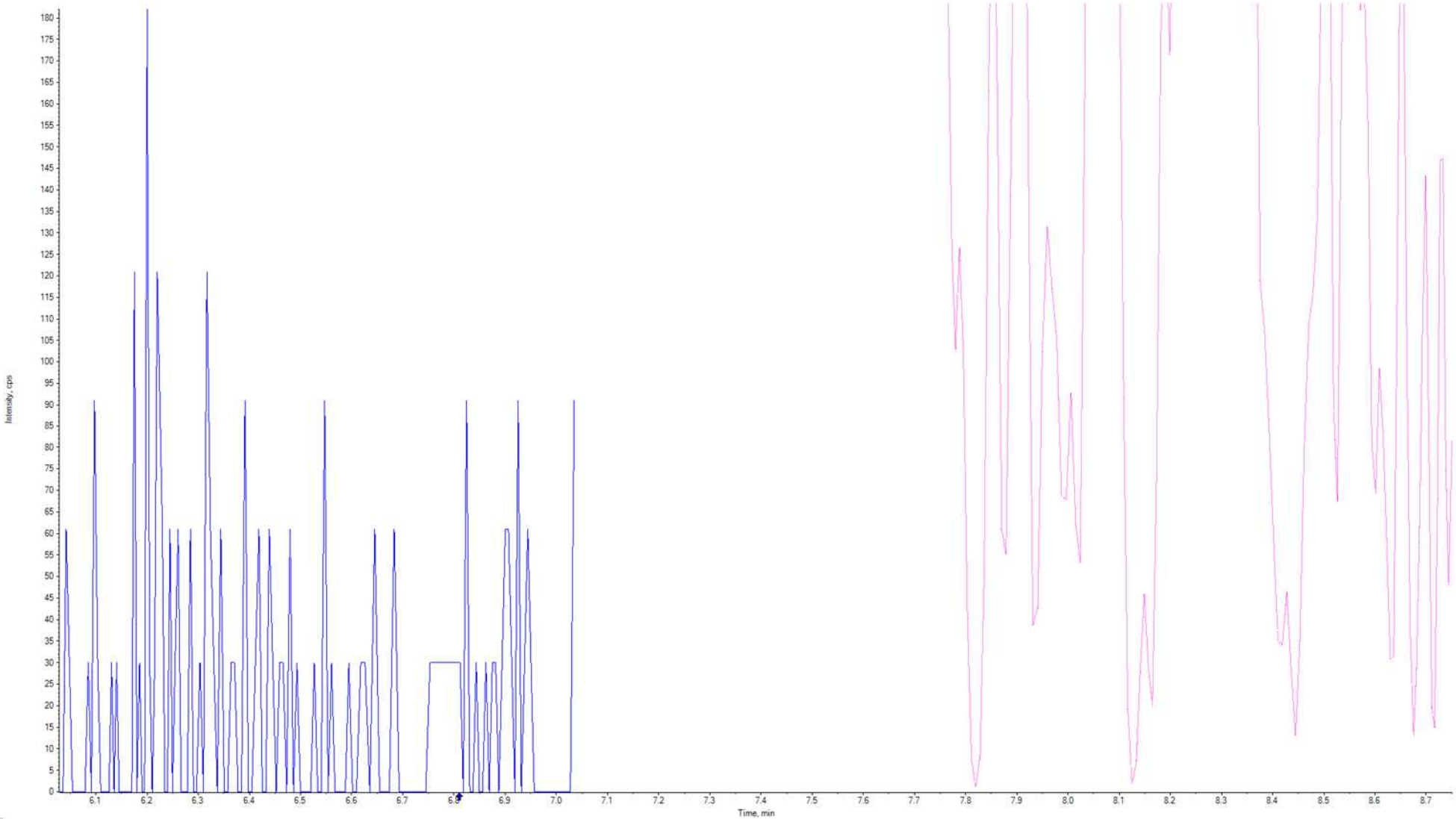
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

TDCA
Sample: IA1633STD-.5 S/N:N/A Points Across peak:N/A



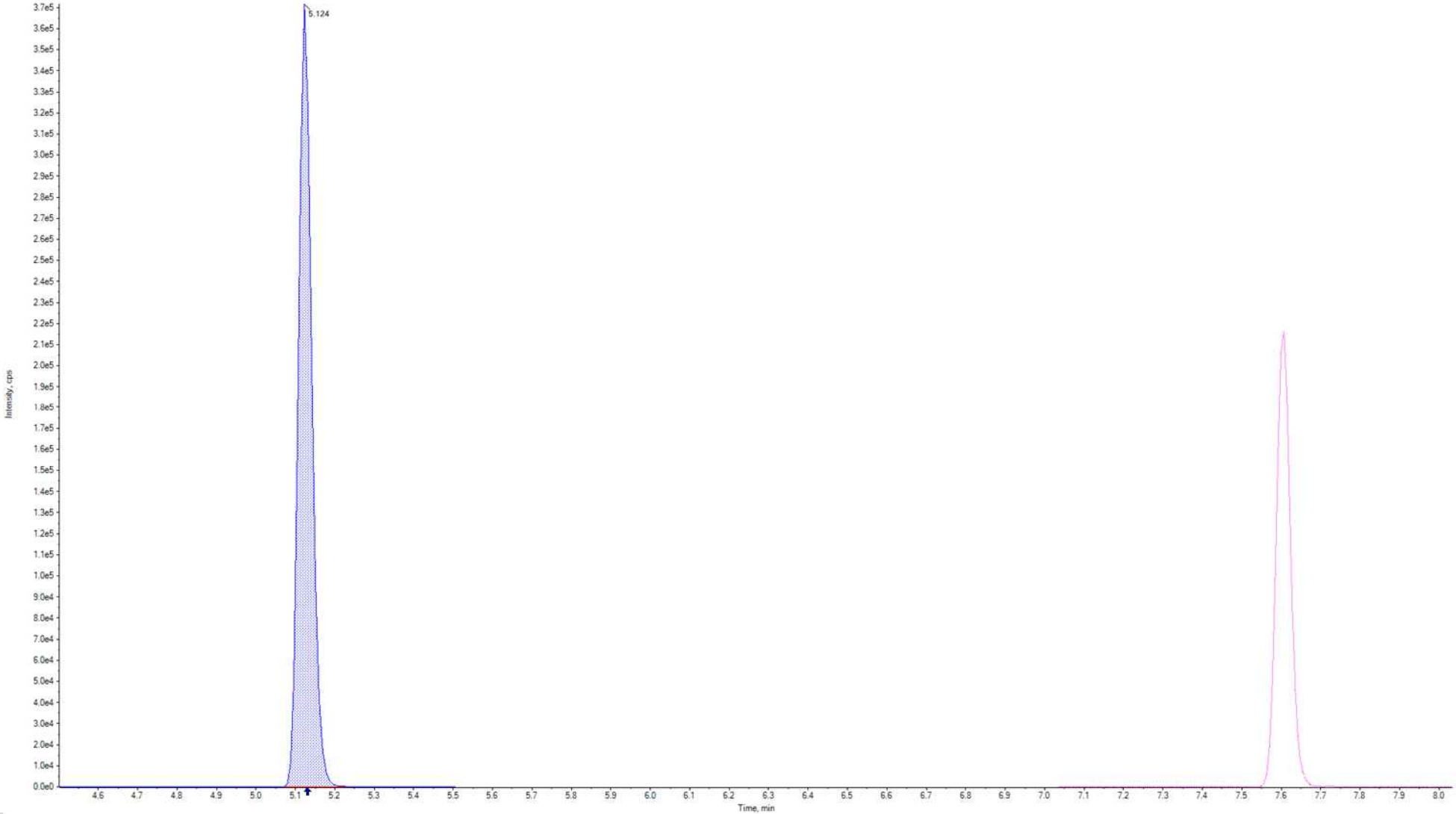
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

TDCA_2
Sample: IA1633STD-.5 S/N:N/A Points Across peak:N/A



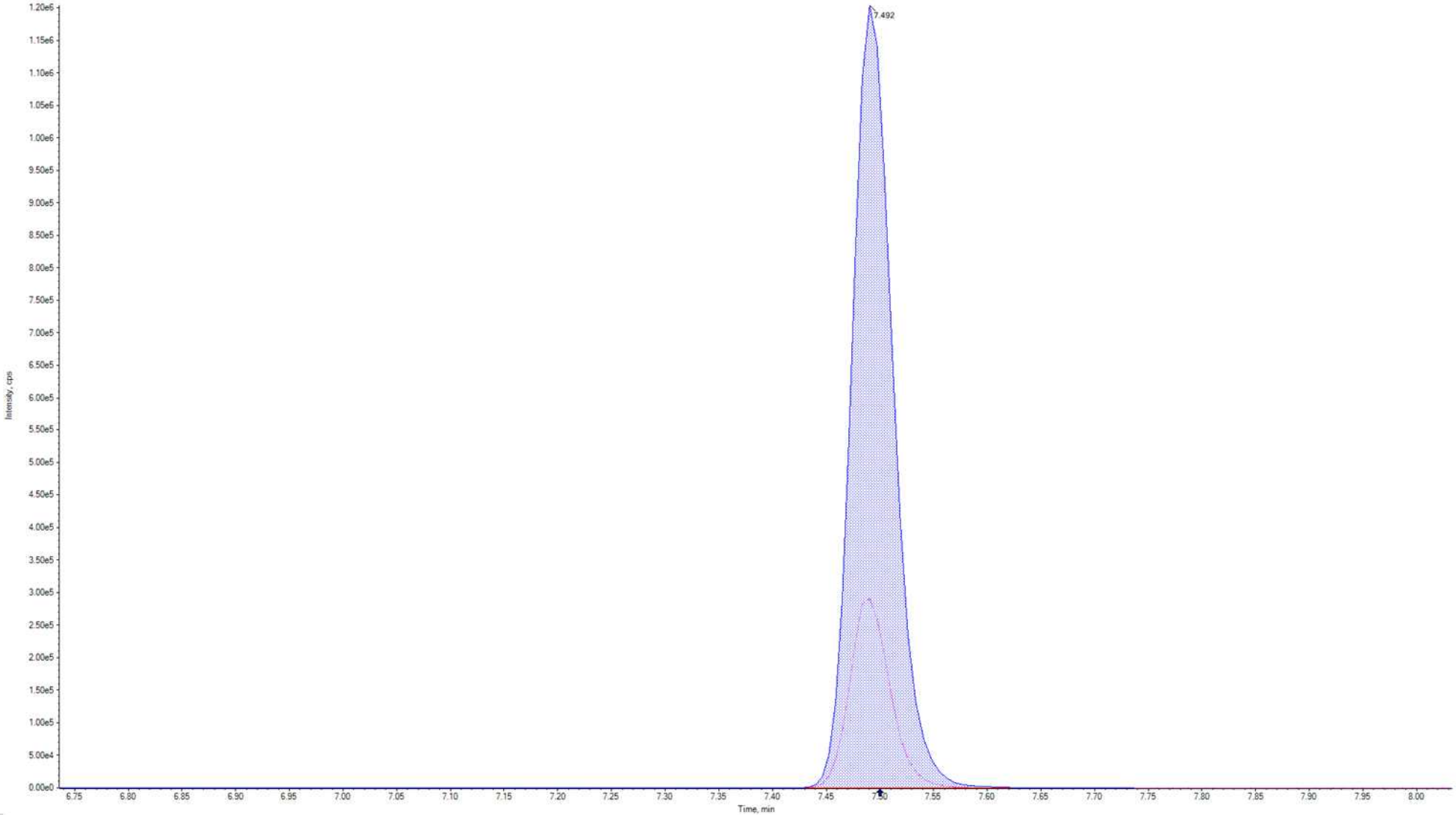
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

13C2D4-4:2FTS
Sample: IA1633STD-.5 S/N:2401.7 Points Across peak:24

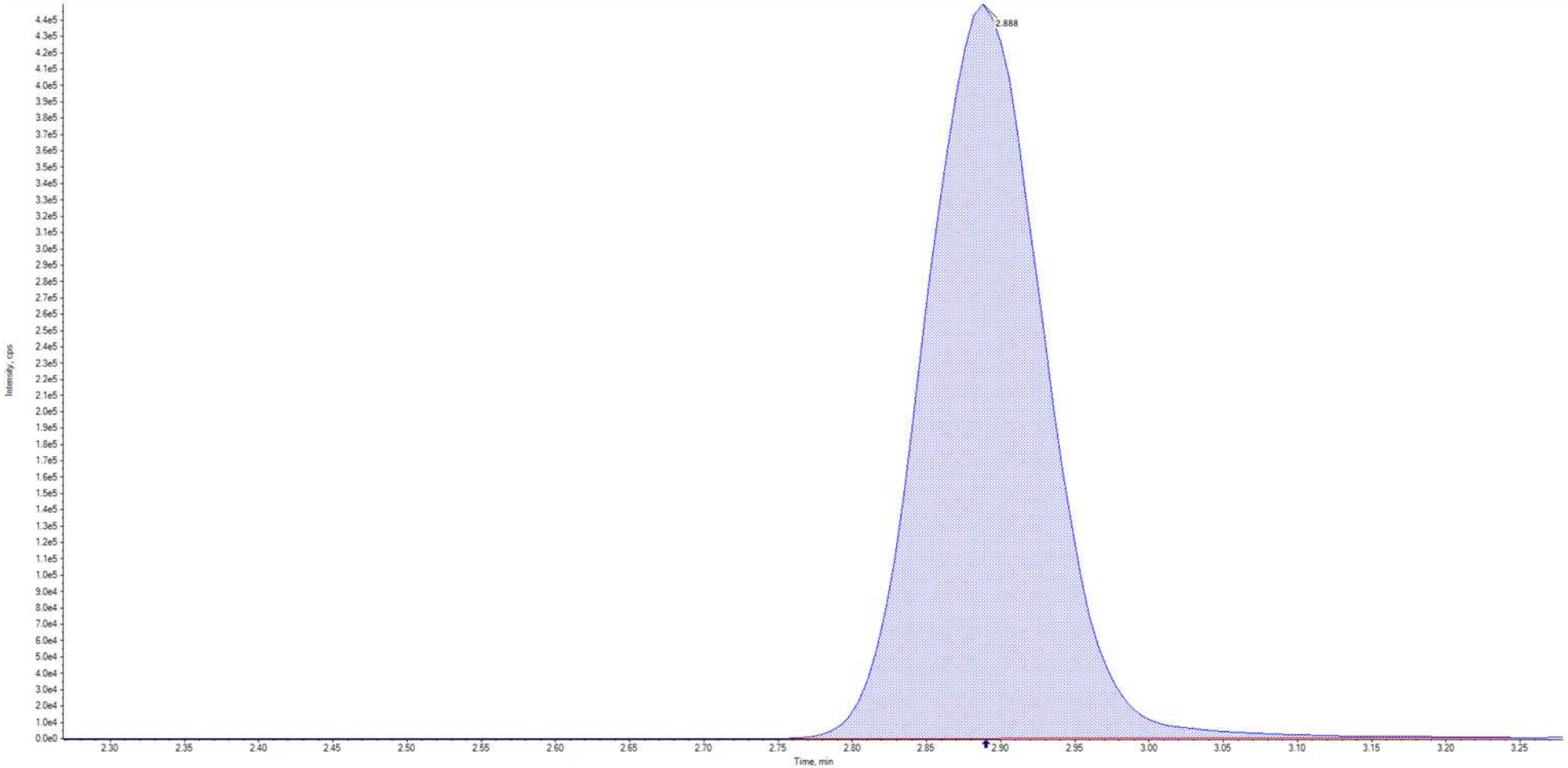


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

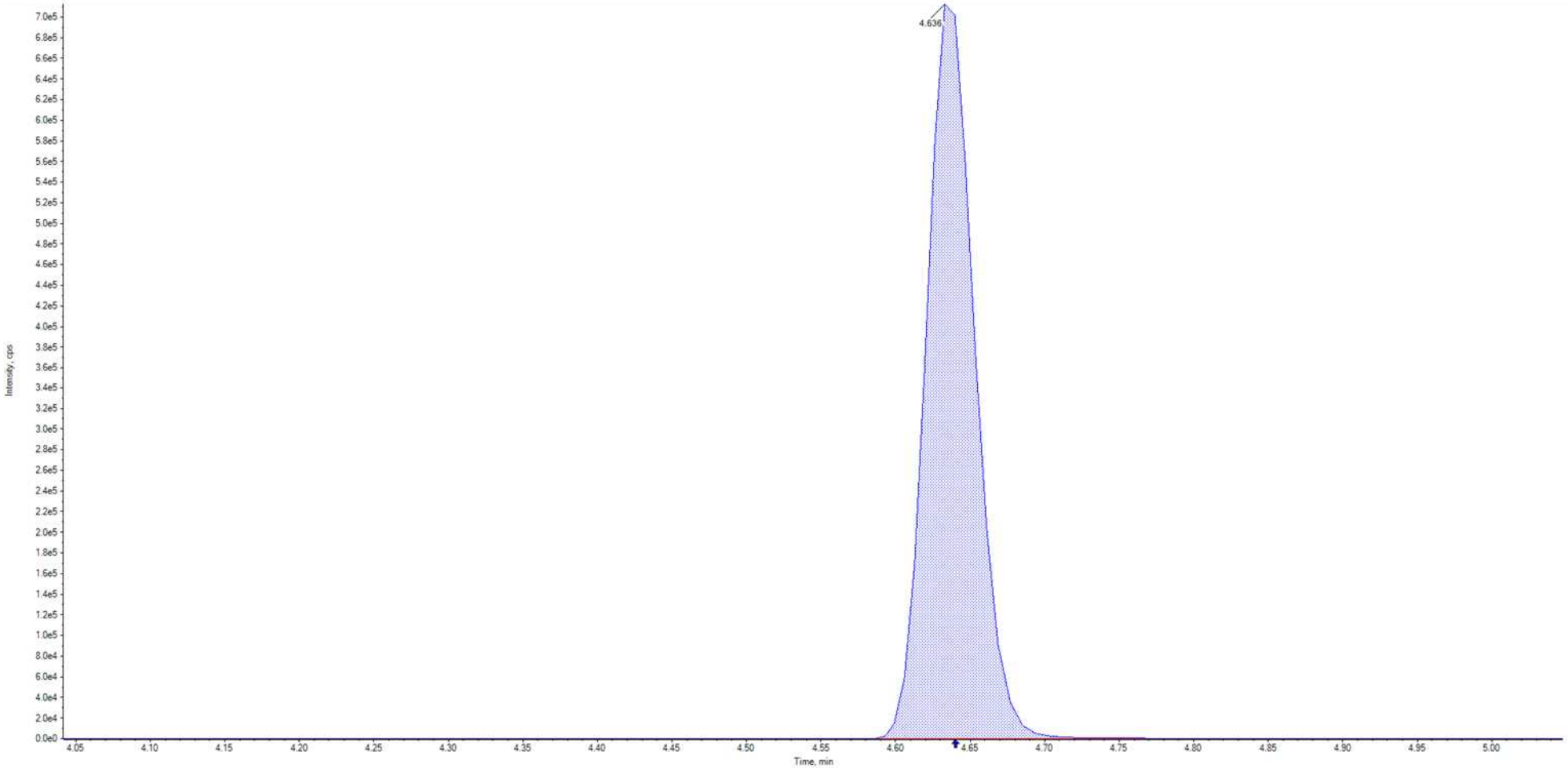
13C2-PFOA
Sample: IA1633STD-.5 S/N:11159.4 Points Across peak:34



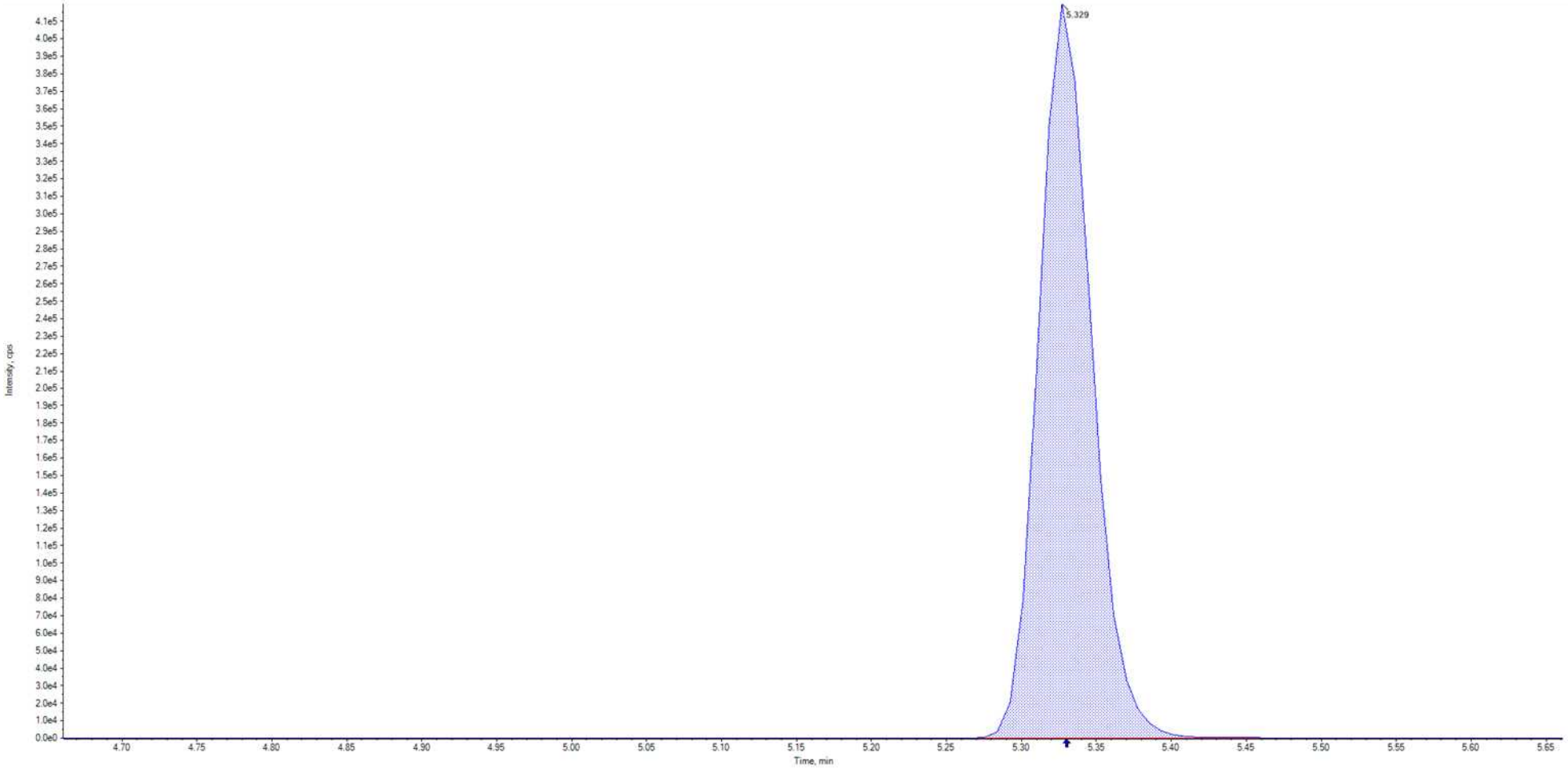
13C4-PFBA
Sample: IA1633STD-.5



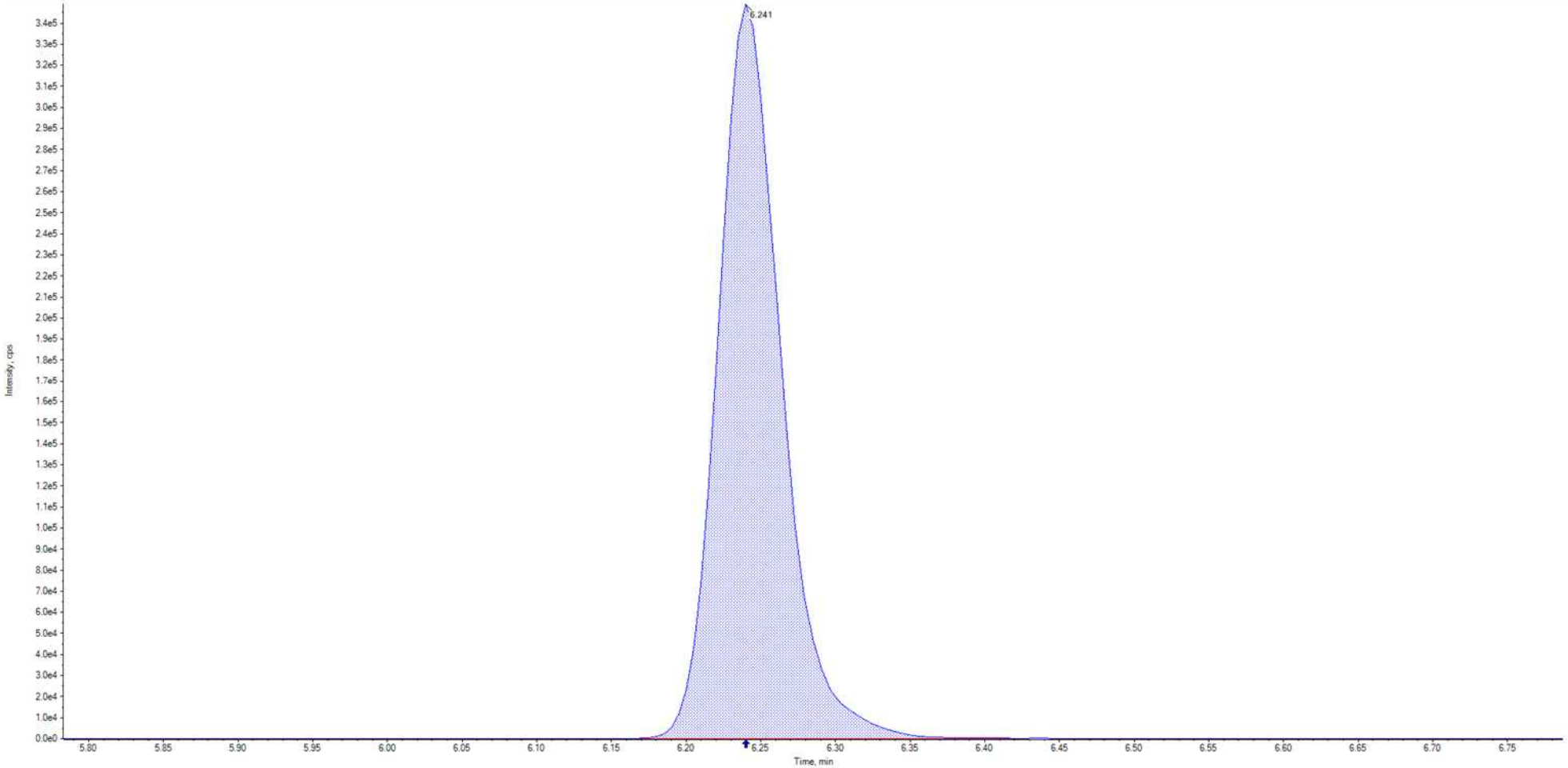
13C5-PFPeA
Sample: IA1633STD-.5



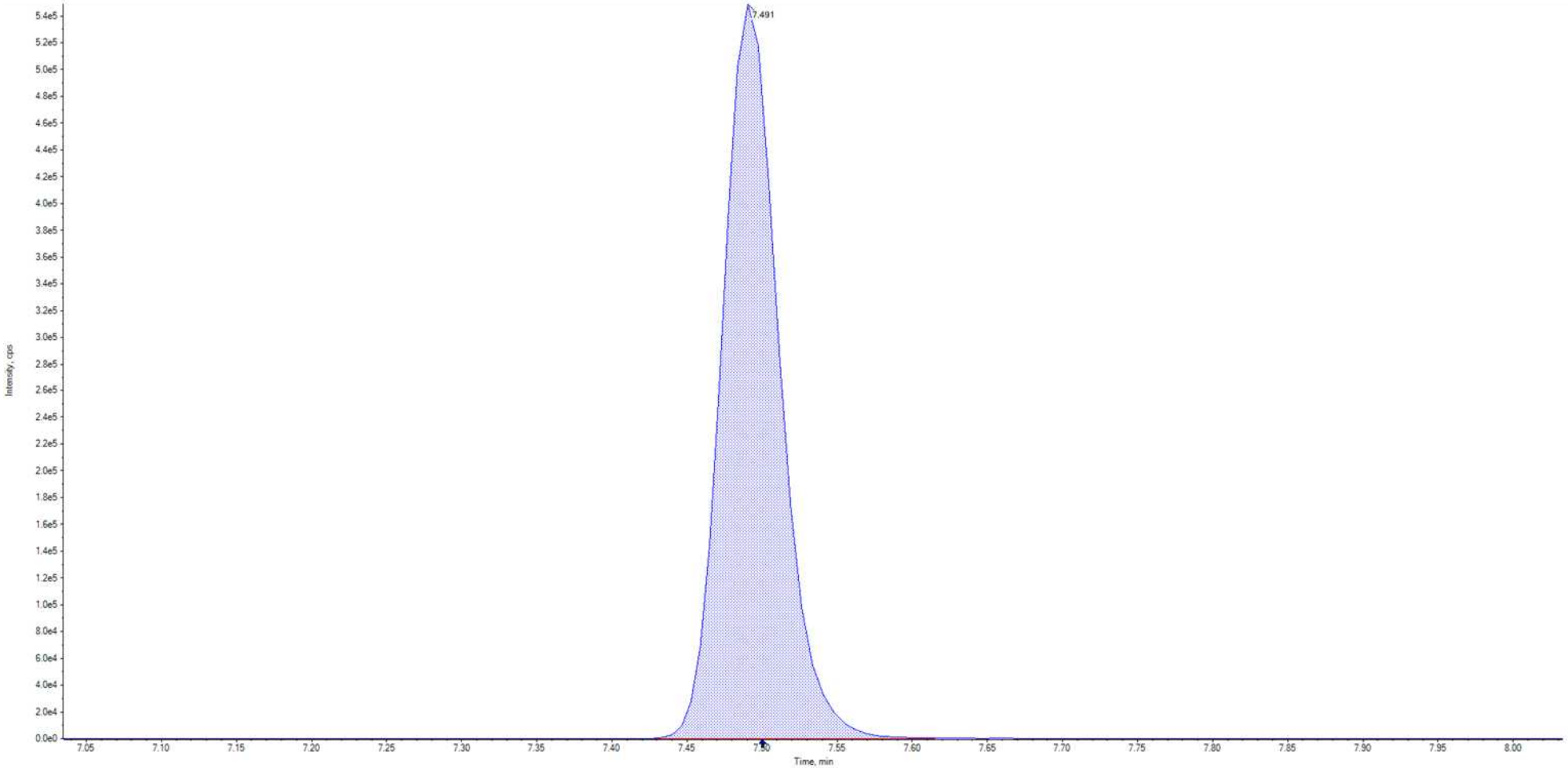
13C5-PFHxA
Sample: IA1633STD-.5



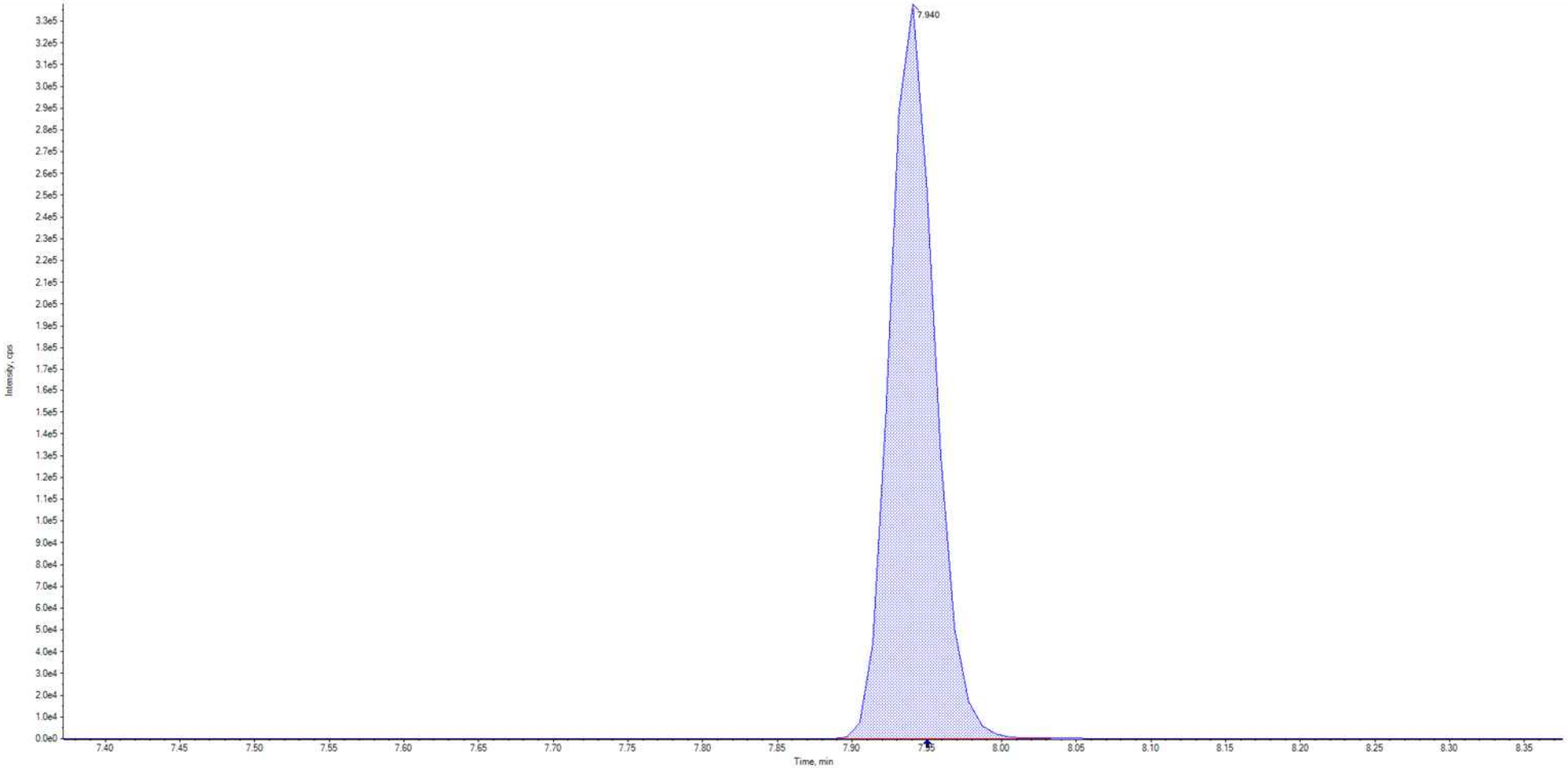
13C4-PFHpA
Sample: IA1633STD-.5



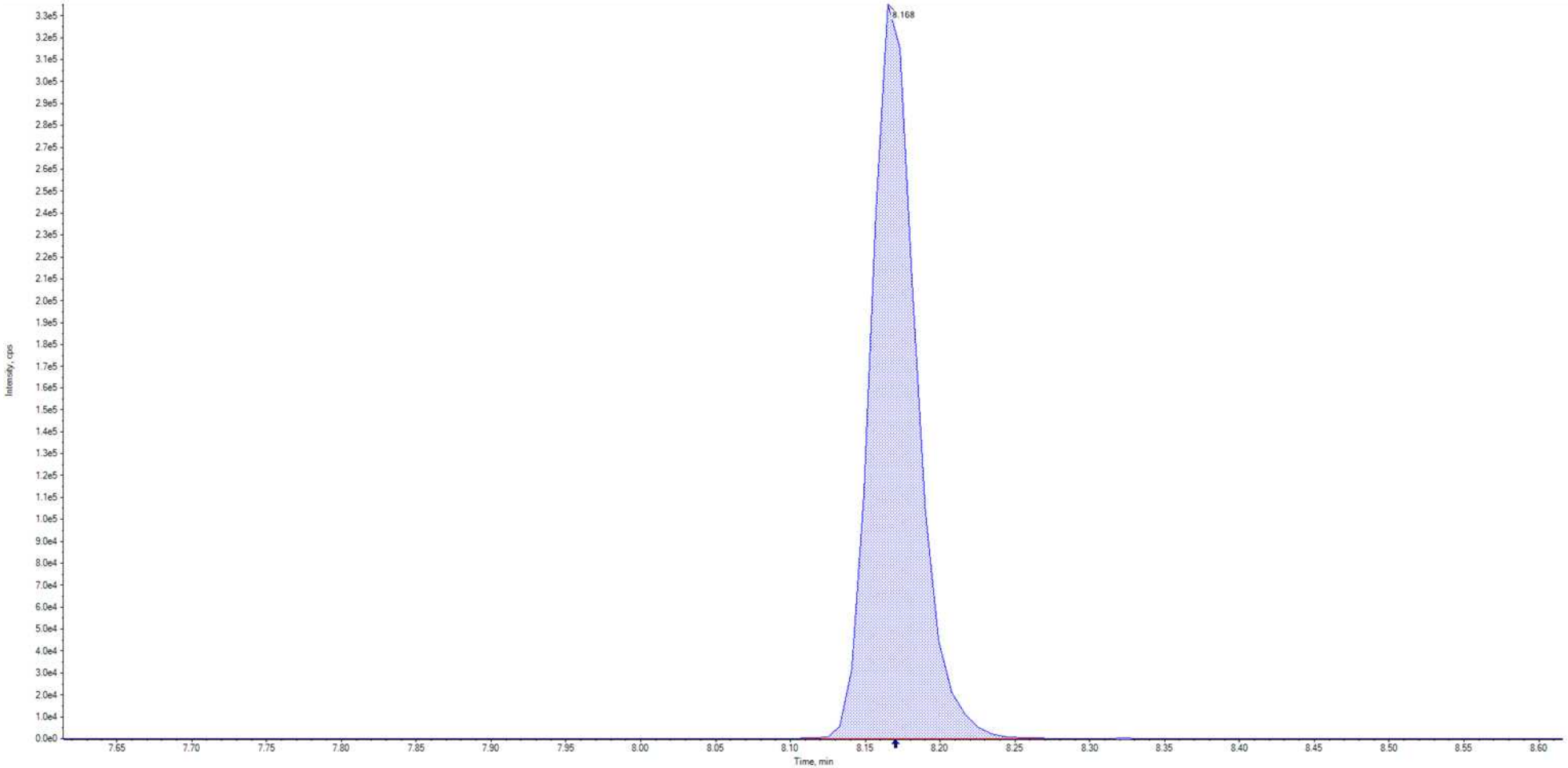
13C8-PFOA
Sample: IA1633STD-.5



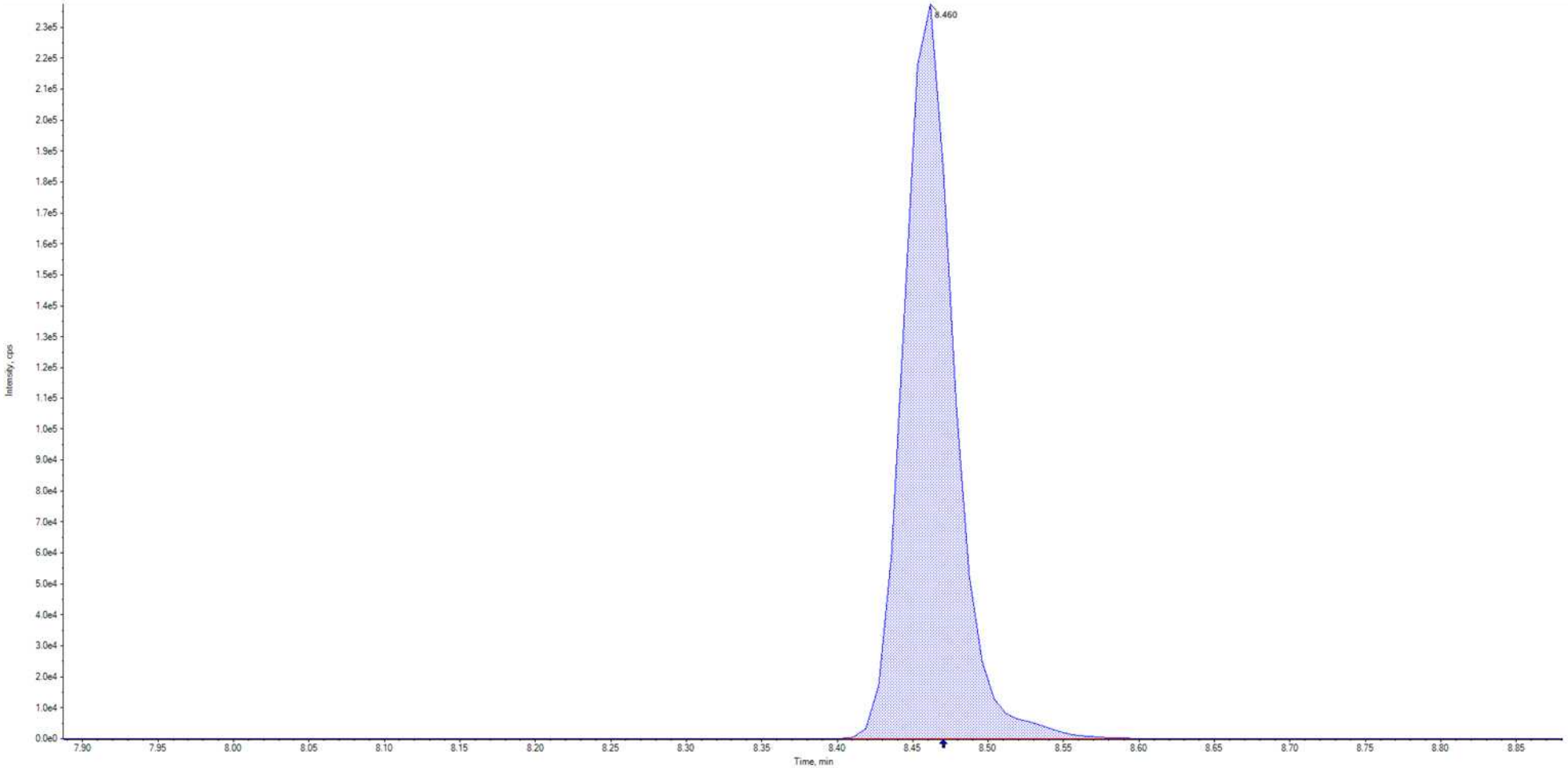
13C9-PFNA
Sample: IA1633STD-.5



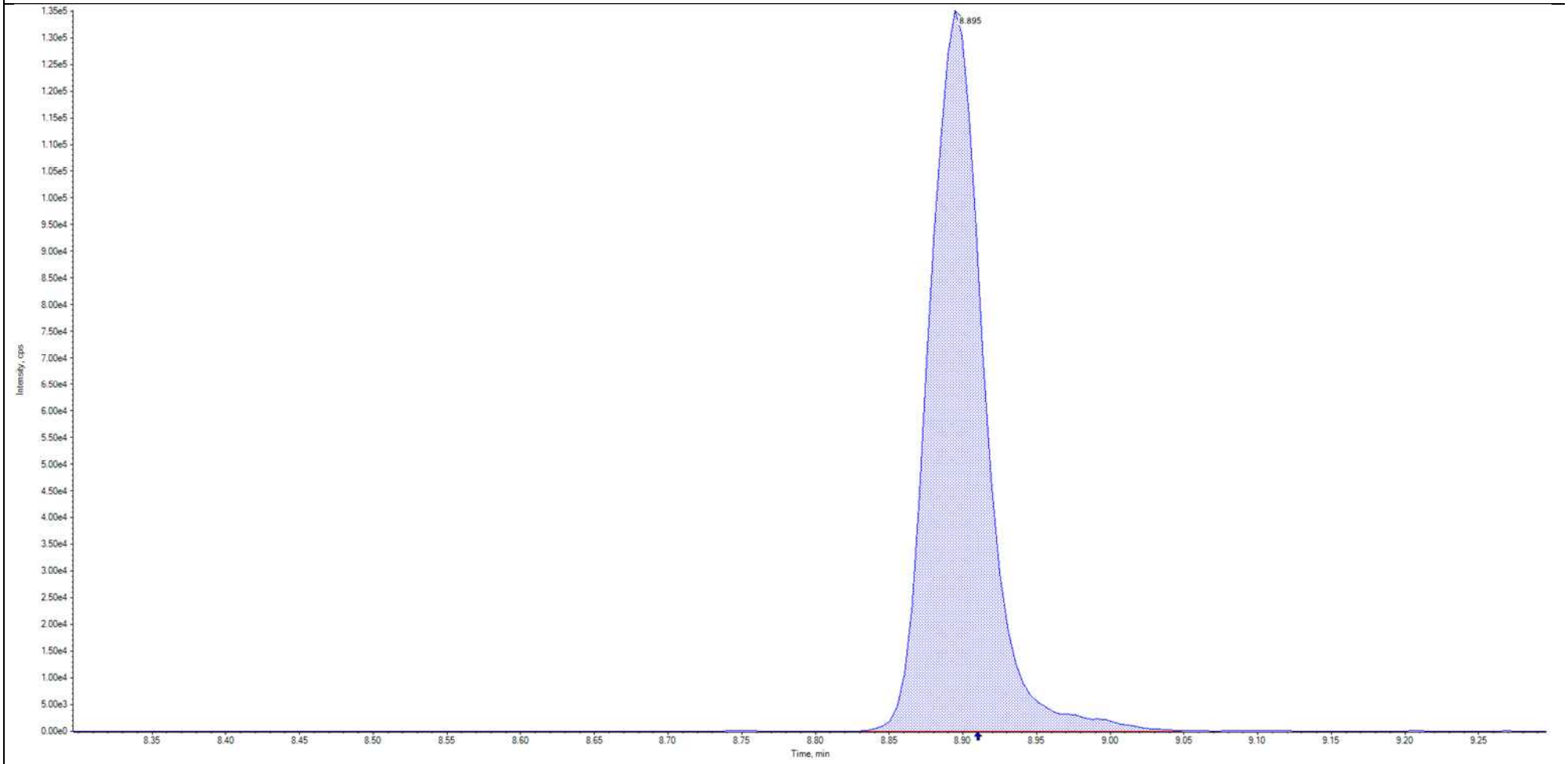
13C6-PFDA
Sample: IA1633STD-.5



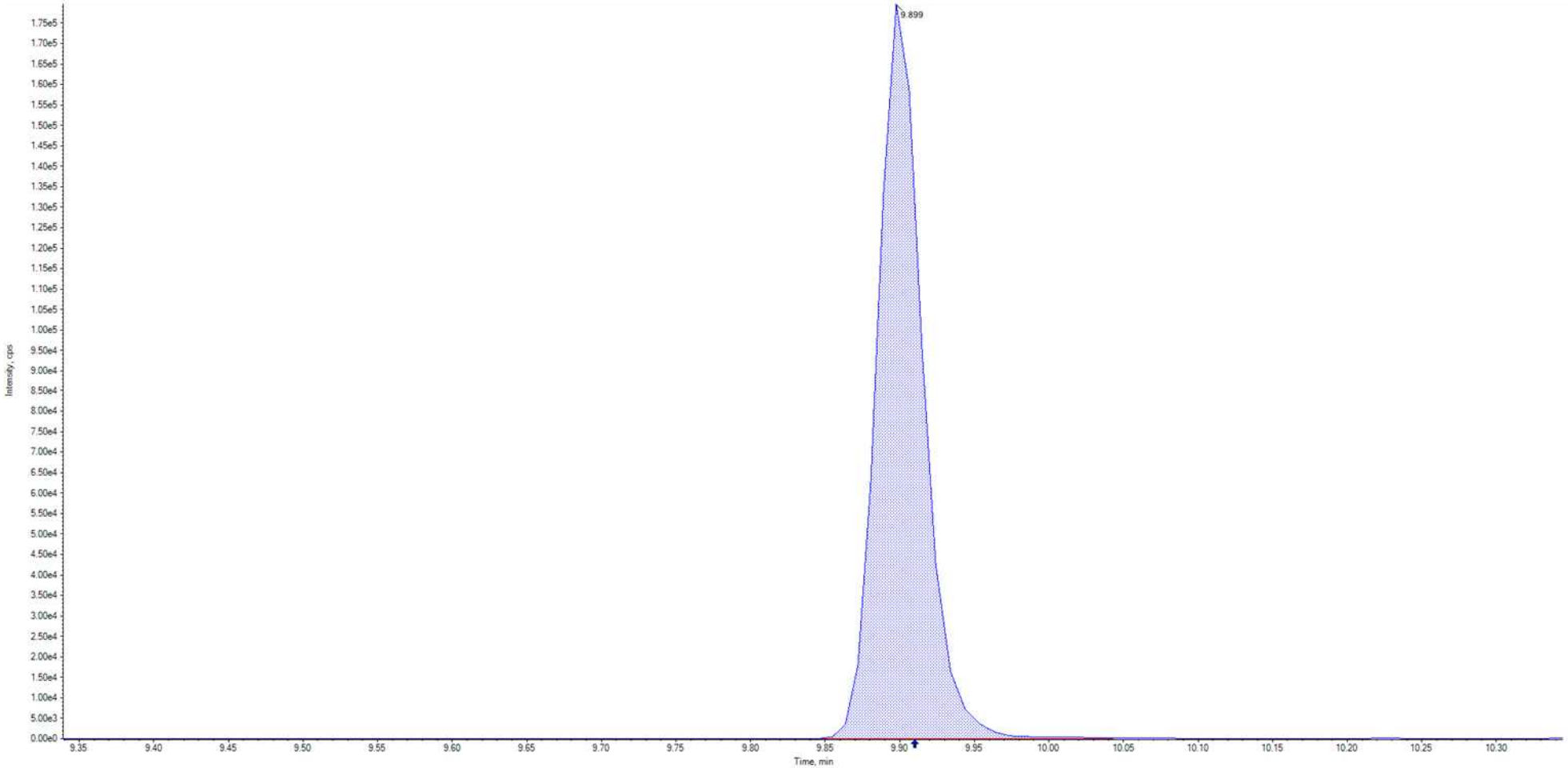
13C7-PFUnA
Sample: IA1633STD-.5



13C2-PFDoA
Sample: IA1633STD-.5

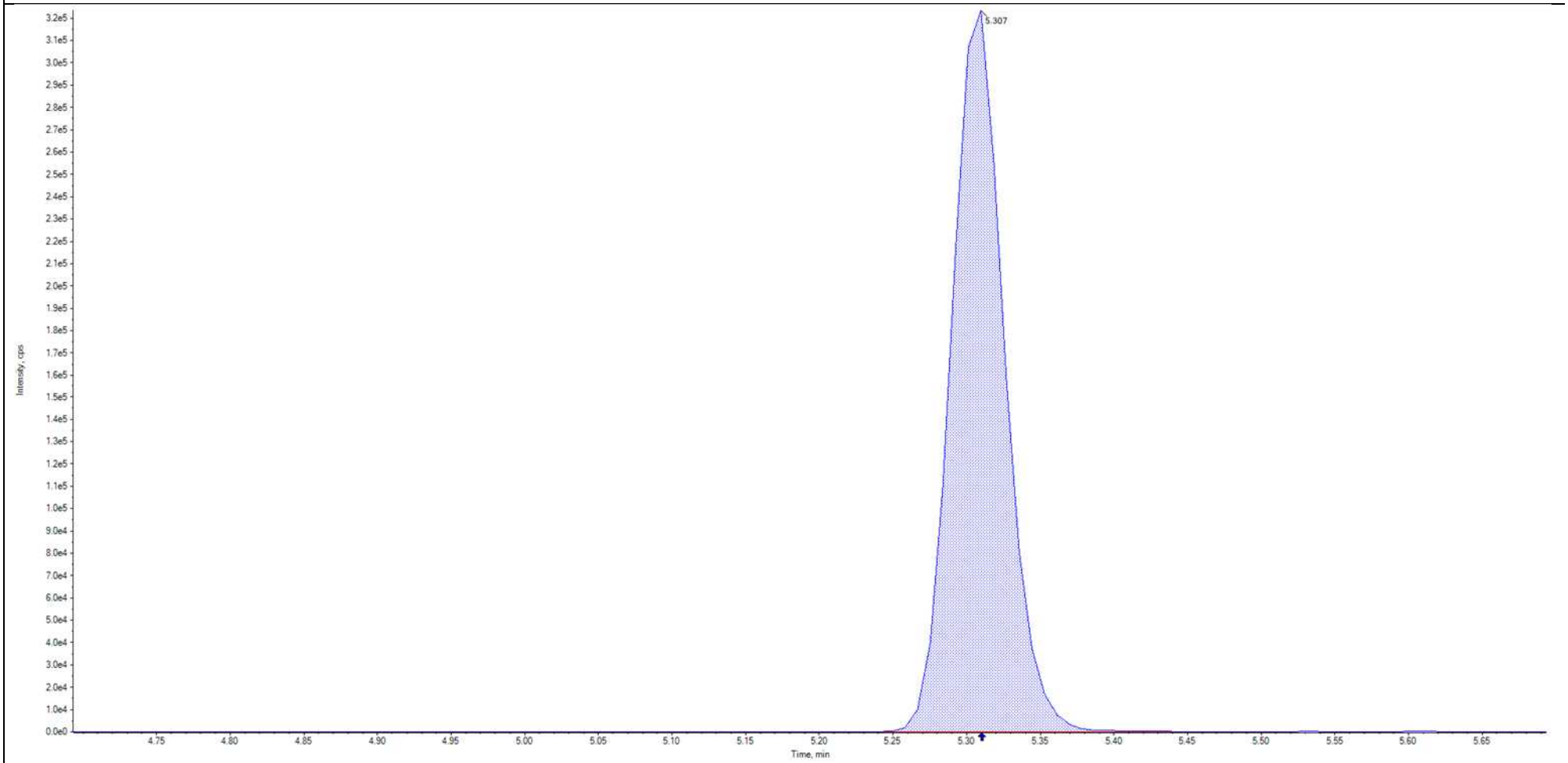


13C2-PFTeDA
Sample: IA1633STD-.5

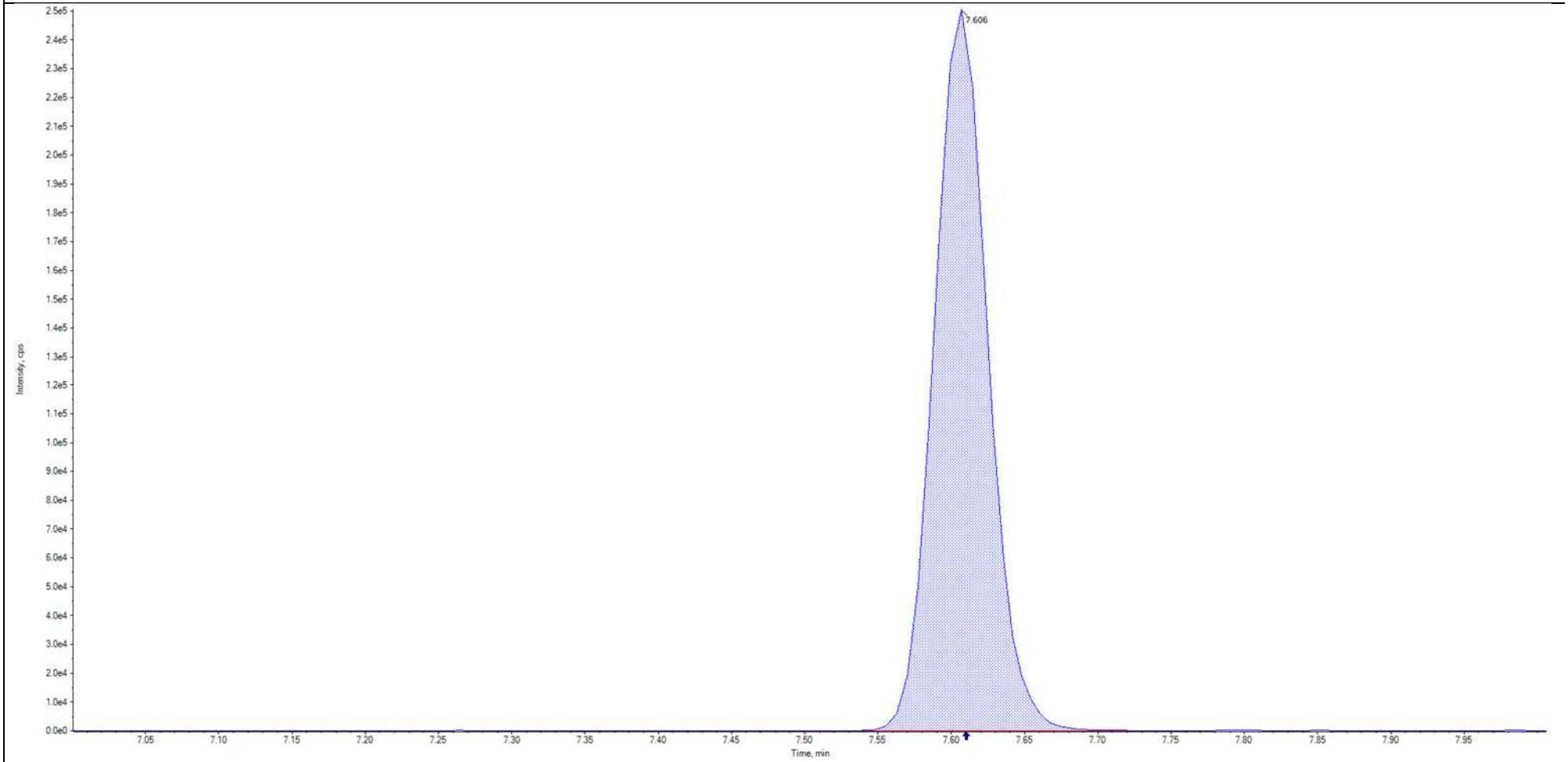


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

13C3-PFBS
Sample: IA1633STD-.5

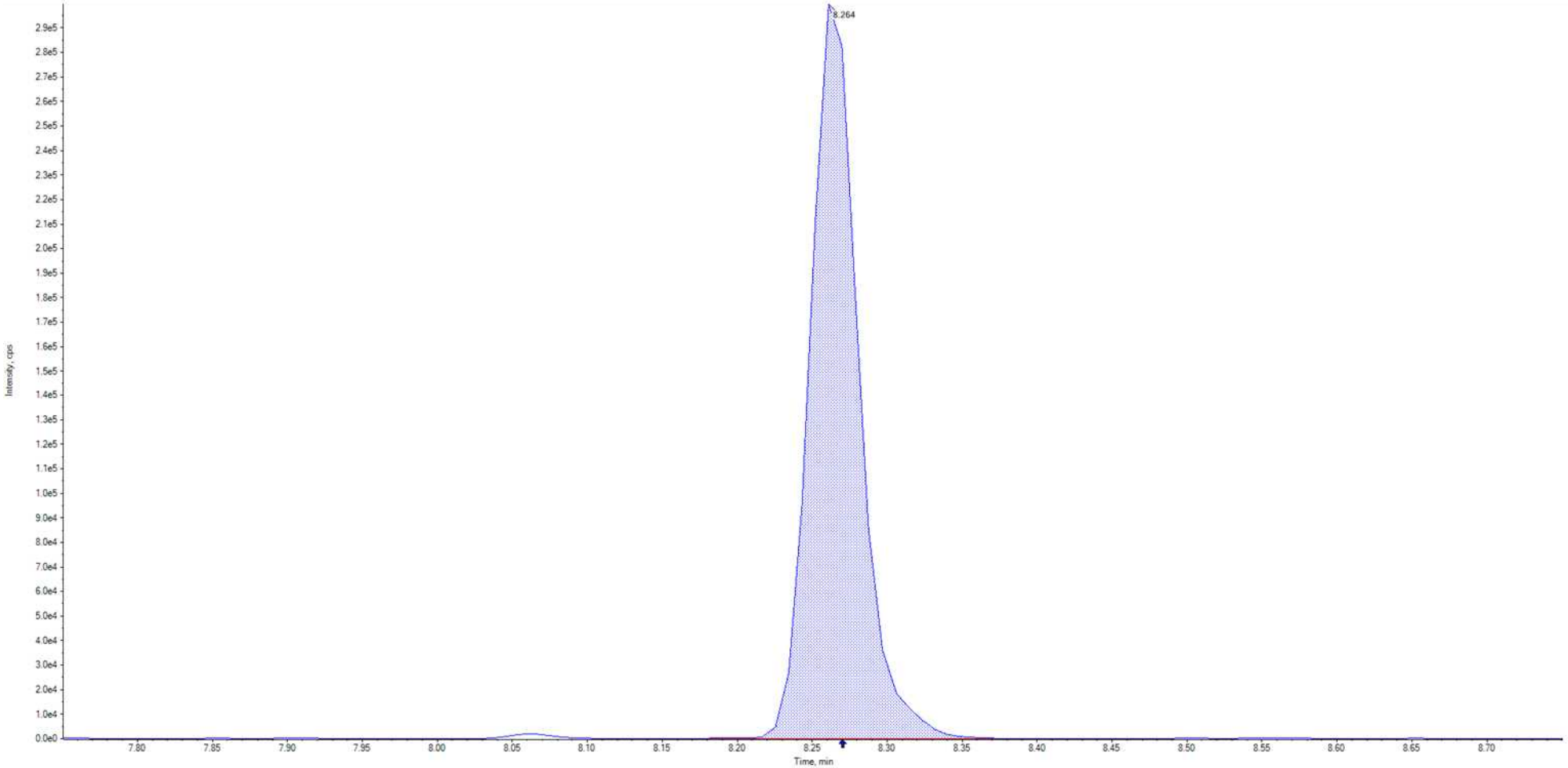


13C3-PFHxS
Sample: IA1633STD-.5

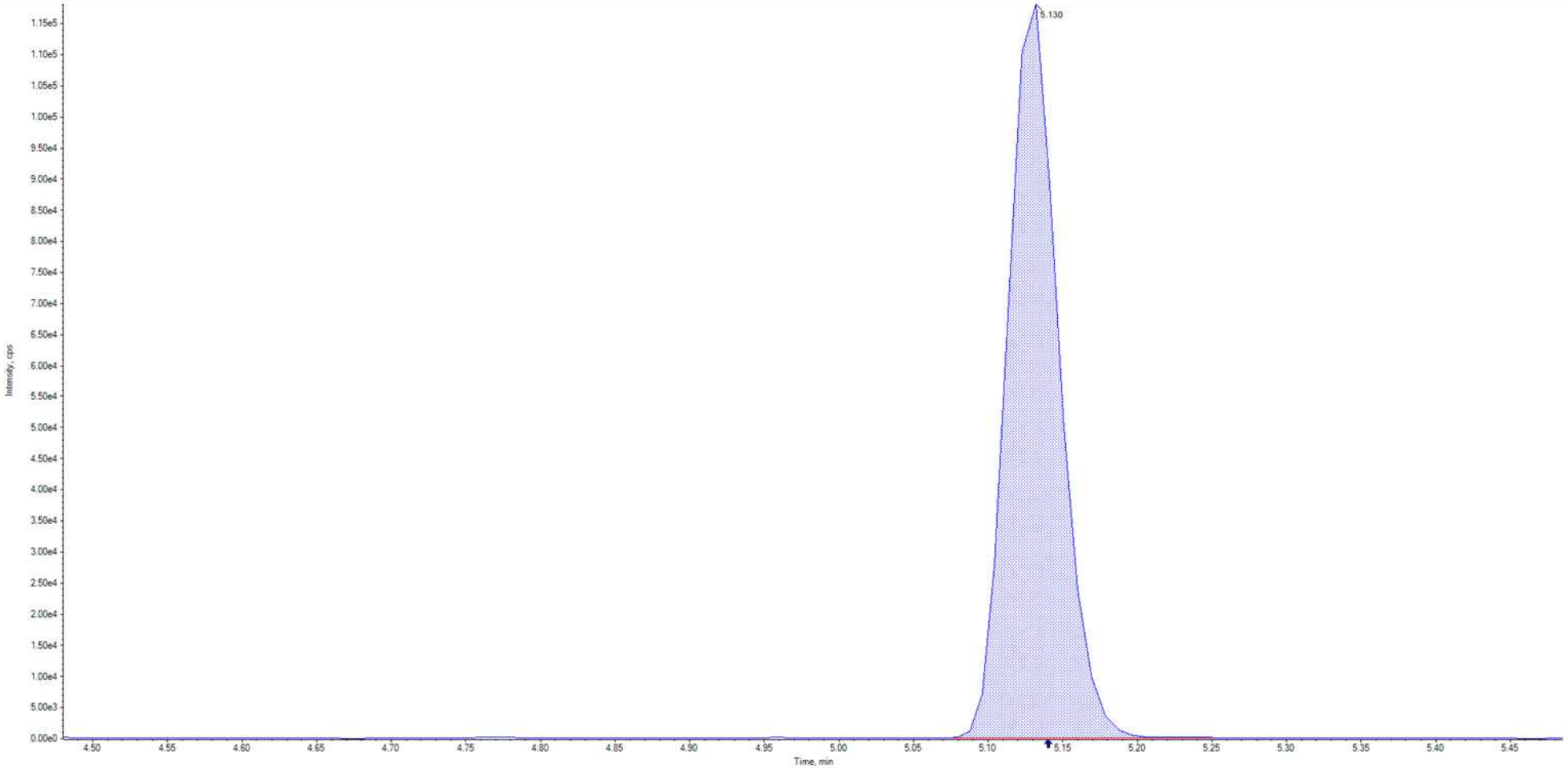


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_73.wiff
Last Altered: 8/14/2024 9:59:30 AM
Generated: 8/14/2024 6:27:11 AM

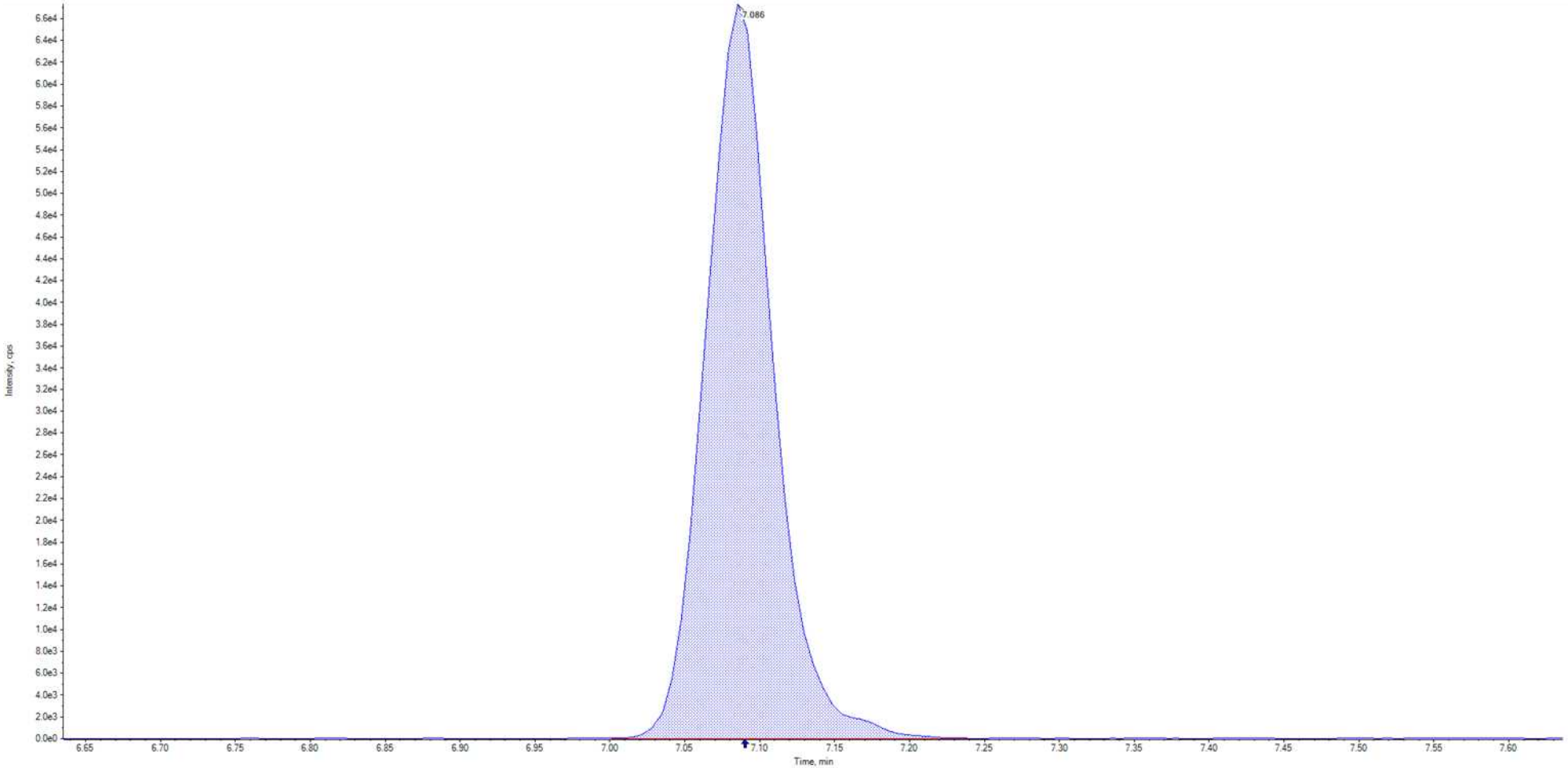
13C8-PFOS
Sample: IA1633STD-.5



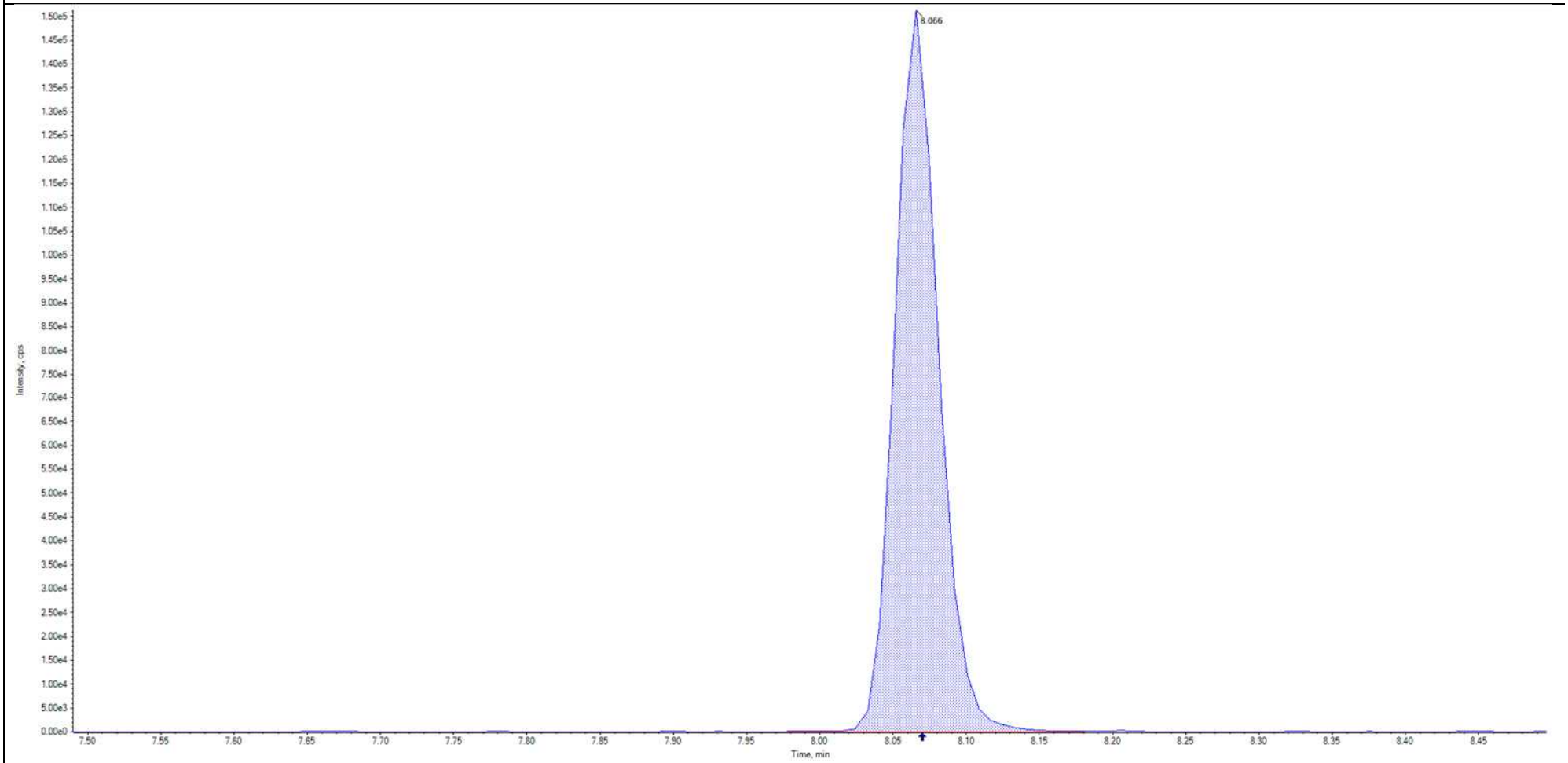
13C2-4:2FTS
Sample: IA1633STD-.5



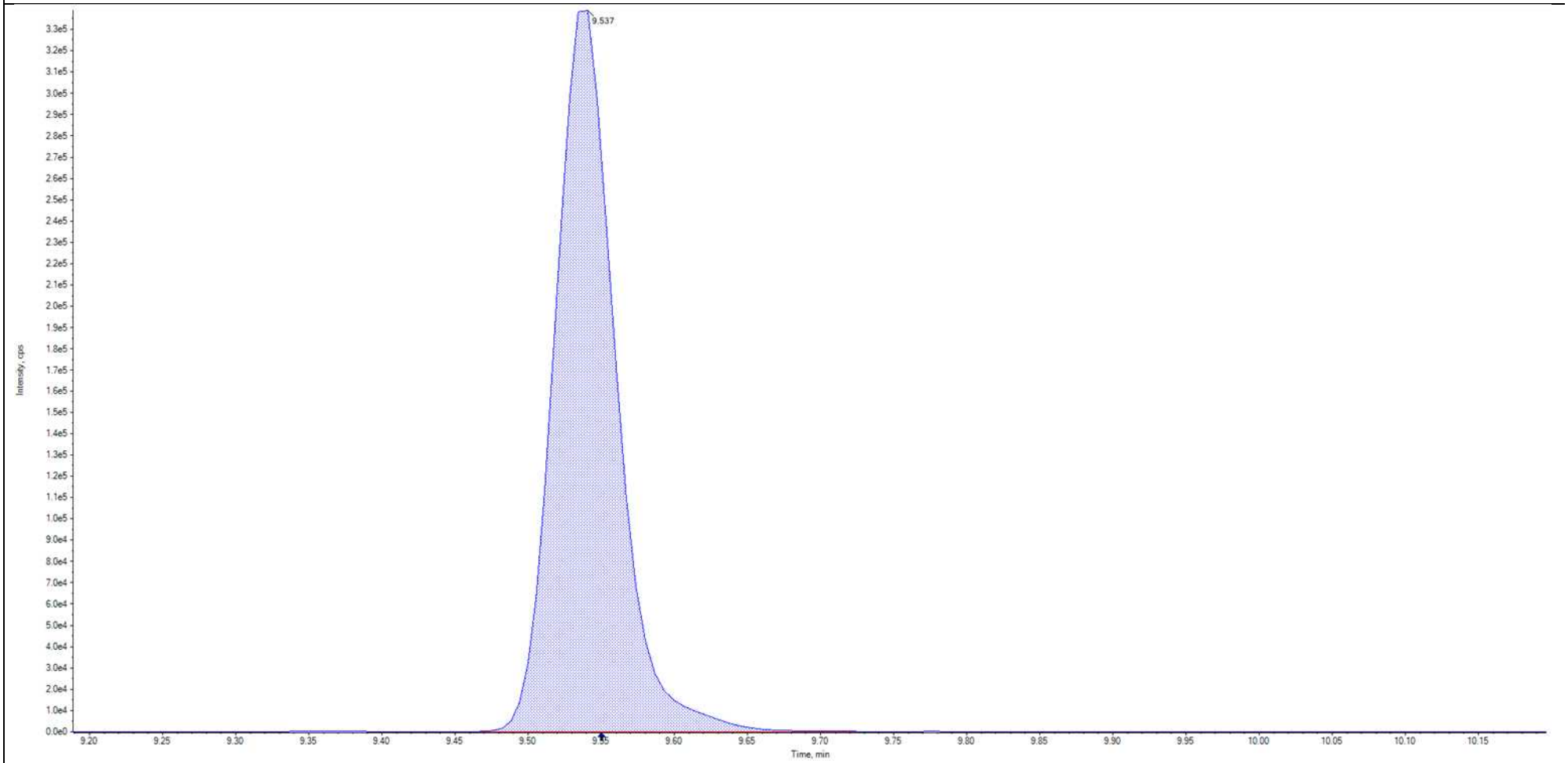
13C2-6:2FTS
Sample: IA1633STD-.5



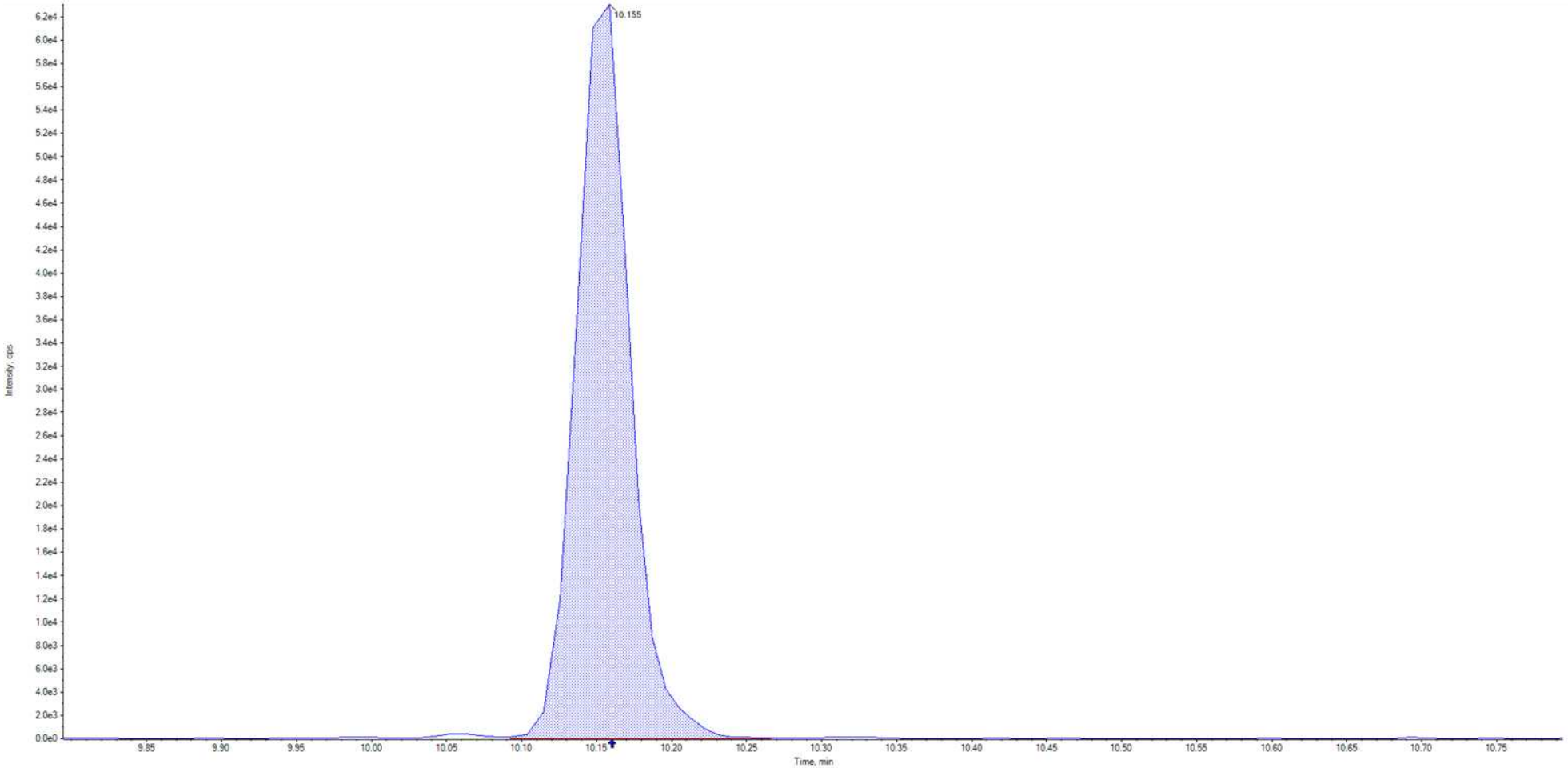
13C2-8:2FTS
Sample: IA1633STD-.5



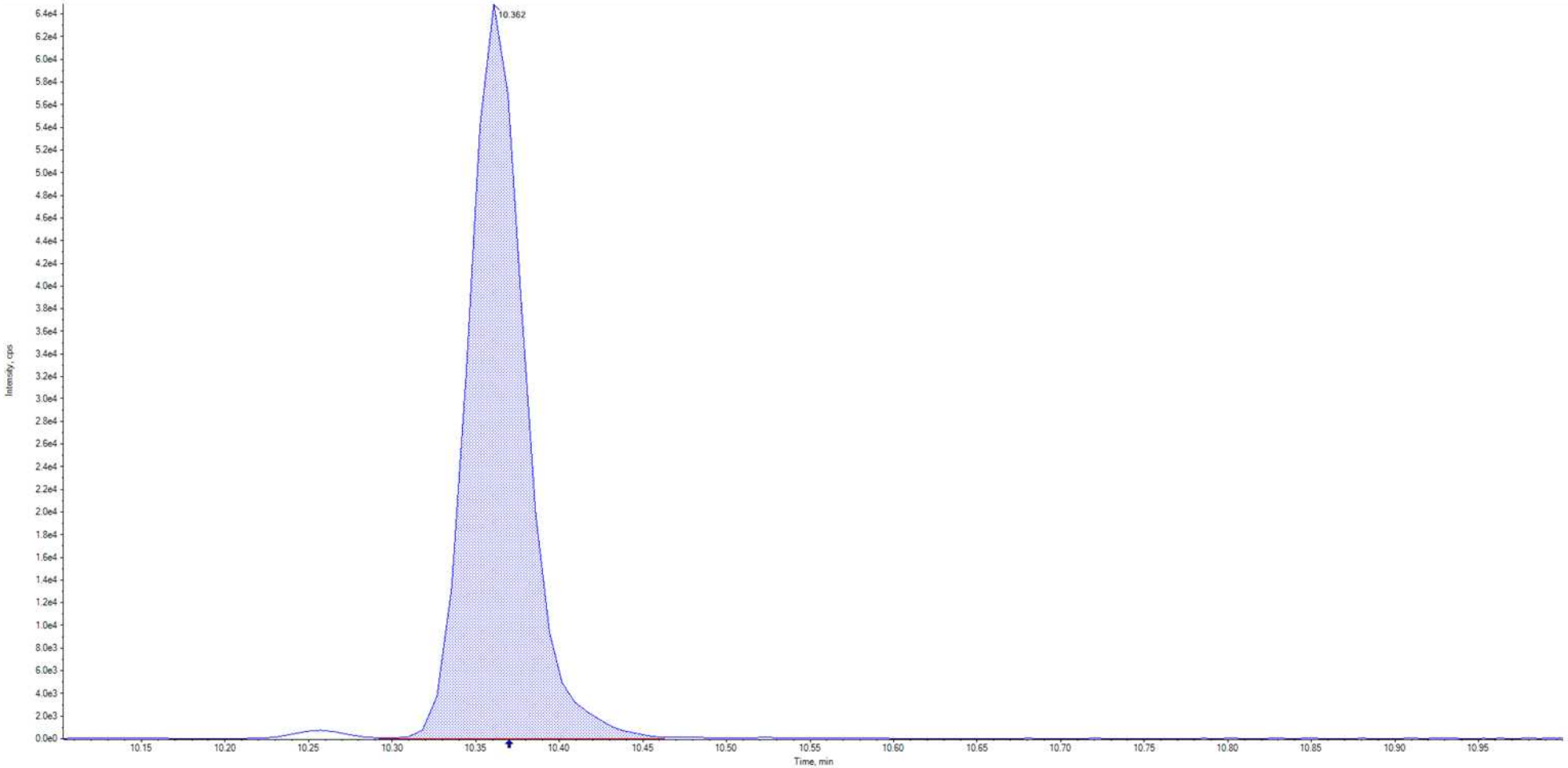
13C8-PFOSA
Sample: IA1633STD-.5



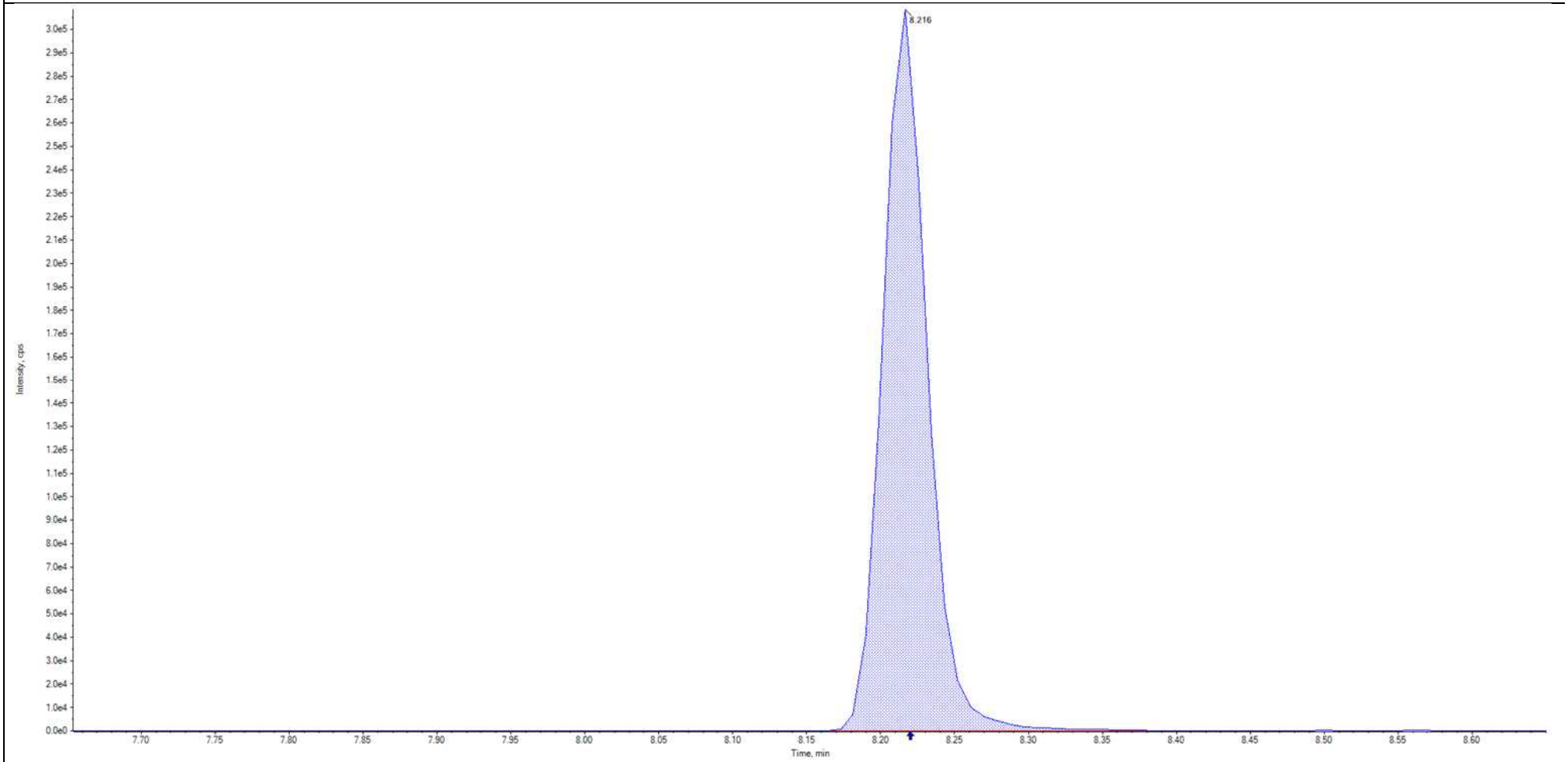
d3-NMeFOSA
Sample: IA1633STD-.5



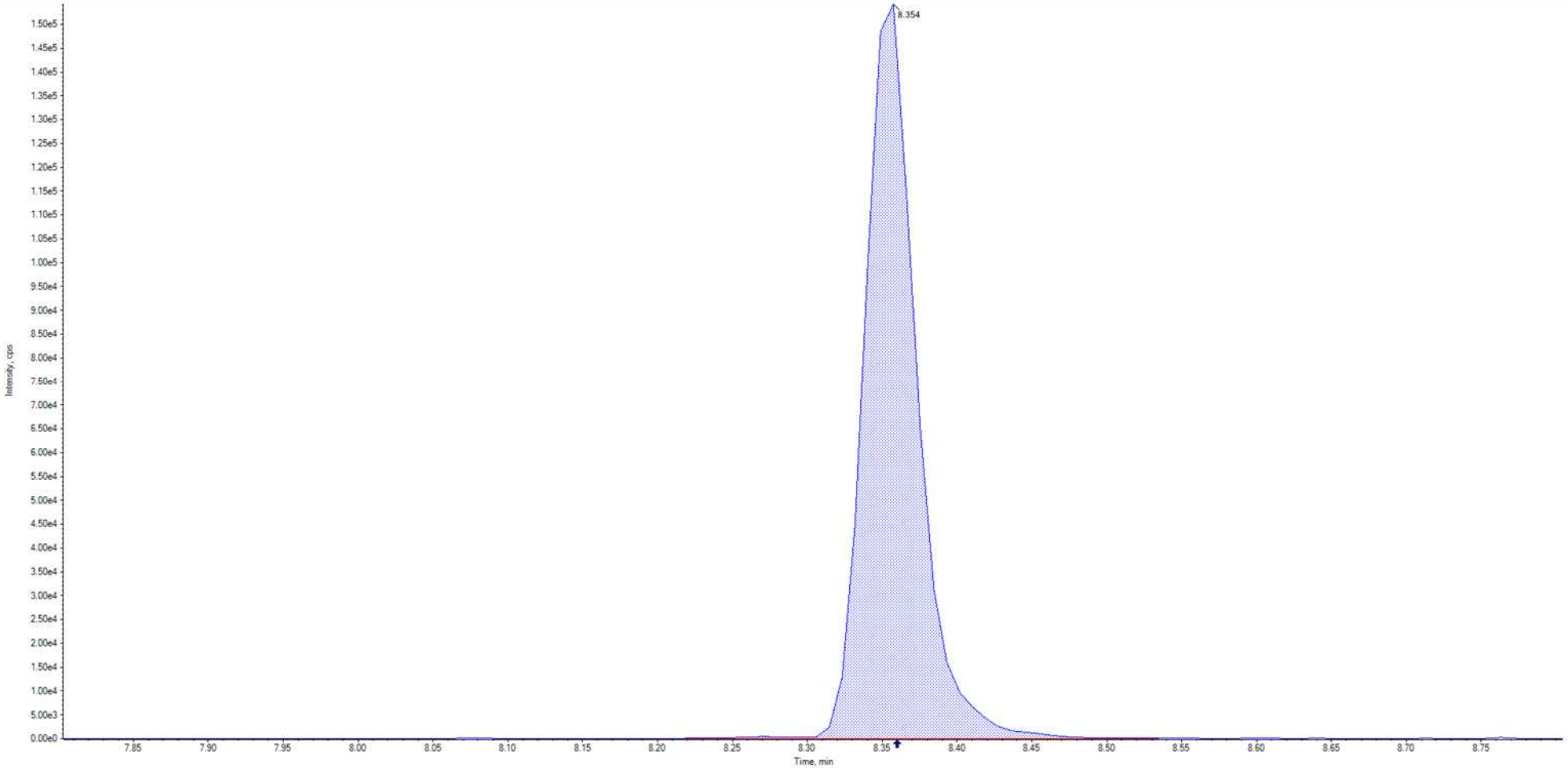
d5-NEtFOSA
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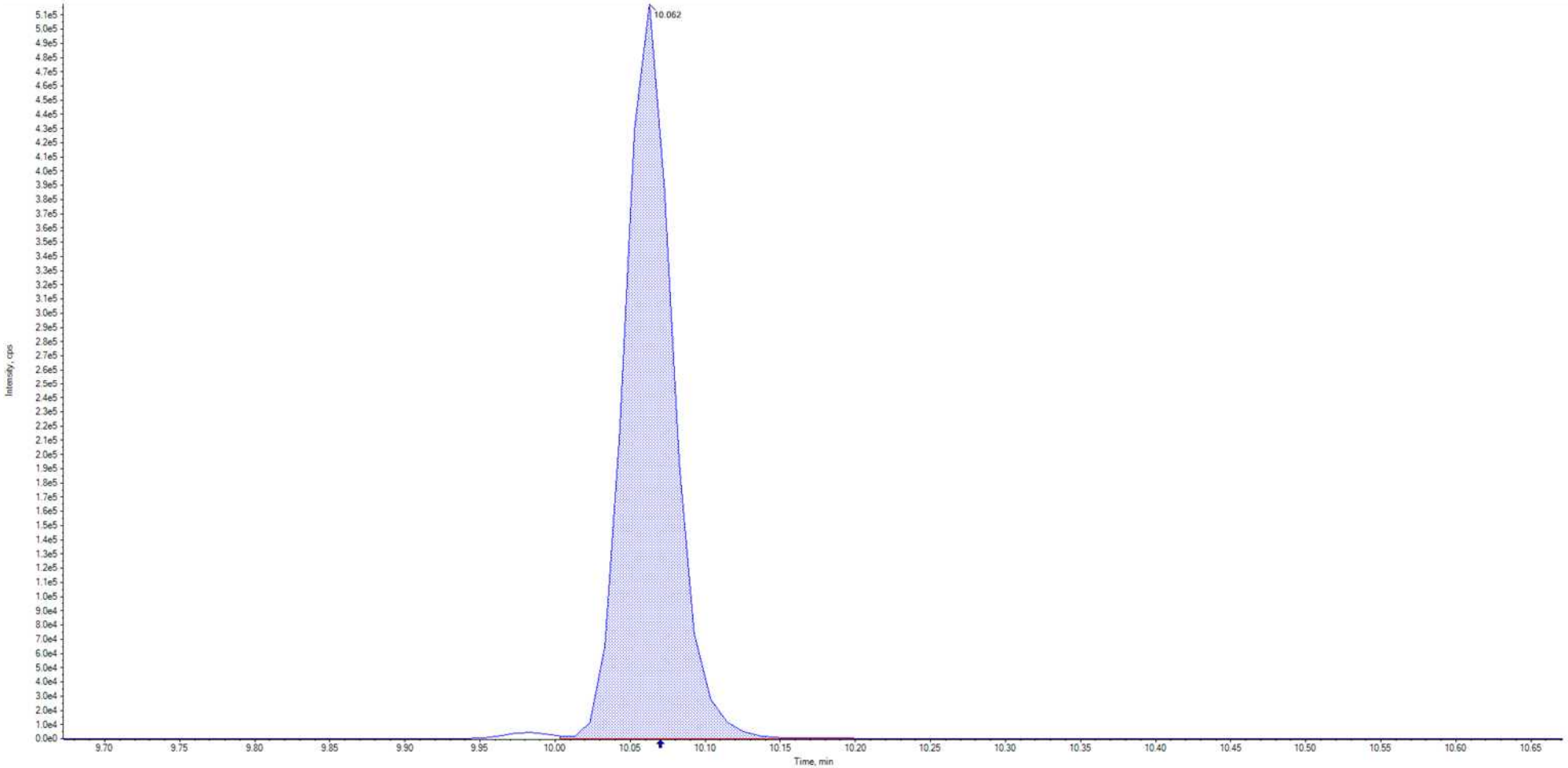
d3-NMeFOSAA
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d5-NEtFOSAA
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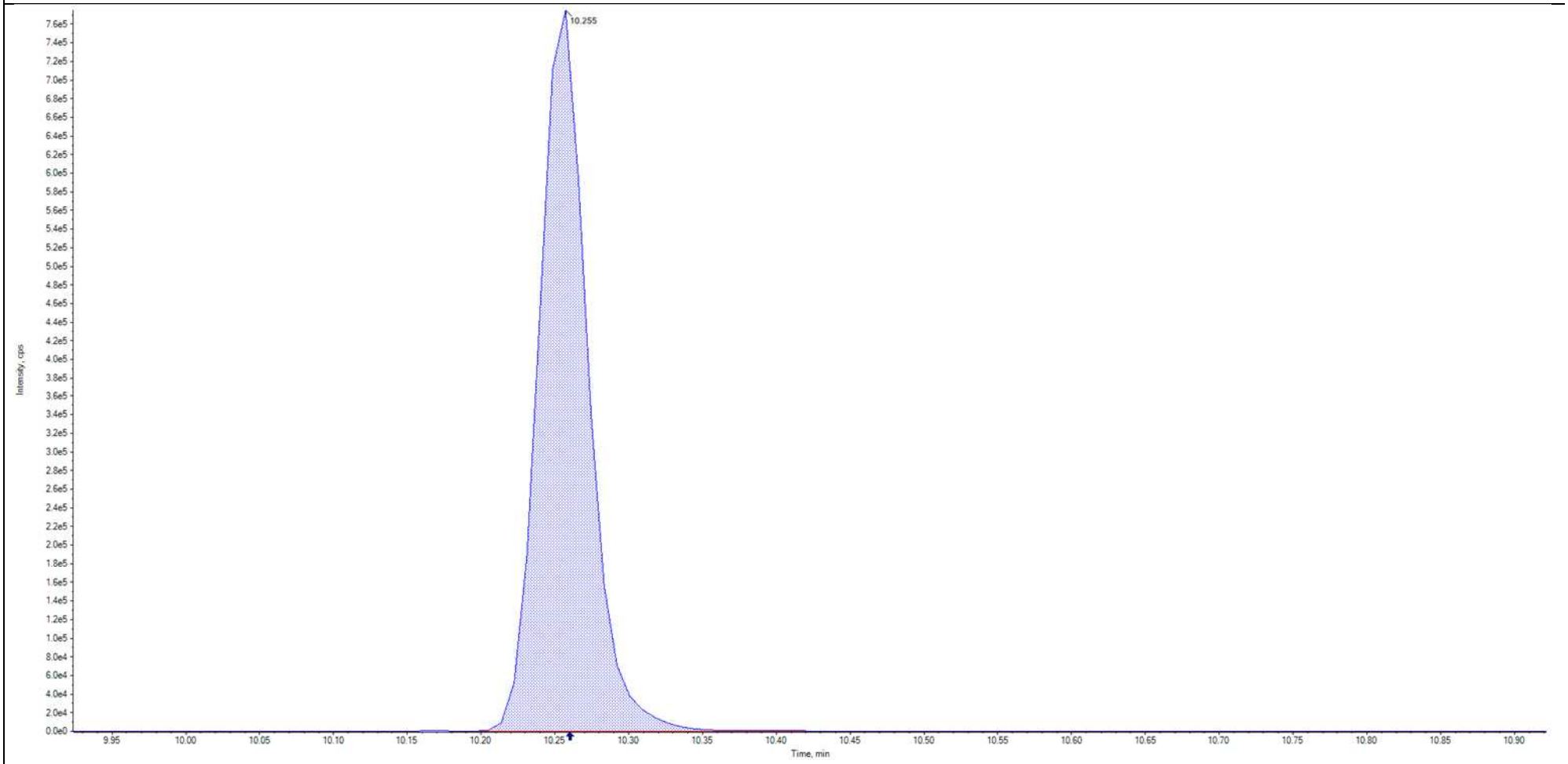


d7-NMeFOSE
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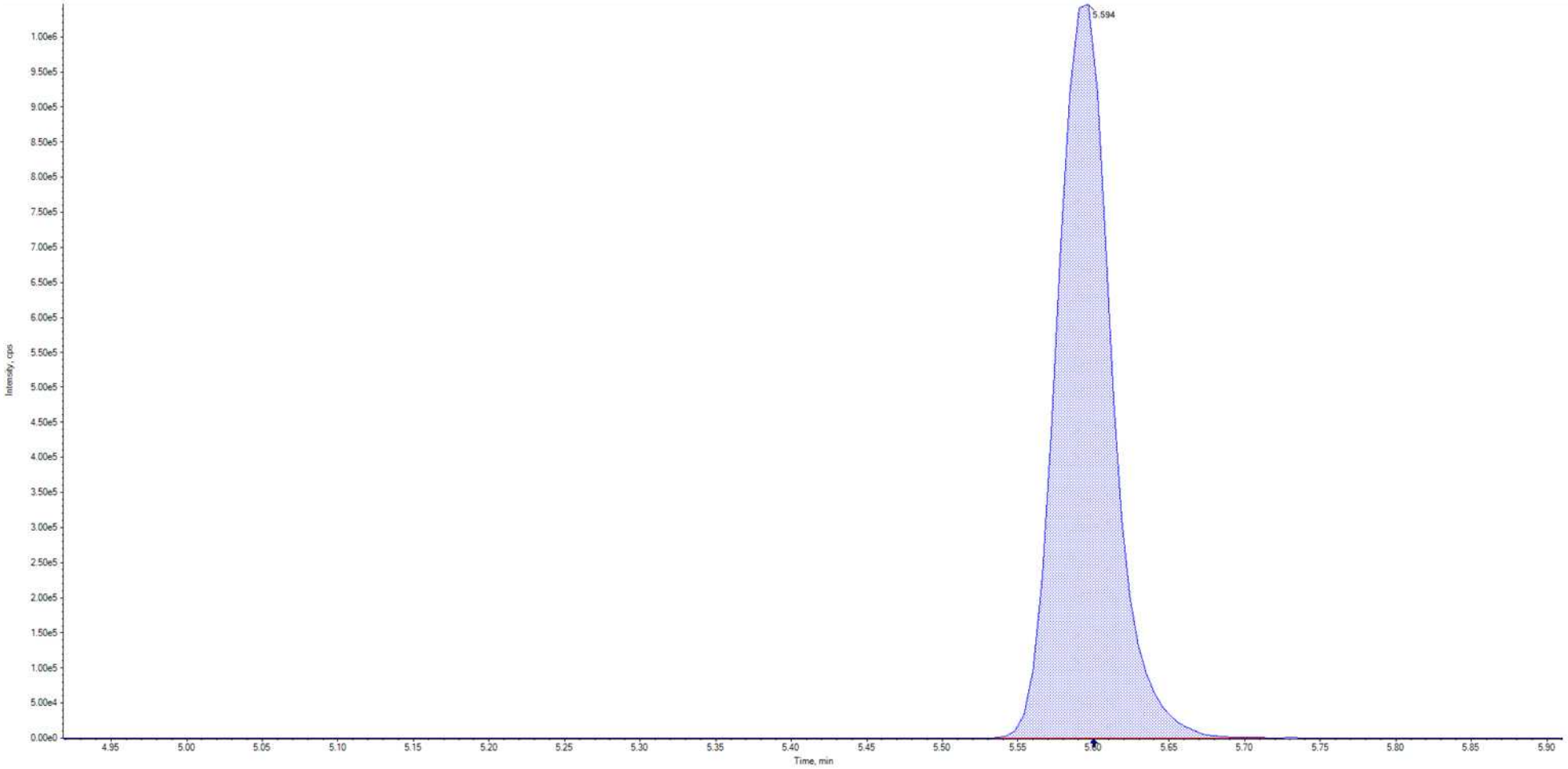


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Alpha Analytical Inc.
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d9-NEtFOSE
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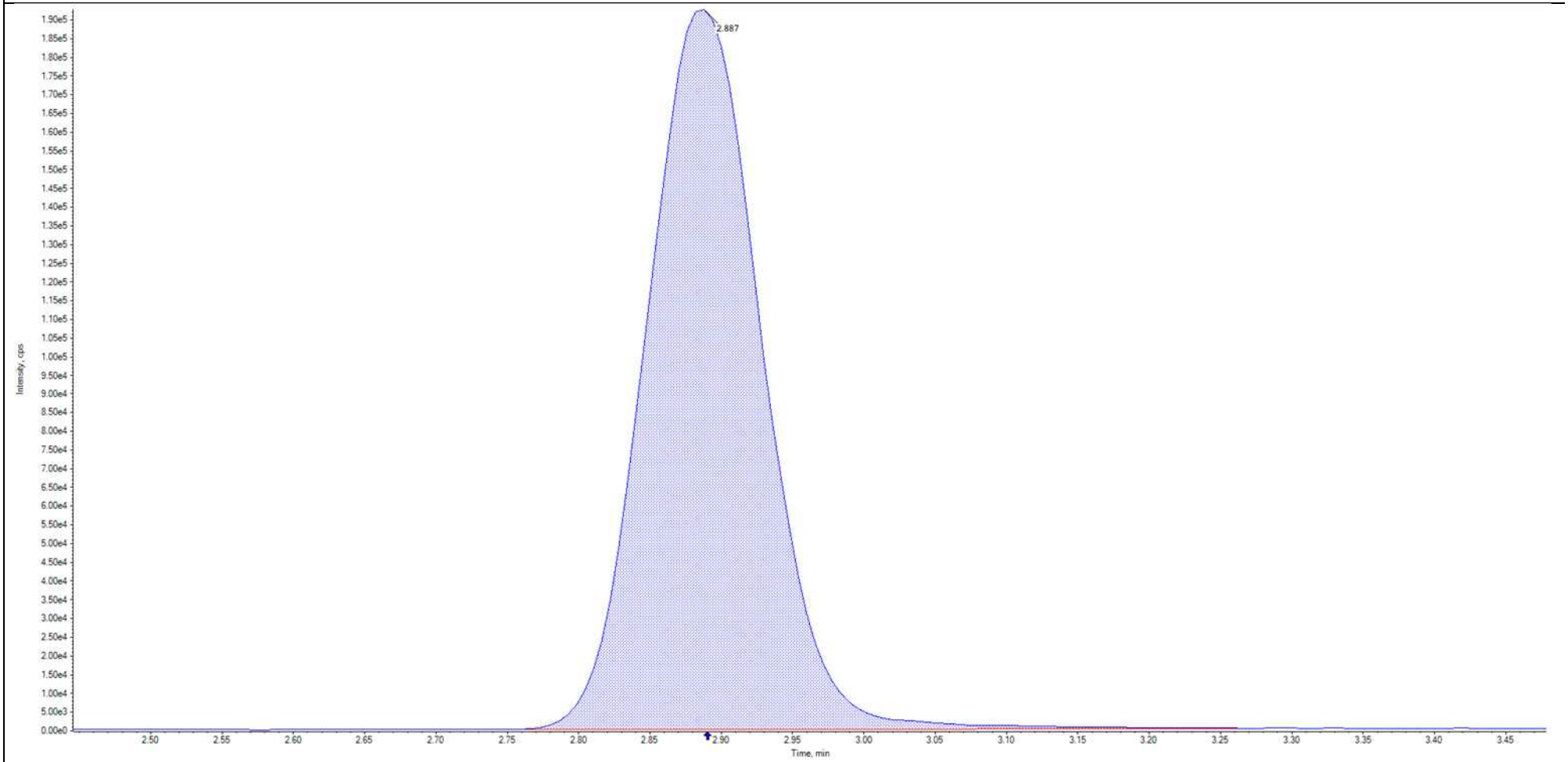


13C3-HFPO-DA
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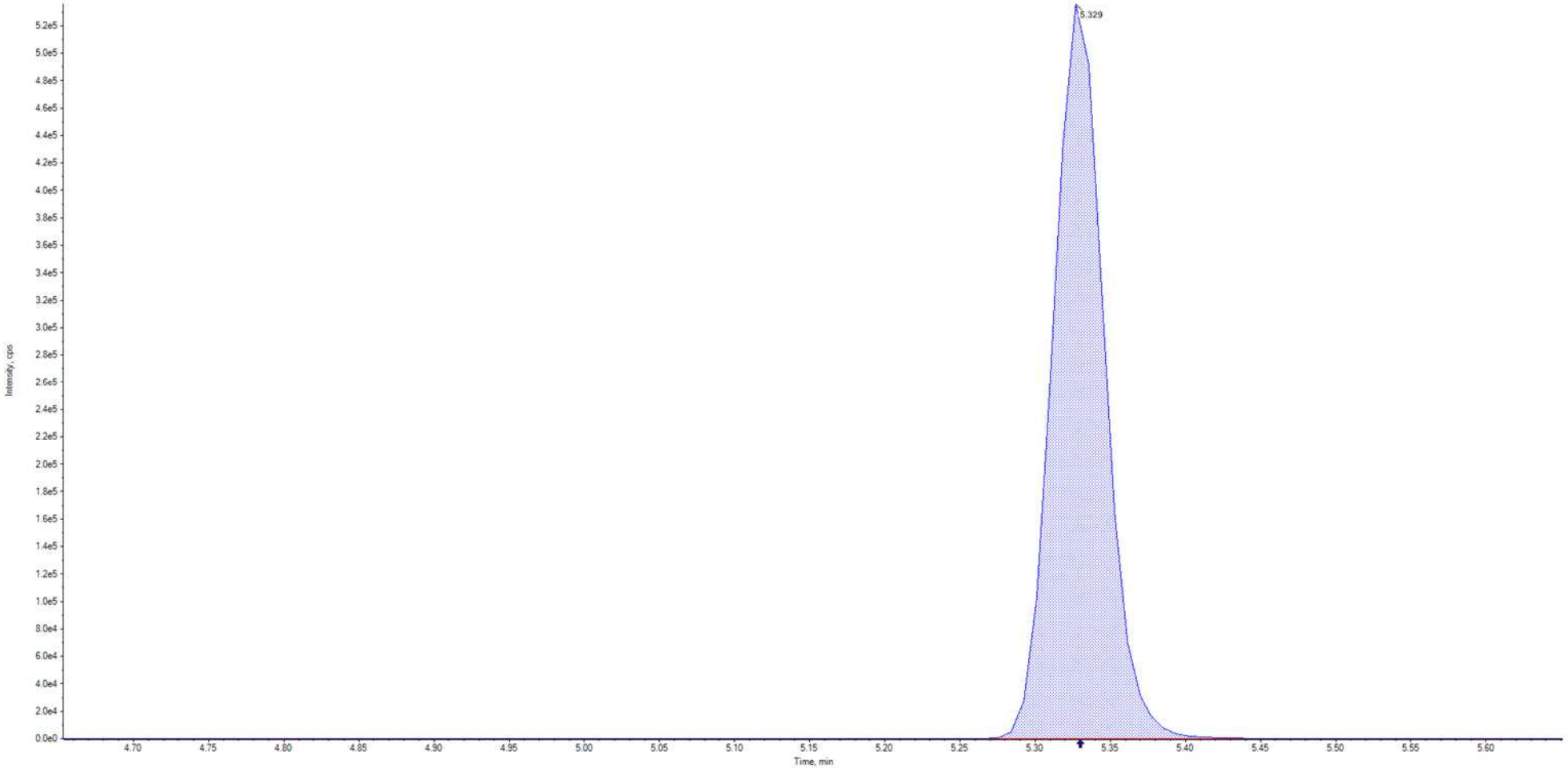
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13C3-PFBA
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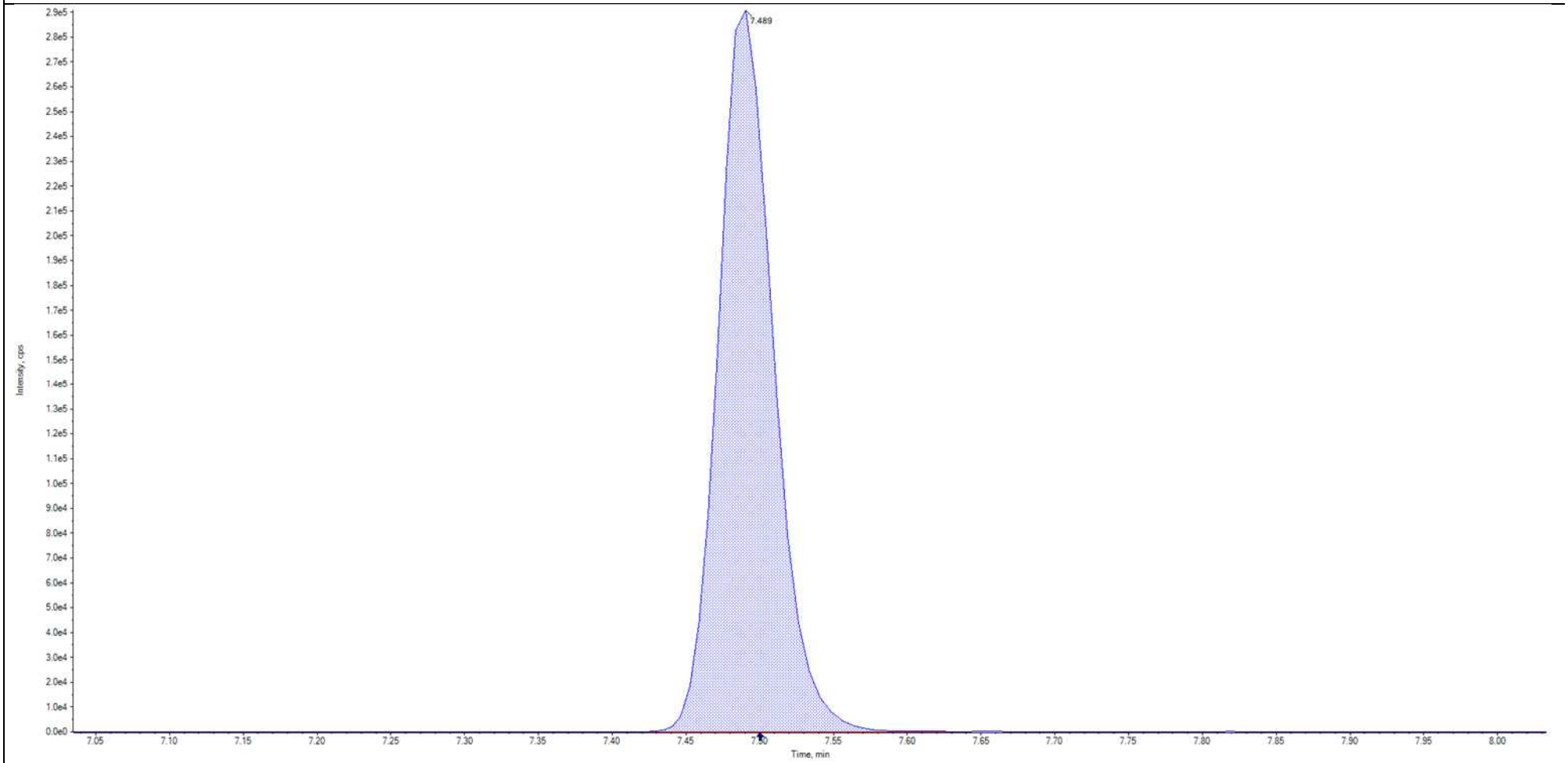


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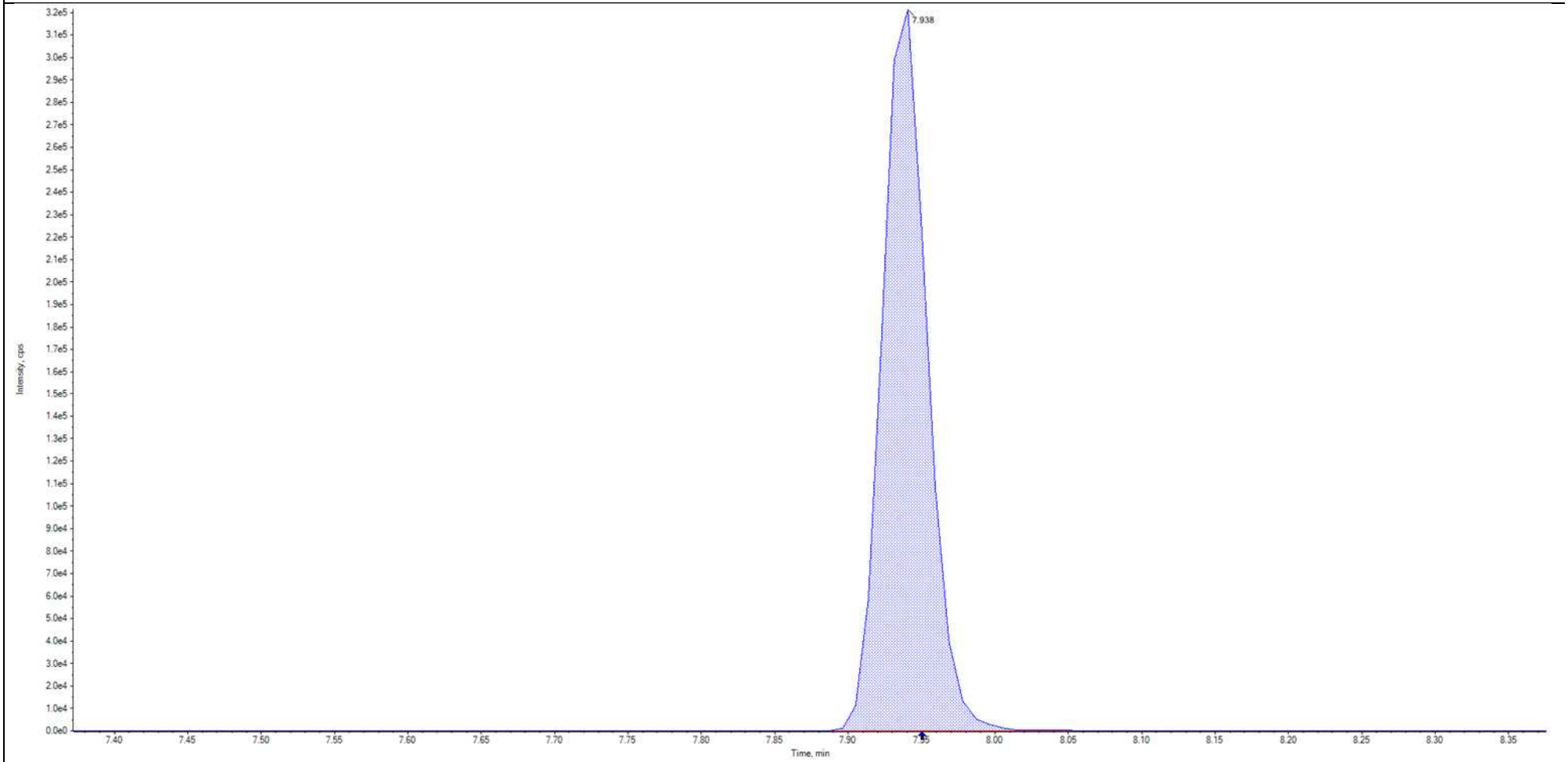
13C2-PFHxA
Sample: IA1633STD-.5



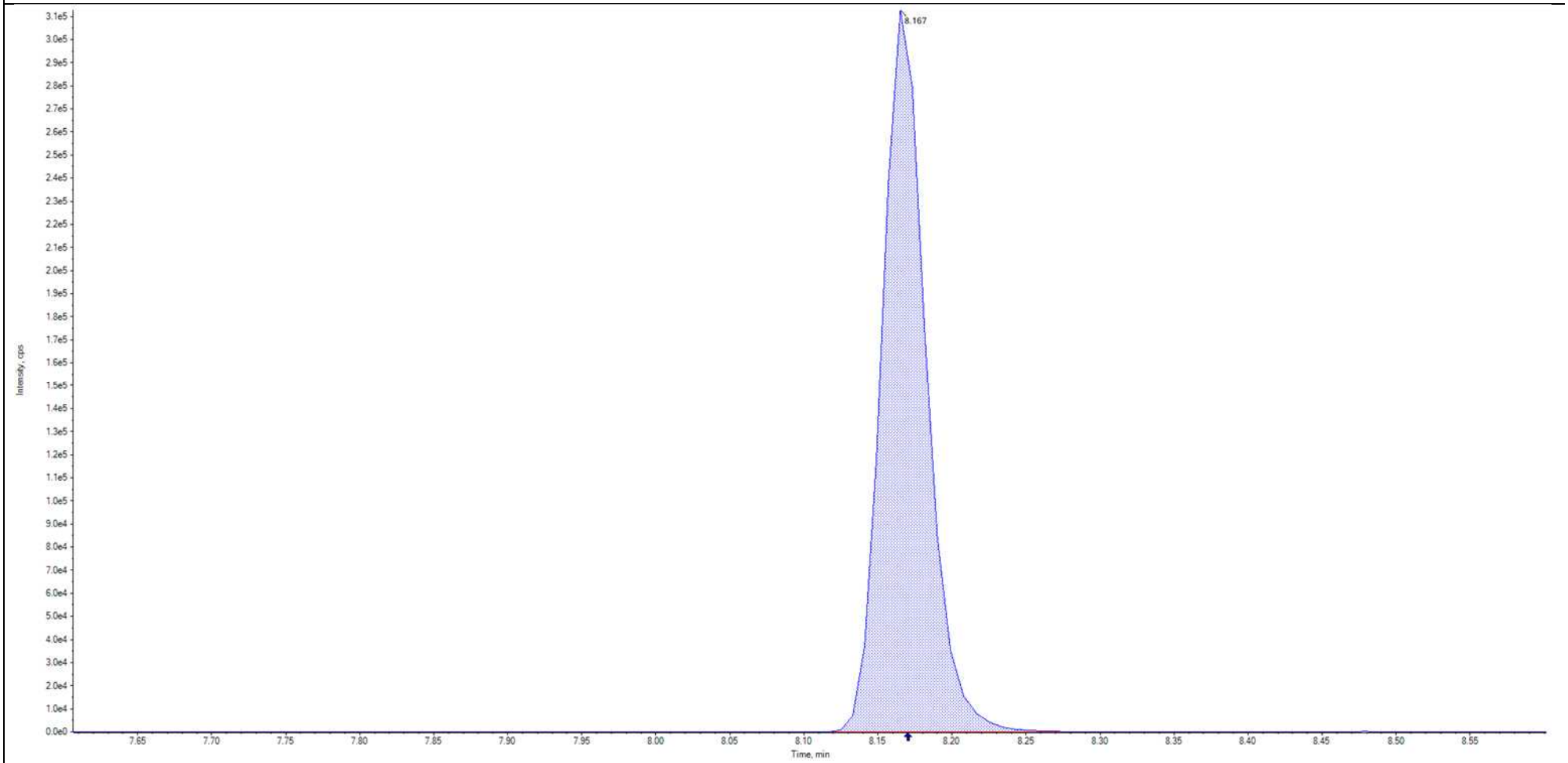
13C4-PFOA
Sample: IA1633STD-.5



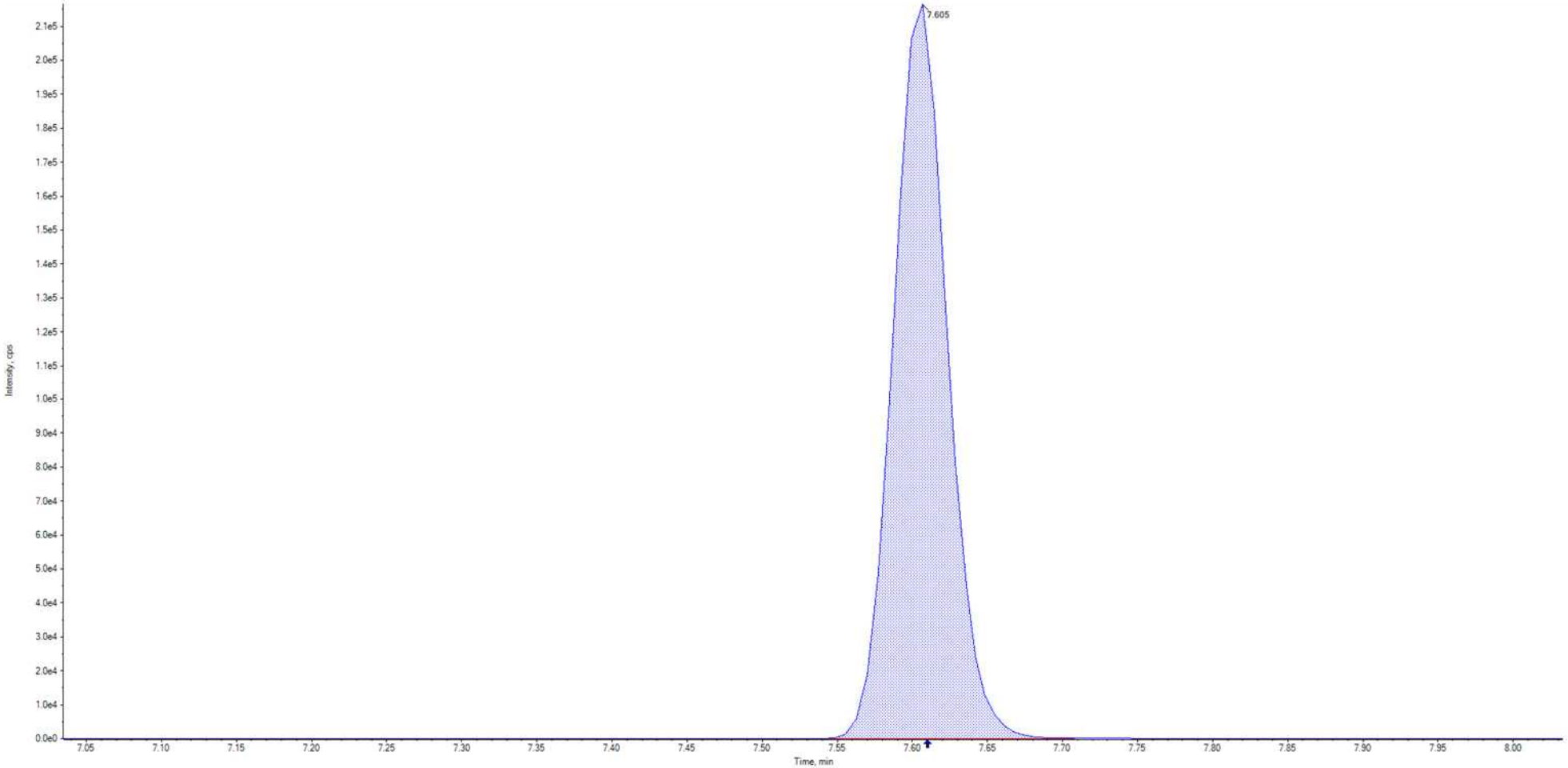
13C5-PFNA
Sample: IA1633STD-.5



13C2-PFDA
Sample: IA1633STD-.5

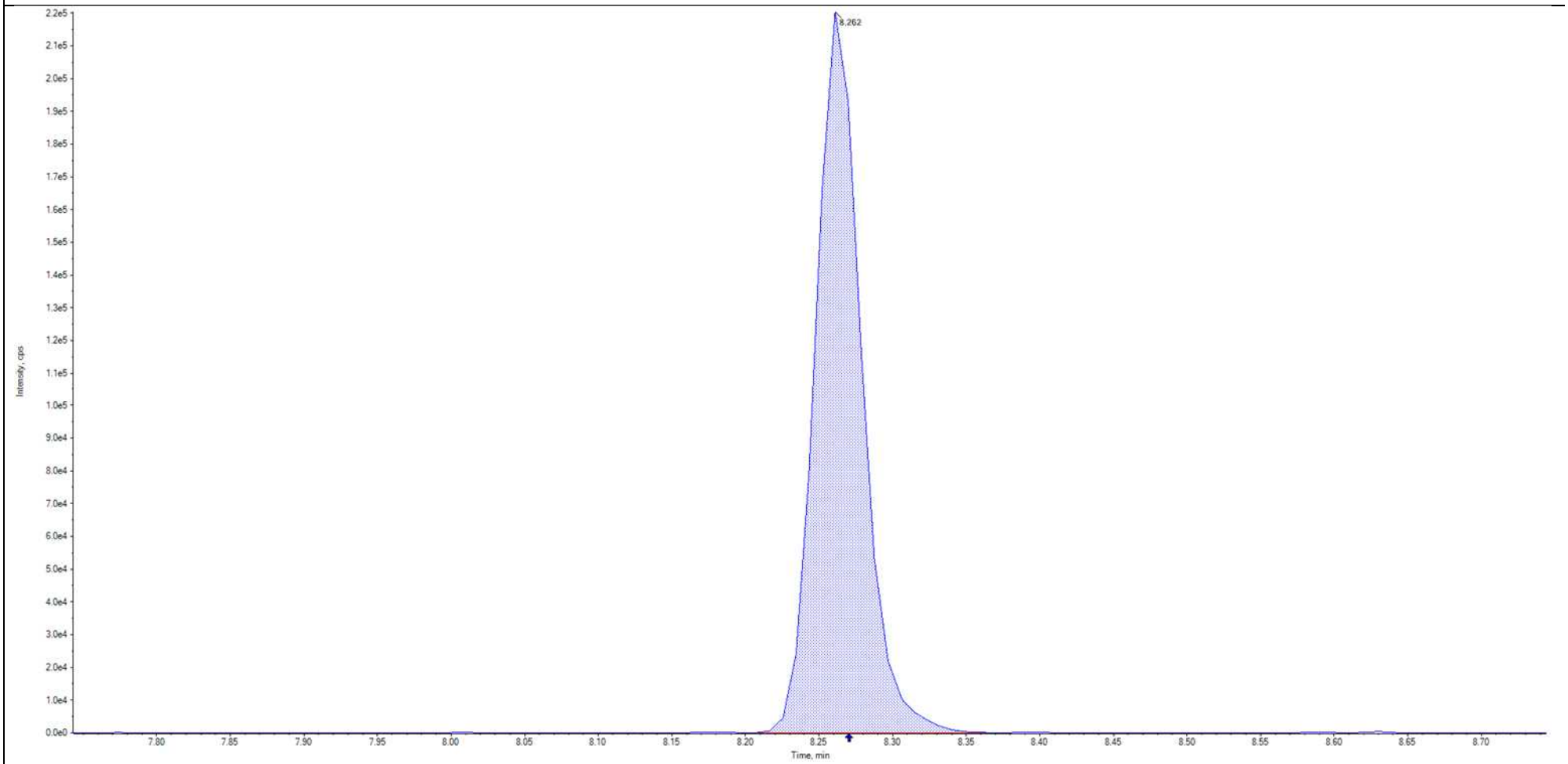


18O2-PFHxS
Sample: IA1633STD-.5



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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13C4-PFOS
Sample: IA1633STD-.5



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Method: EPA1633_NIS_CALC.qmethod
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ID: IA1633STD-1.25
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Description: WG1958909,,,12.5 ul EPA1633_240813_CAL
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.90	213.0 / 169.0	1039126		4.957	N/A	N/A	N/A	99.1
2	PFPeA	2706-90-3	4.65	263.0 / 219.0	782592		2.537	0.007	0.007	N/A	101.5
3	PFPeA_2	2706-90-3	4.65	263.0 / 68.9	5344		2.453	0.007	0.007	N/A	98.1
4	PFHxA	307-24-4	5.34	313.0 / 269.0	643791		1.214	0.076	0.072	Pass	97.1
5	PFHxA_2	307-24-4	5.34	313.0 / 119.0	48667		1.242	0.076	0.072	Pass	99.4
6	PFHpA	375-85-9	6.25	363.1 / 319.0	614946		1.247	0.312	0.297	Pass	99.8
7	PFHpA_2	375-85-9	6.25	363.1 / 169.0	191961		1.272	0.312	0.297	Pass	101.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.51	413.1 / 369.1	383547	M5	1.171	0.547	0.586	Pass	93.7
9	PFOA_2	335-67-1	7.51	413.1 / 169.0	209629	M7	1.168	0.547	0.586	Pass	93.5
10	PFNA	375-95-1	7.95	462.8 / 418.9	540767	M5	1.238	0.297	0.313	Pass	99.1
11	PFNA_2	375-95-1	7.95	462.8 / 218.9	160518	M7	1.203	0.297	0.313	Pass	96.2
12	PFDA	335-76-2	8.18	513.1 / 469.1	639422		1.278	0.148	0.142	Pass	102.3
13	PFDA_2	335-76-2	8.18	513.1 / 219.0	94660		1.263	0.148	0.142	Pass	101.0
14	PFUnA	2058-94-8	8.47	563.1 / 519.1	462255		1.271	0.190	0.194	Pass	101.7
15	PFUnA_2	2058-94-8	8.48	563.1 / 269.0	87775		1.246	0.190	0.194	Pass	99.7
16	PFDoA	307-55-1	8.91	613.1 / 569.1	489922		1.338	0.171	0.167	Pass	107.1
17	PFDoA_2	307-55-1	8.91	613.1 / 319.0	83644		1.352	0.171	0.167	Pass	108.2
18	PFTrDA	72629-94-8	9.51	663.1 / 619.1	277739		1.273	0.230	0.228	Pass	101.9
19	PFTrDA_2	72629-94-8	9.51	663.1 / 169.0	63956		1.316	0.230	0.228	Pass	105.3
20	PFTeDA	376-06-7	9.92	713.1 / 669.1	504145		1.280	0.141	0.137	Pass	102.4
21	PFTeDA_2	376-06-7	9.91	713.1 / 169.0	70969		1.318	0.141	0.137	Pass	105.4
22	PFBS	375-73-5	5.32	299.1 / 80.1	378090		1.111	0.382	0.396	Pass	100.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.32	299.1 / 99.1	144396		1.064	0.382	0.396	Pass	96.0
24	PFPeS	2706-91-4	6.34	349.1 / 80.1	332690		1.179	0.295	0.299	Pass	100.3
25	PFPeS_2	2706-91-4	6.34	349.1 / 99.1	98129		1.153	0.295	0.299	Pass	98.1
26	PFHxS	355-46-4	7.62	399.1 / 80.1	286954	M5	1.087	0.314	0.315	Pass	95.2
27	PFHxS_2	355-46-4	7.62	399.1 / 99.1	90237	M7	1.101	0.314	0.315	Pass	96.3
28	PFHpS	375-92-8	8.02	449.1 / 80.1	306646		1.166	0.303	0.287	Pass	97.9
29	PFHpS_2	375-92-8	8.02	449.1 / 99.1	92989		1.206	0.303	0.287	Pass	101.2
30	PFOS	1763-23-1	8.28	499.1 / 80.1	306039	M5	1.093	0.264	0.238	Pass	94.2
31	PFOS_2	1763-23-1	8.28	499.1 / 99.1	80734		1.176	0.264	0.238	Pass	101.4
32	PFNS	68259-12-1	8.63	549.1 / 80.1	220414		1.226	0.298	0.301	Pass	101.9
33	PFNS_2	68259-12-1	8.63	549.1 / 99.1	65593		1.204	0.298	0.301	Pass	100.2
34	PFDS	335-77-3	9.15	599.1 / 80.1	224077		1.265	0.262	0.275	Pass	104.9
35	PFDS_2	335-77-3	9.15	599.1 / 99.1	58788	M7	1.204	0.262	0.275	Pass	99.8
36	PFDoS	79780-39-5	10.01	699.2 / 80.1	199205		1.228	0.279	0.274	Pass	101.3
37	PFDoS_2	79780-39-5	10.01	699.2 / 99.1	55495		1.245	0.279	0.274	Pass	102.7

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.14	327.1 / 307.1	502551		4.095	0.606	0.516	Pass	87.4
39	4:2FTS_2	757124-72-4	5.14	327.1 / 81.1	304528		4.638	0.606	0.516	Pass	99.0
40	6:2FTS	27619-97-2	7.10	427.2 / 407.2	344993		4.789	0.551	0.565	Pass	100.8
41	6:2FTS_2	27619-97-2	7.10	427.2 / 81.1	190246		4.882	0.551	0.565	Pass	102.8
42	8:2FTS	39108-34-4	8.08	527.2 / 507.2	432638		5.049	0.635	0.662	Pass	105.2
43	8:2FTS_2	39108-34-4	8.08	527.2 / 81.1	274856		4.729	0.635	0.662	Pass	98.5
44	PFOSA	754-91-6	9.55	498.1 / 78.1	319396	M5	1.194	0.027	0.025	Pass	95.5
45	PFOSA_2	754-91-6	9.55	498.1 / 478.0	8652	M7	1.233	0.027	0.025	Pass	98.6
46	NMeFOSA	31506-32-8	10.17	512.2 / 219.0	85925	M5	1.232	1.542	1.551	Pass	98.6
47	NMeFOSA_2	31506-32-8	10.14	512.2 / 169.0	132512	M7	1.226	1.542	1.551	Pass	98.1
48	NEtFOSA	4151-50-2	10.38	526.2 / 219.0	90396	M5	1.303	1.223	1.285	Pass	104.2
49	NEtFOSA_2	4151-50-2	10.35	526.2 / 169.0	110532	M7	1.190	1.223	1.285	Pass	95.2
50	NMeFOSAA	2355-31-9	8.23	570.2 / 419.1	138283		1.252	0.590	0.700	Pass	100.2
51	NMeFOSAA_2	2355-31-9	8.23	570.2 / 483.0	81519		1.161	0.590	0.700	Pass	92.9
52	NEtFOSAA	2991-50-6	8.37	584.2 / 419.1	84369		1.169	0.514	0.487	Pass	93.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.37	584.2 / 526.2	43370		1.306	0.514	0.487	Pass	104.5
54	NMeFOSE	24448-09-7	10.08	616.1 / 58.9	1480904	M5	12.221	N/A	N/A	N/A	97.8
55	NEtFOSE	1691-99-2	10.28	630.0 / 58.9	2767938	M5	12.564	N/A	N/A	N/A	100.5
56	HFPO-DA	13252-13-6	5.60	285.0 / 169.0	1288956		4.939	0.469	0.464	Pass	98.8
57	HFPO-DA_2	13252-13-6	5.60	285.0 / 184.9	604453		4.981	0.469	0.464	Pass	99.6
58	ADONA	919005-14-4	6.72	377.1 / 251.0	2822750		4.756	0.650	0.634	Pass	100.7
59	ADONA_2	919005-14-4	6.72	377.1 / 84.8	1835980		4.781	0.650	0.634	Pass	101.2
60	9Cl-PF3ONS	756426-58-1	8.50	530.8 / 351.1	2946988		5.036	0.322	0.322	Pass	107.7
61	9Cl-PF3ONS_2	756426-58-1	8.50	532.8 / 353.0	948754		4.978	0.322	0.322	Pass	106.5
62	11Cl-PF3OUdS	763051-92-9	9.58	630.9 / 451.0	1734547		4.693	0.341	0.331	Pass	99.3
63	11Cl-PF3OUdS_2	763051-92-9	9.58	632.9 / 452.9	591328		4.753	0.341	0.331	Pass	100.6
64	3:3FTCA	356-02-5	4.92	241.1 / 177.1	162277		6.064	1.046	1.074	Pass	97.0
65	3:3FTCA_2	356-02-5	4.92	241.1 / 117.0	169763		6.334	1.046	1.074	Pass	101.3
66	5:3FTCA	914637-49-3	7.17	341.1 / 237.1	2908807		30.238	0.966	0.953	Pass	96.8
67	5:3FTCA_2	914637-49-3	7.16	341.1 / 217.0	2808872		30.858	0.966	0.953	Pass	98.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.22	441.1 / 316.9	3798713		35.472	1.438	1.558	Pass	113.5
69	7:3FTCA_2	812-70-4	8.21	441.1 / 337.1	5461619		35.145	1.438	1.558	Pass	112.5
70	PFEESA	113507-82-7	5.71	315.1 / 135.0	1967602		2.139	0.087	0.087	Pass	96.1
71	PFEESA_2	113507-82-7	5.71	315.1 / 82.9	170520		2.145	0.087	0.087	Pass	96.4
72	PFMPA	377-73-1	3.86	229.0 / 85.0	90755		2.430	N/A	N/A	N/A	97.2
73	PFMBA	863090-89-5	4.88	279.0 / 85.0	1223138		2.429	N/A	N/A	N/A	97.2
74	NFDHA	151772-58-6	5.26	295.0 / 201.0	227164		2.345	0.993	0.910	Pass	93.8
75	NFDHA_2	151772-58-6	5.26	295.0 / 84.9	225686		2.542	0.993	0.910	Pass	101.7
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.13	333.2 / 312.1	924127		4.740	N/A	N/A	N/A	94.8
79	13C2-PFOA	Surr	7.50	415.0 / 370.0	3340729		2.520	N/A	N/A	N/A	100.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2584883		9.853	NA	NA	NA	98.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1673101		5.065	NA	NA	NA	101.3
	13C5-PFHxA	EIS	5.34	318.0 / 273.0	1088024		2.507	NA	NA	NA	100.3
	13C4-PFHpA	EIS	6.25	367.0 / 322.0	1052479		2.423	NA	NA	NA	96.9
	13C8-PFOA	EIS	7.50	421.0 / 376.0	1573759		2.629	NA	NA	NA	105.2
	13C9-PFNA	EIS	7.95	472.0 / 427.0	745840		1.268	NA	NA	NA	101.5
	13C6-PFDA	EIS	8.18	519.0 / 474.0	725556		1.264	NA	NA	NA	101.1
	13C7-PFUnA	EIS	8.47	570.0 / 525.0	575301		1.238	NA	NA	NA	99.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.91	615.1 / 570.0	351913		1.165	NA	NA	NA	93.2
	13C2-PFTeDA	EIS	9.91	715.1 / 670.1	392782		1.197	NA	NA	NA	95.8
	13C3-PFBS	EIS	5.31	302.1 / 80.1	811249		2.233	NA	NA	NA	95.8
	13C3-PFHxS	EIS	7.62	402.1 / 80.1	661309		2.292	NA	NA	NA	96.7
	13C8-PFOS	EIS	8.27	507.1 / 80.1	681932		2.307	NA	NA	NA	96.3
	13C2-4:2FTS	EIS	5.14	329.1 / 81.1	293698		4.530	NA	NA	NA	96.6
	13C2-6:2FTS	EIS	7.09	429.2 / 81.1	208826		4.395	NA	NA	NA	92.4
	13C2-8:2FTS	EIS	8.07	529.2 / 81.1	324531		4.667	NA	NA	NA	97.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.55	506.1 / 78.1	1000714		2.546	NA	NA	NA	101.9
	d3-NMeFOSA	EIS	10.16	515.2 / 219.0	162799		2.461	NA	NA	NA	98.4
	d5-NEtFOSA	EIS	10.37	531.2 / 219.0	157977		2.445	NA	NA	NA	97.8
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	839143		5.611	NA	NA	NA	112.2
	d5-NEtFOSAA	EIS	8.36	589.3 / 419.1	386999		4.924	NA	NA	NA	98.5
	d7-NMeFOSE	EIS	10.07	623.2 / 58.9	1227980		24.037	NA	NA	NA	96.1
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1876709		24.916	NA	NA	NA	99.7

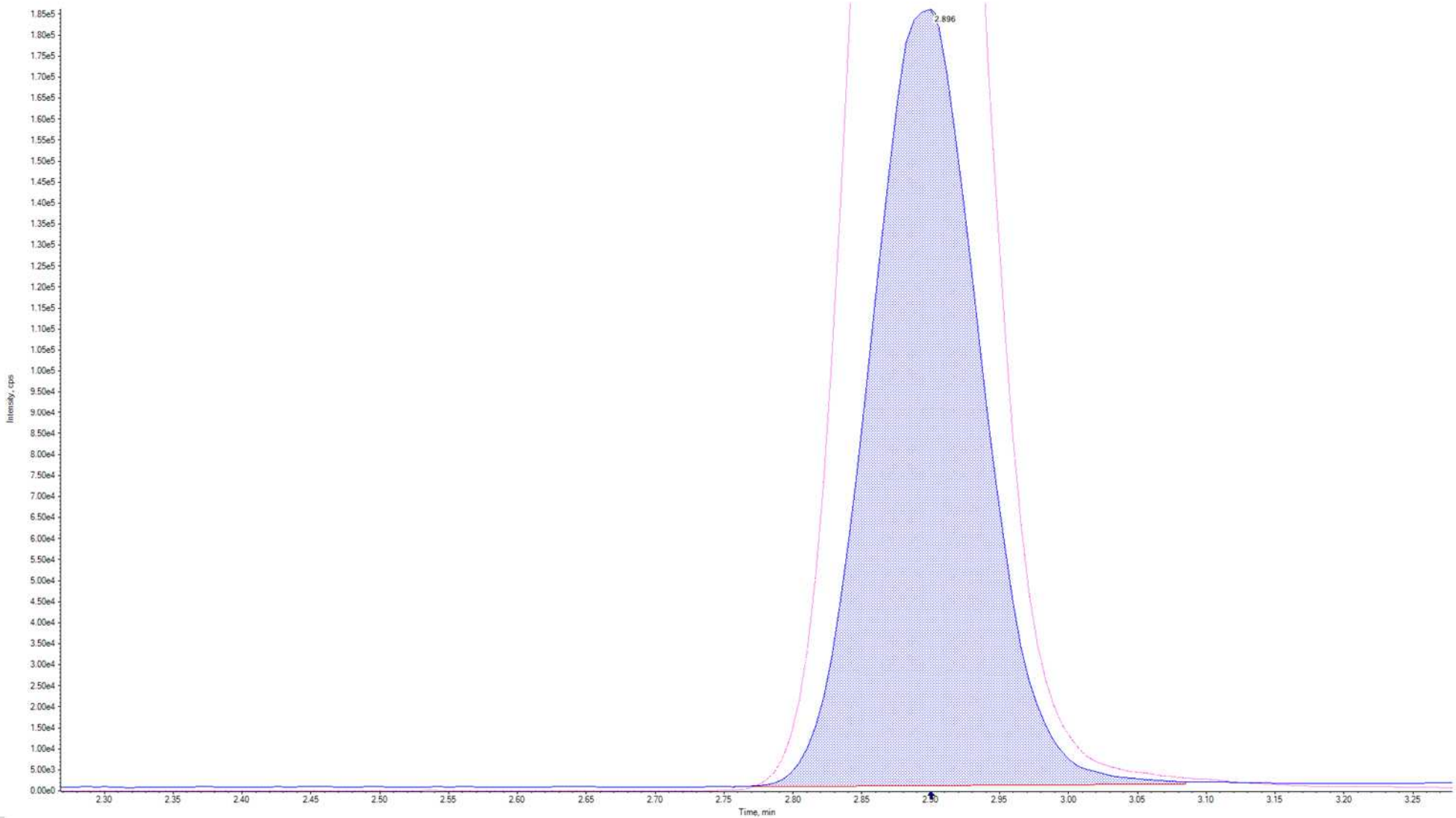
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.60	287.0 / 169.0	2846811		9.900	NA	NA	NA	99.0
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1147644		5.367	NA	NA	NA	107.3
	13C2-PFHxA	NIS	5.34	315.0 / 270.0	1288338		2.631	NA	NA	NA	105.3
	13C4-PFOA	NIS	7.50	417.0 / 372.0	783096		2.501	NA	NA	NA	100.1
	13C5-PFNA	NIS	7.95	468.0 / 423.0	716354		1.308	NA	NA	NA	104.6
	13C2-PFDA	NIS	8.17	515.1 / 470.1	674386		1.316	NA	NA	NA	105.3
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	586465		2.503	NA	NA	NA	105.6
	13C4-PFOS	NIS	8.27	503.1 / 80.1	522882		2.483	NA	NA	NA	103.7

Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

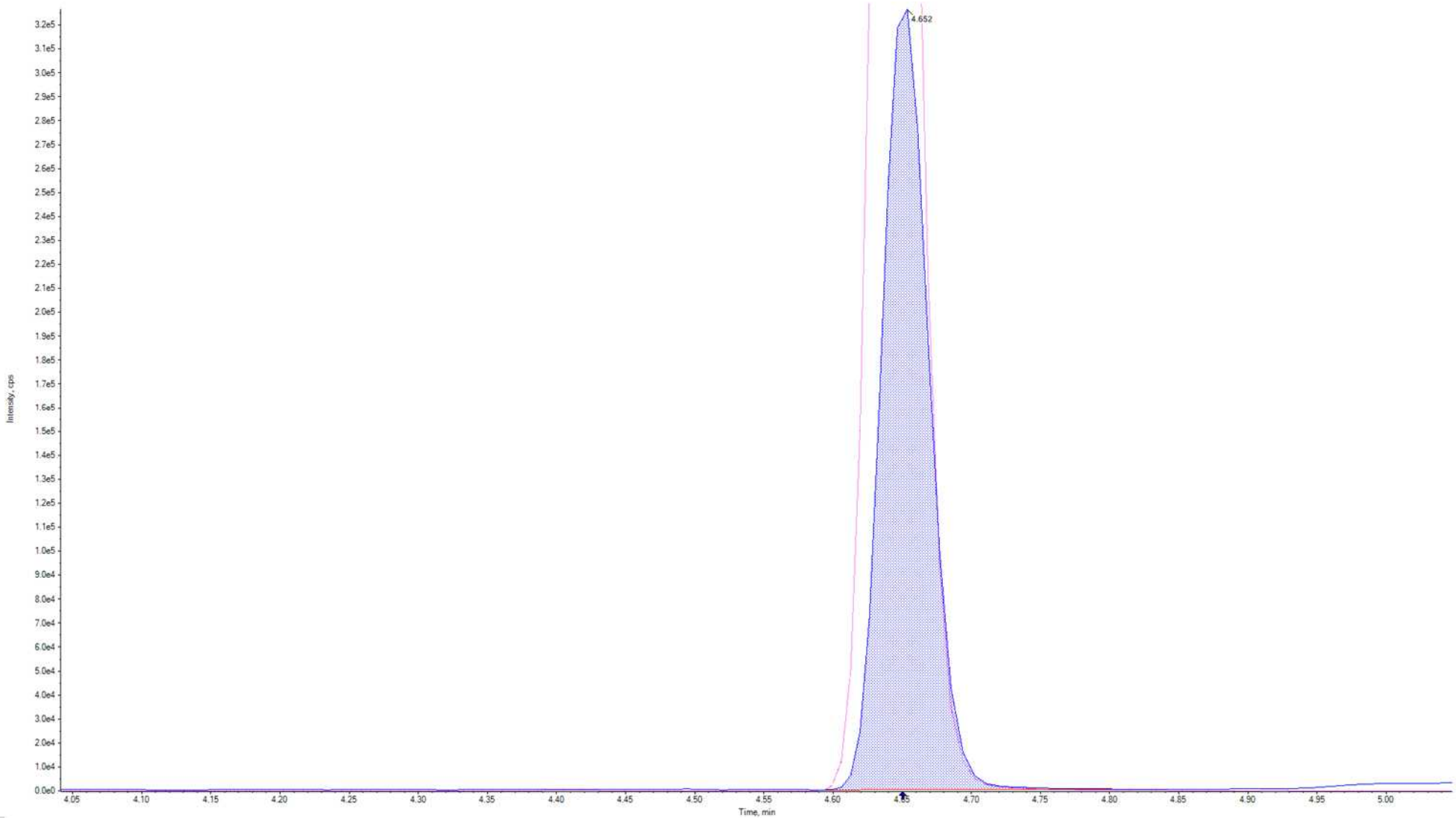
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFBA
Sample: IA1633STD-1.25 S/N:1468.4 Points Across peak:56



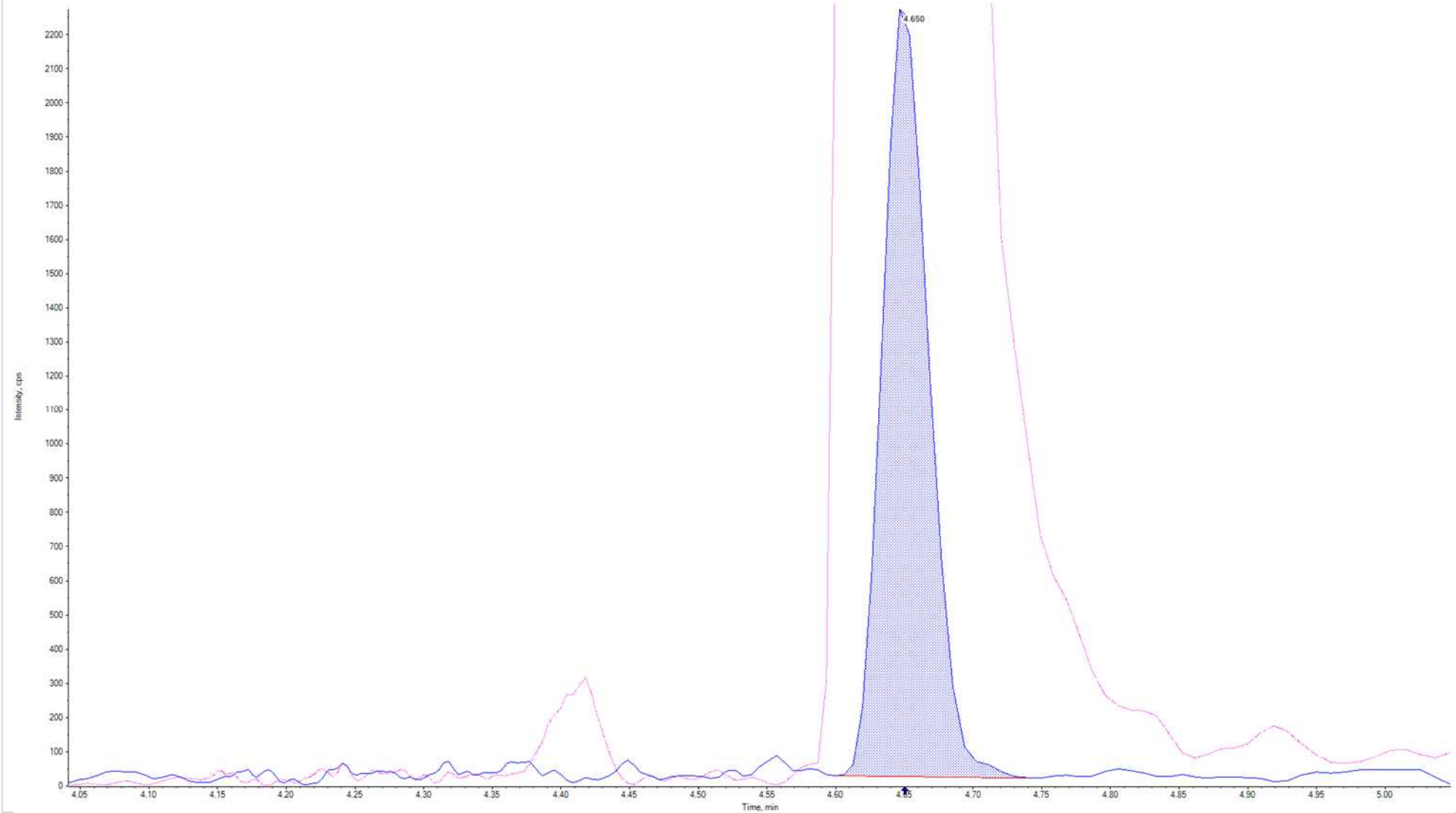
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeA
Sample: IA1633STD-1.25 S/N:1885.9 Points Across peak:30



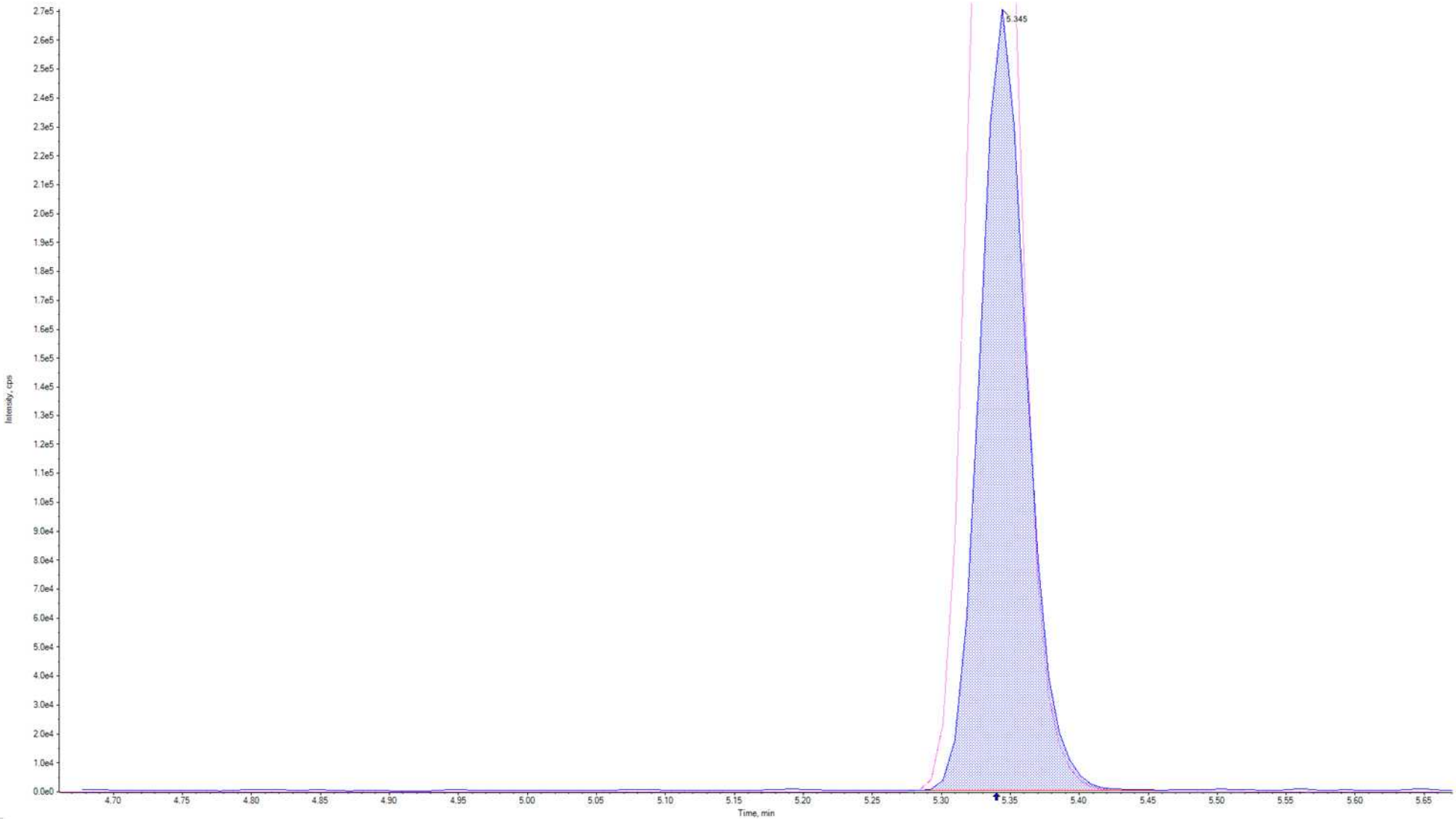
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeA_2
Sample: IA1633STD-1.25 S/N:664.7 Points Across peak:20



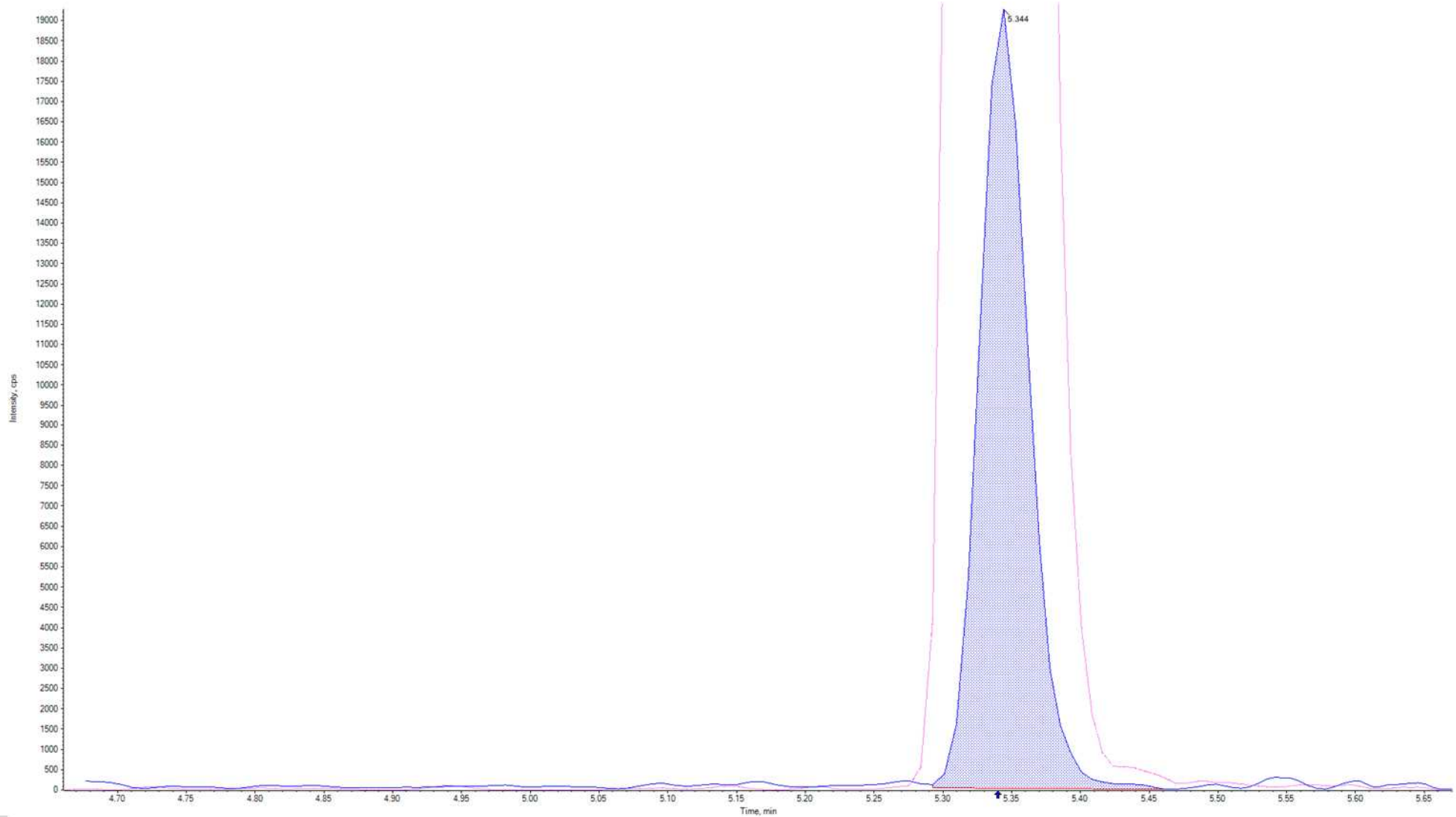
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxA
Sample: IA1633STD-1.25 S/N:1118.7 Points Across peak:23



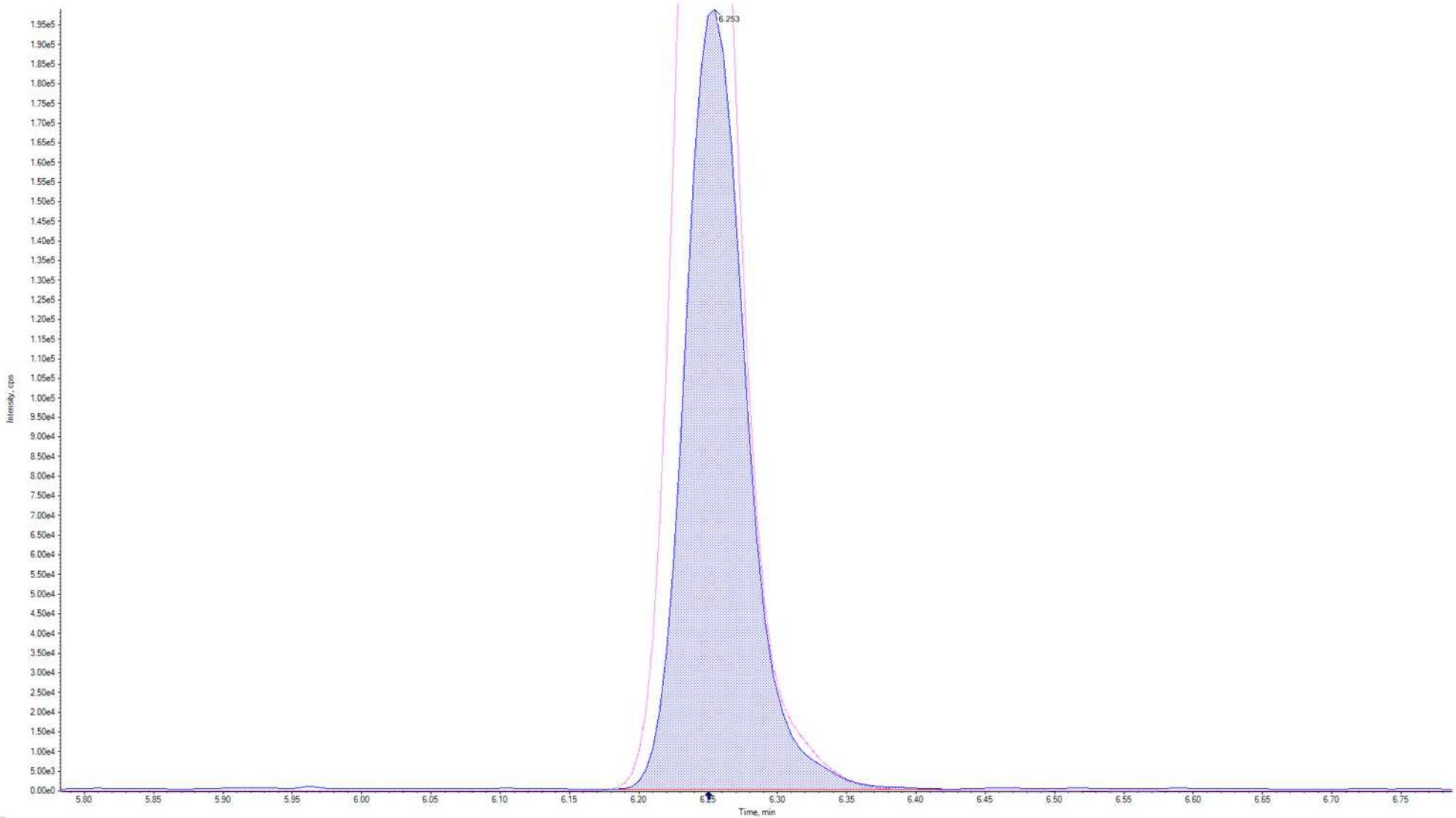
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxA_2
Sample: IA1633STD-1.25 S/N:991.5 Points Across peak:22



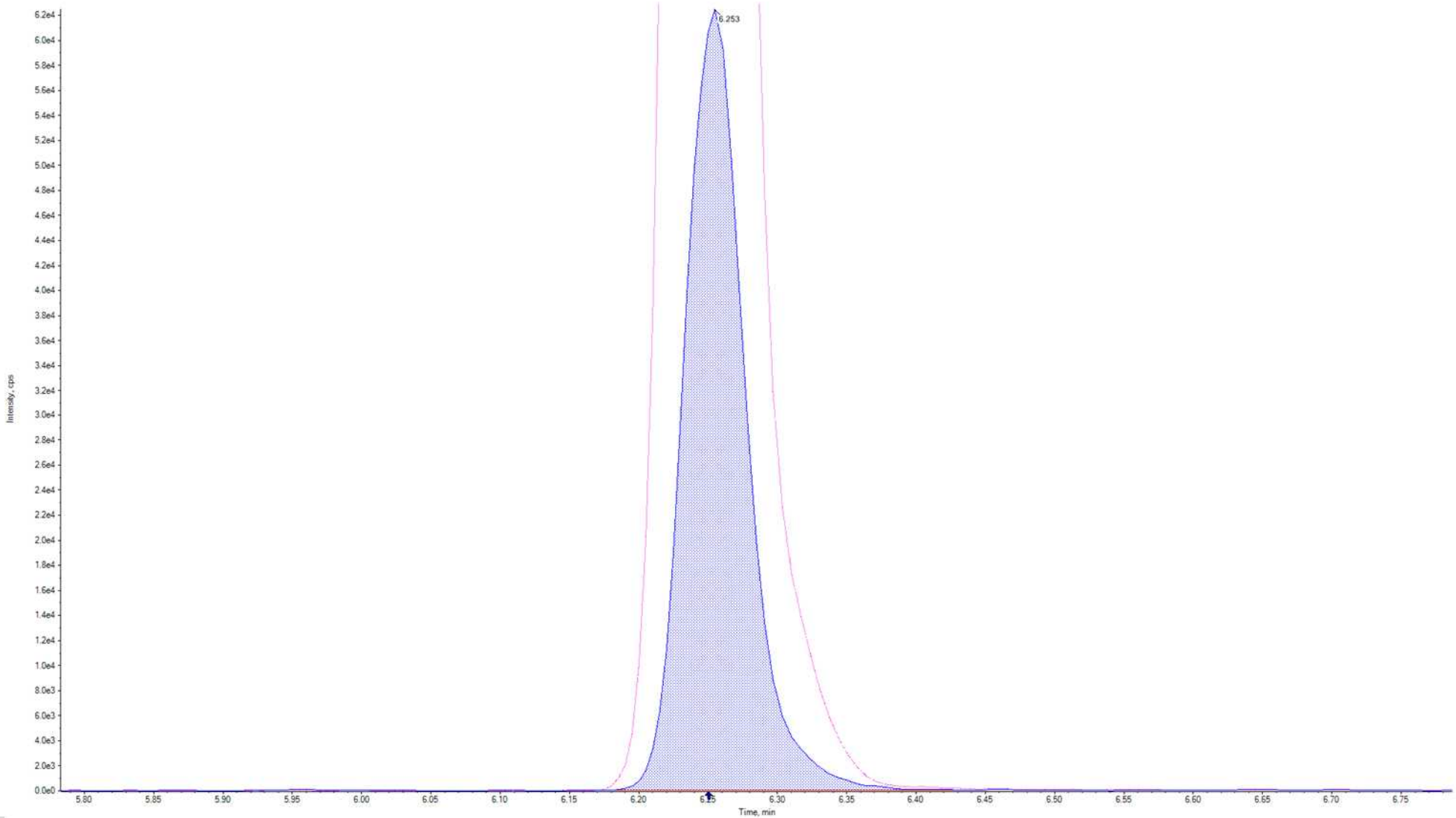
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpA
Sample: IA1633STD-1.25 S/N:1929.5 Points Across peak:45



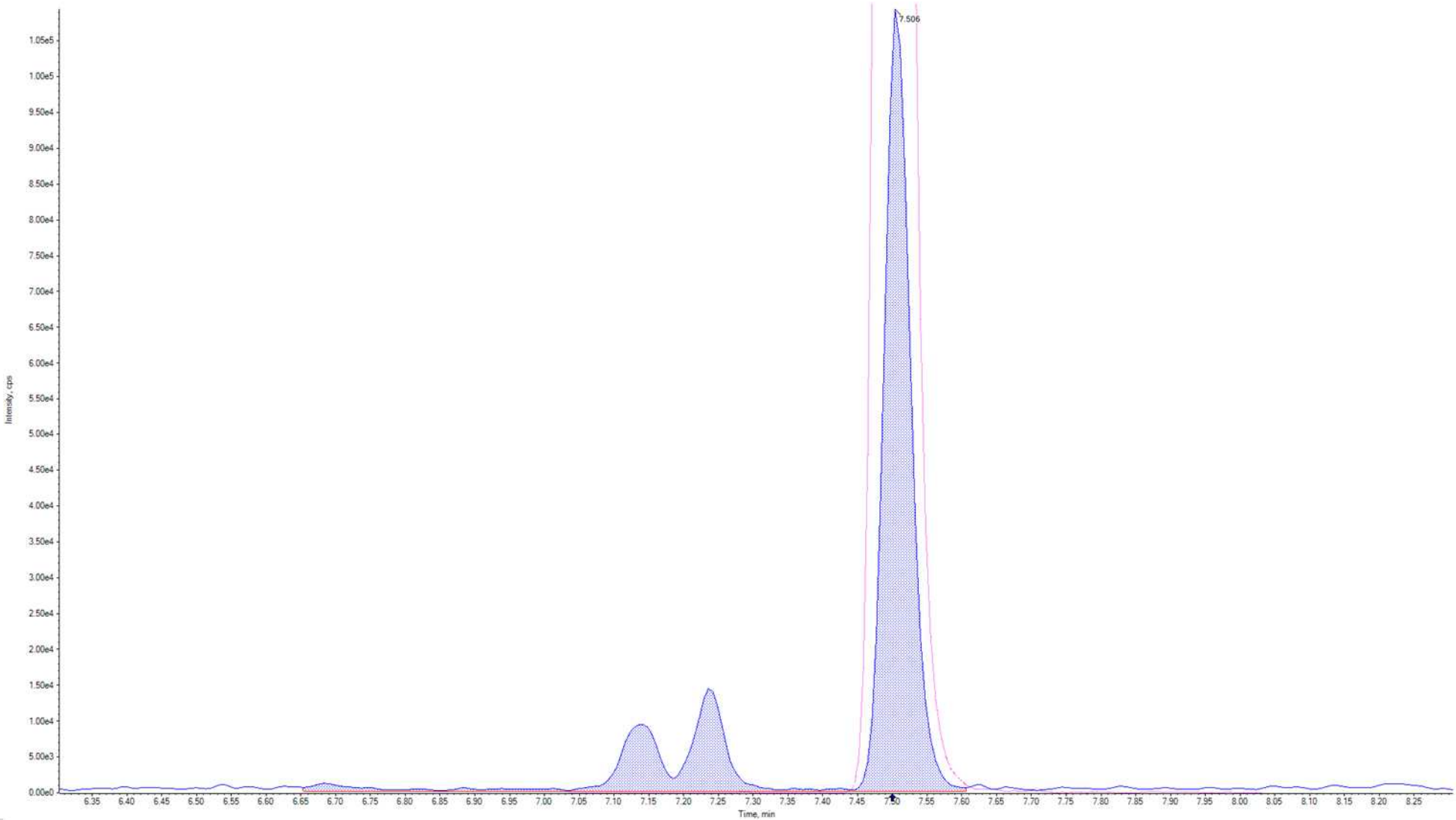
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpA_2
Sample: IA1633STD-1.25 S/N:13190.9 Points Across peak:44



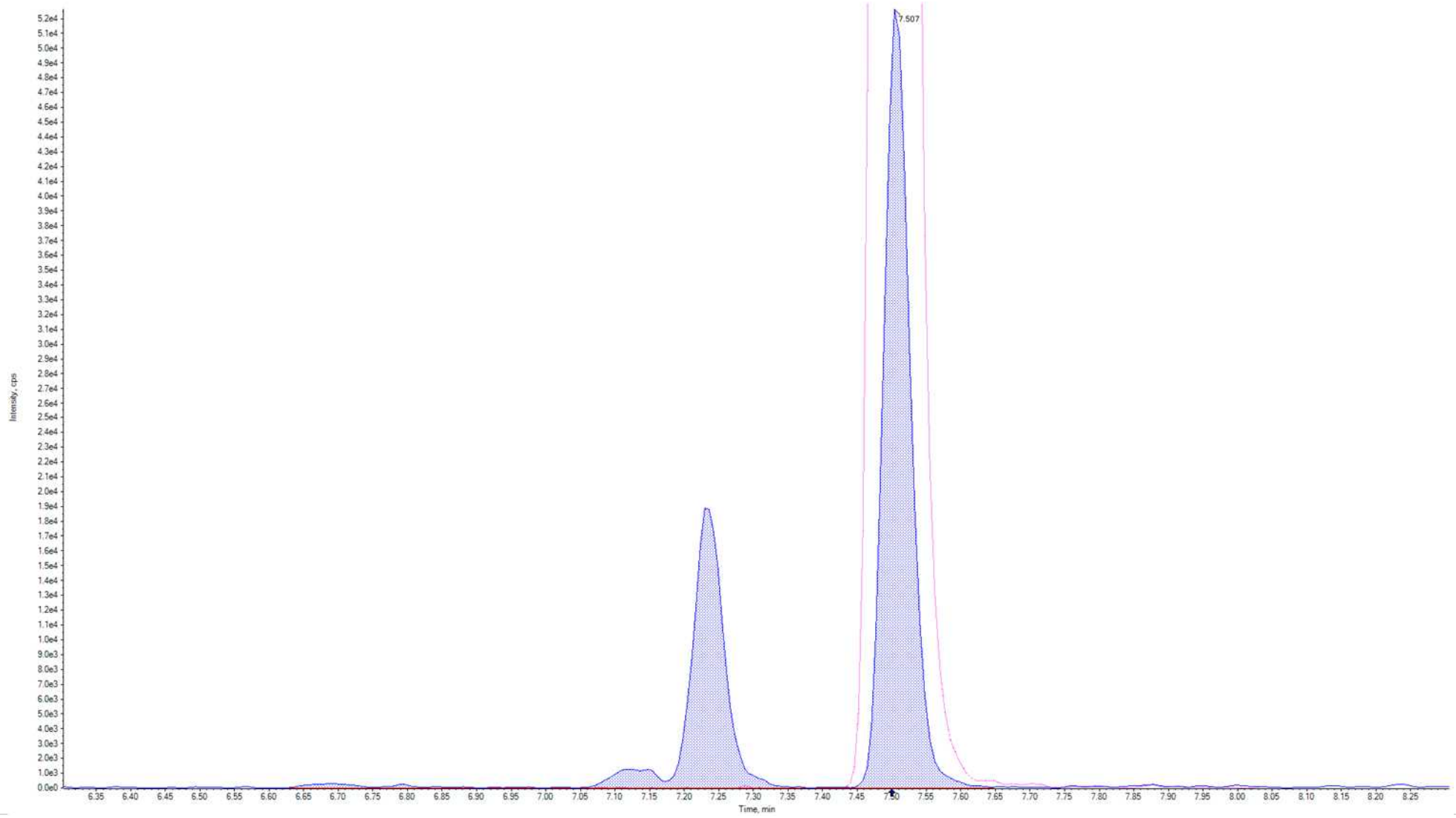
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOA
Sample: IA1633STD-1.25 S/N:949.6 Points Across peak:148



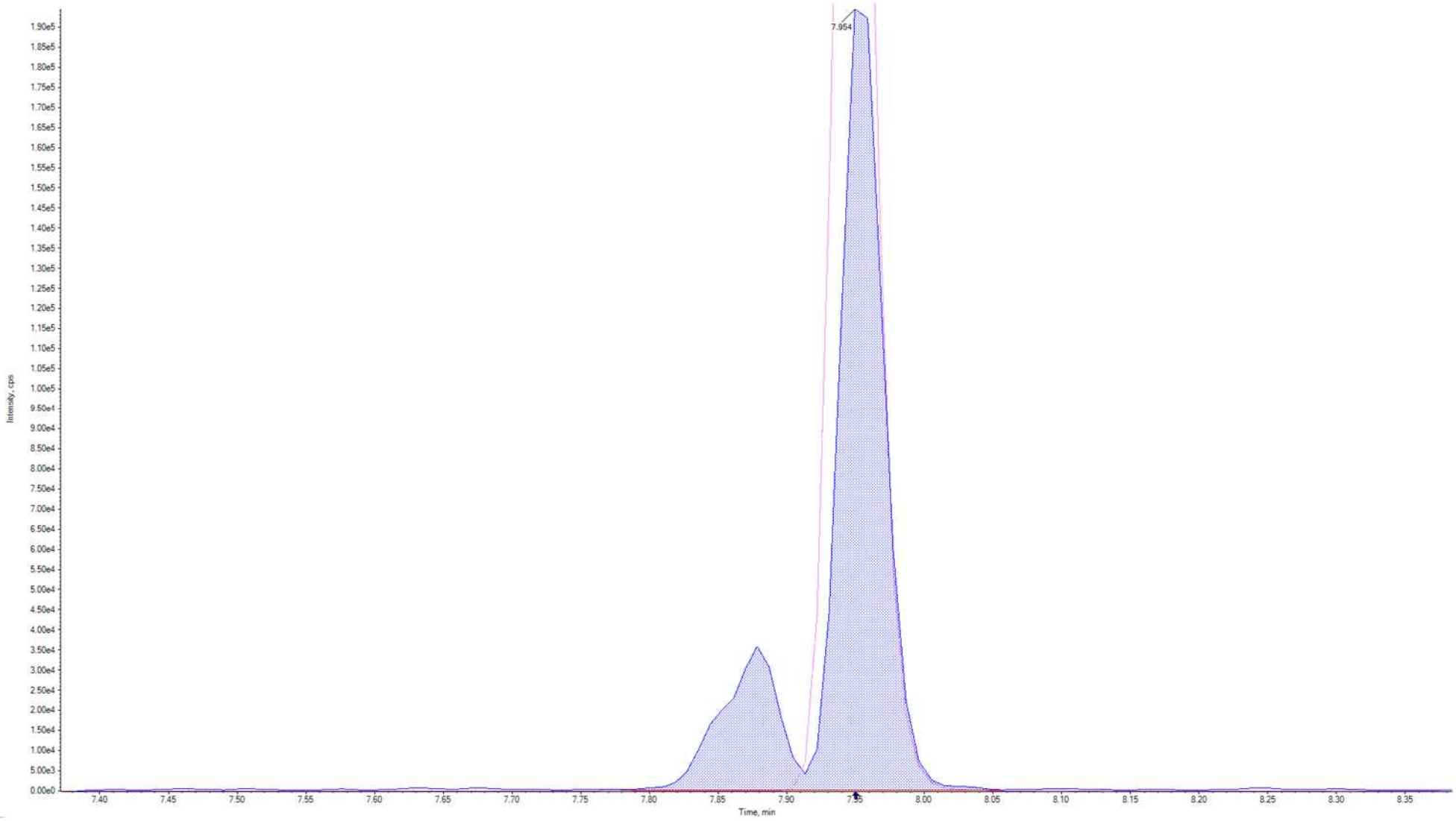
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOA_2
Sample: IA1633STD-1.25 S/N:58125.7 Points Across peak:157



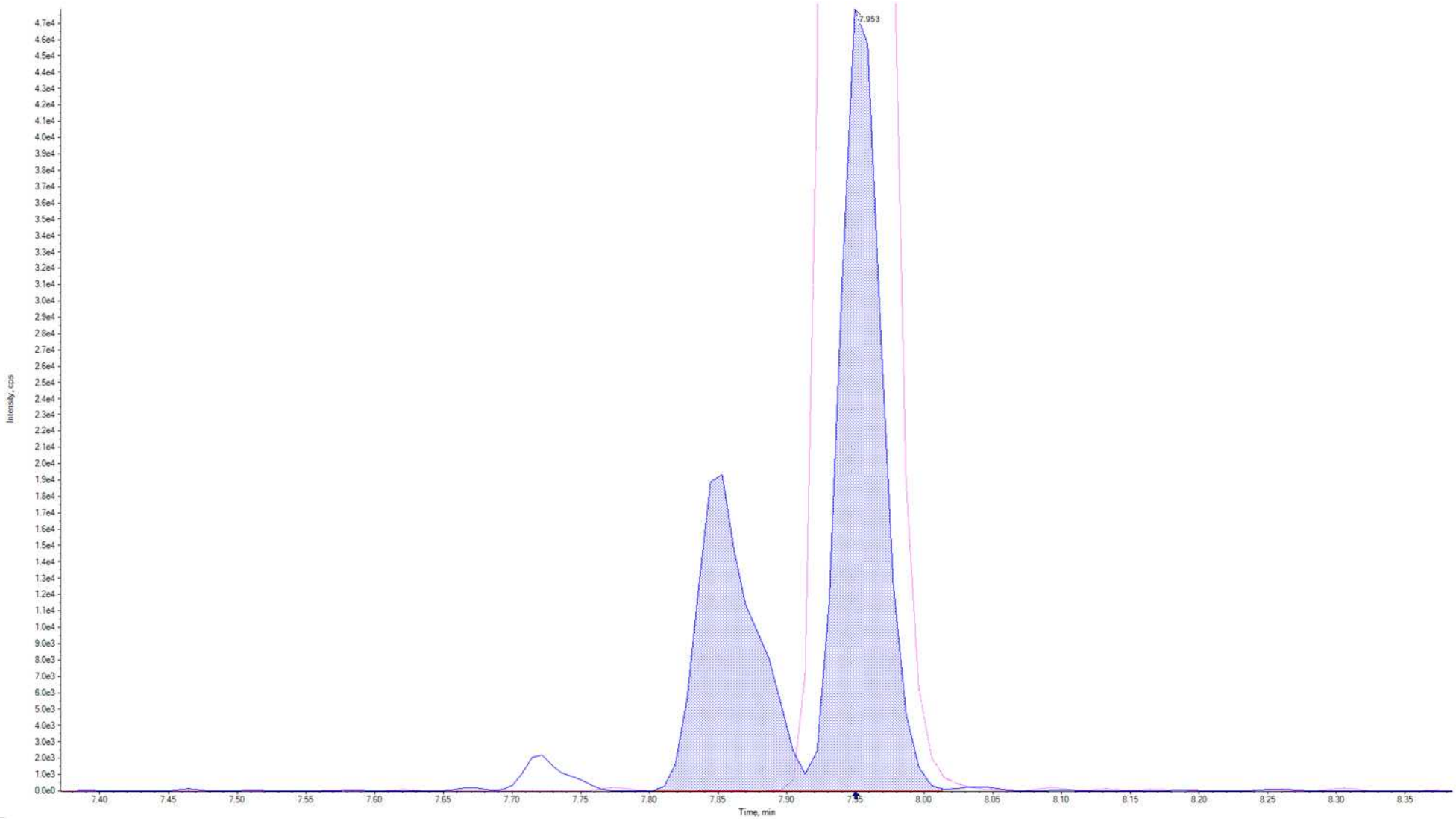
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNA
Sample: IA1633STD-1.25 S/N:1131.5 Points Across peak:34



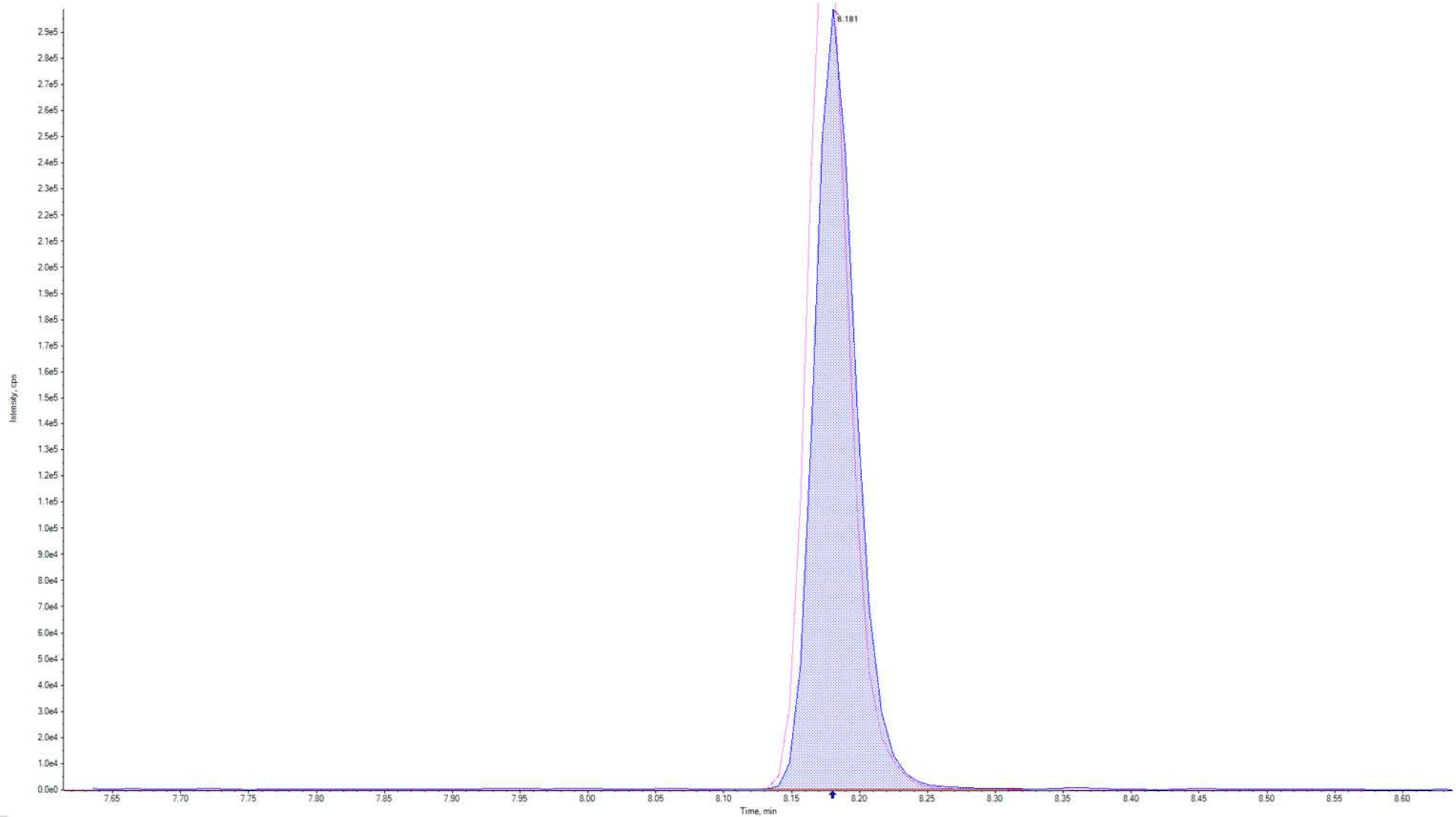
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNA_2
Sample: IA1633STD-1.25 S/N:754.6 Points Across peak:26



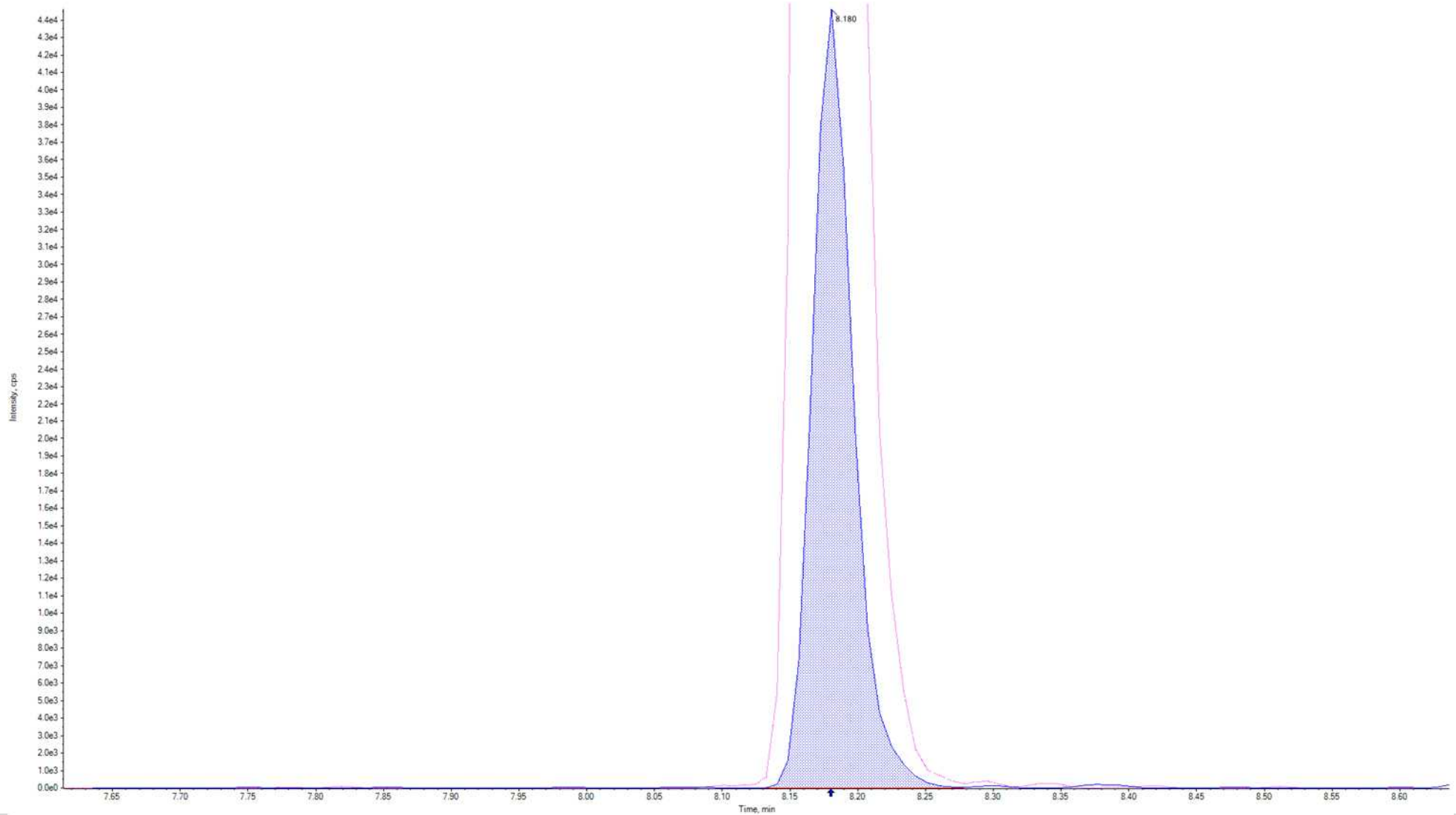
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDA
Sample: IA1633STD-1.25 S/N:2620.3 Points Across peak:27



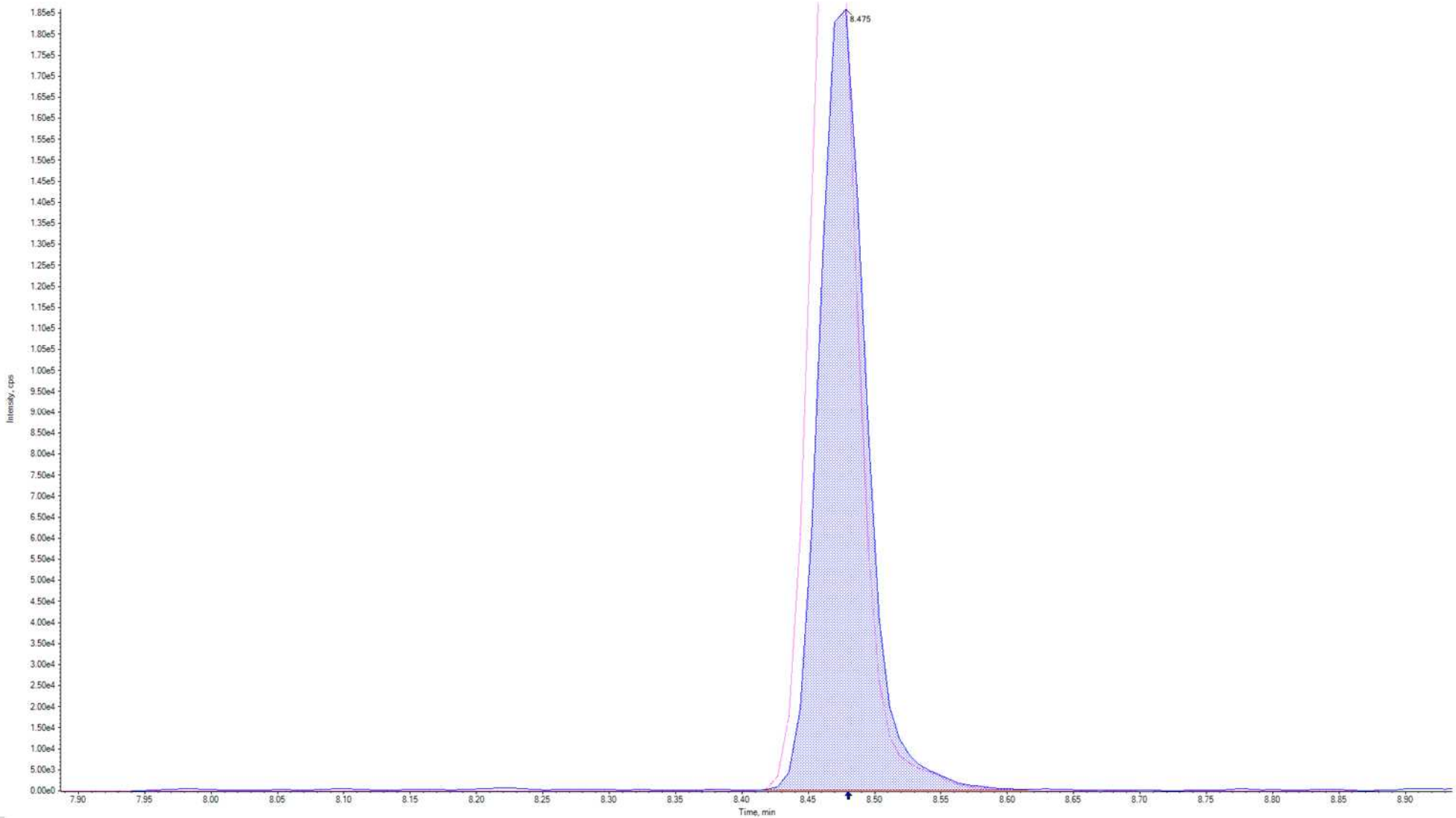
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Generated: 8/14/2024 6:27:11 AM

PFDA_2
Sample: IA1633STD-1.25 S/N:3150.5 Points Across peak:20



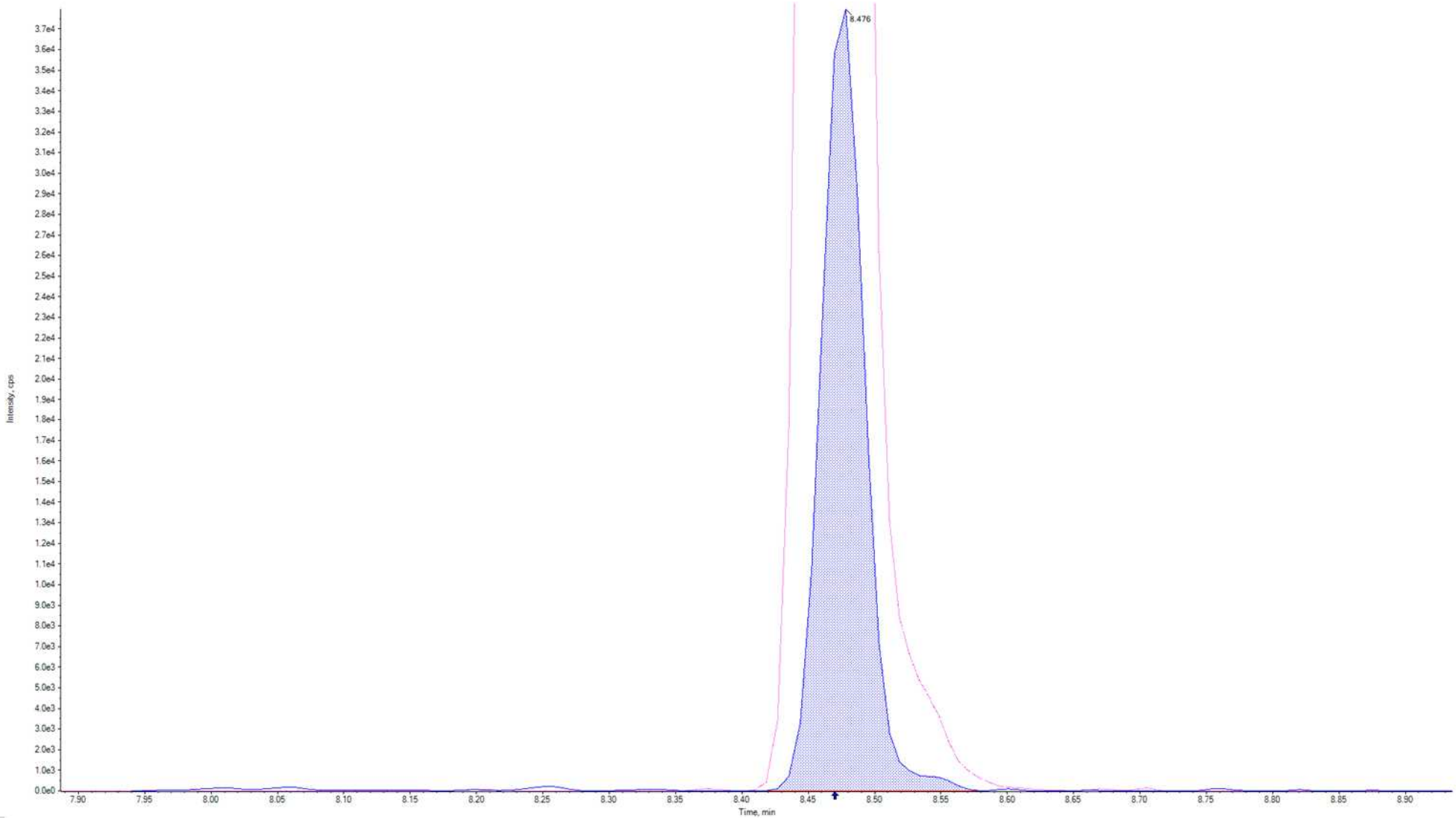
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA
Sample: IA1633STD-1.25 S/N:2055.4 Points Across peak:27



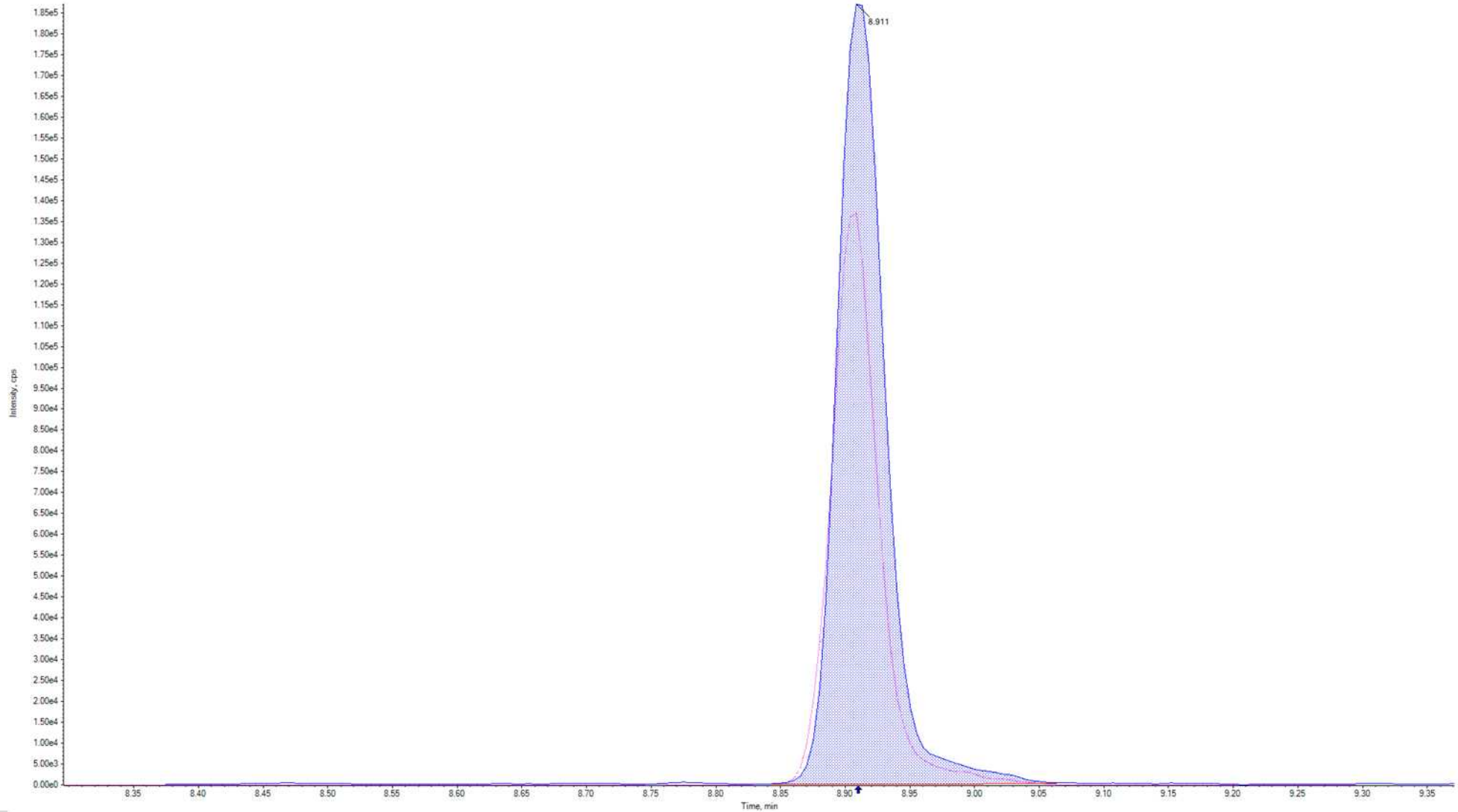
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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Generated: 8/14/2024 6:27:11 AM

PFUnA_2
Sample: IA1633STD-1.25 S/N:1230.1 Points Across peak:22



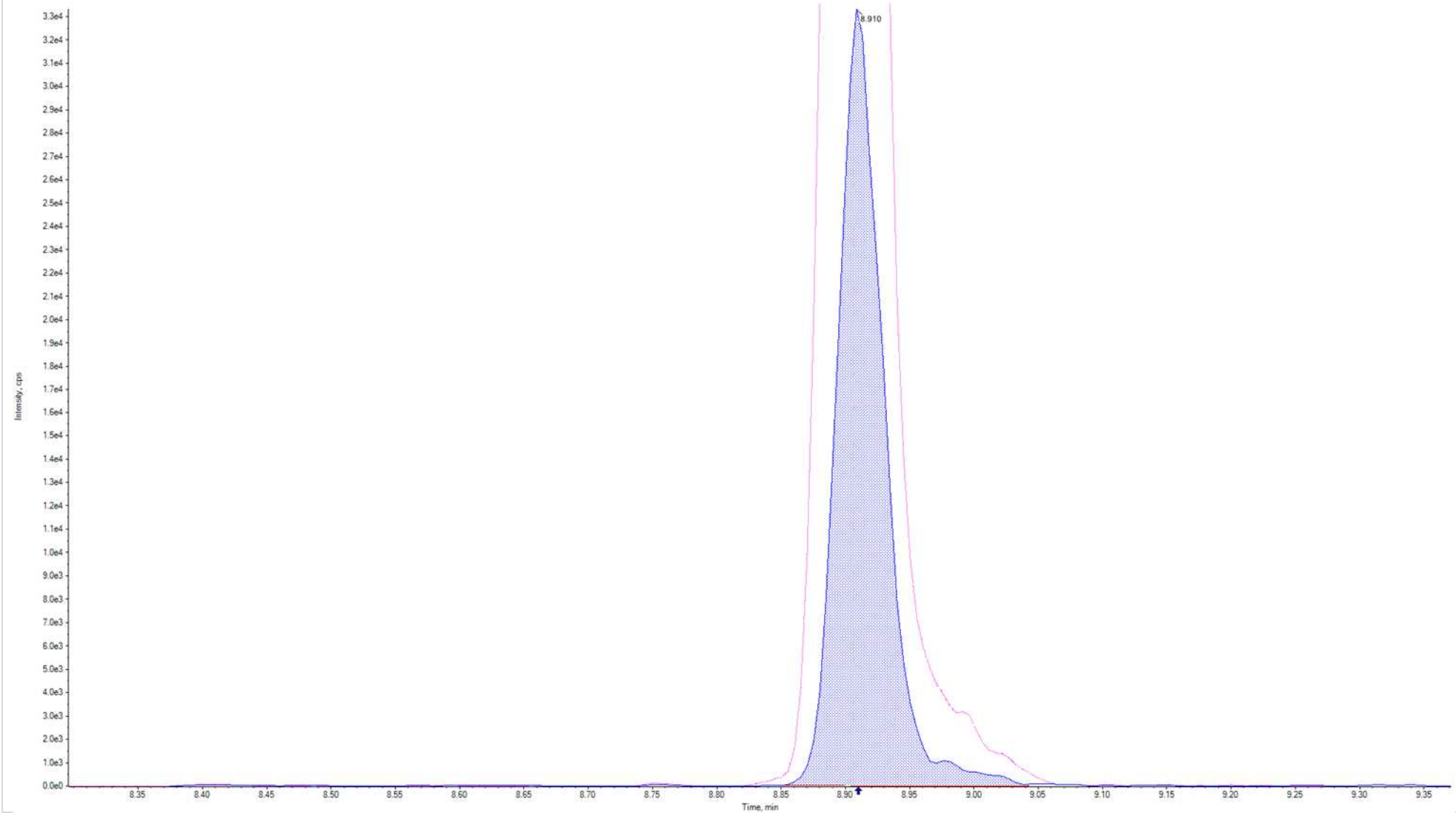
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA
Sample: IA1633STD-1.25 S/N:2740.2 Points Across peak:47



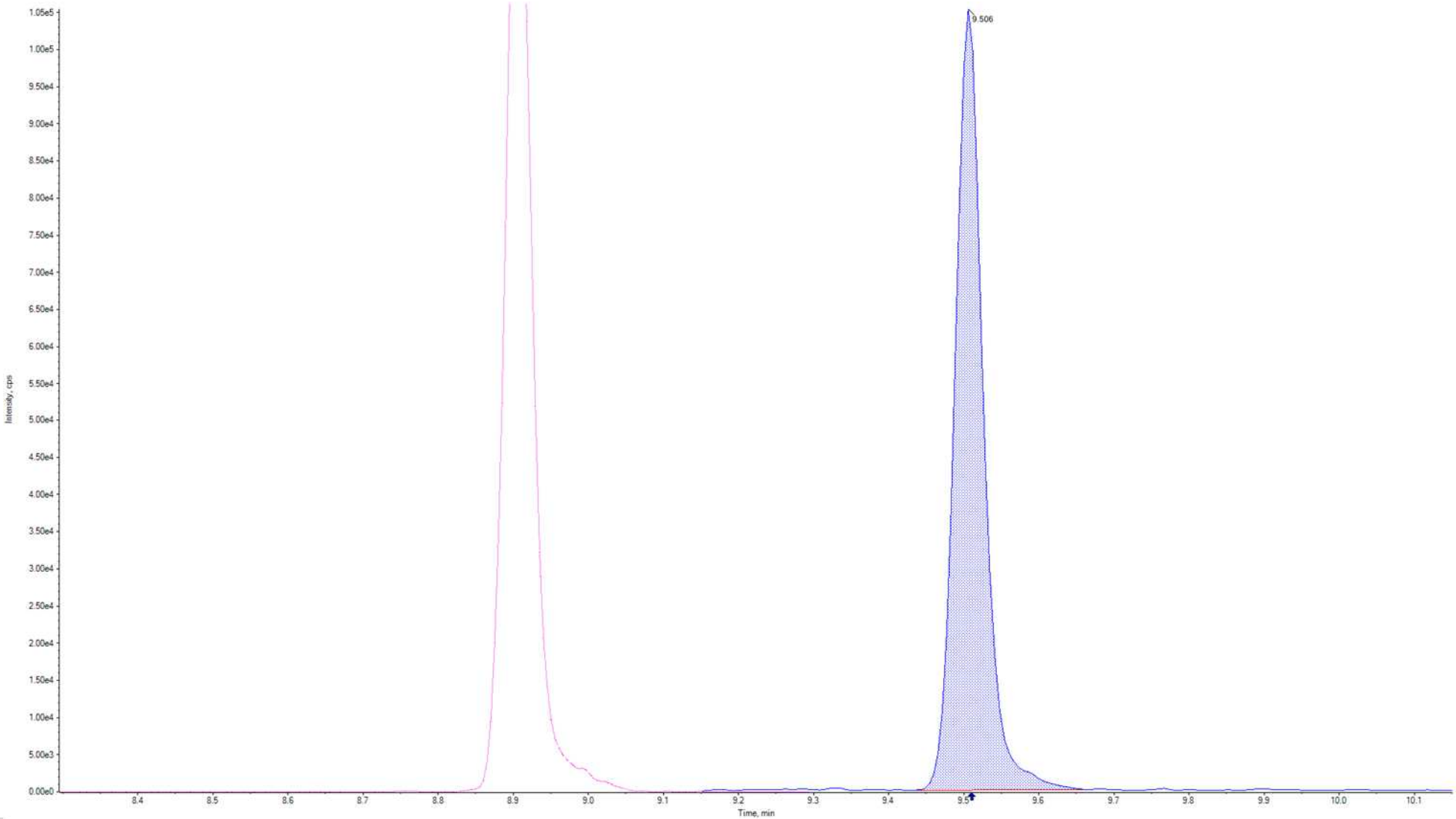
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA_2
Sample: IA1633STD-1.25 S/N:1128310.2 Points Across peak:39



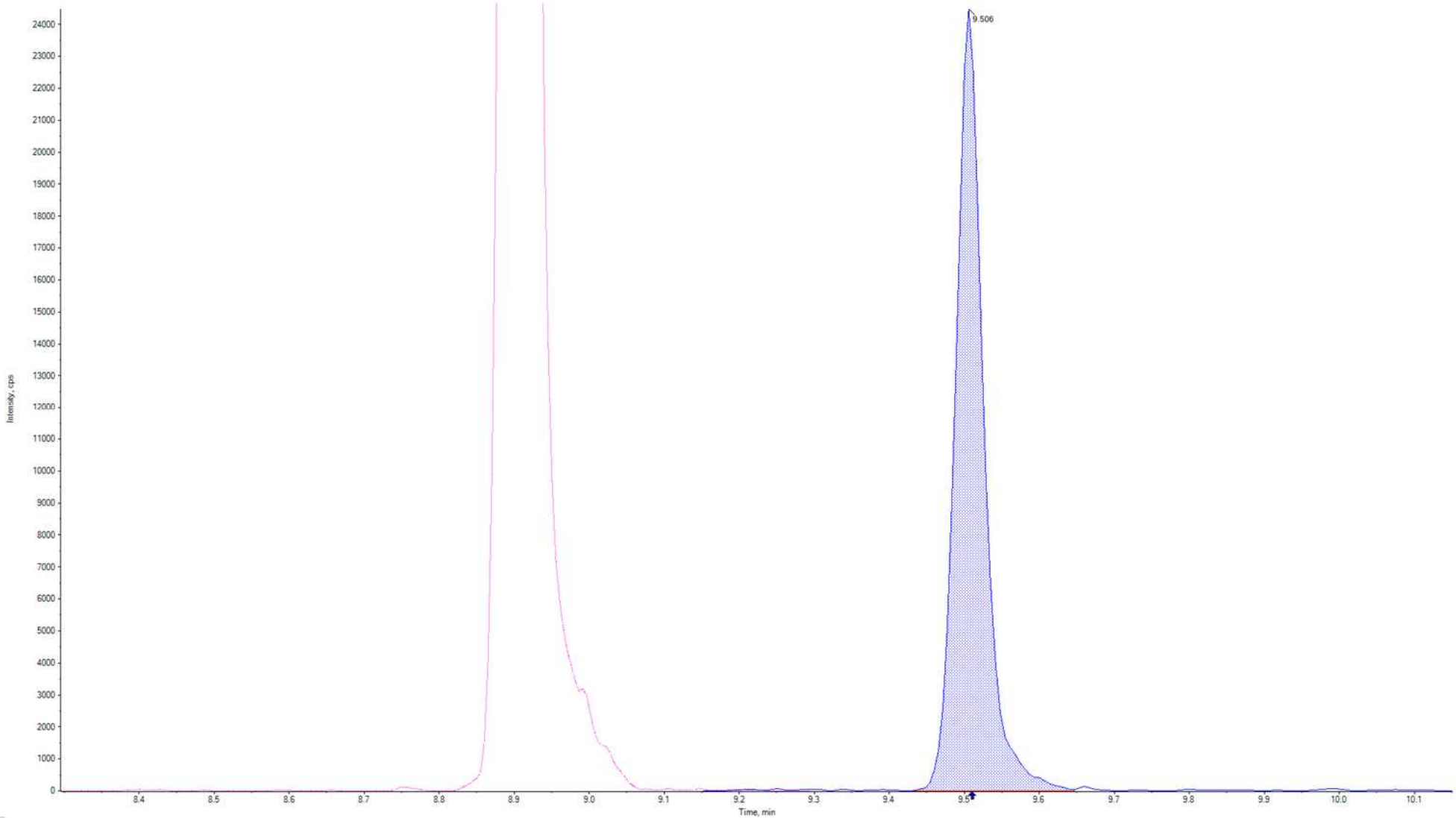
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFTrDA
Sample: IA1633STD-1.25 S/N:1362.8 Points Across peak:39



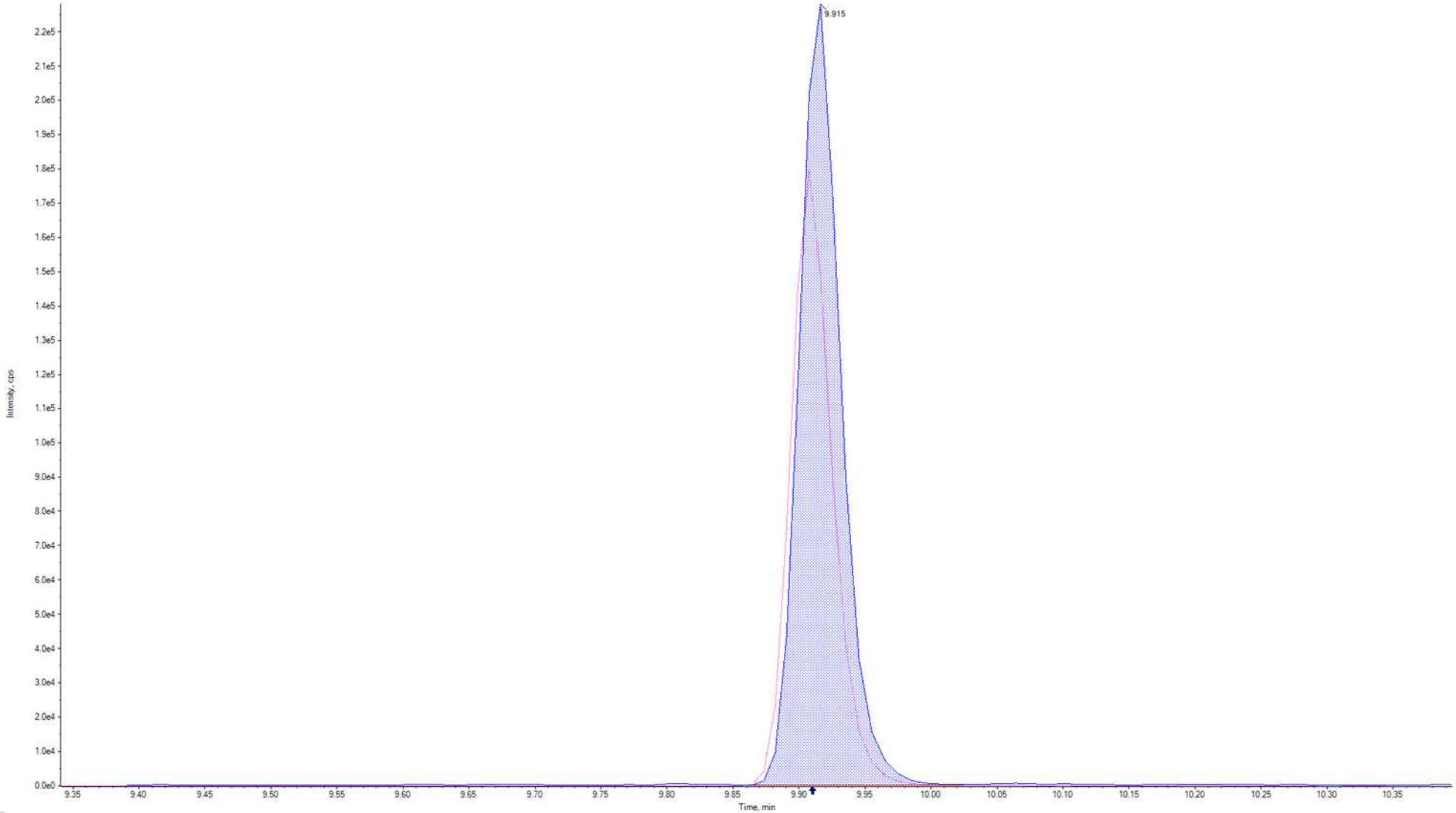
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFTrDA_2
Sample: IA1633STD-1.25 S/N:821986.9 Points Across peak:37



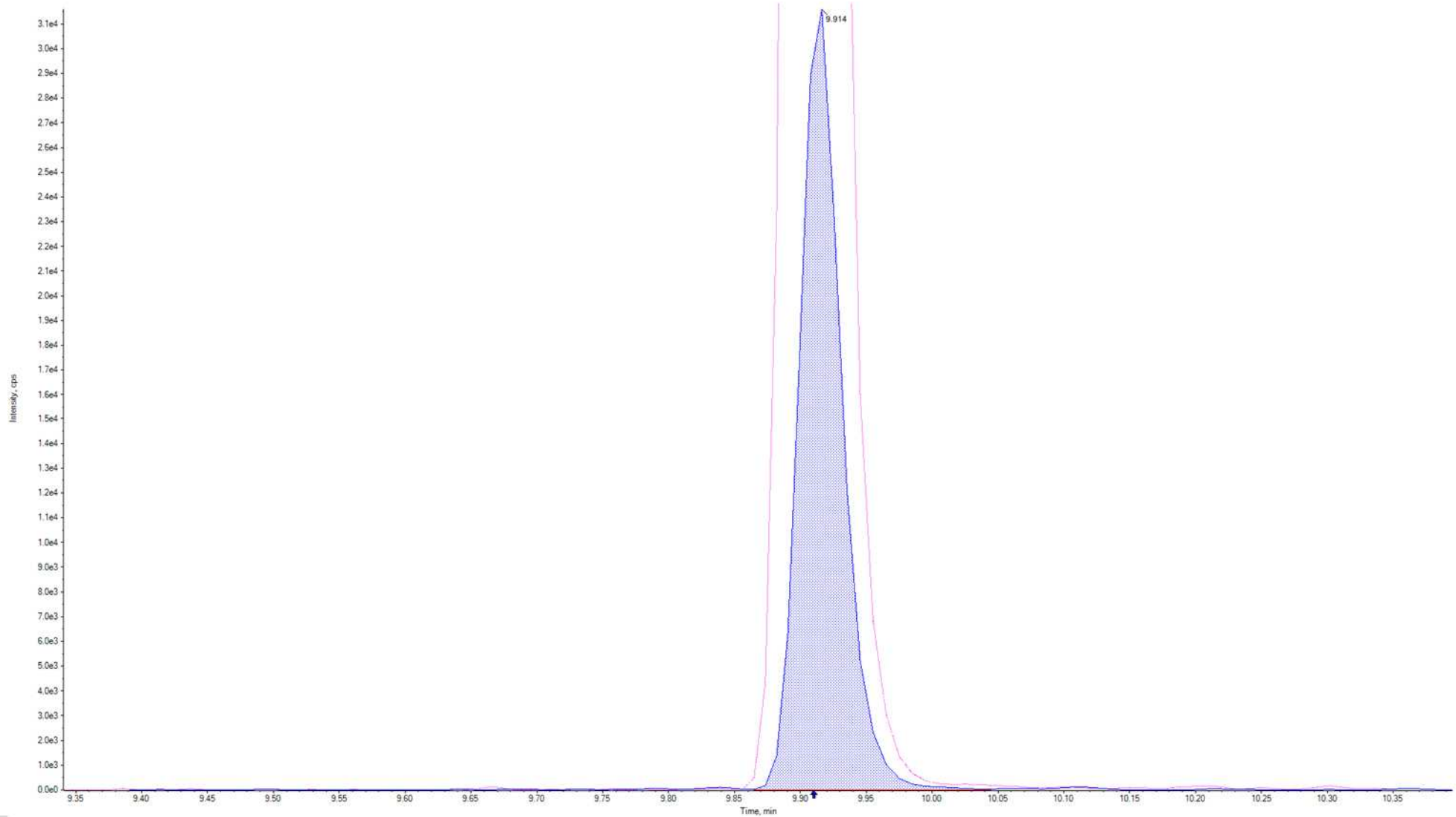
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Generated: 8/14/2024 6:27:11 AM

PFTeDA
Sample: IA1633STD-1.25 S/N:1719.3 Points Across peak:19



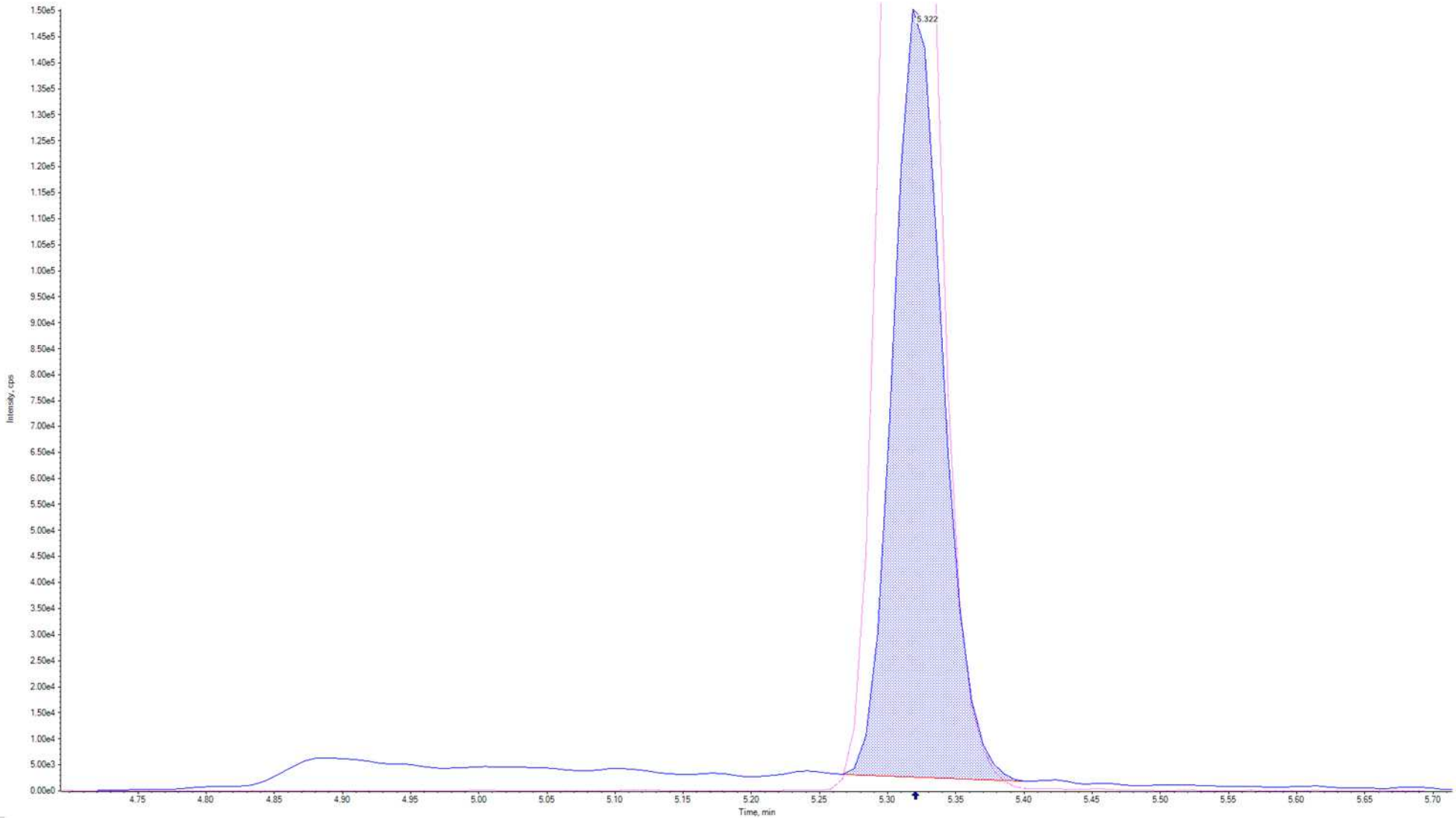
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFTeDA_2
Sample: IA1633STD-1.25 S/N:1463.9 Points Across peak:20



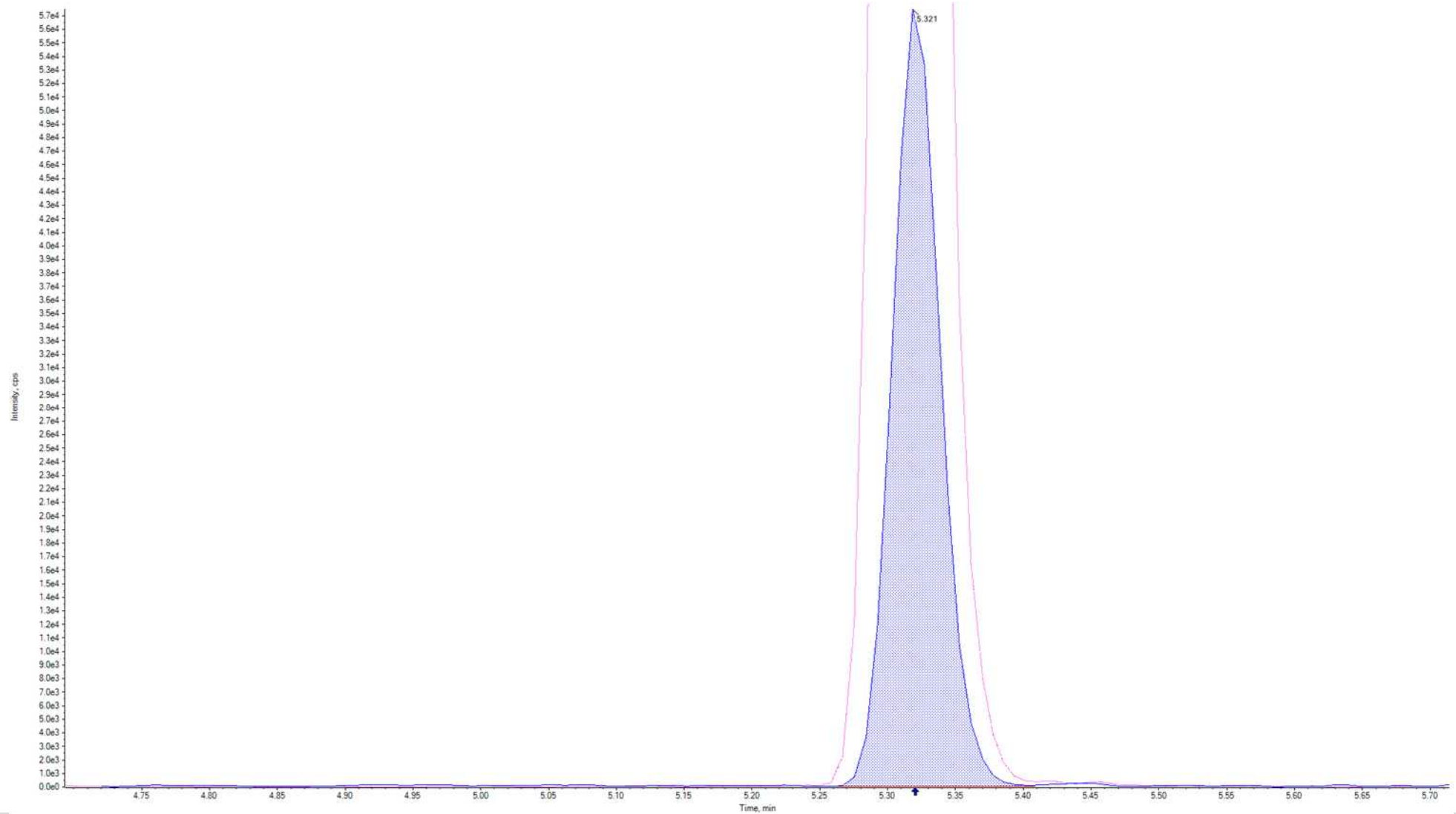
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFBS
Sample: IA1633STD-1.25 S/N:82.0 Points Across peak:17



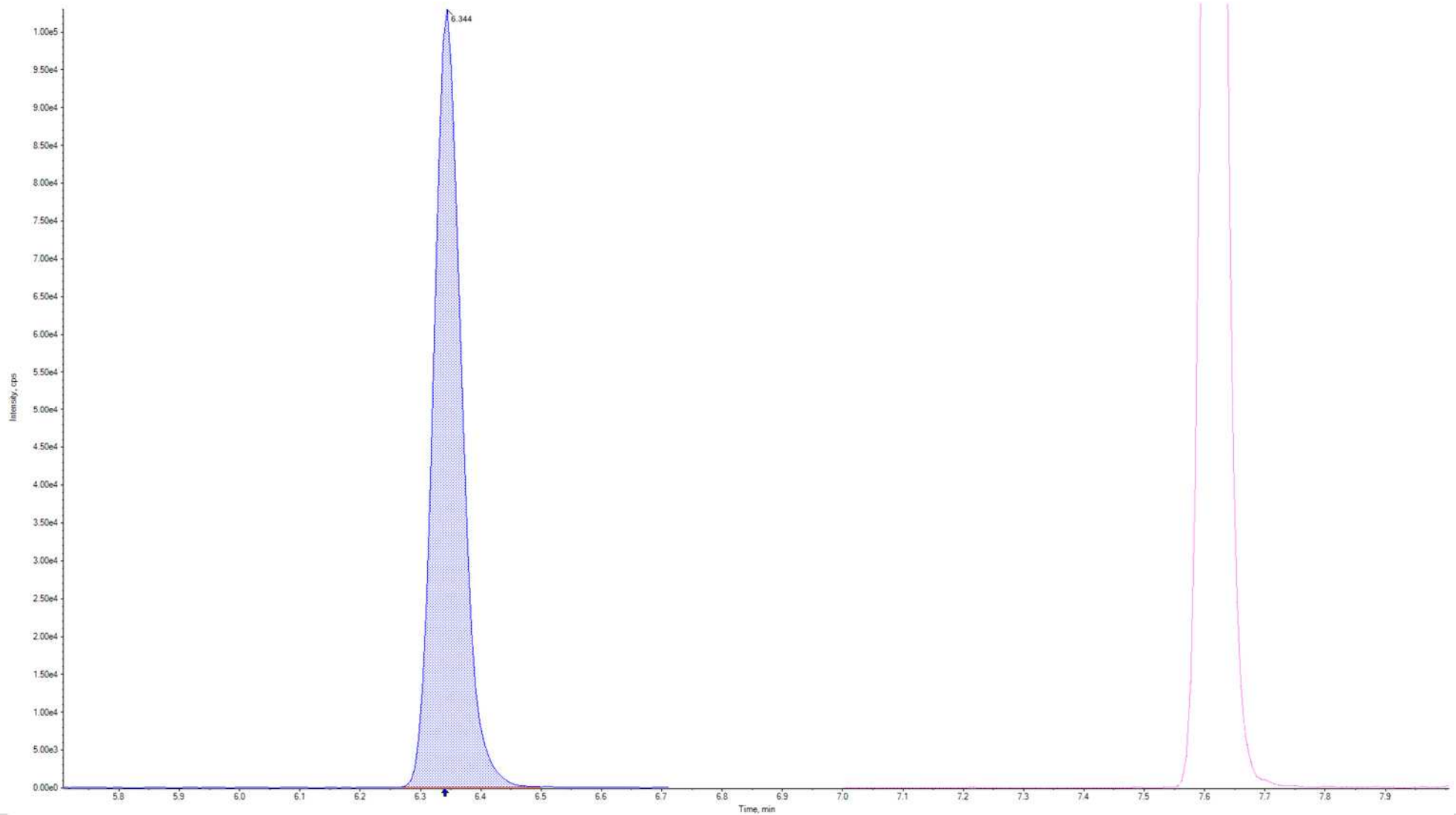
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFBS_2
Sample: IA1633STD-1.25 S/N:1708.8 Points Across peak:19



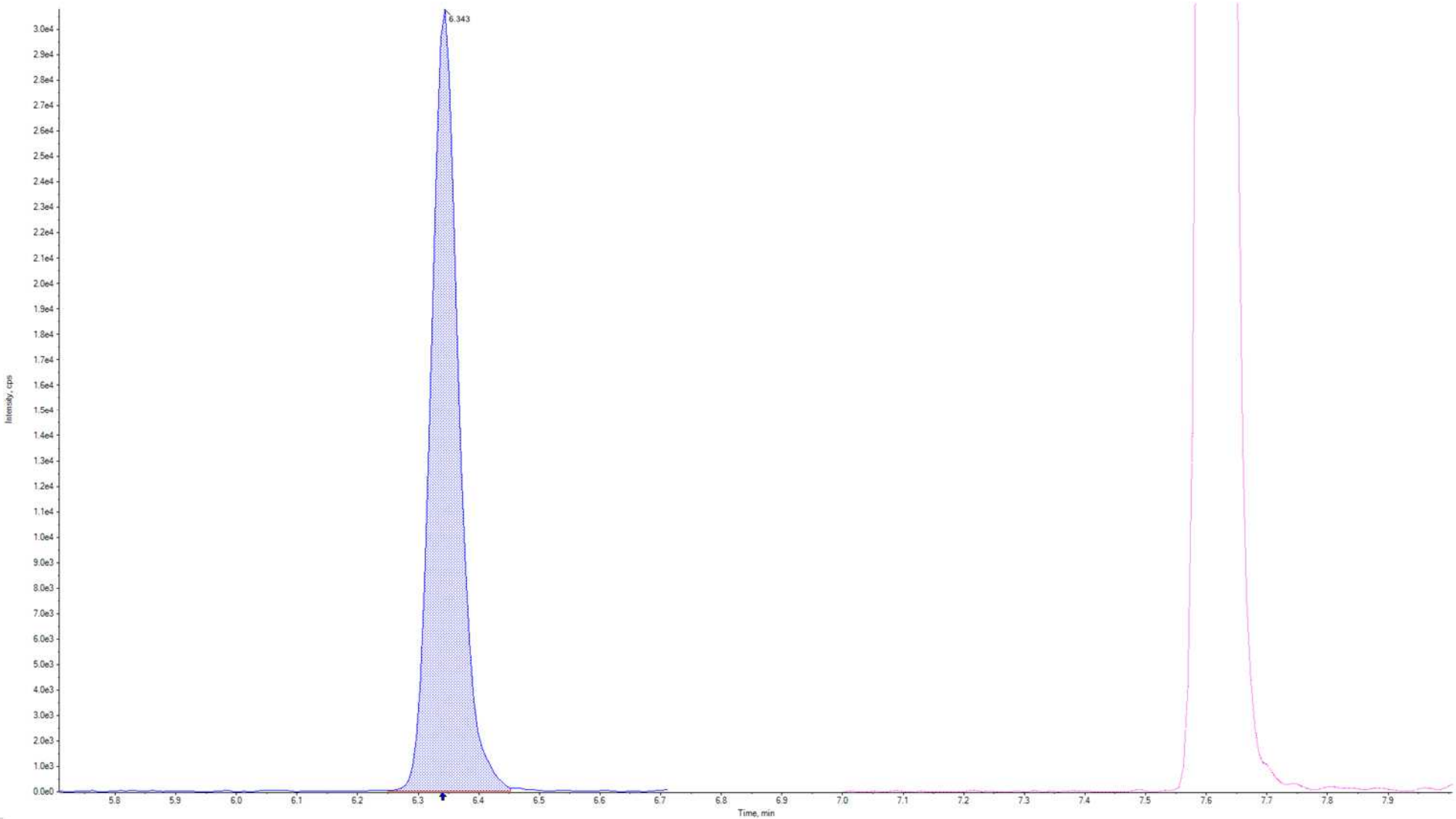
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS
Sample: IA1633STD-1.25 S/N:4866.4 Points Across peak:38



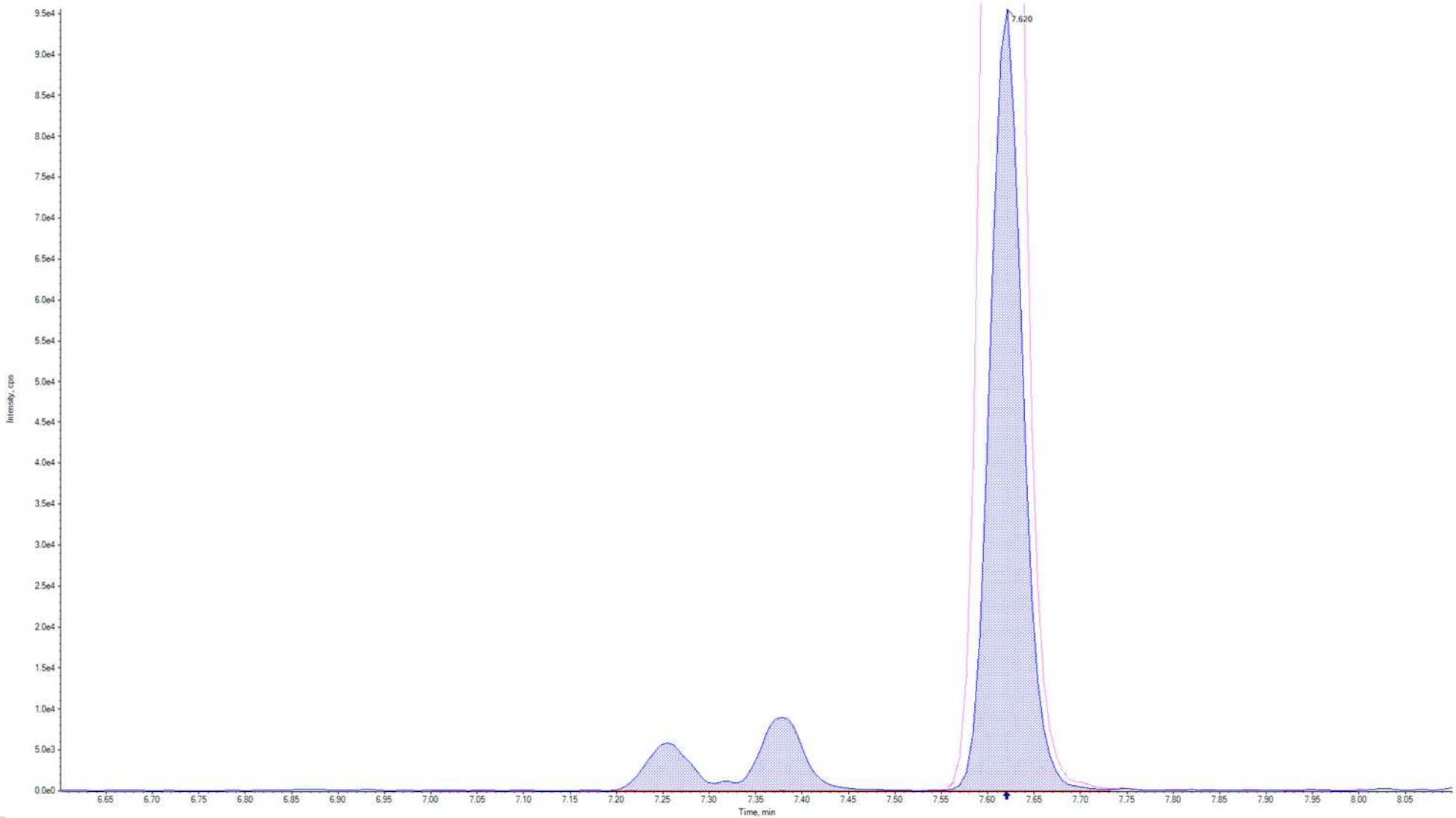
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFPeS_2
Sample: IA1633STD-1.25 S/N:7422.6 Points Across peak:32



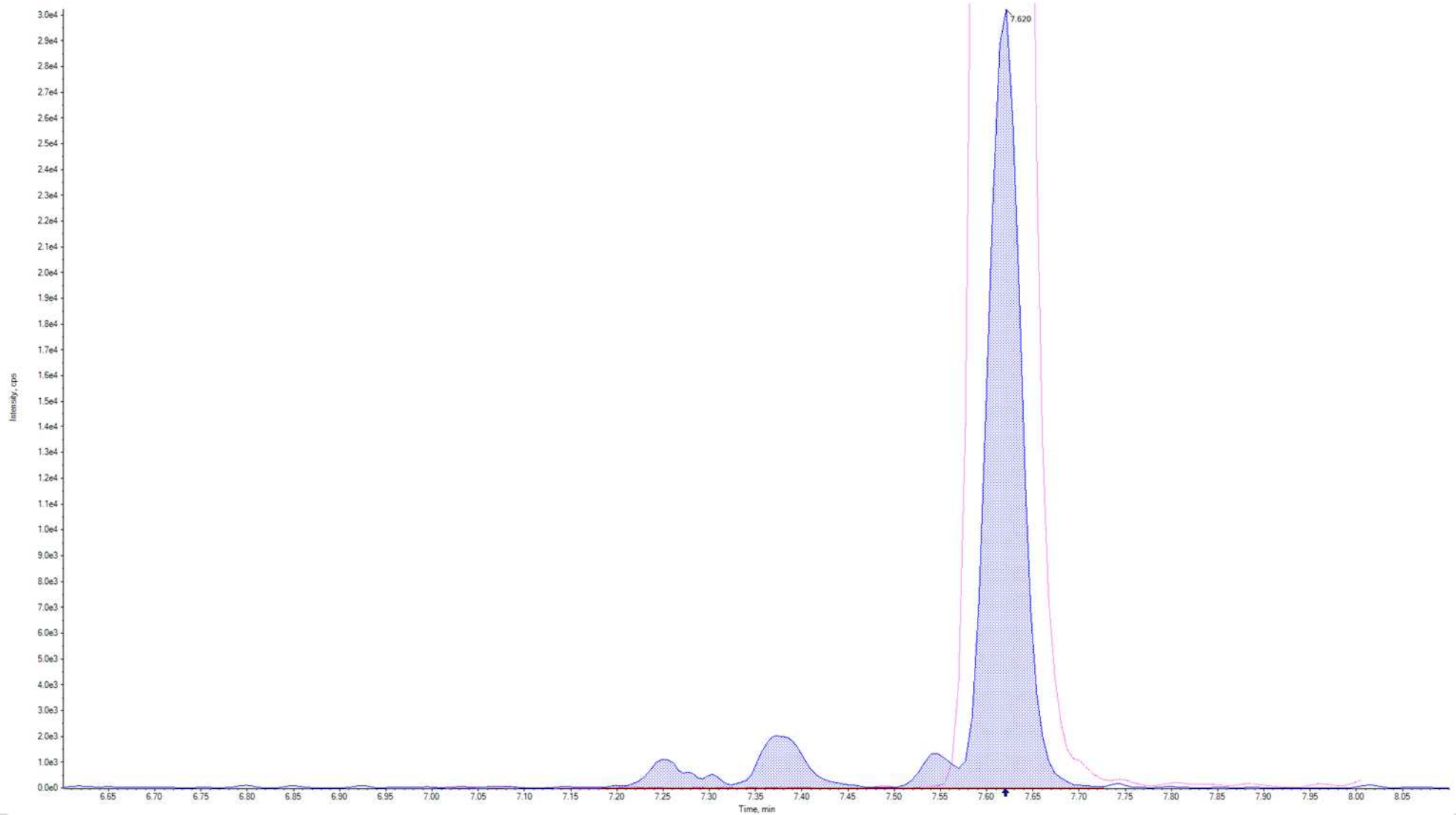
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS
Sample: IA1633STD-1.25 S/N:27805.6 Points Across peak:88



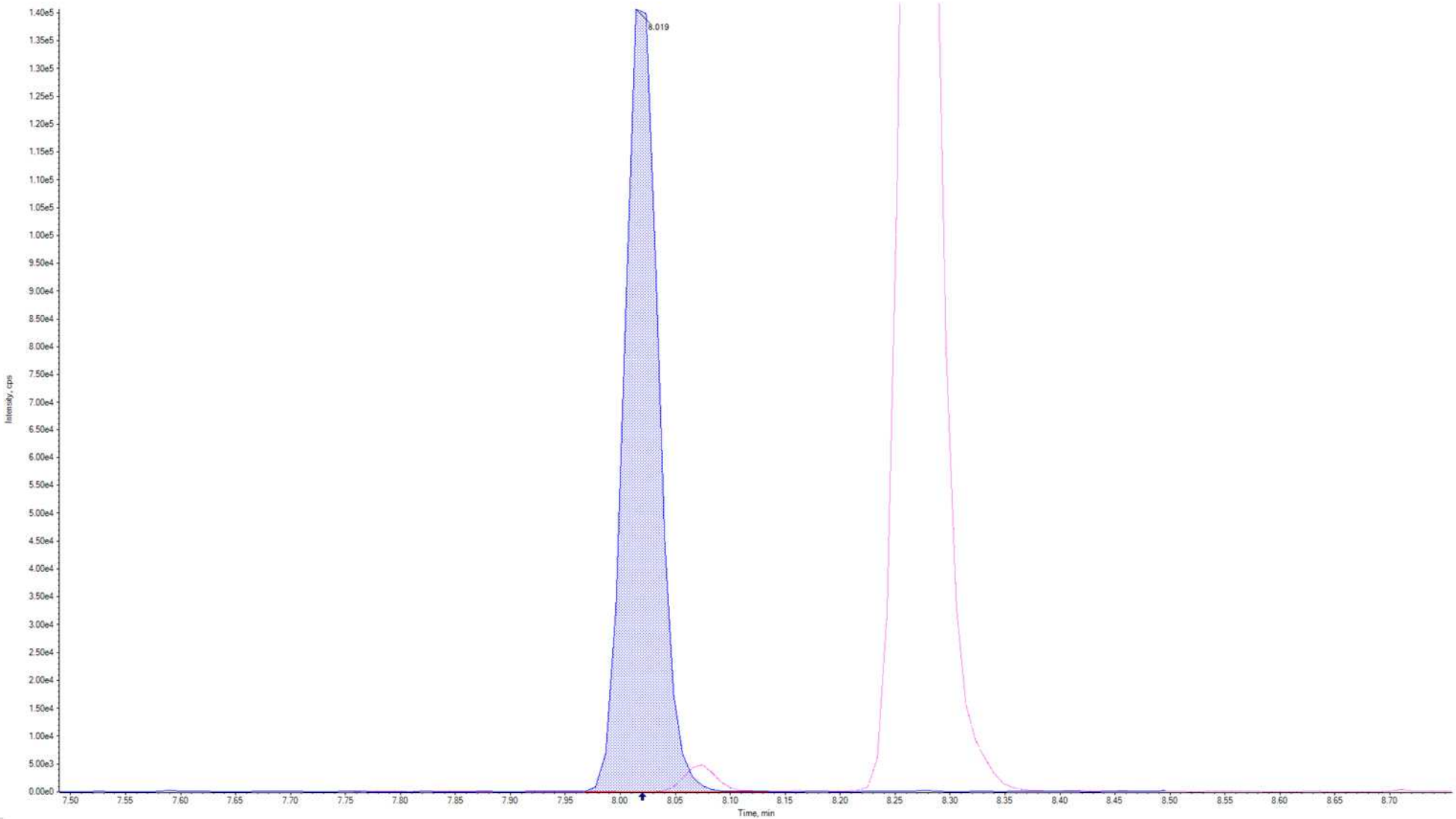
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS_2
Sample: IA1633STD-1.25 S/N:5313019.9 Points Across peak:88



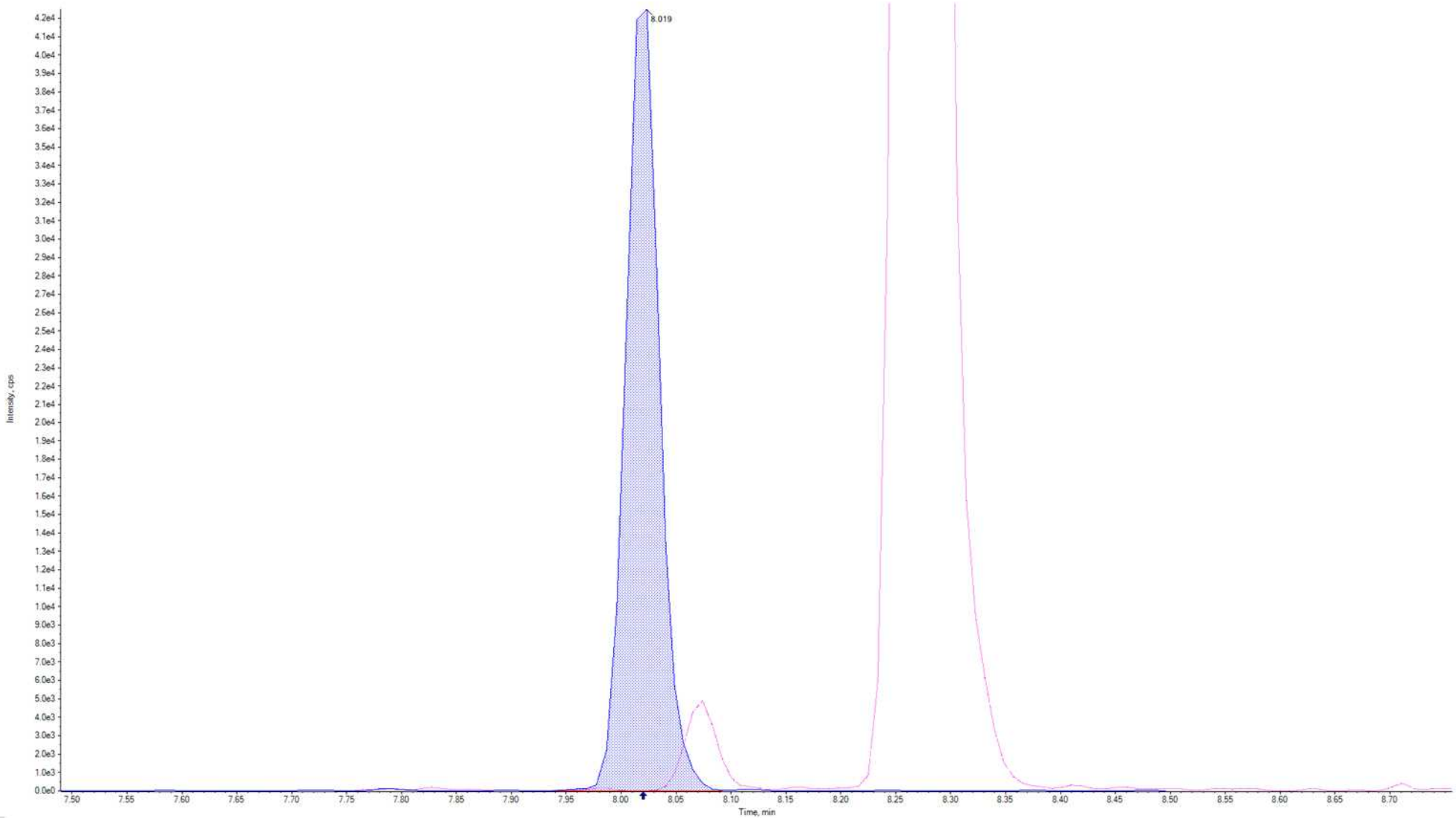
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS
Sample: IA1633STD-1.25 S/N:60036.3 Points Across peak:22



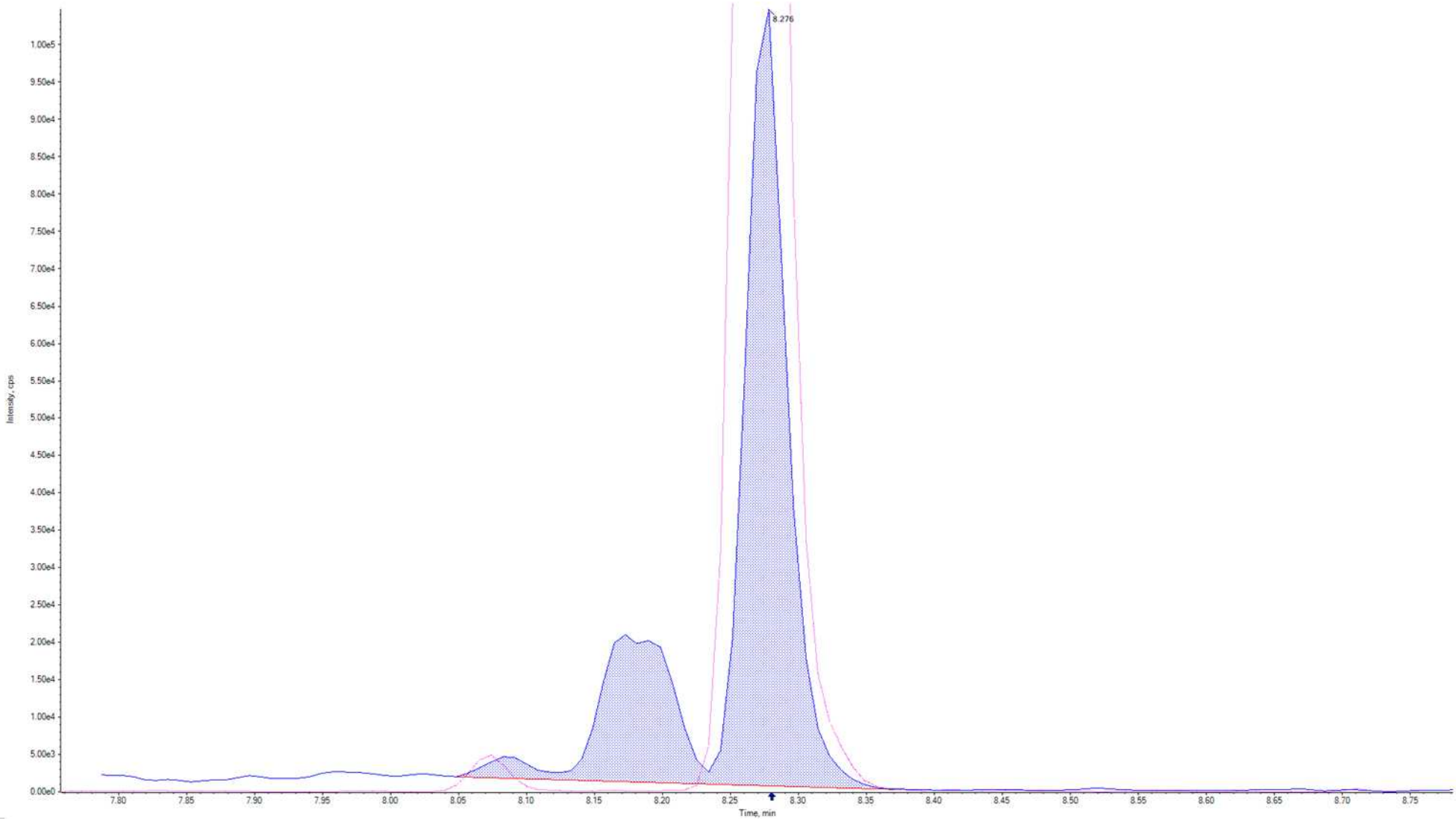
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS_2
Sample: IA1633STD-1.25 S/N:2053.8 Points Across peak:20



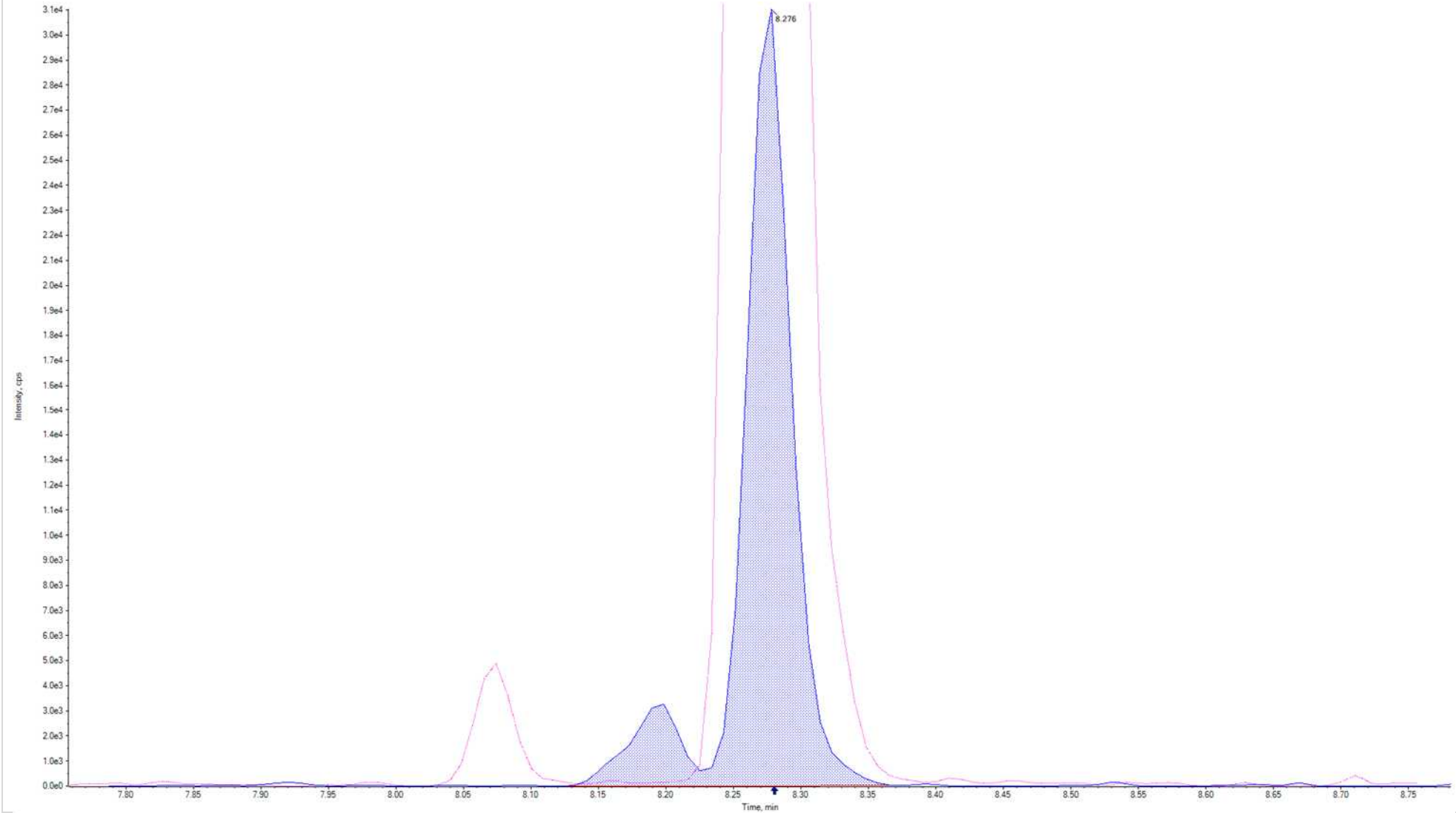
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOS
Sample: IA1633STD-1.25 S/N:1470.1 Points Across peak:40



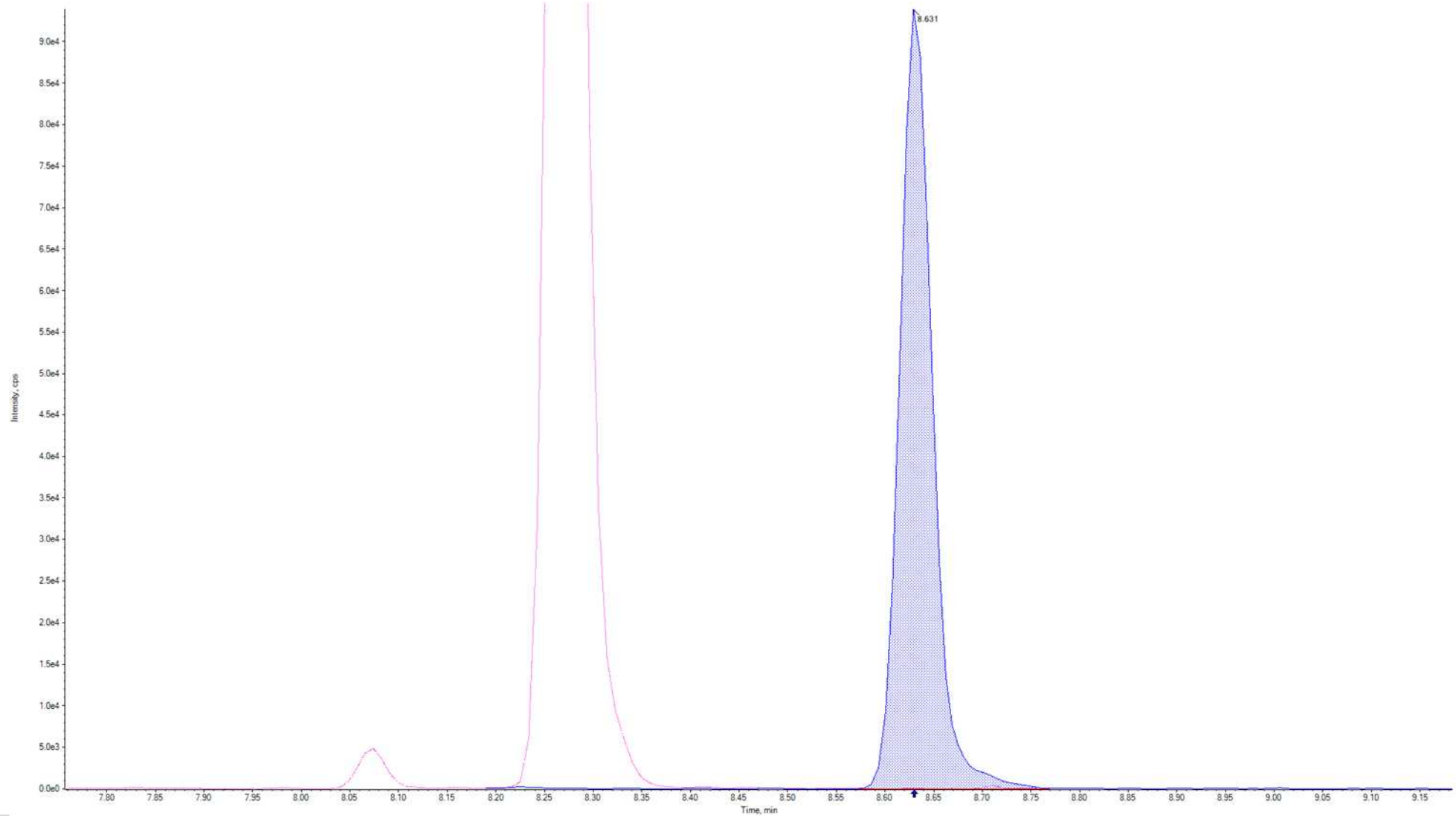
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOS_2
Sample: IA1633STD-1.25 S/N:1046.2 Points Across peak:31



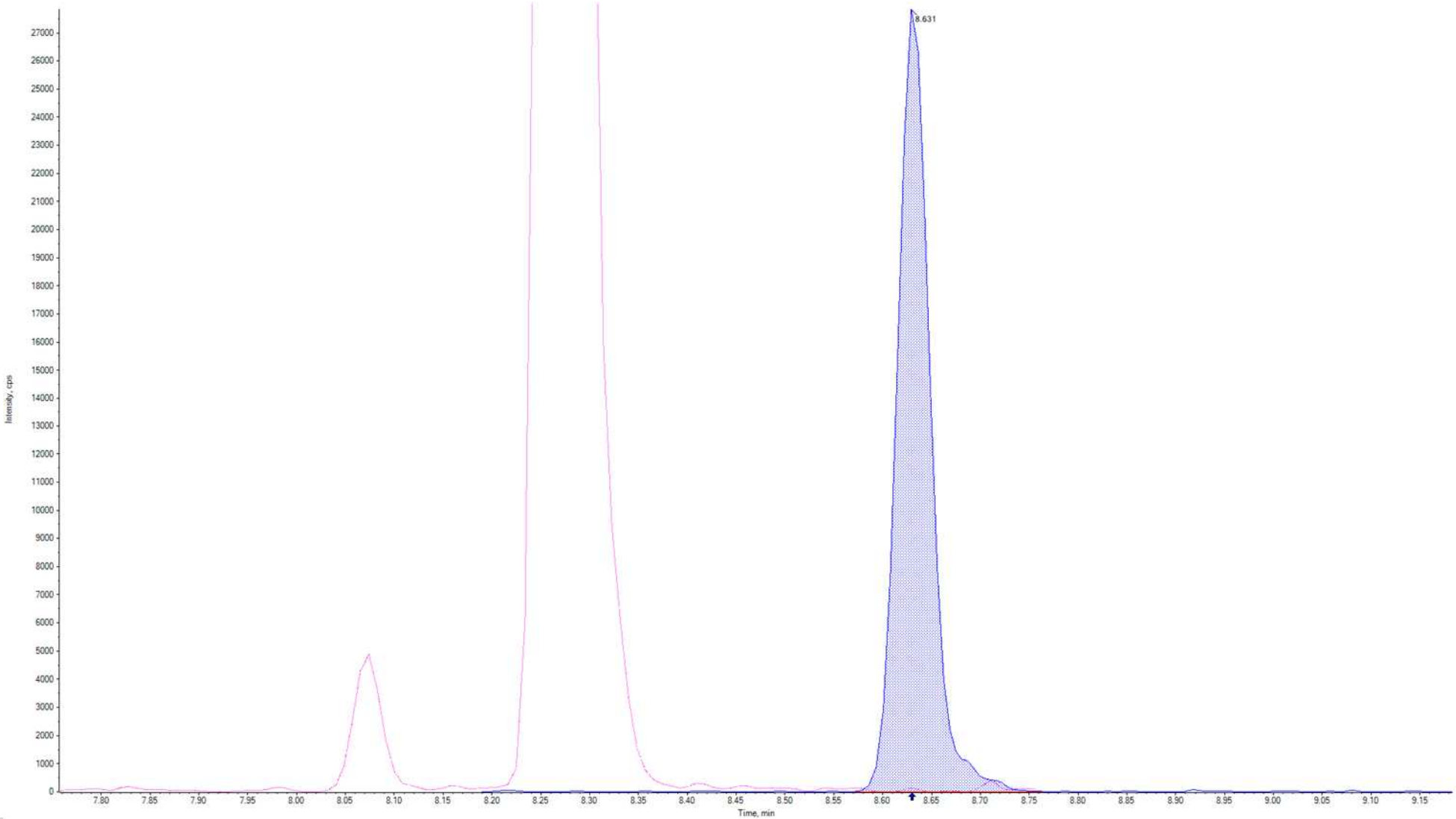
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNS
Sample: IA1633STD-1.25 S/N:10074.3 Points Across peak:32



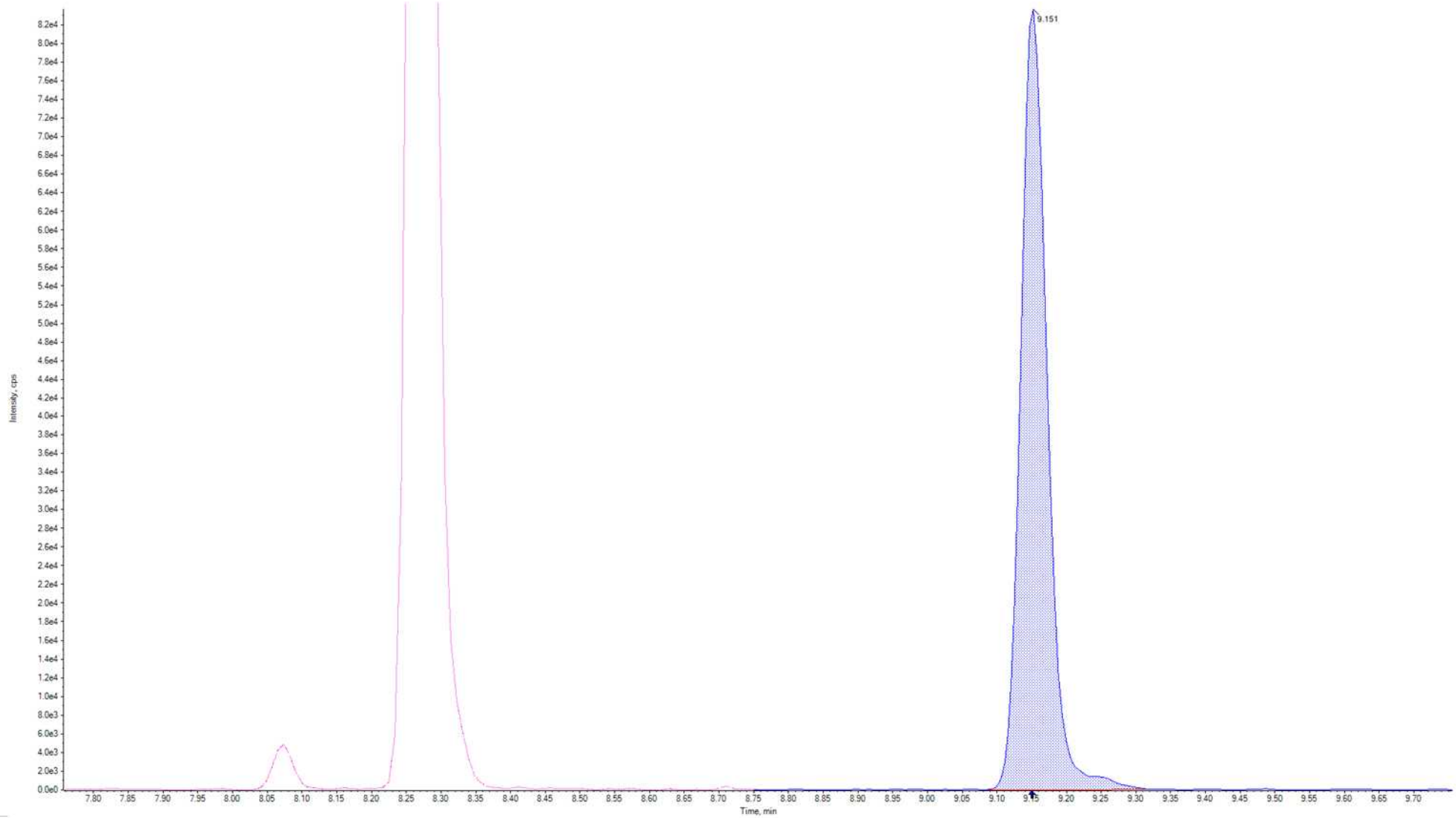
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNS_2
Sample: IA1633STD-1.25 S/N:16777965.5 Points Across peak:34



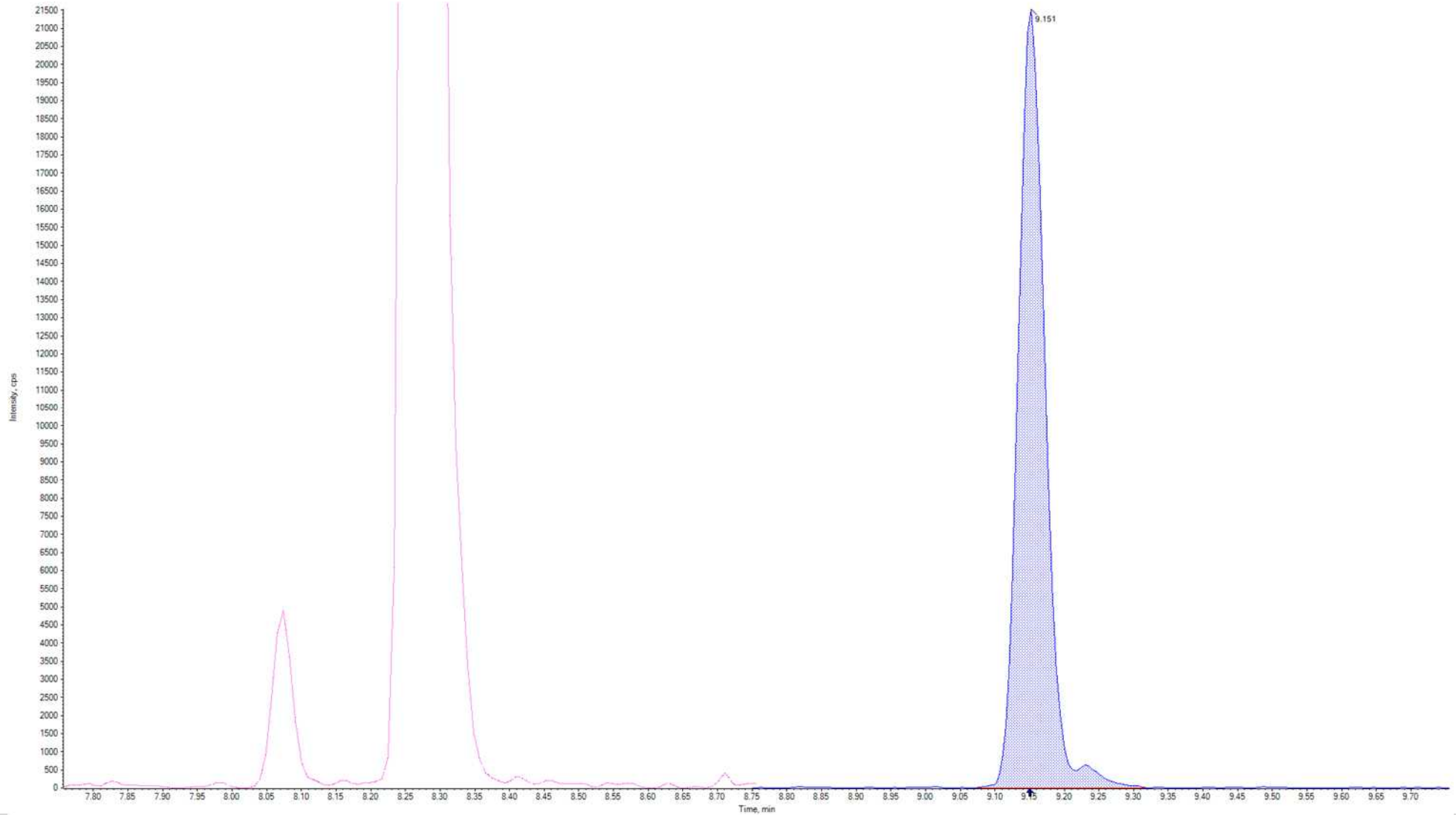
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDS
Sample: IA1633STD-1.25 S/N:14604.9 Points Across peak:46



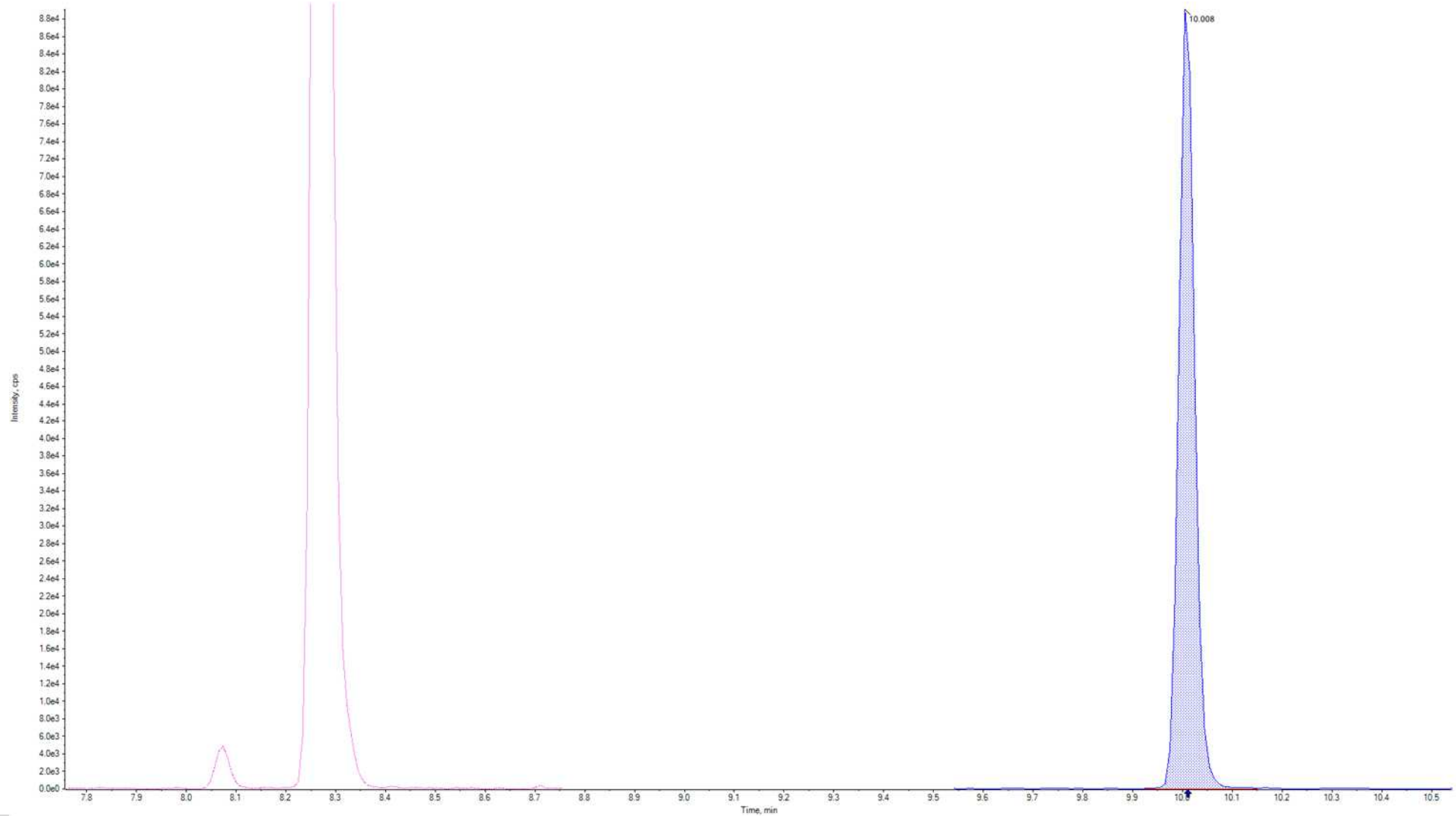
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDS_2
Sample: IA1633STD-1.25 S/N:2392.5 Points Across peak:48



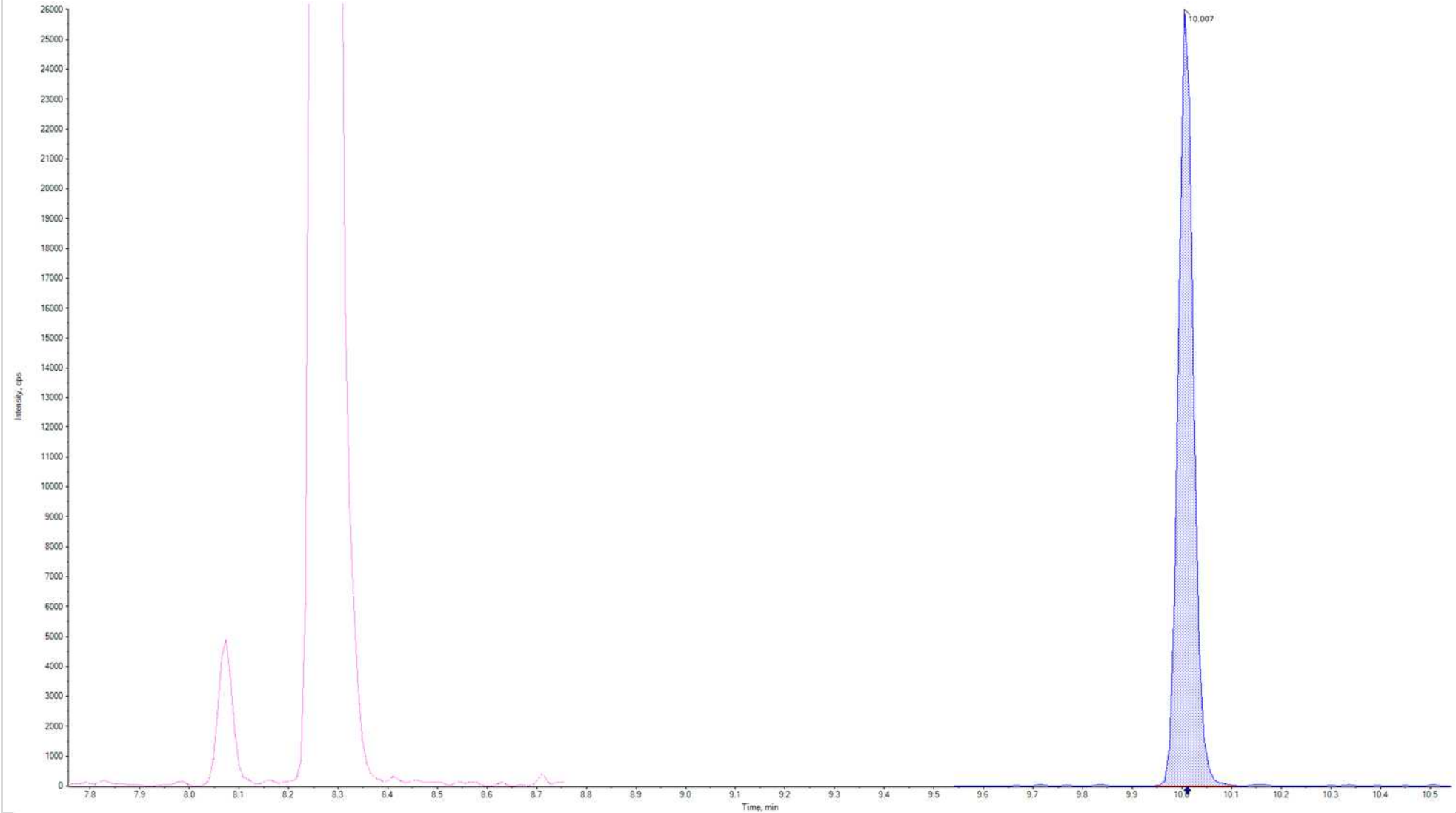
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS
Sample: IA1633STD-1.25 S/N:130154.7 Points Across peak:28



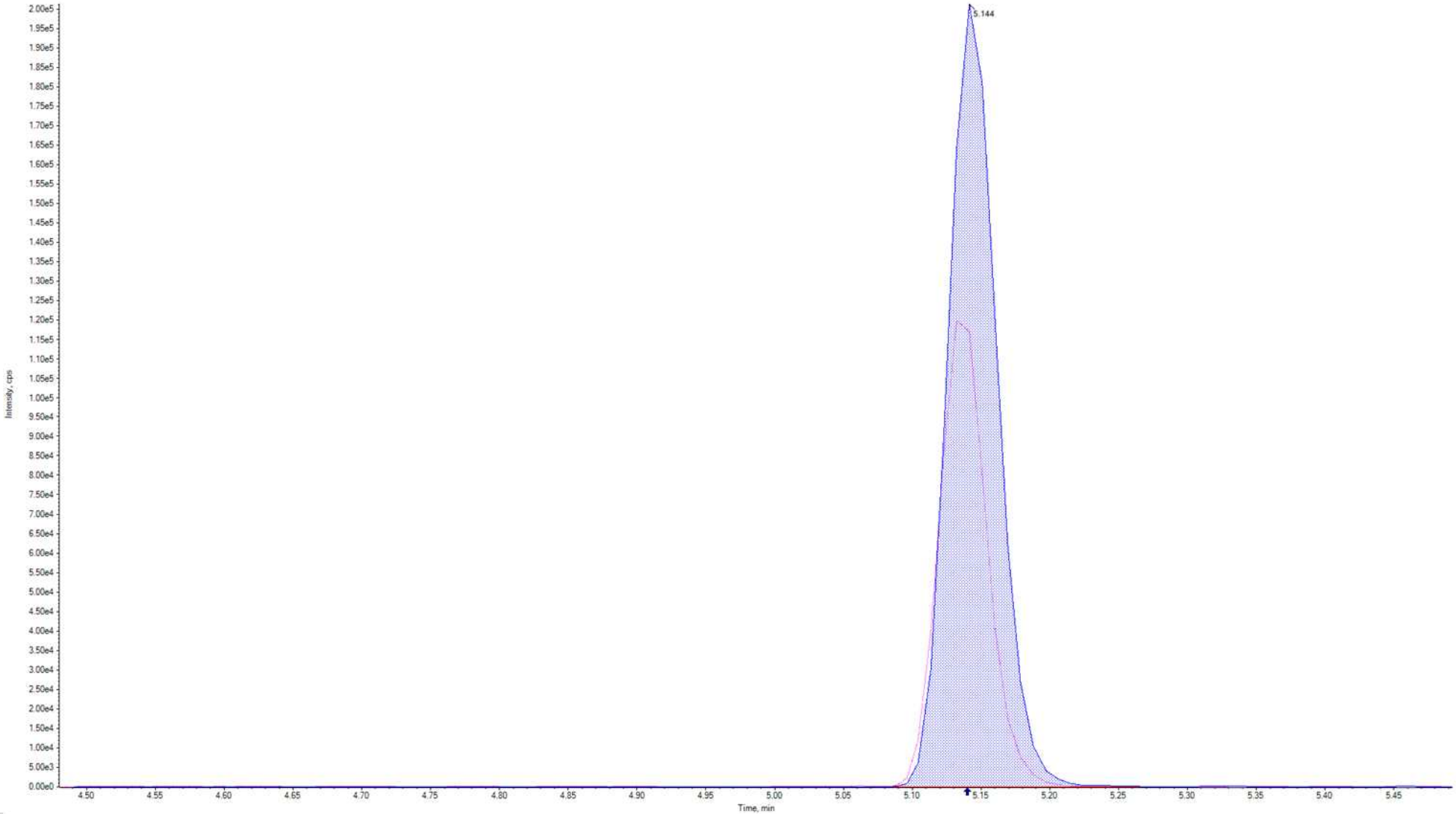
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS_2
Sample: IA1633STD-1.25 S/N:2628.4 Points Across peak:23



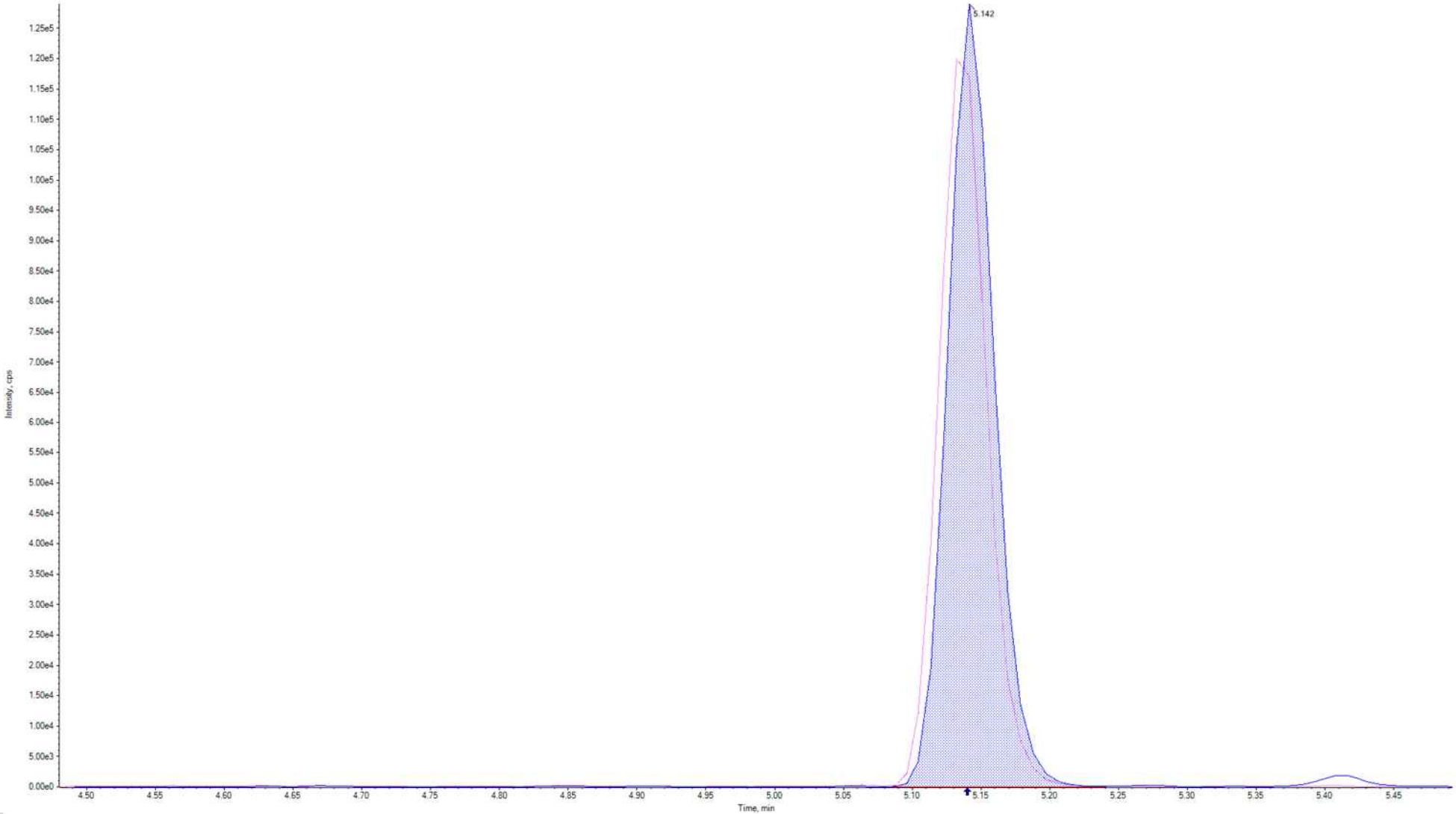
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS
Sample: IA1633STD-1.25 S/N:29167998.8 Points Across peak:28



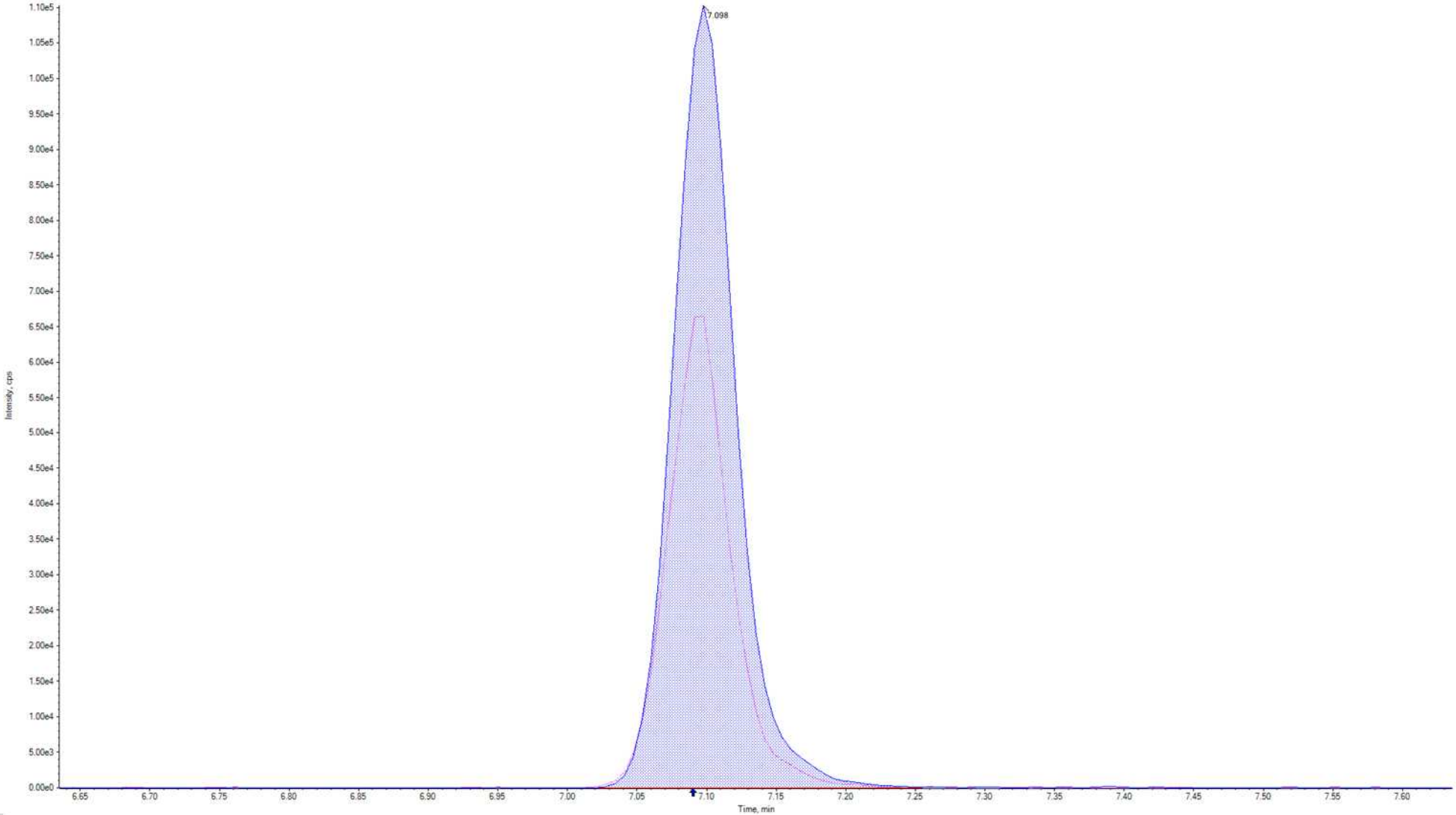
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS_2
Sample: IA1633STD-1.25 S/N:3739.7 Points Across peak:19



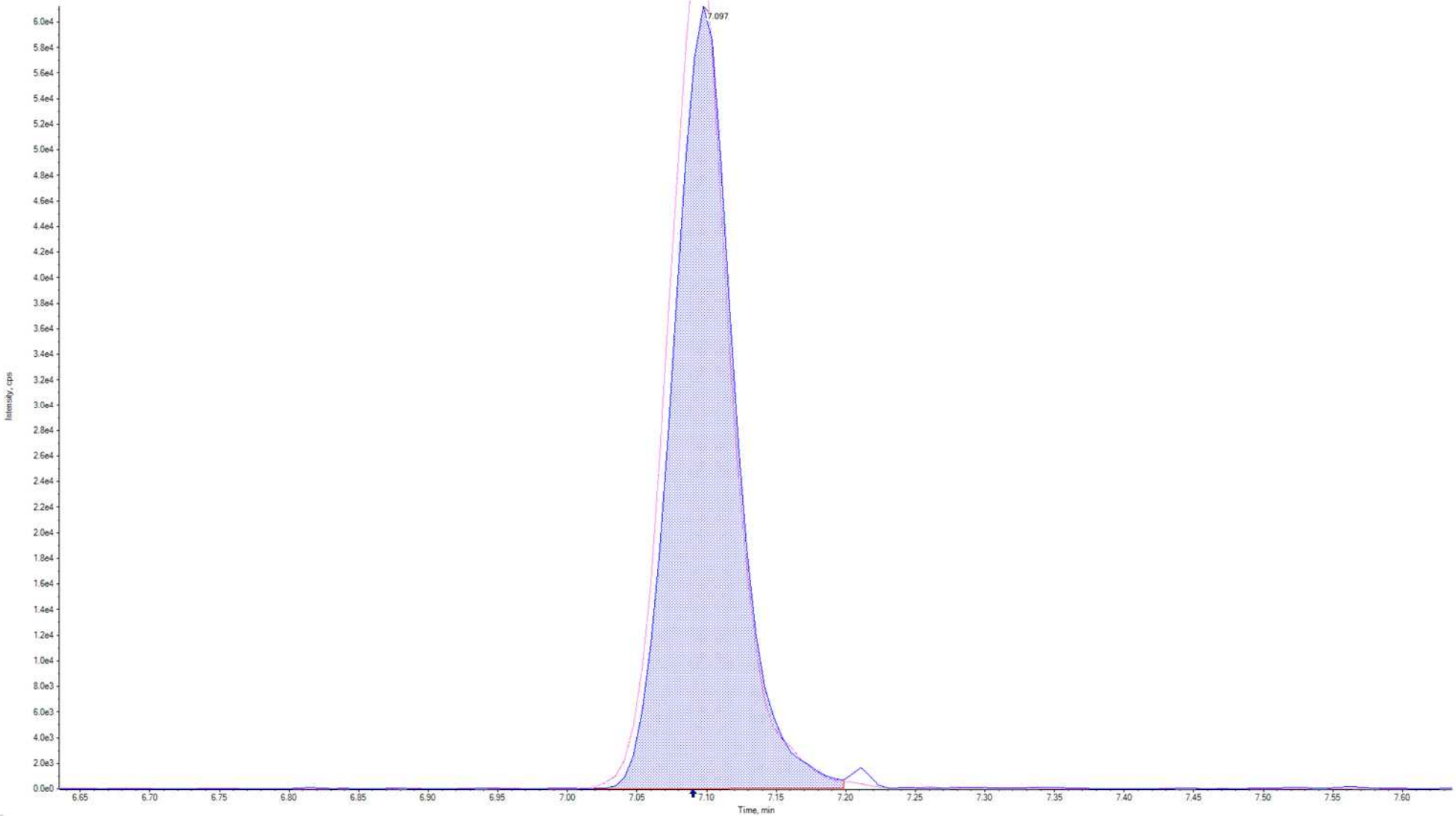
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS
Sample: IA1633STD-1.25 S/N:3308.7 Points Across peak:40



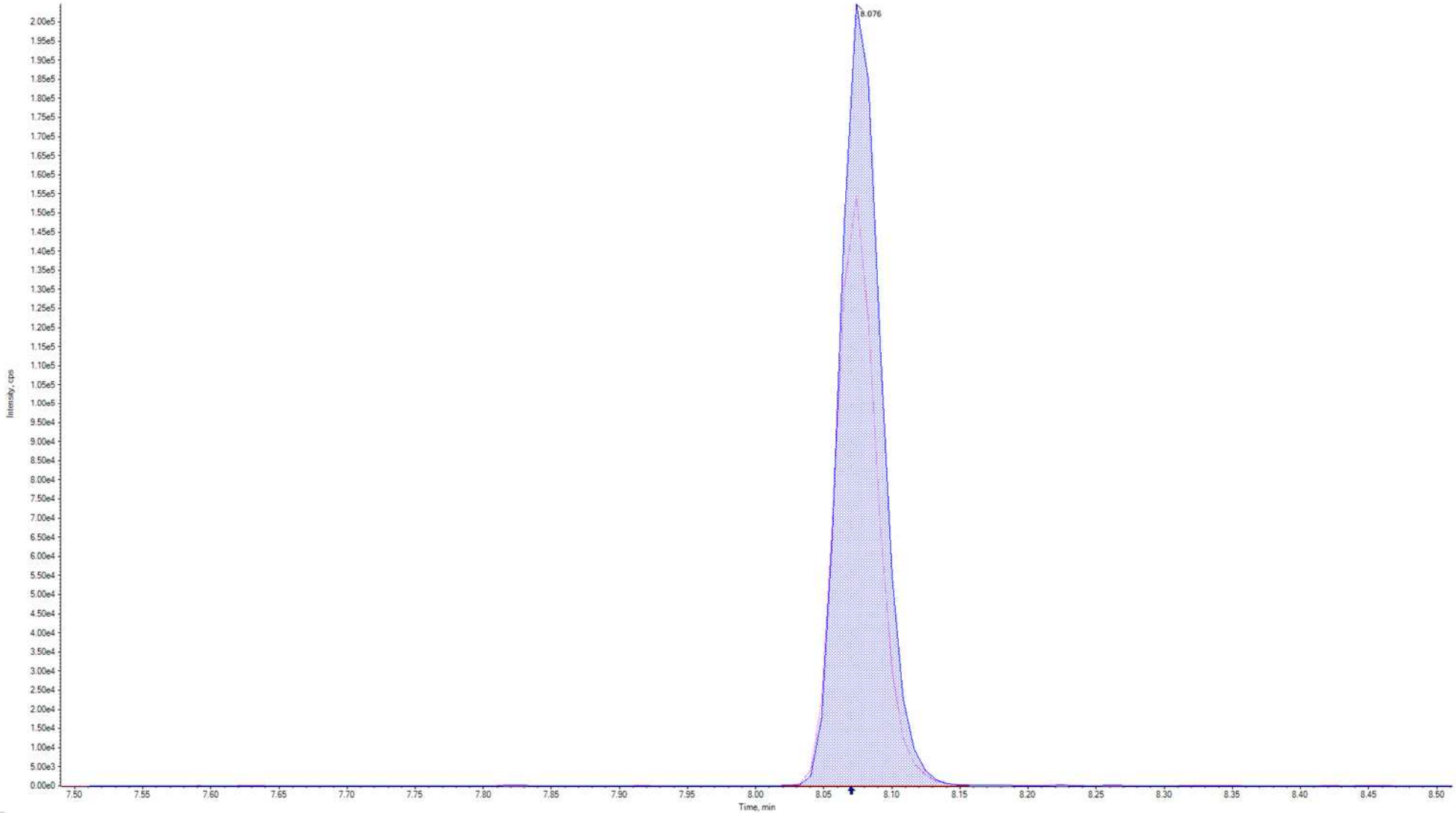
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS_2
Sample: IA1633STD-1.25 S/N:1678.1 Points Across peak:30



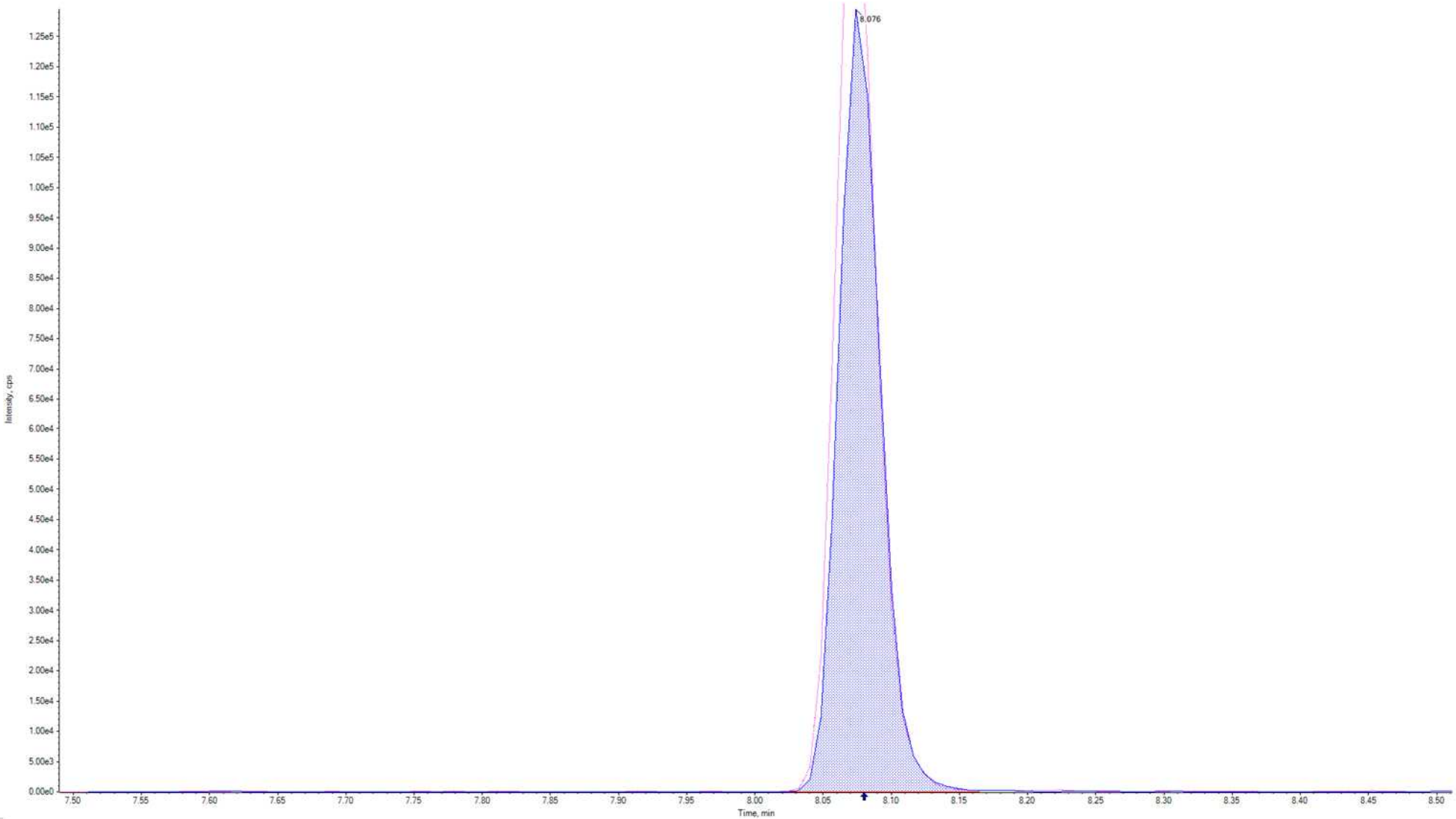
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS
Sample: IA1633STD-1.25 S/N:4641.6 Points Across peak:24



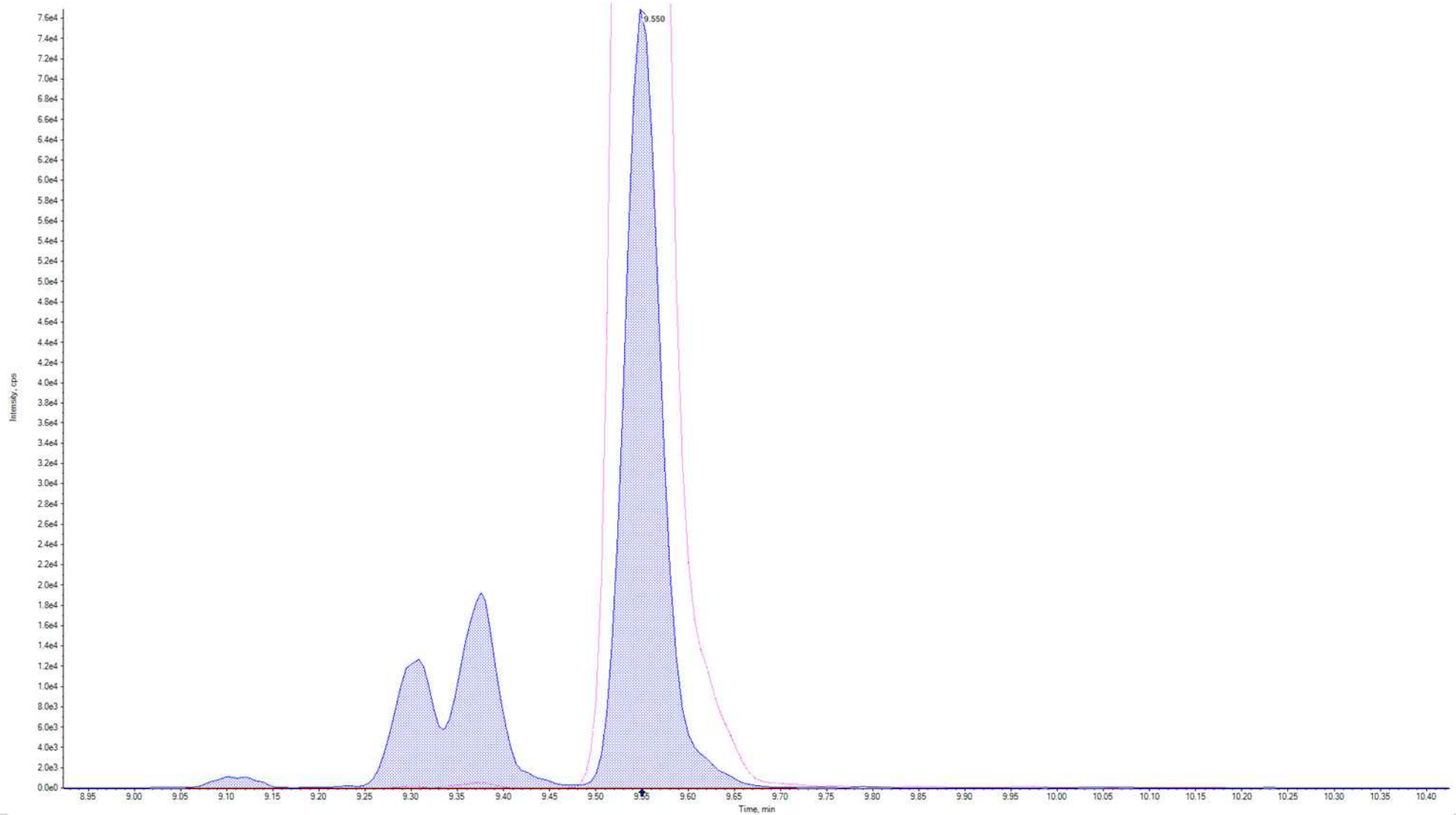
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS_2
Sample: IA1633STD-1.25 S/N:1910.4 Points Across peak:19



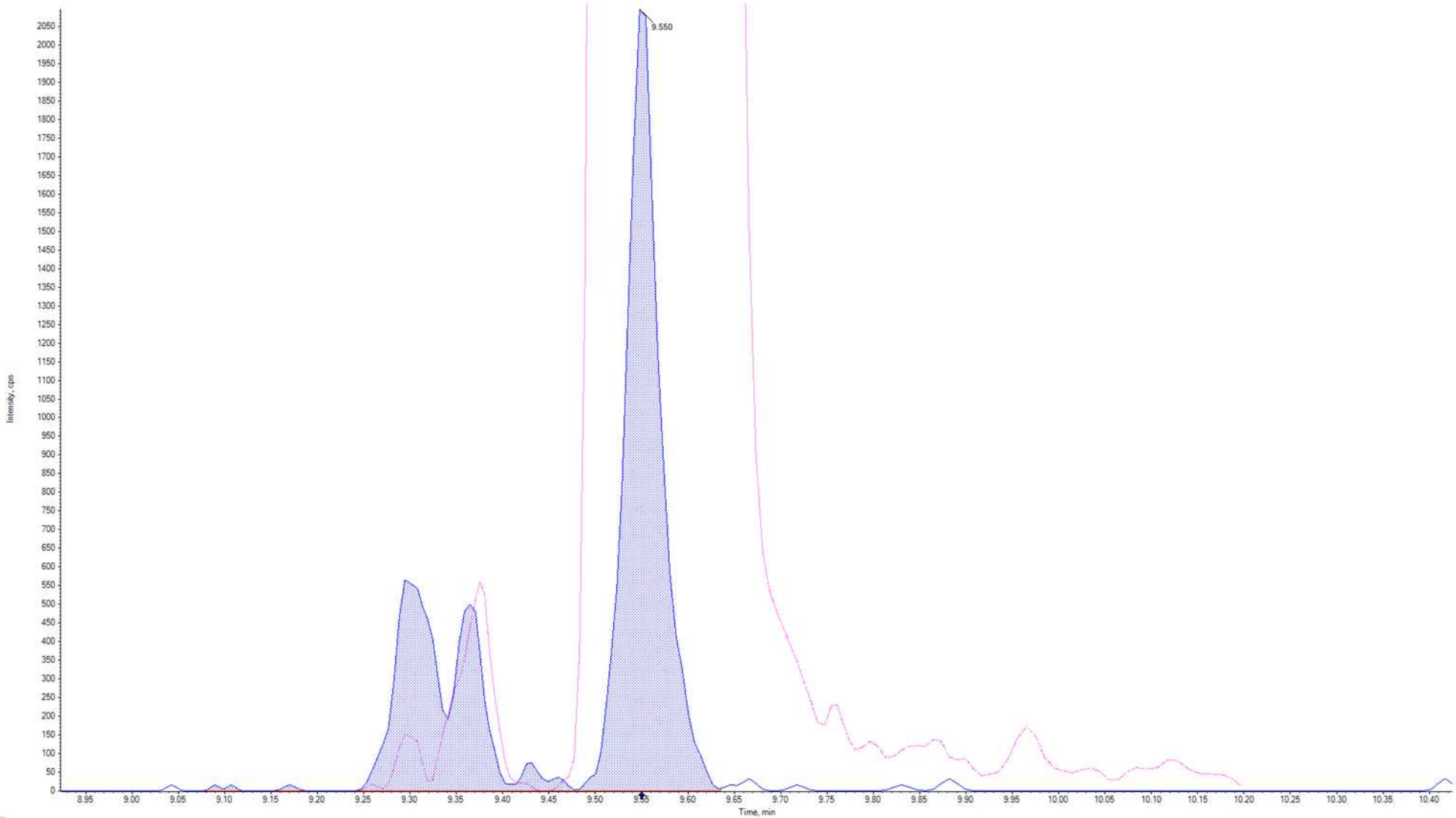
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA
Sample: IA1633STD-1.25 S/N:22824430.5 Points Across peak:115



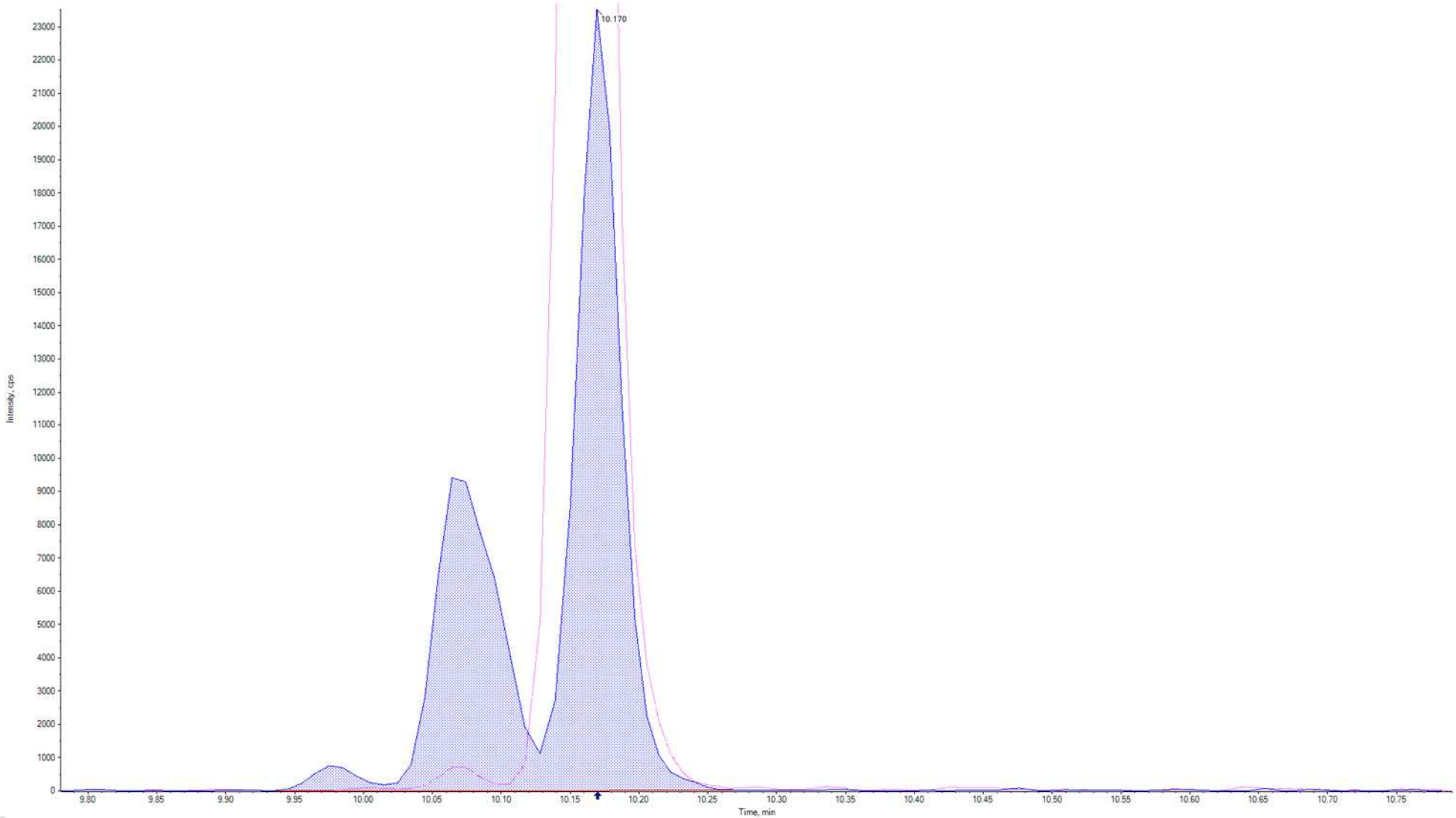
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA_2
Sample: IA1633STD-1.25 S/N:720.4 Points Across peak:100



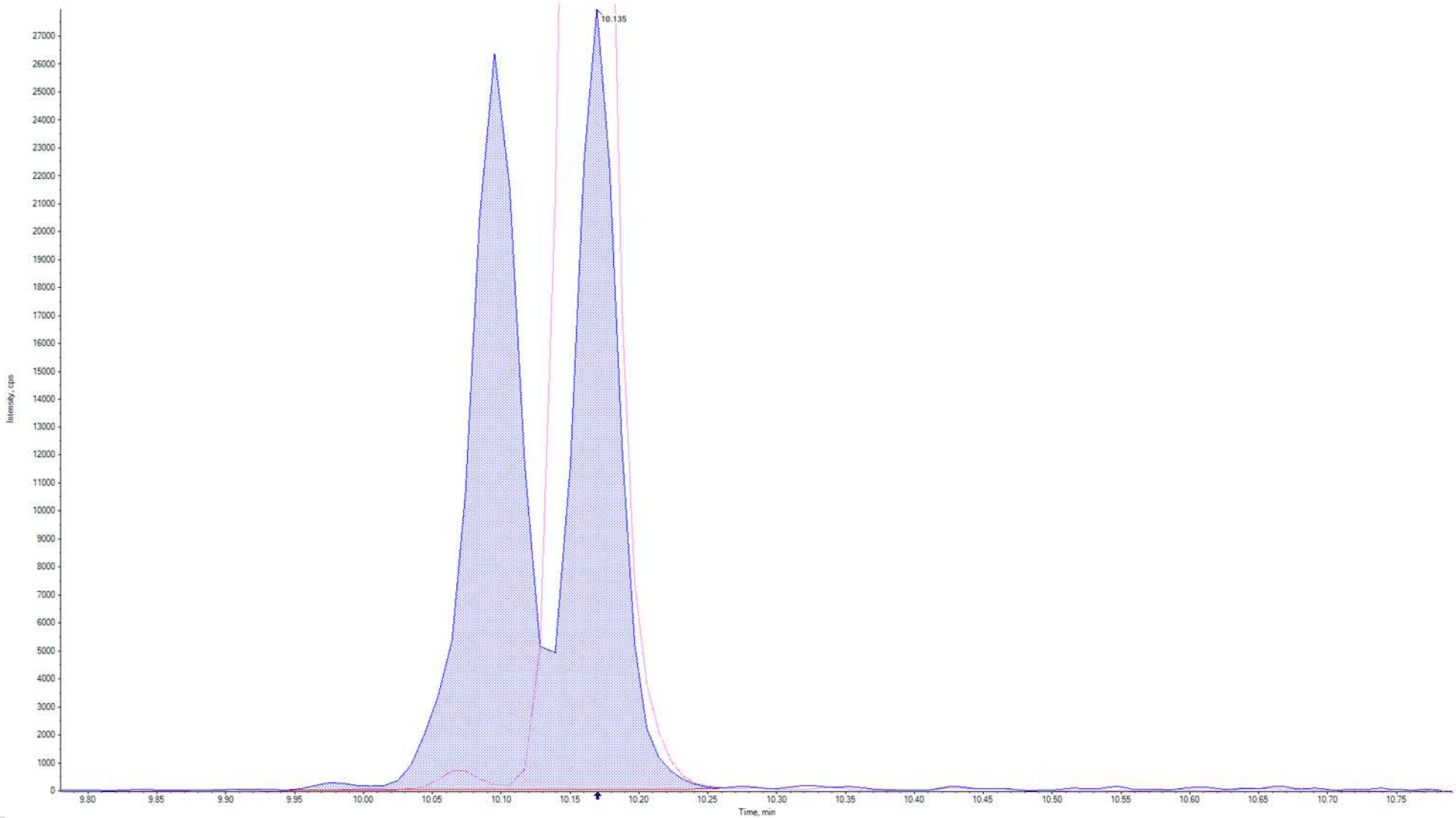
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA
Sample: IA1633STD-1.25 S/N:22807.3 Points Across peak:37



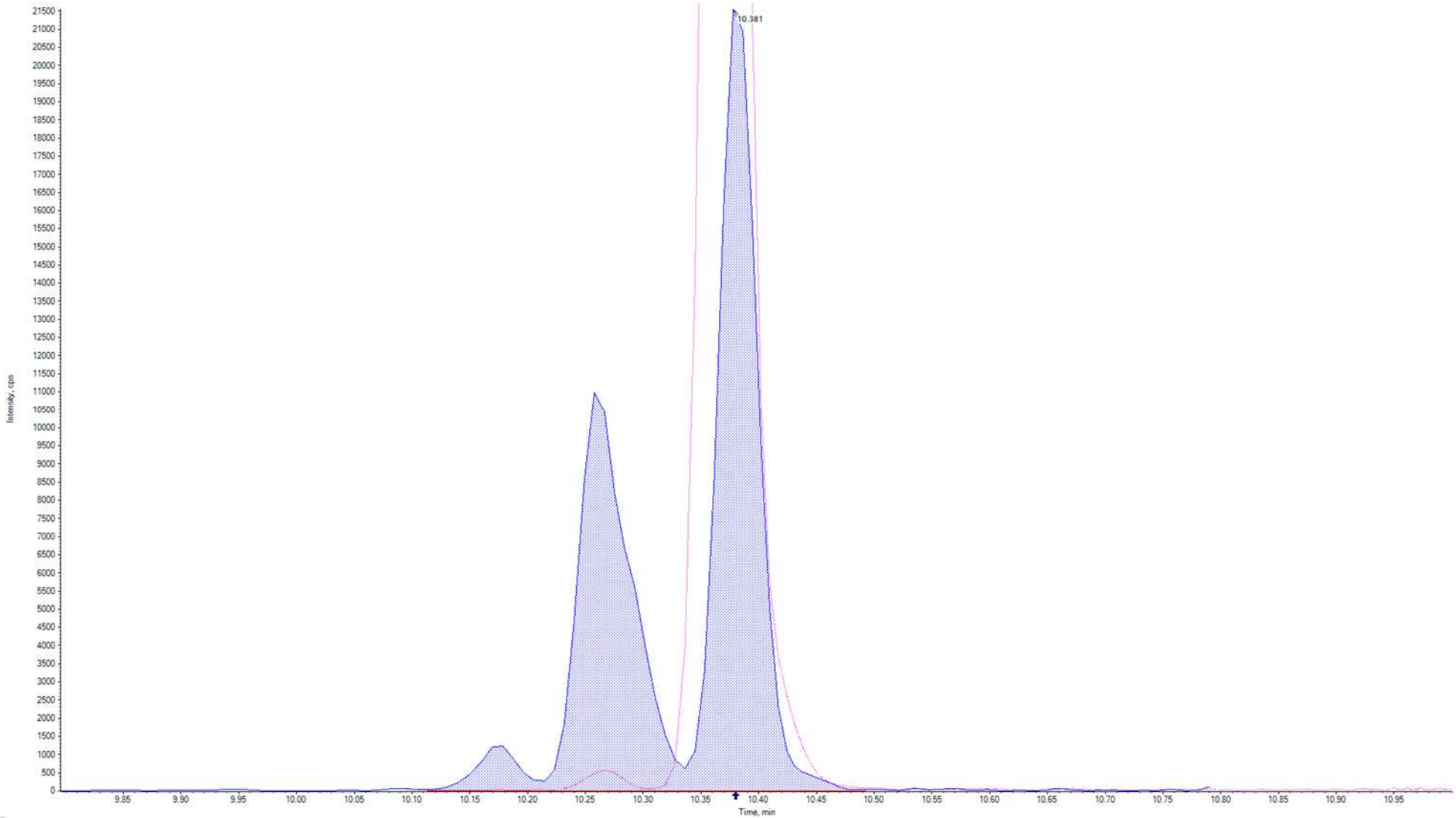
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA_2
Sample: IA1633STD-1.25 S/N:1316.5 Points Across peak:34



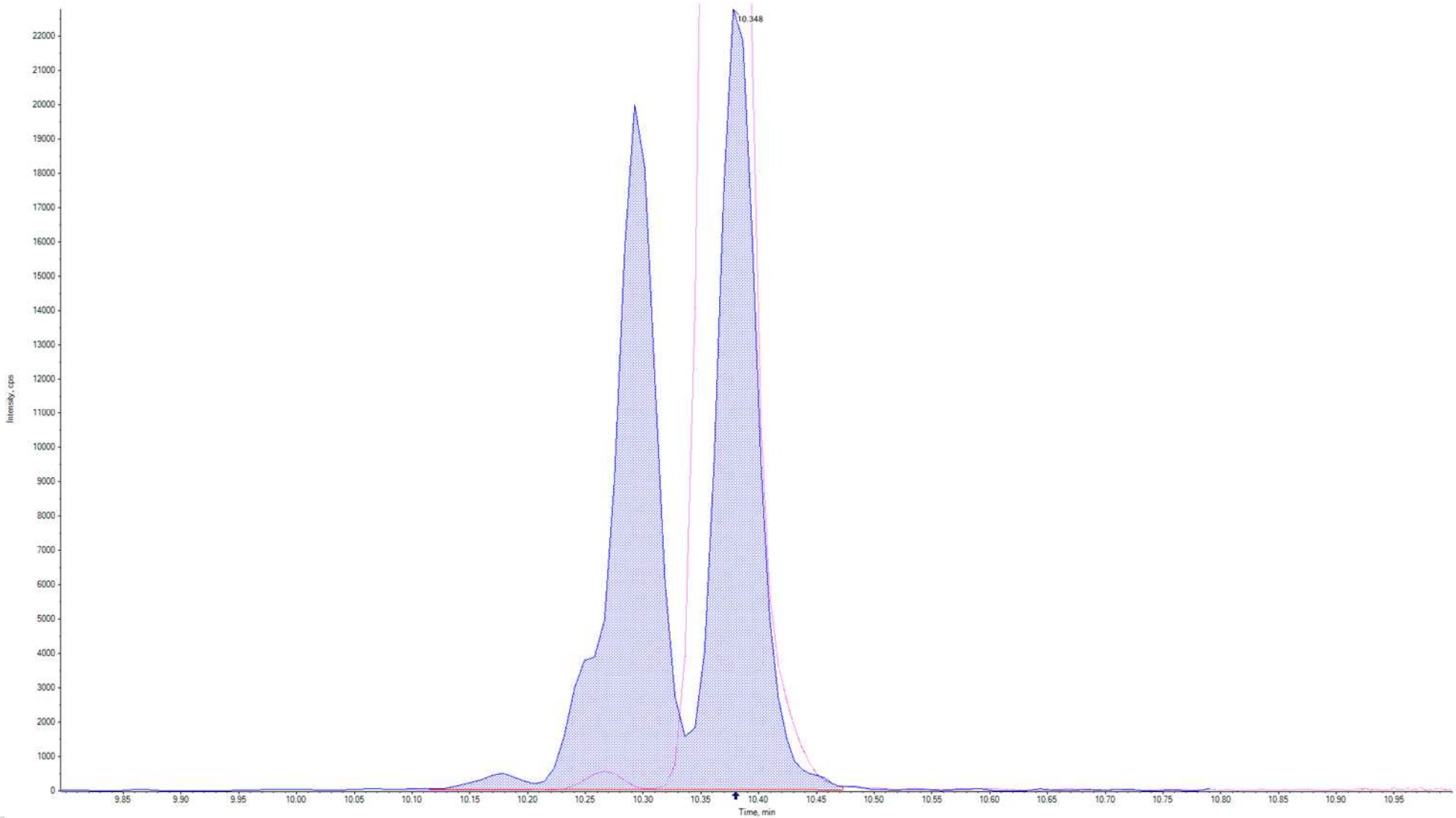
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA
Sample: IA1633STD-1.25 S/N:39369.2 Points Across peak:48



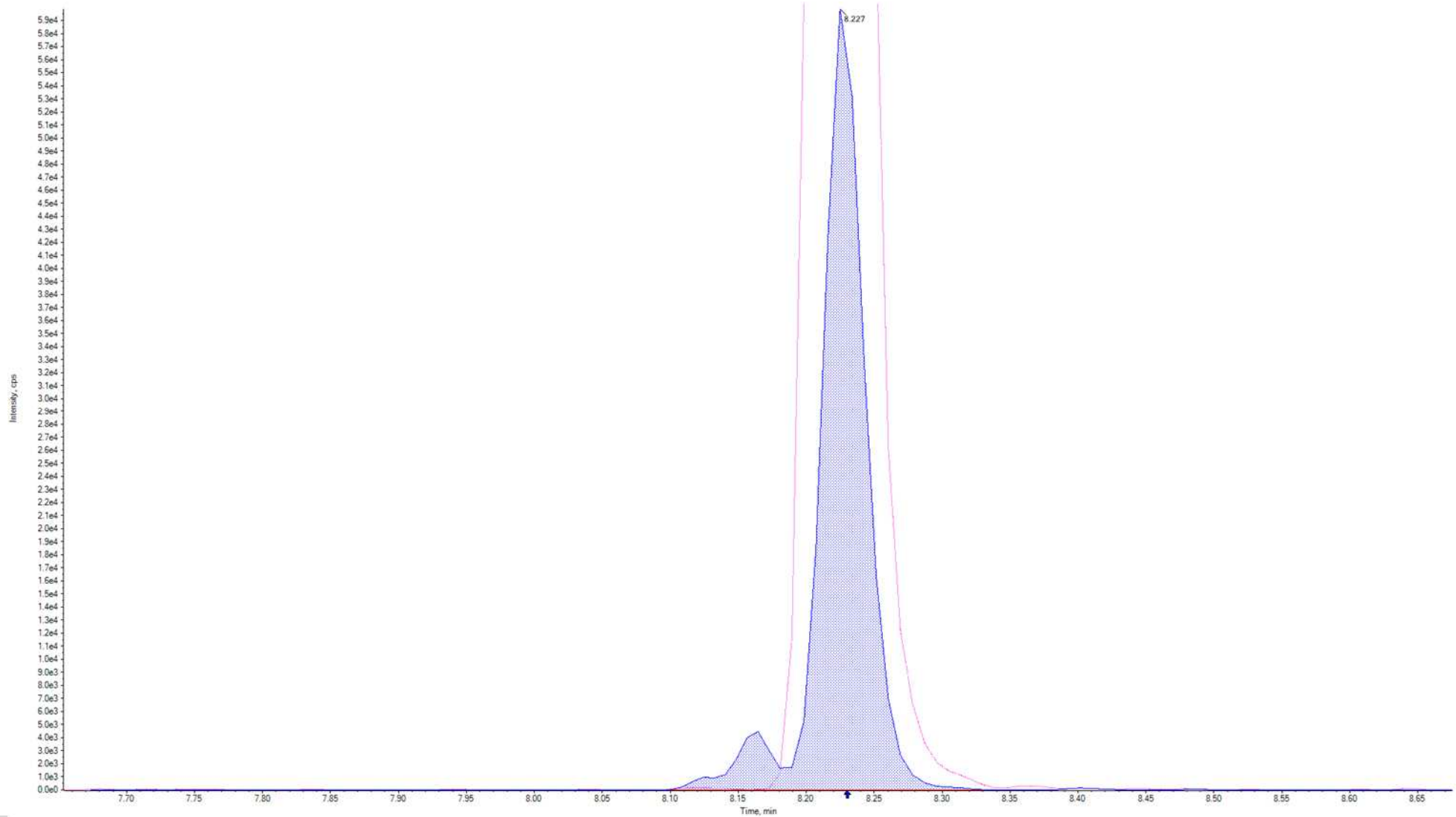
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA_2
Sample: IA1633STD-1.25 S/N:42195.0 Points Across peak:45



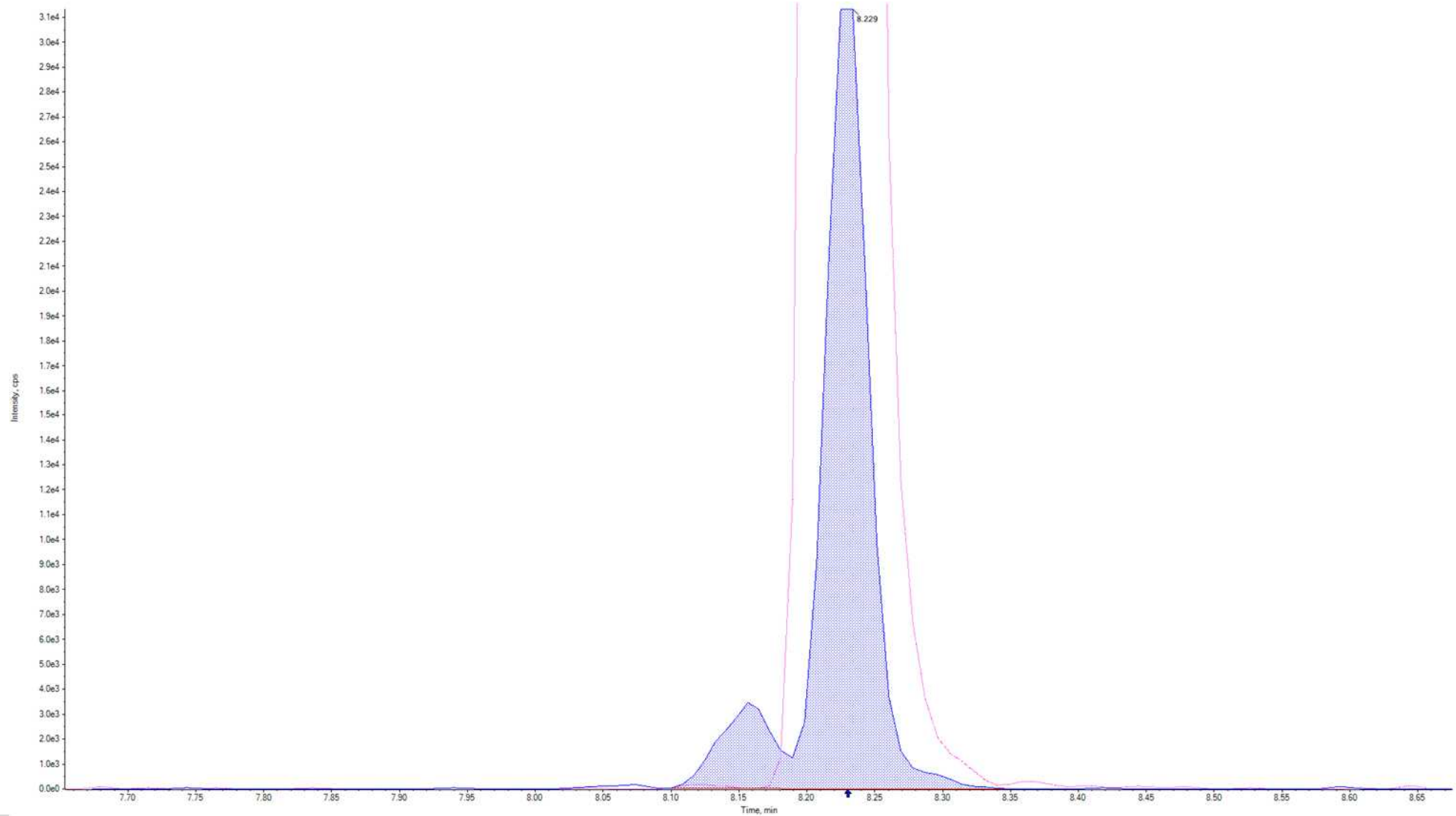
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA
Sample: IA1633STD-1.25 S/N:1949.2 Points Across peak:35



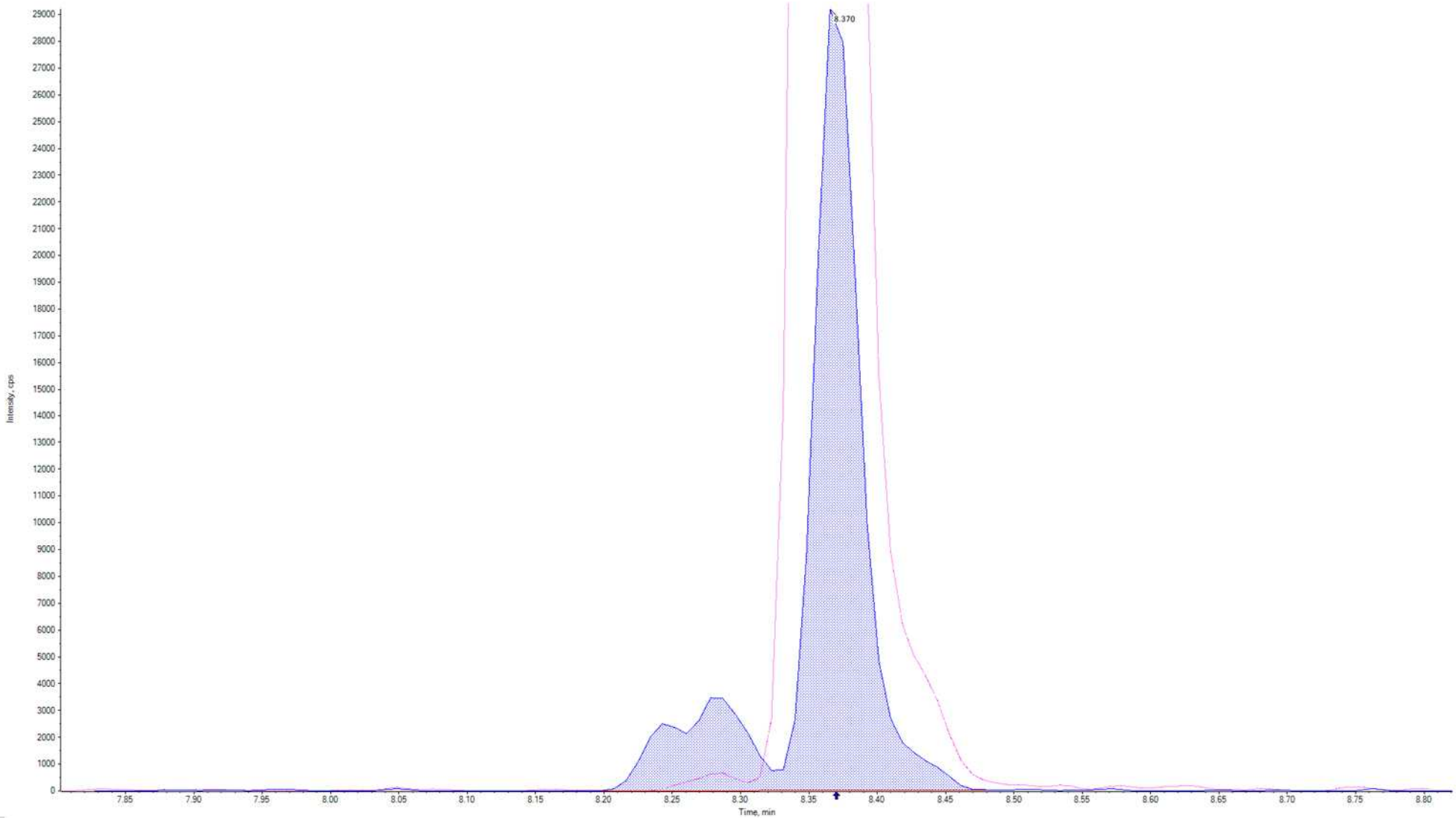
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA_2
Sample: IA1633STD-1.25 S/N:589.0 Points Across peak:32



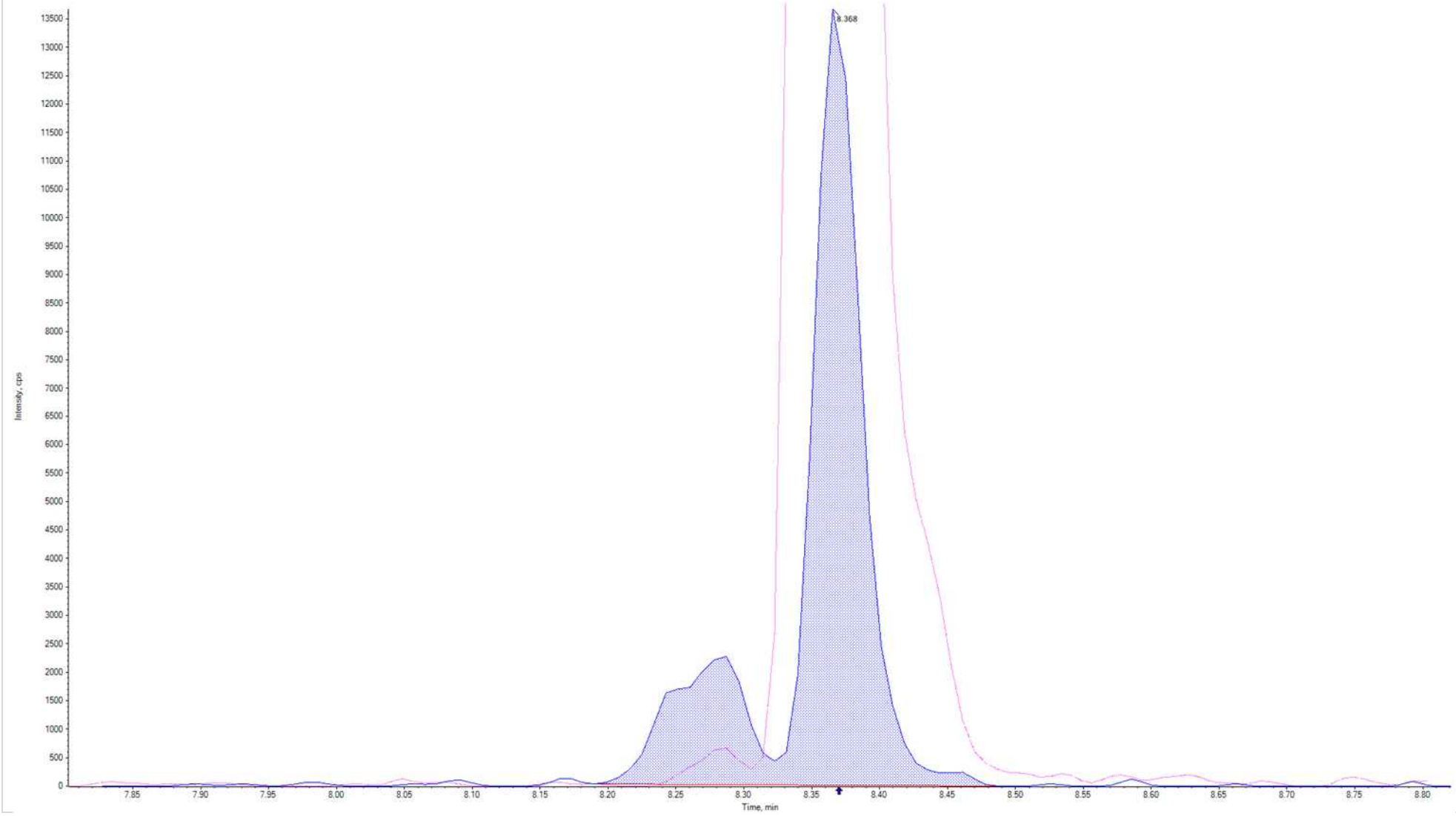
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA
Sample: IA1633STD-1.25 S/N:621.6 Points Across peak:35



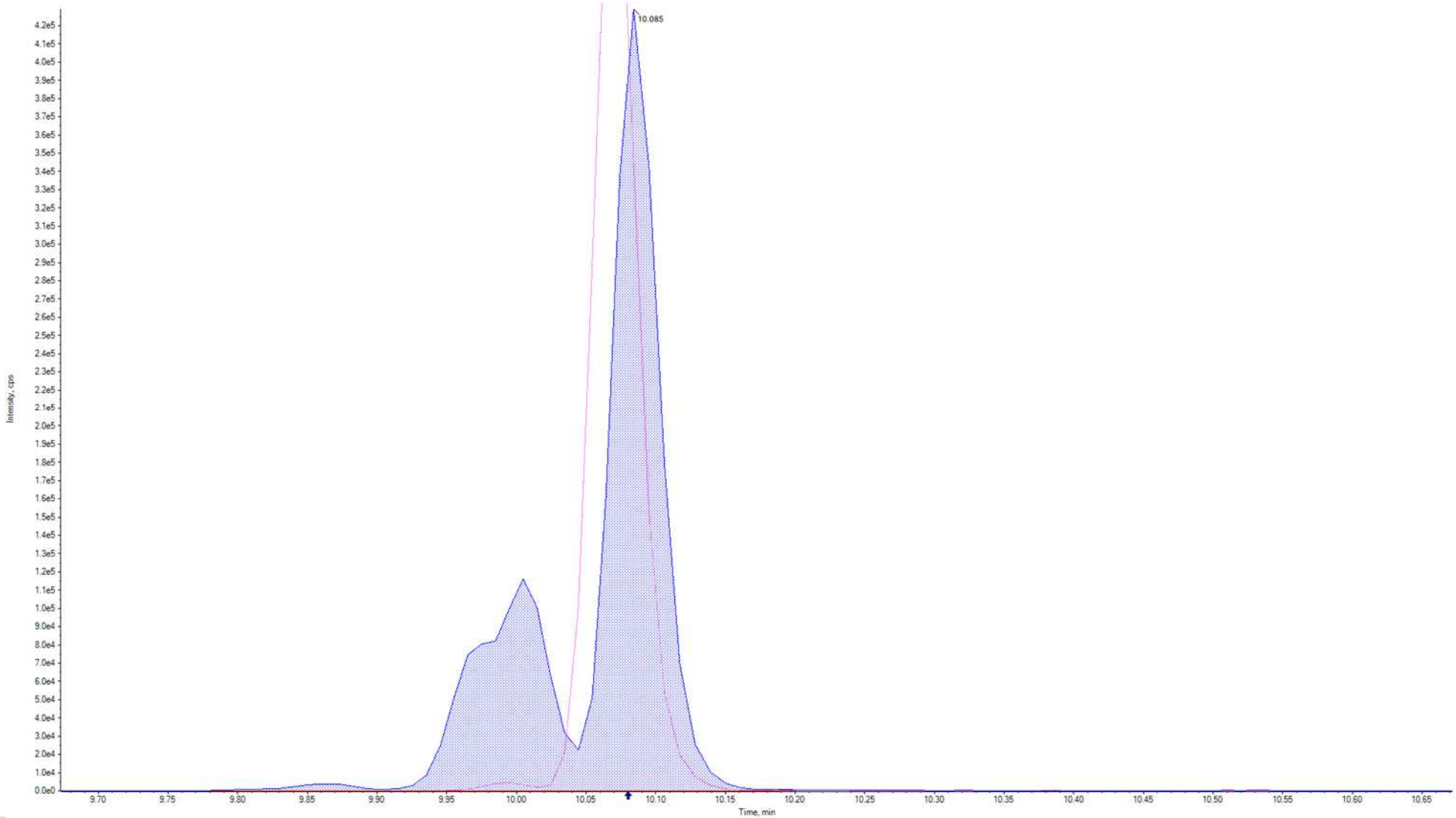
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA_2
Sample: IA1633STD-1.25 S/N:306.3 Points Across peak:36



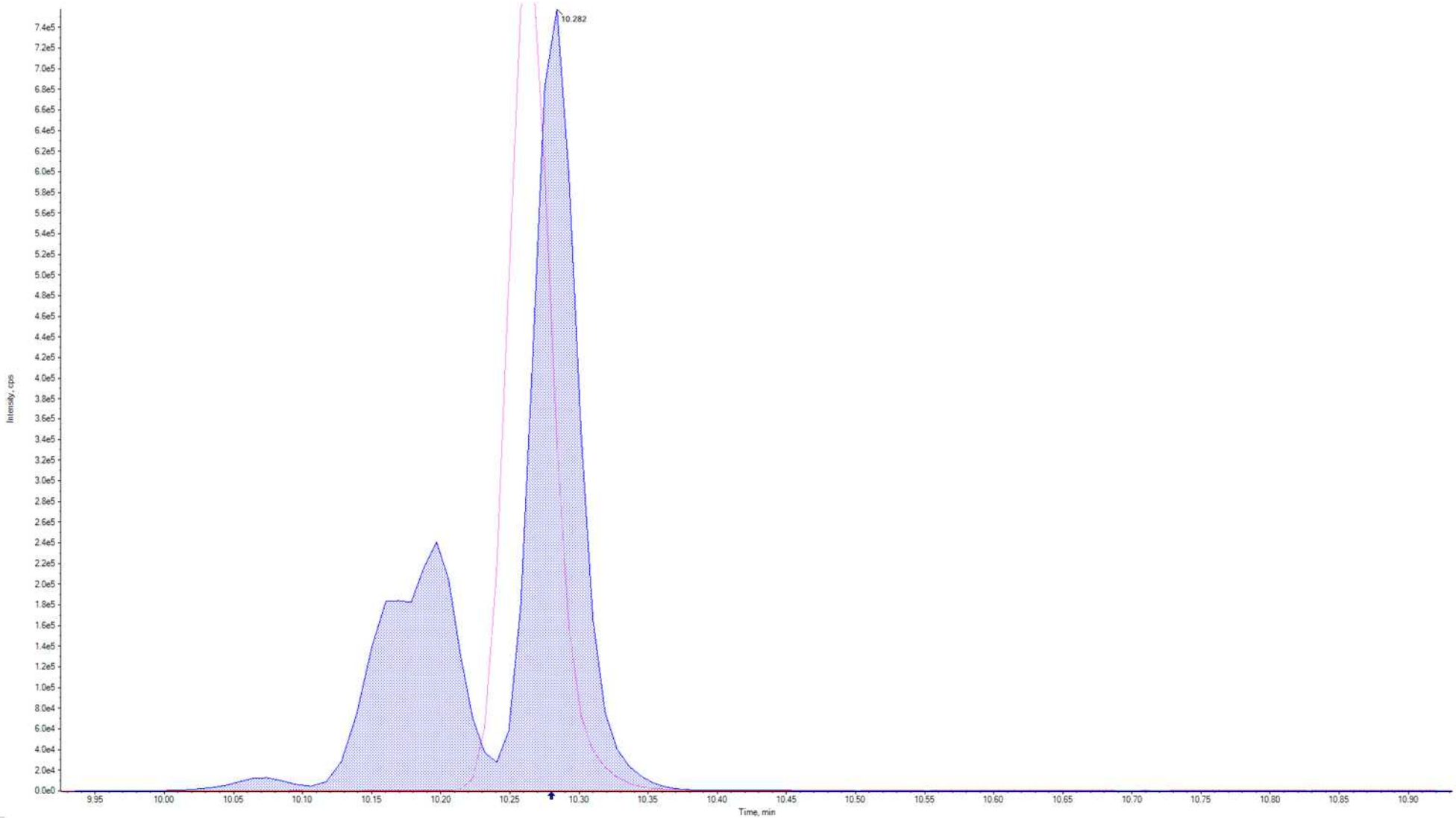
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSE
Sample: IA1633STD-1.25 S/N:3171.6 Points Across peak:54

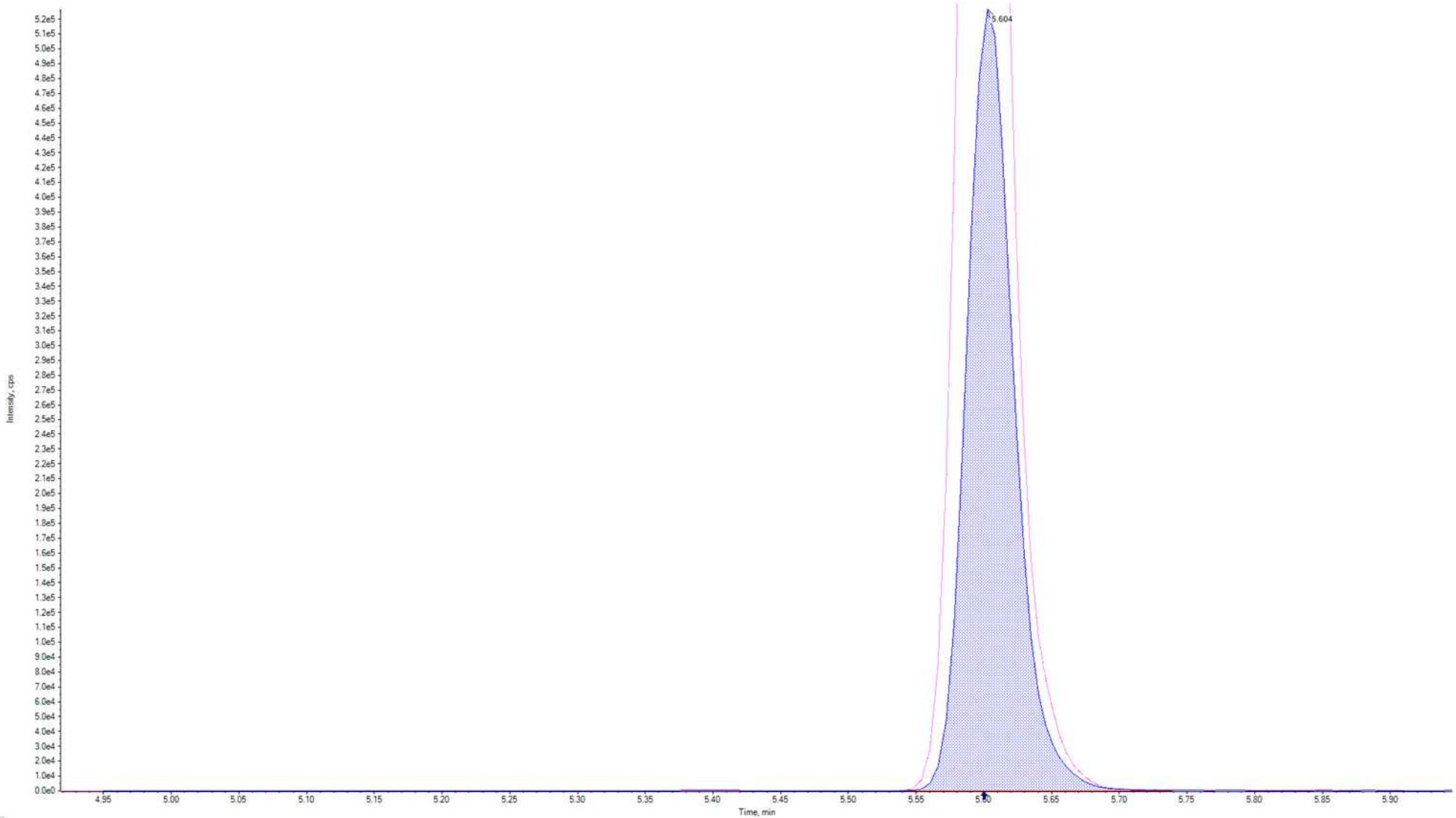


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSE
Sample: IA1633STD-1.25 S/N:2770.6 Points Across peak:56

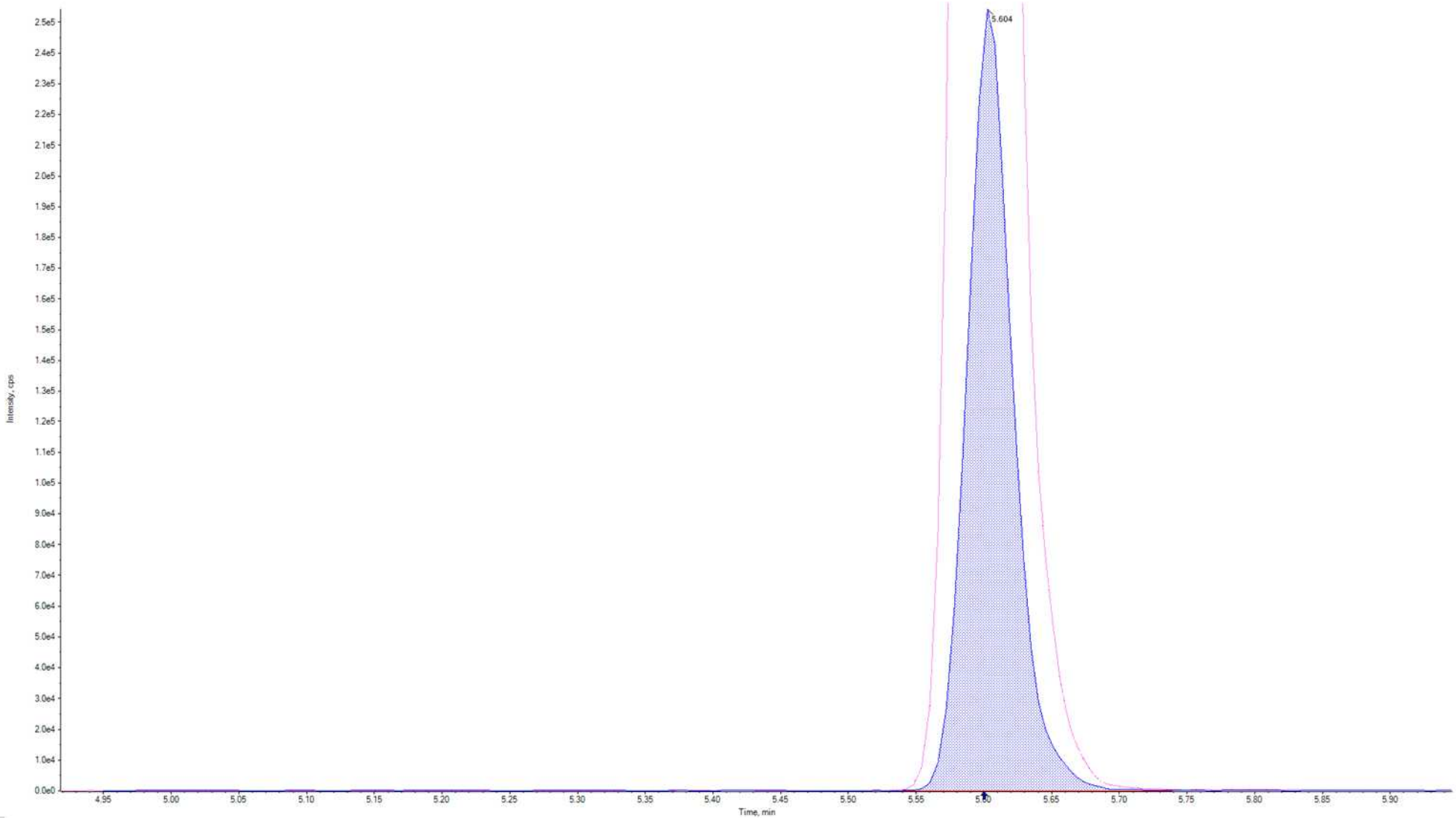


HFPO-DA
Sample: IA1633STD-1.25 S/N:62161.3 Points Across peak:43



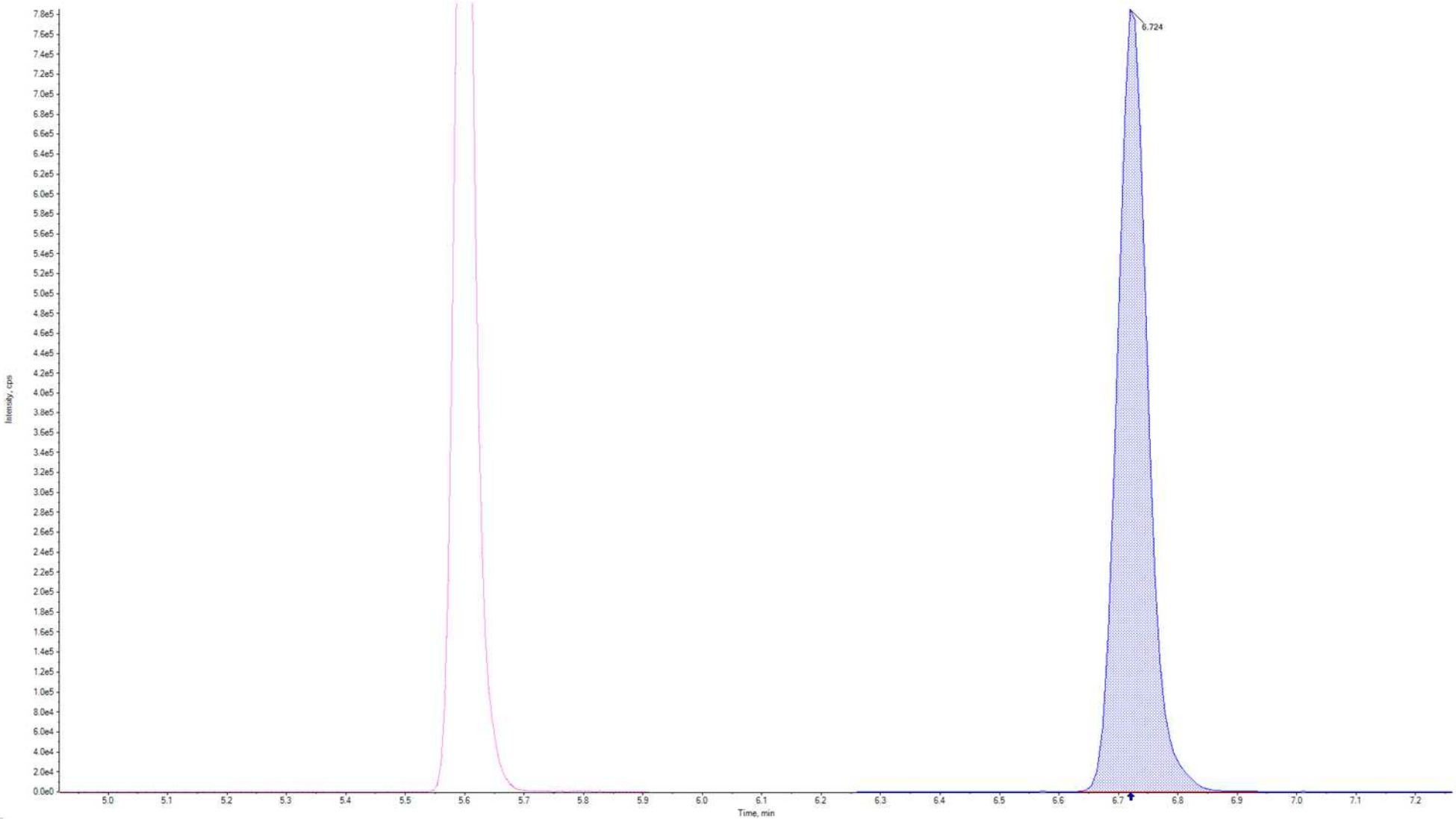
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA_2
Sample: IA1633STD-1.25 S/N:4616.5 Points Across peak:42



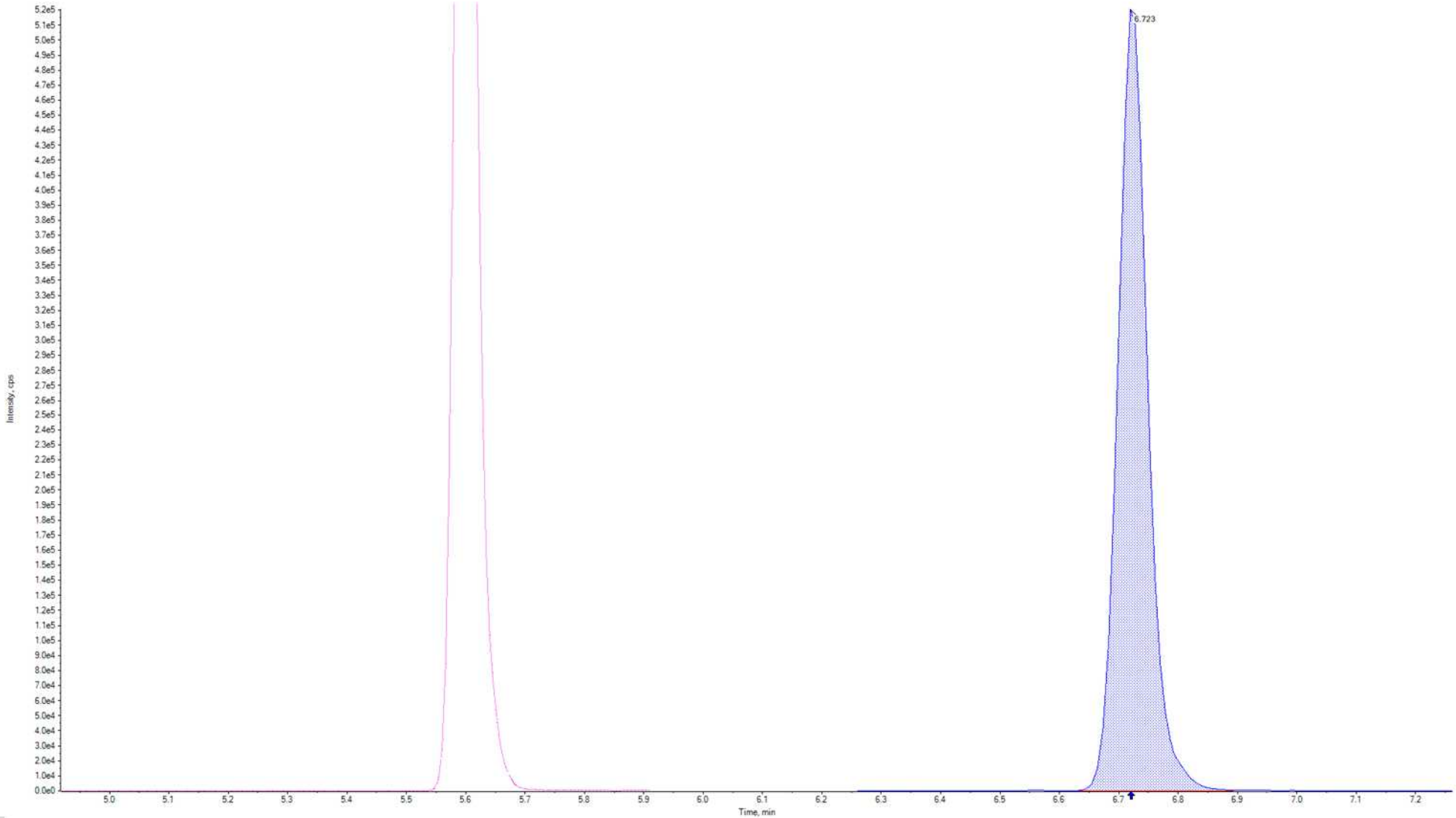
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

ADONA
Sample: IA1633STD-1.25 S/N:15752.7 Points Across peak:47



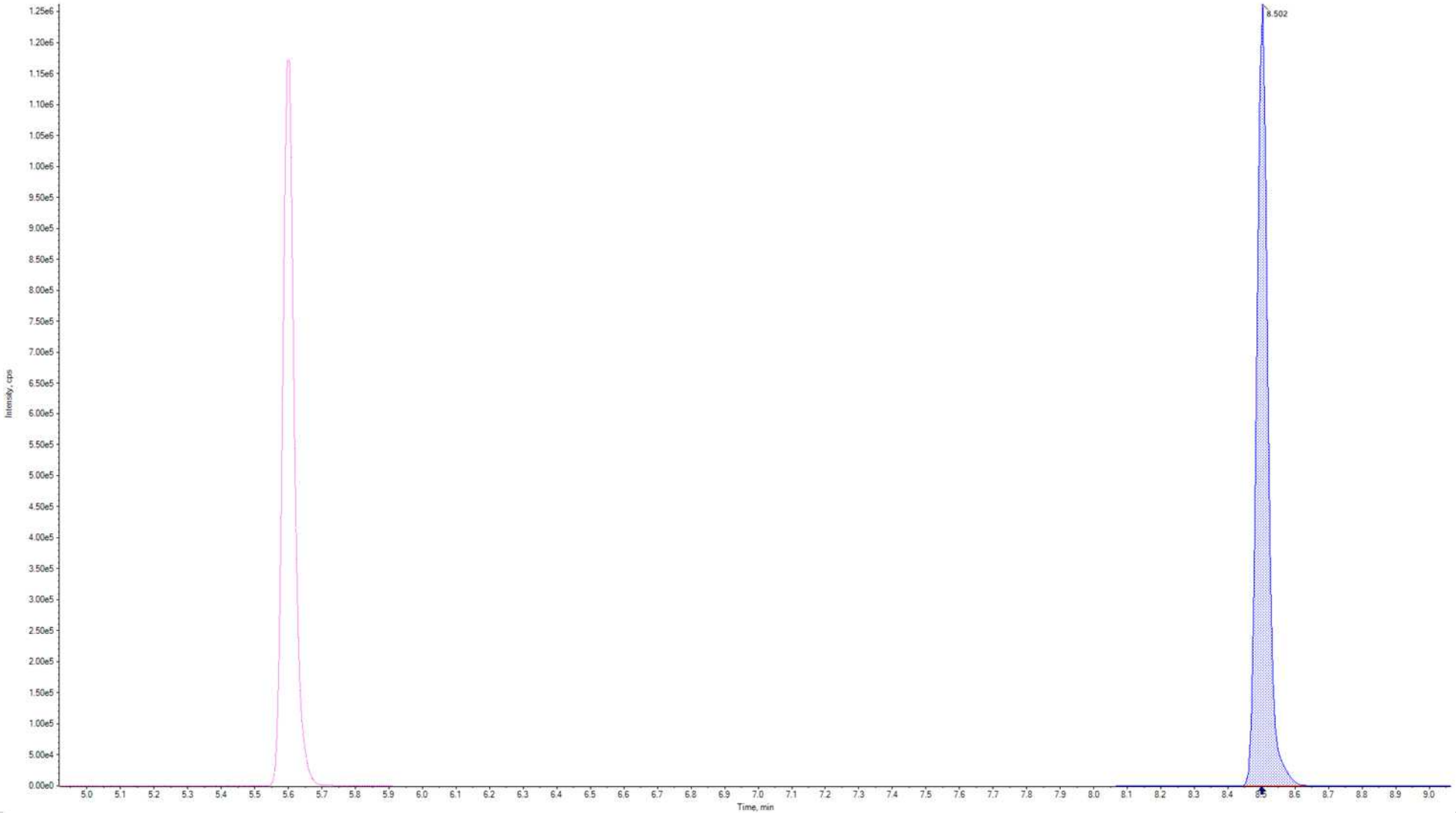
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

ADONA_2
Sample: IA1633STD-1.25 S/N:17264.5 Points Across peak:38



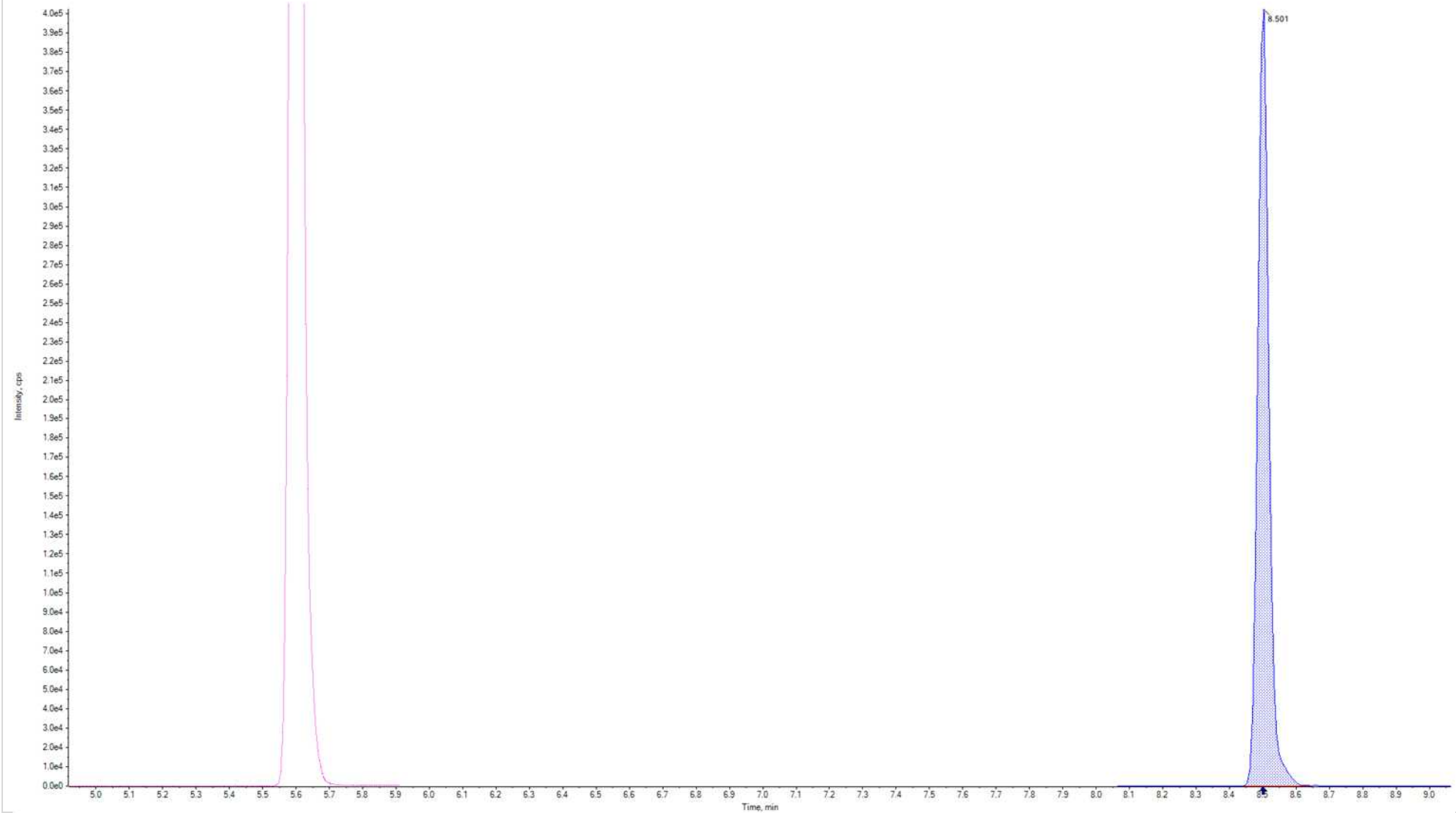
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS
Sample: IA1633STD-1.25 S/N:88585.9 Points Across peak:36



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS_2
Sample: IA1633STD-1.25 S/N:38926.2 Points Across peak:29



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS
Sample: IA1633STD-1.25 S/N:4467.9 Points Across peak:43



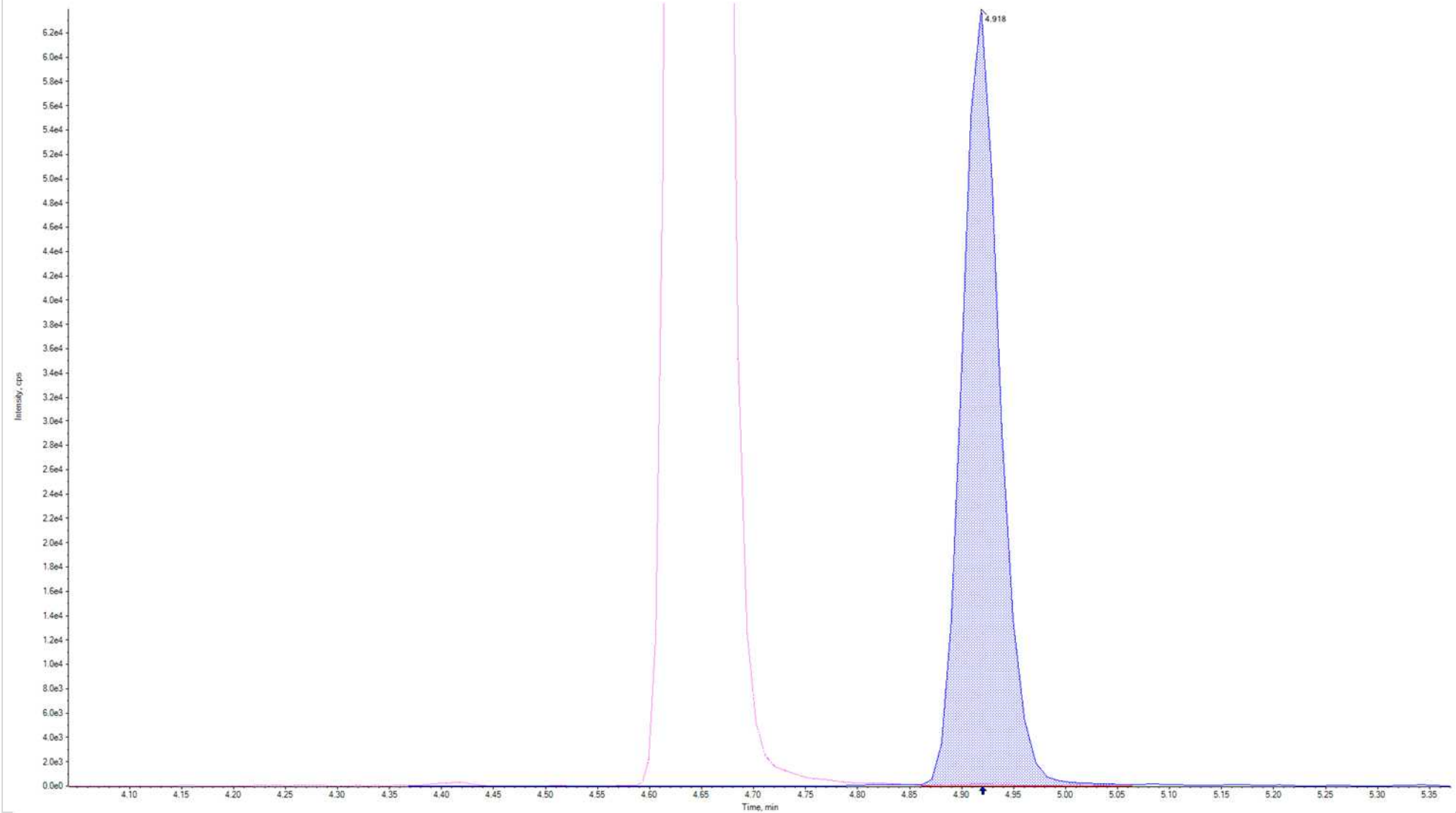
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS_2
Sample: IA1633STD-1.25 S/N:2872554.2 Points Across peak:36



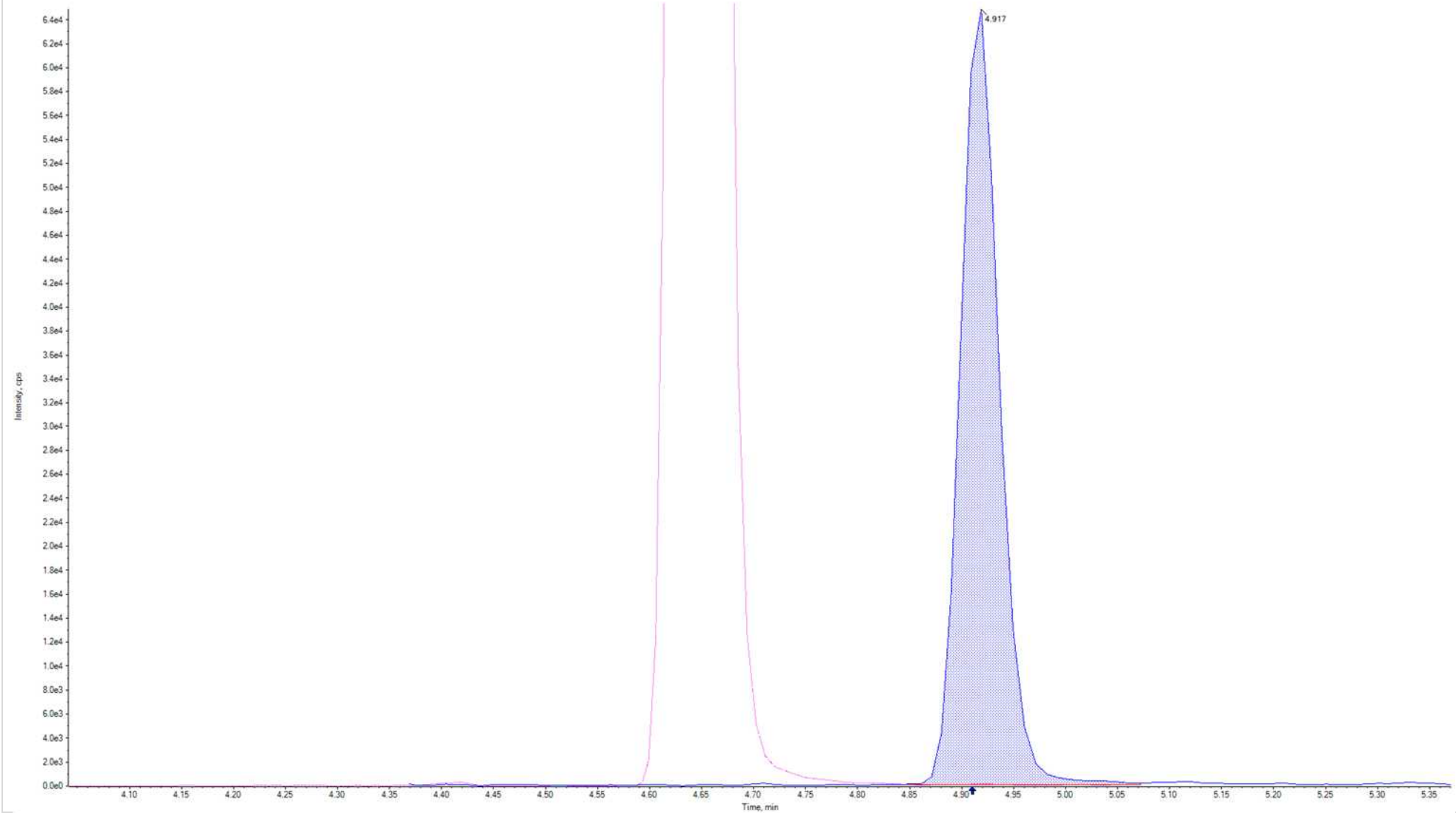
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA
Sample: IA1633STD-1.25 S/N:2725.2 Points Across peak:21



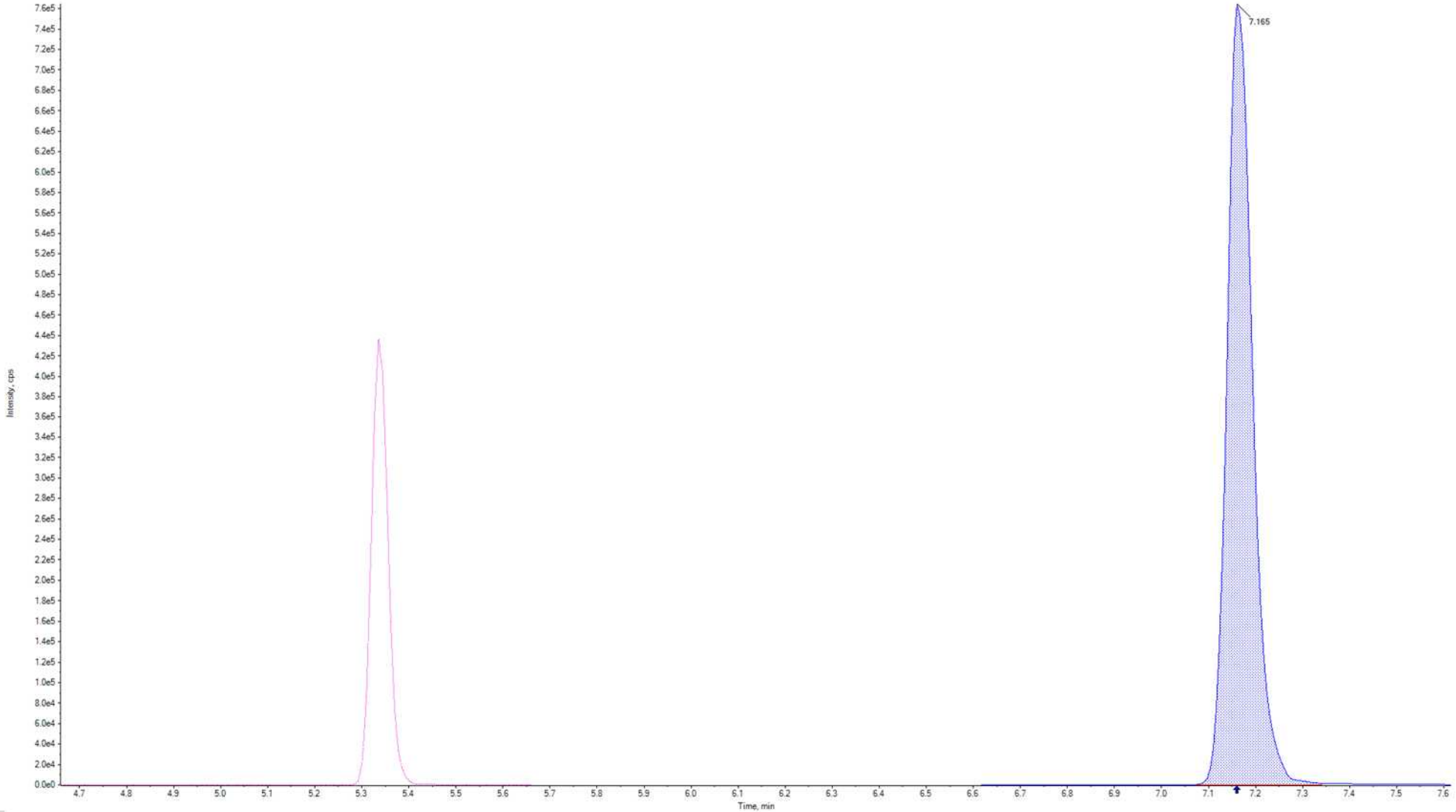
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA_2
Sample: IA1633STD-1.25 S/N:1779.6 Points Across peak:25



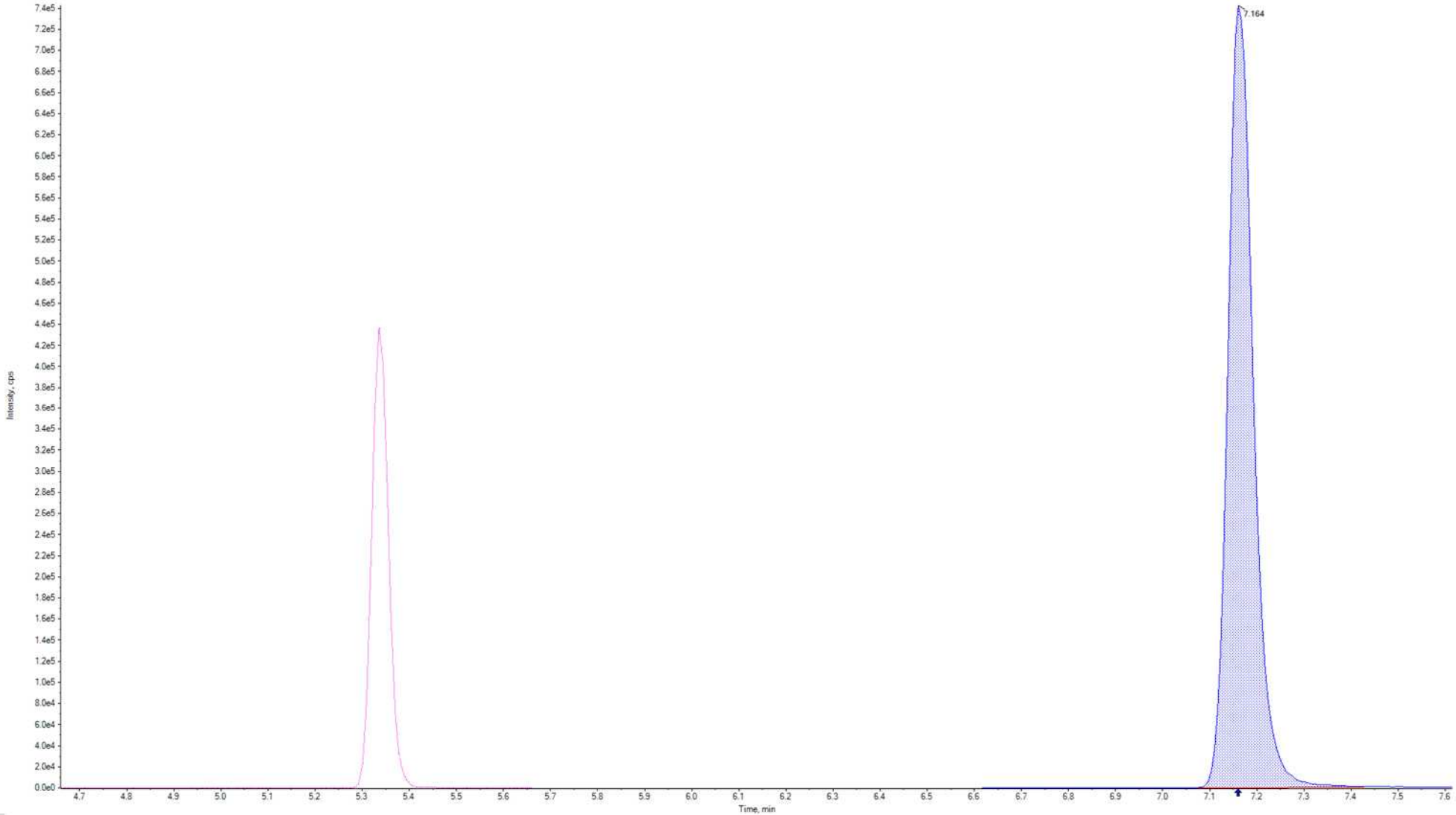
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA
Sample: IA1633STD-1.25 S/N:26901.5 Points Across peak:53



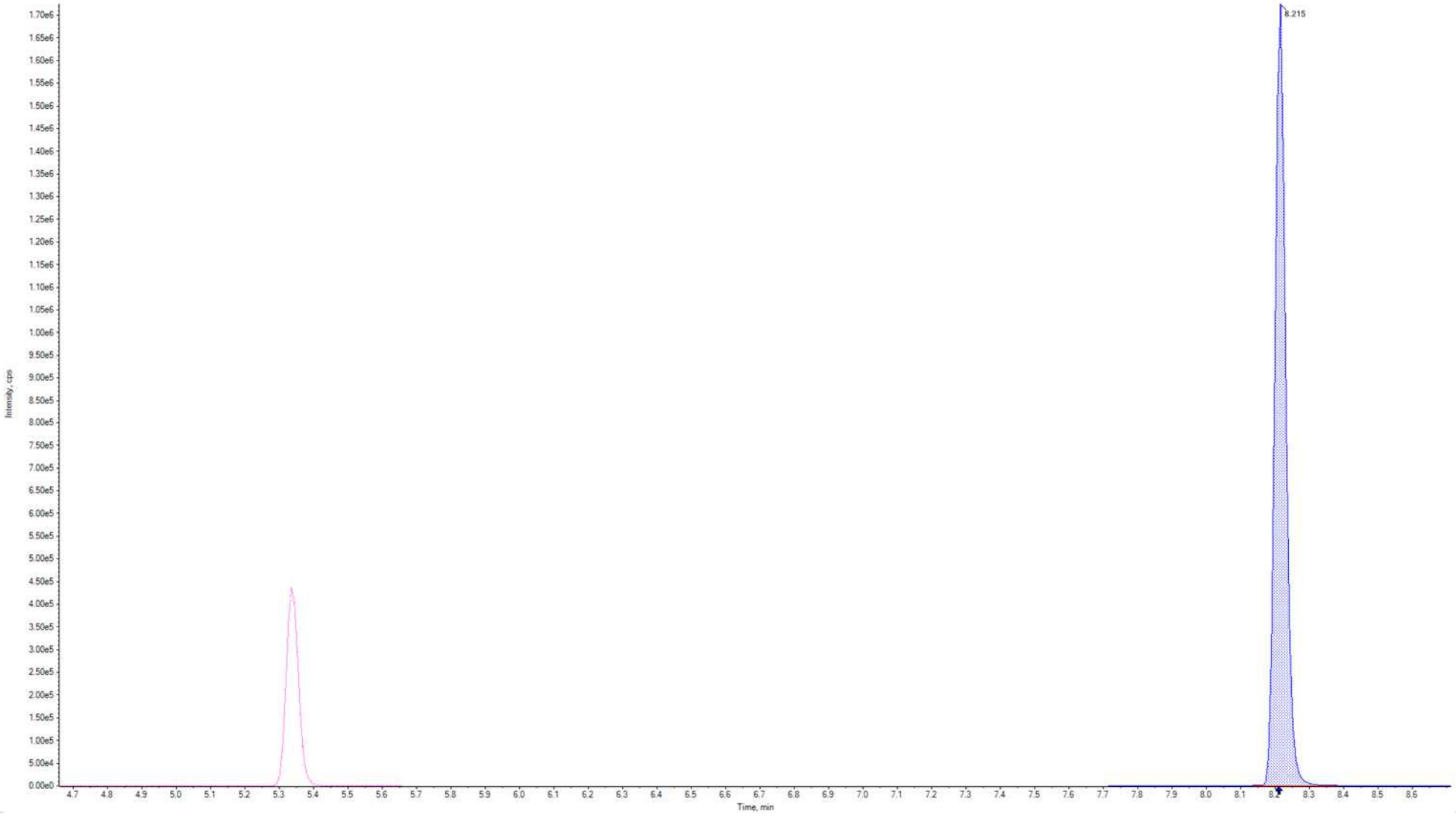
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA_2
Sample: IA1633STD-1.25 S/N:9692.8 Points Across peak:63



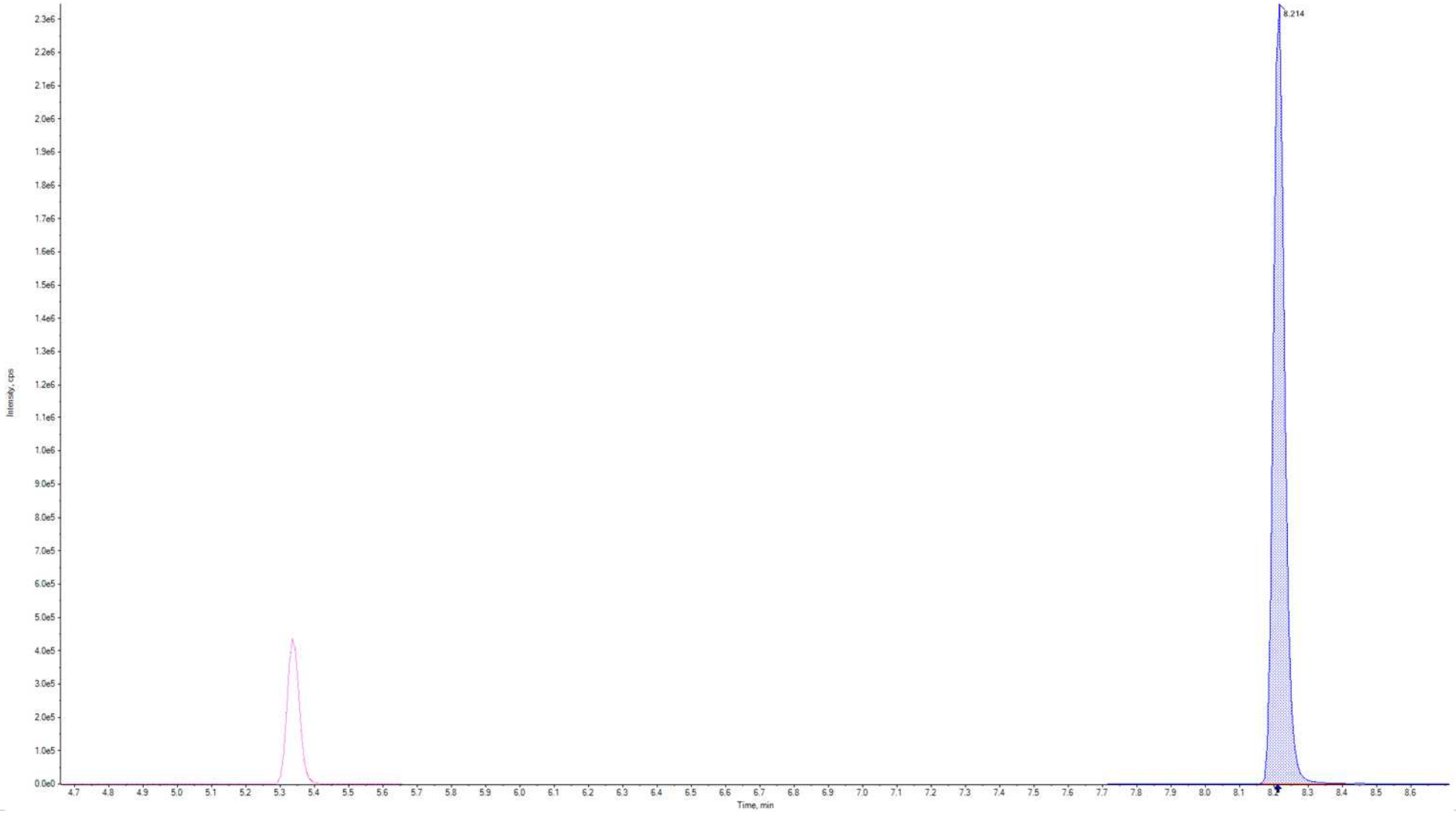
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA
Sample: IA1633STD-1.25 S/N:3322.5 Points Across peak:44



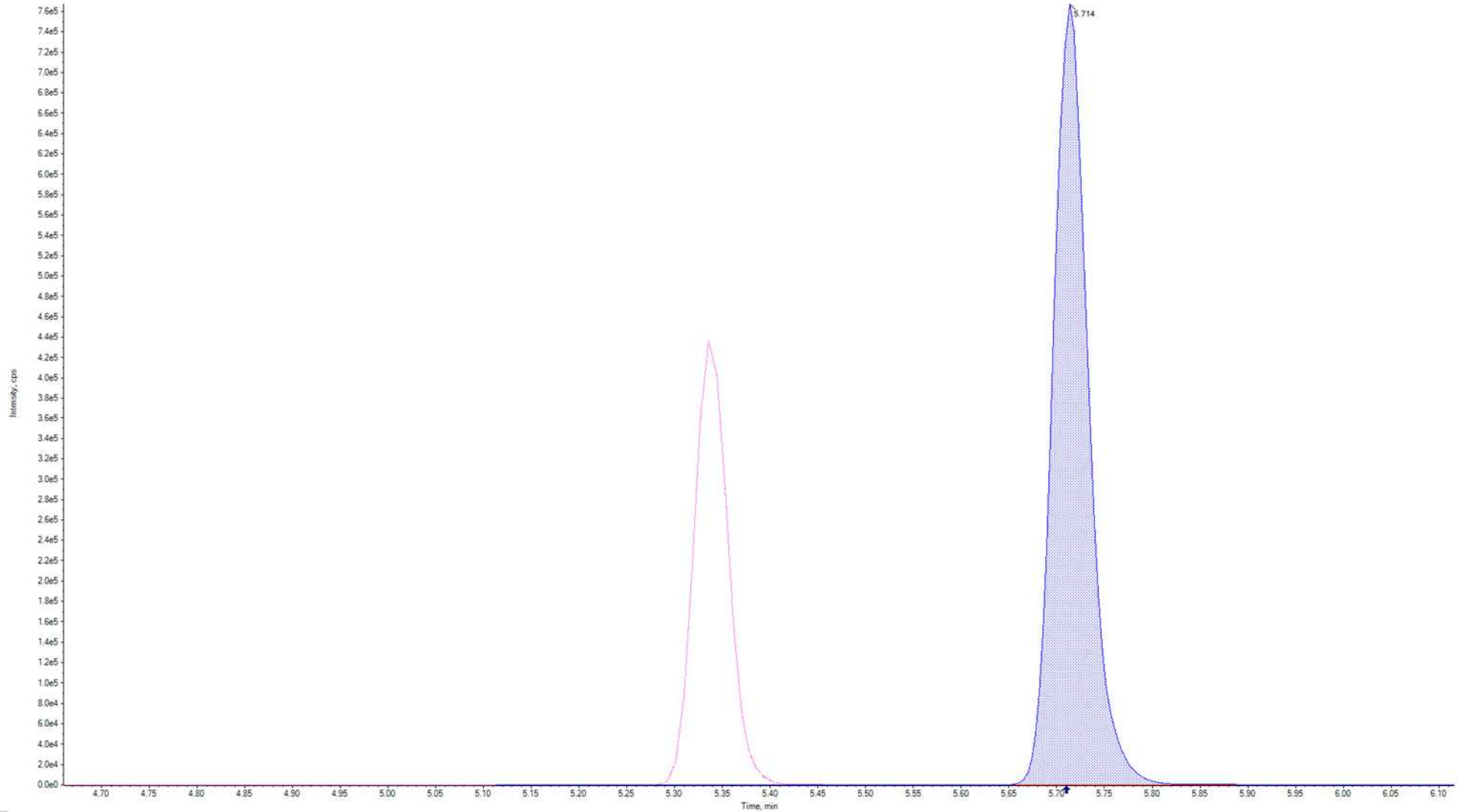
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA_2
Sample: IA1633STD-1.25 S/N:21145.4 Points Across peak:31



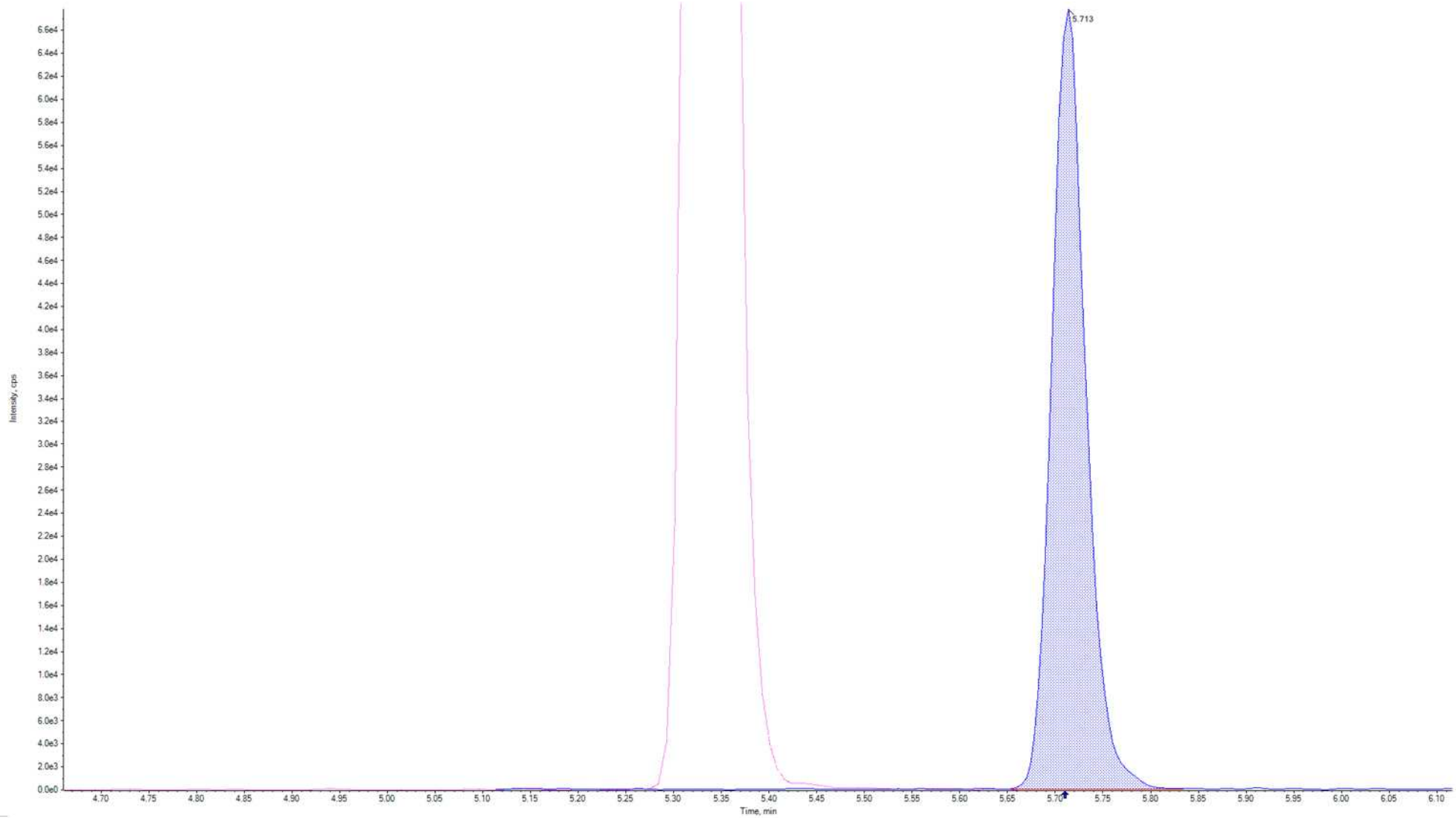
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA
Sample: IA1633STD-1.25 S/N:12486.2 Points Across peak:52



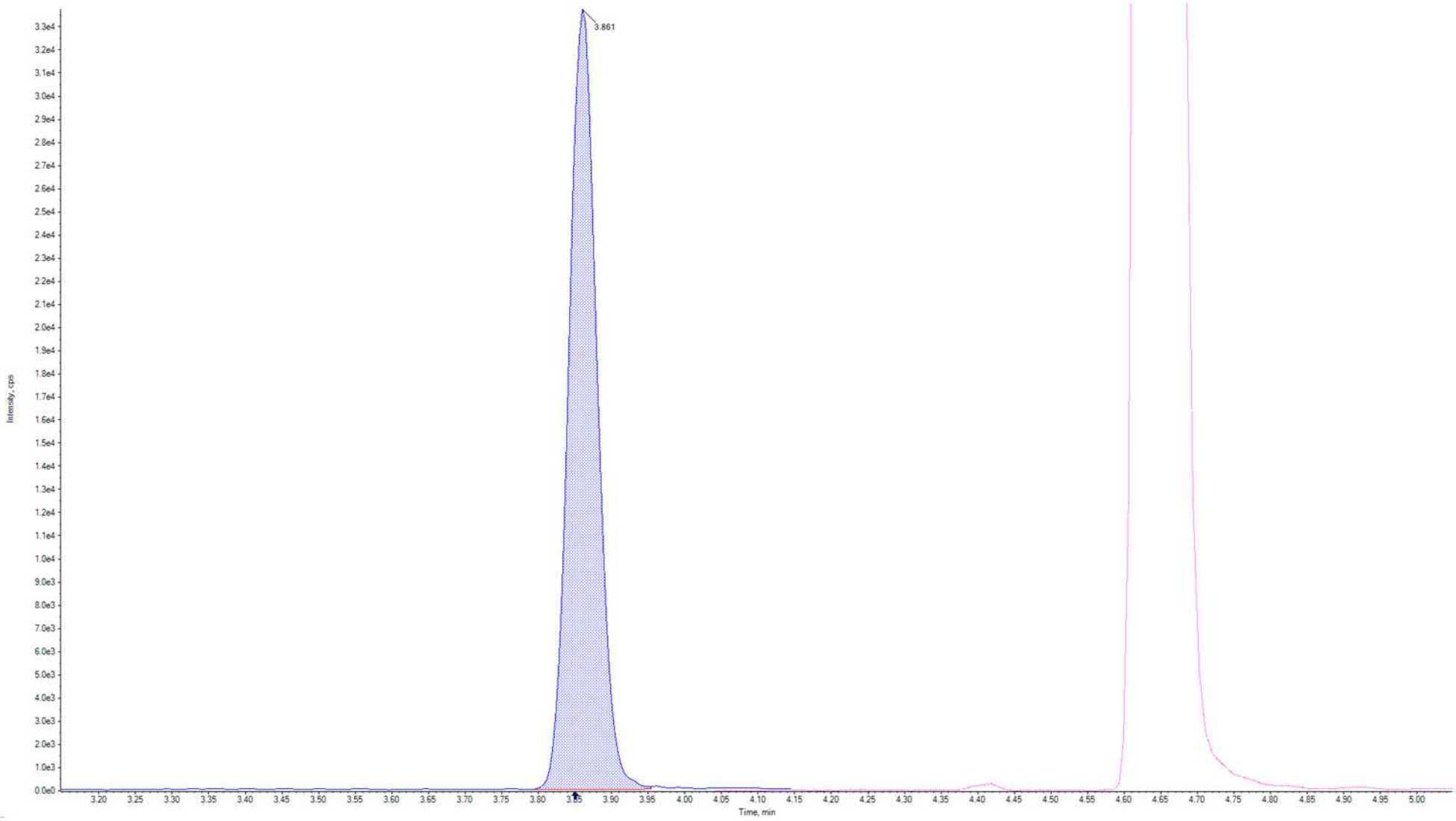
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA_2
Sample: IA1633STD-1.25 S/N:2932.5 Points Across peak:41



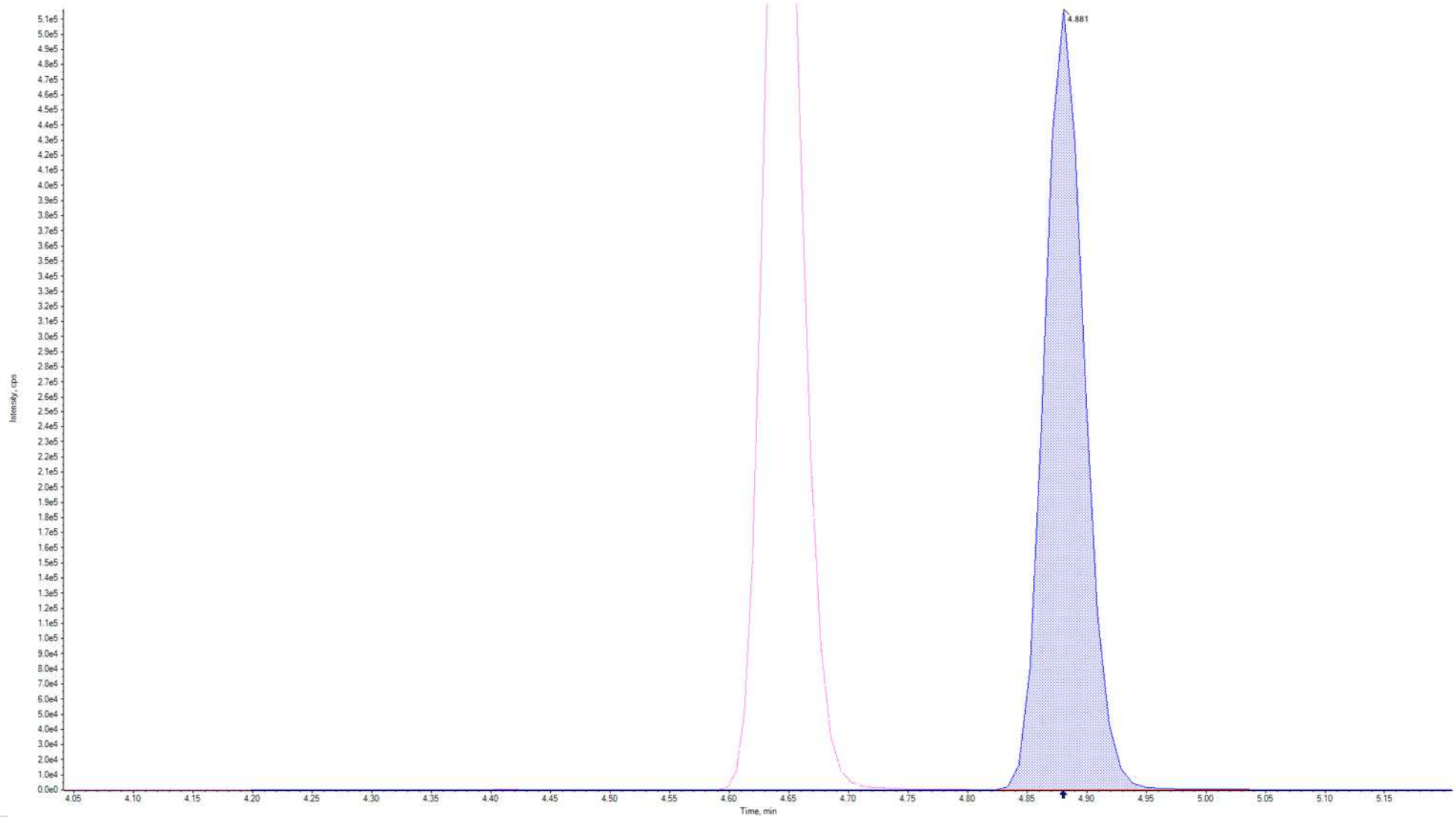
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFMPA
Sample: IA1633STD-1.25 S/N:2435.4 Points Across peak:43



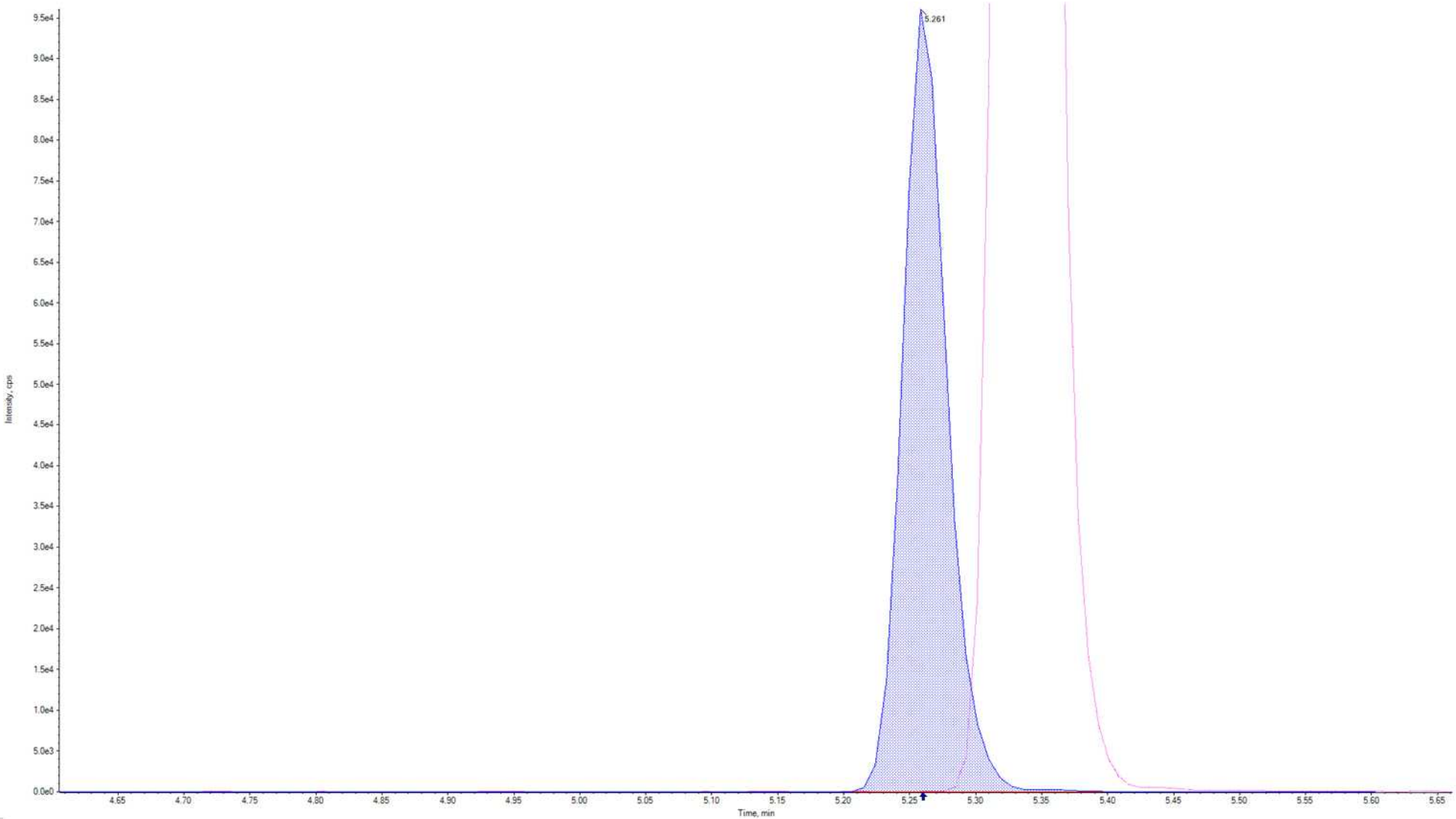
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFMBA
Sample: IA1633STD-1.25 S/N:13678.5 Points Across peak:25



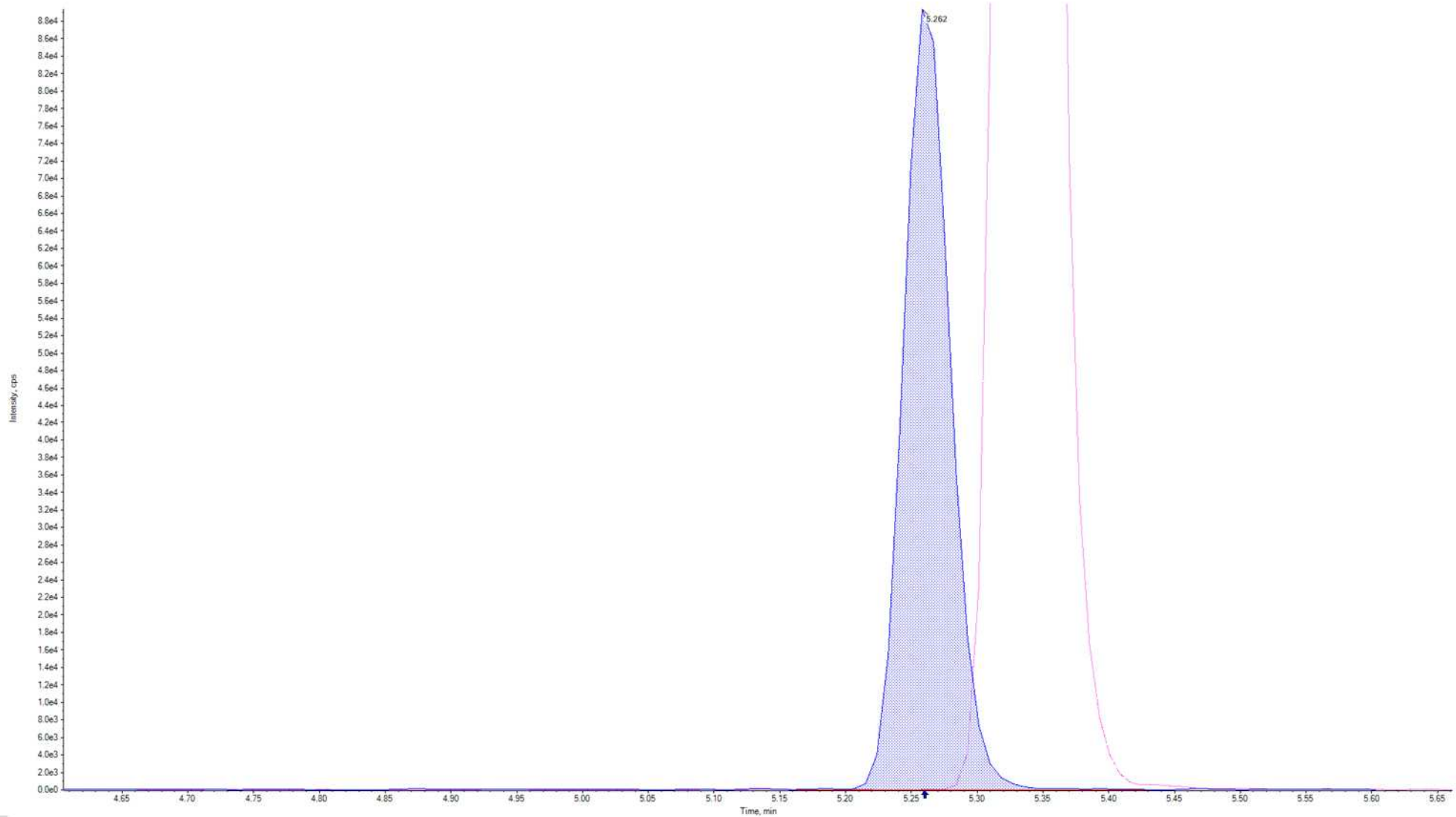
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA
Sample: IA1633STD-1.25 S/N:5792.7 Points Across peak:30



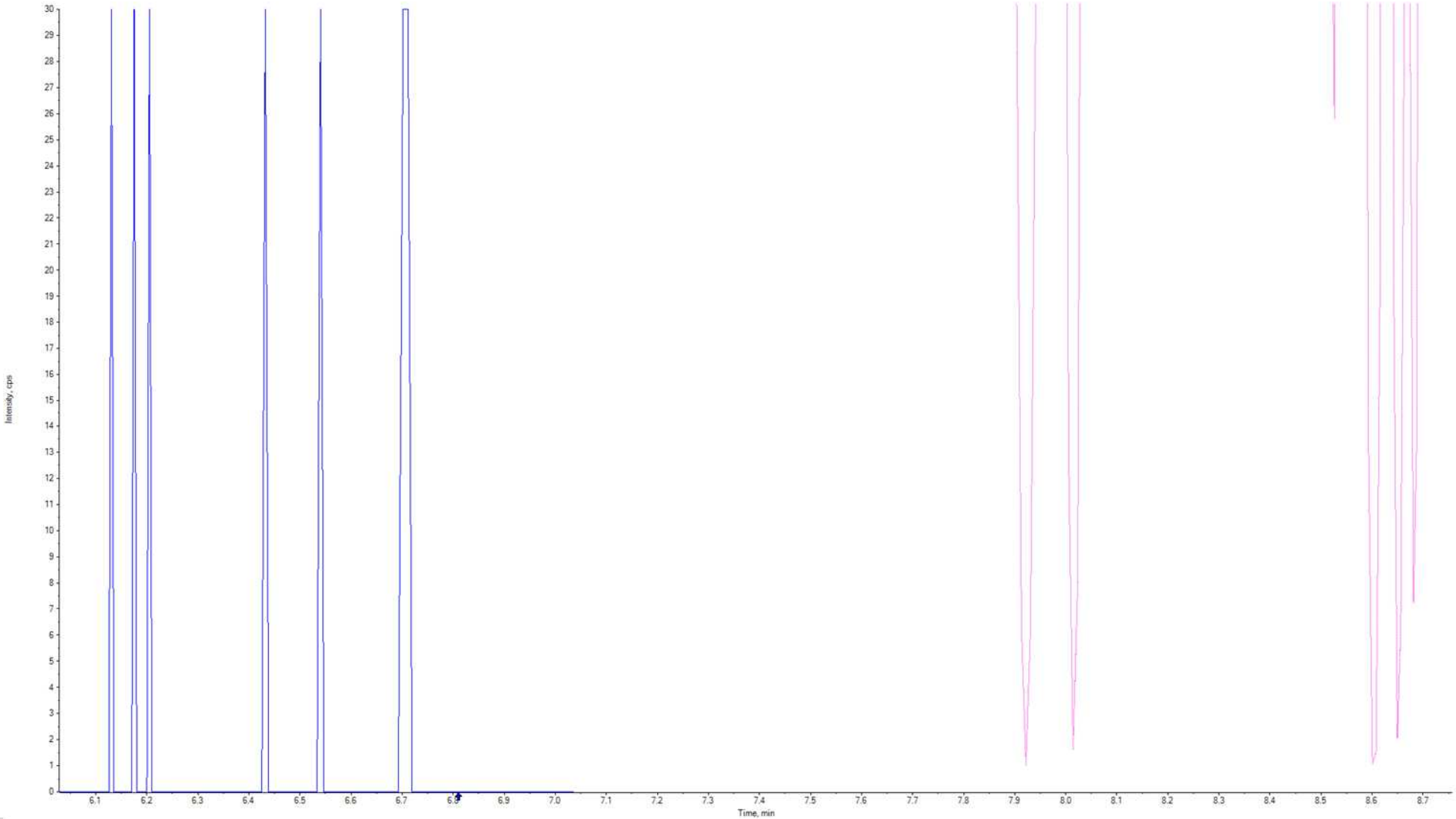
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA_2
Sample: IA1633STD-1.25 S/N:2858.3 Points Across peak:34



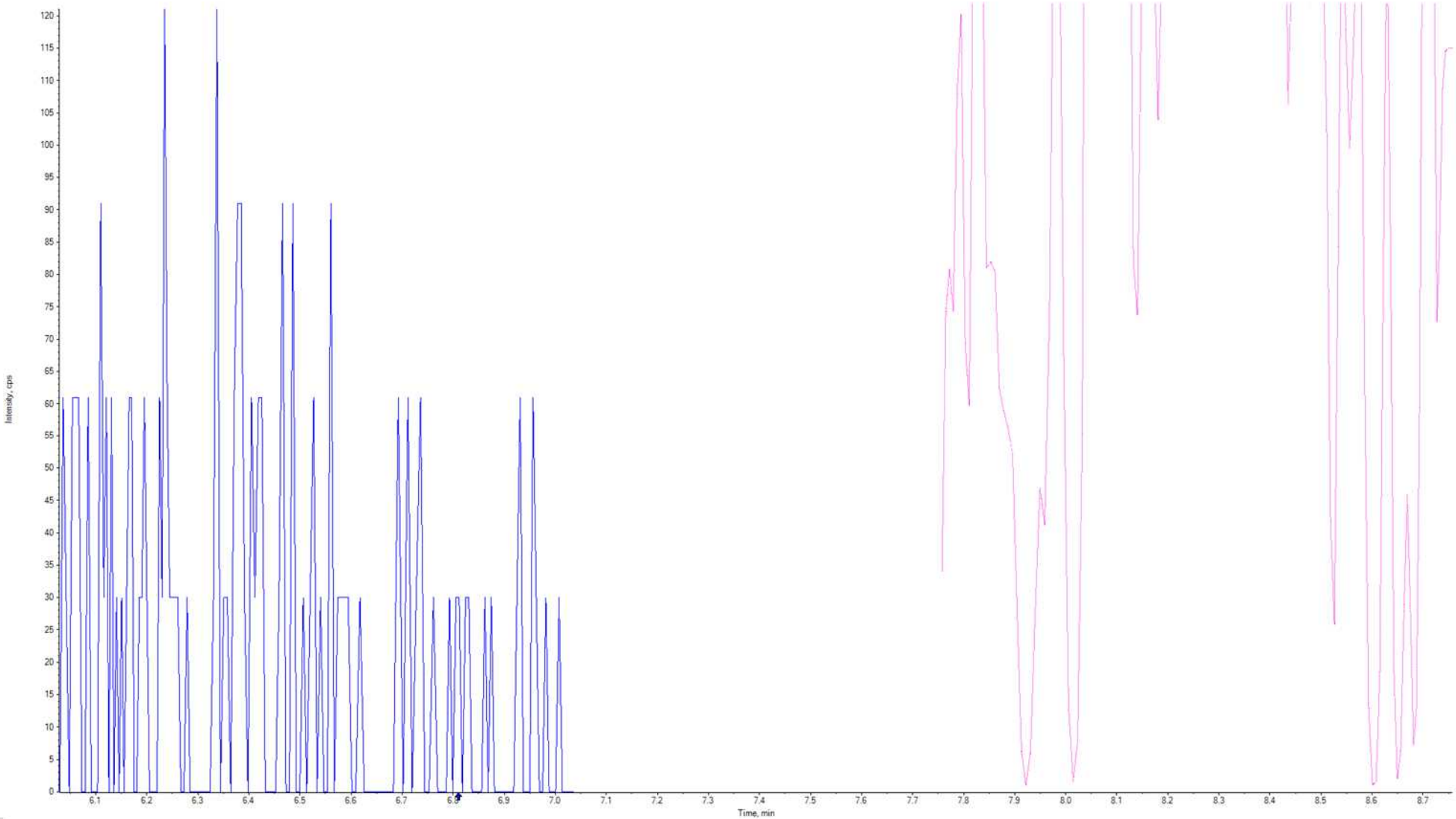
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

TDCA
Sample: IA1633STD-1.25 S/N:N/A Points Across peak:N/A



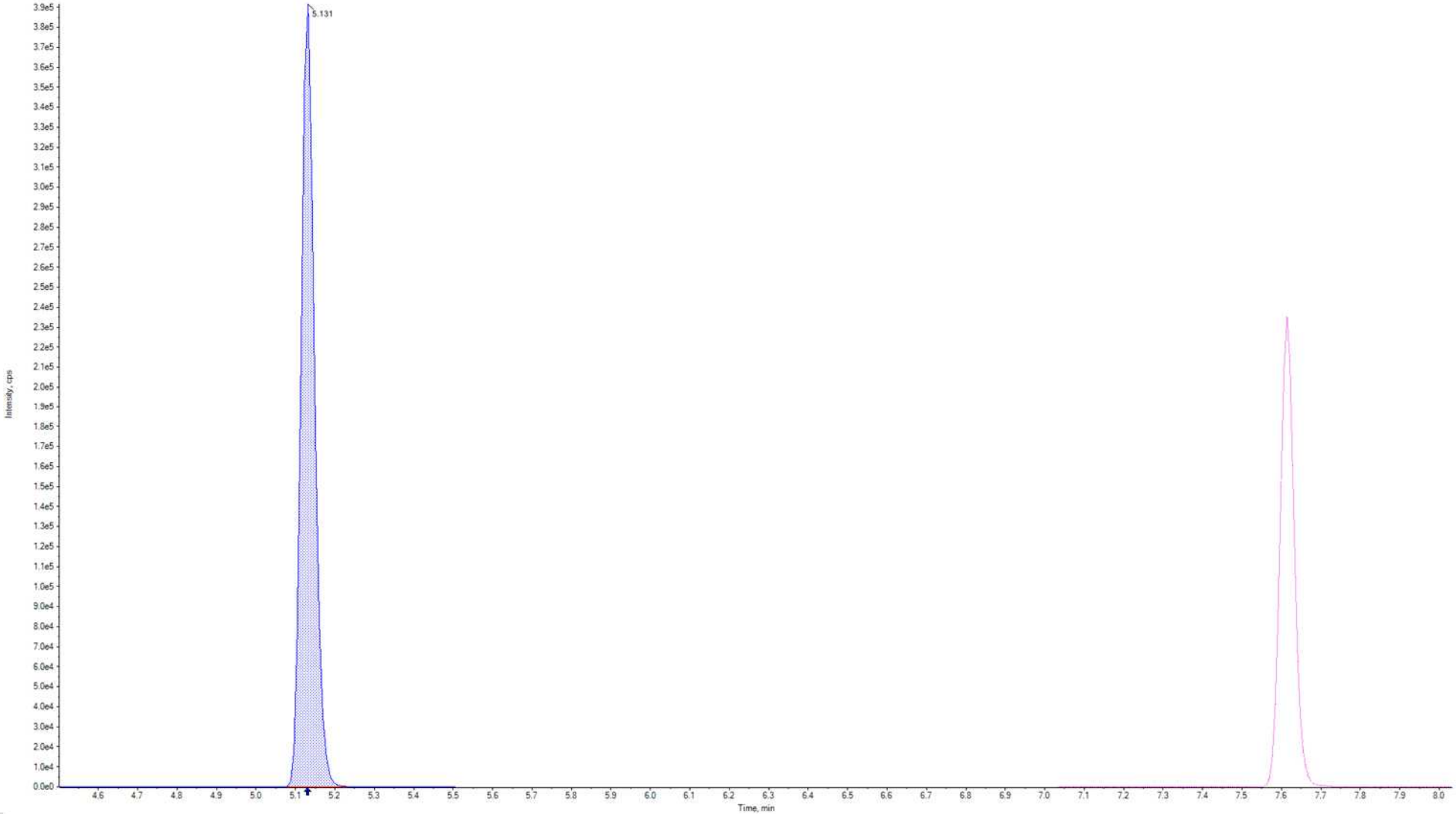
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

TDCA_2
Sample: IA1633STD-1.25 S/N:N/A Points Across peak:N/A



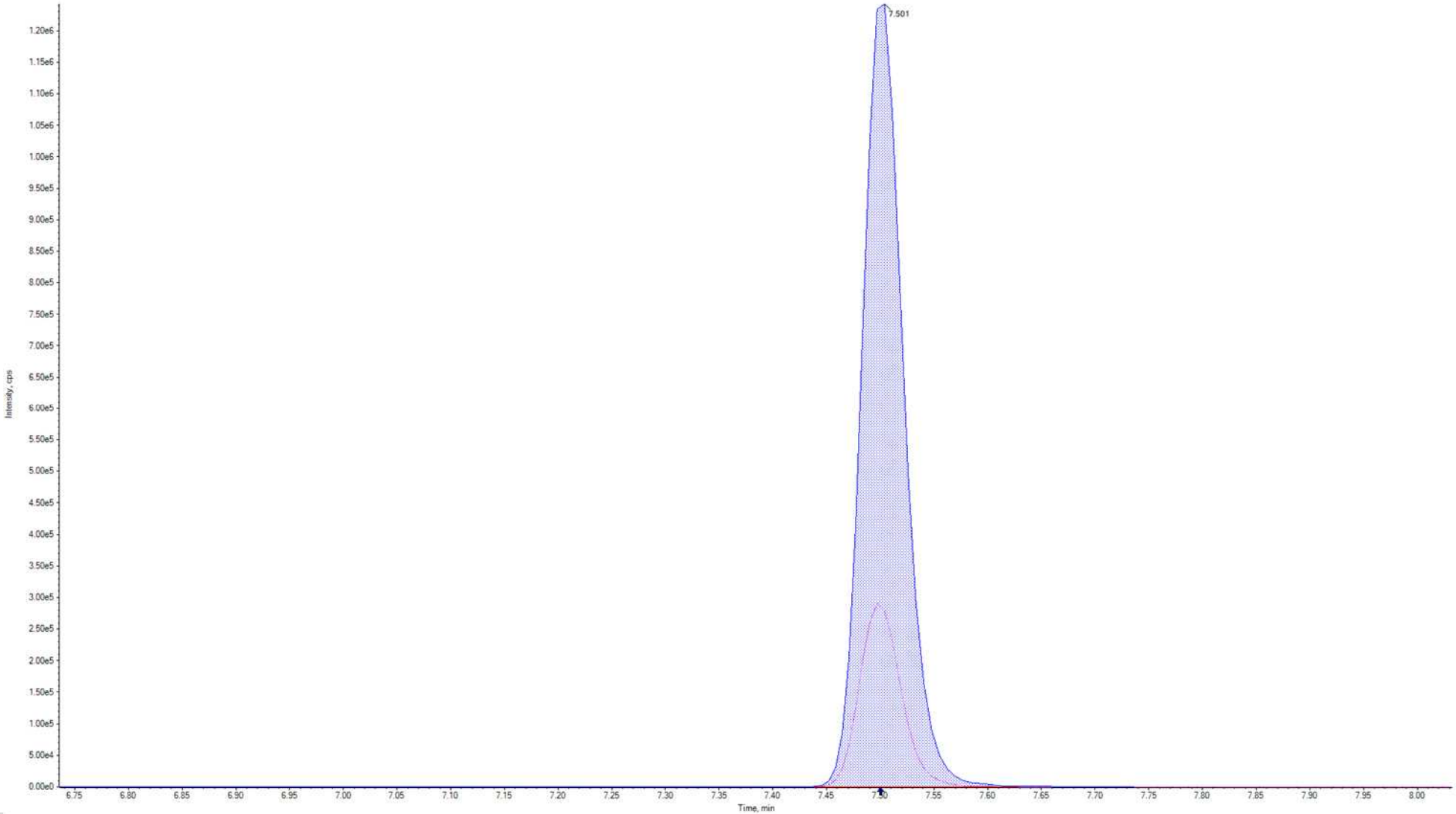
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

13C2D4-4:2FTS
Sample: IA1633STD-1.25 S/N:178276.9 Points Across peak:25

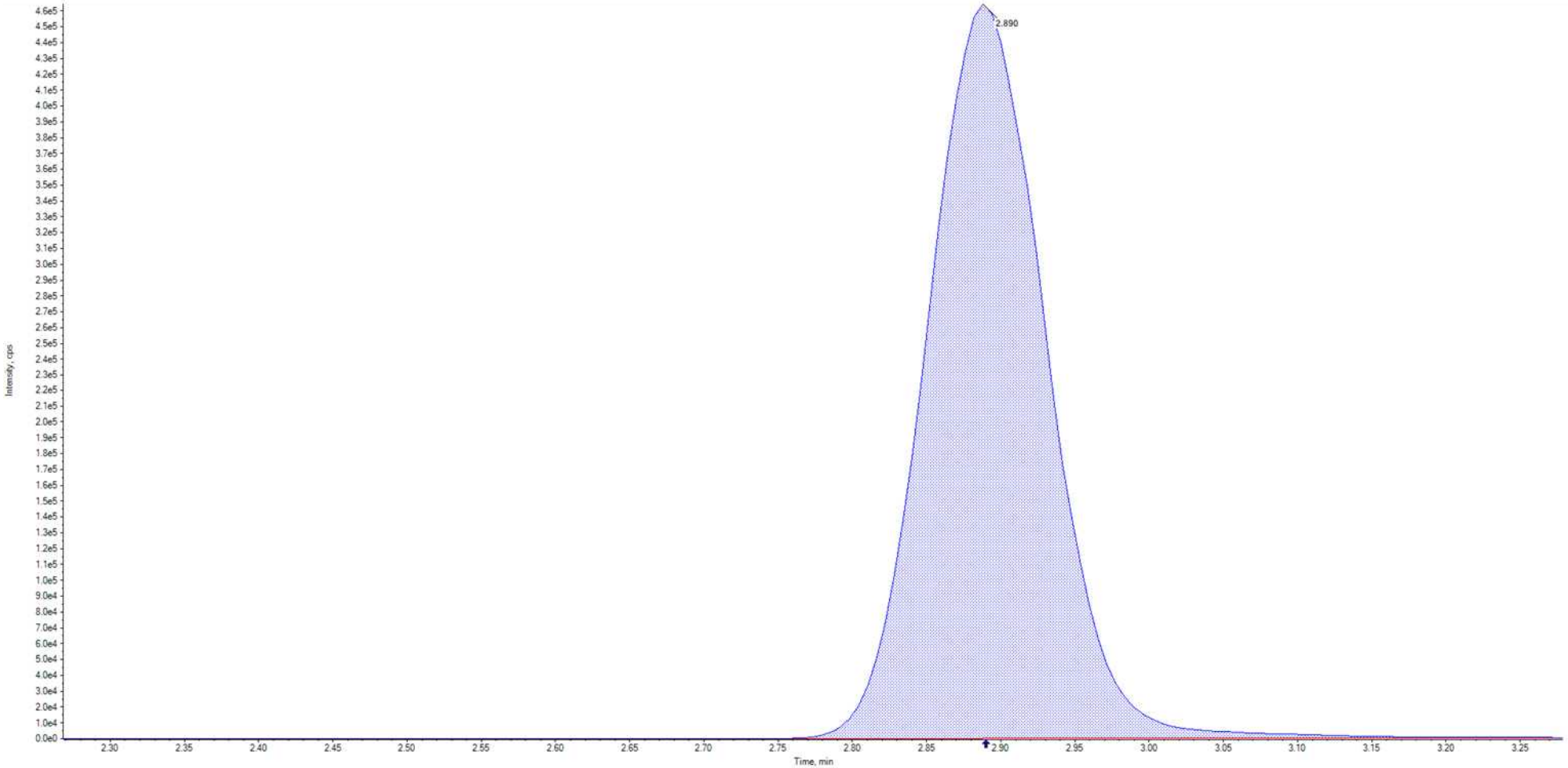


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

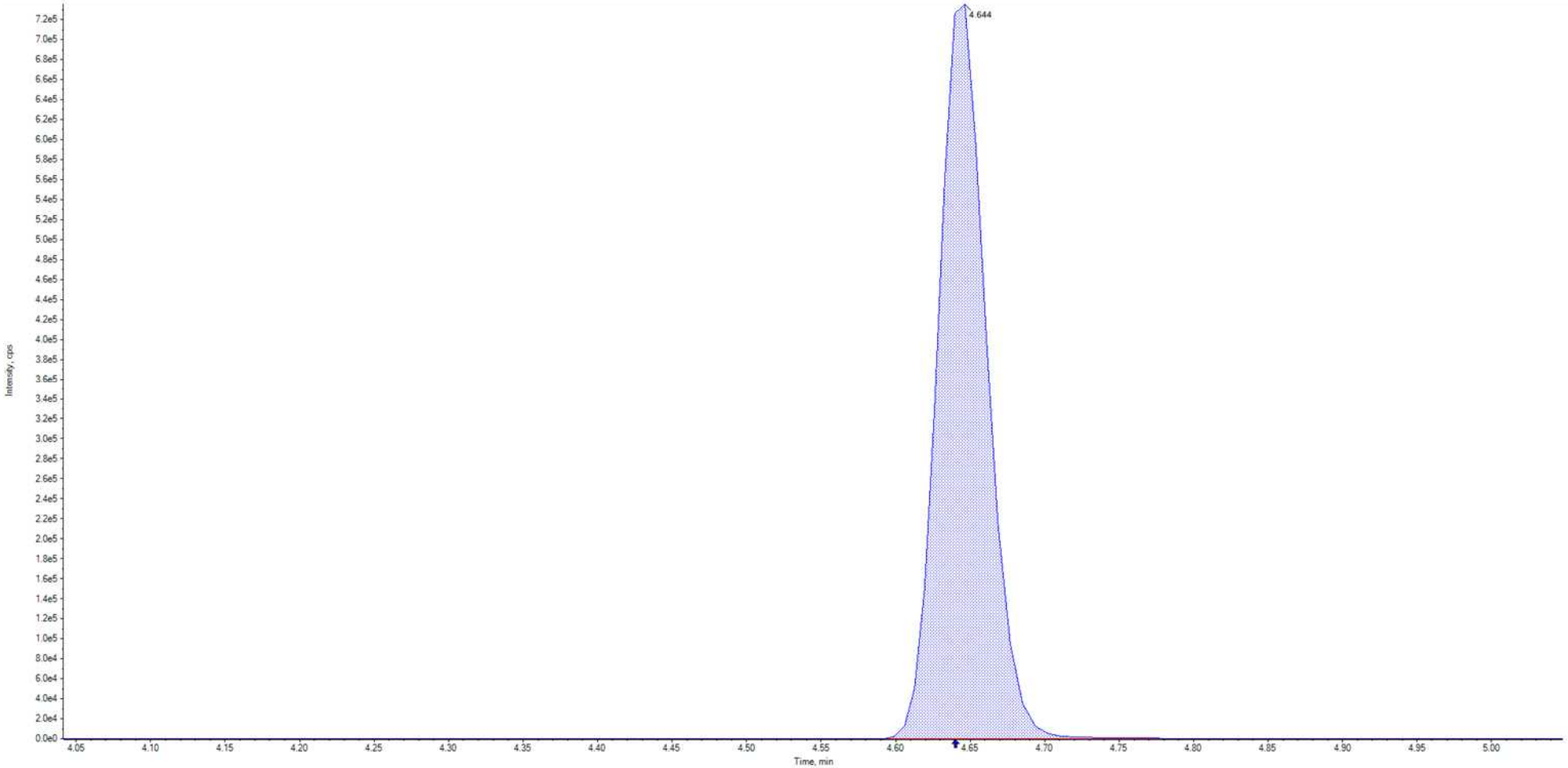
13C2-PFOA
Sample: IA1633STD-1.25 S/N:92469372.6 Points Across peak:33



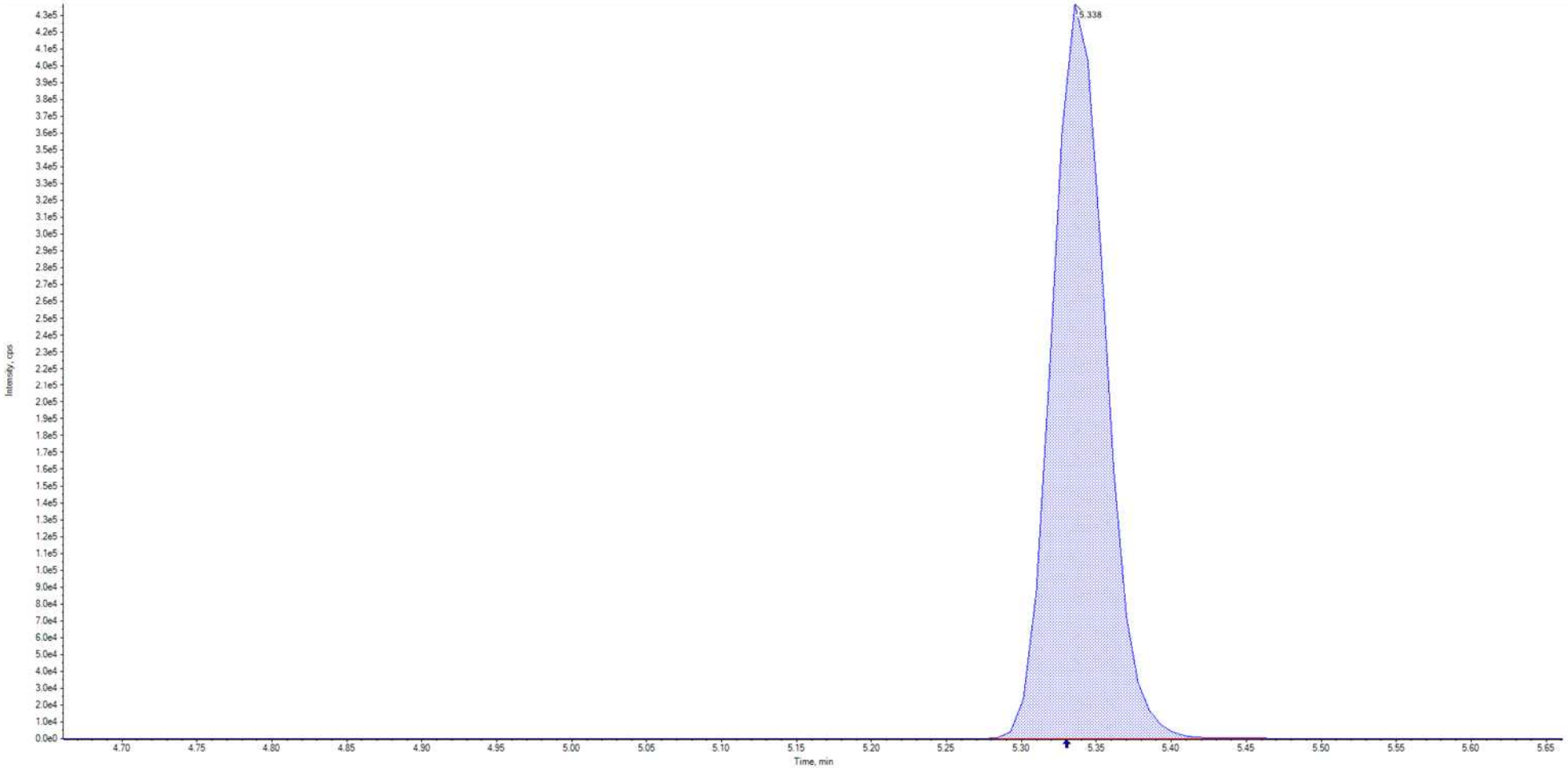
13C4-PFBA
Sample: IA1633STD-1.25



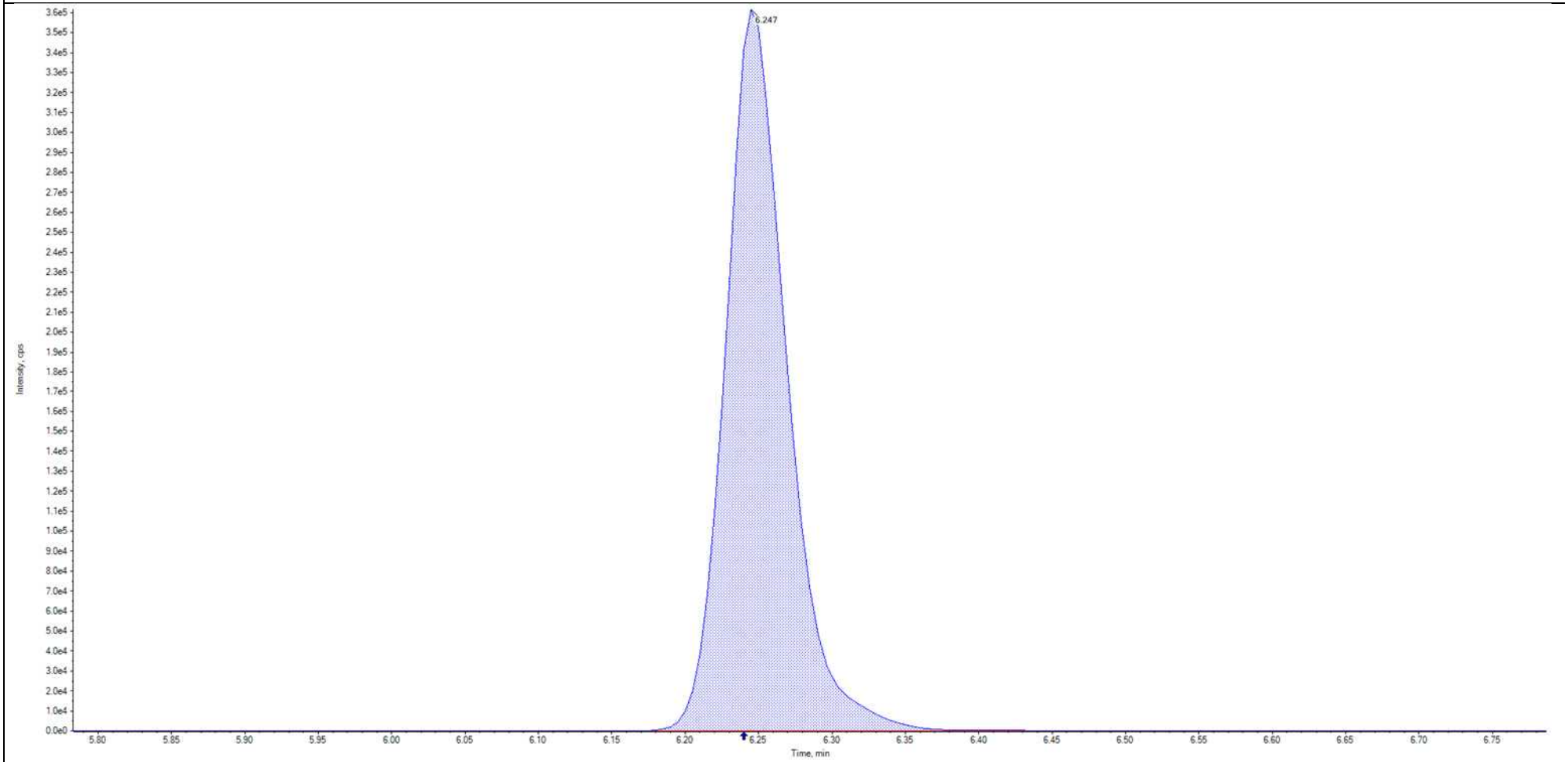
13C5-PFPeA
Sample: IA1633STD-1.25



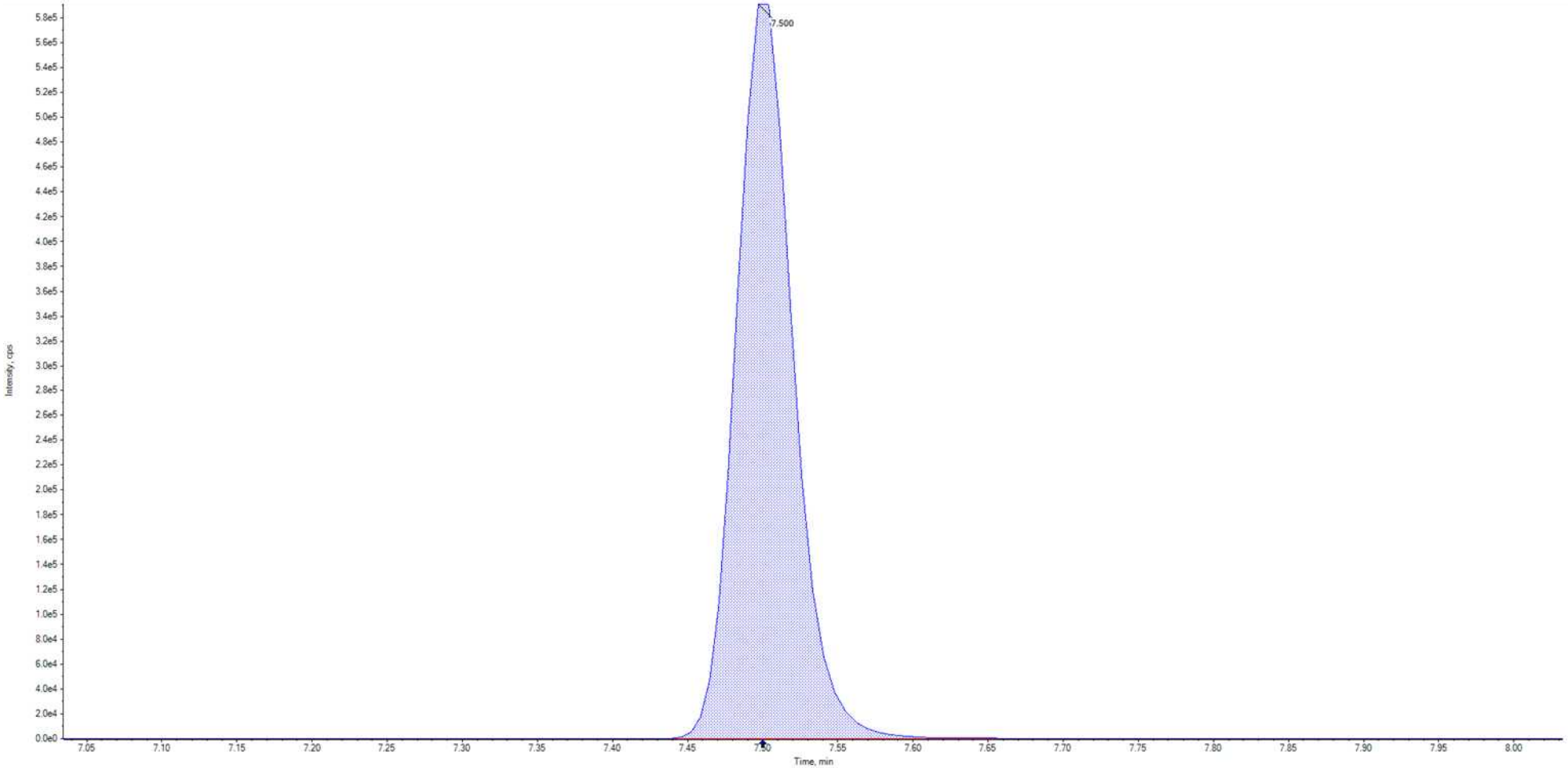
13C5-PFHxA
Sample: IA1633STD-1.25



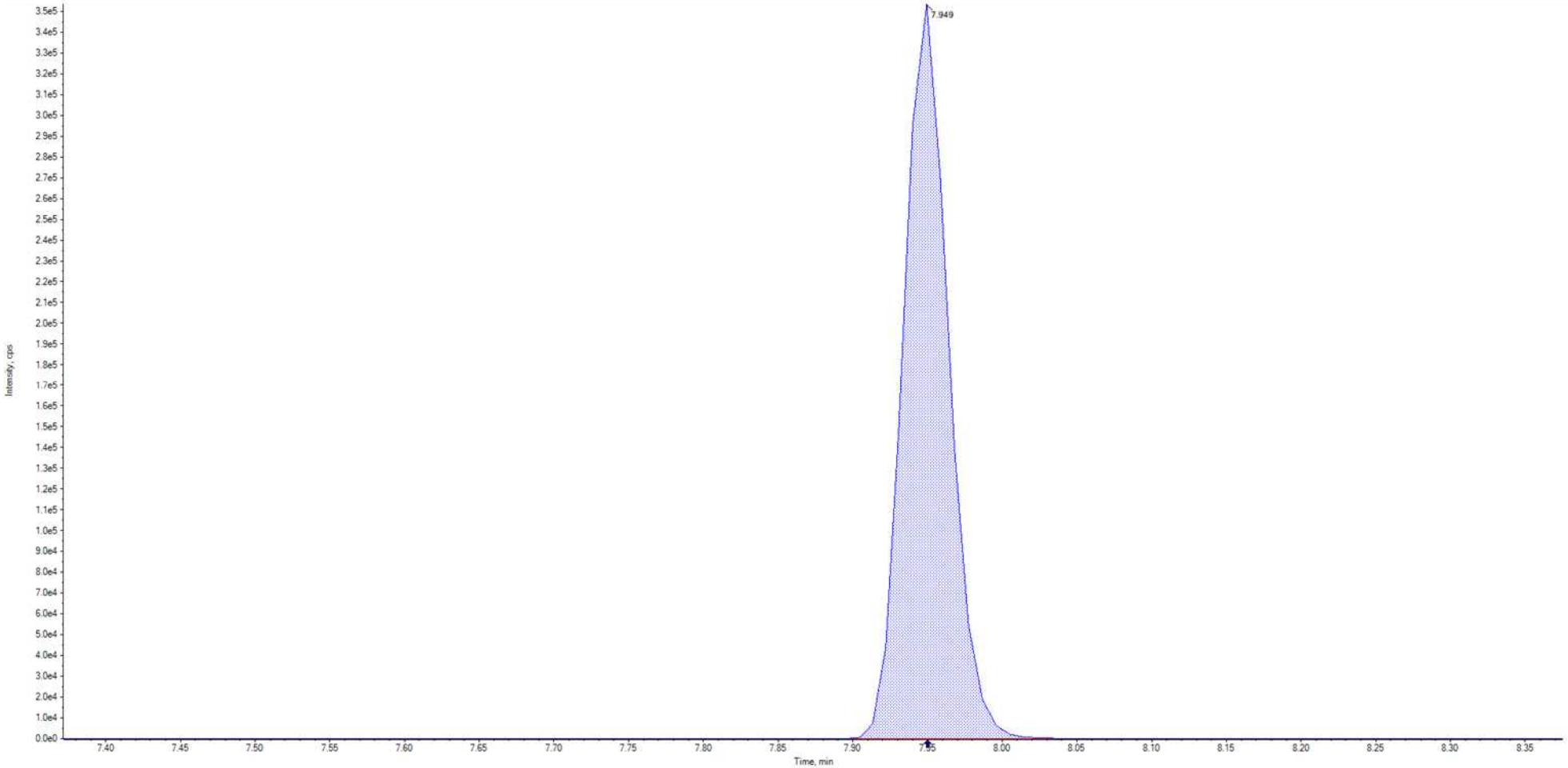
13C4-PFHpA
Sample: IA1633STD-1.25



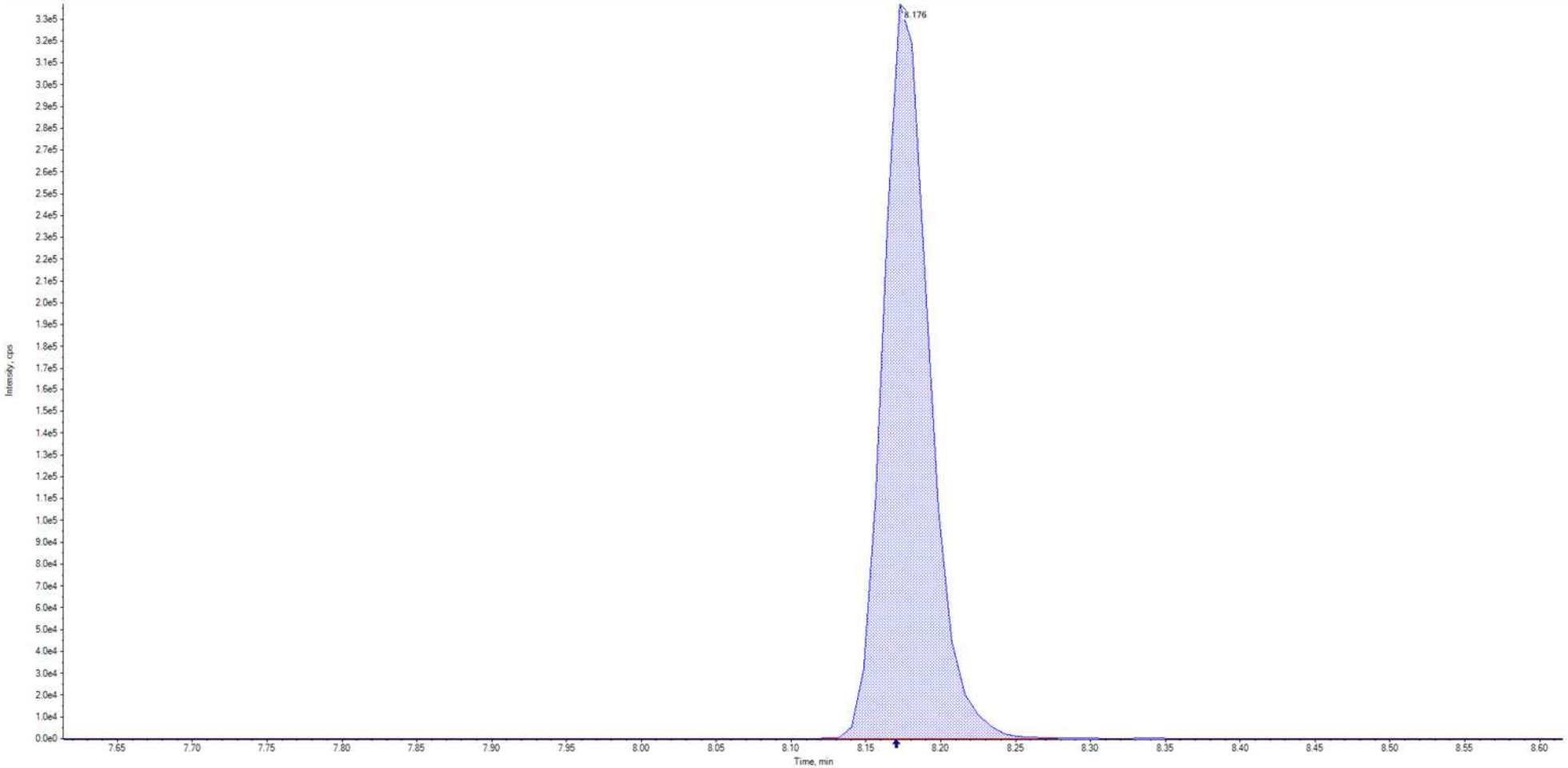
13C8-PFOA
Sample: IA1633STD-1.25



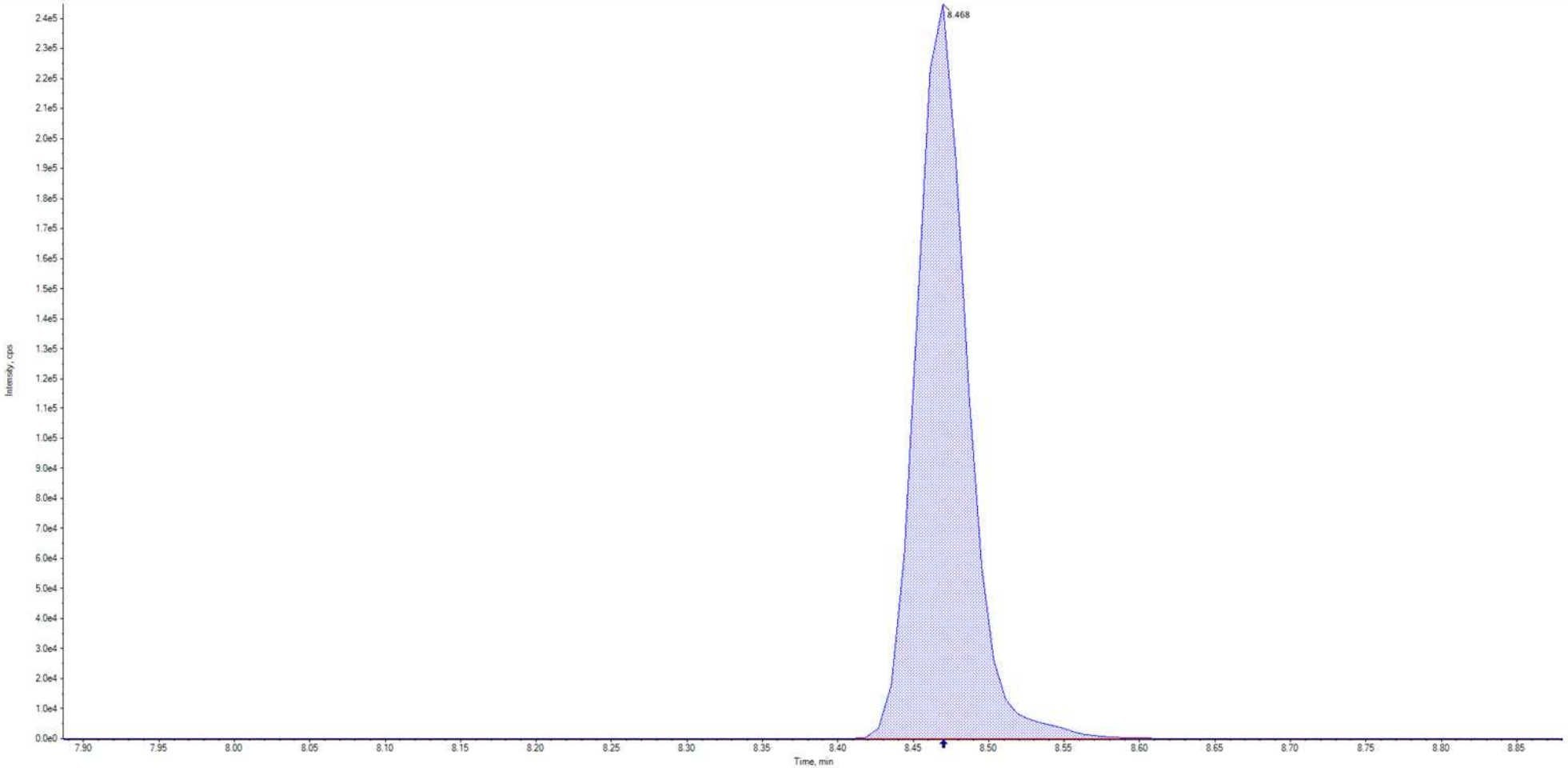
13C9-PFNA
Sample: IA1633STD-1.25



13C6-PFDA
Sample: IA1633STD-1.25

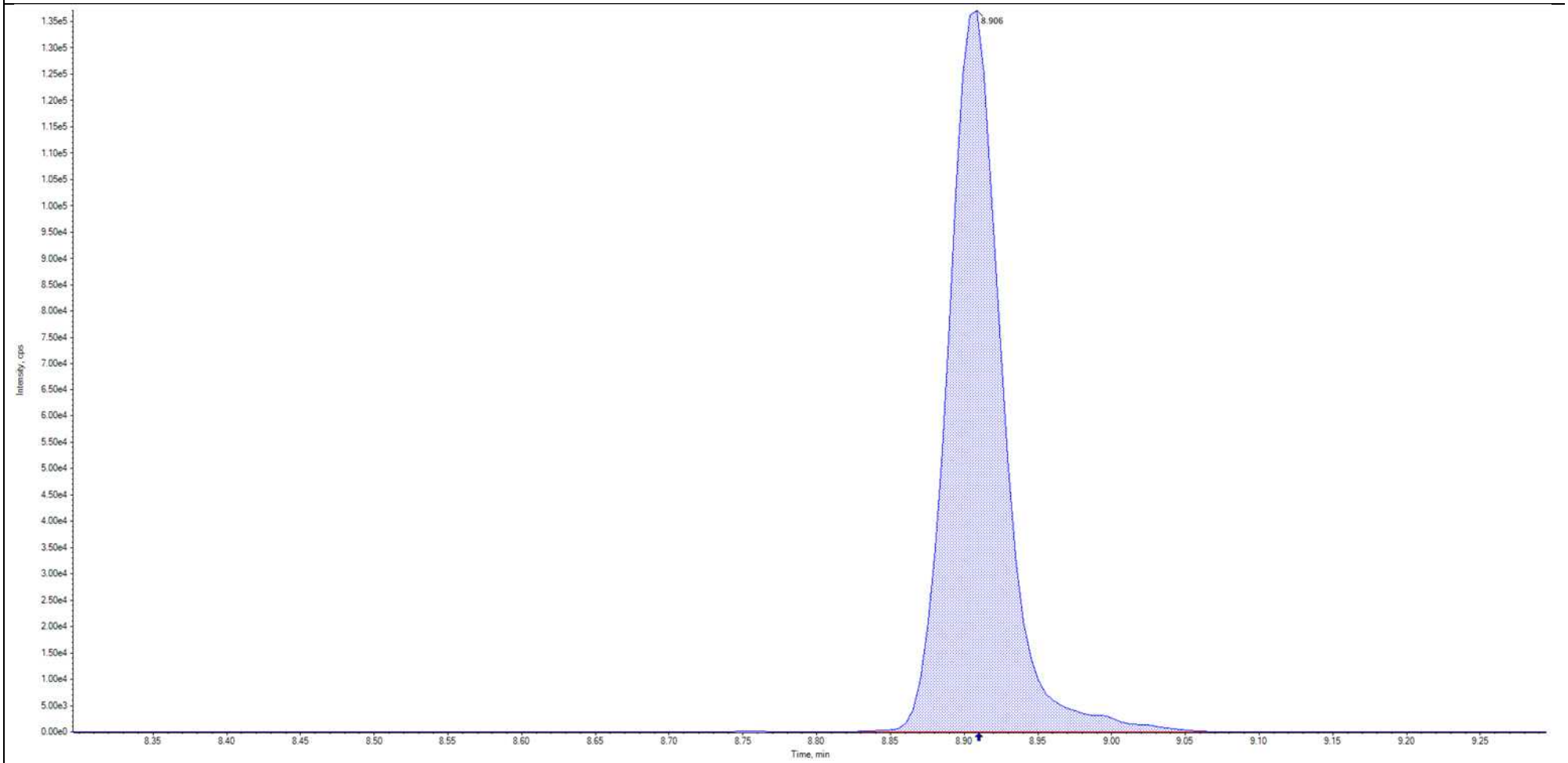


13C7-PFUnA
Sample: IA1633STD-1.25

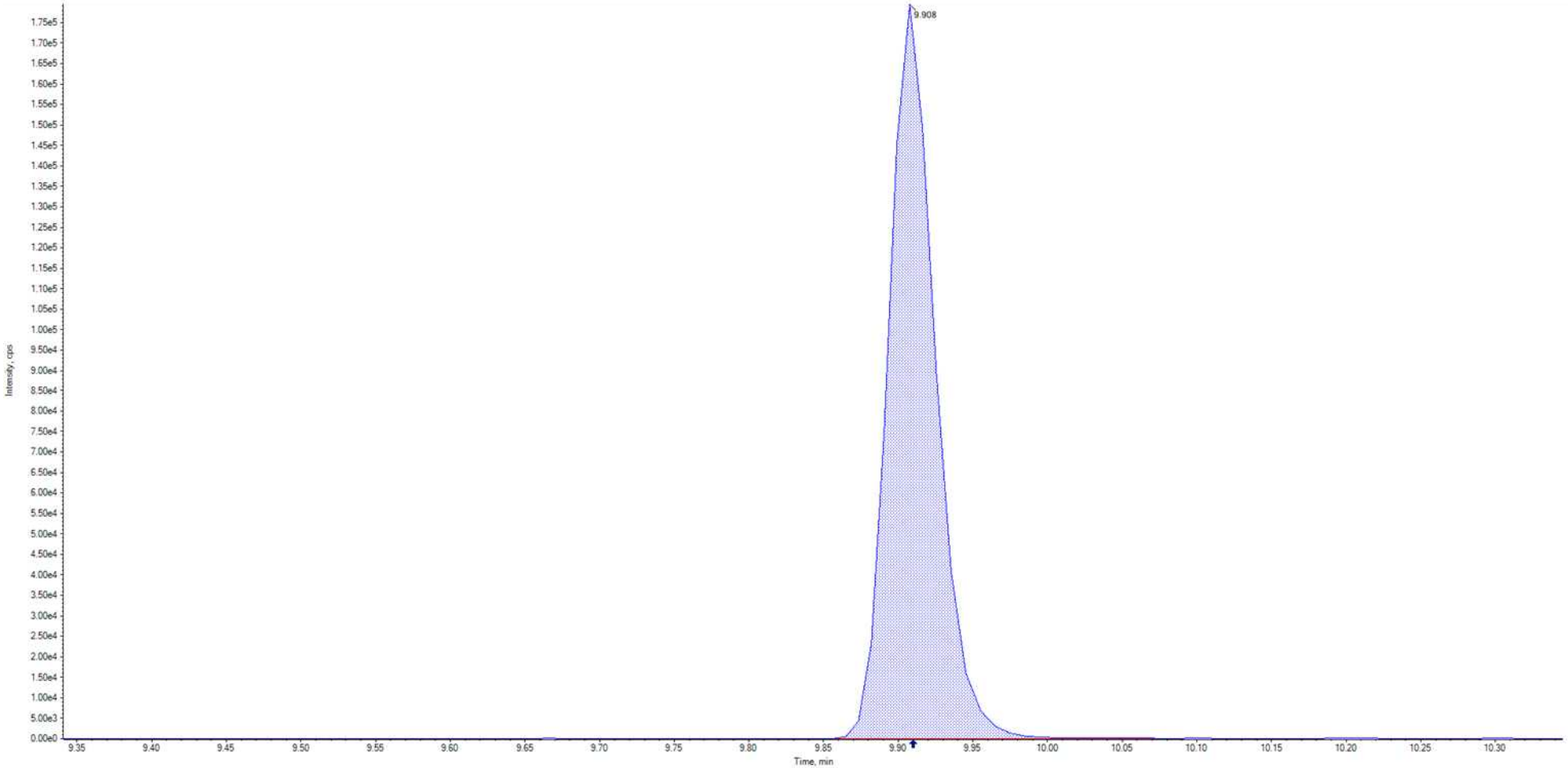


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
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Generated: 8/14/2024 6:27:11 AM

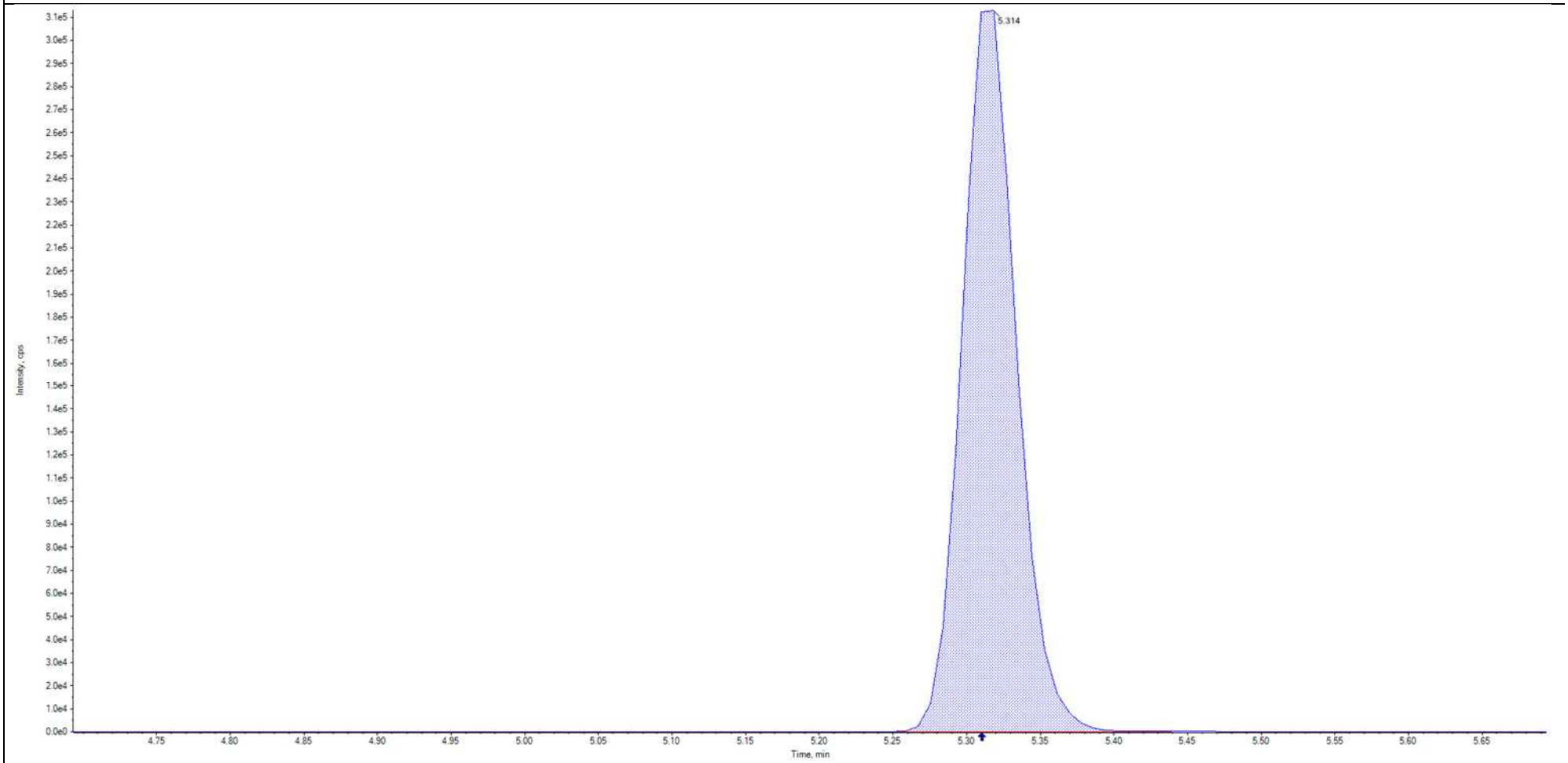
13C2-PFDoA
Sample: IA1633STD-1.25



13C2-PFTeDA
Sample: IA1633STD-1.25

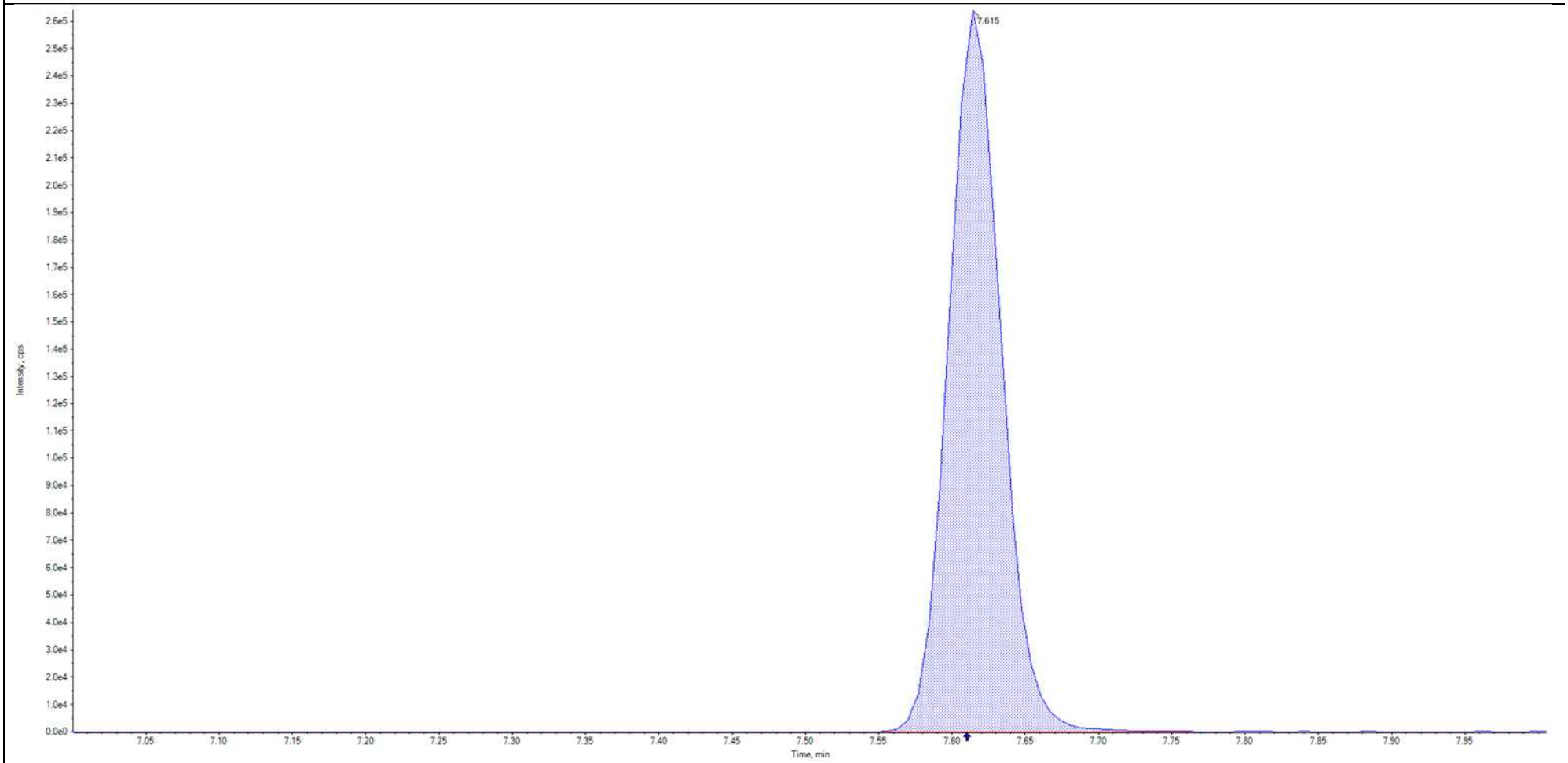


13C3-PFBS
Sample: IA1633STD-1.25

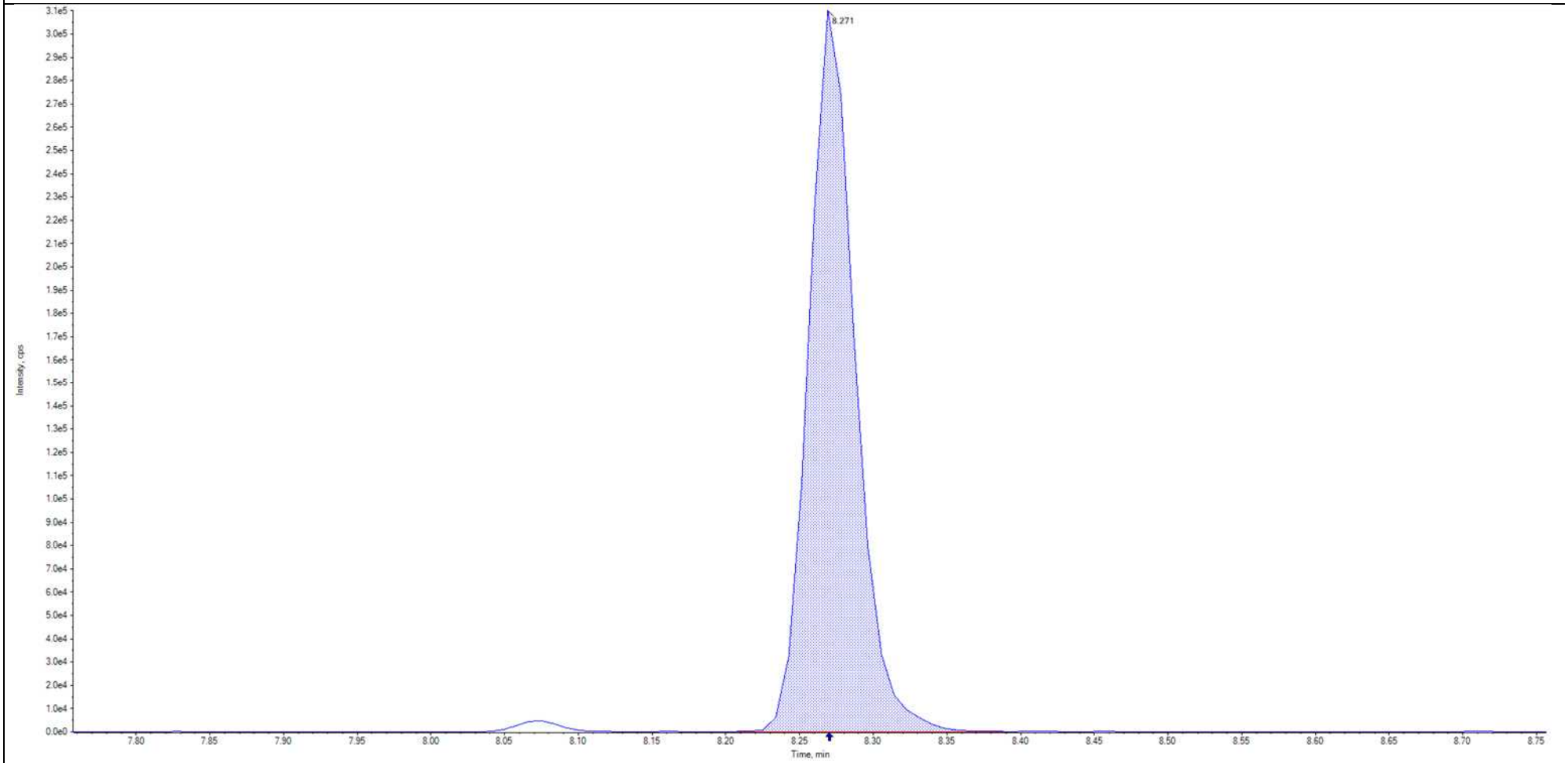


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_74.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

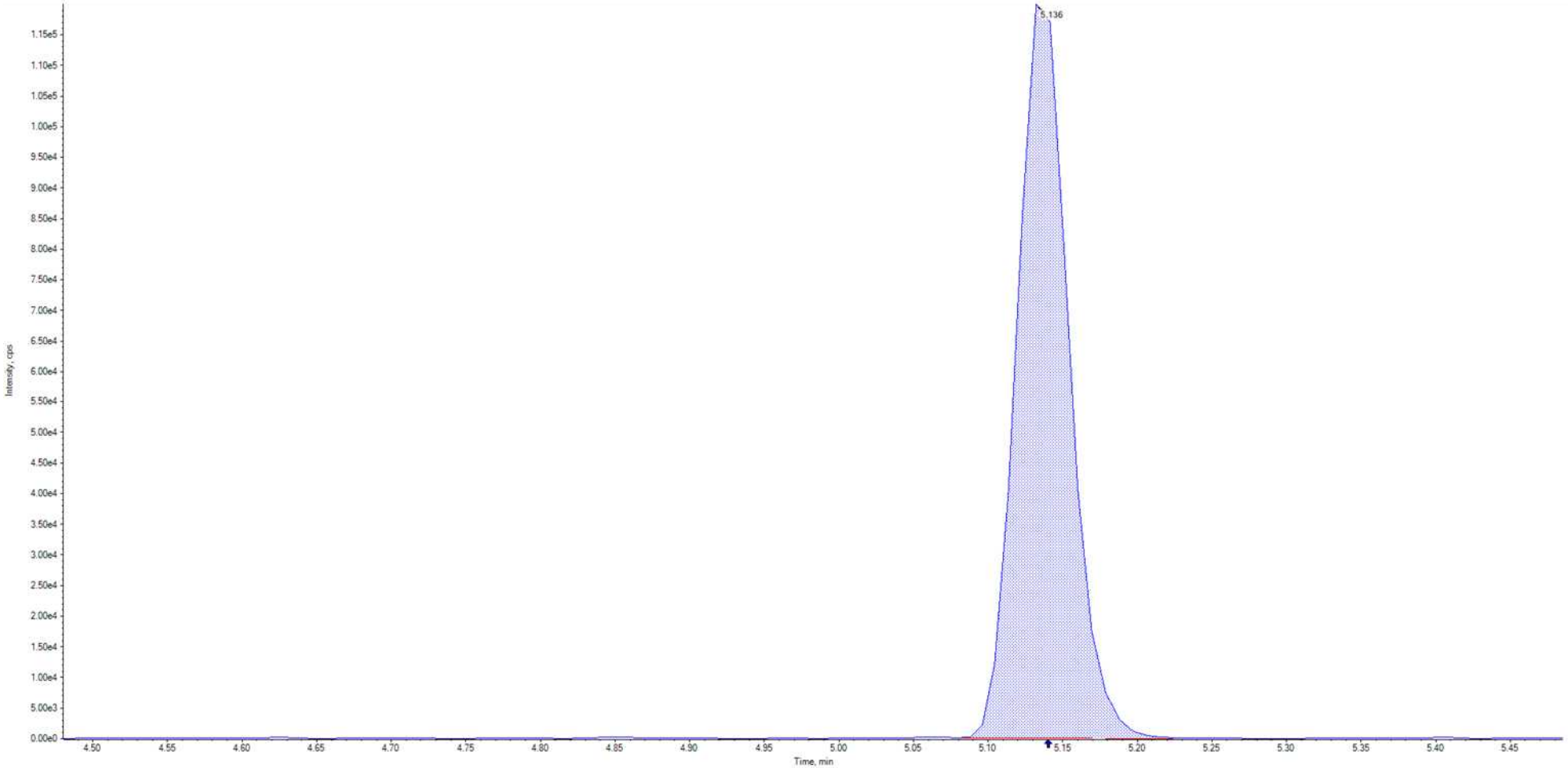
13C3-PFHxS
Sample: IA1633STD-1.25



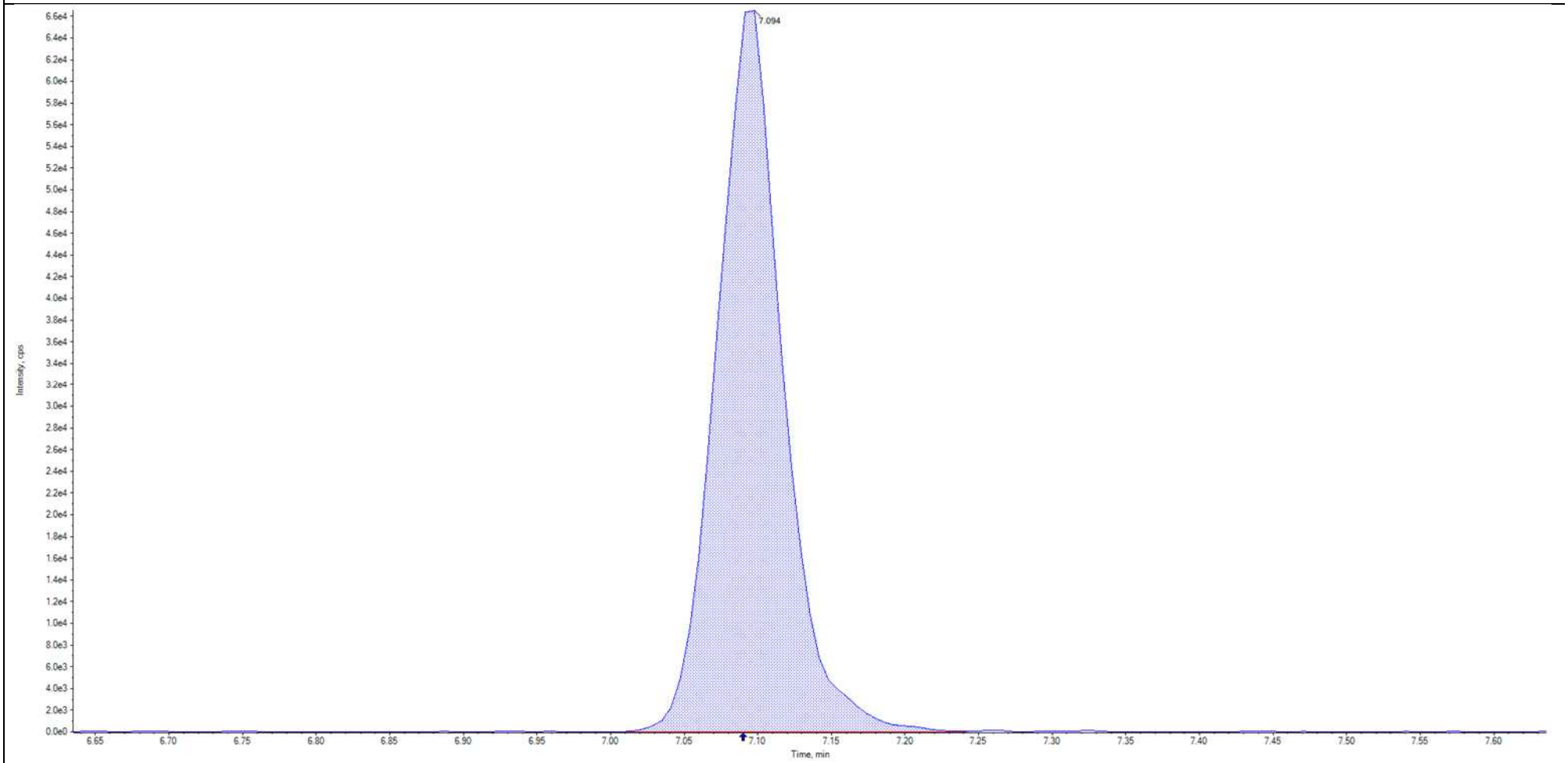
13C8-PFOS
Sample: IA1633STD-1.25



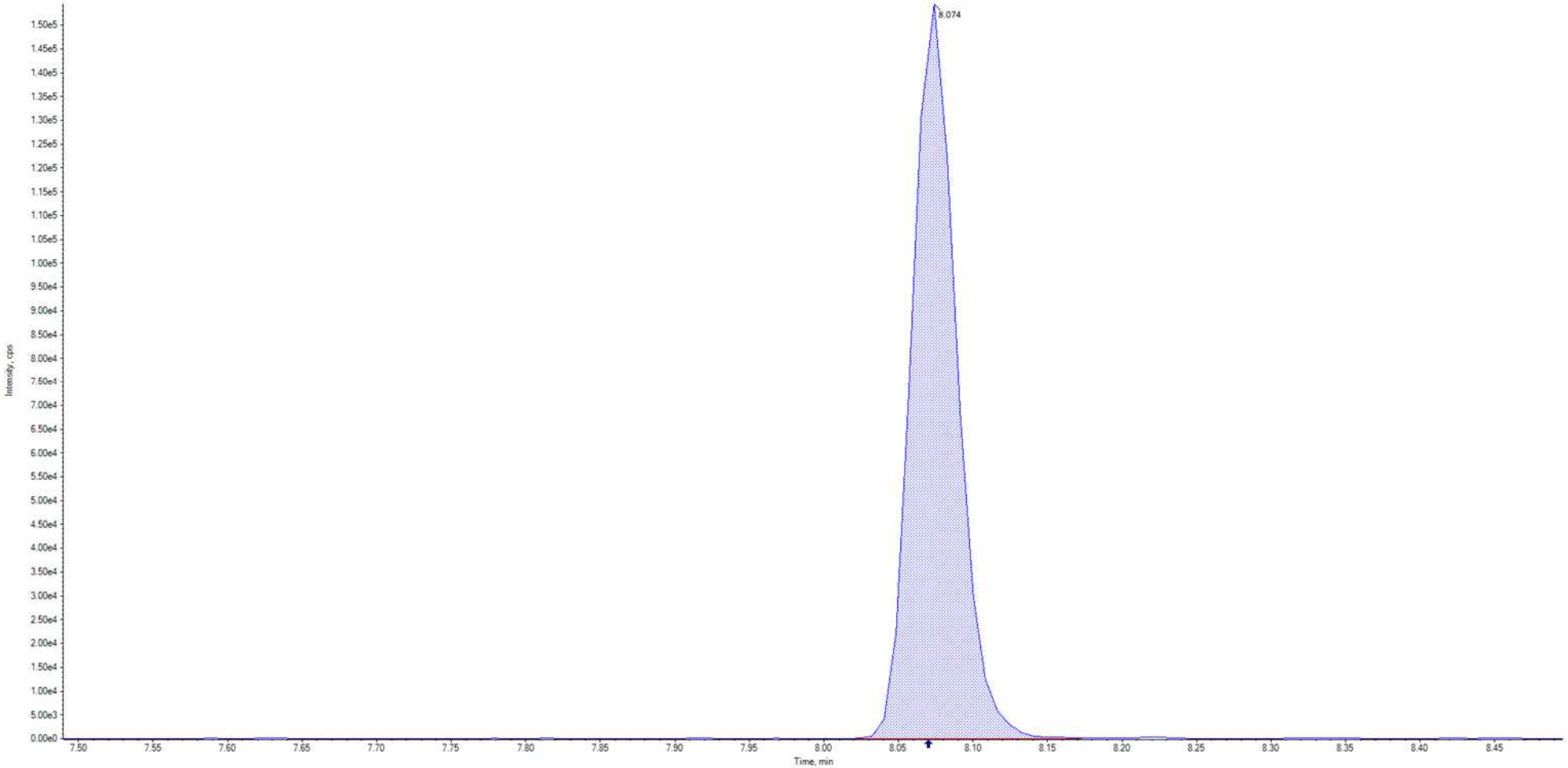
13C2-4:2FTS
Sample: IA1633STD-1.25



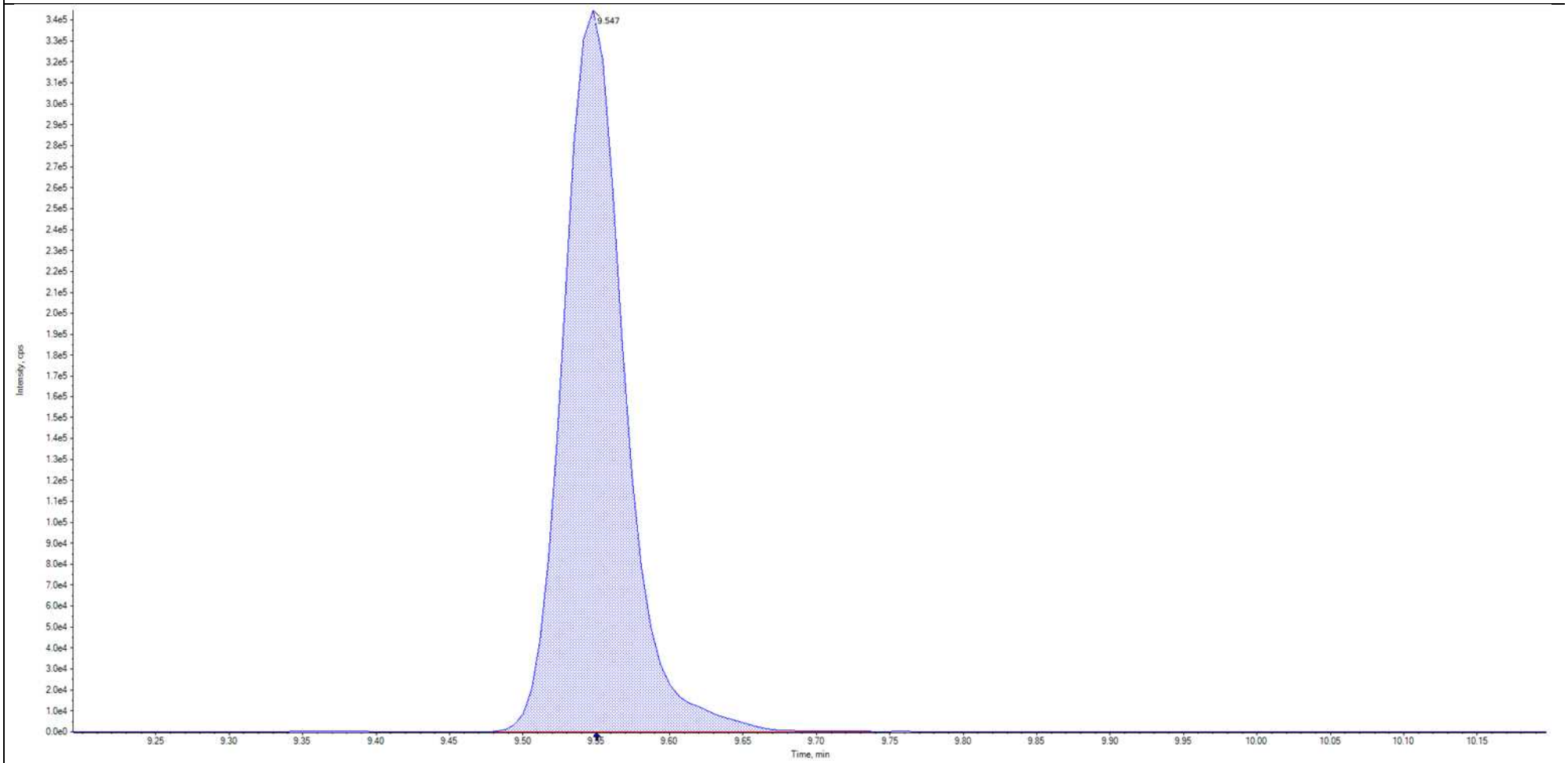
13C2-6:2FTS
Sample: IA1633STD-1.25



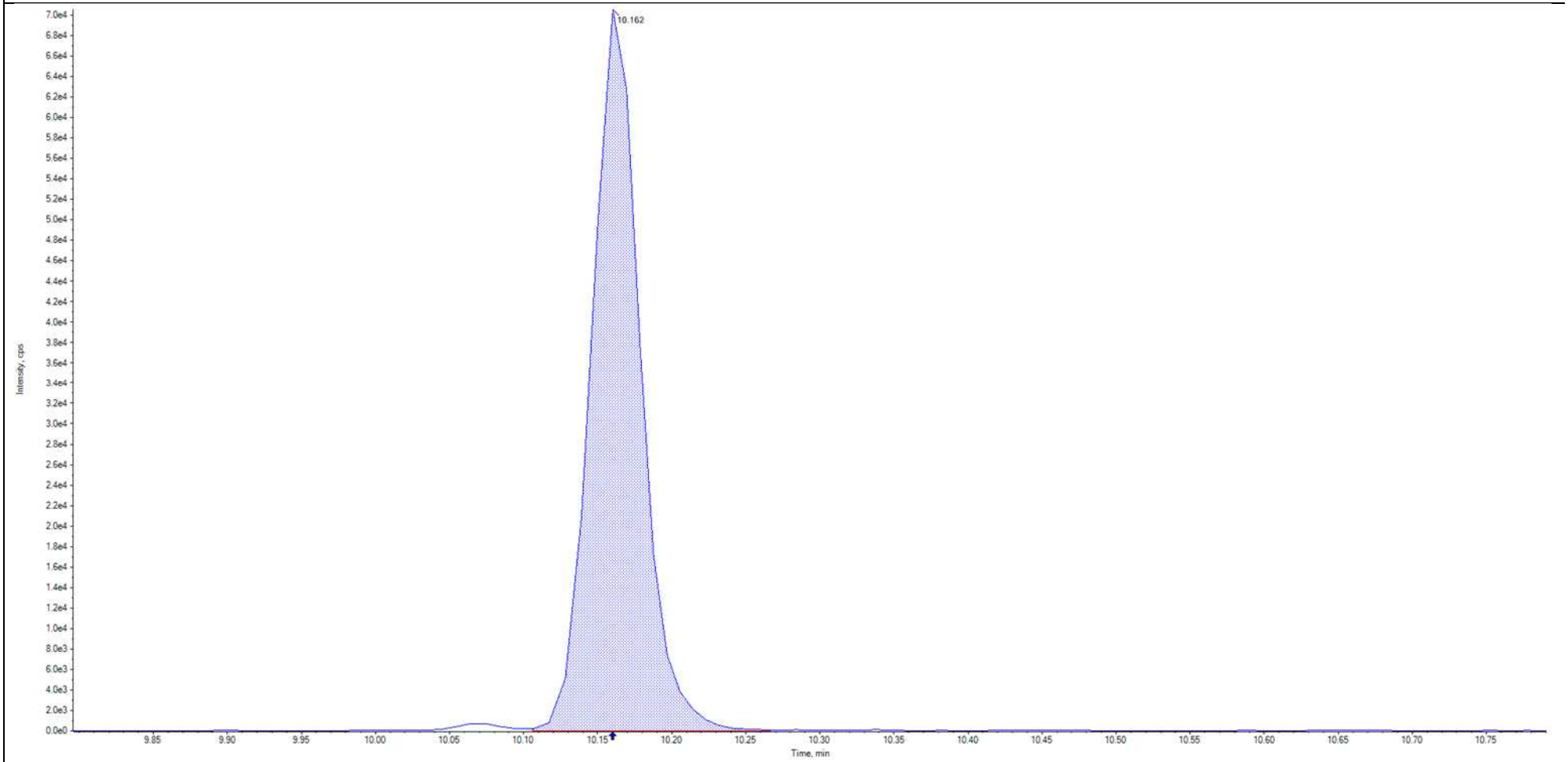
13C2-8:2FTS
Sample: IA1633STD-1.25



13C8-PFOSA
Sample: IA1633STD-1.25

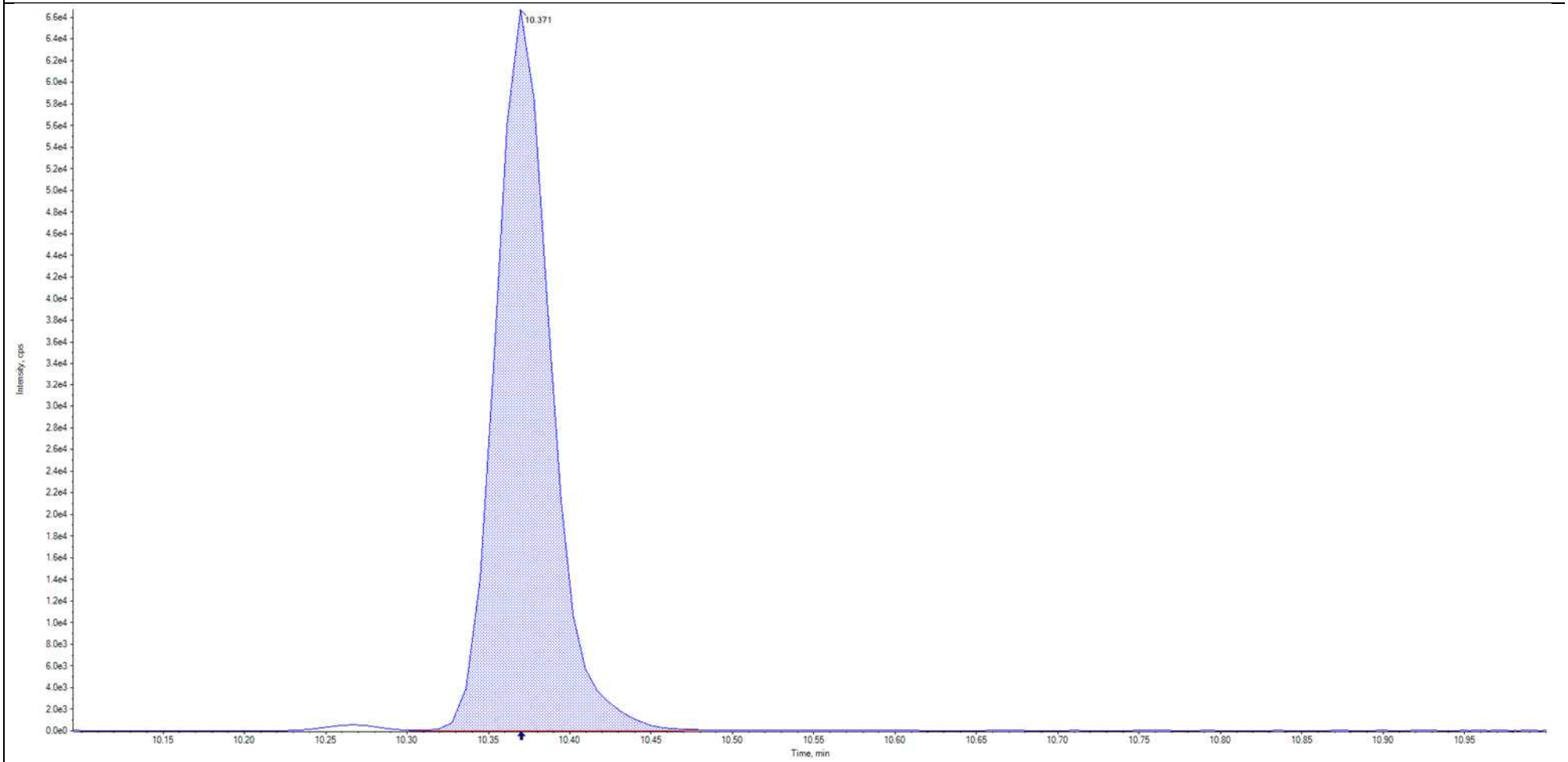


d3-NMeFOSA
Sample: IA1633STD-1.25

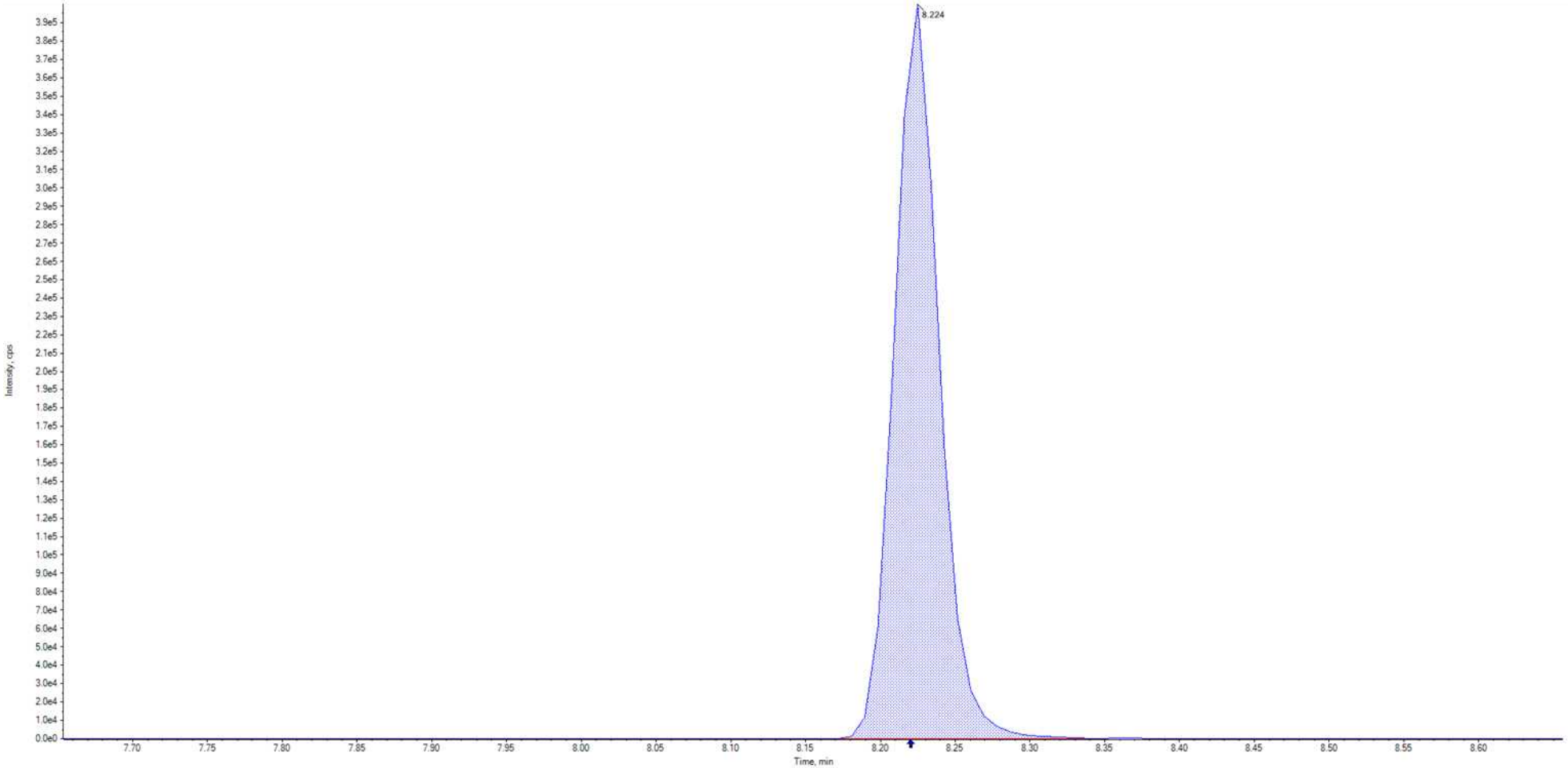


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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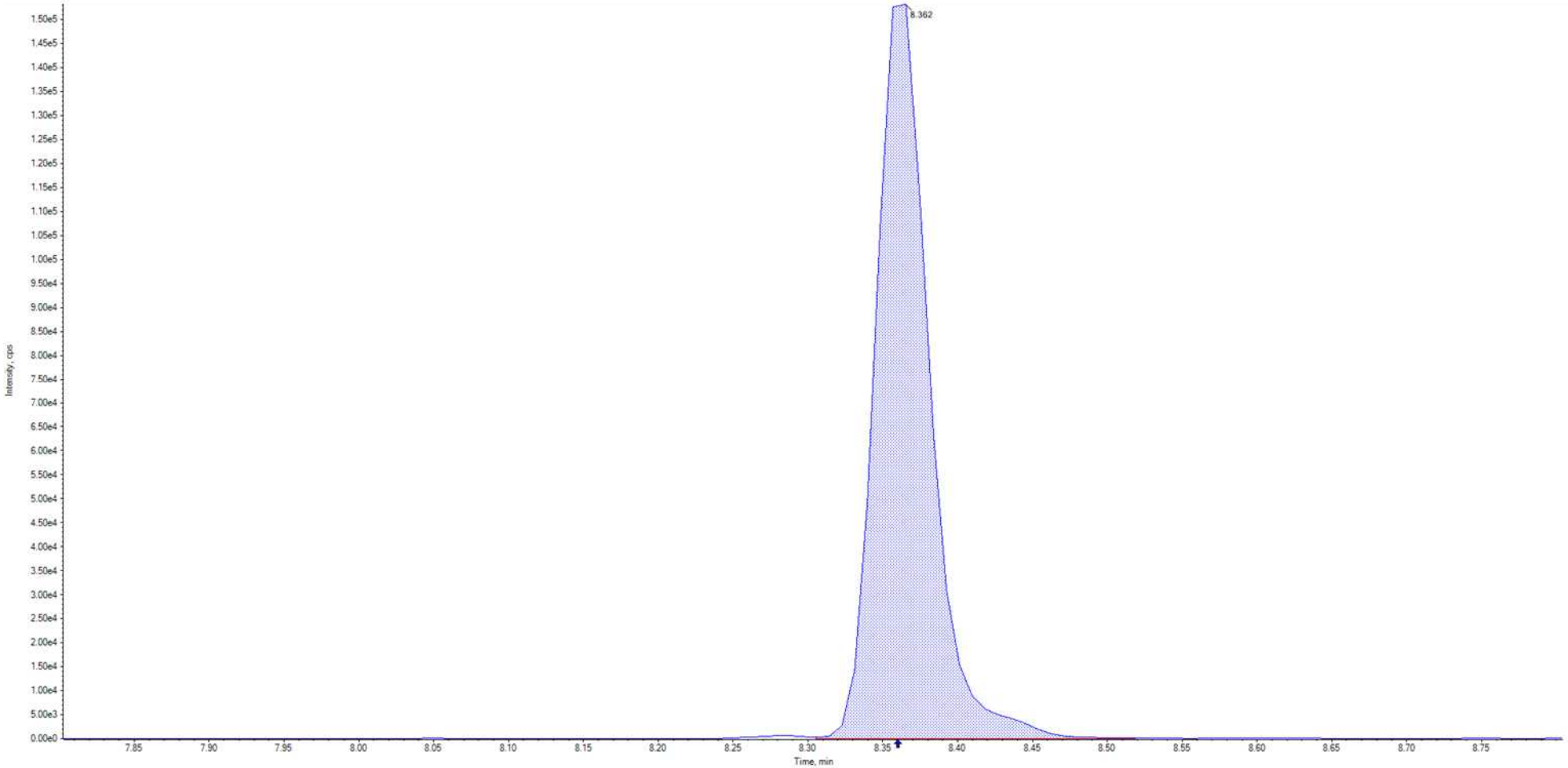
d5-NEtFOSA
Sample: IA1633STD-1.25



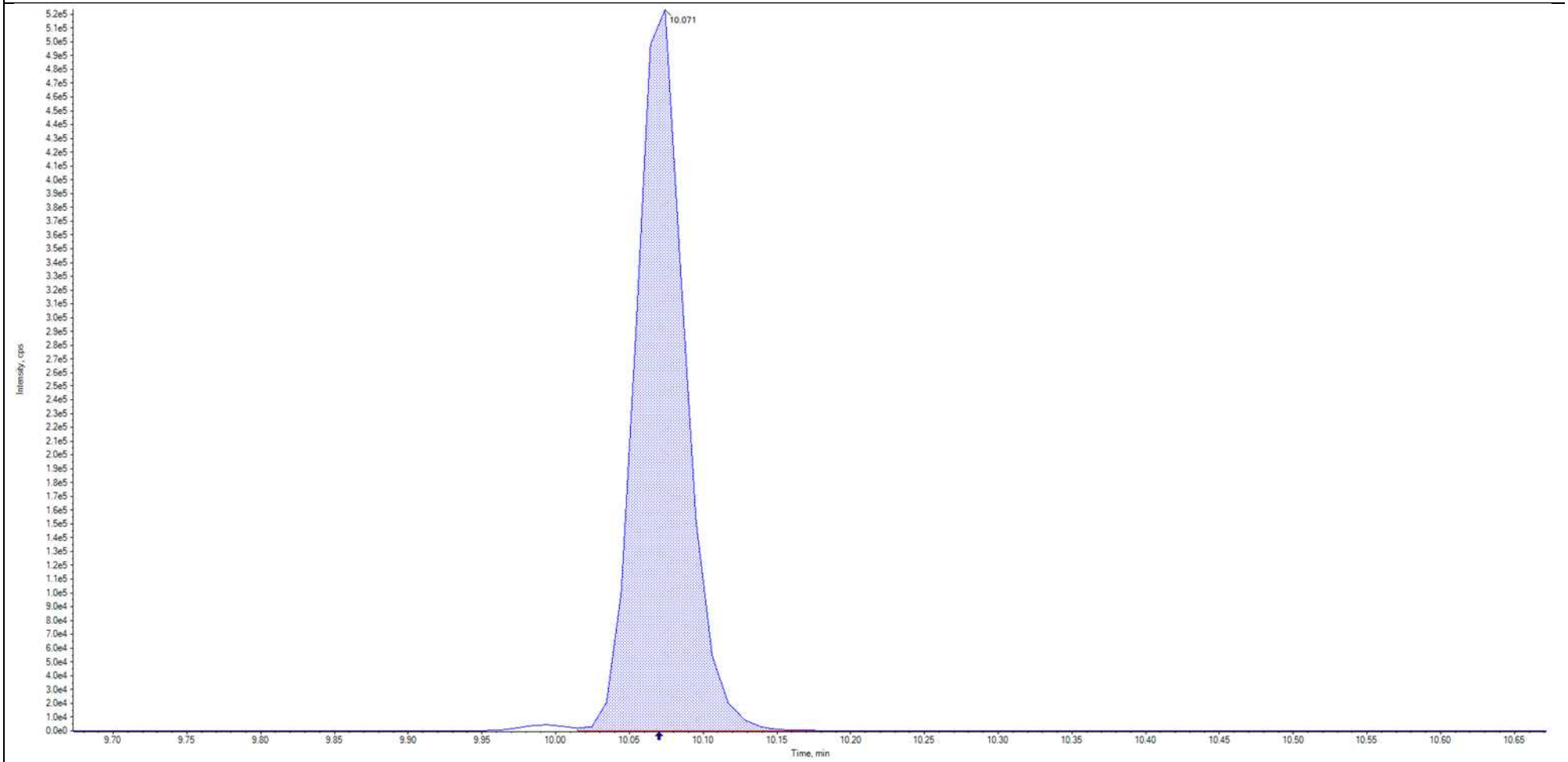
d3-NMeFOSAA
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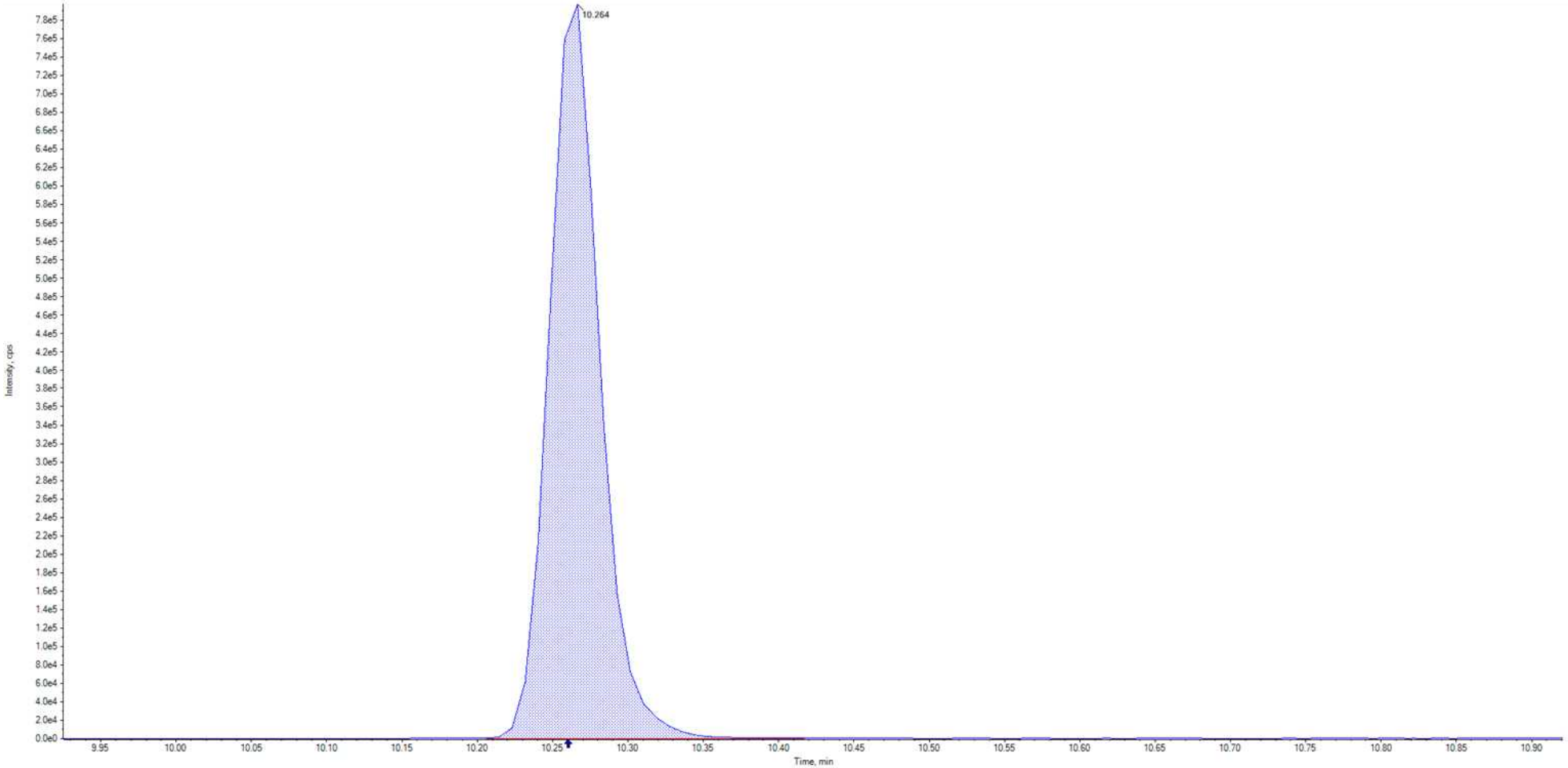
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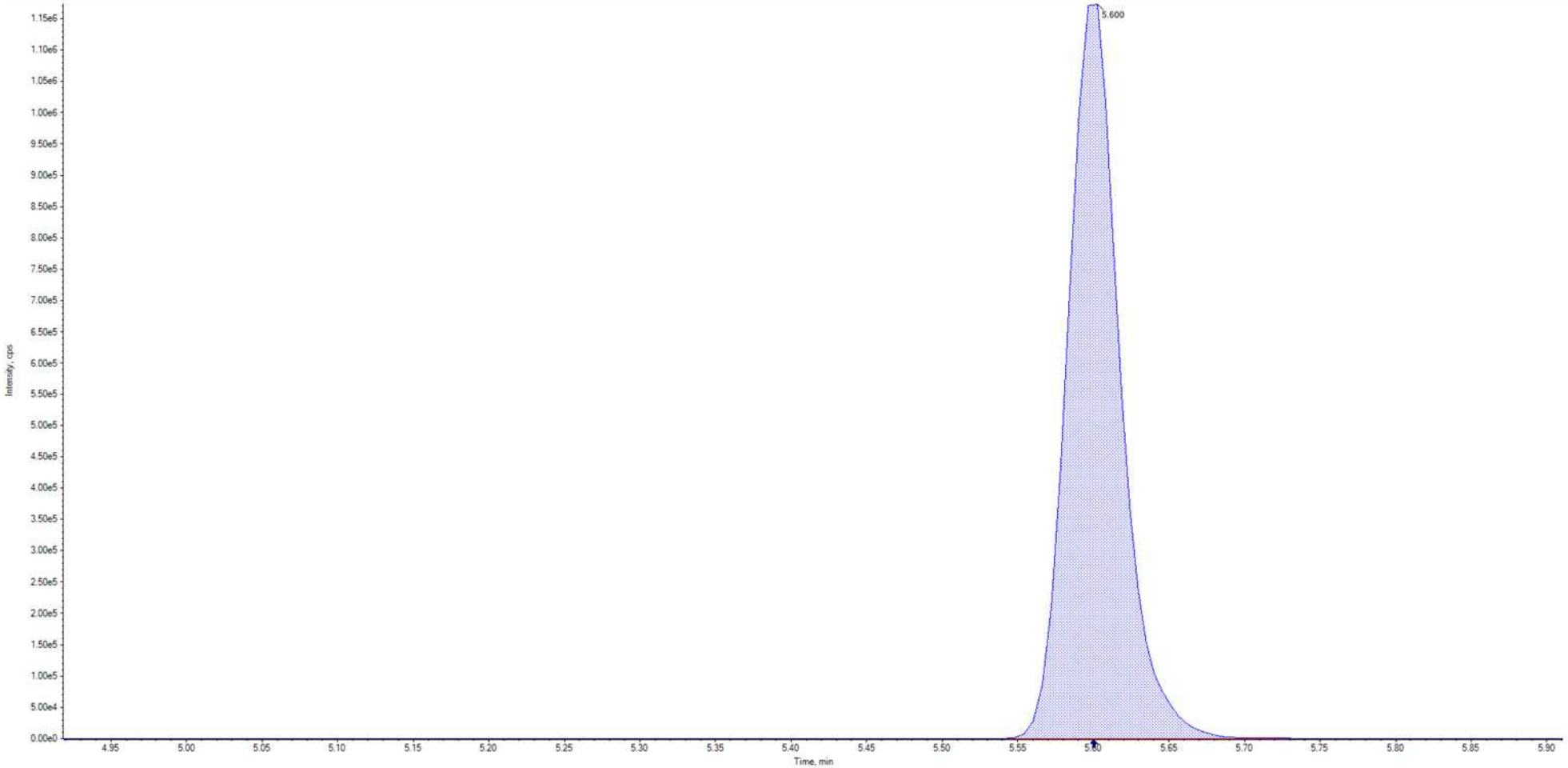
d7-NMeFOSE
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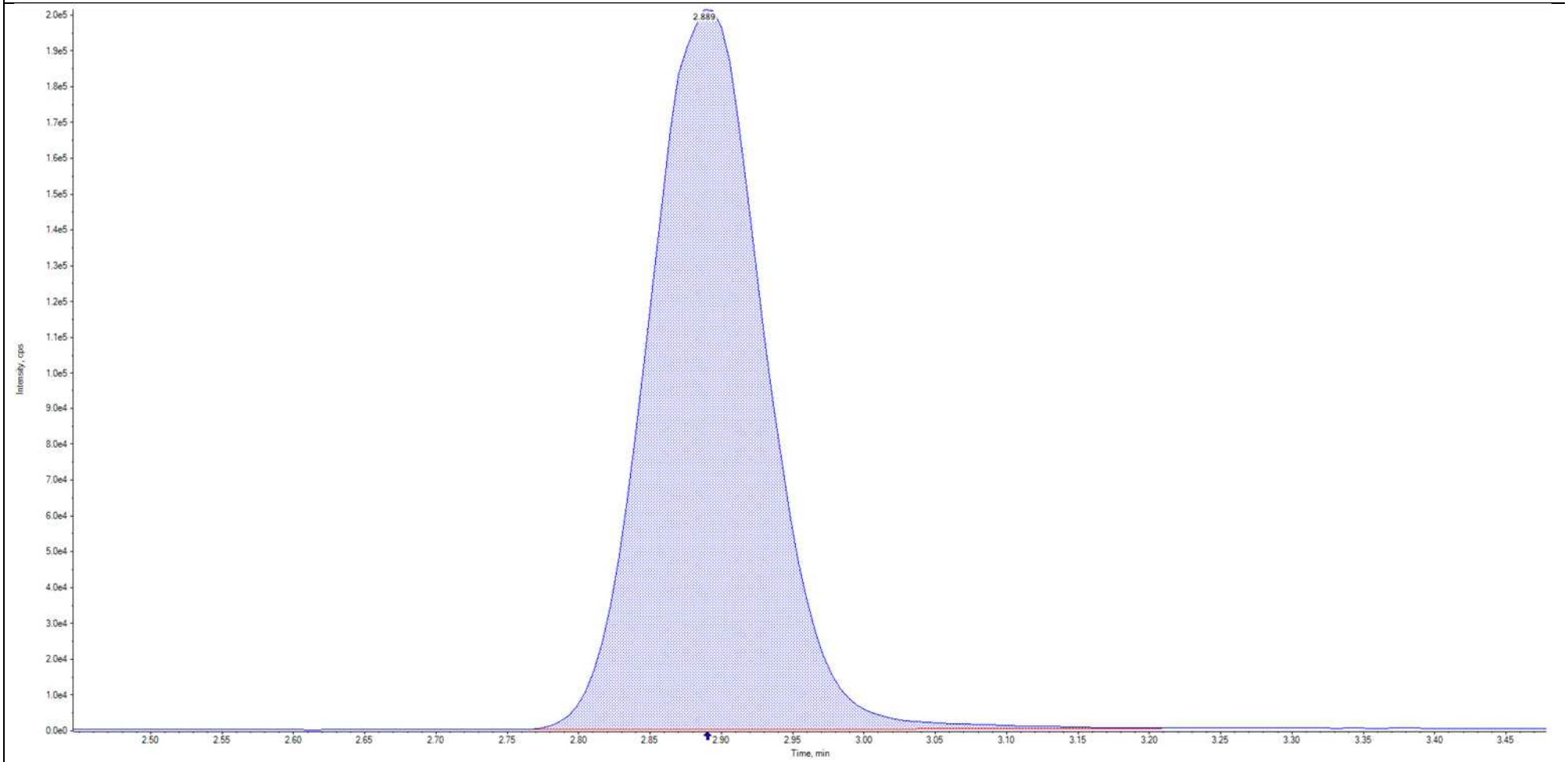
d9-NEtFOSE
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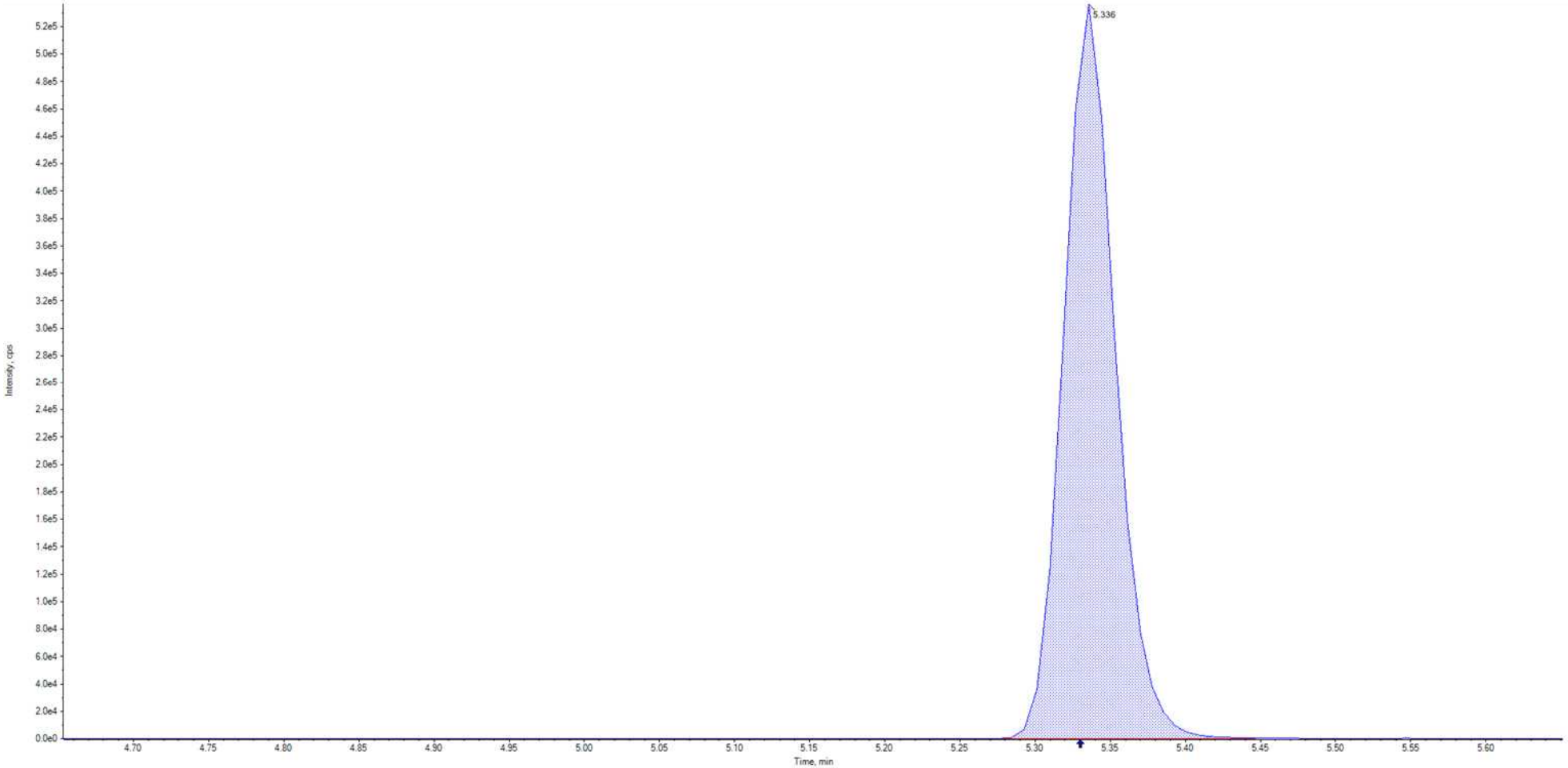
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13C3-PFBA
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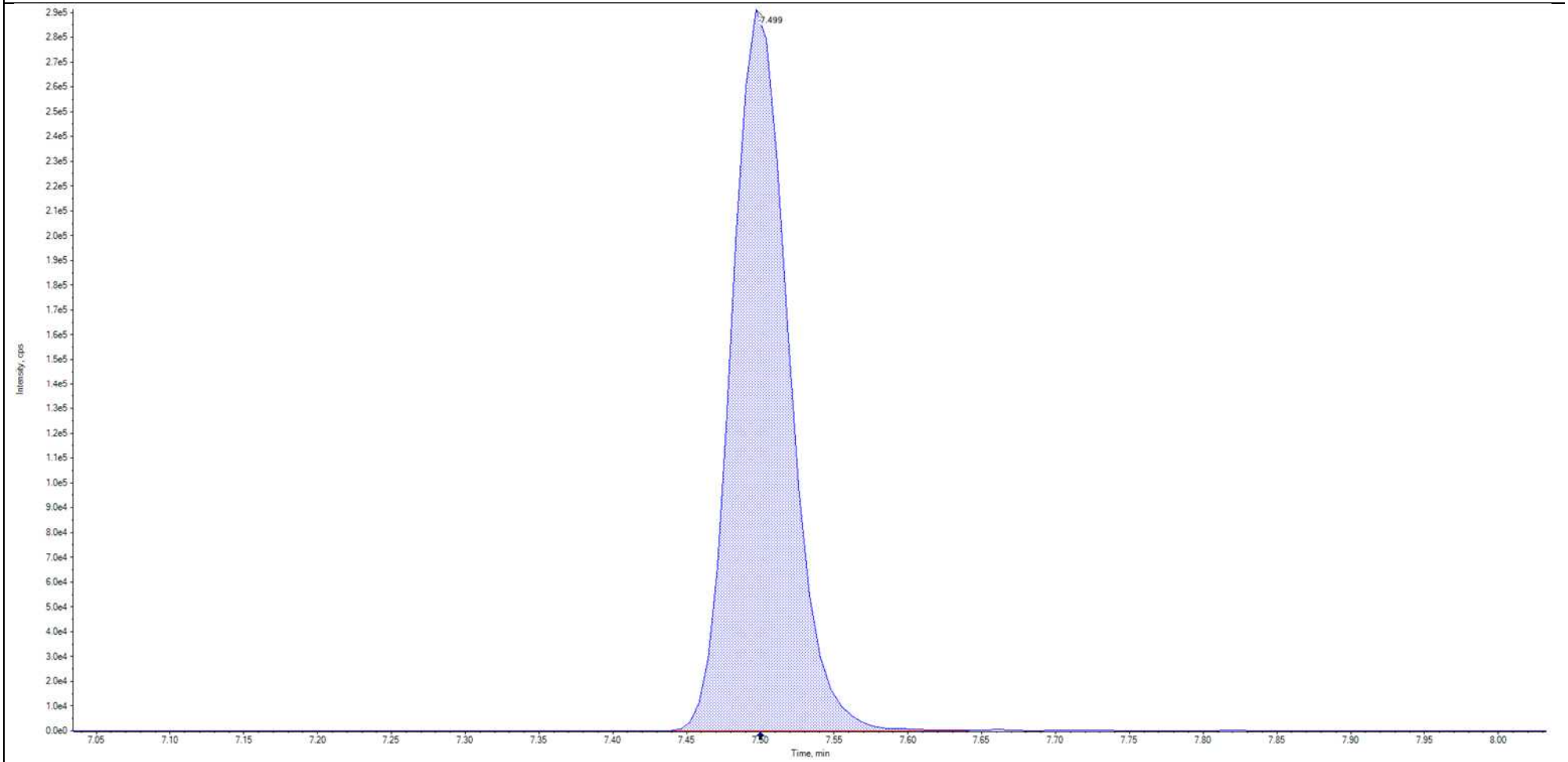


13C2-PFHxA
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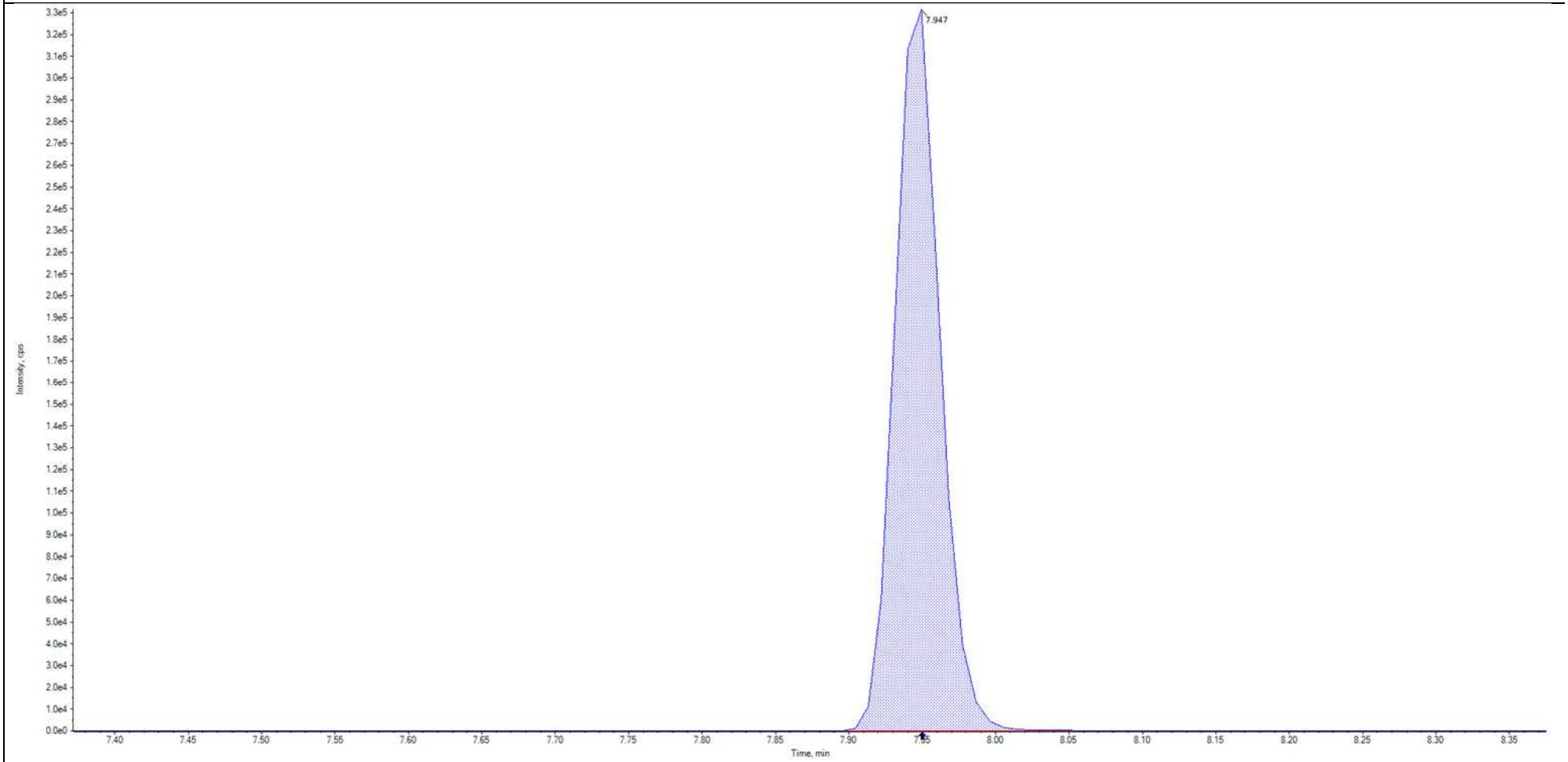


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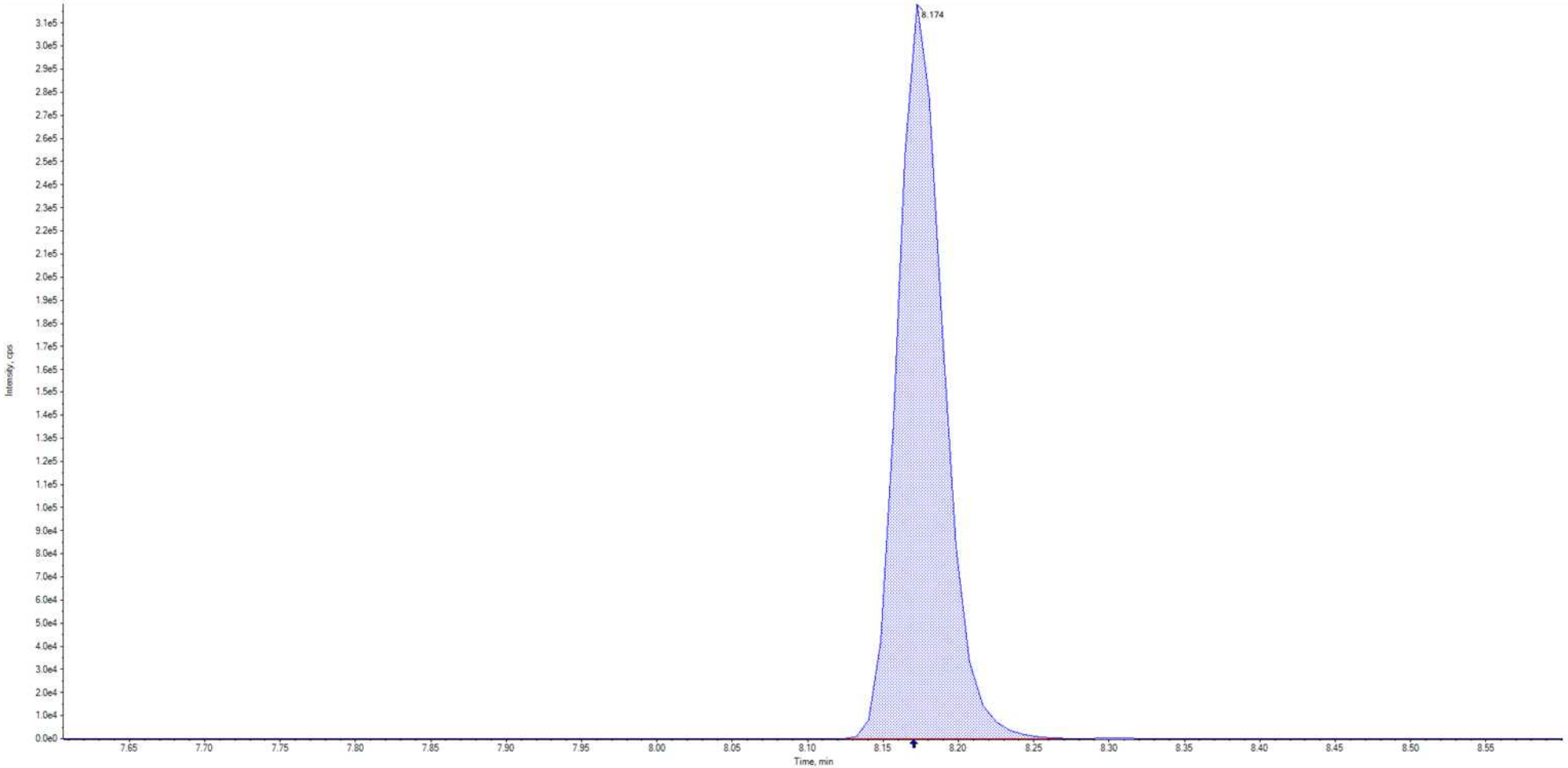
13C4-PFOA
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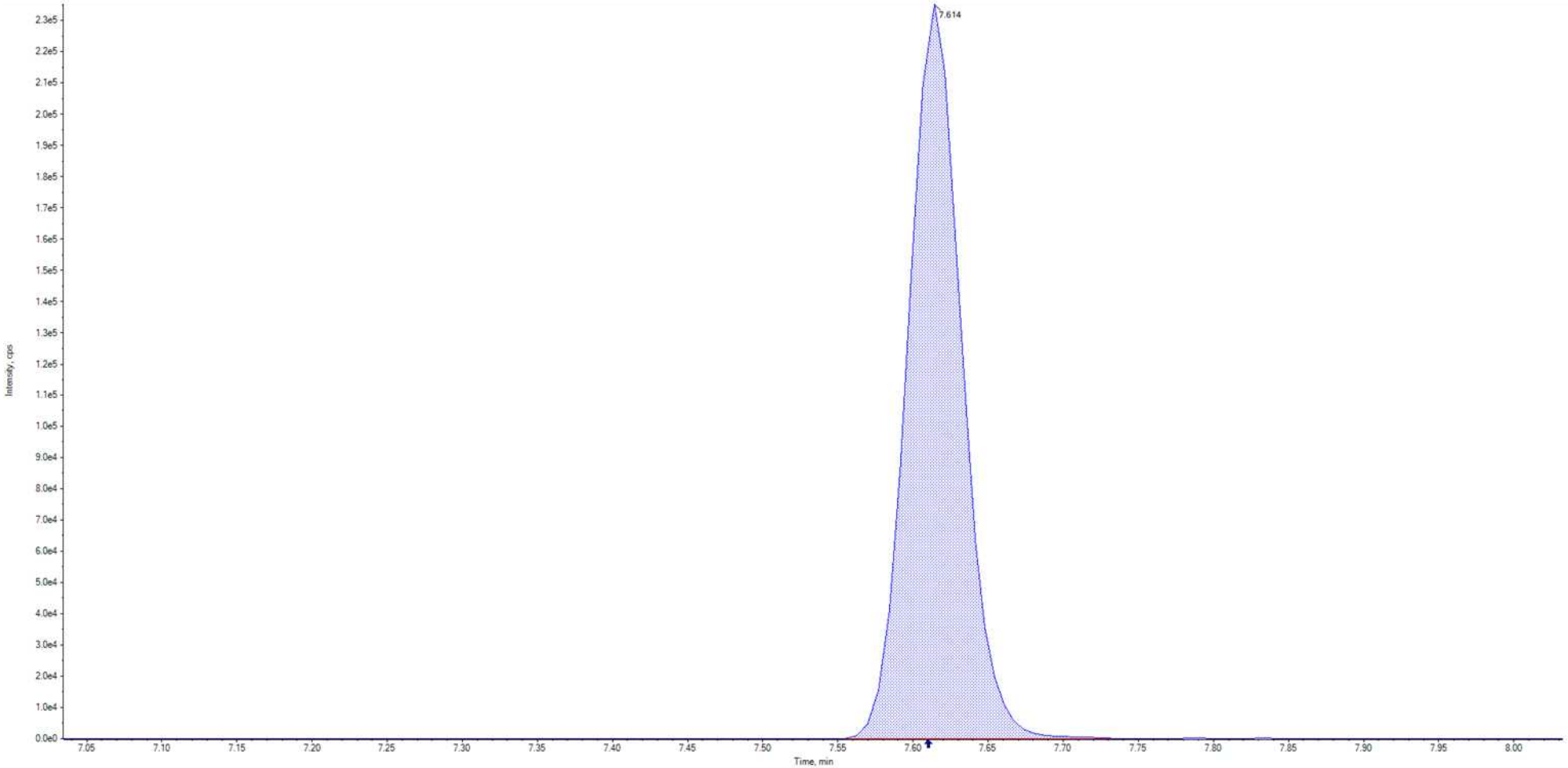
13C5-PFNA
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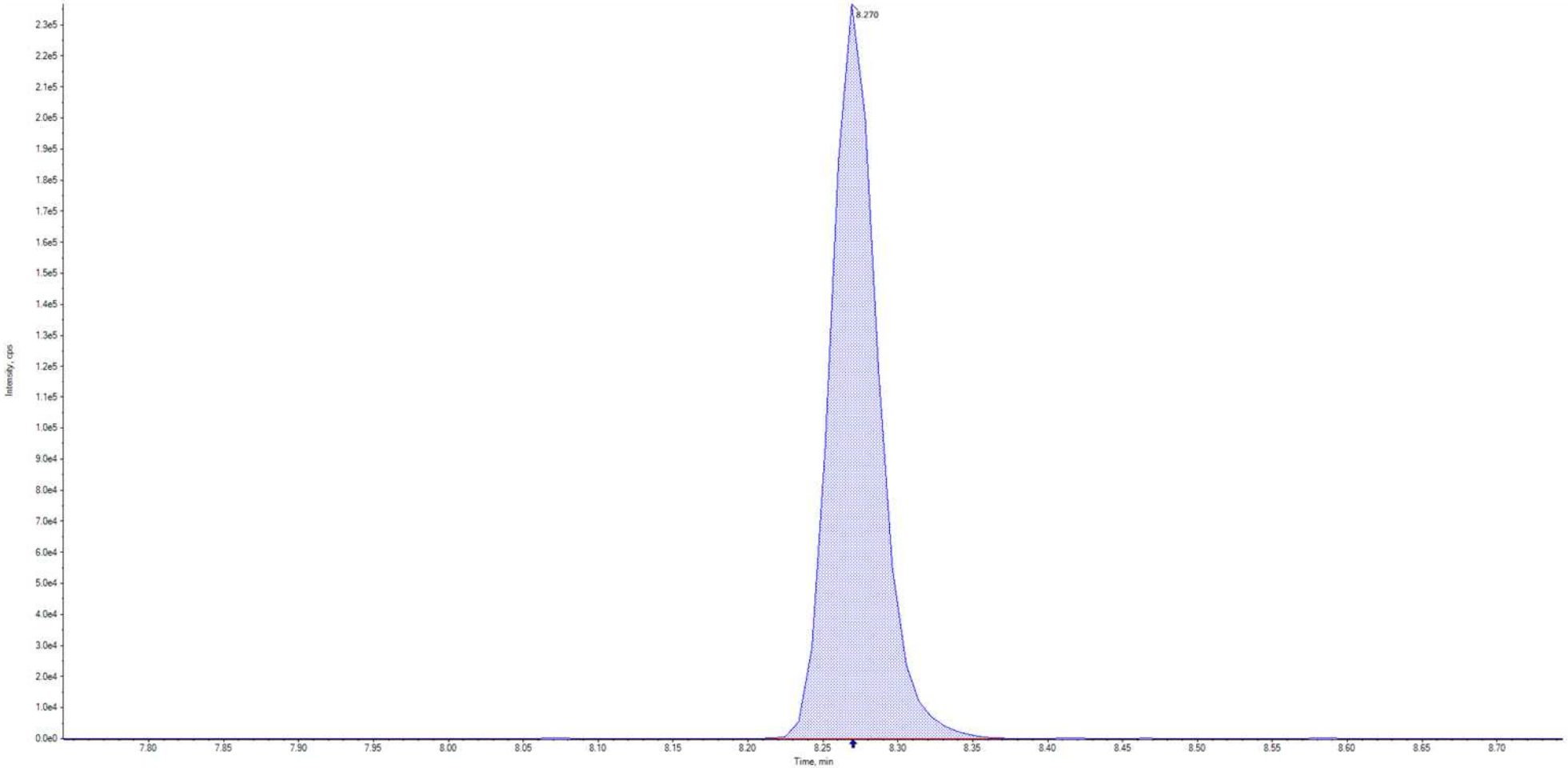
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18O2-PFHxS
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13C4-PFOS
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Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
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Calibration: 240813_1633_ICAL

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Description: WG1958909,,,25 ul EPA1633_240813_CAL
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.90	213.0 / 169.0	2162387		9.947	N/A	N/A	N/A	99.5
2	PFPeA	2706-90-3	4.65	263.0 / 219.0	1580428		5.038	0.007	0.007	N/A	100.8
3	PFPeA_2	2706-90-3	4.65	263.0 / 68.9	10709		4.834	0.007	0.007	N/A	96.7
4	PFHxA	307-24-4	5.34	313.0 / 269.0	1354168		2.604	0.072	0.072	Pass	104.2
5	PFHxA_2	307-24-4	5.34	313.0 / 119.0	98060		2.552	0.072	0.072	Pass	102.1
6	PFHpA	375-85-9	6.25	363.1 / 319.0	1316642		2.551	0.297	0.297	Pass	102.0
7	PFHpA_2	375-85-9	6.25	363.1 / 169.0	390701		2.474	0.297	0.297	Pass	99.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.50	413.1 / 369.1	762266	M5	2.268	0.586	0.586	Pass	90.7
9	PFOA_2	335-67-1	7.50	413.1 / 169.0	446873	M7	2.427	0.586	0.586	Pass	97.1
10	PFNA	375-95-1	7.95	462.8 / 418.9	1108082	M5	2.632	0.313	0.313	Pass	105.3
11	PFNA_2	375-95-1	7.95	462.8 / 218.9	347374	M7	2.700	0.313	0.313	Pass	108.0
12	PFDA	335-76-2	8.18	513.1 / 469.1	1298863		2.600	0.142	0.142	Pass	104.0
13	PFDA_2	335-76-2	8.18	513.1 / 219.0	184274		2.461	0.142	0.142	Pass	98.5
14	PFUnA	2058-94-8	8.48	563.1 / 519.1	954021		2.537	0.194	0.194	Pass	101.5
15	PFUnA_2	2058-94-8	8.47	563.1 / 269.0	184873		2.538	0.194	0.194	Pass	101.5
16	PFDoA	307-55-1	8.91	613.1 / 569.1	1010590		2.665	0.167	0.167	Pass	106.6
17	PFDoA_2	307-55-1	8.91	613.1 / 319.0	168406	M7	2.629	0.167	0.167	Pass	105.2
18	PFTrDA	72629-94-8	9.51	663.1 / 619.1	588063		2.602	0.228	0.228	Pass	104.1
19	PFTrDA_2	72629-94-8	9.51	663.1 / 169.0	134166		2.666	0.228	0.228	Pass	106.6
20	PFTeDA	376-06-7	9.91	713.1 / 669.1	1023758		2.564	0.137	0.137	Pass	102.6
21	PFTeDA_2	376-06-7	9.91	713.1 / 169.0	140417		2.571	0.137	0.137	Pass	102.8
22	PFBS	375-73-5	5.32	299.1 / 80.1	786438		2.197	0.396	0.396	Pass	99.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.32	299.1 / 99.1	311660		2.184	0.396	0.396	Pass	98.5
24	PFPeS	2706-91-4	6.34	349.1 / 80.1	680161		2.315	0.299	0.299	Pass	98.4
25	PFPeS_2	2706-91-4	6.34	349.1 / 99.1	203357		2.295	0.299	0.299	Pass	97.6
26	PFHxS	355-46-4	7.62	399.1 / 80.1	599989	M5	2.182	0.315	0.315	Pass	95.5
27	PFHxS_2	355-46-4	7.62	399.1 / 99.1	188915	M7	2.212	0.315	0.315	Pass	96.8
28	PFHpS	375-92-8	8.02	449.1 / 80.1	649407		2.251	0.287	0.287	Pass	94.5
29	PFHpS_2	375-92-8	8.02	449.1 / 99.1	186612		2.207	0.287	0.287	Pass	92.6
30	PFOS	1763-23-1	8.28	499.1 / 80.1	668069	M5	2.175	0.238	0.238	Pass	93.8
31	PFOS_2	1763-23-1	8.28	499.1 / 99.1	159239		2.116	0.238	0.238	Pass	91.2
32	PFNS	68259-12-1	8.63	549.1 / 80.1	452953		2.297	0.301	0.301	Pass	95.5
33	PFNS_2	68259-12-1	8.63	549.1 / 99.1	136274		2.282	0.301	0.301	Pass	94.9
34	PFDS	335-77-3	9.15	599.1 / 80.1	450279		2.318	0.275	0.275	Pass	96.1
35	PFDS_2	335-77-3	9.15	599.1 / 99.1	123991		2.315	0.275	0.275	Pass	96.0
36	PFDoS	79780-39-5	10.01	699.2 / 80.1	418271		2.351	0.274	0.274	Pass	96.9
37	PFDoS_2	79780-39-5	10.01	699.2 / 99.1	114567		2.343	0.274	0.274	Pass	96.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.14	327.1 / 307.1	1152996		9.319	0.516	0.516	Pass	99.4
39	4:2FTS_2	757124-72-4	5.14	327.1 / 81.1	595028		8.990	0.516	0.516	Pass	95.9
40	6:2FTS	27619-97-2	7.09	427.2 / 407.2	731187		9.739	0.565	0.565	Pass	102.5
41	6:2FTS_2	27619-97-2	7.09	427.2 / 81.1	413179		10.175	0.565	0.565	Pass	107.1
42	8:2FTS	39108-34-4	8.07	527.2 / 507.2	910884		10.101	0.662	0.662	Pass	105.2
43	8:2FTS_2	39108-34-4	8.08	527.2 / 81.1	602827		9.855	0.662	0.662	Pass	102.7
44	PFOSA	754-91-6	9.55	498.1 / 78.1	658264	M5	2.436	0.025	0.025	Pass	97.4
45	PFOSA_2	754-91-6	9.55	498.1 / 478.0	16621	M7	2.344	0.025	0.025	Pass	93.8
46	NMeFOSA	31506-32-8	10.17	512.2 / 219.0	173879	M5	2.432	1.551	1.551	Pass	97.3
47	NMeFOSA_2	31506-32-8	10.13	512.2 / 169.0	269745	M7	2.435	1.551	1.551	Pass	97.4
48	NEtFOSA	4151-50-2	10.38	526.2 / 219.0	181221	M5	2.568	1.285	1.285	Pass	102.7
49	NEtFOSA_2	4151-50-2	10.35	526.2 / 169.0	232853	M7	2.465	1.285	1.285	Pass	98.6
50	NMeFOSAA	2355-31-9	8.23	570.2 / 419.1	231441		2.512	0.700	0.700	Pass	100.5
51	NMeFOSAA_2	2355-31-9	8.23	570.2 / 483.0	162094		2.767	0.700	0.700	Pass	110.7
52	NEtFOSAA	2991-50-6	8.37	584.2 / 419.1	180301		2.390	0.487	0.487	Pass	95.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.37	584.2 / 526.2	87877	M7	2.531	0.487	0.487	Pass	101.2
54	NMeFOSE	24448-09-7	10.08	616.1 / 58.9	2982647	M5	23.445	N/A	N/A	N/A	93.8
55	NEtFOSE	1691-99-2	10.28	630.0 / 58.9	5649756	M5	25.889	N/A	N/A	N/A	103.6
56	HFPO-DA	13252-13-6	5.60	285.0 / 169.0	2739320		9.873	0.464	0.464	Pass	98.7
57	HFPO-DA_2	13252-13-6	5.60	285.0 / 184.9	1271247		9.853	0.464	0.464	Pass	98.5
58	ADONA	919005-14-4	6.72	377.1 / 251.0	5872996		9.307	0.634	0.634	Pass	98.5
59	ADONA_2	919005-14-4	6.72	377.1 / 84.8	3723629		9.120	0.634	0.634	Pass	96.5
60	9Cl-PF3ONS	756426-58-1	8.50	530.8 / 351.1	6066657		9.751	0.322	0.322	Pass	104.3
61	9Cl-PF3ONS_2	756426-58-1	8.50	532.8 / 353.0	1953306		9.641	0.322	0.322	Pass	103.1
62	11Cl-PF3OUdS	763051-92-9	9.58	630.9 / 451.0	3680248		9.365	0.331	0.331	Pass	99.1
63	11Cl-PF3OUdS_2	763051-92-9	9.58	632.9 / 452.9	1217458		9.205	0.331	0.331	Pass	97.4
64	3:3FTCA	356-02-5	4.92	241.1 / 177.1	330654		12.151	1.074	1.074	Pass	97.2
65	3:3FTCA_2	356-02-5	4.91	241.1 / 117.0	355004		13.026	1.074	1.074	Pass	104.2
66	5:3FTCA	914637-49-3	7.16	341.1 / 237.1	6221772		65.945	0.953	0.953	Pass	105.5
67	5:3FTCA_2	914637-49-3	7.16	341.1 / 217.0	5928139		66.404	0.953	0.953	Pass	106.3

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.21	441.1 / 316.9	6248141		59.488	1.558	1.558	Pass	95.2
69	7:3FTCA_2	812-70-4	8.21	441.1 / 337.1	9732038		63.852	1.558	1.558	Pass	102.2
70	PFEESA	113507-82-7	5.71	315.1 / 135.0	4052494		4.491	0.087	0.087	Pass	100.9
71	PFEESA_2	113507-82-7	5.71	315.1 / 82.9	350780		4.500	0.087	0.087	Pass	101.1
72	PFMPA	377-73-1	3.85	229.0 / 85.0	186580		4.913	N/A	N/A	N/A	98.3
73	PFMBA	863090-89-5	4.88	279.0 / 85.0	2617337		5.112	N/A	N/A	N/A	102.2
74	NFDHA	151772-58-6	5.26	295.0 / 201.0	496414		5.226	0.910	0.910	Pass	104.5
75	NFDHA_2	151772-58-6	5.26	295.0 / 84.9	451759		5.188	0.910	0.910	Pass	103.8
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.13	333.2 / 312.1	972080		5.120	N/A	N/A	N/A	102.4
79	13C2-PFOA	Surr	7.50	415.0 / 370.0	3484143		2.691	N/A	N/A	N/A	107.7

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2680753		10.491	NA	NA	NA	104.9

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1701350		5.390	NA	NA	NA	107.8
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	1067103		2.574	NA	NA	NA	102.9
	13C4-PFHpA	EIS	6.24	367.0 / 322.0	1101801		2.654	NA	NA	NA	106.2
	13C8-PFOA	EIS	7.50	421.0 / 376.0	1614994		2.763	NA	NA	NA	110.5
	13C9-PFNA	EIS	7.95	472.0 / 427.0	718933		1.276	NA	NA	NA	102.1
	13C6-PFDA	EIS	8.17	519.0 / 474.0	724541		1.271	NA	NA	NA	101.7
	13C7-PFUnA	EIS	8.47	570.0 / 525.0	594748		1.289	NA	NA	NA	103.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.91	615.1 / 570.0	364529		1.215	NA	NA	NA	97.2
	13C2-PFTeDA	EIS	9.91	715.1 / 670.1	398378		1.223	NA	NA	NA	97.8
	13C3-PFBS	EIS	5.31	302.1 / 80.1	853240		2.412	NA	NA	NA	103.5
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	688783		2.452	NA	NA	NA	103.4
	13C8-PFOS	EIS	8.27	507.1 / 80.1	747787		2.603	NA	NA	NA	108.7
	13C2-4:2FTS	EIS	5.14	329.1 / 81.1	296089		4.690	NA	NA	NA	100.0
	13C2-6:2FTS	EIS	7.09	429.2 / 81.1	217608		4.704	NA	NA	NA	98.9
	13C2-8:2FTS	EIS	8.07	529.2 / 81.1	341529		5.044	NA	NA	NA	105.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.55	506.1 / 78.1	1010787		2.647	NA	NA	NA	105.9
	d3-NMeFOSA	EIS	10.16	515.2 / 219.0	166910		2.597	NA	NA	NA	103.9
	d5-NEtFOSA	EIS	10.37	531.2 / 219.0	160654		2.558	NA	NA	NA	102.3
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	699978		4.817	NA	NA	NA	96.3
	d5-NEtFOSAA	EIS	8.36	589.3 / 419.1	404655		5.298	NA	NA	NA	106.0
	d7-NMeFOSE	EIS	10.07	623.2 / 58.9	1289212		25.969	NA	NA	NA	103.9
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1859032		25.399	NA	NA	NA	101.6

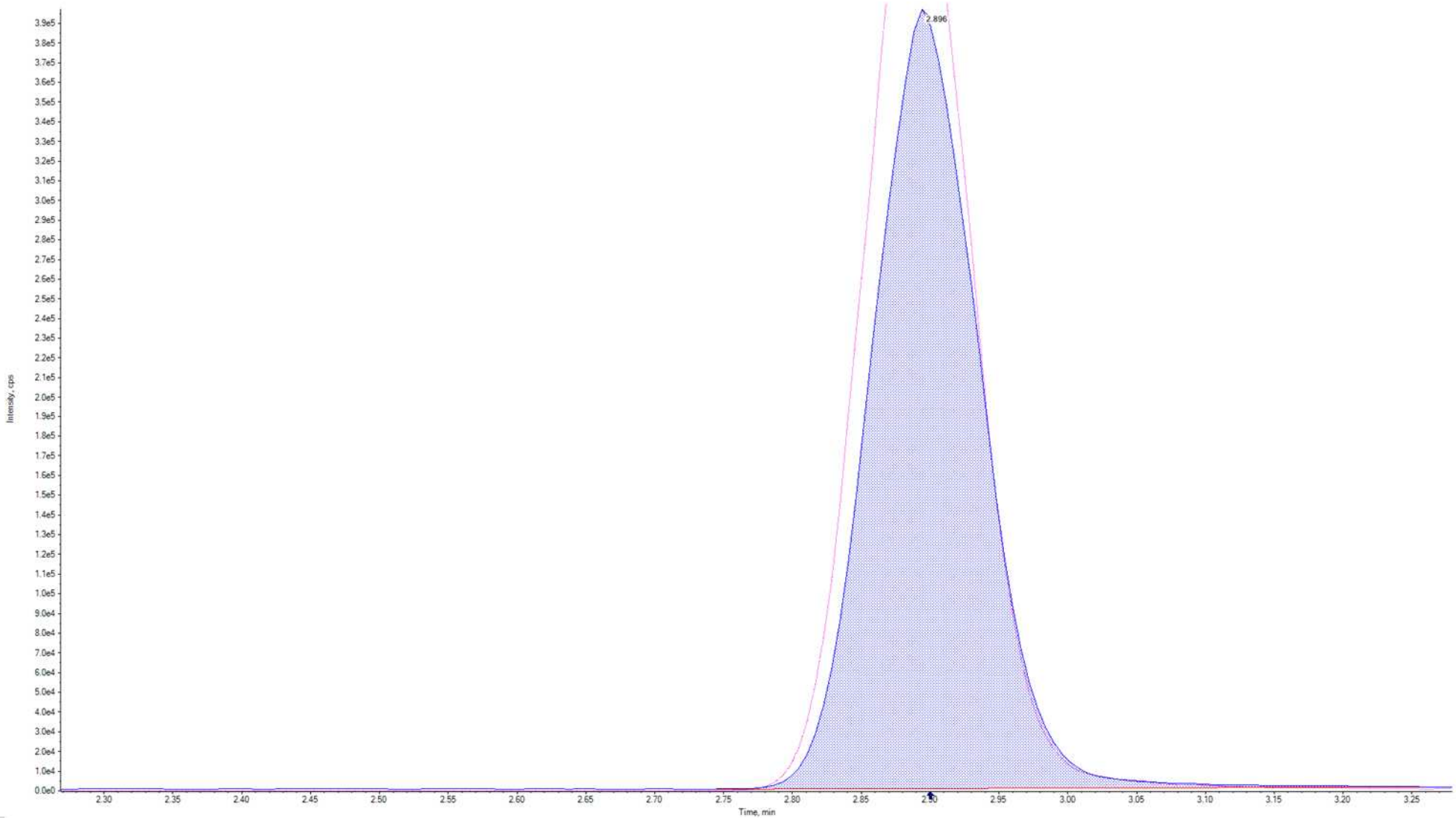
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.60	287.0 / 169.0	3026681		11.015	NA	NA	NA	110.1
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1117752		5.228	NA	NA	NA	104.6
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1231115		2.514	NA	NA	NA	100.6
	13C4-PFOA	NIS	7.50	417.0 / 372.0	764758		2.443	NA	NA	NA	97.7
	13C5-PFNA	NIS	7.95	468.0 / 423.0	686184		1.253	NA	NA	NA	100.2
	13C2-PFDA	NIS	8.17	515.1 / 470.1	669739		1.307	NA	NA	NA	104.6
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	571036		2.437	NA	NA	NA	102.8
	13C4-PFOS	NIS	8.27	503.1 / 80.1	508107		2.413	NA	NA	NA	100.8

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Last Altered: 8/14/2024 10:41:29 AM
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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

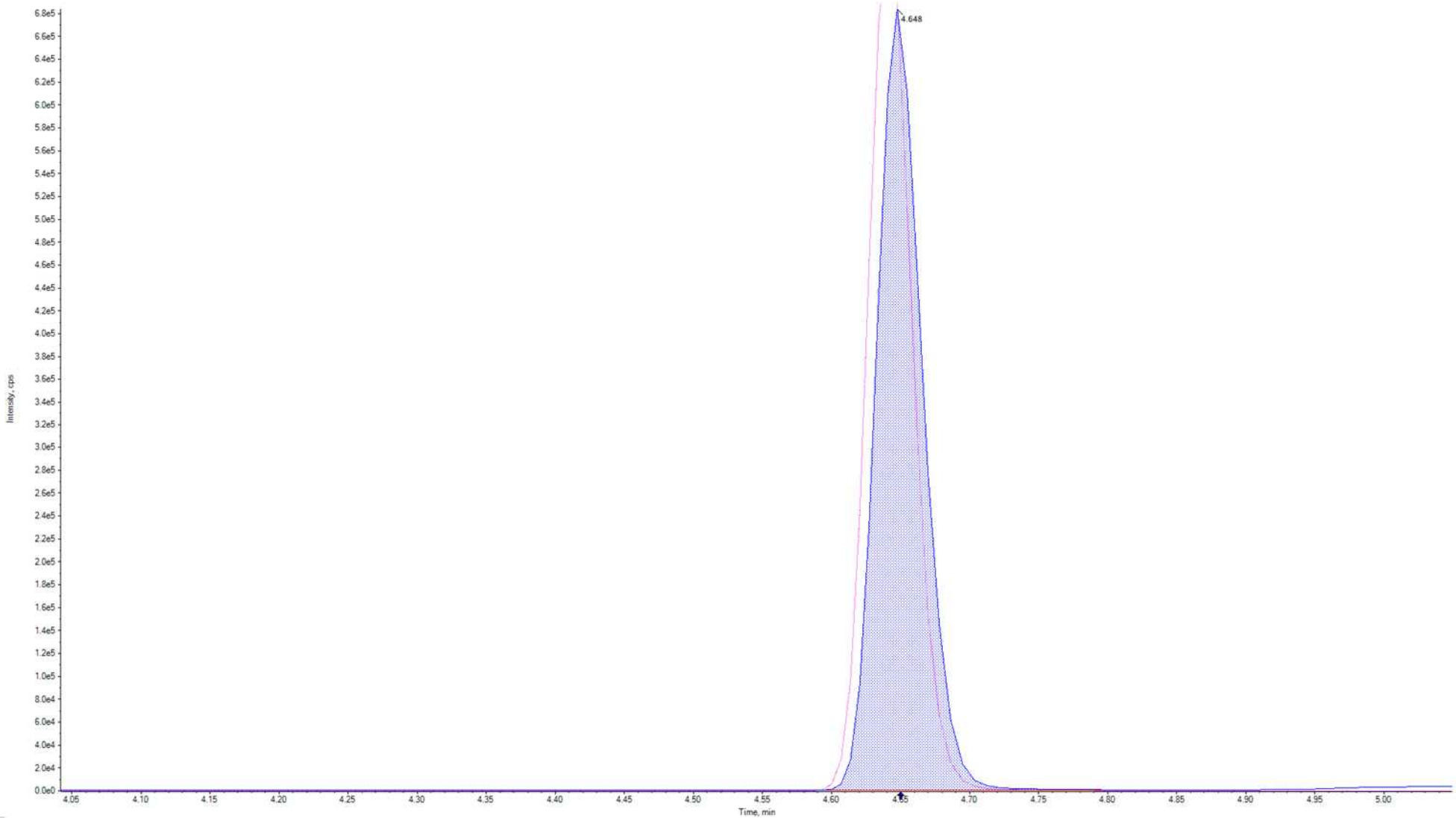
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFBA
Sample: IA1633STD-2.5 S/N:2016.8 Points Across peak:83



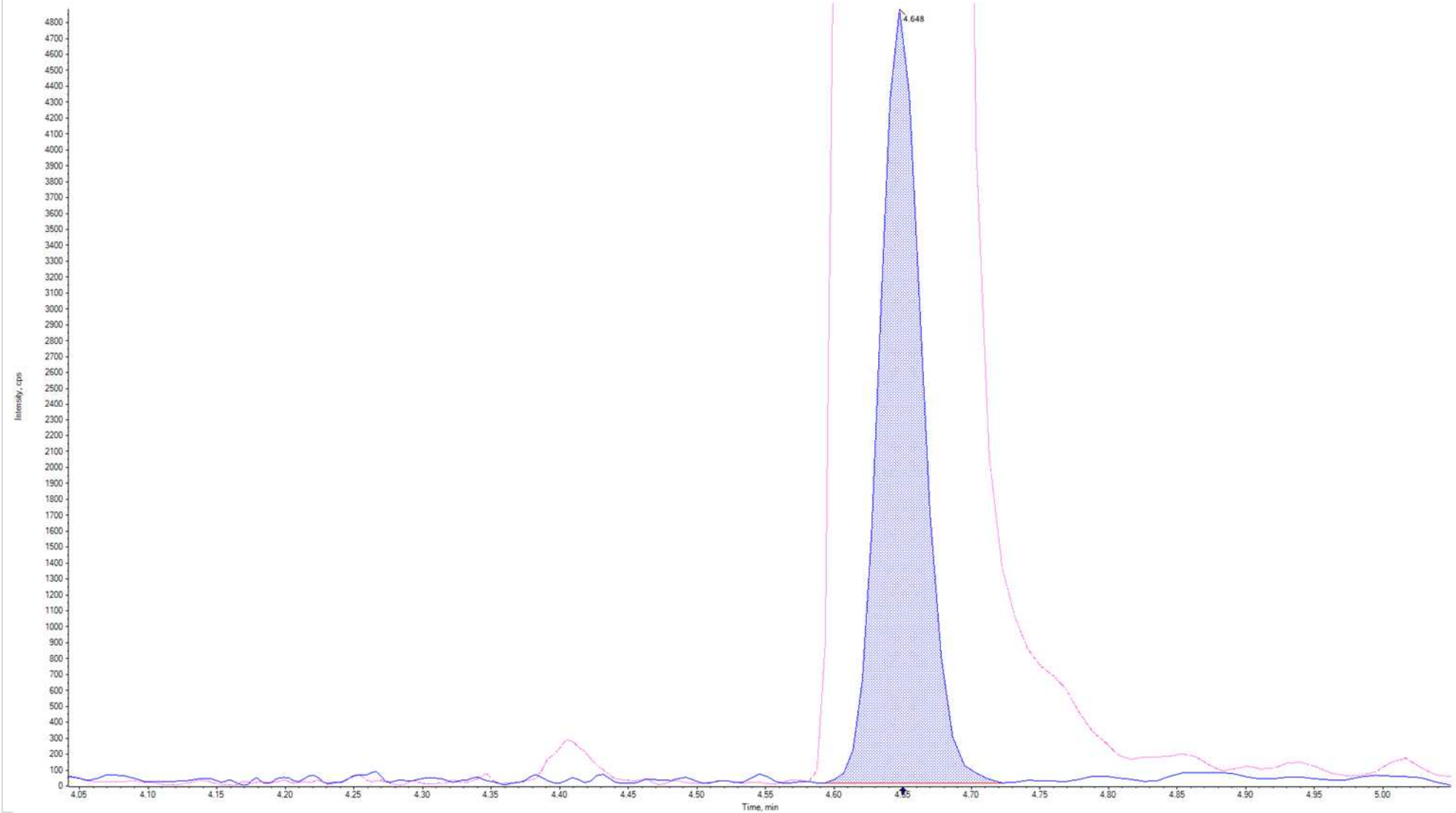
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeA
Sample: IA1633STD-2.5 S/N:1993.1 Points Across peak:35



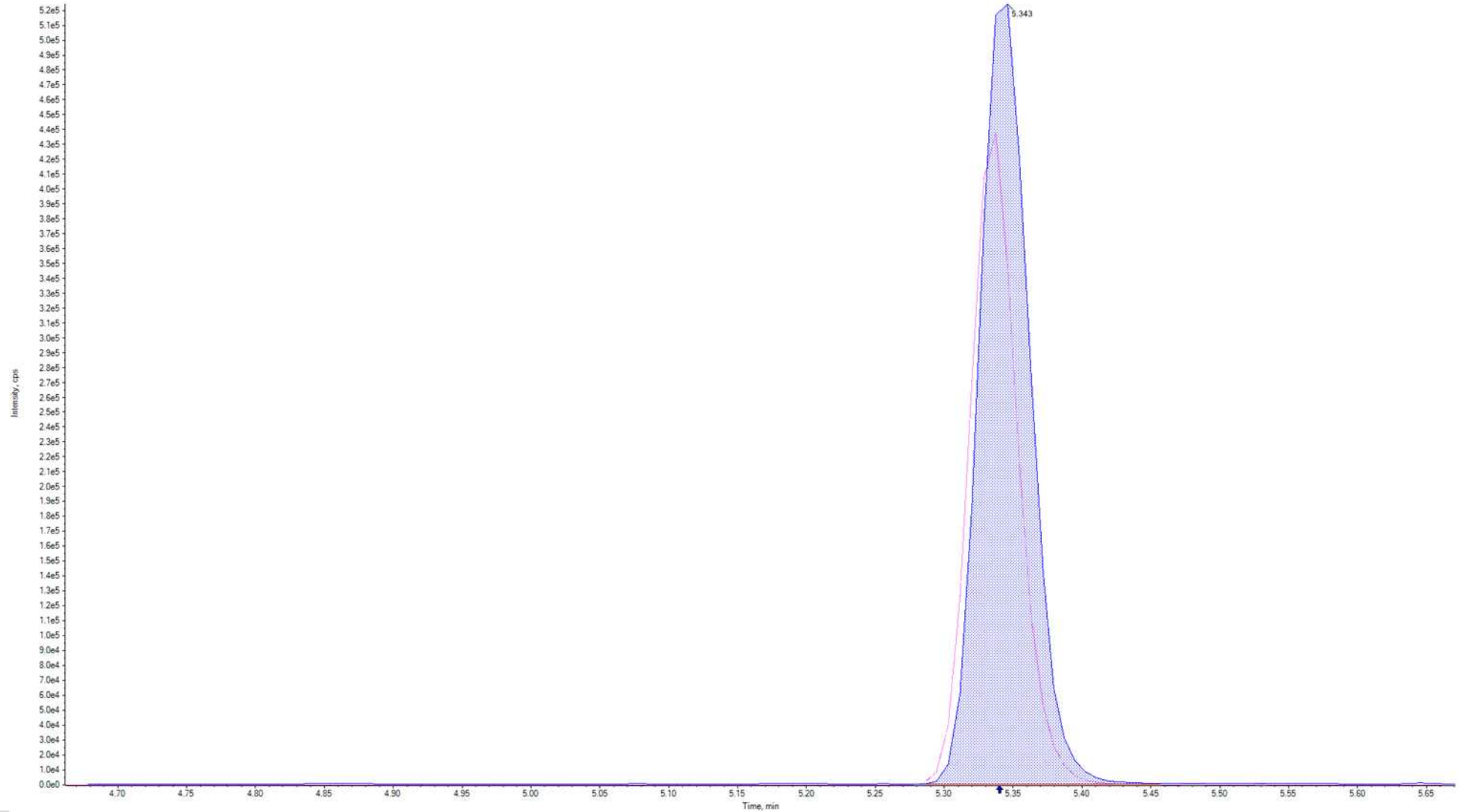
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeA_2
Sample: IA1633STD-2.5 S/N:740.2 Points Across peak:19



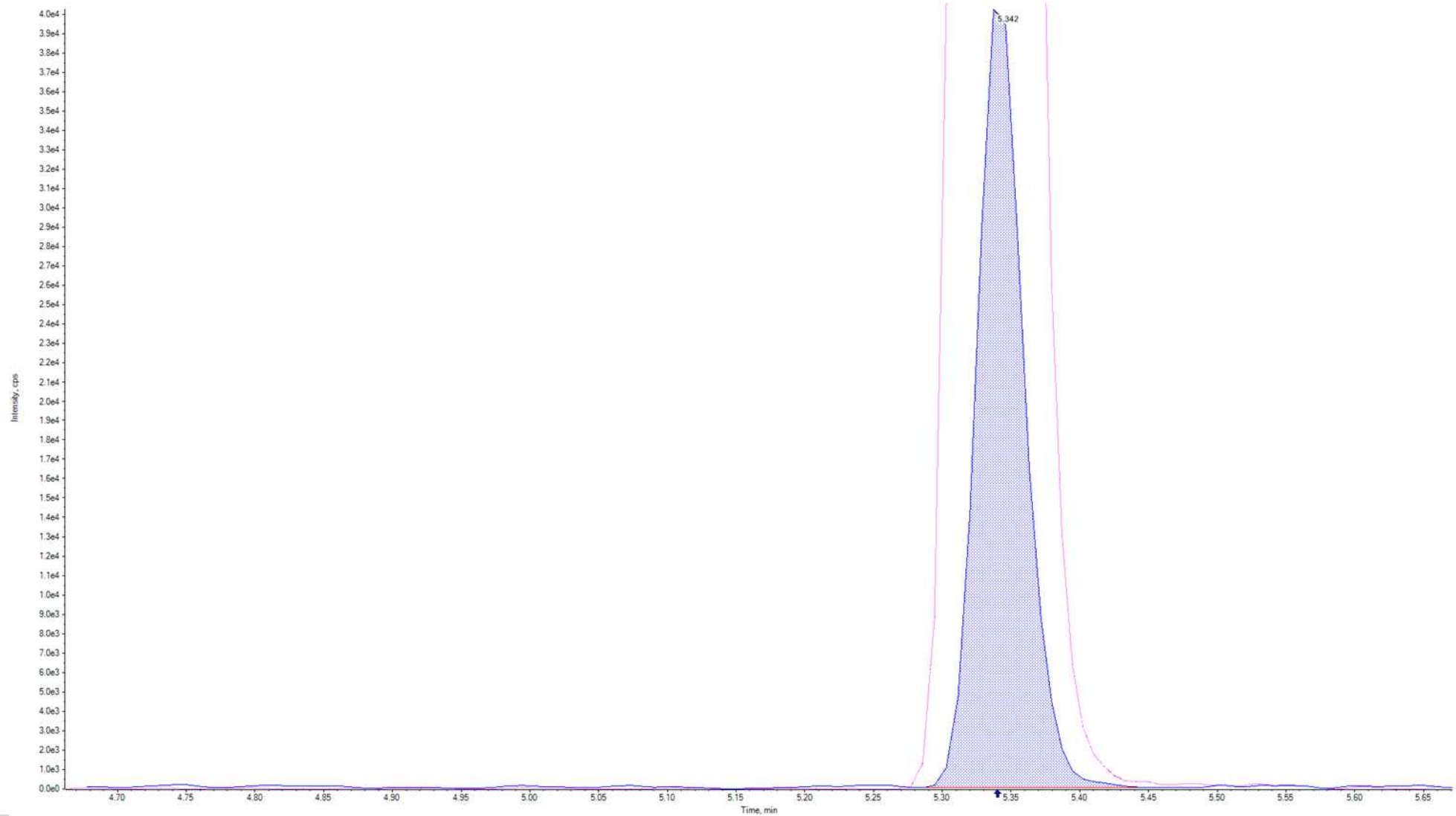
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxA
Sample: IA1633STD-2.5 S/N:1122.0 Points Across peak:23



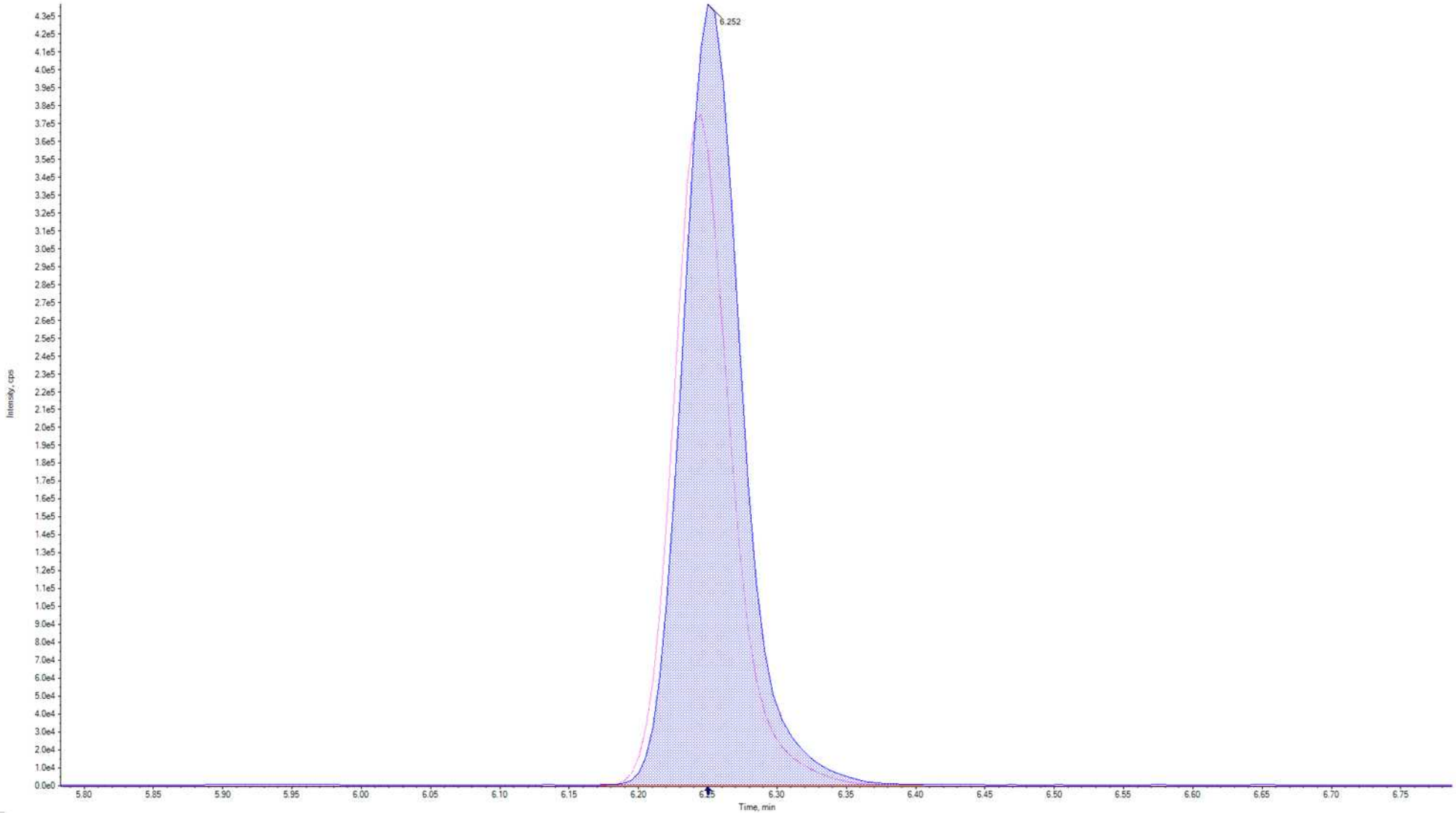
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxA_2
Sample: IA1633STD-2.5 S/N:1469.4 Points Across peak:22



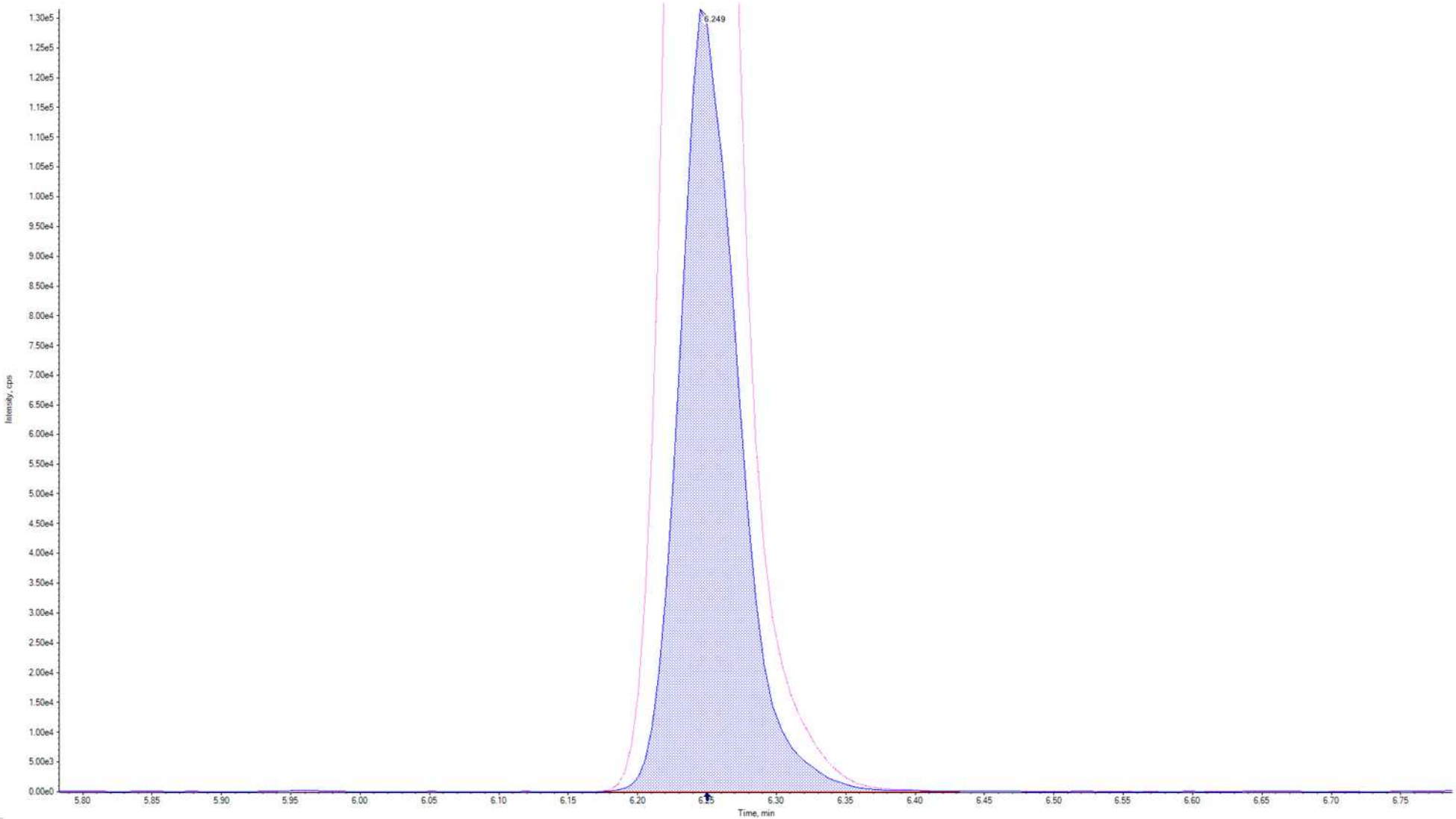
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpA
Sample: IA1633STD-2.5 S/N:2287.4 Points Across peak:42



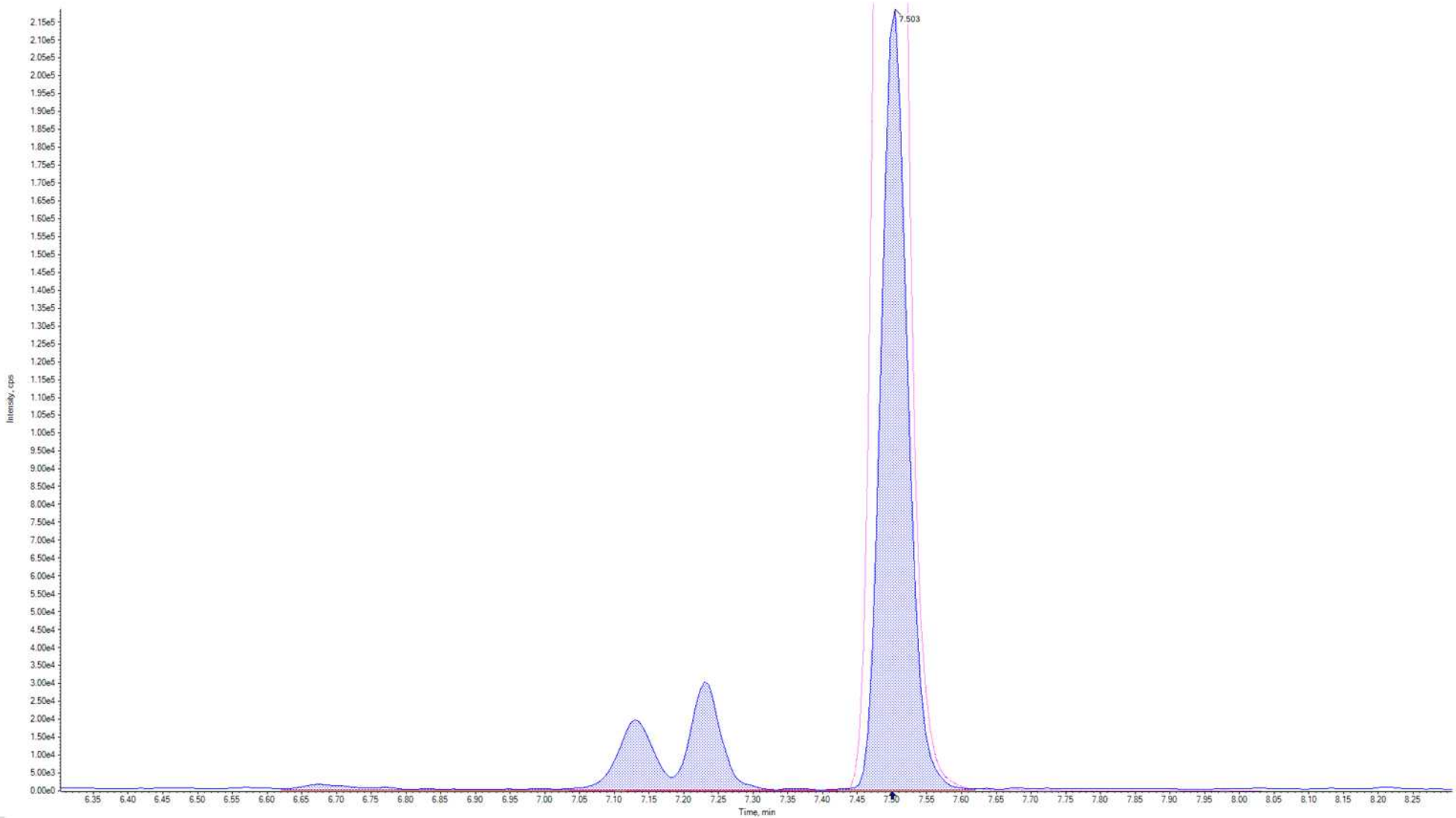
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpA_2
Sample: IA1633STD-2.5 S/N:7427.7 Points Across peak:47



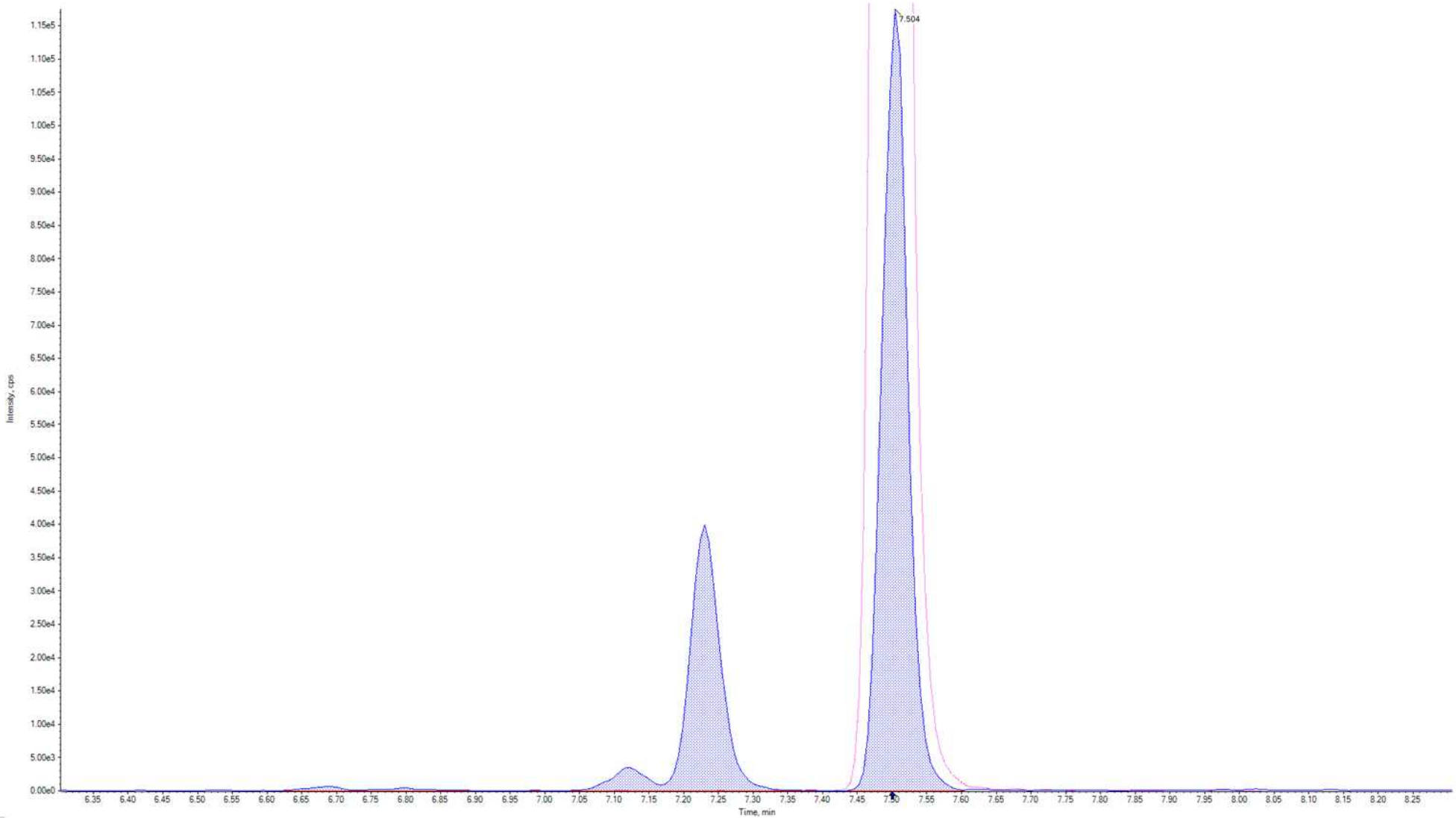
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOA
Sample: IA1633STD-2.5 S/N:1608.3 Points Across peak:153



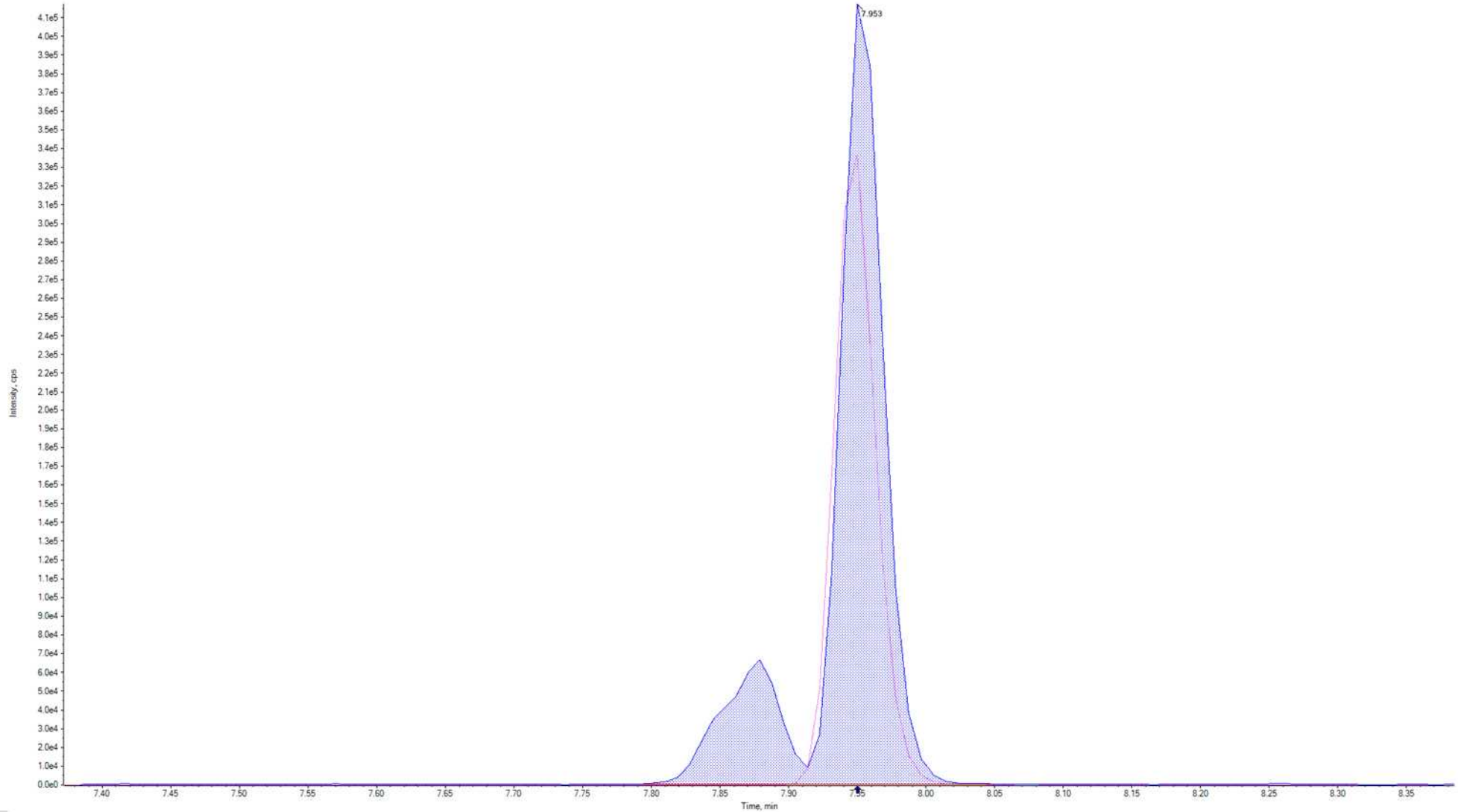
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOA_2
Sample: IA1633STD-2.5 S/N:33021.9 Points Across peak:152



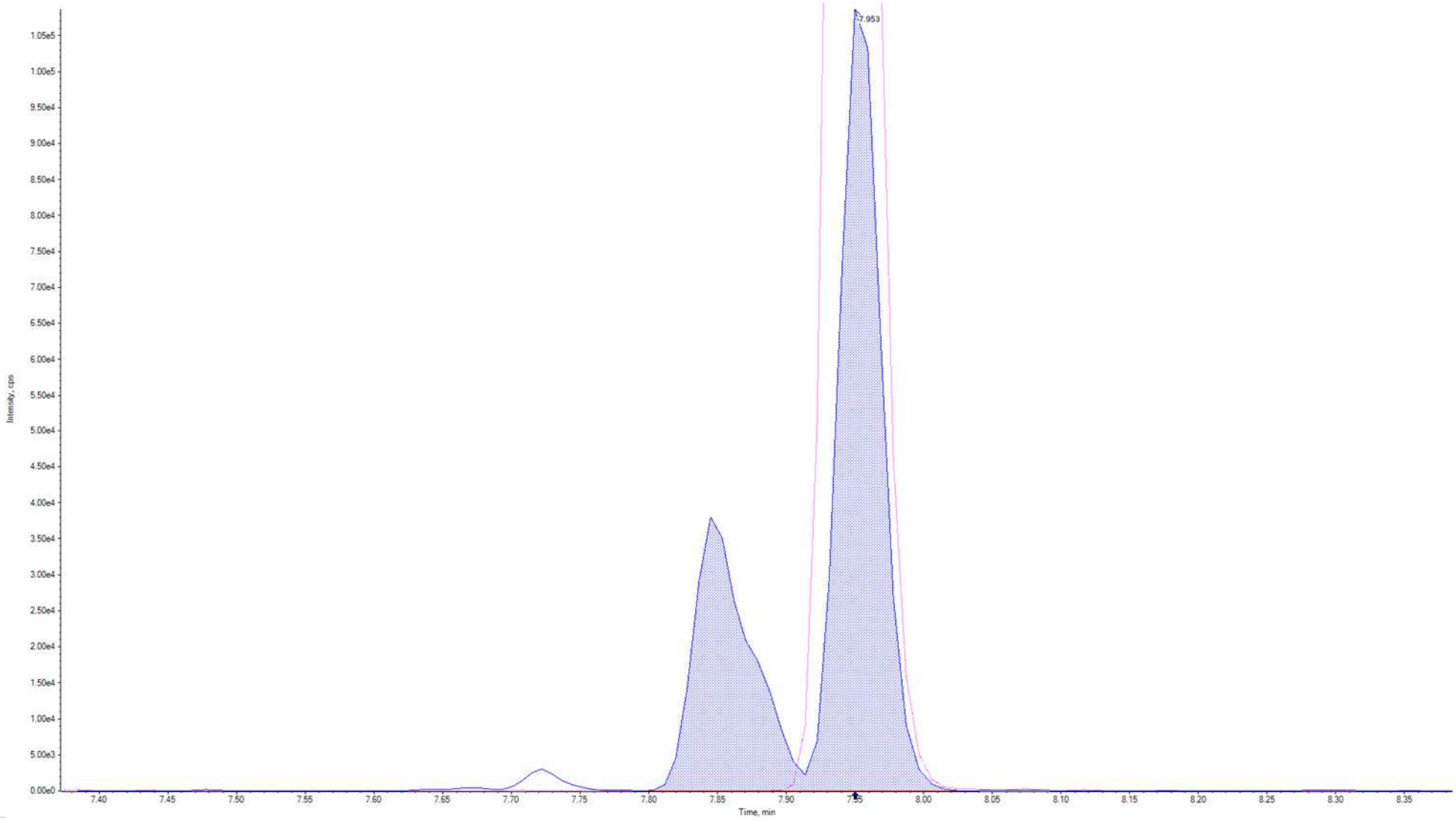
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNA
Sample: IA1633STD-2.5 S/N:1389.2 Points Across peak:33



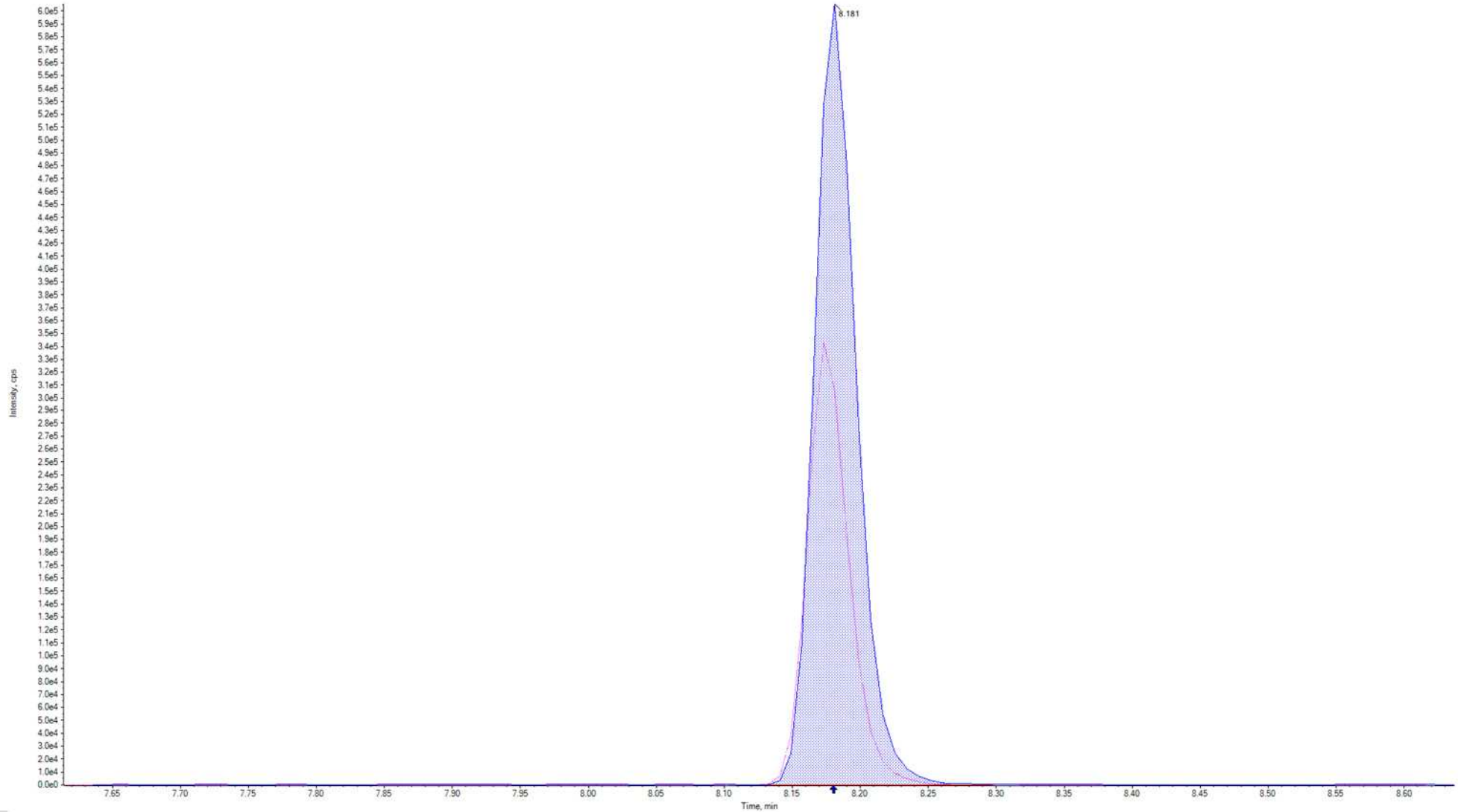
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNA_2
Sample: IA1633STD-2.5 S/N:851.3 Points Across peak:30



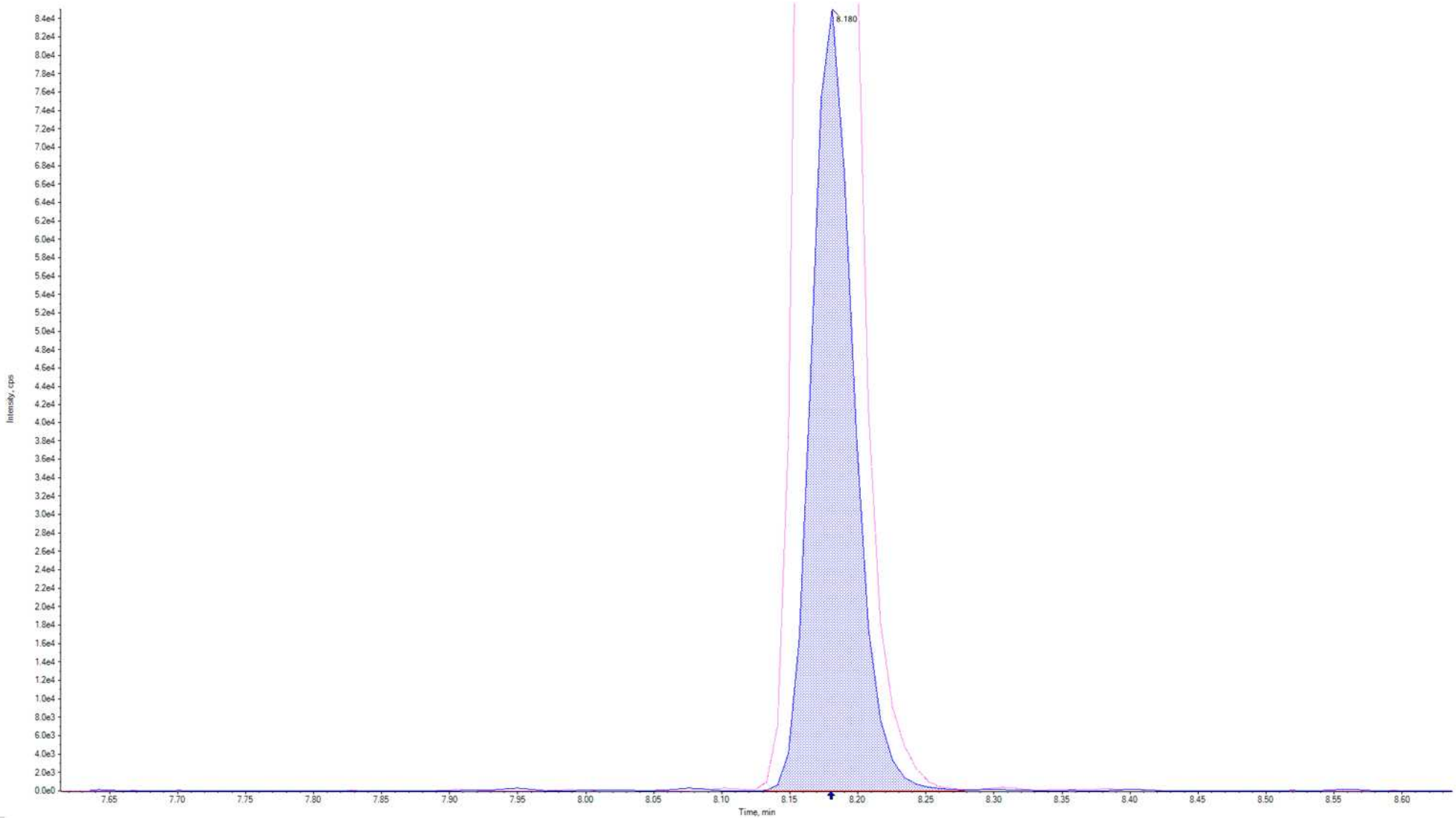
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDA
Sample: IA1633STD-2.5 S/N:3530.9 Points Across peak:21



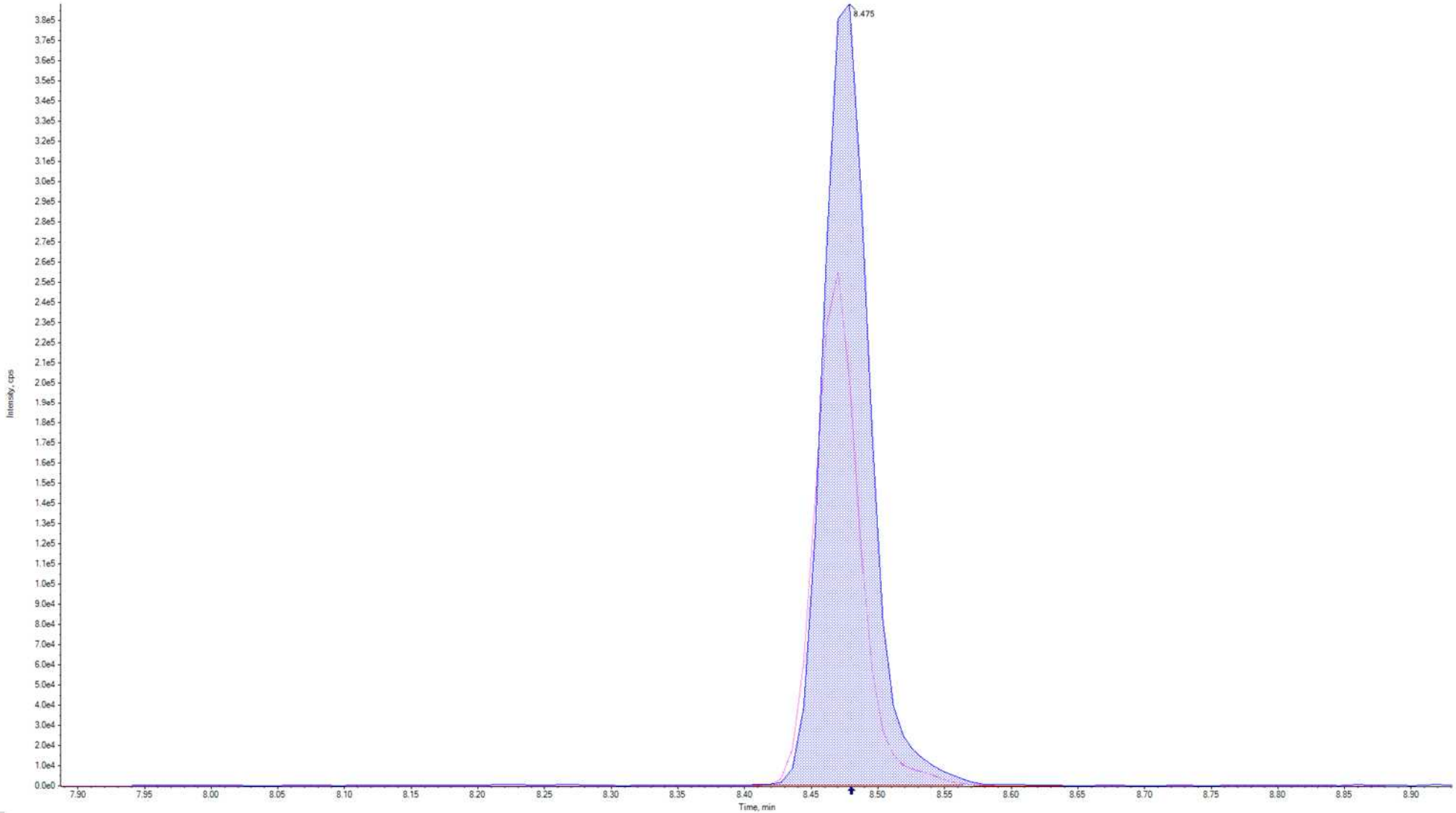
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDA_2
Sample: IA1633STD-2.5 S/N:1863.5 Points Across peak:20



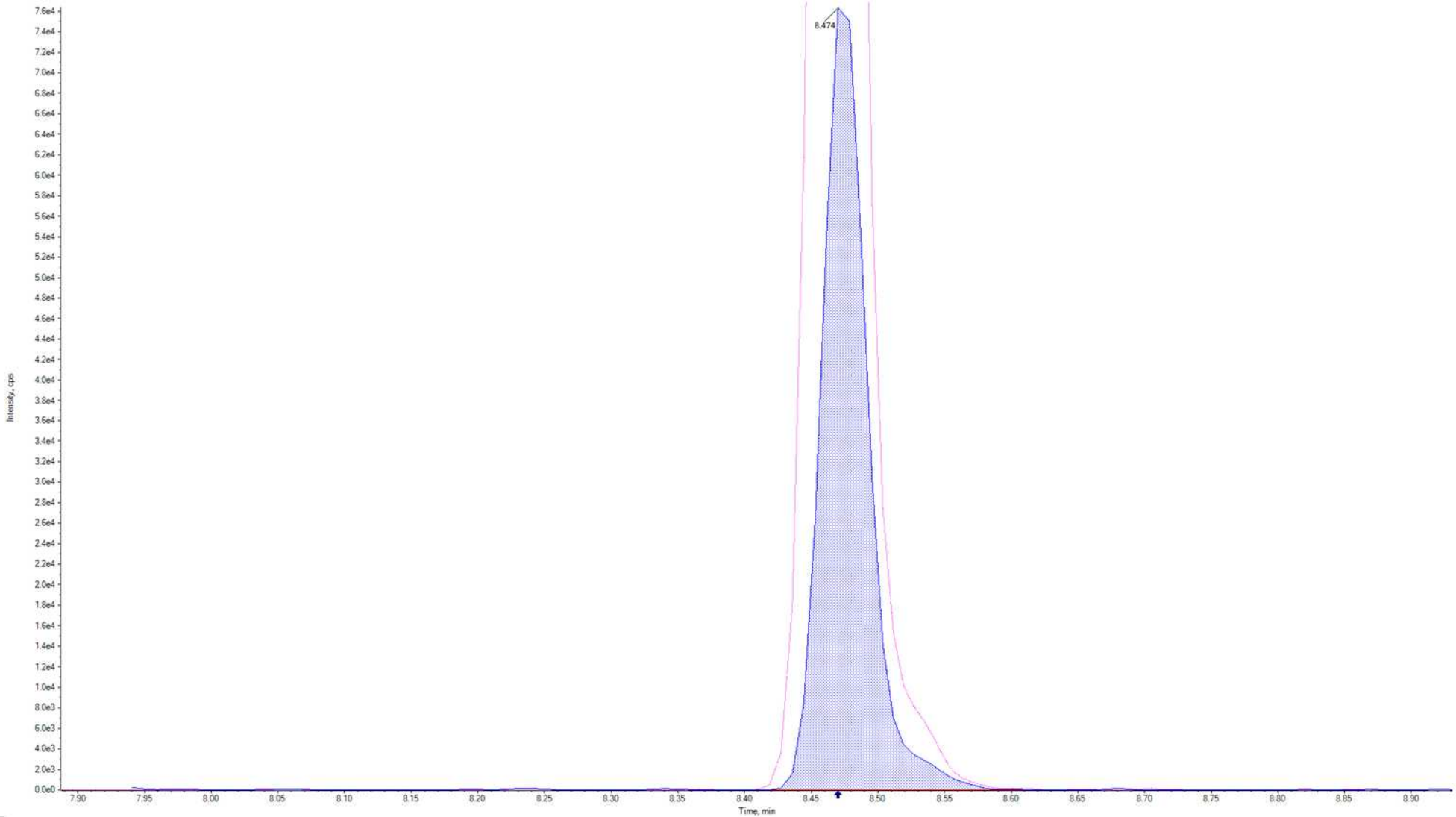
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PFUnA
Sample: IA1633STD-2.5 S/N:2597.4 Points Across peak:34



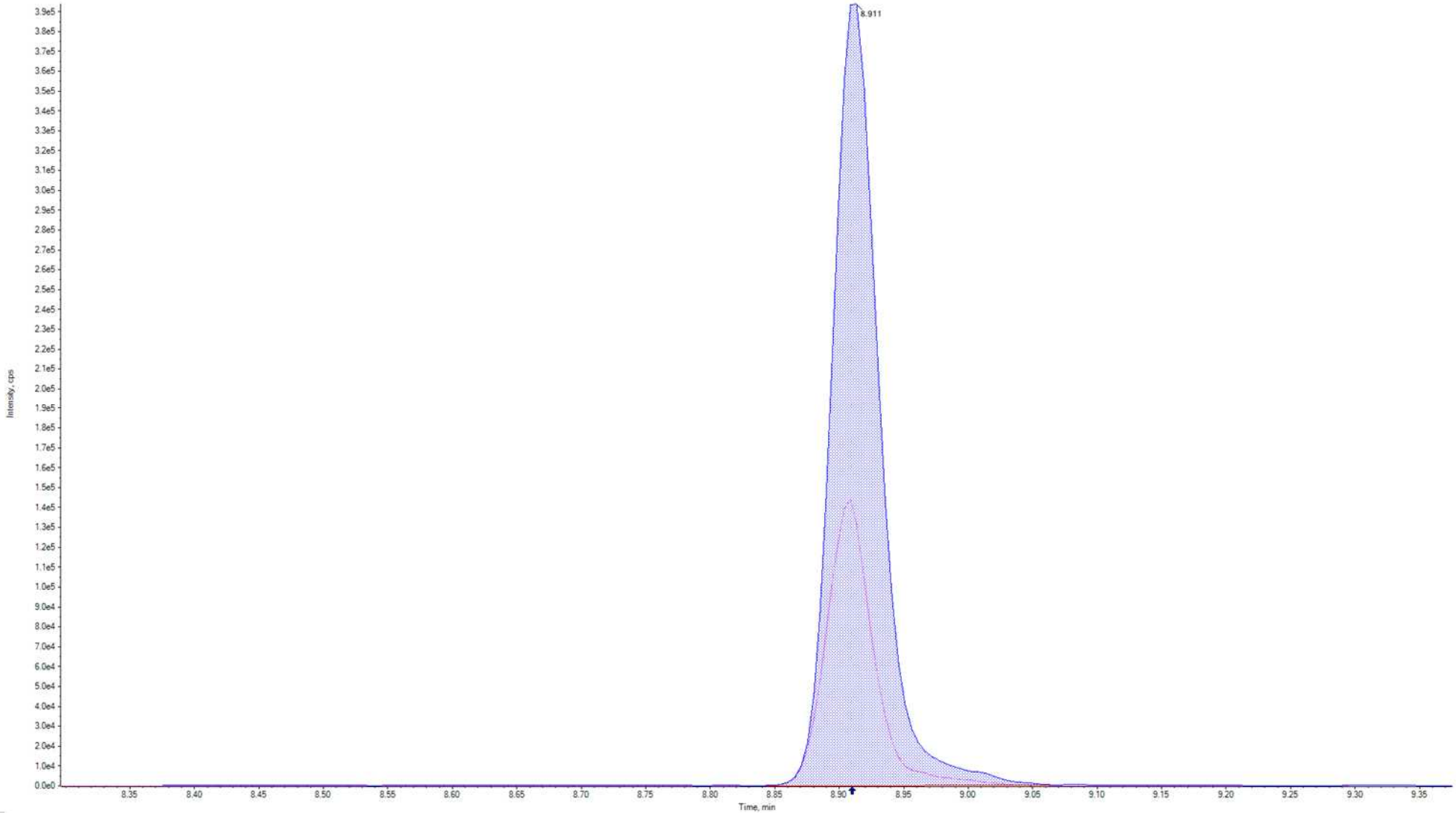
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA_2
Sample: IA1633STD-2.5 S/N:2133.2 Points Across peak:31



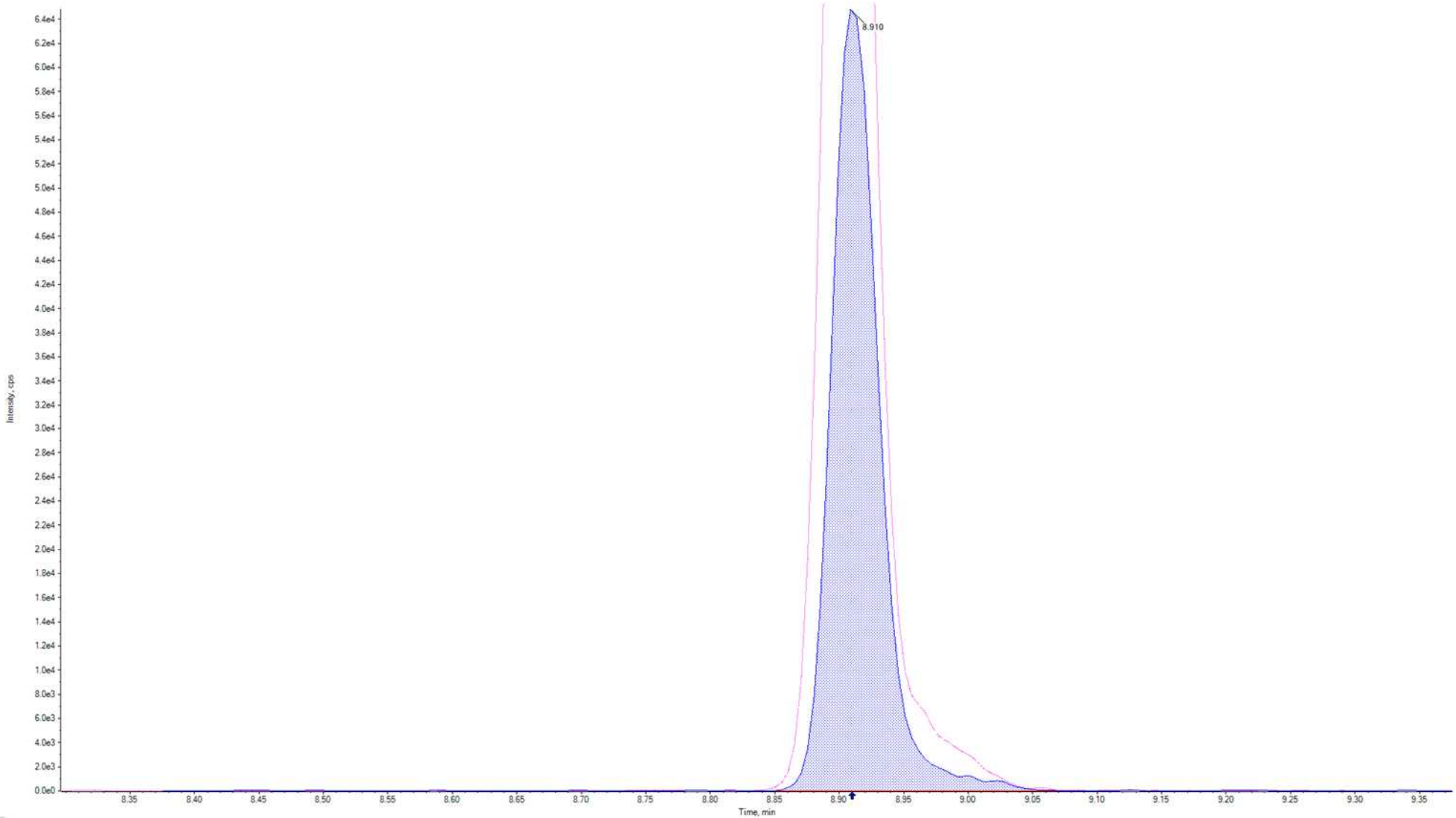
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA
Sample: IA1633STD-2.5 S/N:4572.2 Points Across peak:48



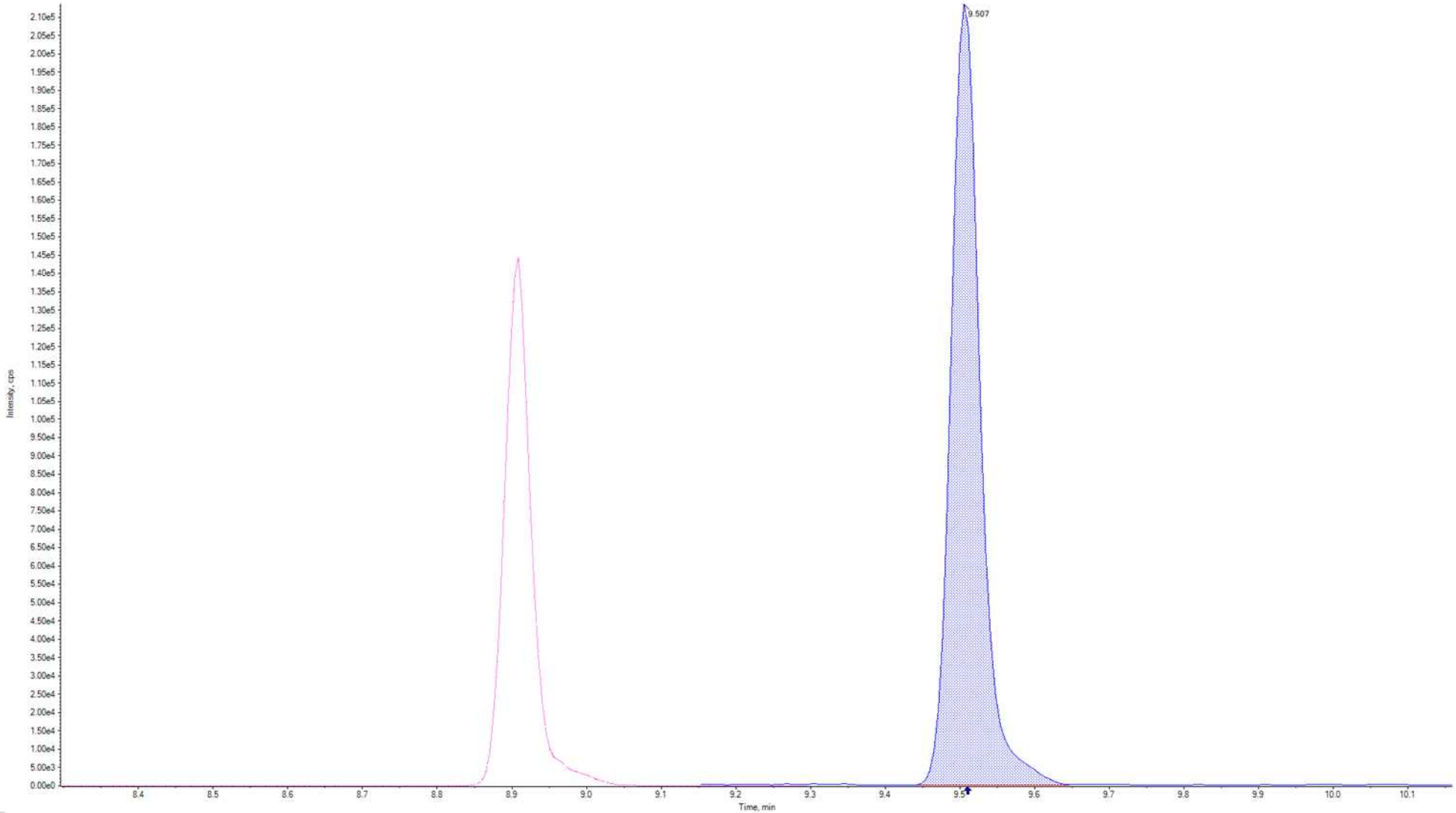
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA_2
Sample: IA1633STD-2.5 S/N:81457.4 Points Across peak:48



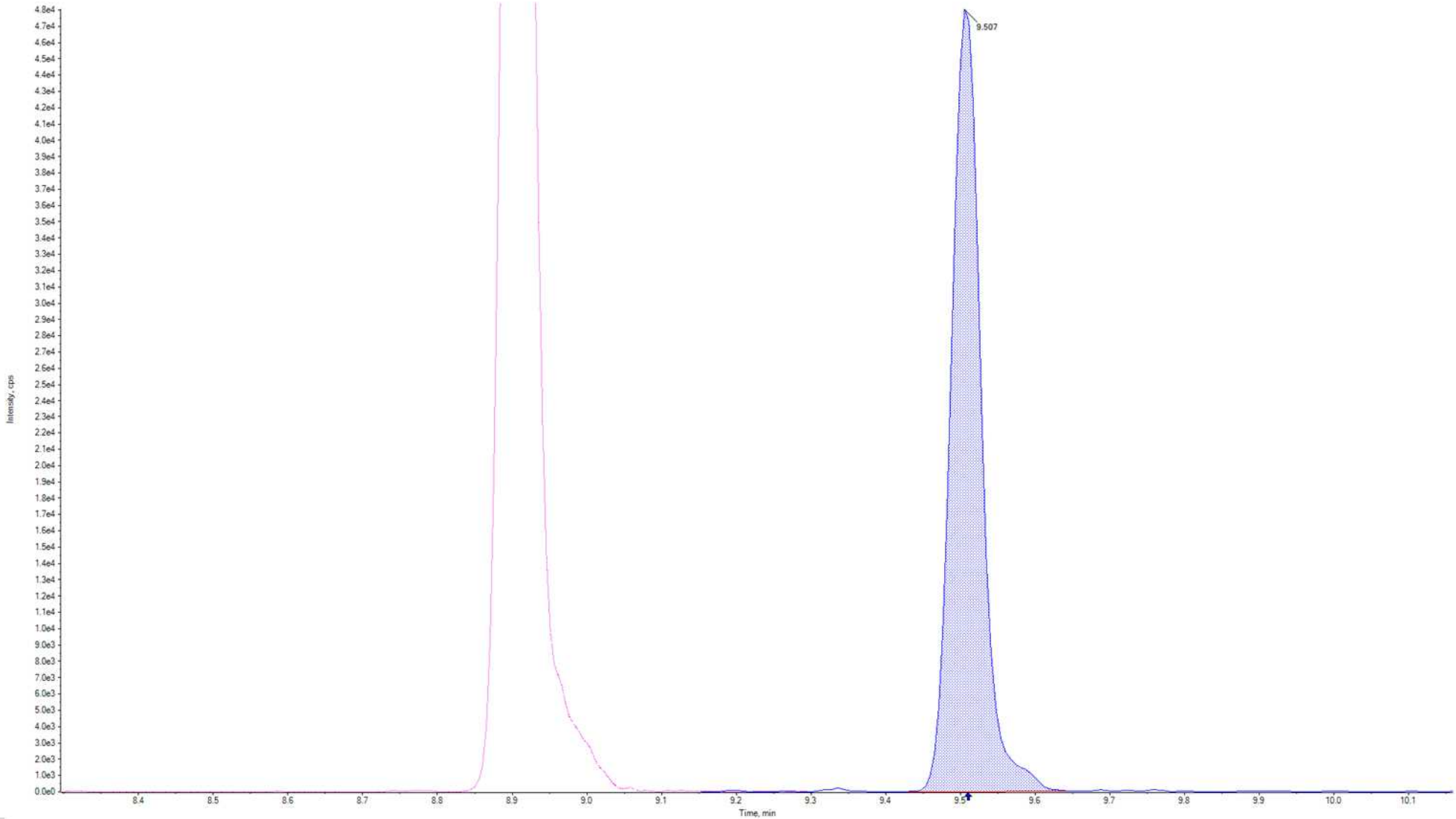
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTrDA
Sample: IA1633STD-2.5 S/N:1853.5 Points Across peak:35



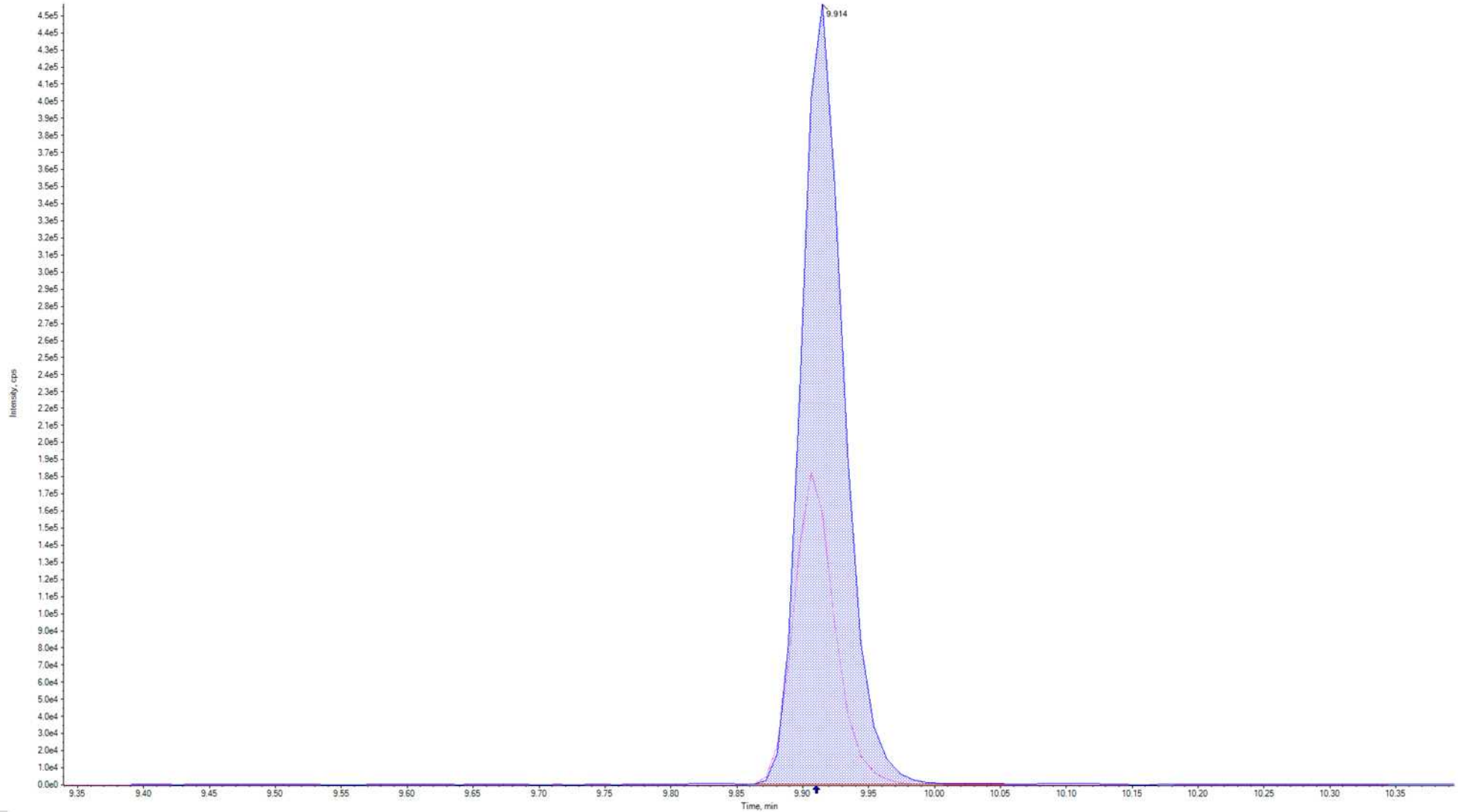
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFTrDA_2
Sample: IA1633STD-2.5 S/N:618684.7 Points Across peak:41



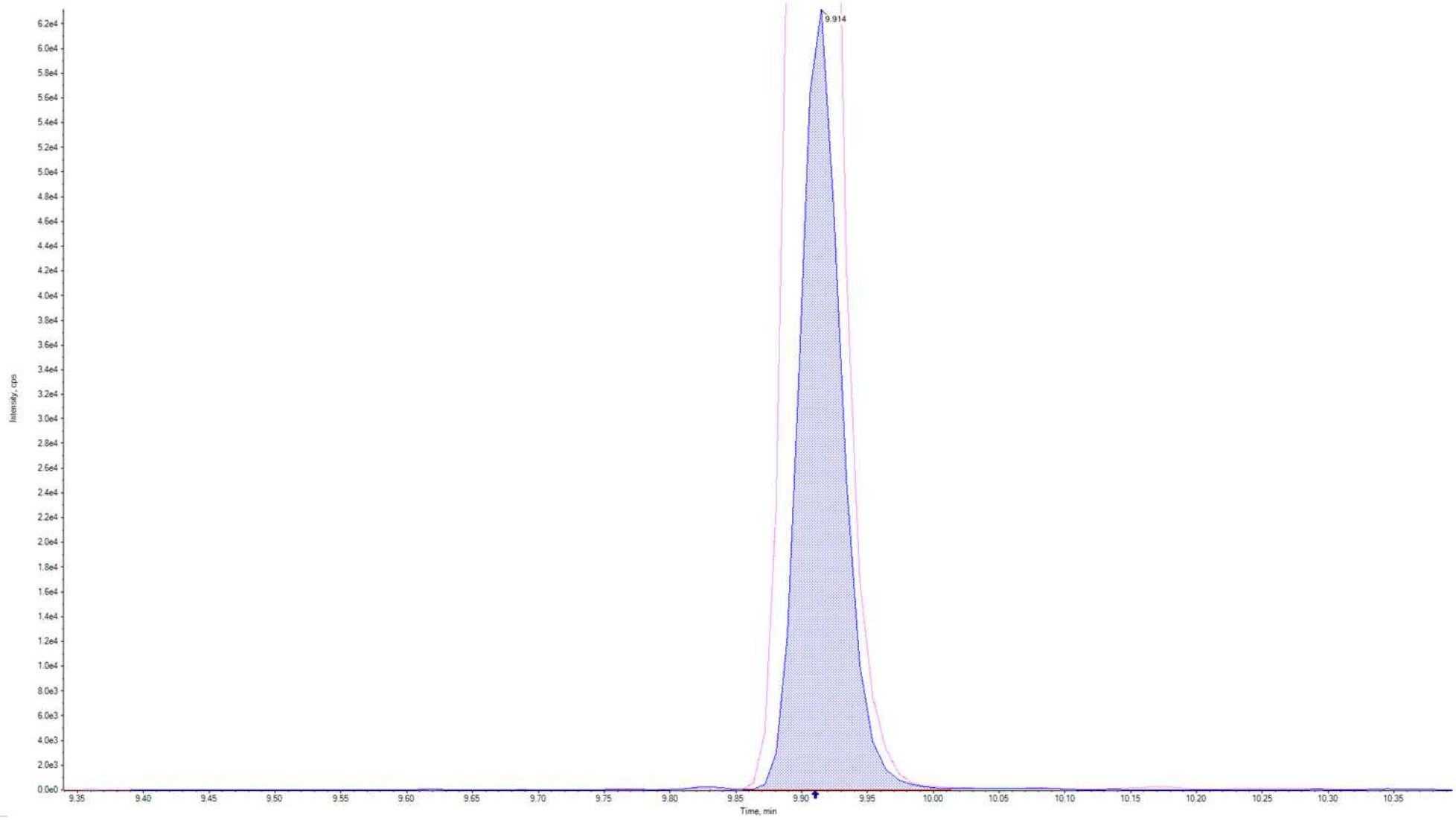
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
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PFTeDA
Sample: IA1633STD-2.5 S/N:2235.9 Points Across peak:22



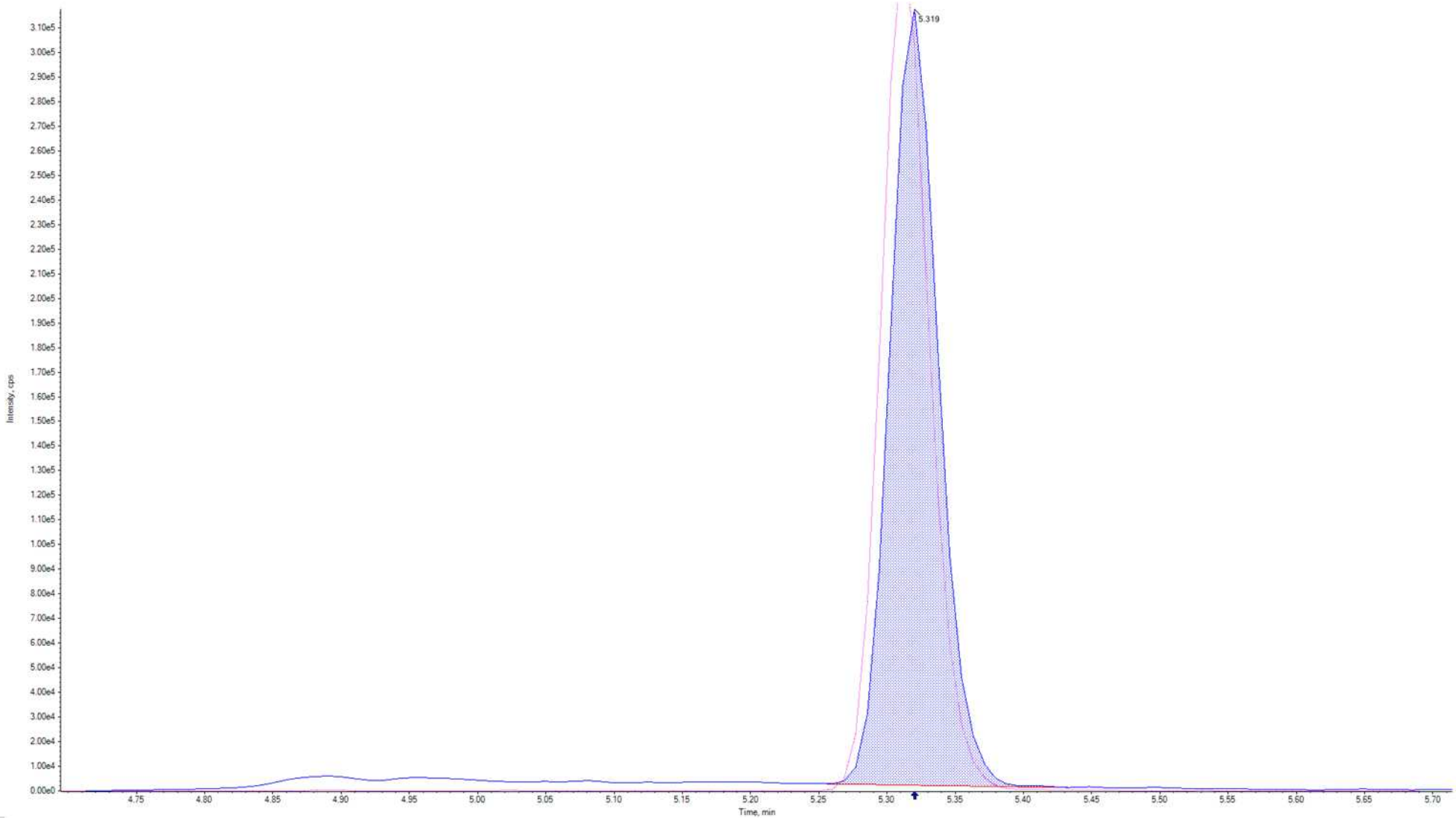
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Alpha Analytical Inc.
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PFTeDA_2
Sample: IA1633STD-2.5 S/N:2344.4 Points Across peak:18



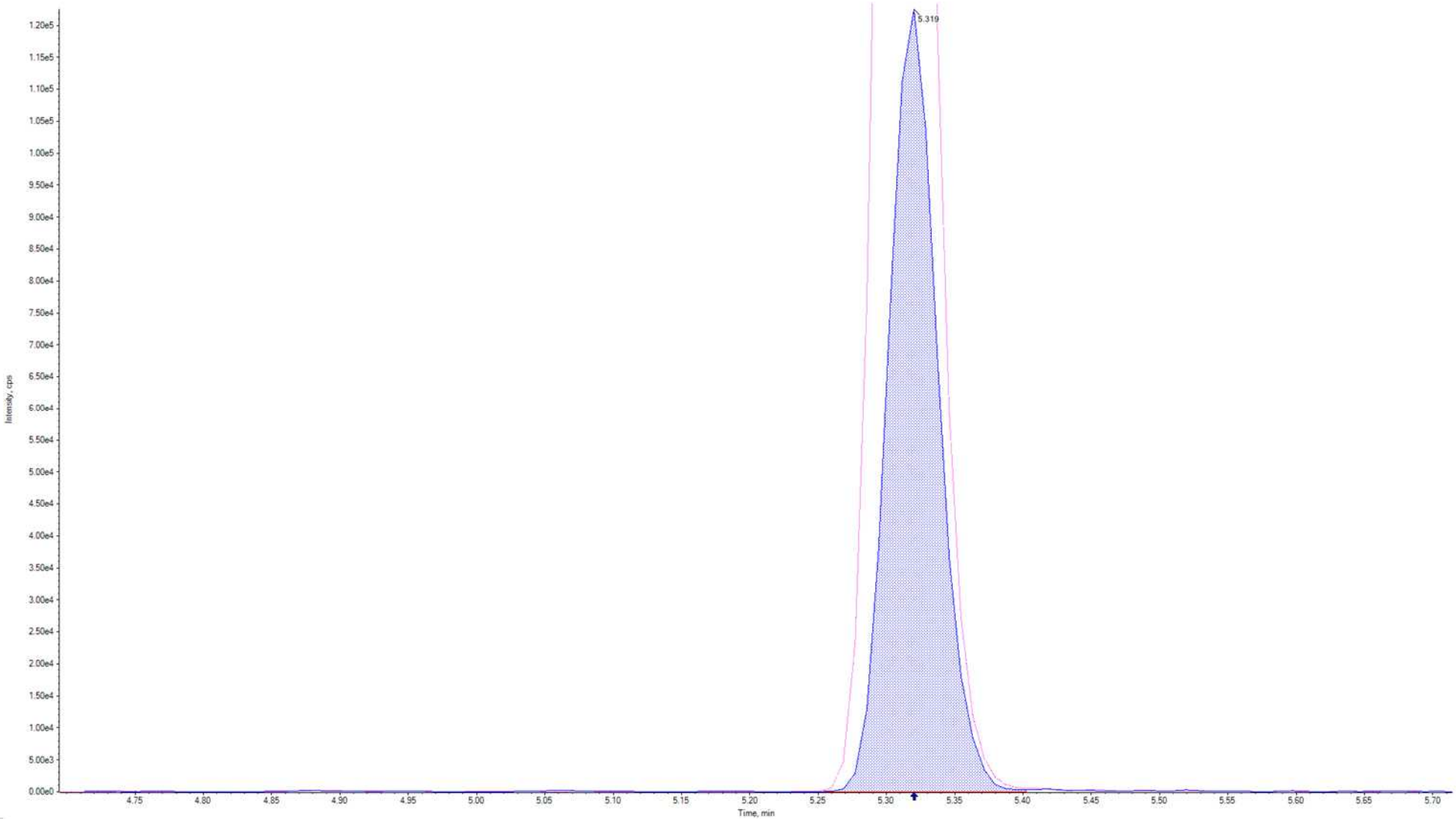
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFBS
Sample: IA1633STD-2.5 S/N:70.1 Points Across peak:23



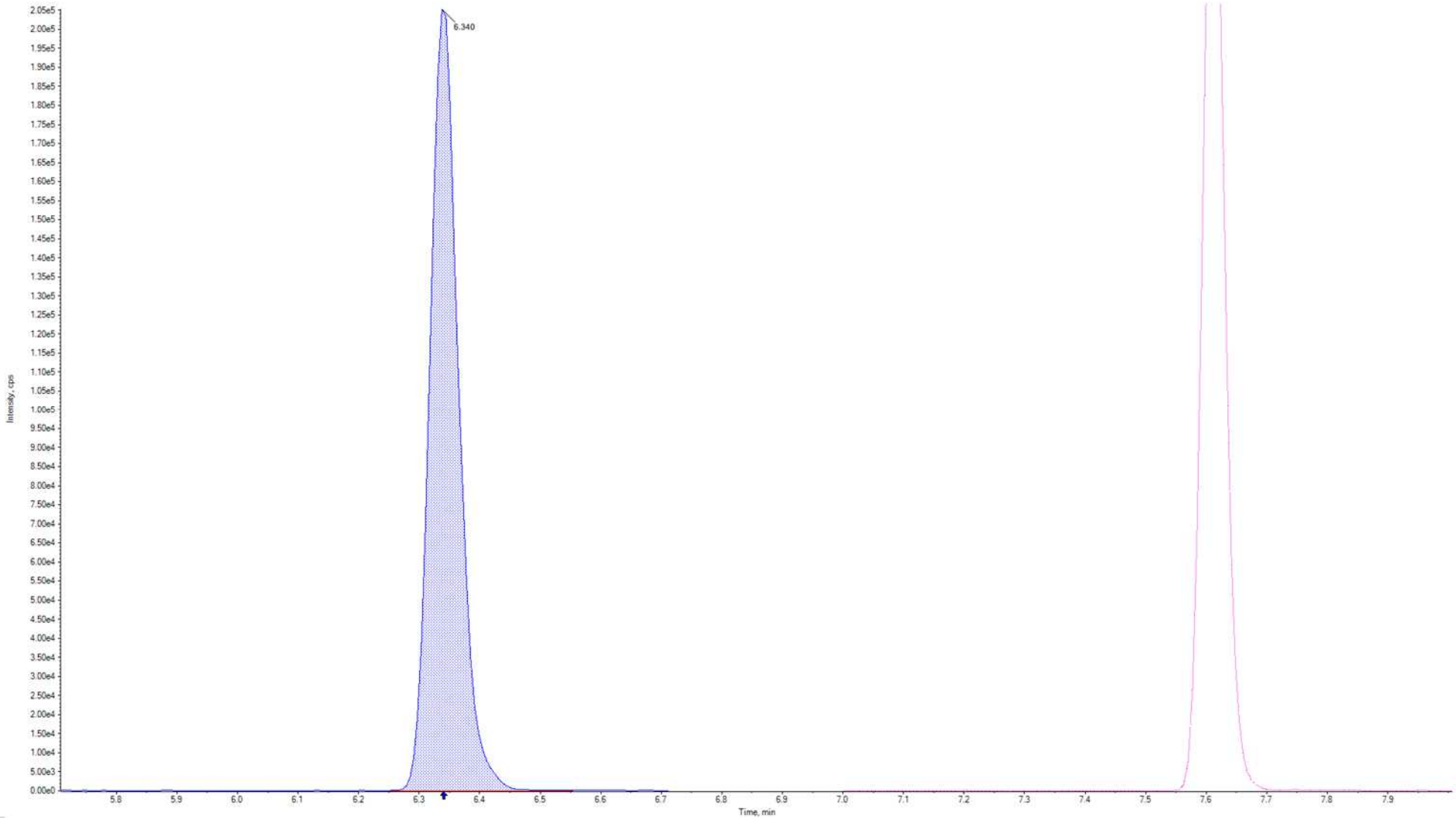
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Generated: 8/14/2024 6:27:11 AM

PFBS_2
Sample: IA1633STD-2.5 S/N:2384.1 Points Across peak:19



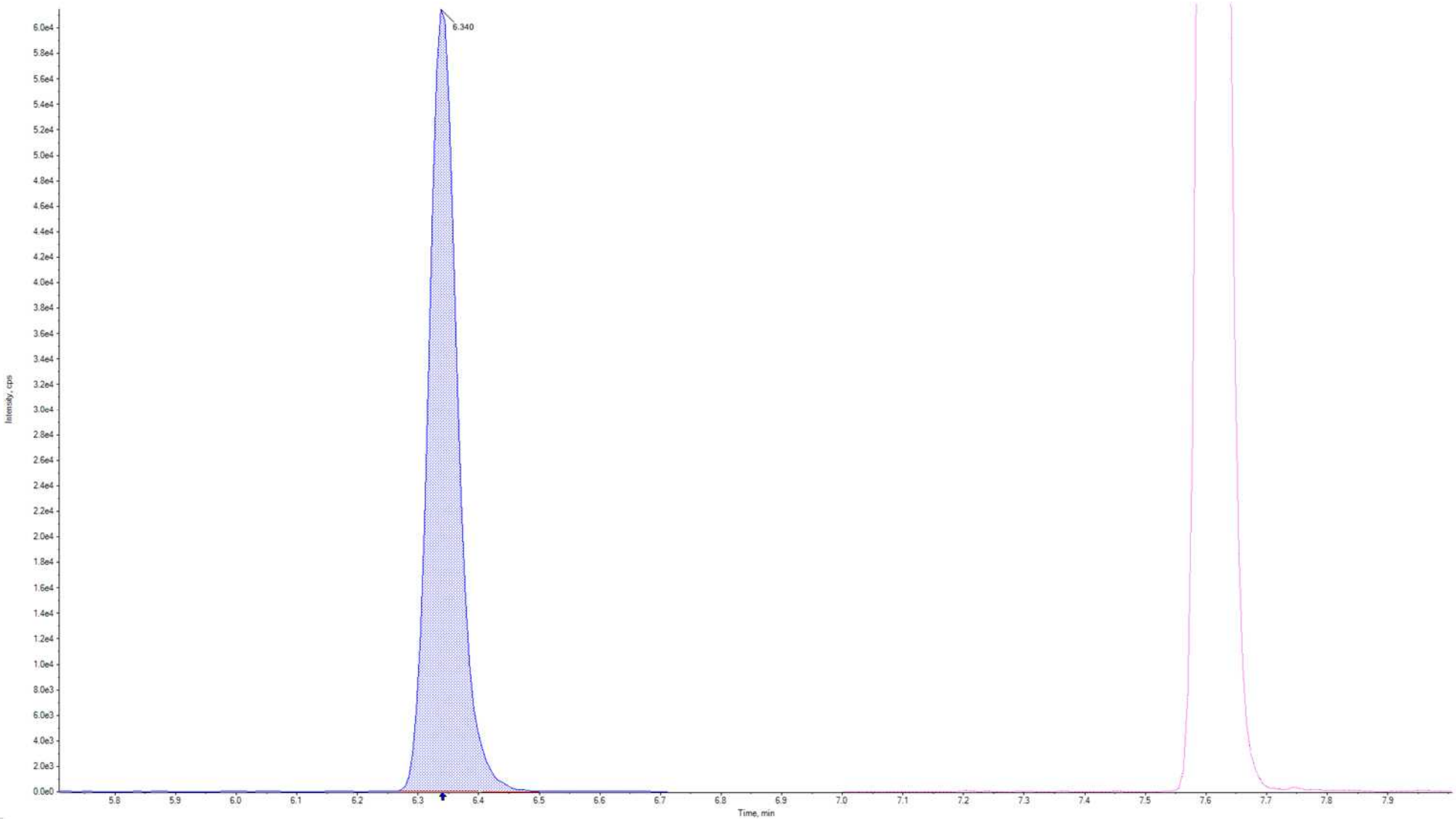
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Generated: 8/14/2024 6:27:11 AM

PFPeS
Sample: IA1633STD-2.5 S/N:5997.2 Points Across peak:48



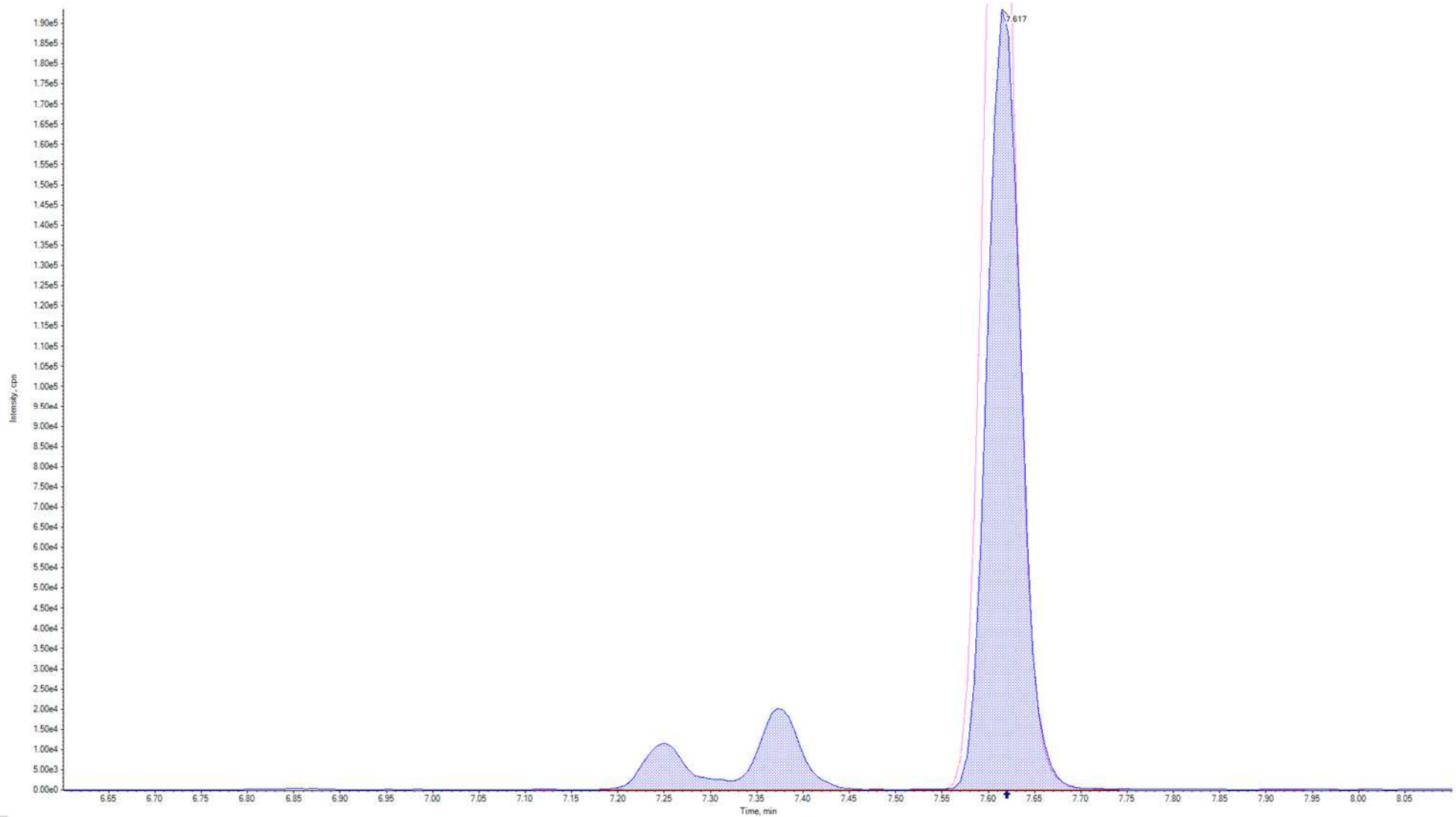
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFPeS_2
Sample: IA1633STD-2.5 S/N:8753.7 Points Across peak:40



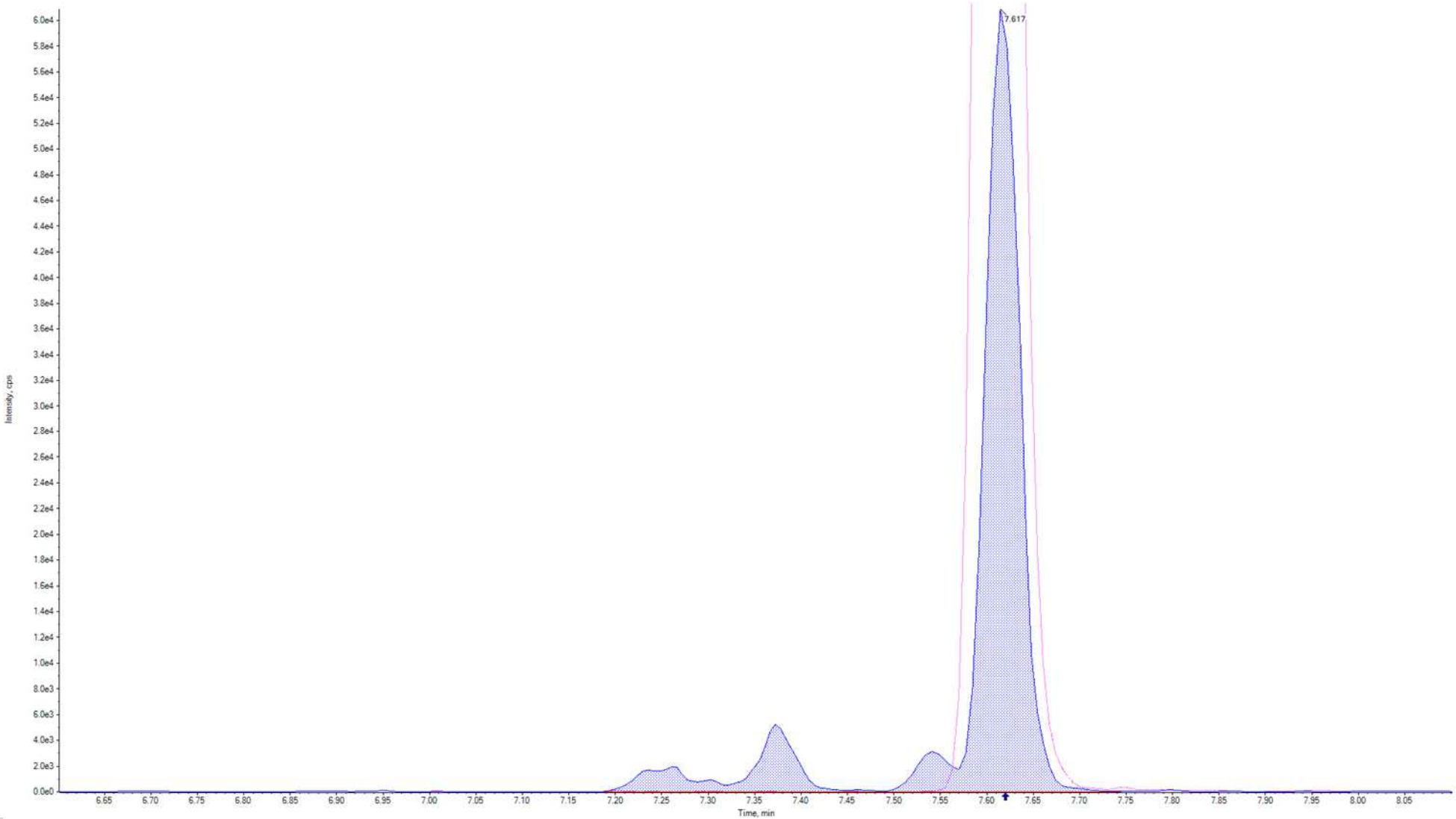
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS
Sample: IA1633STD-2.5 S/N:40481.1 Points Across peak:93



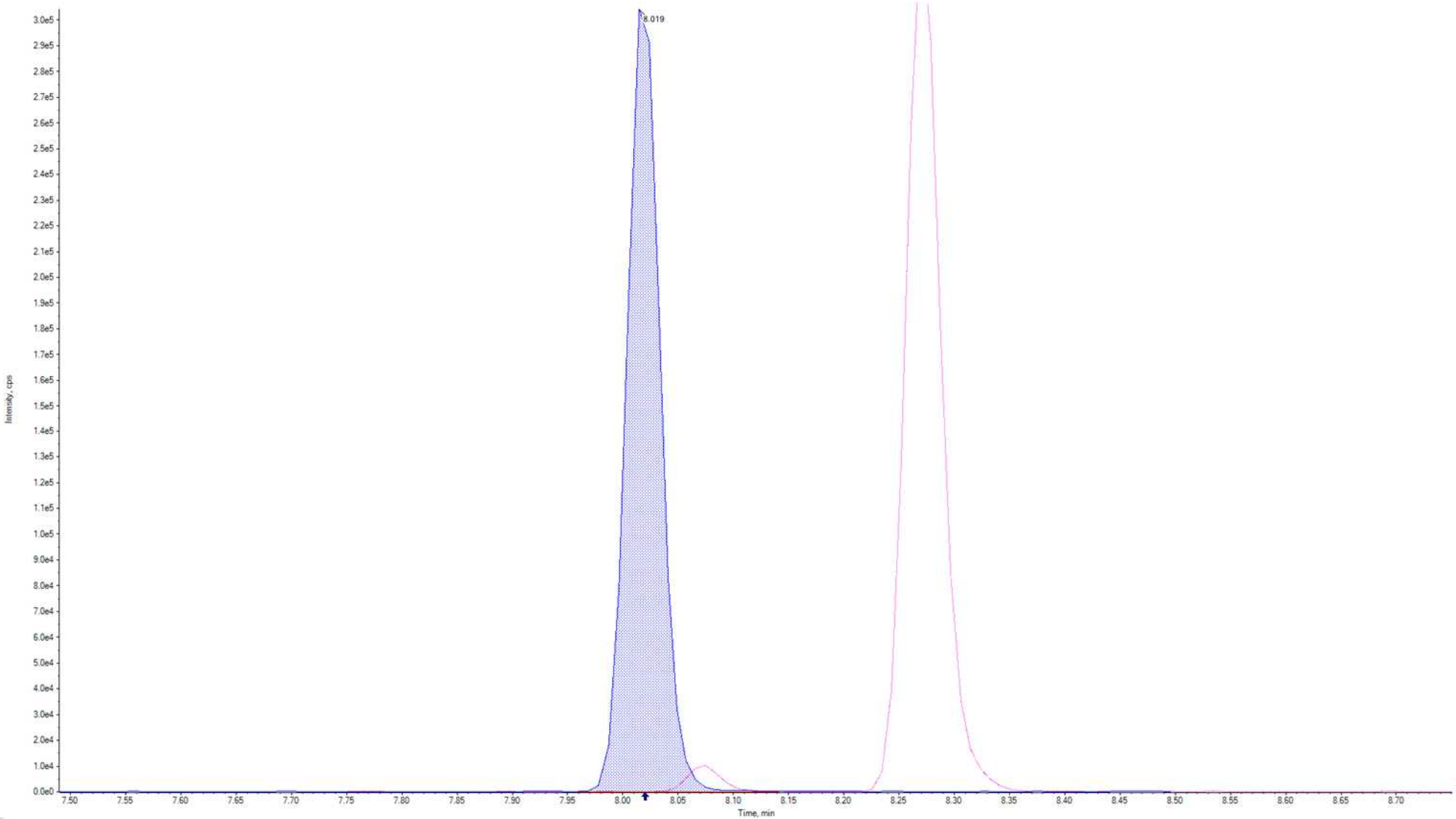
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS_2
Sample: IA1633STD-2.5 S/N:1538.3 Points Across peak:91



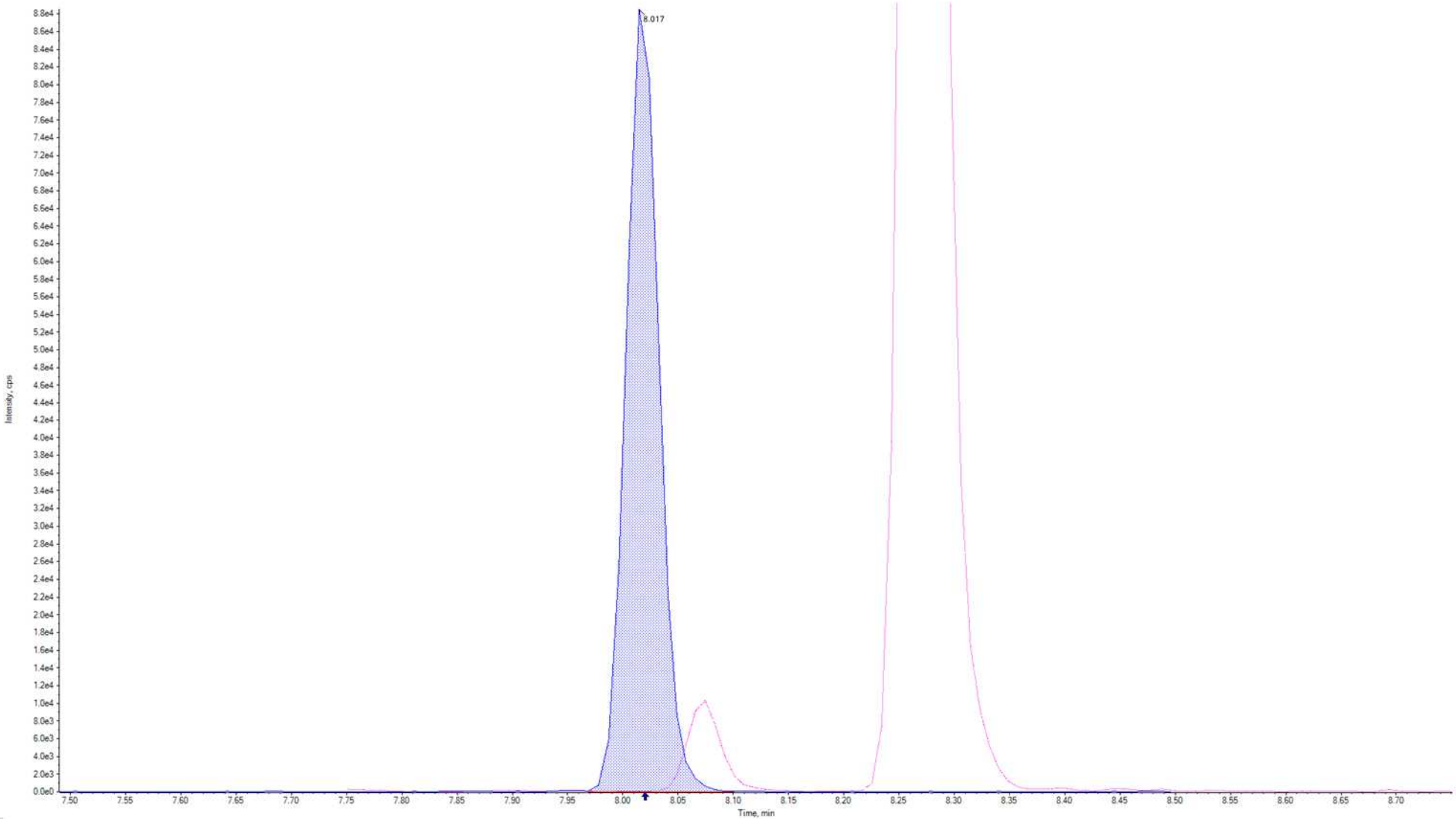
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS
Sample: IA1633STD-2.5 S/N:1174053.3 Points Across peak:23



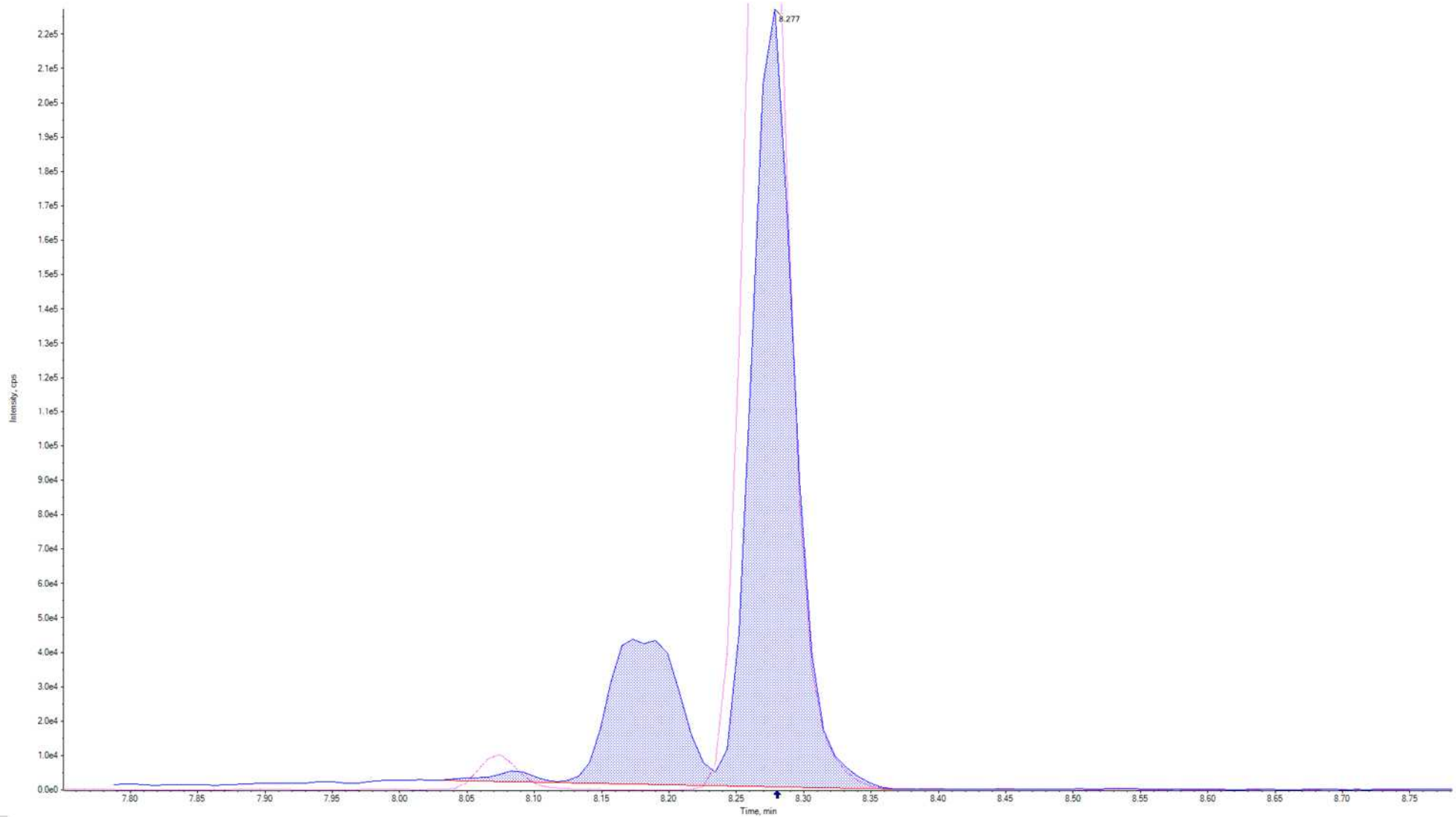
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS_2
Sample: IA1633STD-2.5 S/N:1498.2 Points Across peak:16



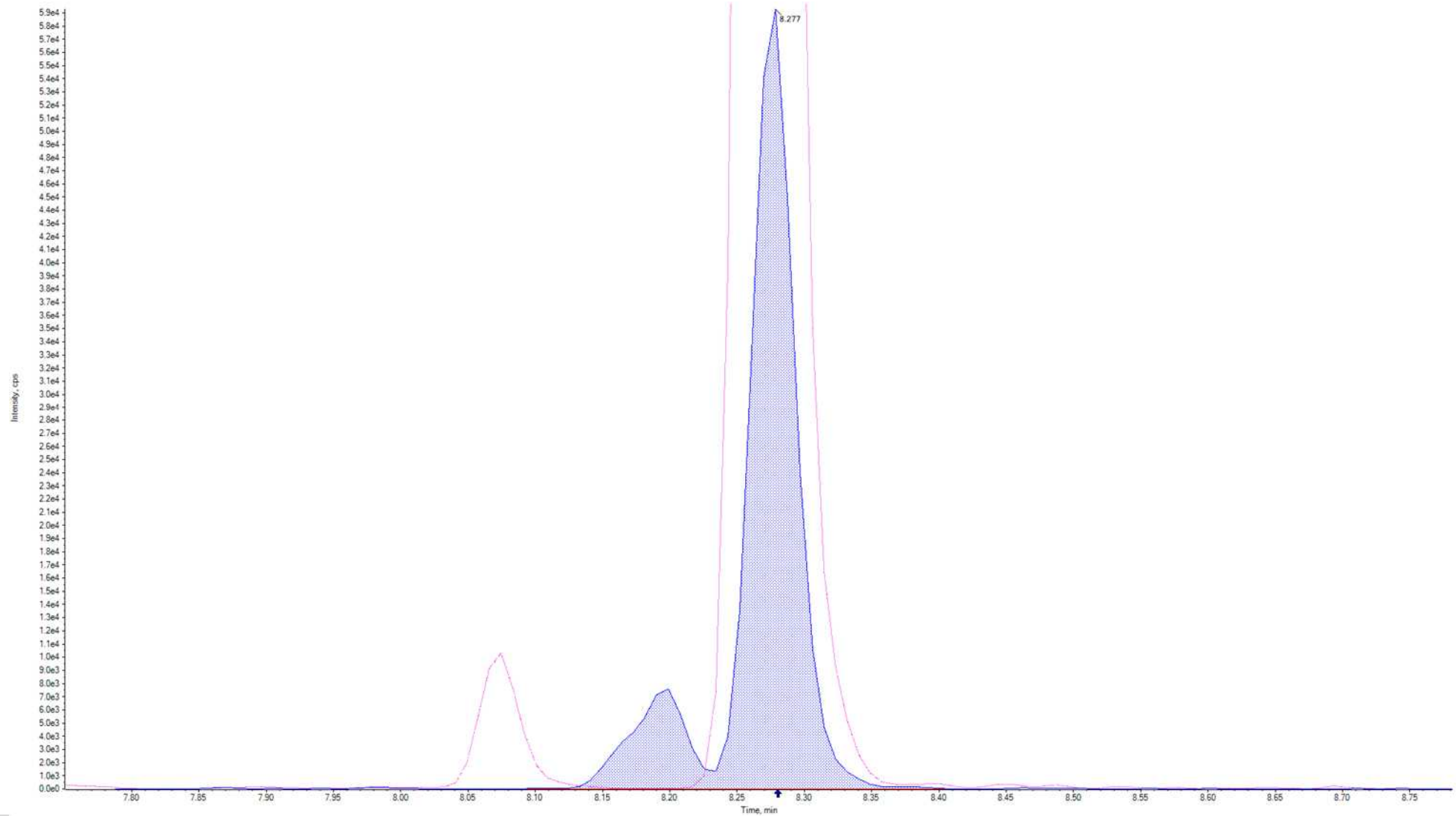
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOS
Sample: IA1633STD-2.5 S/N:1869.6 Points Across peak:42



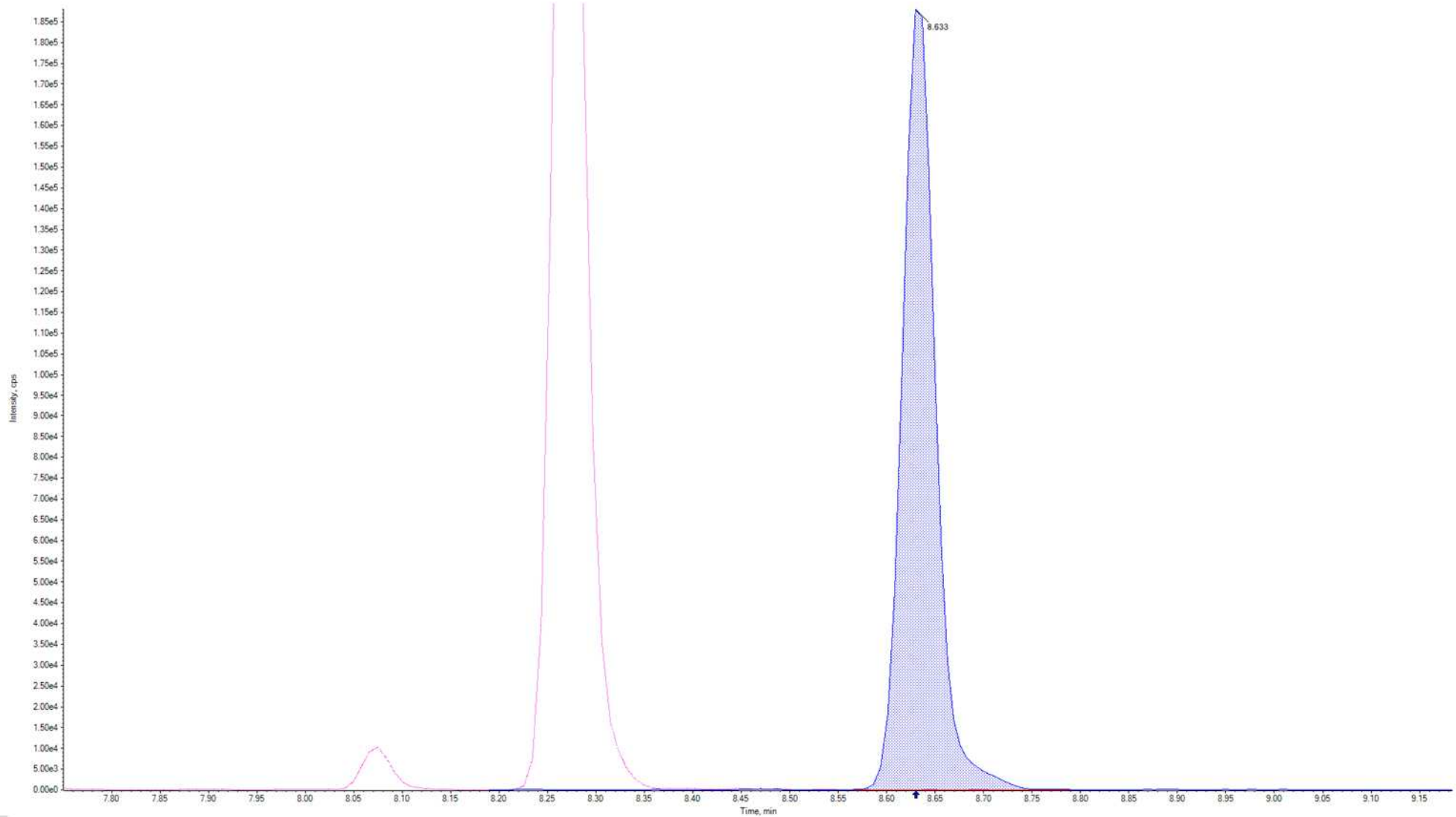
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOS_2
Sample: IA1633STD-2.5 S/N:1521.6 Points Across peak:44



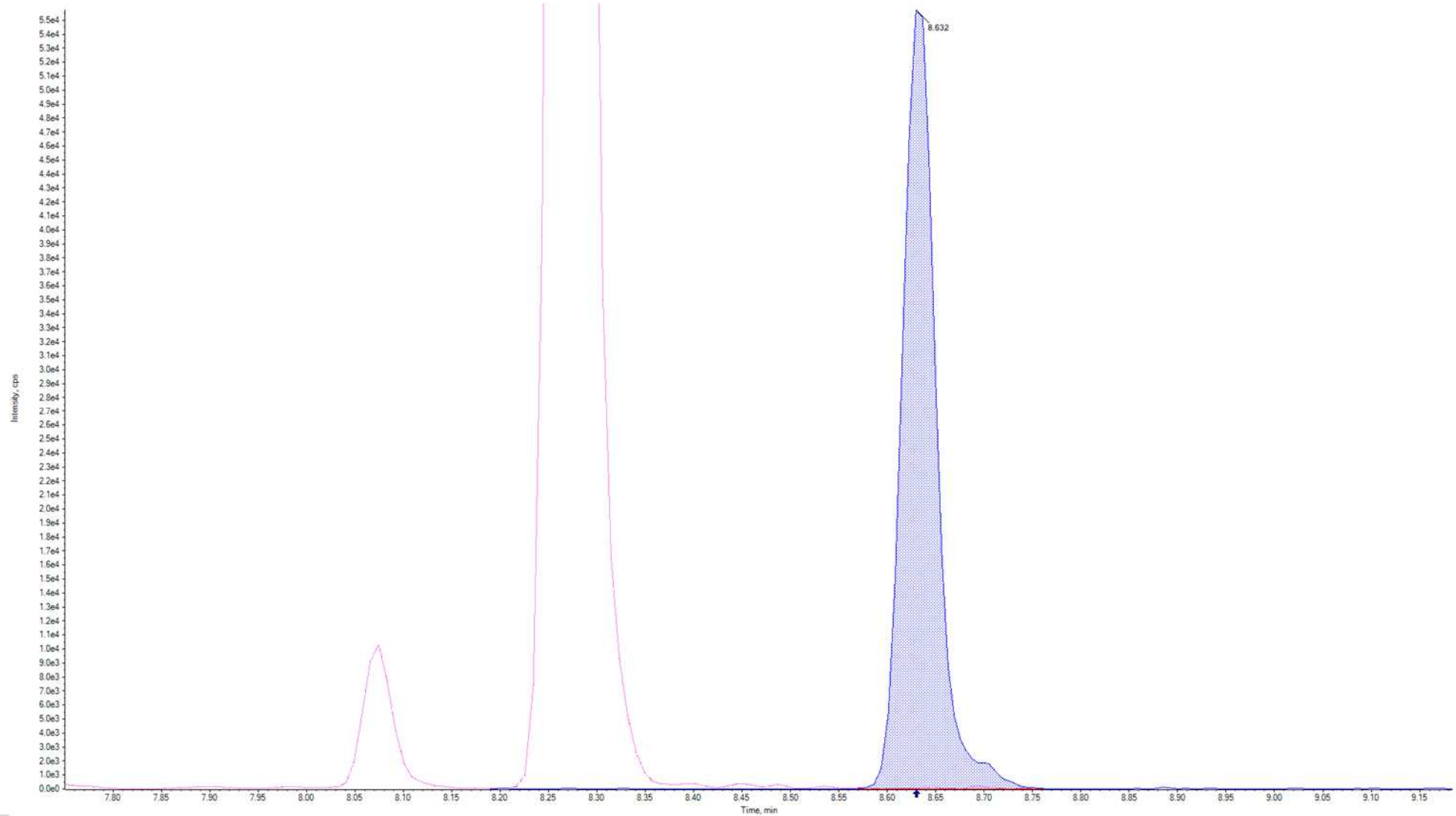
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNS
Sample: IA1633STD-2.5 S/N:13160.4 Points Across peak:41



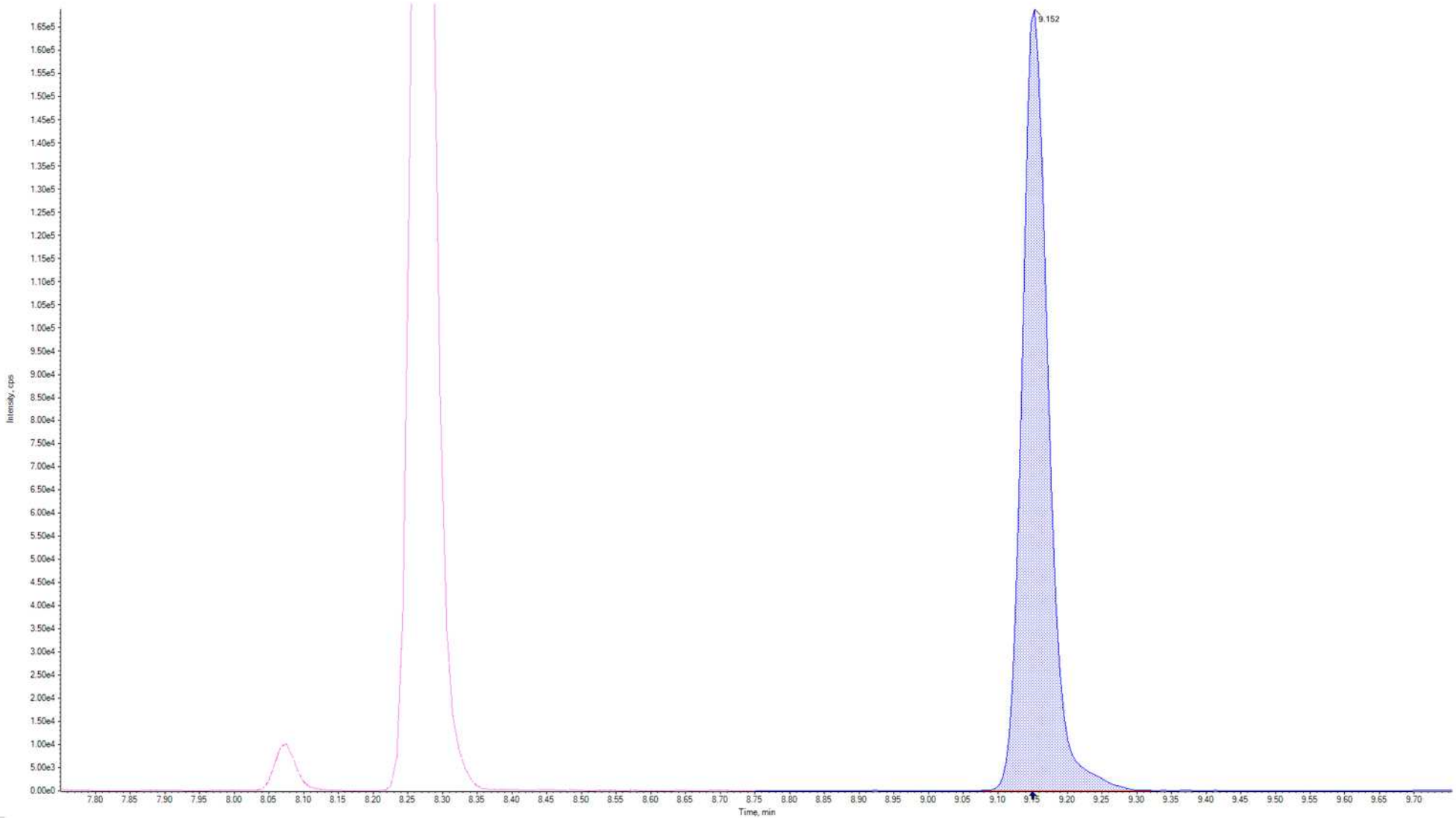
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNS_2
Sample: IA1633STD-2.5 S/N:2694.8 Points Across peak:36



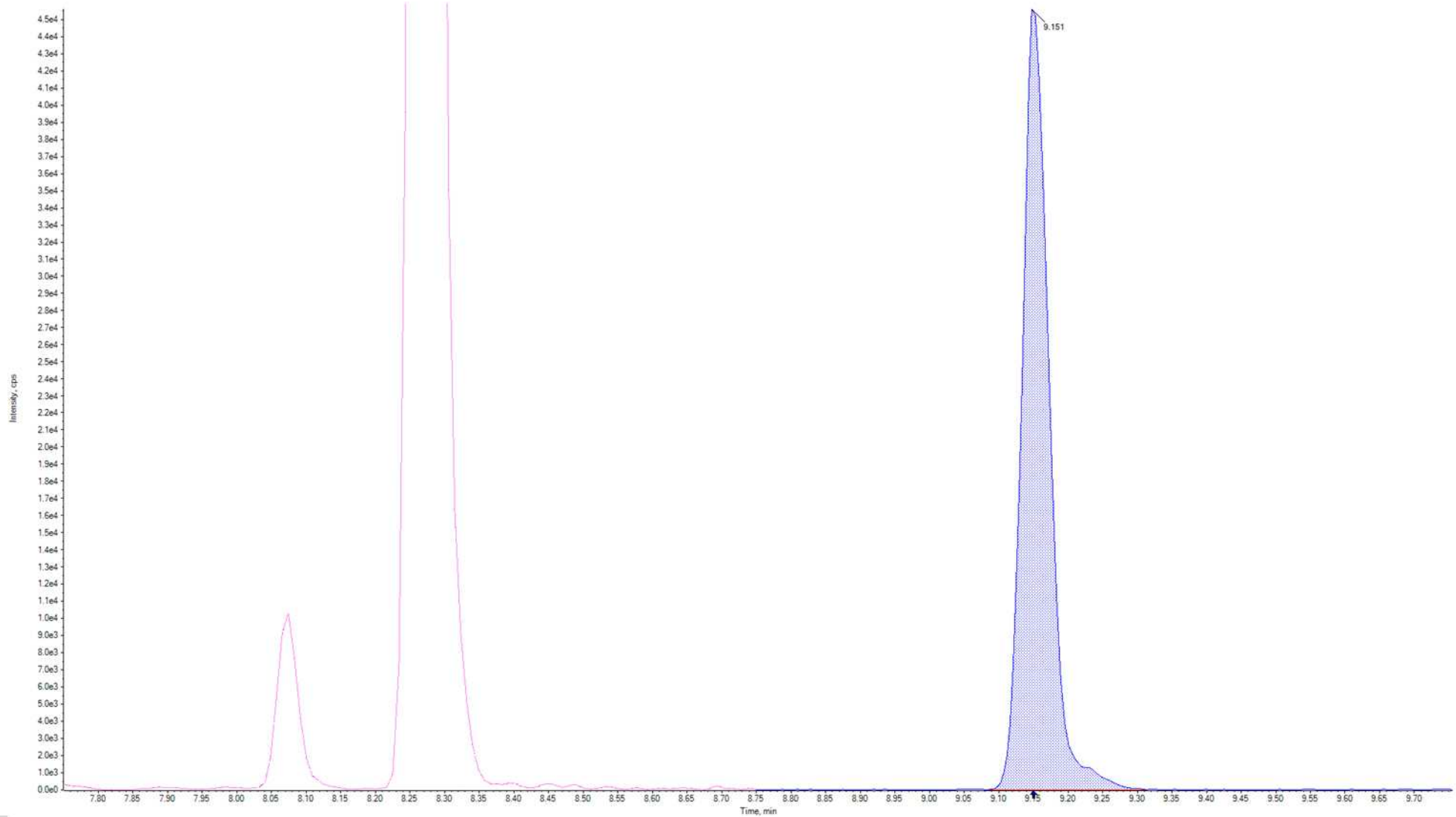
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDS
Sample: IA1633STD-2.5 S/N:10431.2 Points Across peak:49



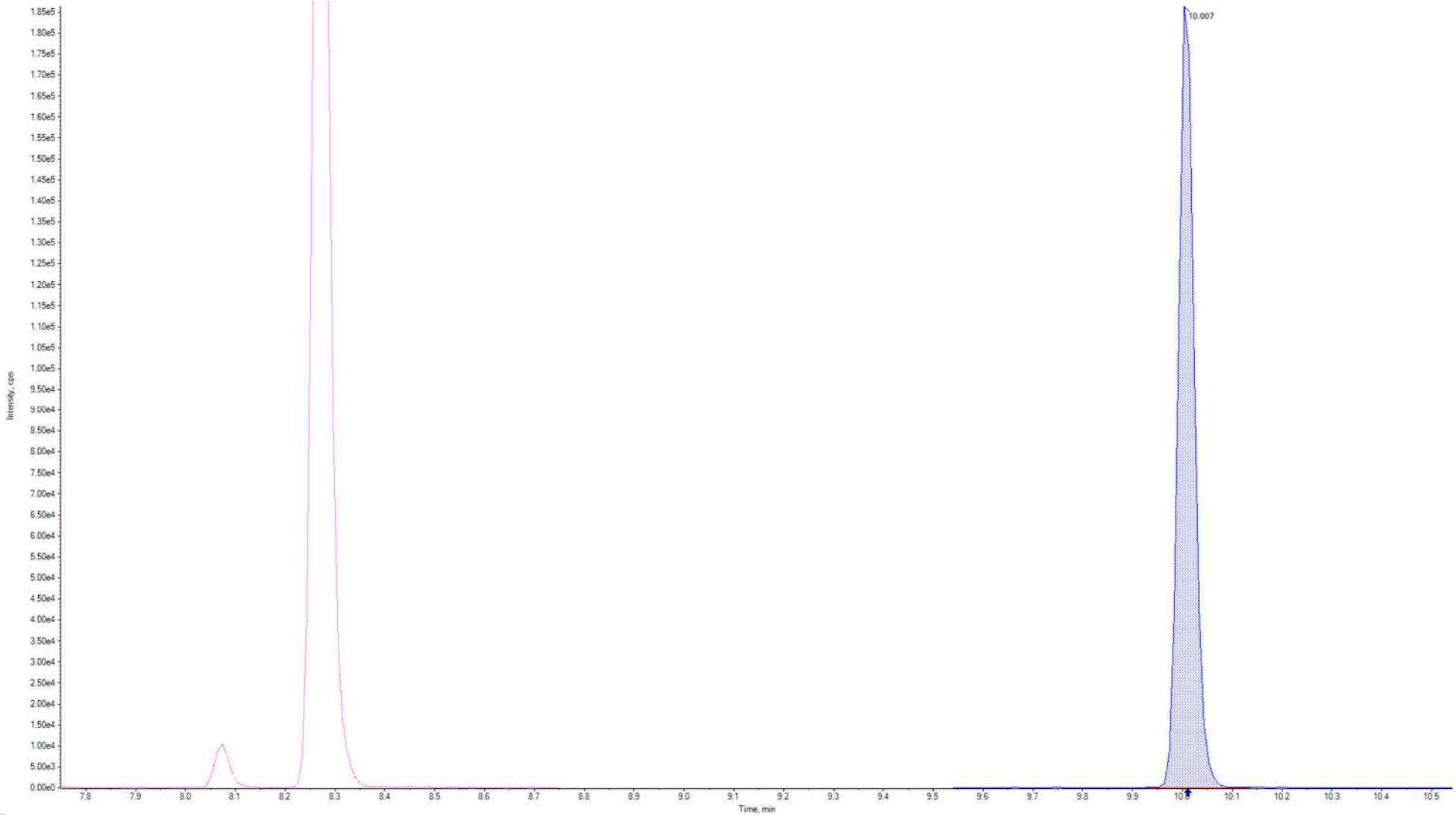
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDS_2
Sample: IA1633STD-2.5 S/N:3096.5 Points Across peak:44



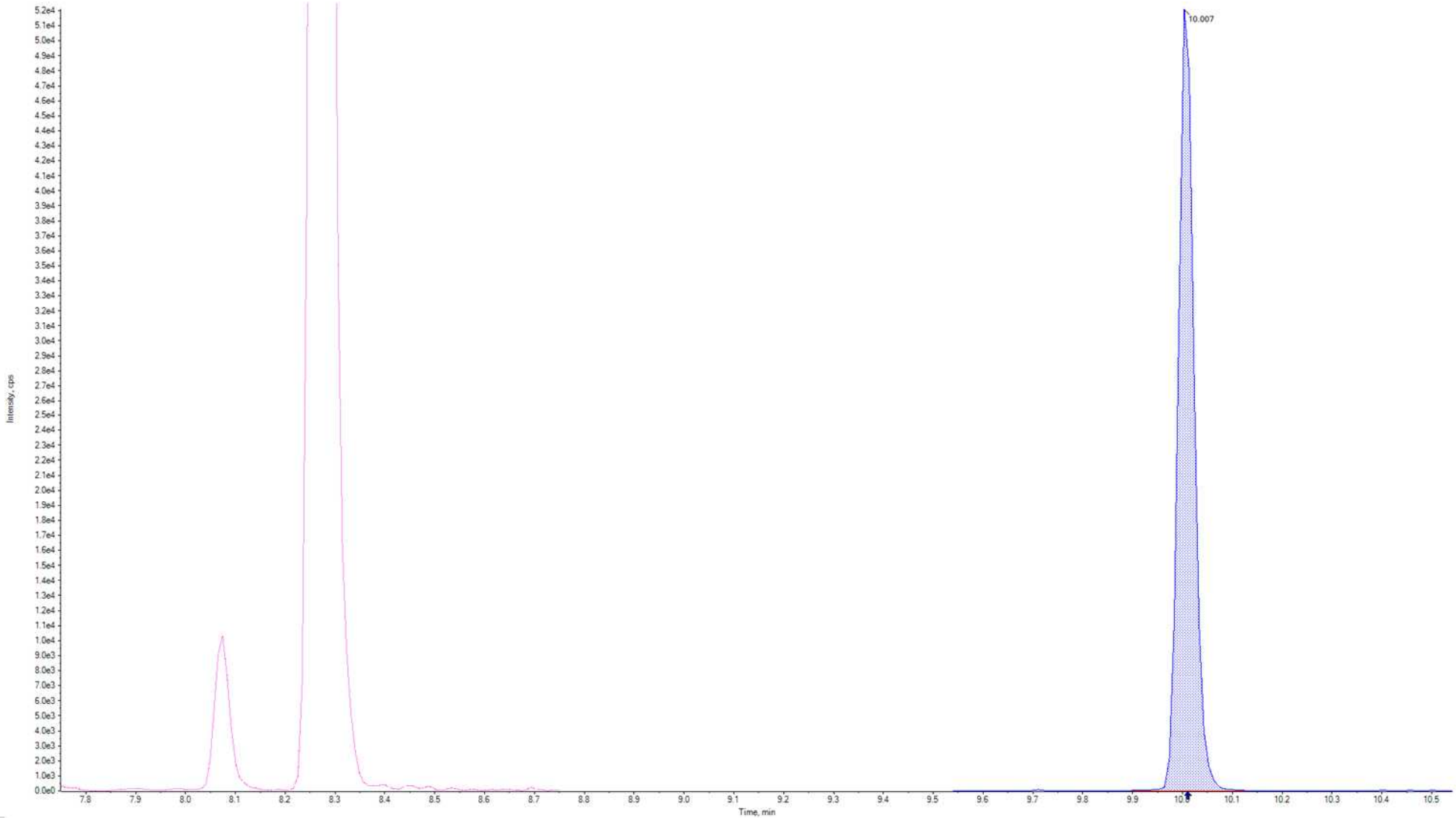
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS
Sample: IA1633STD-2.5 S/N:22260.7 Points Across peak:24



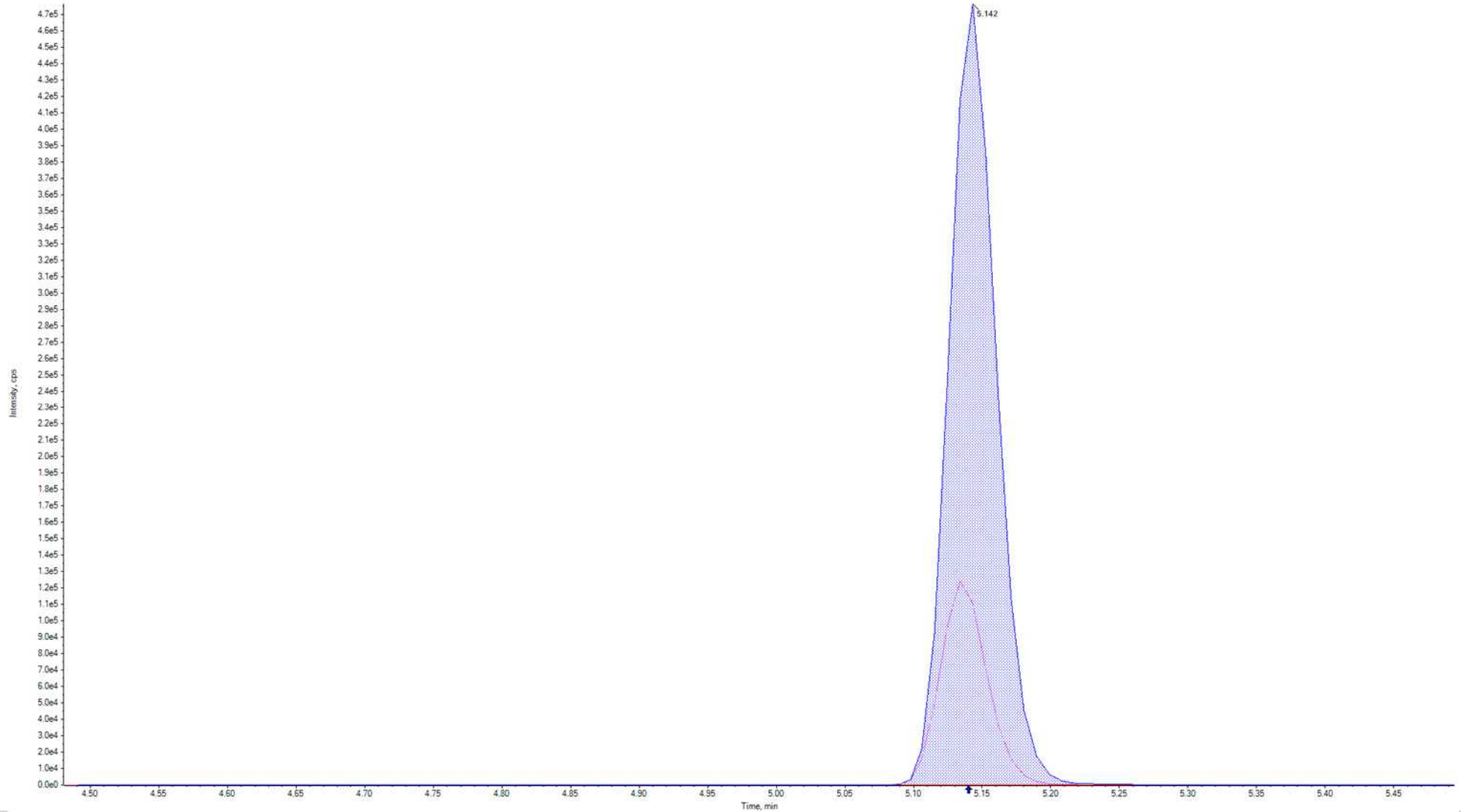
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS_2
Sample: IA1633STD-2.5 S/N:2492.1 Points Across peak:29



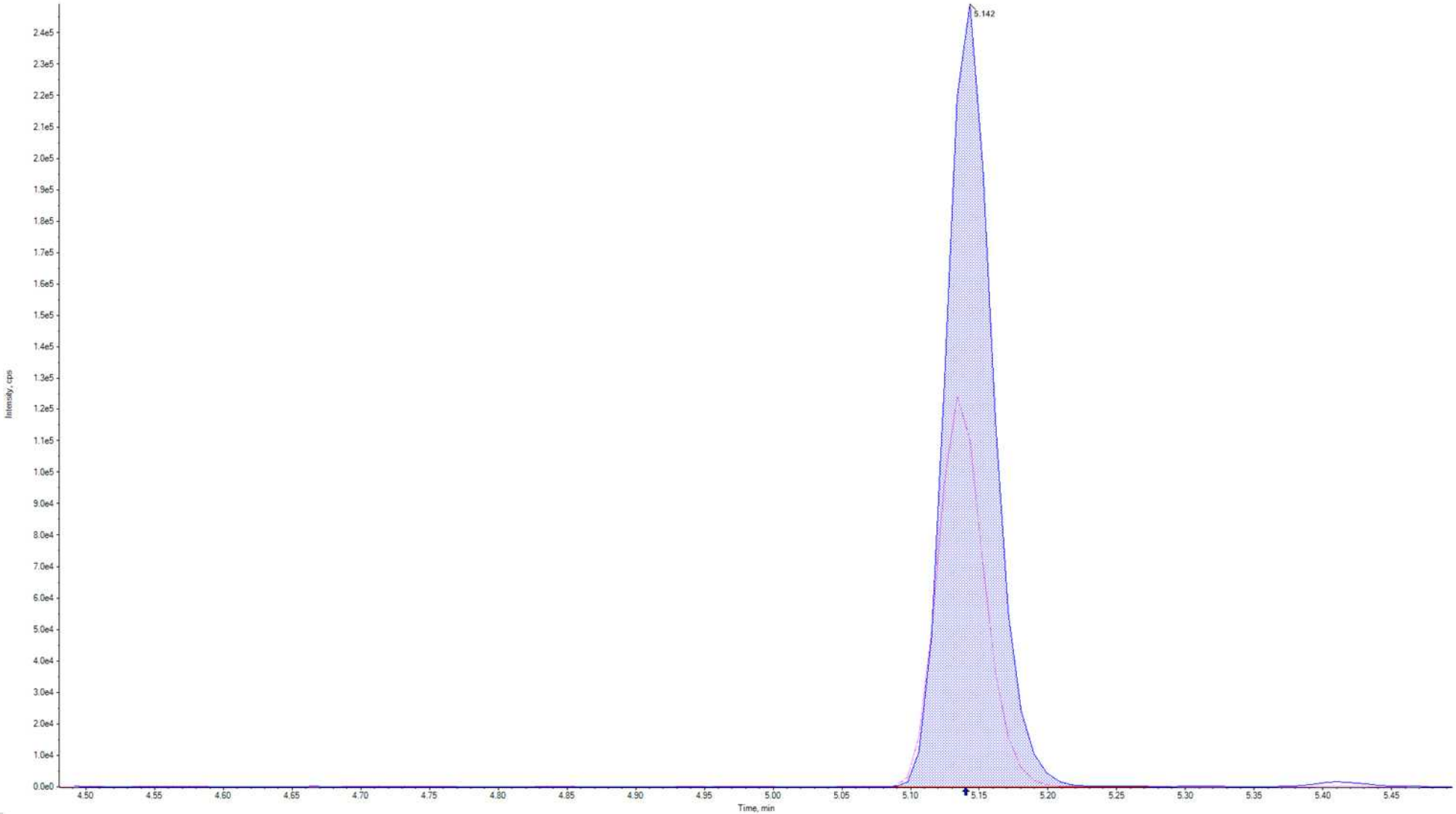
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS
Sample: IA1633STD-2.5 S/N:4171.7 Points Across peak:30



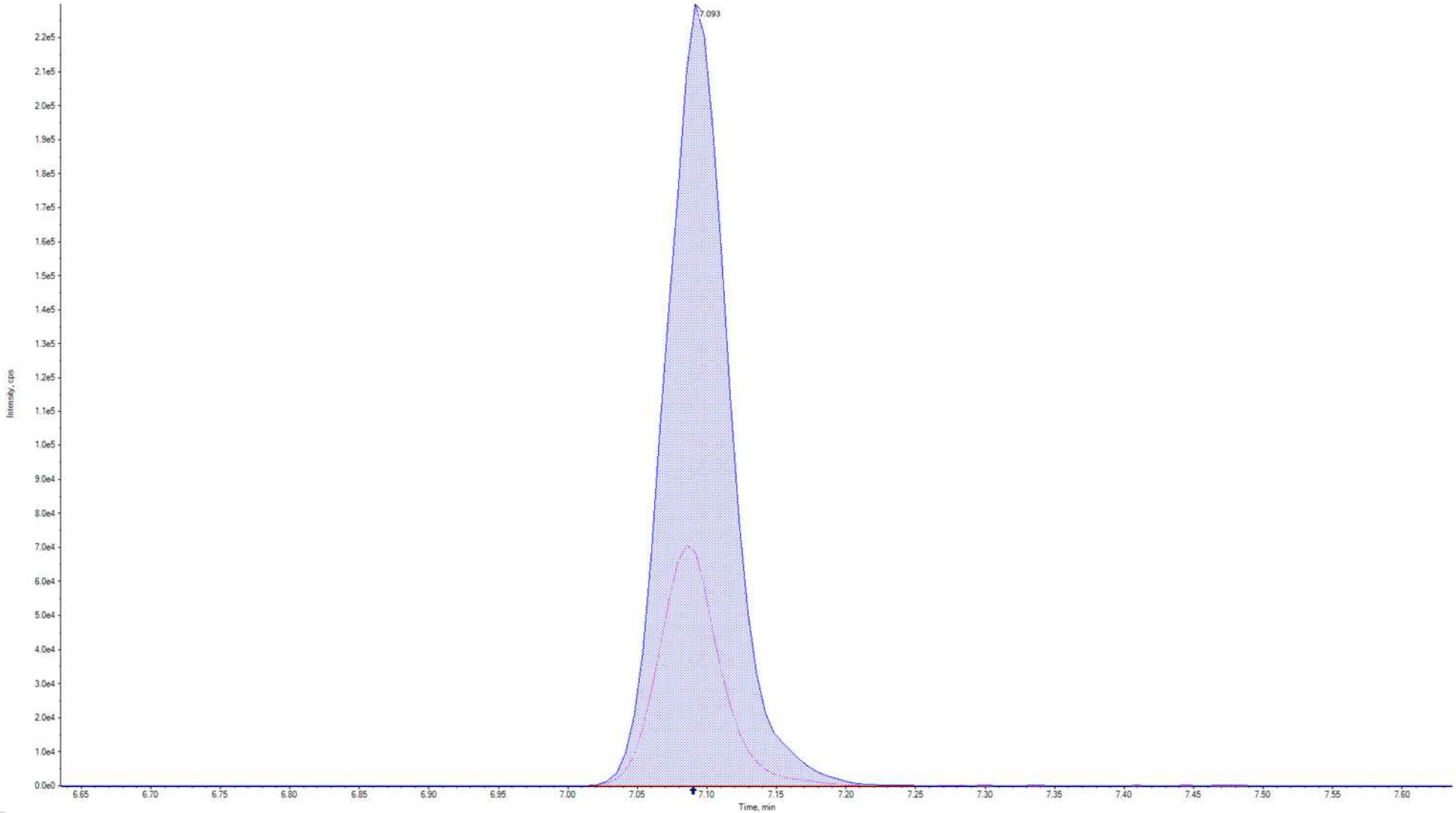
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS_2
Sample: IA1633STD-2.5 S/N:4893.3 Points Across peak:25



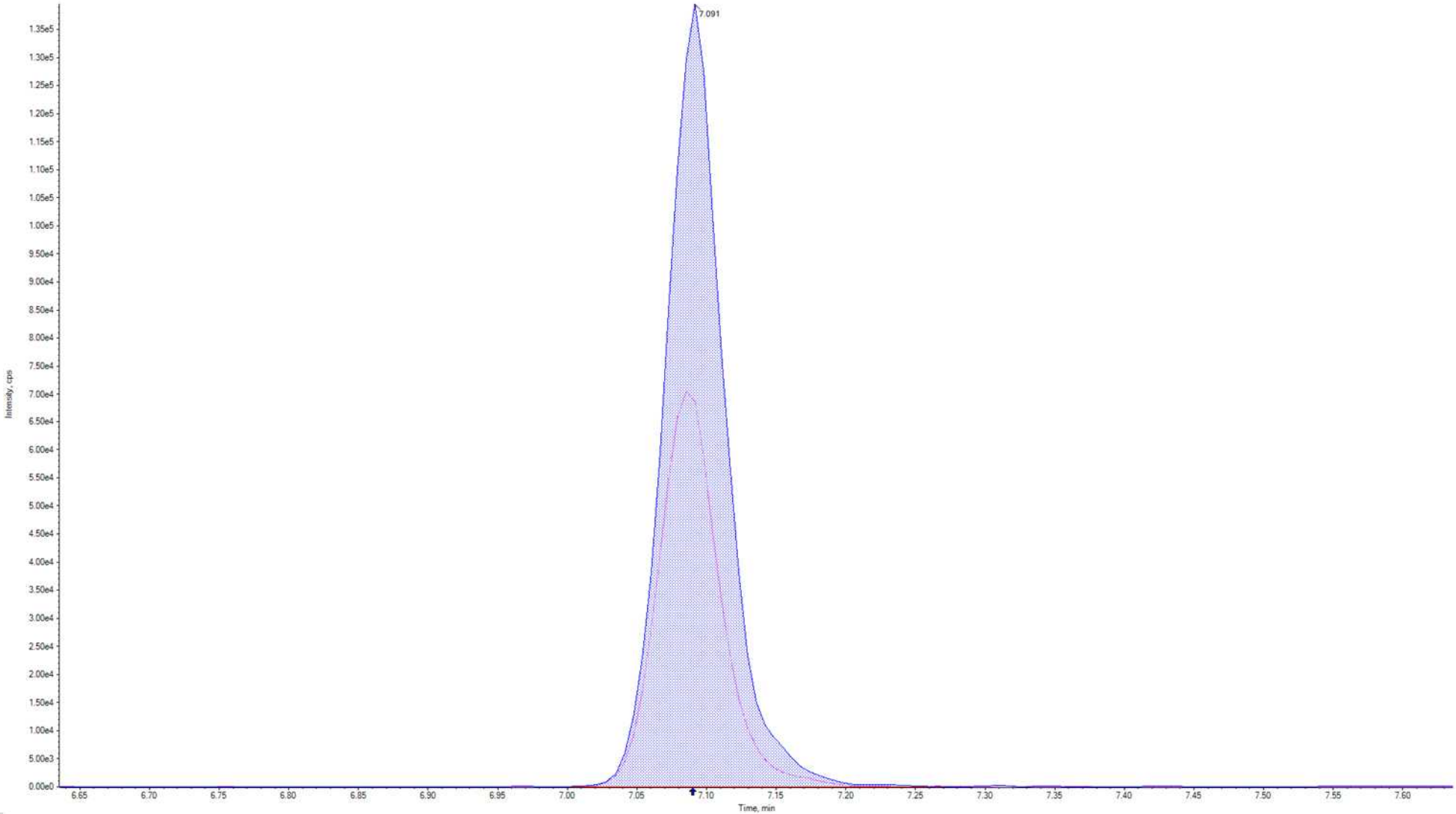
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS
Sample: IA1633STD-2.5 S/N:47100004.0 Points Across peak:43



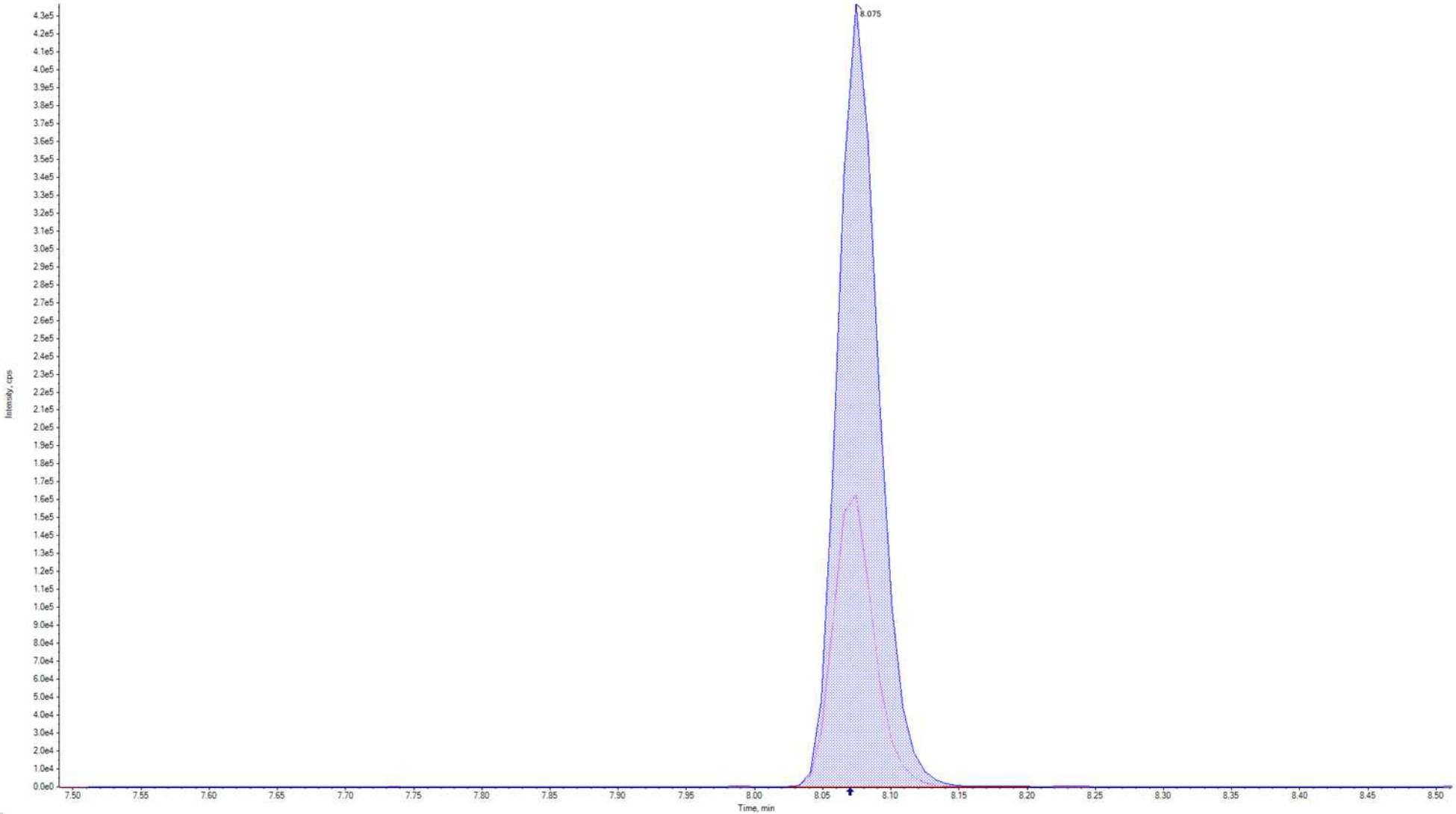
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS_2
Sample: IA1633STD-2.5 S/N:50740.1 Points Across peak:46



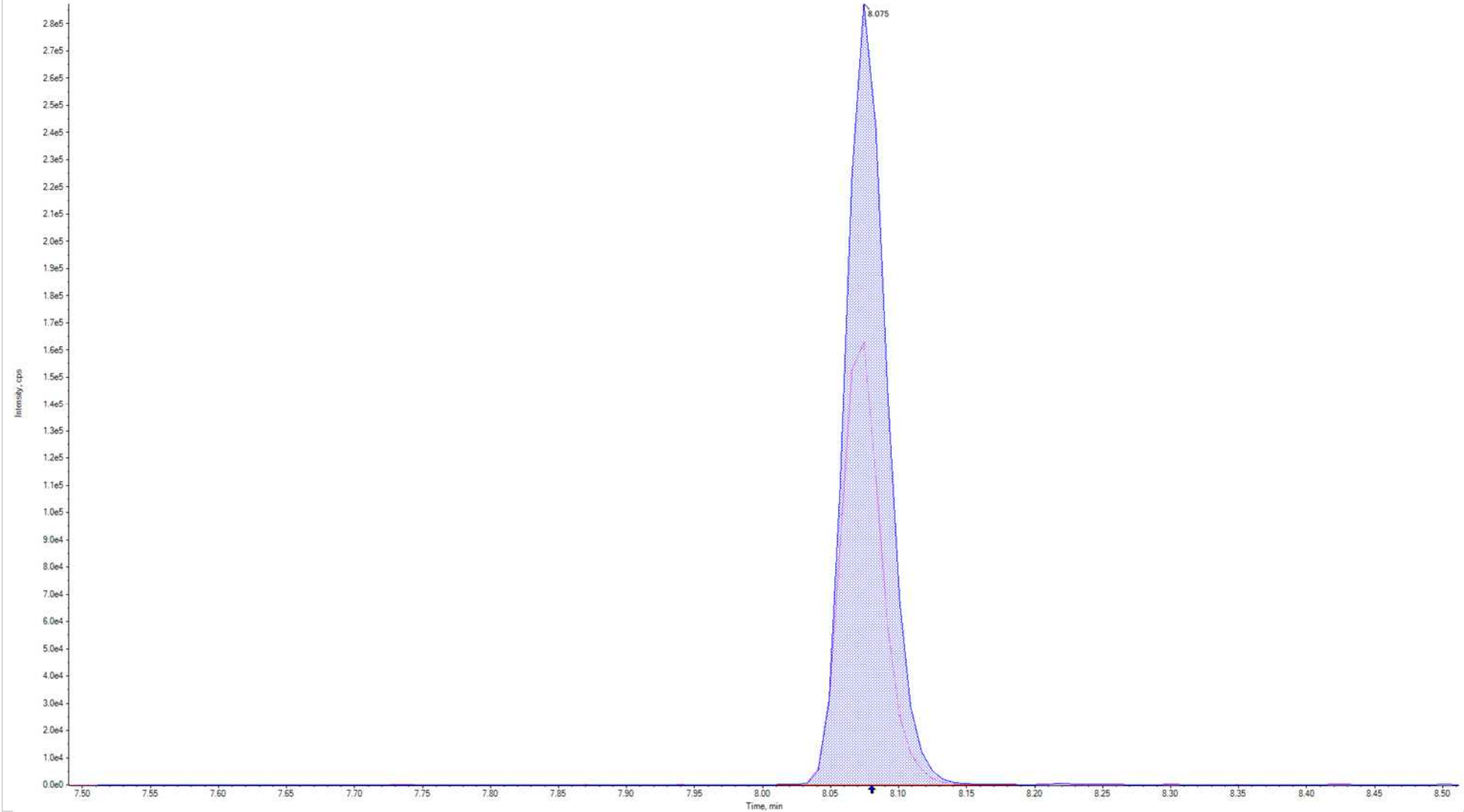
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS
Sample: IA1633STD-2.5 S/N:4008.1 Points Across peak:24



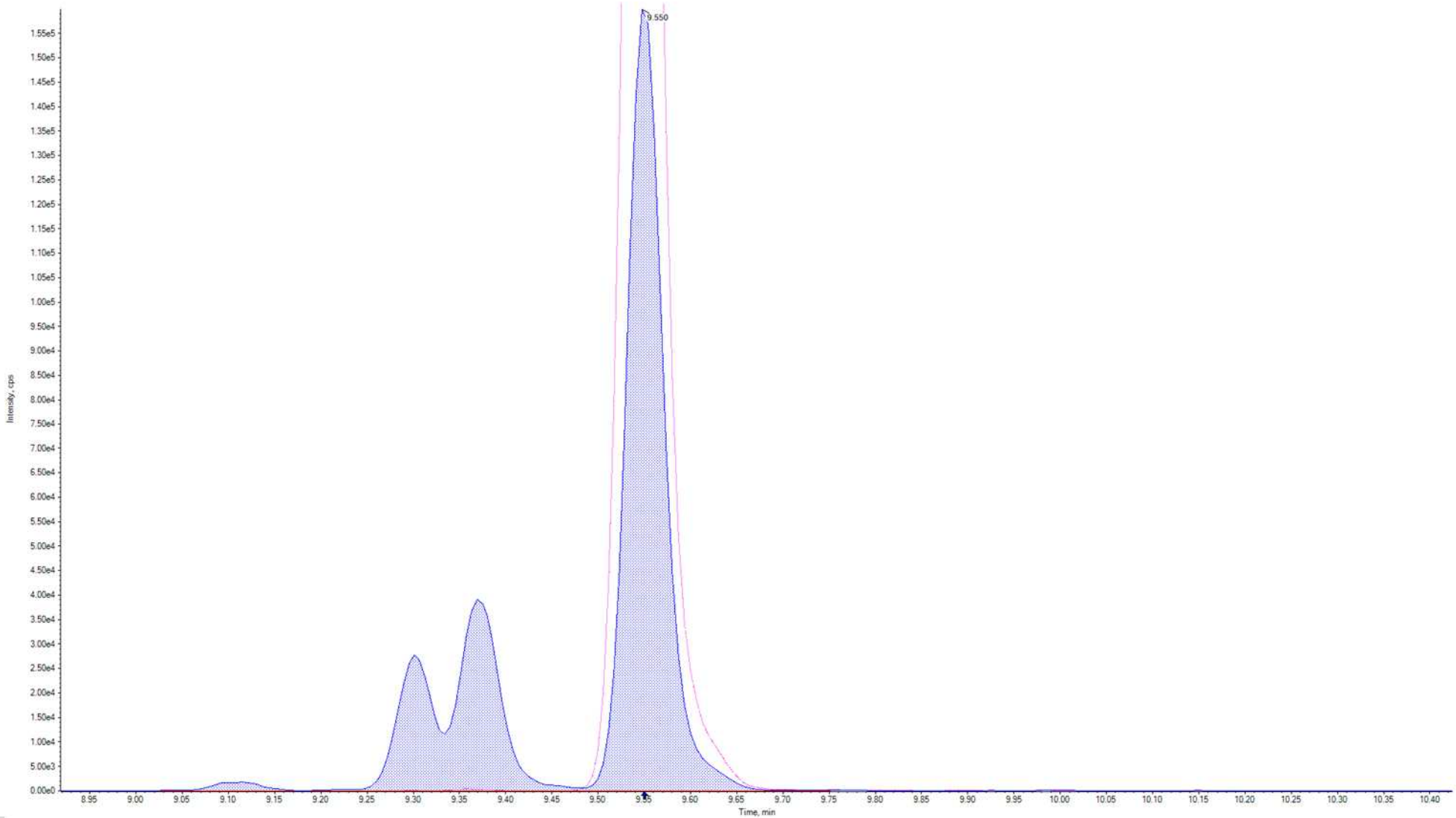
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS_2
Sample: IA1633STD-2.5 S/N:11797239.8 Points Across peak:25



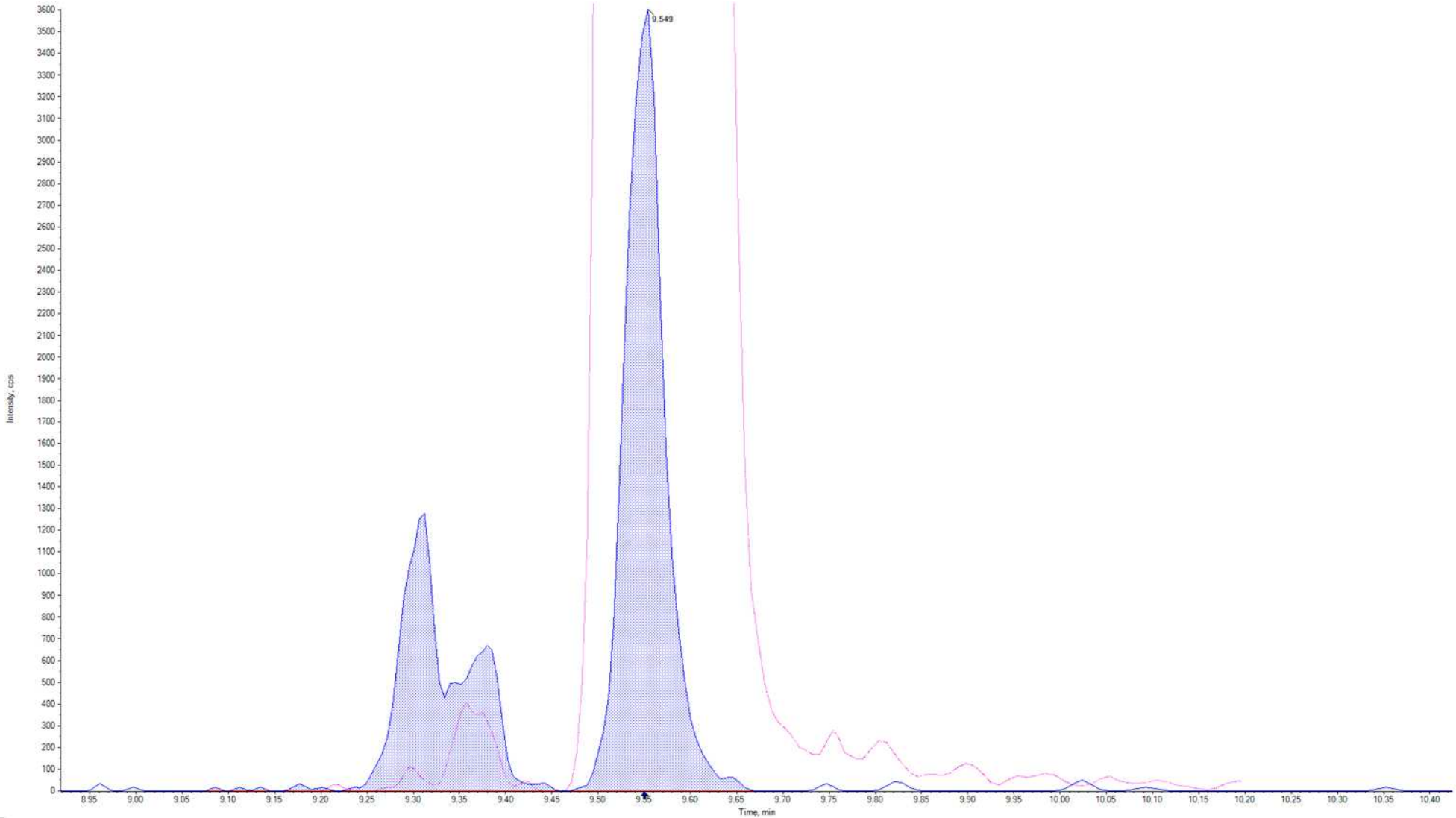
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA
Sample: IA1633STD-2.5 S/N:38374.2 Points Across peak:132



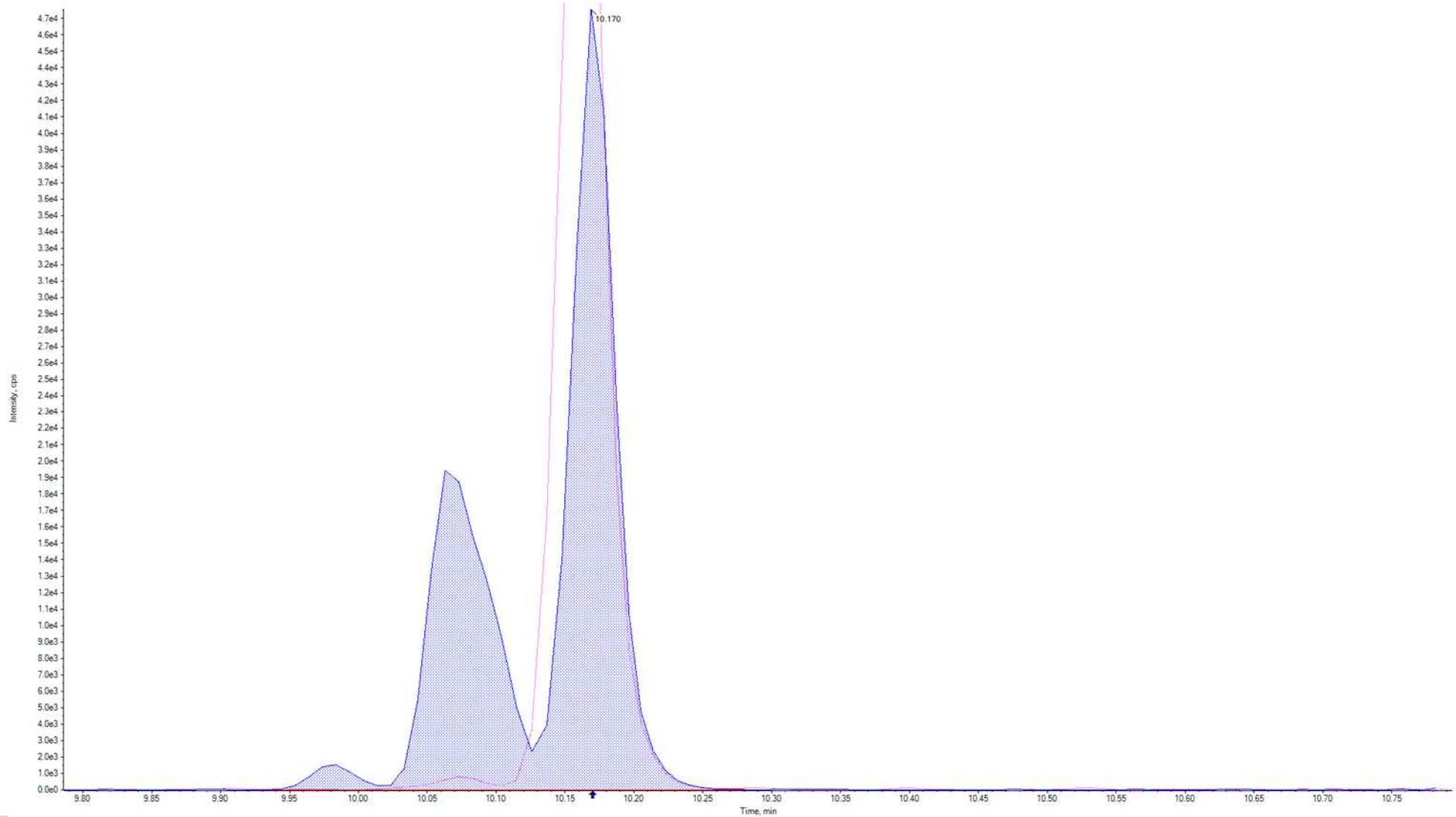
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA_2
Sample: IA1633STD-2.5 S/N:738.7 Points Across peak:108



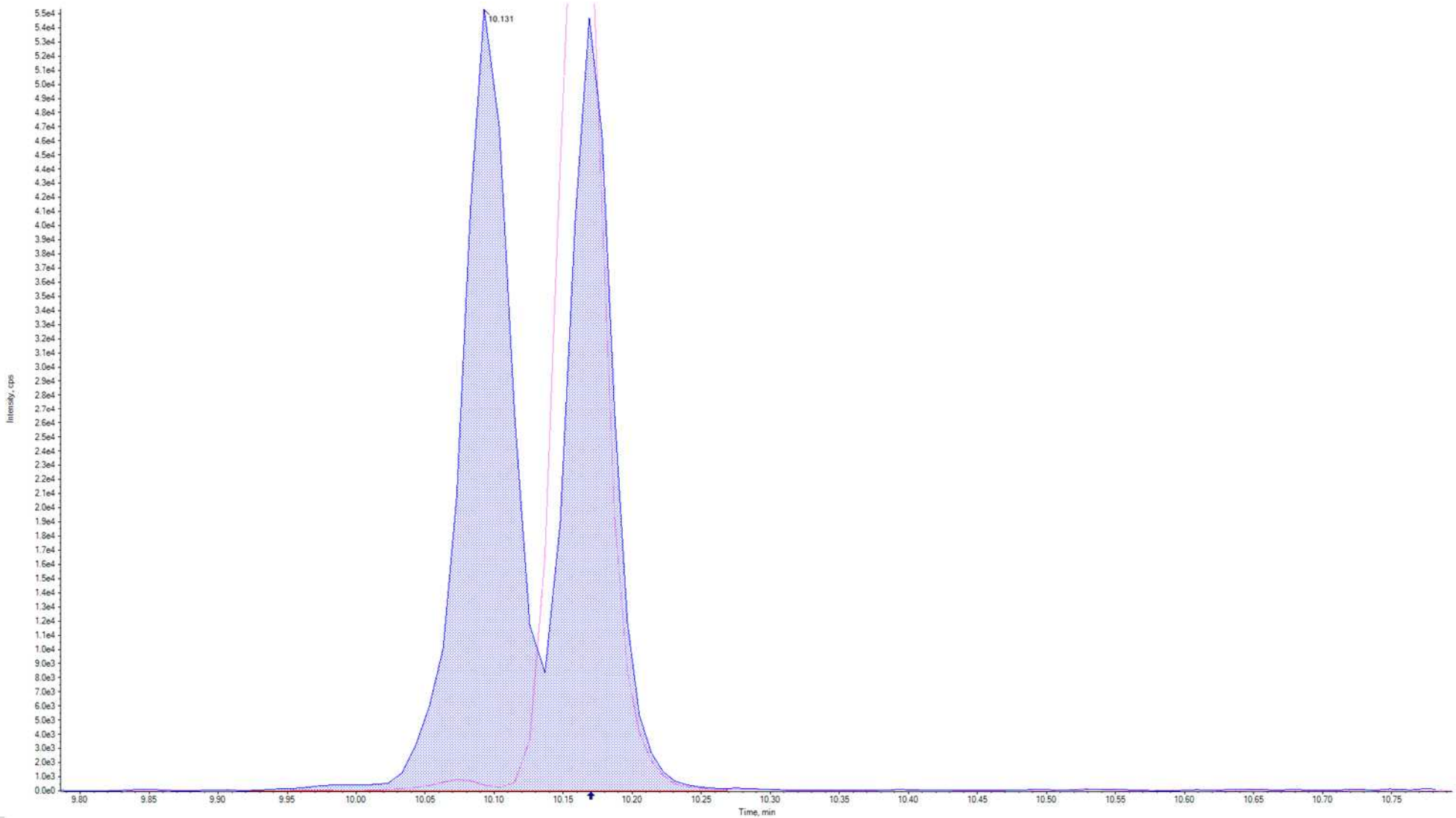
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA
Sample: IA1633STD-2.5 S/N:610172.0 Points Across peak:39



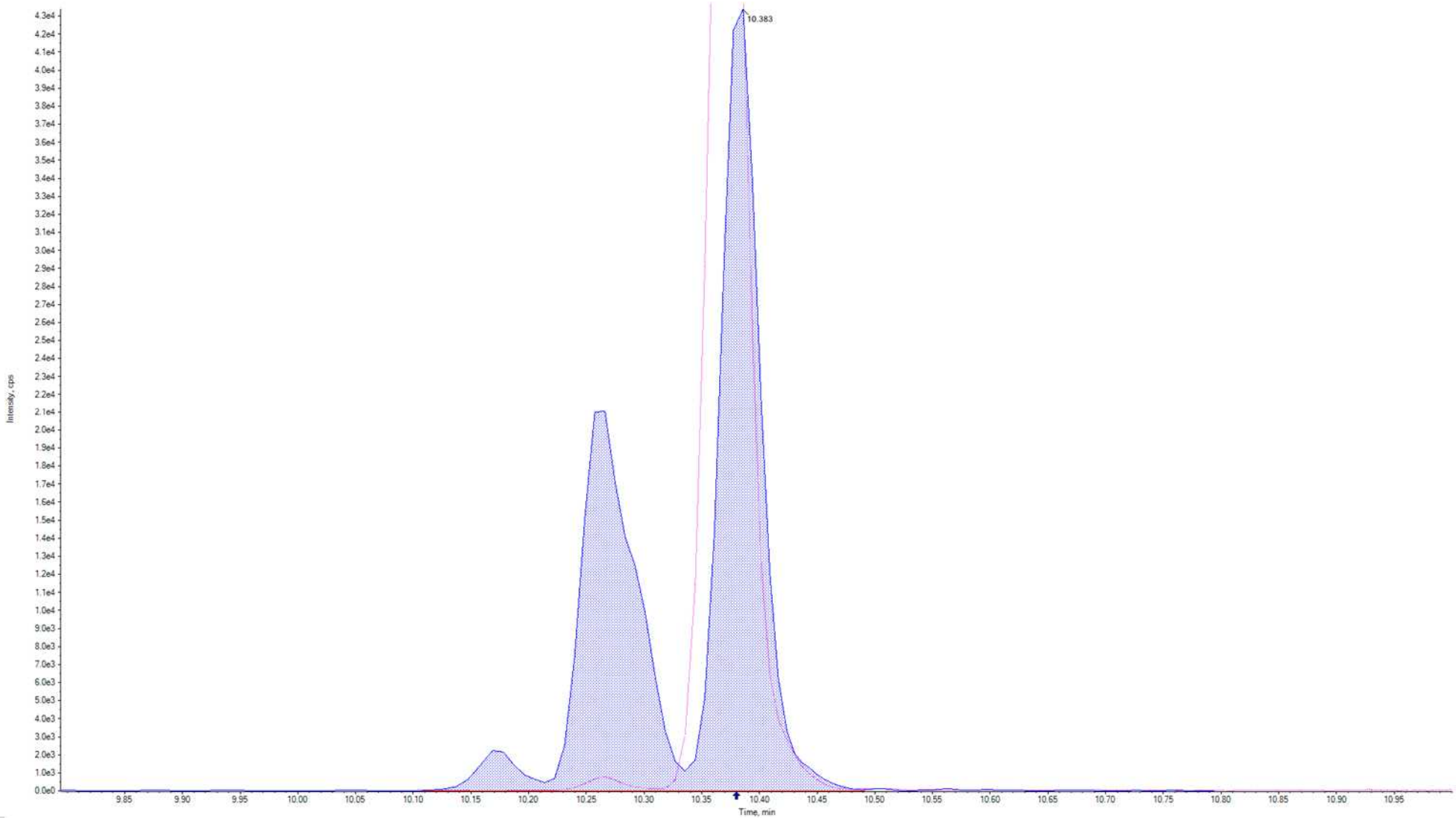
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA_2
Sample: IA1633STD-2.5 S/N:3225.4 Points Across peak:38



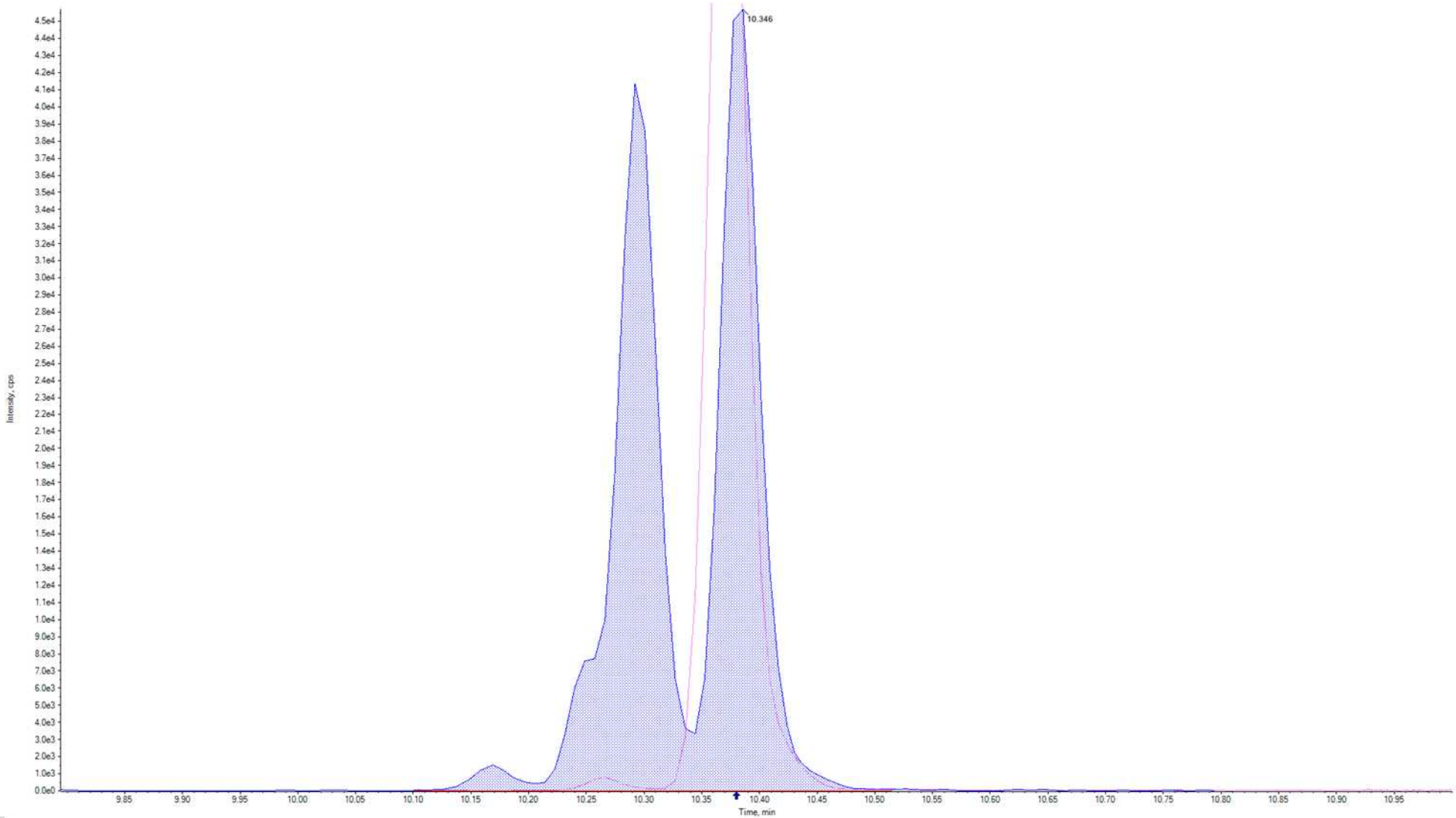
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA
Sample: IA1633STD-2.5 S/N:6895810.4 Points Across peak:49



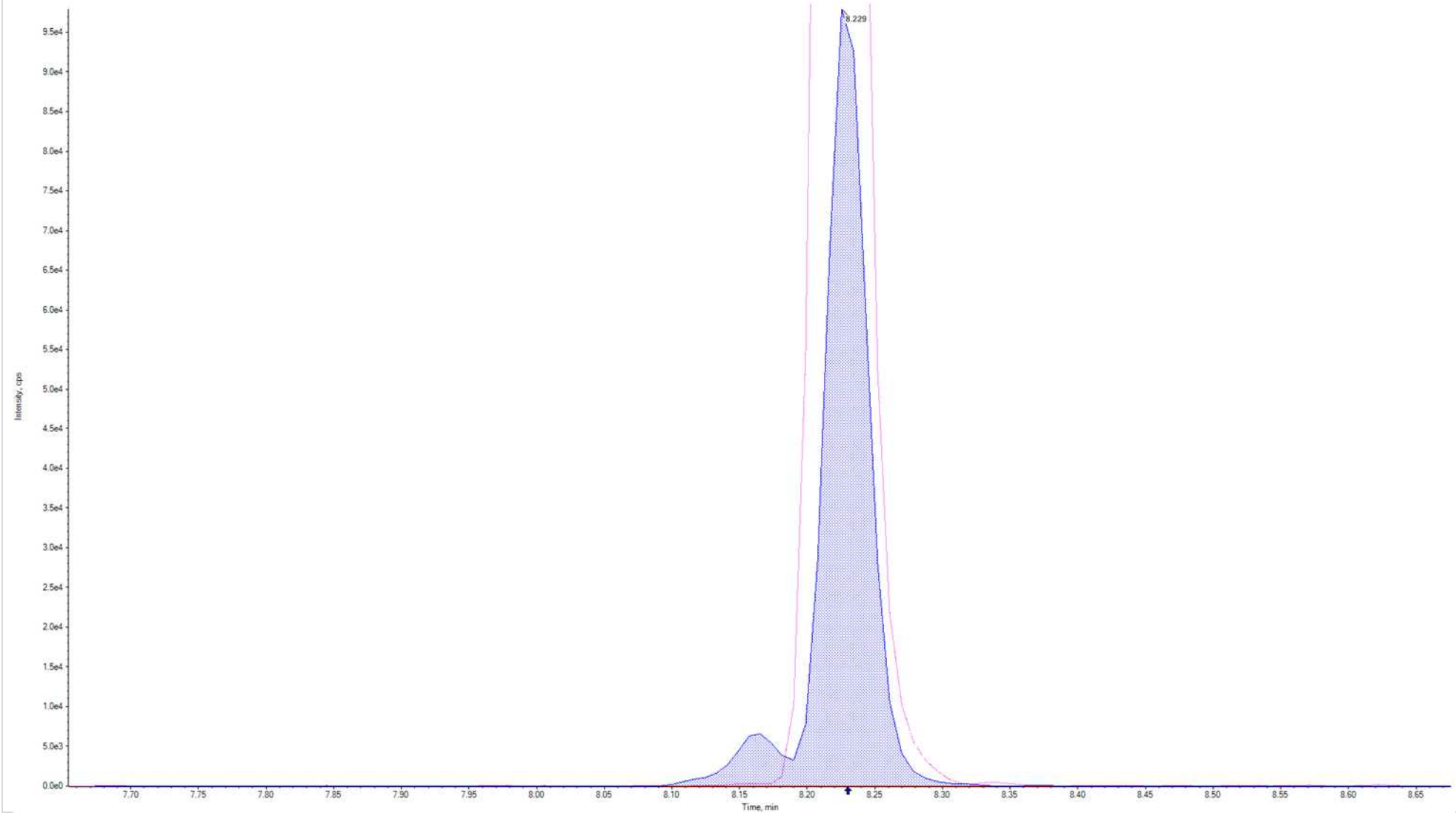
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA_2
Sample: IA1633STD-2.5 S/N:8218641.8 Points Across peak:53



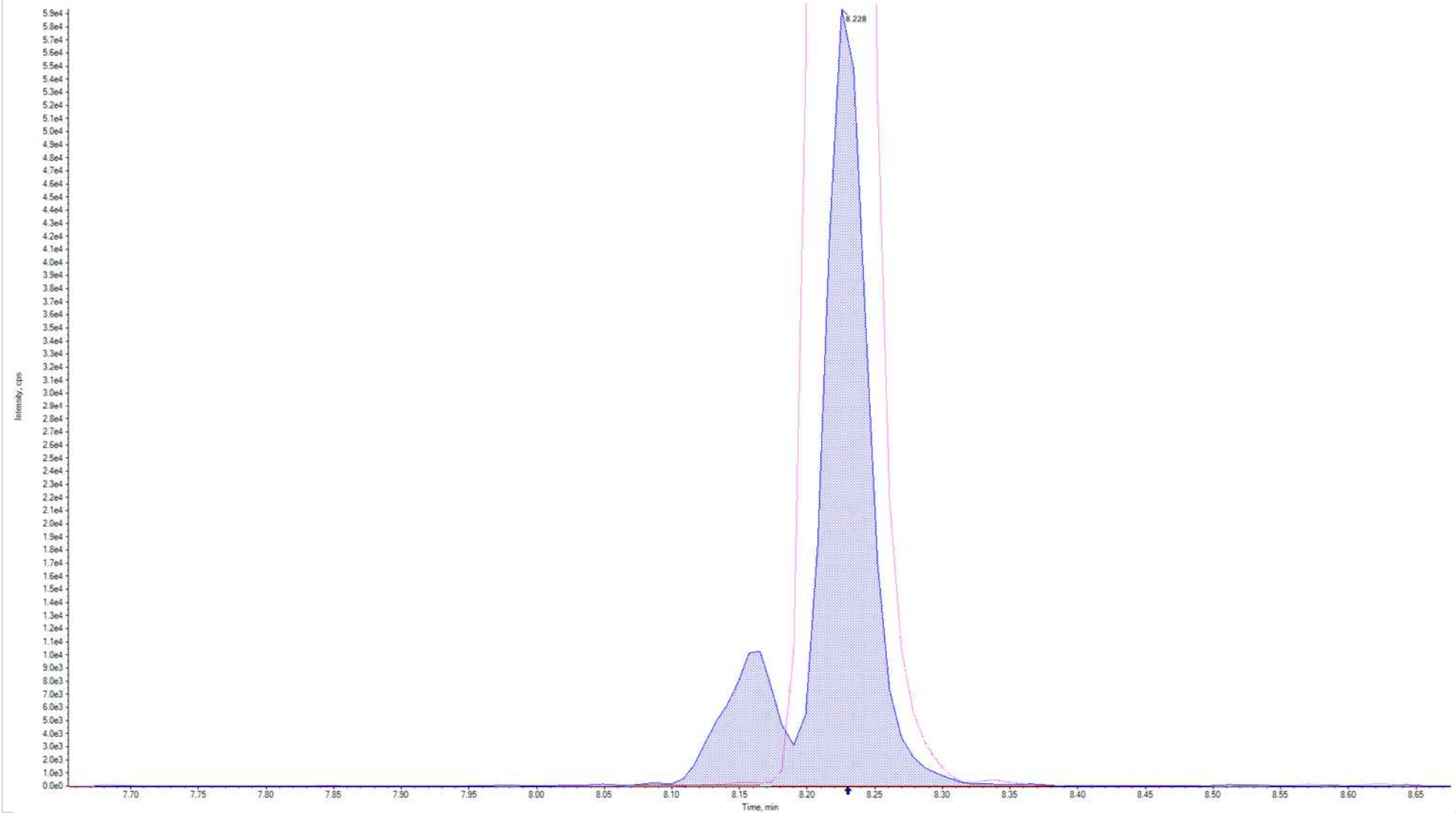
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA
Sample: IA1633STD-2.5 S/N:1248.7 Points Across peak:52



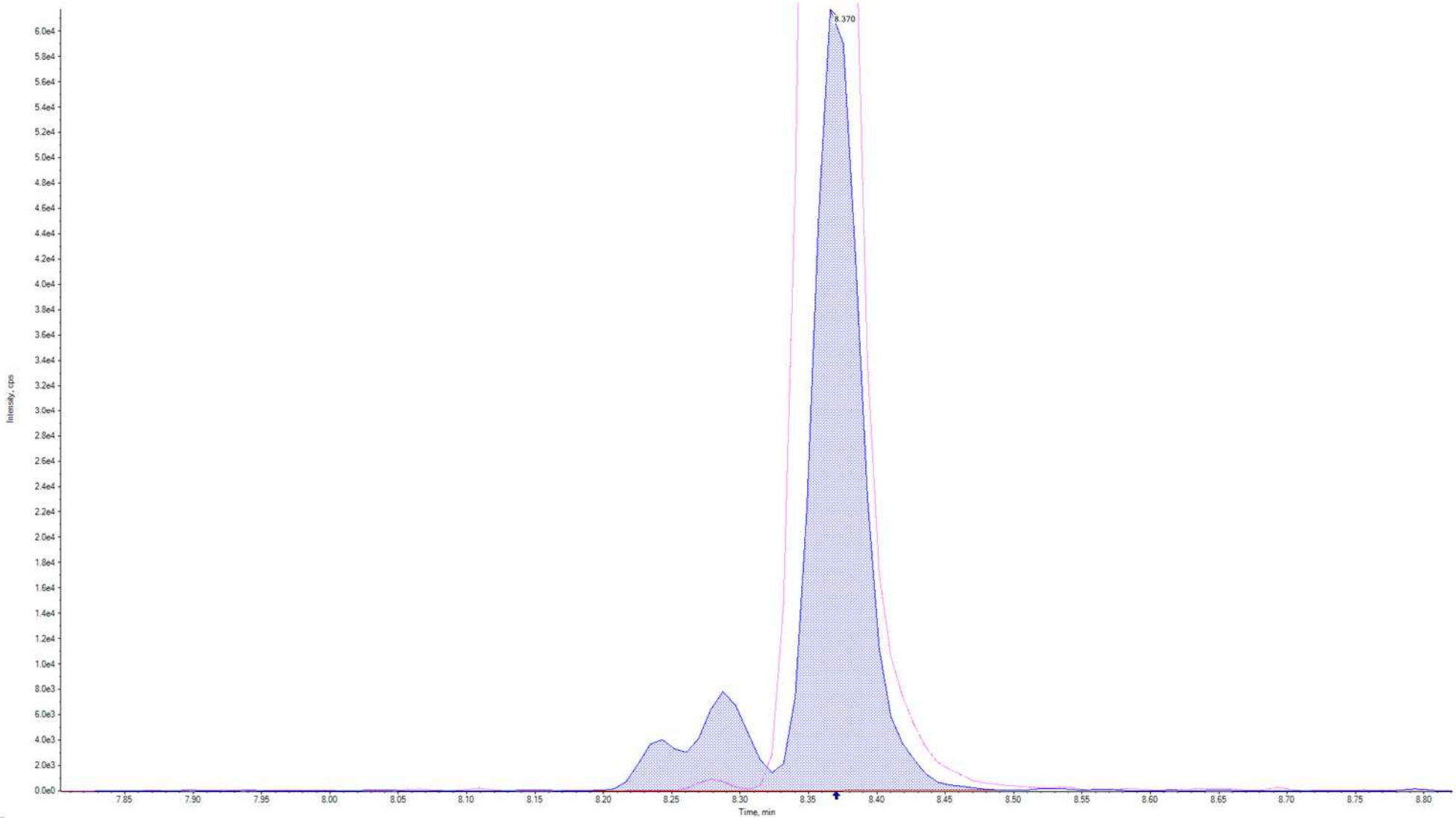
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA_2
Sample: IA1633STD-2.5 S/N:560.8 Points Across peak:40



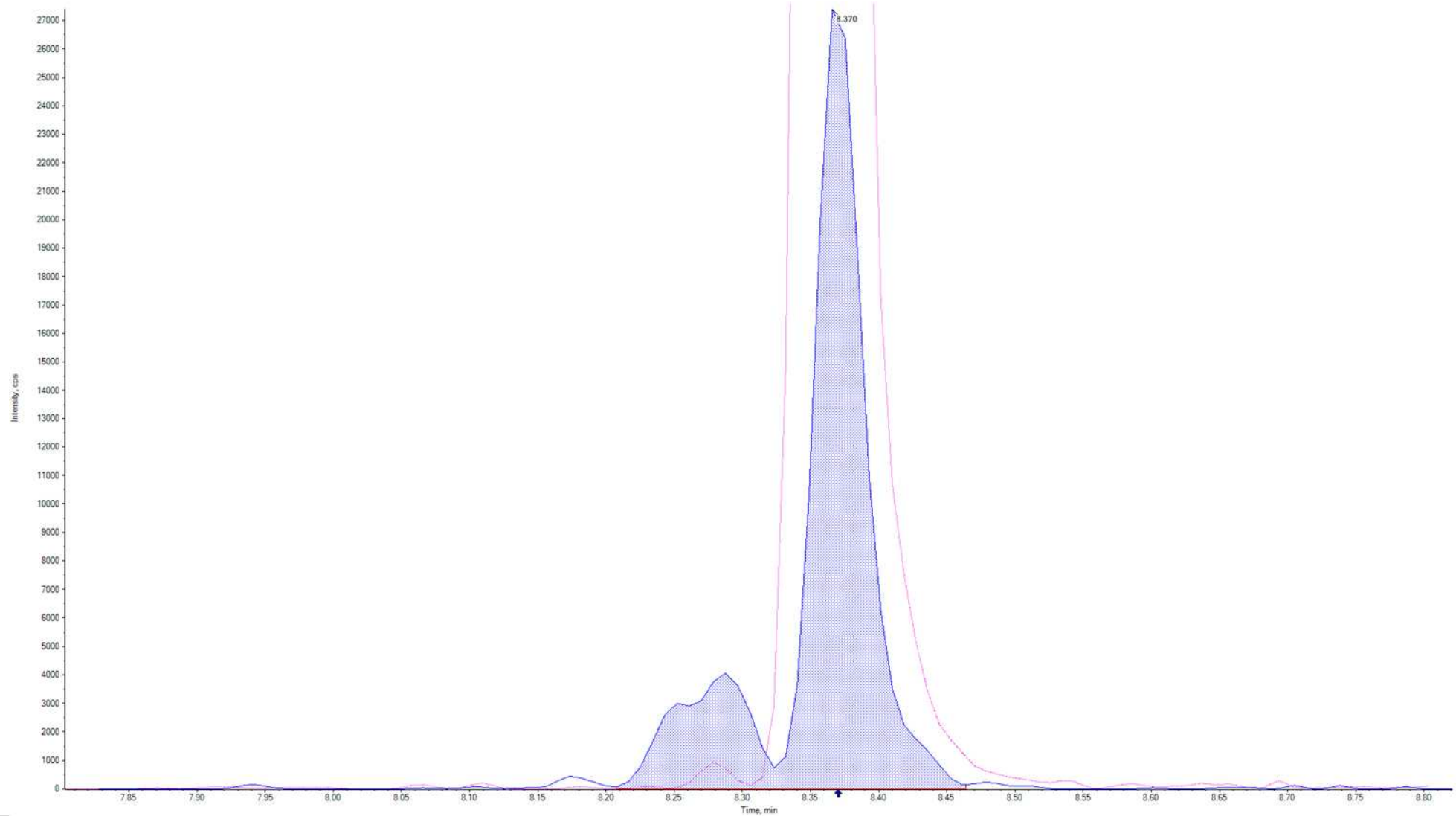
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA
Sample: IA1633STD-2.5 S/N:563.9 Points Across peak:38



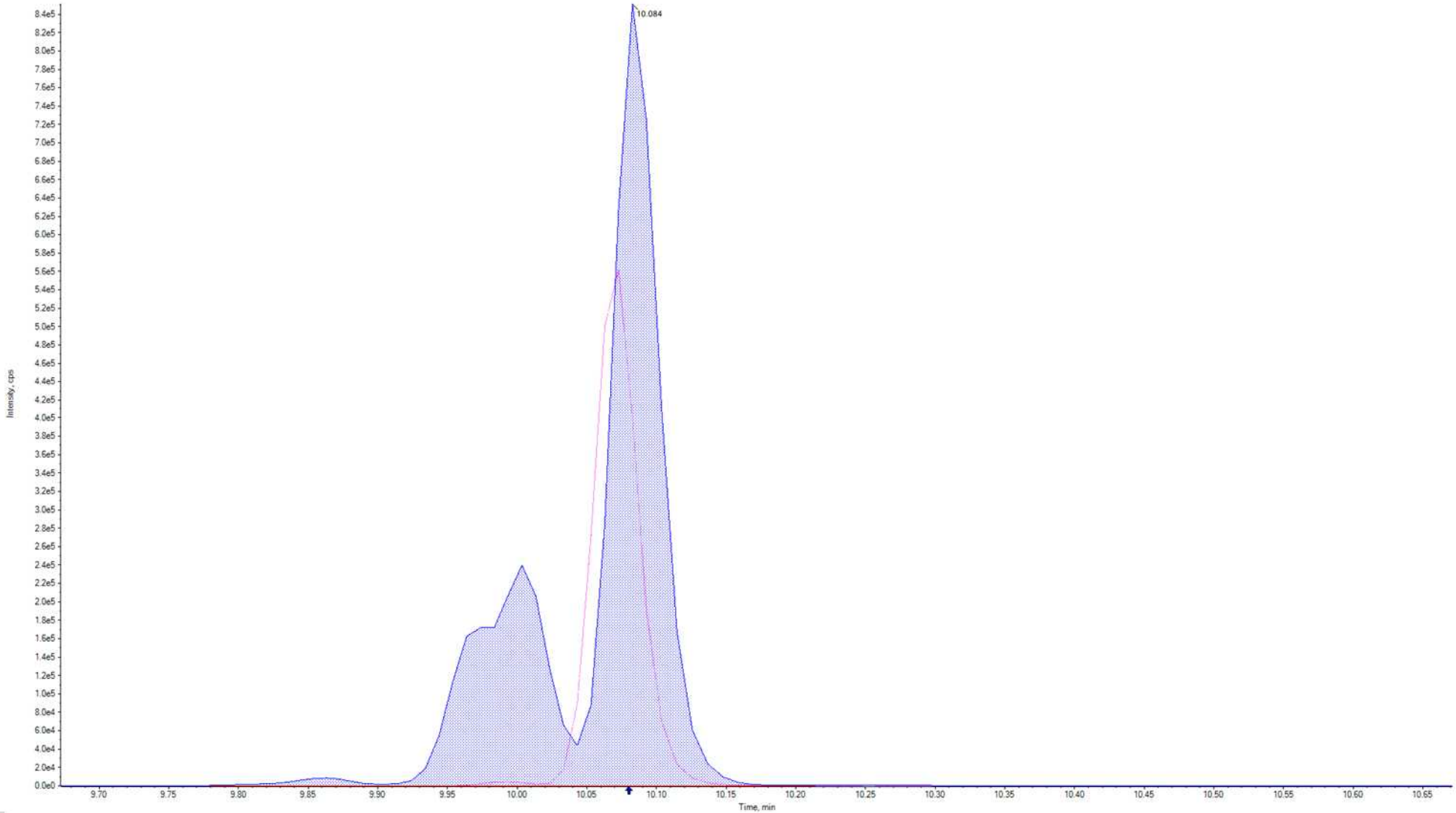
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA_2
Sample: IA1633STD-2.5 S/N:370.9 Points Across peak:32



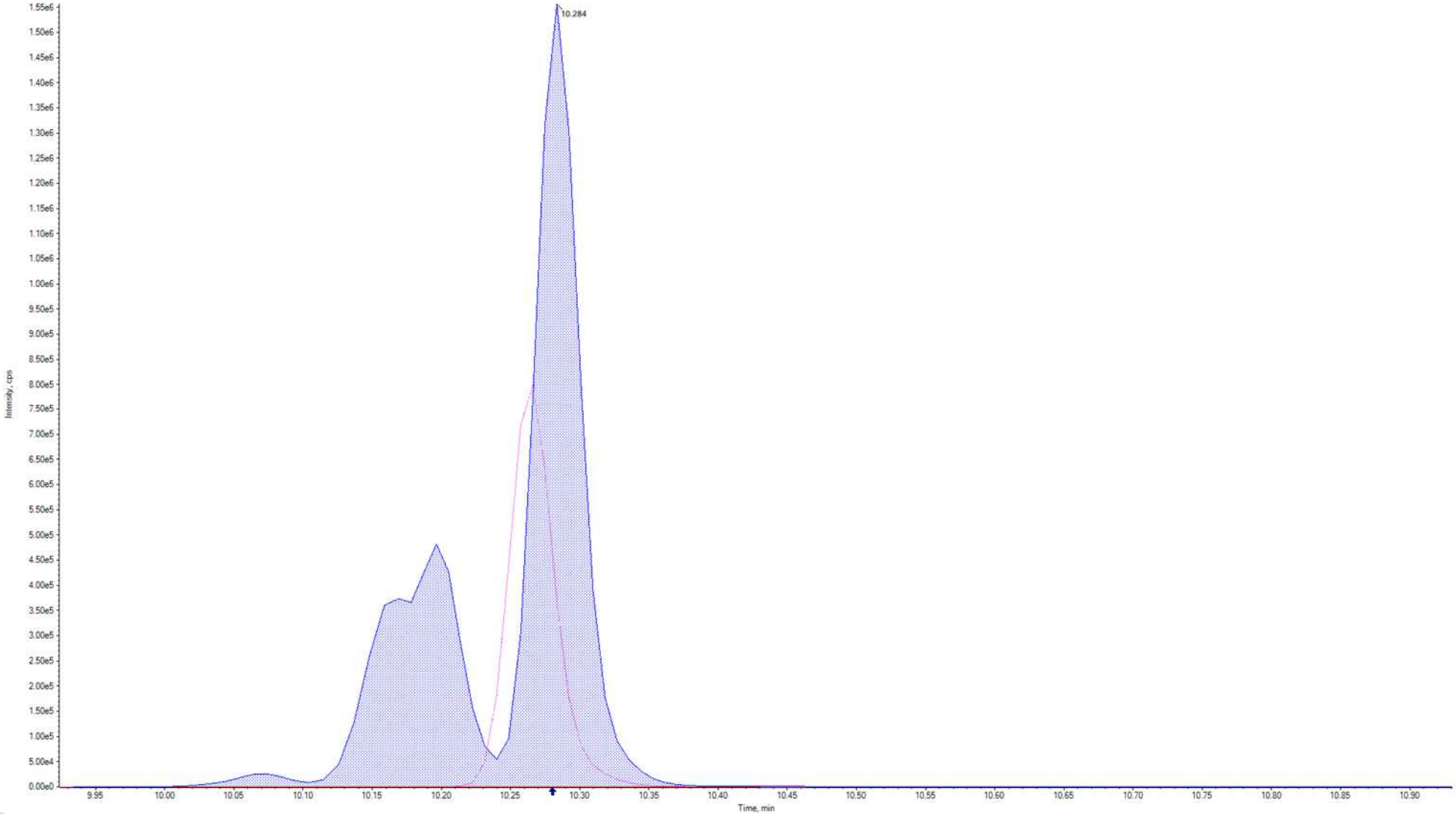
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSE
Sample: IA1633STD-2.5 S/N:13701.2 Points Across peak:51



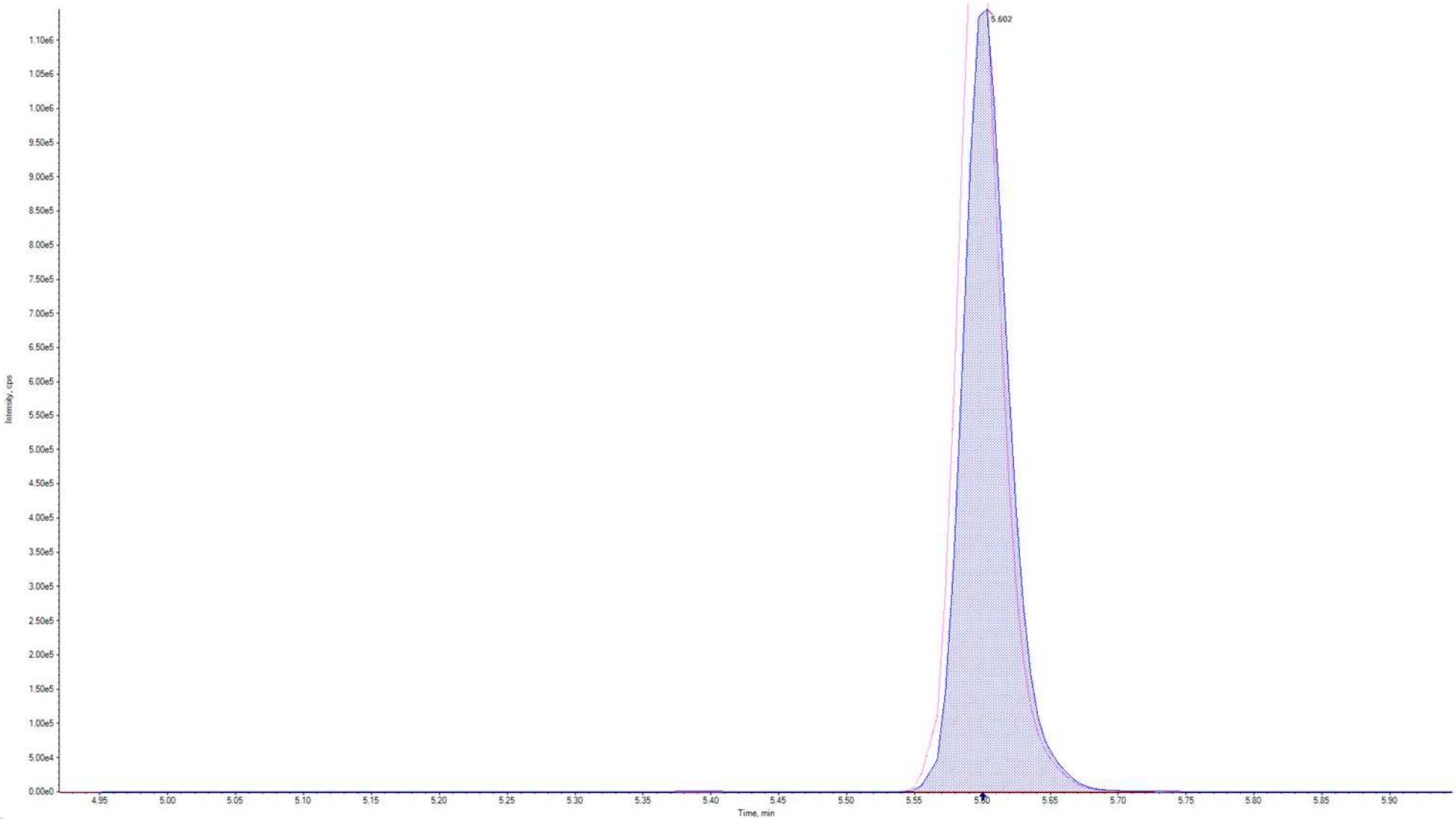
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSE
Sample: IA1633STD-2.5 S/N:3391.6 Points Across peak:51



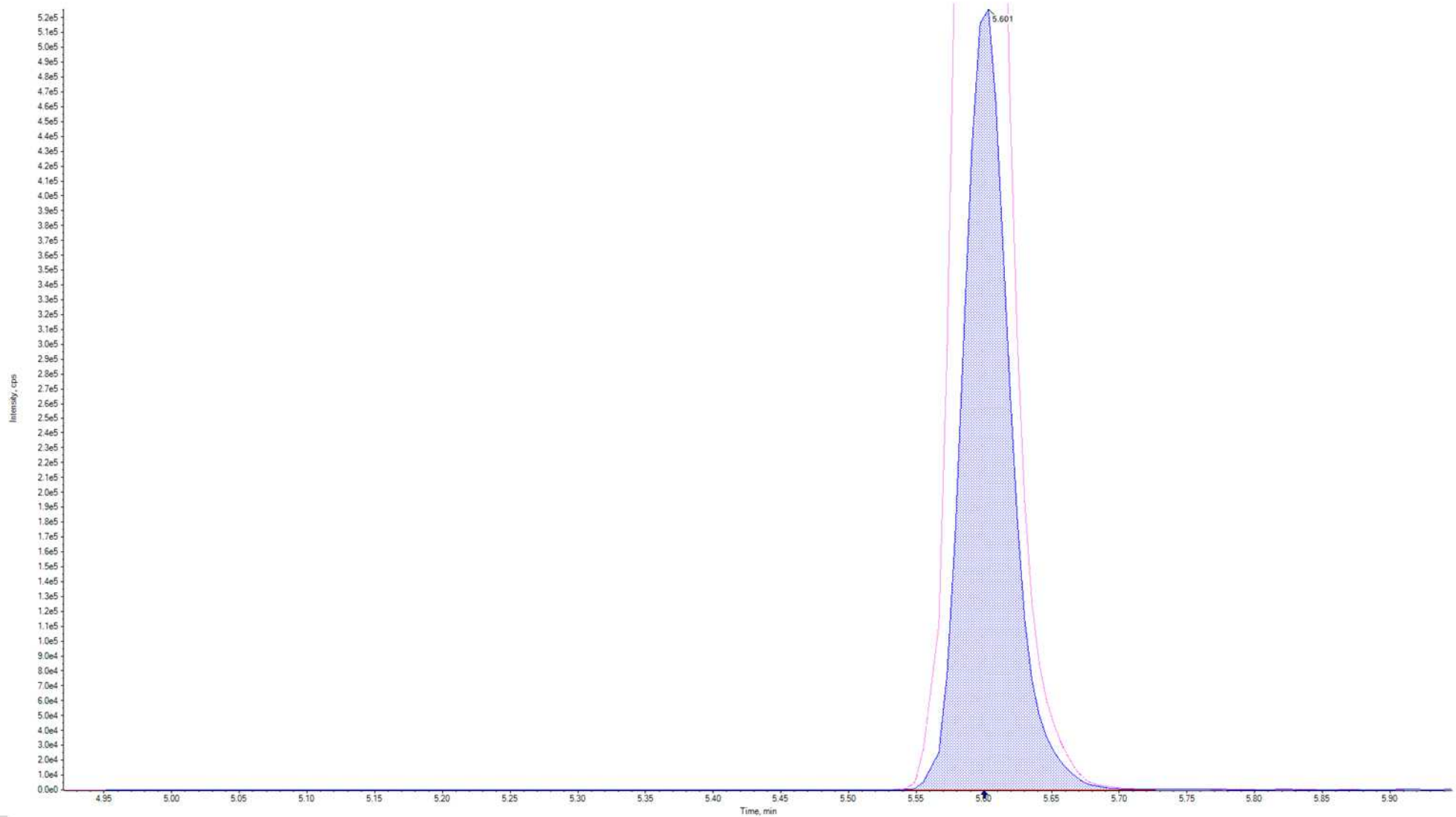
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA
Sample: IA1633STD-2.5 S/N:18258.1 Points Across peak:39



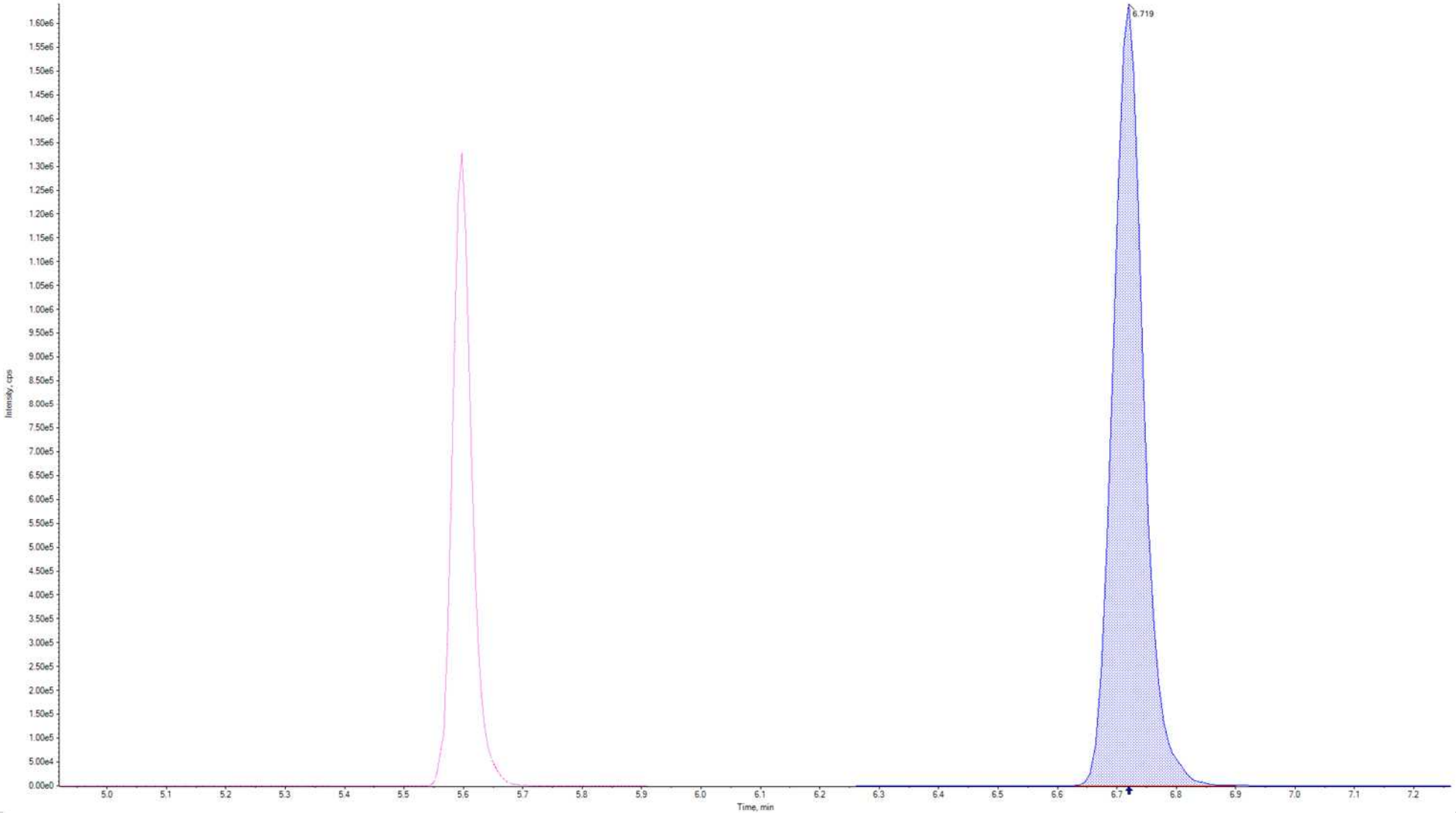
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA_2
Sample: IA1633STD-2.5 S/N:4130.1 Points Across peak:41



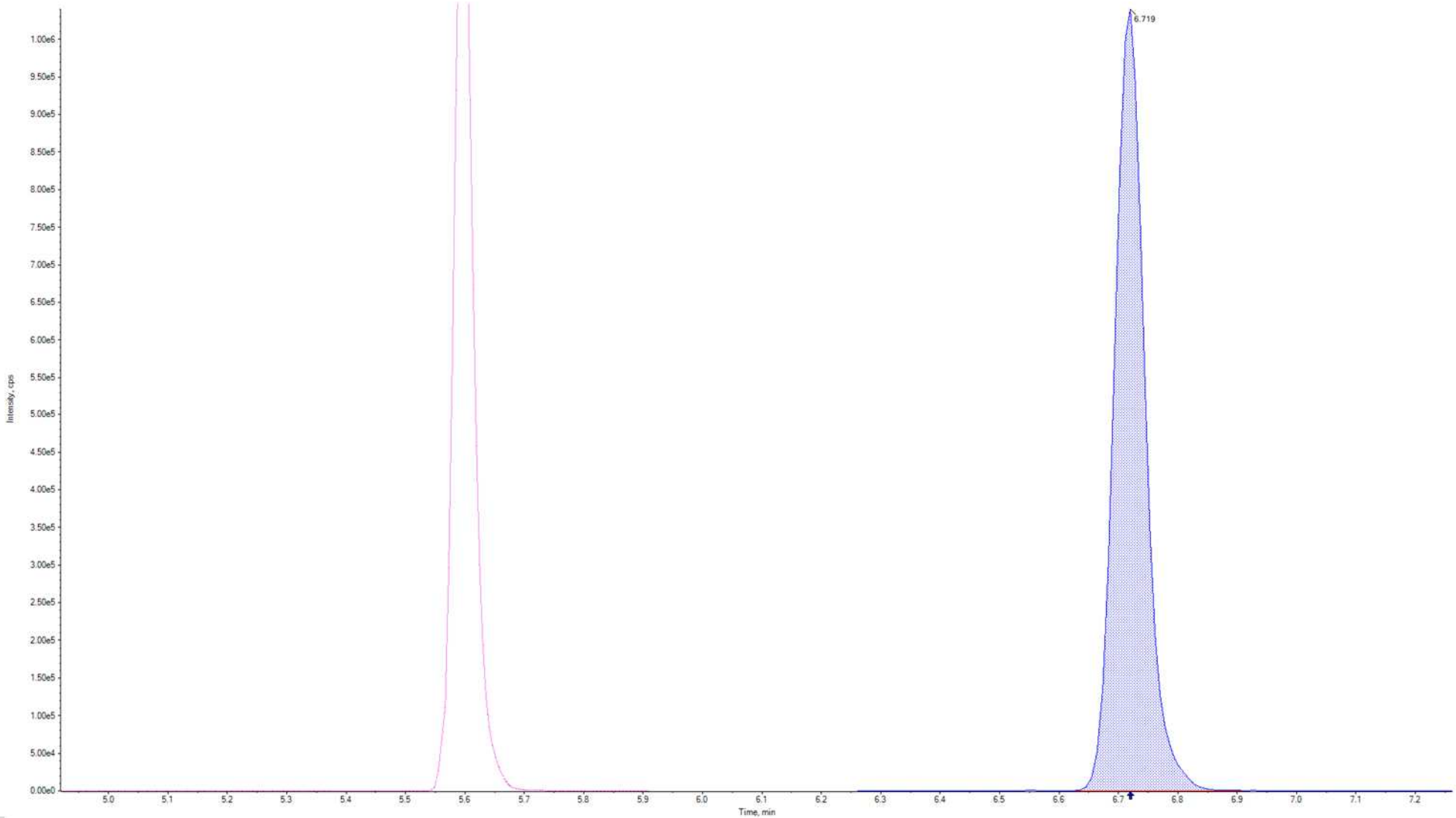
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

ADONA
Sample: IA1633STD-2.5 S/N:15728.1 Points Across peak:40



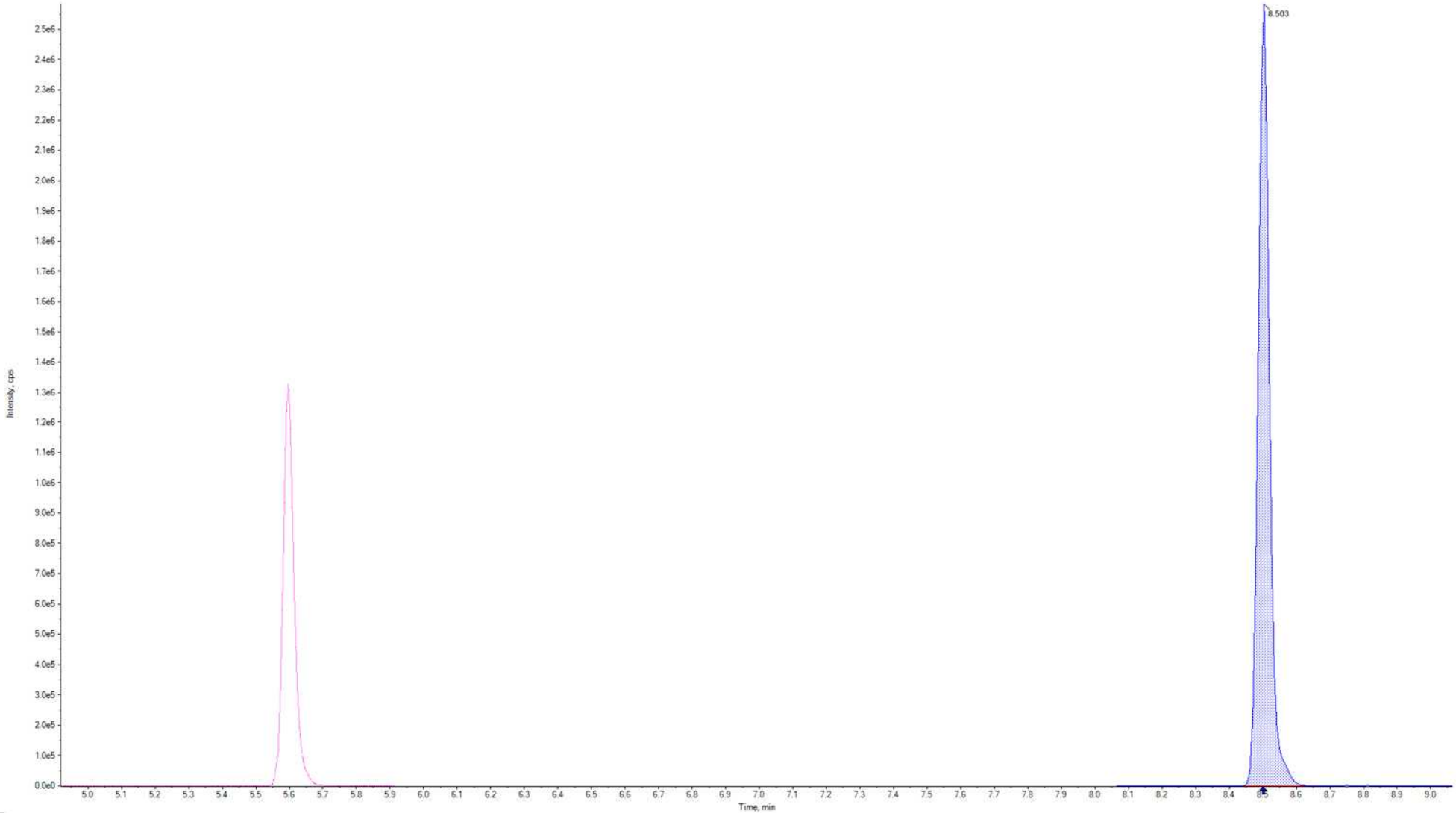
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

ADONA_2
Sample: IA1633STD-2.5 S/N:127491.5 Points Across peak:41



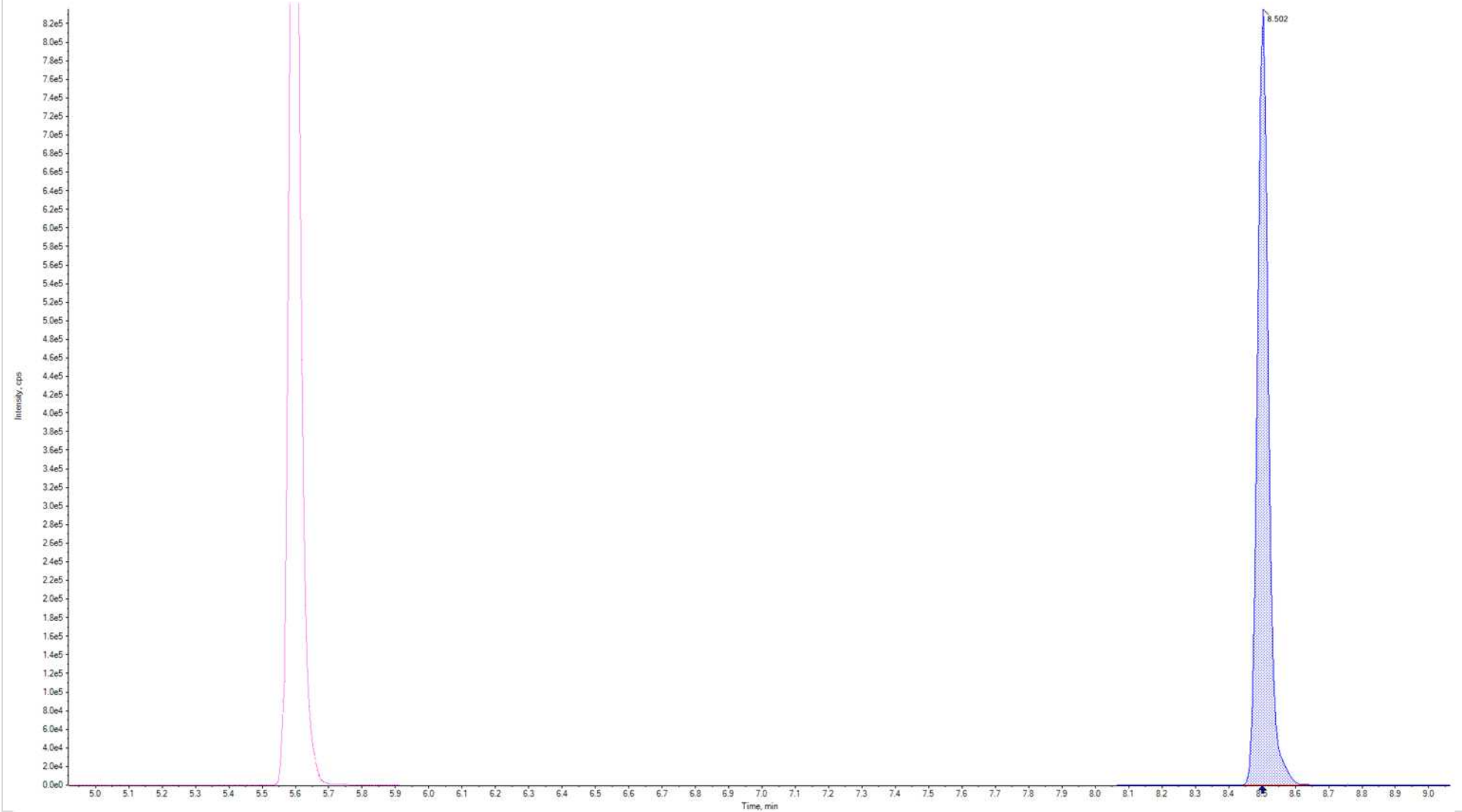
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS
Sample: IA1633STD-2.5 S/N:6318.1 Points Across peak:40



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS_2
Sample: IA1633STD-2.5 S/N:425058.7 Points Across peak:31



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS
Sample: IA1633STD-2.5 S/N:549080.4 Points Across peak:43

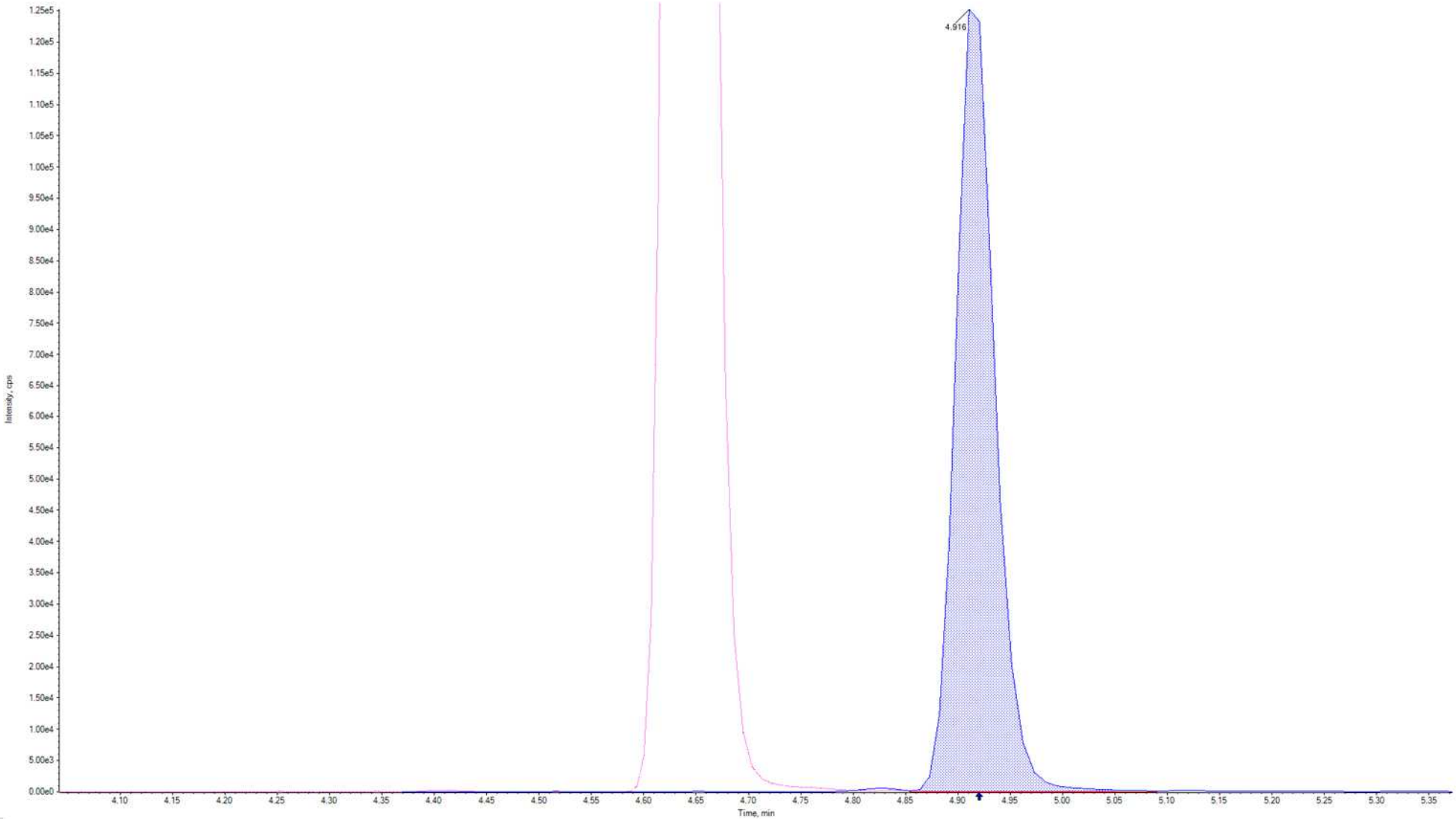


11Cl-PF3OUdS_2
Sample: IA1633STD-2.5 S/N:79273.5 Points Across peak:50



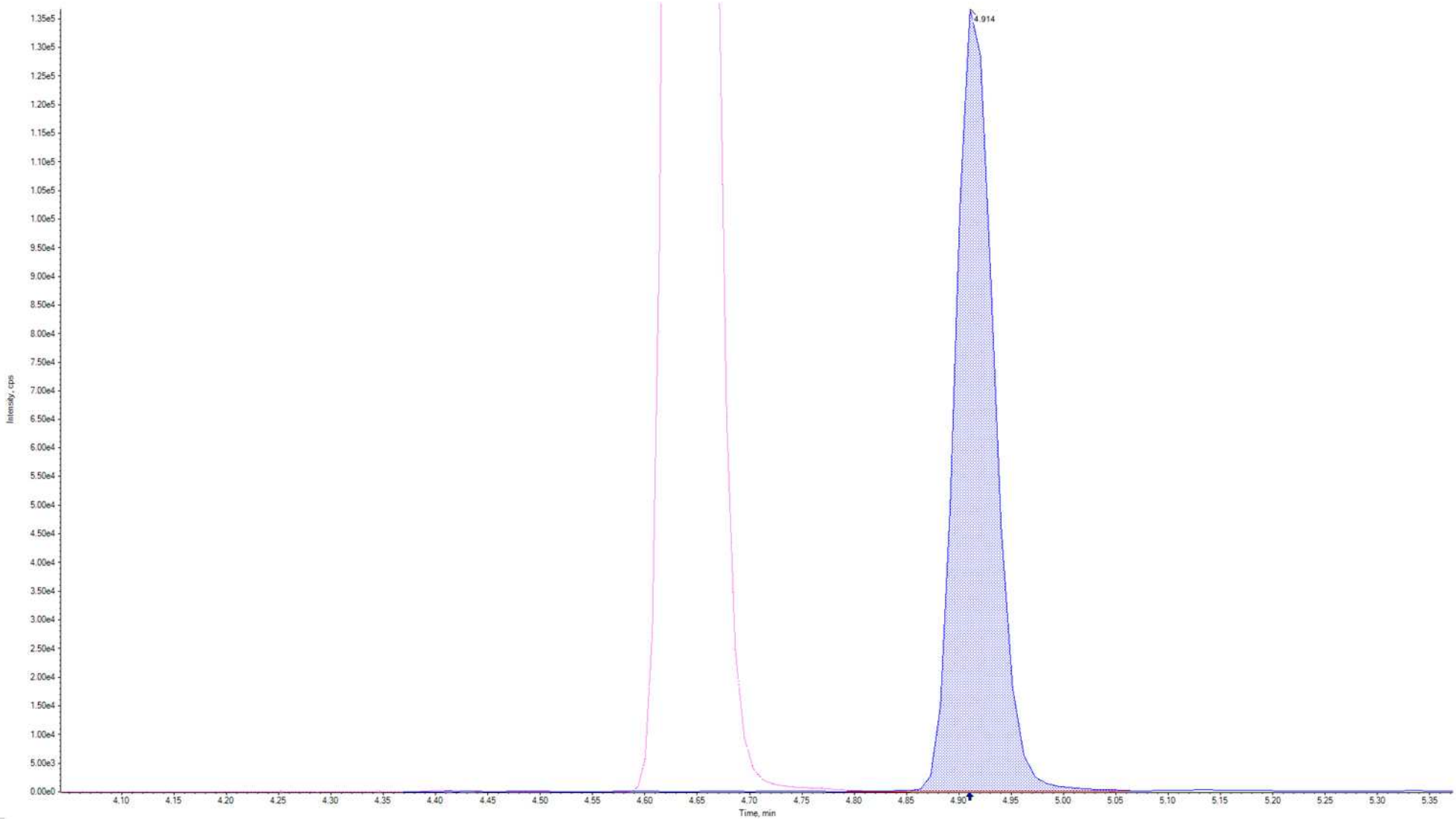
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA
Sample: IA1633STD-2.5 S/N:1463.7 Points Across peak:25



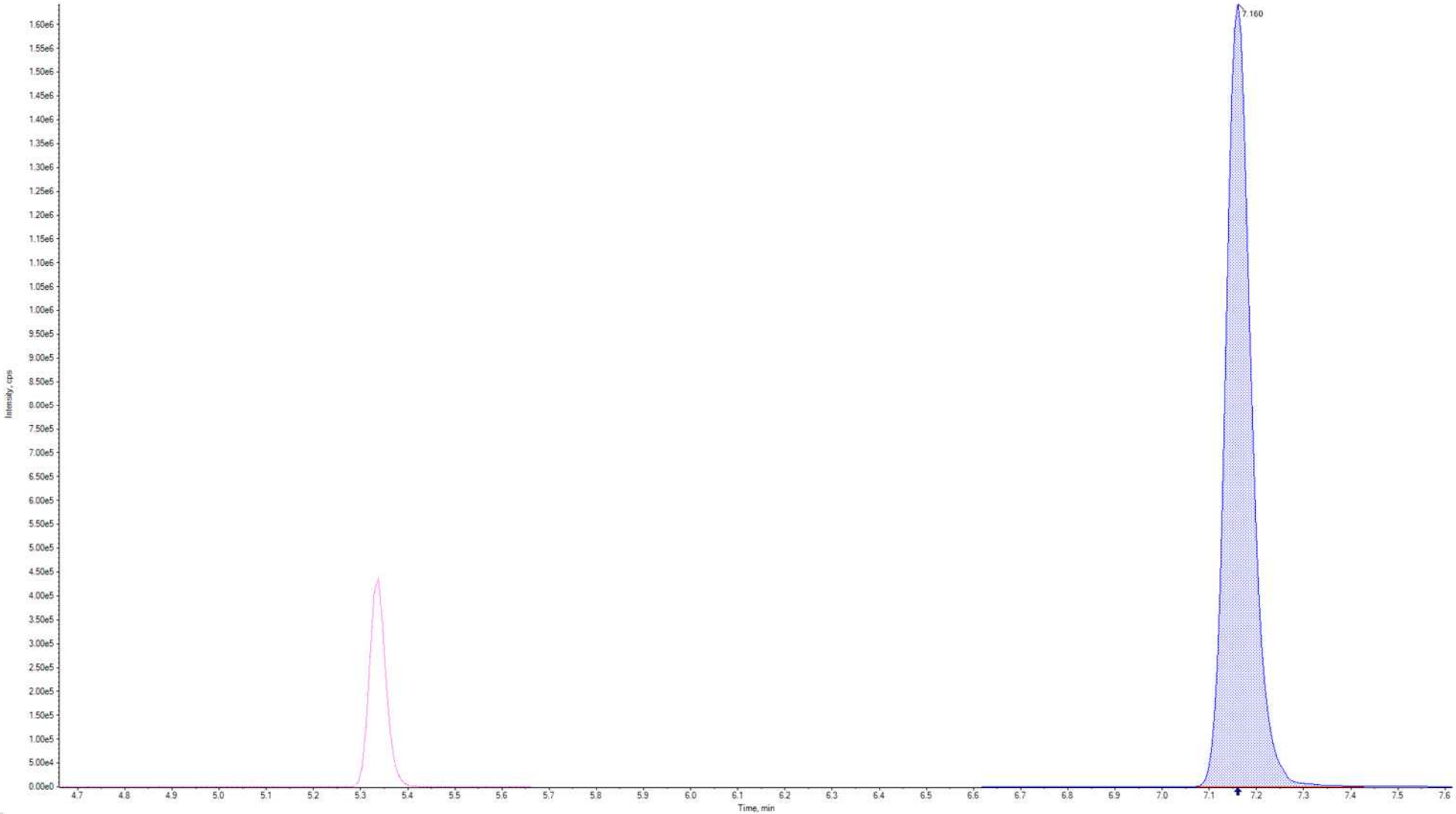
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA_2
Sample: IA1633STD-2.5 S/N:7579.3 Points Across peak:30



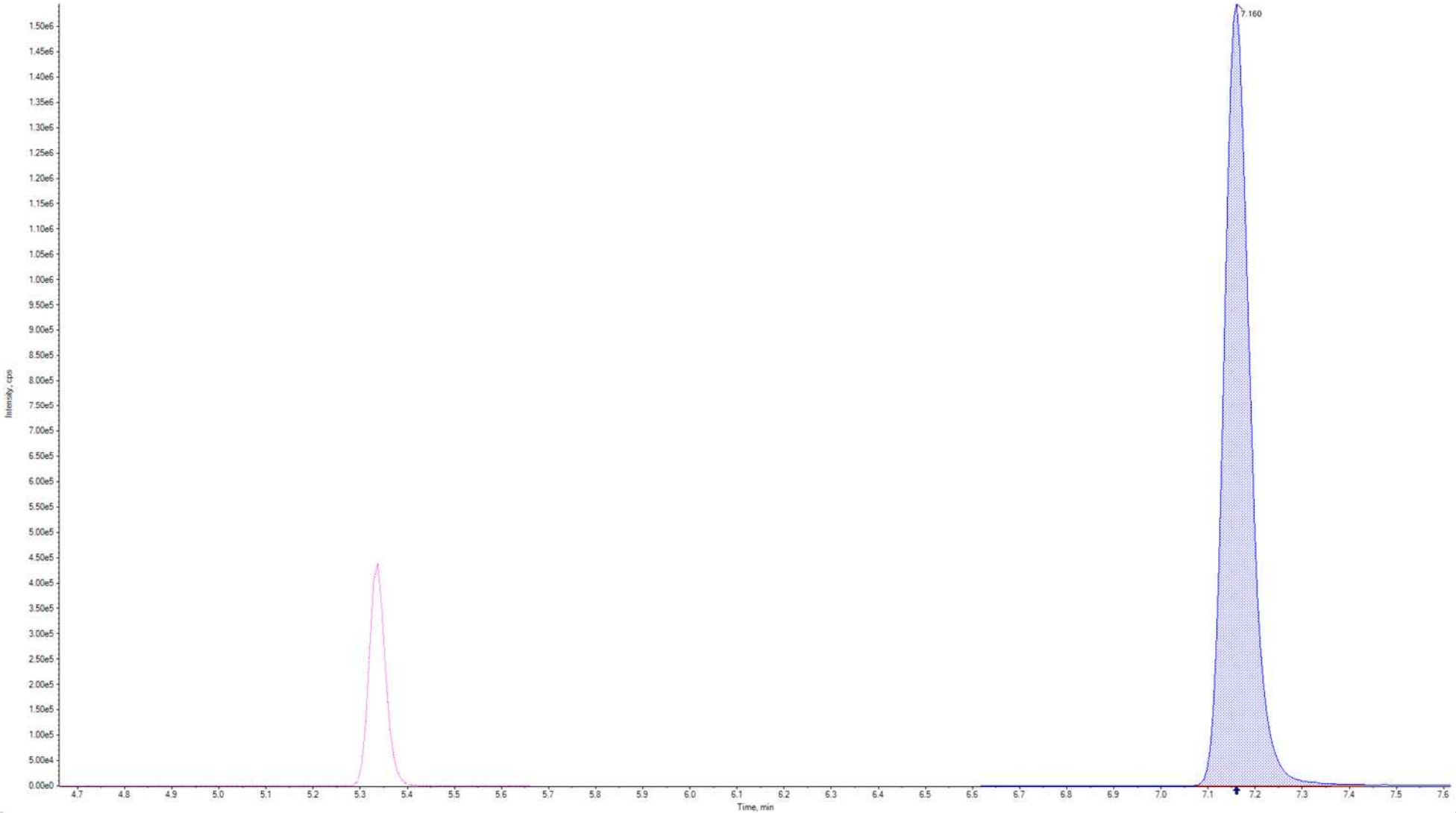
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA
Sample: IA1633STD-2.5 S/N:21074.7 Points Across peak:65



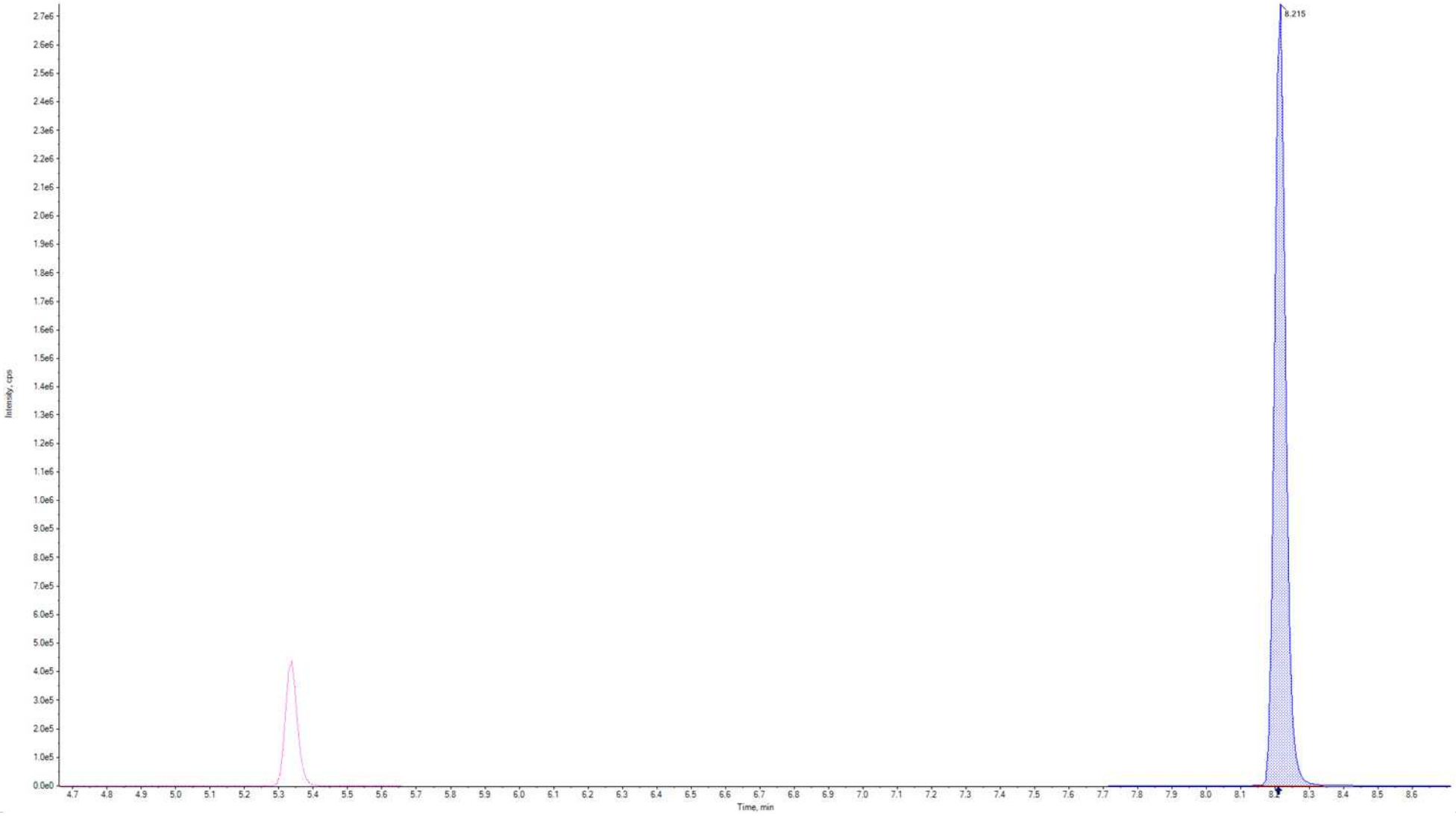
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA_2
Sample: IA1633STD-2.5 S/N:11249.5 Points Across peak:73



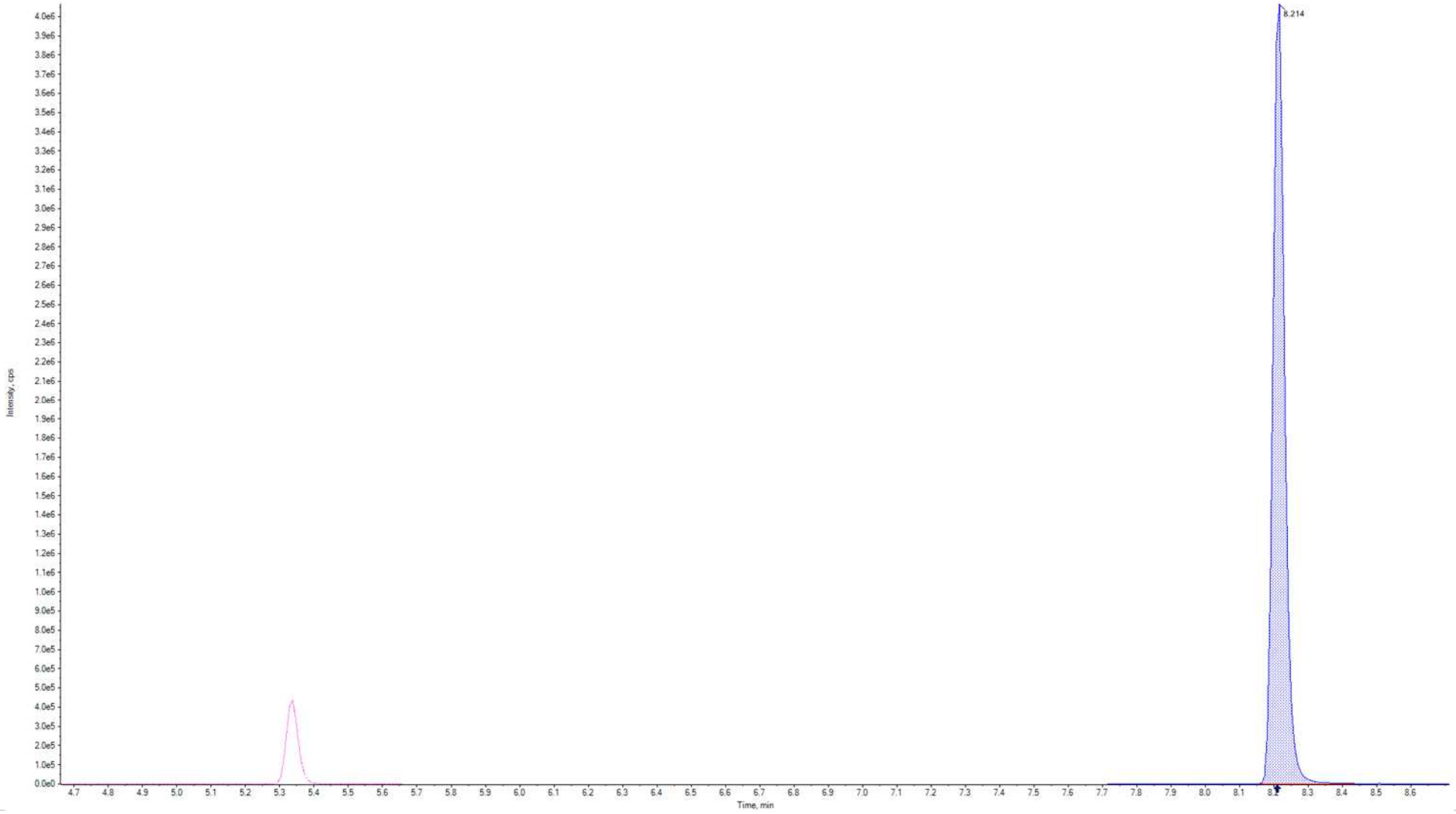
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA
Sample: IA1633STD-2.5 S/N:522133.7 Points Across peak:28



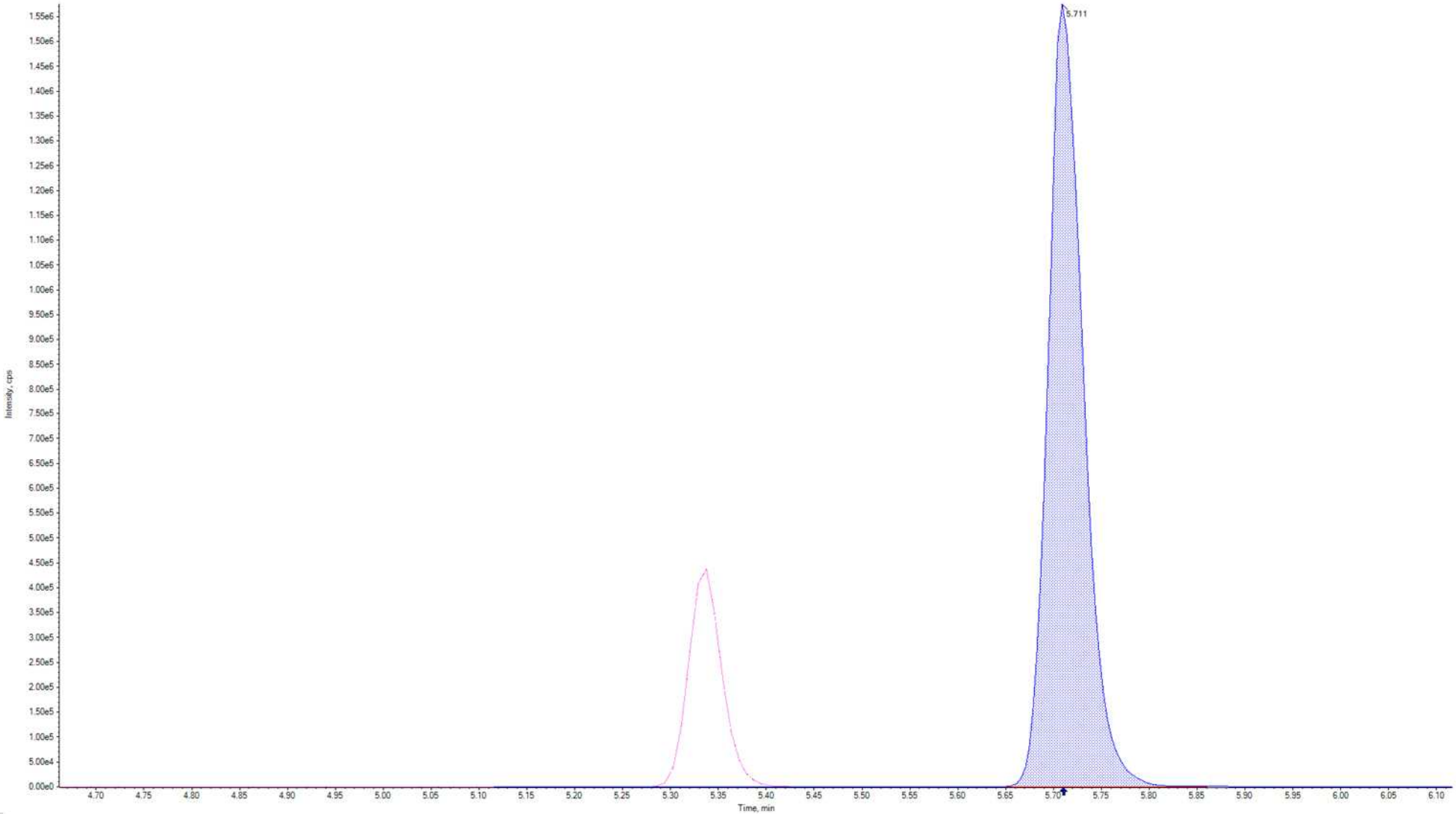
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA_2
Sample: IA1633STD-2.5 S/N:12414.0 Points Across peak:36



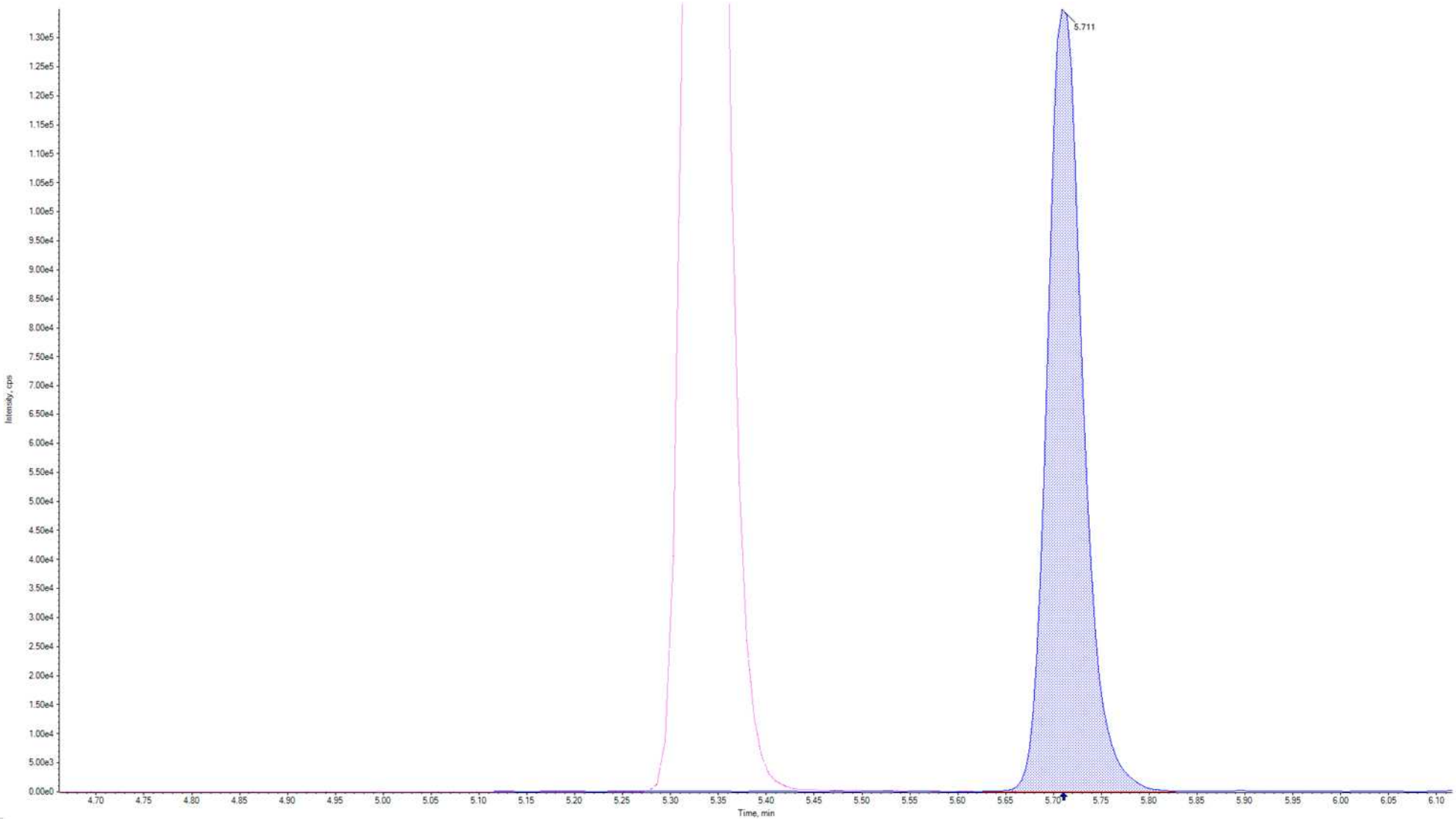
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA
Sample: IA1633STD-2.5 S/N:13782.4 Points Across peak:49



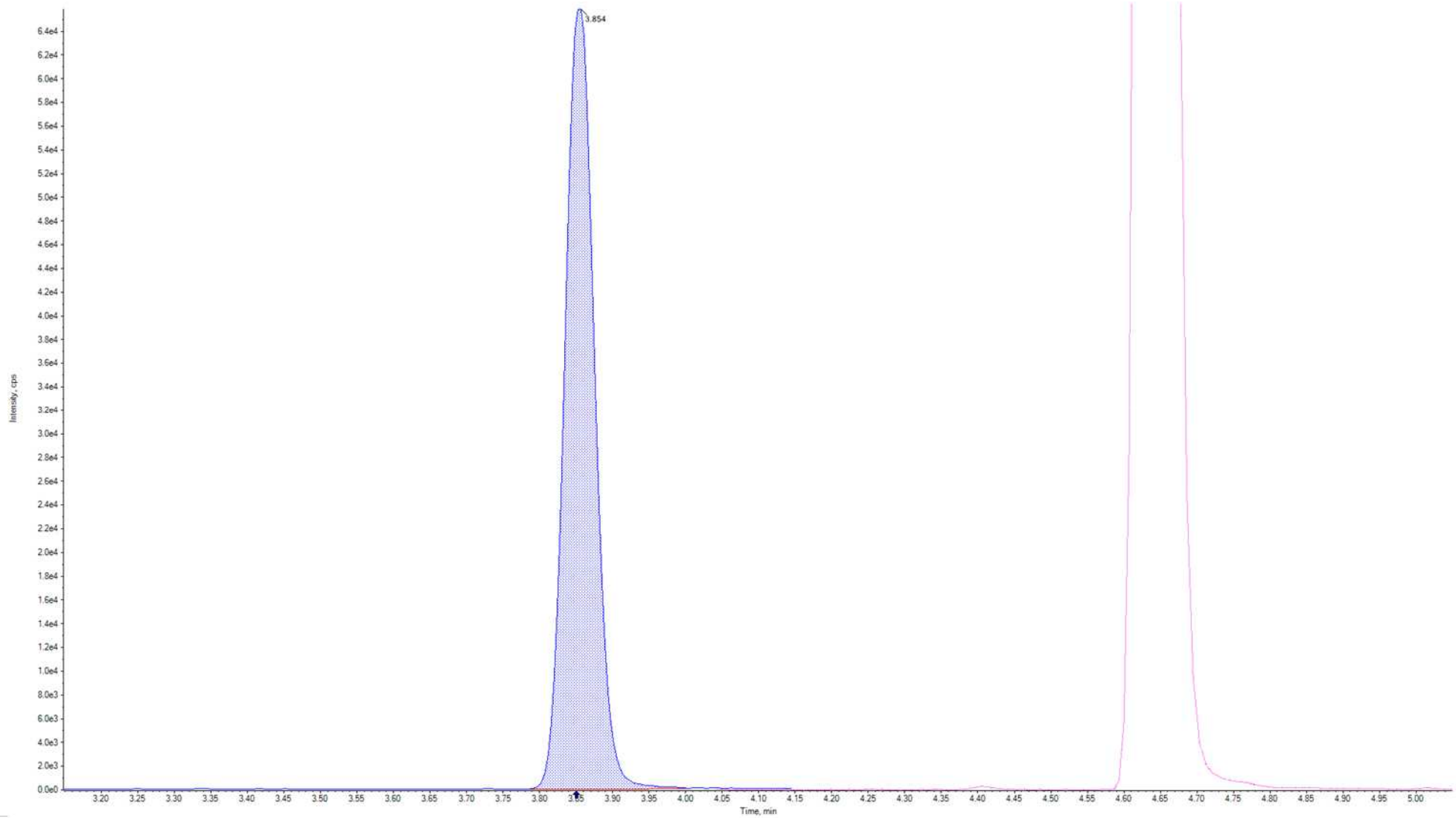
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA_2
Sample: IA1633STD-2.5 S/N:5167.2 Points Across peak:47



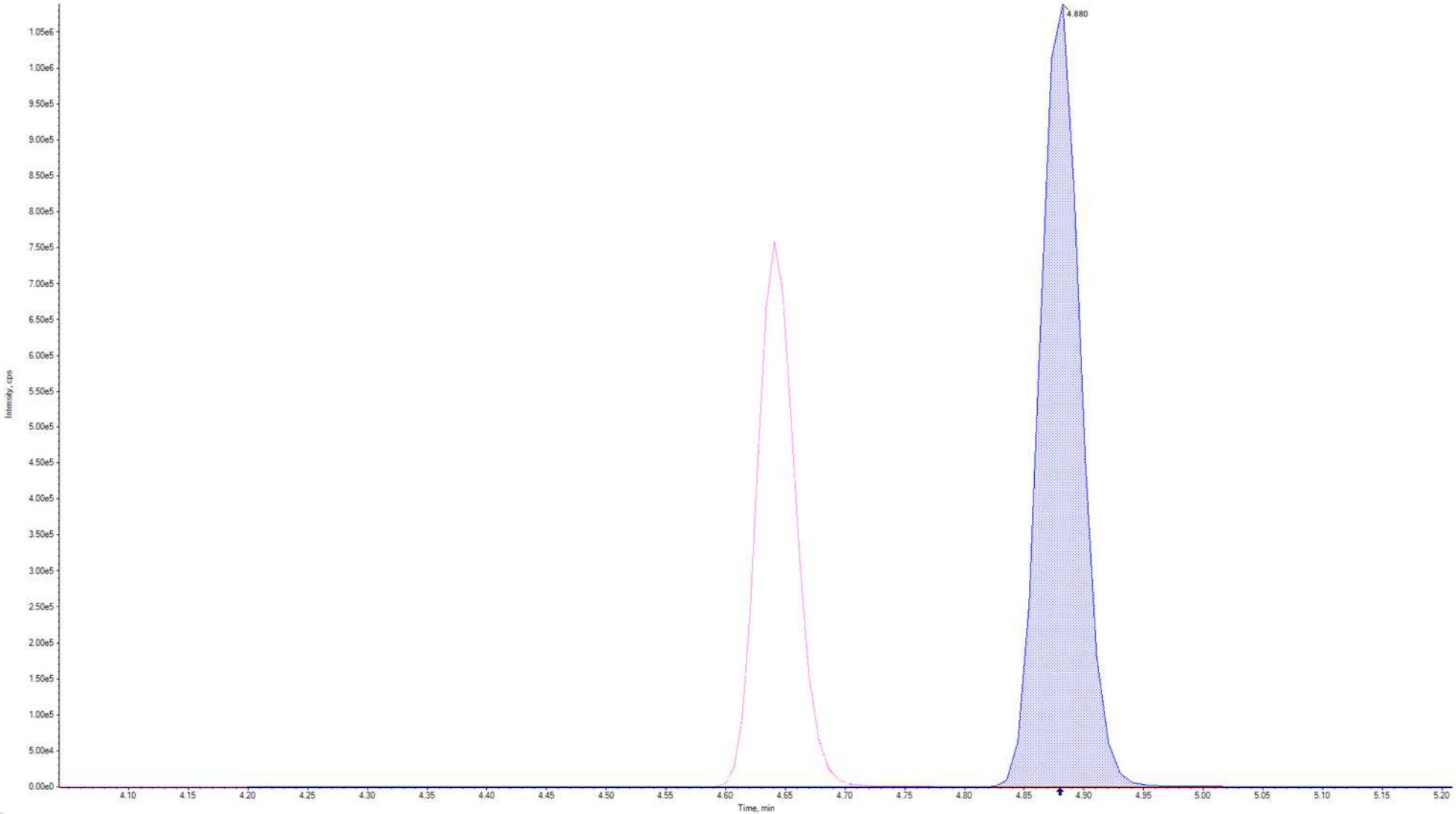
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFMPA
Sample: IA1633STD-2.5 S/N:3254.6 Points Across peak:56



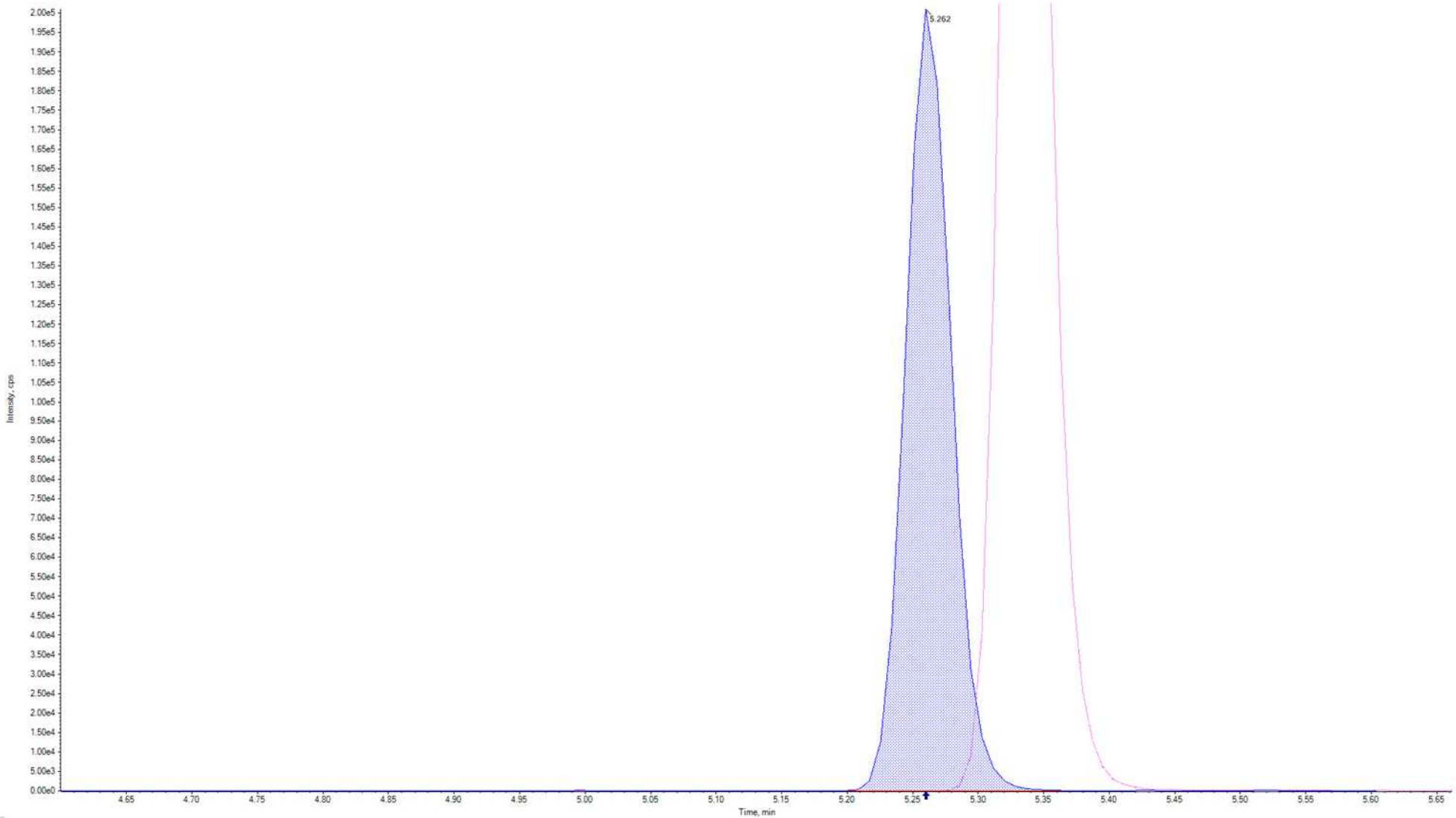
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFMBA
Sample: IA1633STD-2.5 S/N:9690.8 Points Across peak:32



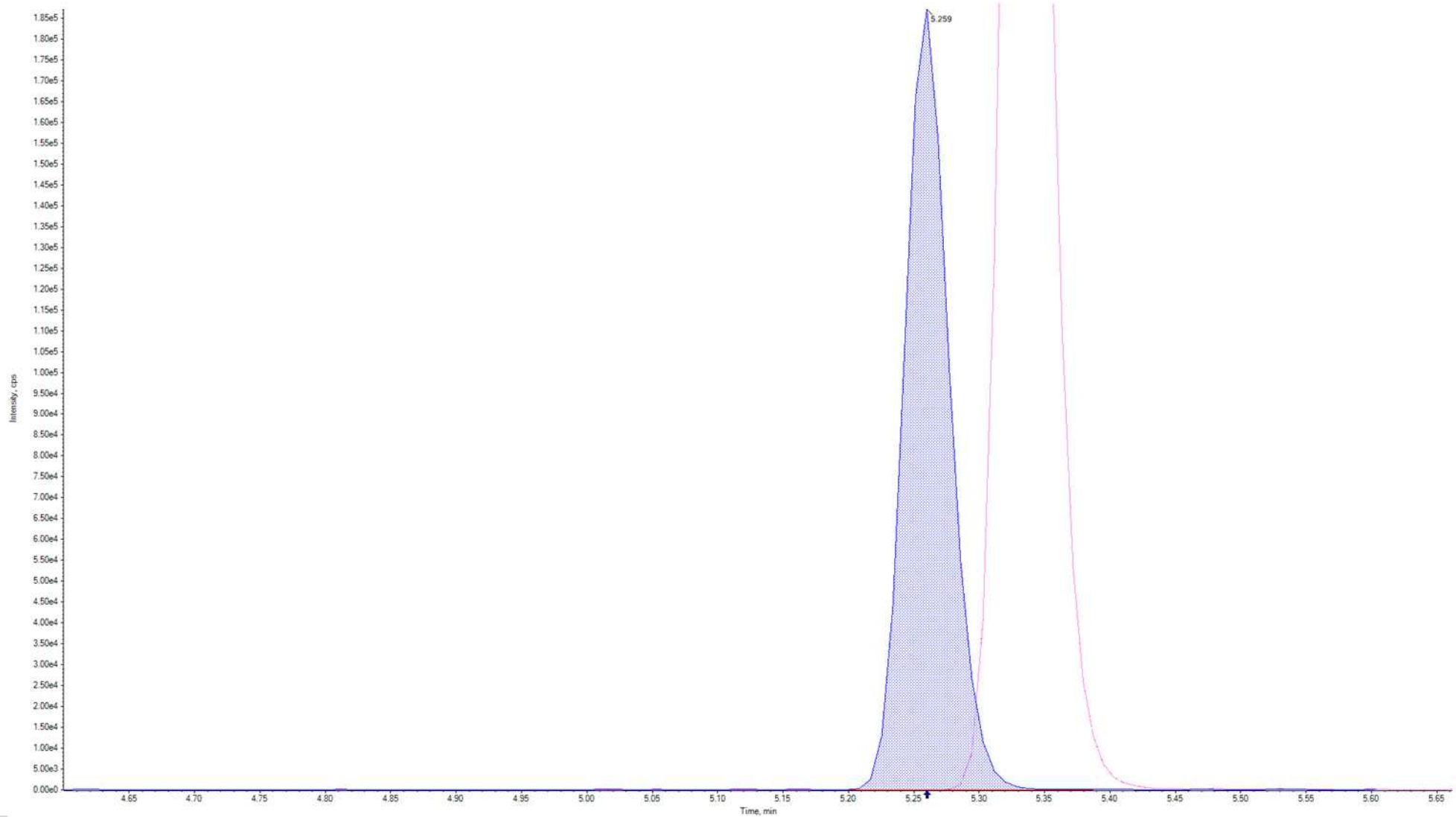
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA
Sample: IA1633STD-2.5 S/N:3449.7 Points Across peak:23



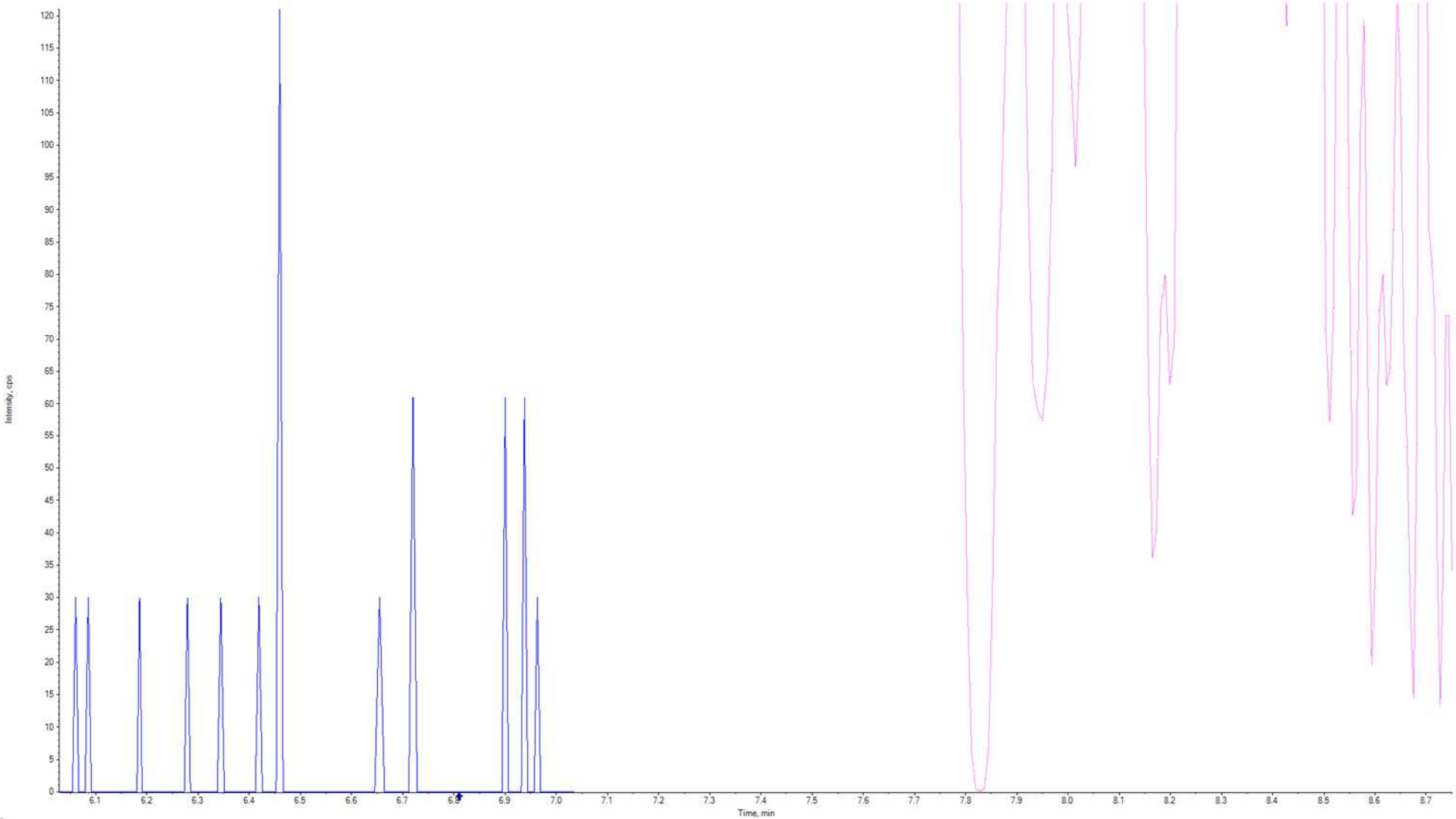
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA_2
Sample: IA1633STD-2.5 S/N:4615.7 Points Across peak:24

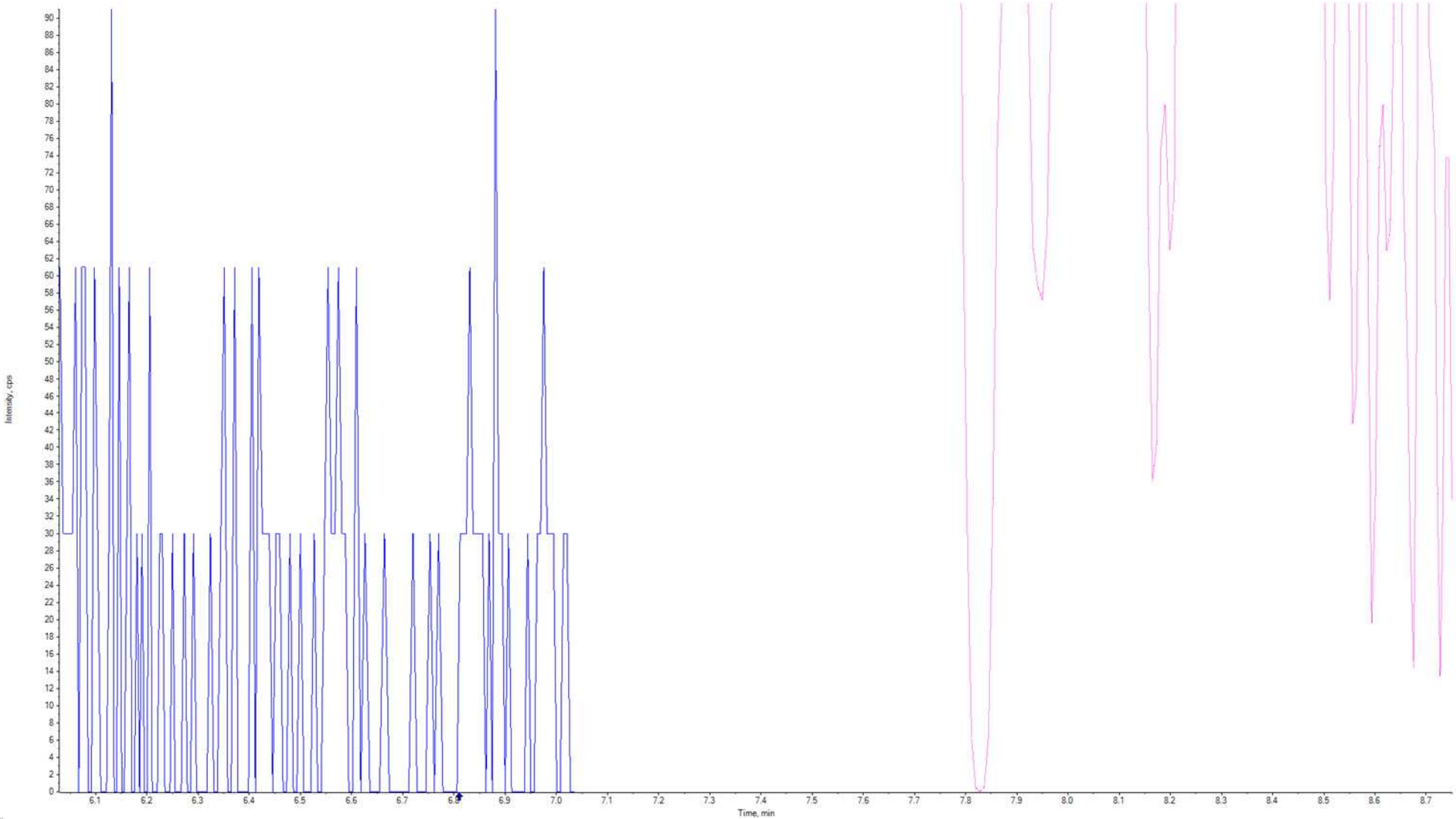


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

TDCA
Sample: IA1633STD-2.5 S/N:N/A Points Across peak:N/A

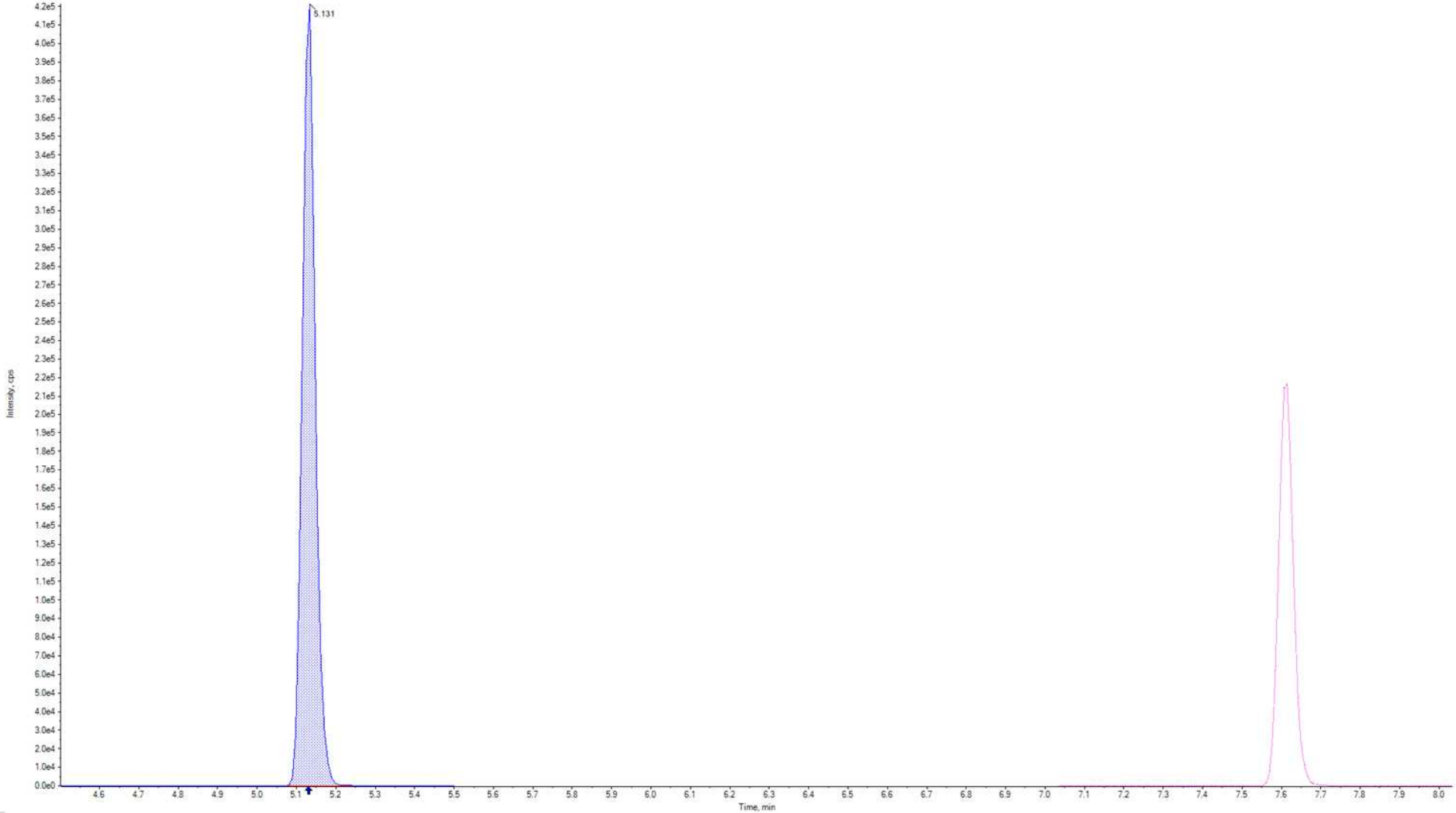


TDCA_2
Sample: IA1633STD-2.5 S/N:N/A Points Across peak:N/A



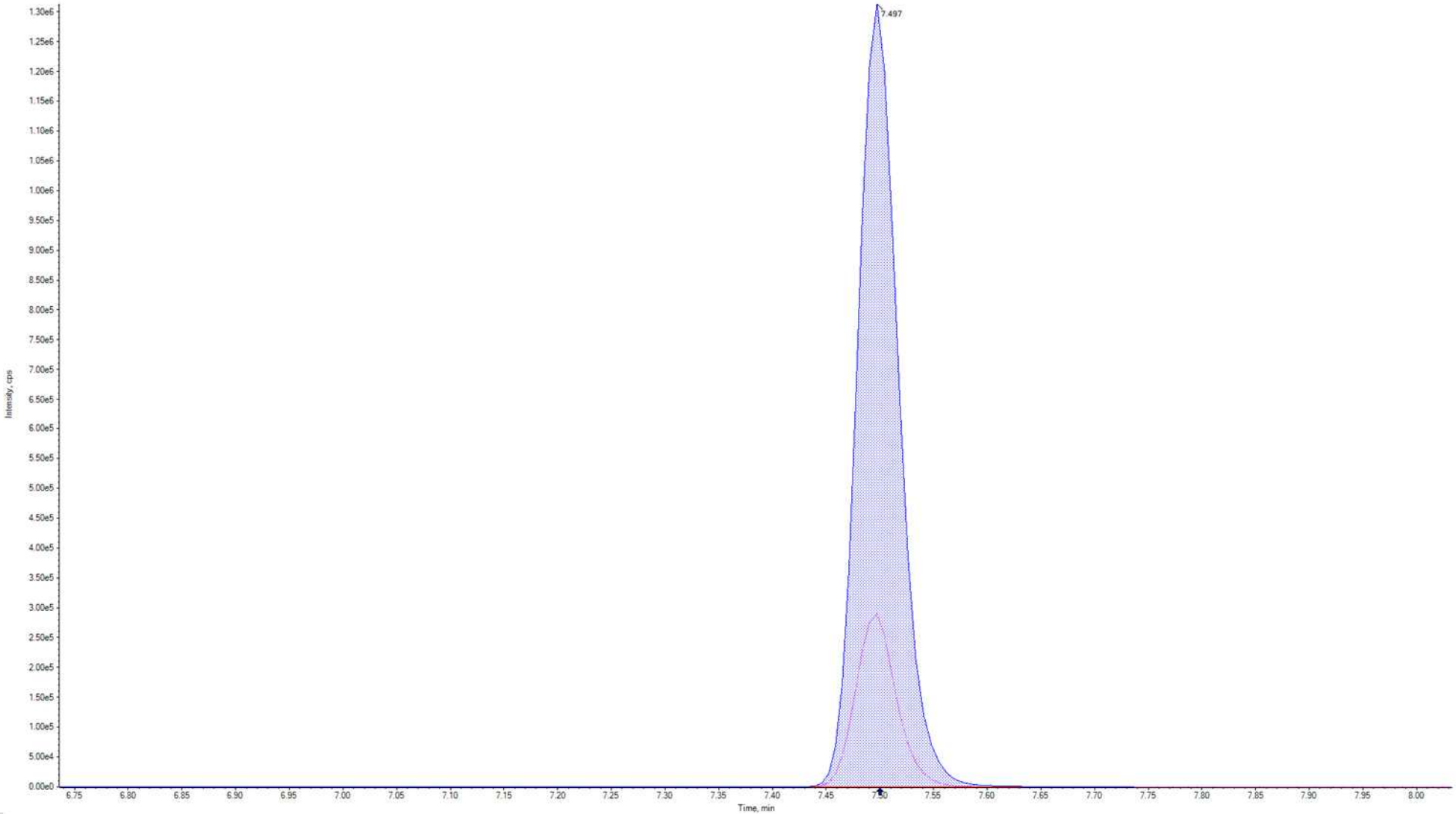
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

13C2D4-4:2FTS
Sample: IA1633STD-2.5 S/N:13708.7 Points Across peak:30



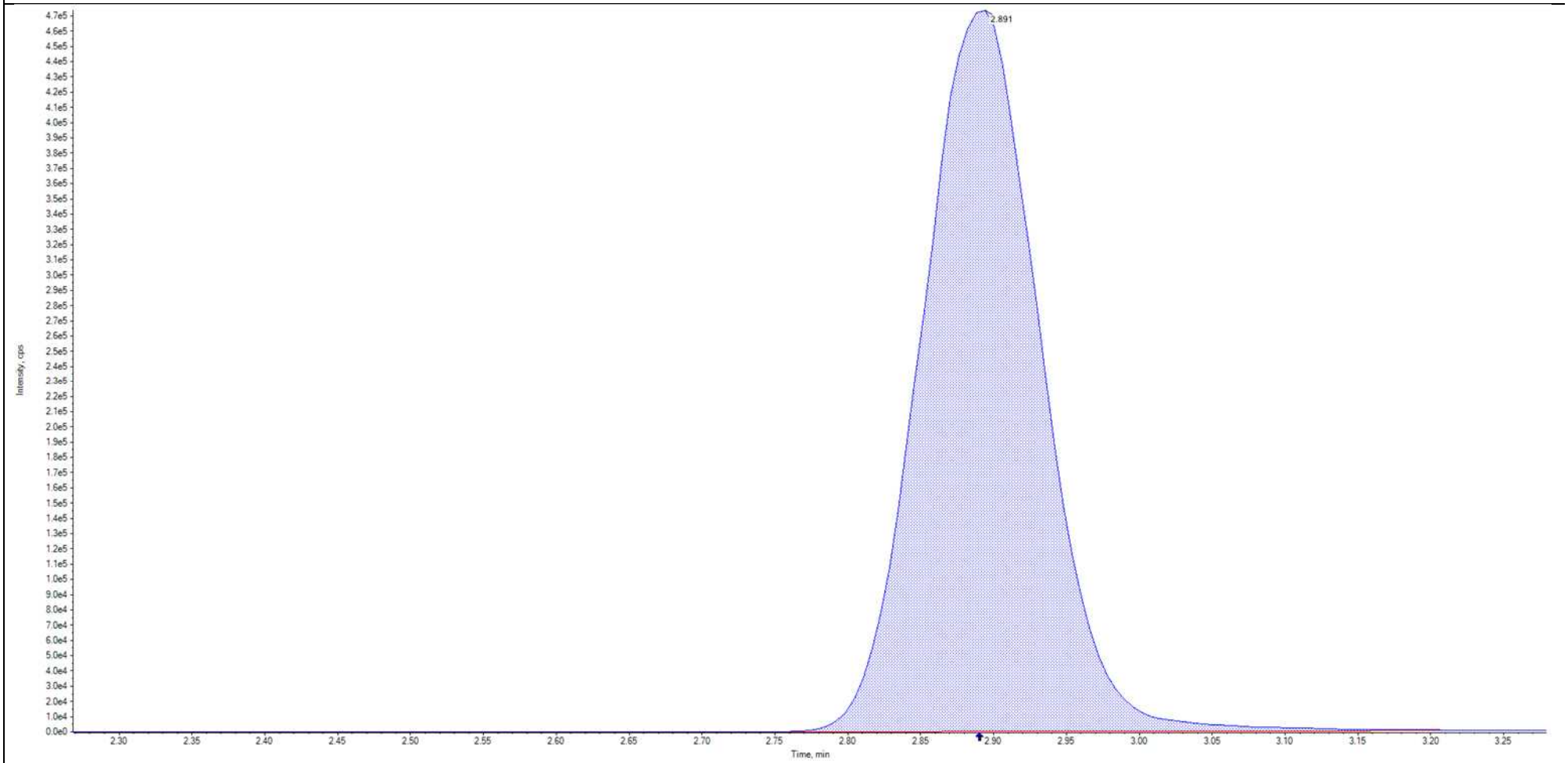
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

13C2-PFOA
Sample: IA1633STD-2.5 S/N:12951.8 Points Across peak:36

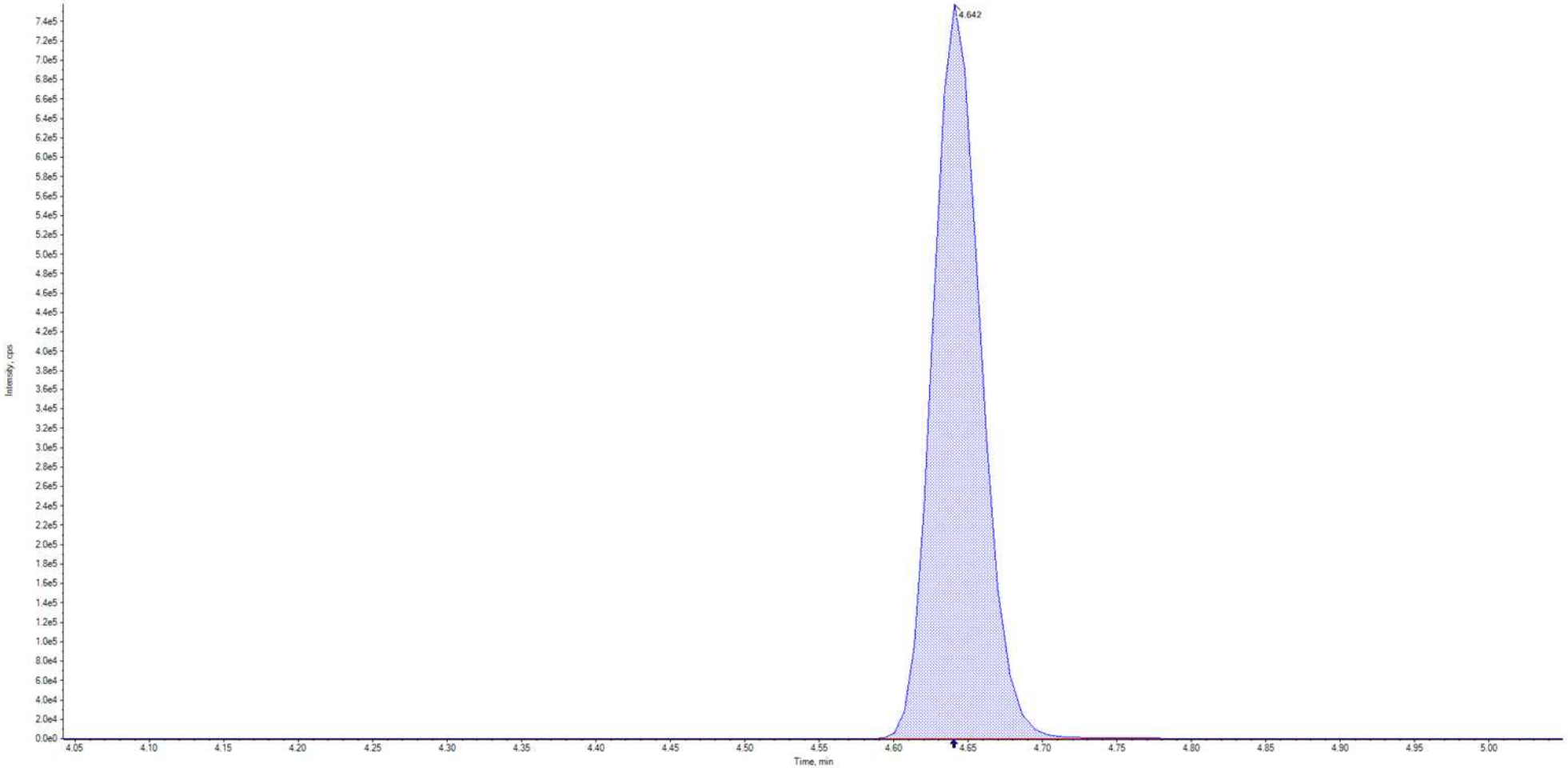


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

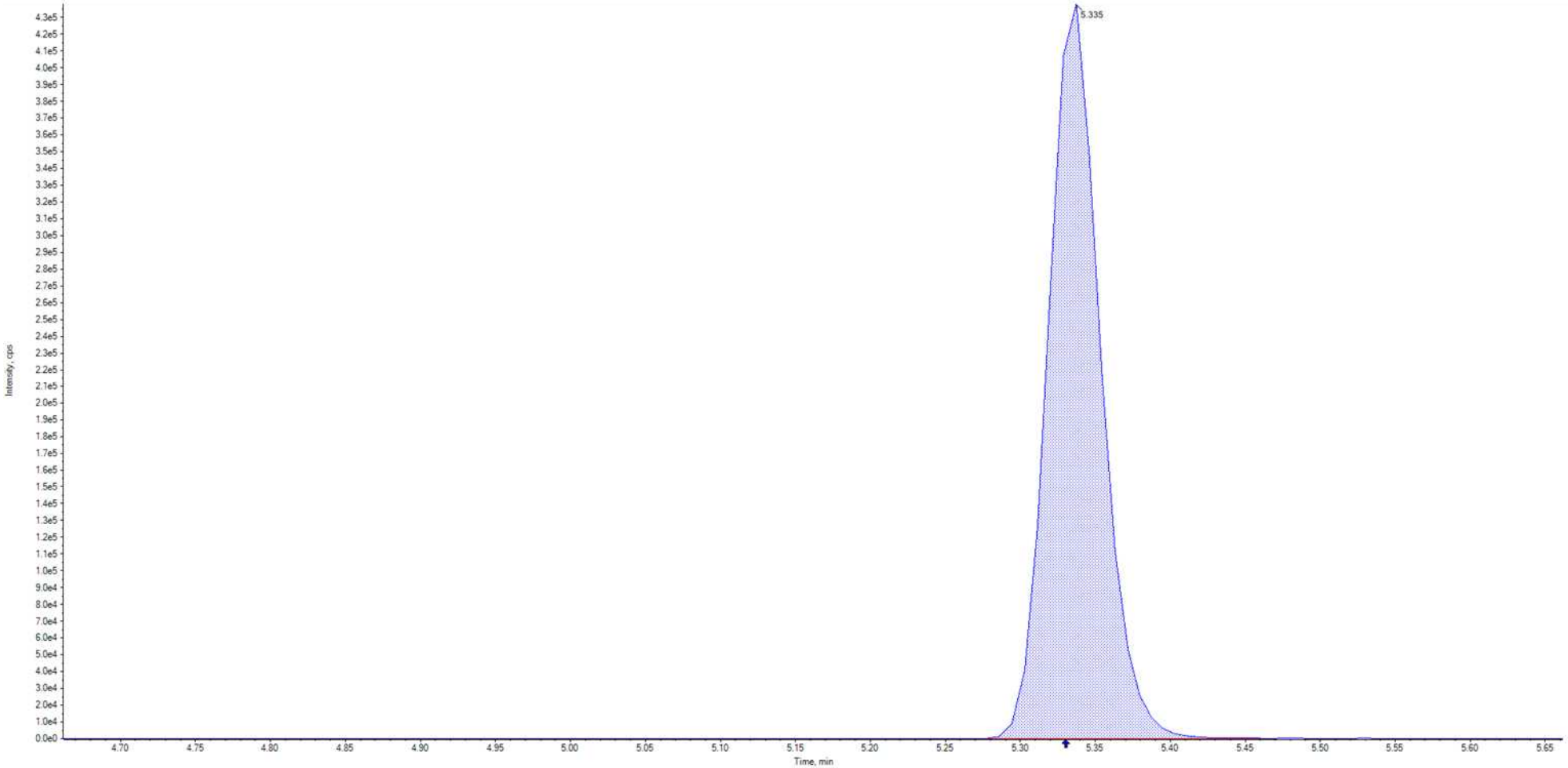
13C4-PFBA
Sample: IA1633STD-2.5



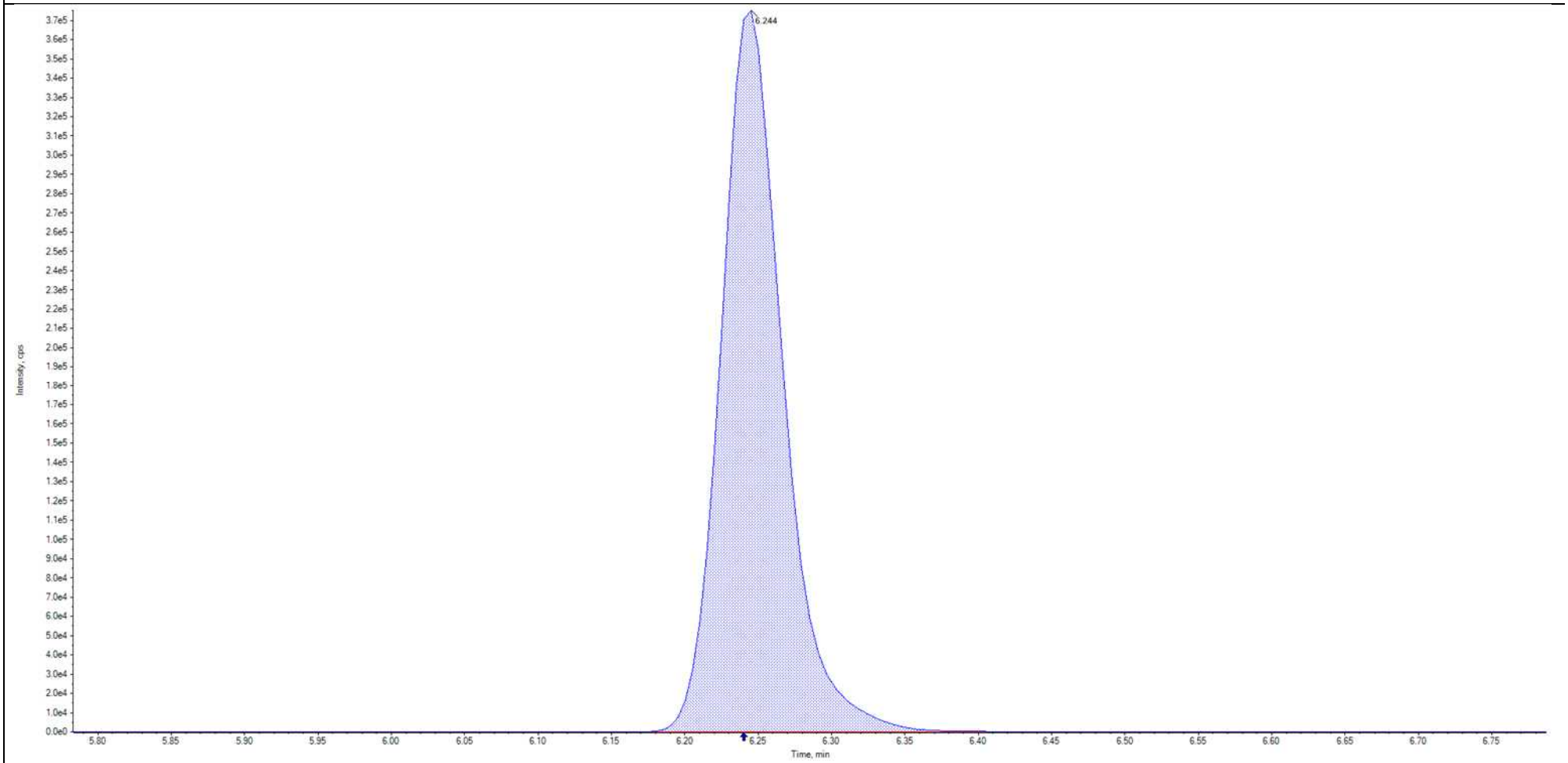
13C5-PFPeA
Sample: IA1633STD-2.5



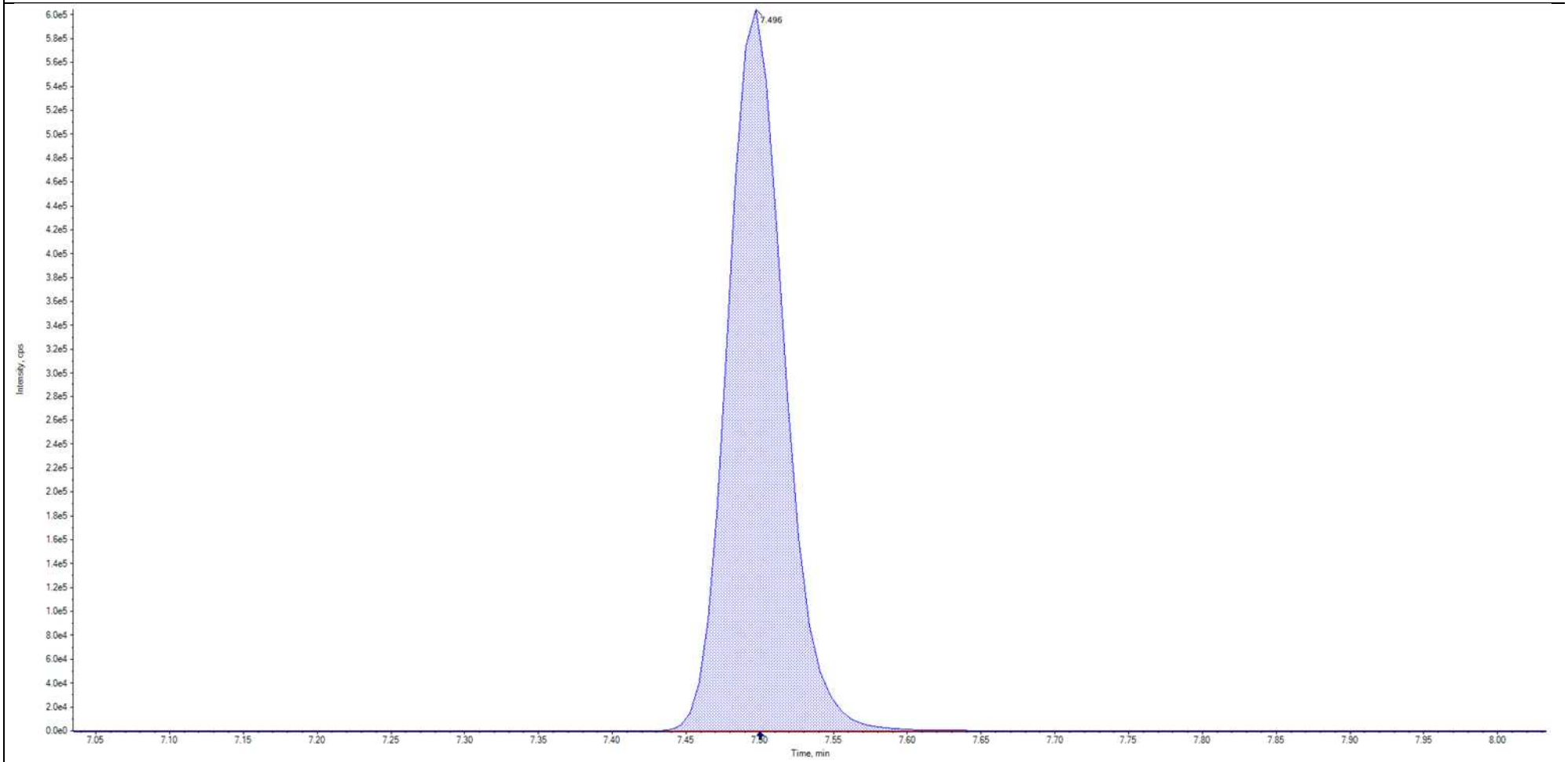
13C5-PFHxA
Sample: IA1633STD-2.5



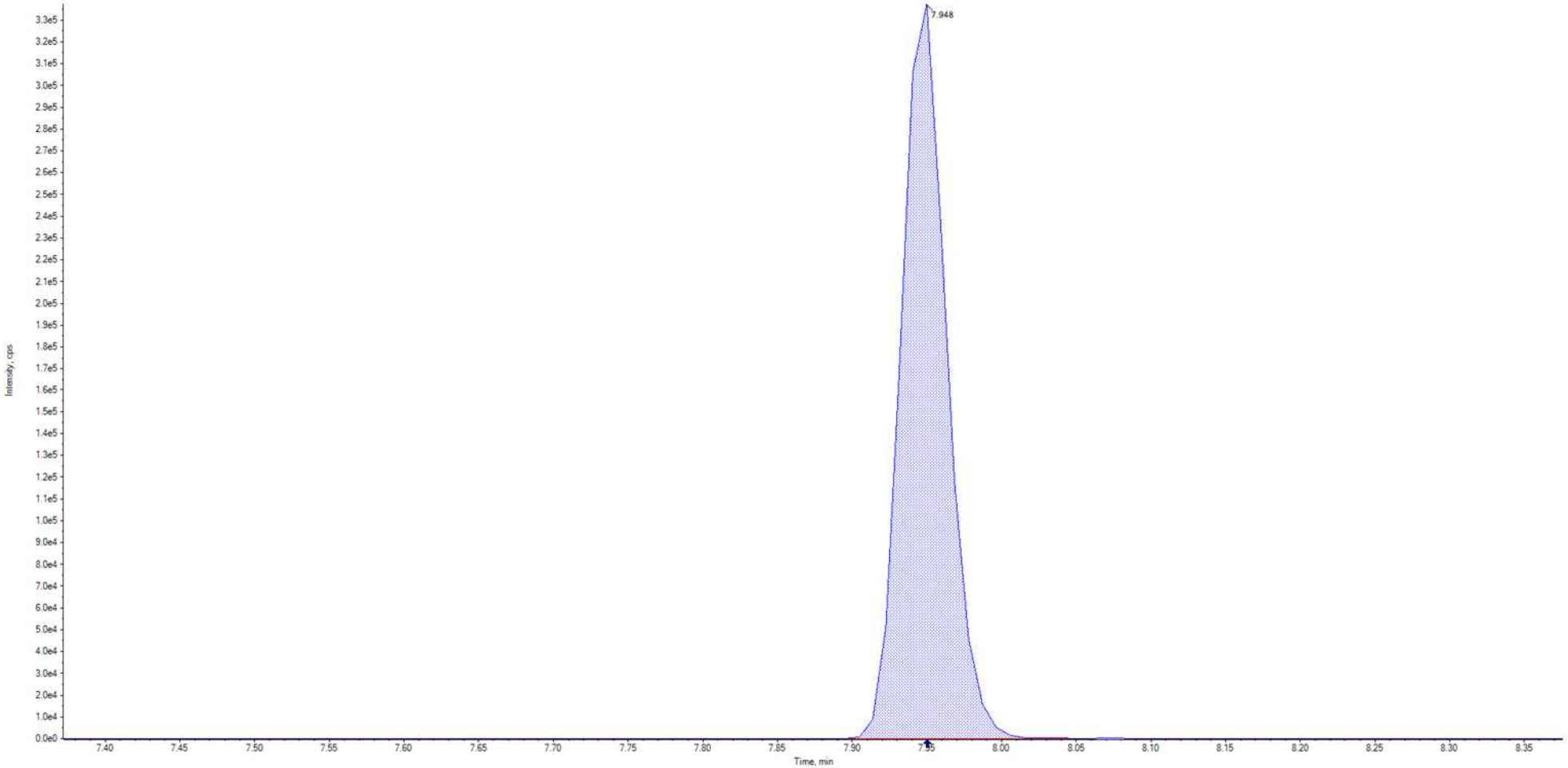
13C4-PFHpA
Sample: IA1633STD-2.5



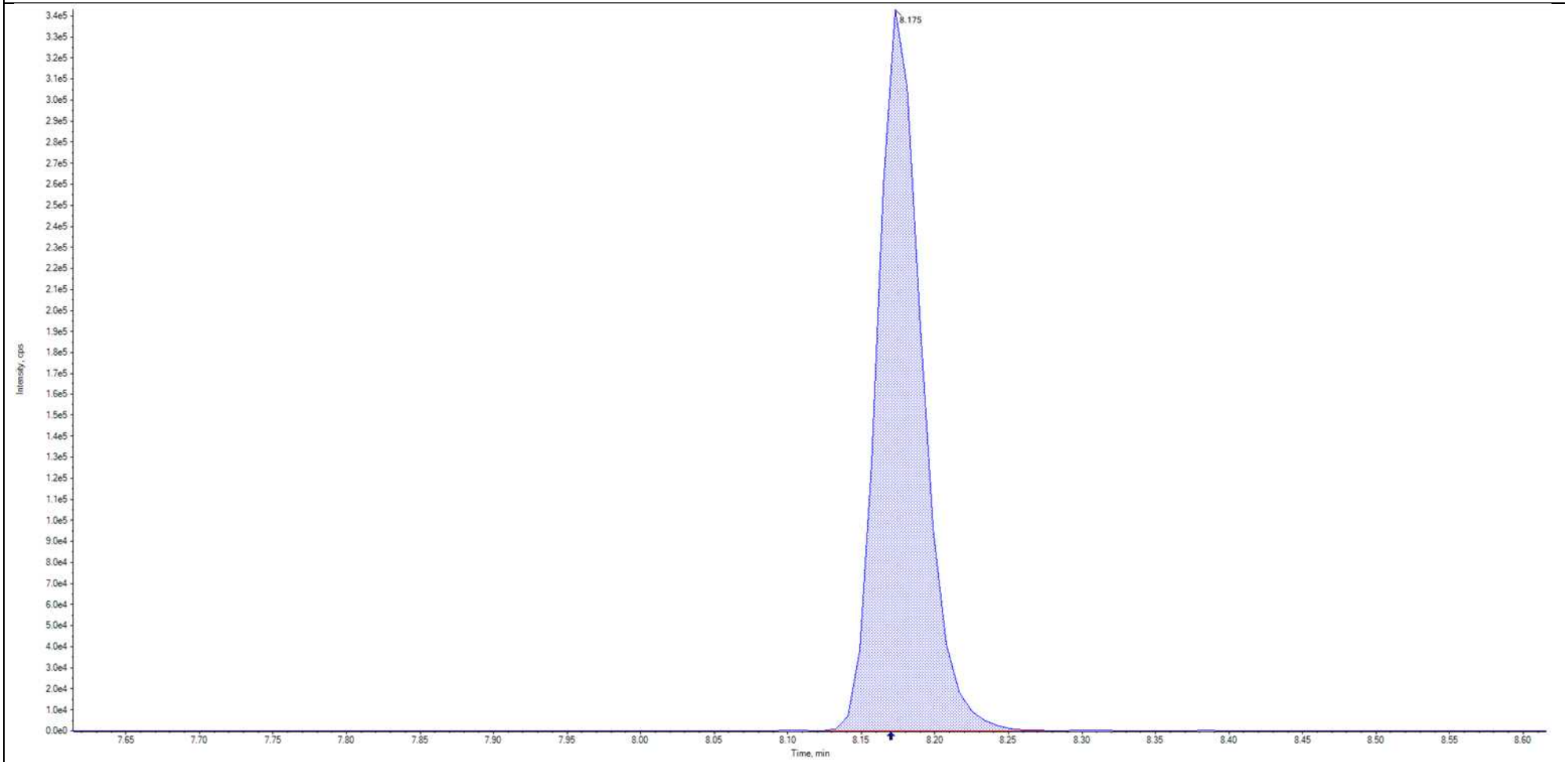
13C8-PFOA
Sample: IA1633STD-2.5



13C9-PFNA
Sample: IA1633STD-2.5

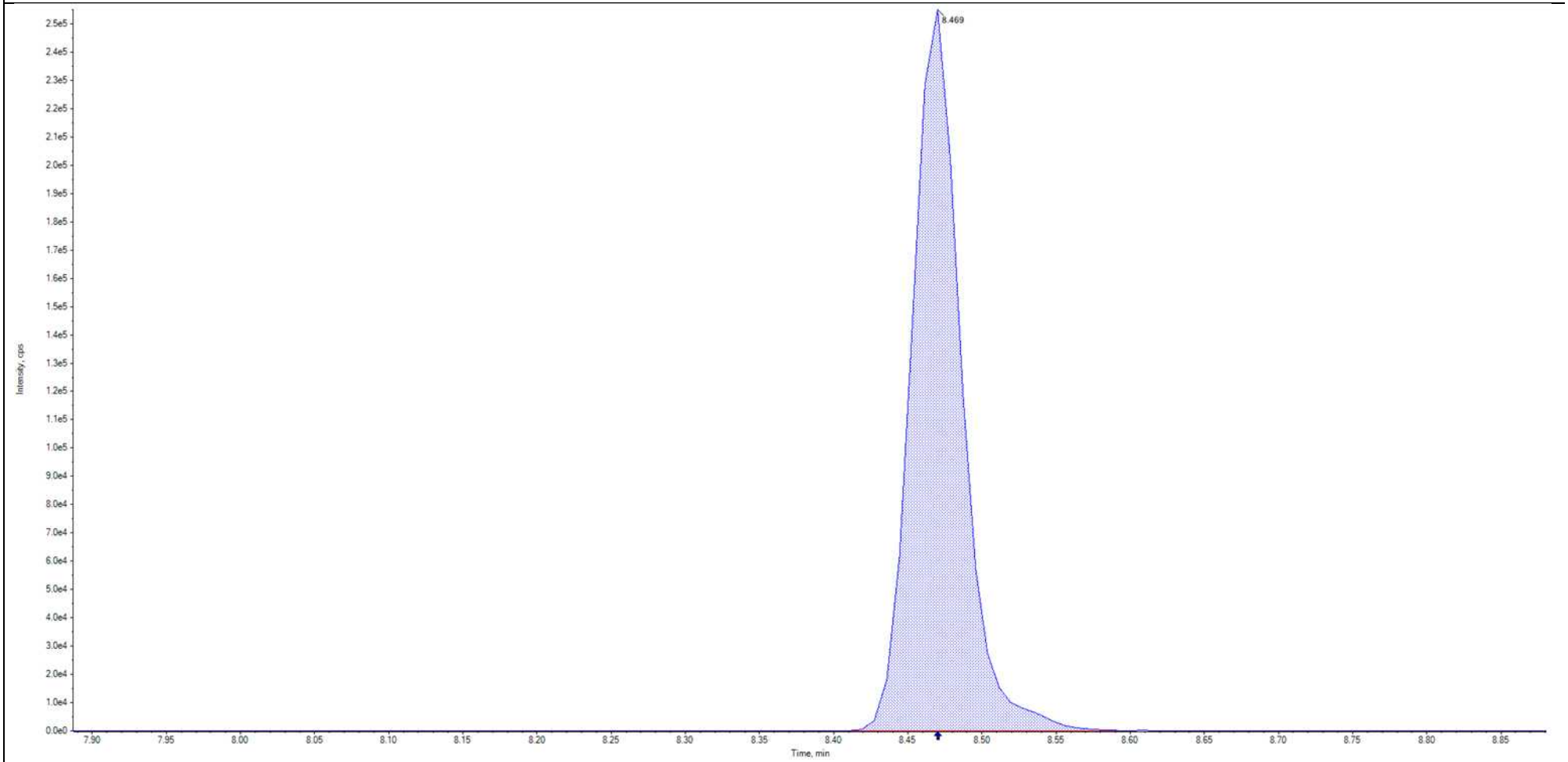


13C6-PFDA
Sample: IA1633STD-2.5

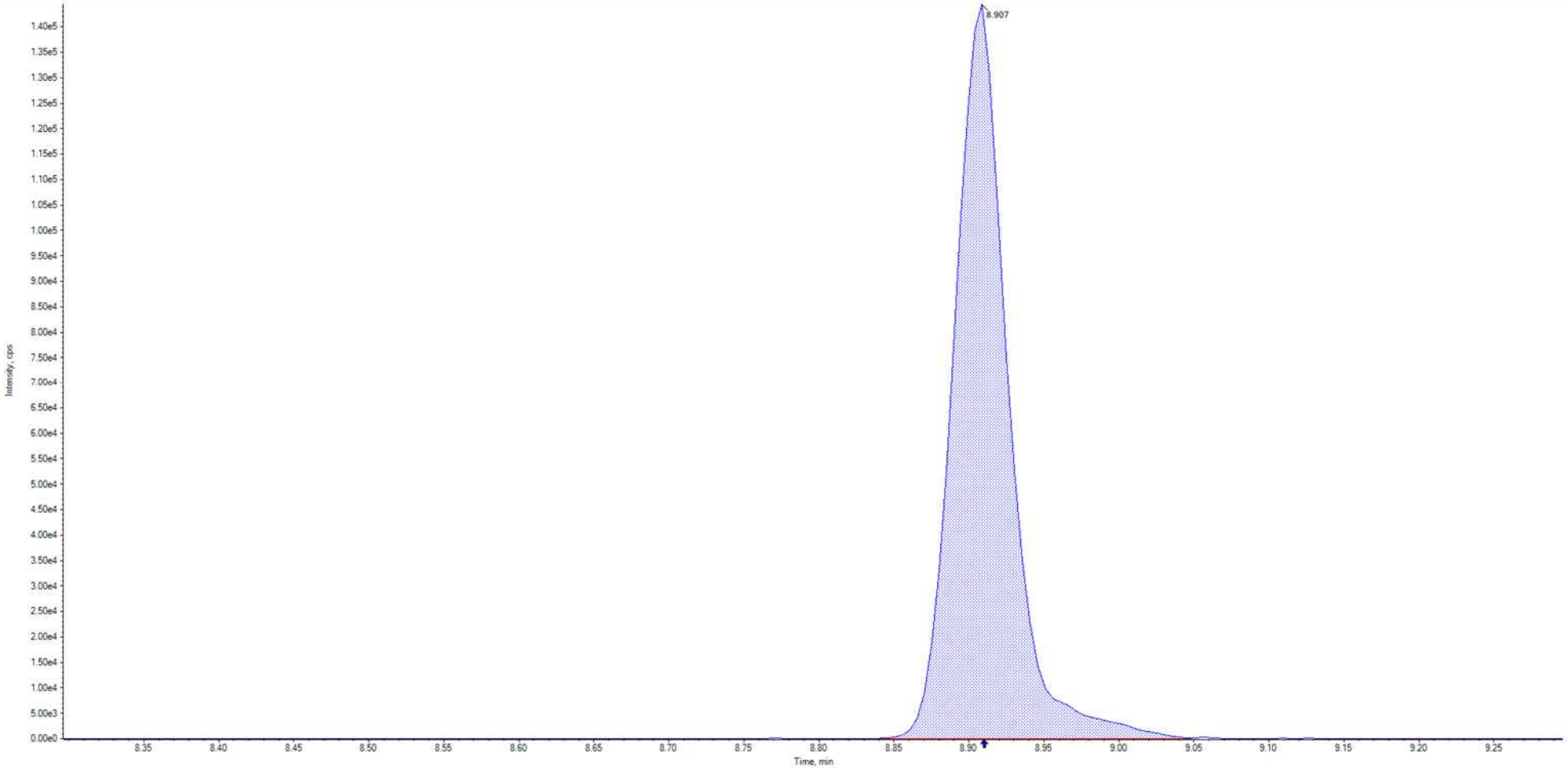


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_75.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

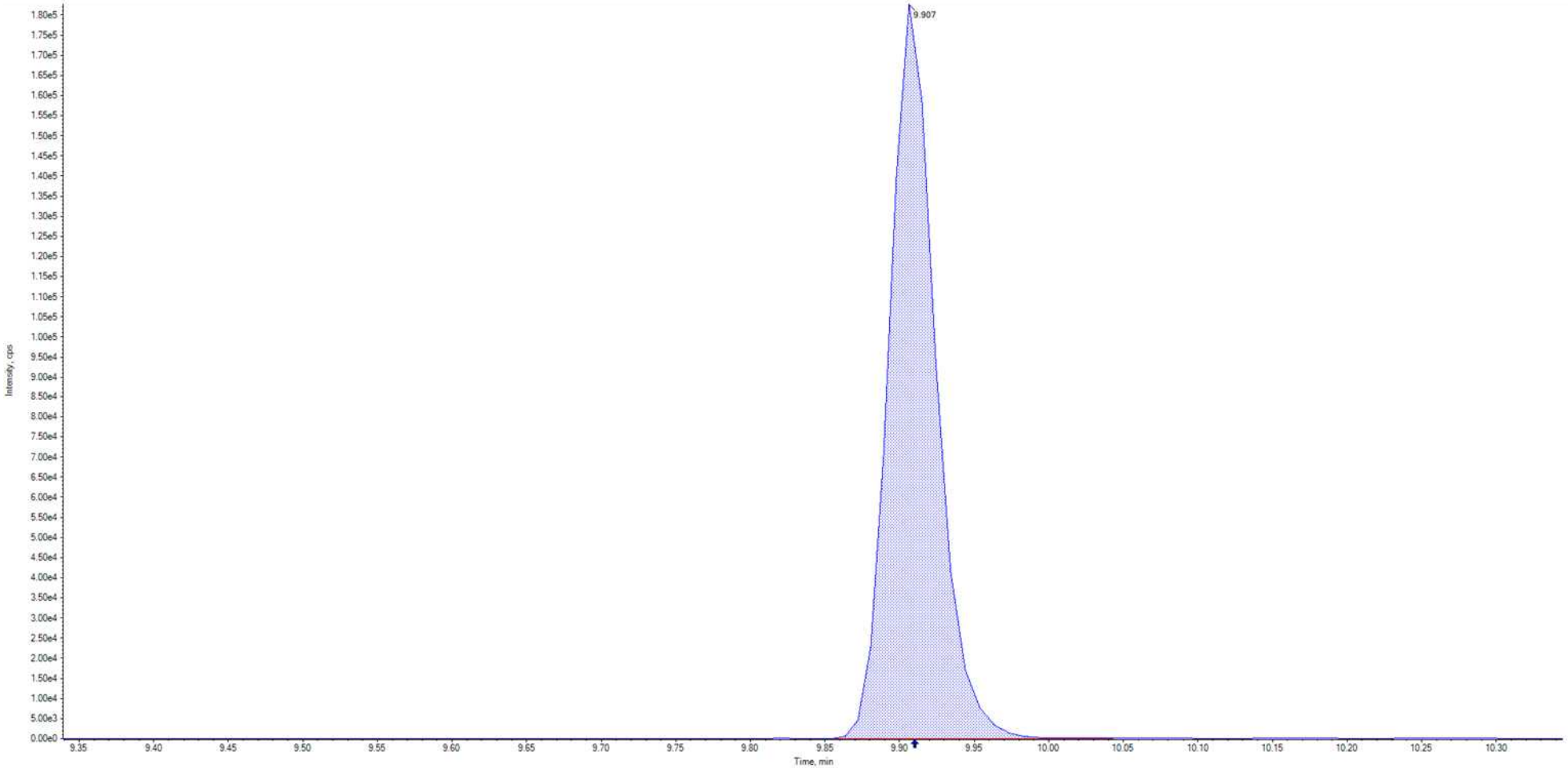
13C7-PFUnA
Sample: IA1633STD-2.5



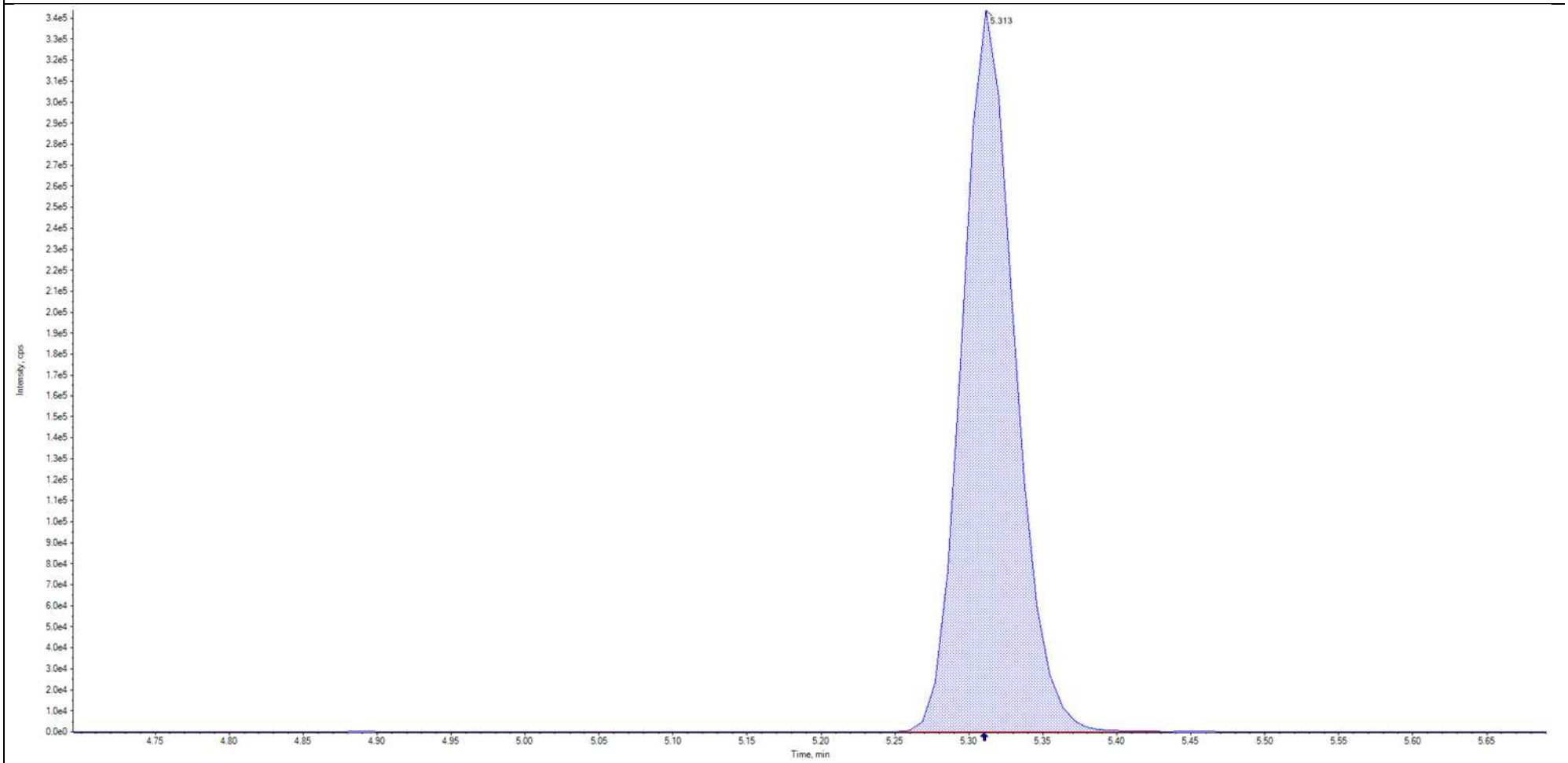
13C2-PFDoA
Sample: IA1633STD-2.5



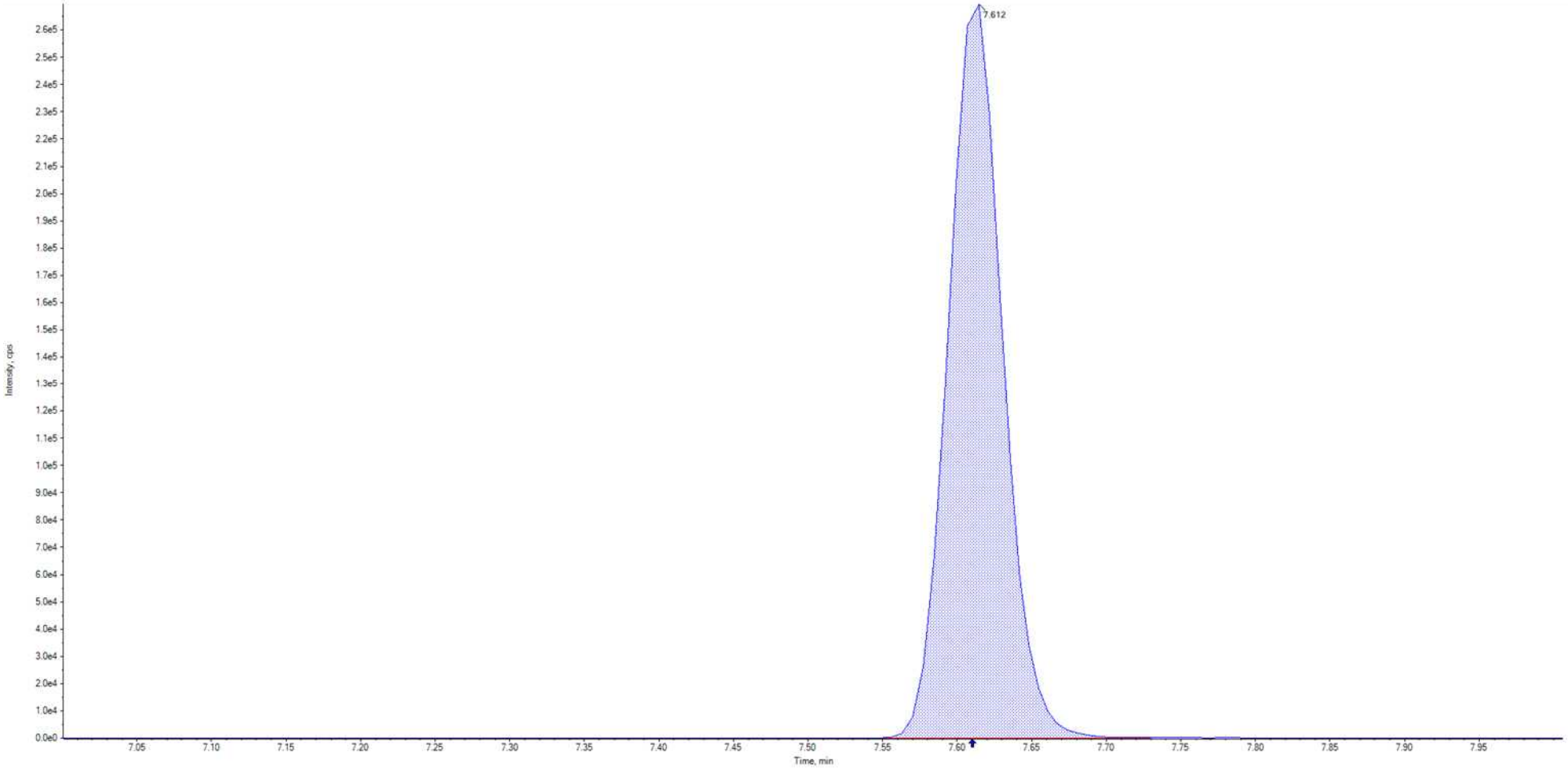
13C2-PFTeDA
Sample: IA1633STD-2.5



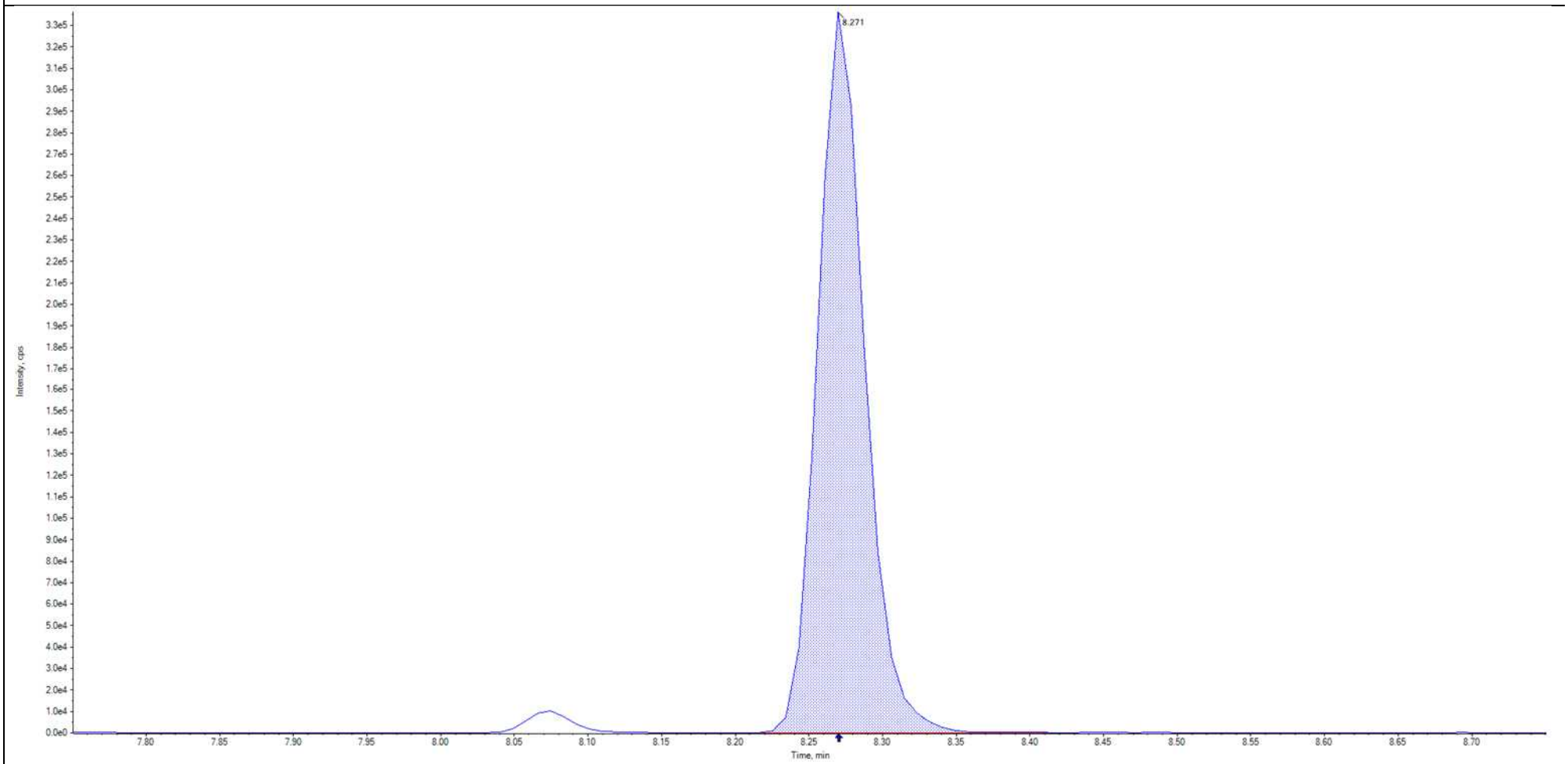
13C3-PFBS
Sample: IA1633STD-2.5



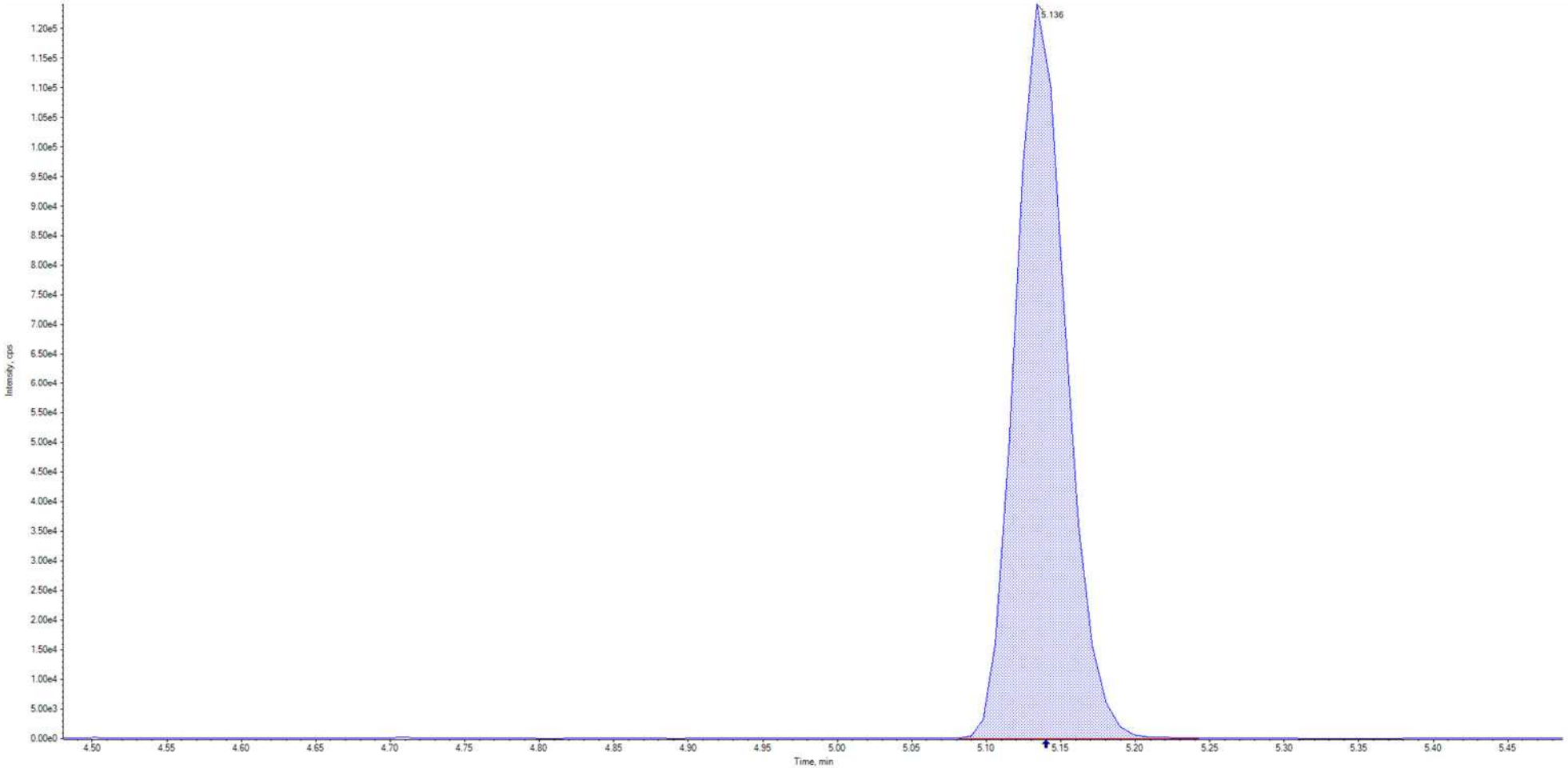
13C3-PFHxS
Sample: IA1633STD-2.5



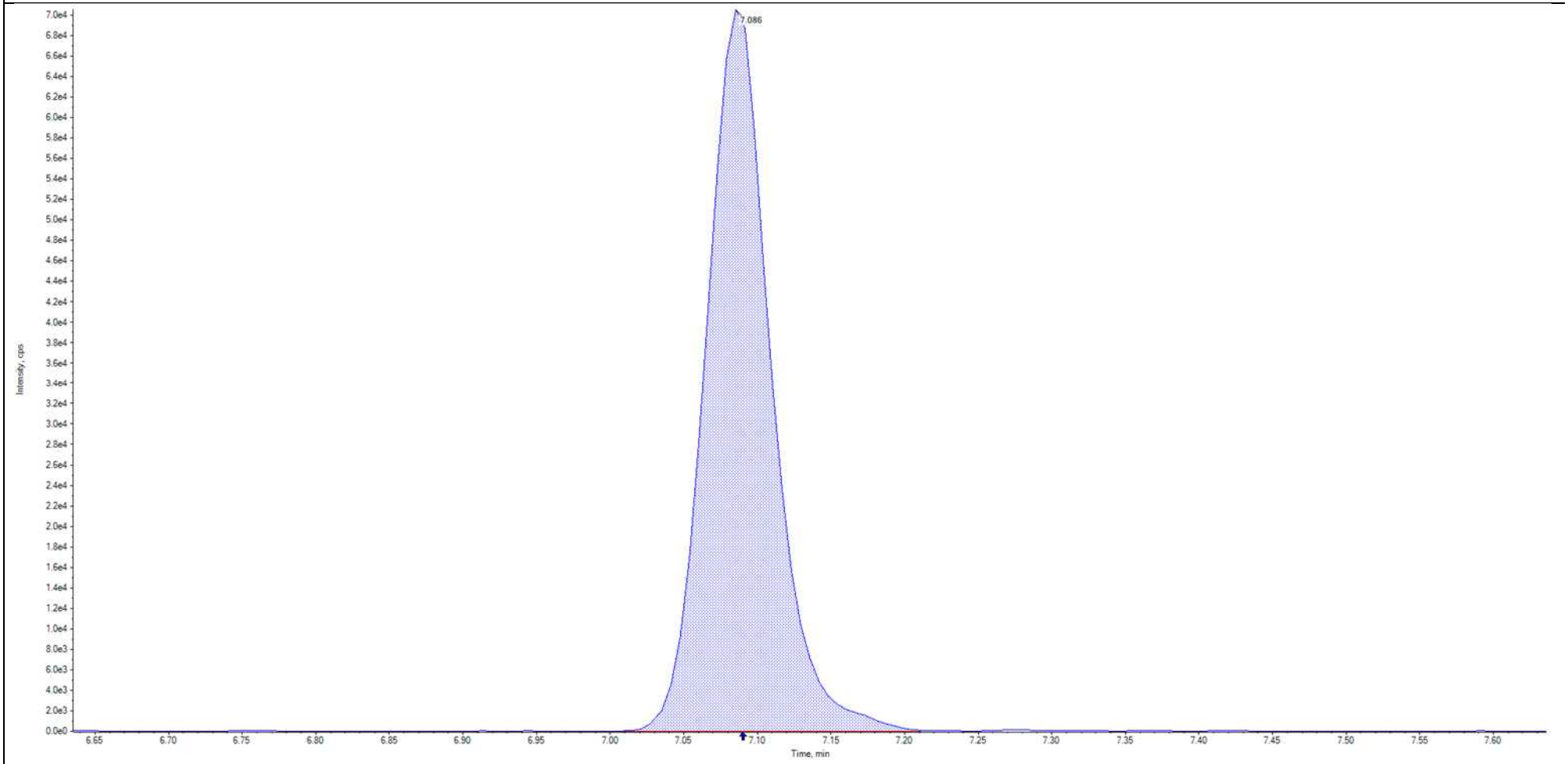
13C8-PFOS
Sample: IA1633STD-2.5



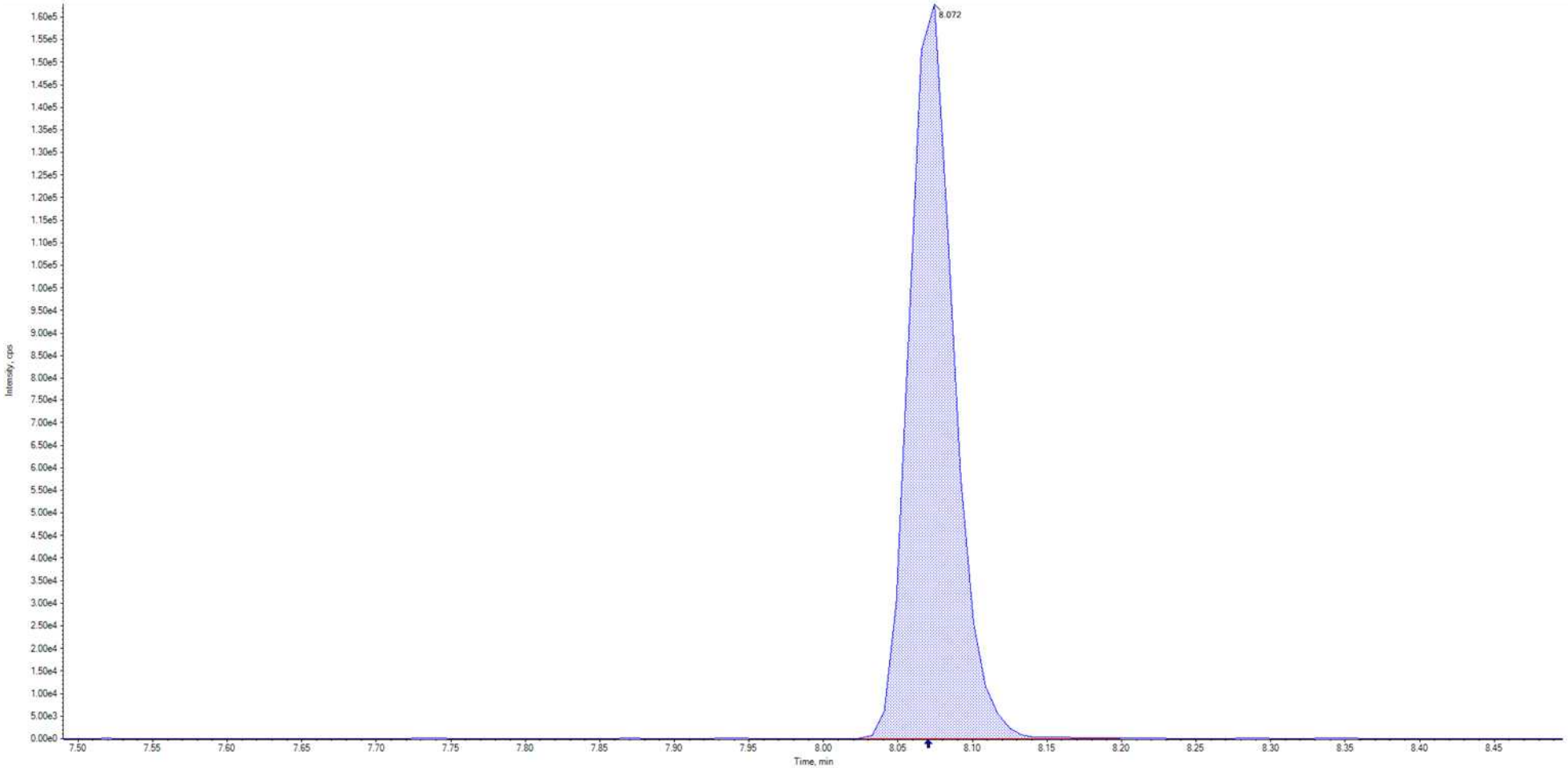
13C2-4:2FTS
Sample: IA1633STD-2.5



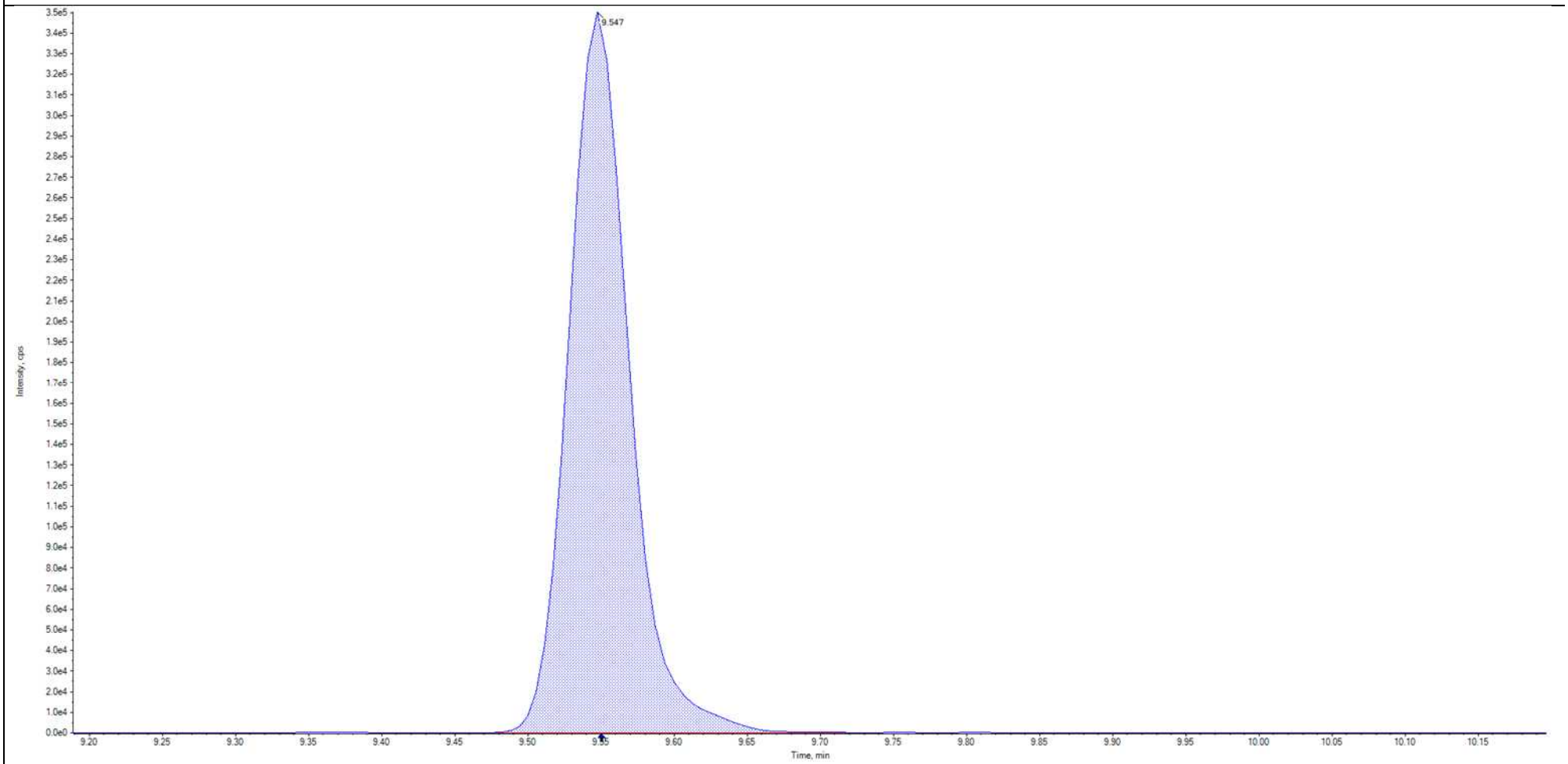
13C2-6:2FTS
Sample: IA1633STD-2.5



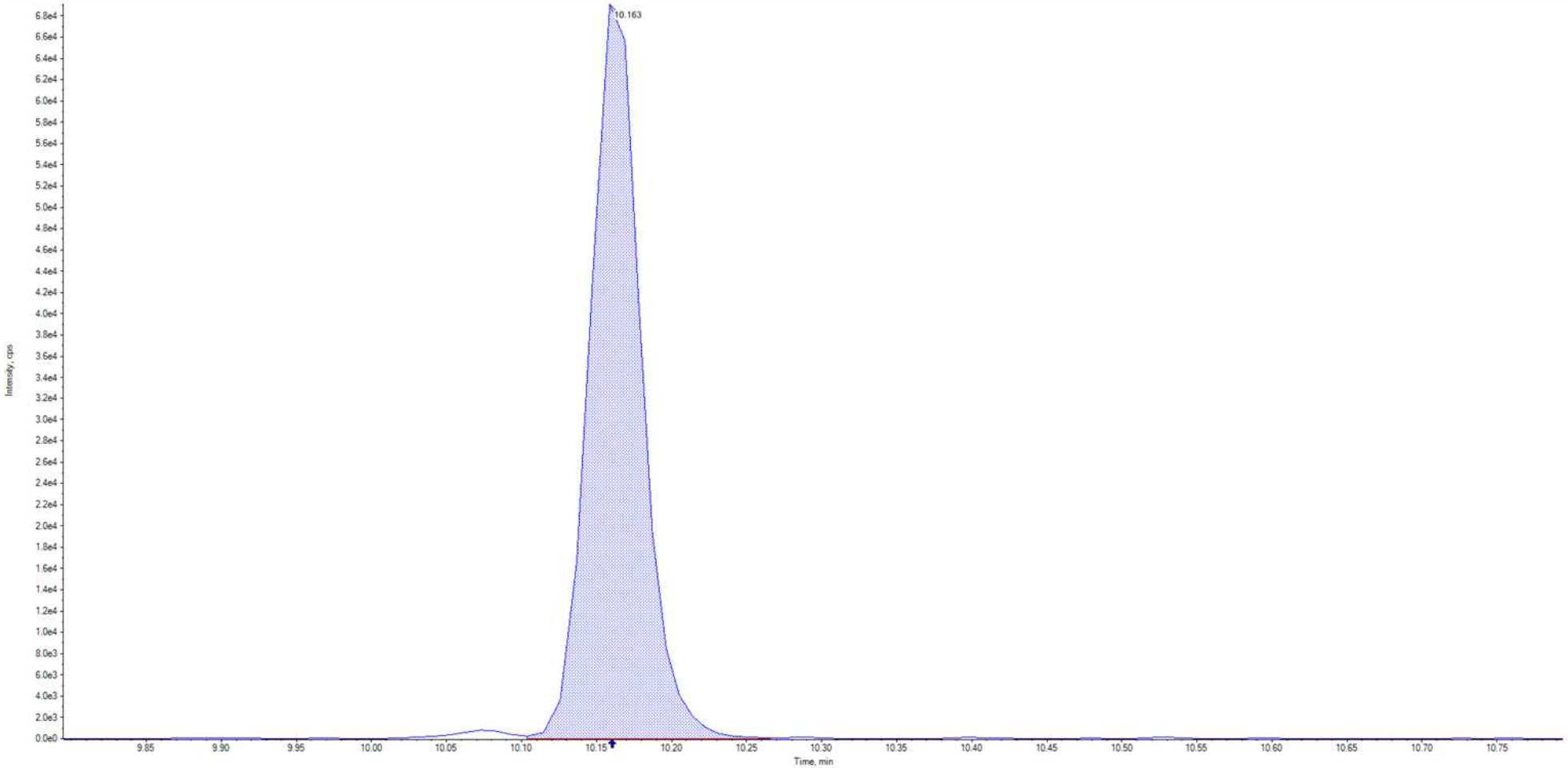
13C2-8:2FTS
Sample: IA1633STD-2.5



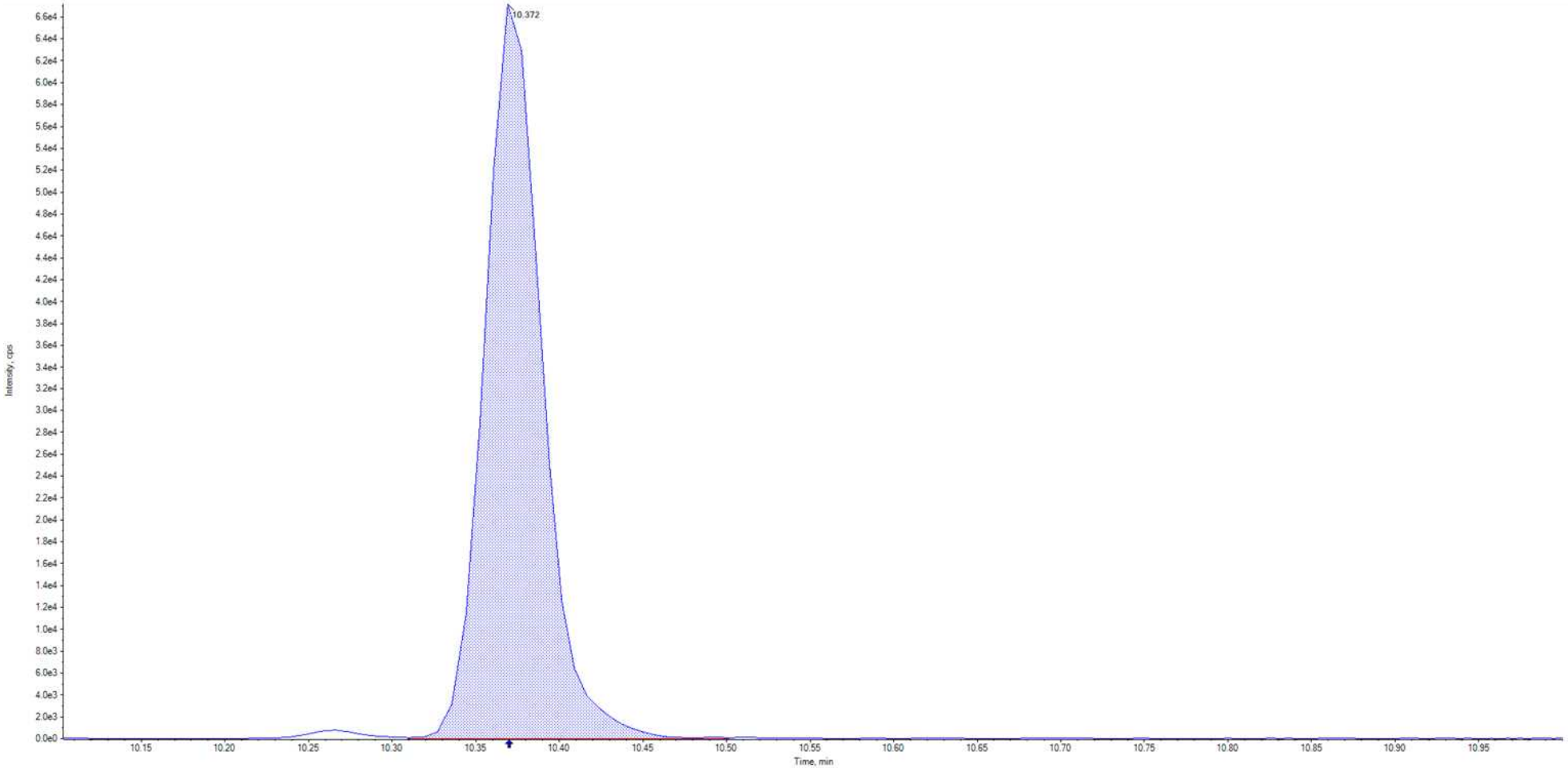
13C8-PFOSA
Sample: IA1633STD-2.5



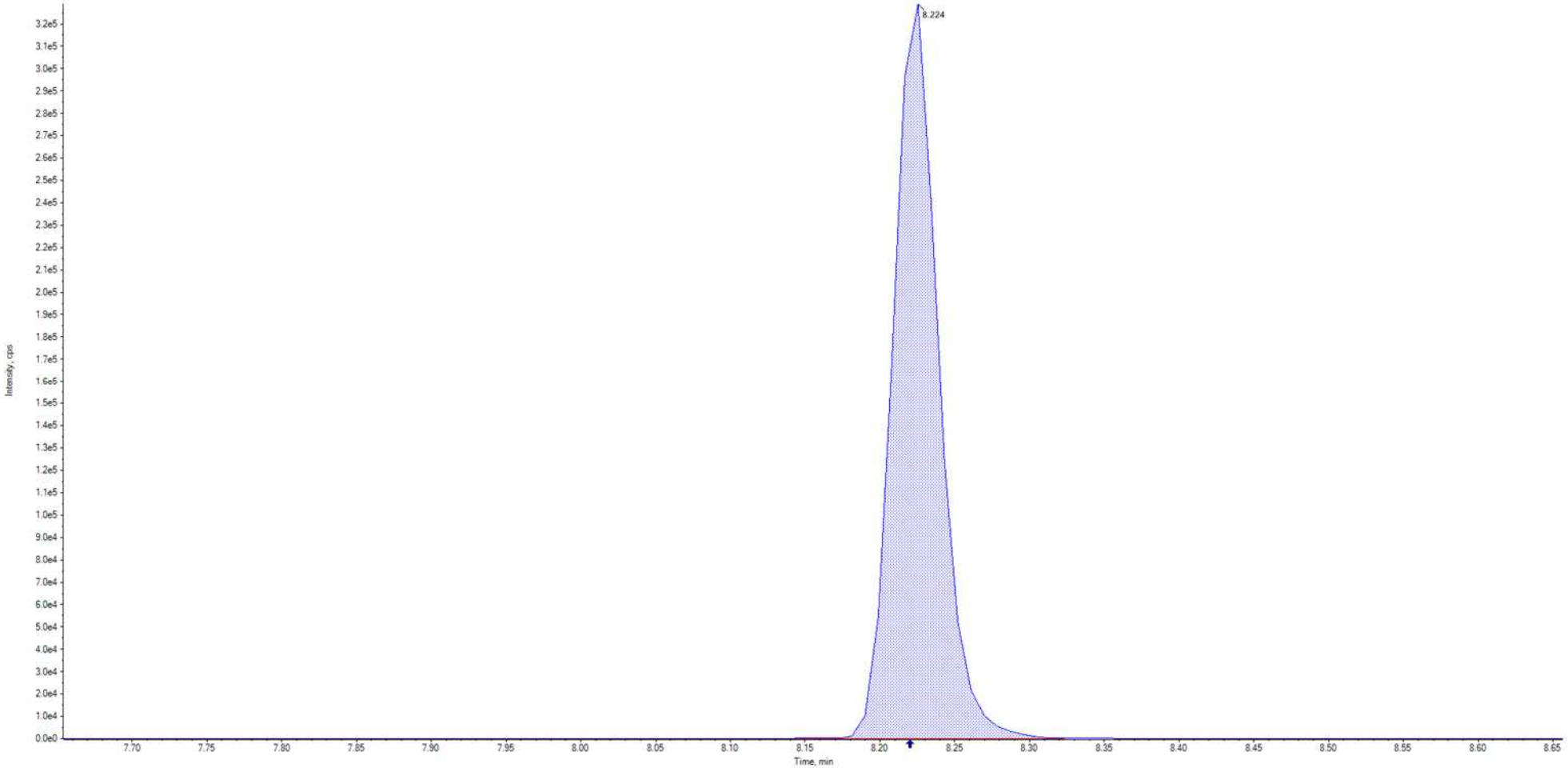
d3-NMeFOSA
Sample: IA1633STD-2.5



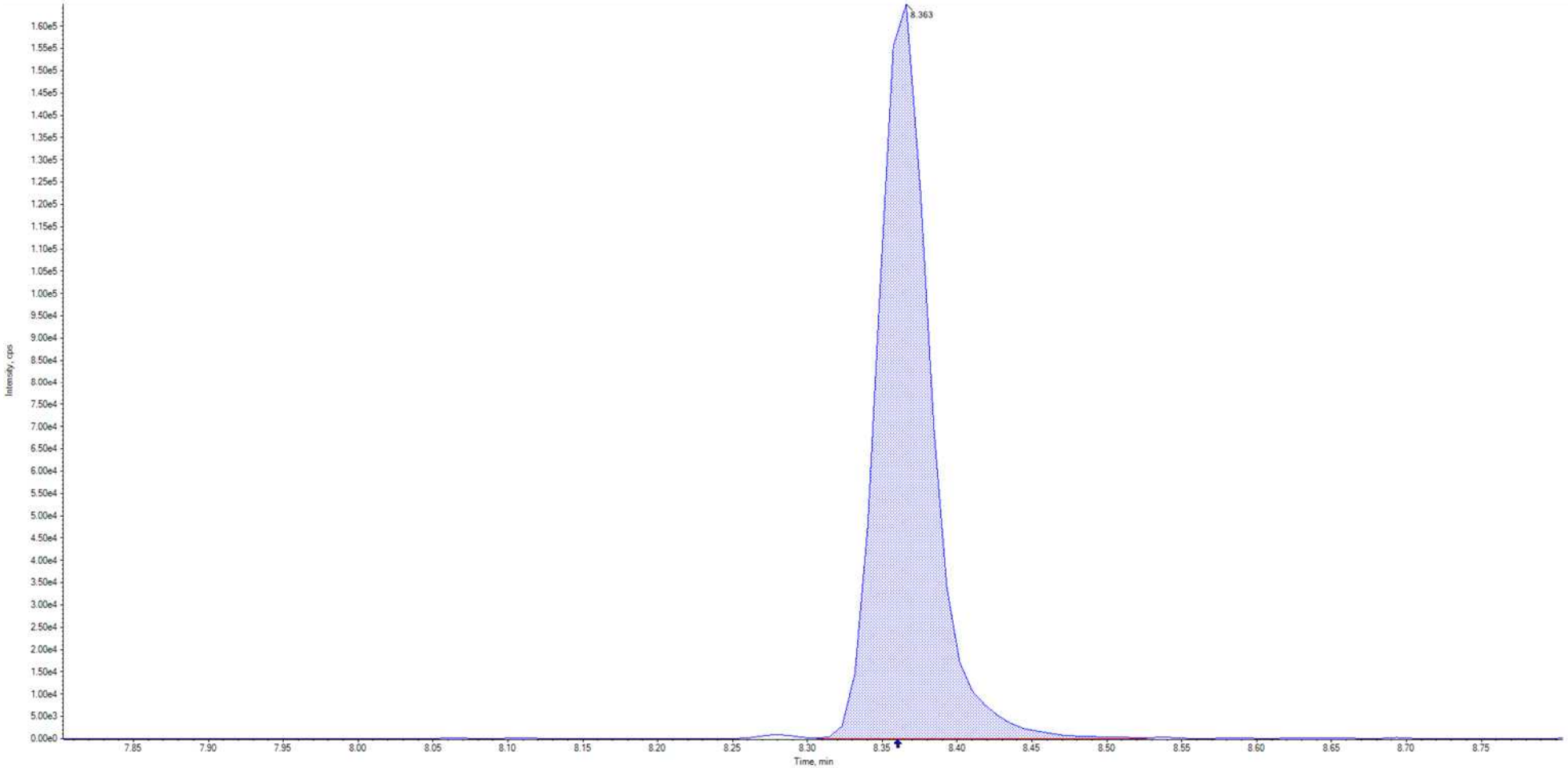
d5-NEtFOSA
Sample: IA1633STD-2.5



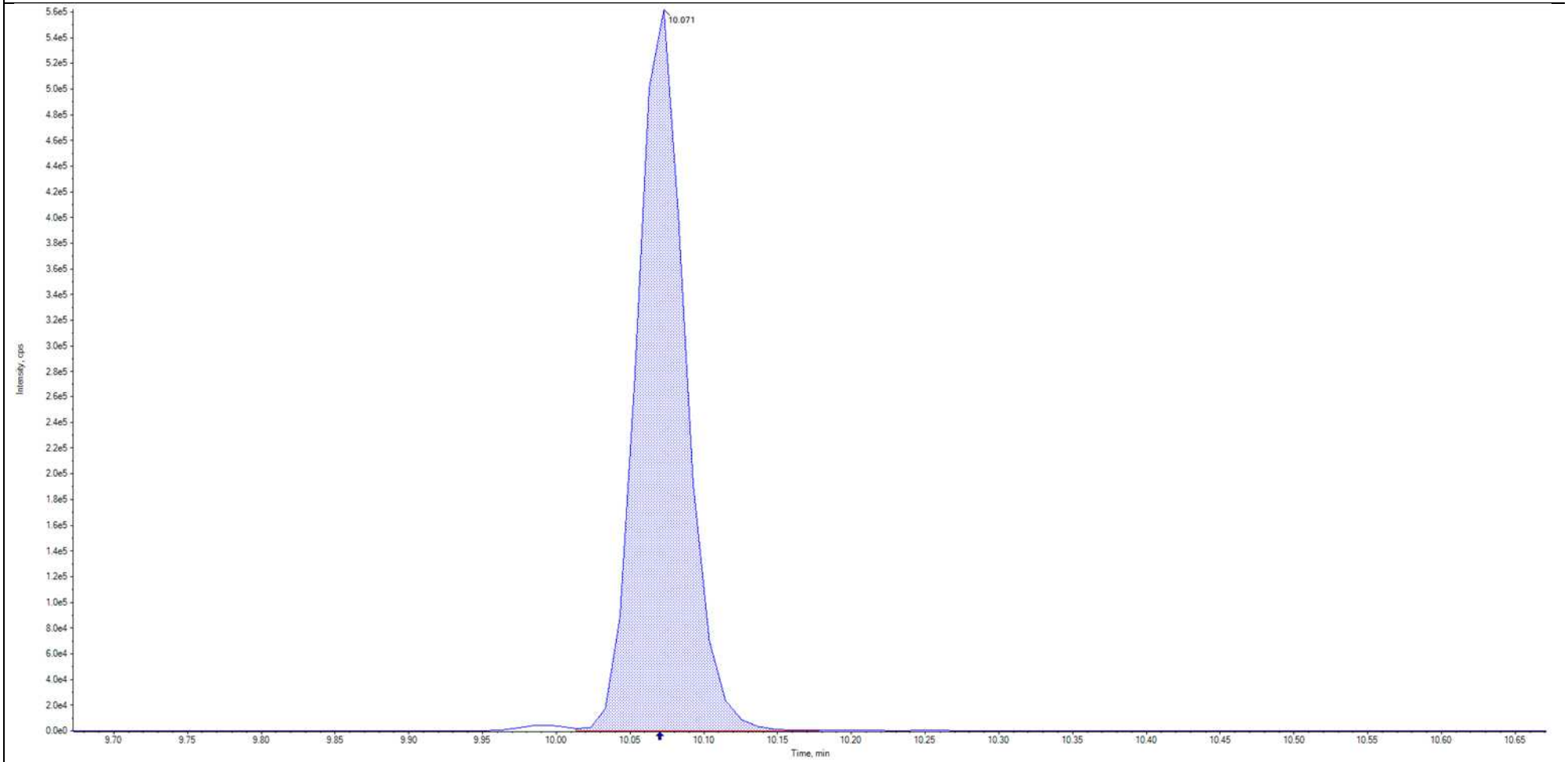
d3-NMeFOSAA
Sample: IA1633STD-2.5



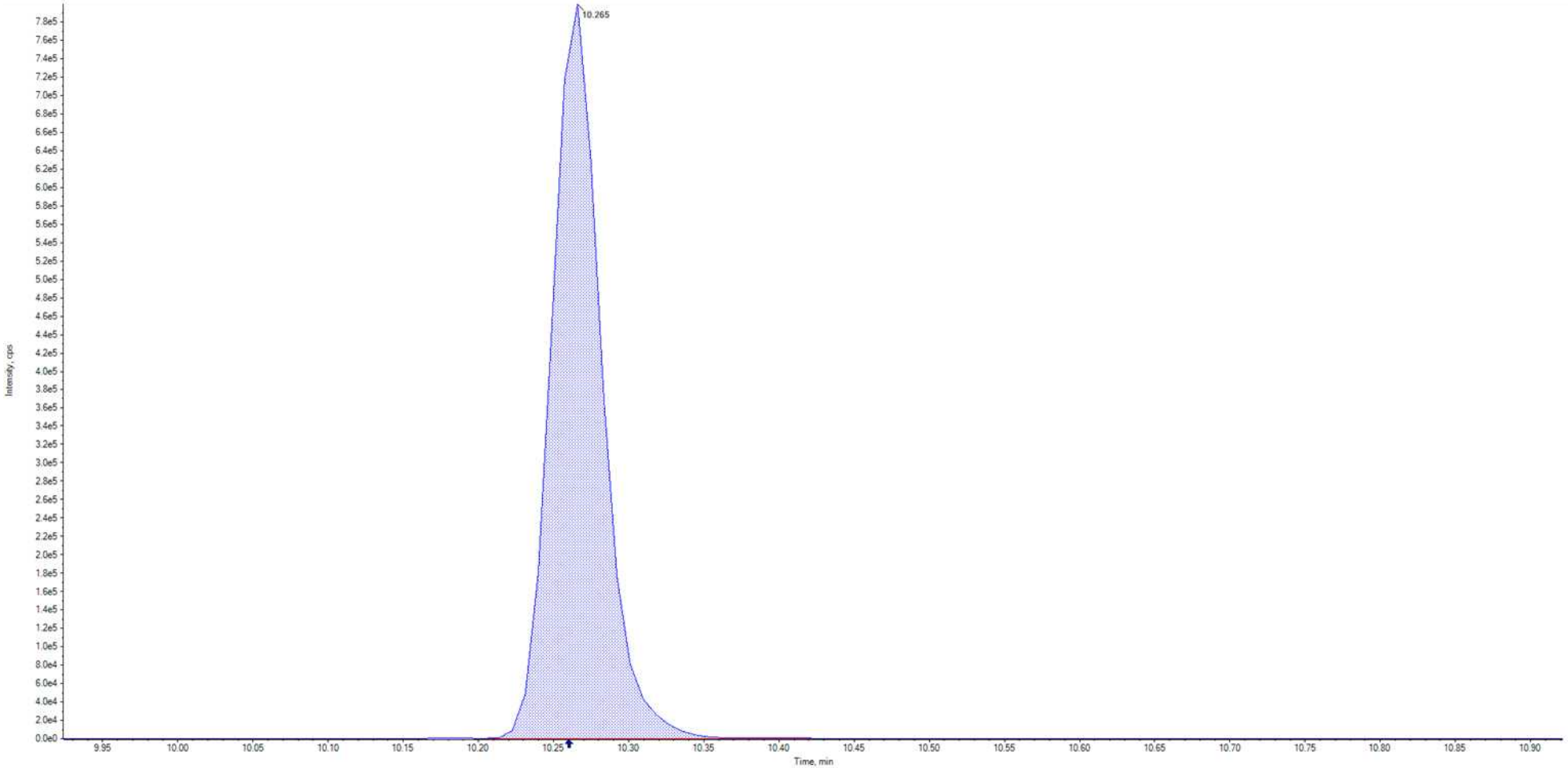
d5-NEtFOSAA
Sample: IA1633STD-2.5



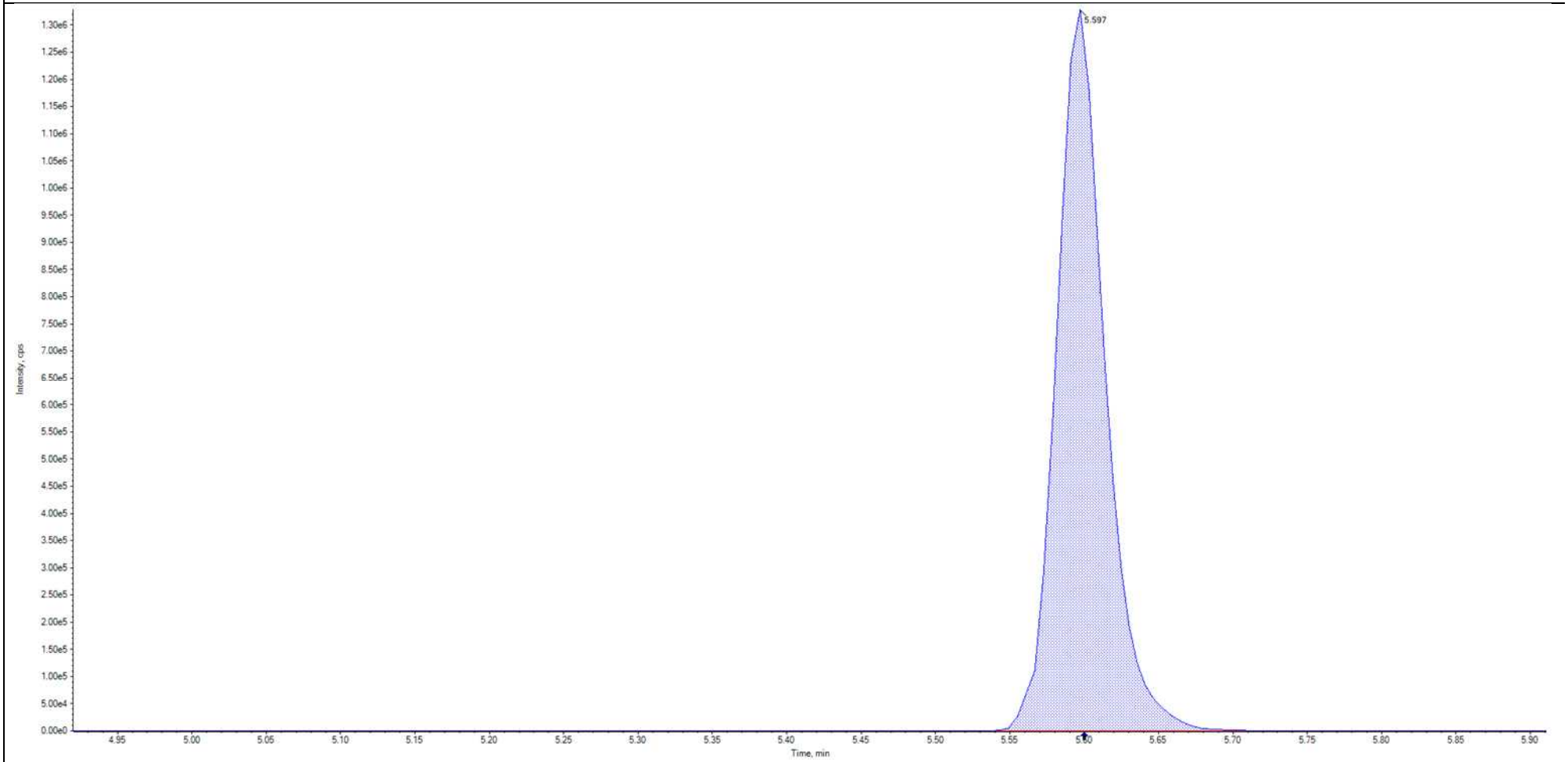
d7-NMeFOSE
Sample: IA1633STD-2.5



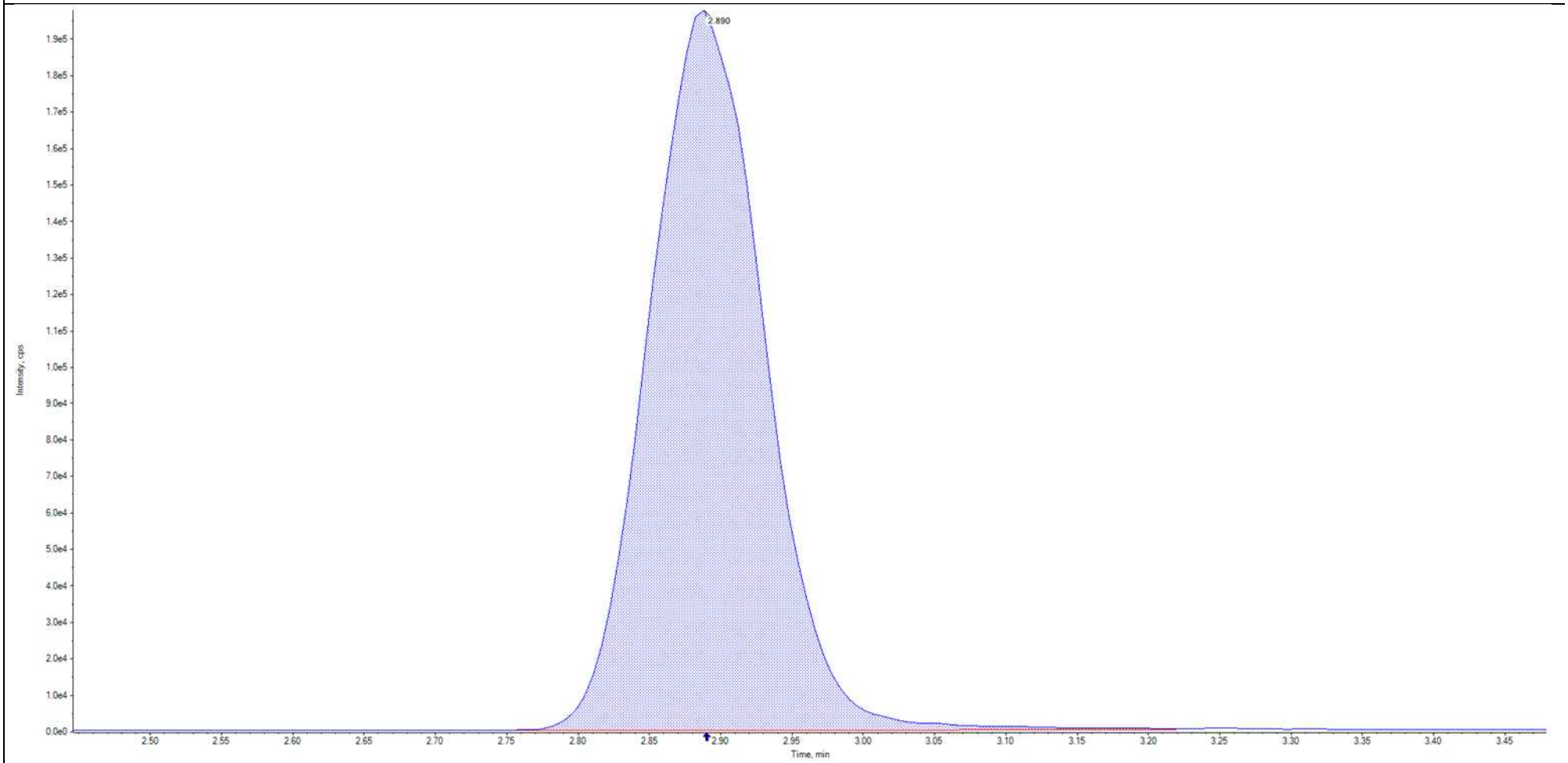
d9-NEtFOSE
Sample: IA1633STD-2.5



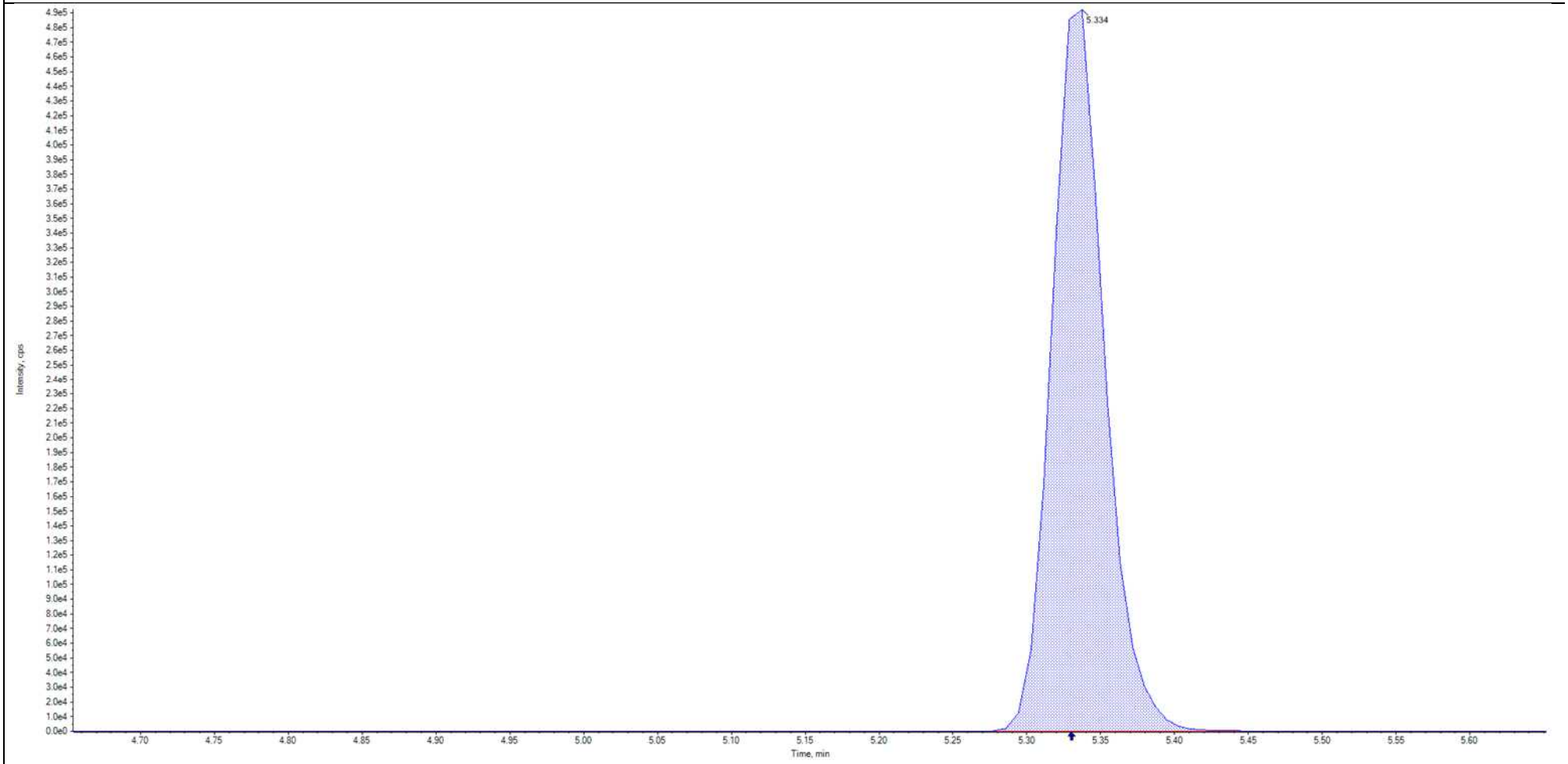
13C3-HFPO-DA
Sample: IA1633STD-2.5



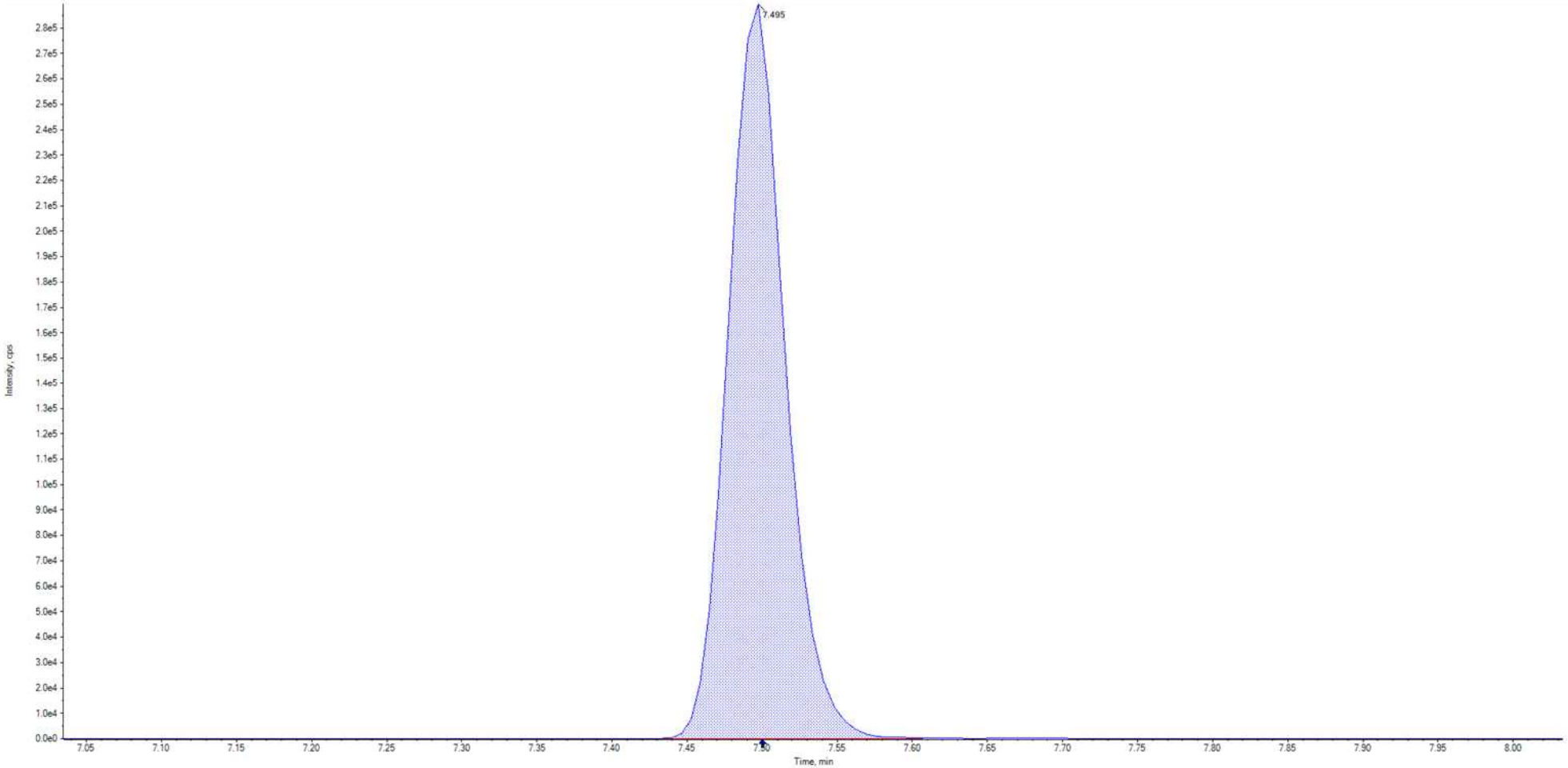
13C3-PFBA
Sample: IA1633STD-2.5



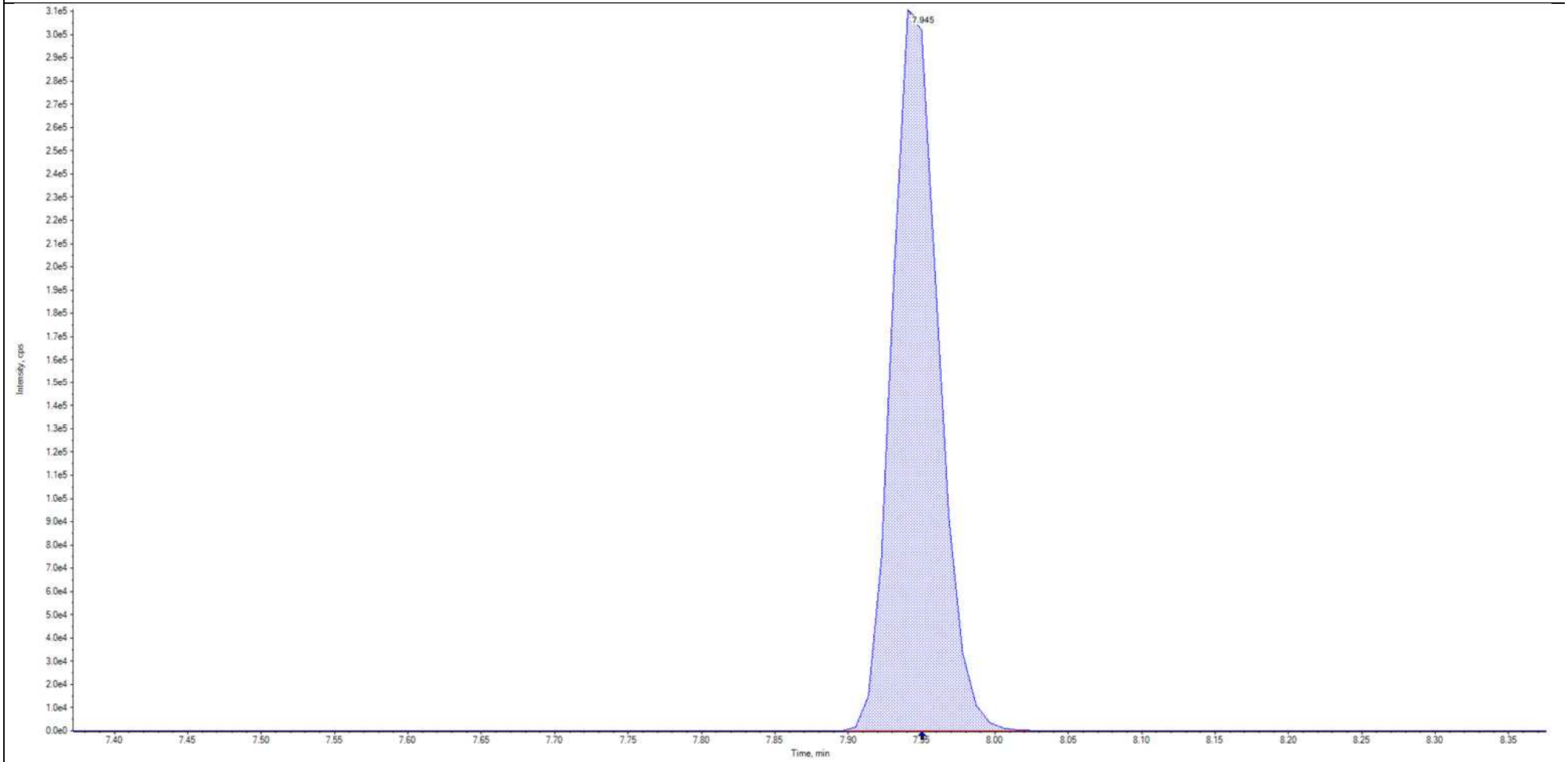
13C2-PFHxA
Sample: IA1633STD-2.5



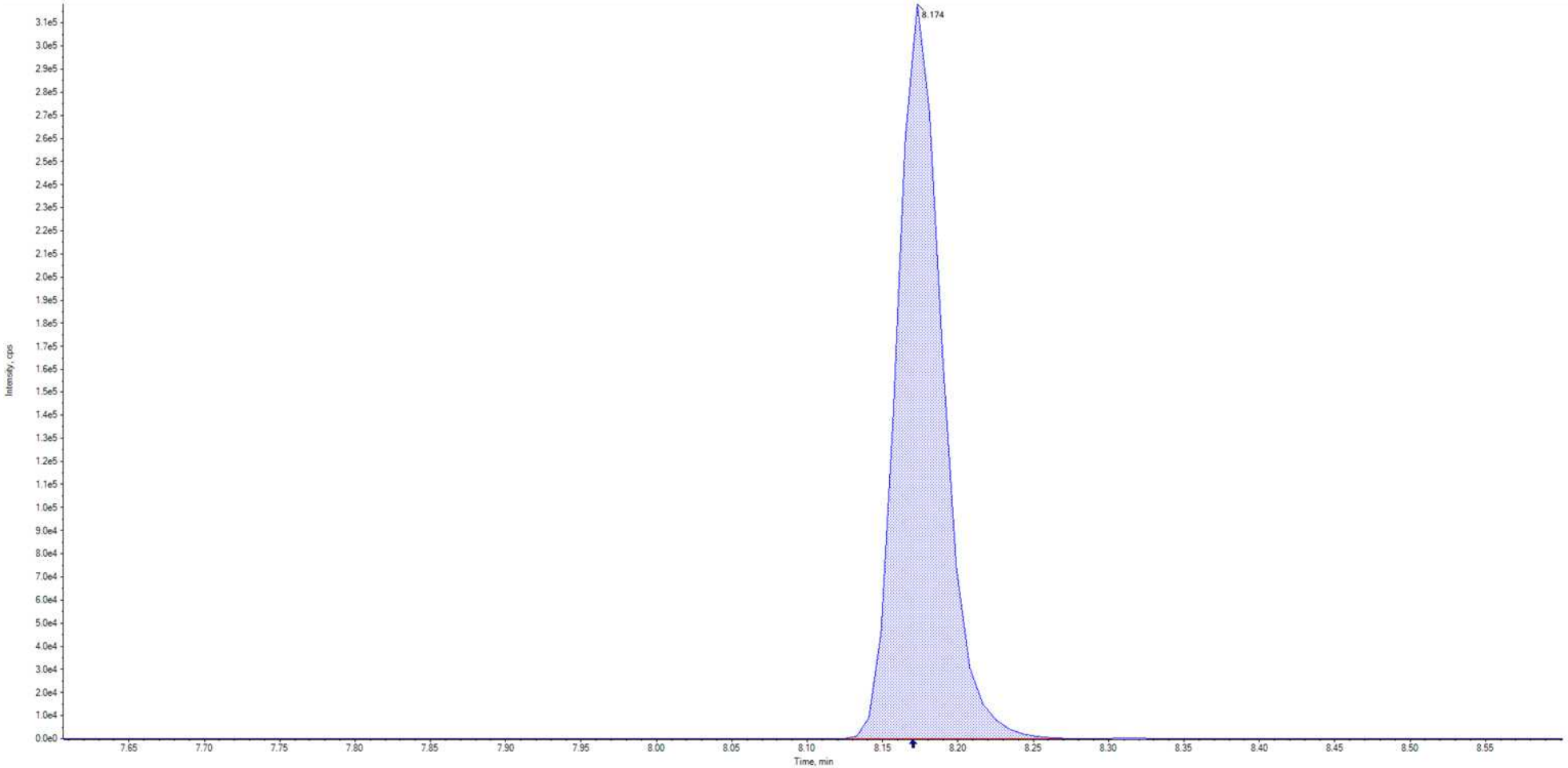
13C4-PFOA
Sample: IA1633STD-2.5



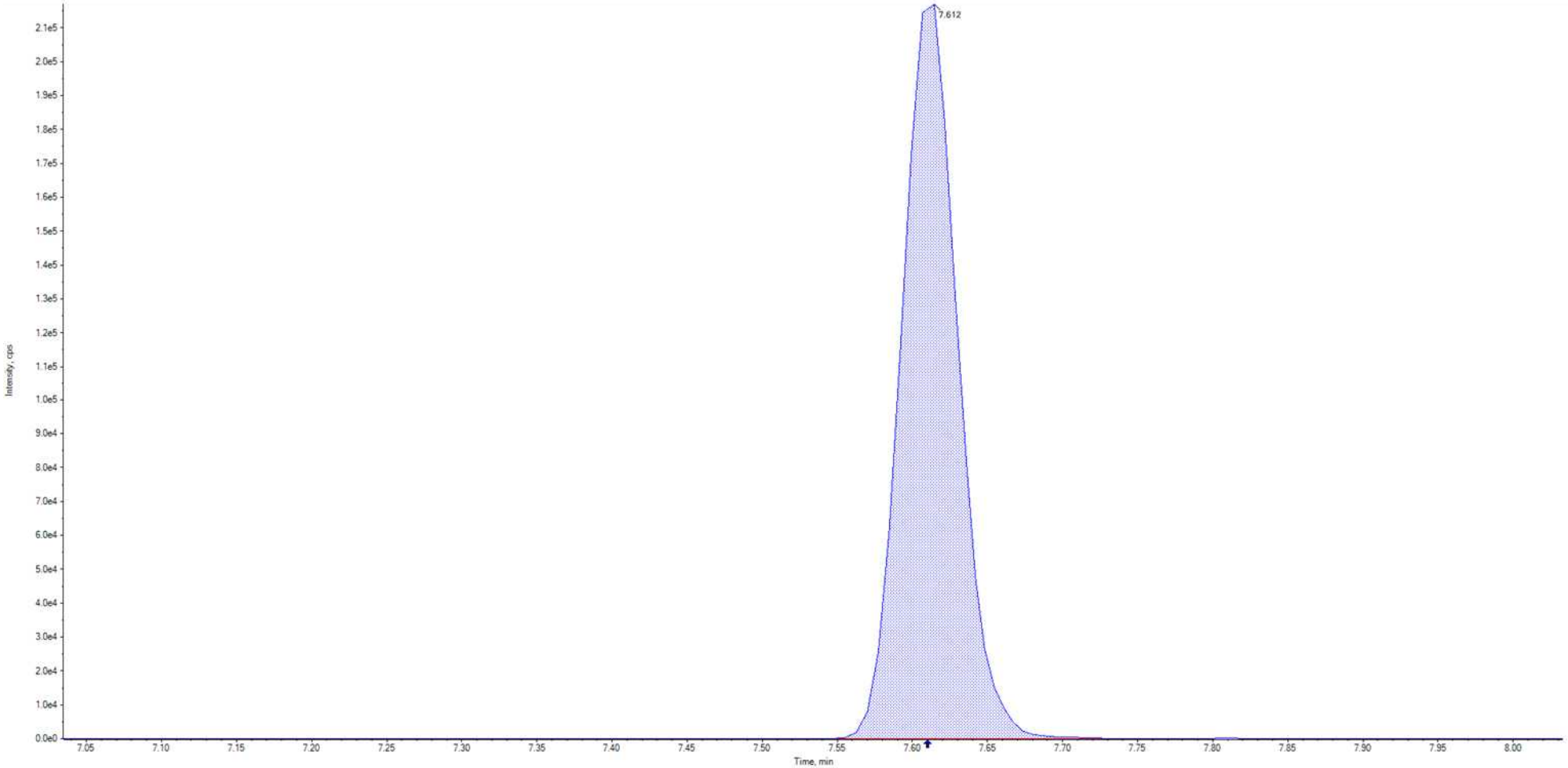
13C5-PFNA
Sample: IA1633STD-2.5



13C2-PFDA
Sample: IA1633STD-2.5

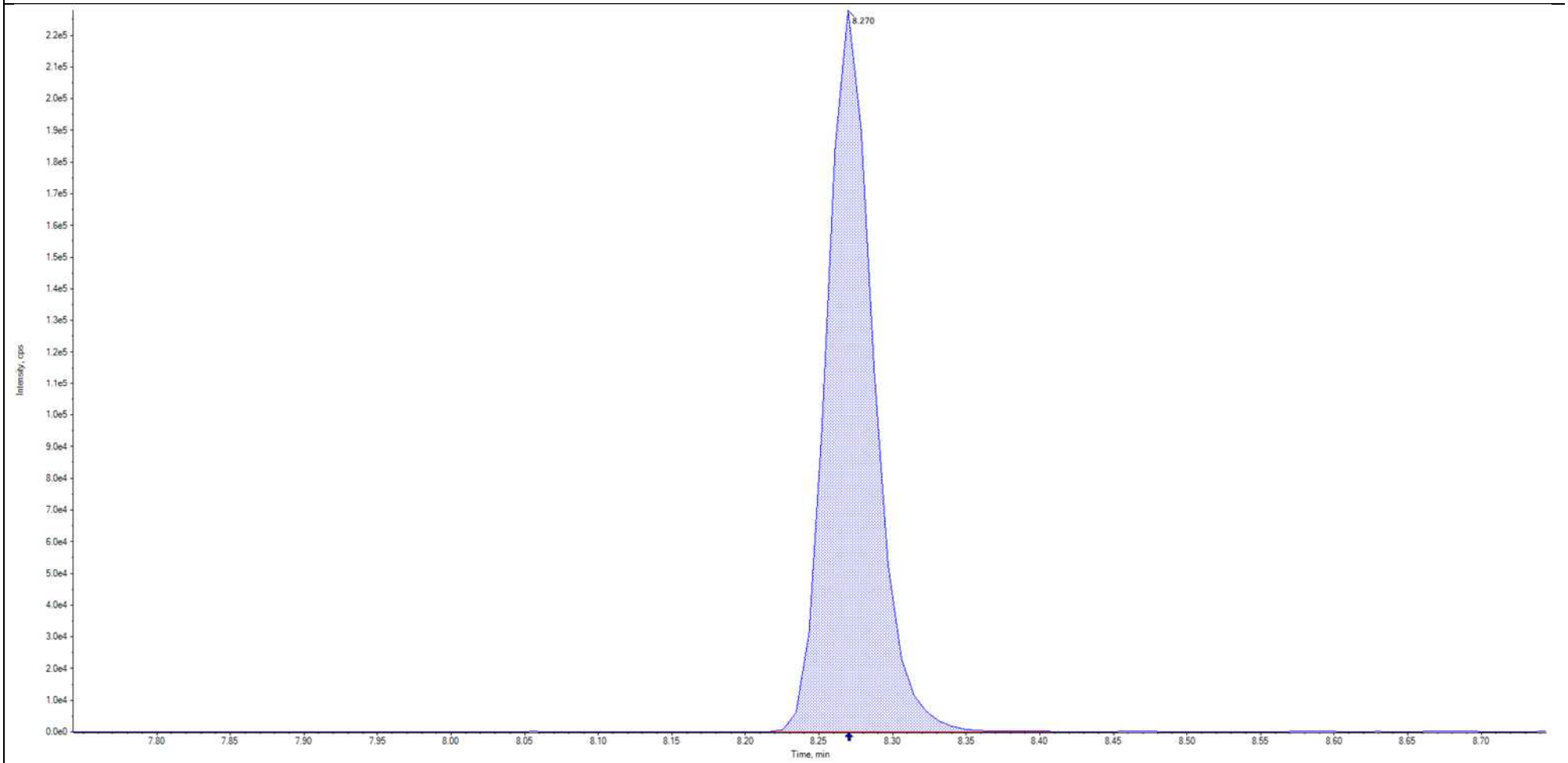


18O2-PFHxS
Sample: IA1633STD-2.5



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Generated: 8/14/2024 6:27:11 AM

13C4-PFOS
Sample: IA1633STD-2.5



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
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Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

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User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.89	213.0 / 169.0	4086434		20.562	N/A	N/A	N/A	102.8
2	PFPeA	2706-90-3	4.64	263.0 / 219.0	2862778		9.744	0.007	0.007	N/A	97.4
3	PFPeA_2	2706-90-3	4.64	263.0 / 68.9	19955		9.619	0.007	0.007	N/A	96.2
4	PFHxA	307-24-4	5.34	313.0 / 269.0	2736579		5.641	0.070	0.072	Pass	112.8
5	PFHxA_2	307-24-4	5.34	313.0 / 119.0	192262		5.364	0.070	0.072	Pass	107.3
6	PFHpA	375-85-9	6.25	363.1 / 319.0	2442453		5.159	0.302	0.297	Pass	103.2
7	PFHpA_2	375-85-9	6.25	363.1 / 169.0	736863		5.087	0.302	0.297	Pass	101.7

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.50	413.1 / 369.1	1457619	M5	4.785	0.569	0.586	Pass	95.7
9	PFOA_2	335-67-1	7.50	413.1 / 169.0	829352	M7	4.969	0.569	0.586	Pass	99.4
10	PFNA	375-95-1	7.95	462.8 / 418.9	2096579	M5	5.020	0.308	0.313	Pass	100.4
11	PFNA_2	375-95-1	7.95	462.8 / 218.9	644944	M7	5.053	0.308	0.313	Pass	101.1
12	PFDA	335-76-2	8.18	513.1 / 469.1	2380952		4.962	0.154	0.142	Pass	99.2
13	PFDA_2	335-76-2	8.18	513.1 / 219.0	365639		5.084	0.154	0.142	Pass	101.7
14	PFUnA	2058-94-8	8.47	563.1 / 519.1	1816864		4.935	0.189	0.194	Pass	98.7
15	PFUnA_2	2058-94-8	8.47	563.1 / 269.0	343192		4.812	0.189	0.194	Pass	96.3
16	PFDoA	307-55-1	8.91	613.1 / 569.1	1927599		5.185	0.171	0.167	Pass	103.7
17	PFDoA_2	307-55-1	8.91	613.1 / 319.0	330159		5.257	0.171	0.167	Pass	105.1
18	PFTrDA	72629-94-8	9.50	663.1 / 619.1	1141052		5.151	0.223	0.228	Pass	103.0
19	PFTrDA_2	72629-94-8	9.50	663.1 / 169.0	254394		5.156	0.223	0.228	Pass	103.1
20	PFTeDA	376-06-7	9.91	713.1 / 669.1	2070325		5.399	0.132	0.137	Pass	108.0
21	PFTeDA_2	376-06-7	9.91	713.1 / 169.0	273850		5.221	0.132	0.137	Pass	104.4
22	PFBS	375-73-5	5.32	299.1 / 80.1	1500220		4.415	0.401	0.396	Pass	99.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.32	299.1 / 99.1	600848		4.435	0.401	0.396	Pass	100.0
24	PFPeS	2706-91-4	6.34	349.1 / 80.1	1312585		5.045	0.304	0.299	Pass	107.2
25	PFPeS_2	2706-91-4	6.34	349.1 / 99.1	398592		5.079	0.304	0.299	Pass	108.0
26	PFHxS	355-46-4	7.62	399.1 / 80.1	1147248	M5	4.712	0.302	0.315	Pass	103.1
27	PFHxS_2	355-46-4	7.61	399.1 / 99.1	346723	M7	4.585	0.302	0.315	Pass	100.3
28	PFHpS	375-92-8	8.02	449.1 / 80.1	1320608		5.126	0.275	0.287	Pass	107.6
29	PFHpS_2	375-92-8	8.02	449.1 / 99.1	363124		4.809	0.275	0.287	Pass	100.9
30	PFOS	1763-23-1	8.27	499.1 / 80.1	1290080	M5	4.703	0.236	0.238	Pass	101.4
31	PFOS_2	1763-23-1	8.27	499.1 / 99.1	303835		4.521	0.236	0.238	Pass	97.4
32	PFNS	68259-12-1	8.63	549.1 / 80.1	887318		5.039	0.302	0.301	Pass	104.8
33	PFNS_2	68259-12-1	8.63	549.1 / 99.1	268114		5.027	0.302	0.301	Pass	104.5
34	PFDS	335-77-3	9.15	599.1 / 80.1	862876		4.974	0.277	0.275	Pass	103.1
35	PFDS_2	335-77-3	9.15	599.1 / 99.1	238813		4.994	0.277	0.275	Pass	103.5
36	PFDoS	79780-39-5	10.00	699.2 / 80.1	781329		4.917	0.286	0.274	Pass	101.4
37	PFDoS_2	79780-39-5	10.00	699.2 / 99.1	223643		5.123	0.286	0.274	Pass	105.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.14	327.1 / 307.1	2150596		18.418	0.509	0.516	Pass	98.2
39	4:2FTS_2	757124-72-4	5.14	327.1 / 81.1	1095189		17.532	0.509	0.516	Pass	93.5
40	6:2FTS	27619-97-2	7.09	427.2 / 407.2	1415815		19.813	0.537	0.565	Pass	104.3
41	6:2FTS_2	27619-97-2	7.09	427.2 / 81.1	759626		19.654	0.537	0.565	Pass	103.4
42	8:2FTS	39108-34-4	8.07	527.2 / 507.2	1682010		20.590	0.640	0.662	Pass	107.2
43	8:2FTS_2	39108-34-4	8.07	527.2 / 81.1	1076586		19.430	0.640	0.662	Pass	101.2
44	PFOSA	754-91-6	9.55	498.1 / 78.1	1244740	M5	4.960	0.025	0.025	Pass	99.2
45	PFOSA_2	754-91-6	9.54	498.1 / 478.0	31069	M7	4.719	0.025	0.025	Pass	94.4
46	NMeFOSA	31506-32-8	10.17	512.2 / 219.0	337828	M5	5.149	1.517	1.551	Pass	103.0
47	NMeFOSA_2	31506-32-8	10.13	512.2 / 169.0	512474	M7	5.040	1.517	1.551	Pass	100.8
48	NEtFOSA	4151-50-2	10.38	526.2 / 219.0	342011	M5	5.144	1.289	1.285	Pass	102.9
49	NEtFOSA_2	4151-50-2	10.34	526.2 / 169.0	440762	M7	4.952	1.289	1.285	Pass	99.0
50	NMeFOSAA	2355-31-9	8.23	570.2 / 419.1	460043		5.042	0.617	0.700	Pass	100.9
51	NMeFOSAA_2	2355-31-9	8.23	570.2 / 483.0	283762	M7	4.891	0.617	0.700	Pass	97.8
52	NEtFOSAA	2991-50-6	8.37	584.2 / 419.1	356003		4.951	0.482	0.487	Pass	99.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.37	584.2 / 526.2	171457	M7	5.181	0.482	0.487	Pass	103.6
54	NMeFOSE	24448-09-7	10.08	616.1 / 58.9	6081925	M5	51.188	N/A	N/A	N/A	102.4
55	NEtFOSE	1691-99-2	10.28	630.0 / 58.9	10881697	M5	51.623	N/A	N/A	N/A	103.3
56	HFPO-DA	13252-13-6	5.60	285.0 / 169.0	5113517		20.468	0.465	0.464	Pass	102.3
57	HFPO-DA_2	13252-13-6	5.60	285.0 / 184.9	2377549		20.465	0.465	0.464	Pass	102.3
58	ADONA	919005-14-4	6.72	377.1 / 251.0	11102447		19.540	0.640	0.634	Pass	103.4
59	ADONA_2	919005-14-4	6.72	377.1 / 84.8	7106688		19.331	0.640	0.634	Pass	102.3
60	9Cl-PF3ONS	756426-58-1	8.50	530.8 / 351.1	11512976		20.550	0.312	0.322	Pass	109.9
61	9Cl-PF3ONS_2	756426-58-1	8.50	532.8 / 353.0	3591579		19.686	0.312	0.322	Pass	105.3
62	11Cl-PF3OUdS	763051-92-9	9.57	630.9 / 451.0	7082207		20.013	0.341	0.331	Pass	105.9
63	11Cl-PF3OUdS_2	763051-92-9	9.57	632.9 / 452.9	2417522		20.299	0.341	0.331	Pass	107.4
64	3:3FTCA	356-02-5	4.91	241.1 / 177.1	659551		25.880	0.962	1.074	Pass	103.5
65	3:3FTCA_2	356-02-5	4.91	241.1 / 117.0	634682		24.866	0.962	1.074	Pass	99.5
66	5:3FTCA	914637-49-3	7.16	341.1 / 237.1	11672941		132.650	0.952	0.953	Pass	106.1
67	5:3FTCA_2	914637-49-3	7.16	341.1 / 217.0	11114916		133.486	0.952	0.953	Pass	106.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.21	441.1 / 316.9	12166666		124.195	1.435	1.558	Pass	99.4
69	7:3FTCA_2	812-70-4	8.21	441.1 / 337.1	17464827		122.854	1.435	1.558	Pass	98.3
70	PFEESA	113507-82-7	5.71	315.1 / 135.0	7928840		9.421	0.086	0.087	Pass	105.9
71	PFEESA_2	113507-82-7	5.71	315.1 / 82.9	680741		9.363	0.086	0.087	Pass	105.2
72	PFMPA	377-73-1	3.85	229.0 / 85.0	351979		9.897	N/A	N/A	N/A	99.0
73	PFMBA	863090-89-5	4.88	279.0 / 85.0	4778782		9.966	N/A	N/A	N/A	99.7
74	NFDHA	151772-58-6	5.26	295.0 / 201.0	880207		9.935	0.971	0.910	Pass	99.4
75	NFDHA_2	151772-58-6	5.26	295.0 / 84.9	854503		10.521	0.971	0.910	Pass	105.2
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.13	333.2 / 312.1	919882		5.014	N/A	N/A	N/A	100.3
79	13C2-PFOA	Surr	7.50	415.0 / 370.0	3324516		2.545	N/A	N/A	N/A	101.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2450640		9.648	NA	NA	NA	96.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1593343		4.949	NA	NA	NA	99.0
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	995289		2.353	NA	NA	NA	94.1
	13C4-PFHpA	EIS	6.24	367.0 / 322.0	1010573		2.387	NA	NA	NA	95.5
	13C8-PFOA	EIS	7.50	421.0 / 376.0	1463773		2.482	NA	NA	NA	99.3
	13C9-PFNA	EIS	7.94	472.0 / 427.0	713171		1.268	NA	NA	NA	101.5
	13C6-PFDA	EIS	8.17	519.0 / 474.0	696053		1.234	NA	NA	NA	98.7
	13C7-PFUnA	EIS	8.46	570.0 / 525.0	582368		1.276	NA	NA	NA	102.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.90	615.1 / 570.0	357349		1.203	NA	NA	NA	96.3
	13C2-PFTeDA	EIS	9.90	715.1 / 670.1	382542		1.187	NA	NA	NA	94.9
	13C3-PFBS	EIS	5.31	302.1 / 80.1	809878		2.369	NA	NA	NA	101.7
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	610021		2.247	NA	NA	NA	94.8
	13C8-PFOS	EIS	8.27	507.1 / 80.1	667787		2.272	NA	NA	NA	94.8
	13C2-4:2FTS	EIS	5.13	329.1 / 81.1	279445		4.580	NA	NA	NA	97.7
	13C2-6:2FTS	EIS	7.09	429.2 / 81.1	207125		4.633	NA	NA	NA	97.4
	13C2-8:2FTS	EIS	8.07	529.2 / 81.1	309366		4.728	NA	NA	NA	98.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	938666		2.402	NA	NA	NA	96.1
	d3-NMeFOSA	EIS	10.16	515.2 / 219.0	153186		2.328	NA	NA	NA	93.1
	d5-NEtFOSA	EIS	10.37	531.2 / 219.0	151356		2.355	NA	NA	NA	94.2
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	693269		4.661	NA	NA	NA	93.2
	d5-NEtFOSAA	EIS	8.36	589.3 / 419.1	385664		4.934	NA	NA	NA	98.7
	d7-NMeFOSE	EIS	10.07	623.2 / 58.9	1204068		23.699	NA	NA	NA	94.8
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1795666		23.972	NA	NA	NA	95.9

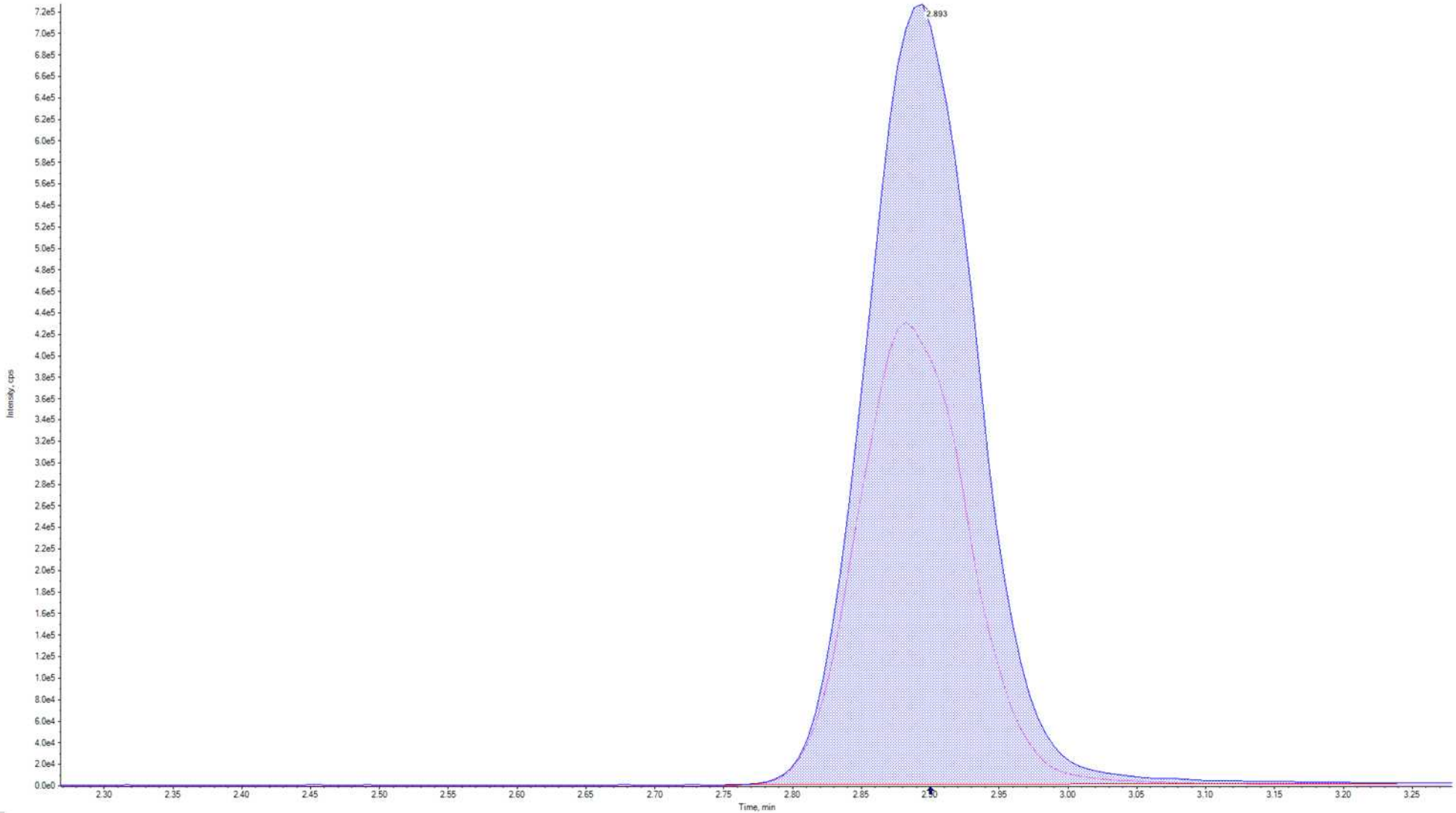
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.60	287.0 / 169.0	2725359		9.724	NA	NA	NA	97.2
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1111153		5.197	NA	NA	NA	103.9
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1255642		2.564	NA	NA	NA	102.6
	13C4-PFOA	NIS	7.49	417.0 / 372.0	771592		2.465	NA	NA	NA	98.6
	13C5-PFNA	NIS	7.94	468.0 / 423.0	685134		1.251	NA	NA	NA	100.1
	13C2-PFDA	NIS	8.17	515.1 / 470.1	662819		1.294	NA	NA	NA	103.5
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	551890		2.356	NA	NA	NA	99.4
	13C4-PFOS	NIS	8.27	503.1 / 80.1	520008		2.470	NA	NA	NA	103.1

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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

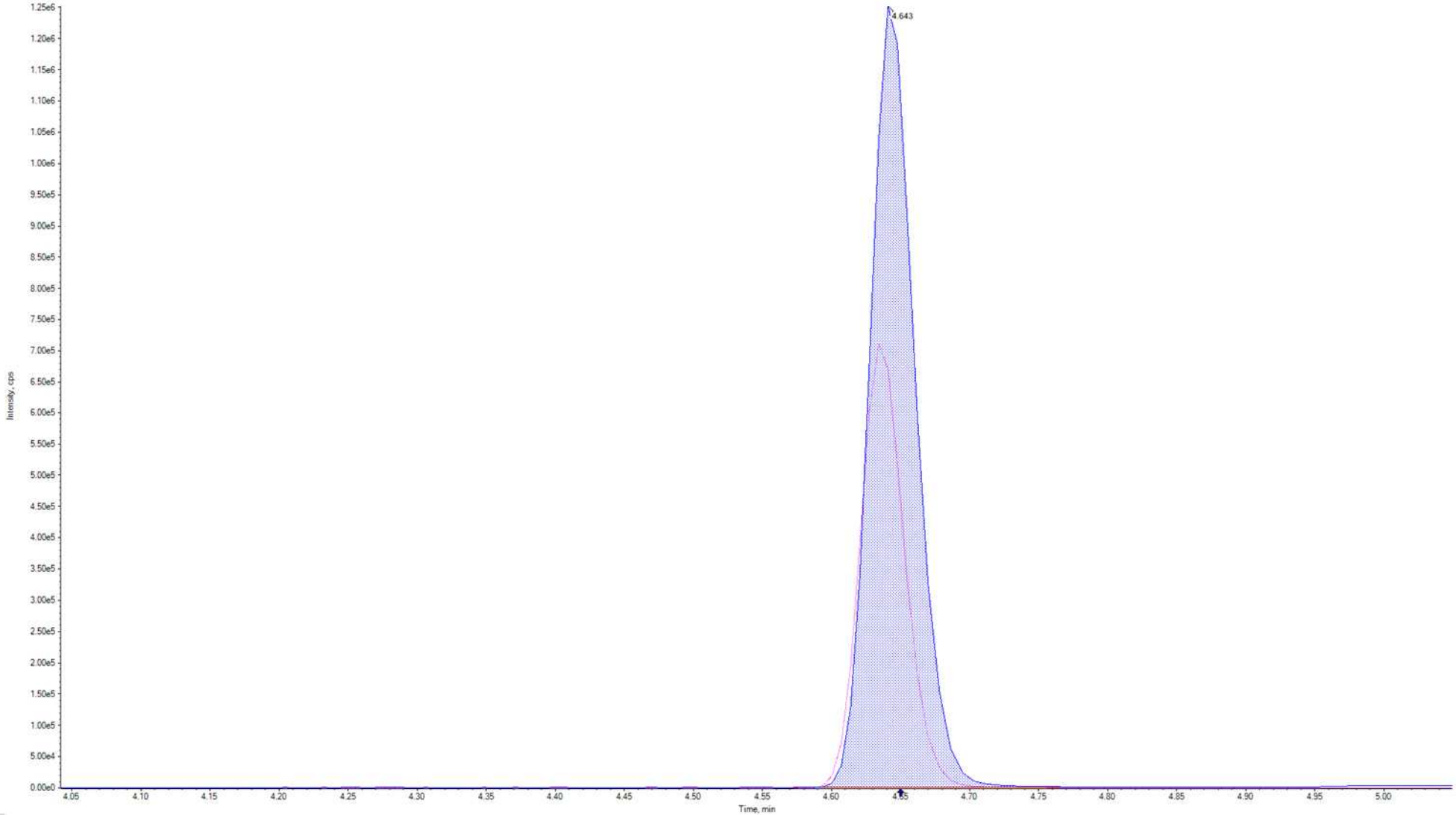
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PFBA
Sample: IA1633STD-5 S/N:2618.4 Points Across peak:81



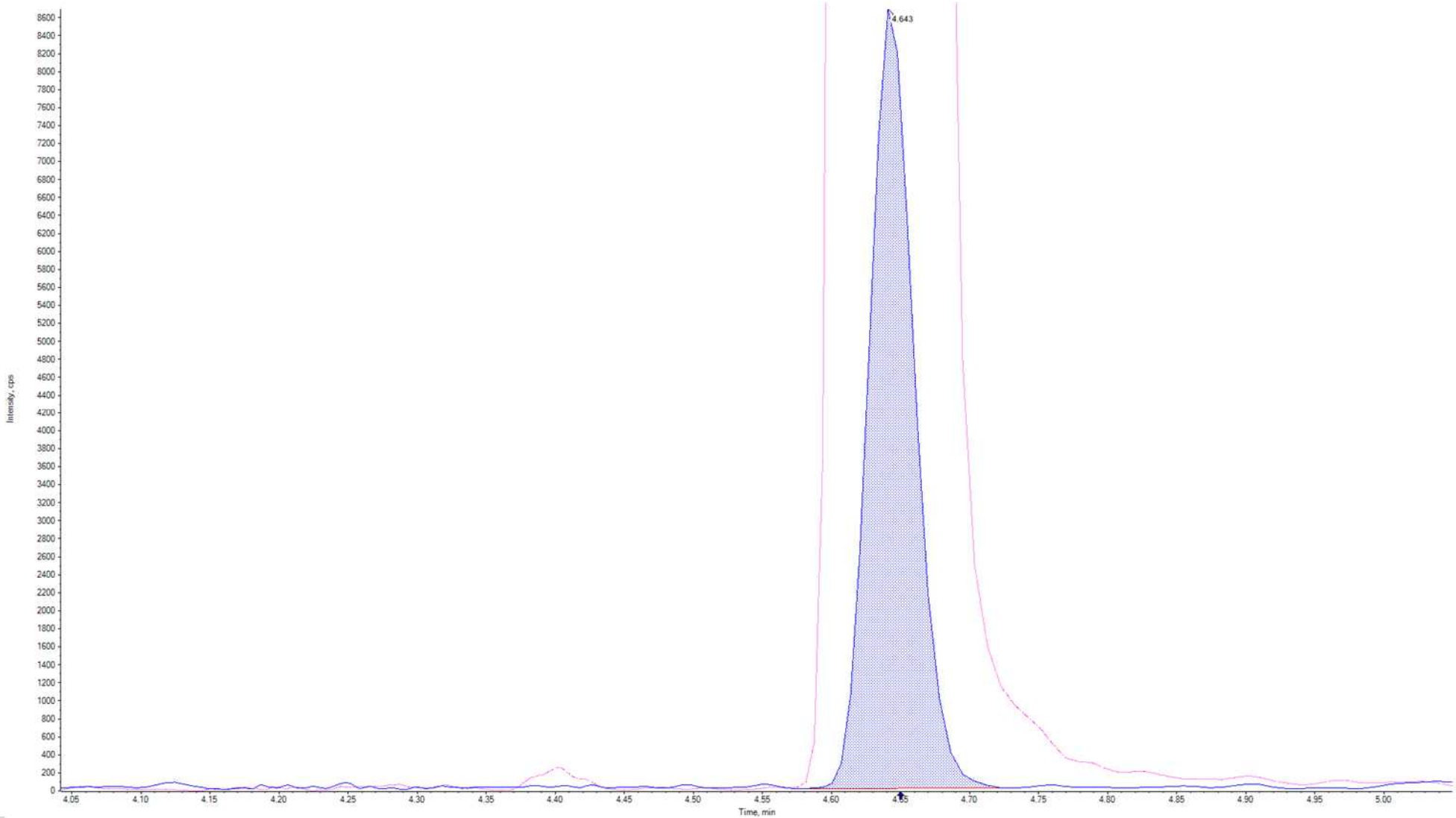
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PFPeA
Sample: IA1633STD-5 S/N:4666.0 Points Across peak:29



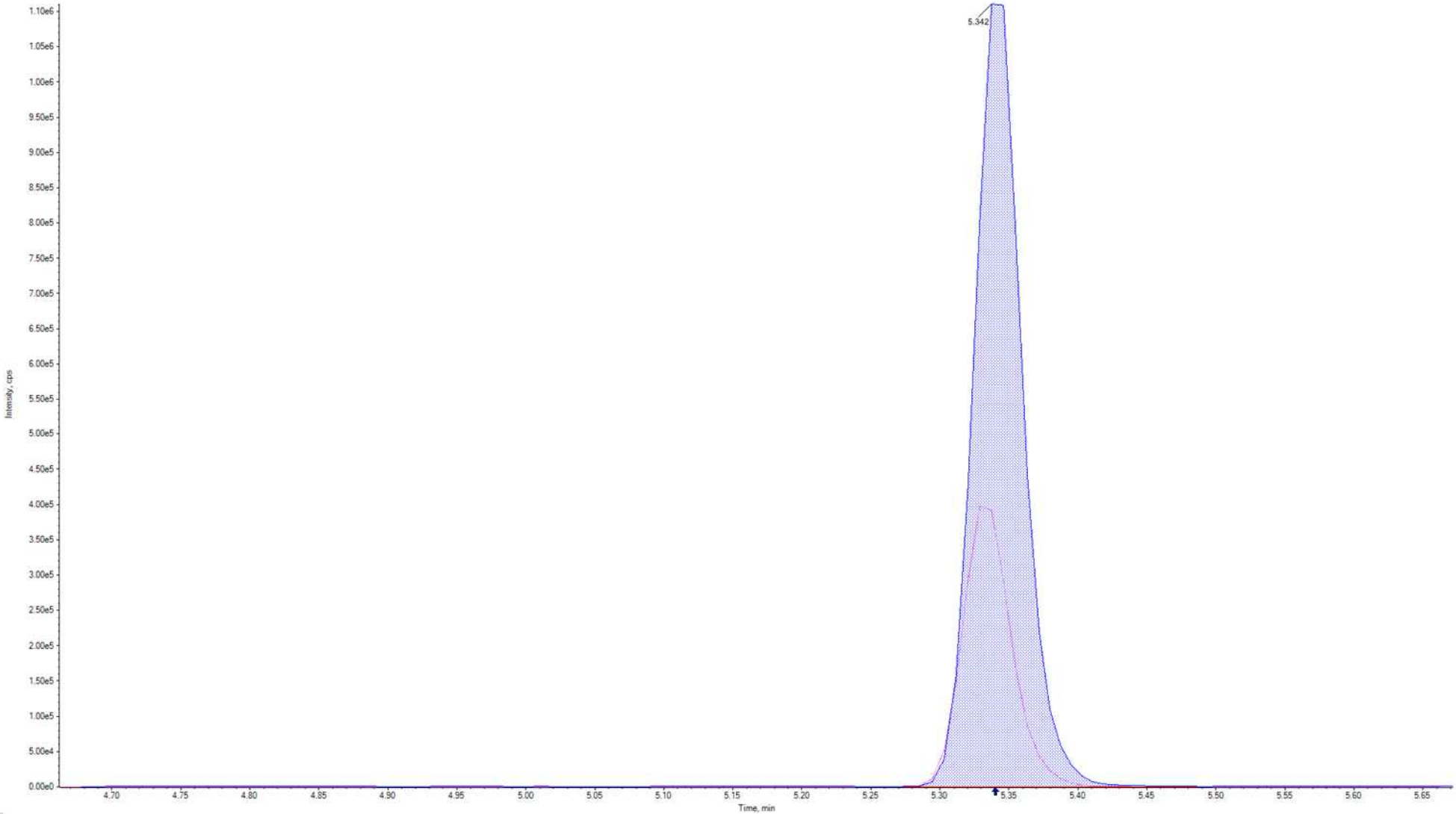
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeA_2
Sample: IA1633STD-5 S/N:988.8 Points Across peak:21



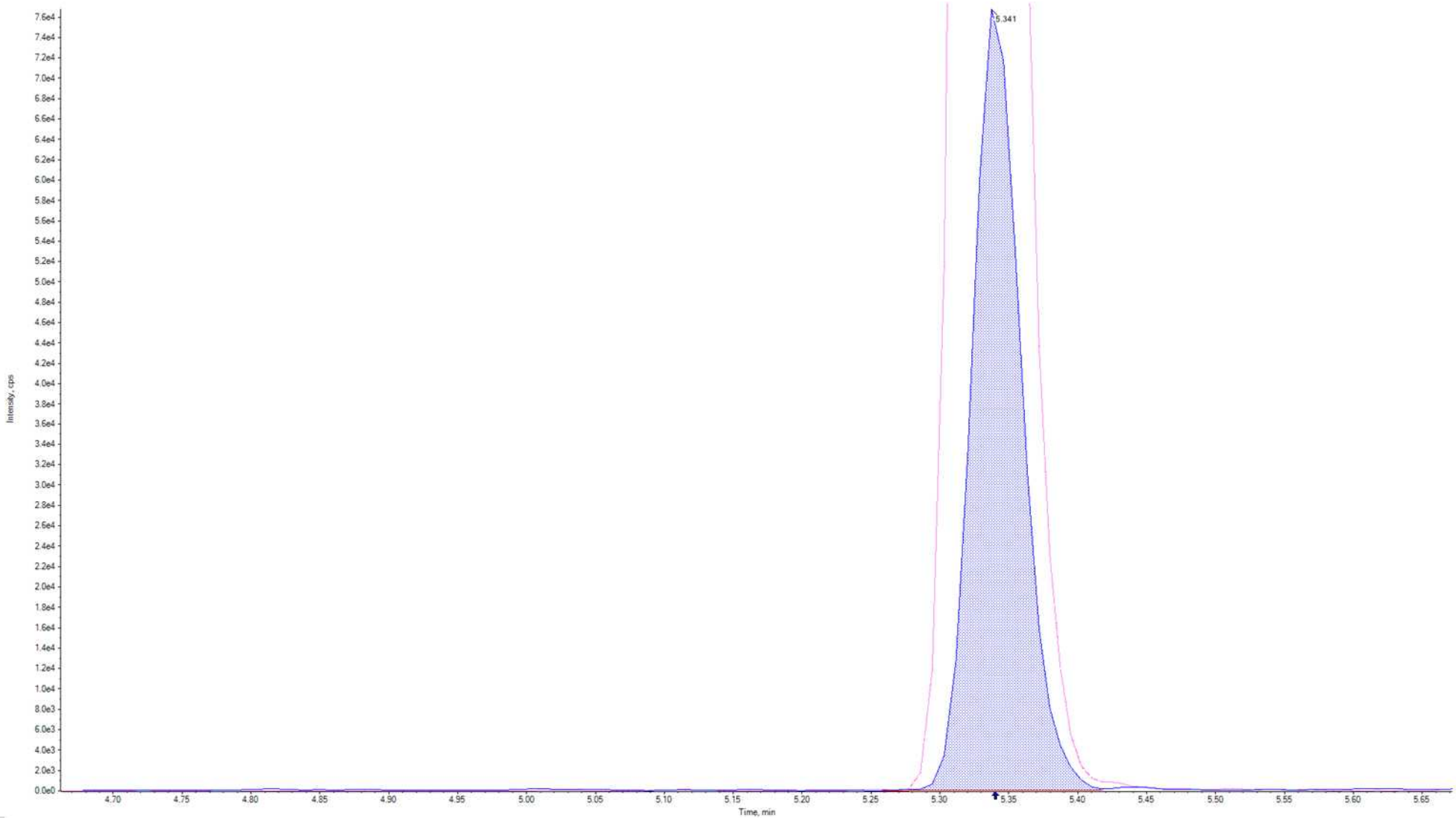
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxA
Sample: IA1633STD-5 S/N:2013.3 Points Across peak:31



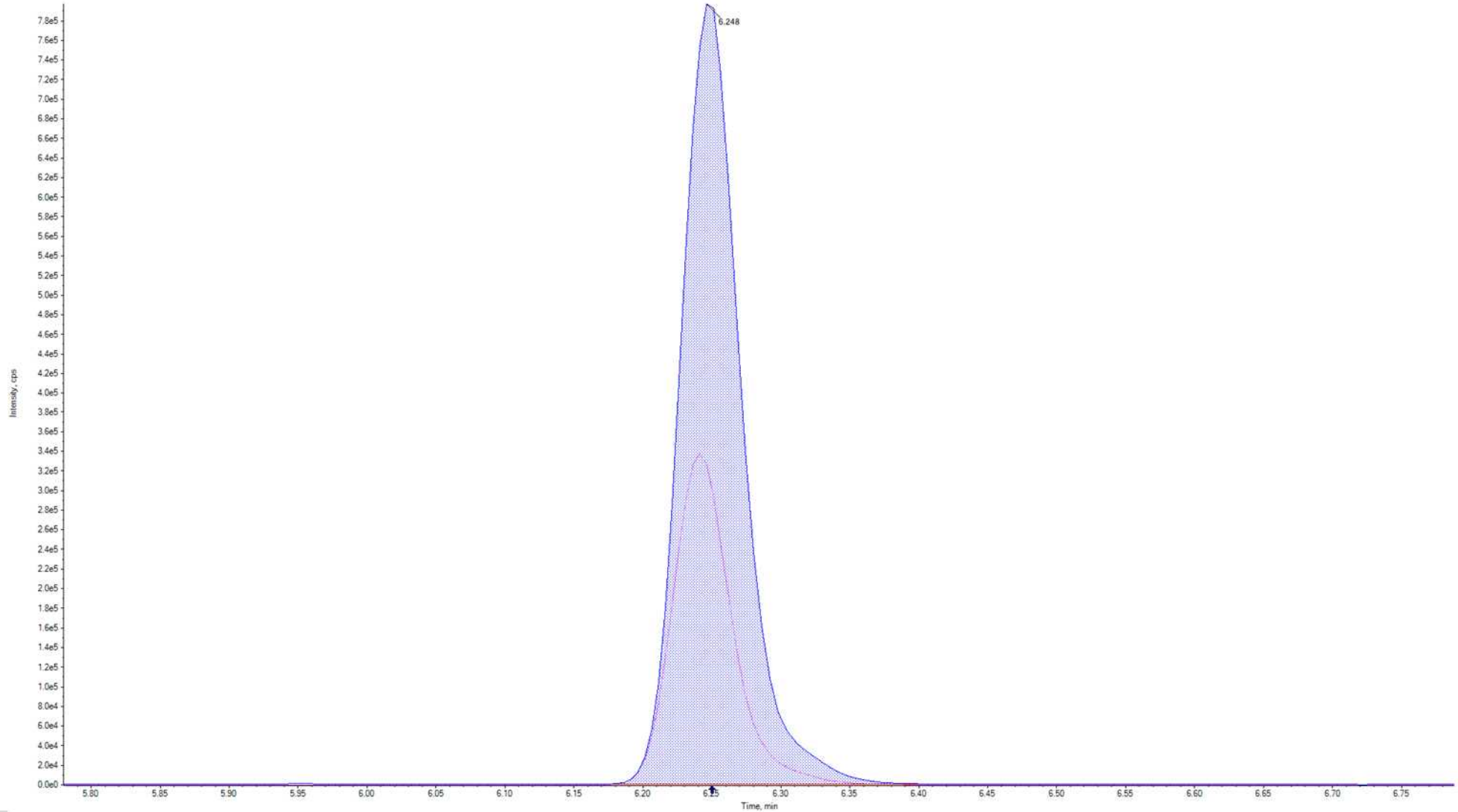
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxA_2
Sample: IA1633STD-5 S/N:1766.0 Points Across peak:21



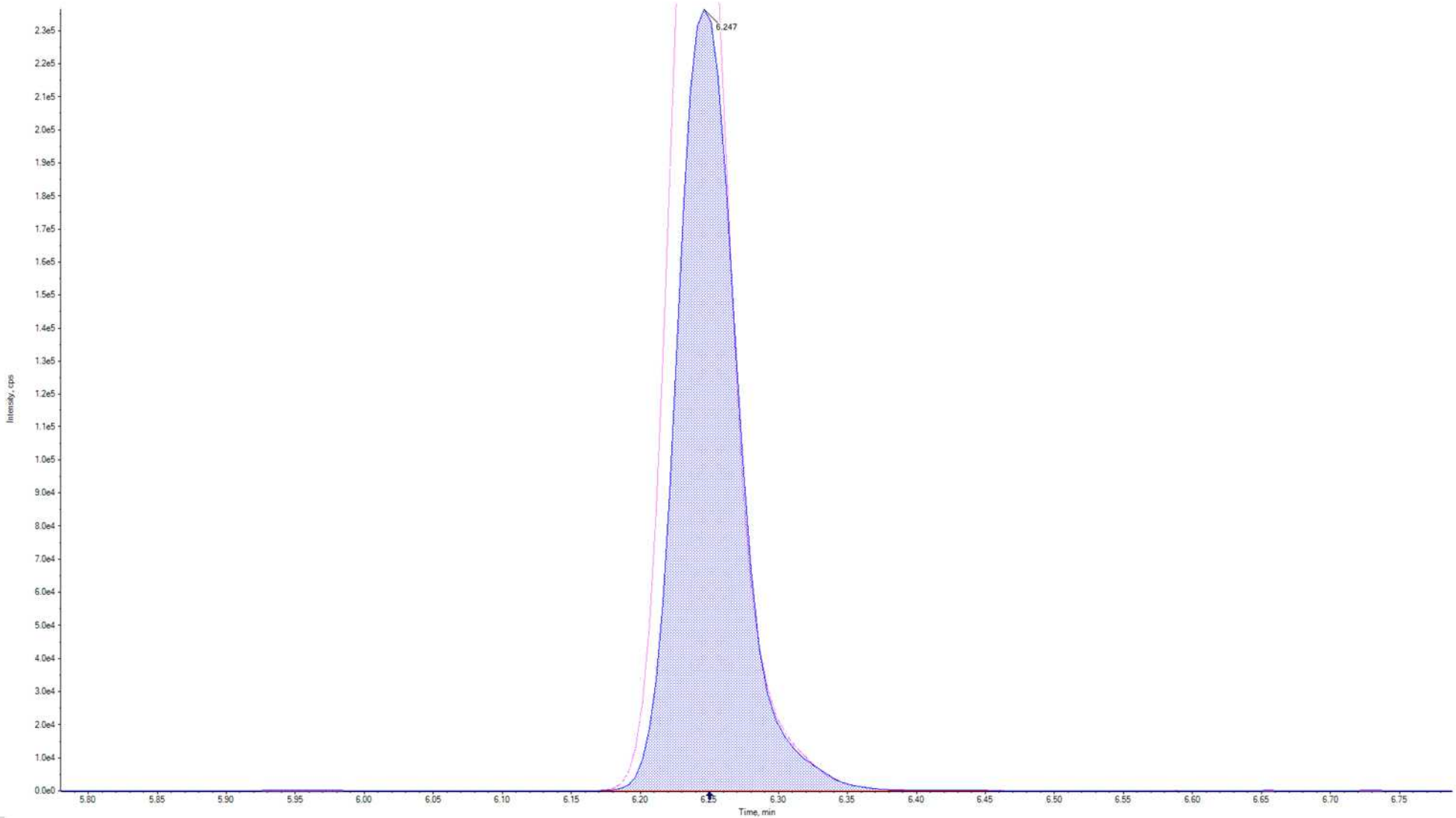
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpA
Sample: IA1633STD-5 S/N:3033.0 Points Across peak:51



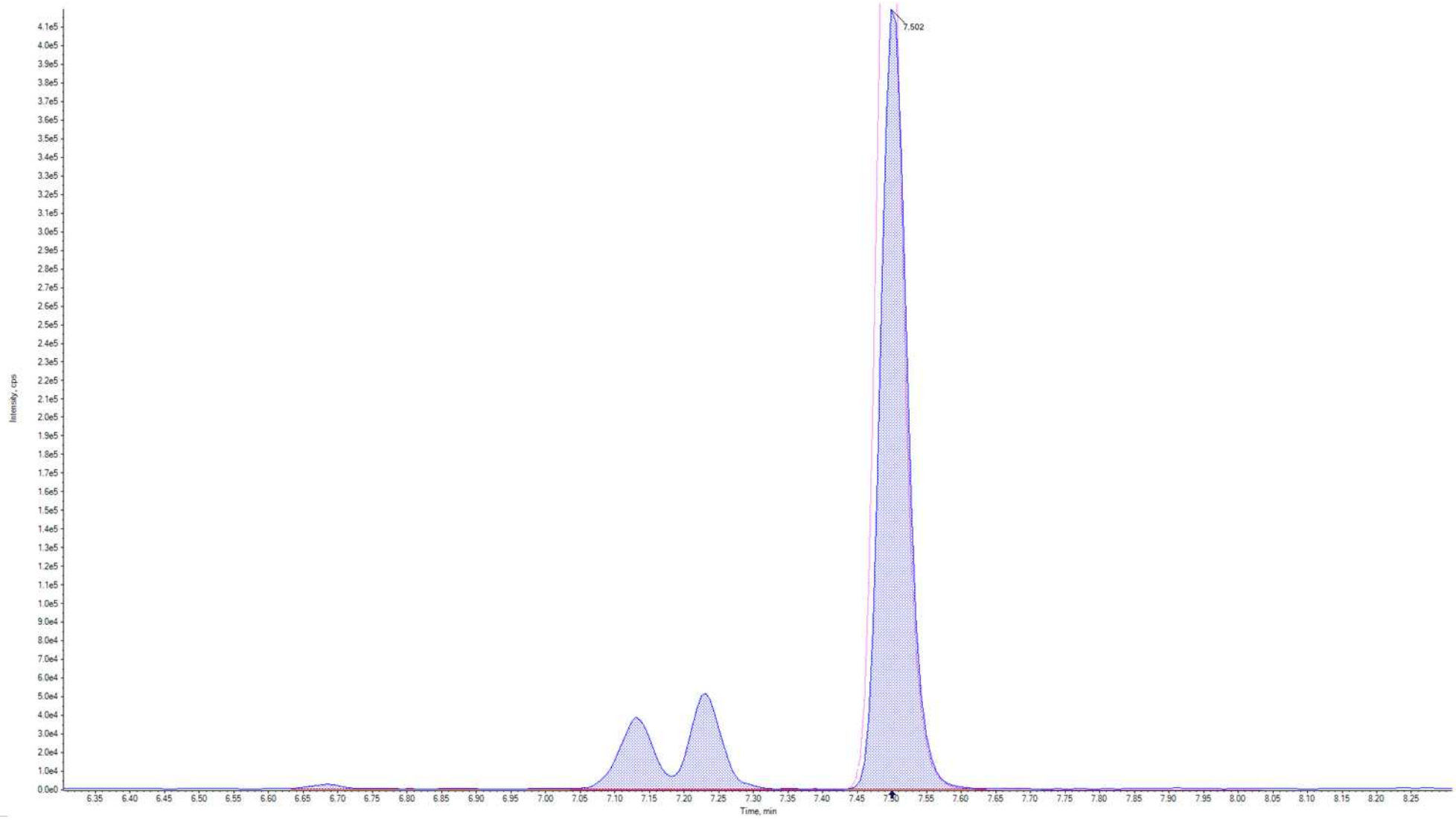
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpA_2
Sample: IA1633STD-5 S/N:8665.8 Points Across peak:53



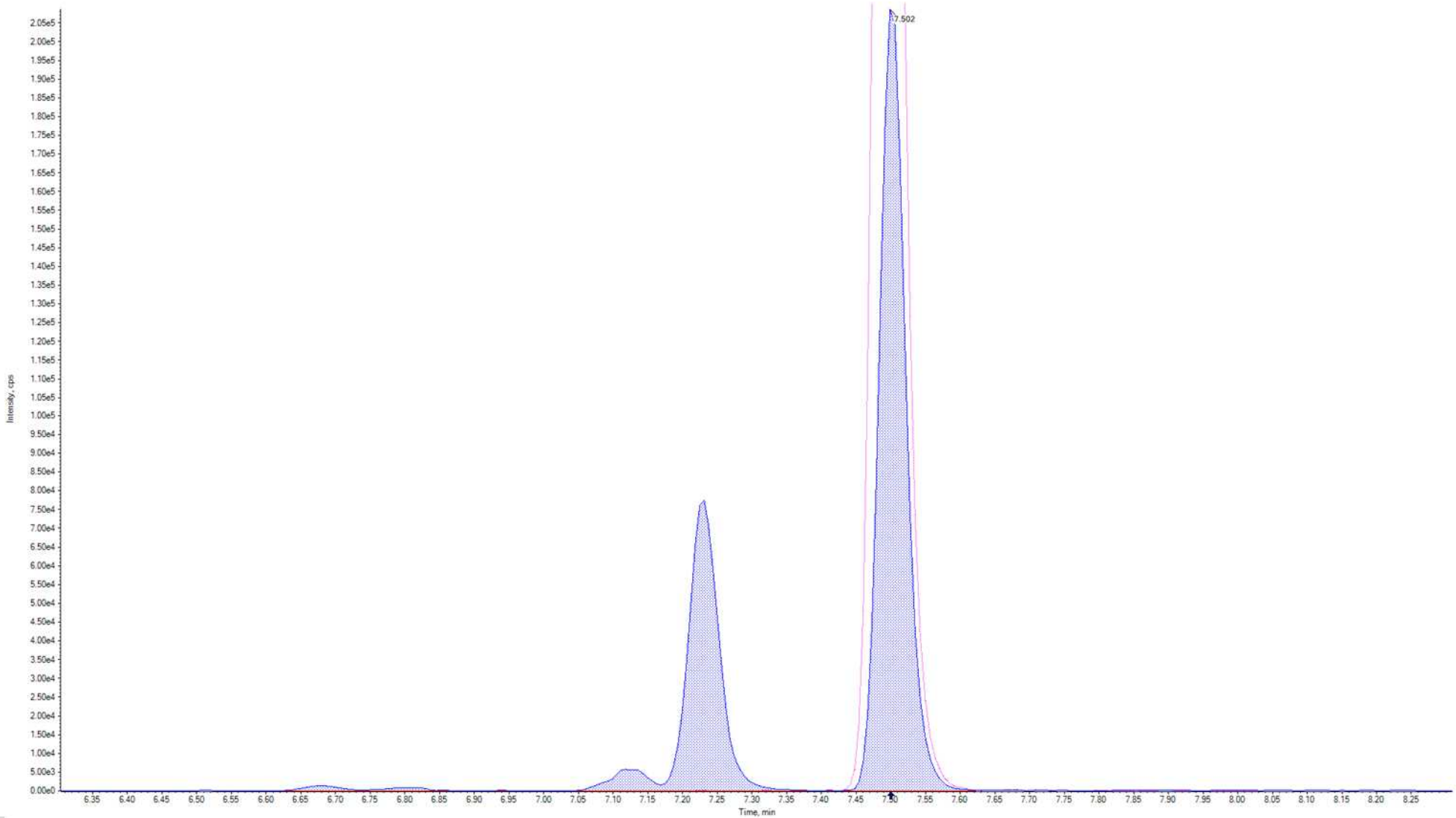
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOA
Sample: IA1633STD-5 S/N:2159.4 Points Across peak:154



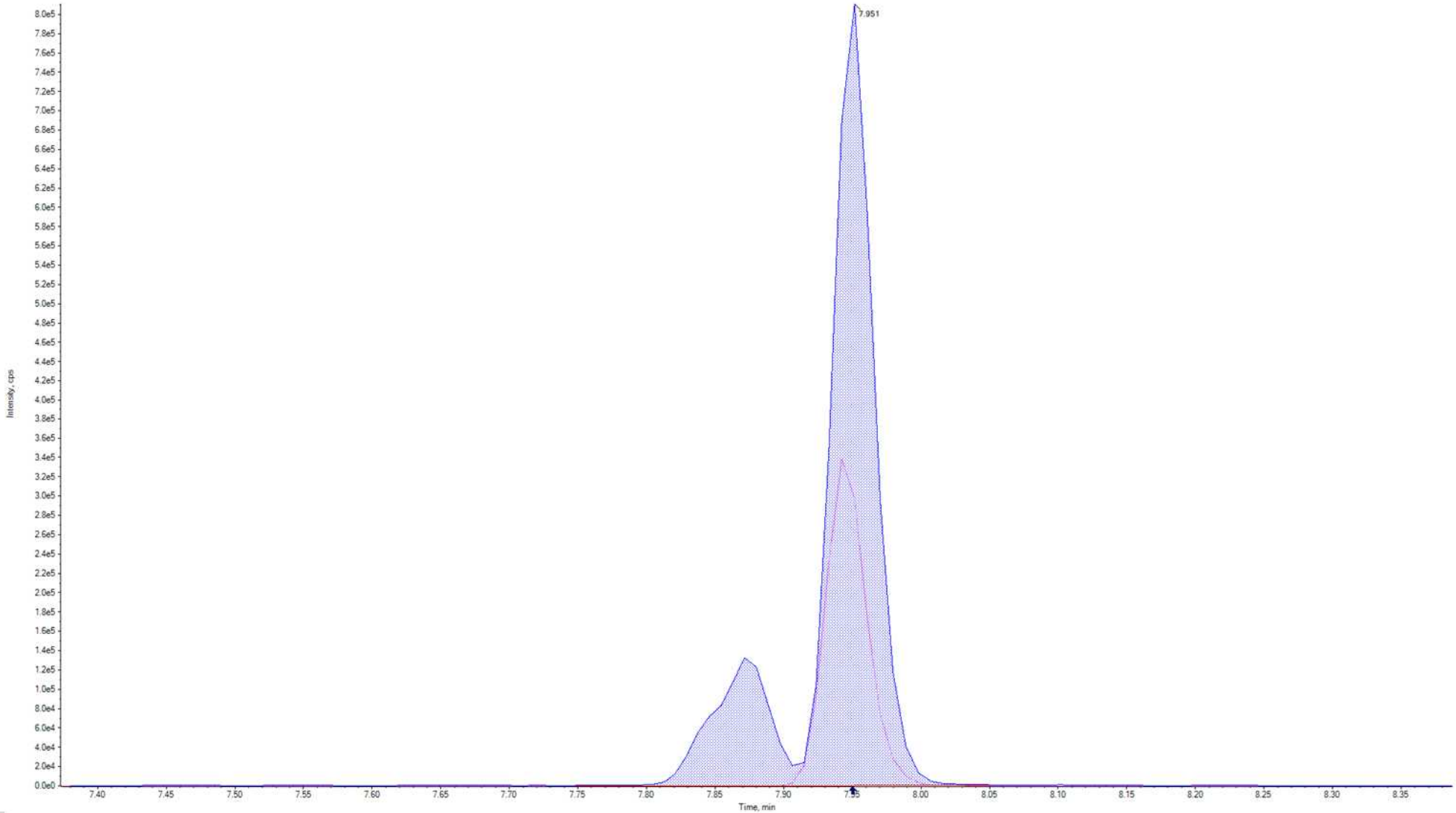
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOA_2
Sample: IA1633STD-5 S/N:41204.2 Points Across peak:153



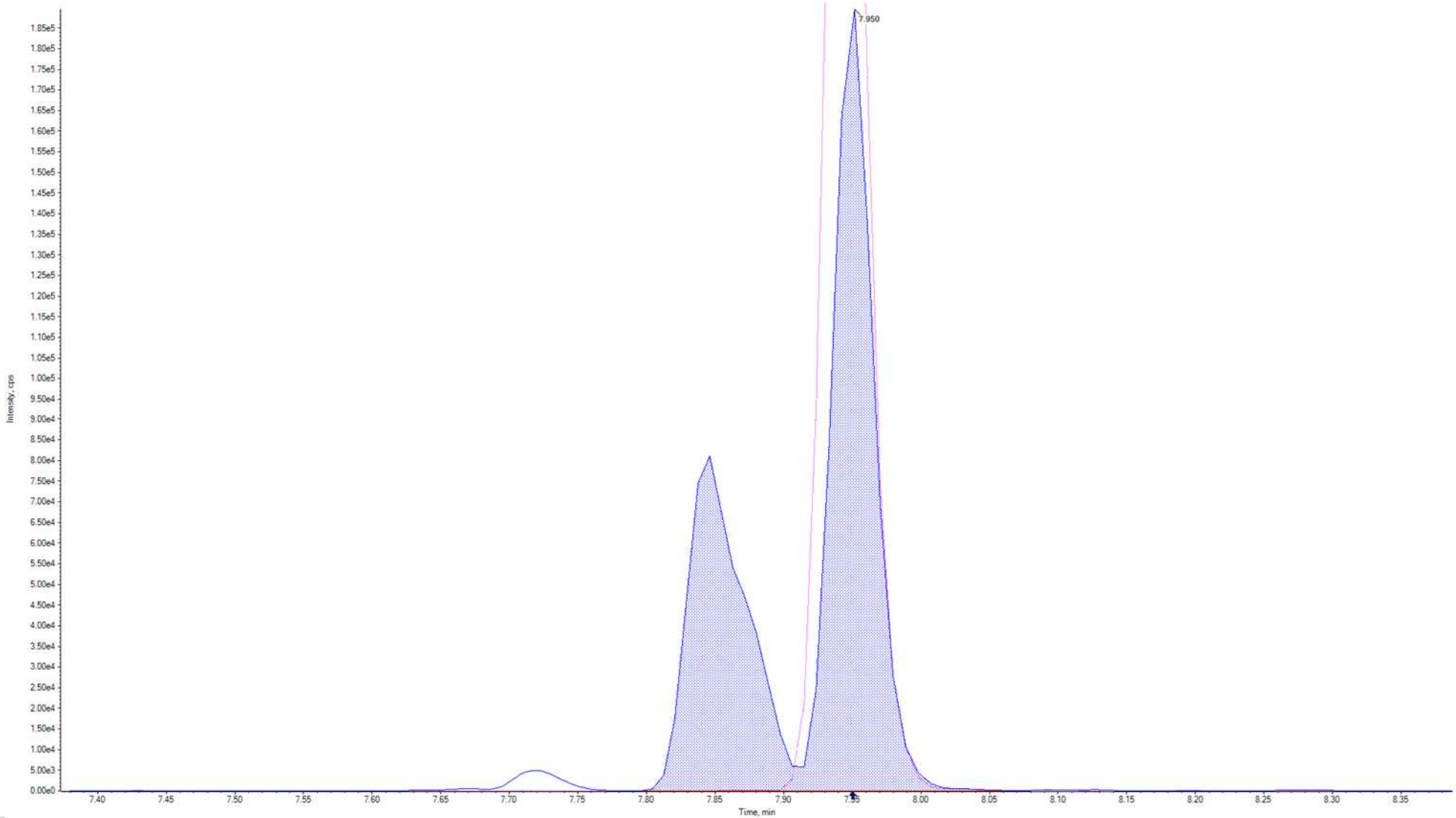
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNA
Sample: IA1633STD-5 S/N:2134.3 Points Across peak:41



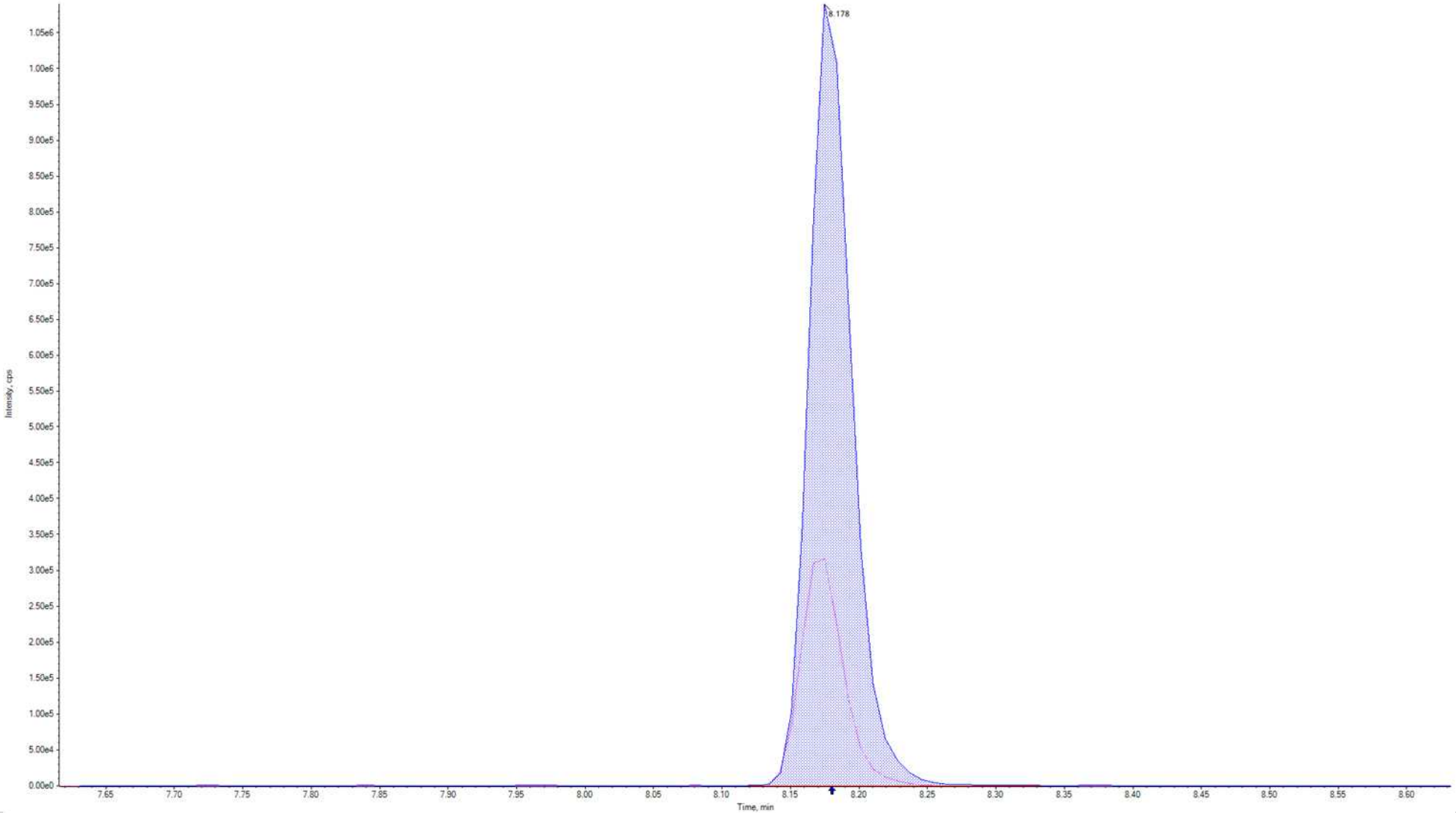
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNA_2
Sample: IA1633STD-5 S/N:1203.8 Points Across peak:33



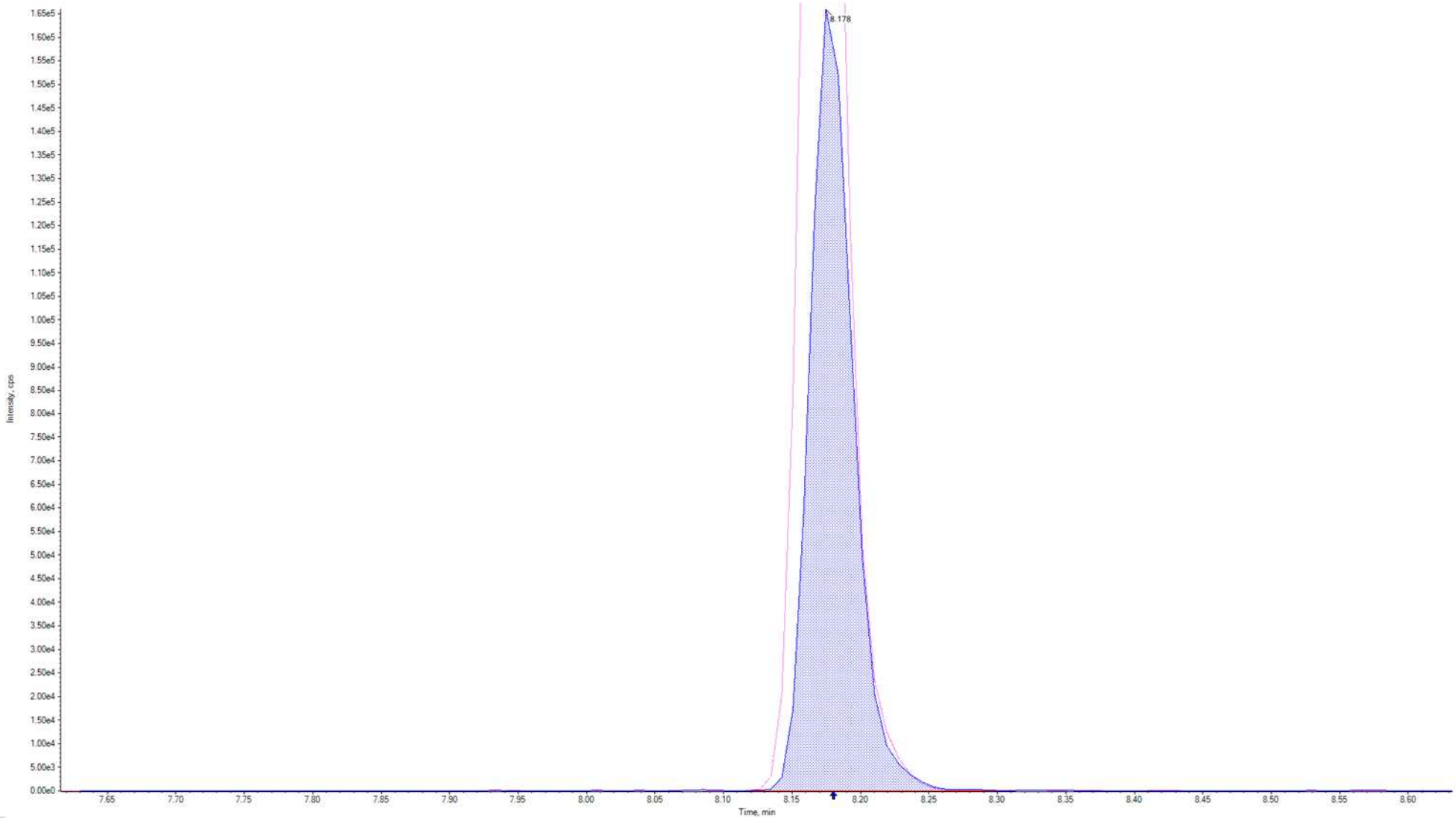
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDA
Sample: IA1633STD-5 S/N:3501.6 Points Across peak:30



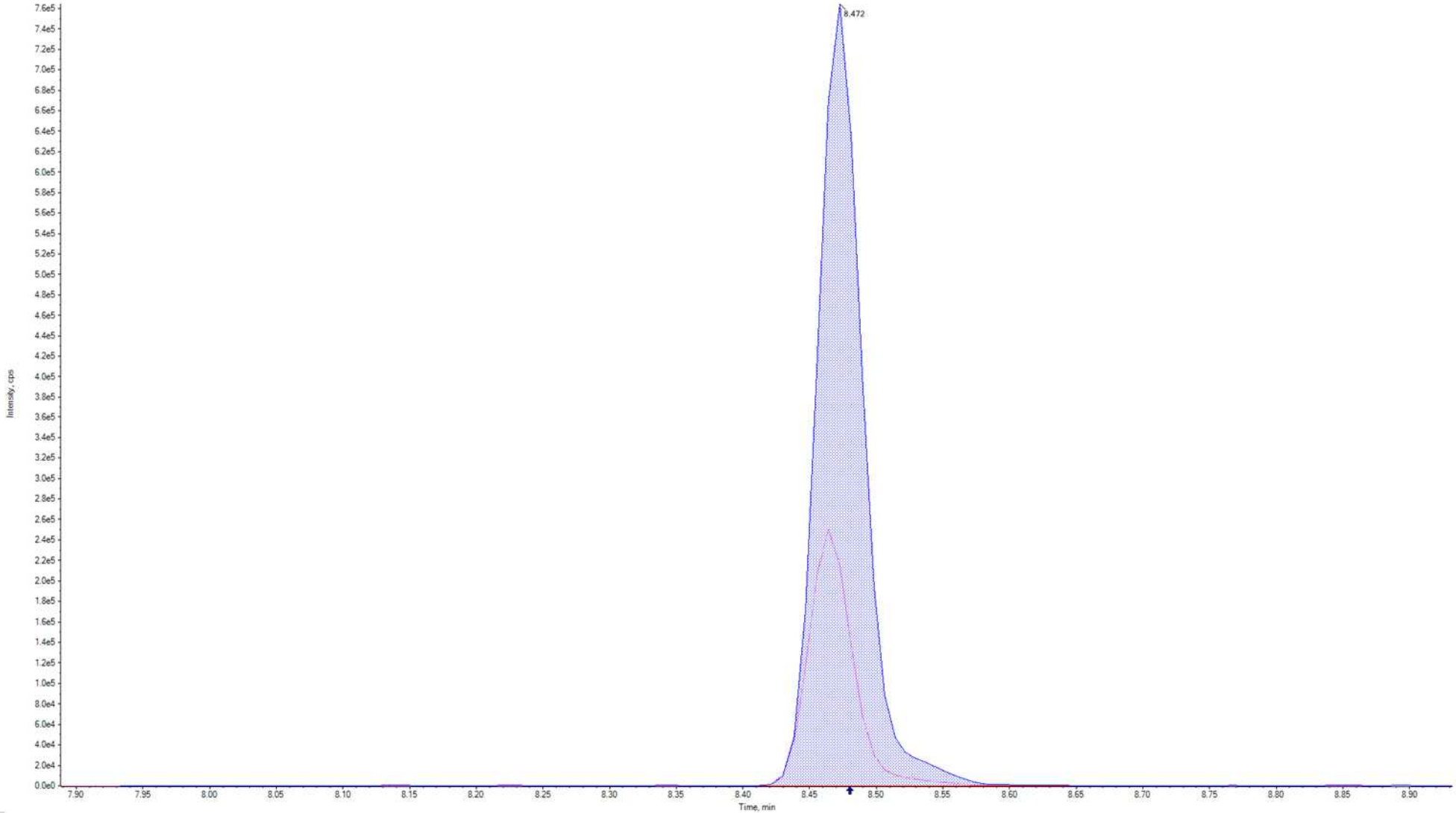
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDA_2
Sample: IA1633STD-5 S/N:2180.0 Points Across peak:24



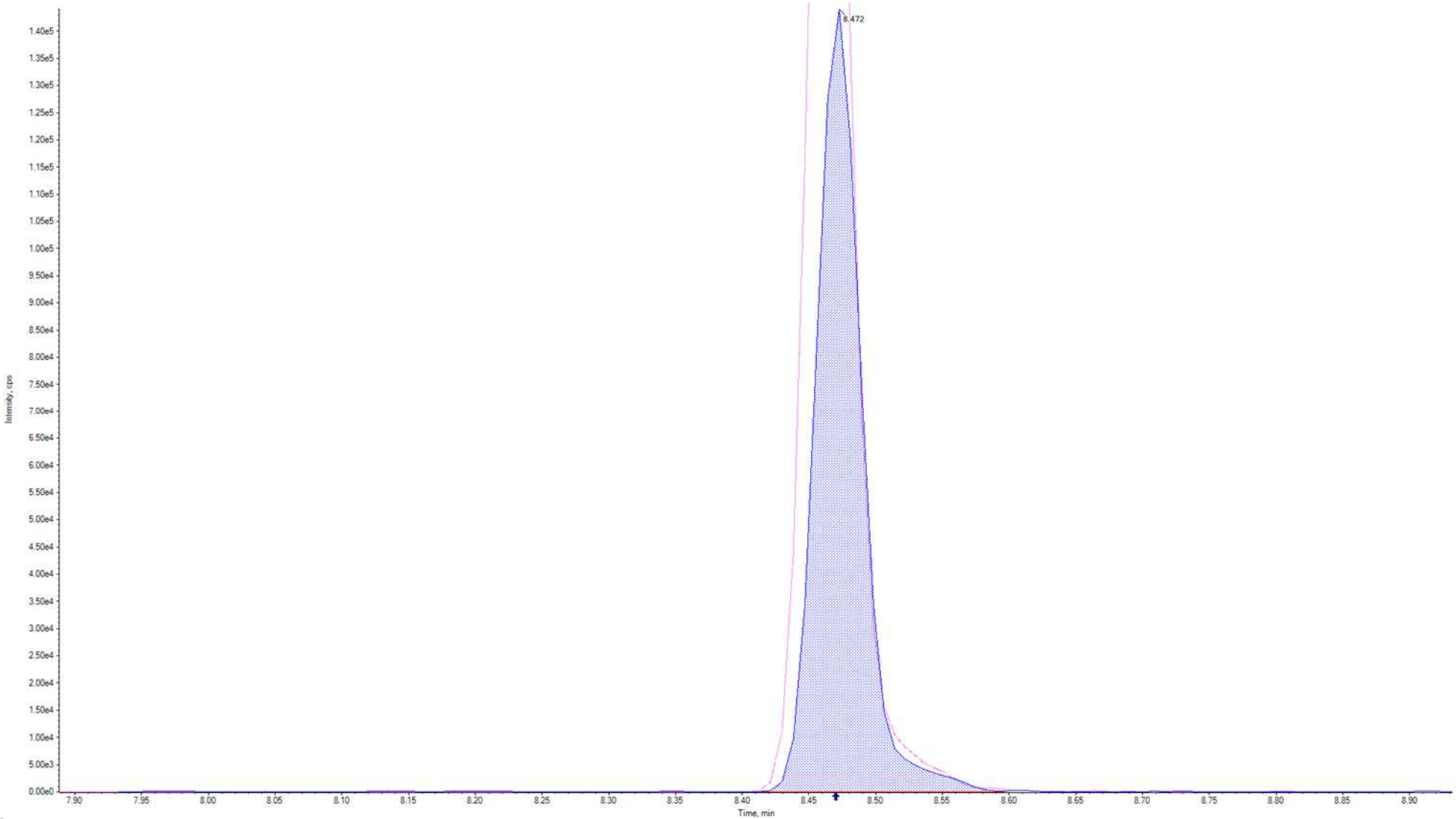
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA
Sample: IA1633STD-5 S/N:7886.0 Points Across peak:39



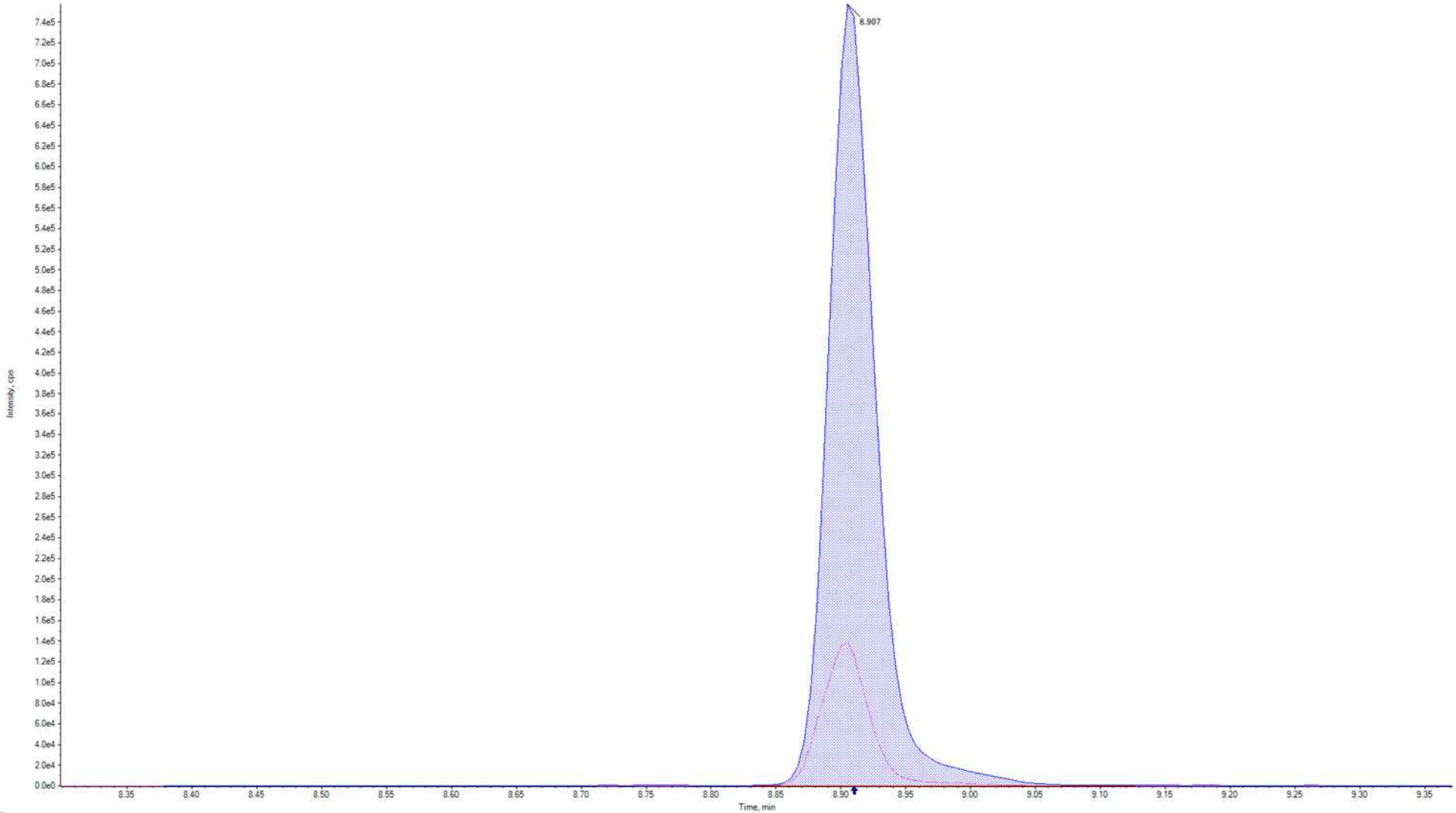
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA_2
Sample: IA1633STD-5 S/N:1501166.4 Points Across peak:26



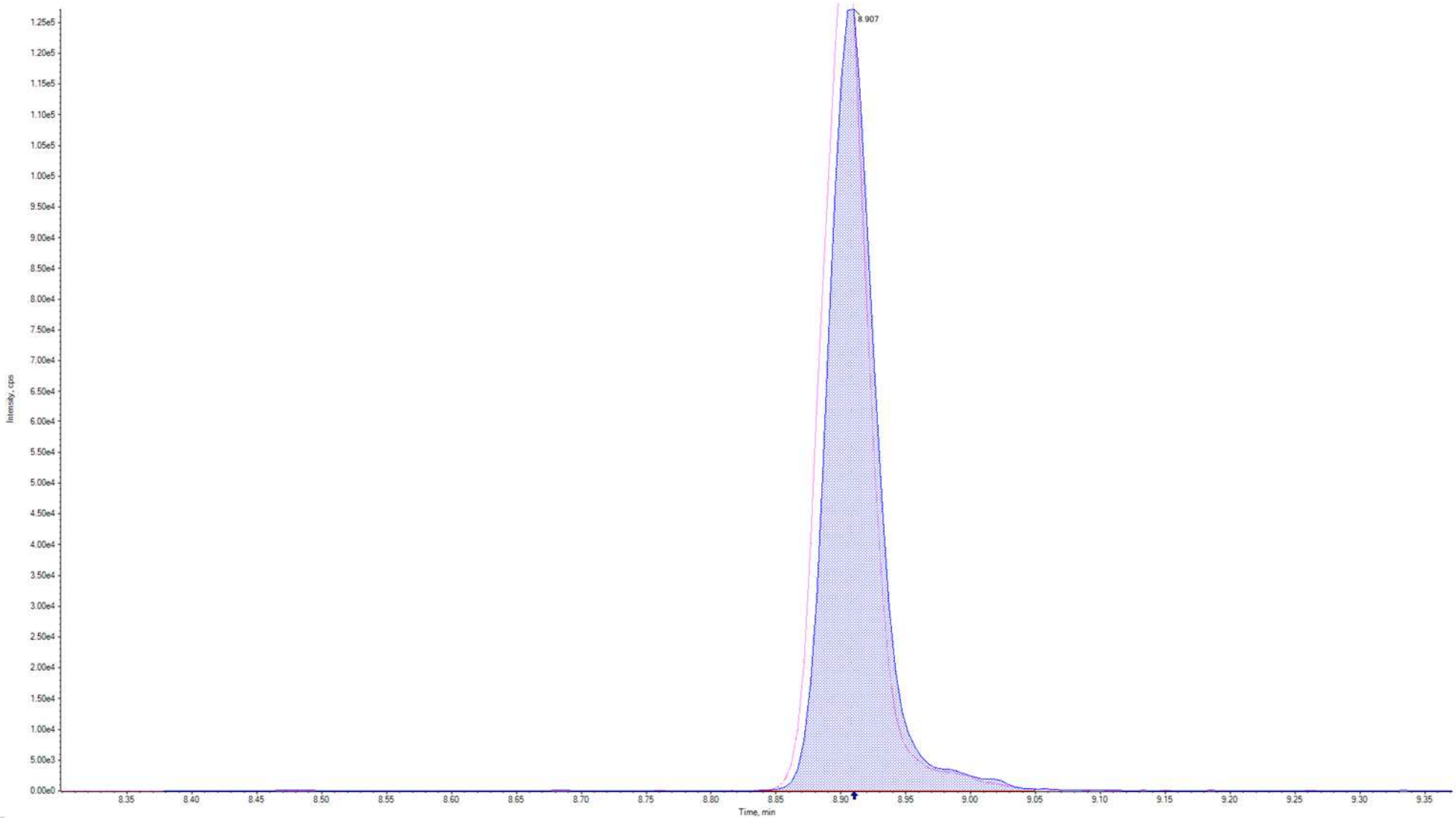
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA
Sample: IA1633STD-5 S/N:6964.3 Points Across peak:62



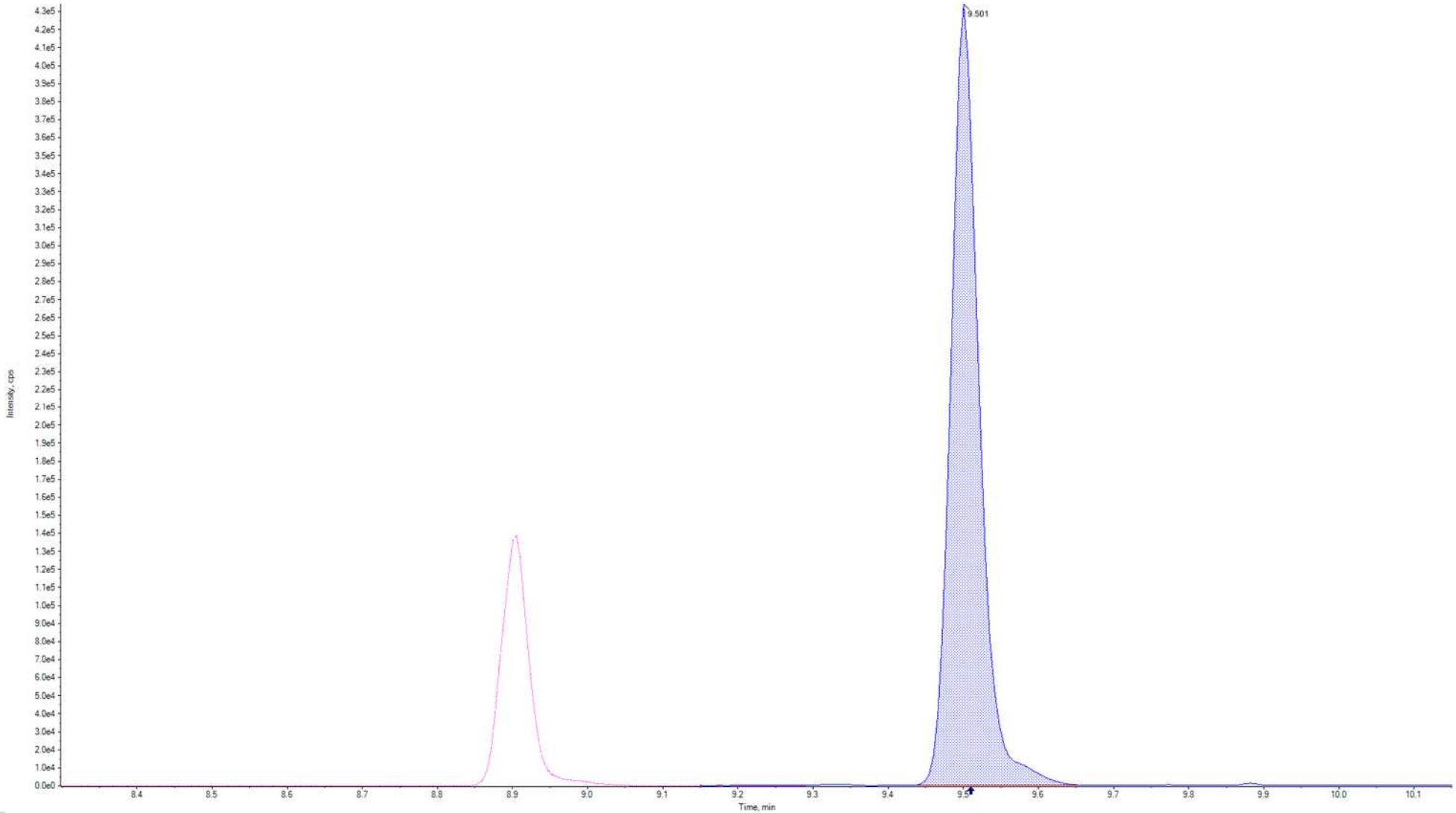
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA_2
Sample: IA1633STD-5 S/N:230707.9 Points Across peak:47



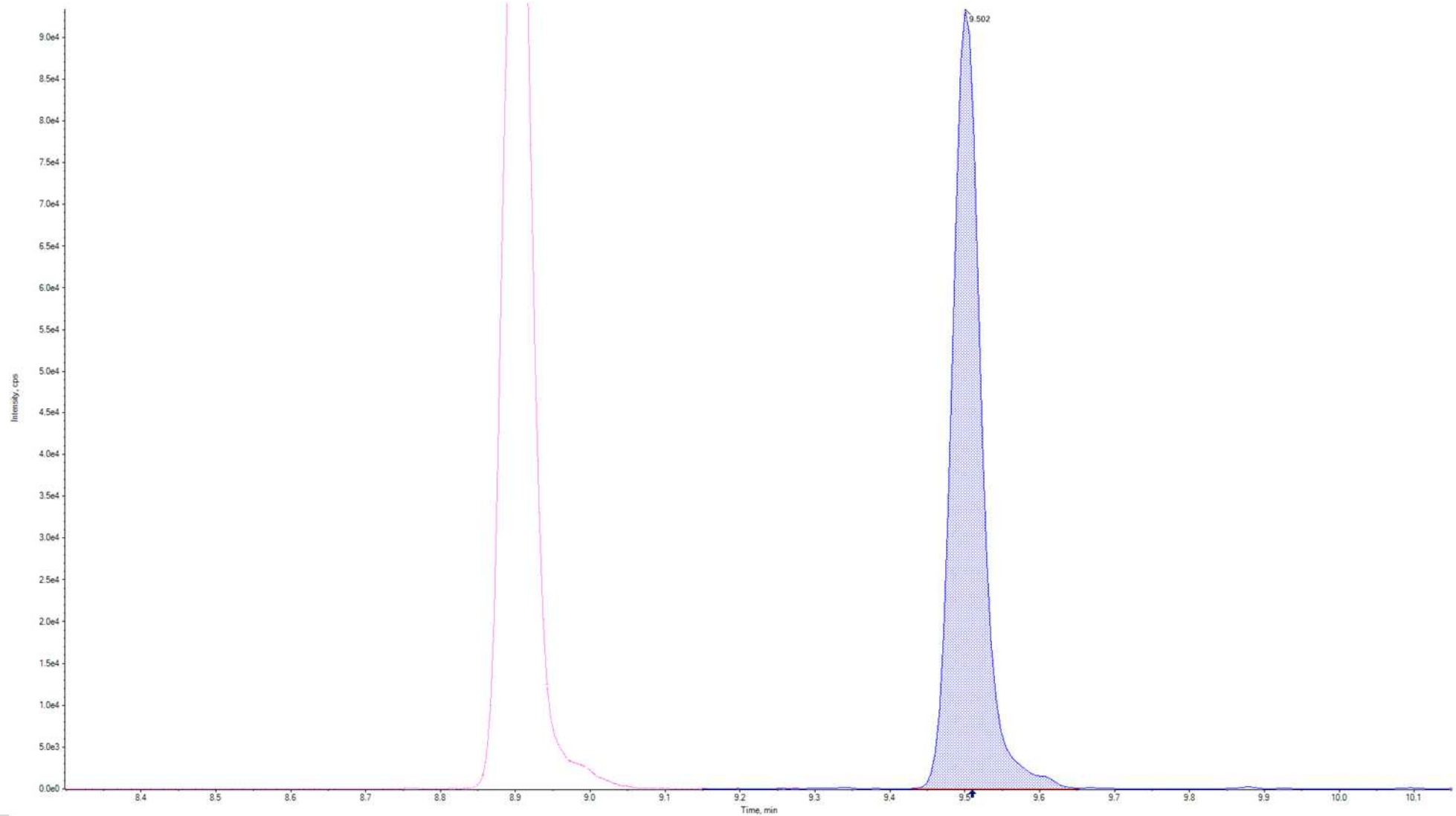
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTrDA
Sample: IA1633STD-5 S/N:2531.3 Points Across peak:44



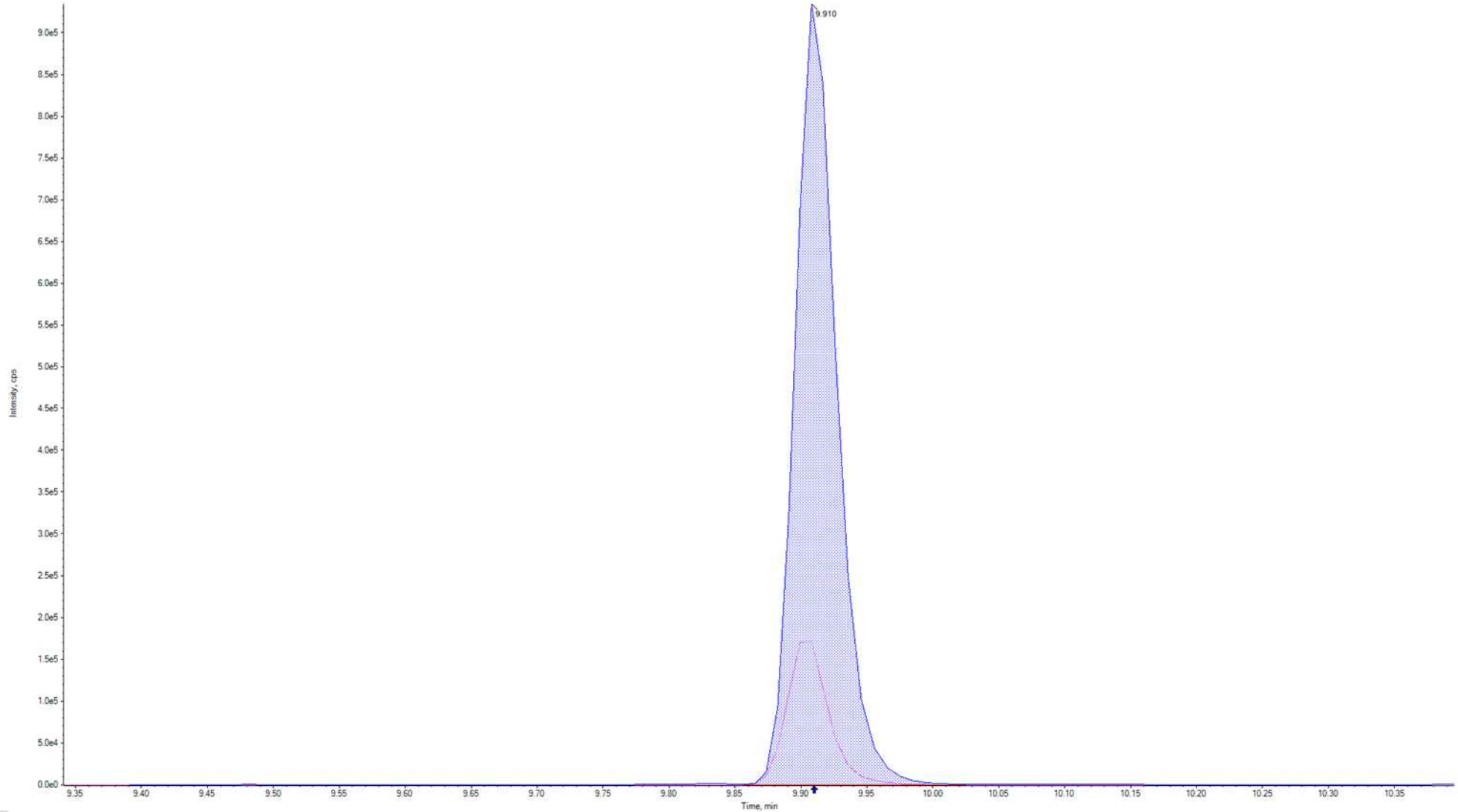
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTrDA_2
Sample: IA1633STD-5 S/N:212915.8 Points Across peak:41



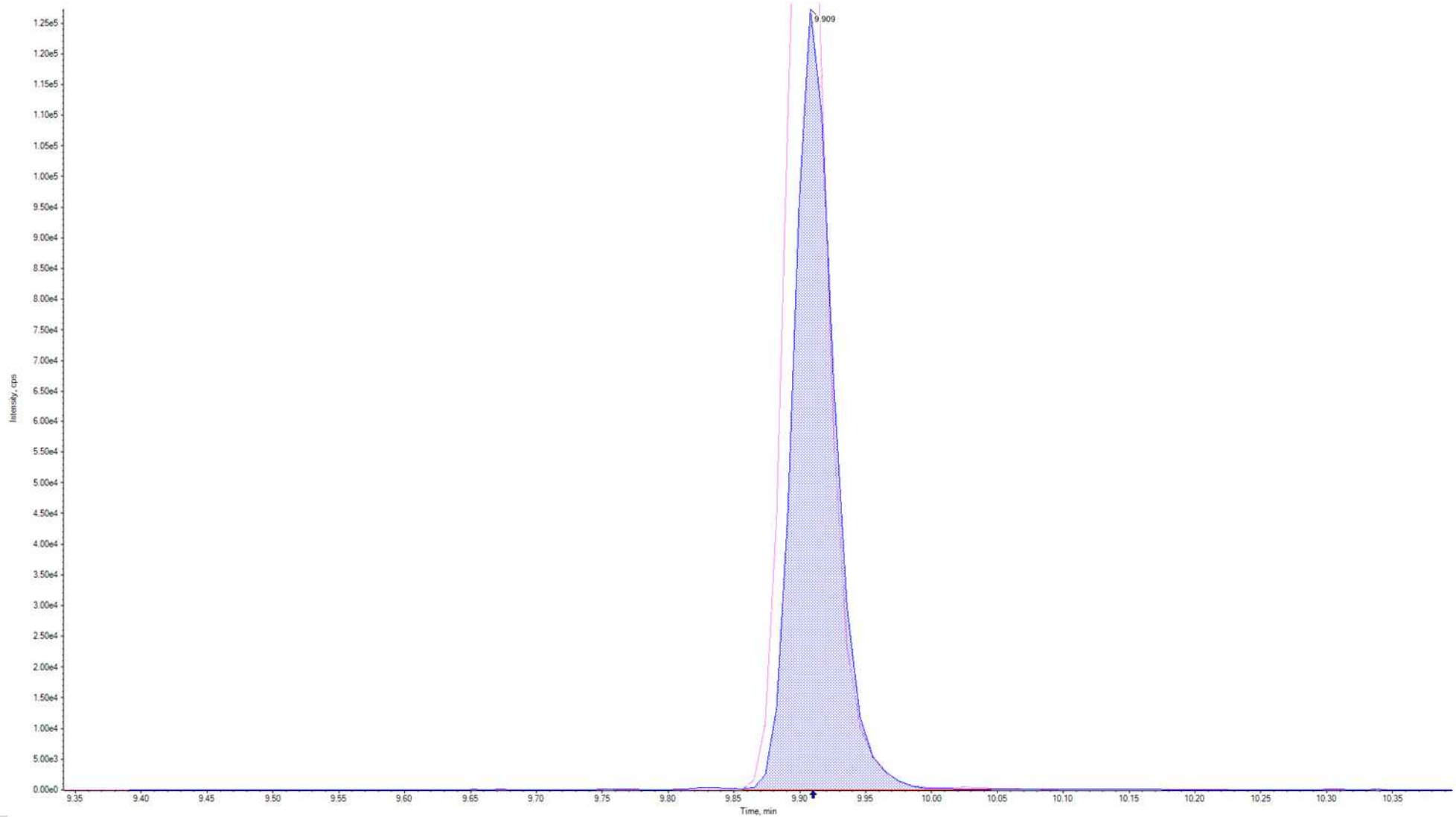
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTeDA
Sample: IA1633STD-5 S/N:2545.1 Points Across peak:19



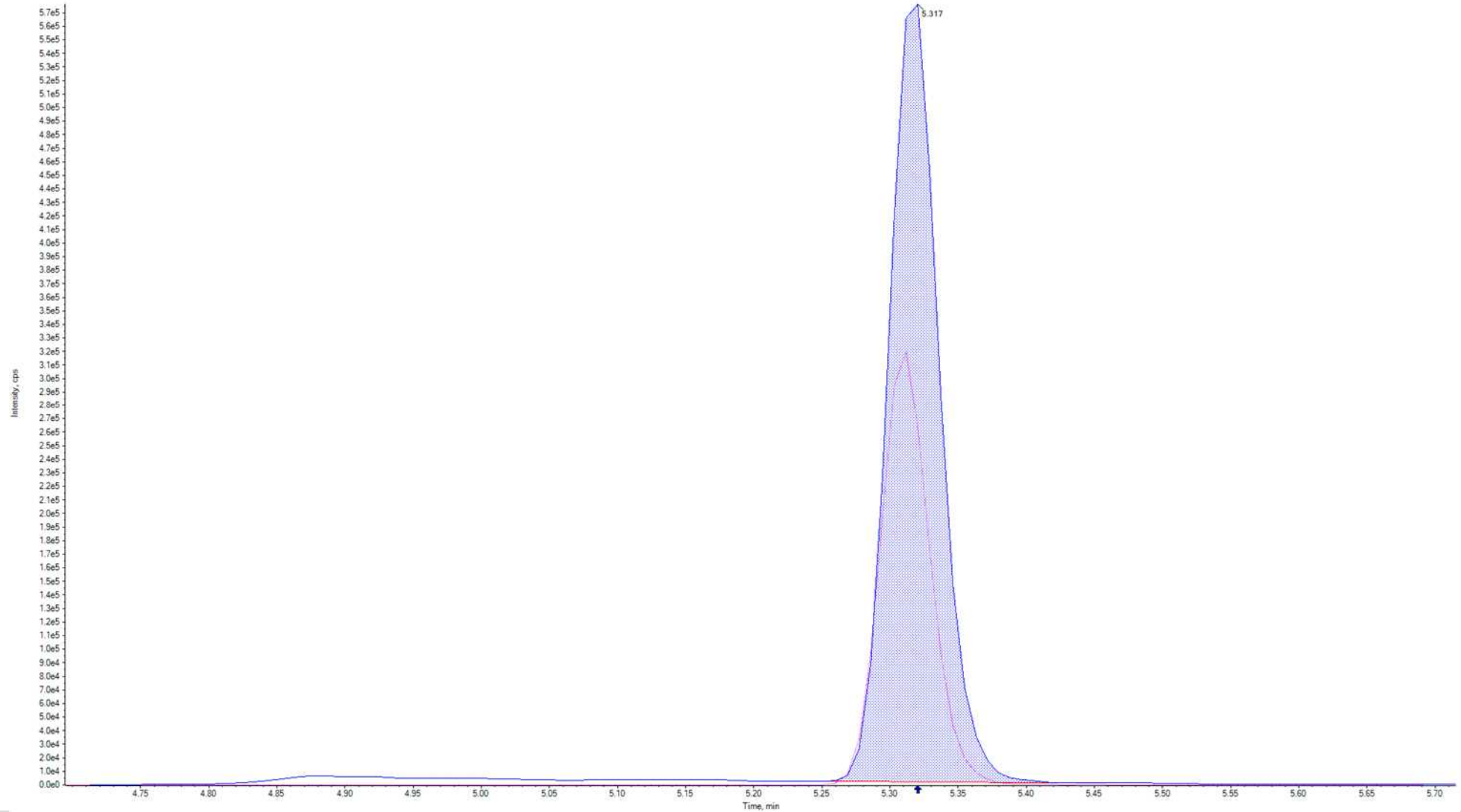
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTeDA_2
Sample: IA1633STD-5 S/N:1958.4 Points Across peak:21



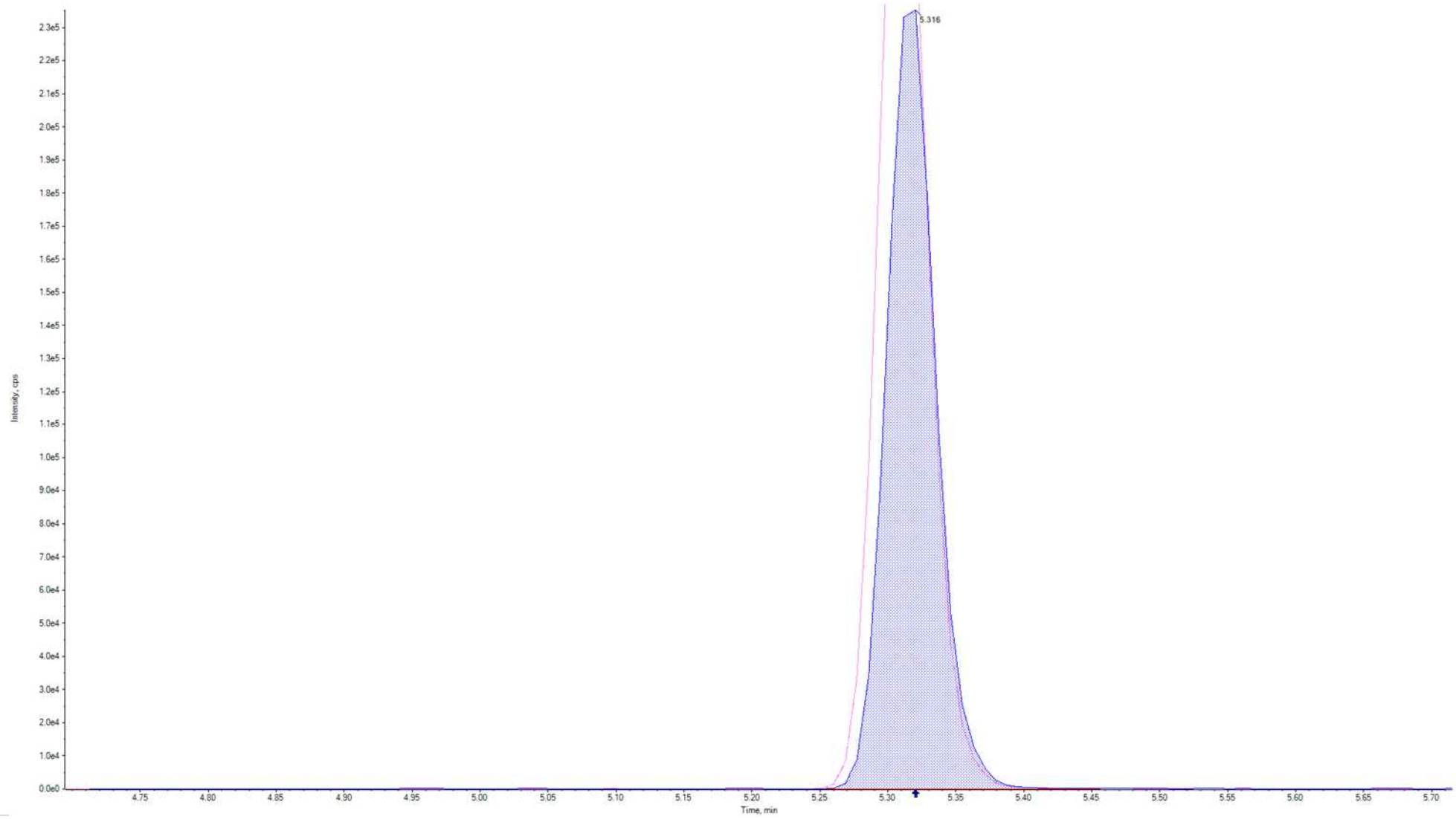
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFBS
Sample: IA1633STD-5 S/N:102.9 Points Across peak:22



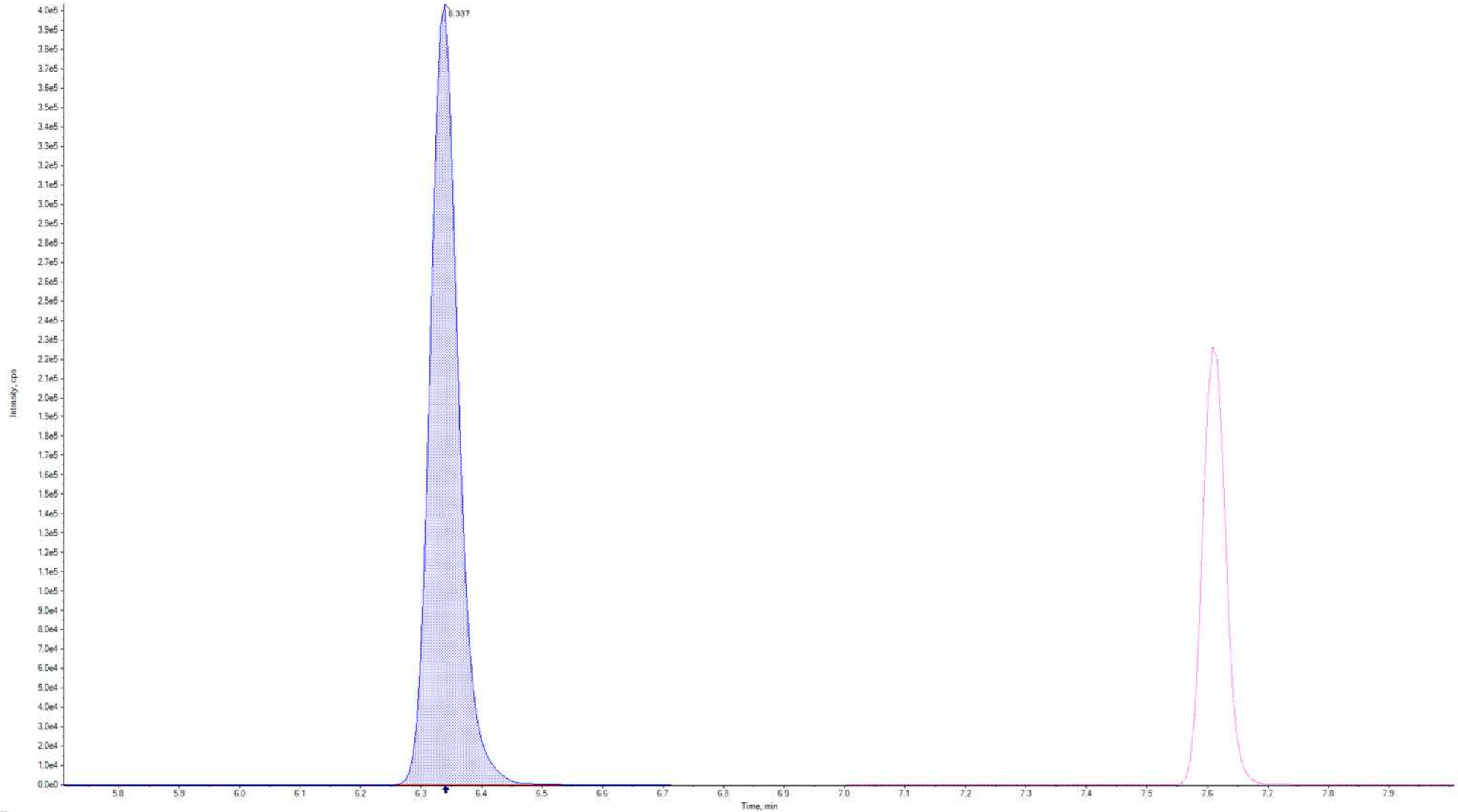
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFBS_2
Sample: IA1633STD-5 S/N:4632.1 Points Across peak:26



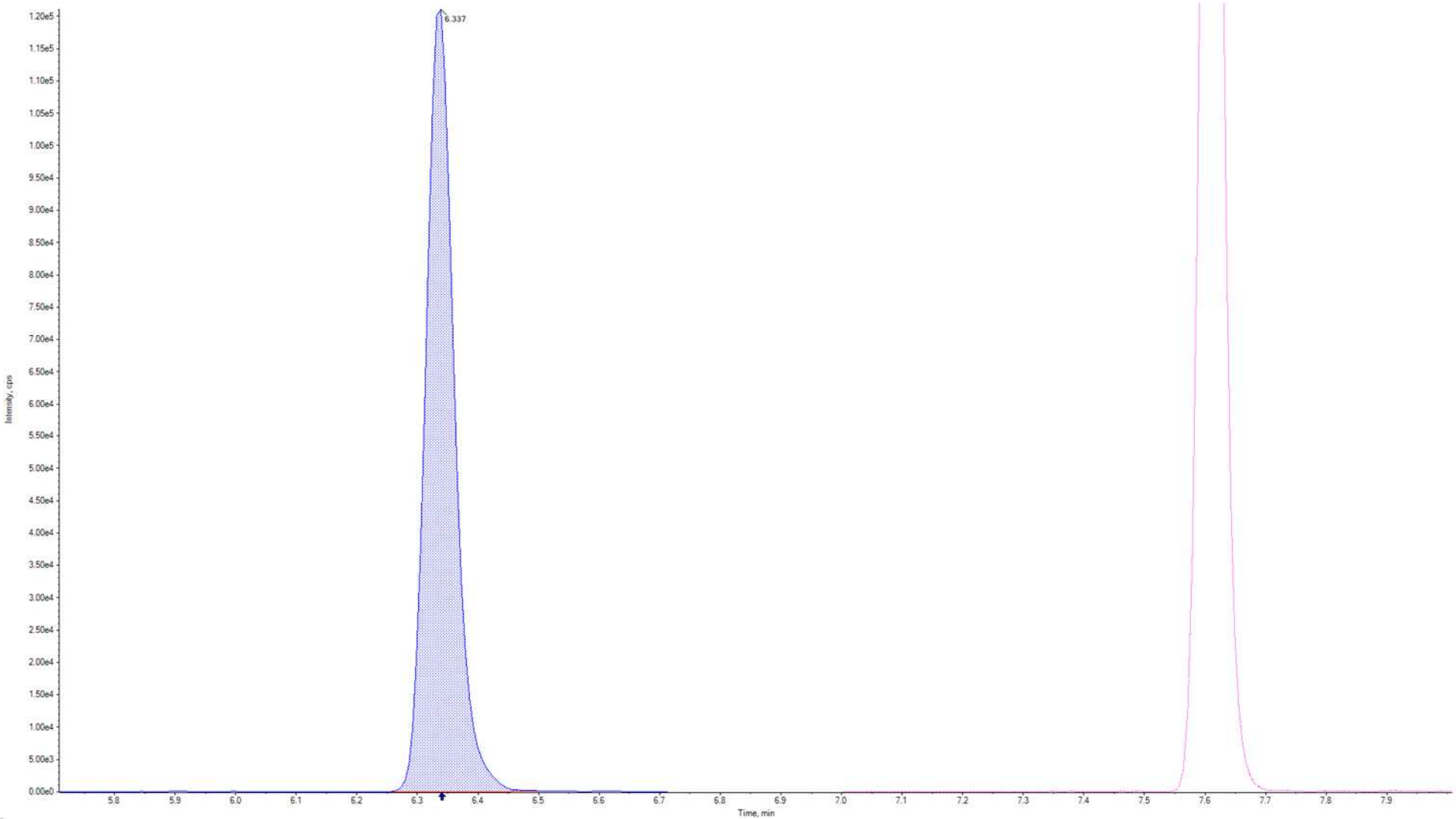
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS
Sample: IA1633STD-5 S/N:8413.7 Points Across peak:48



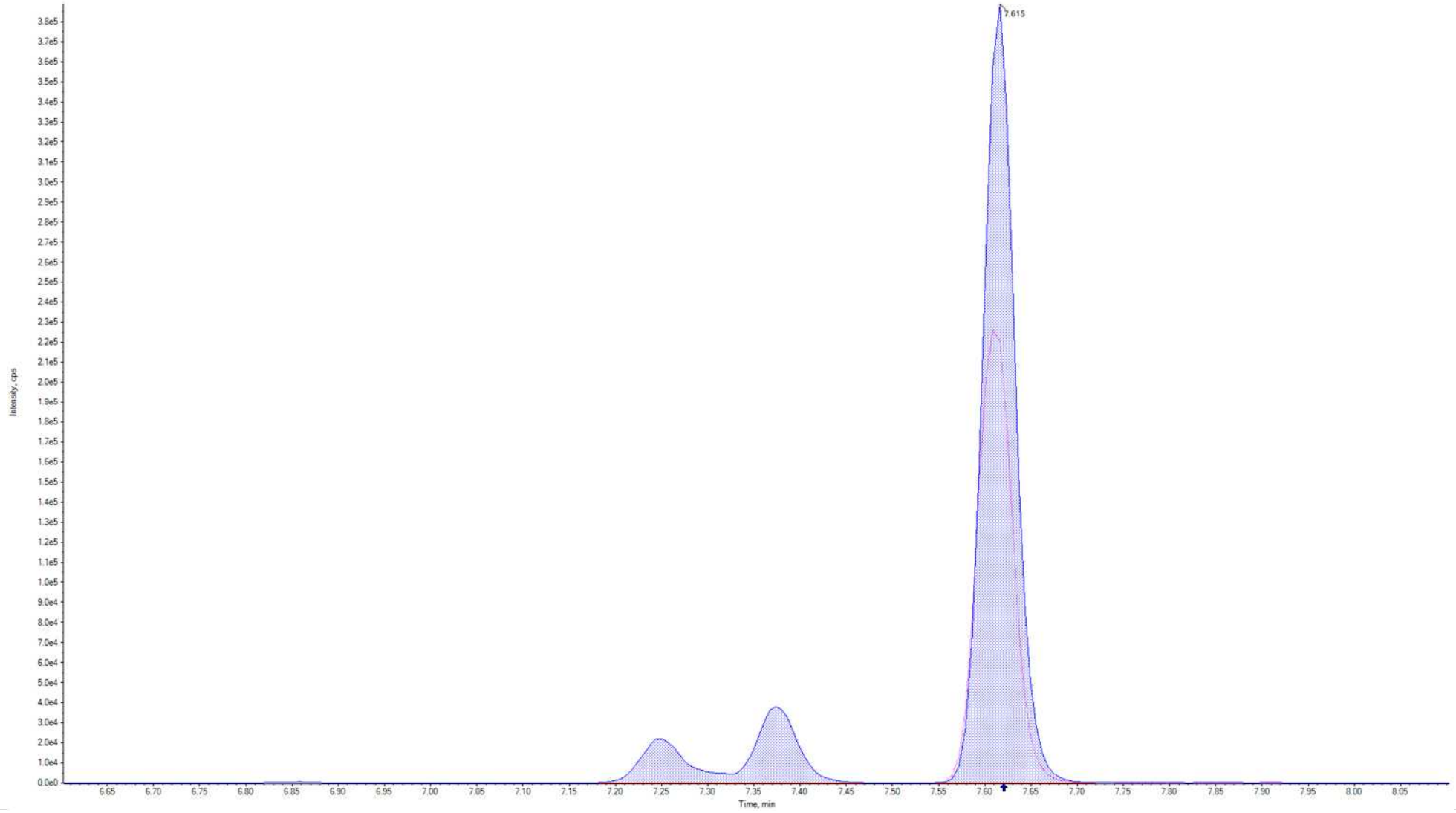
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS_2
Sample: IA1633STD-5 S/N:37340.2 Points Across peak:40



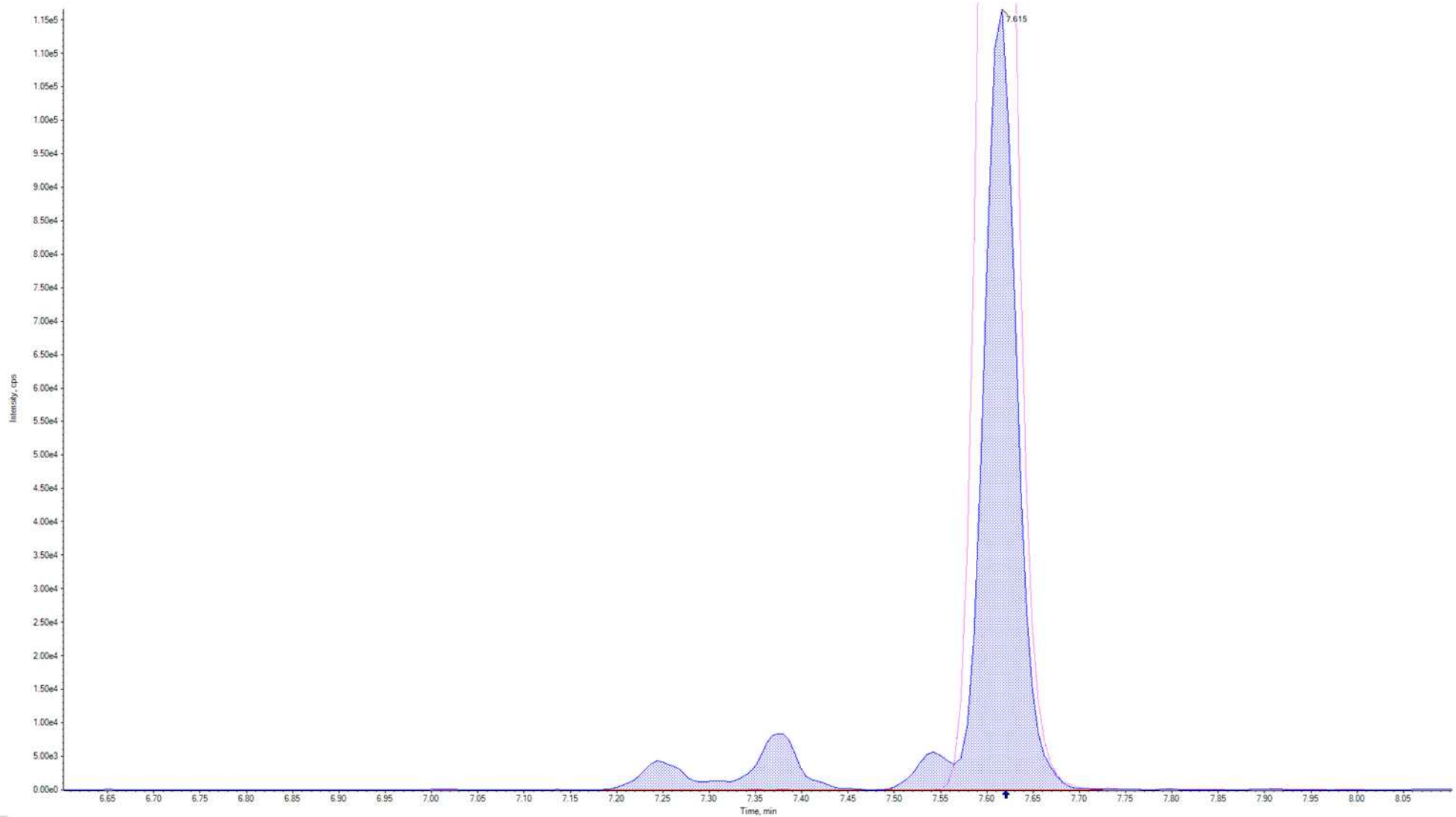
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS
Sample: IA1633STD-5 S/N:42905.0 Points Across peak:89



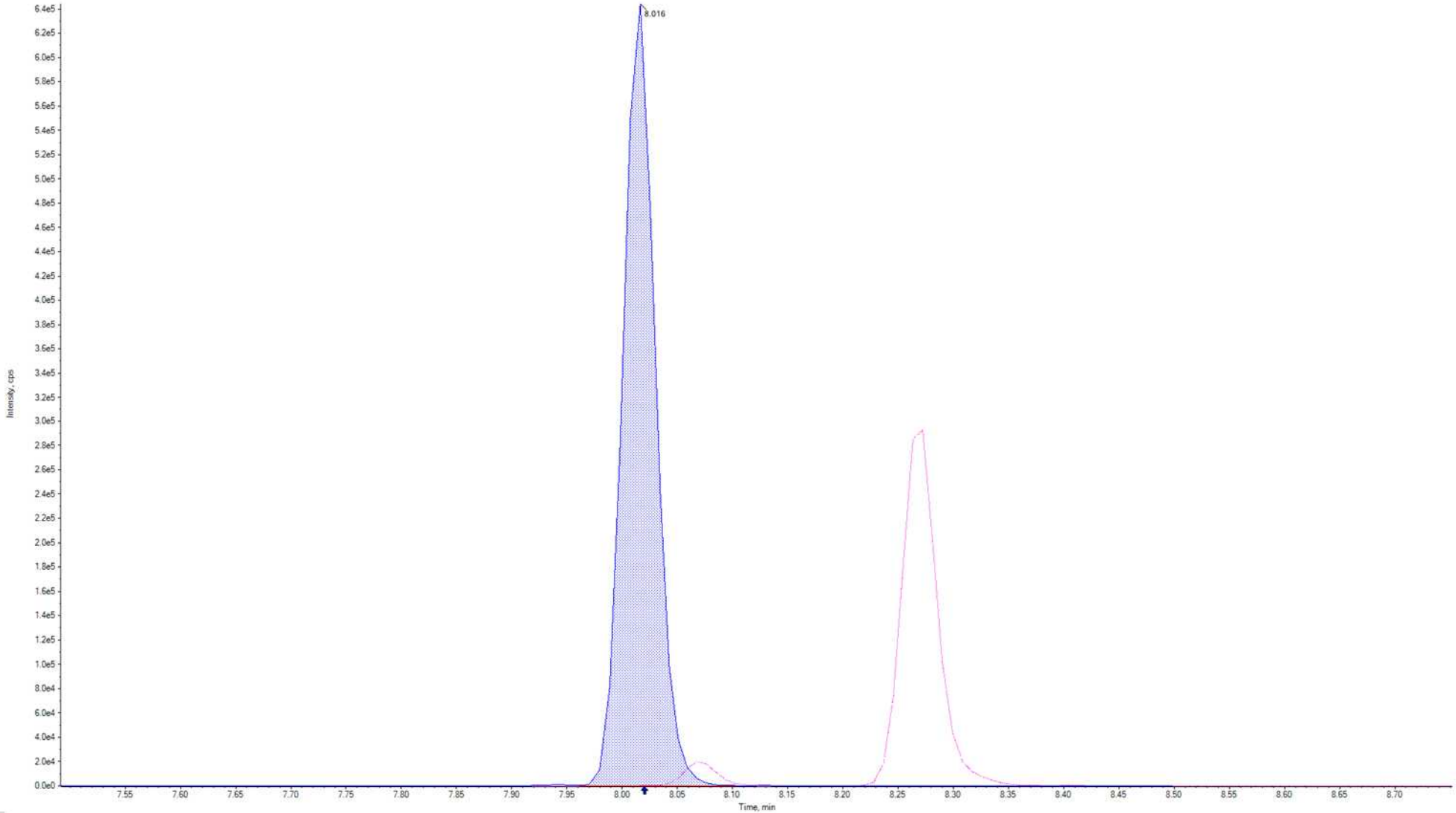
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS_2
Sample: IA1633STD-5 S/N:1823275.2 Points Across peak:89



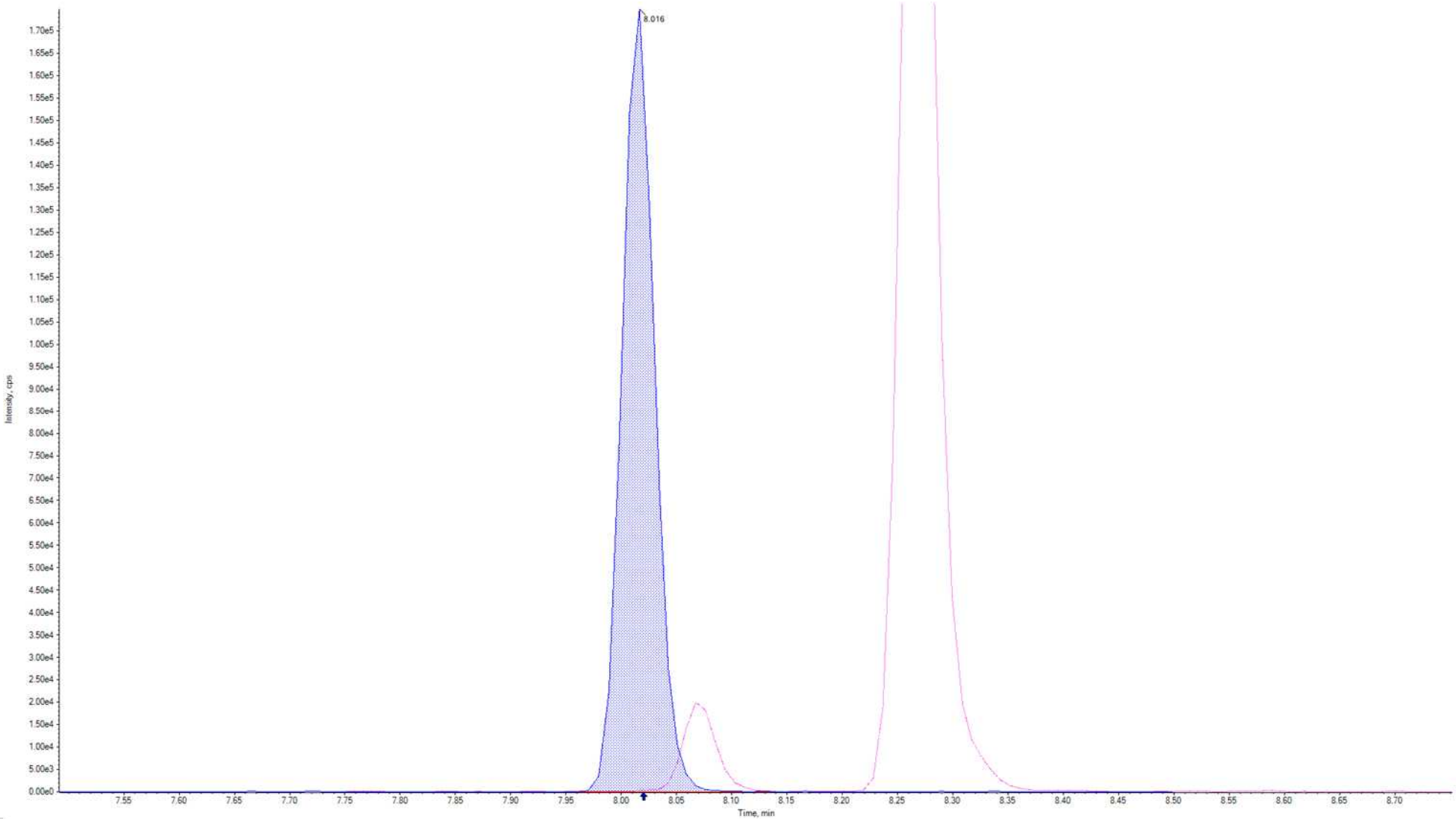
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS
Sample: IA1633STD-5 S/N:23379142.3 Points Across peak:18



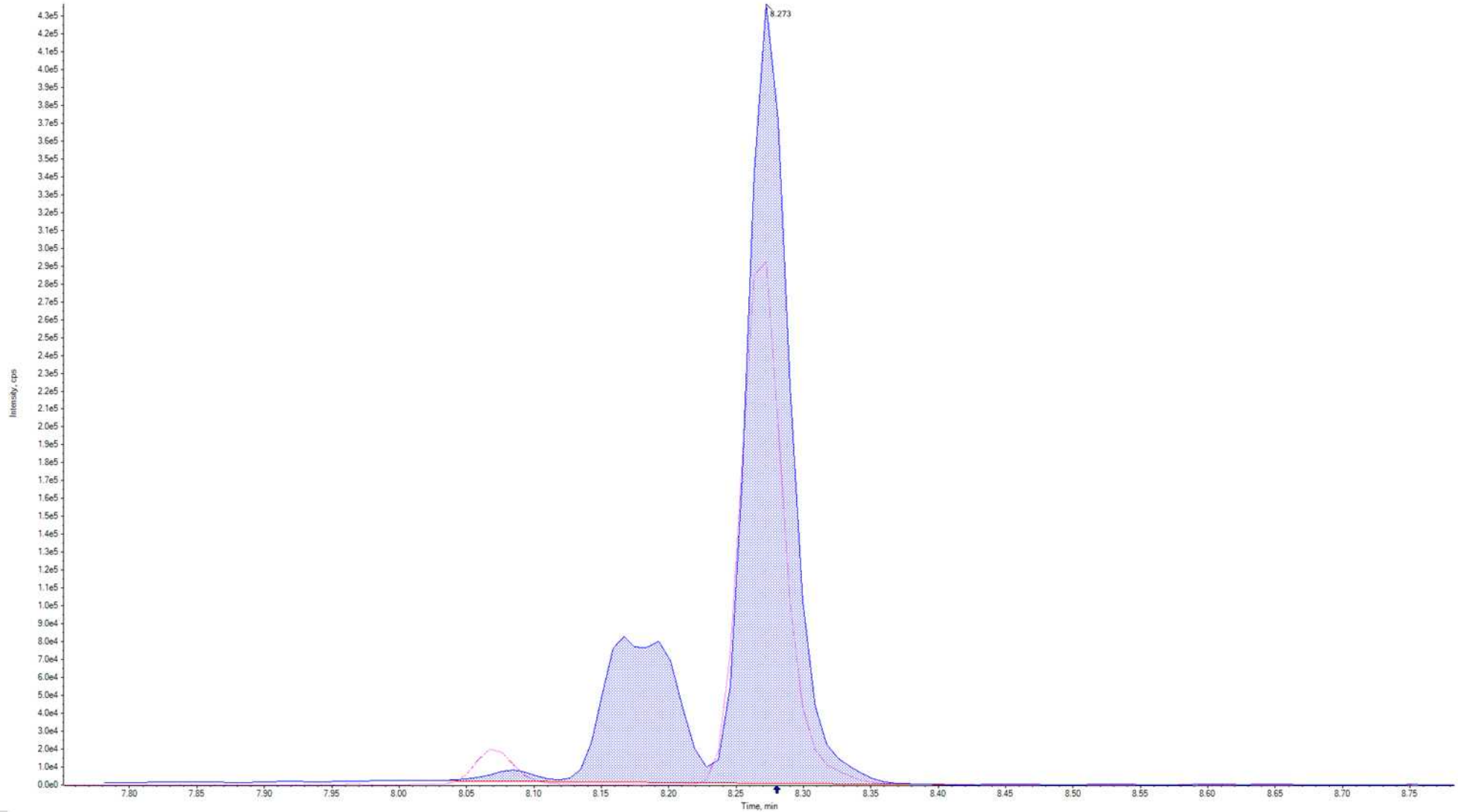
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS_2
Sample: IA1633STD-5 S/N:2611.6 Points Across peak:27



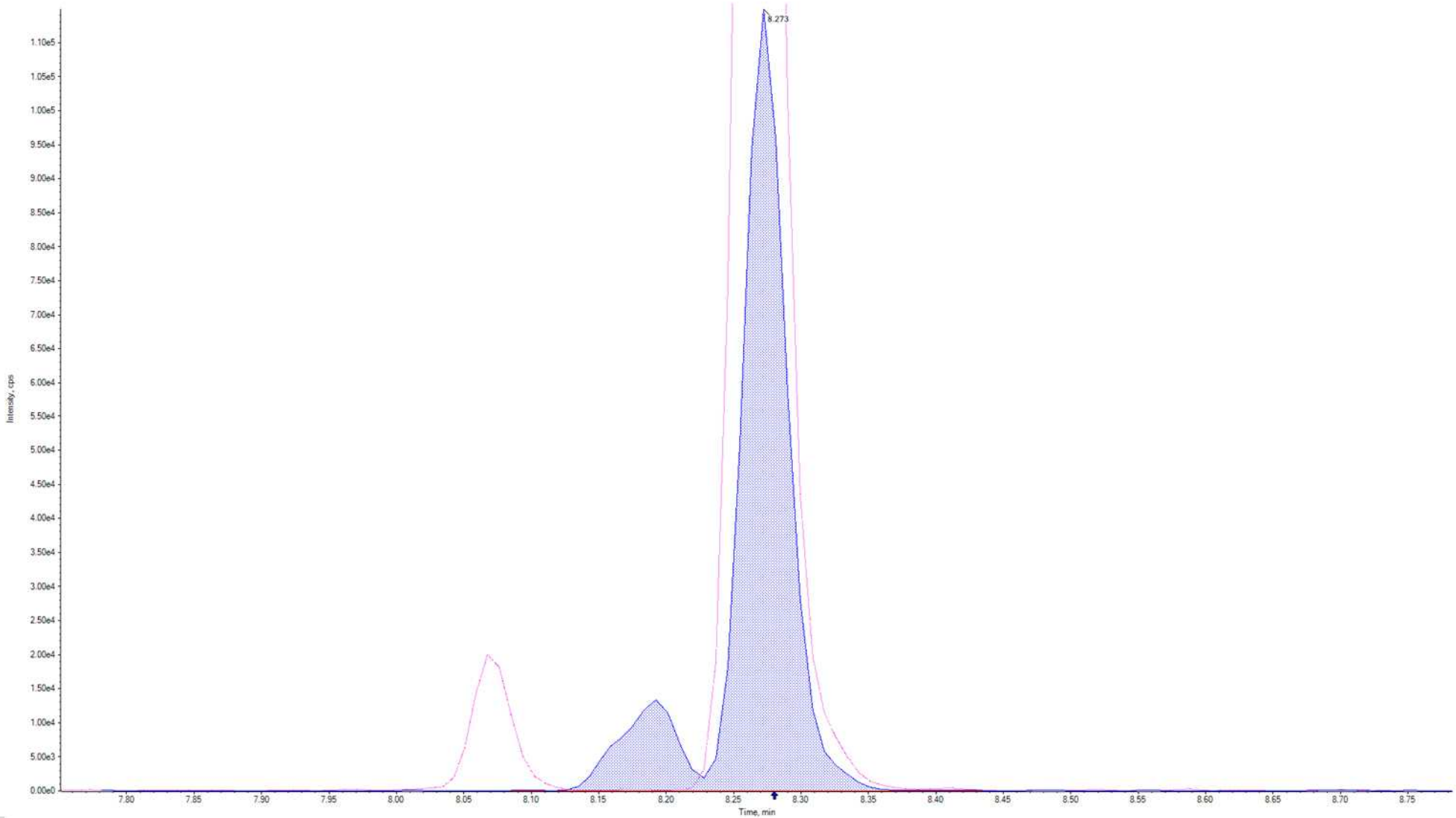
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOS
Sample: IA1633STD-5 S/N:1962.9 Points Across peak:47



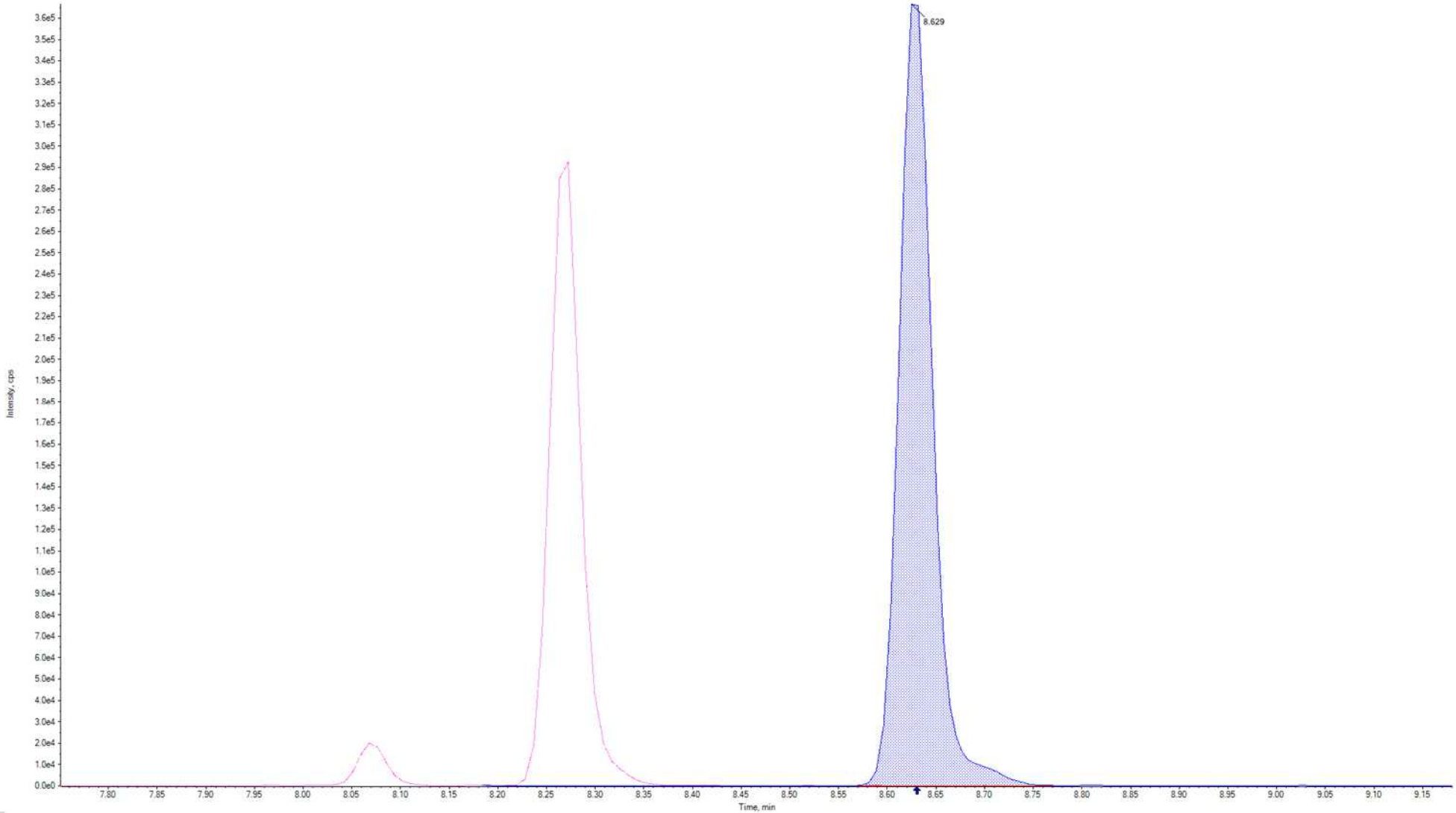
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOS_2
Sample: IA1633STD-5 S/N:1490.1 Points Across peak:46



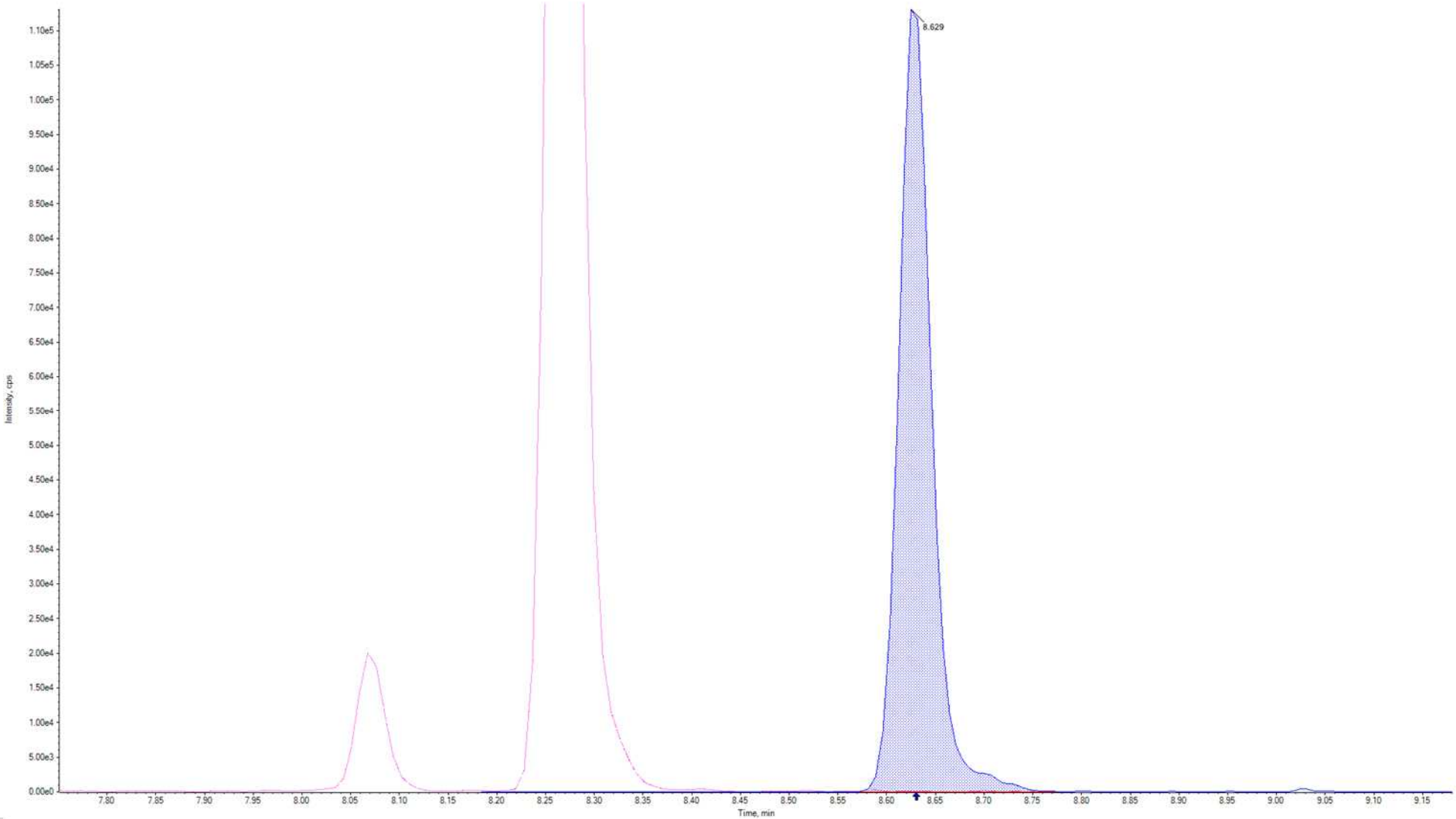
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNS
Sample: IA1633STD-5 S/N:8483.9 Points Across peak:36



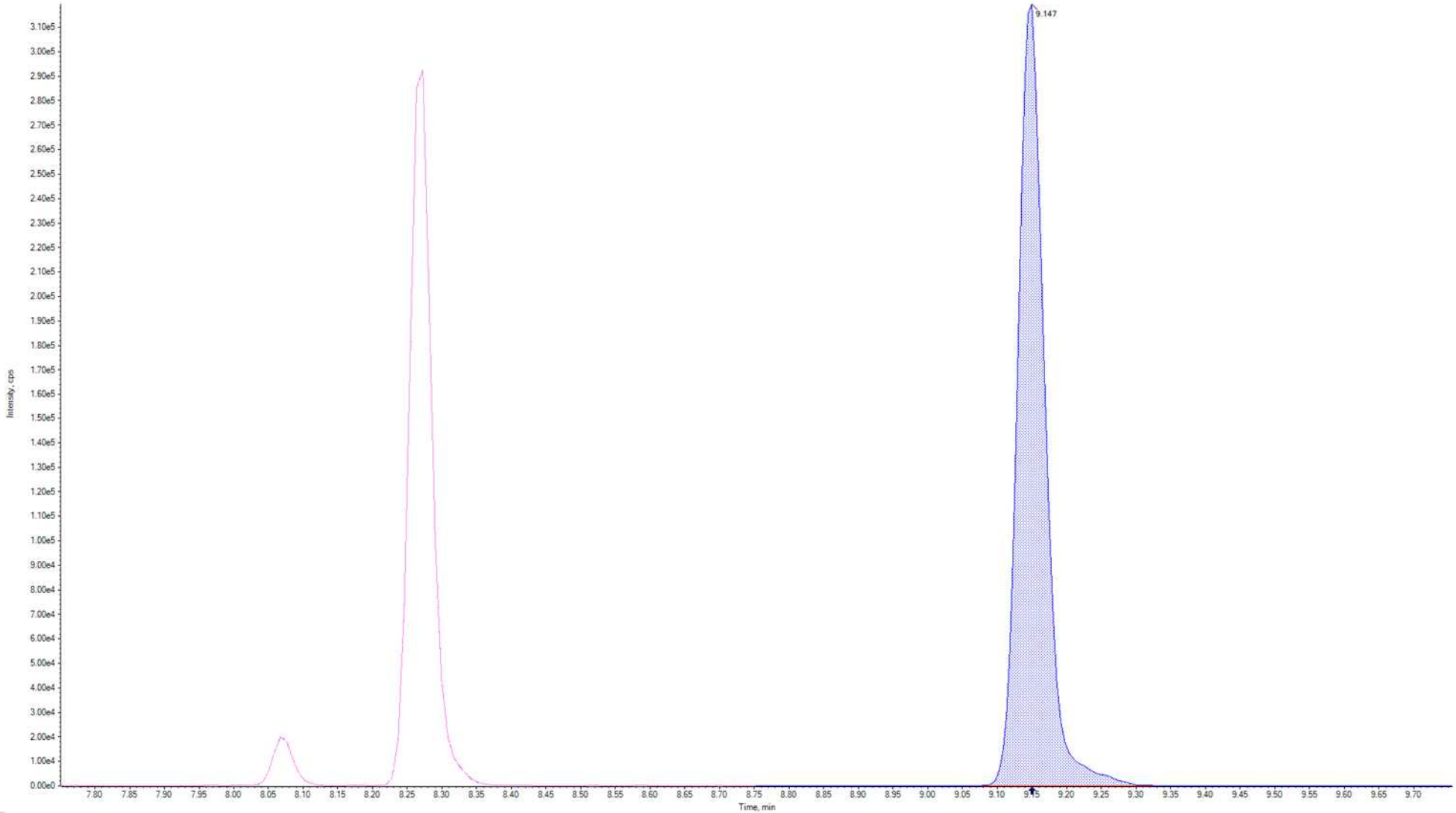
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNS_2
Sample: IA1633STD-5 S/N:16033997.2 Points Across peak:37



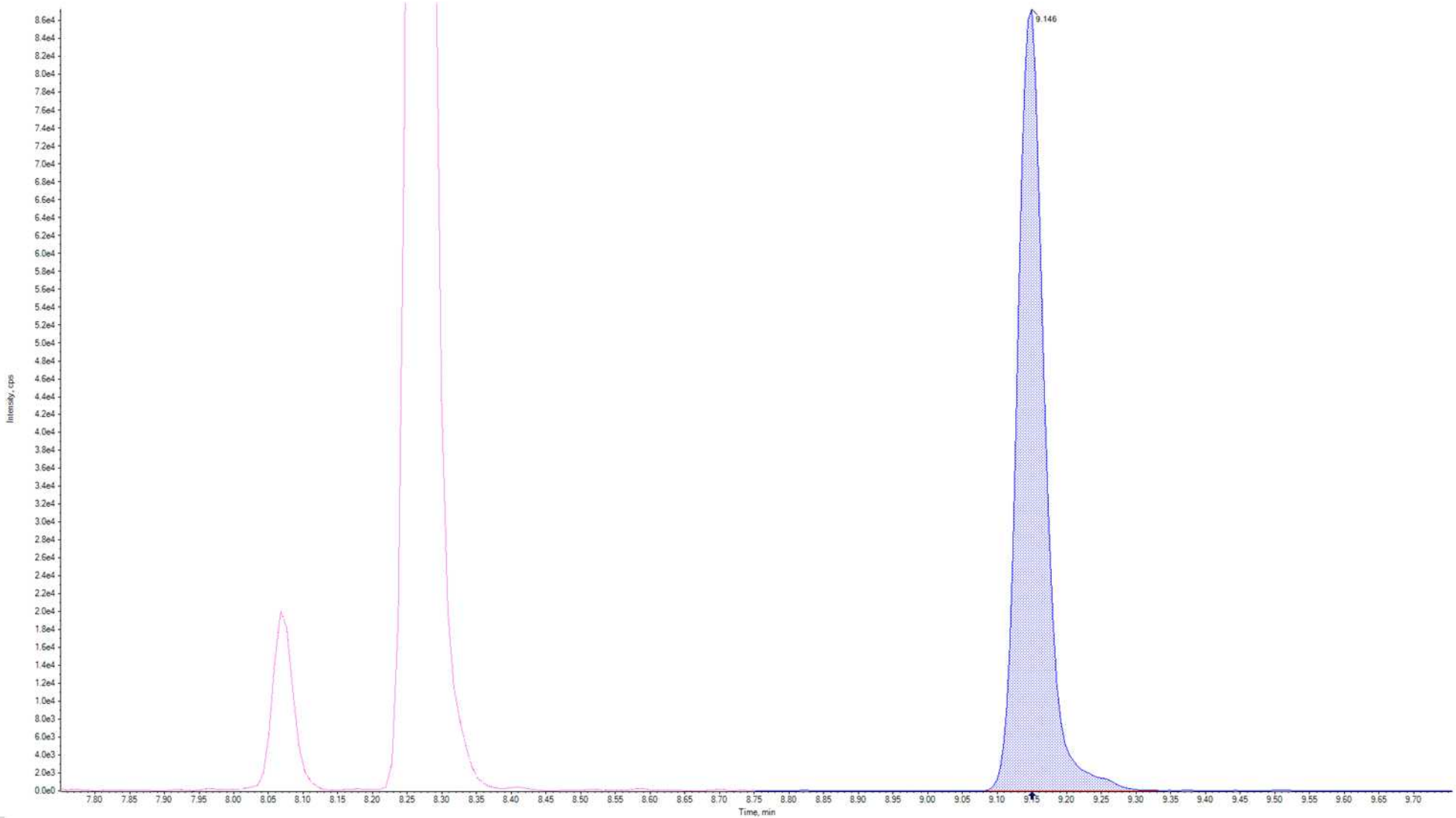
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDS
Sample: IA1633STD-5 S/N:100447.4 Points Across peak:62



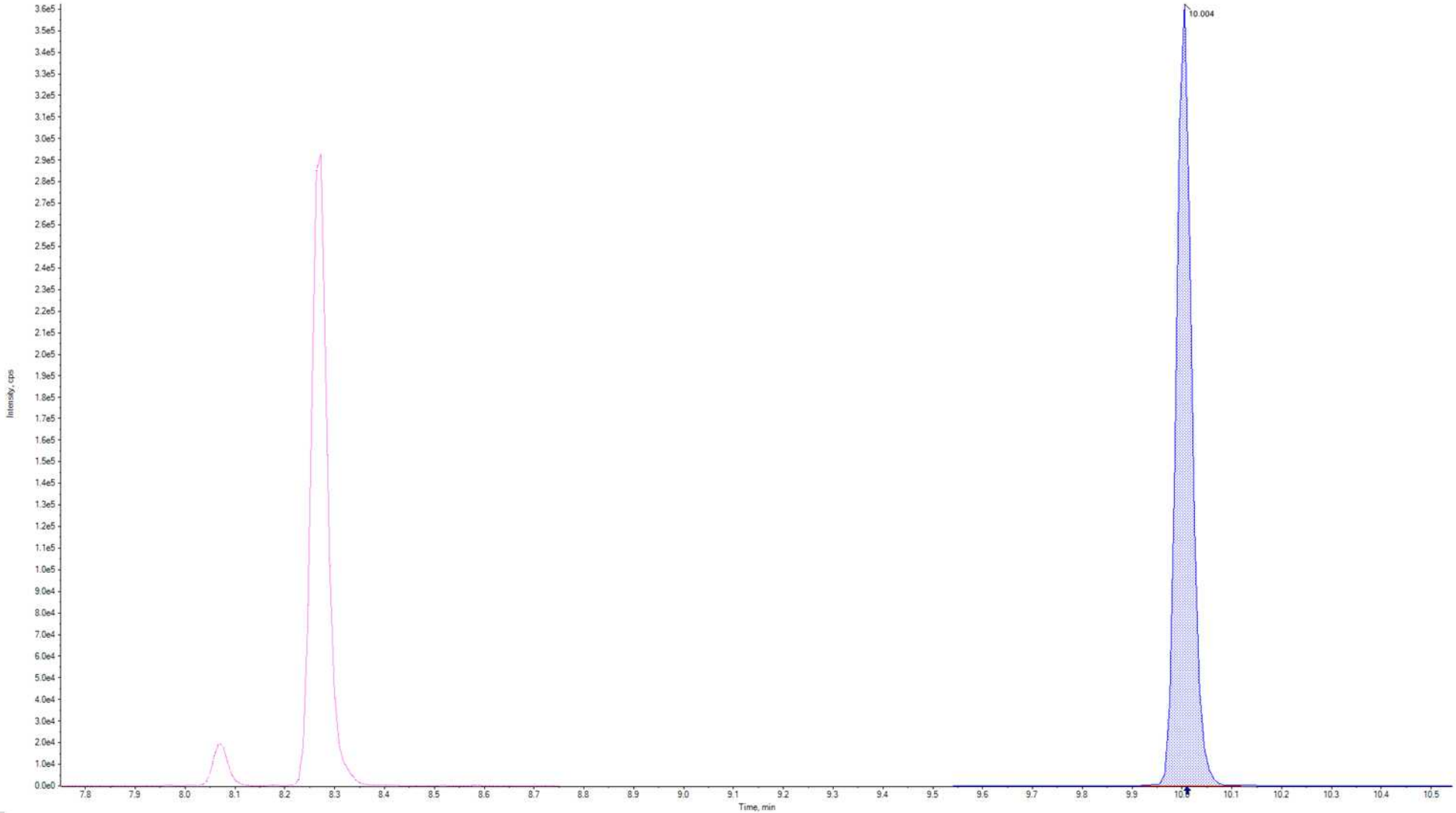
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDS_2
Sample: IA1633STD-5 S/N:308858.1 Points Across peak:49



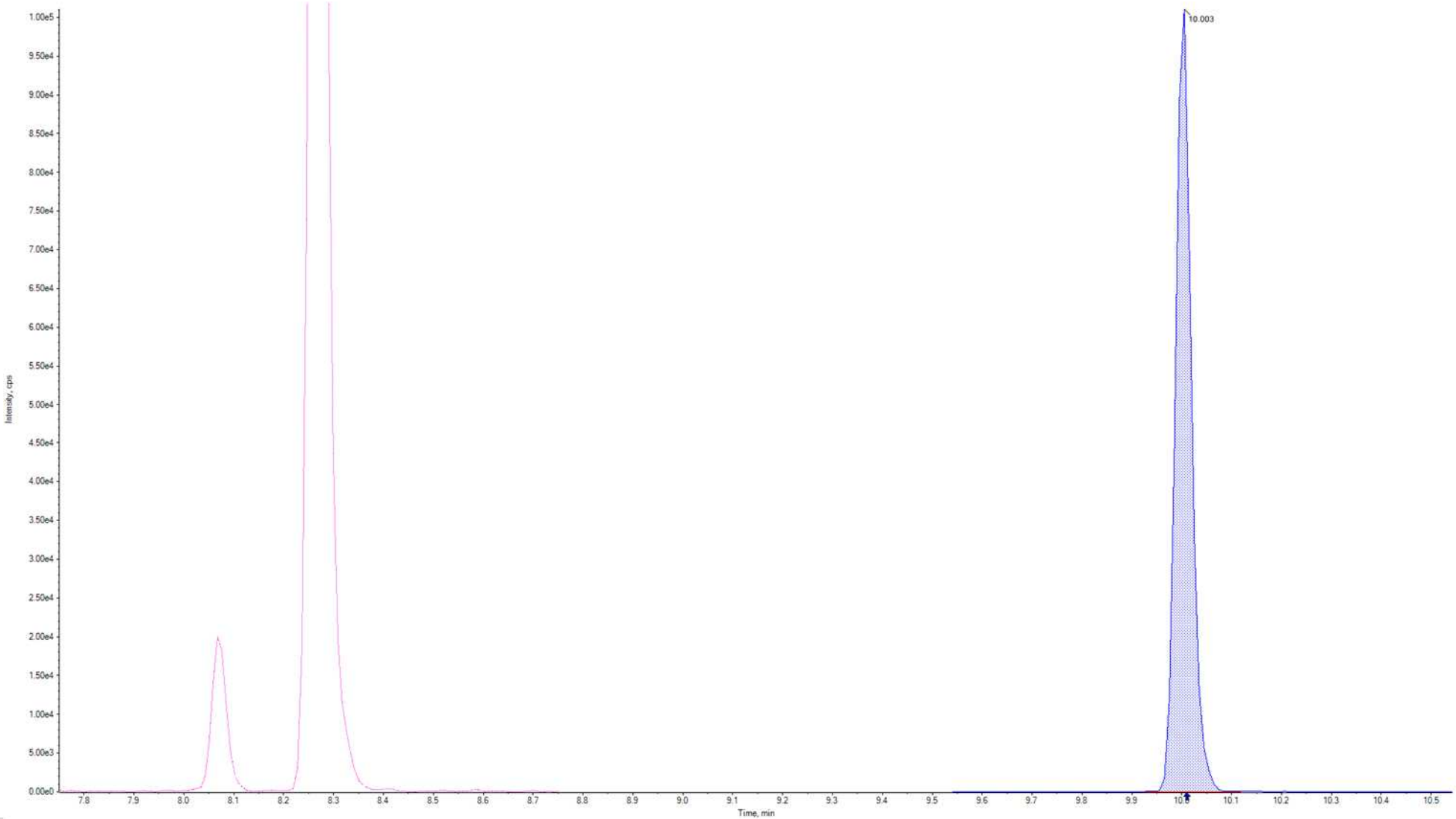
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS
Sample: IA1633STD-5 S/N:184217.7 Points Across peak:27



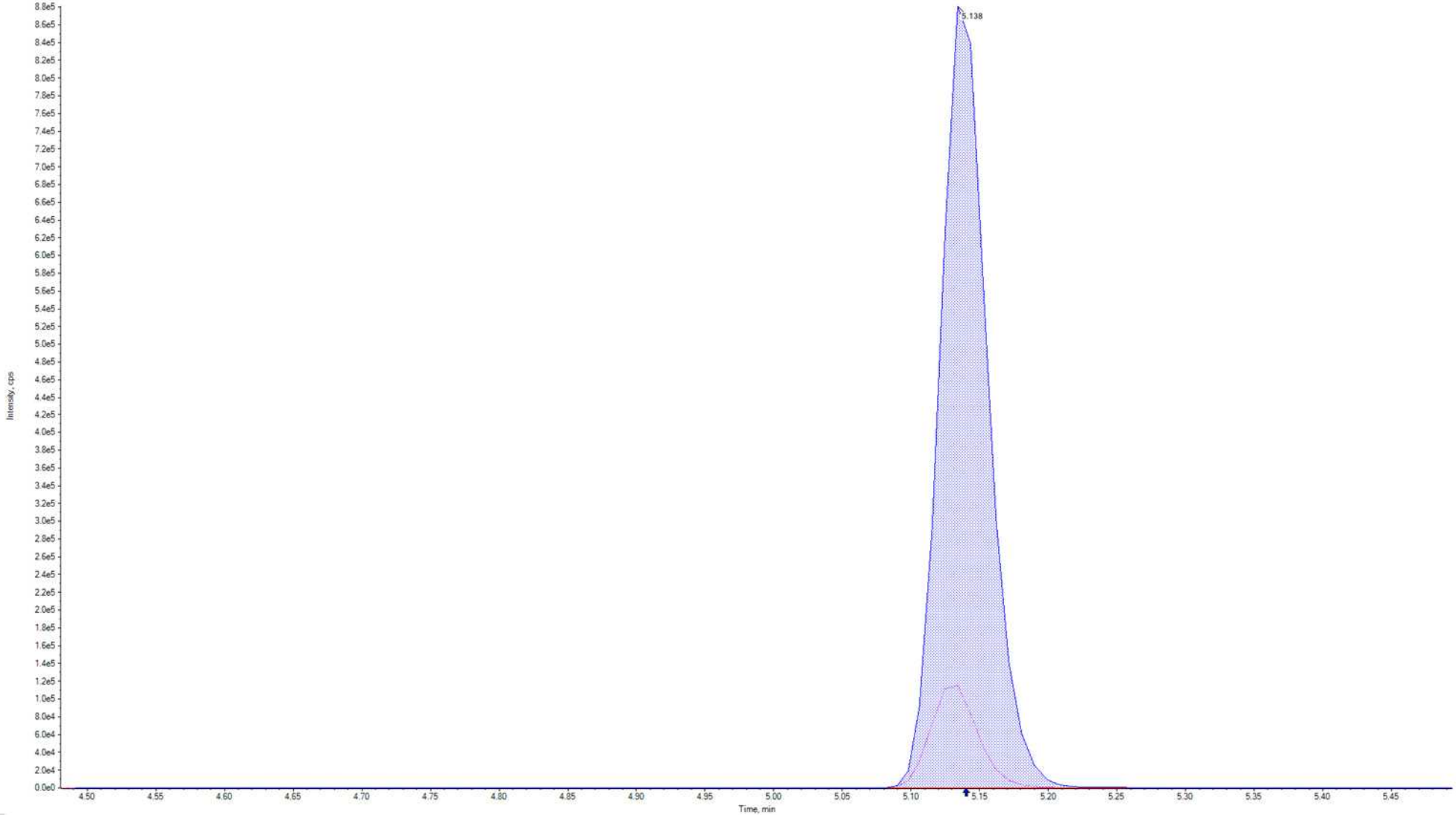
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS_2
Sample: IA1633STD-5 S/N:2620.7 Points Across peak:22



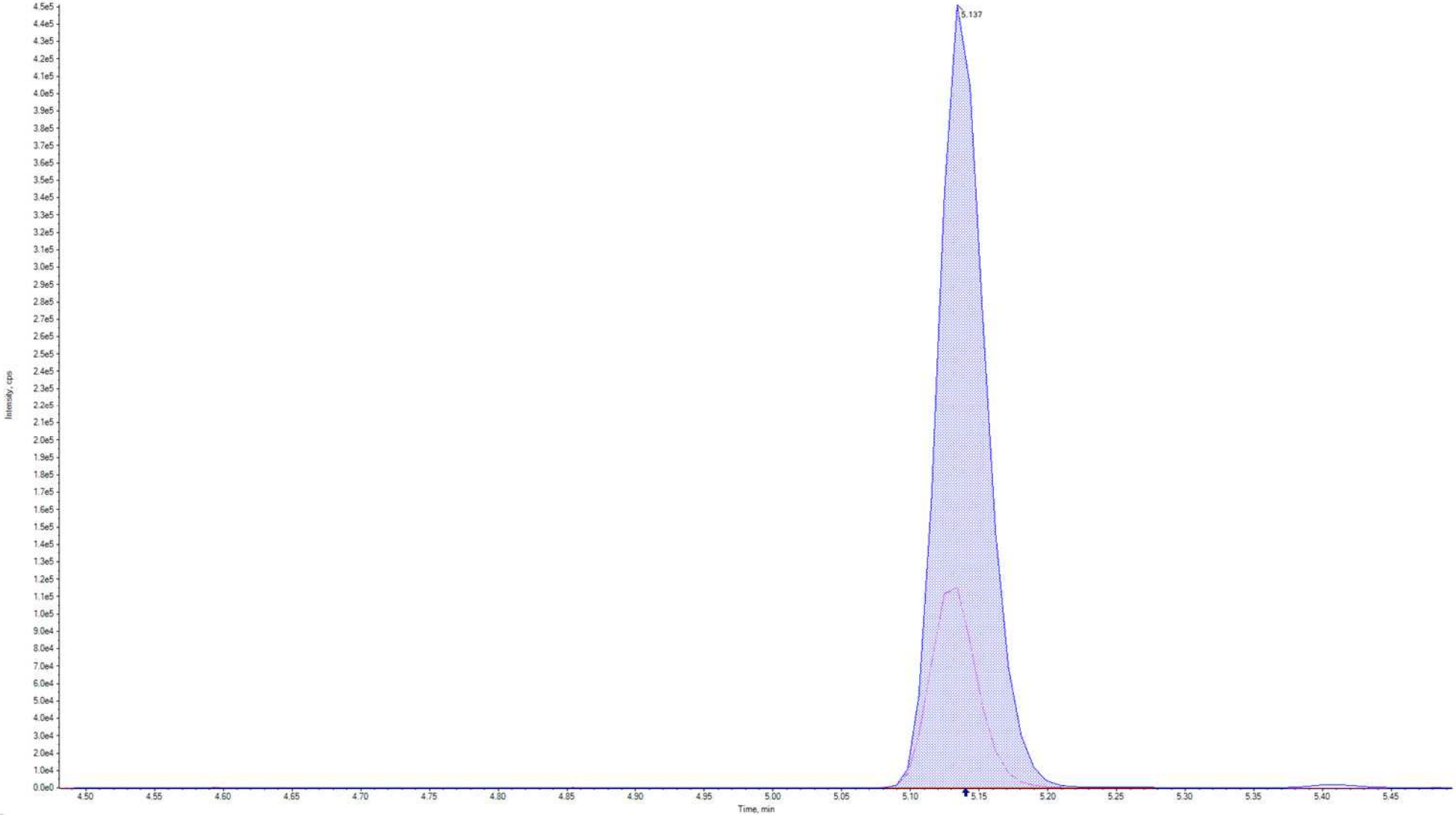
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS
Sample: IA1633STD-5 S/N:4757.6 Points Across peak:24

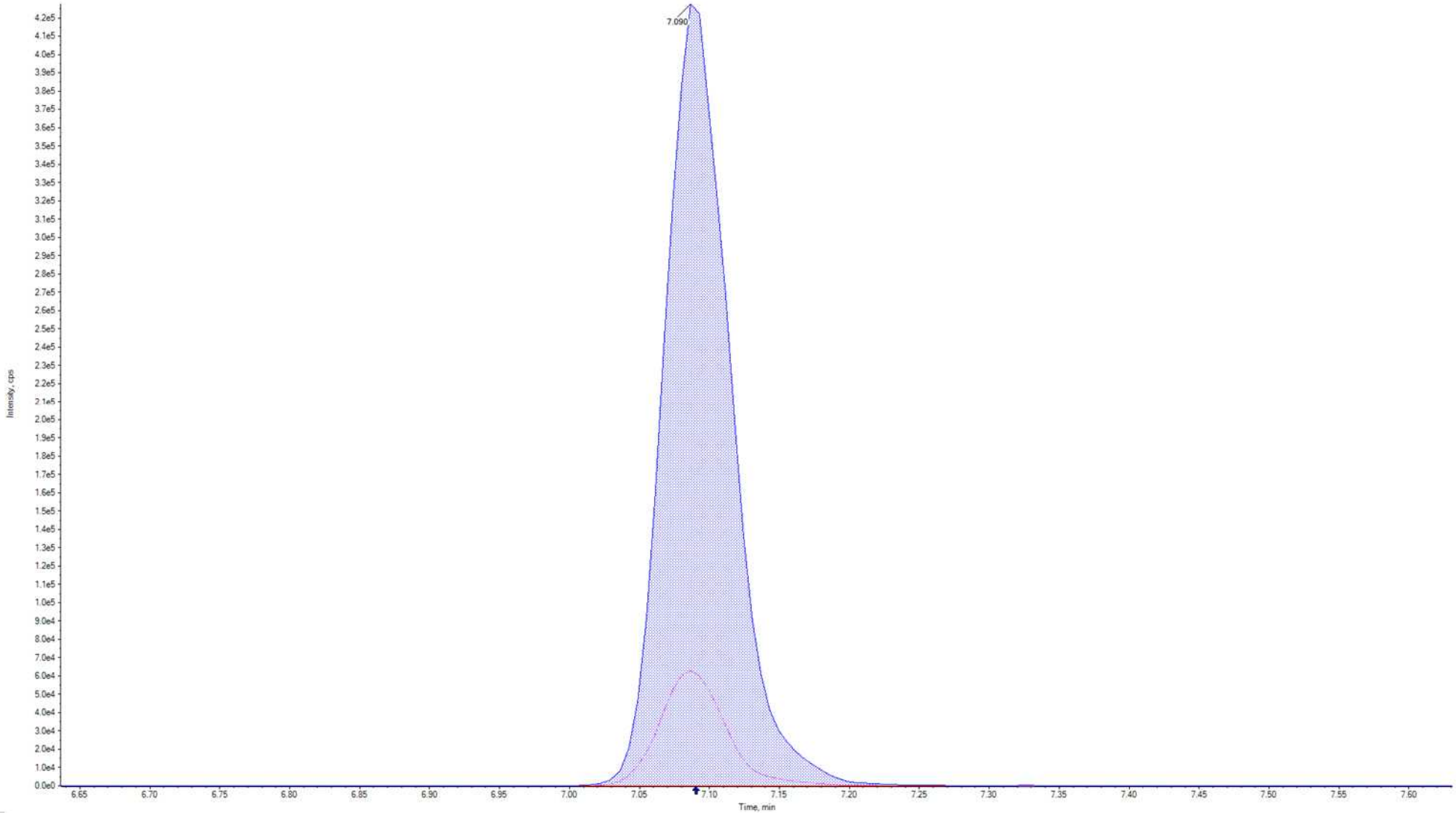


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS_2
Sample: IA1633STD-5 S/N:11366.6 Points Across peak:34

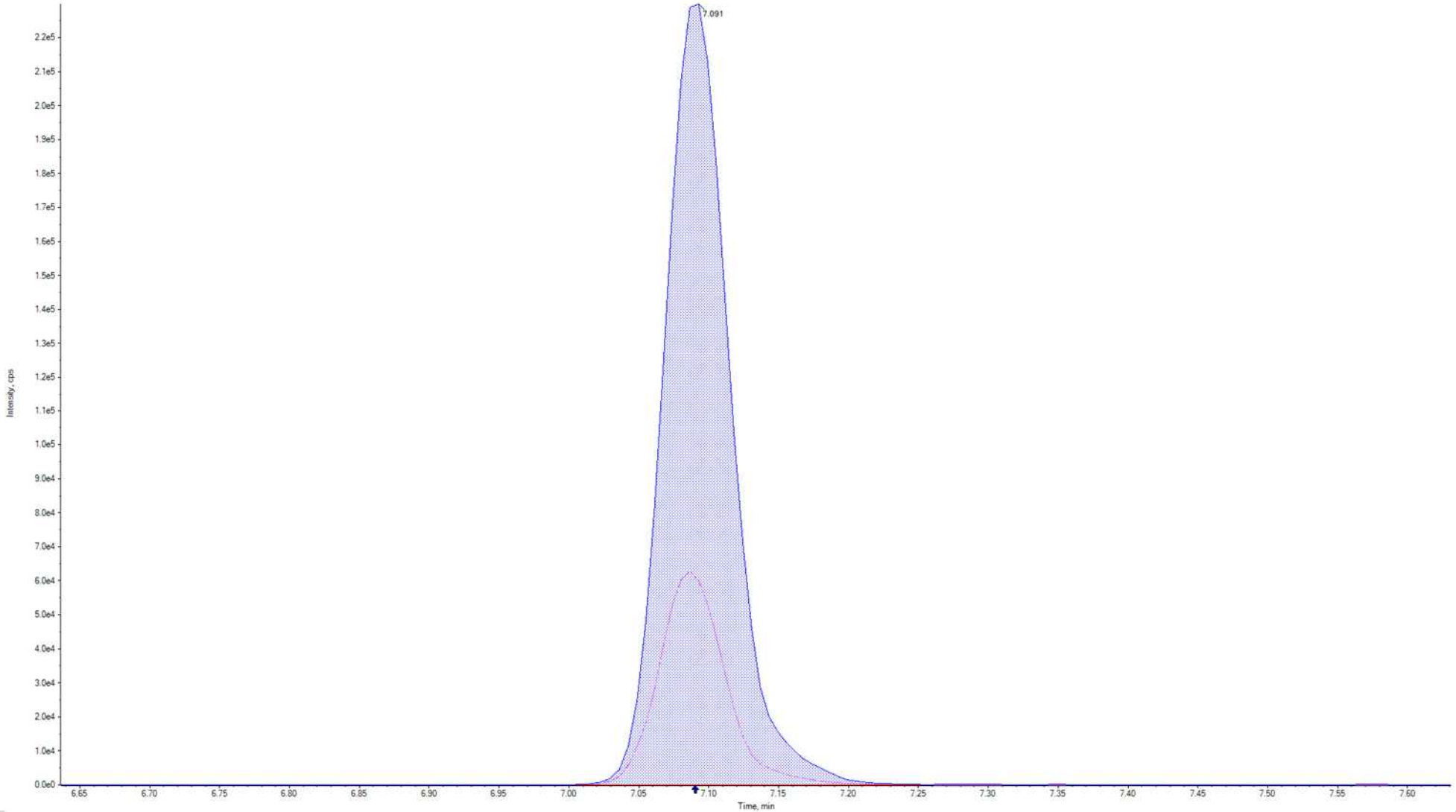


6:2FTS
Sample: IA1633STD-5 S/N:4100891.6 Points Across peak:49



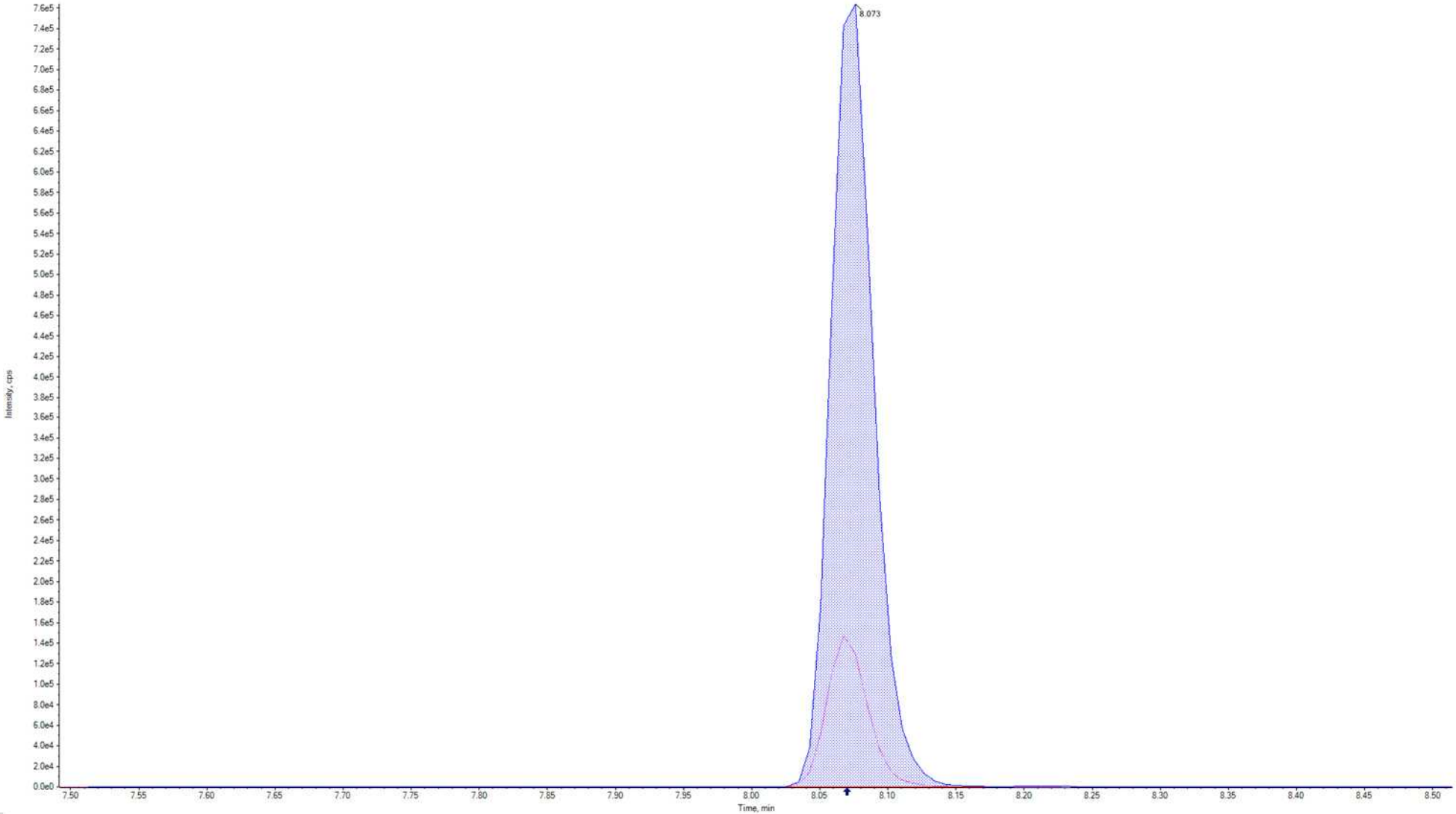
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS_2
Sample: IA1633STD-5 S/N:3317.3 Points Across peak:46



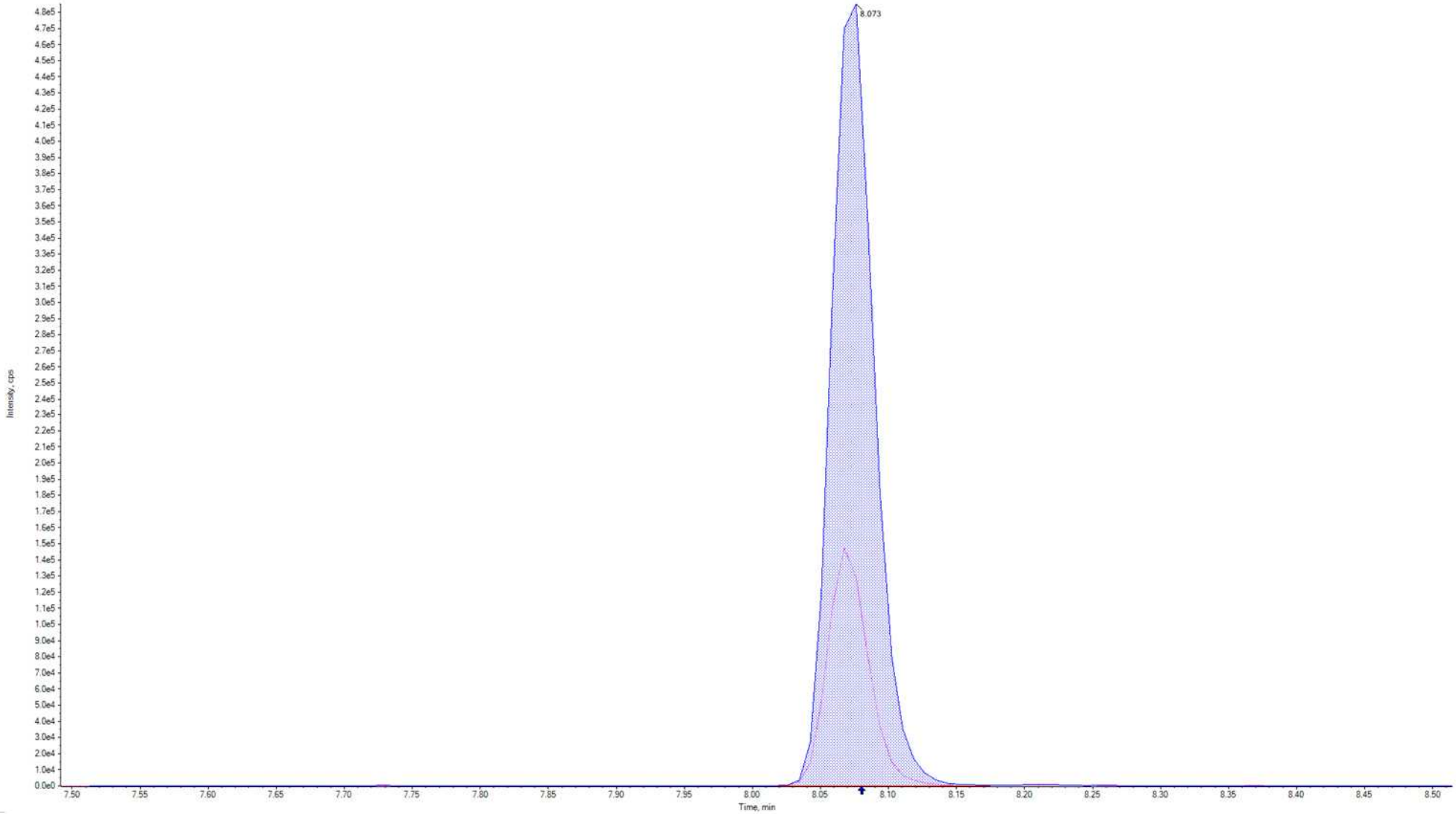
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS
Sample: IA1633STD-5 S/N:5550.3 Points Across peak:27



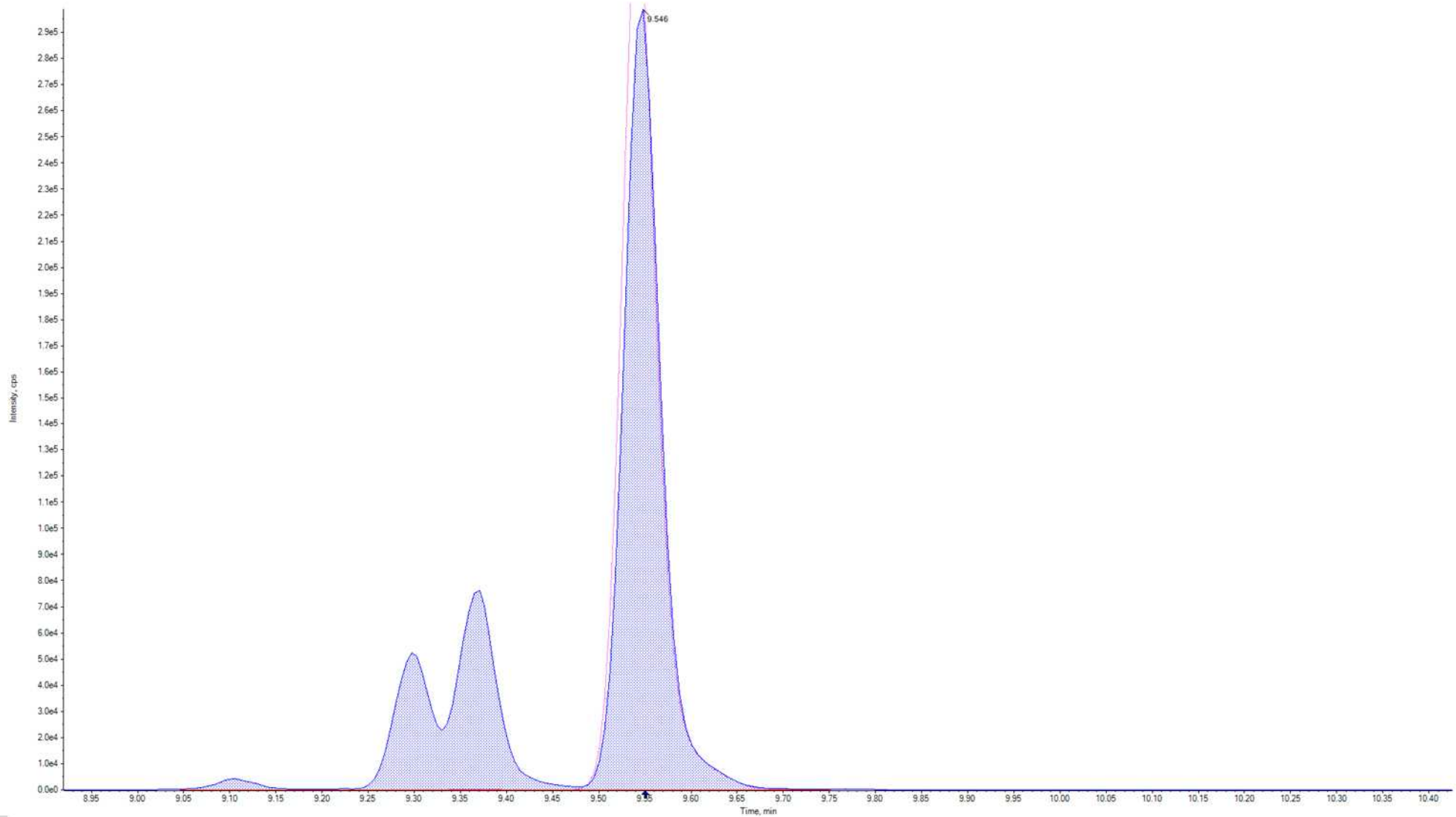
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS_2
Sample: IA1633STD-5 S/N:2714.7 Points Across peak:23



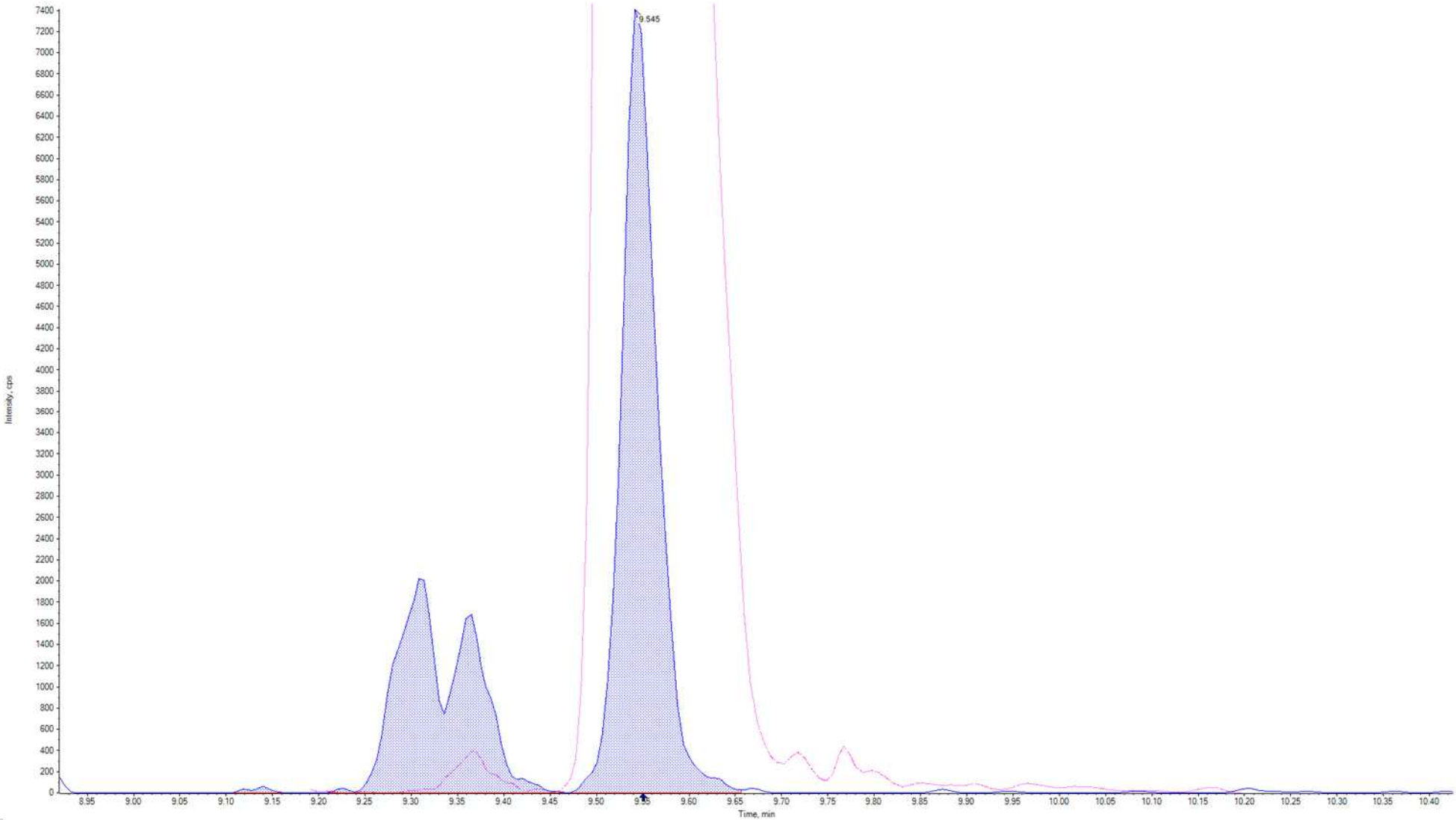
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA
Sample: IA1633STD-5 S/N:2974030.6 Points Across peak:123



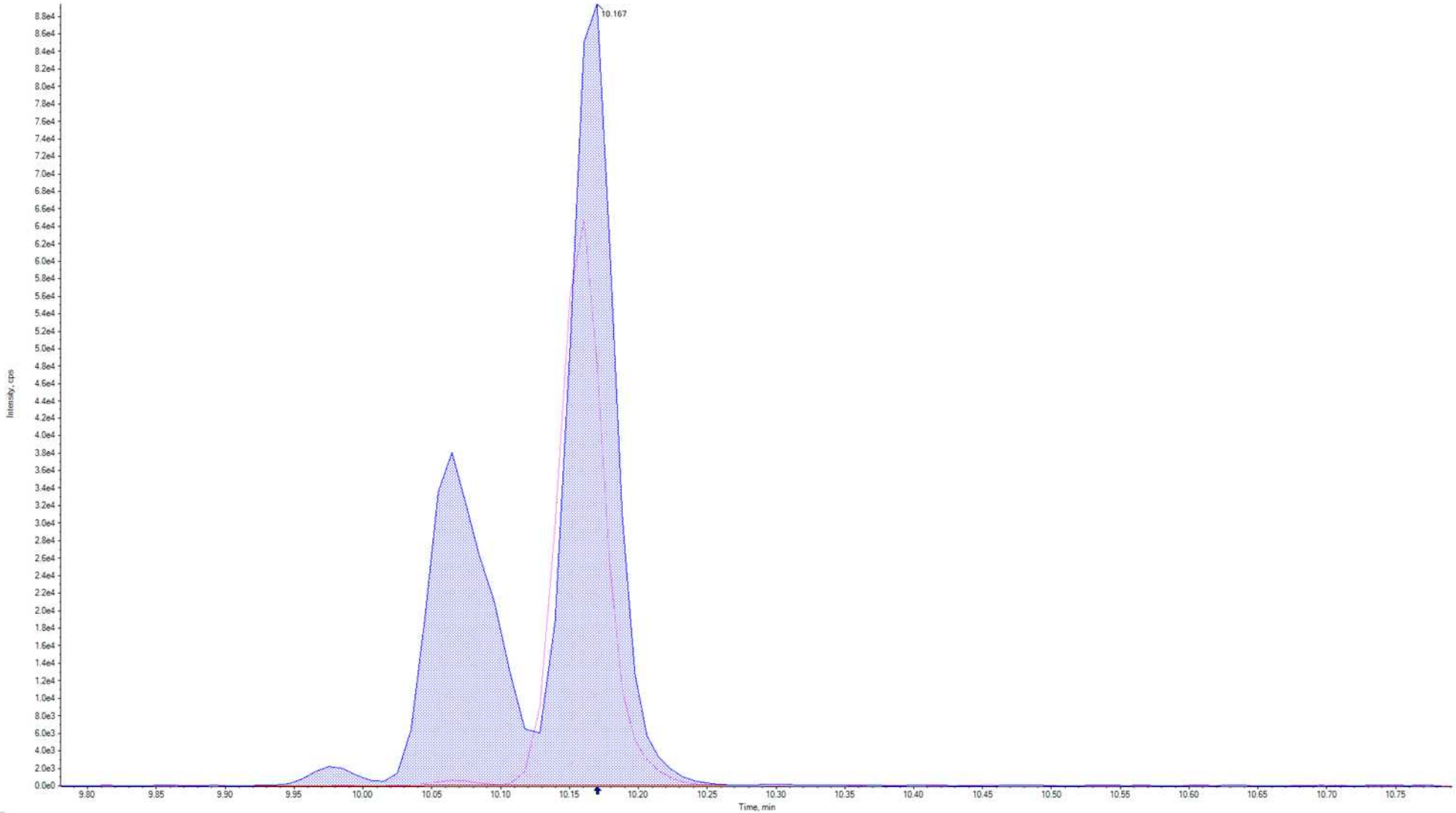
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA_2
Sample: IA1633STD-5 S/N:901.1 Points Across peak:97



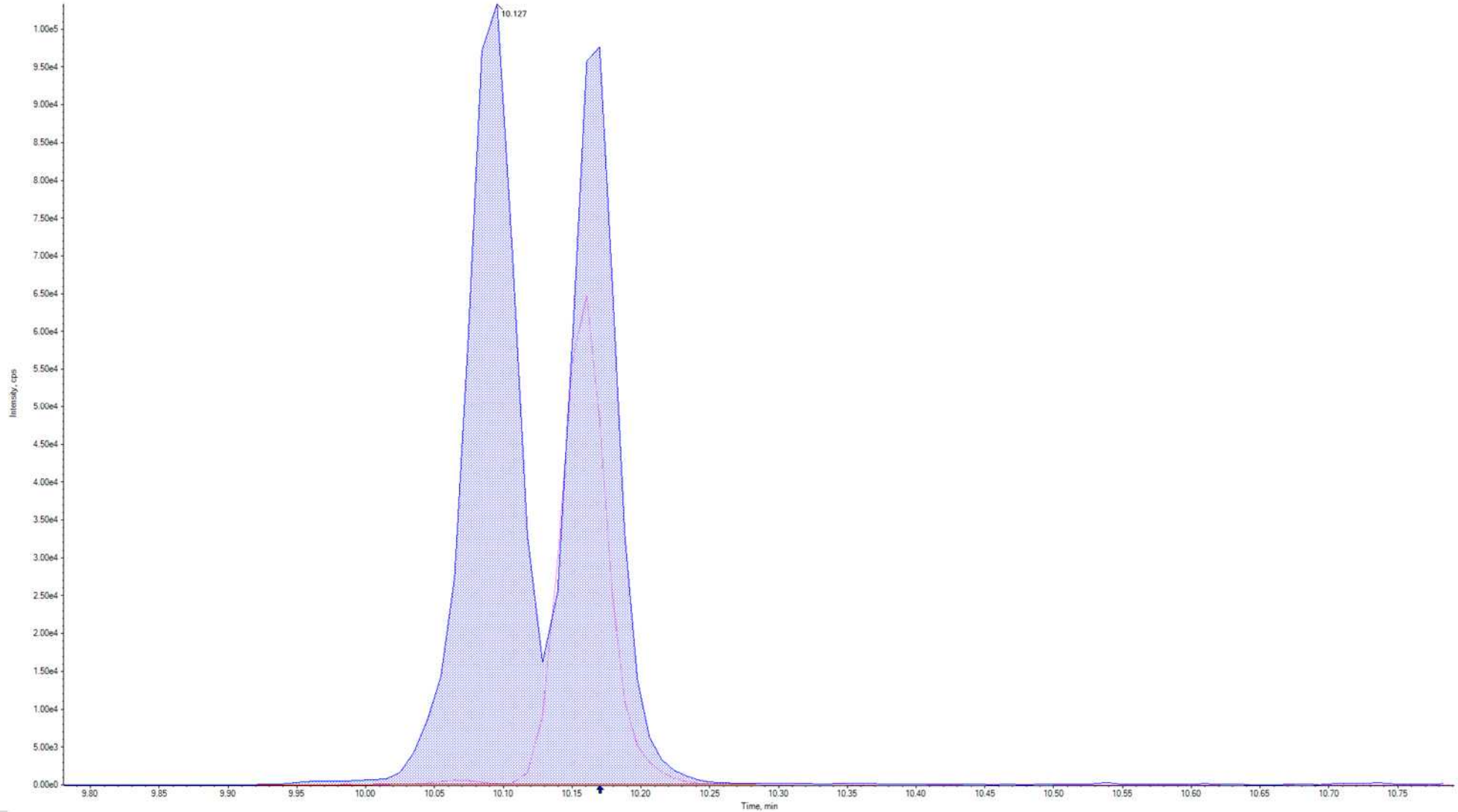
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA
Sample: IA1633STD-5 S/N:11132.5 Points Across peak:39



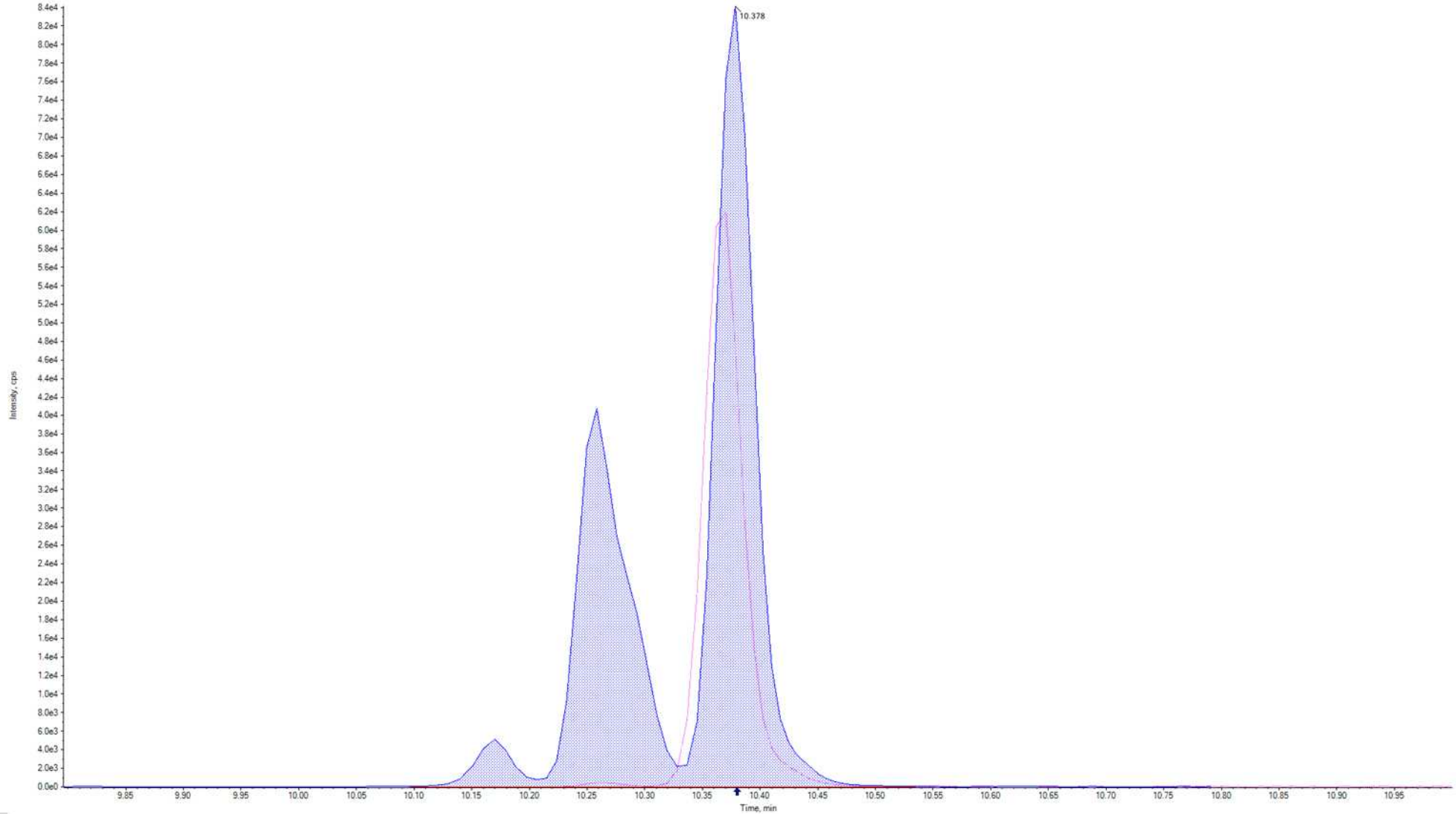
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA_2
Sample: IA1633STD-5 S/N:15941.5 Points Across peak:40



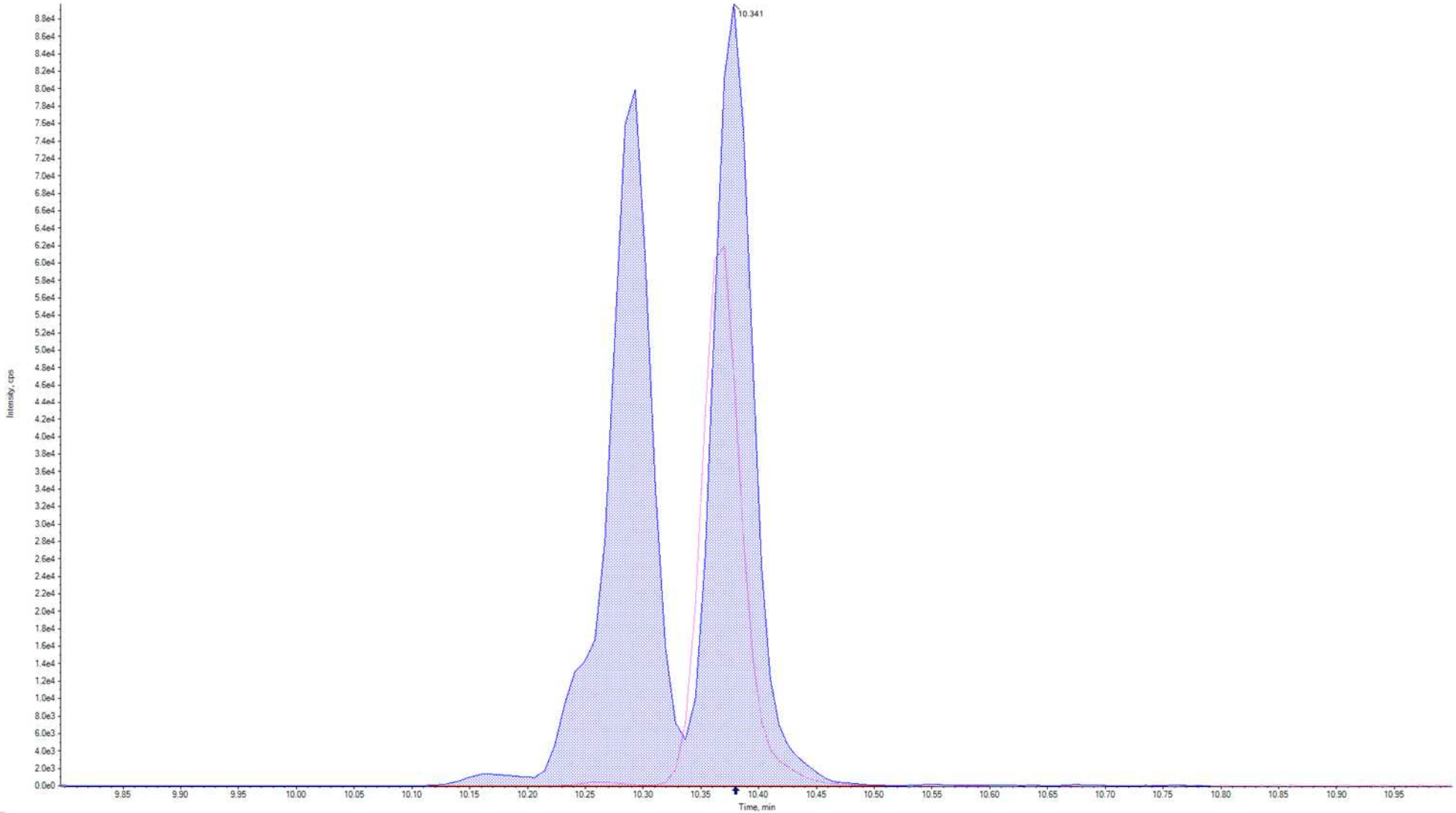
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA
Sample: IA1633STD-5 S/N:9106040.8 Points Across peak:55



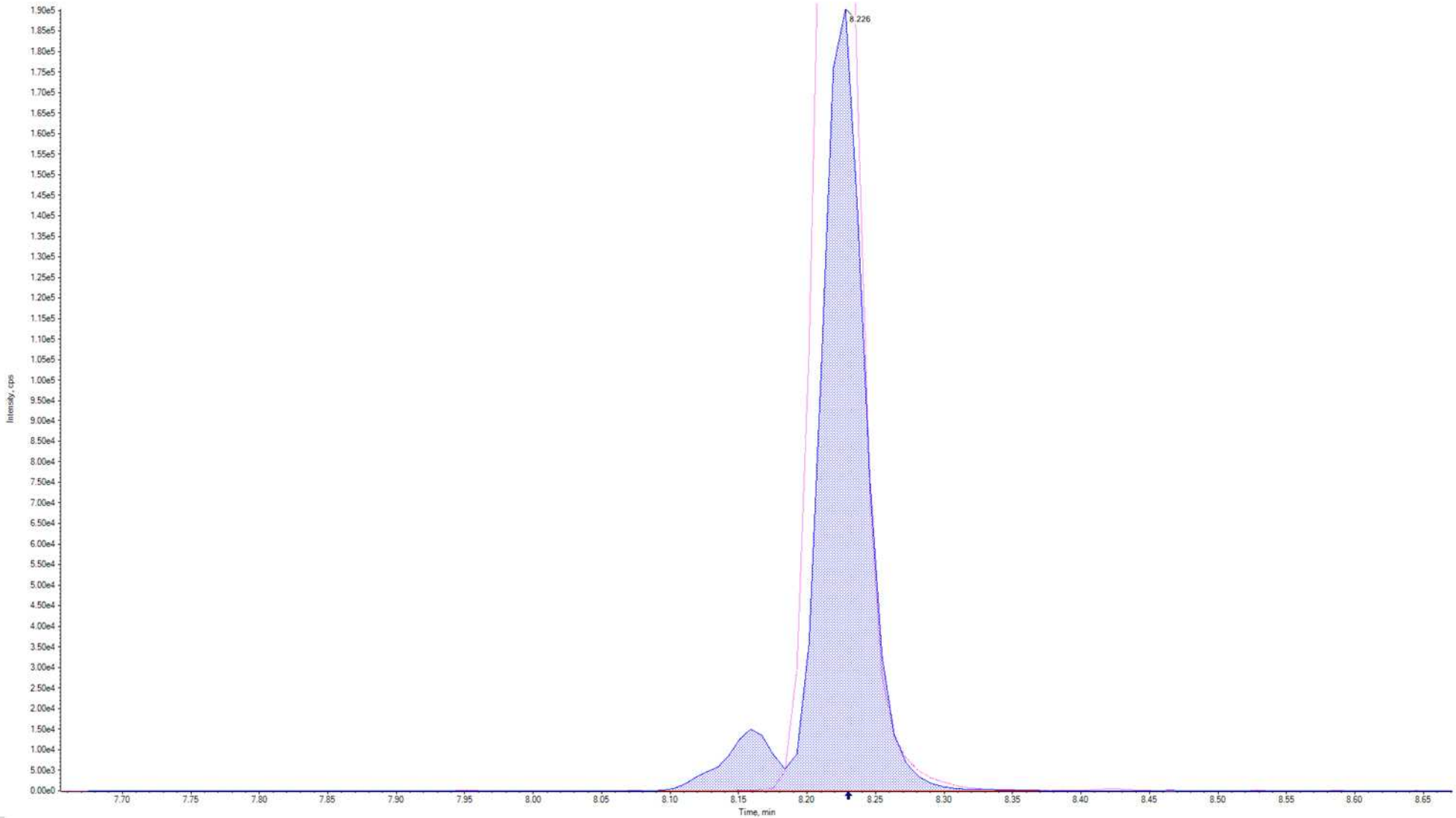
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA_2
Sample: IA1633STD-5 S/N:15134.1 Points Across peak:51



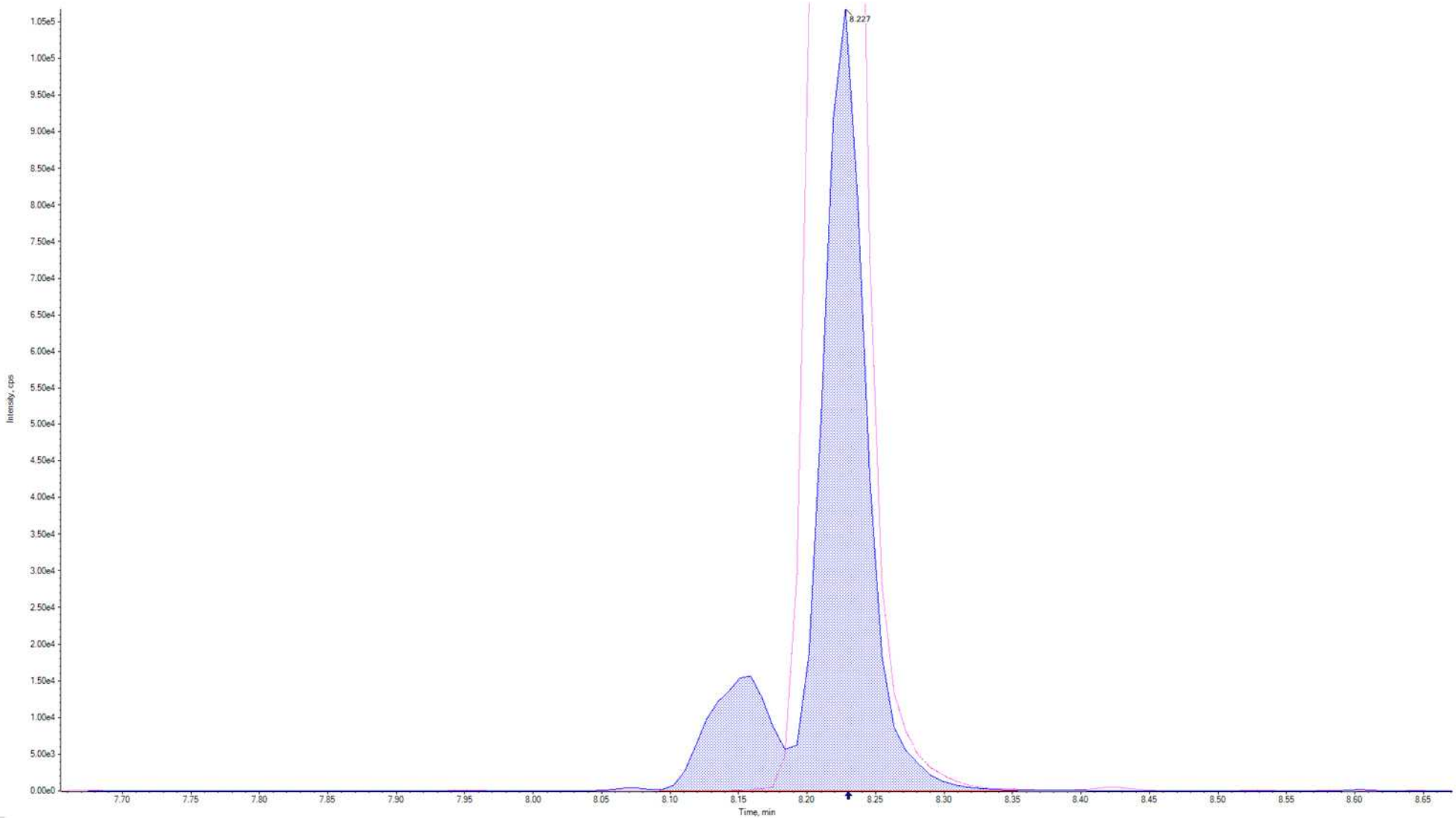
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA
Sample: IA1633STD-5 S/N:2089.9 Points Across peak:40



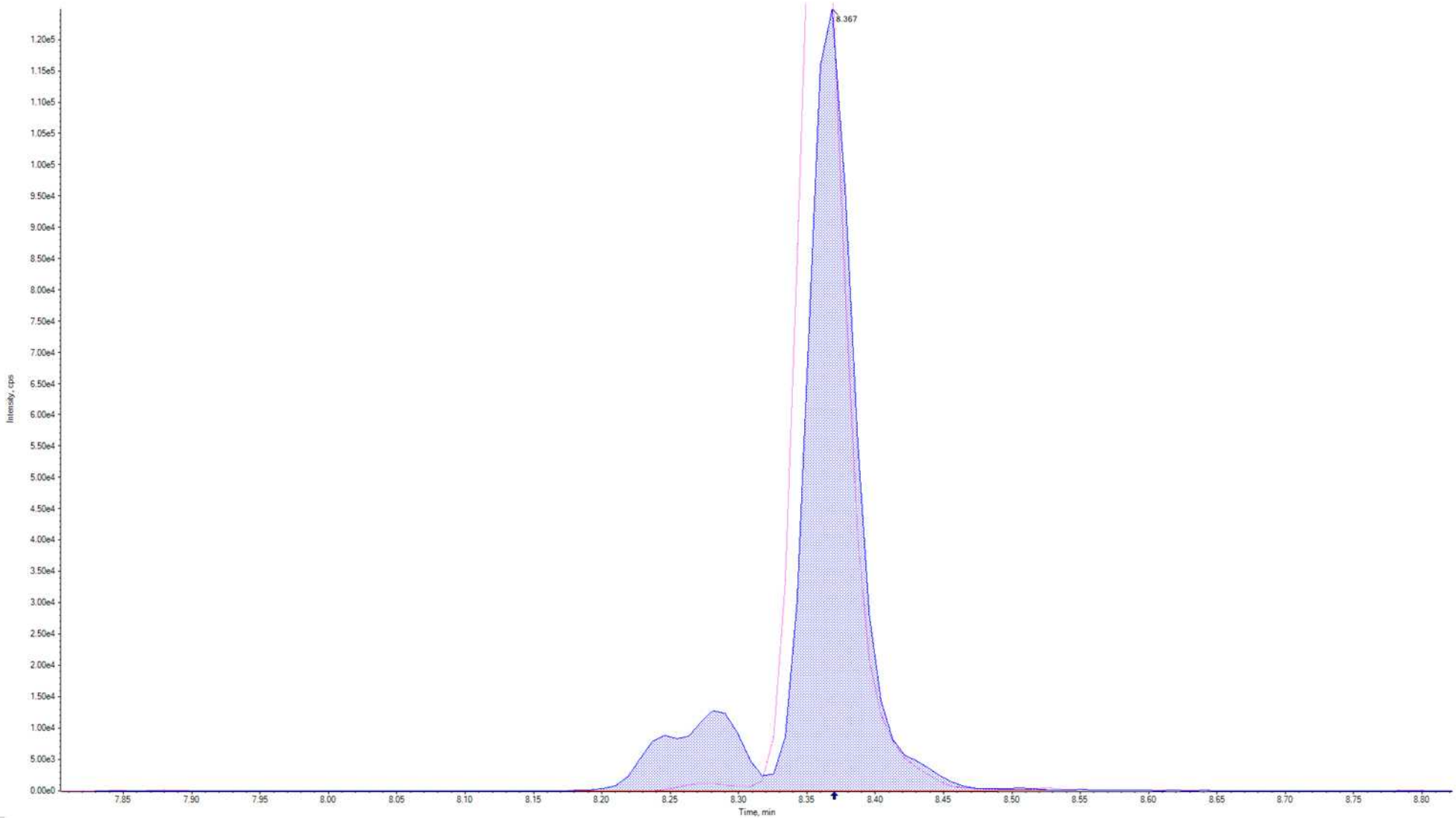
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA_2
Sample: IA1633STD-5 S/N:882.3 Points Across peak:33



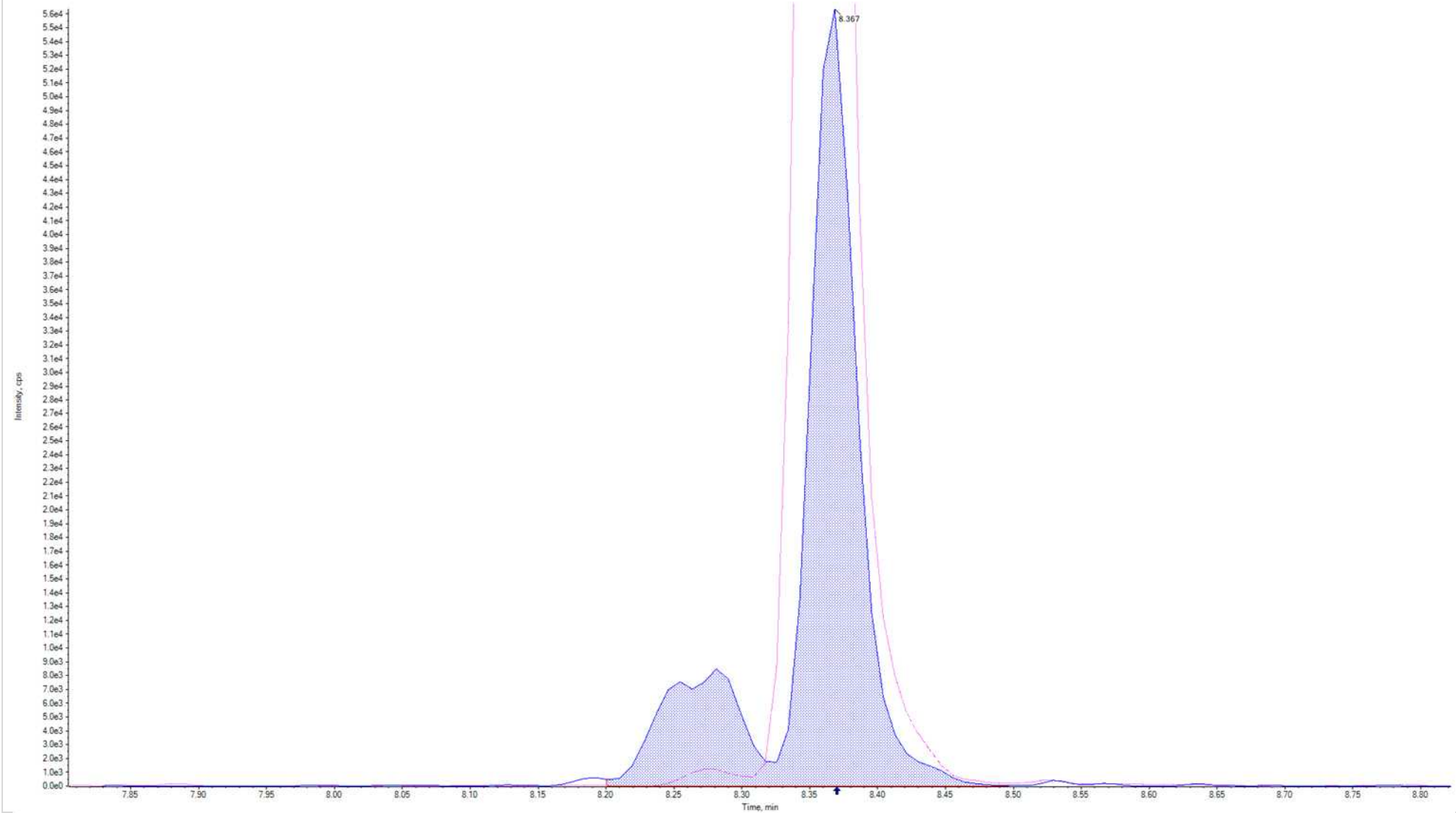
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA
Sample: IA1633STD-5 S/N:888.7 Points Across peak:46



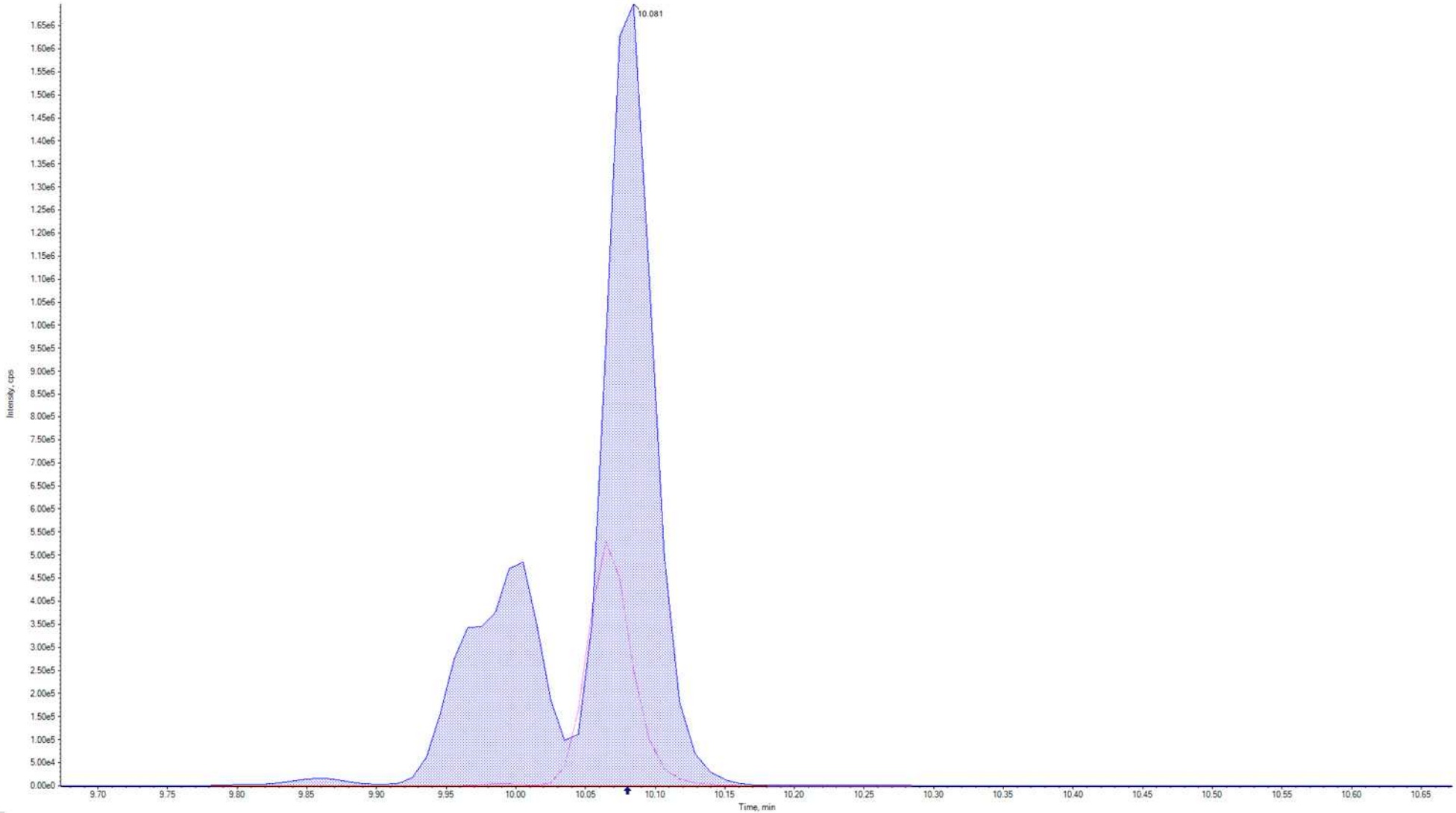
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA_2
Sample: IA1633STD-5 S/N:557.0 Points Across peak:36



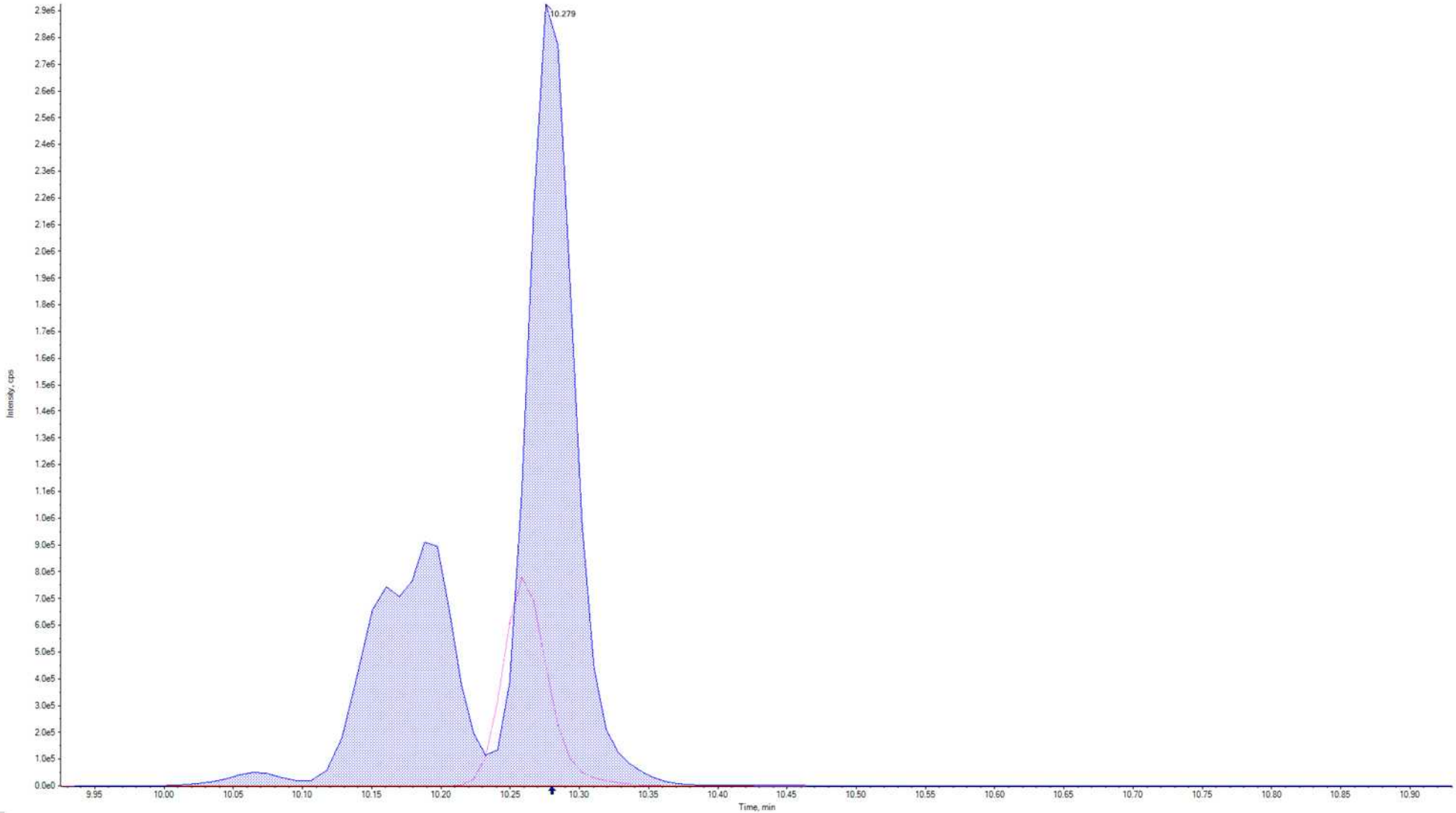
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSE
Sample: IA1633STD-5 S/N:17396.6 Points Across peak:47



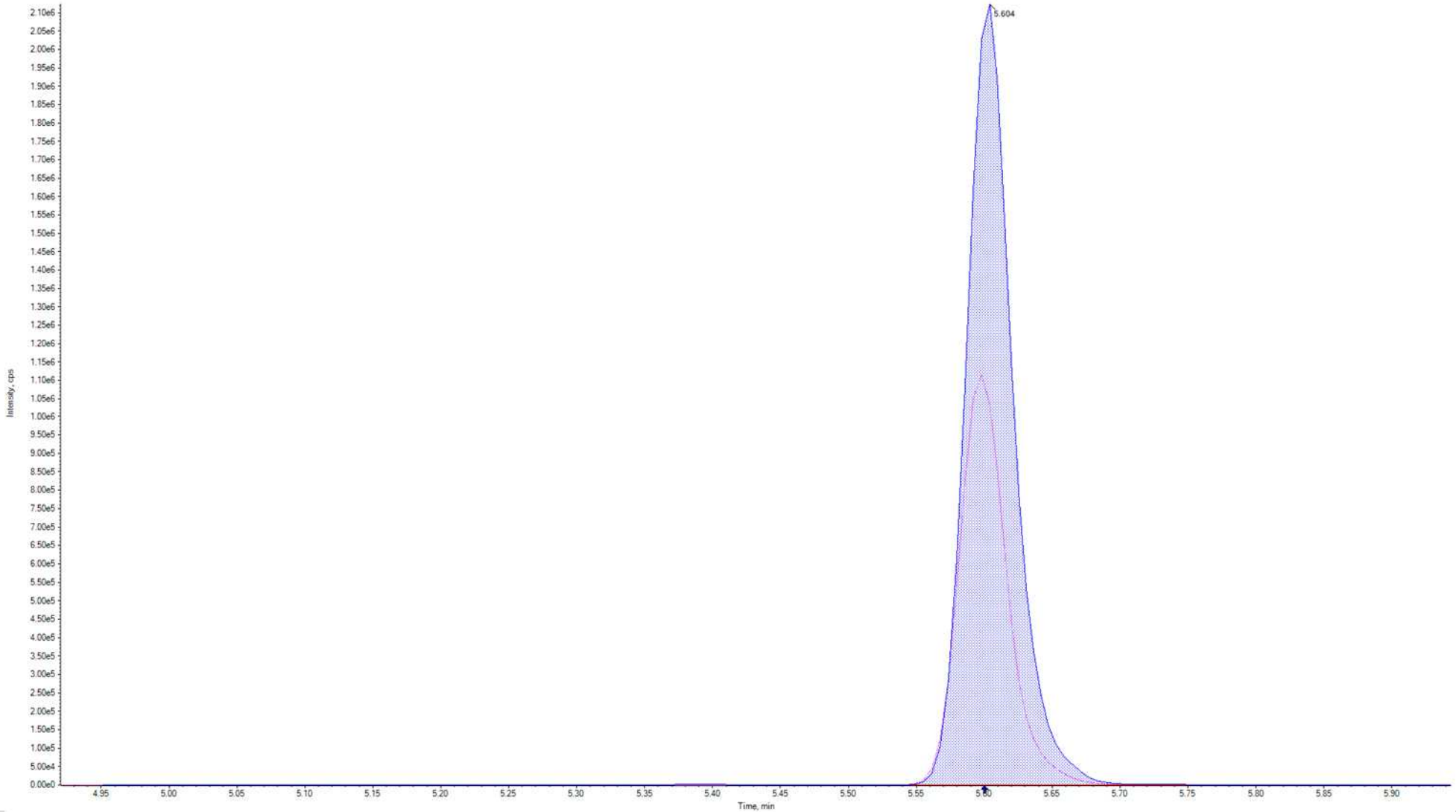
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSE
Sample: IA1633STD-5 S/N:4692.8 Points Across peak:51



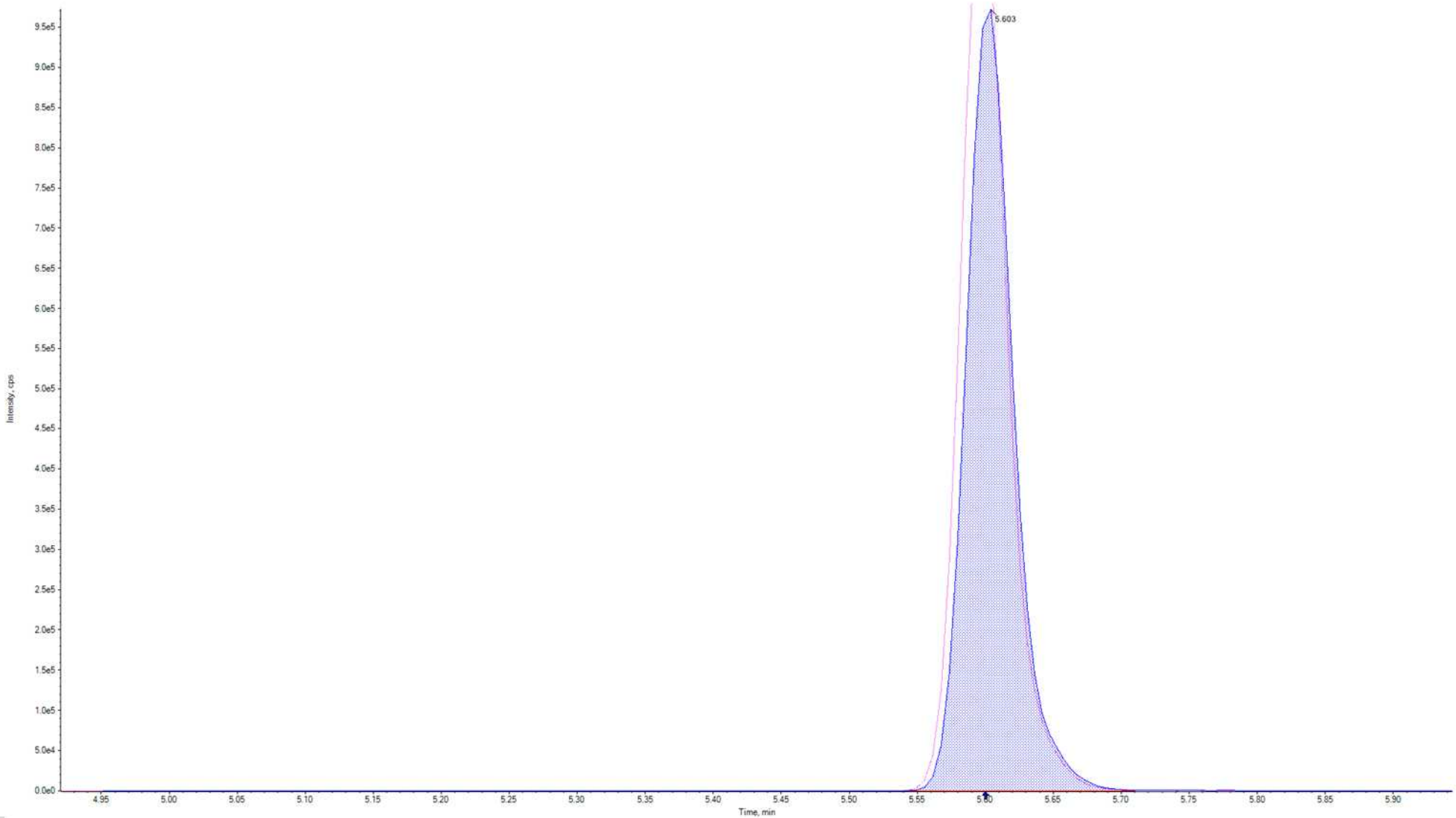
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA
Sample: IA1633STD-5 S/N:27944.1 Points Across peak:56



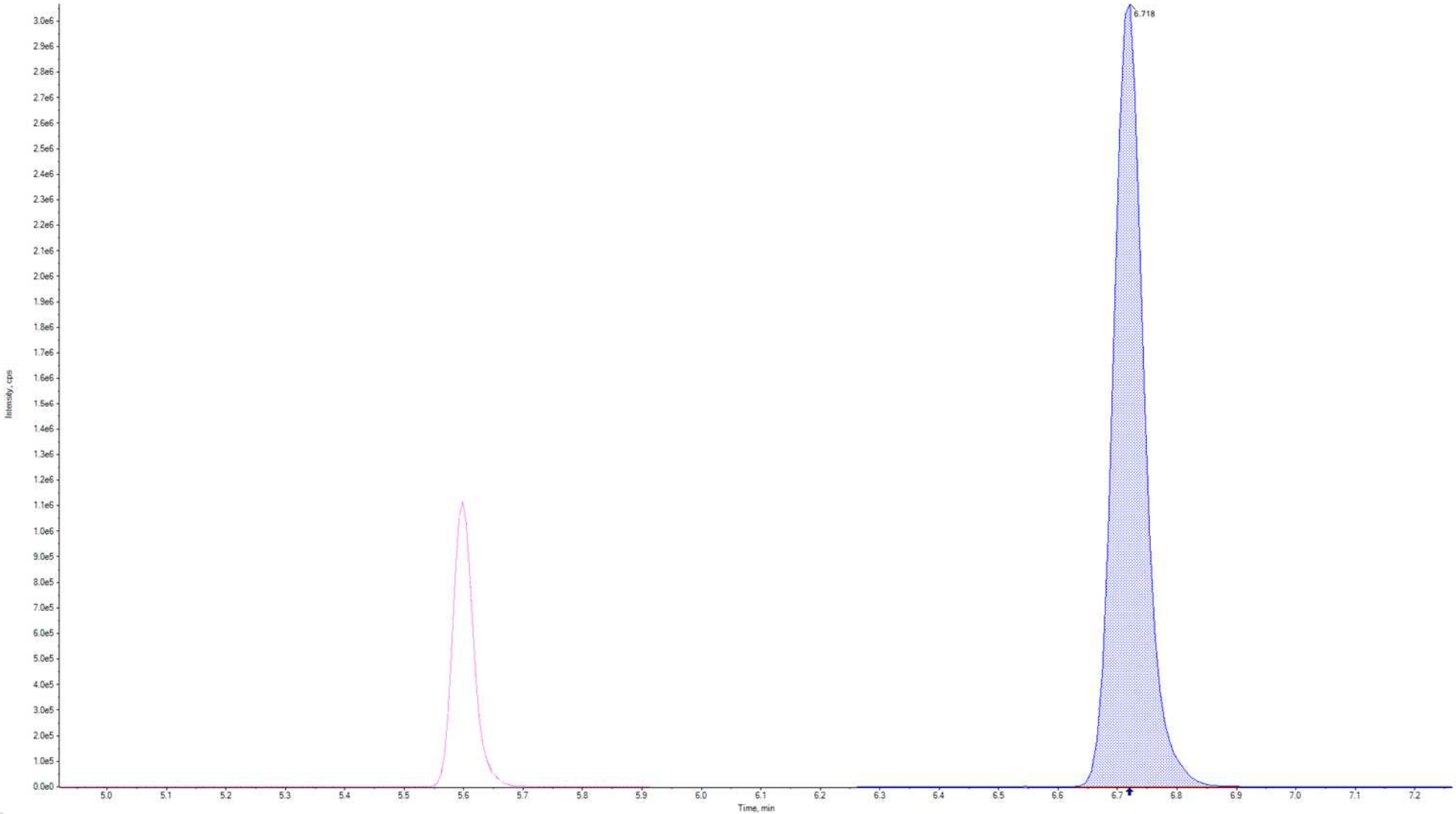
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA_2
Sample: IA1633STD-5 S/N:6642.1 Points Across peak:36



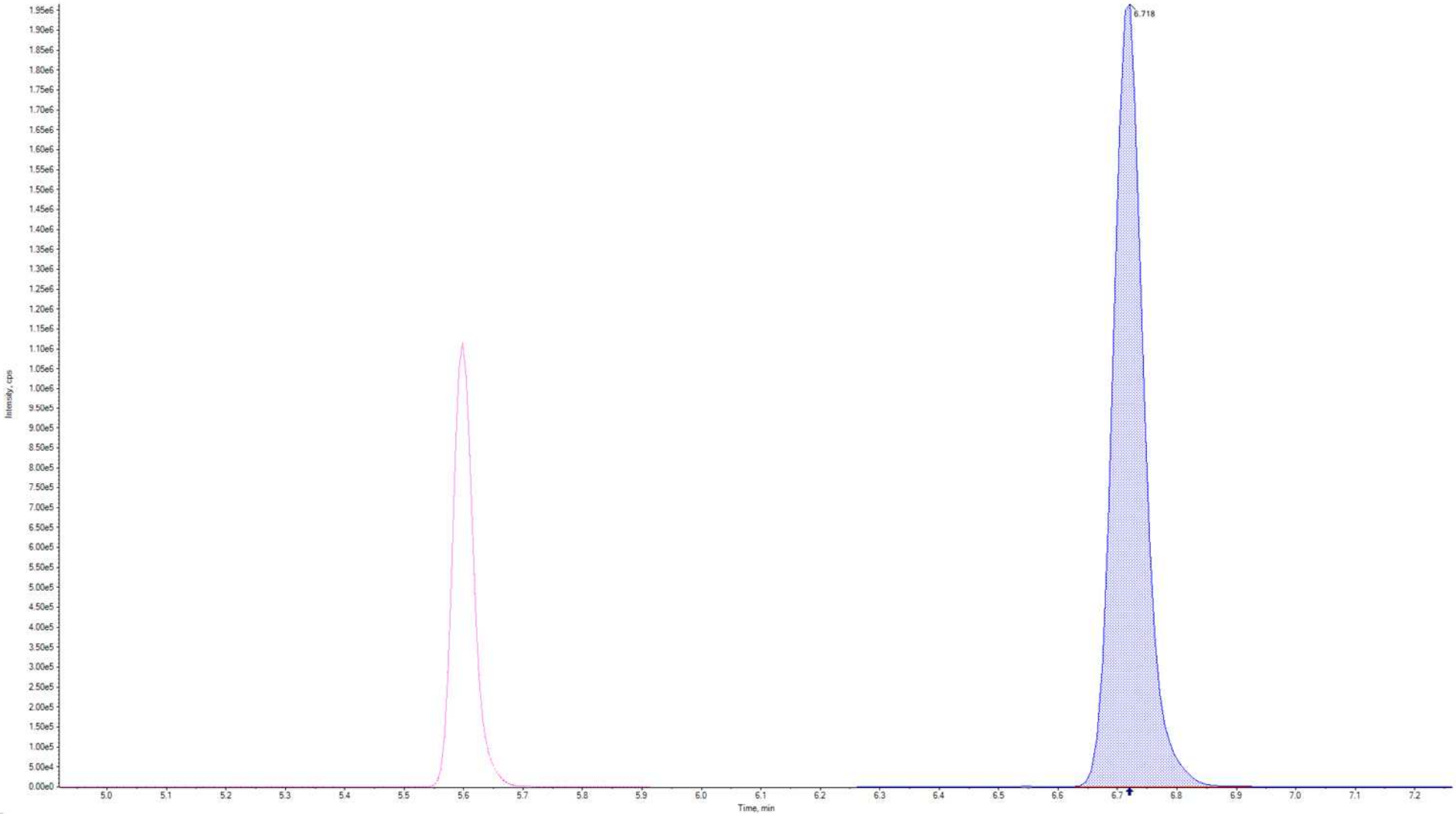
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

ADONA
Sample: IA1633STD-5 S/N:13708.9 Points Across peak:41



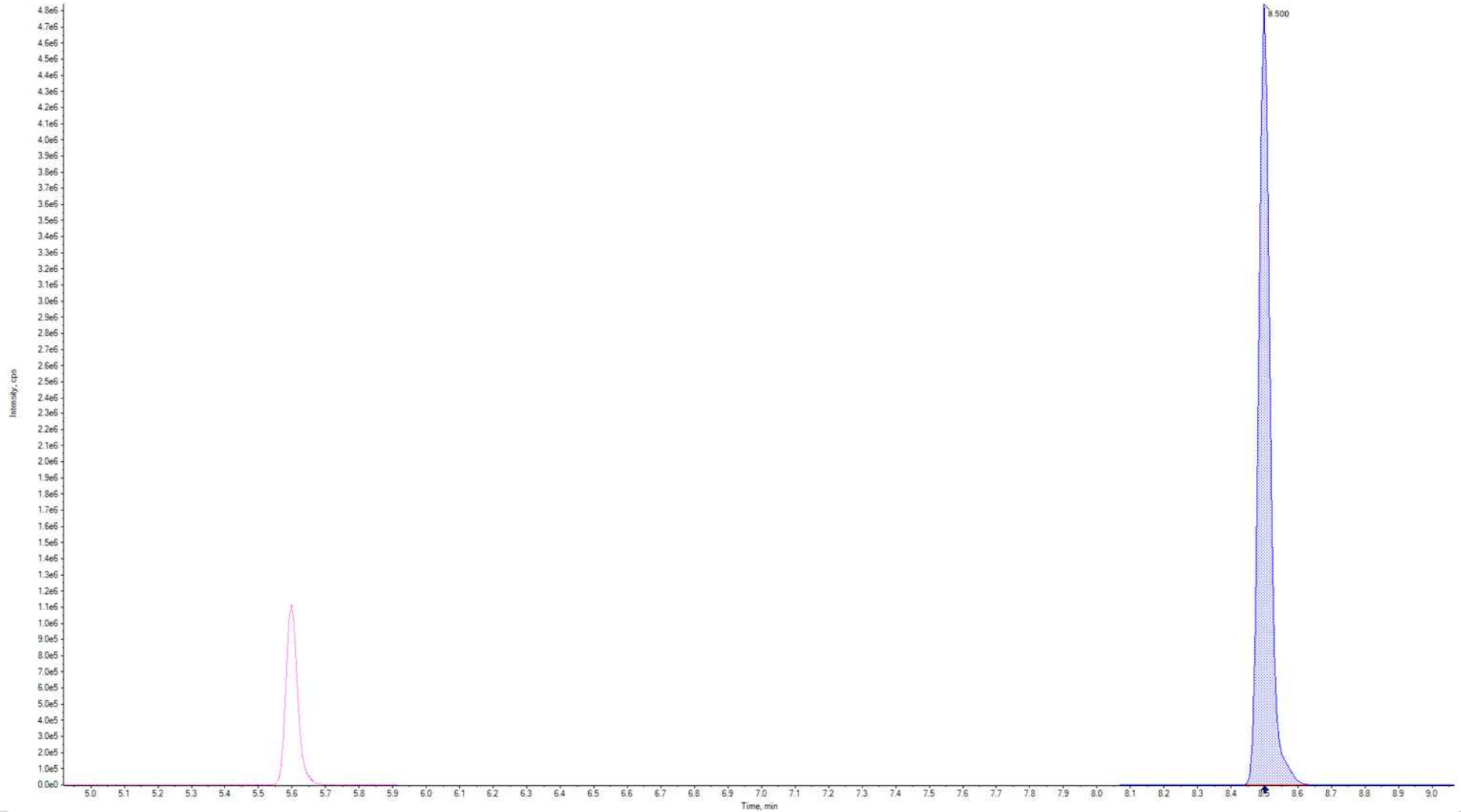
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

ADONA_2
Sample: IA1633STD-5 S/N:17524.9 Points Across peak:45



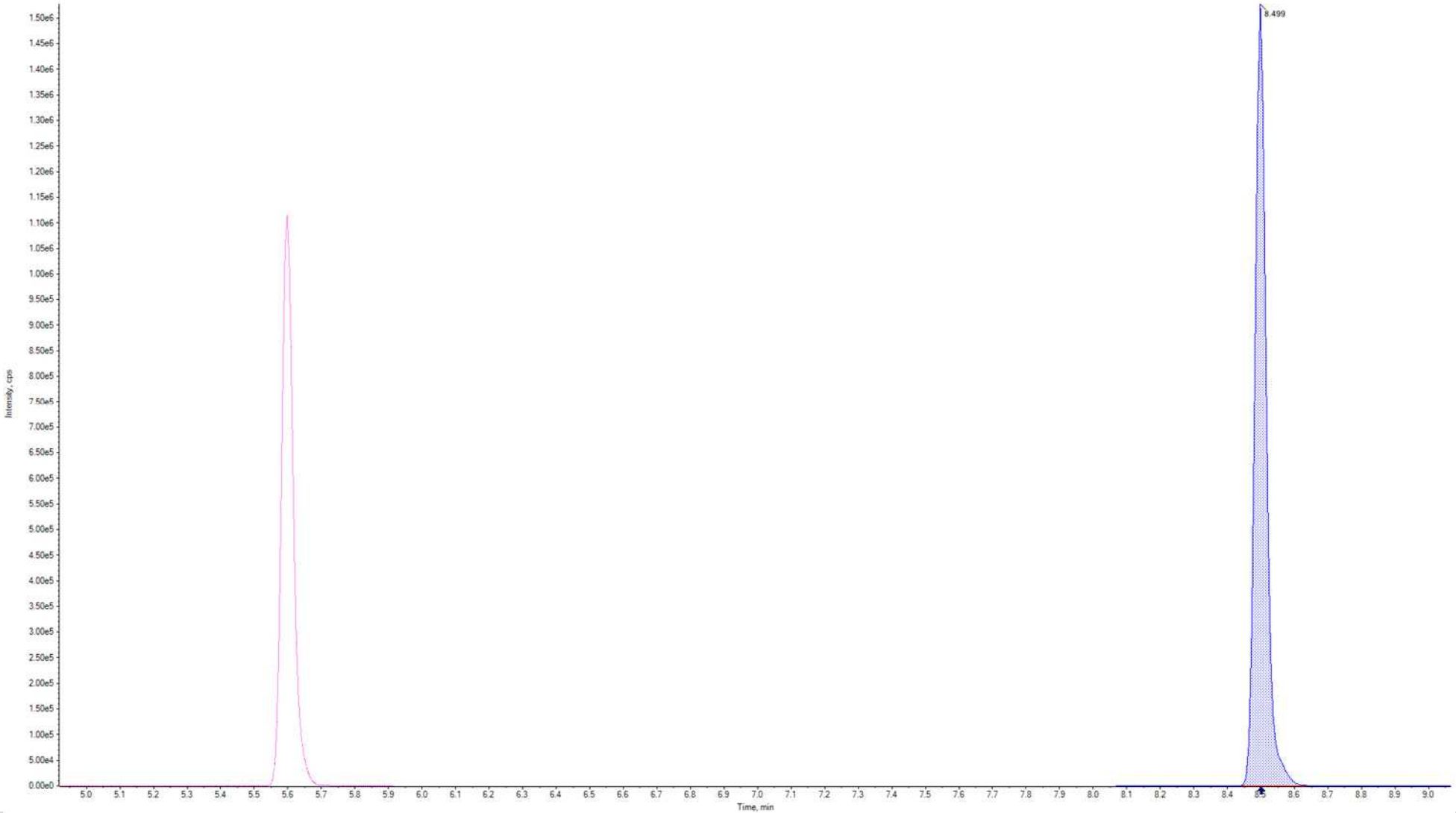
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS
Sample: IA1633STD-5 S/N:1142992.2 Points Across peak:45



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS_2
Sample: IA1633STD-5 S/N:6168347.9 Points Across peak:35



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS
Sample: IA1633STD-5 S/N:186176.6 Points Across peak:43



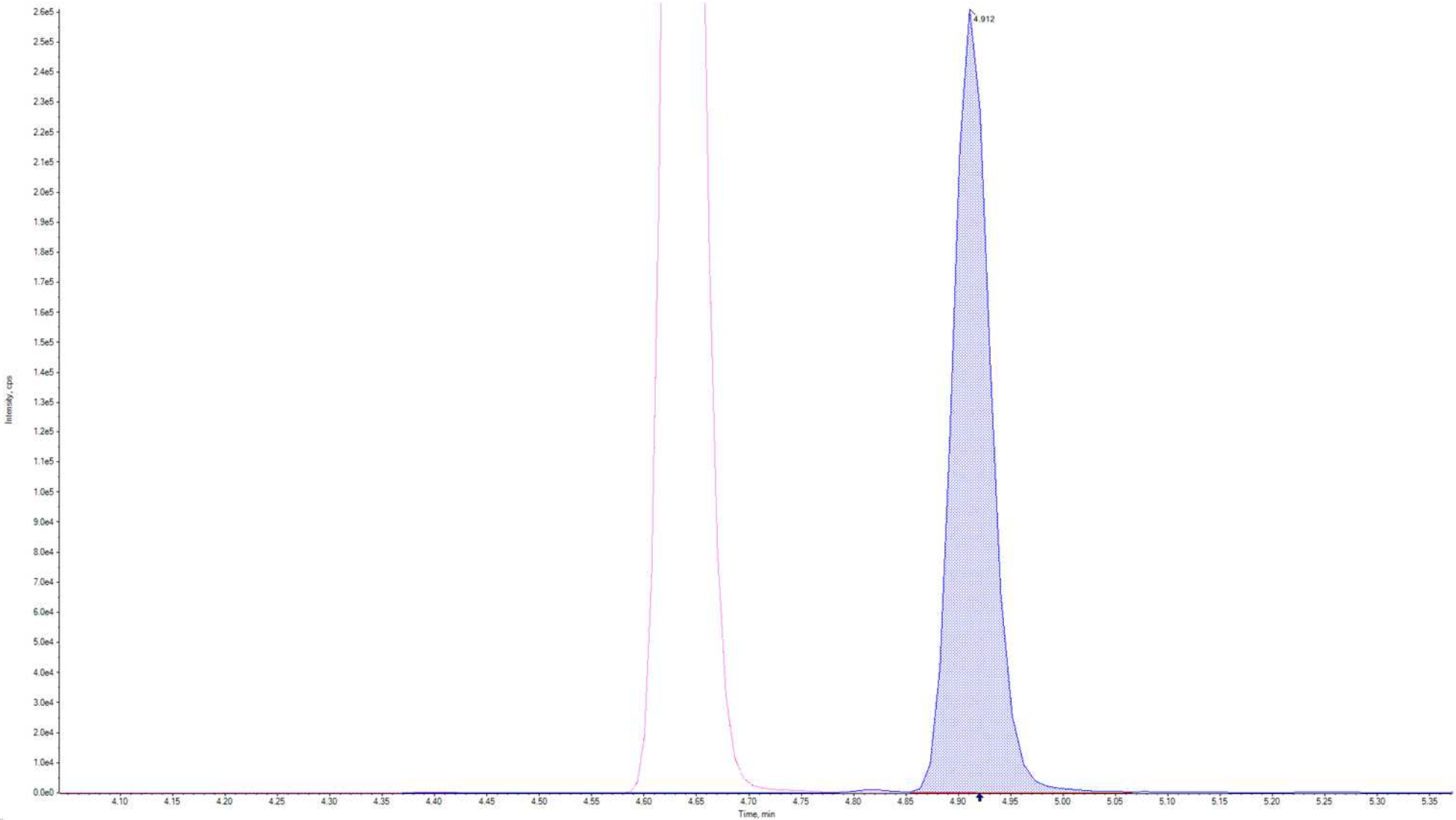
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS_2
Sample: IA1633STD-5 S/N:4873.0 Points Across peak:47



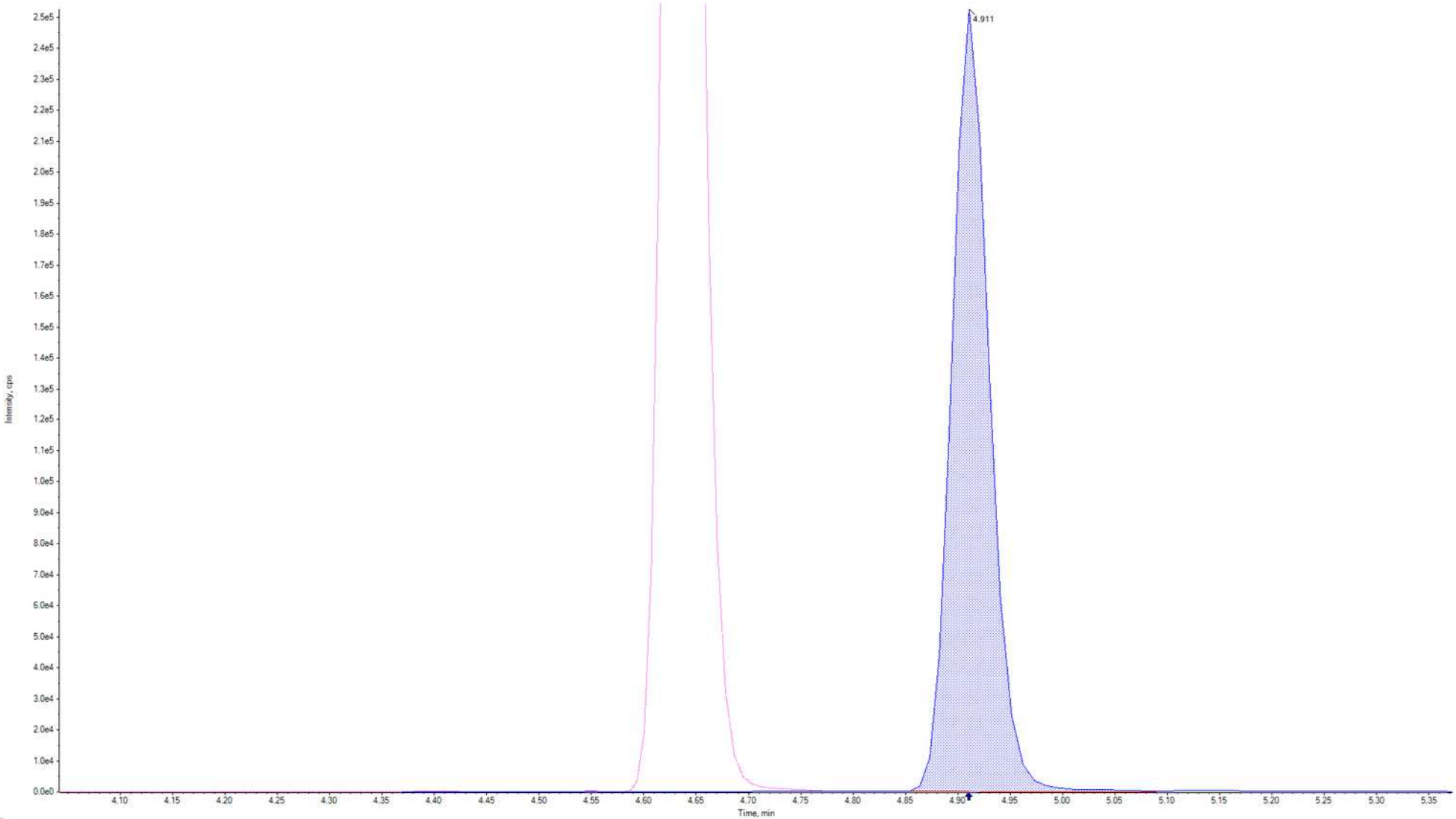
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA
Sample: IA1633STD-5 S/N:4666.5 Points Across peak:22



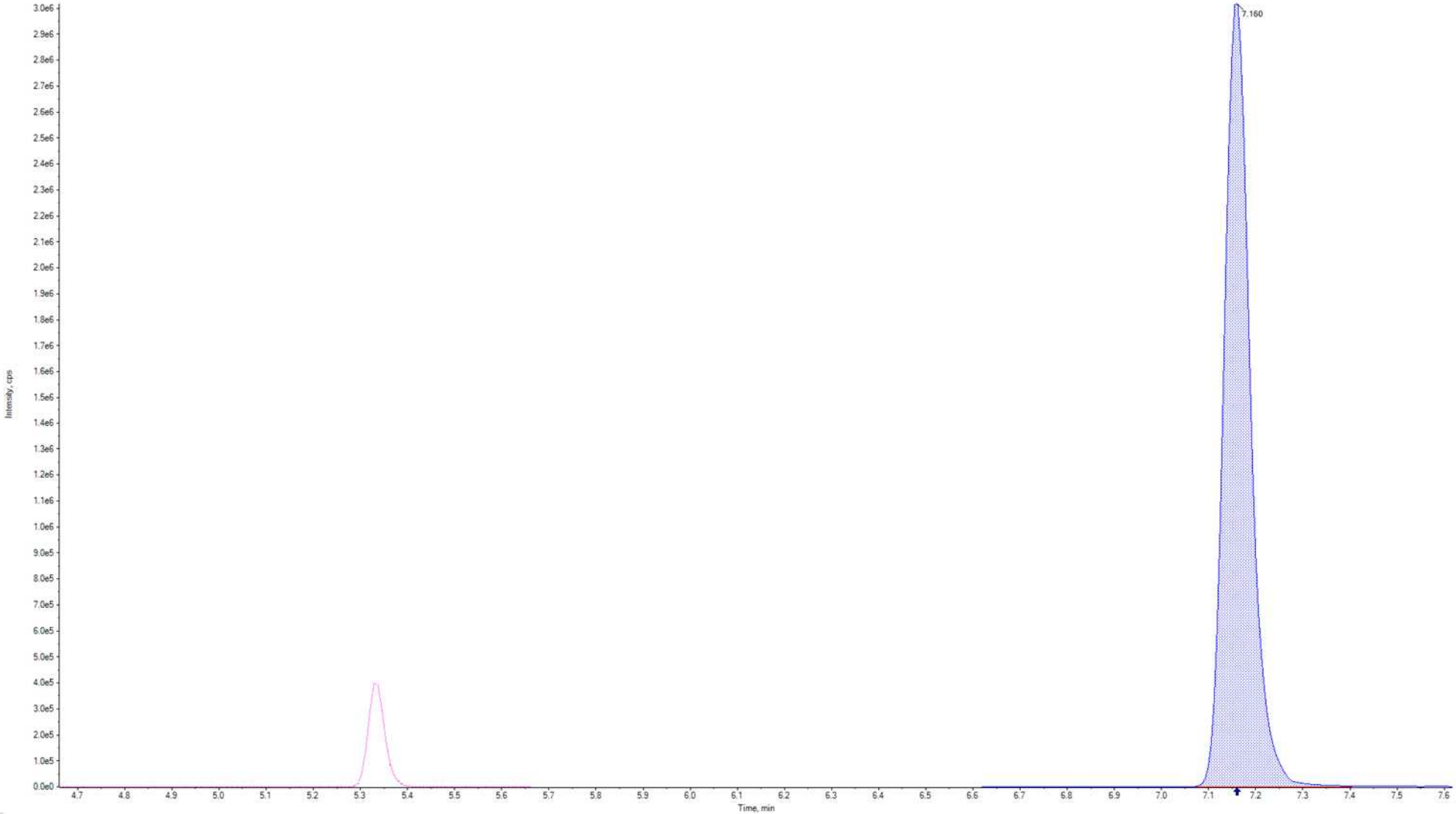
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA_2
Sample: IA1633STD-5 S/N:5331.1 Points Across peak:26



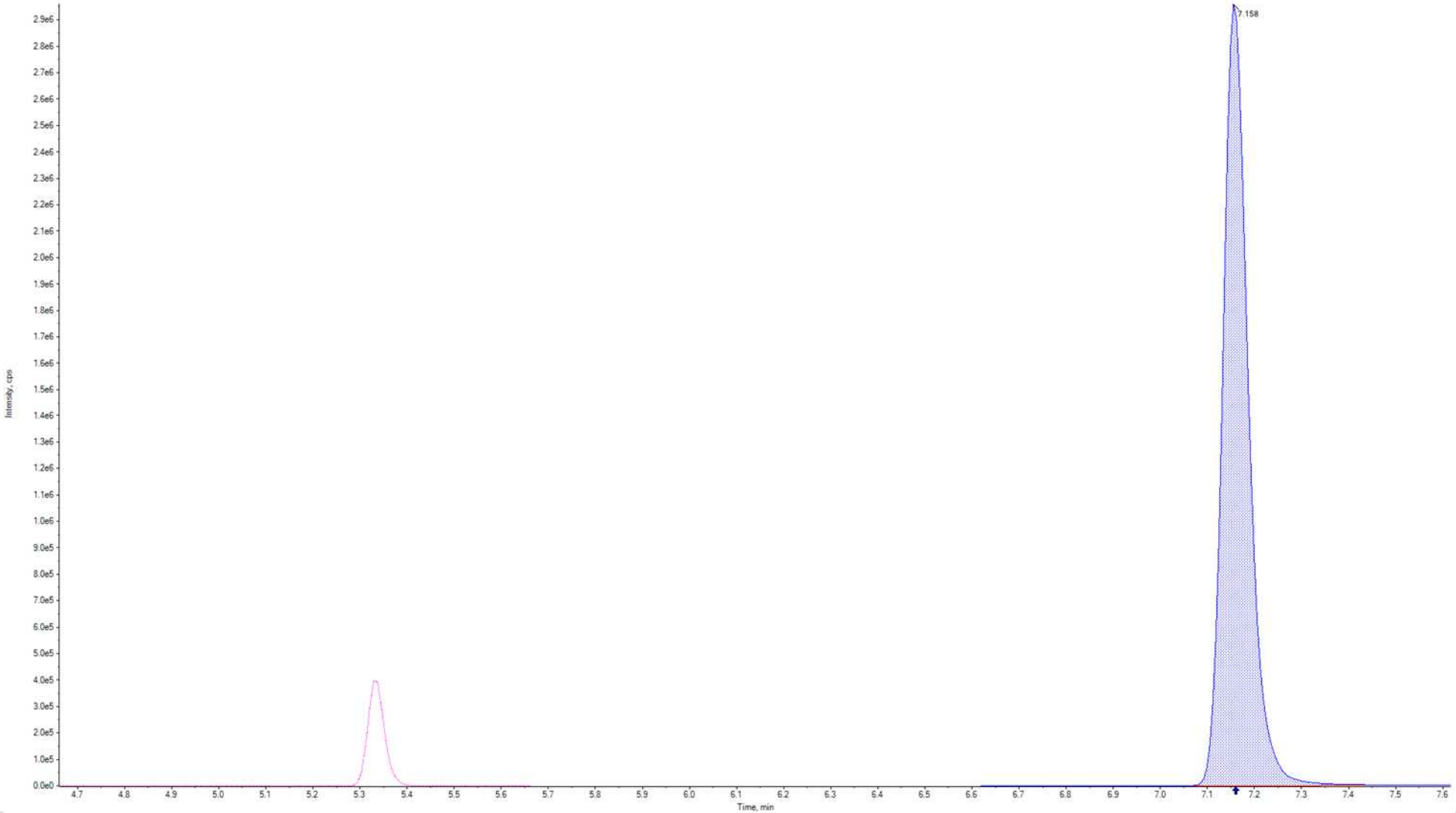
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA
Sample: IA1633STD-5 S/N:30755.0 Points Across peak:61



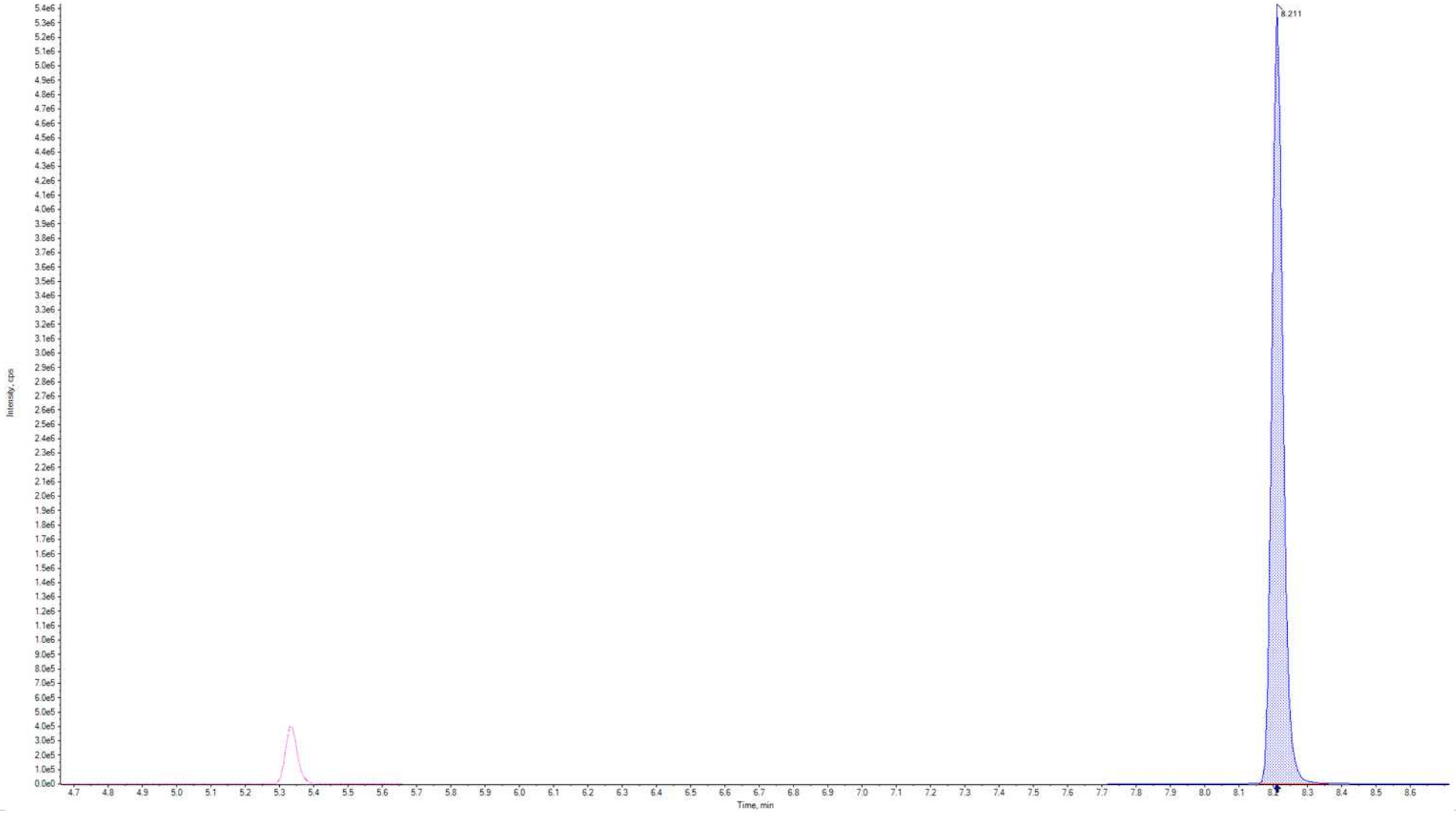
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA_2
Sample: IA1633STD-5 S/N:18561.2 Points Across peak:72



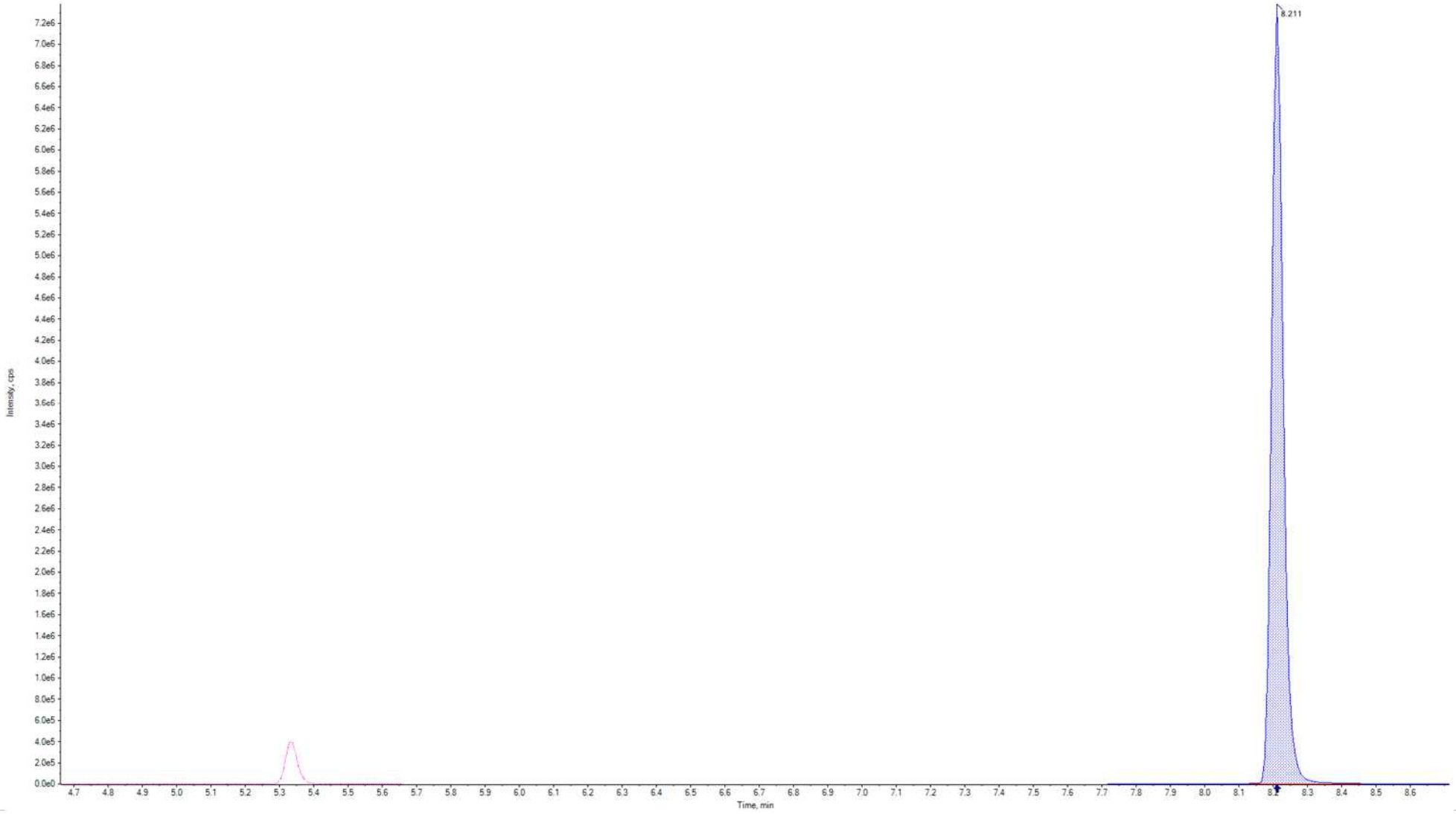
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

7:3FTCA
Sample: IA1633STD-5 S/N:14782.8 Points Across peak:24



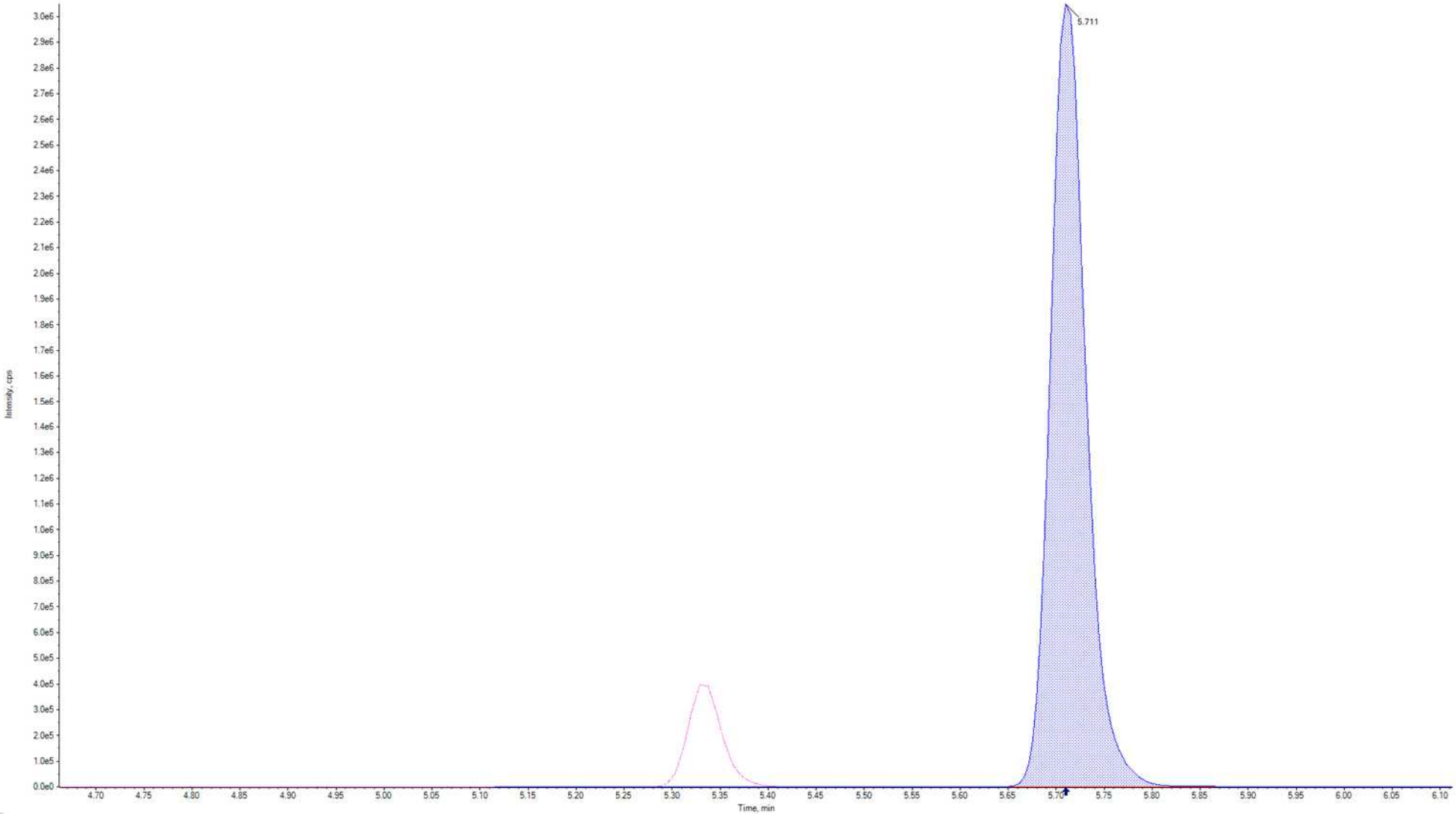
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA_2
Sample: IA1633STD-5 S/N:44360.9 Points Across peak:48



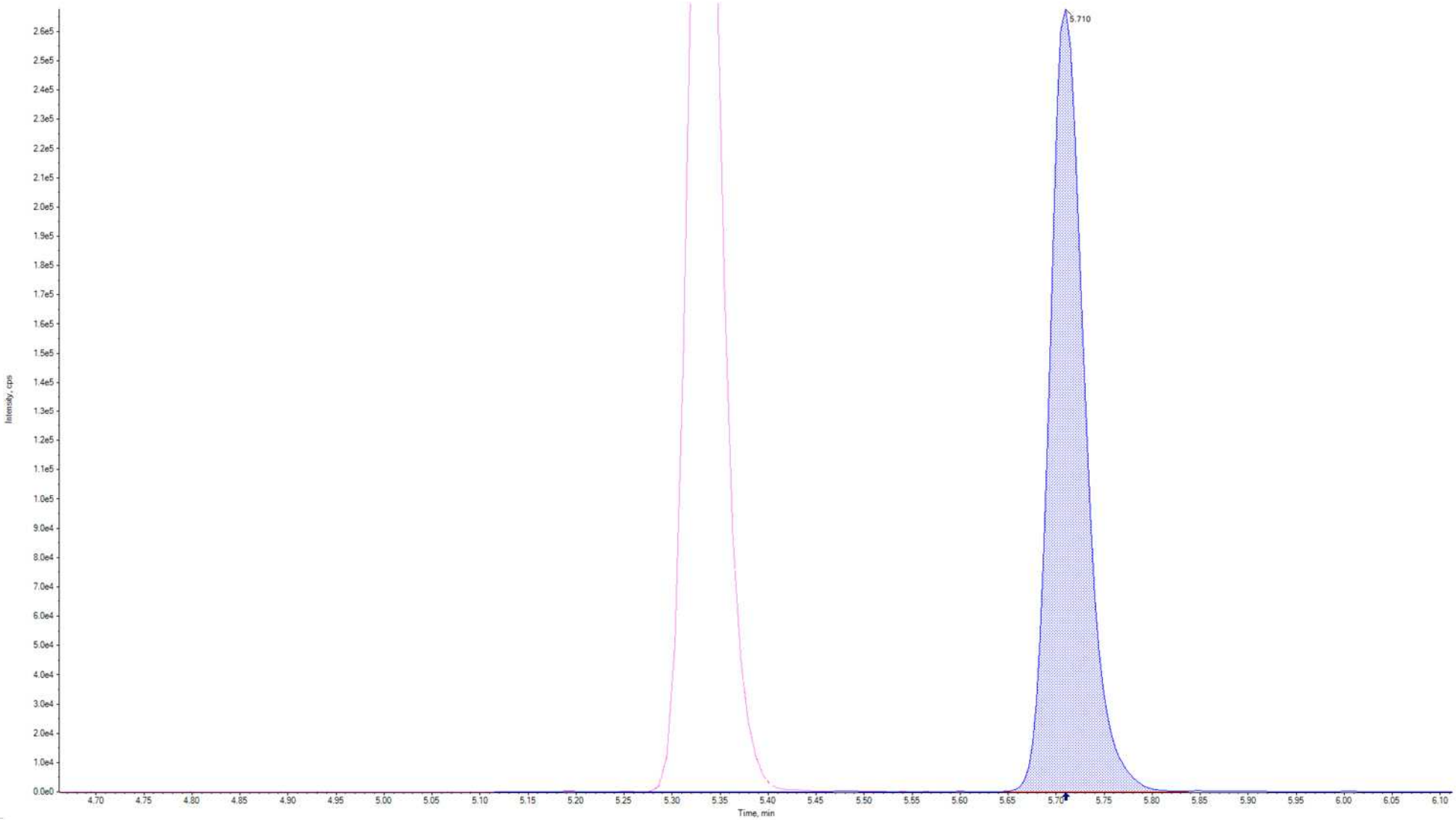
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFEESA
Sample: IA1633STD-5 S/N:17438.8 Points Across peak:58



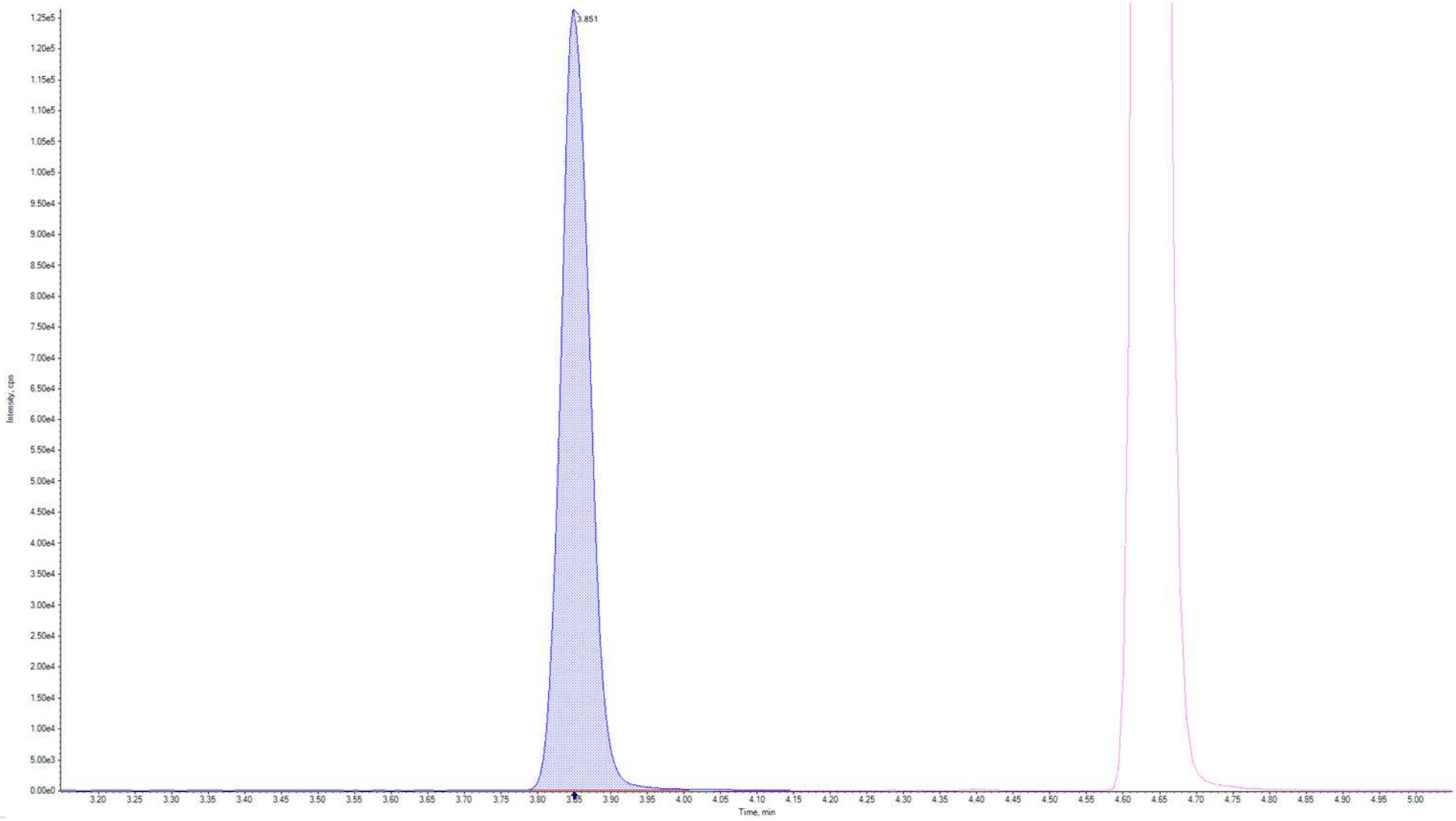
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA_2
Sample: IA1633STD-5 S/N:7182.5 Points Across peak:44



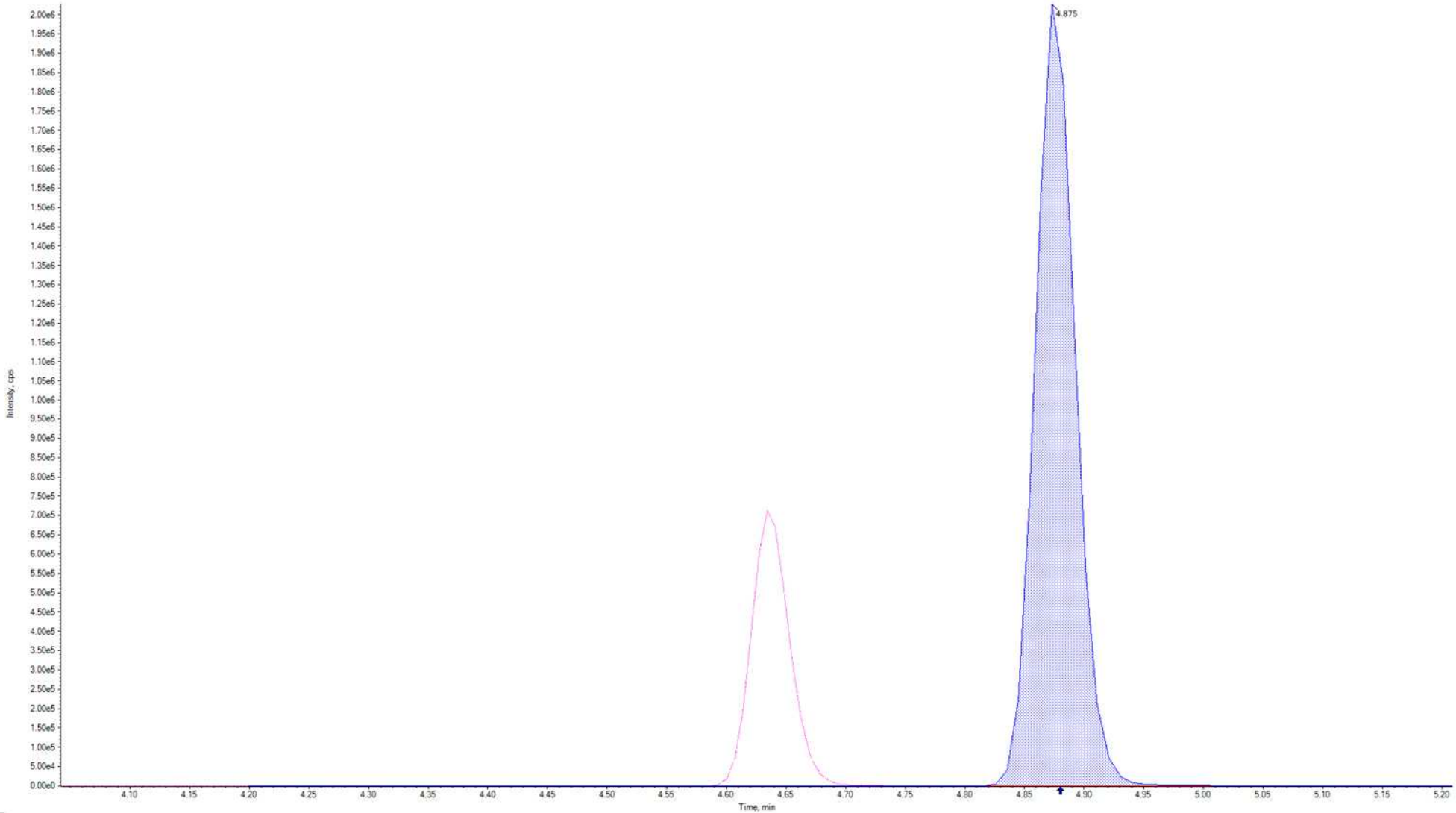
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

PFMPA
Sample: IA1633STD-5 S/N:4882.7 Points Across peak:59



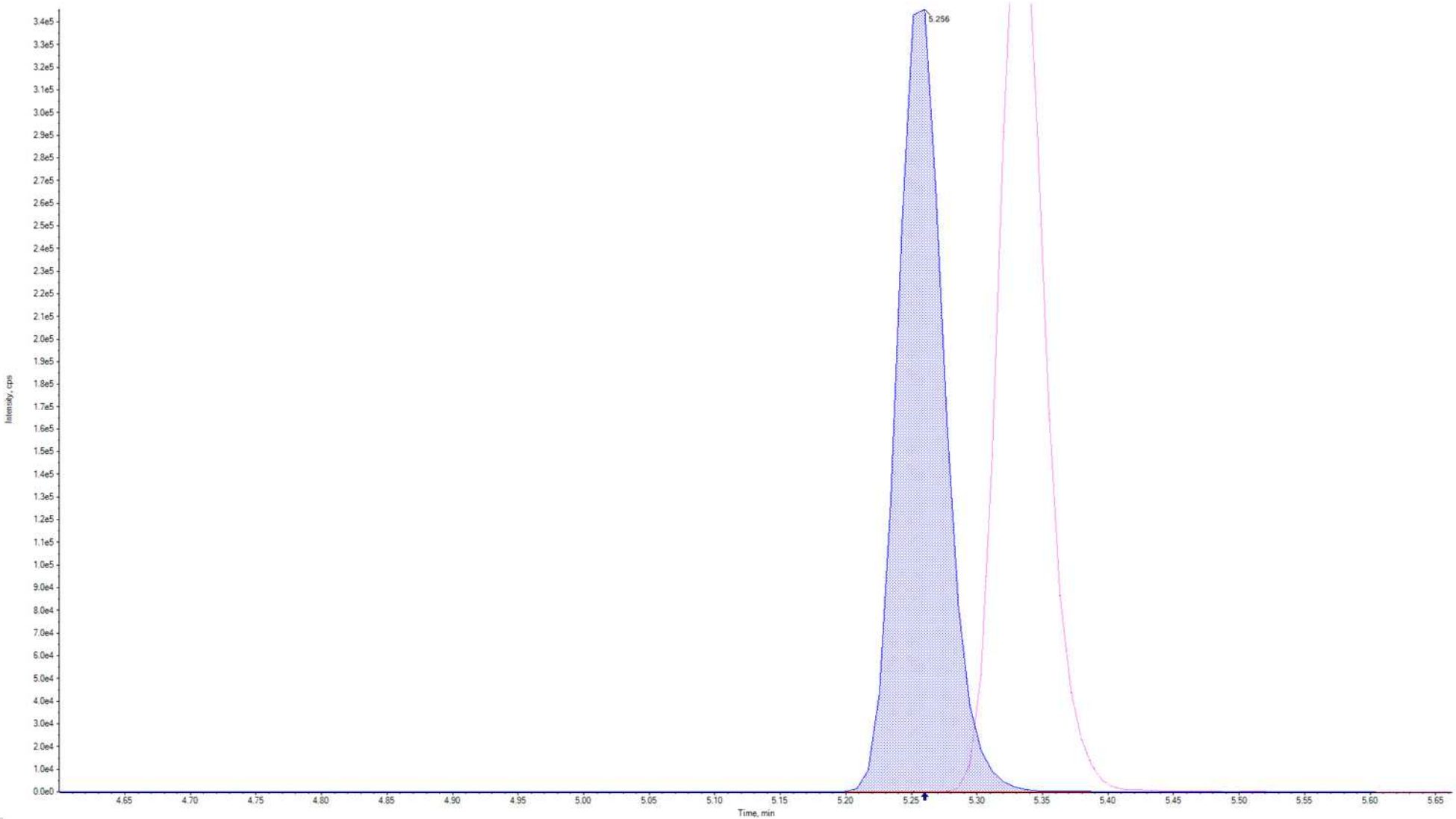
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFMBA
Sample: IA1633STD-5 S/N:12086.9 Points Across peak:30



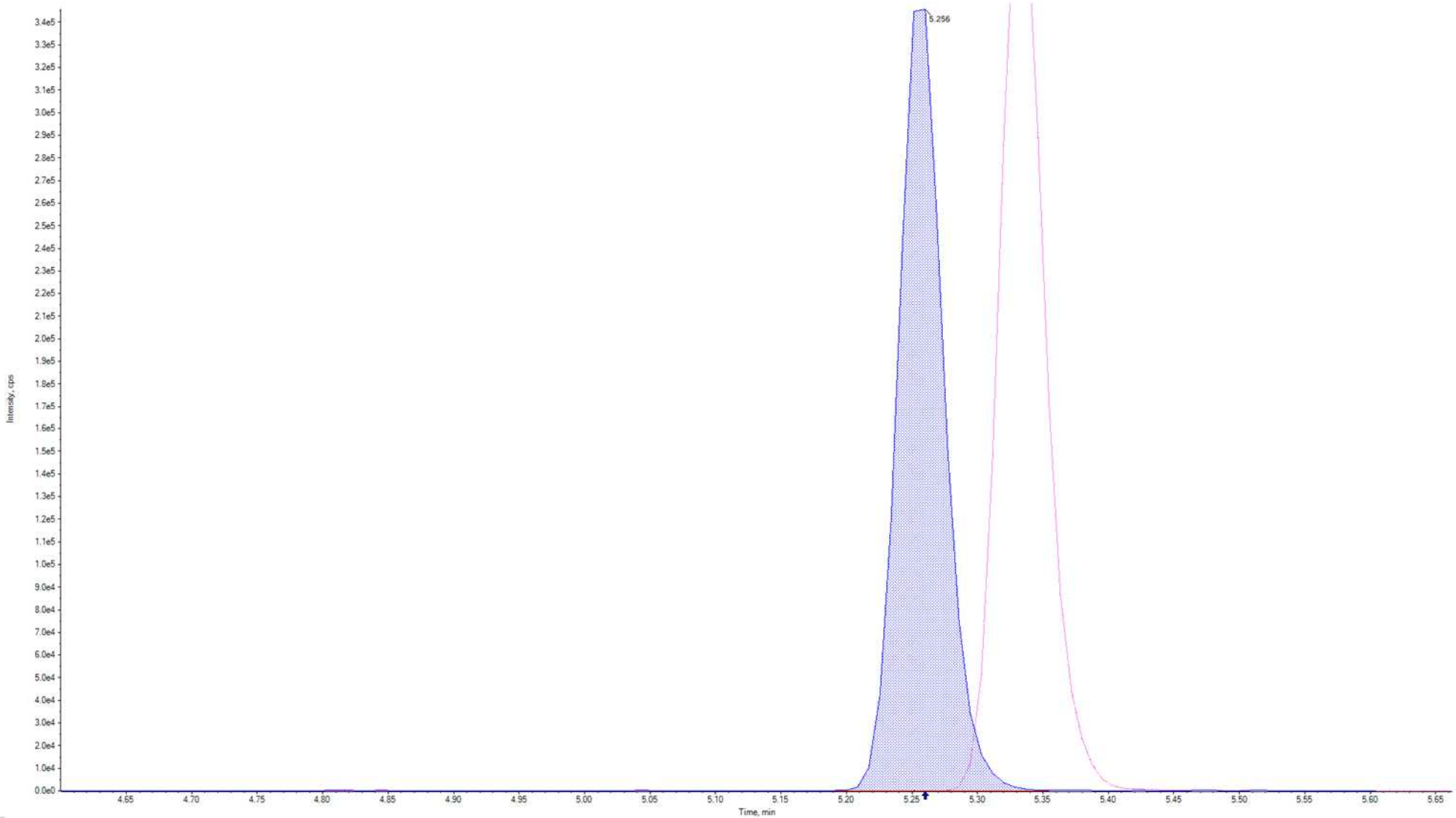
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

NFDHA
Sample: IA1633STD-5 S/N:5006.5 Points Across peak:31



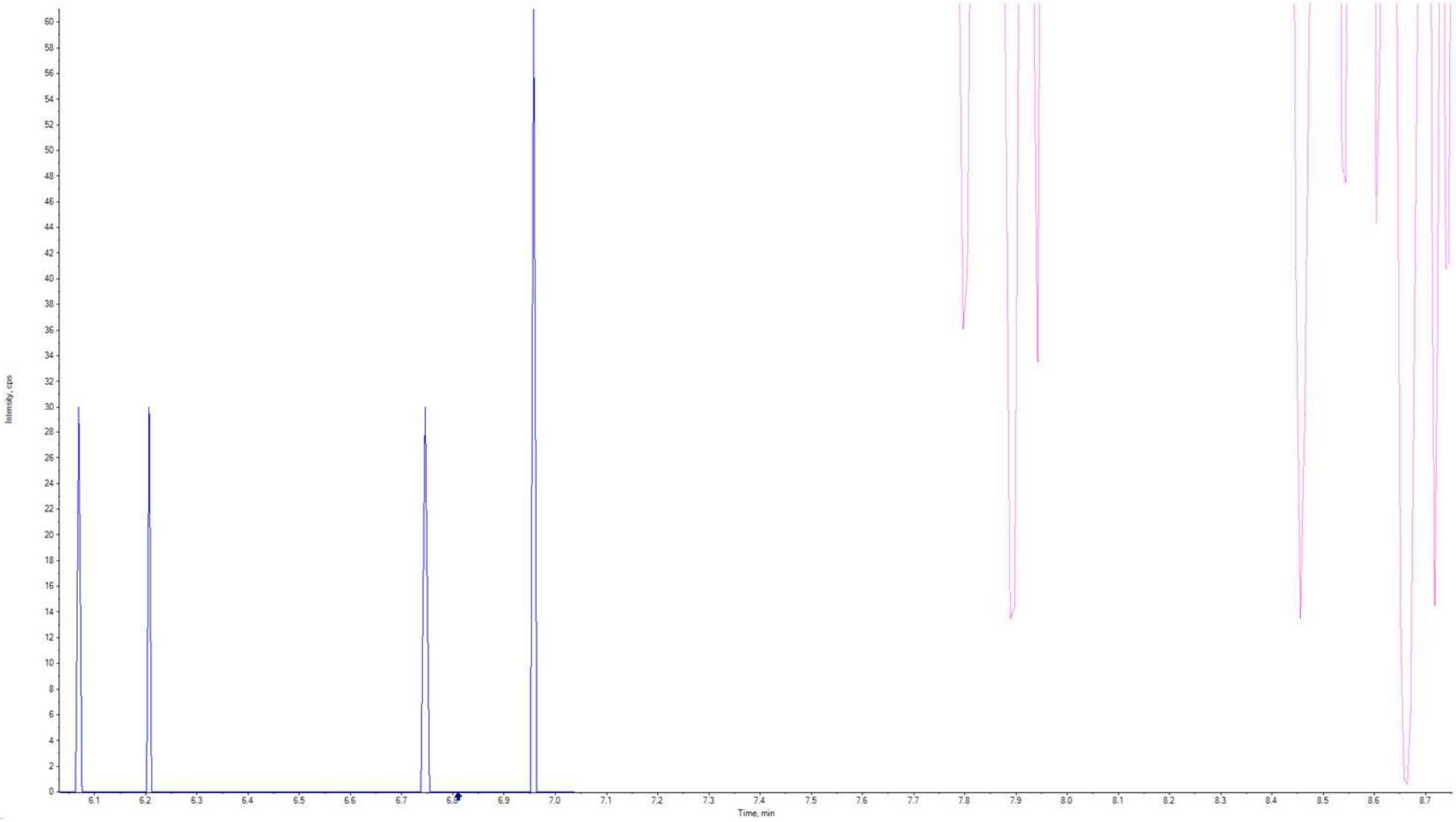
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA_2
Sample: IA1633STD-5 S/N:3249.6 Points Across peak:23



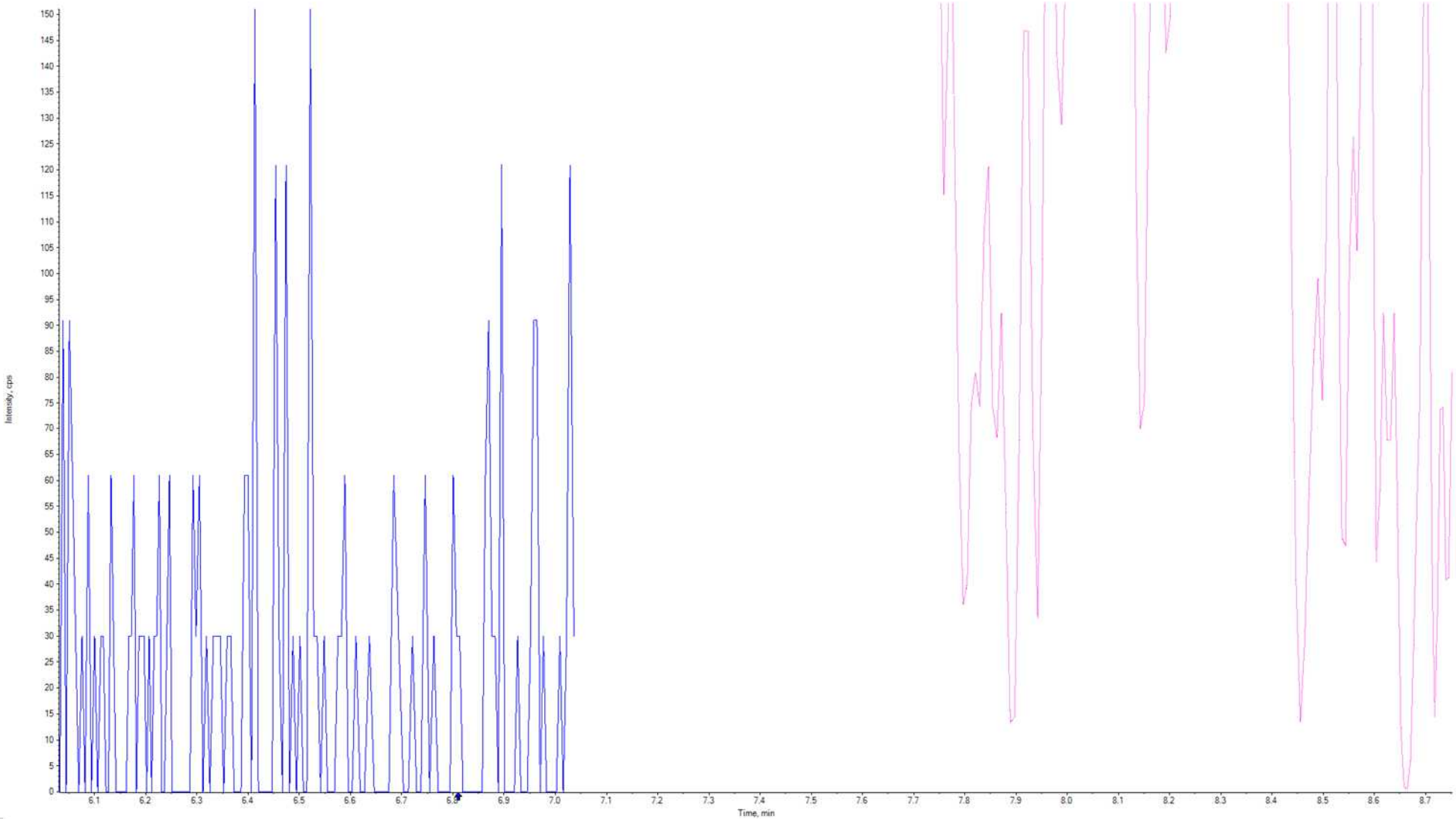
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

TDCA
Sample: IA1633STD-5 S/N:N/A Points Across peak:N/A



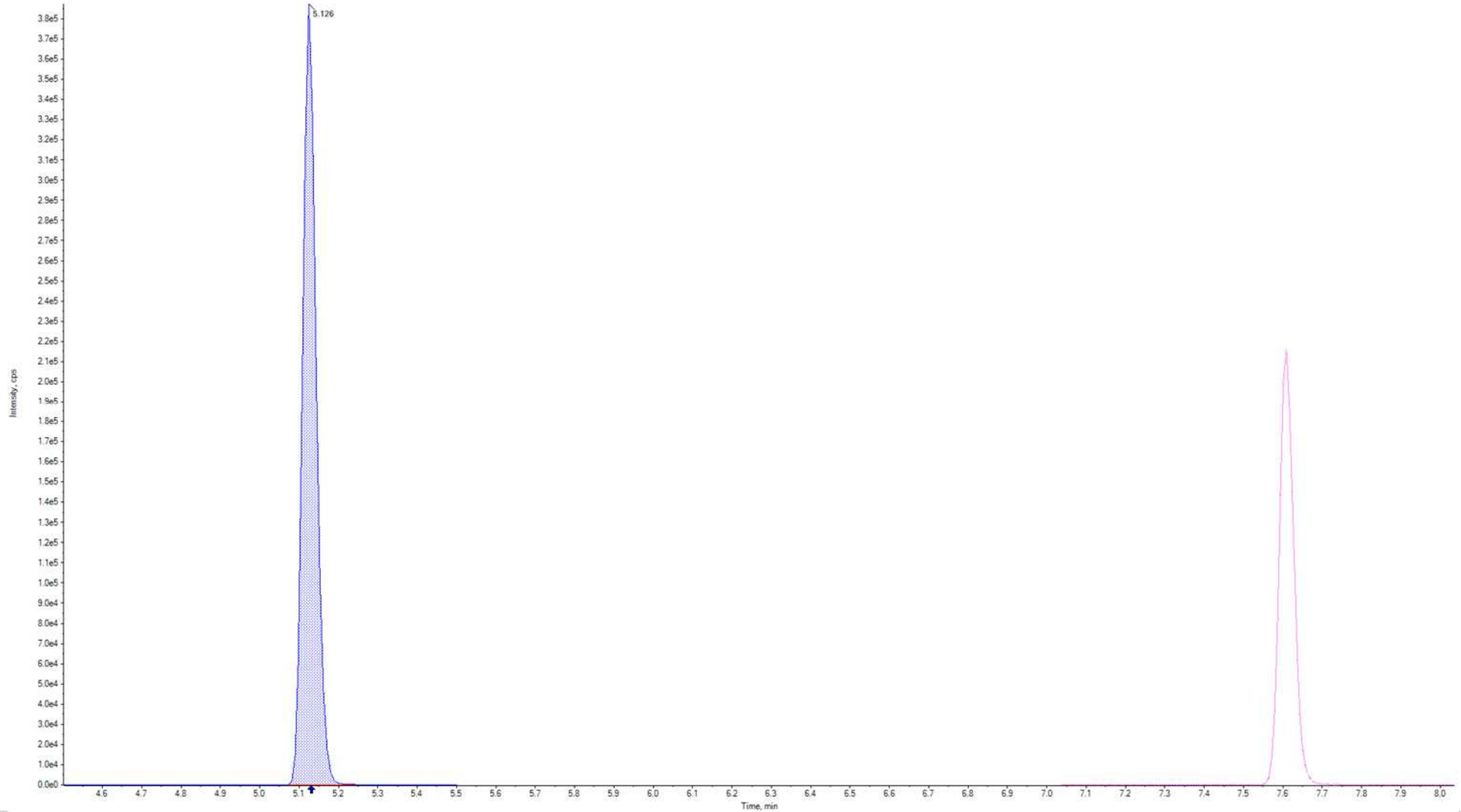
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

TDCA_2
Sample: IA1633STD-5 S/N:N/A Points Across peak:N/A



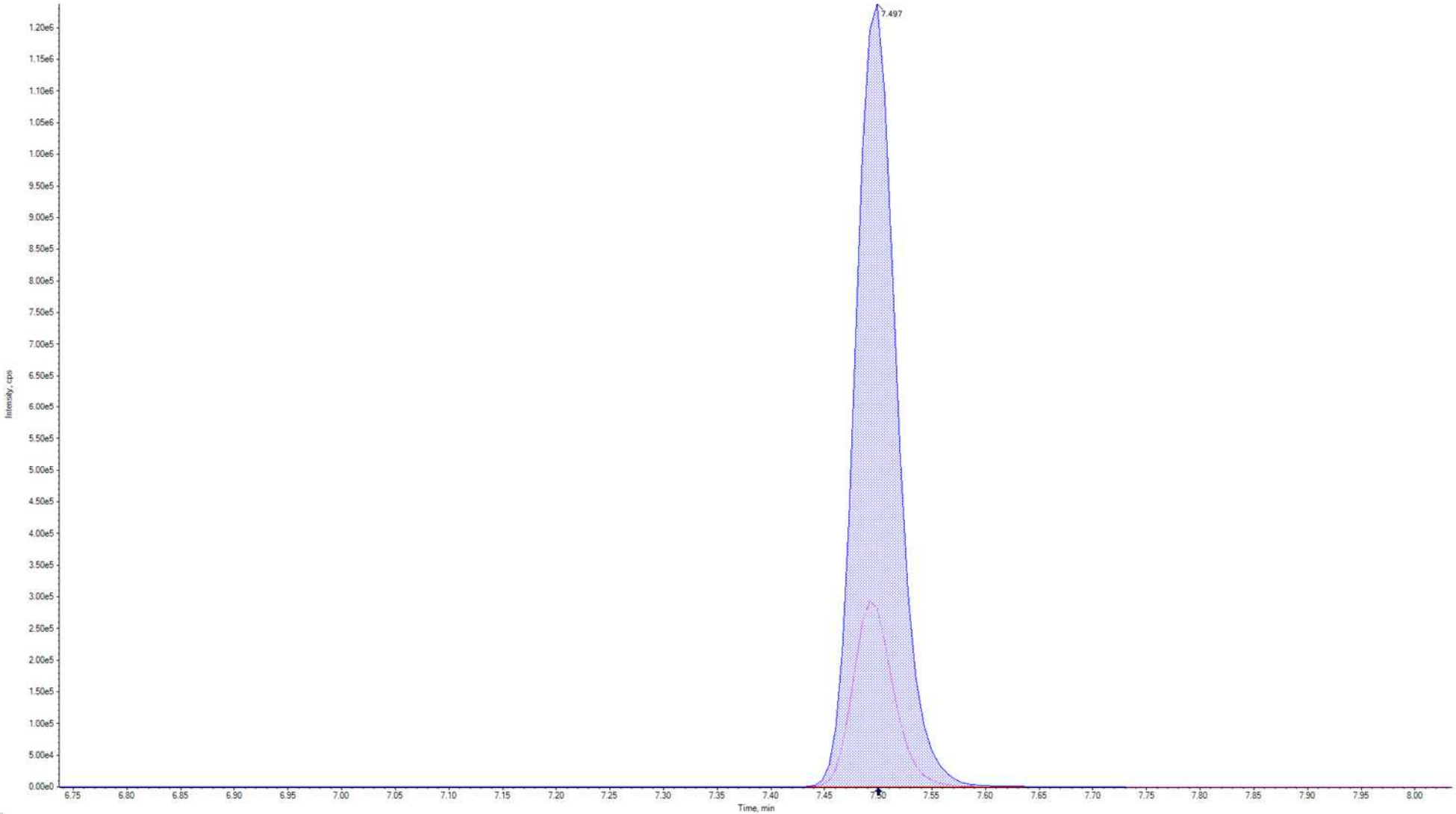
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

13C2D4-4:2FTS
Sample: IA1633STD-5 S/N:5794.2 Points Across peak:33

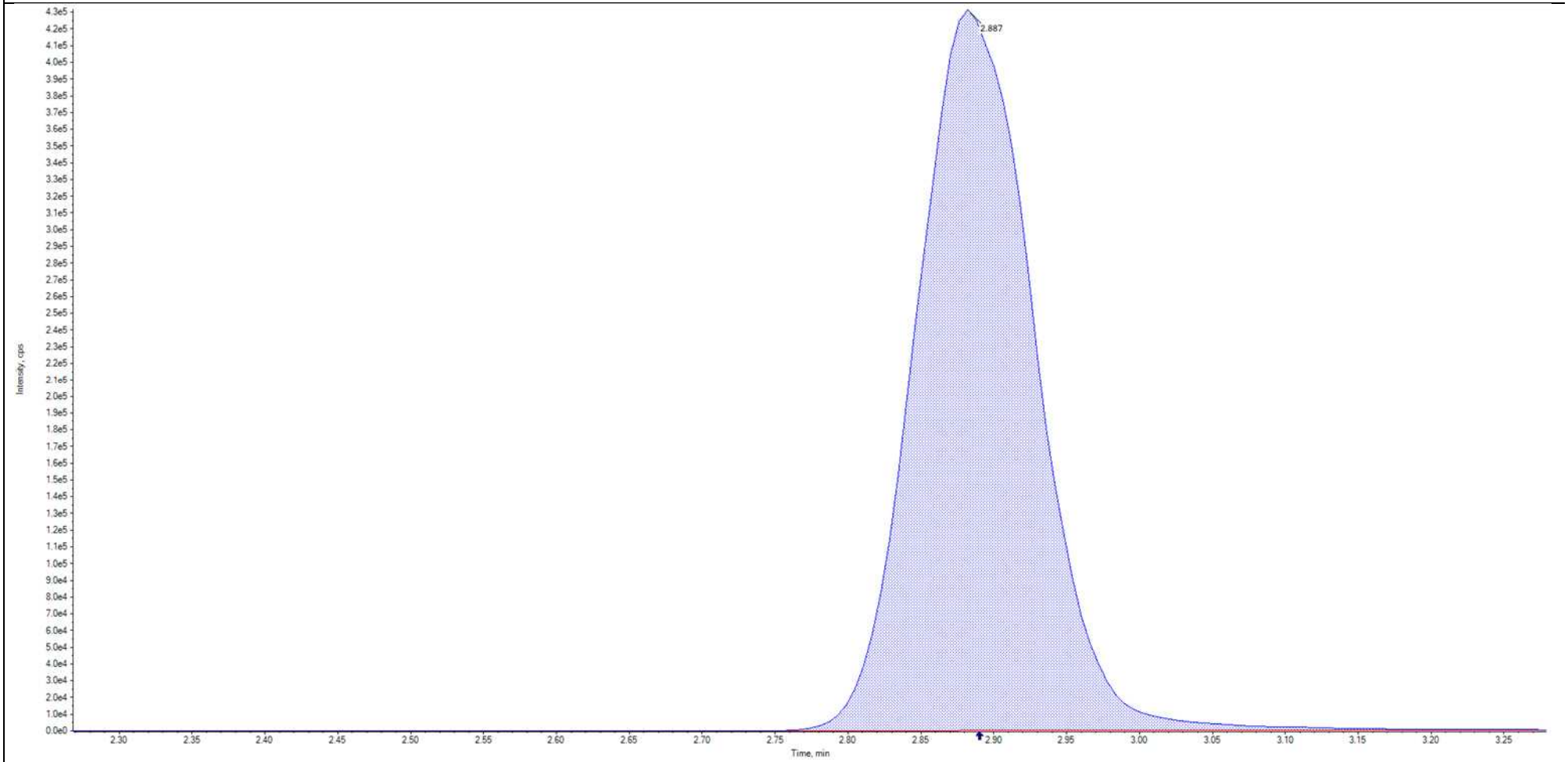


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

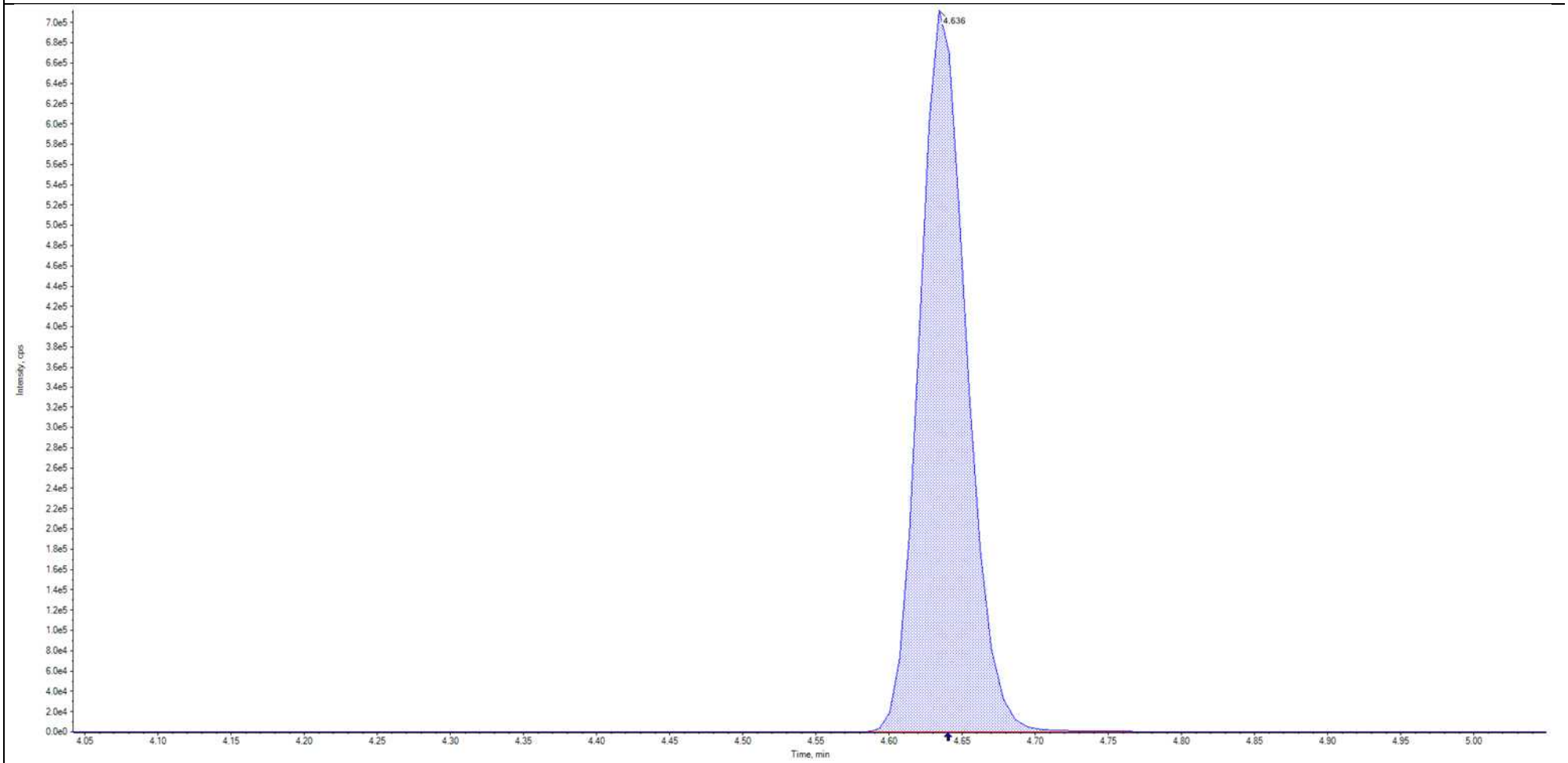
13C2-PFOA
Sample: IA1633STD-5 S/N:6630373.2 Points Across peak:40



13C4-PFBA
Sample: IA1633STD-5

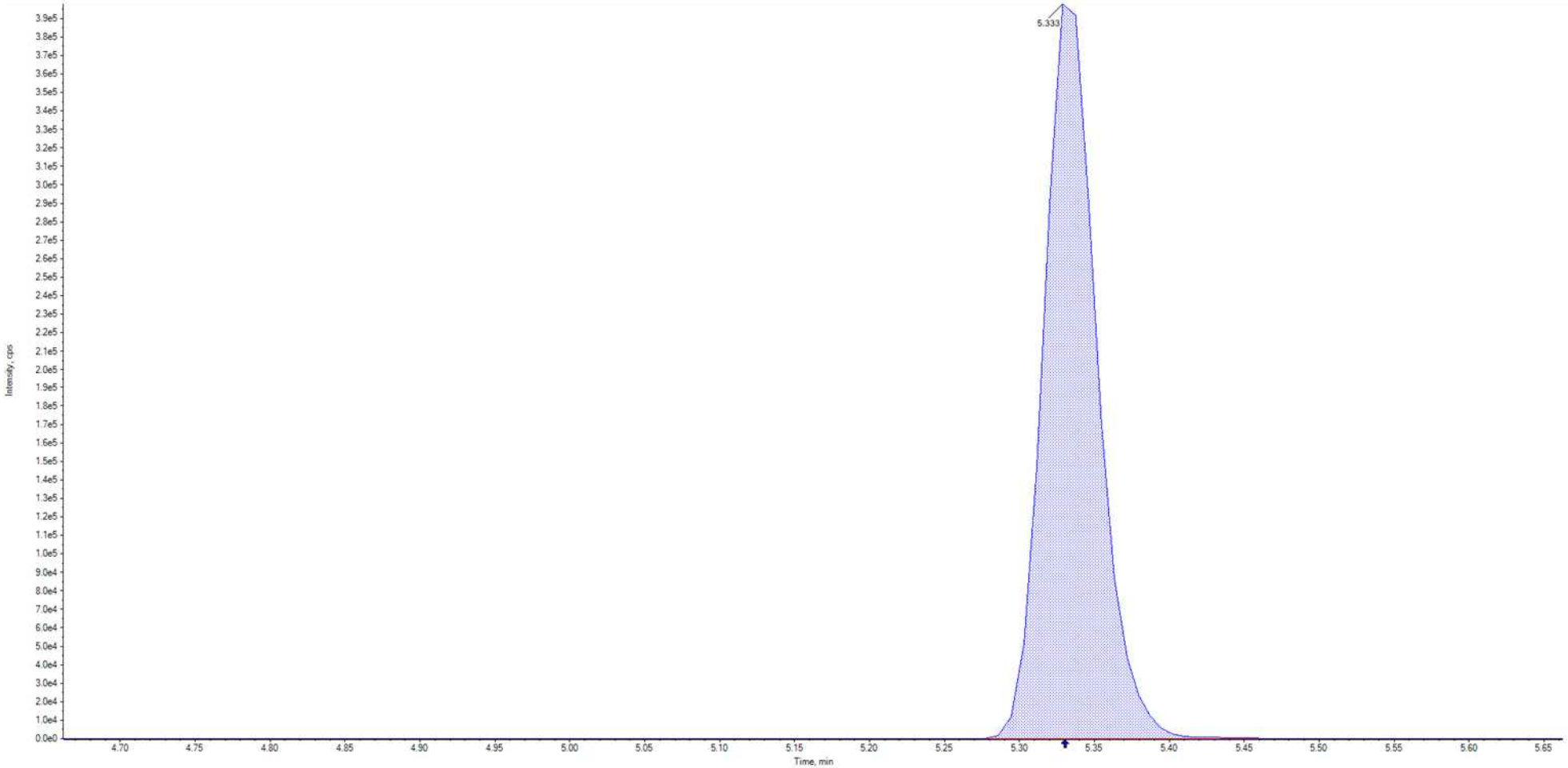


13C5-PFPeA
Sample: IA1633STD-5

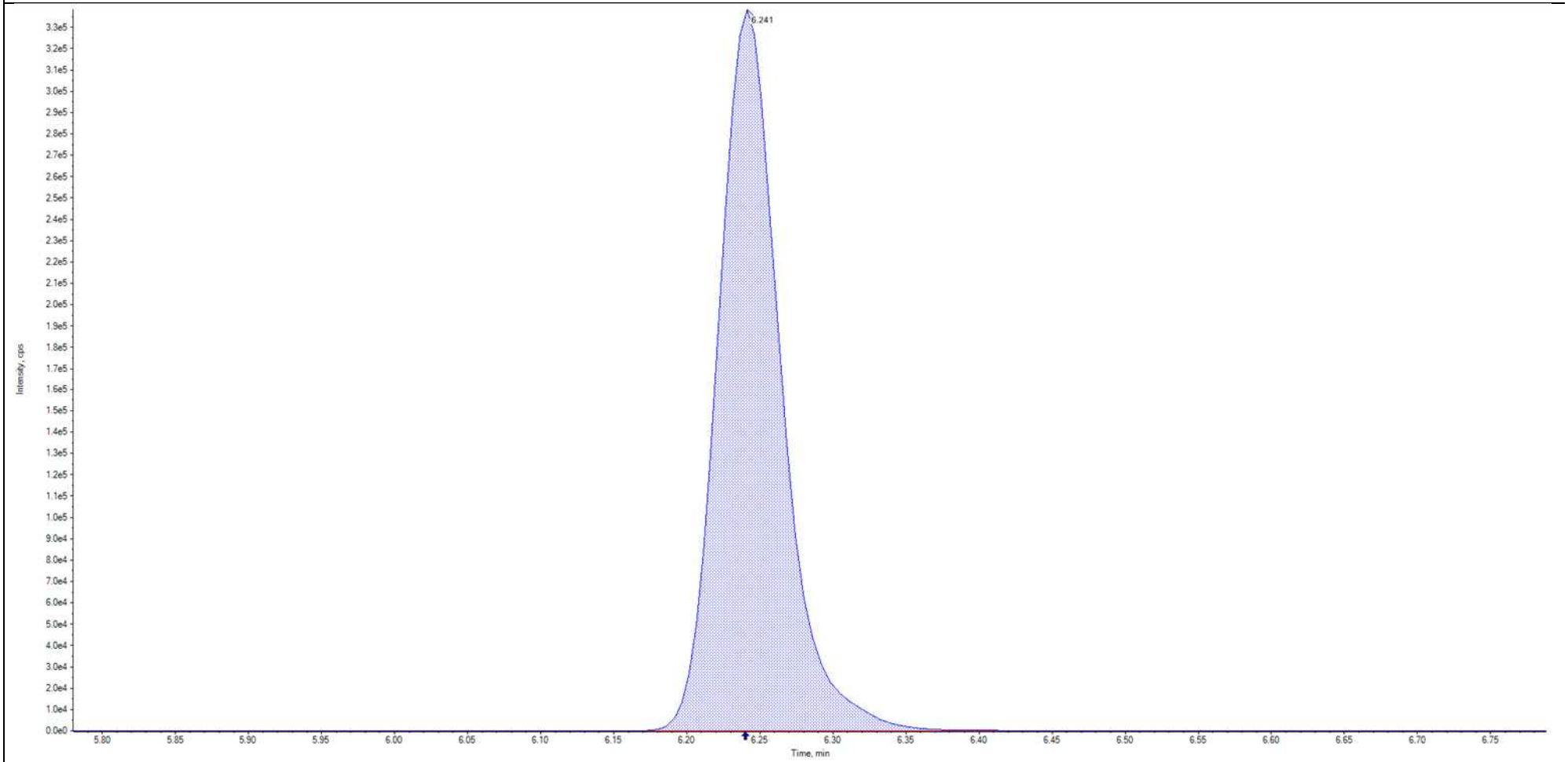


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

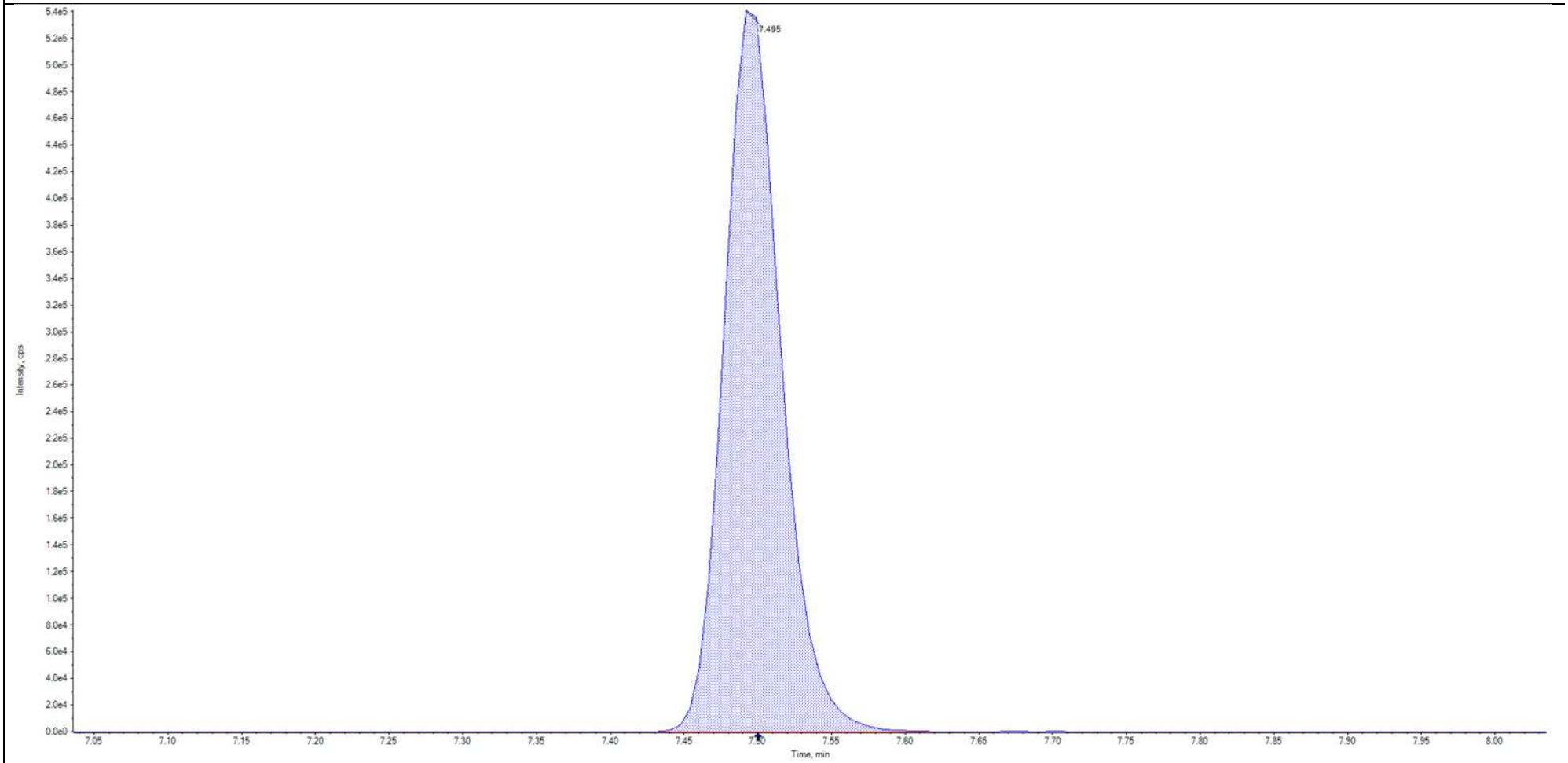
13C5-PFHxA
Sample: IA1633STD-5



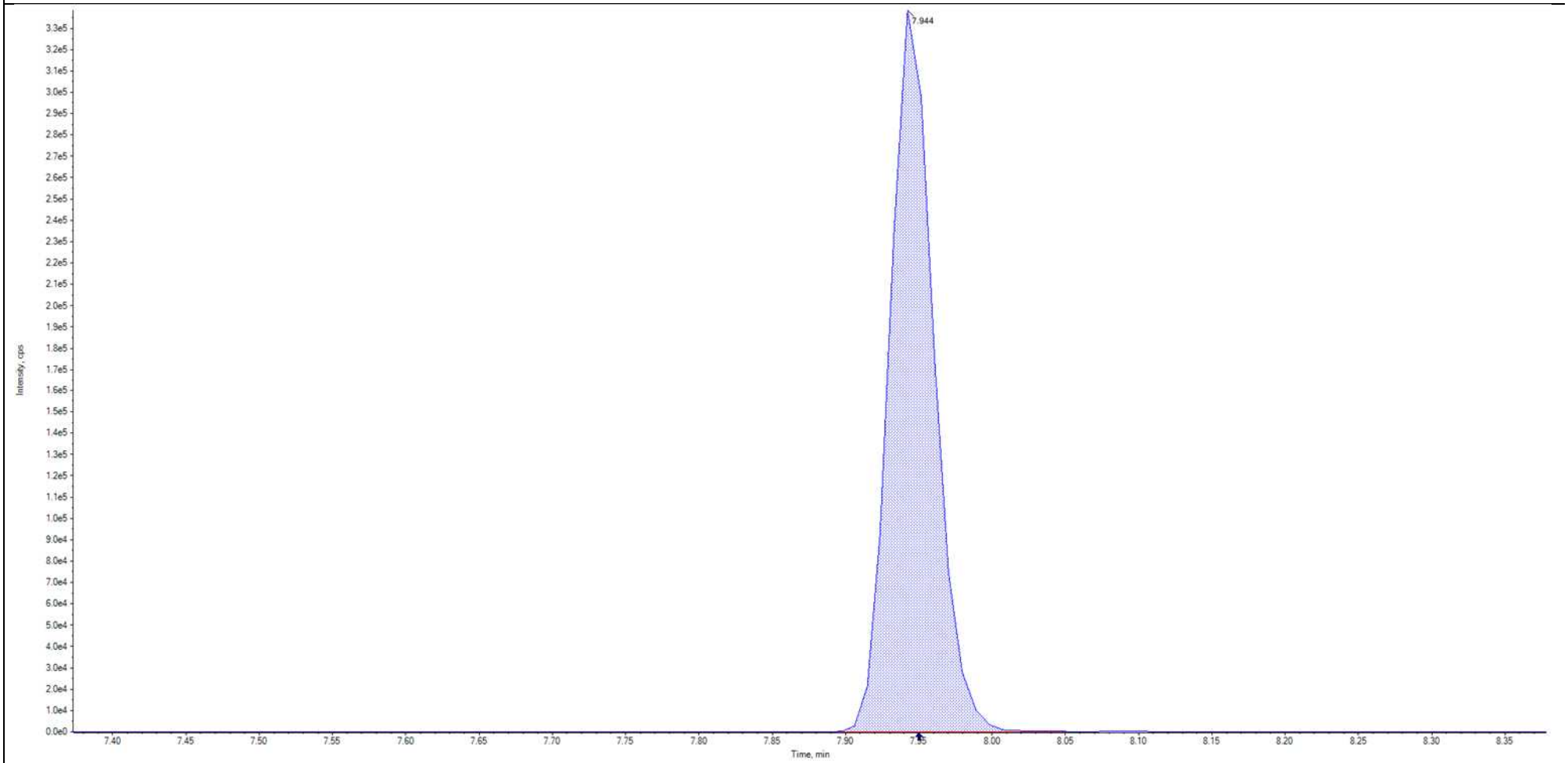
13C4-PFHpA
Sample: IA1633STD-5



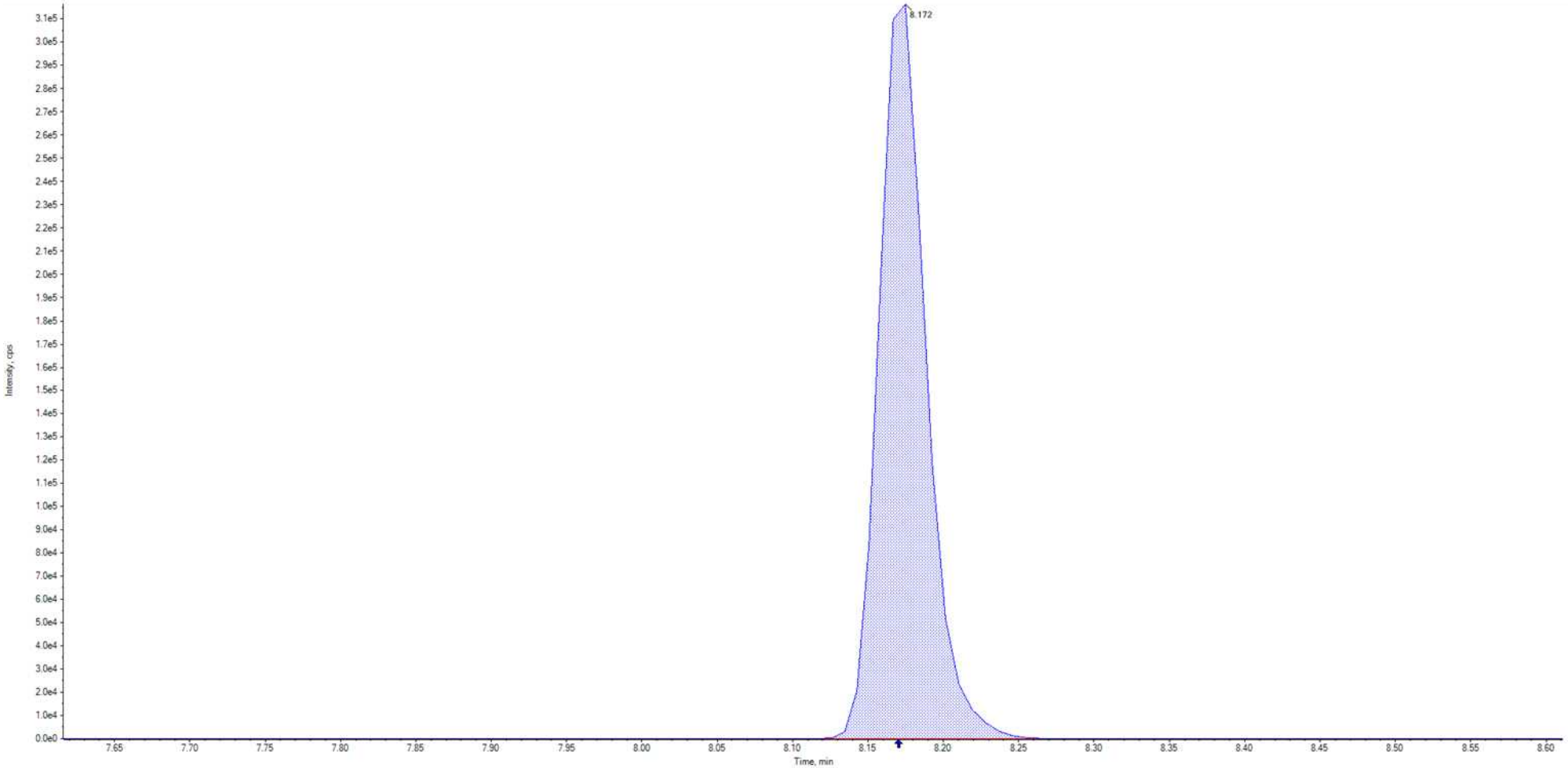
13C8-PFOA
Sample: IA1633STD-5



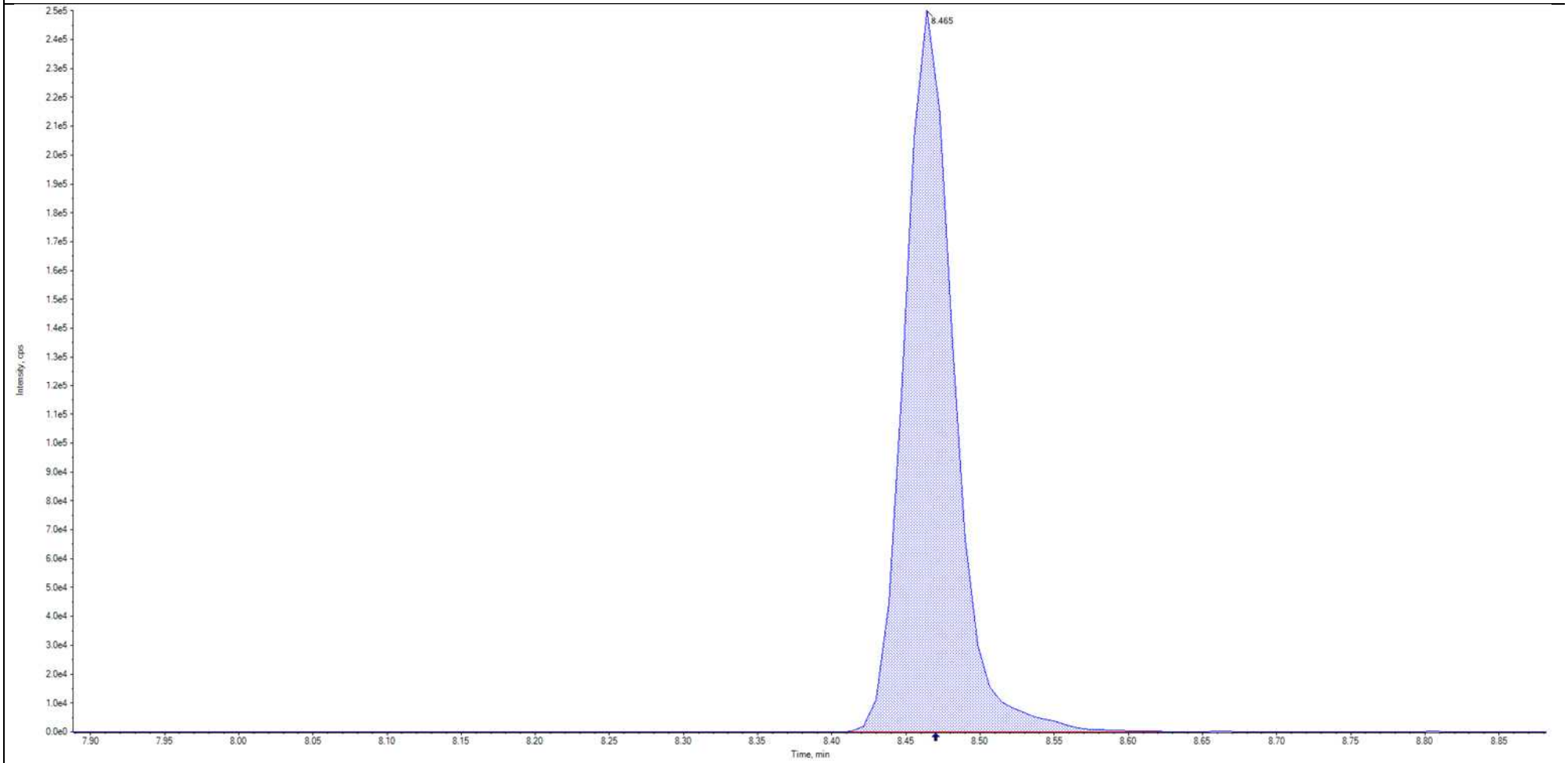
13C9-PFNA
Sample: IA1633STD-5



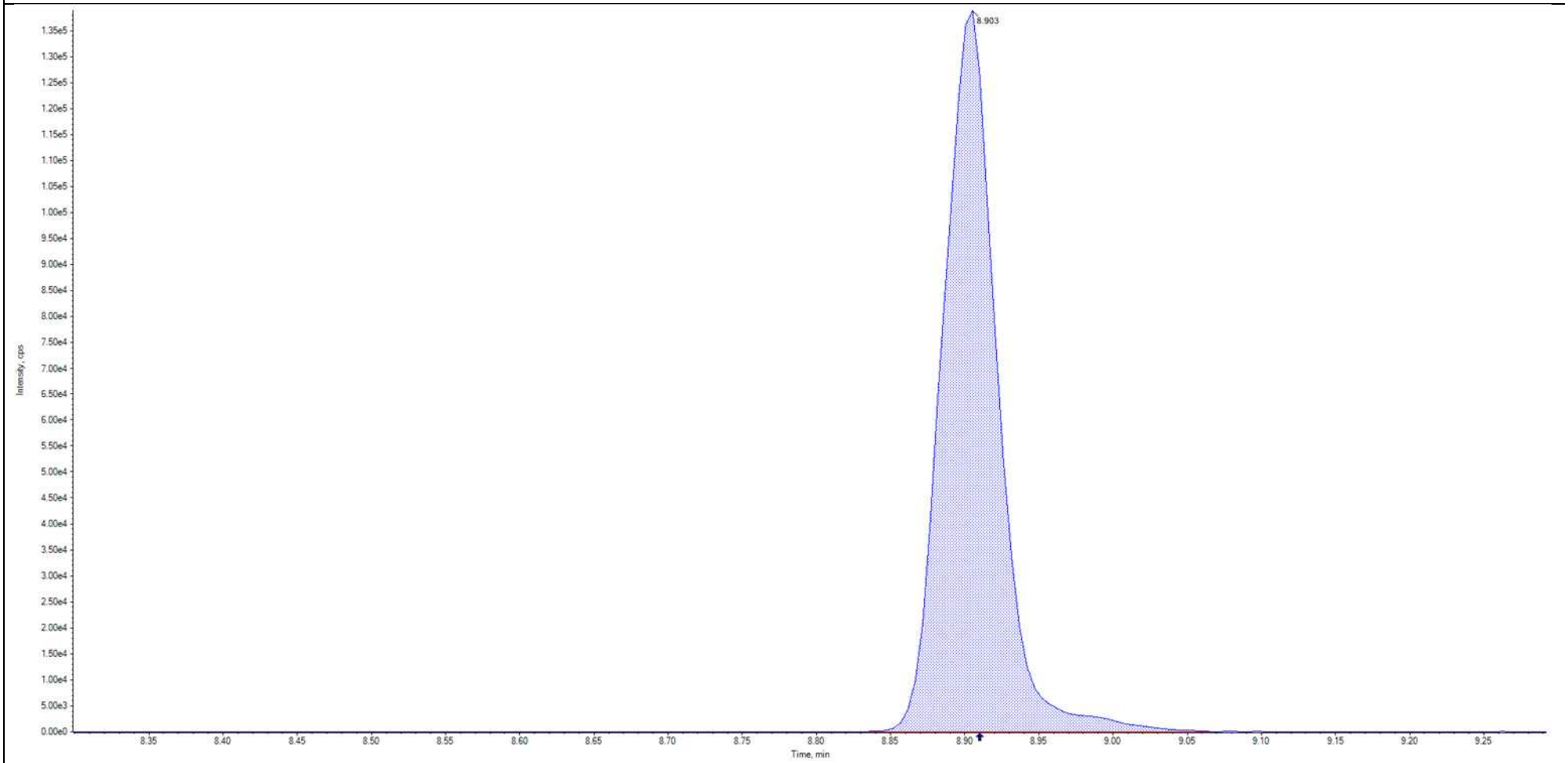
13C6-PFDA
Sample: IA1633STD-5



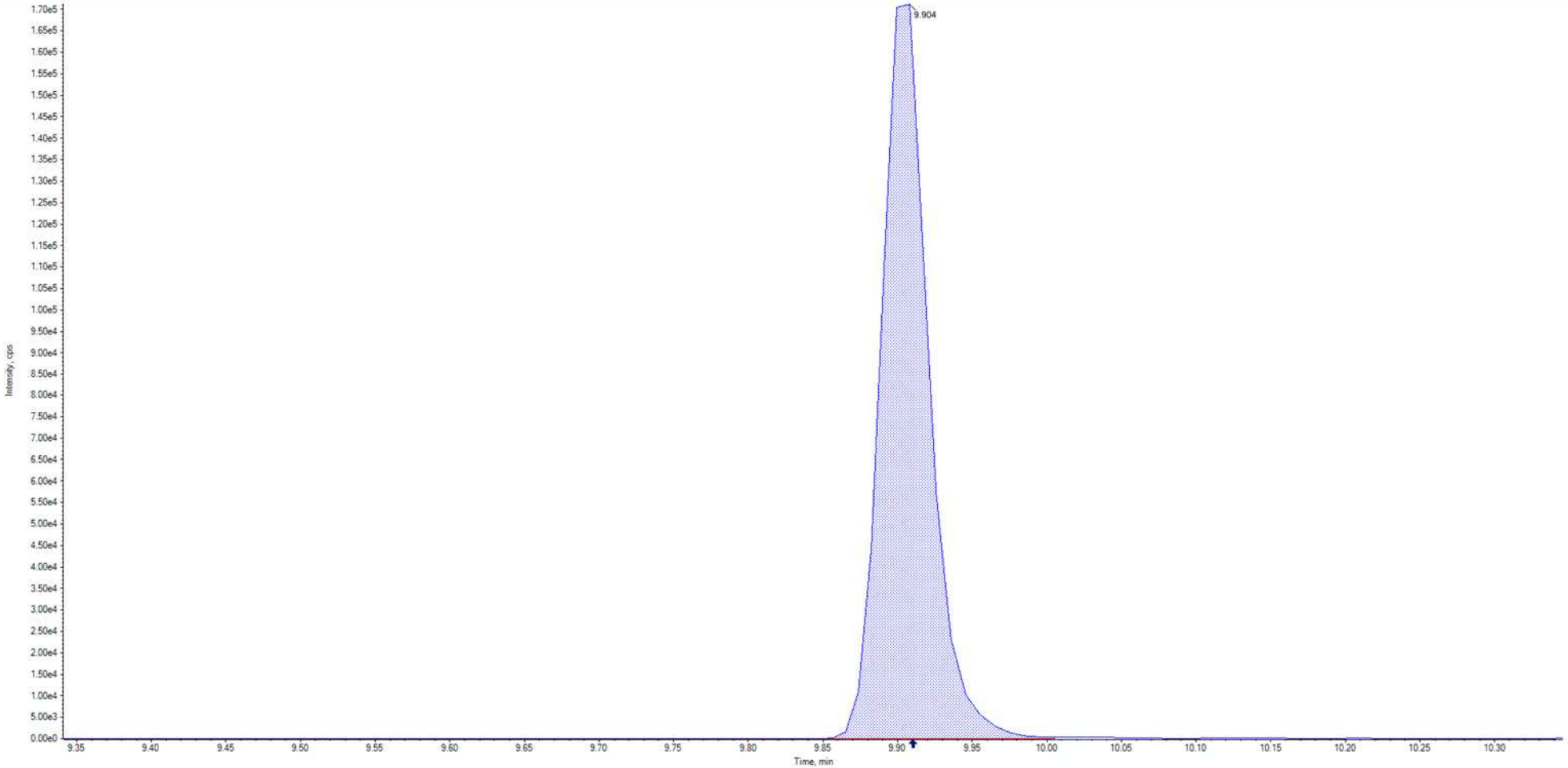
13C7-PFUnA
Sample: IA1633STD-5



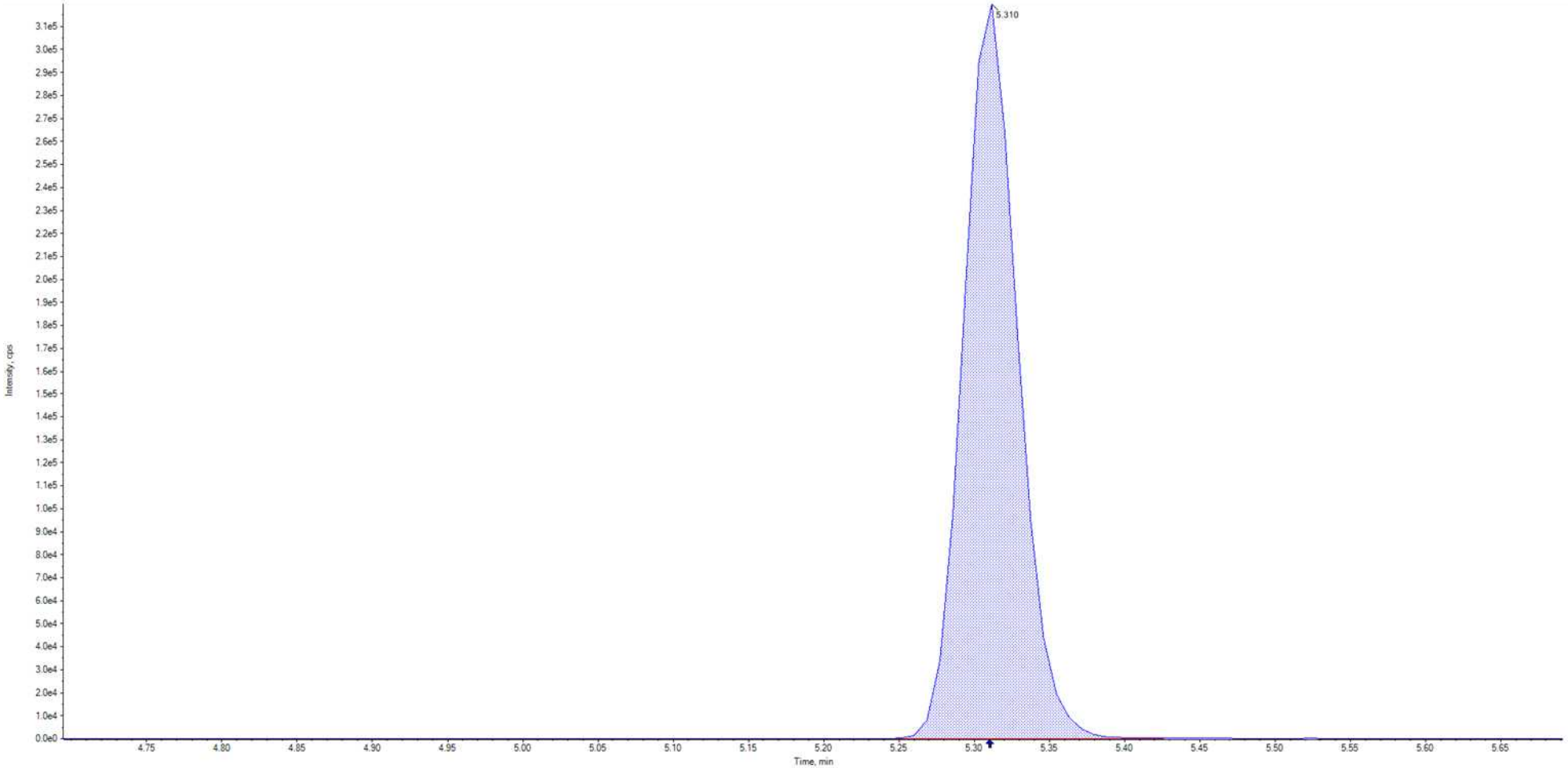
13C2-PFDoA
Sample: IA1633STD-5



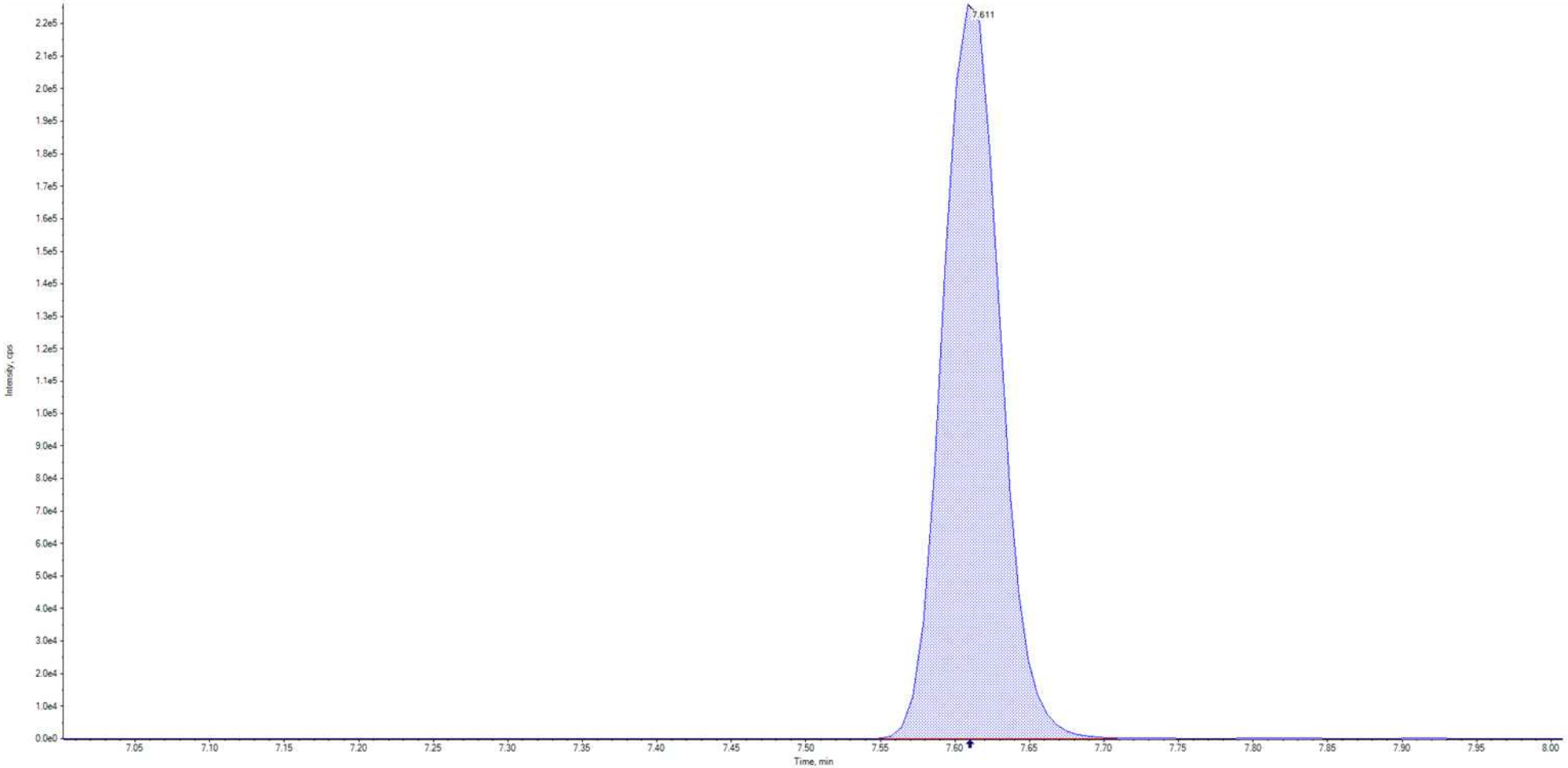
13C2-PFTeDA
Sample: IA1633STD-5



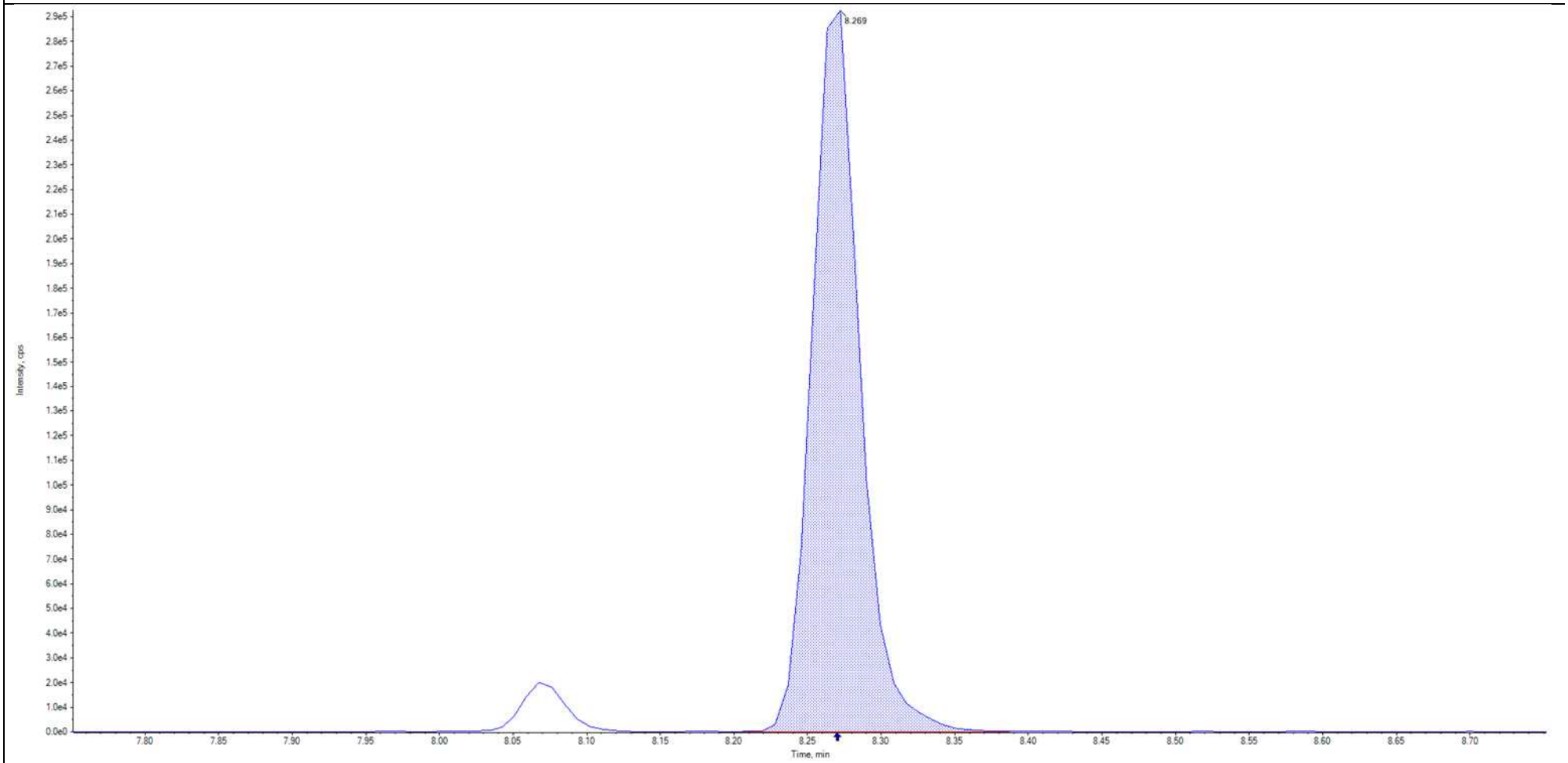
13C3-PFBS
Sample: IA1633STD-5



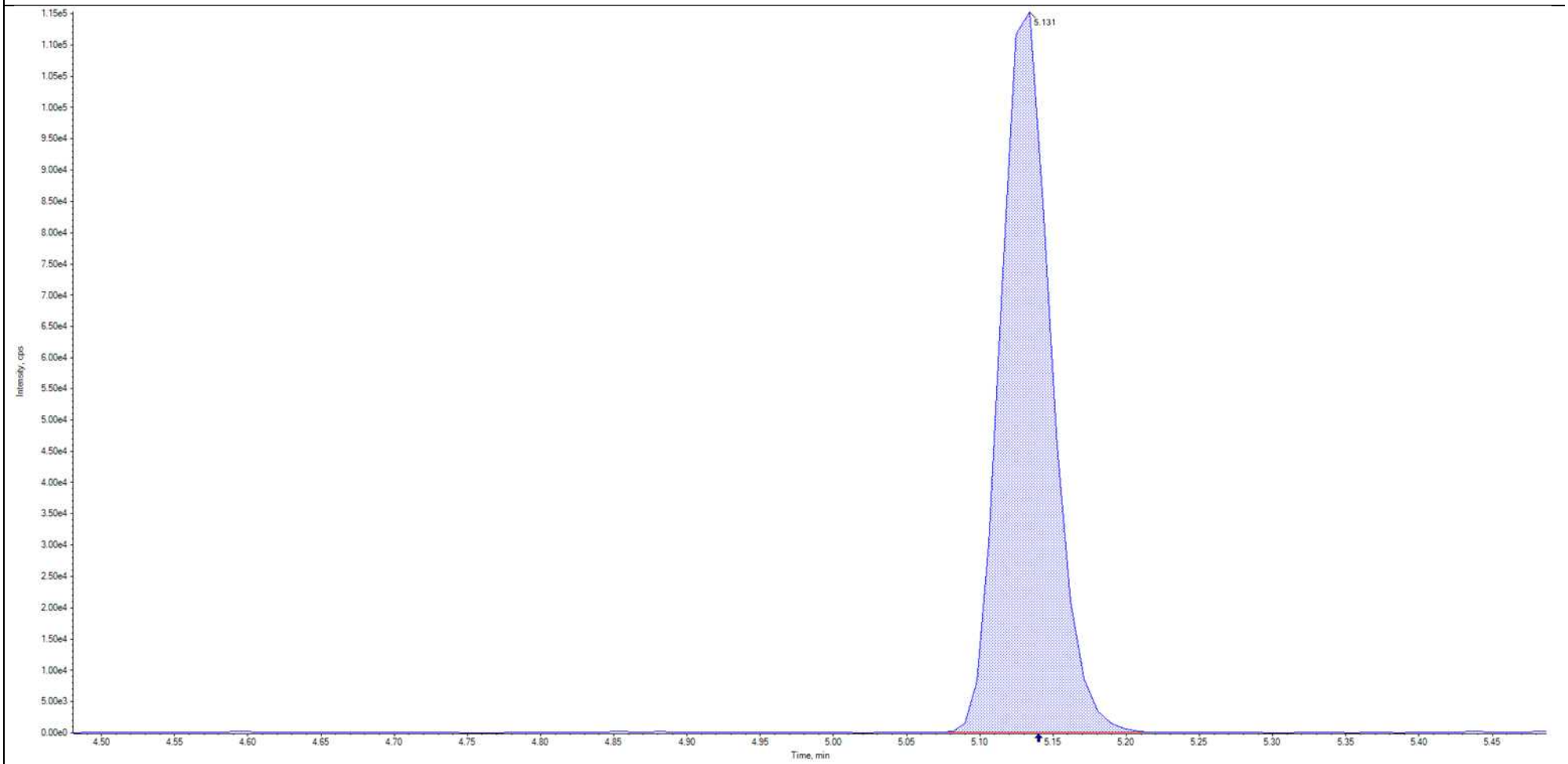
13C3-PFHxS
Sample: IA1633STD-5



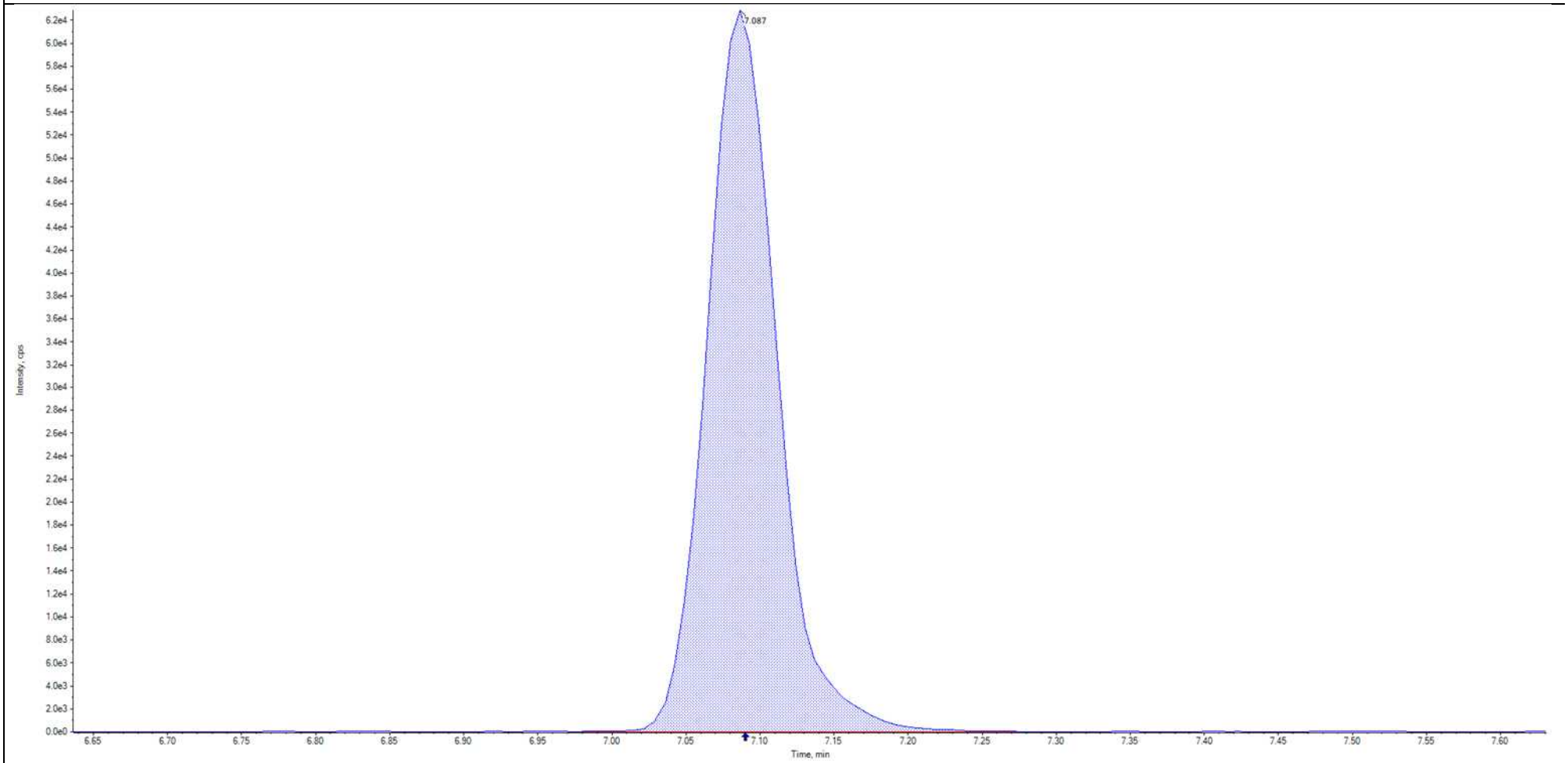
13C8-PFOS
Sample: IA1633STD-5



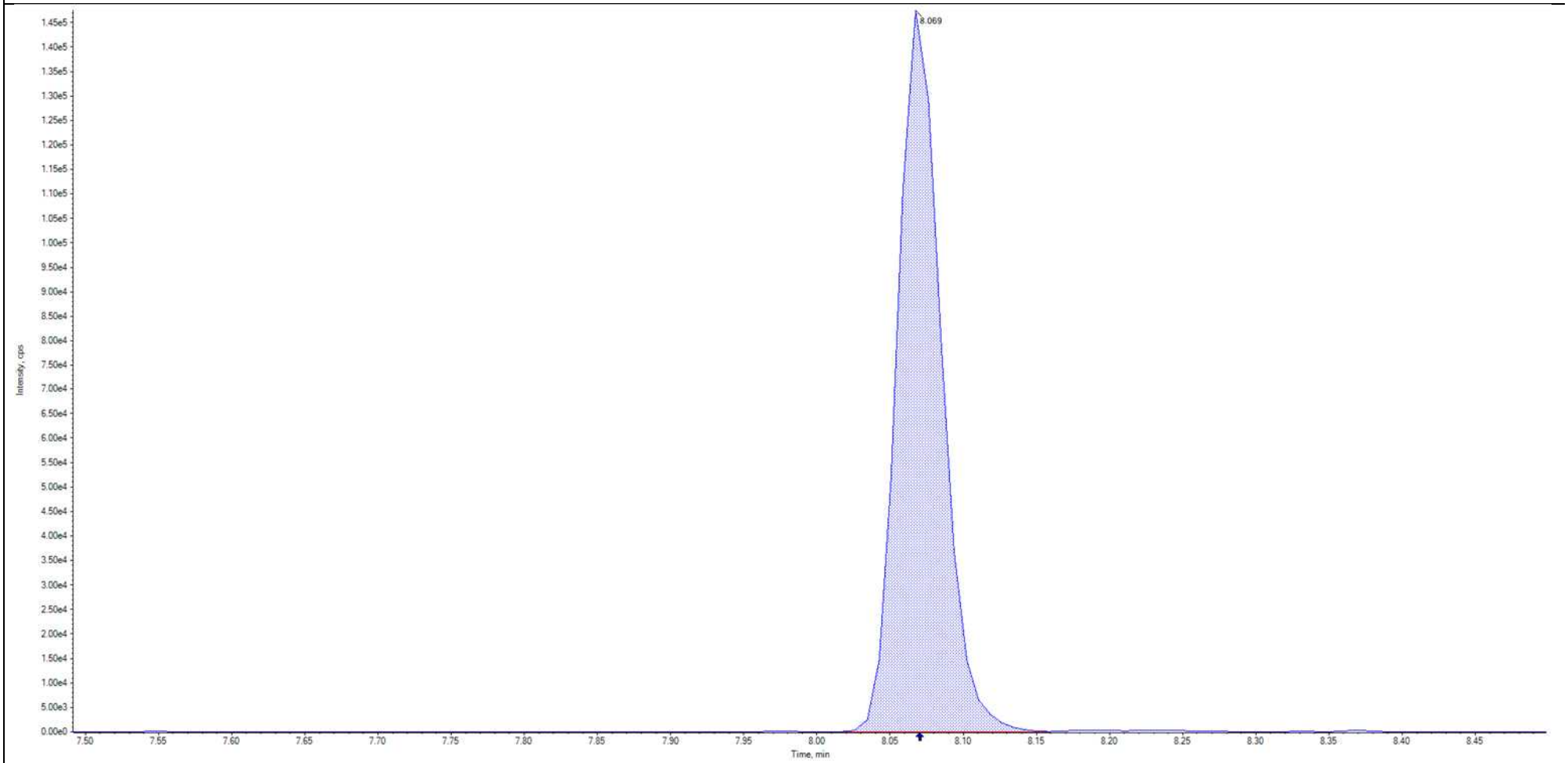
13C2-4:2FTS
Sample: IA1633STD-5



13C2-6:2FTS
Sample: IA1633STD-5

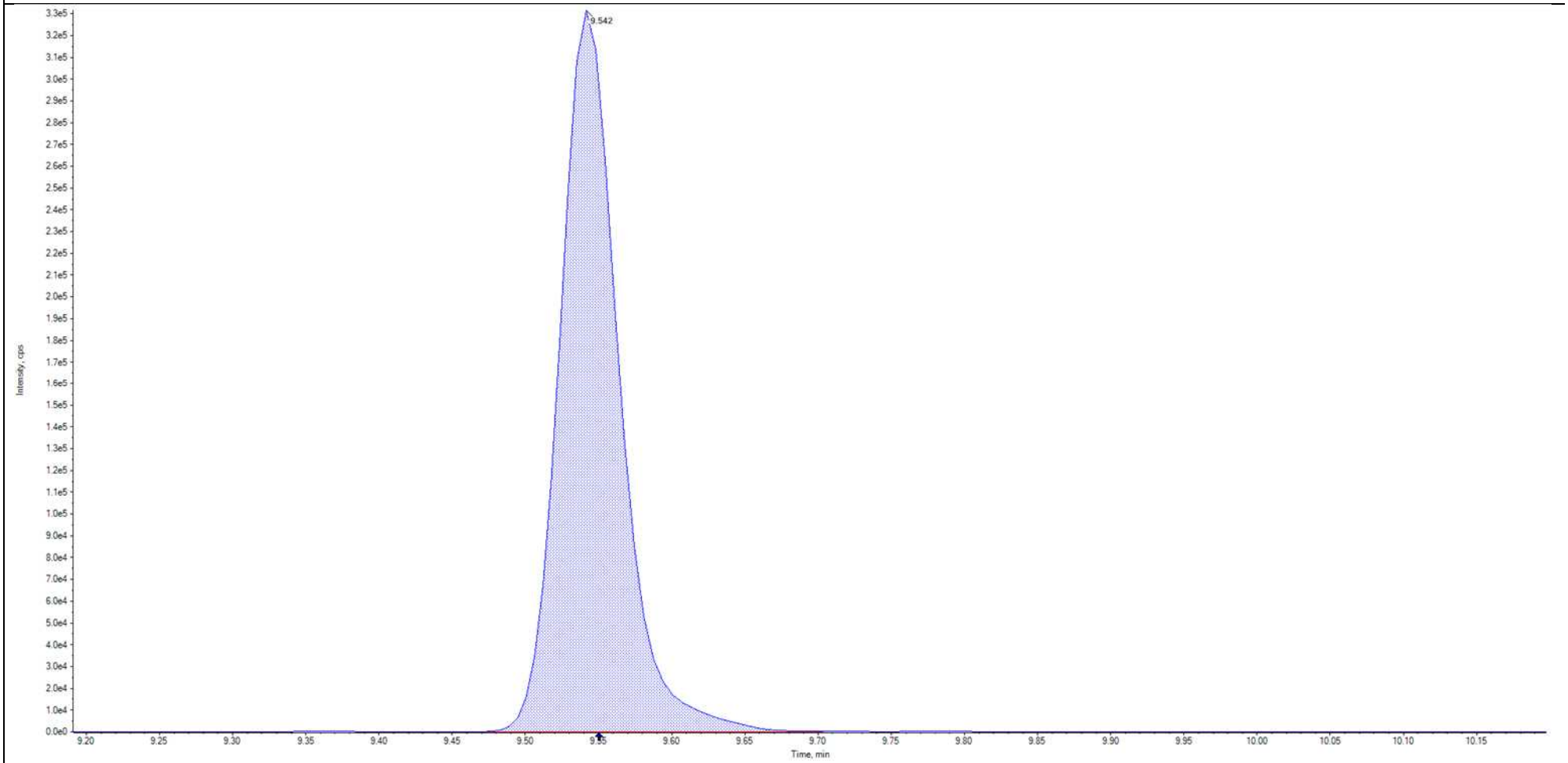


13C2-8:2FTS
Sample: IA1633STD-5

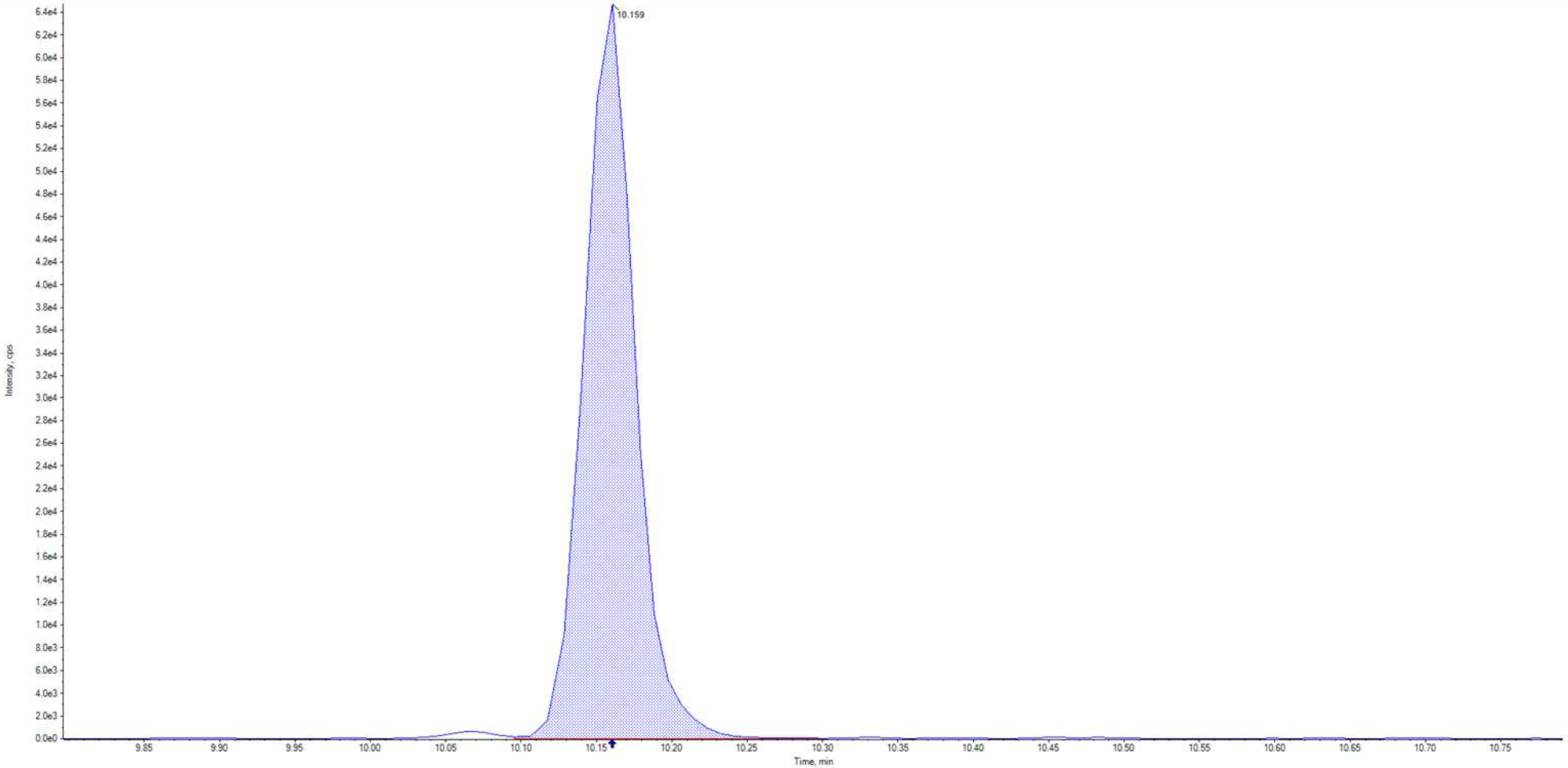


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_76.wiff
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Generated: 8/14/2024 6:27:11 AM

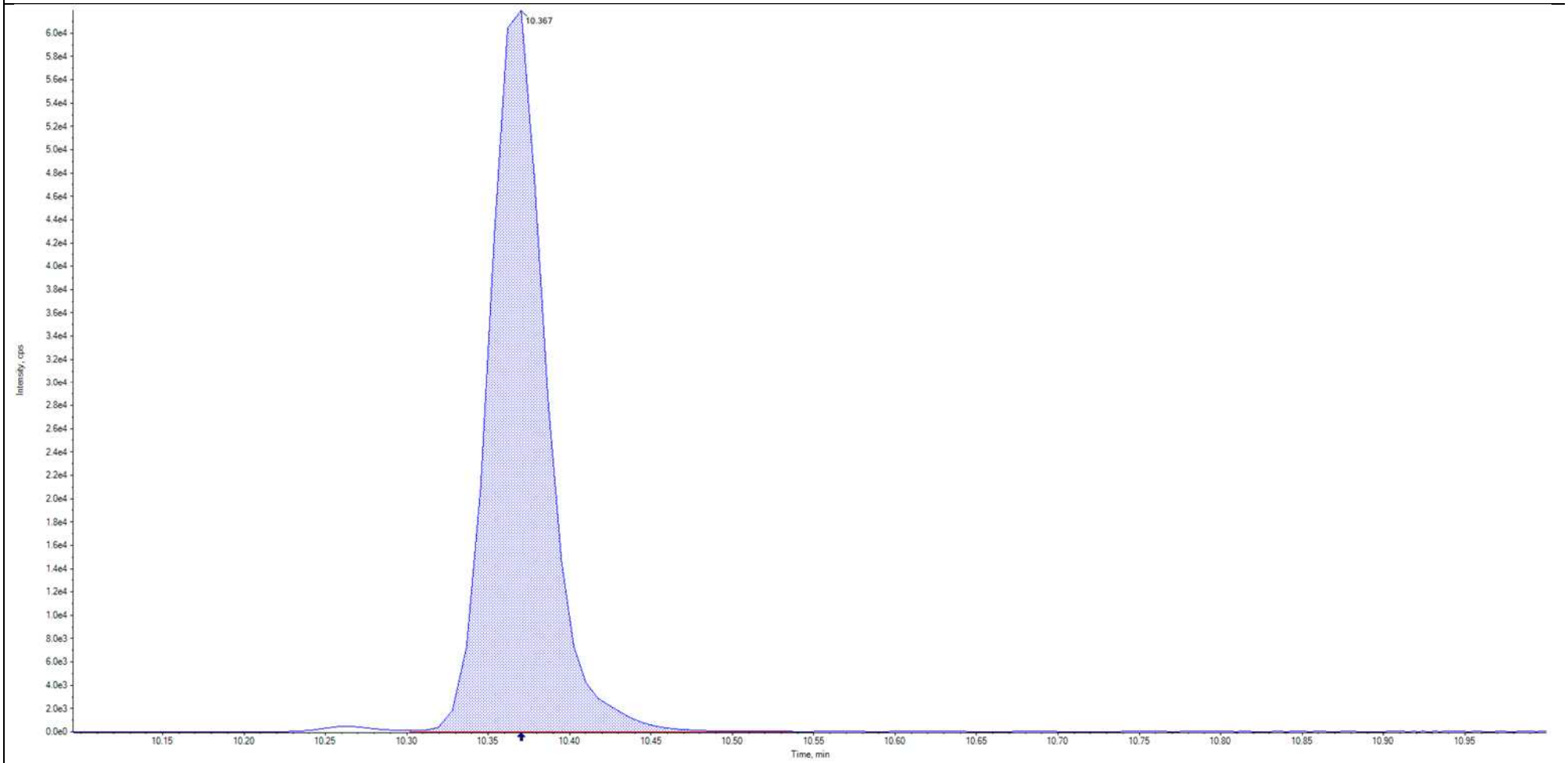
13C8-PFOSA
Sample: IA1633STD-5



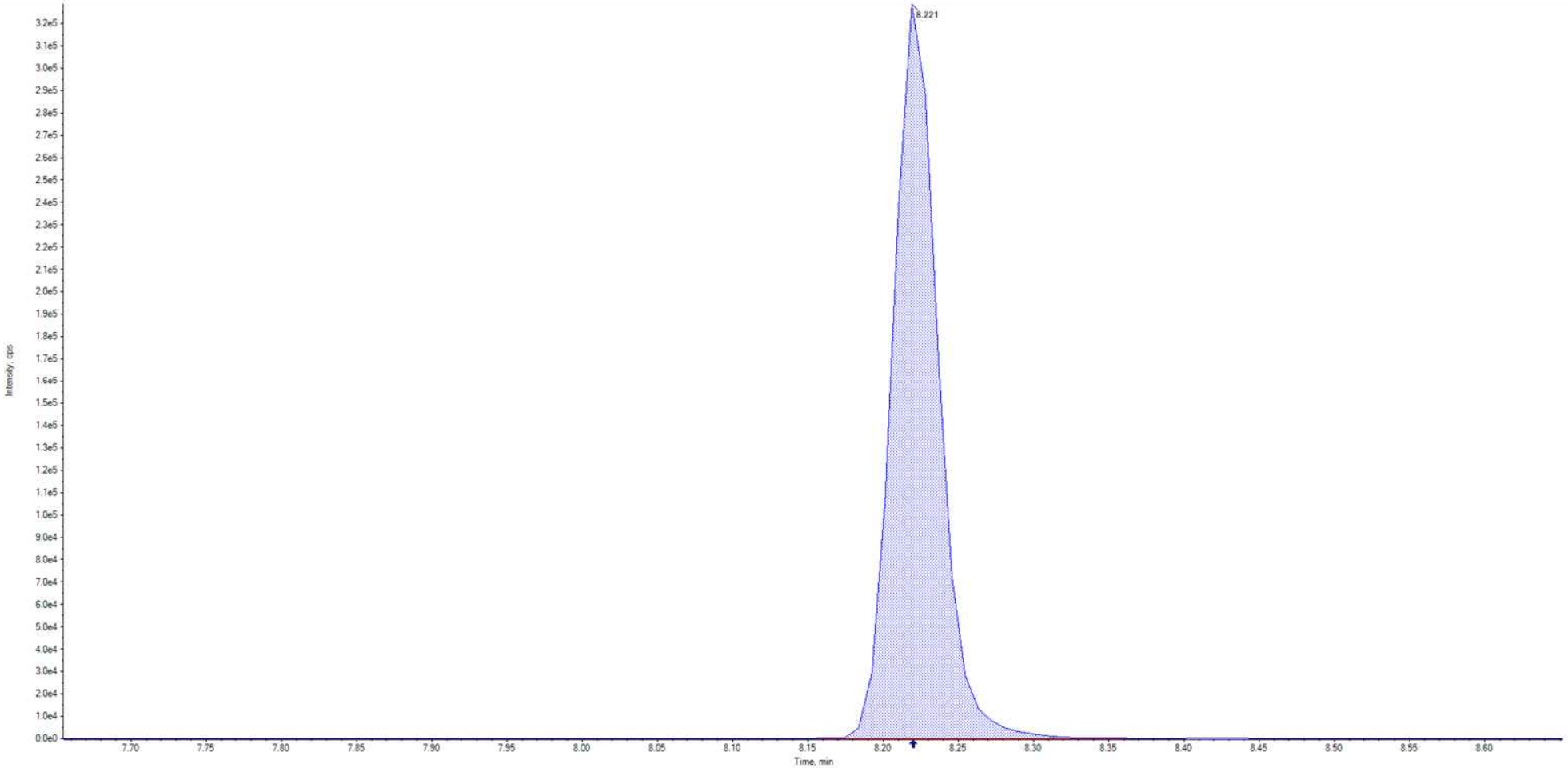
d3-NMeFOSA
Sample: IA1633STD-5



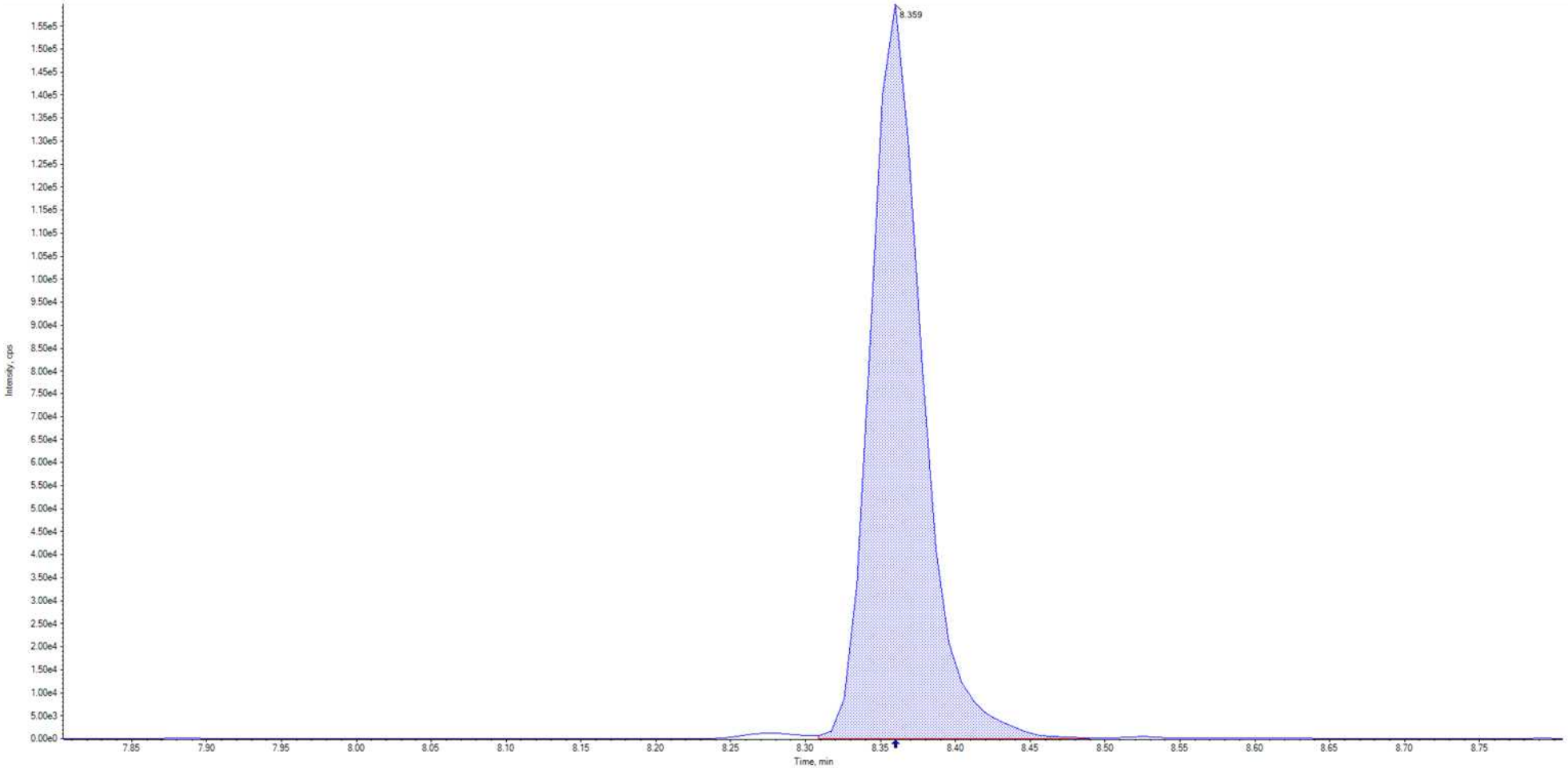
d5-NEtFOSA
Sample: IA1633STD-5



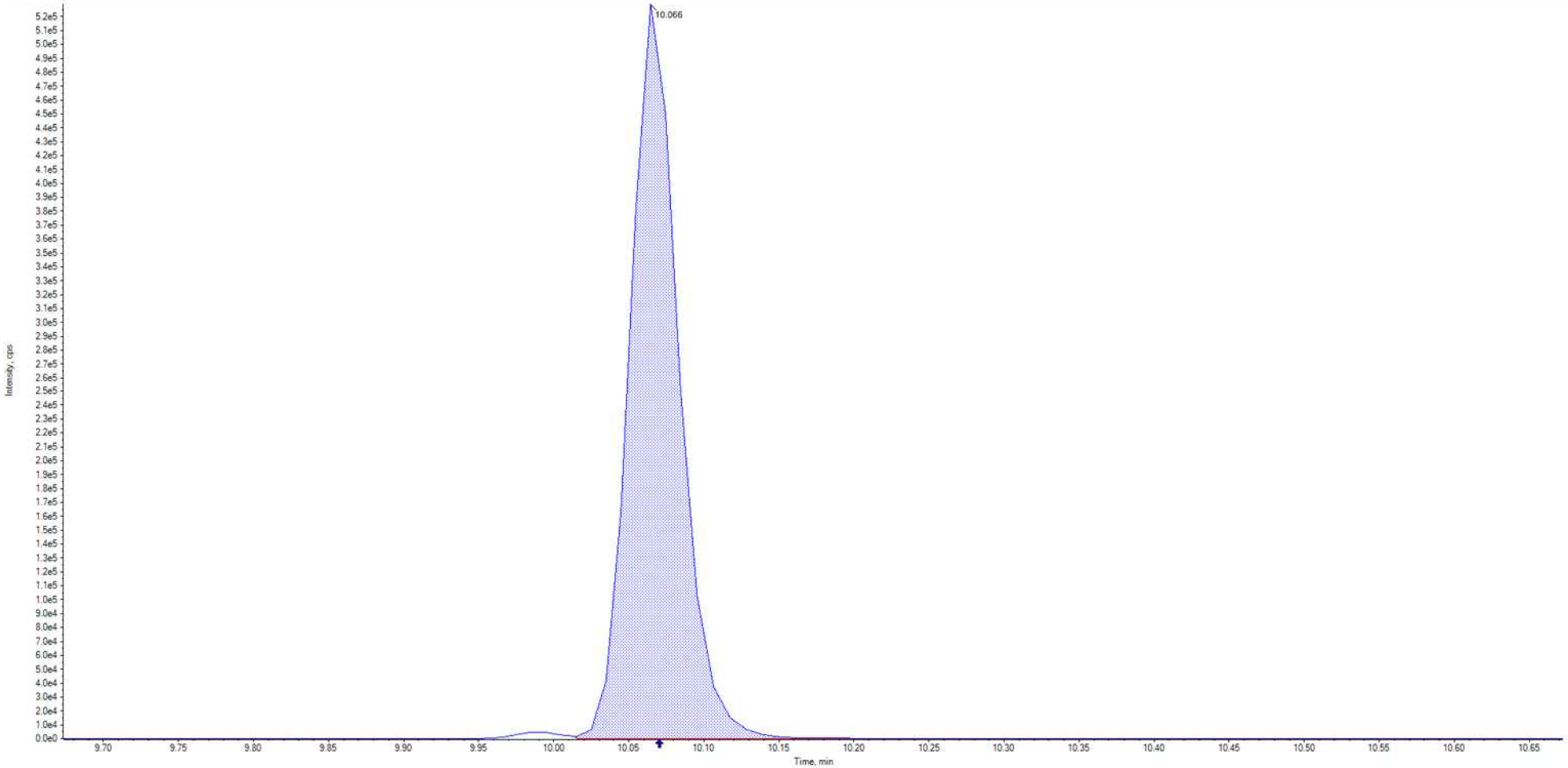
d3-NMeFOSAA
Sample: IA1633STD-5



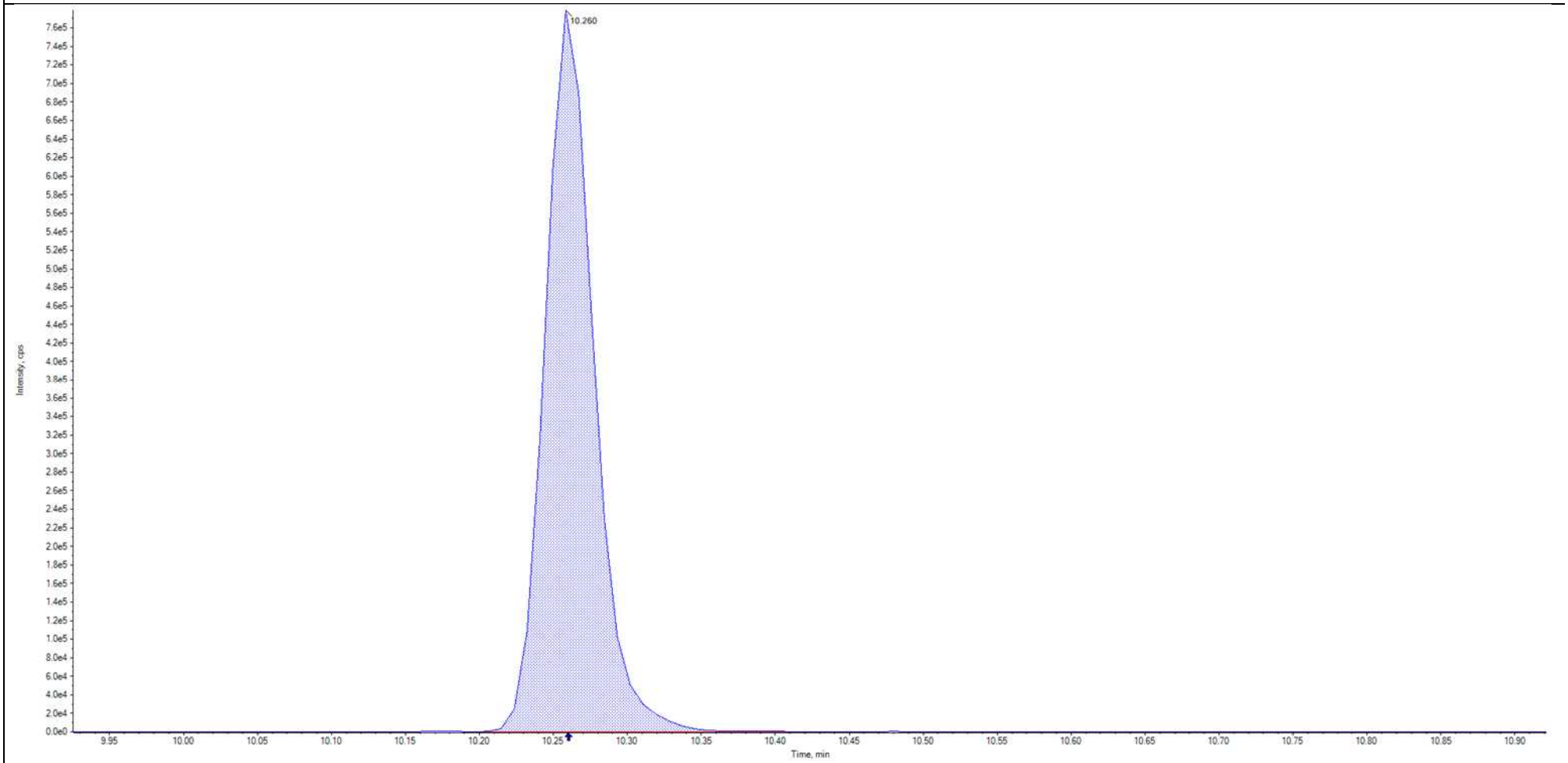
d5-NEtFOSAA
Sample: IA1633STD-5



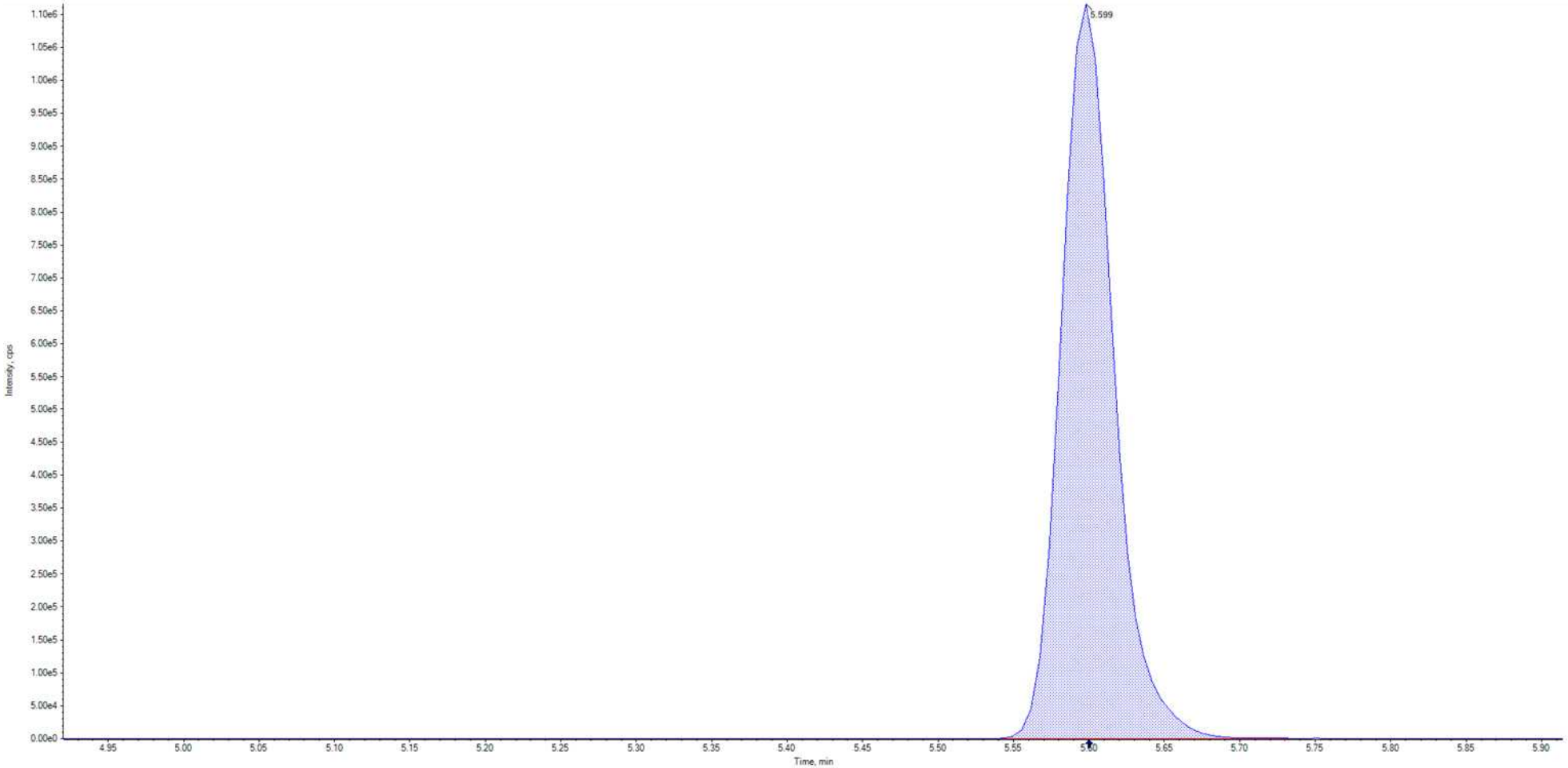
d7-NMeFOSE
Sample: IA1633STD-5



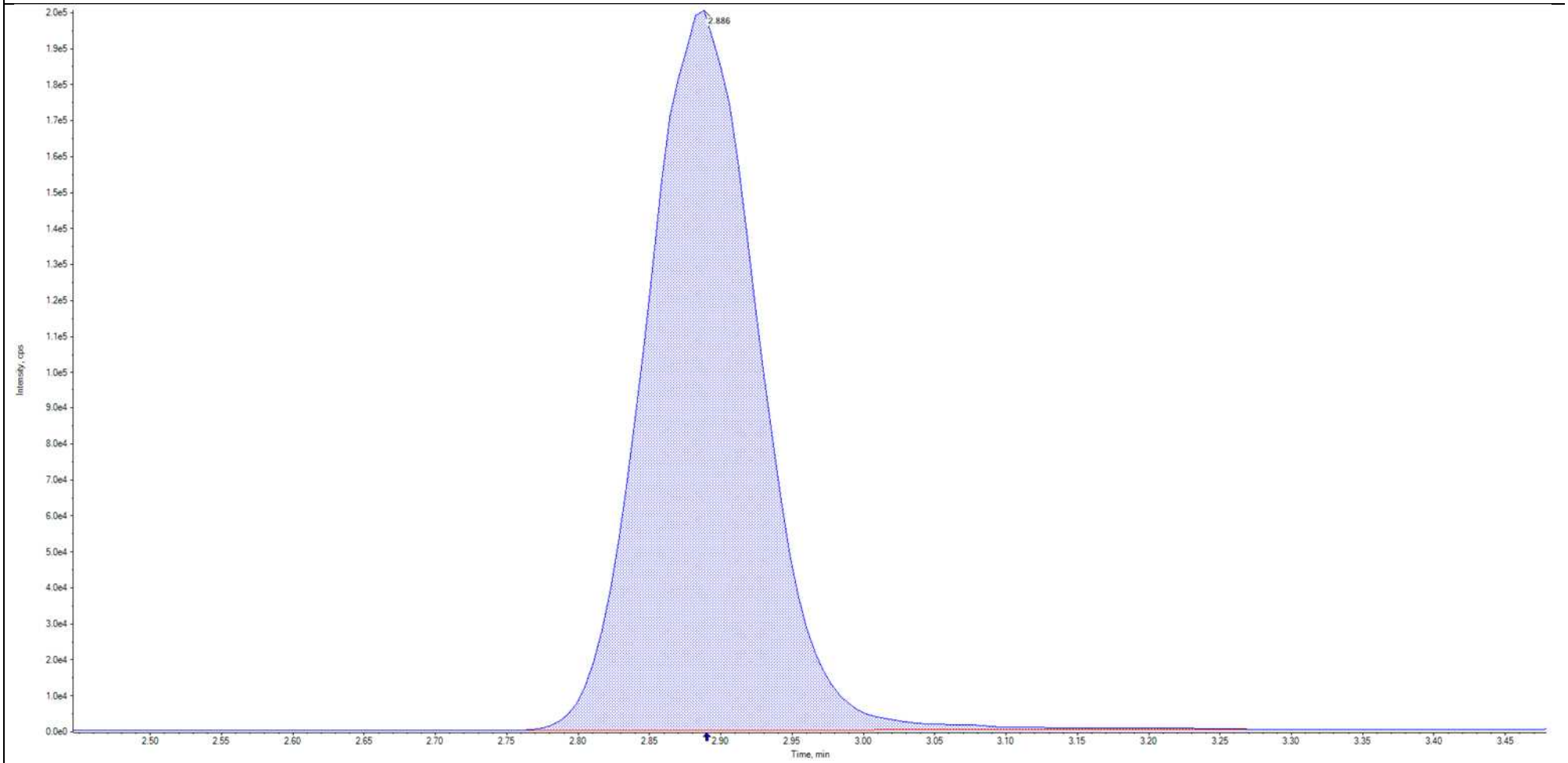
d9-NEtFOSE
Sample: IA1633STD-5



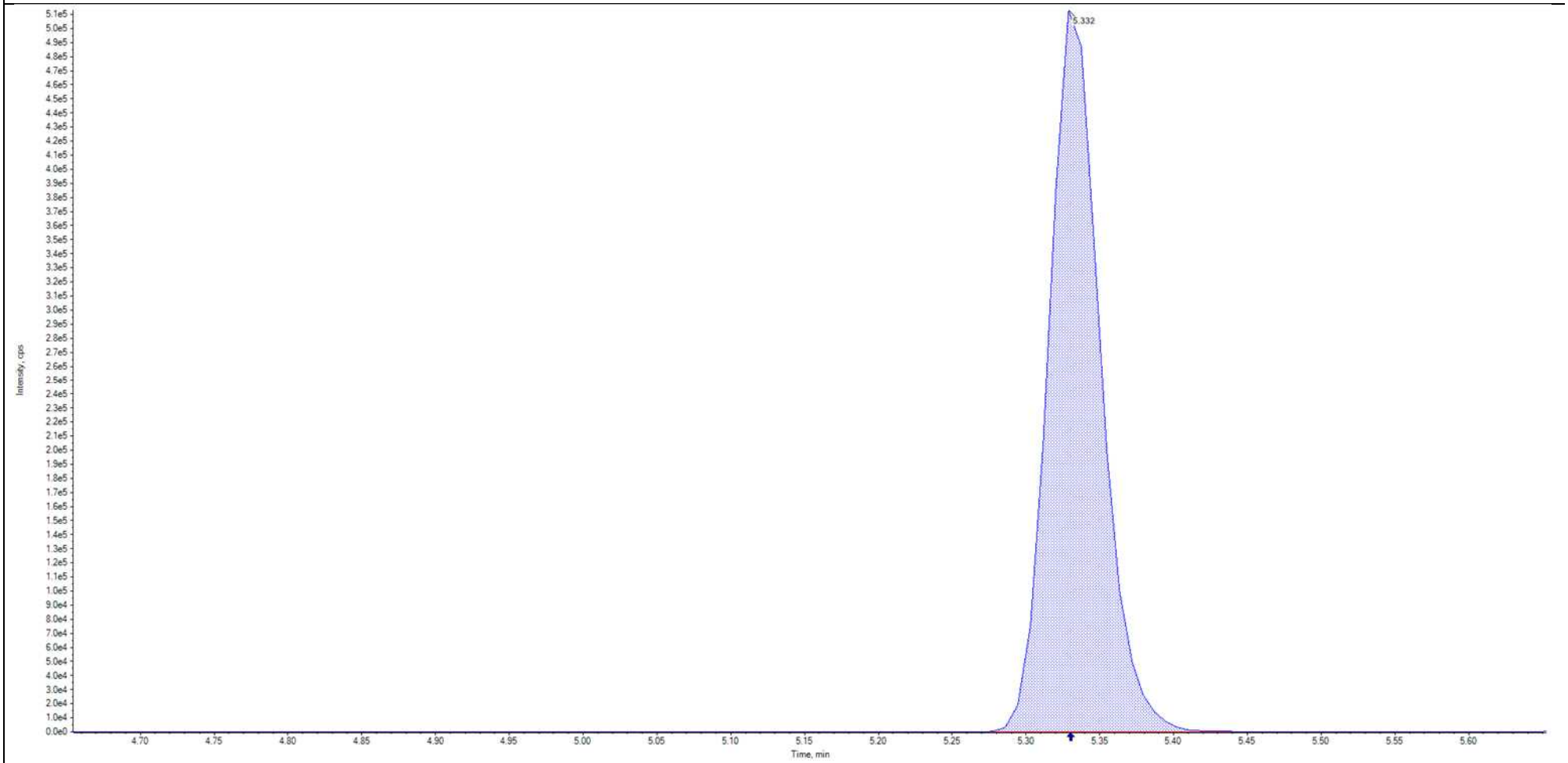
13C3-HFPO-DA
Sample: IA1633STD-5



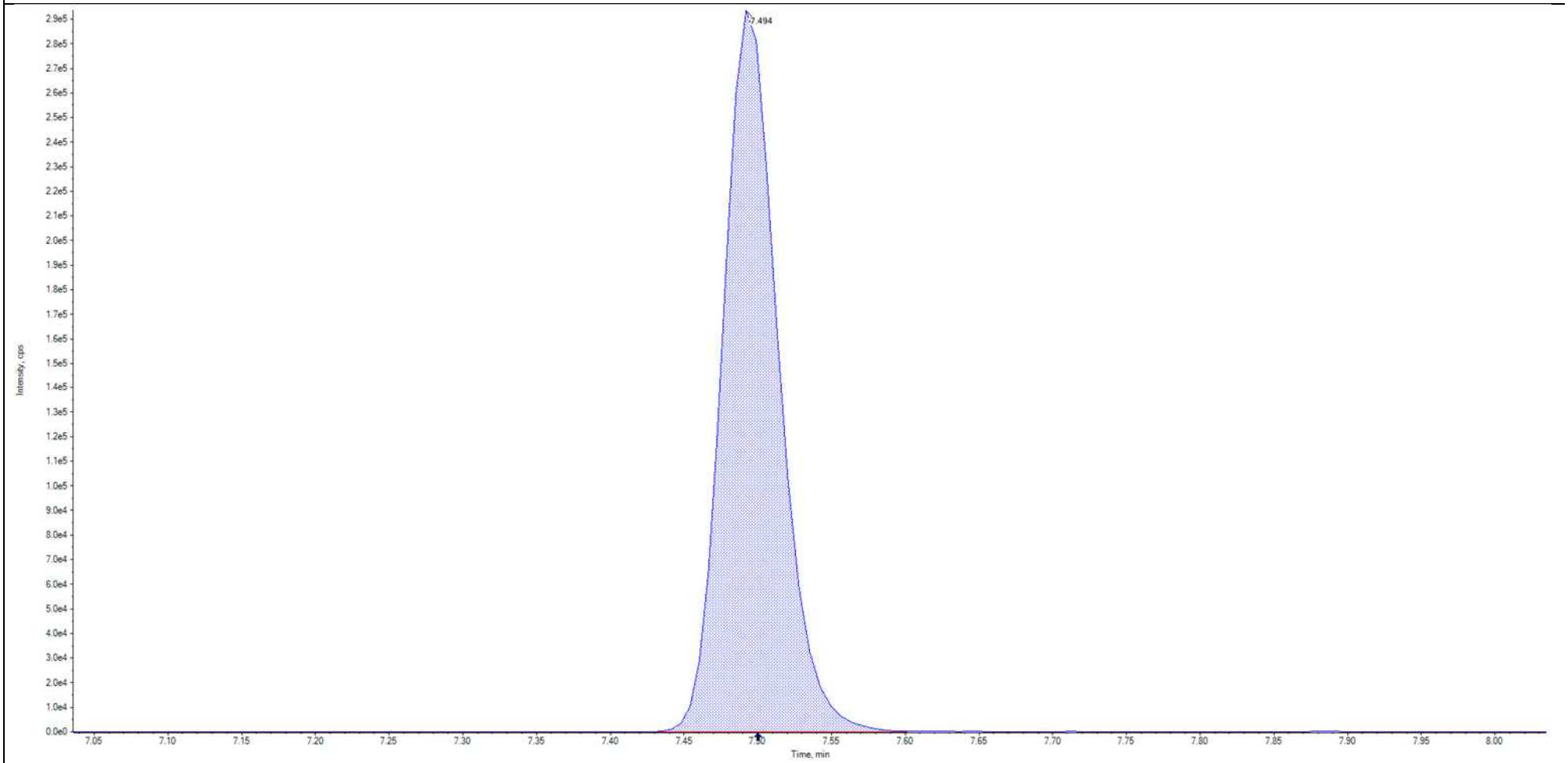
13C3-PFBA
Sample: IA1633STD-5



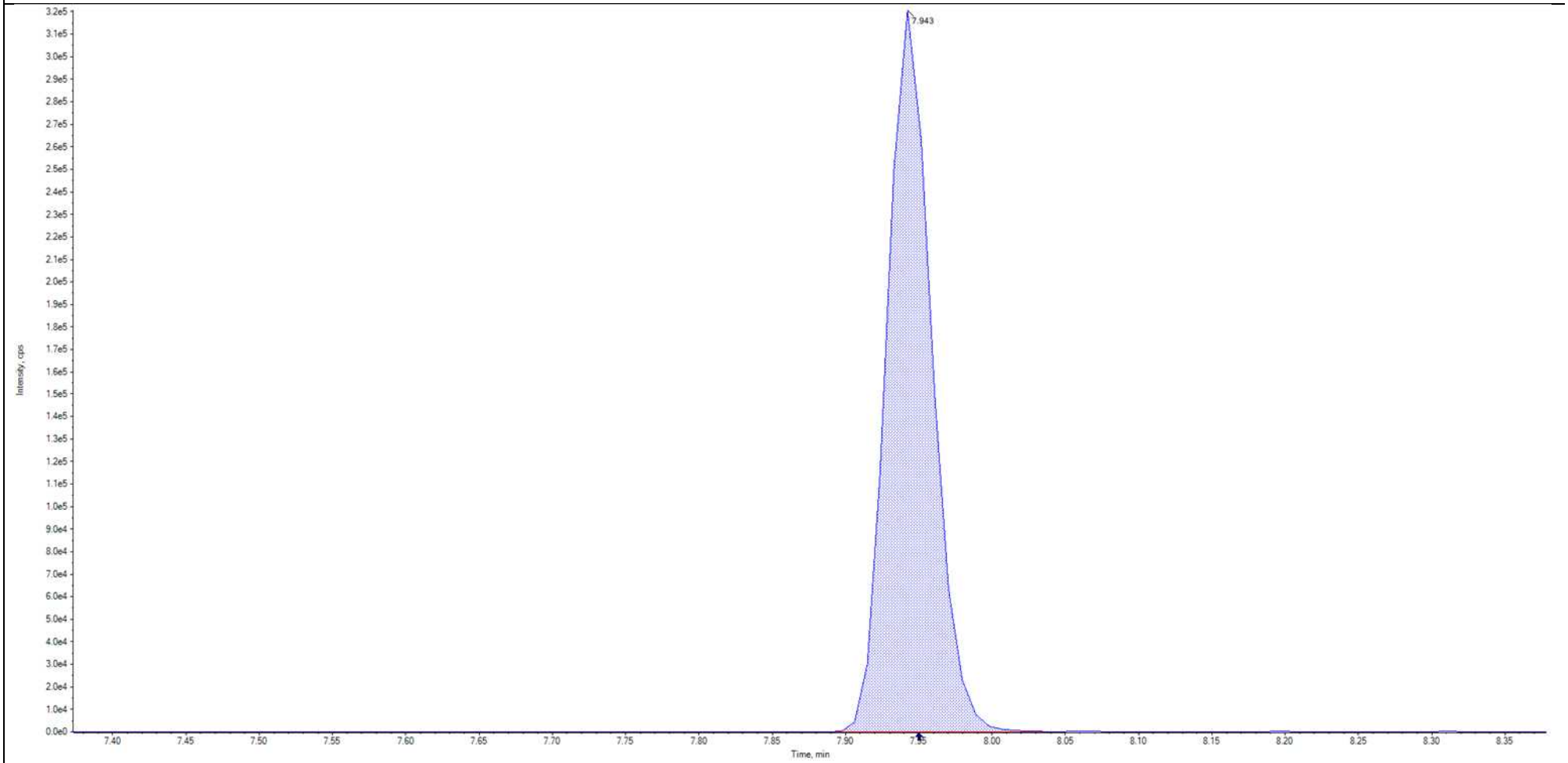
13C2-PFHxA
Sample: IA1633STD-5



13C4-PFOA
Sample: IA1633STD-5

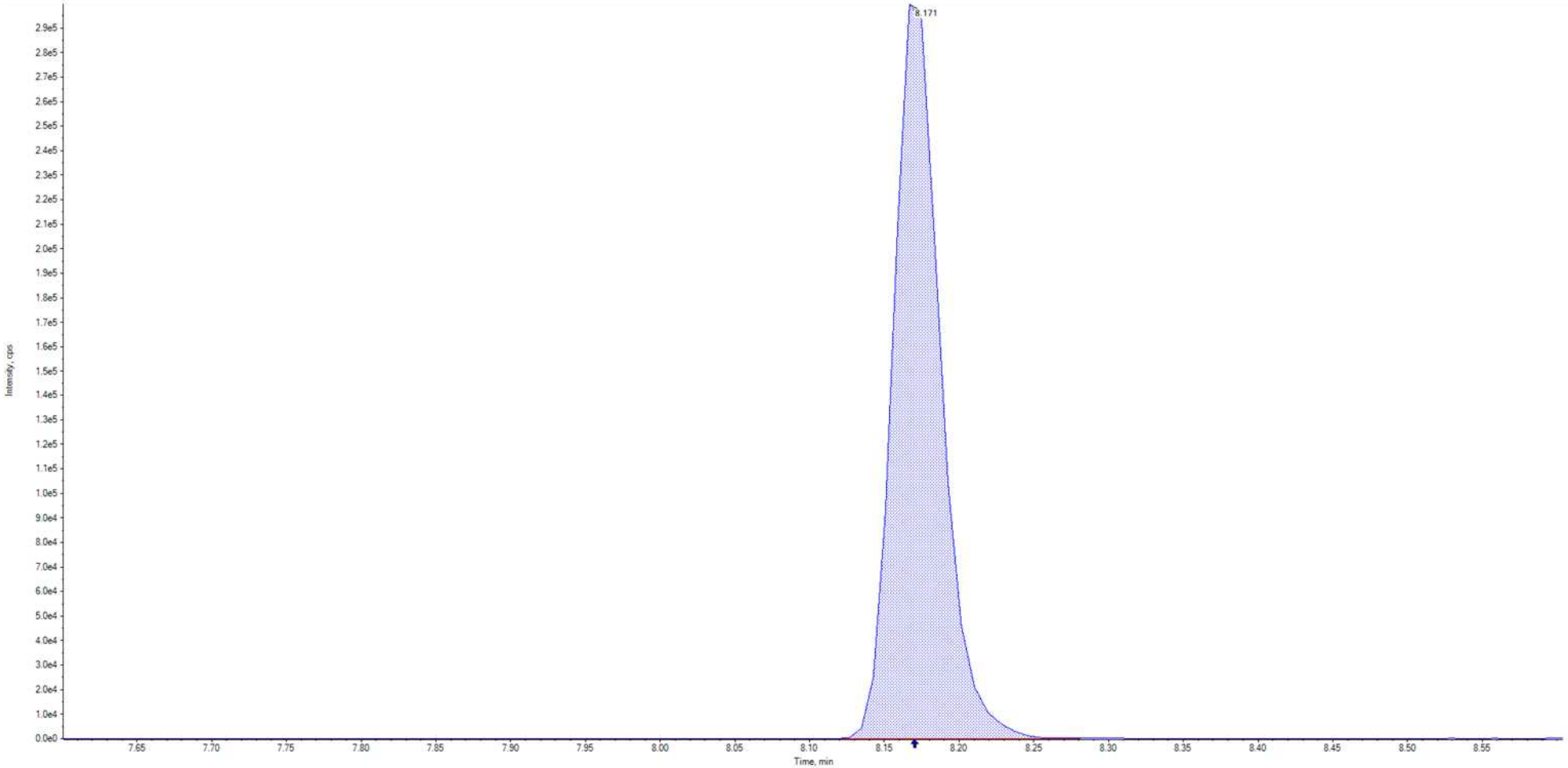


13C5-PFNA
Sample: IA1633STD-5

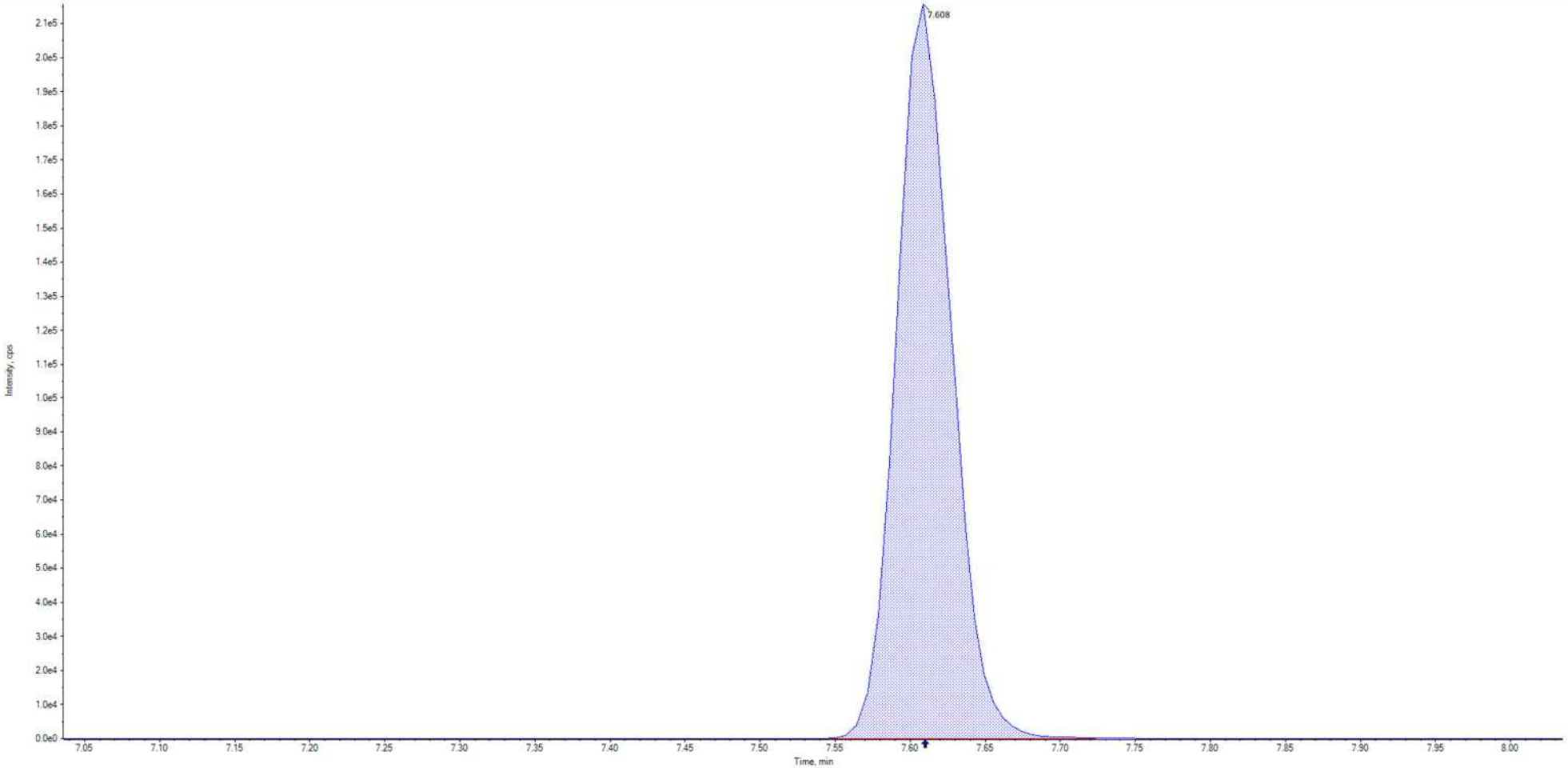


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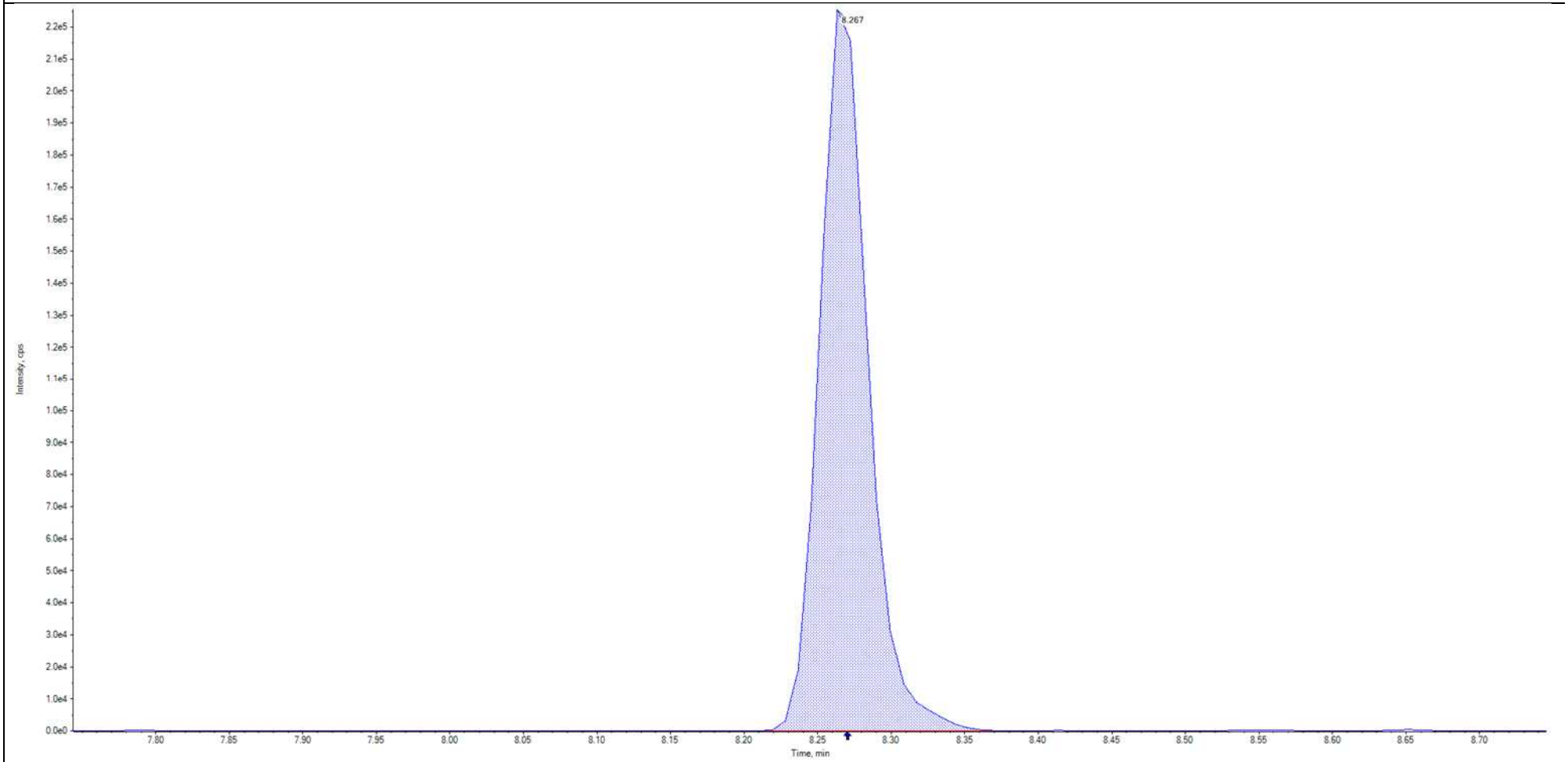
13C2-PFDA
Sample: IA1633STD-5



18O2-PFHxS
Sample: IA1633STD-5



13C4-PFOS
Sample: IA1633STD-5



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
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Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: IA1633STD-12.5
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Description: WG1958909,,,125 ul EPA1633_240813_CAL
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.89	213.0 / 169.0	10163727		53.211	N/A	N/A	N/A	106.4
2	PFPeA	2706-90-3	4.64	263.0 / 219.0	7315685		25.837	0.007	0.007	N/A	103.4
3	PFPeA_2	2706-90-3	4.64	263.0 / 68.9	50009		25.014	0.007	0.007	N/A	100.1
4	PFHxA	307-24-4	5.34	313.0 / 269.0	6556474		12.673	0.070	0.072	Pass	101.4
5	PFHxA_2	307-24-4	5.34	313.0 / 119.0	462043	M7	12.087	0.070	0.072	Pass	96.7
6	PFHpA	375-85-9	6.25	363.1 / 319.0	6242426		12.971	0.300	0.297	Pass	103.8
7	PFHpA_2	375-85-9	6.25	363.1 / 169.0	1871788		12.710	0.300	0.297	Pass	101.7

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.50	413.1 / 369.1	3795945	M5	12.346	0.576	0.586	Pass	98.8
9	PFOA_2	335-67-1	7.50	413.1 / 169.0	2187125	M7	12.983	0.576	0.586	Pass	103.9
10	PFNA	375-95-1	7.95	462.8 / 418.9	5432775	M5	12.994	0.300	0.313	Pass	104.0
11	PFNA_2	375-95-1	7.95	462.8 / 218.9	1628122	M7	12.742	0.300	0.313	Pass	101.9
12	PFDA	335-76-2	8.18	513.1 / 469.1	5967617		13.200	0.155	0.142	Pass	105.6
13	PFDA_2	335-76-2	8.18	513.1 / 219.0	922675		13.617	0.155	0.142	Pass	108.9
14	PFUnA	2058-94-8	8.47	563.1 / 519.1	4390261		13.273	0.188	0.194	Pass	106.2
15	PFUnA_2	2058-94-8	8.47	563.1 / 269.0	826829		12.905	0.188	0.194	Pass	103.2
16	PFDoA	307-55-1	8.90	613.1 / 569.1	4823549		13.054	0.173	0.167	Pass	104.4
17	PFDoA_2	307-55-1	8.90	613.1 / 319.0	833152		13.347	0.173	0.167	Pass	106.8
18	PFTrDA	72629-94-8	9.50	663.1 / 619.1	3032059		13.771	0.218	0.228	Pass	110.2
19	PFTrDA_2	72629-94-8	9.50	663.1 / 169.0	661787		13.495	0.218	0.228	Pass	108.0
20	PFTeDA	376-06-7	9.91	713.1 / 669.1	5094568		12.914	0.134	0.137	Pass	103.3
21	PFTeDA_2	376-06-7	9.91	713.1 / 169.0	683745		12.672	0.134	0.137	Pass	101.4
22	PFBS	375-73-5	5.31	299.1 / 80.1	3919451		11.957	0.380	0.396	Pass	107.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.31	299.1 / 99.1	1488821		11.392	0.380	0.396	Pass	102.8
24	PFPeS	2706-91-4	6.34	349.1 / 80.1	3422752		12.335	0.295	0.299	Pass	104.9
25	PFPeS_2	2706-91-4	6.34	349.1 / 99.1	1009409		12.060	0.295	0.299	Pass	102.5
26	PFHxS	355-46-4	7.61	399.1 / 80.1	3015740	M5	11.613	0.316	0.315	Pass	101.7
27	PFHxS_2	355-46-4	7.61	399.1 / 99.1	954073	M7	11.830	0.316	0.315	Pass	103.5
28	PFHpS	375-92-8	8.01	449.1 / 80.1	3346971		13.024	0.290	0.287	Pass	109.3
29	PFHpS_2	375-92-8	8.01	449.1 / 99.1	971992		12.905	0.290	0.287	Pass	108.3
30	PFOS	1763-23-1	8.27	499.1 / 80.1	3372642	M5	12.326	0.240	0.238	Pass	106.3
31	PFOS_2	1763-23-1	8.27	499.1 / 99.1	809147	M7	12.070	0.240	0.238	Pass	104.1
32	PFNS	68259-12-1	8.63	549.1 / 80.1	2304611		13.119	0.293	0.301	Pass	109.1
33	PFNS_2	68259-12-1	8.63	549.1 / 99.1	674910		12.685	0.293	0.301	Pass	105.5
34	PFDS	335-77-3	9.14	599.1 / 80.1	2184110		12.622	0.283	0.275	Pass	104.6
35	PFDS_2	335-77-3	9.14	599.1 / 99.1	619124		12.979	0.283	0.275	Pass	107.6
36	PFDoS	79780-39-5	10.00	699.2 / 80.1	2057796		12.984	0.286	0.274	Pass	107.1
37	PFDoS_2	79780-39-5	10.00	699.2 / 99.1	588810		13.521	0.286	0.274	Pass	111.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.13	327.1 / 307.1	5291738		46.630	0.536	0.516	Pass	99.5
39	4:2FTS_2	757124-72-4	5.13	327.1 / 81.1	2836949		46.730	0.536	0.516	Pass	99.7
40	6:2FTS	27619-97-2	7.09	427.2 / 407.2	3565584		49.534	0.541	0.565	Pass	104.3
41	6:2FTS_2	27619-97-2	7.09	427.2 / 81.1	1927887		49.516	0.541	0.565	Pass	104.2
42	8:2FTS	39108-34-4	8.07	527.2 / 507.2	4038399		51.281	0.651	0.662	Pass	106.8
43	8:2FTS_2	39108-34-4	8.07	527.2 / 81.1	2627198		49.184	0.651	0.662	Pass	102.5
44	PFOSA	754-91-6	9.54	498.1 / 78.1	3171379	M5	13.140	0.025	0.025	Pass	105.1
45	PFOSA_2	754-91-6	9.54	498.1 / 478.0	78042	M7	12.324	0.025	0.025	Pass	98.6
46	NMeFOSA	31506-32-8	10.17	512.2 / 219.0	895612	M5	13.670	1.489	1.551	Pass	109.4
47	NMeFOSA_2	31506-32-8	10.13	512.2 / 169.0	1333212	M7	13.132	1.489	1.551	Pass	105.1
48	NEtFOSA	4151-50-2	10.38	526.2 / 219.0	887257	M5	13.440	1.307	1.285	Pass	107.5
49	NEtFOSA_2	4151-50-2	10.34	526.2 / 169.0	1159835	M7	13.124	1.307	1.285	Pass	105.0
50	NMeFOSAA	2355-31-9	8.22	570.2 / 419.1	1169398		12.813	0.644	0.700	Pass	102.5
51	NMeFOSAA_2	2355-31-9	8.22	570.2 / 483.0	752987		12.973	0.644	0.700	Pass	103.8
52	NEtFOSAA	2991-50-6	8.36	584.2 / 419.1	895167		13.022	0.486	0.487	Pass	104.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.36	584.2 / 526.2	435214	M7	13.758	0.486	0.487	Pass	110.1
54	NMeFOSE	24448-09-7	10.08	616.1 / 58.9	16436198	M5	131.219	N/A	N/A	N/A	105.0
55	NEtFOSE	1691-99-2	10.28	630.0 / 58.9	27604824	M5	131.072	N/A	N/A	N/A	104.9
56	HFPO-DA	13252-13-6	5.60	285.0 / 169.0	13116686		52.648	0.464	0.464	Pass	105.3
57	HFPO-DA_2	13252-13-6	5.60	285.0 / 184.9	6086089		52.533	0.464	0.464	Pass	105.1
58	ADONA	919005-14-4	6.71	377.1 / 251.0	28514834		50.326	0.604	0.634	Pass	106.5
59	ADONA_2	919005-14-4	6.71	377.1 / 84.8	17225235		46.984	0.604	0.634	Pass	99.4
60	9Cl-PF3ONS	756426-58-1	8.50	530.8 / 351.1	26617233		47.643	0.327	0.322	Pass	101.9
61	9Cl-PF3ONS_2	756426-58-1	8.50	532.8 / 353.0	8690546		47.768	0.327	0.322	Pass	102.2
62	11Cl-PF3OUdS	763051-92-9	9.57	630.9 / 451.0	17563776		49.771	0.335	0.331	Pass	105.3
63	11Cl-PF3OUdS_2	763051-92-9	9.57	632.9 / 452.9	5888904		49.584	0.335	0.331	Pass	104.9
64	3:3FTCA	356-02-5	4.91	241.1 / 177.1	1725859		70.270	0.983	1.074	Pass	112.4
65	3:3FTCA_2	356-02-5	4.91	241.1 / 117.0	1697178		68.997	0.983	1.074	Pass	110.4
66	5:3FTCA	914637-49-3	7.16	341.1 / 237.1	29042126		309.438	0.960	0.953	Pass	99.0
67	5:3FTCA_2	914637-49-3	7.16	341.1 / 217.0	27873456		313.862	0.960	0.953	Pass	100.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.21	441.1 / 316.9	29960681		286.749	1.303	1.558	Pass	91.8
69	7:3FTCA_2	812-70-4	8.21	441.1 / 337.1	39034896		257.452	1.303	1.558	Pass	82.4
70	PFEESA	113507-82-7	5.71	315.1 / 135.0	20195715		22.500	0.085	0.087	Pass	101.1
71	PFEESA_2	113507-82-7	5.70	315.1 / 82.9	1712125		22.079	0.085	0.087	Pass	99.2
72	PFMPA	377-73-1	3.84	229.0 / 85.0	875313		25.540	N/A	N/A	N/A	102.2
73	PFMBA	863090-89-5	4.87	279.0 / 85.0	12117026		26.222	N/A	N/A	N/A	104.9
74	NFDHA	151772-58-6	5.25	295.0 / 201.0	2327402		24.630	0.872	0.910	Pass	98.5
75	NFDHA_2	151772-58-6	5.25	295.0 / 84.9	2029267		23.425	0.872	0.910	Pass	93.7
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.12	333.2 / 312.1	967104		5.097	N/A	N/A	N/A	101.9
79	13C2-PFOA	Surr	7.50	415.0 / 370.0	3402324		2.481	N/A	N/A	N/A	99.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2355326		9.644	NA	NA	NA	96.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.63	268.0 / 223.0	1535510		4.774	NA	NA	NA	95.5
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	1061529		2.512	NA	NA	NA	100.5
	13C4-PFHpA	EIS	6.24	367.0 / 322.0	1027376		2.429	NA	NA	NA	97.1
	13C8-PFOA	EIS	7.49	421.0 / 376.0	1477443		2.386	NA	NA	NA	95.4
	13C9-PFNA	EIS	7.94	472.0 / 427.0	714001		1.215	NA	NA	NA	97.2
	13C6-PFDA	EIS	8.17	519.0 / 474.0	655762		1.181	NA	NA	NA	94.5
	13C7-PFUnA	EIS	8.46	570.0 / 525.0	523228		1.165	NA	NA	NA	93.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.90	615.1 / 570.0	355193		1.216	NA	NA	NA	97.3
	13C2-PFTeDA	EIS	9.90	715.1 / 670.1	393552		1.241	NA	NA	NA	99.3
	13C3-PFBS	EIS	5.30	302.1 / 80.1	781298		2.210	NA	NA	NA	94.8
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	650579		2.317	NA	NA	NA	97.8
	13C8-PFOS	EIS	8.27	507.1 / 80.1	666128		2.236	NA	NA	NA	93.3
	13C2-4:2FTS	EIS	5.13	329.1 / 81.1	271580		4.304	NA	NA	NA	91.8
	13C2-6:2FTS	EIS	7.08	429.2 / 81.1	208647		4.512	NA	NA	NA	94.9
	13C2-8:2FTS	EIS	8.07	529.2 / 81.1	298236		4.407	NA	NA	NA	91.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	902744		2.279	NA	NA	NA	91.2
	d3-NMeFOSA	EIS	10.16	515.2 / 219.0	152968		2.294	NA	NA	NA	91.8
	d5-NEtFOSA	EIS	10.37	531.2 / 219.0	150279		2.307	NA	NA	NA	92.3
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	693534		4.601	NA	NA	NA	92.0
	d5-NEtFOSAA	EIS	8.36	589.3 / 419.1	368677		4.654	NA	NA	NA	93.1
	d7-NMeFOSE	EIS	10.07	623.2 / 58.9	1269350		24.650	NA	NA	NA	98.6
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1794100		23.631	NA	NA	NA	94.5

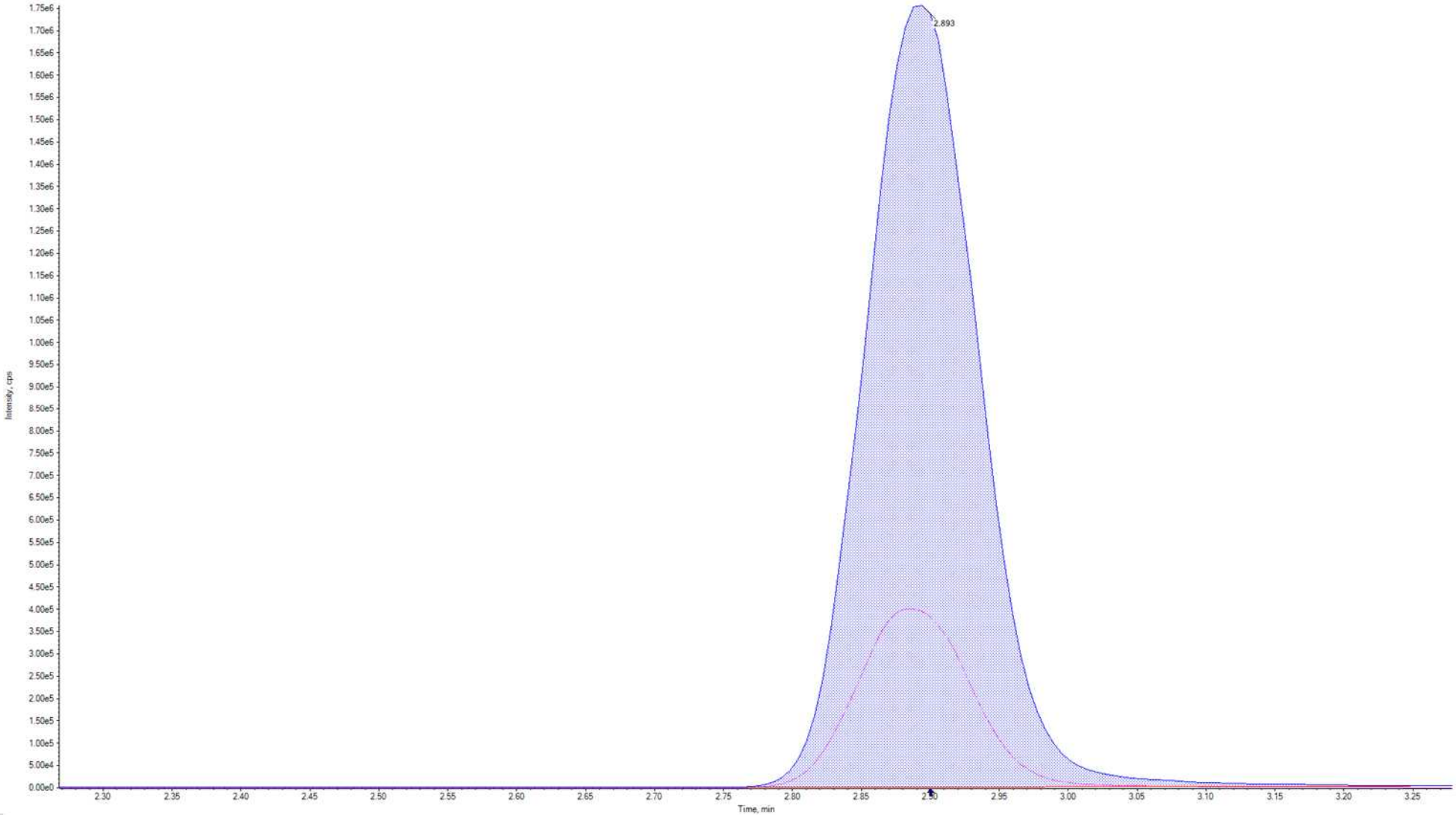
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.59	287.0 / 169.0	2717784		9.706	NA	NA	NA	97.1
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1068367		4.997	NA	NA	NA	99.9
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1254537		2.562	NA	NA	NA	102.5
	13C4-PFOA	NIS	7.49	417.0 / 372.0	810163		2.588	NA	NA	NA	103.5
	13C5-PFNA	NIS	7.94	468.0 / 423.0	715709		1.307	NA	NA	NA	104.5
	13C2-PFDA	NIS	8.17	515.1 / 470.1	652094		1.273	NA	NA	NA	101.8
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	570770		2.436	NA	NA	NA	102.8
	13C4-PFOS	NIS	8.27	503.1 / 80.1	527056		2.503	NA	NA	NA	104.5

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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

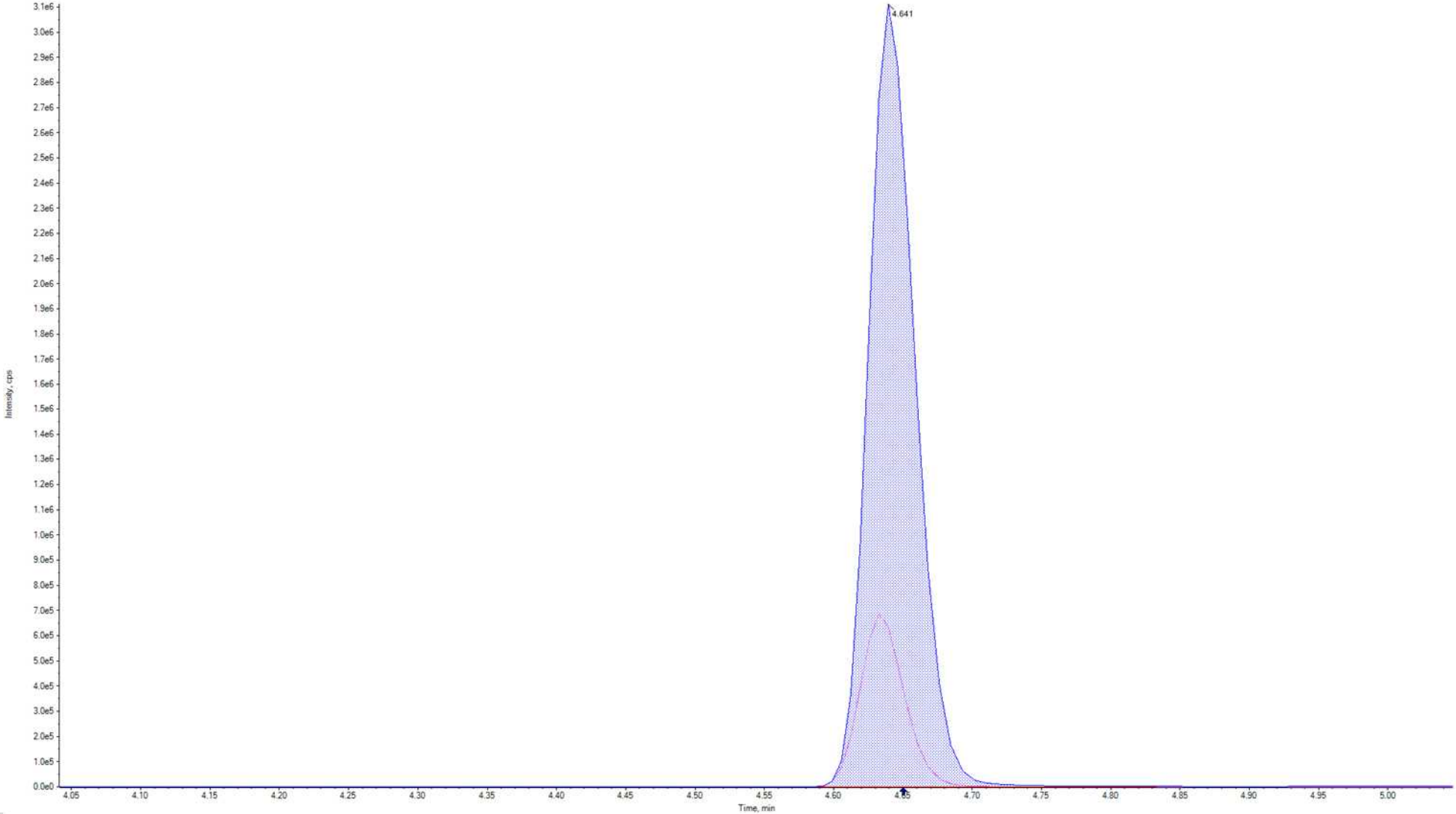
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PFBA
Sample: IA1633STD-12.5 S/N:4525.1 Points Across peak:83



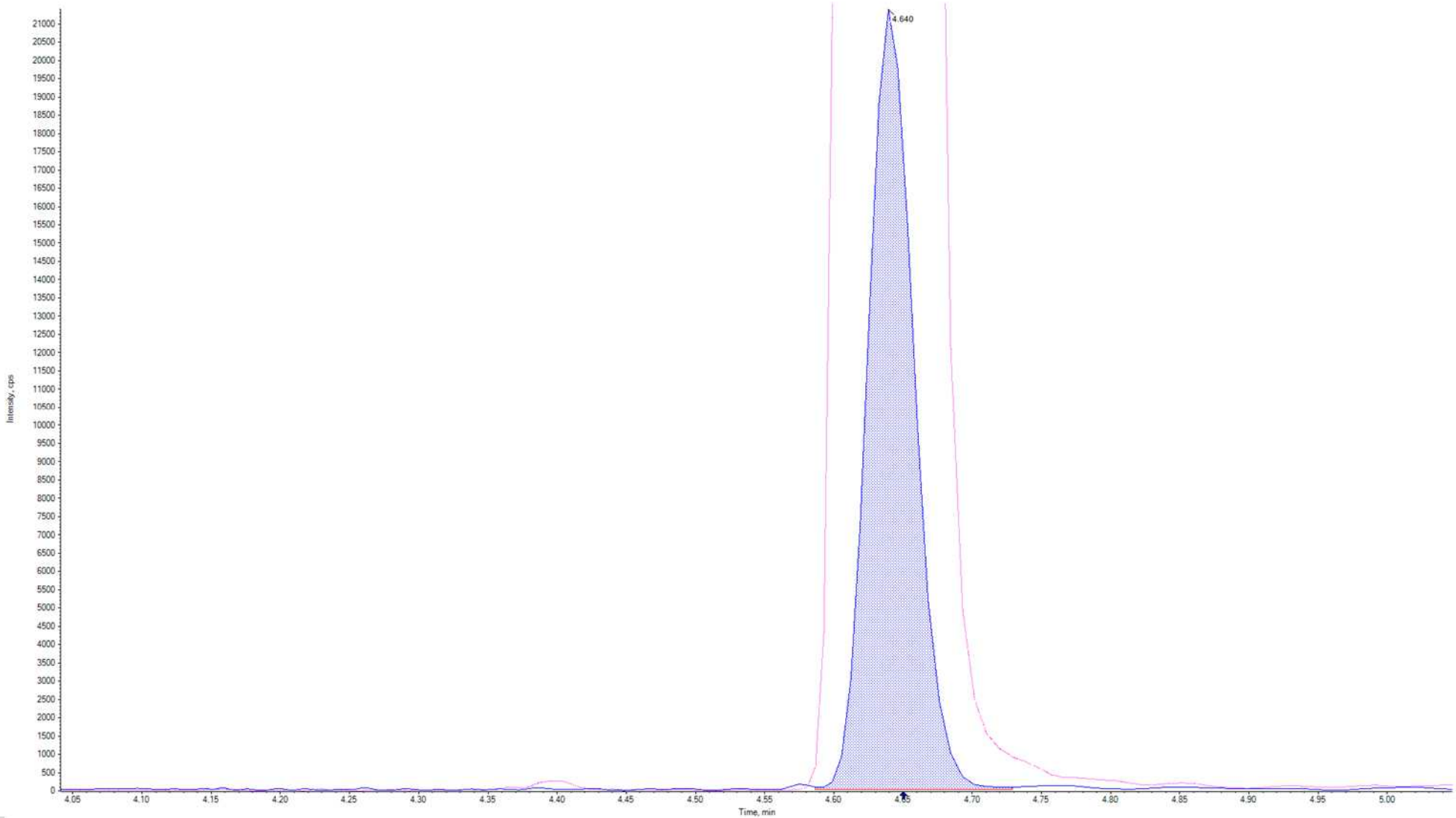
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PFPeA
Sample: IA1633STD-12.5 S/N:4328.3 Points Across peak:35



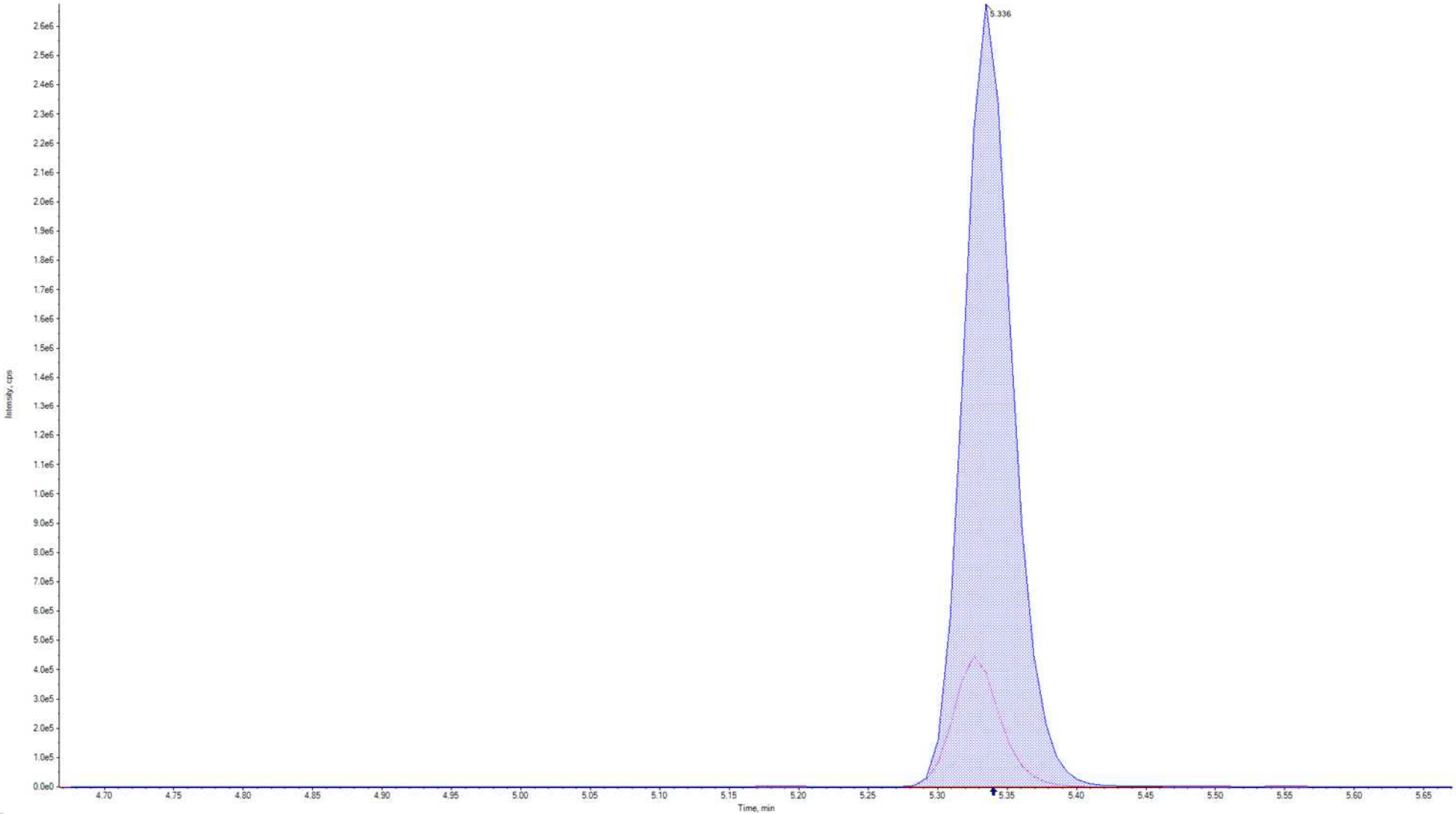
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PFPeA_2
Sample: IA1633STD-12.5 S/N:1529.5 Points Across peak:20



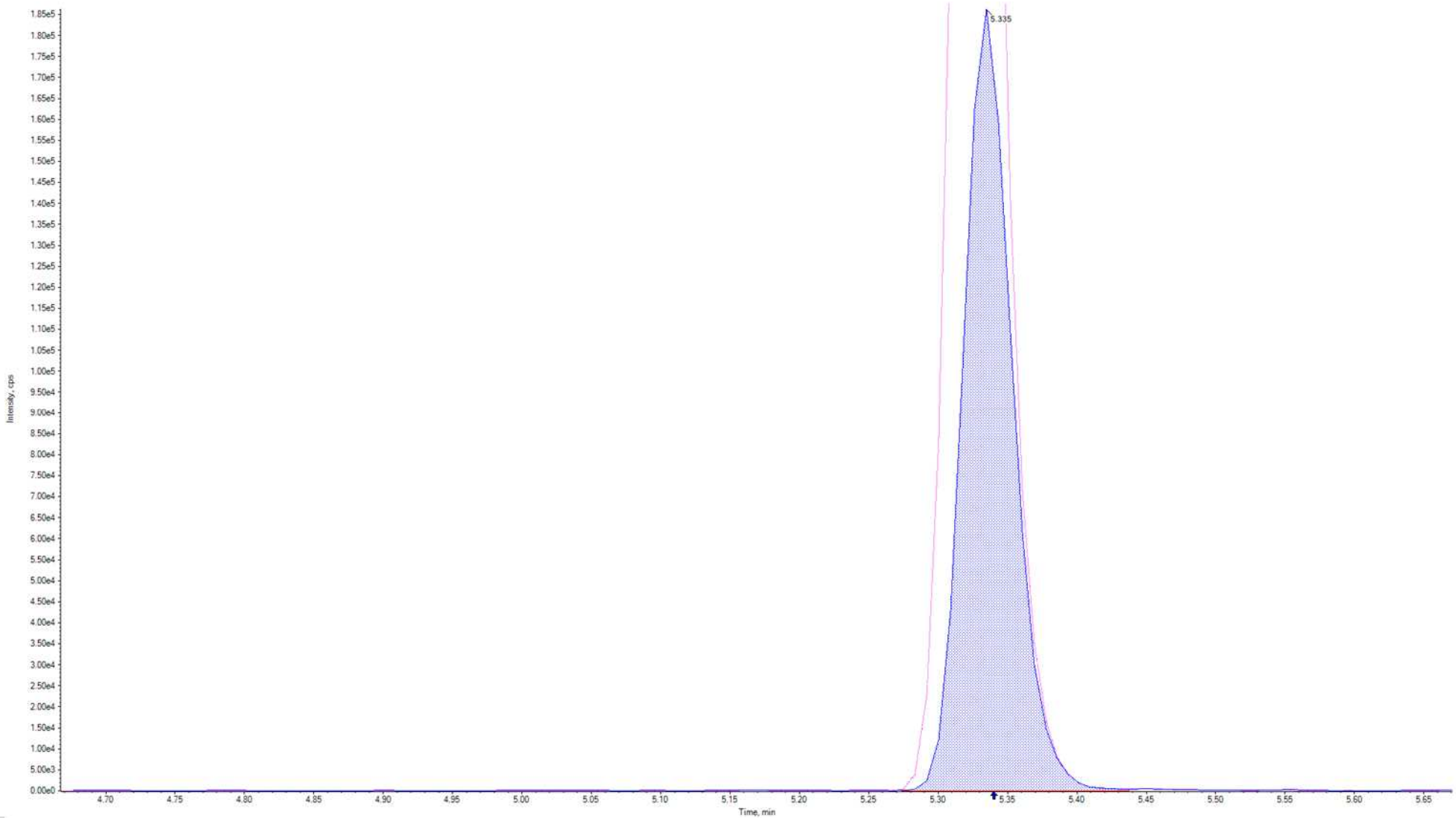
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PFHxA
Sample: IA1633STD-12.5 S/N:2673.2 Points Across peak:29



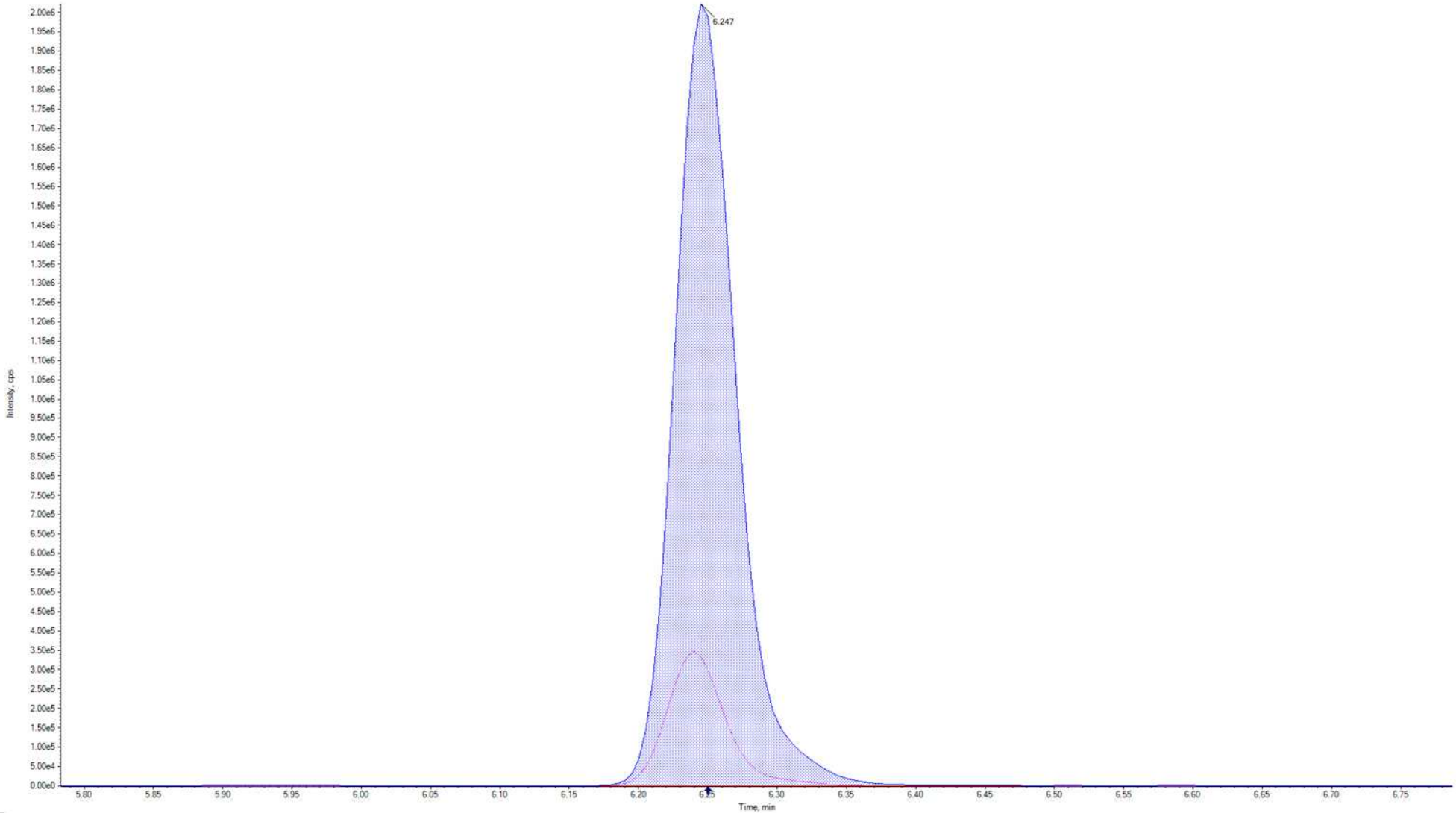
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxA_2
Sample: IA1633STD-12.5 S/N:2803.6 Points Across peak:22



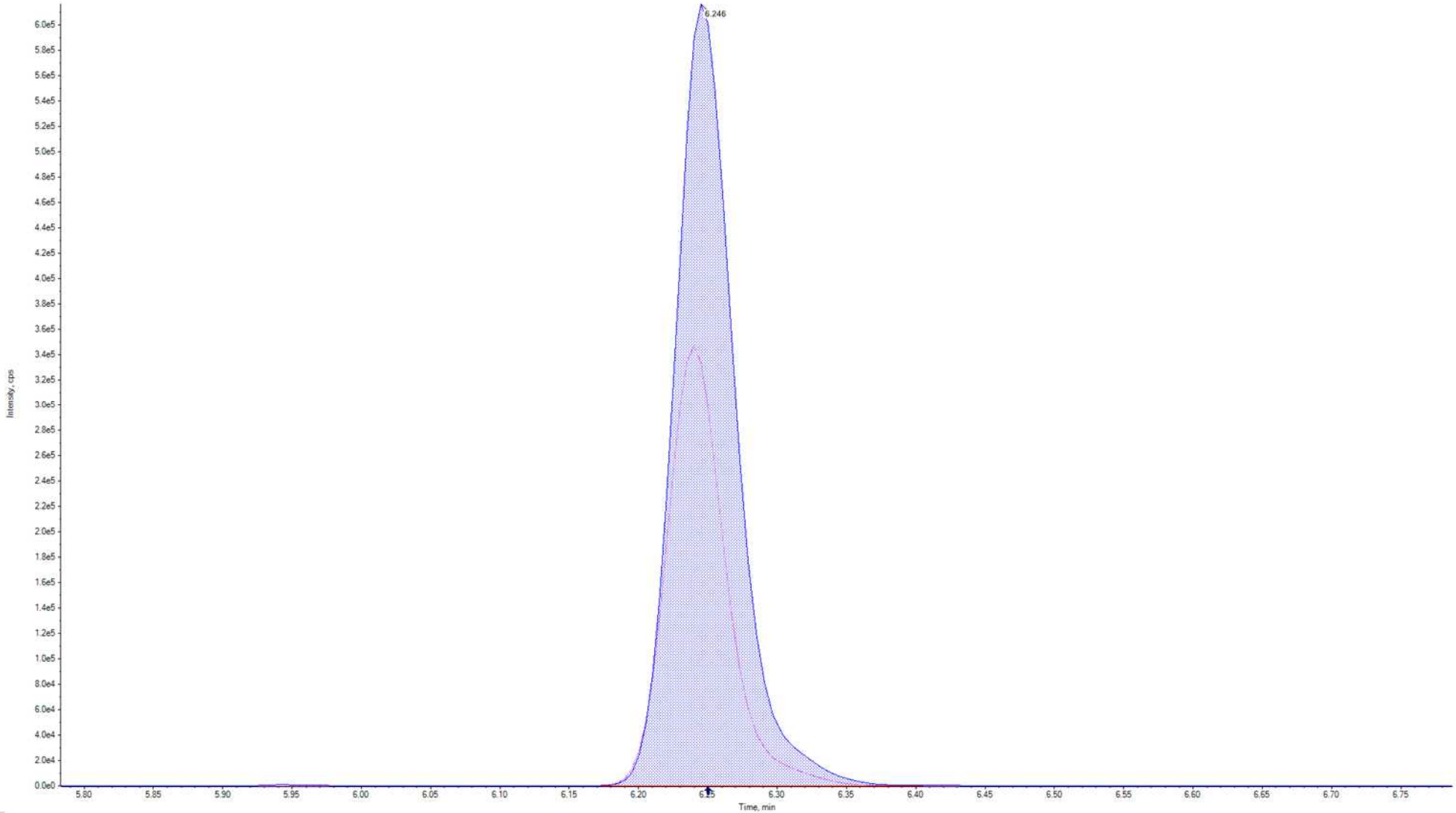
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpA
Sample: IA1633STD-12.5 S/N:4596.9 Points Across peak:60



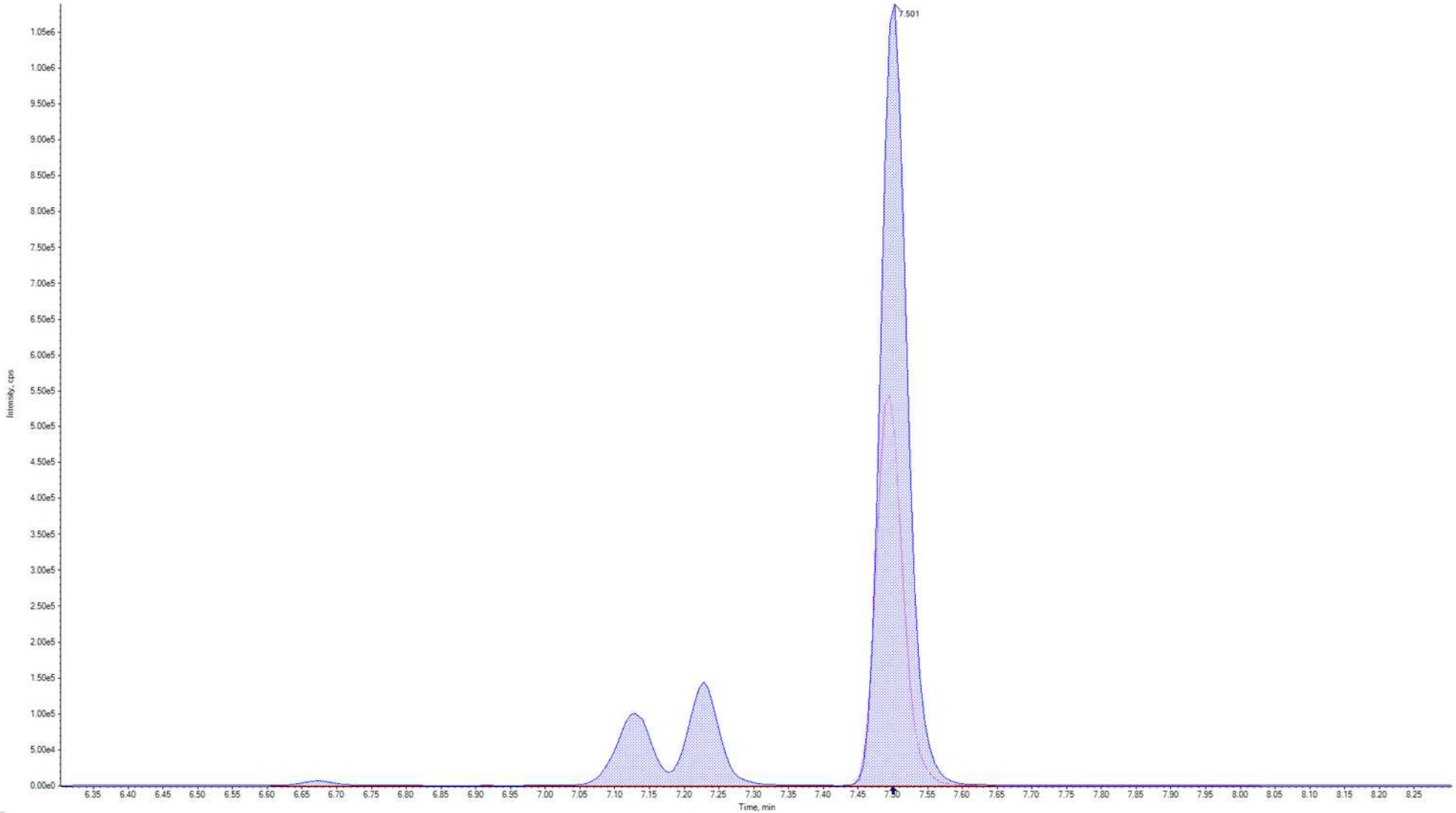
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpA_2
Sample: IA1633STD-12.5 S/N:13188.4 Points Across peak:46



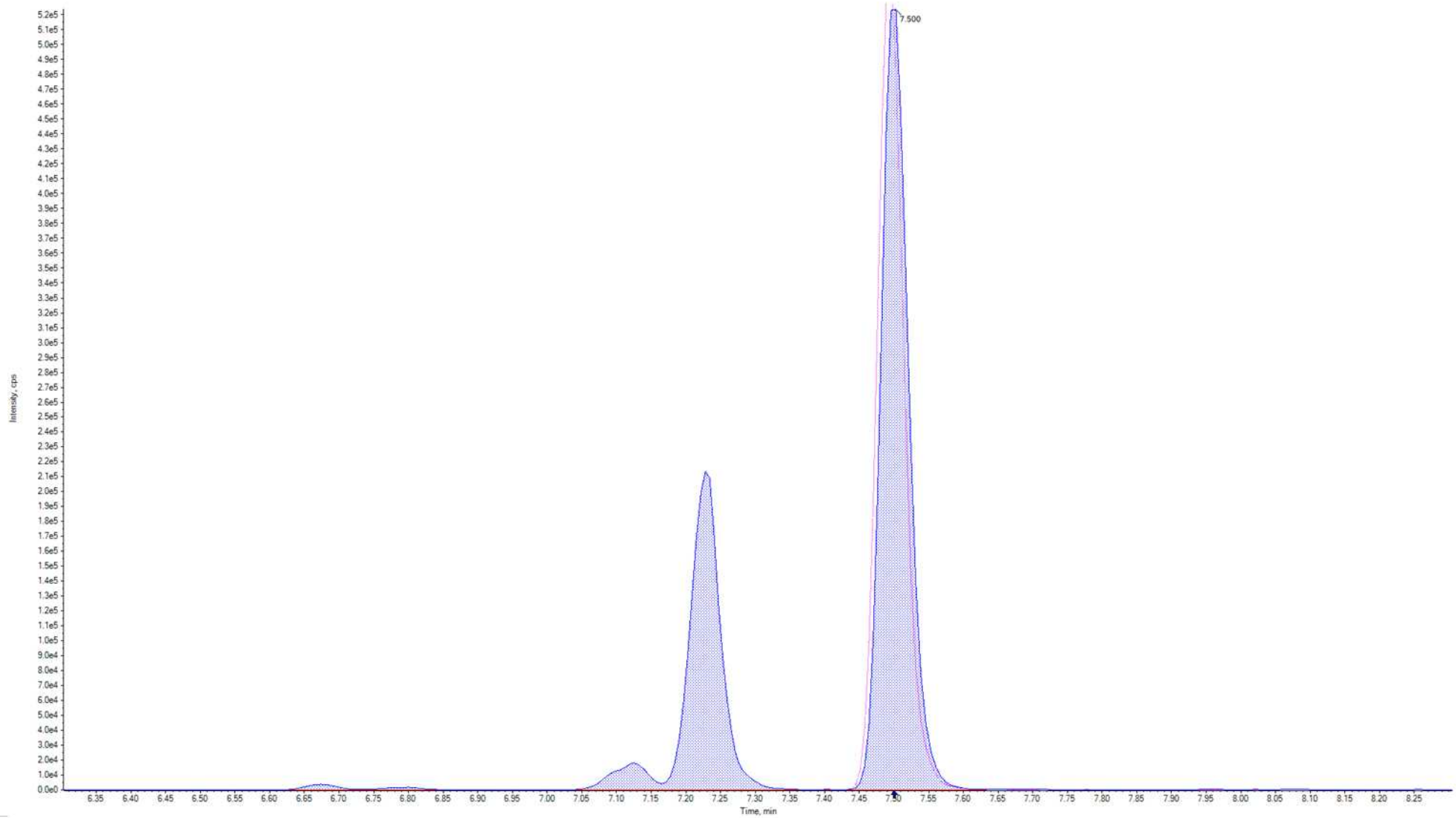
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOA
Sample: IA1633STD-12.5 S/N:3256.8 Points Across peak:159



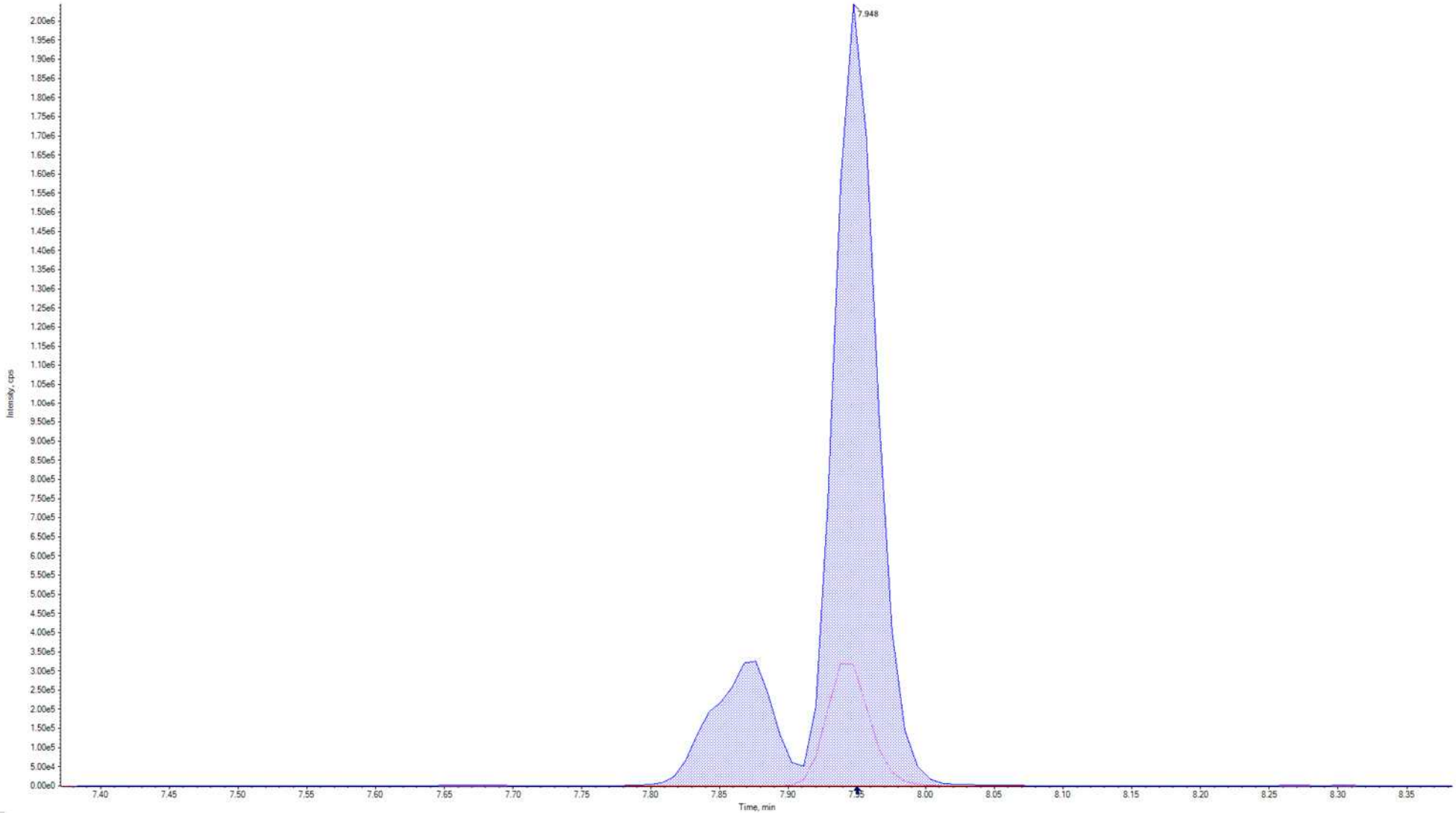
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOA_2
Sample: IA1633STD-12.5 S/N:49173.6 Points Across peak:155



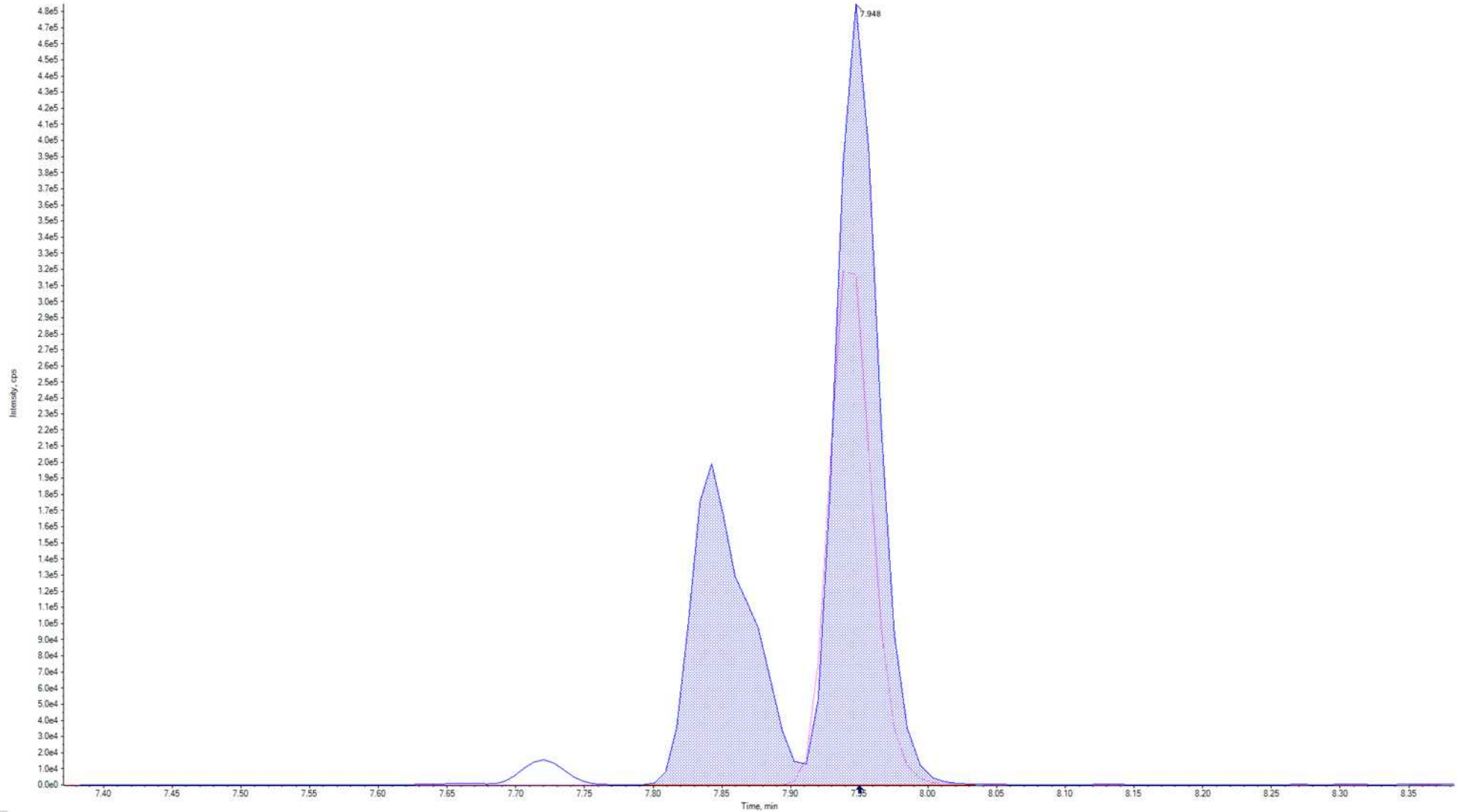
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNA
Sample: IA1633STD-12.5 S/N:3349.9 Points Across peak:37



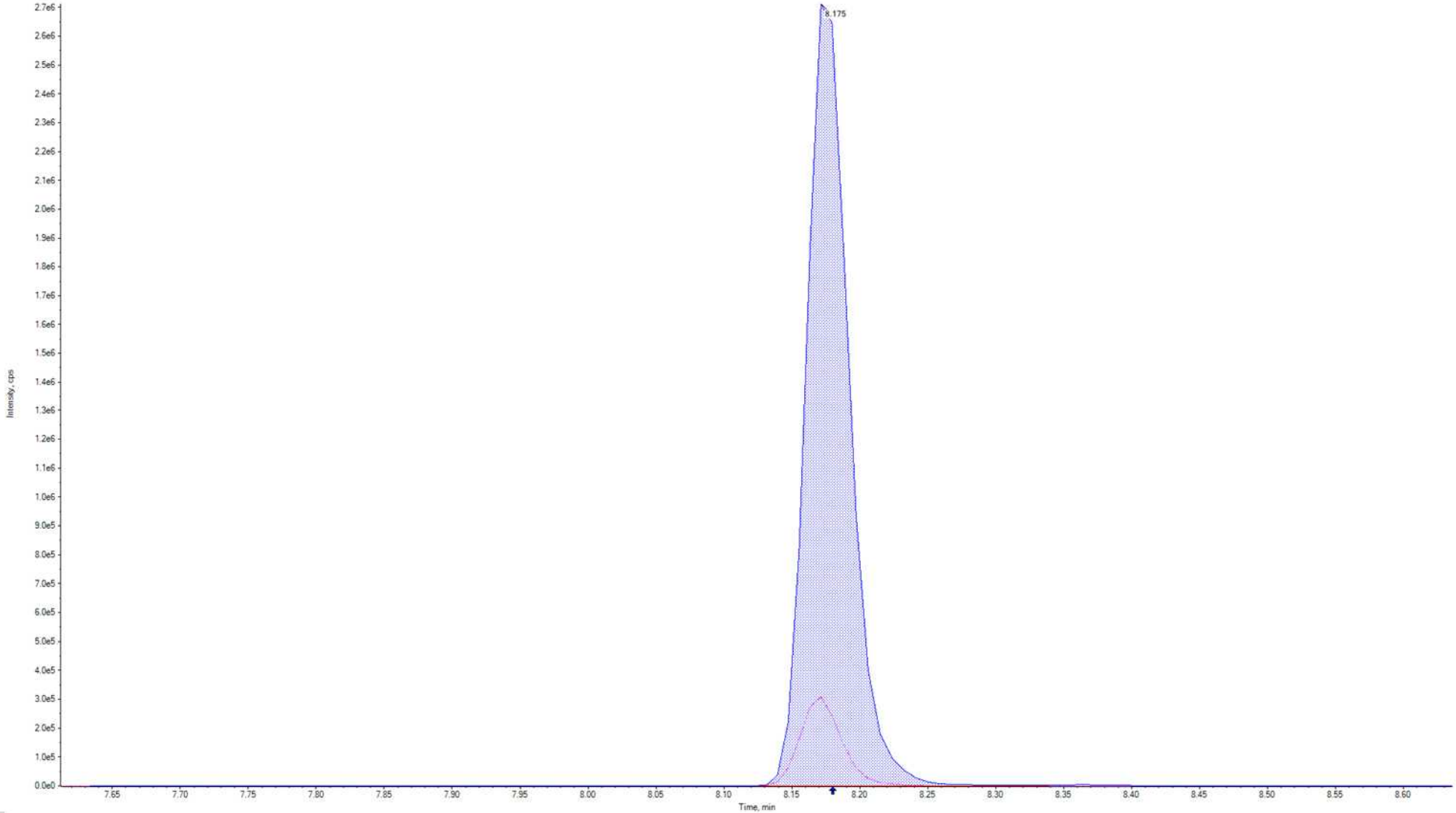
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNA_2
Sample: IA1633STD-12.5 S/N:1087.0 Points Across peak:31



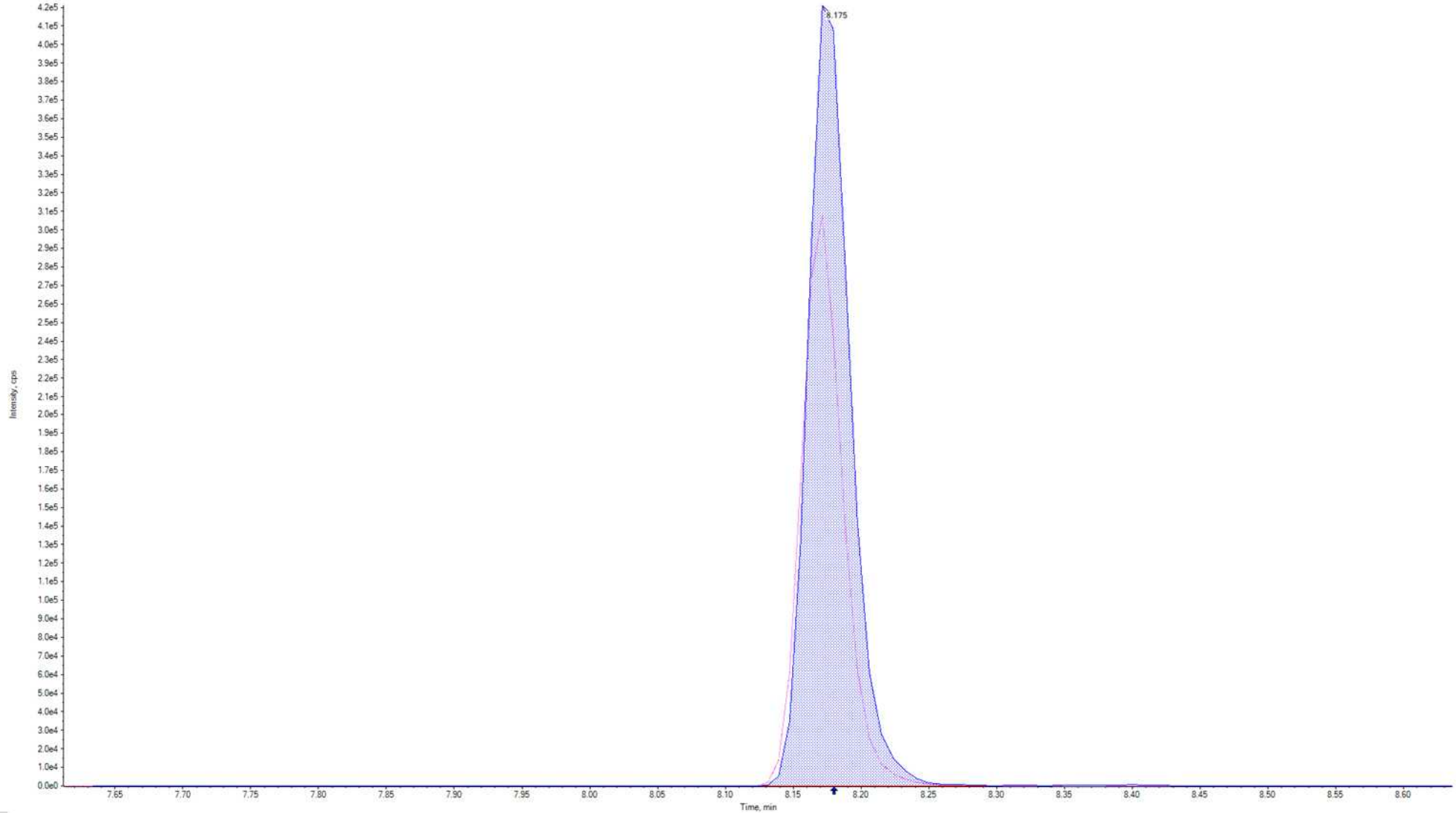
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDA
Sample: IA1633STD-12.5 S/N:5677.4 Points Across peak:27



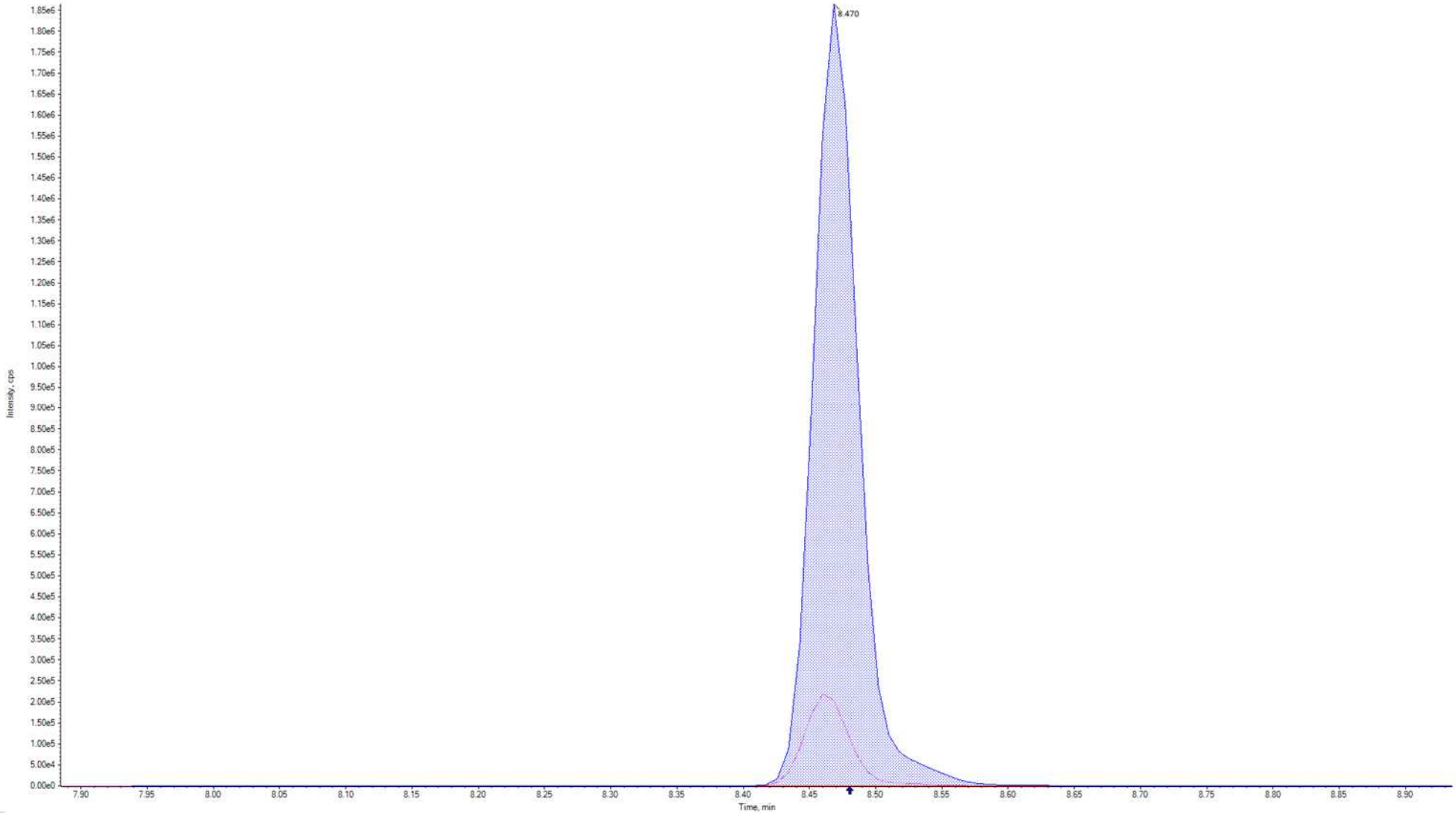
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDA_2
Sample: IA1633STD-12.5 S/N:2248.0 Points Across peak:22



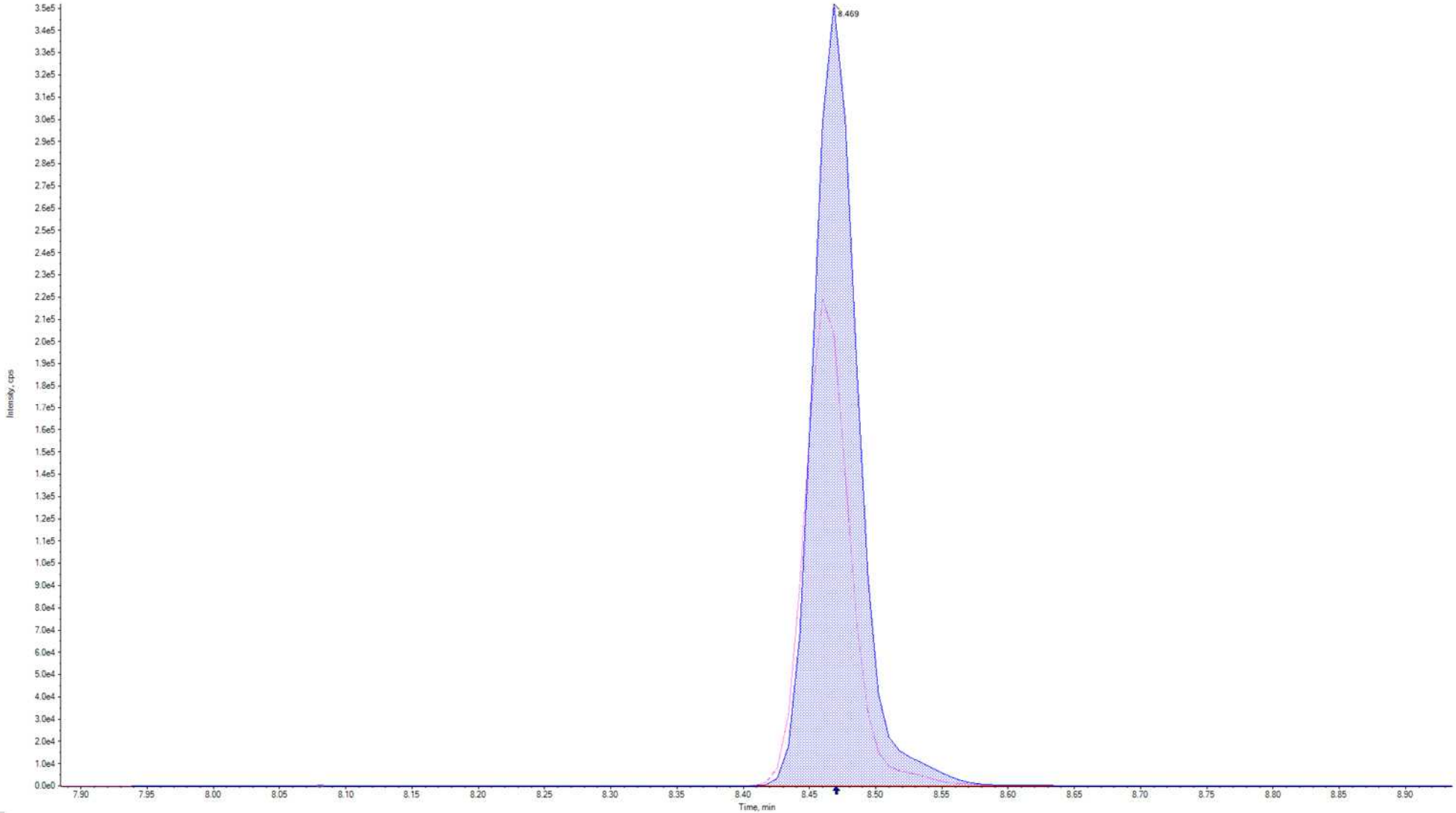
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA
Sample: IA1633STD-12.5 S/N:7069.1 Points Across peak:33



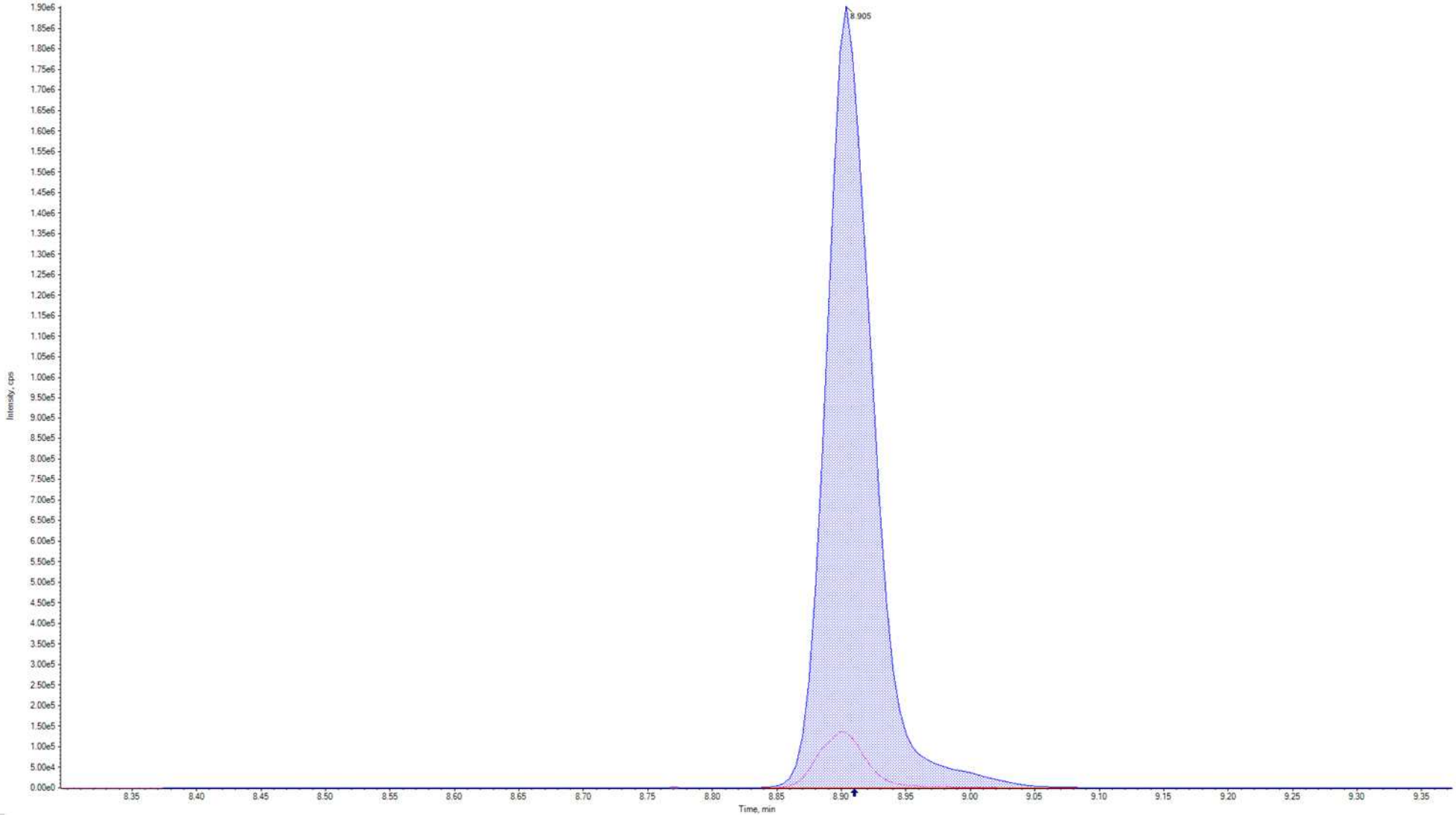
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA_2
Sample: IA1633STD-12.5 S/N:47201.6 Points Across peak:34



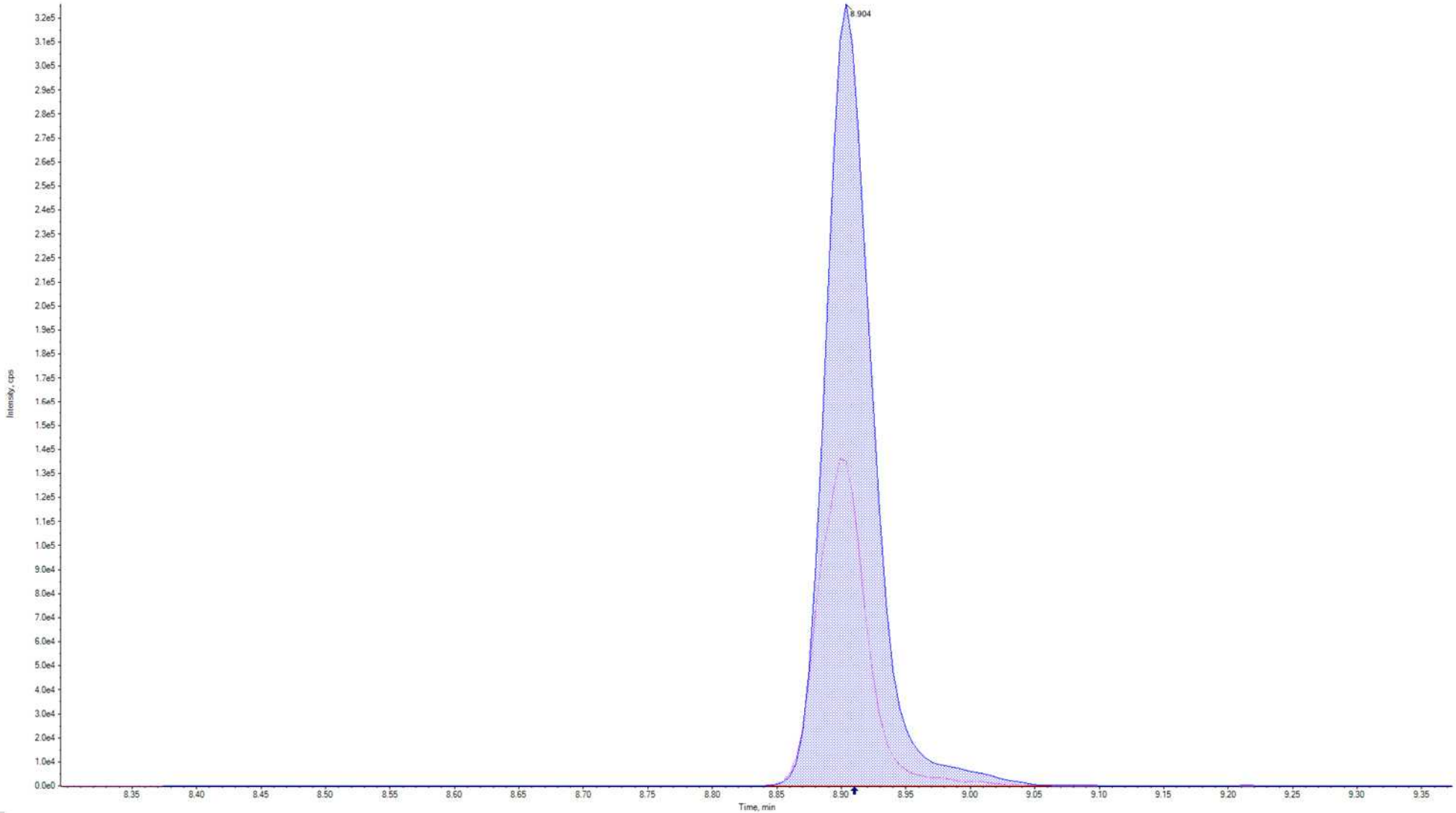
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA
Sample: IA1633STD-12.5 S/N:8752.8 Points Across peak:56



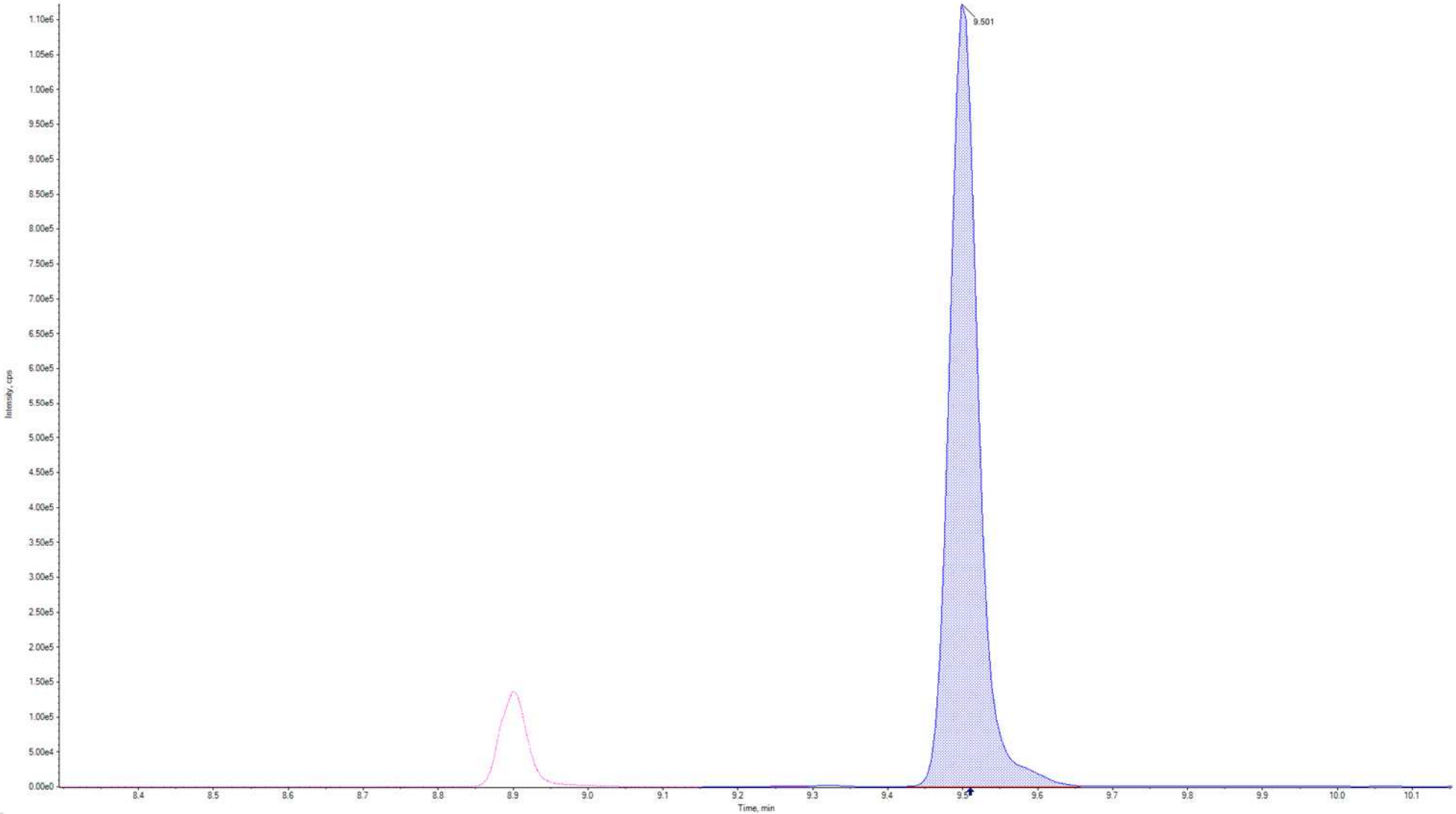
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA_2
Sample: IA1633STD-12.5 S/N:4864302.7 Points Across peak:46



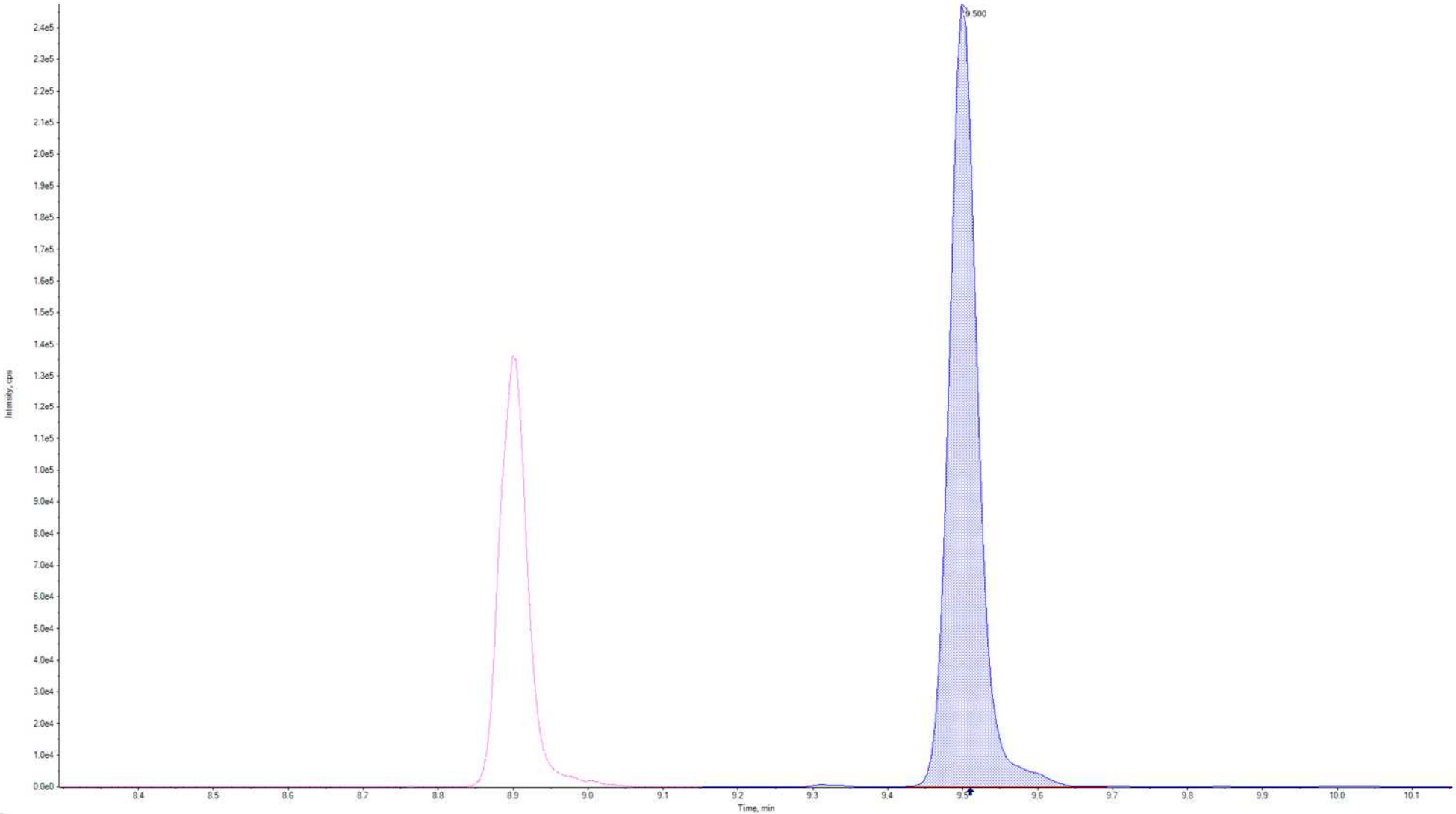
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTrDA
Sample: IA1633STD-12.5 S/N:3644.2 Points Across peak:45



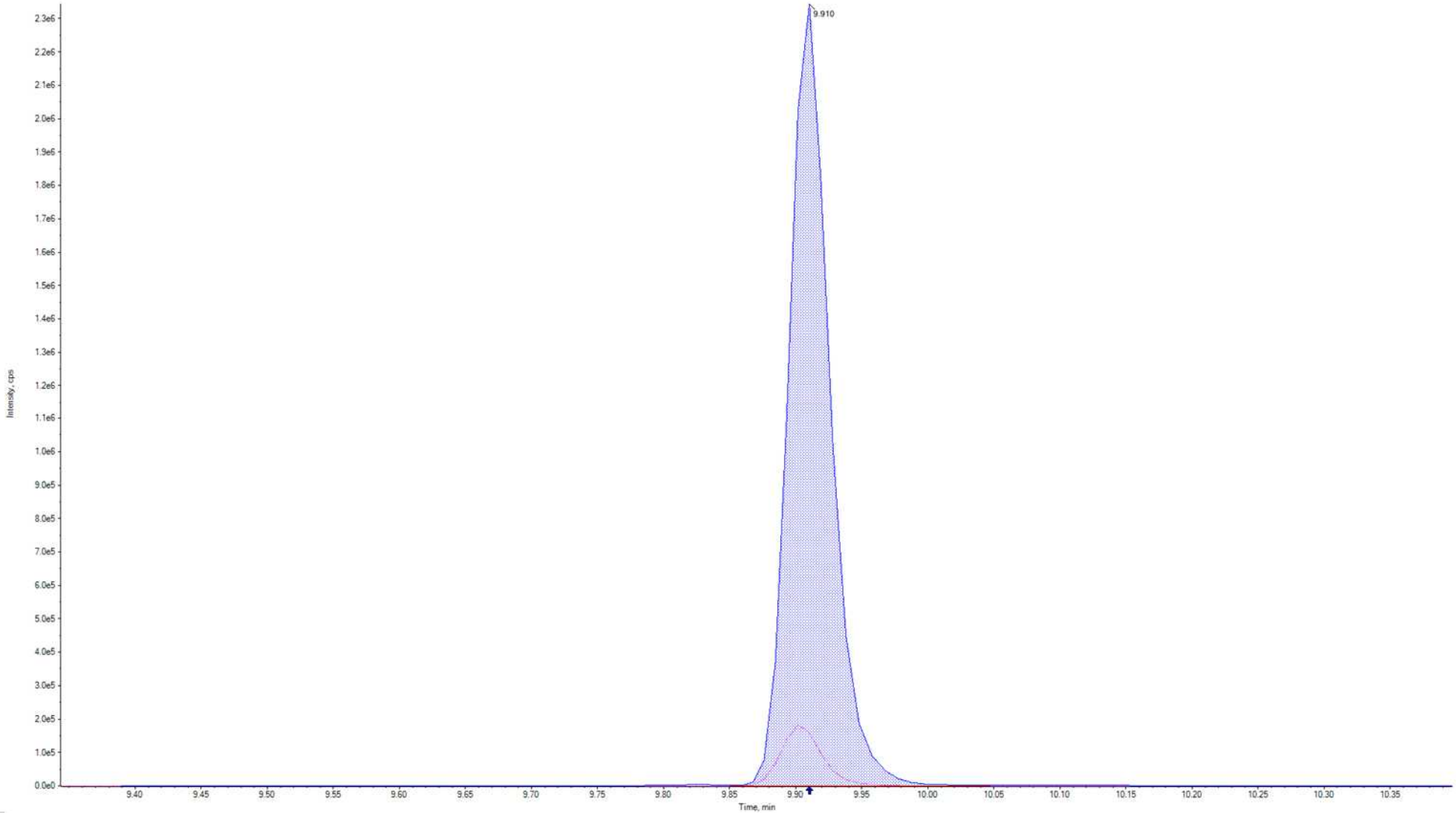
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTrDA_2
Sample: IA1633STD-12.5 S/N:7407.1 Points Across peak:48



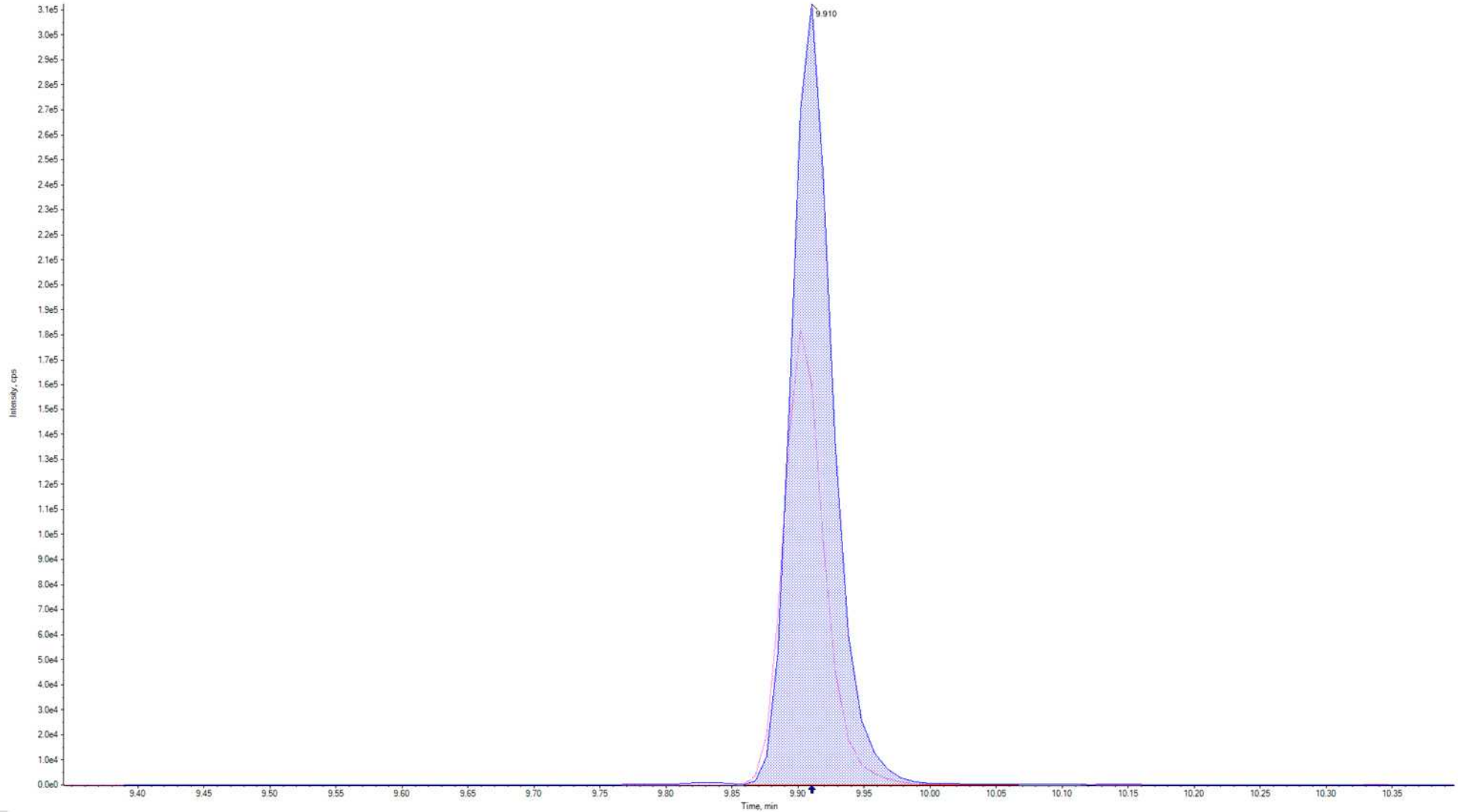
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTeDA
Sample: IA1633STD-12.5 S/N:6010.5 Points Across peak:22



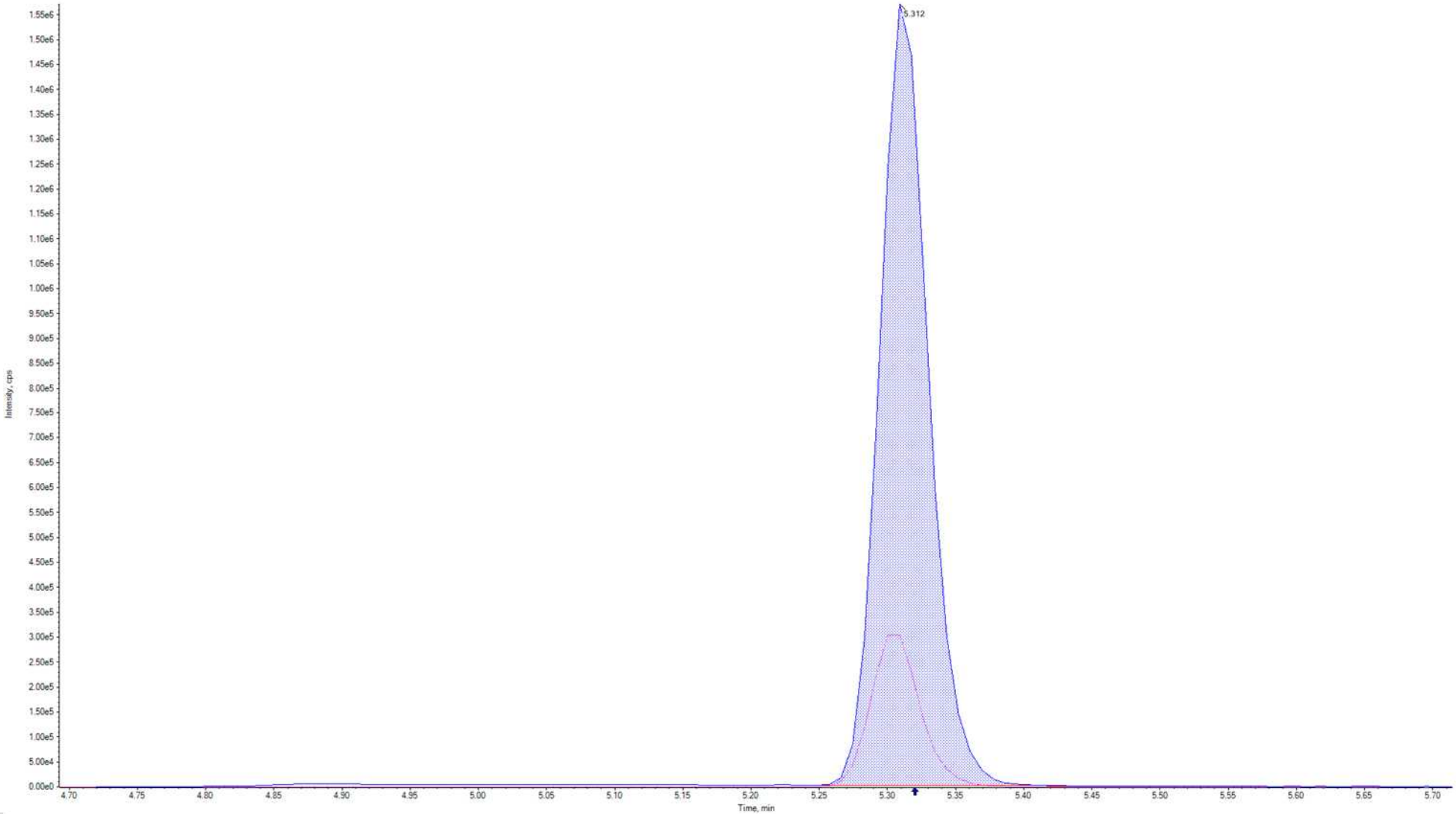
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTeDA_2
Sample: IA1633STD-12.5 S/N:1145511.7 Points Across peak:23



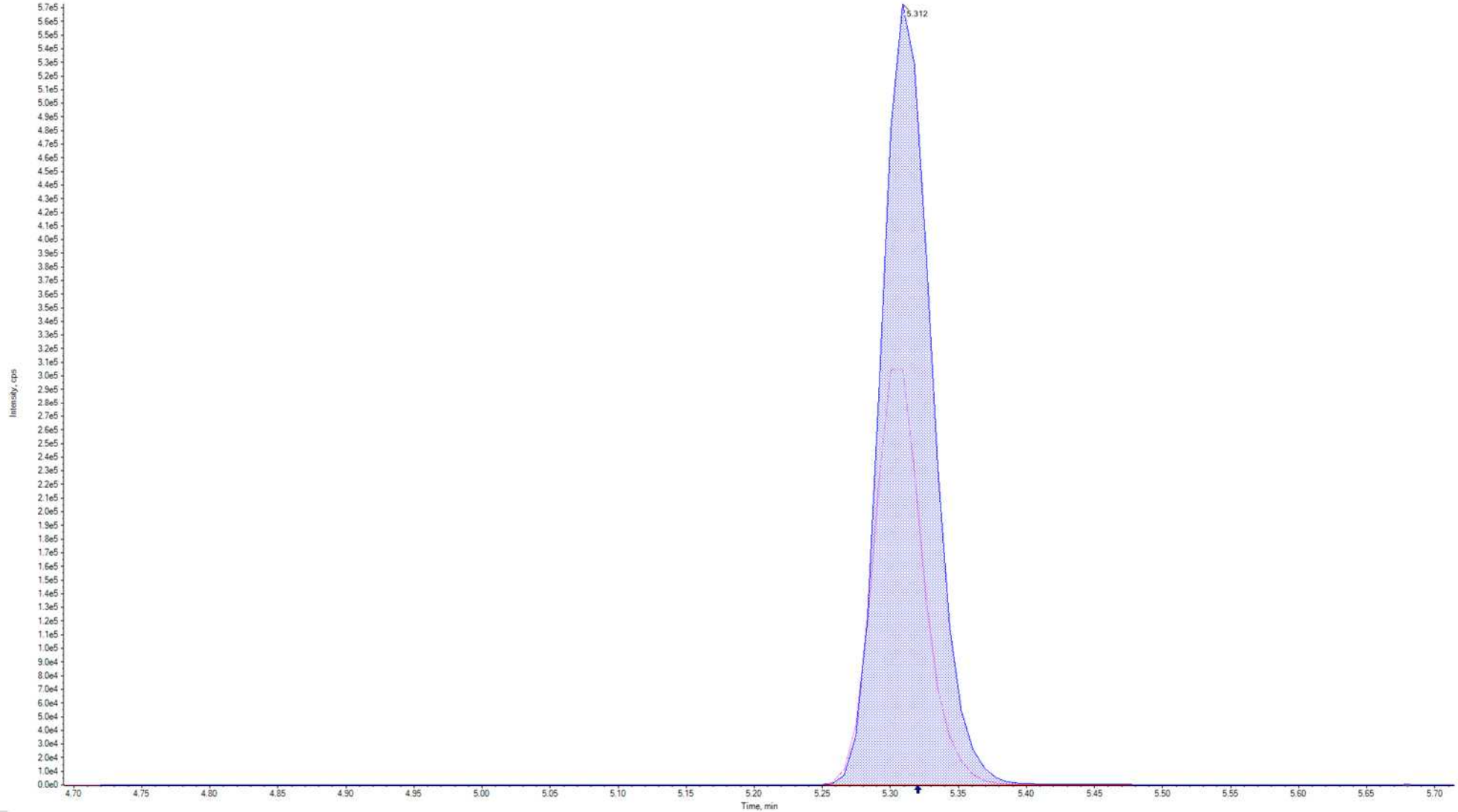
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFBS
Sample: IA1633STD-12.5 S/N:86.5 Points Across peak:24



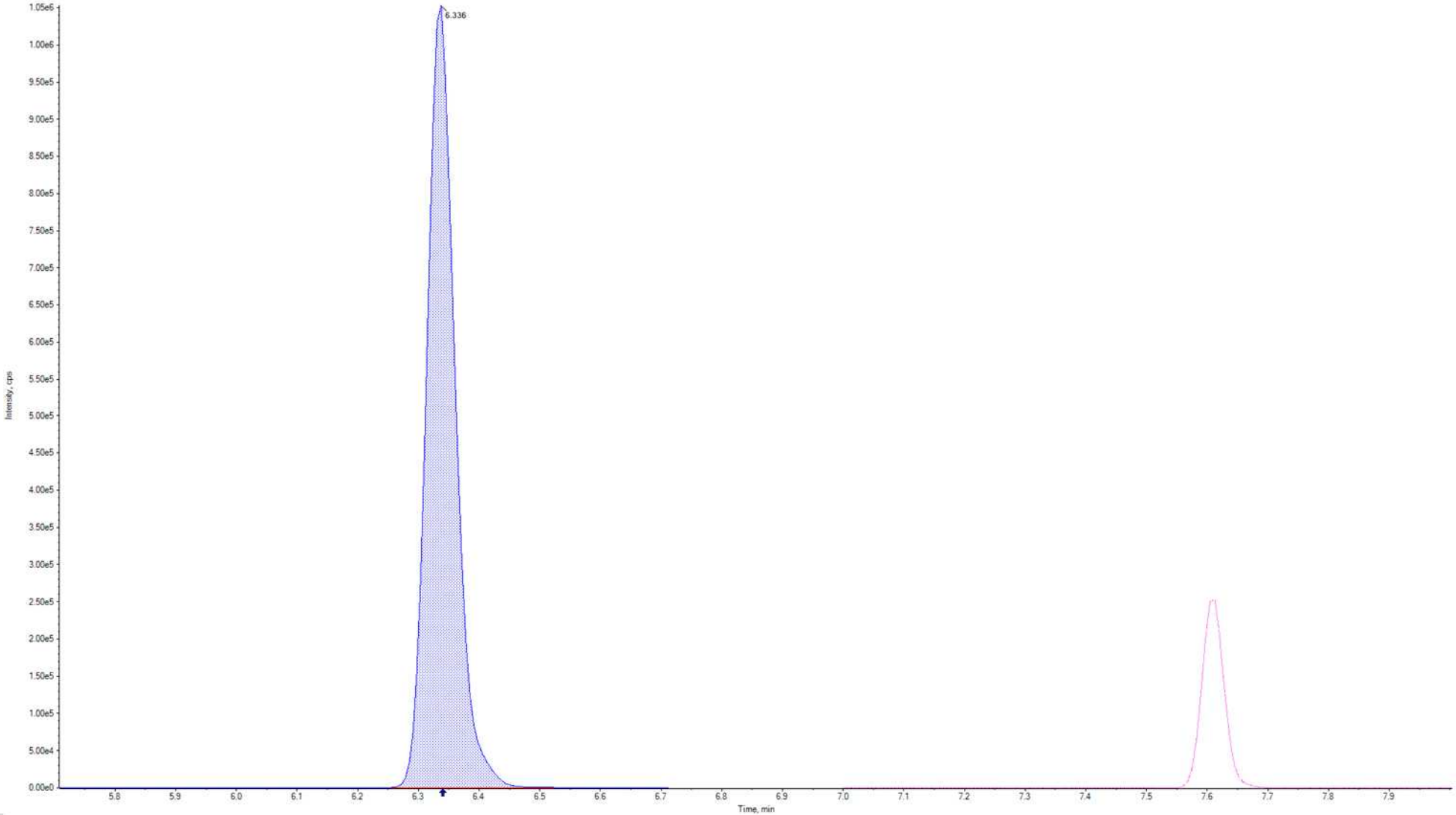
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFBS_2
Sample: IA1633STD-12.5 S/N:5836.6 Points Across peak:35



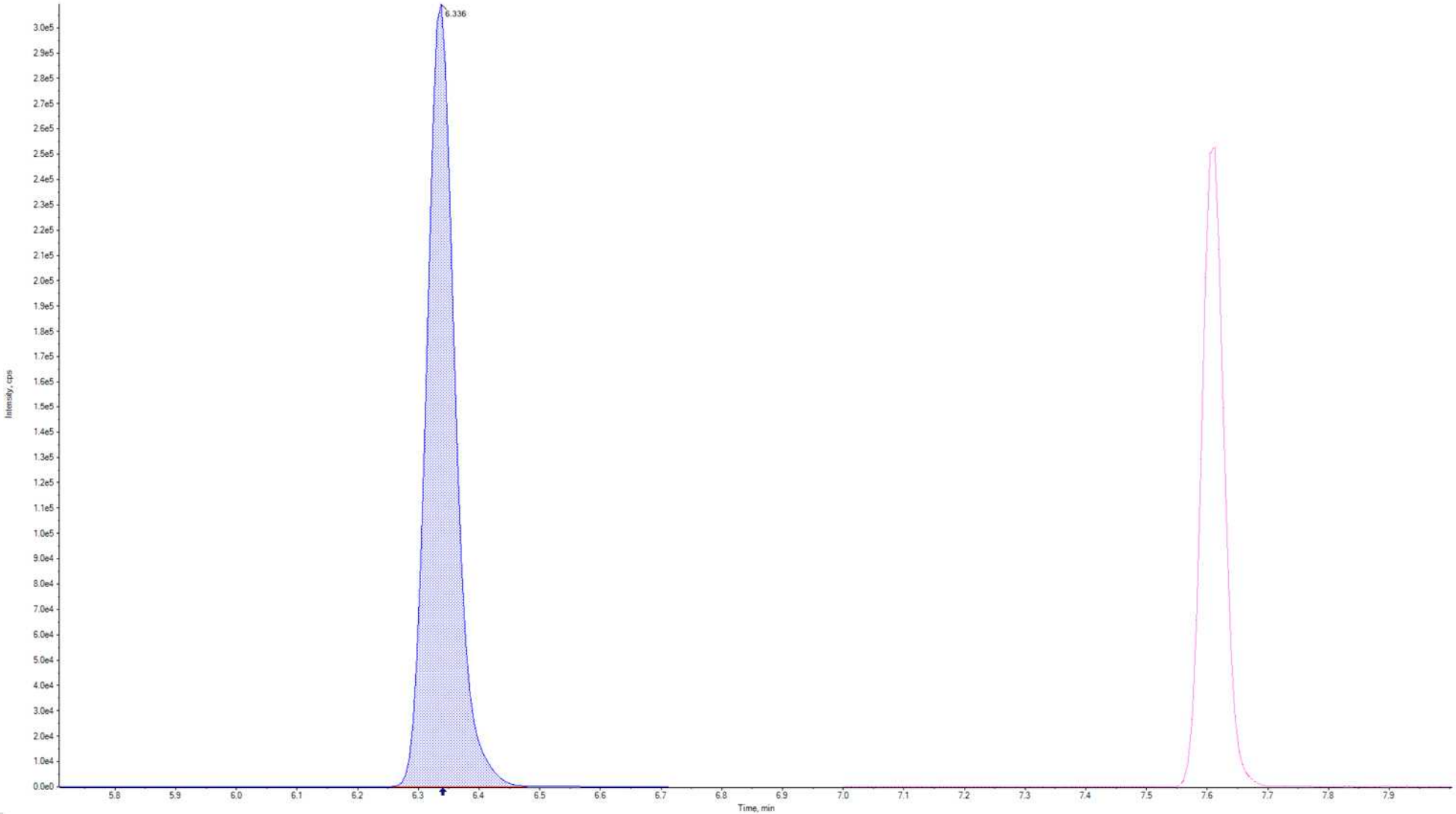
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS
Sample: IA1633STD-12.5 S/N:16268.6 Points Across peak:51



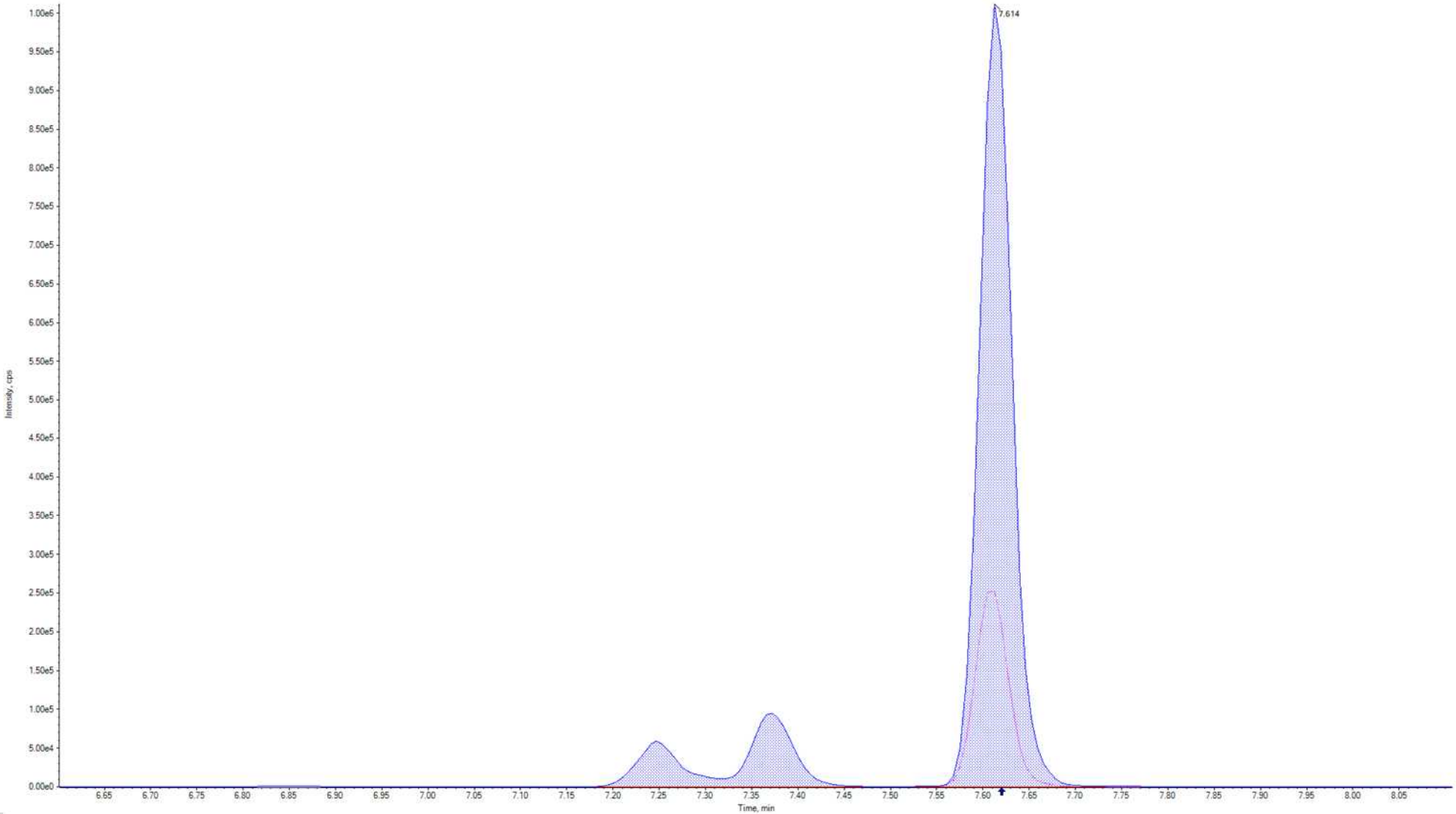
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS_2
Sample: IA1633STD-12.5 S/N:17419.2 Points Across peak:38



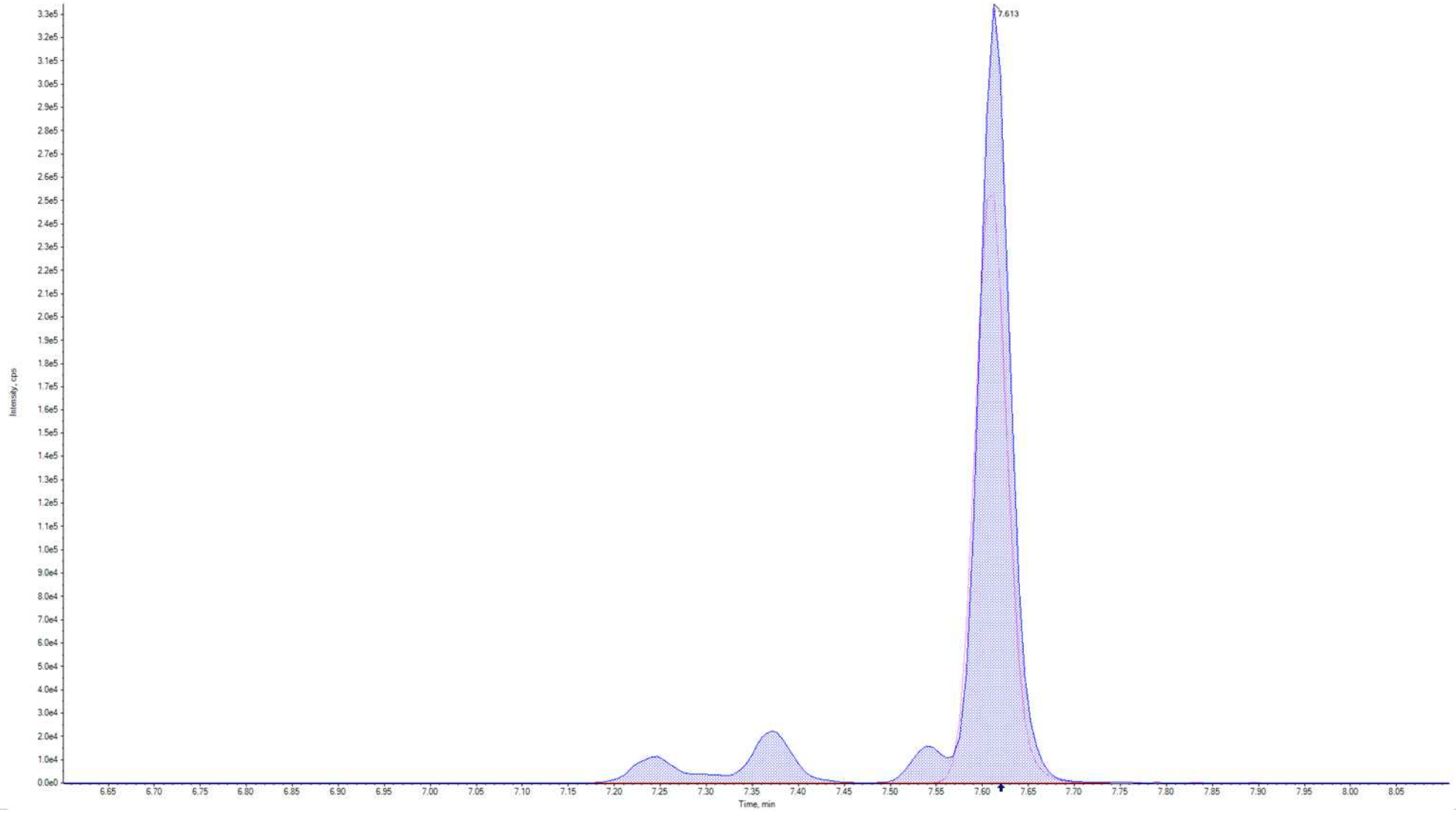
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS
Sample: IA1633STD-12.5 S/N:20016.6 Points Across peak:89



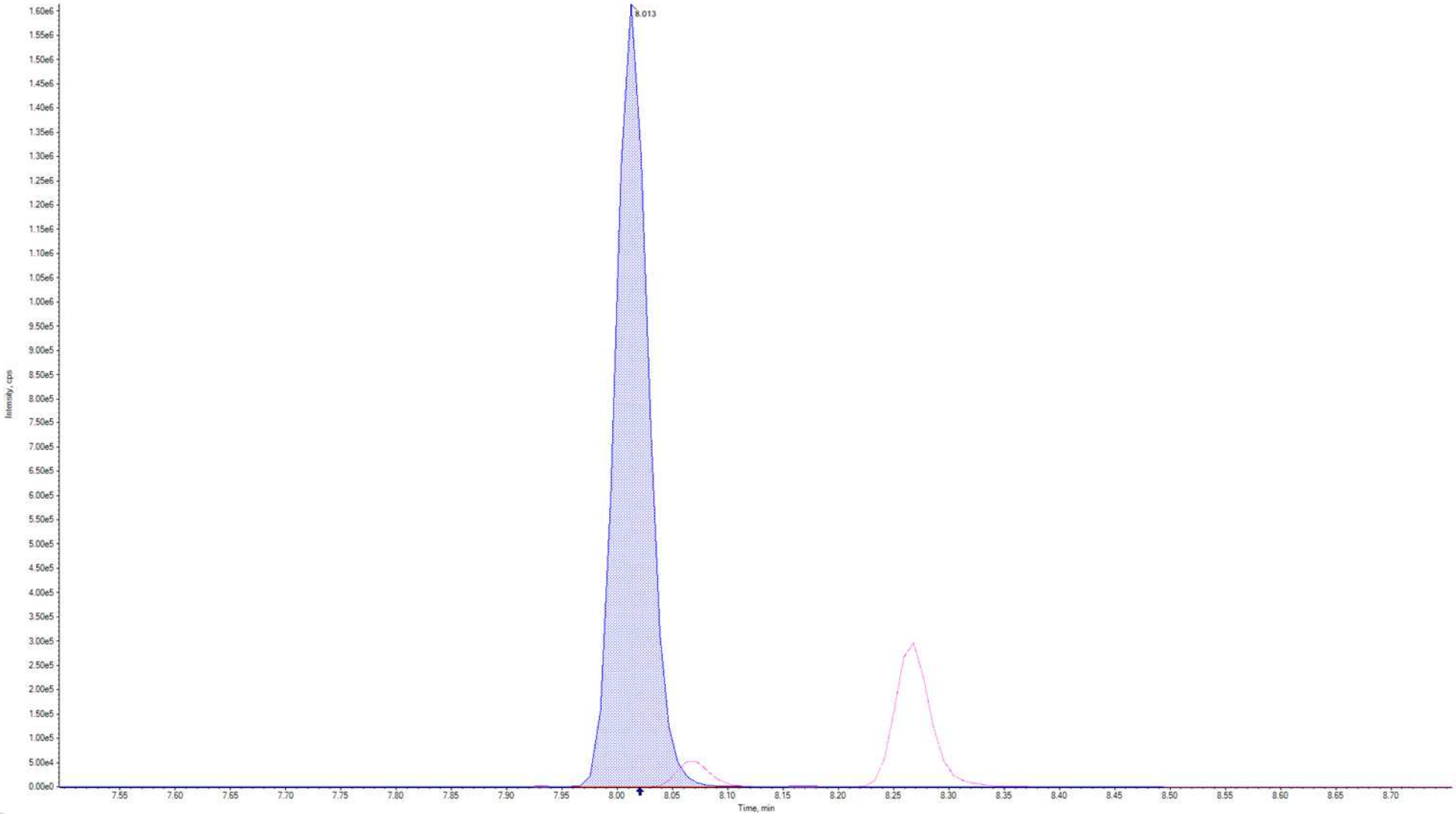
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS_2
Sample: IA1633STD-12.5 S/N:58429.5 Points Across peak:94



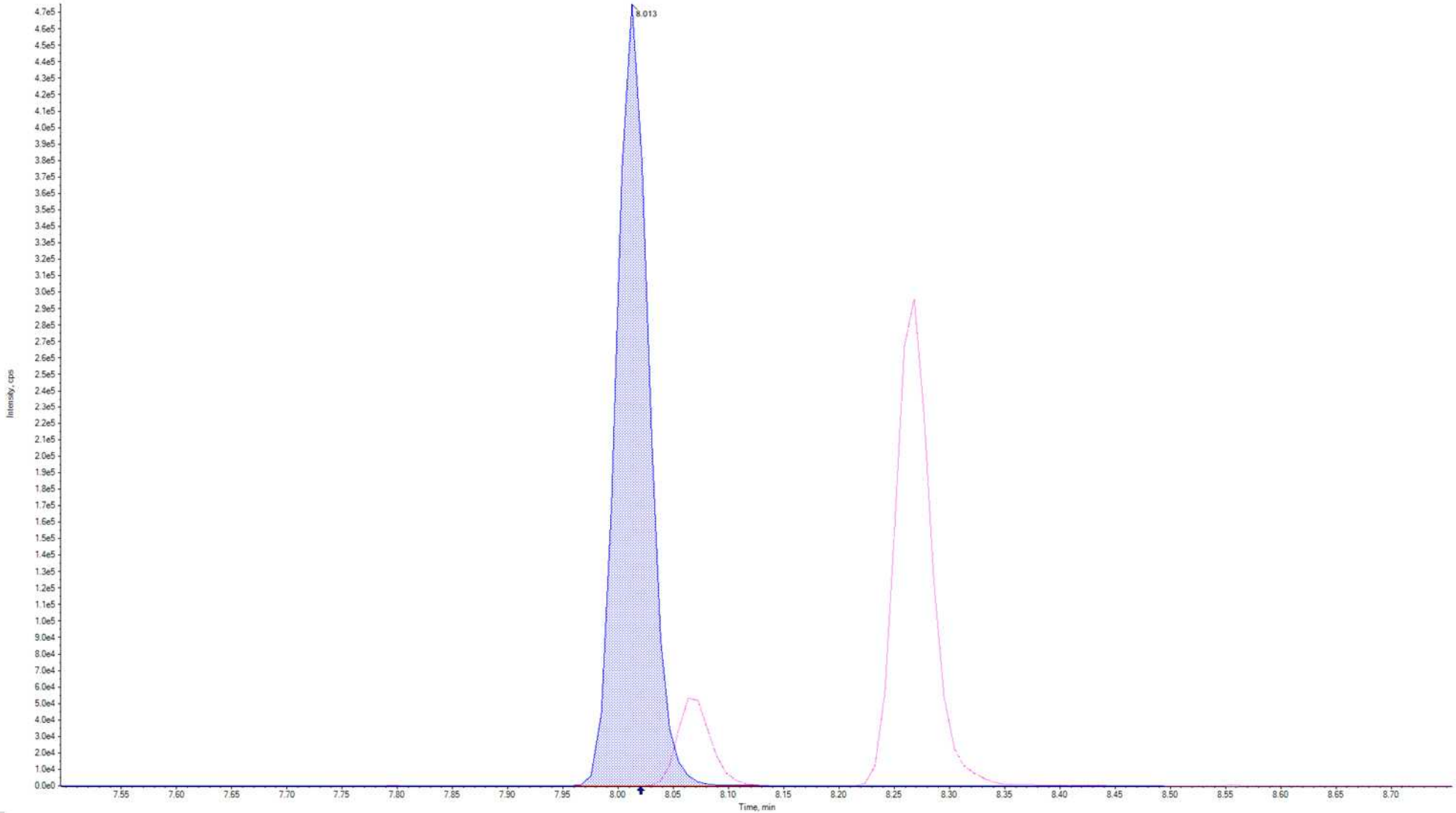
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS
Sample: IA1633STD-12.5 S/N:17355.8 Points Across peak:21



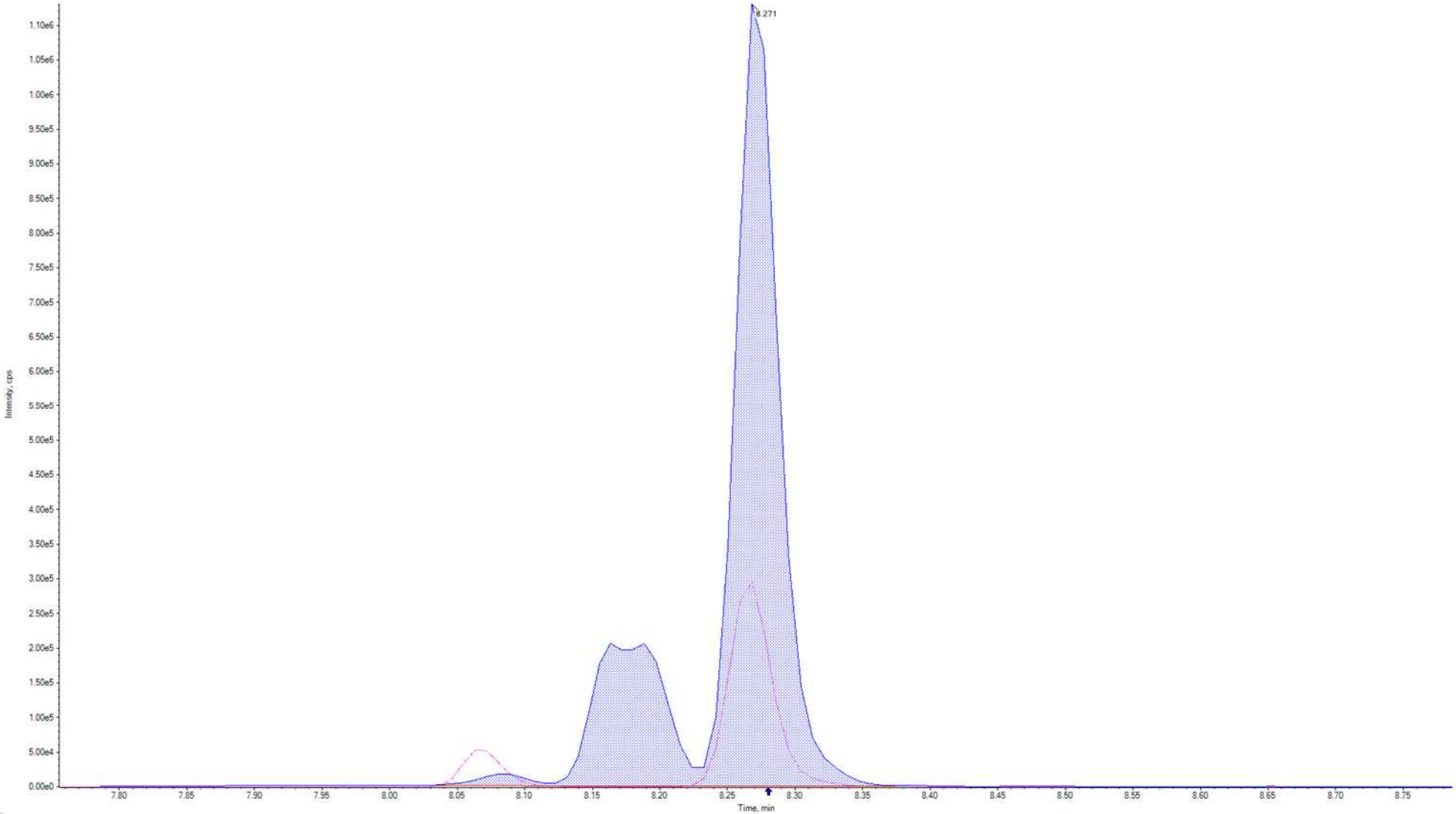
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS_2
Sample: IA1633STD-12.5 S/N:2907.3 Points Across peak:23



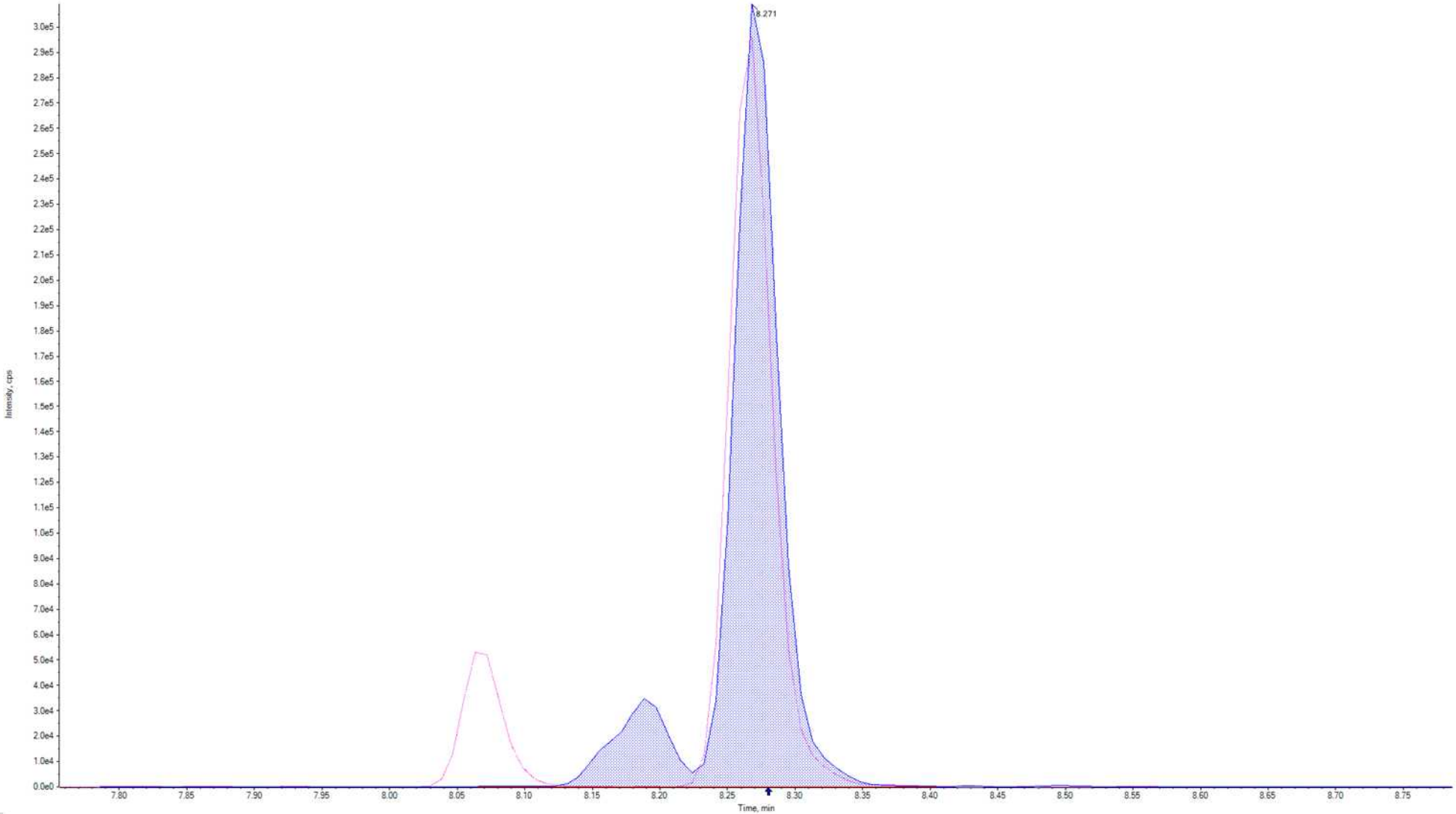
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOS
Sample: IA1633STD-12.5 S/N:3547.5 Points Across peak:42



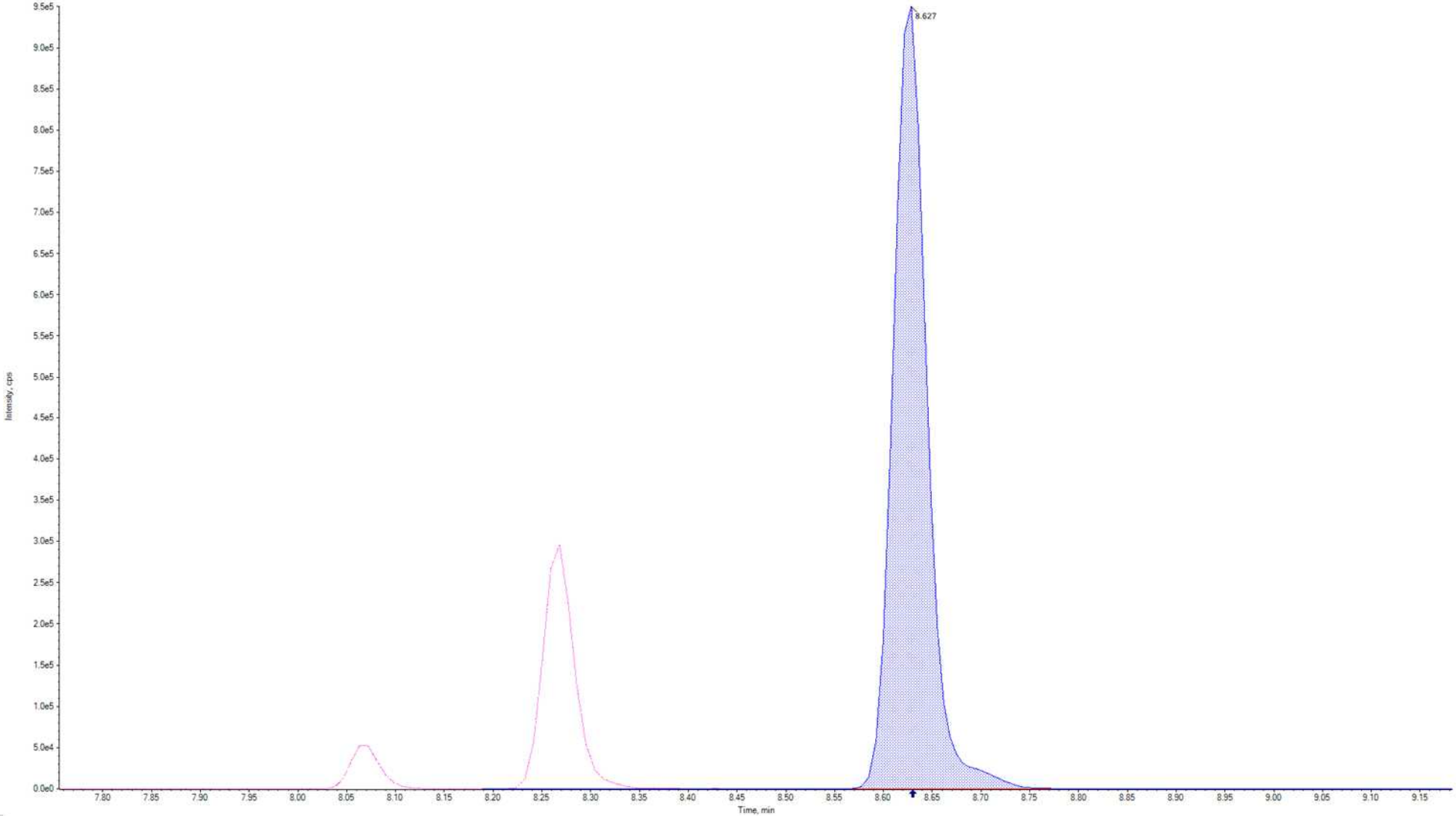
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOS_2
Sample: IA1633STD-12.5 S/N:2106.3 Points Across peak:44



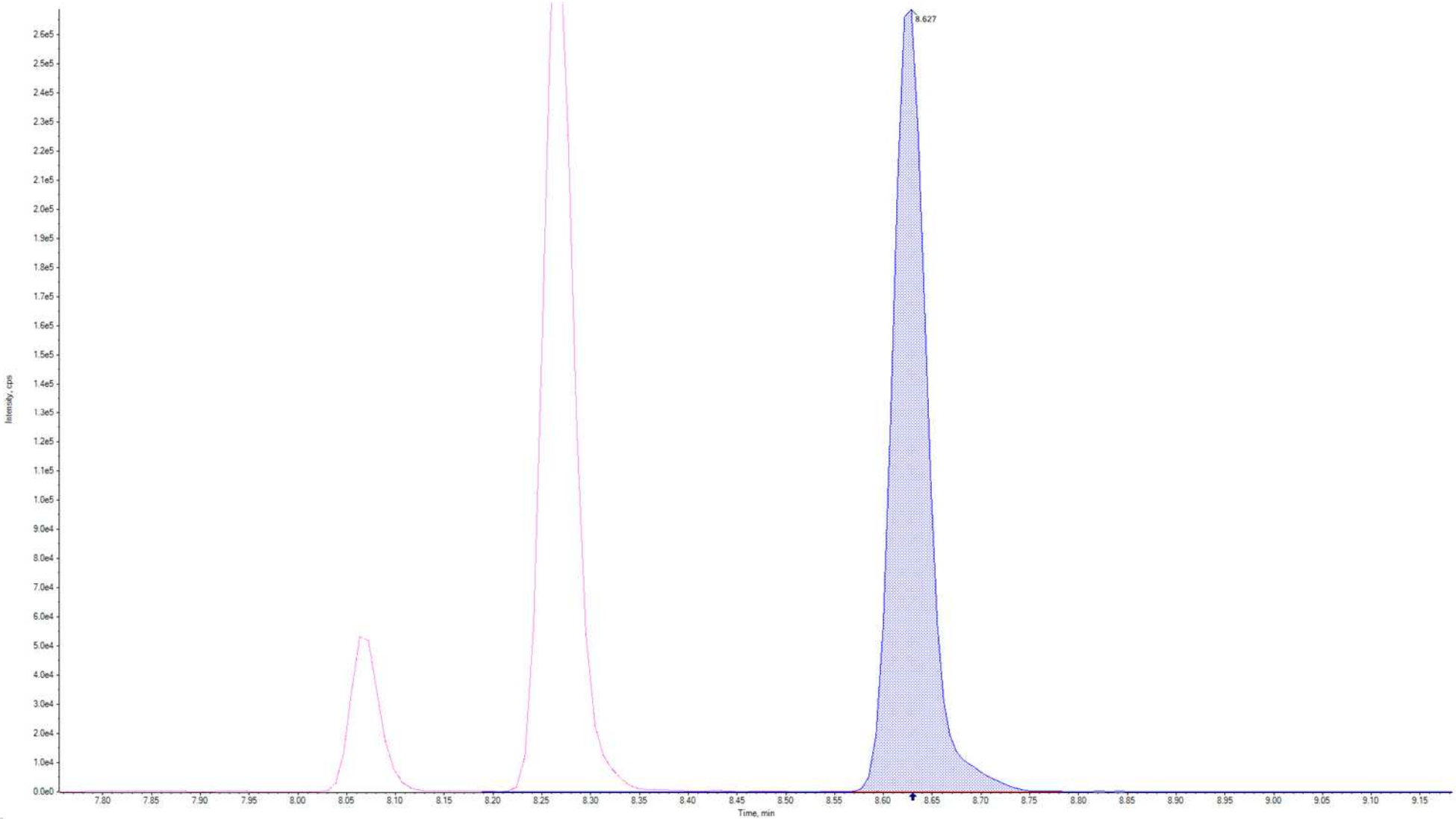
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNS
Sample: IA1633STD-12.5 S/N:8537.6 Points Across peak:43



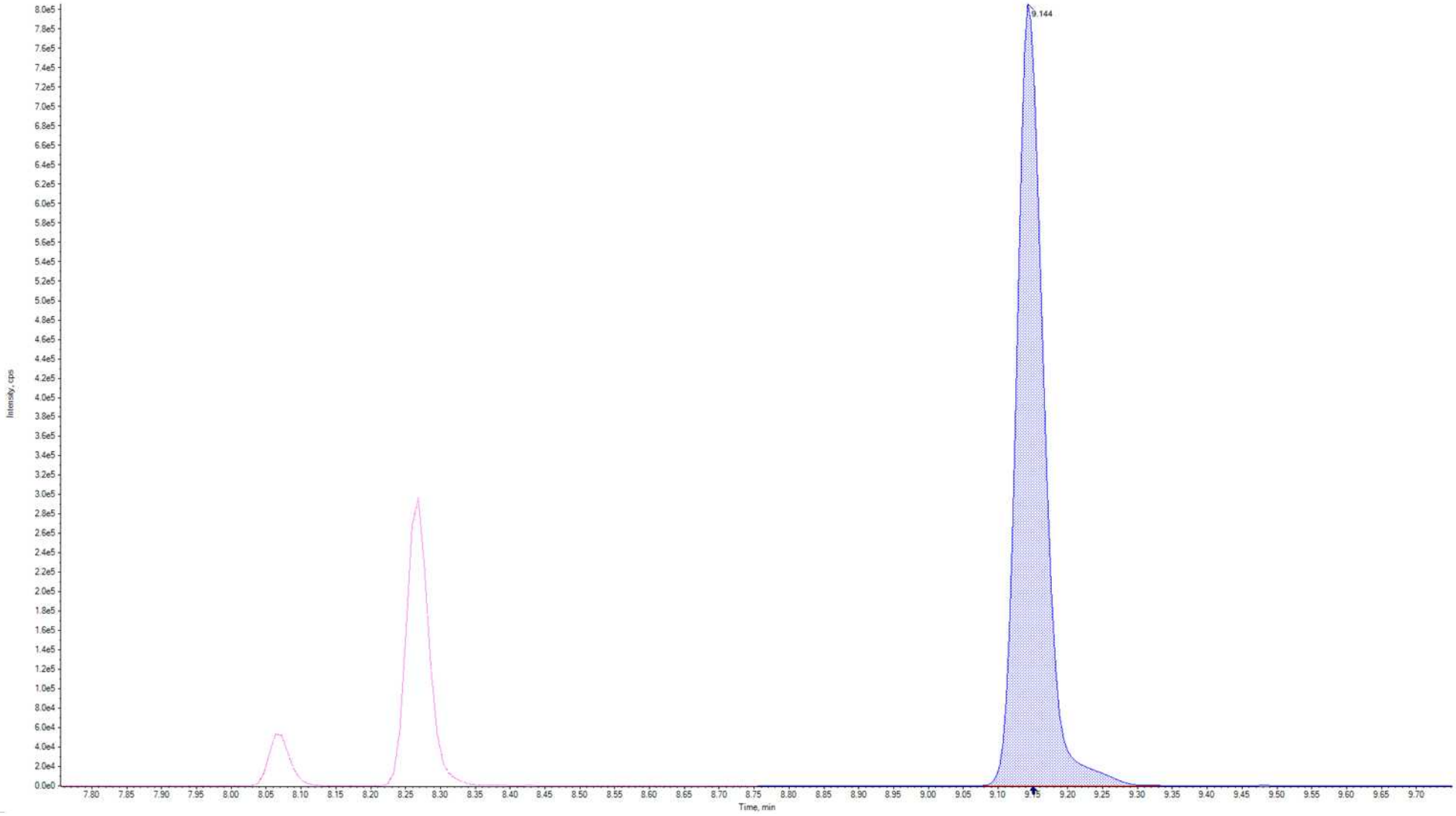
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNS_2
Sample: IA1633STD-12.5 S/N:6494.8 Points Across peak:40



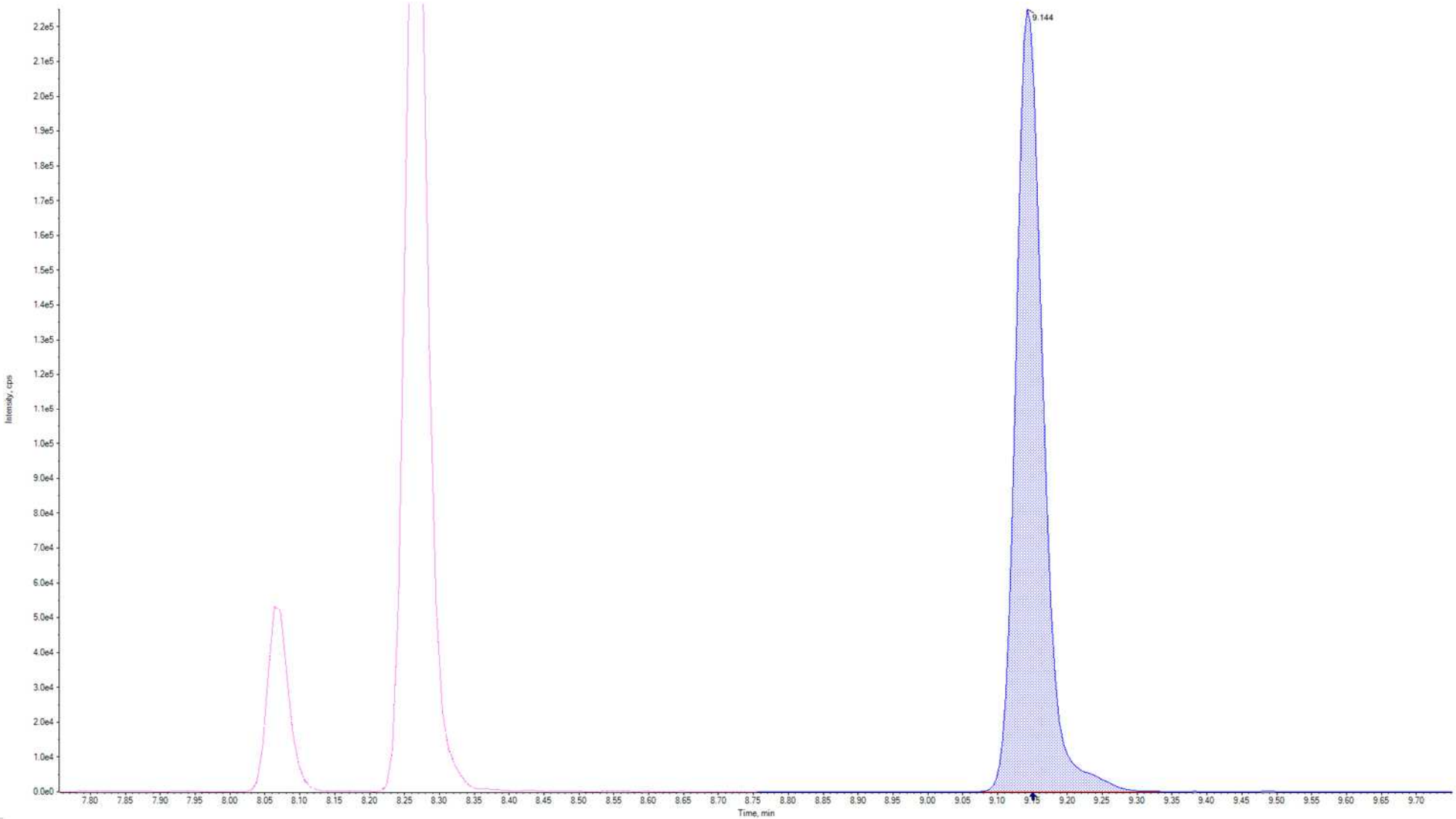
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDS
Sample: IA1633STD-12.5 S/N:33767.3 Points Across peak:61



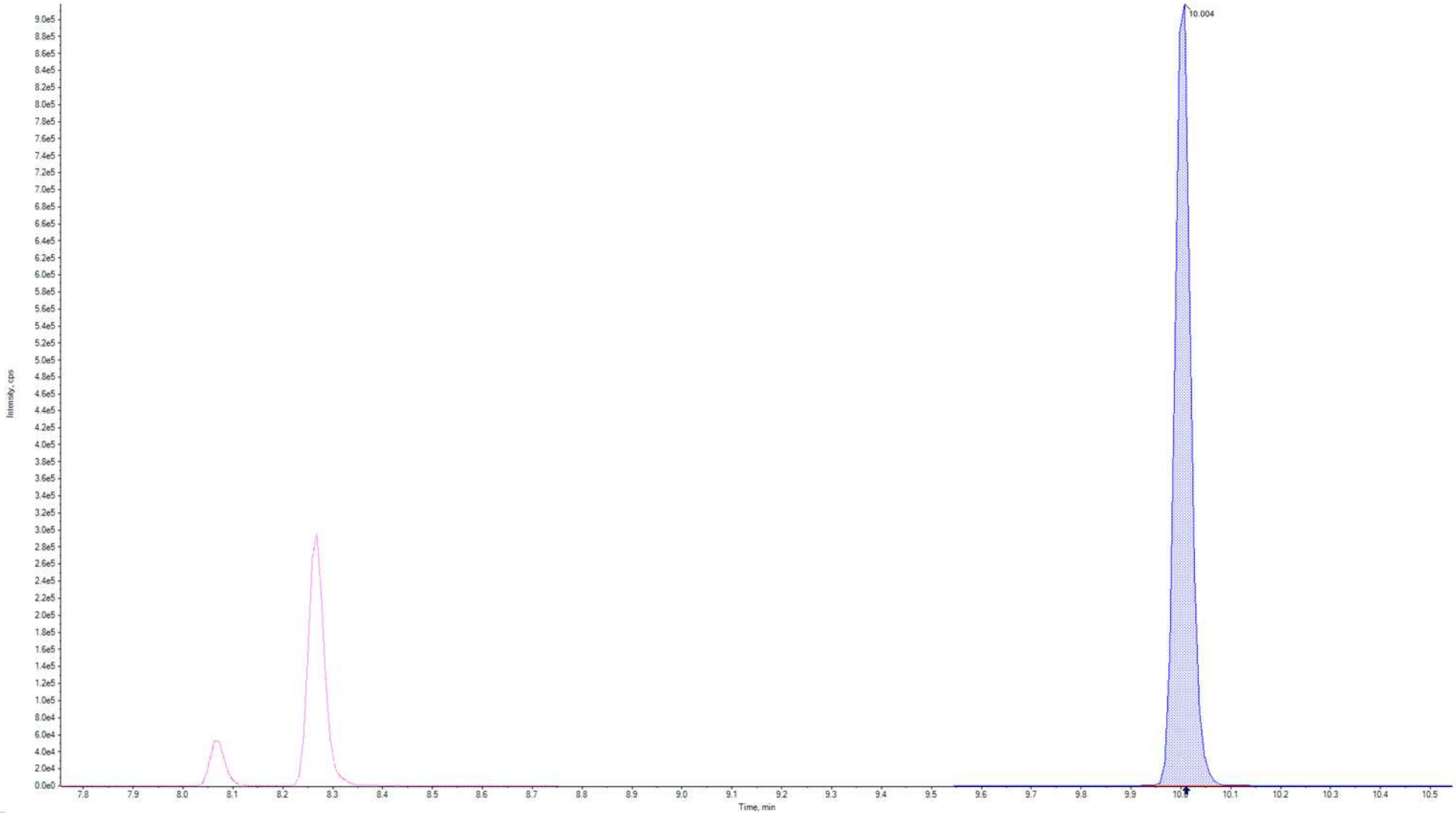
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDS_2
Sample: IA1633STD-12.5 S/N:505551.9 Points Across peak:53



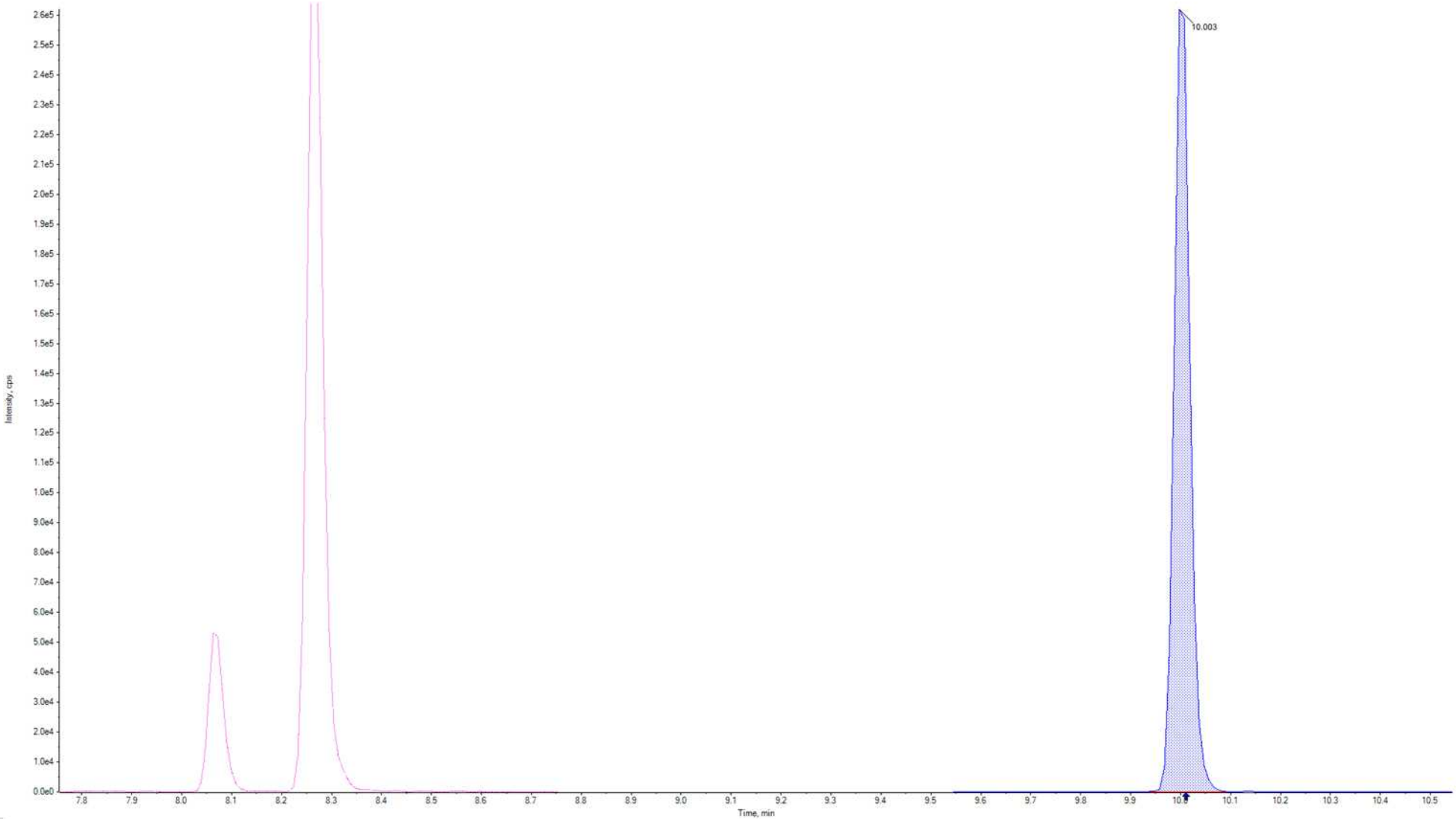
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS
Sample: IA1633STD-12.5 S/N:10089.2 Points Across peak:42

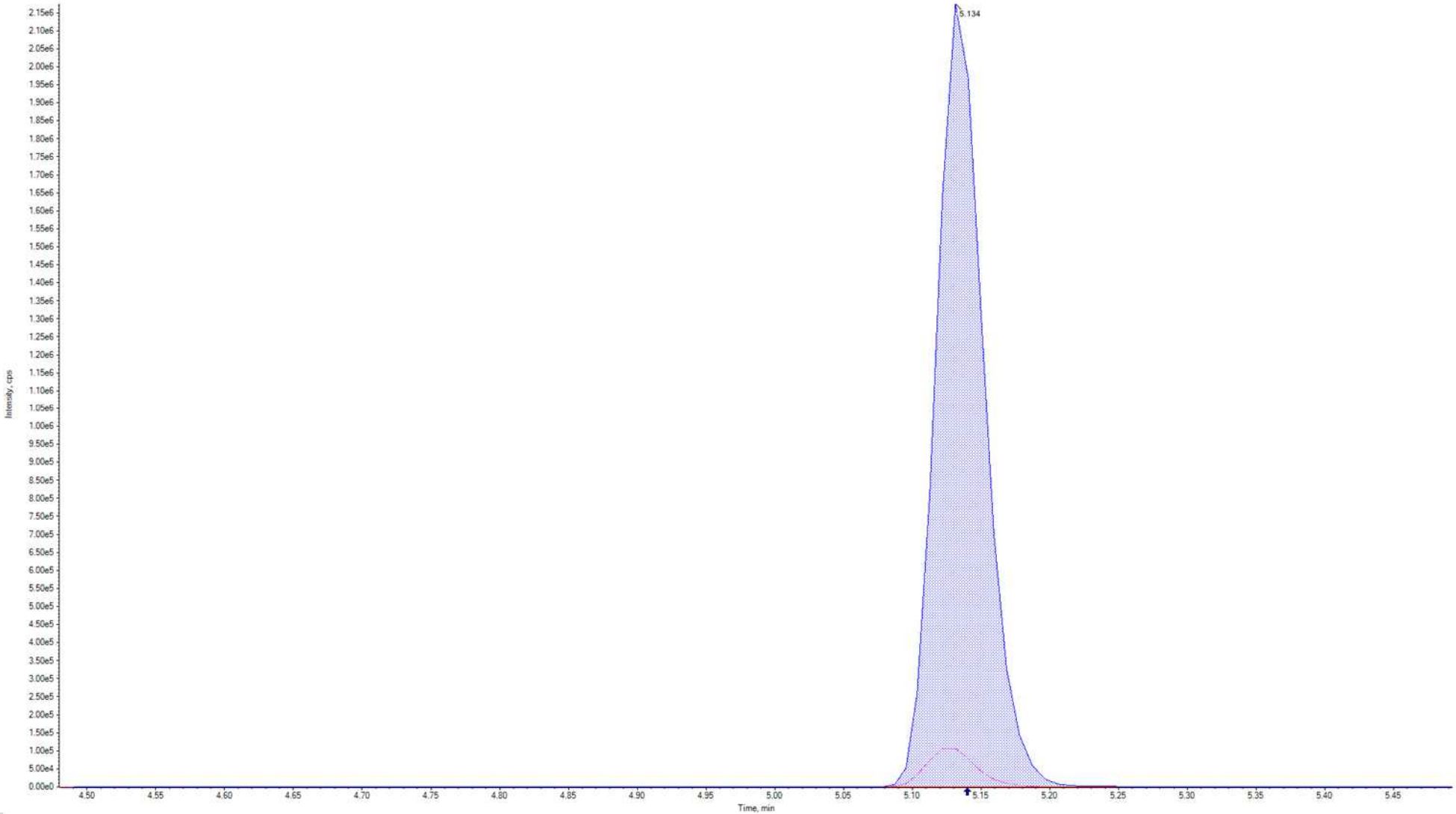


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS_2
Sample: IA1633STD-12.5 S/N:2732.7 Points Across peak:21

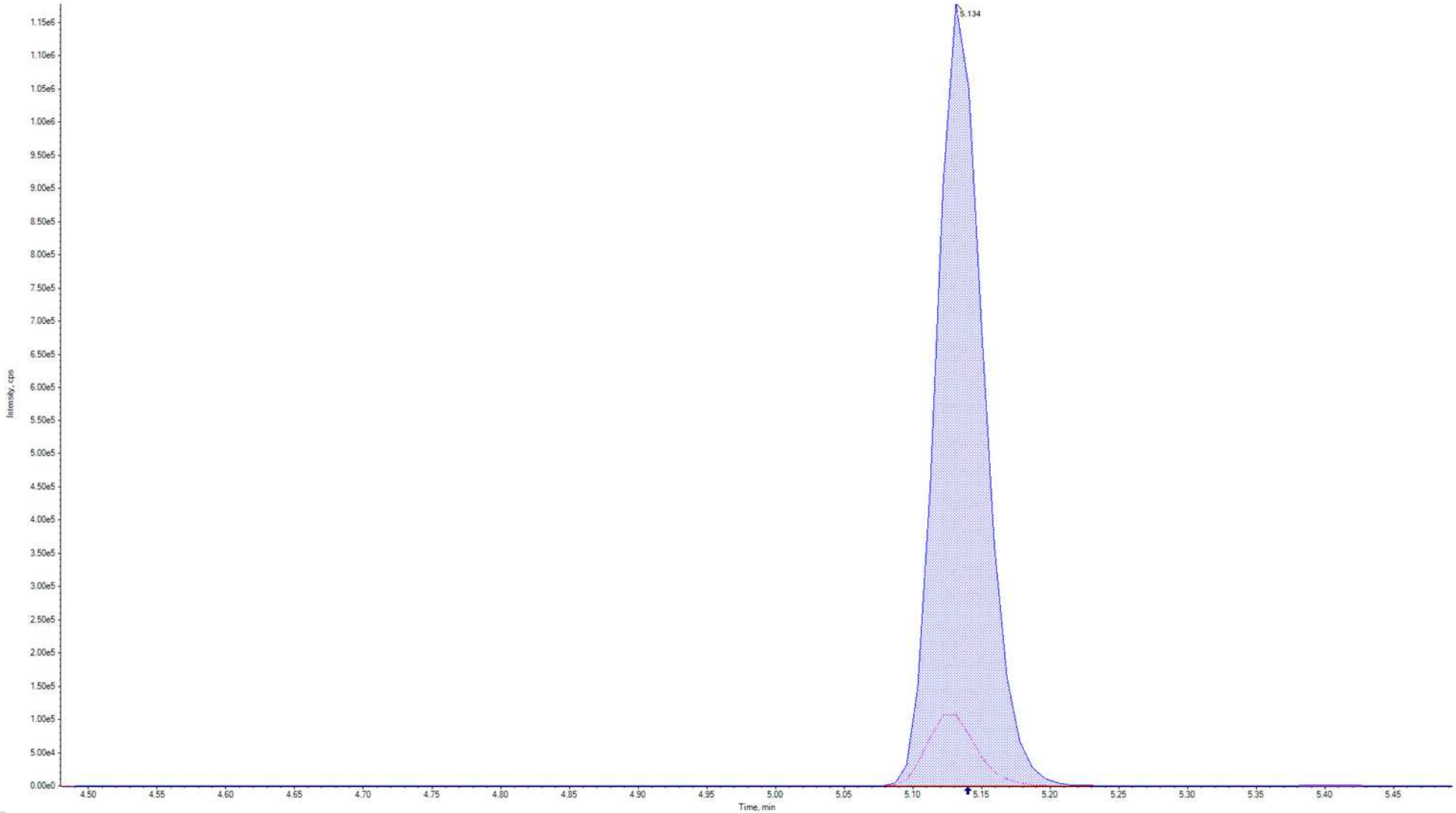


4:2FTS
Sample: IA1633STD-12.5 S/N:2568647.3 Points Across peak:26



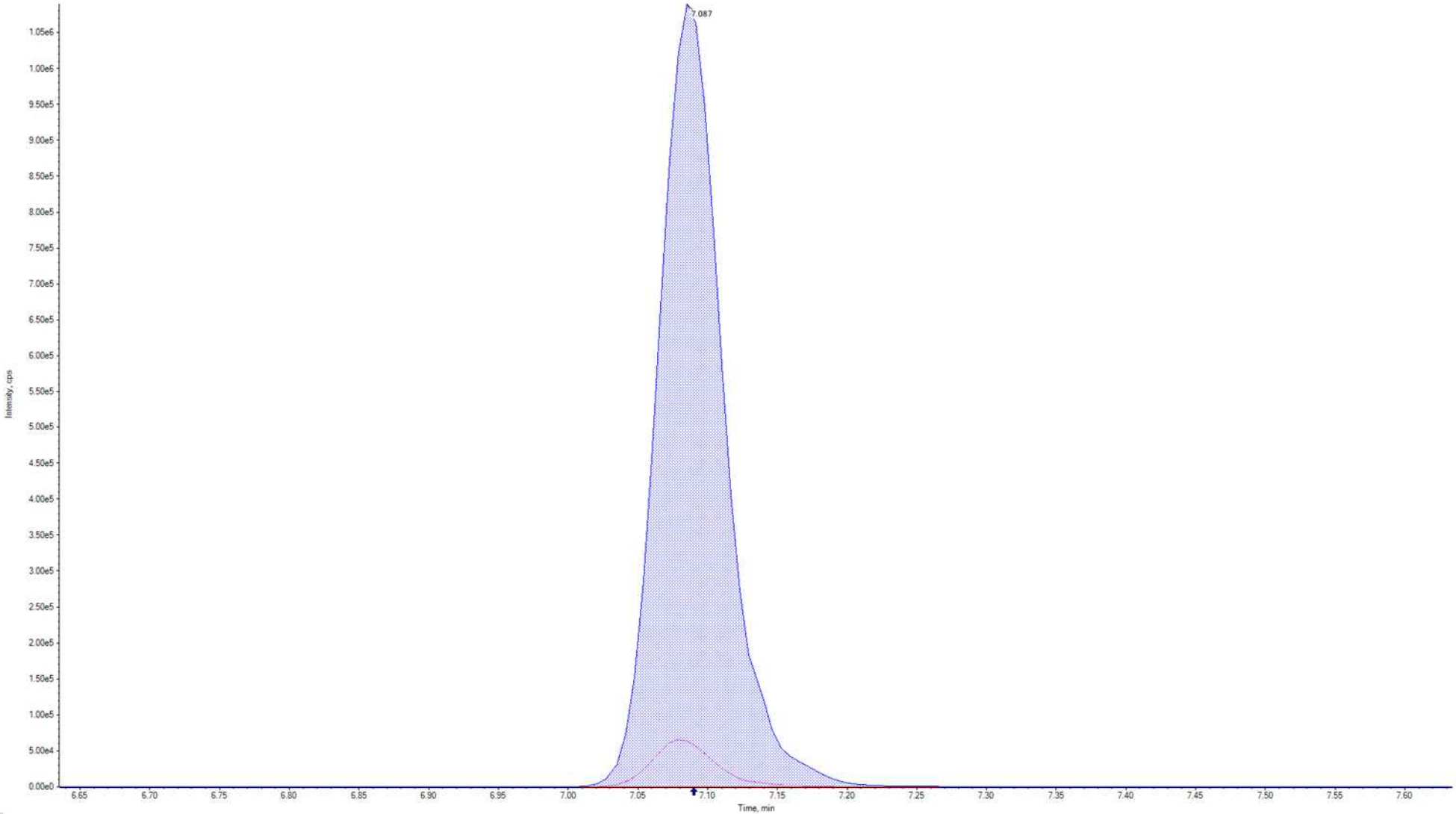
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS_2
Sample: IA1633STD-12.5 S/N:18681.1 Points Across peak:27



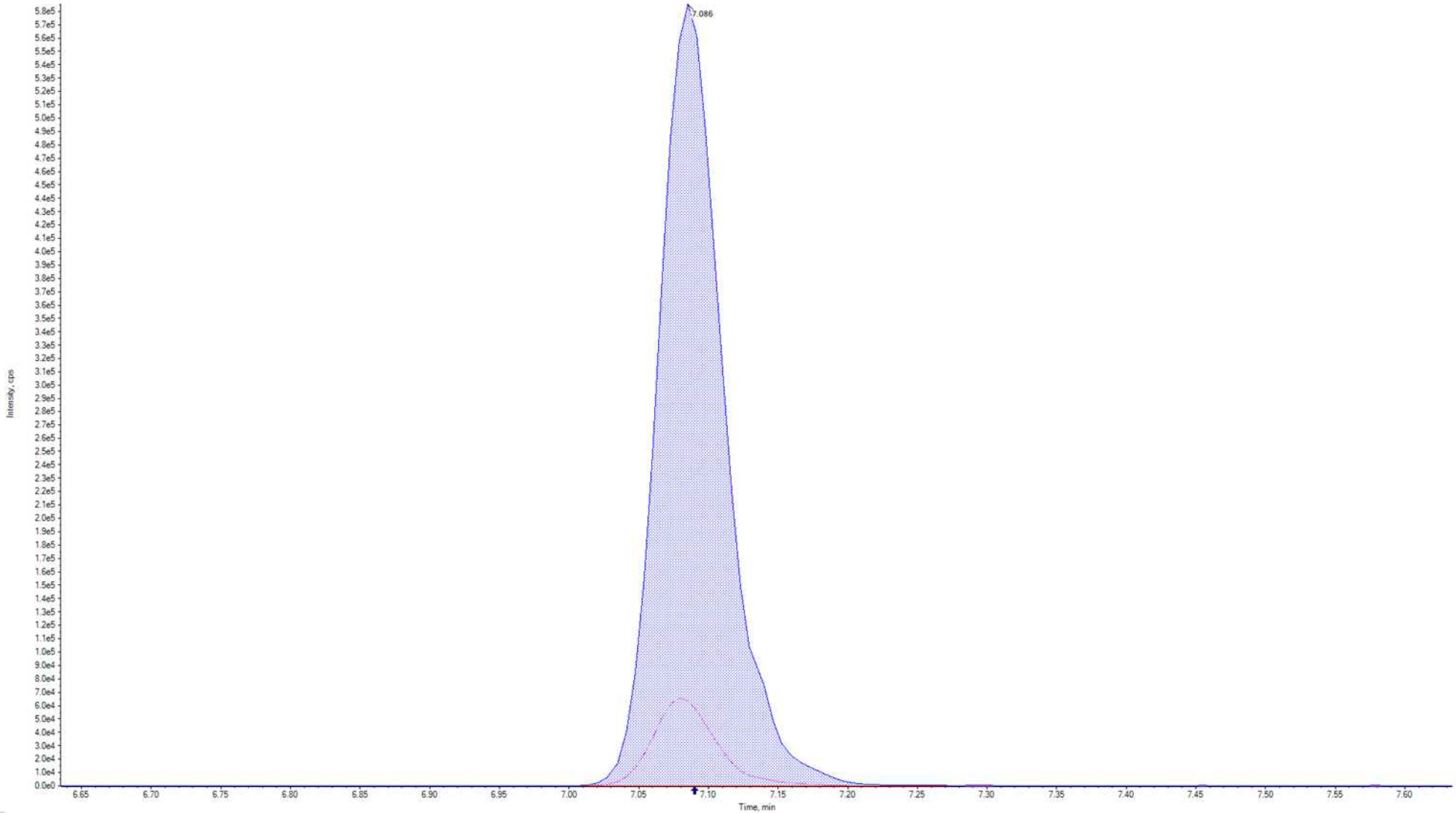
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS
Sample: IA1633STD-12.5 S/N:120969115.6 Points Across peak:51



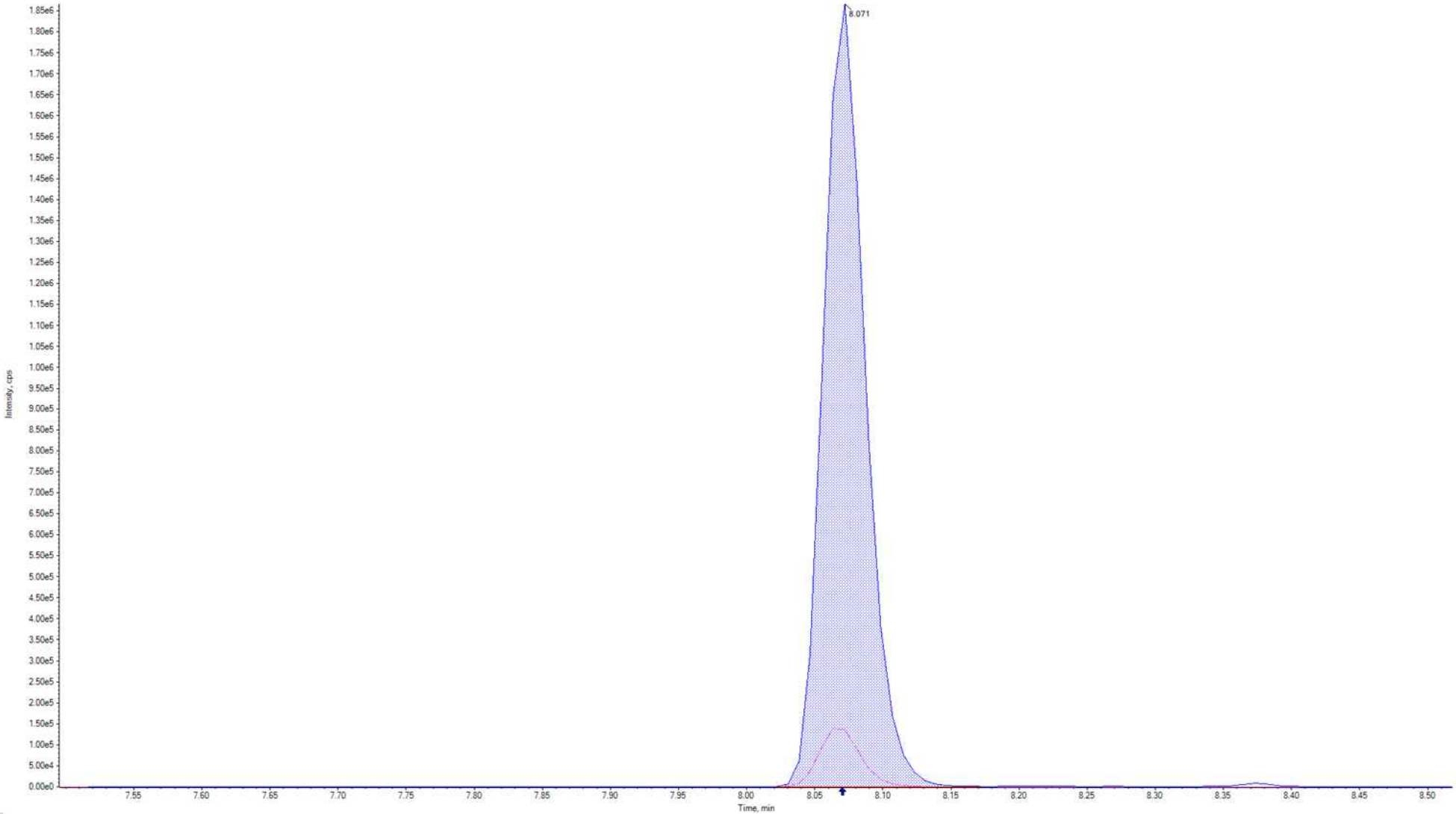
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS_2
Sample: IA1633STD-12.5 S/N:3466447.2 Points Across peak:51



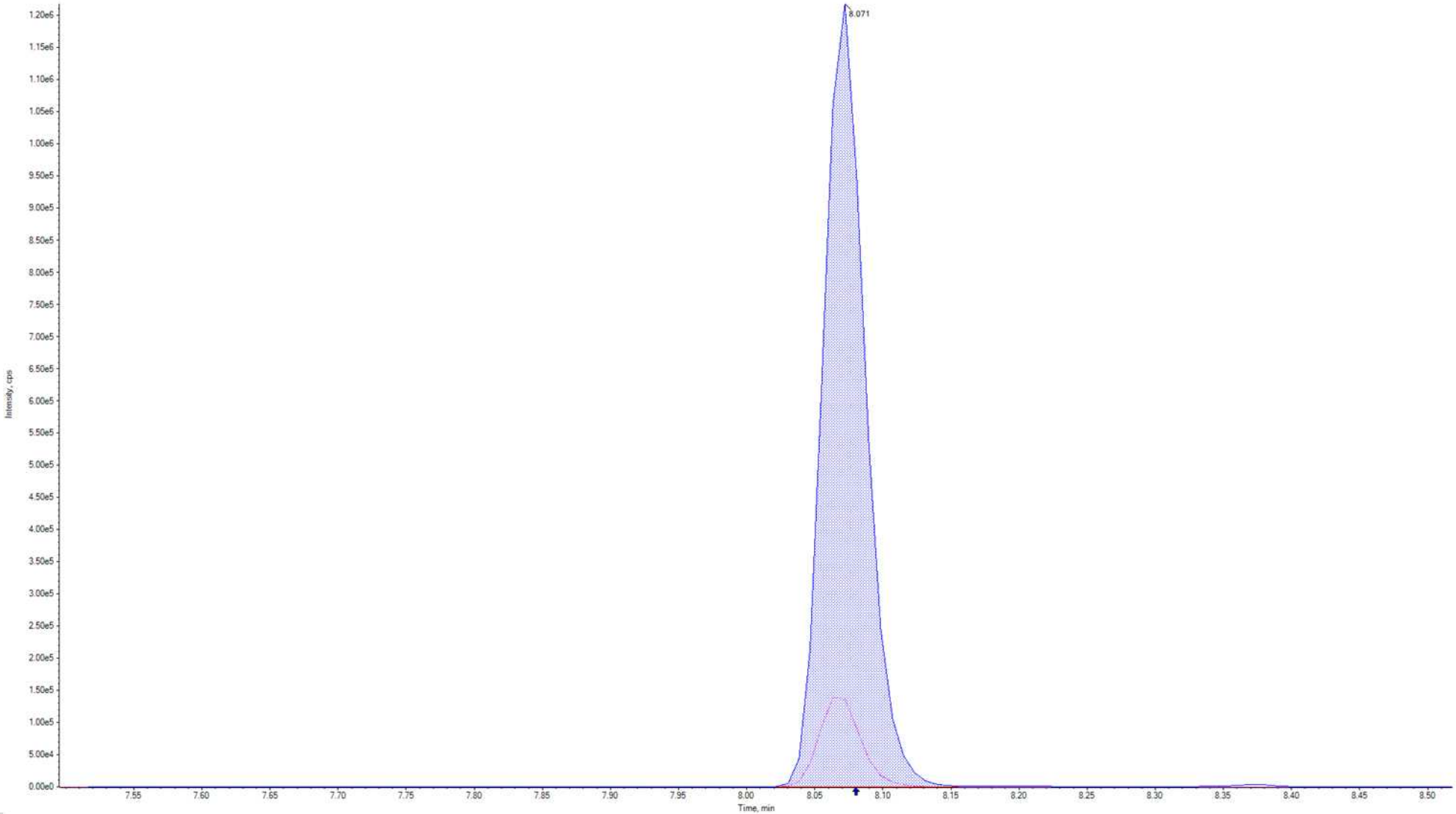
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS
Sample: IA1633STD-12.5 S/N:5812.1 Points Across peak:21



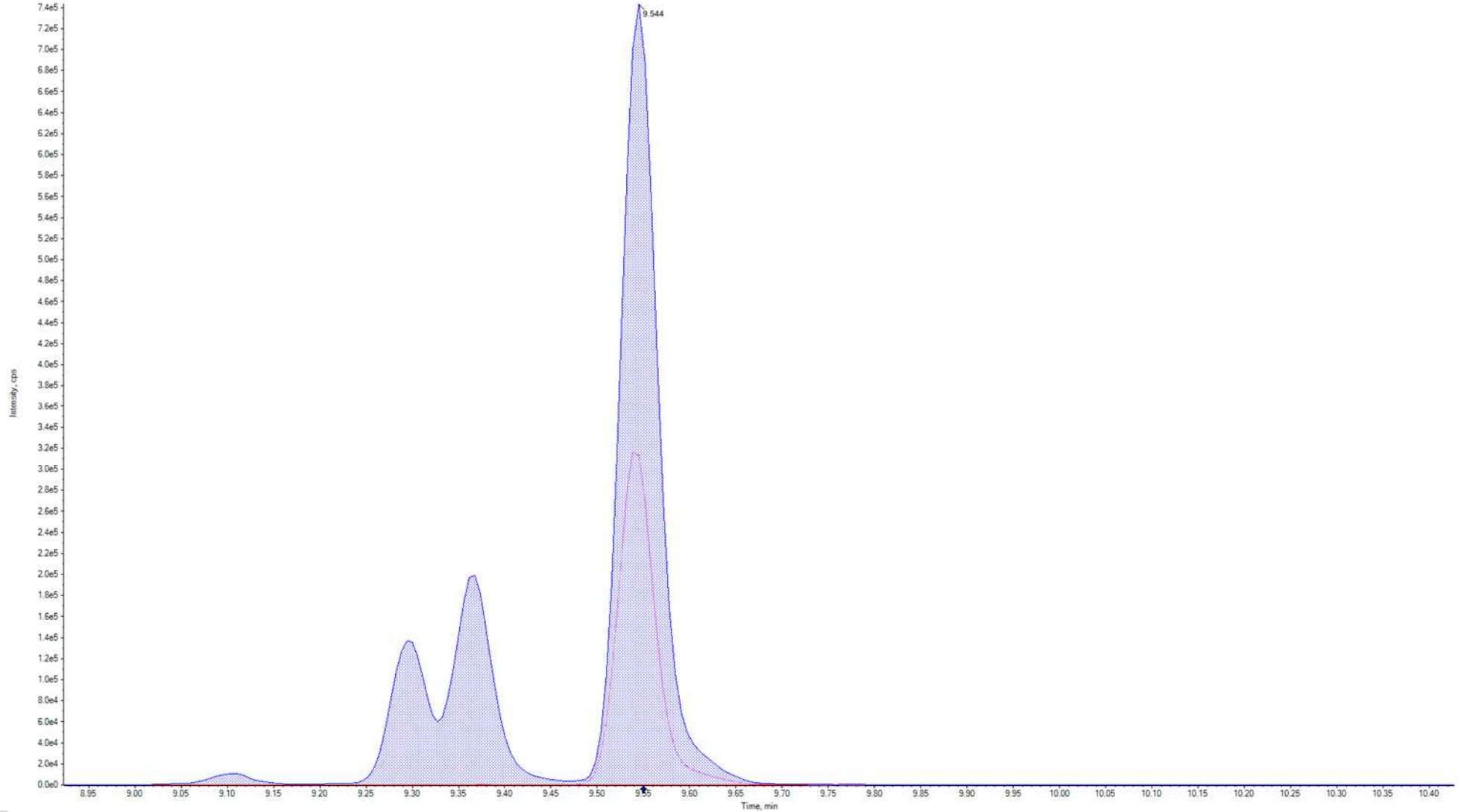
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS_2
Sample: IA1633STD-12.5 S/N:50696400.7 Points Across peak:18



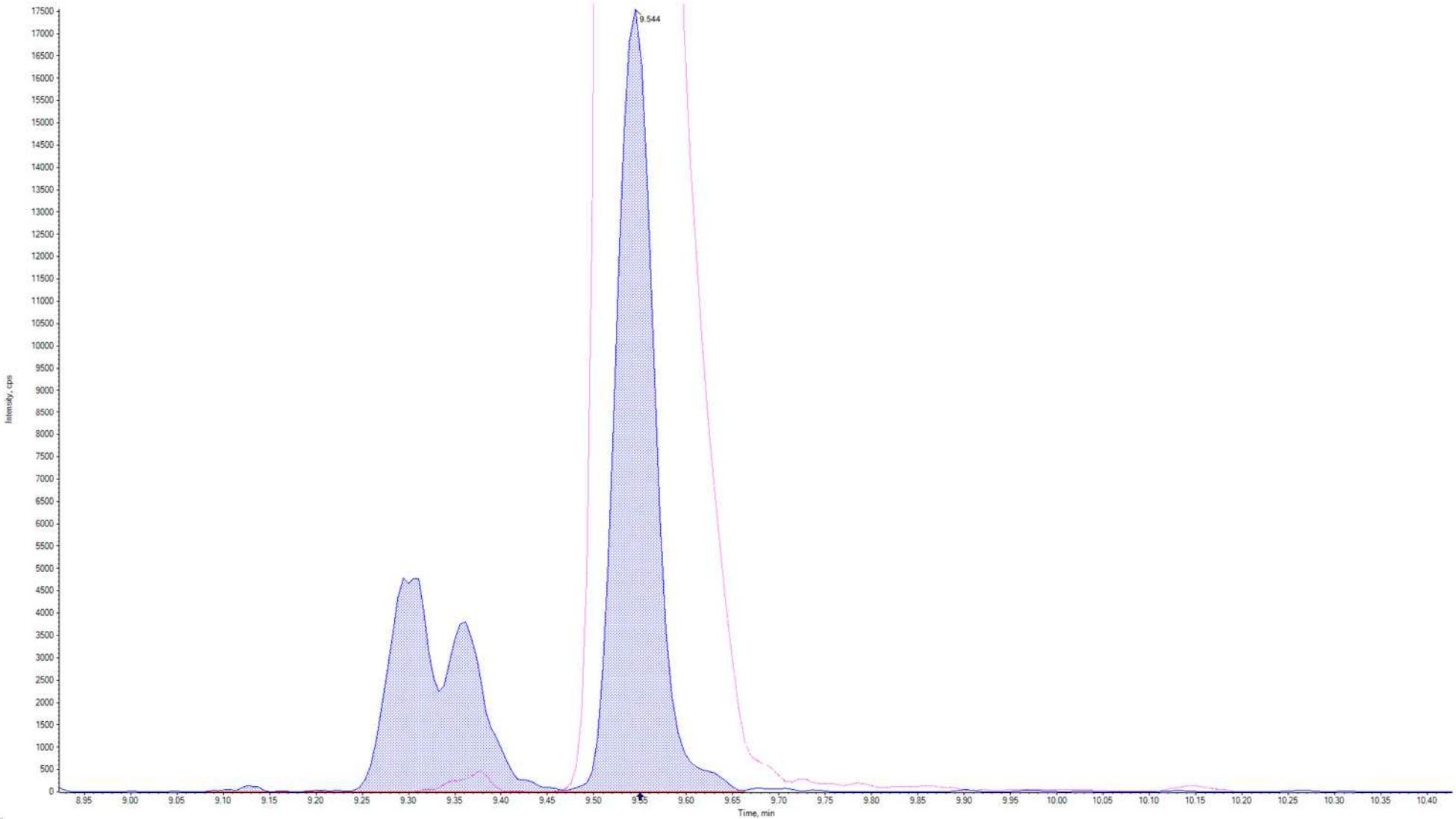
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA
Sample: IA1633STD-12.5 S/N:1226.0 Points Across peak:128



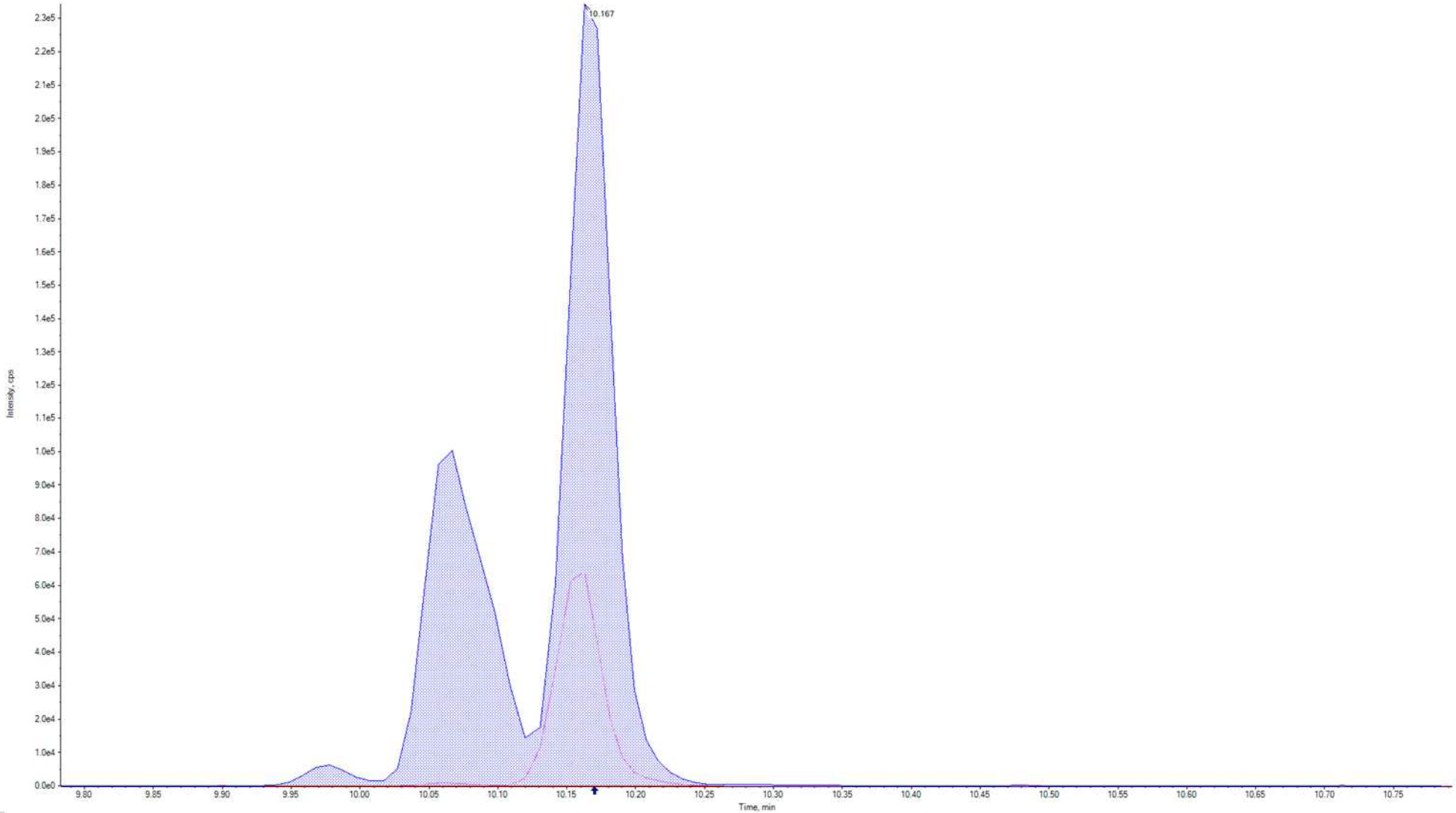
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA_2
Sample: IA1633STD-12.5 S/N:974.3 Points Across peak:104



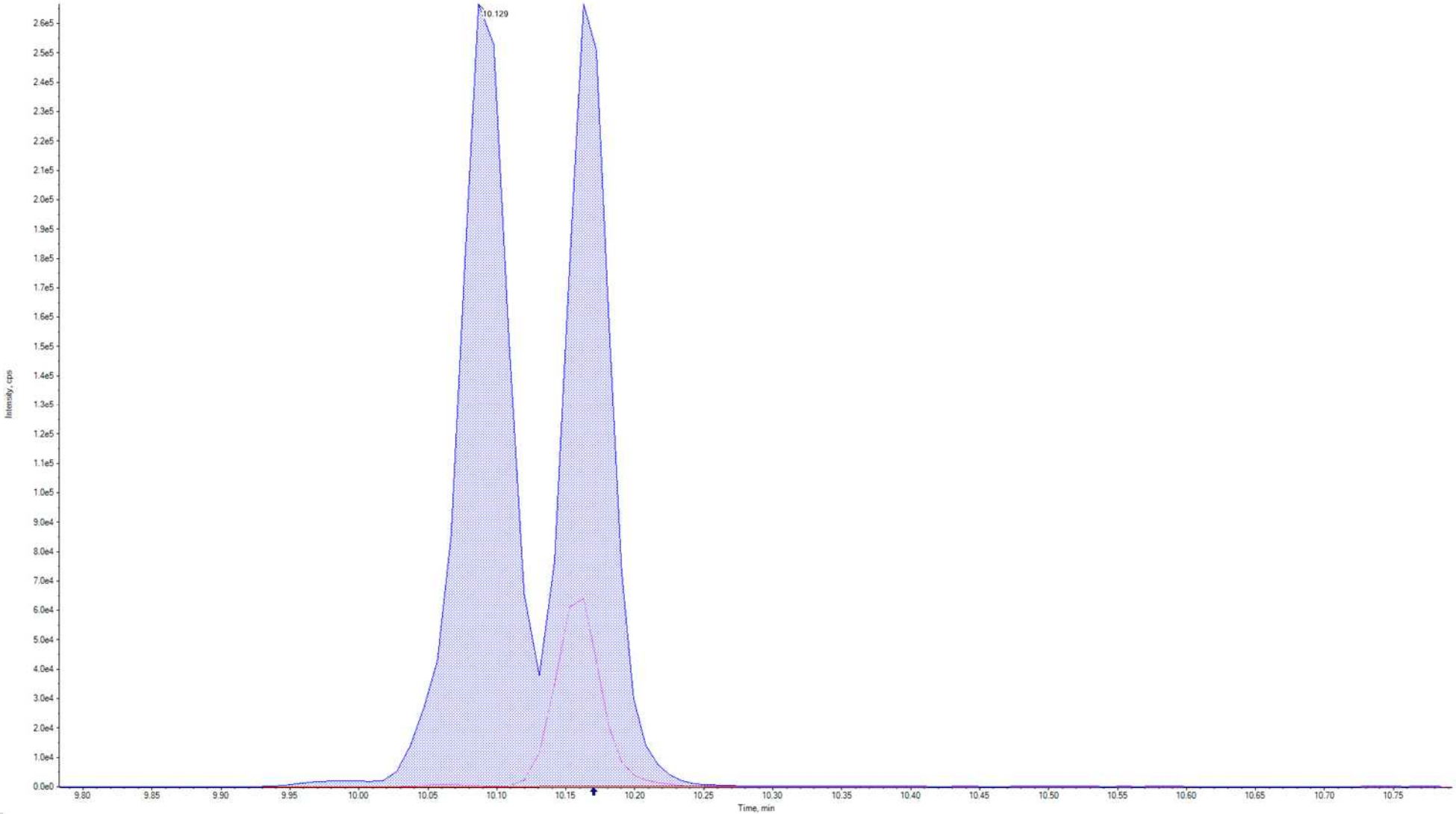
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA
Sample: IA1633STD-12.5 S/N:6478.8 Points Across peak:37



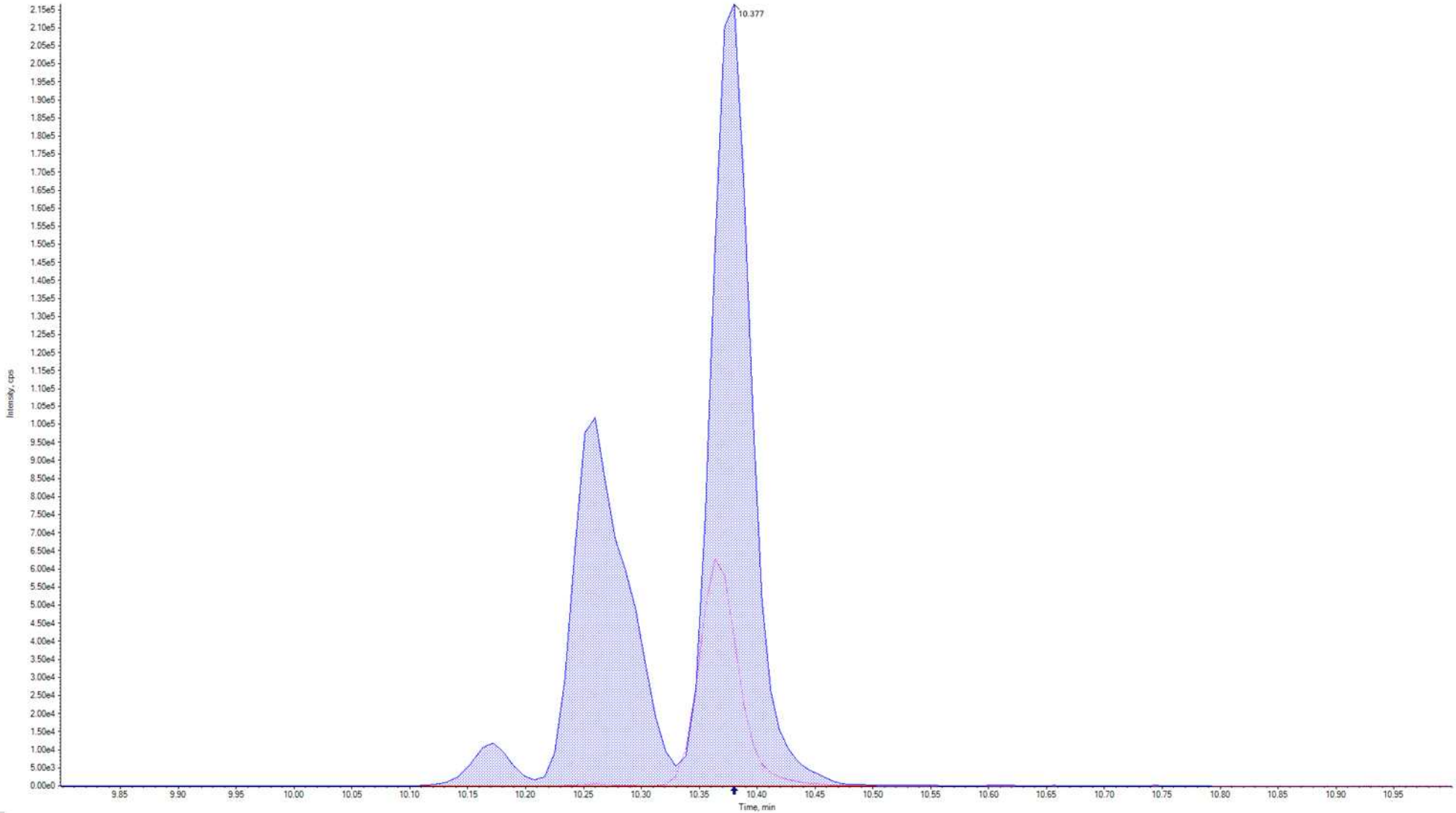
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA_2
Sample: IA1633STD-12.5 S/N:3068.0 Points Across peak:40



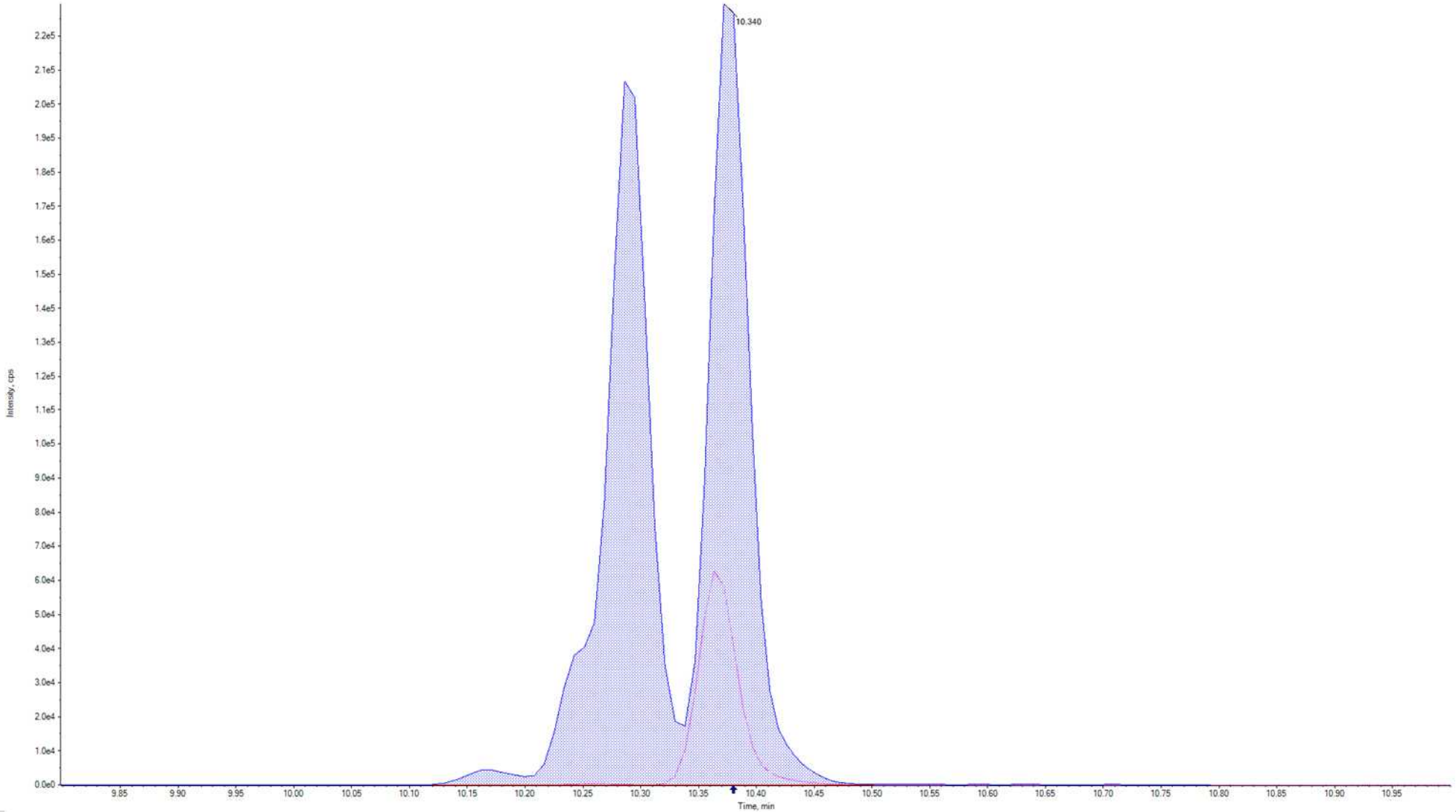
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA
Sample: IA1633STD-12.5 S/N:6668.4 Points Across peak:50



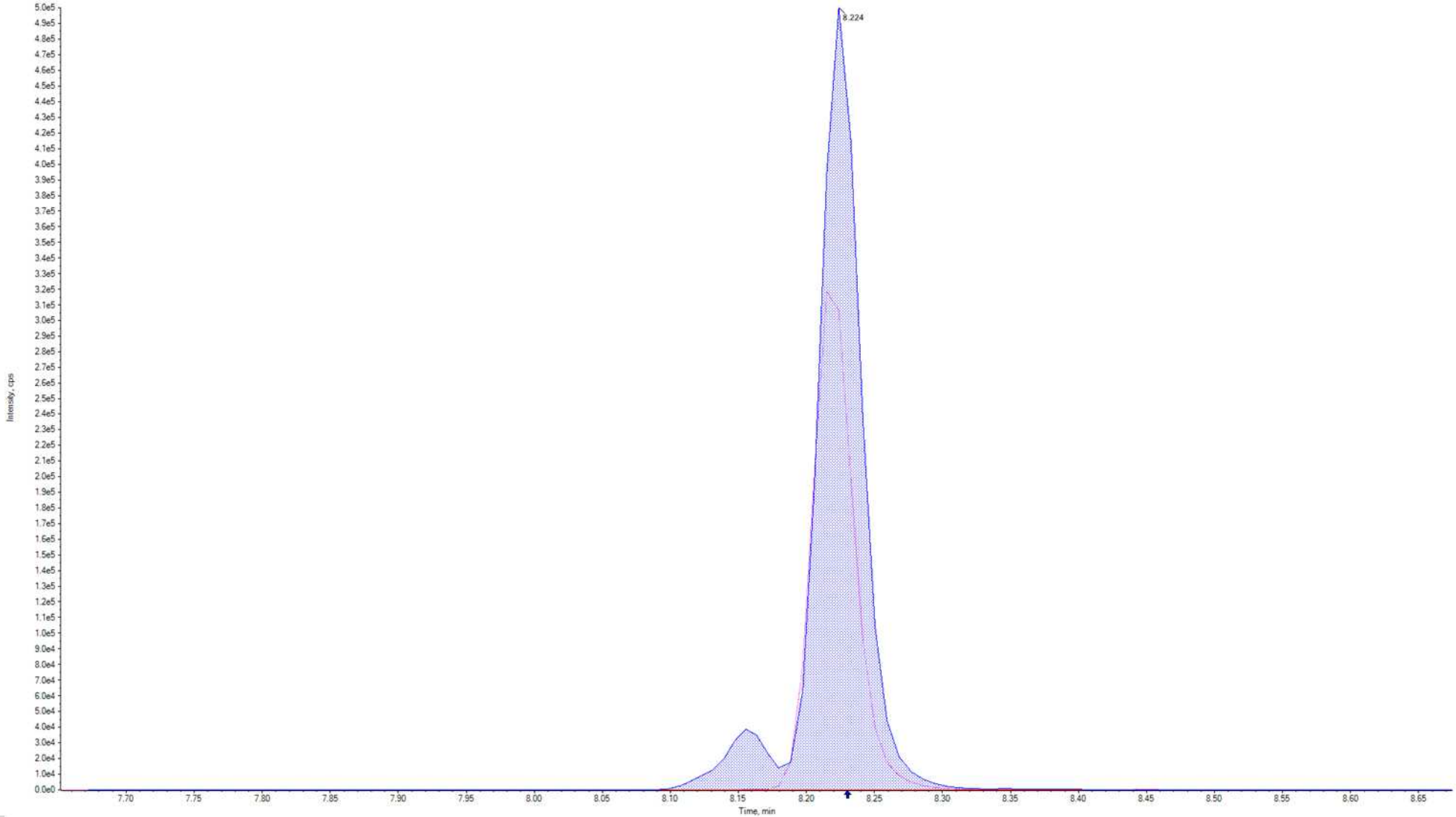
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA_2
Sample: IA1633STD-12.5 S/N:21994.8 Points Across peak:50



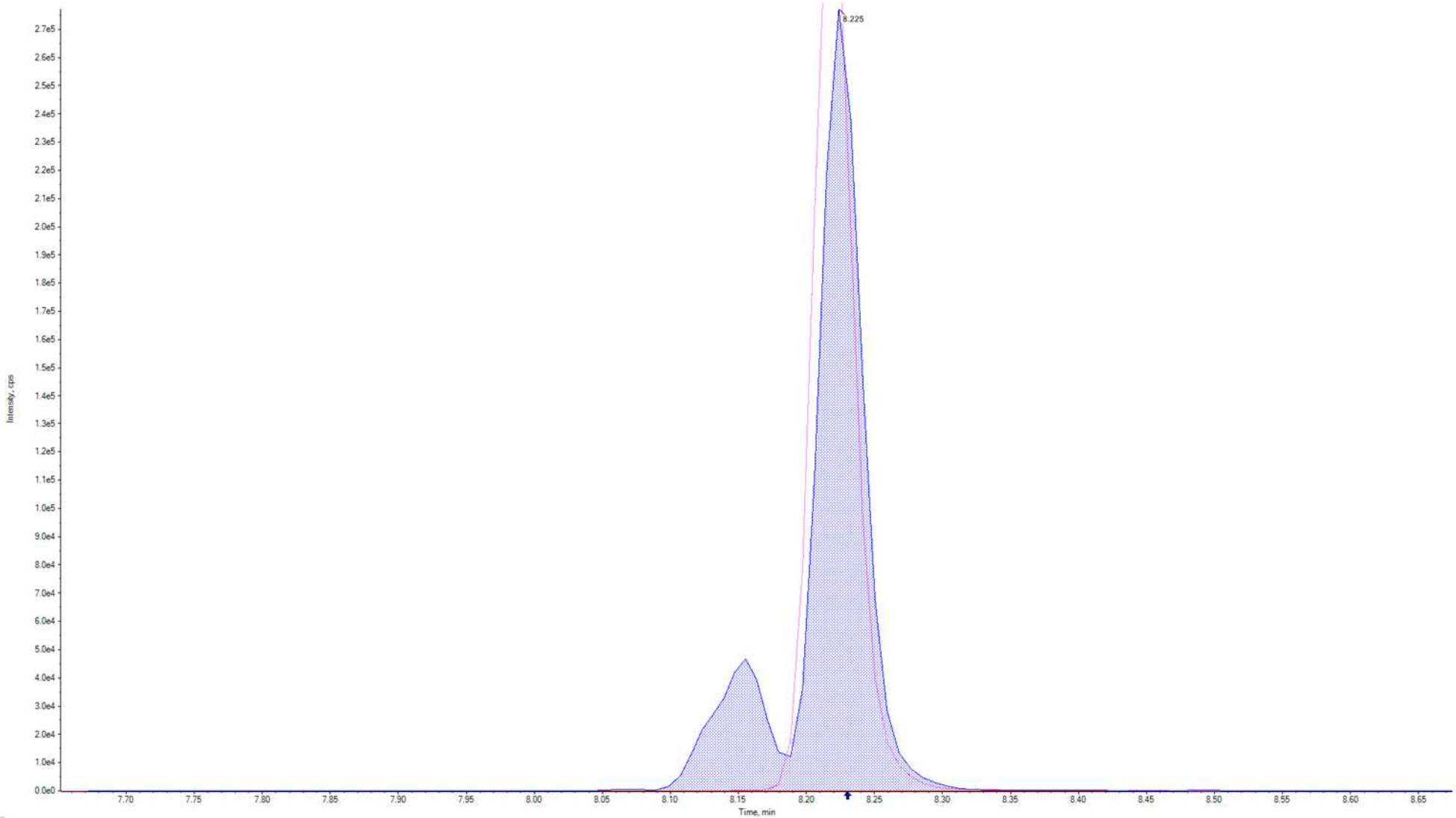
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA
Sample: IA1633STD-12.5 S/N:1742.1 Points Across peak:41



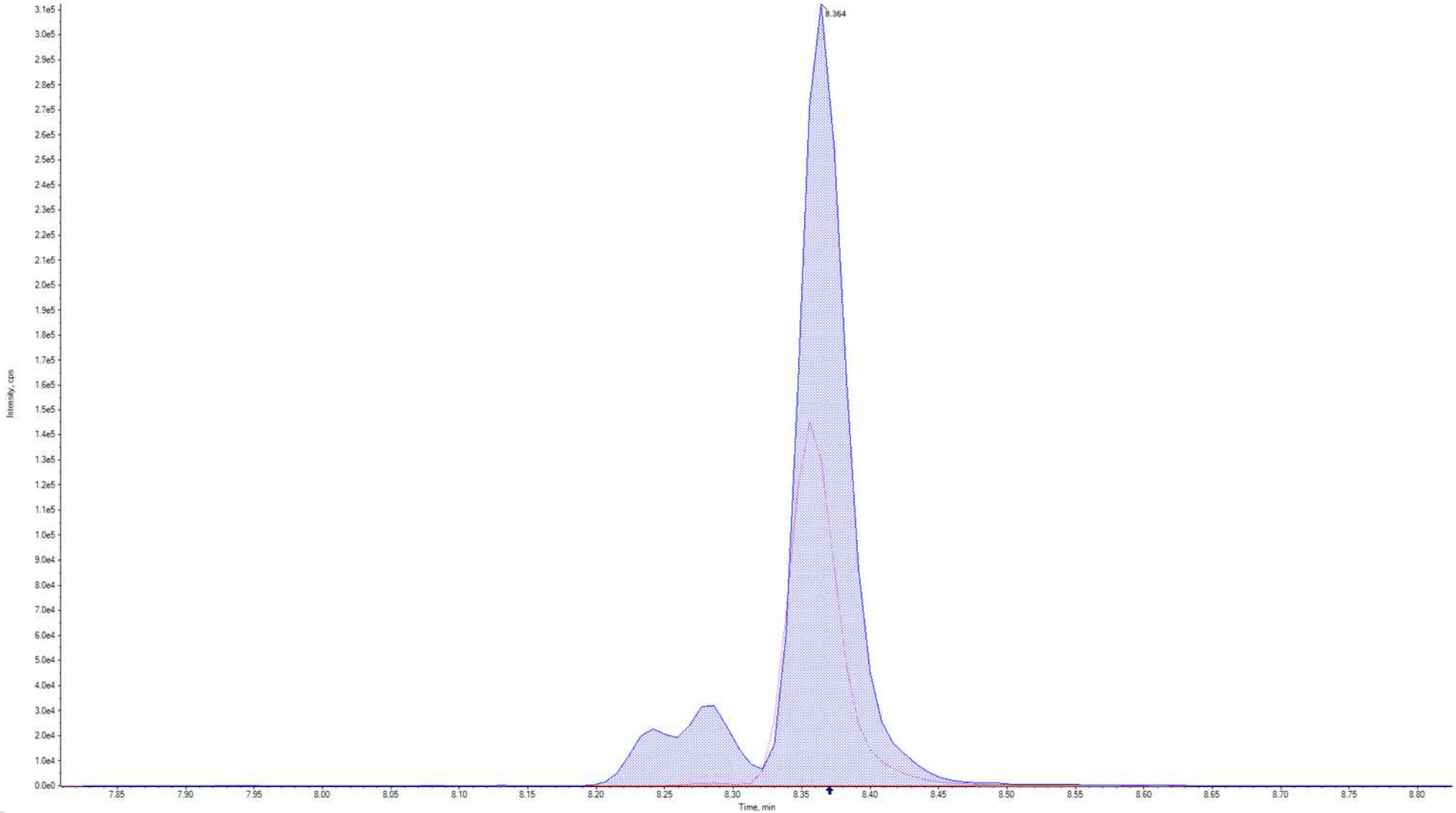
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA_2
Sample: IA1633STD-12.5 S/N:987.0 Points Across peak:52



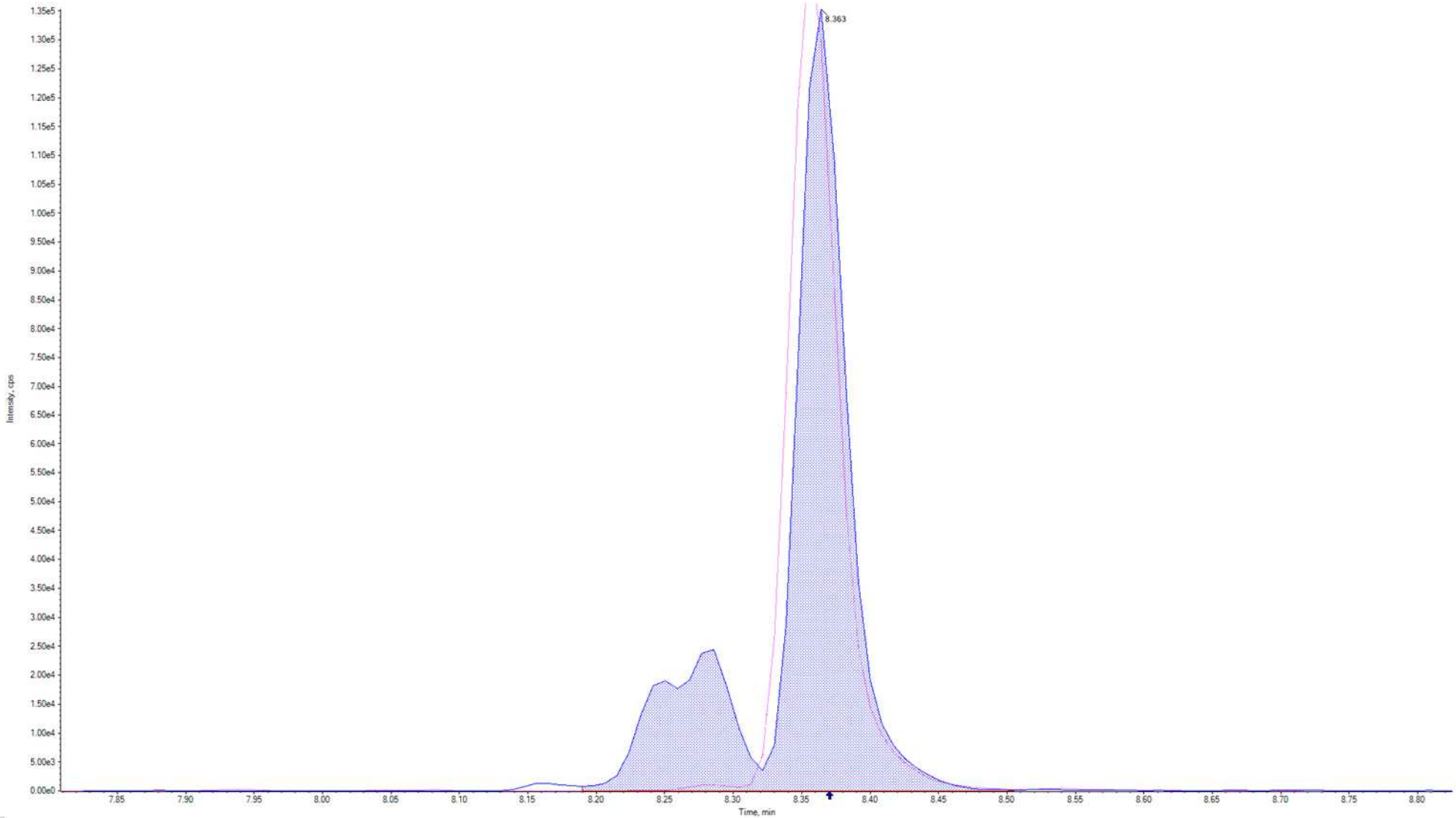
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA
Sample: IA1633STD-12.5 S/N:781.1 Points Across peak:50



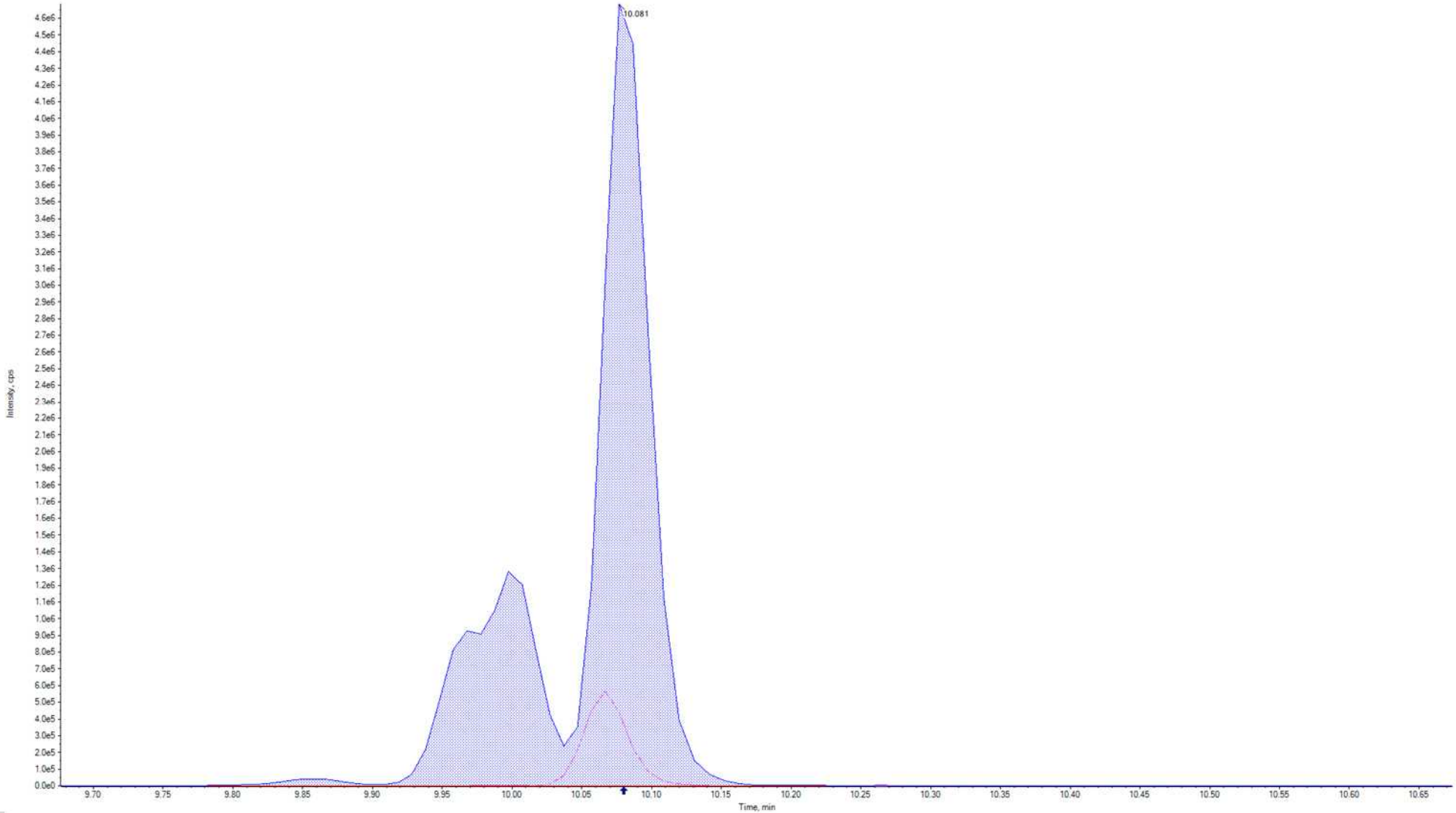
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA_2
Sample: IA1633STD-12.5 S/N:577.9 Points Across peak:38



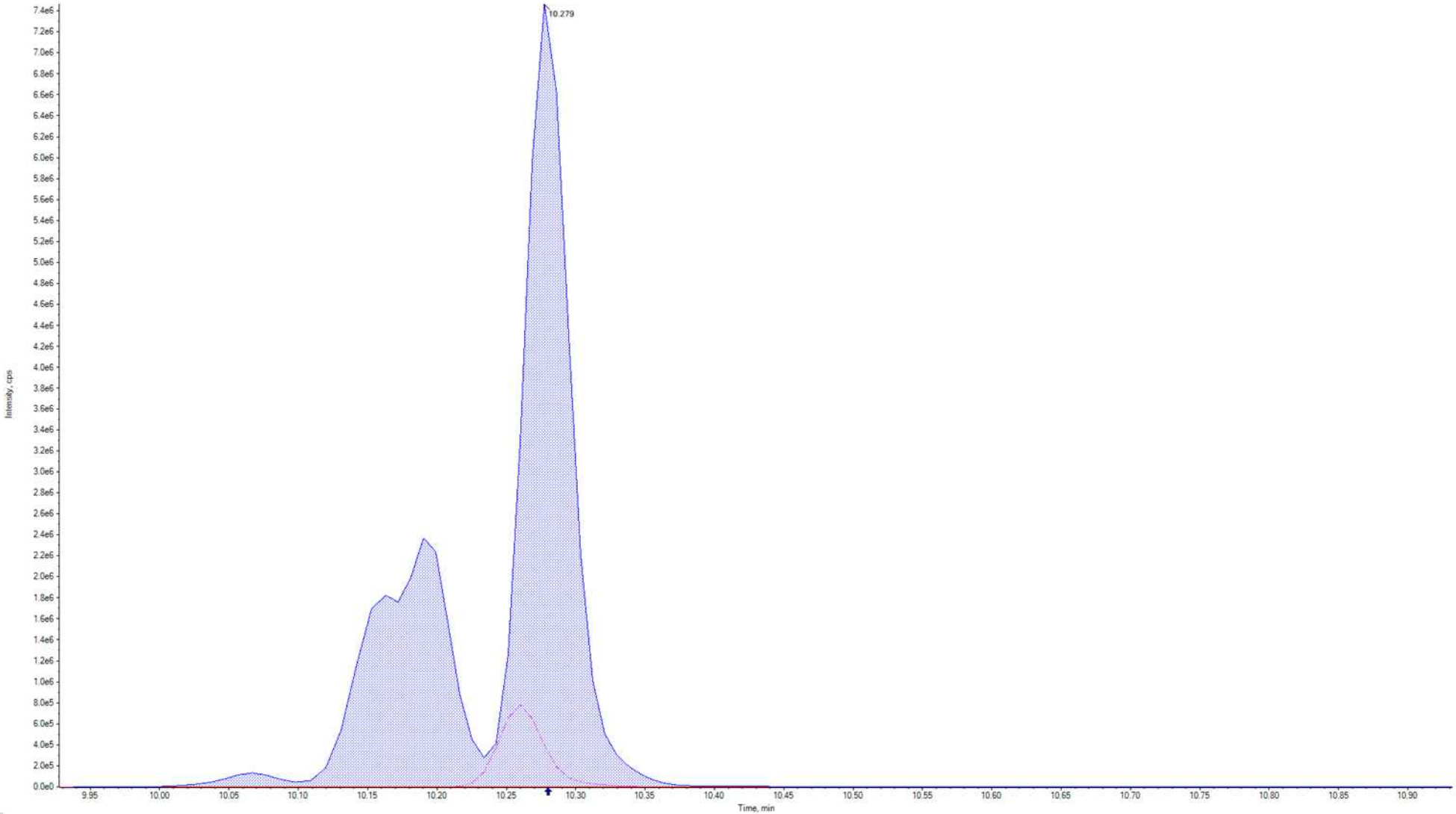
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSE
Sample: IA1633STD-12.5 S/N:6722.2 Points Across peak:57



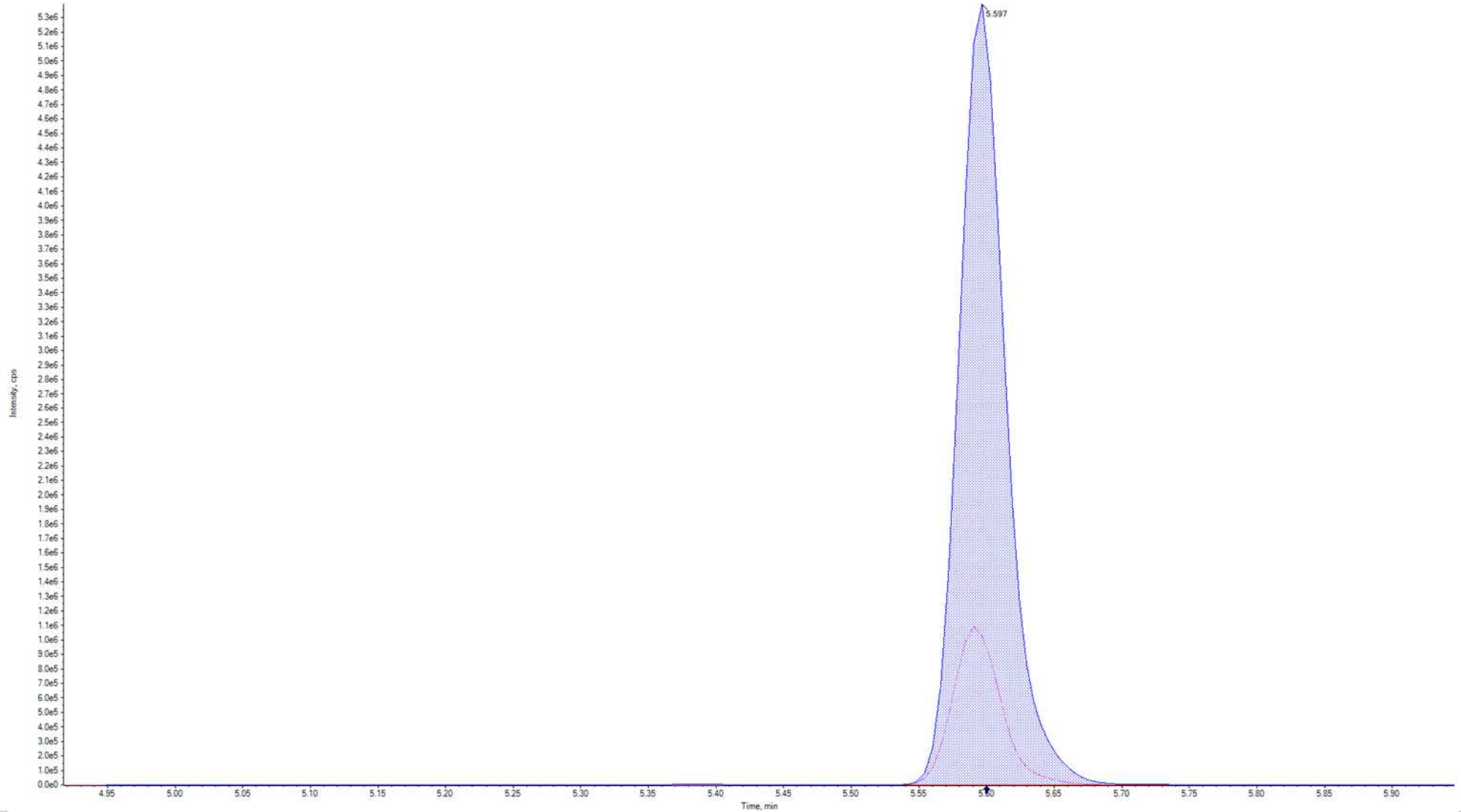
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSE
Sample: IA1633STD-12.5 S/N:4266.4 Points Across peak:57



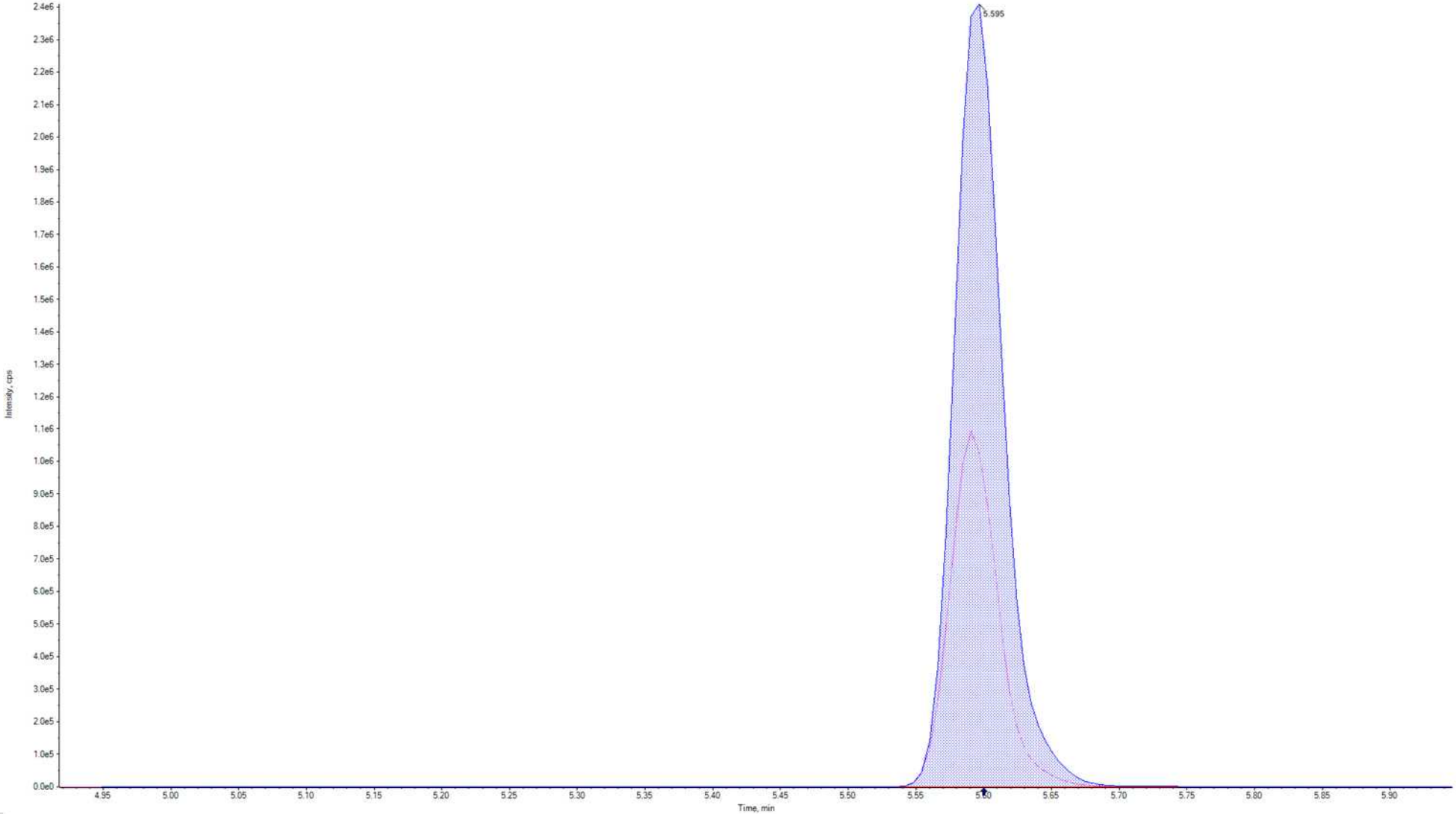
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA
Sample: IA1633STD-12.5 S/N:25692.9 Points Across peak:61



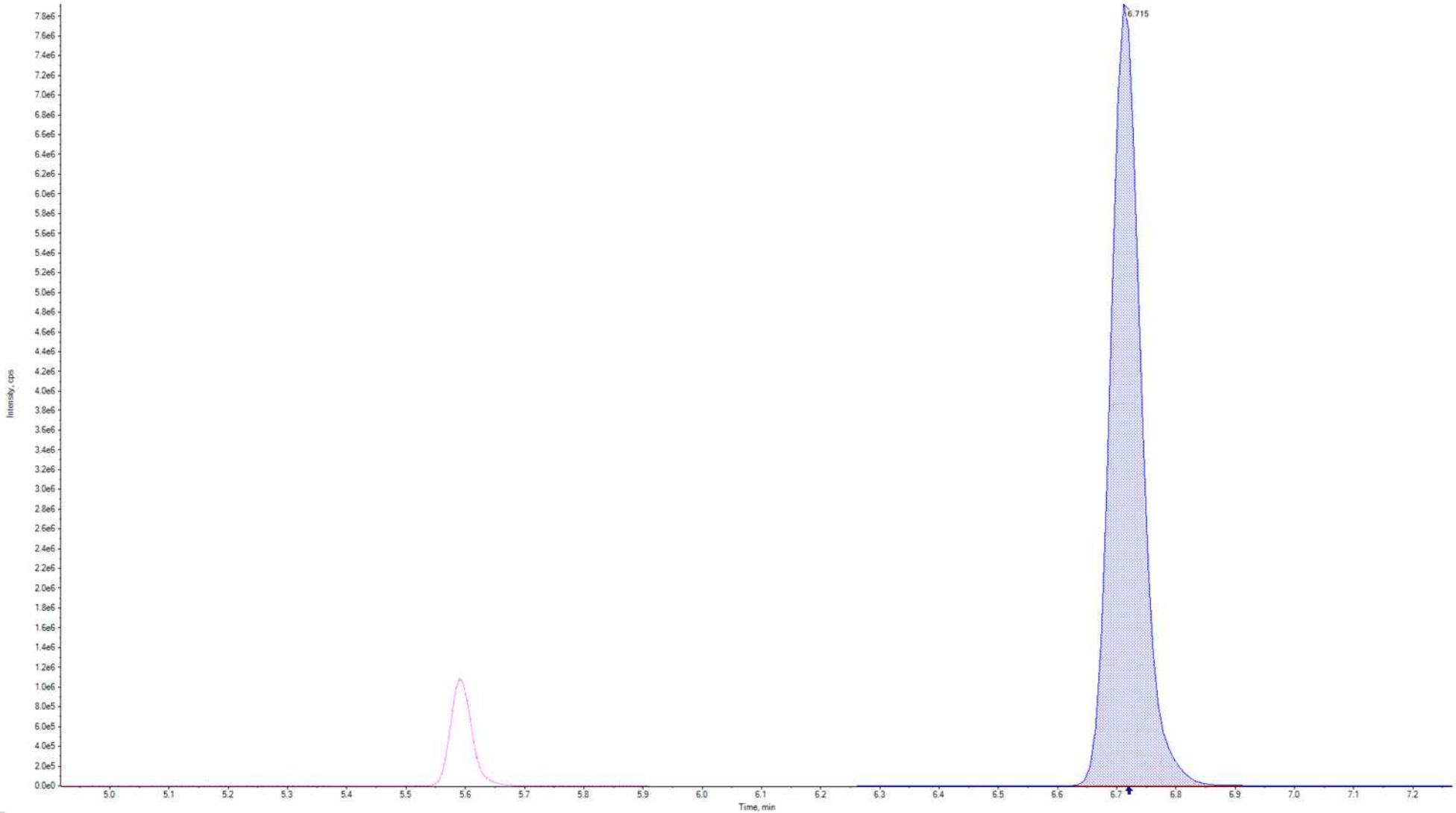
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA_2
Sample: IA1633STD-12.5 S/N:9799.0 Points Across peak:48



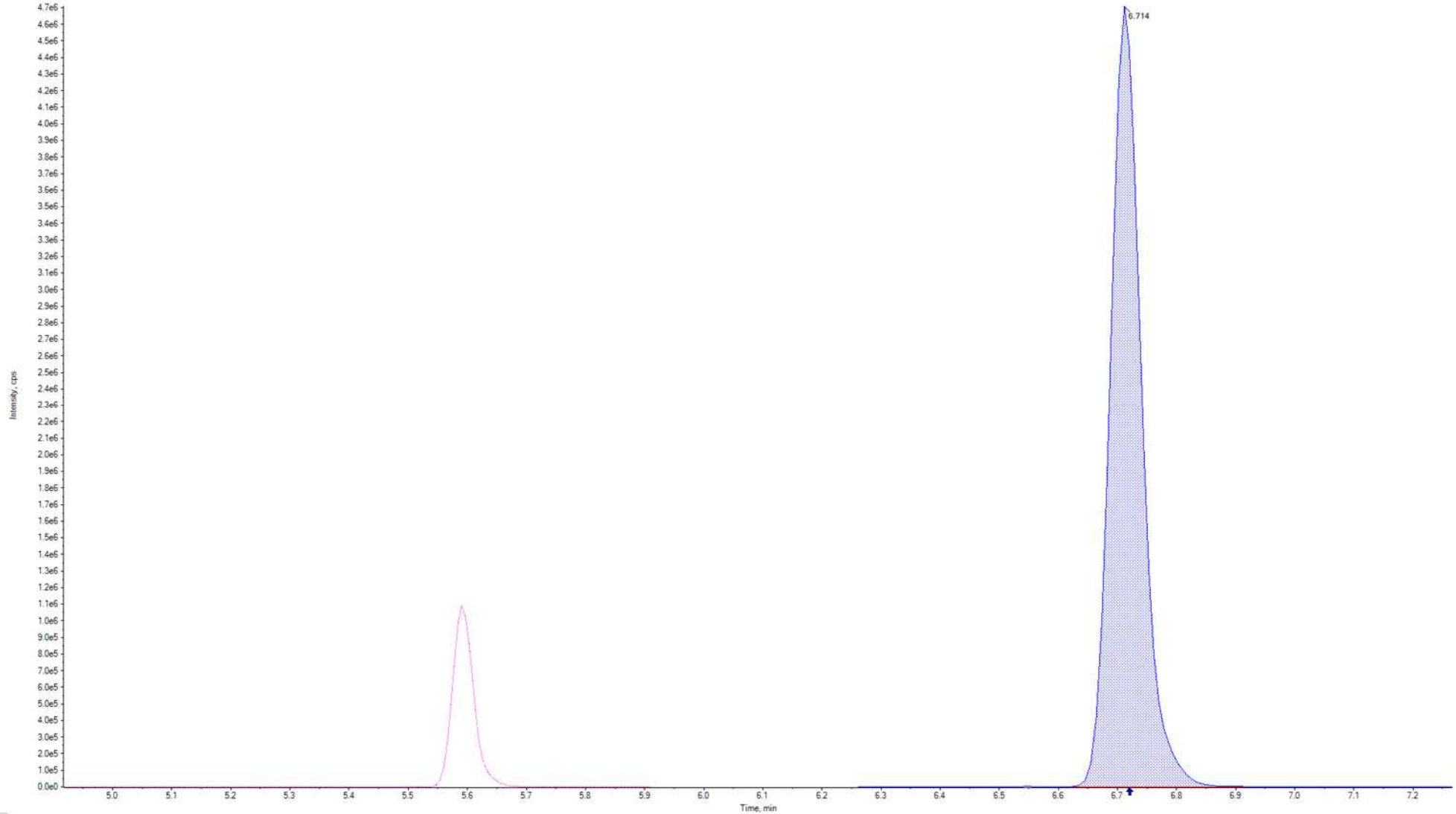
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

ADONA
Sample: IA1633STD-12.5 S/N:30974.3 Points Across peak:44



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

ADONA_2
Sample: IA1633STD-12.5 S/N:29898.1 Points Across peak:56



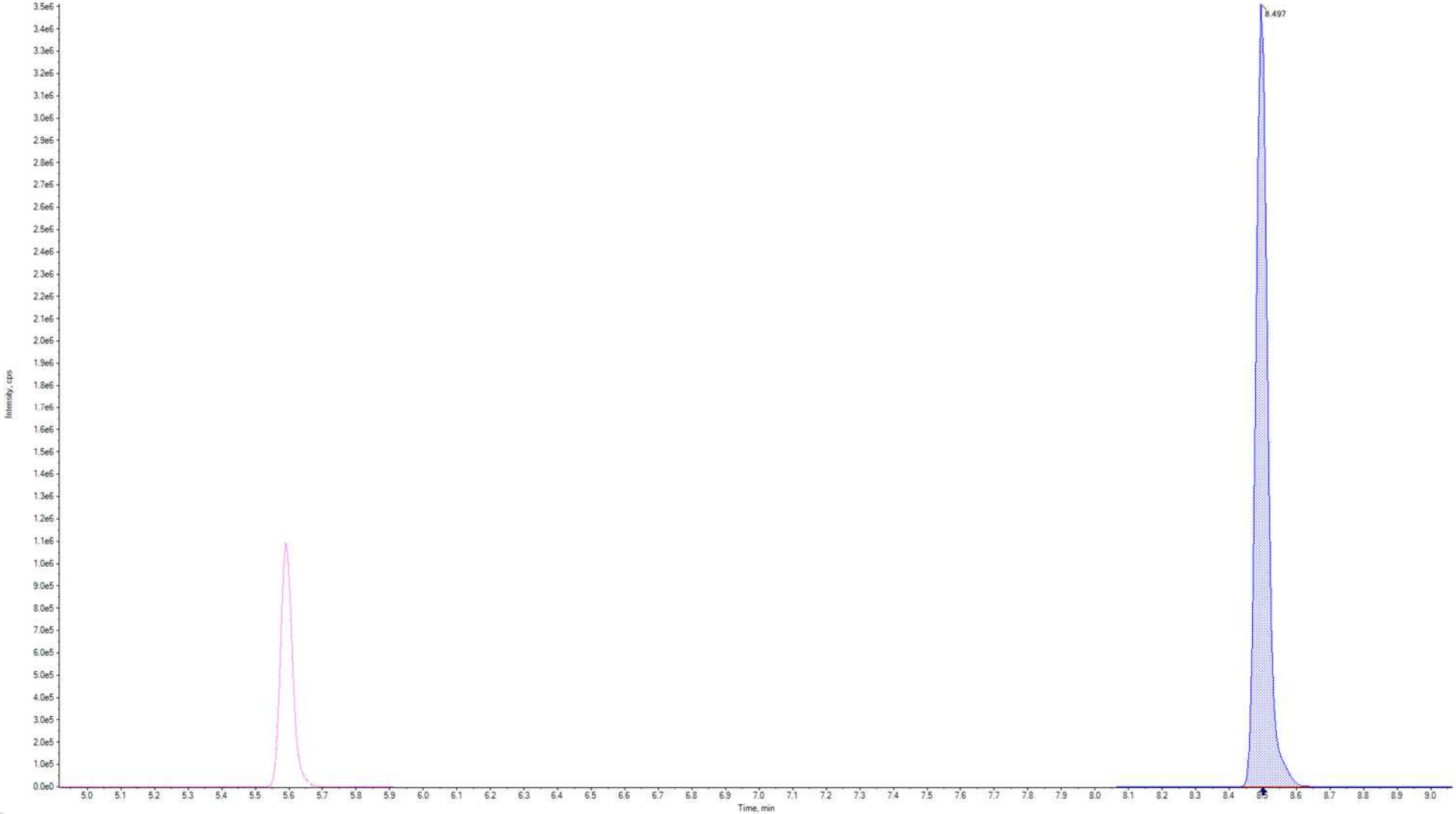
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS
Sample: IA1633STD-12.5 S/N:80344.6 Points Across peak:39



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS_2
Sample: IA1633STD-12.5 S/N:46132.0 Points Across peak:32



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS
Sample: IA1633STD-12.5 S/N:1838741.5 Points Across peak:45



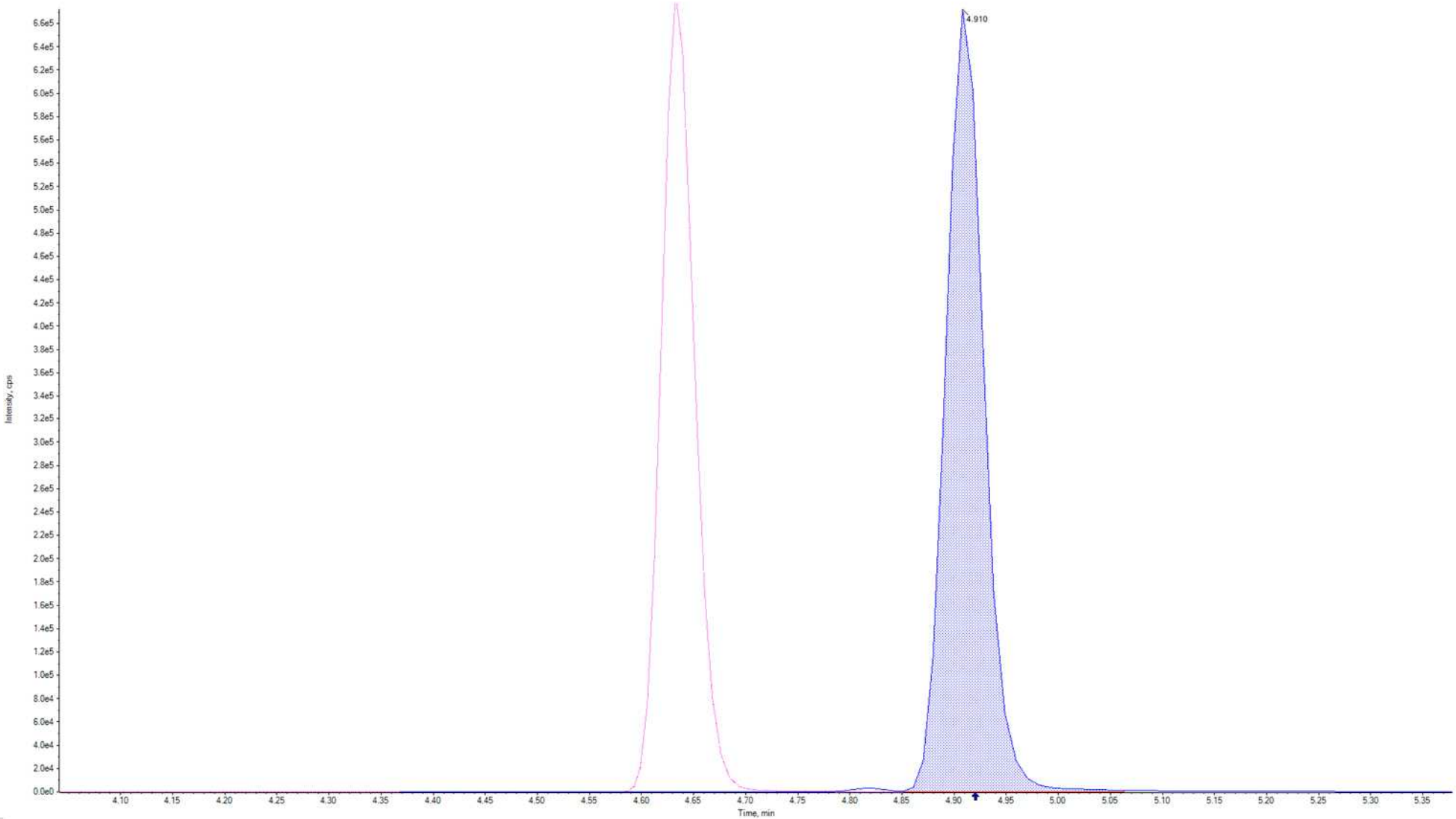
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS_2
Sample: IA1633STD-12.5 S/N:161606.3 Points Across peak:47



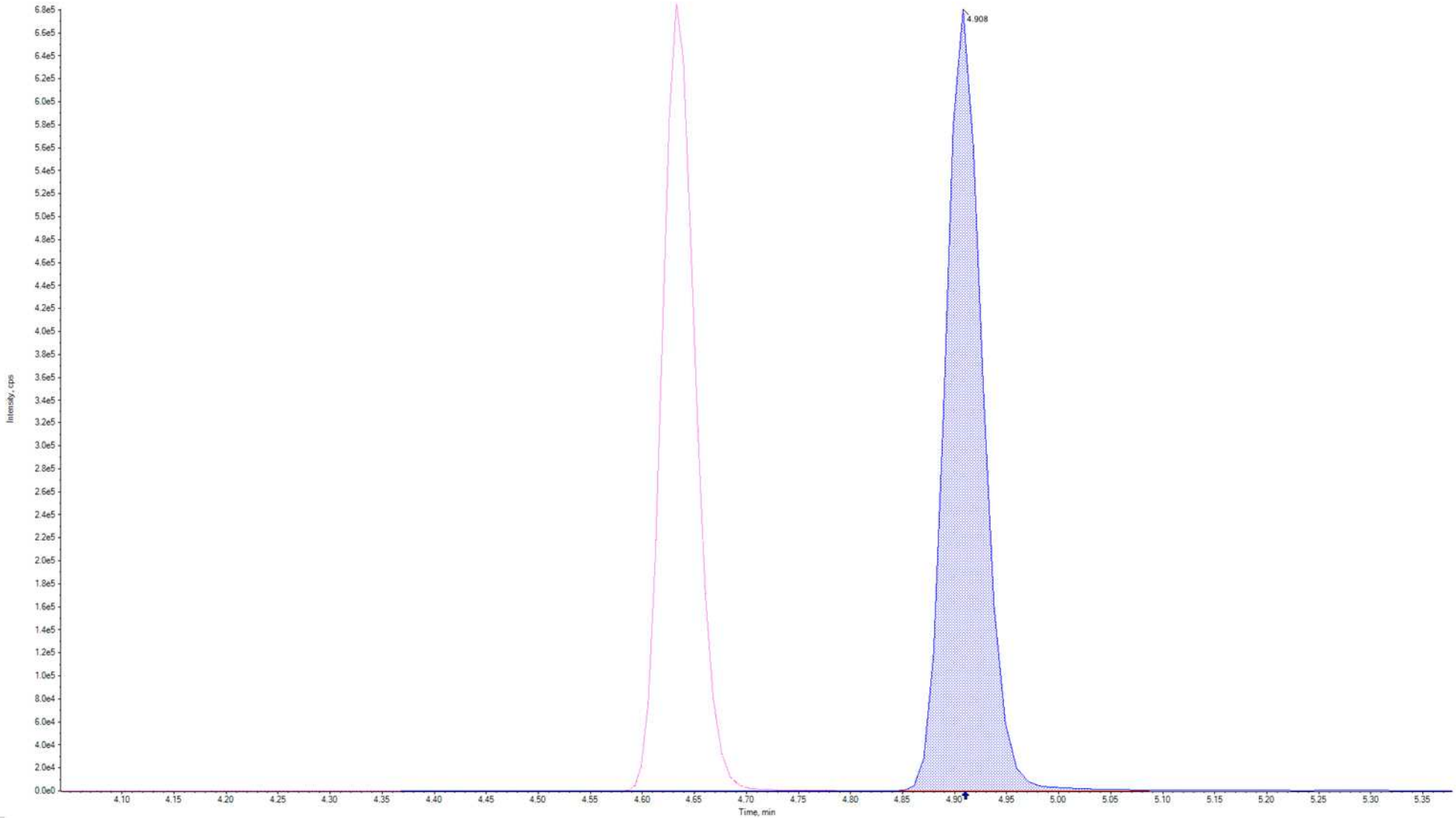
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA
Sample: IA1633STD-12.5 S/N:551294.0 Points Across peak:22



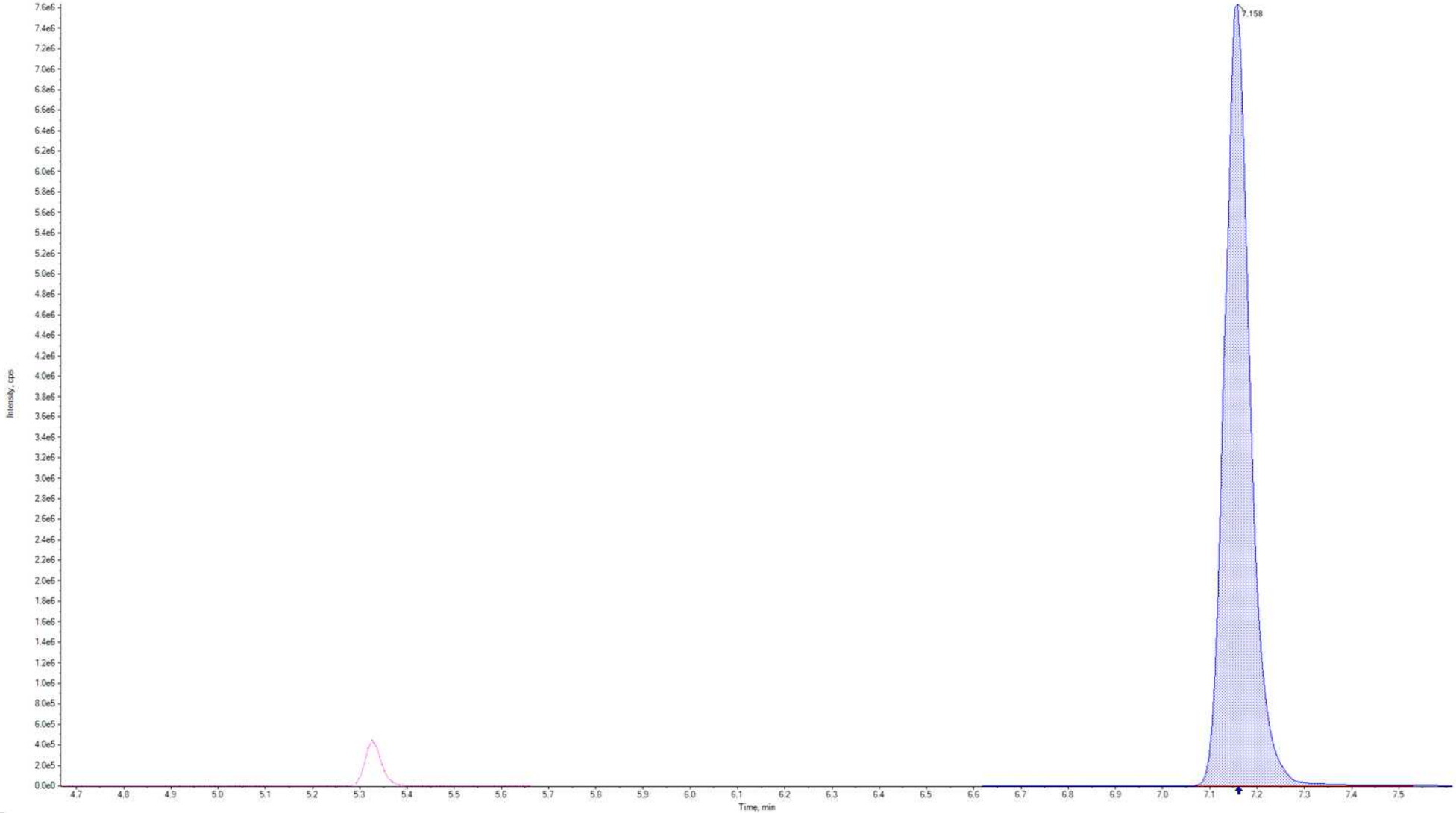
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA_2
Sample: IA1633STD-12.5 S/N:6586.4 Points Across peak:26



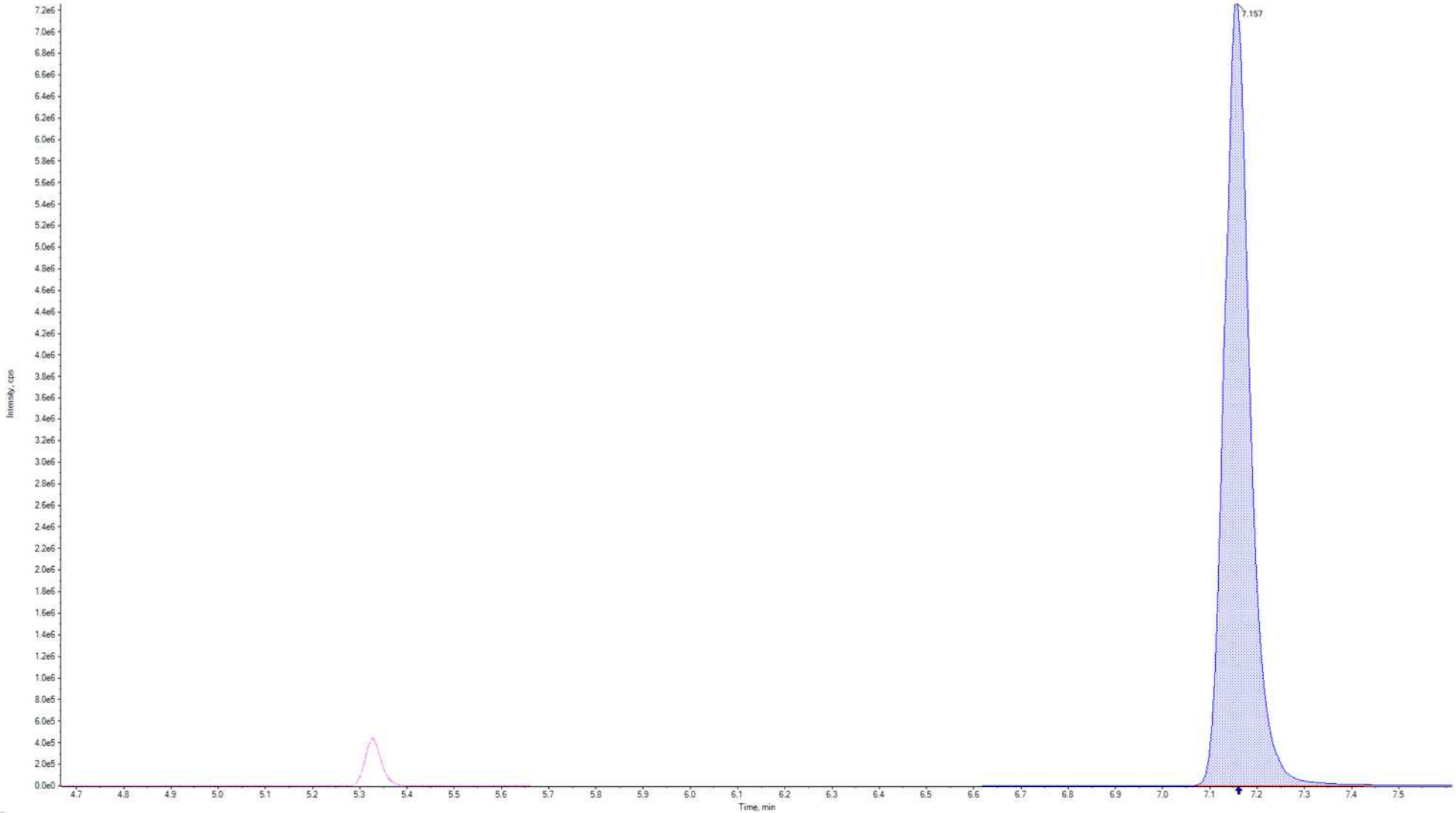
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA
Sample: IA1633STD-12.5 S/N:26556.5 Points Across peak:82



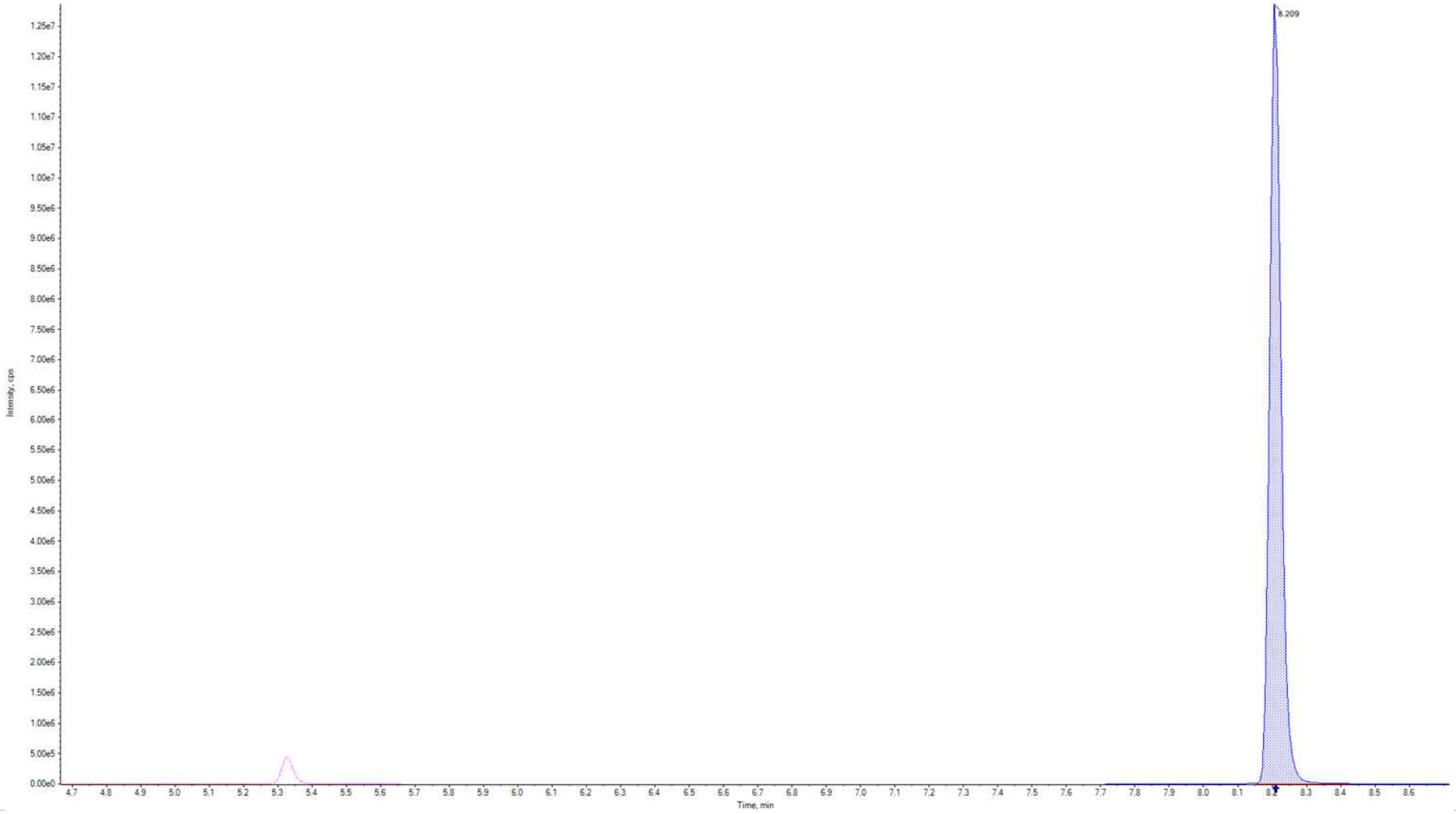
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA_2
Sample: IA1633STD-12.5 S/N:24130.2 Points Across peak:90



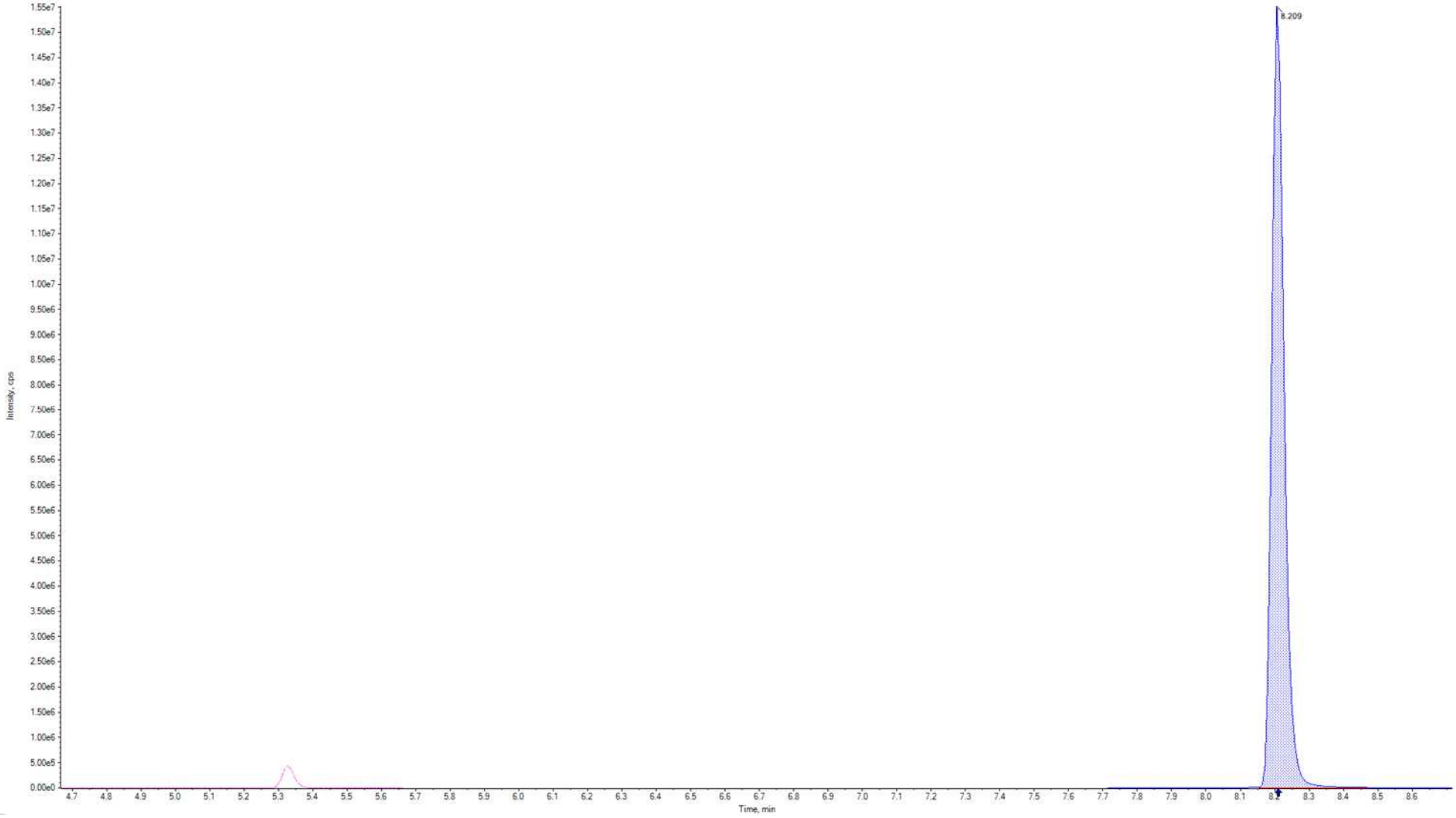
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA
Sample: IA1633STD-12.5 S/N:24002.1 Points Across peak:38



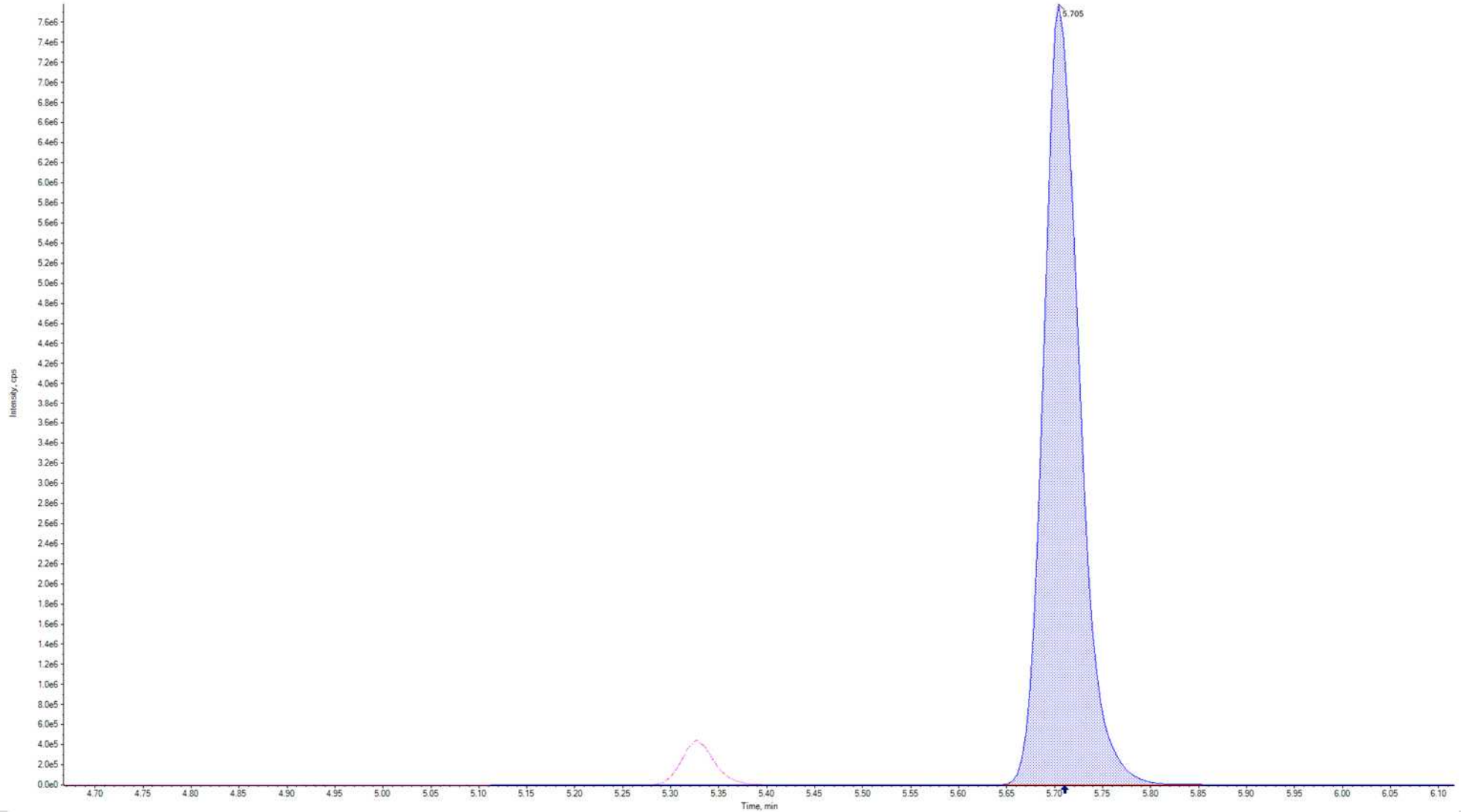
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA_2
Sample: IA1633STD-12.5 S/N:30062.3 Points Across peak:40



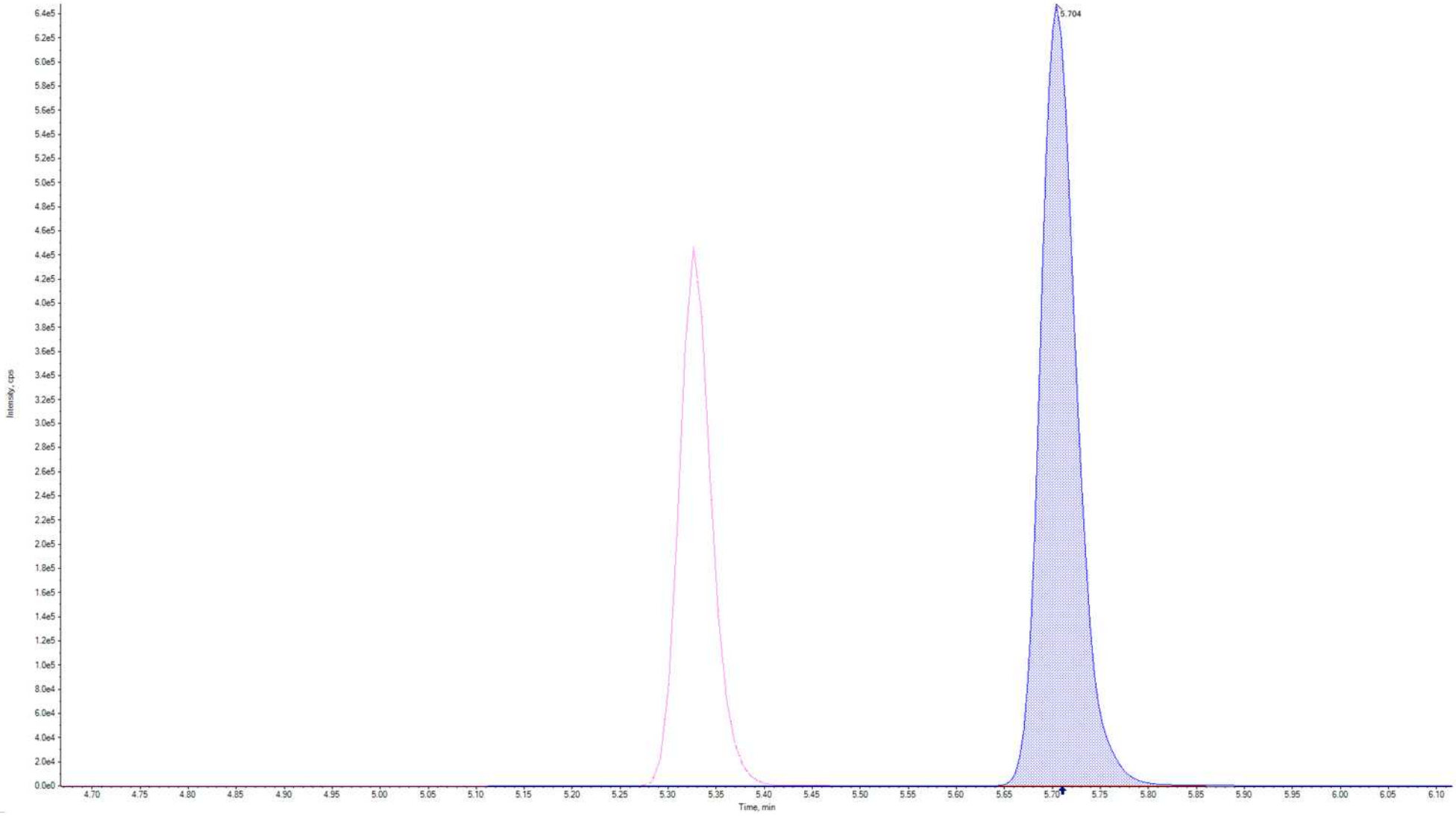
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA
Sample: IA1633STD-12.5 S/N:34835.1 Points Across peak:64



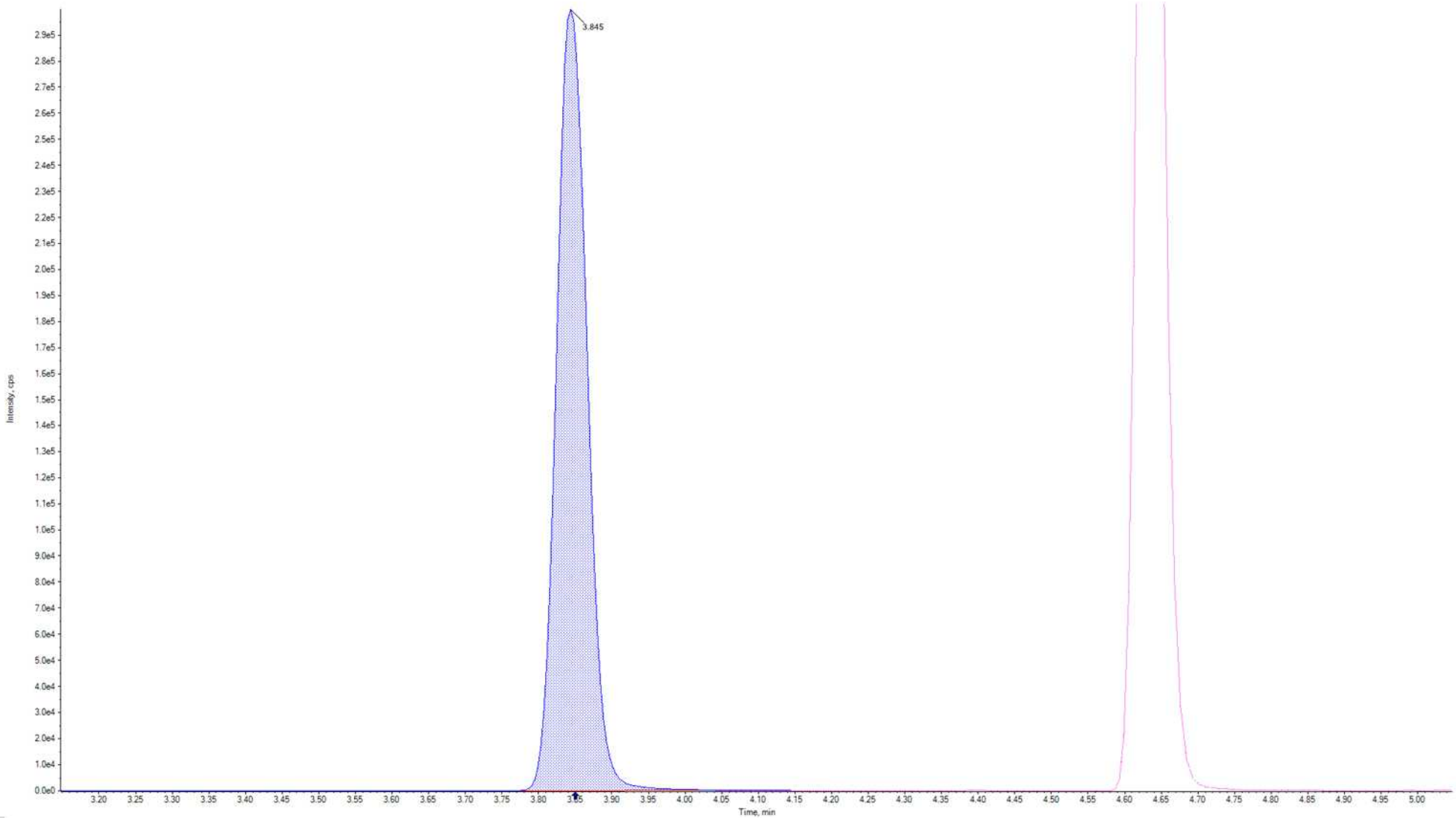
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA_2
Sample: IA1633STD-12.5 S/N:13515.2 Points Across peak:49



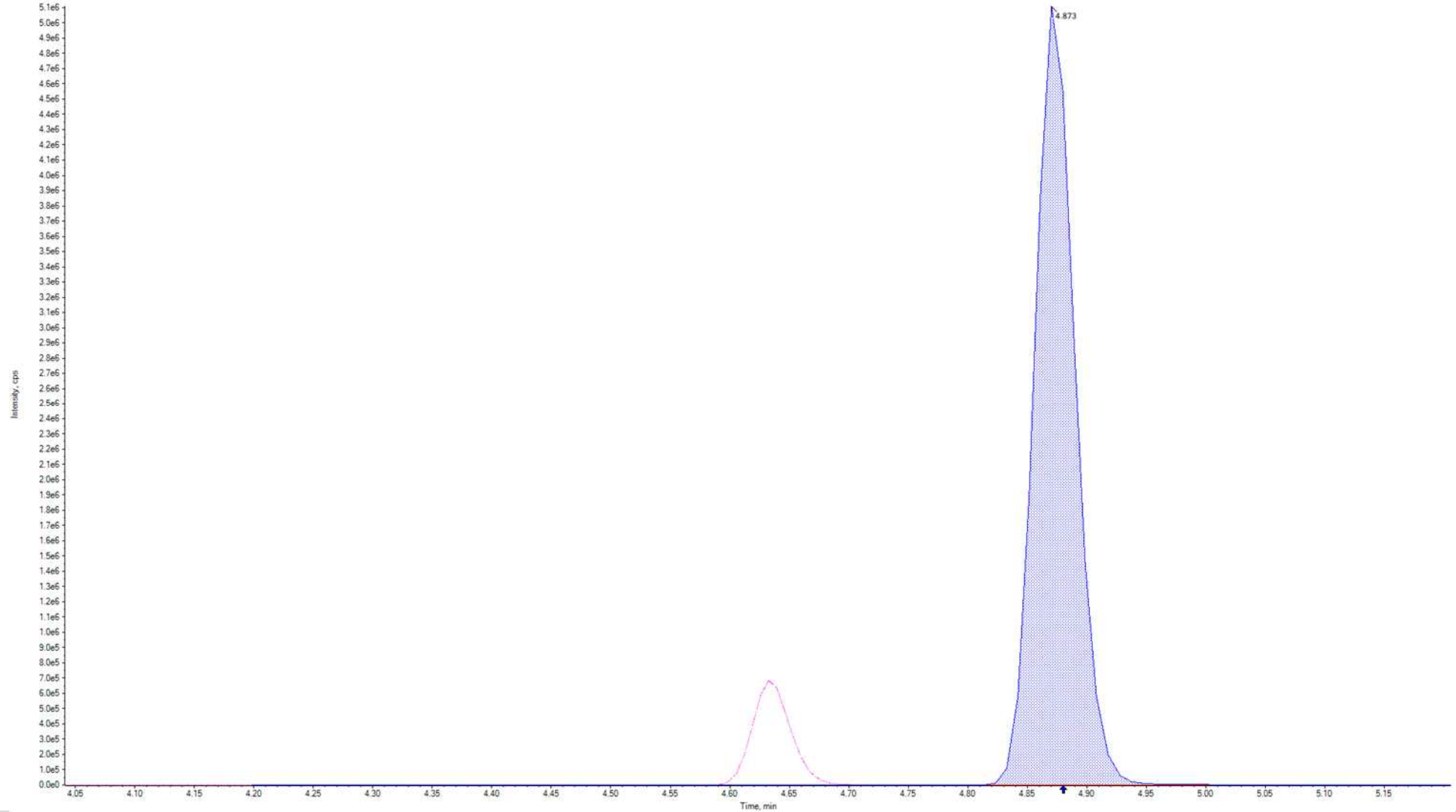
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFMPA
Sample: IA1633STD-12.5 S/N:6360.8 Points Across peak:68



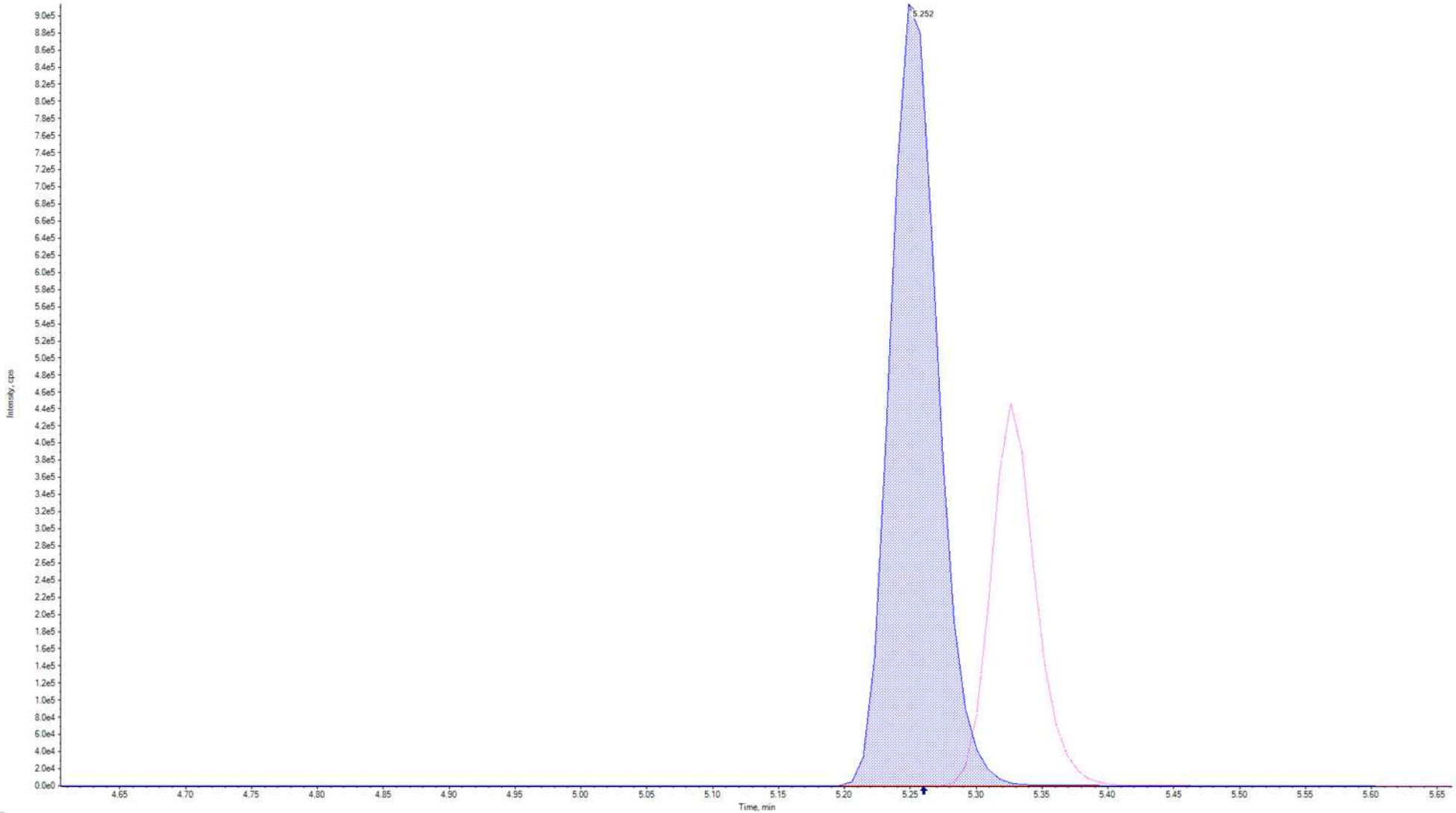
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFMBA
Sample: IA1633STD-12.5 S/N:17509.4 Points Across peak:41



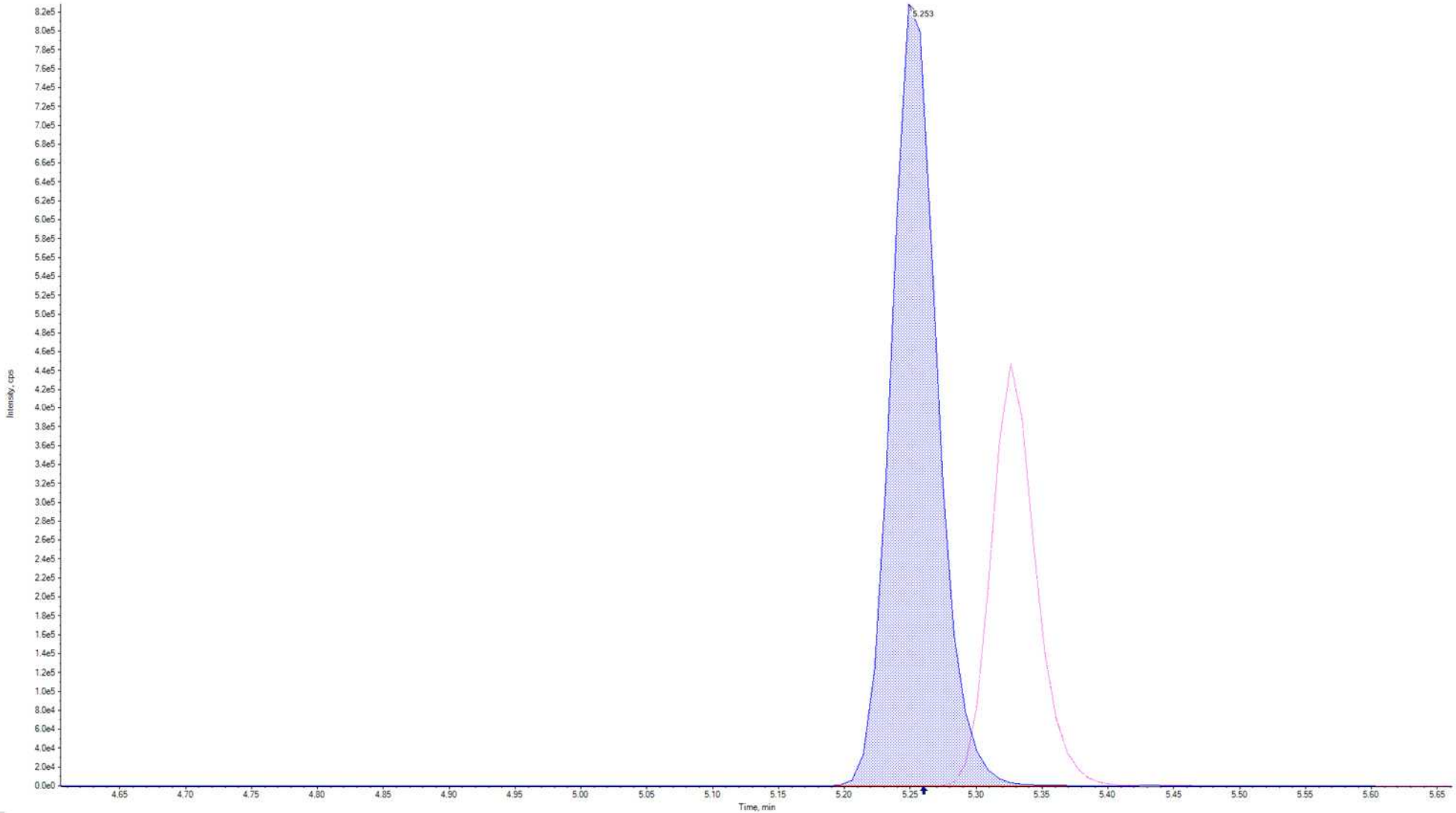
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA
Sample: IA1633STD-12.5 S/N:5012.3 Points Across peak:29



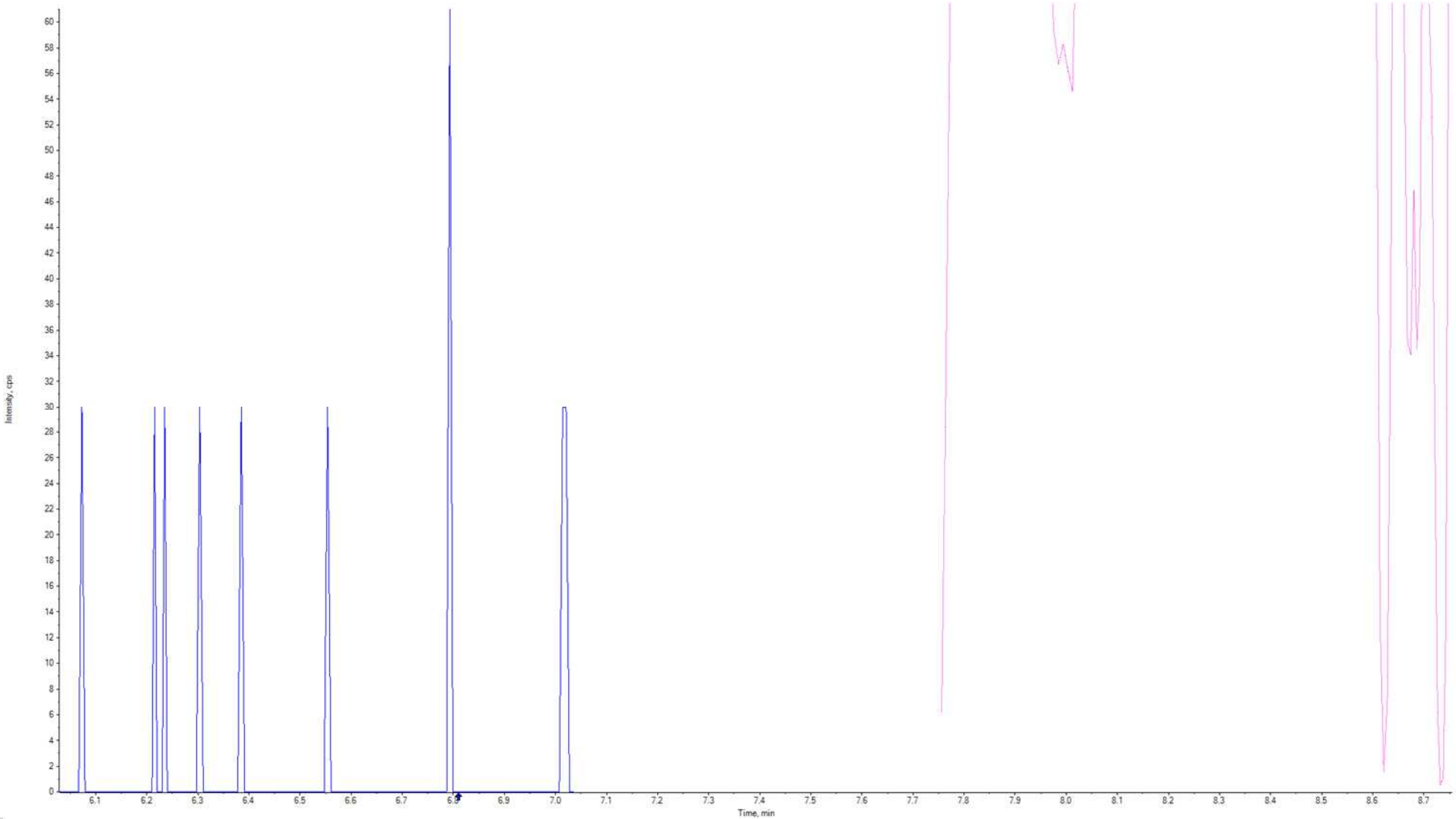
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA_2
Sample: IA1633STD-12.5 S/N:6278.9 Points Across peak:29



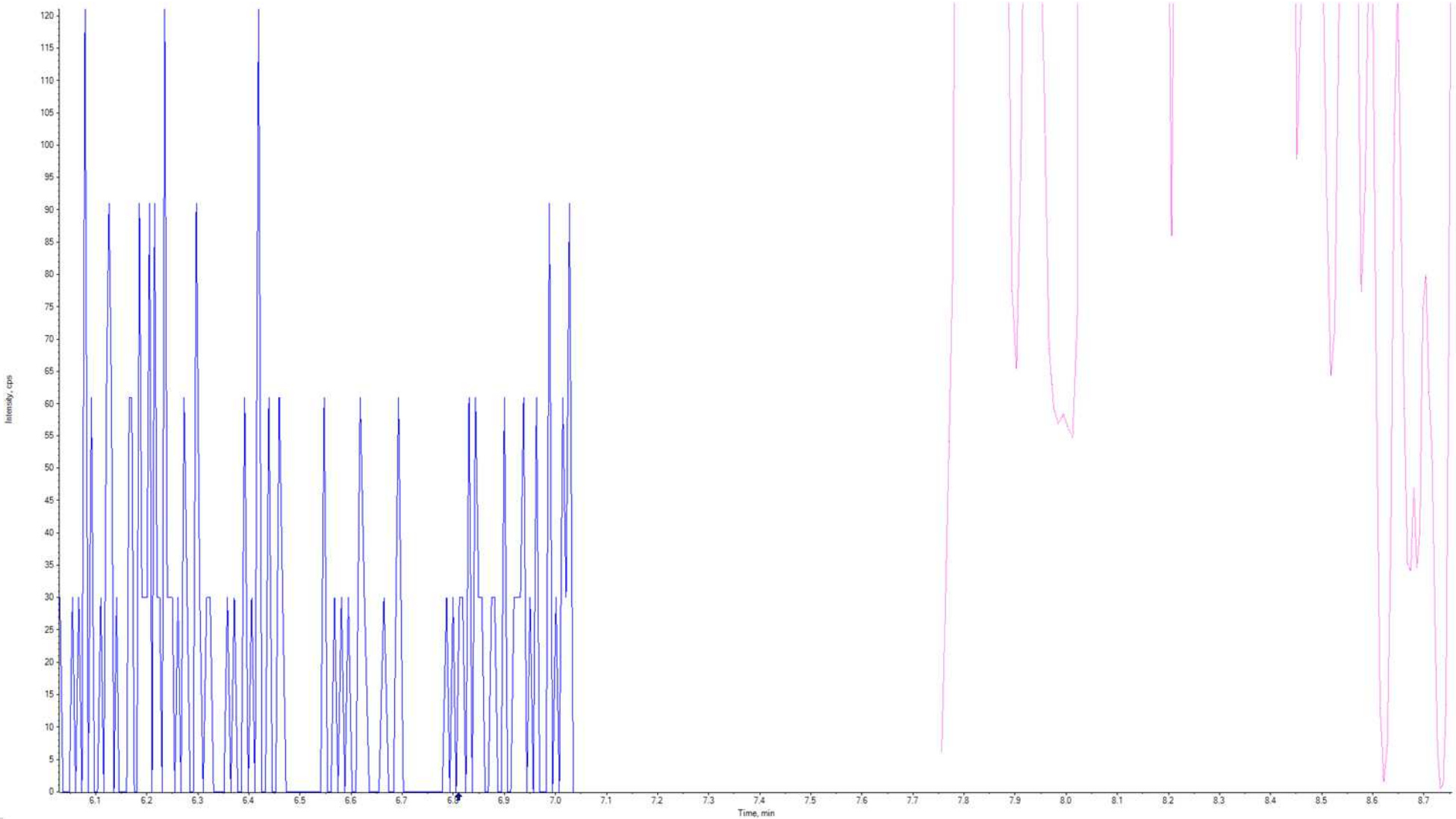
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

TDCA
Sample: IA1633STD-12.5 S/N:N/A Points Across peak:N/A



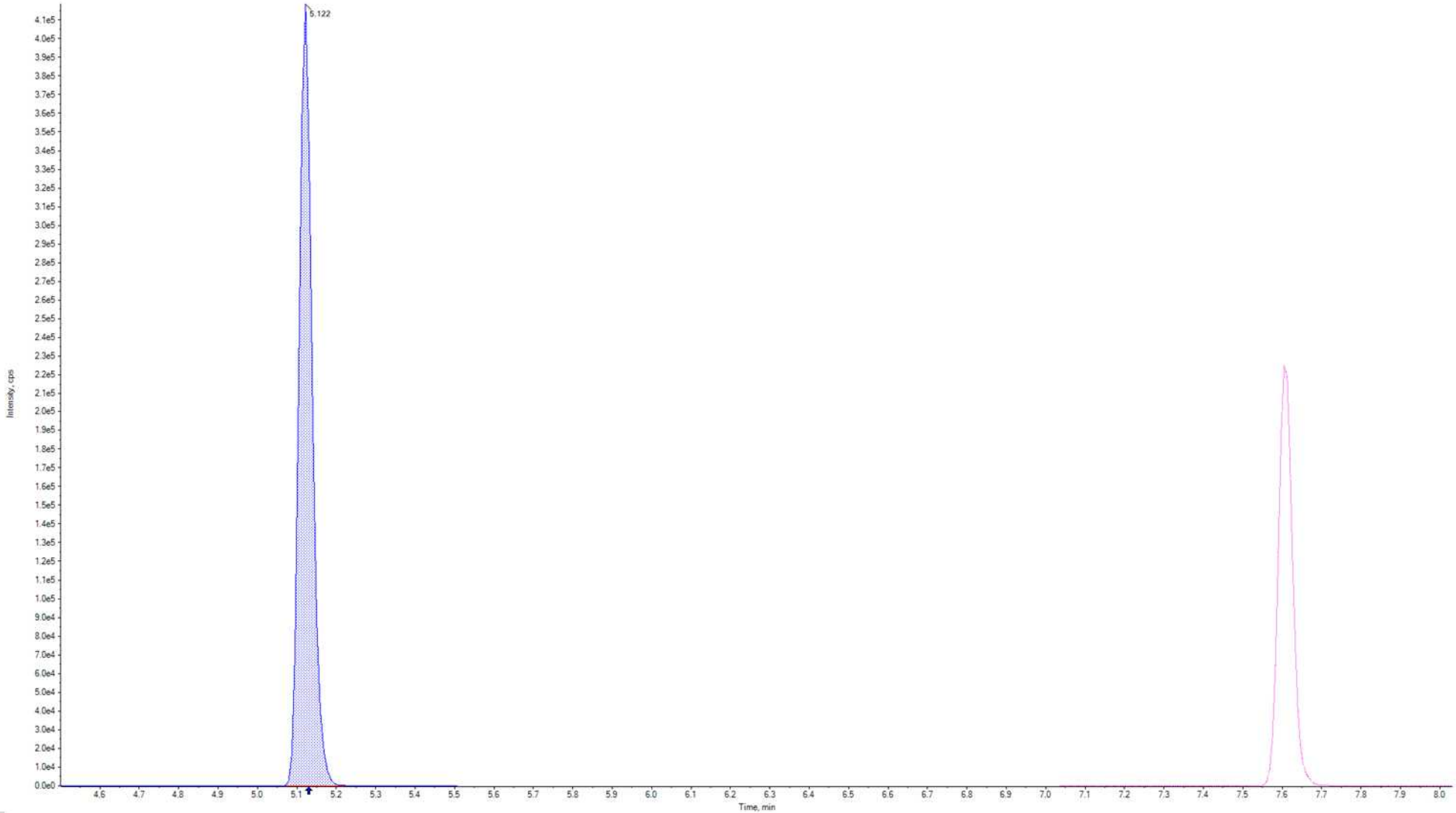
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

TDCA_2
Sample: IA1633STD-12.5 S/N:N/A Points Across peak:N/A



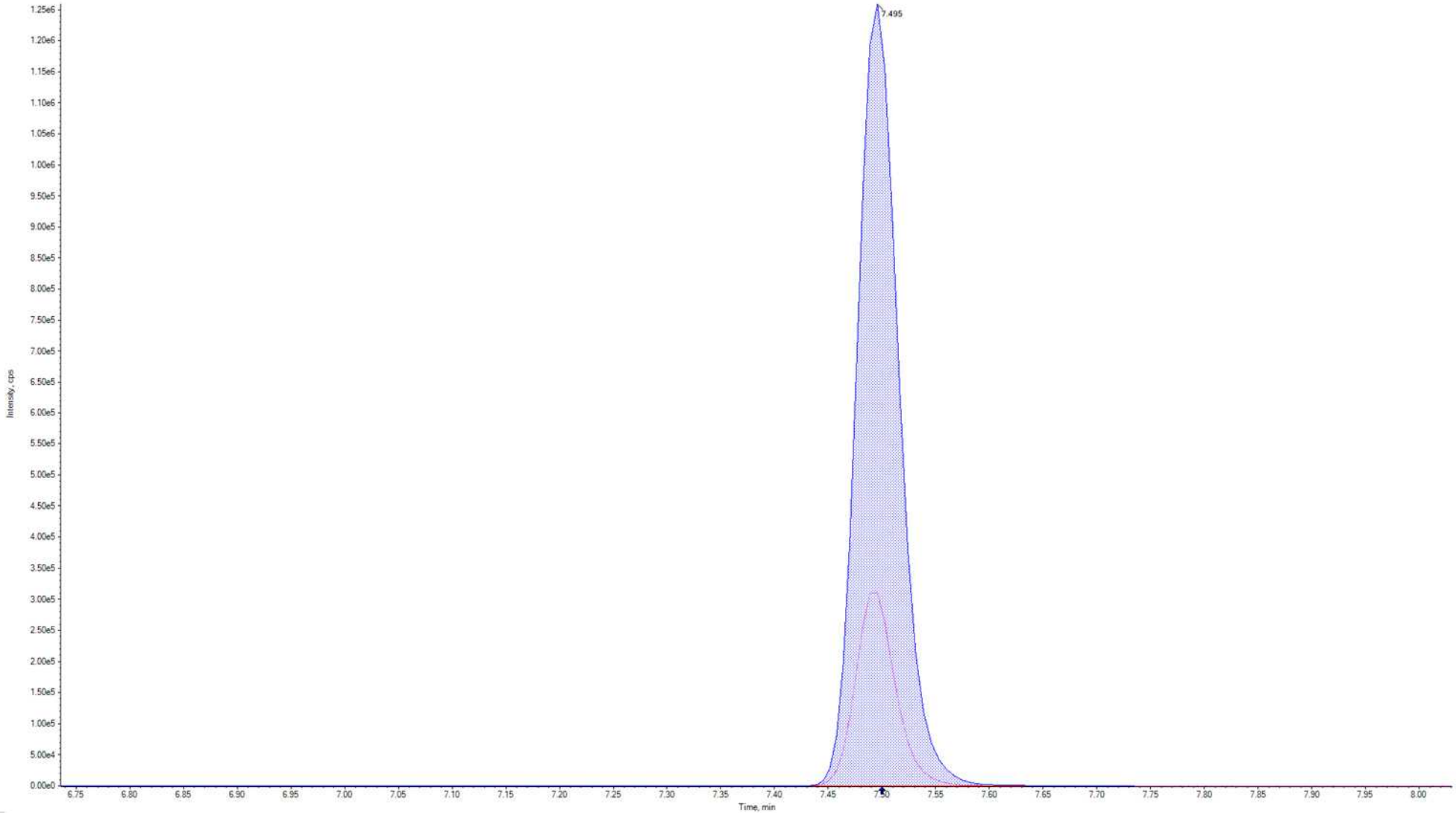
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

13C2D4-4:2FTS
Sample: IA1633STD-12.5 S/N:1841.8 Points Across peak:27

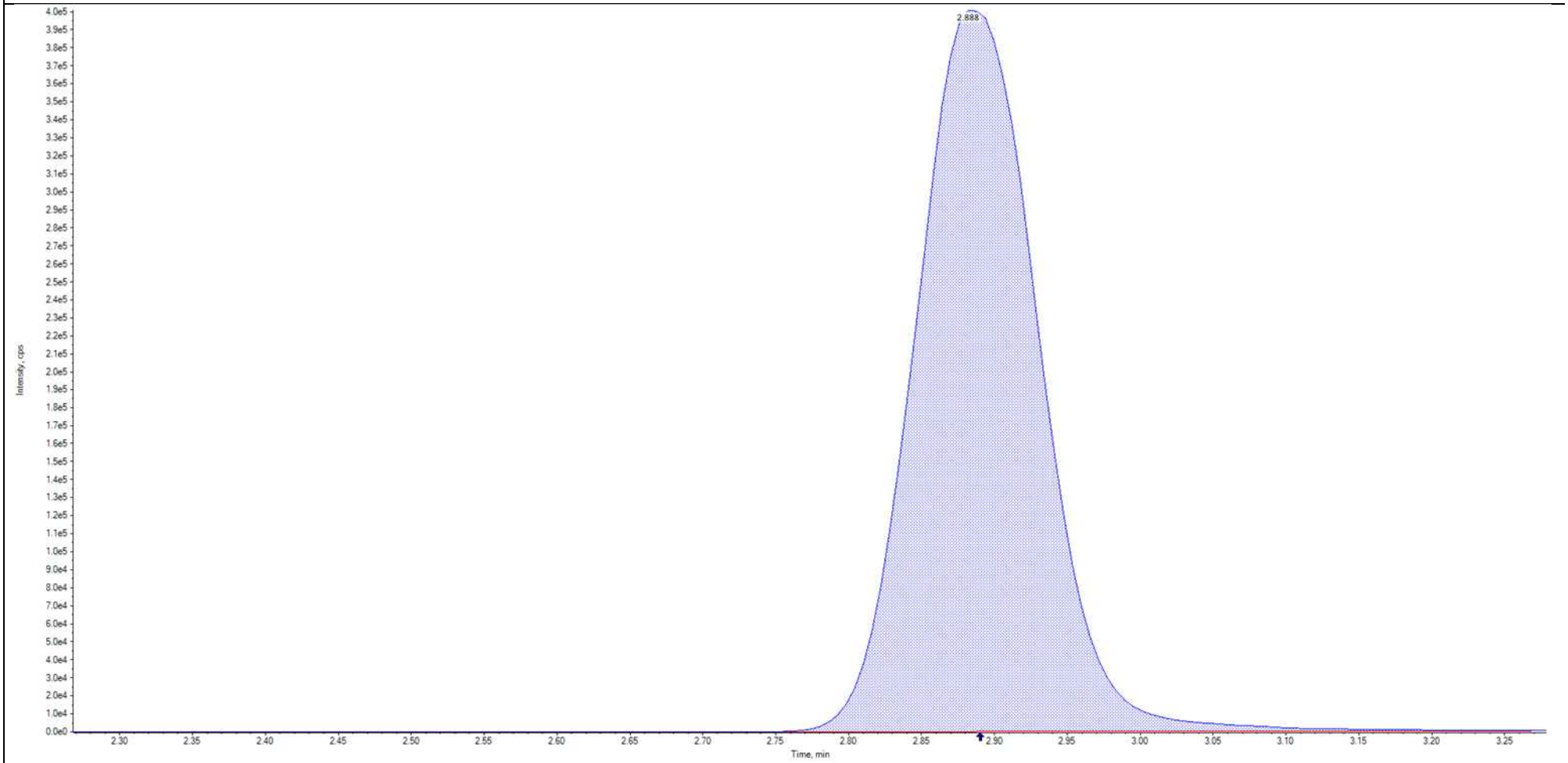


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

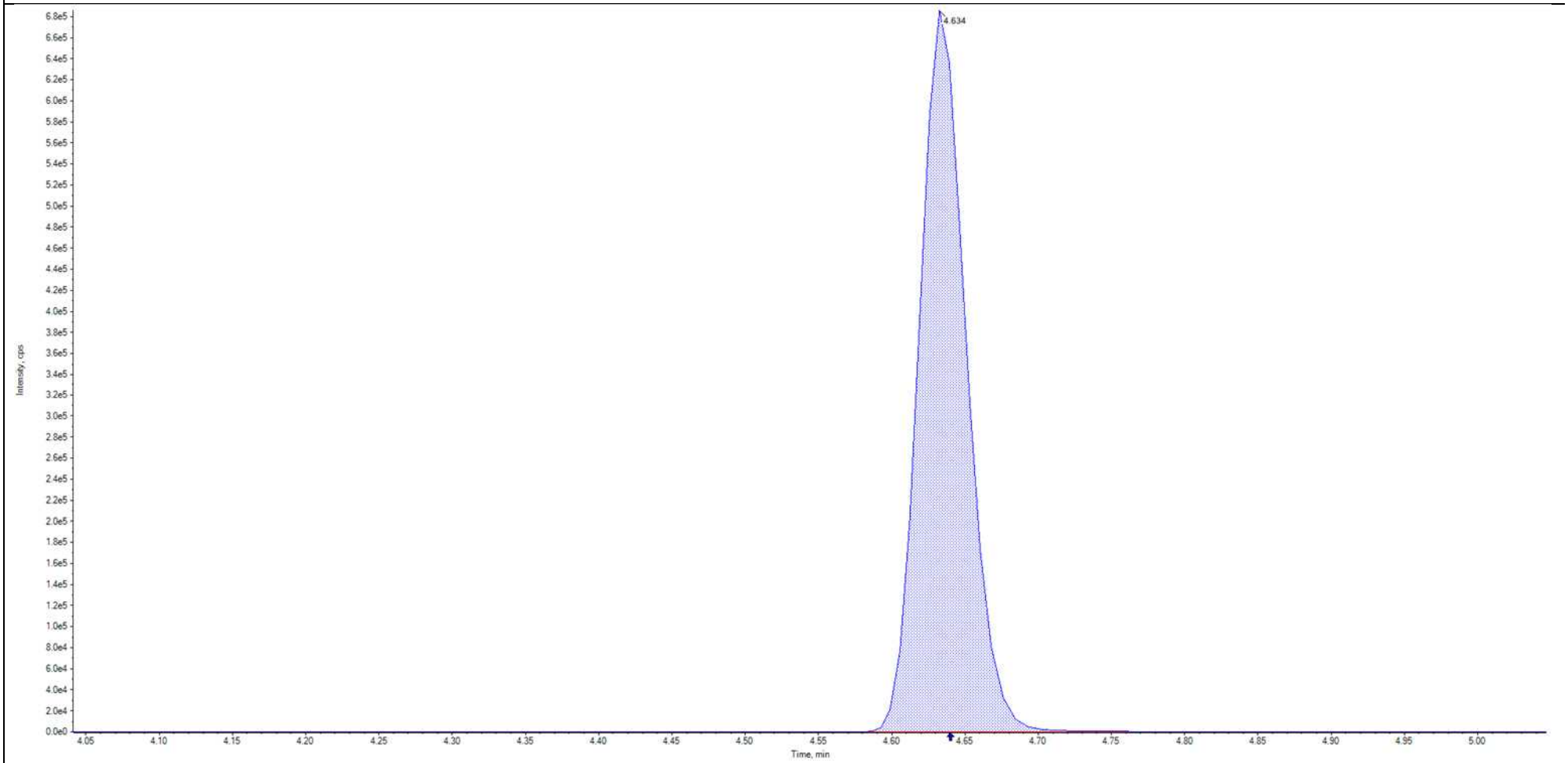
13C2-PFOA
Sample: IA1633STD-12.5 S/N:7632.4 Points Across peak:38



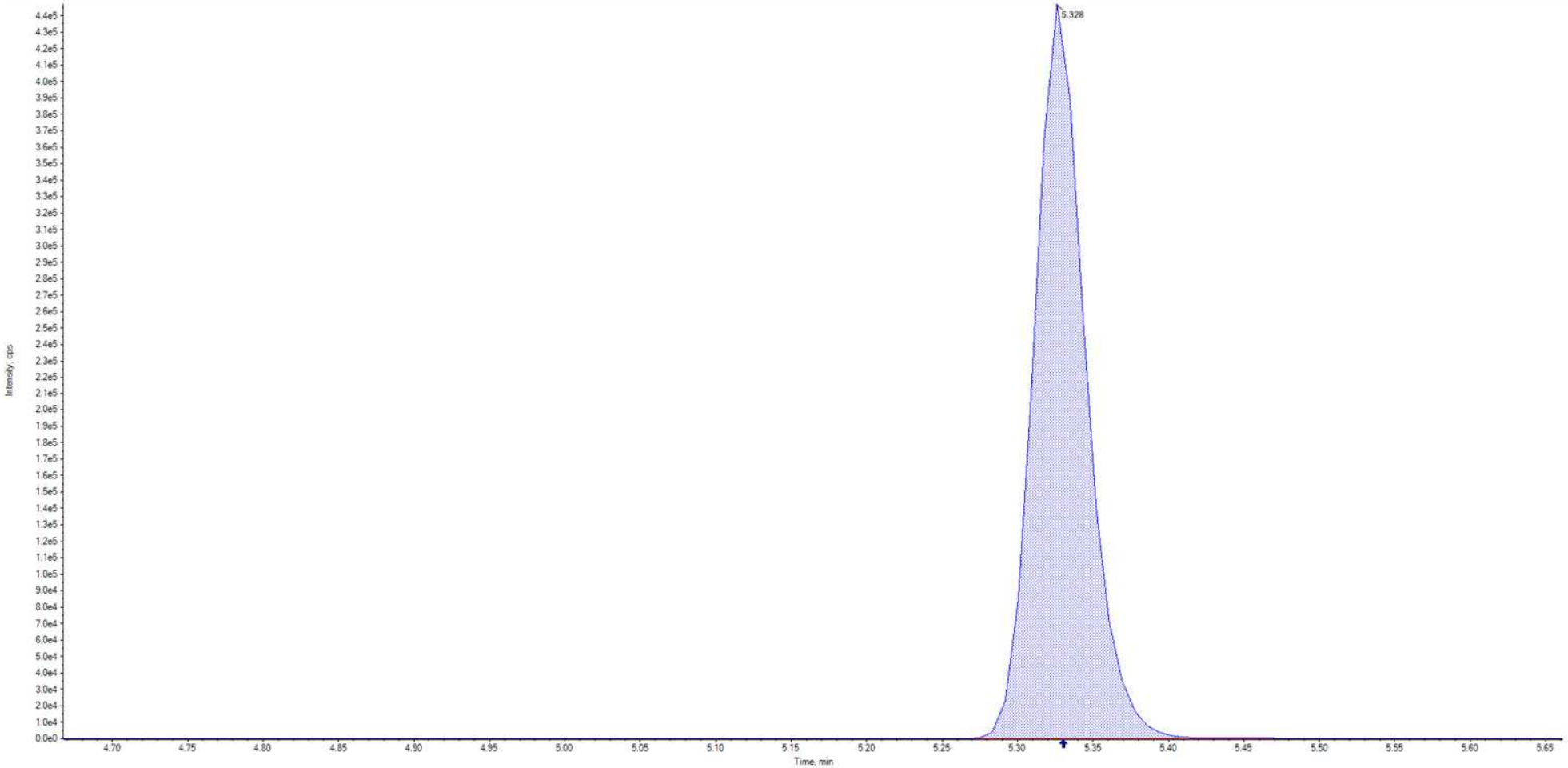
13C4-PFBA
Sample: IA1633STD-12.5



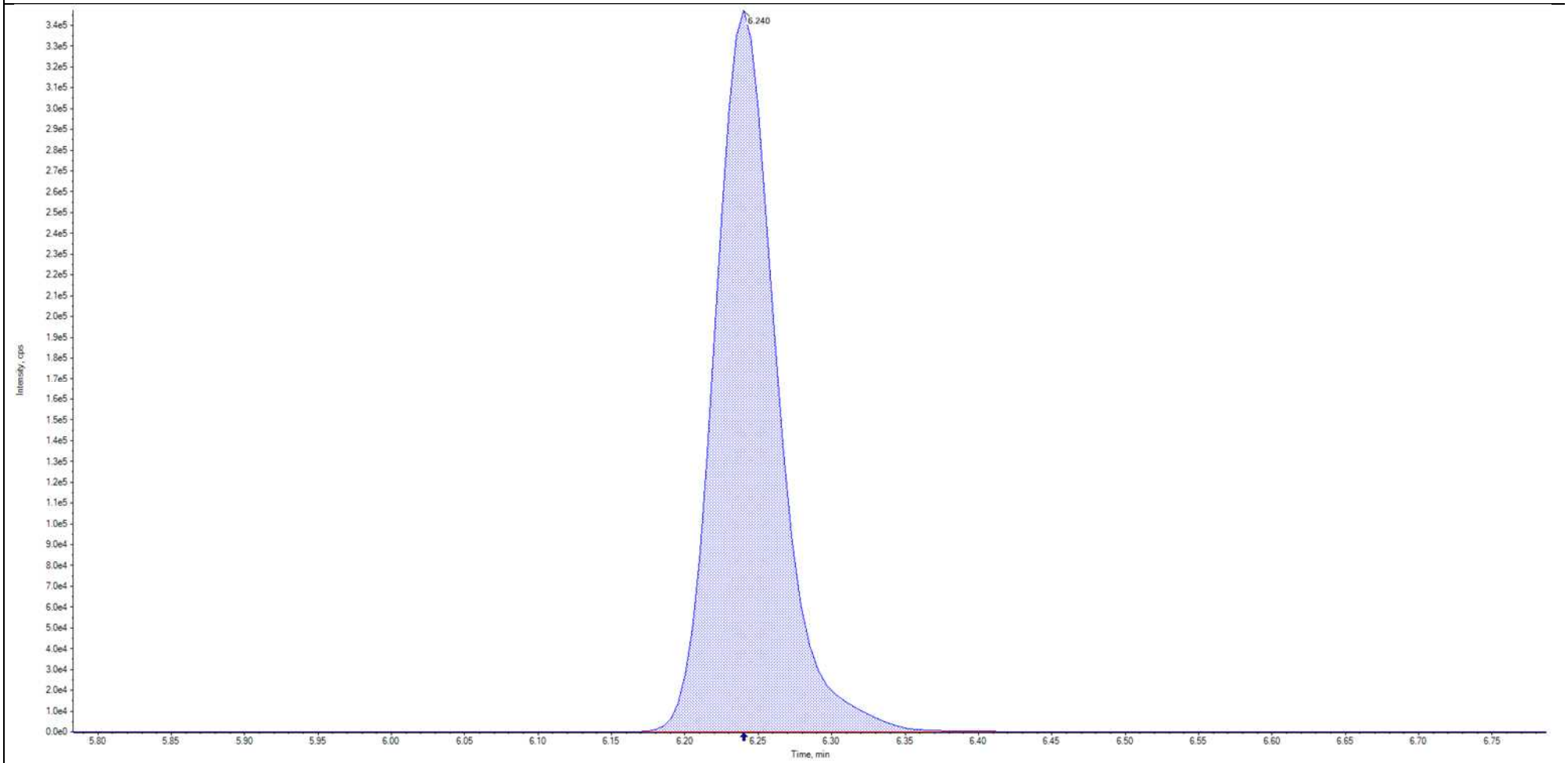
13C5-PFPeA
Sample: IA1633STD-12.5



13C5-PFHxA
Sample: IA1633STD-12.5

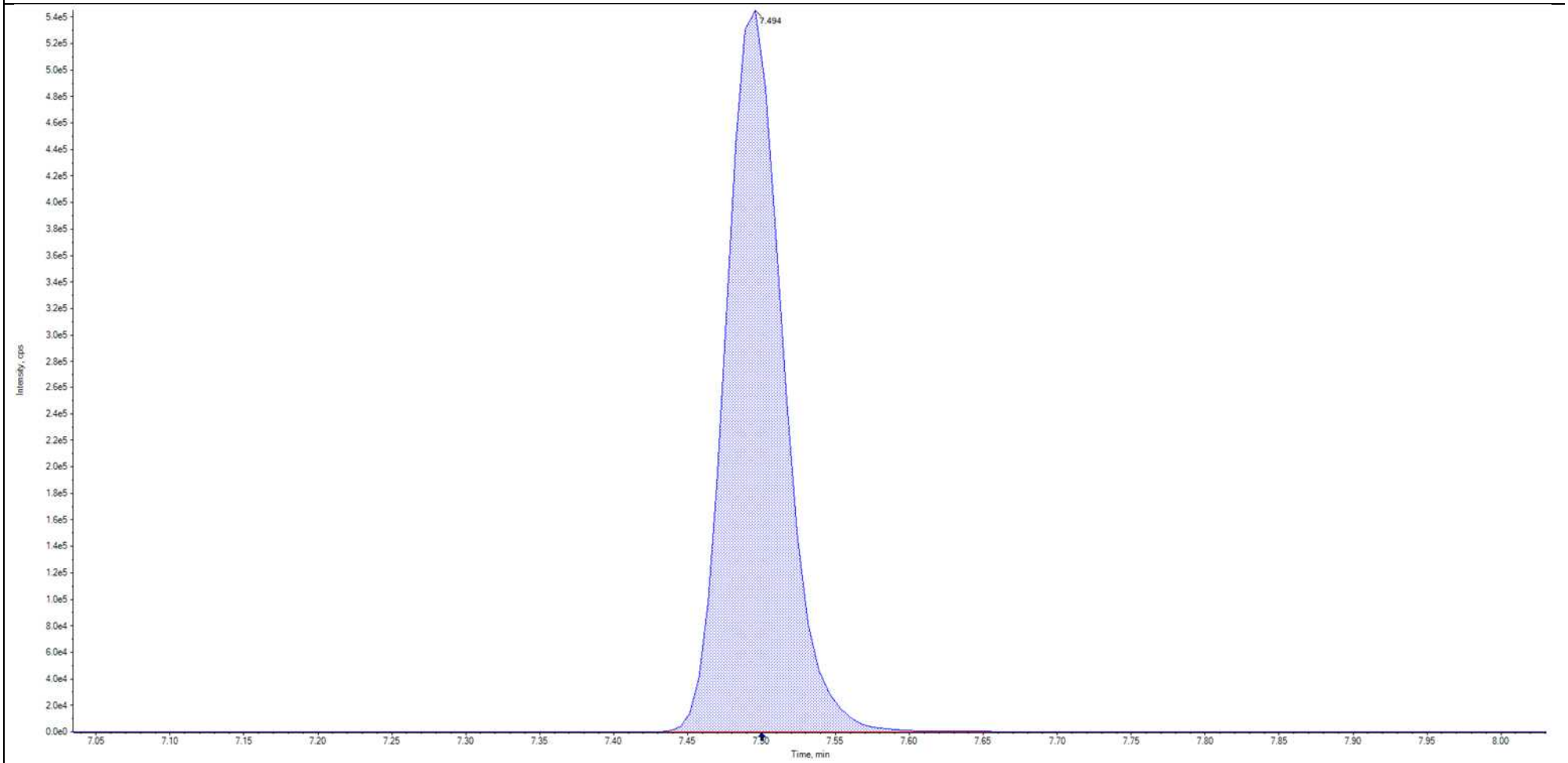


13C4-PFHpA
Sample: IA1633STD-12.5

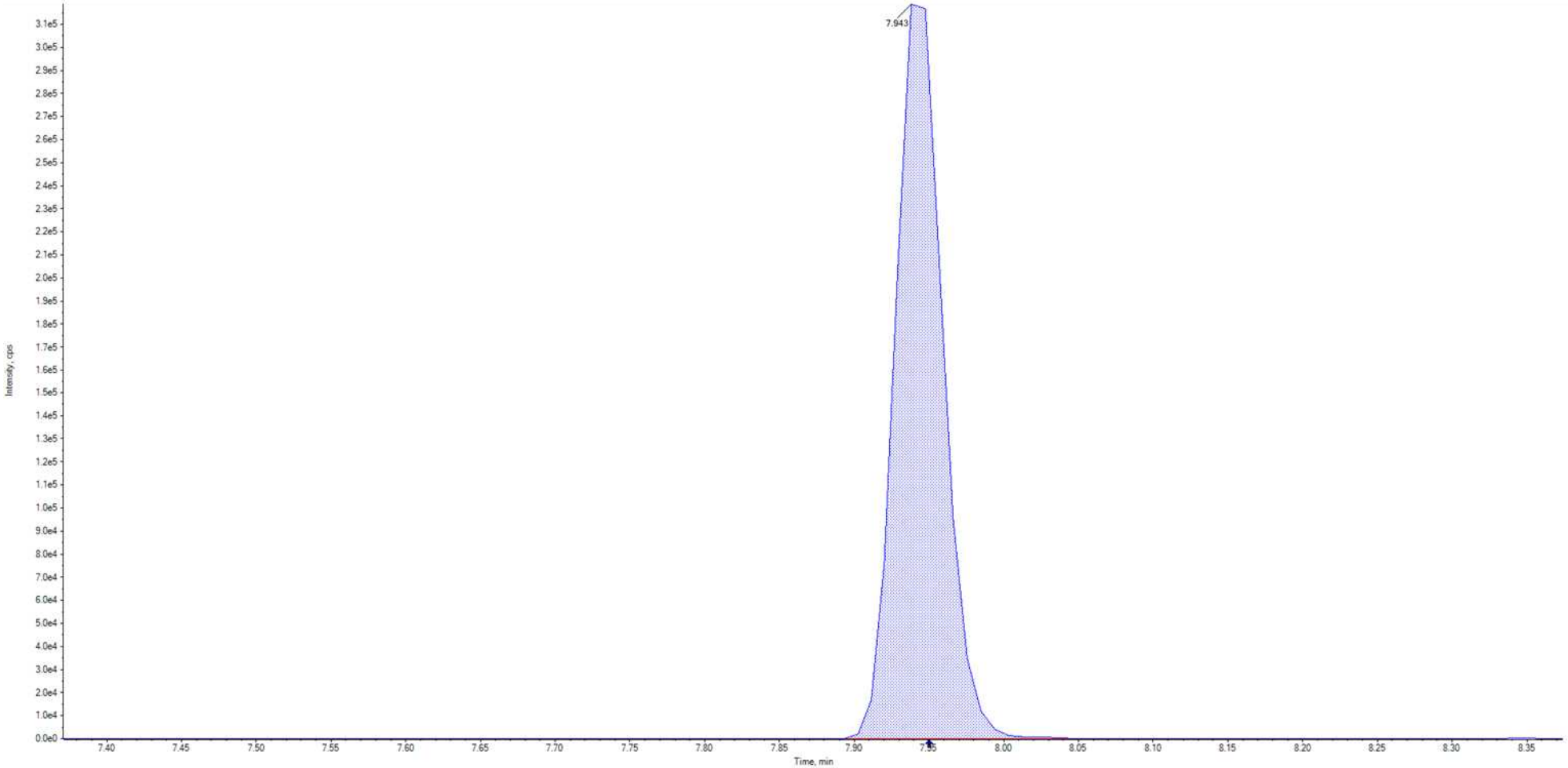


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

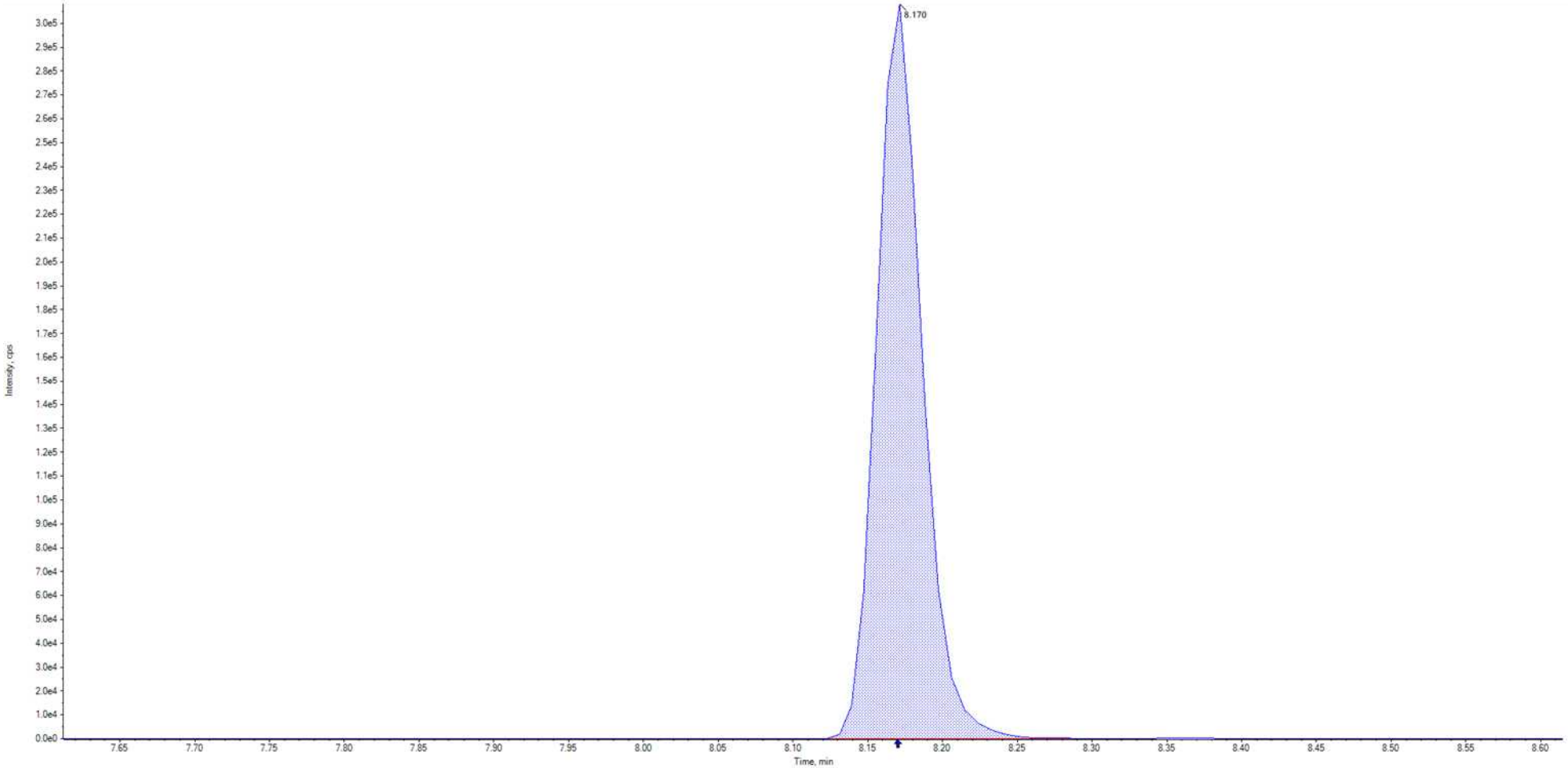
13C8-PFOA
Sample: IA1633STD-12.5



13C9-PFNA
Sample: IA1633STD-12.5

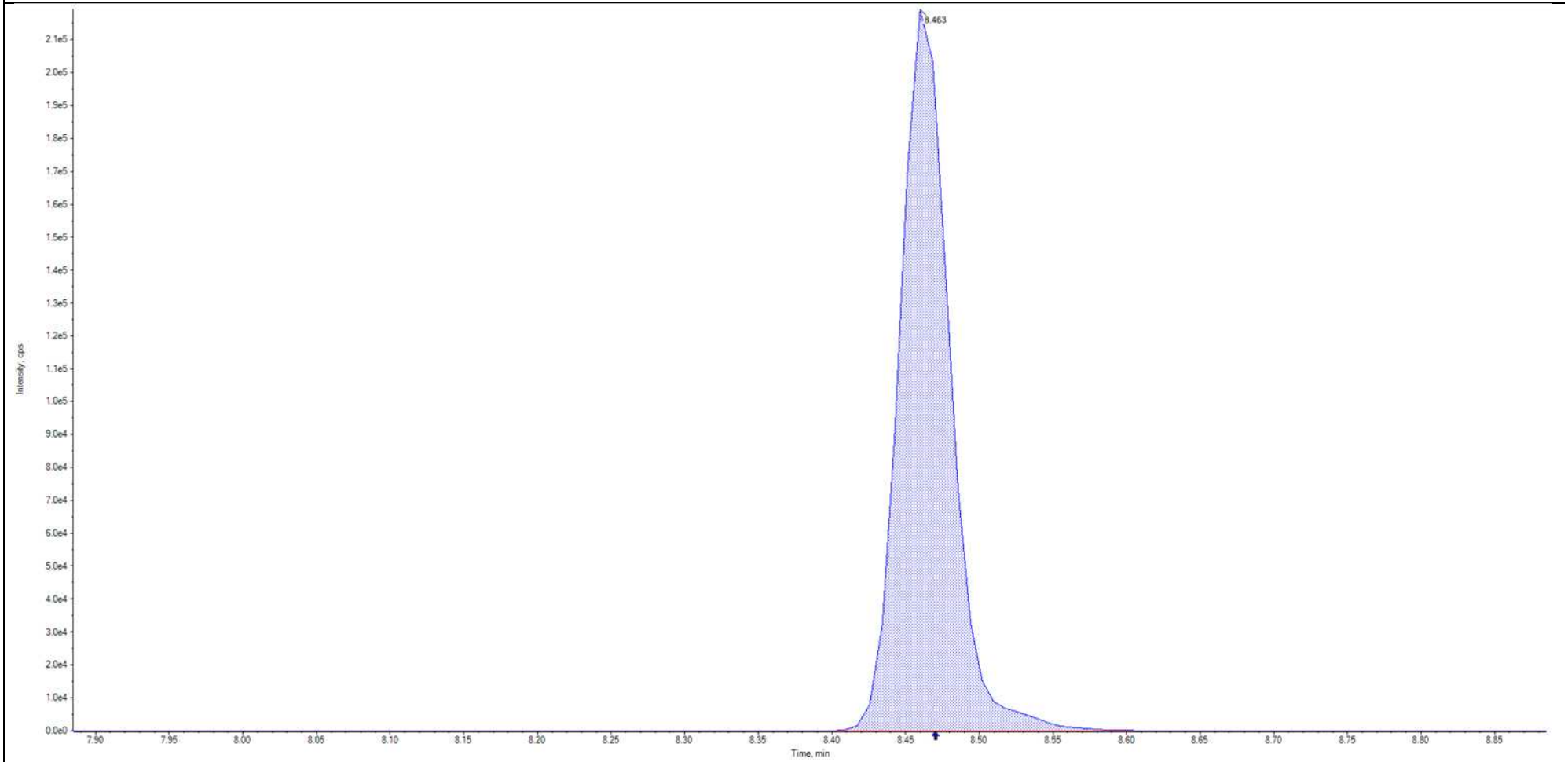


13C6-PFDA
Sample: IA1633STD-12.5

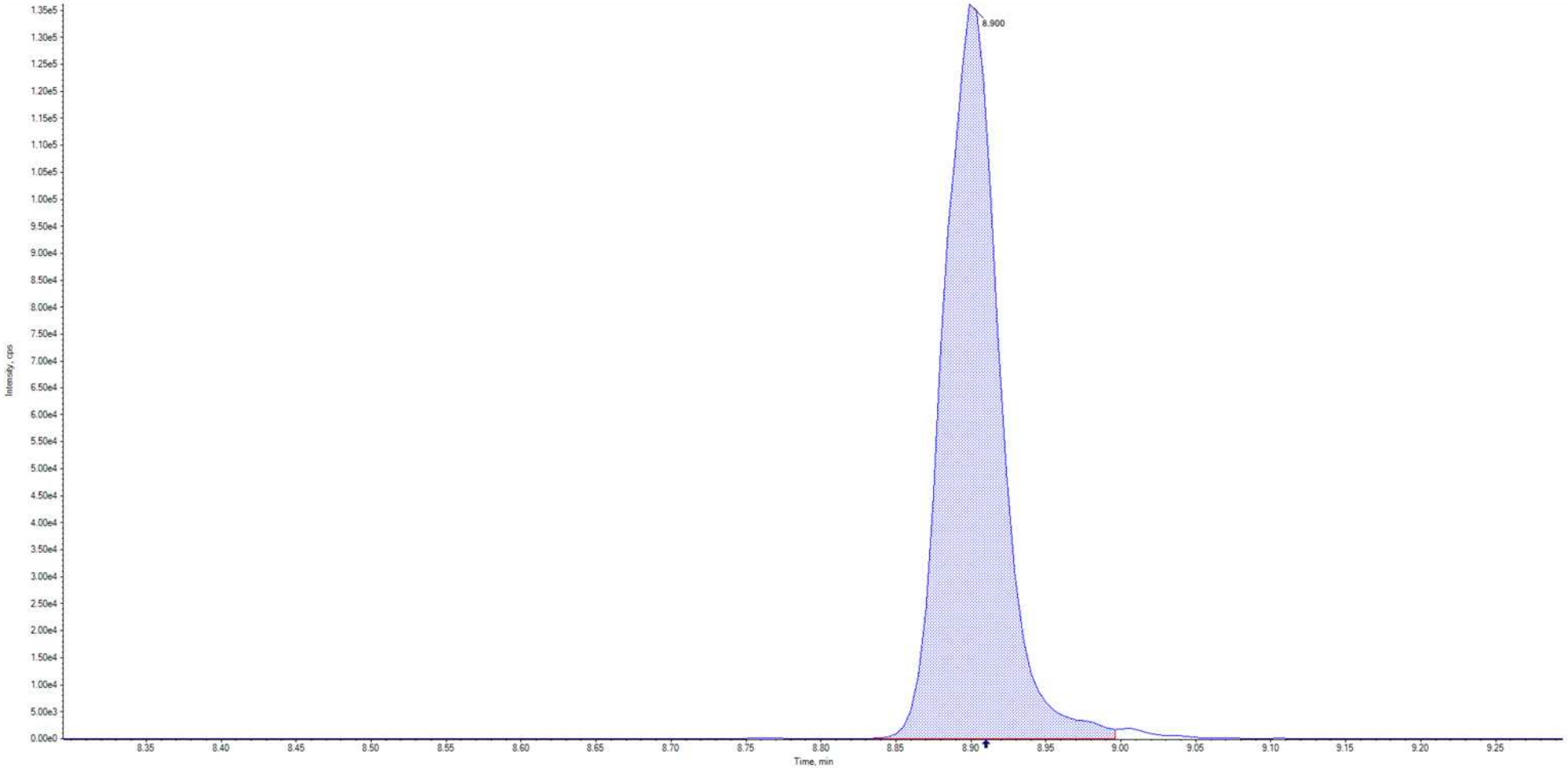


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

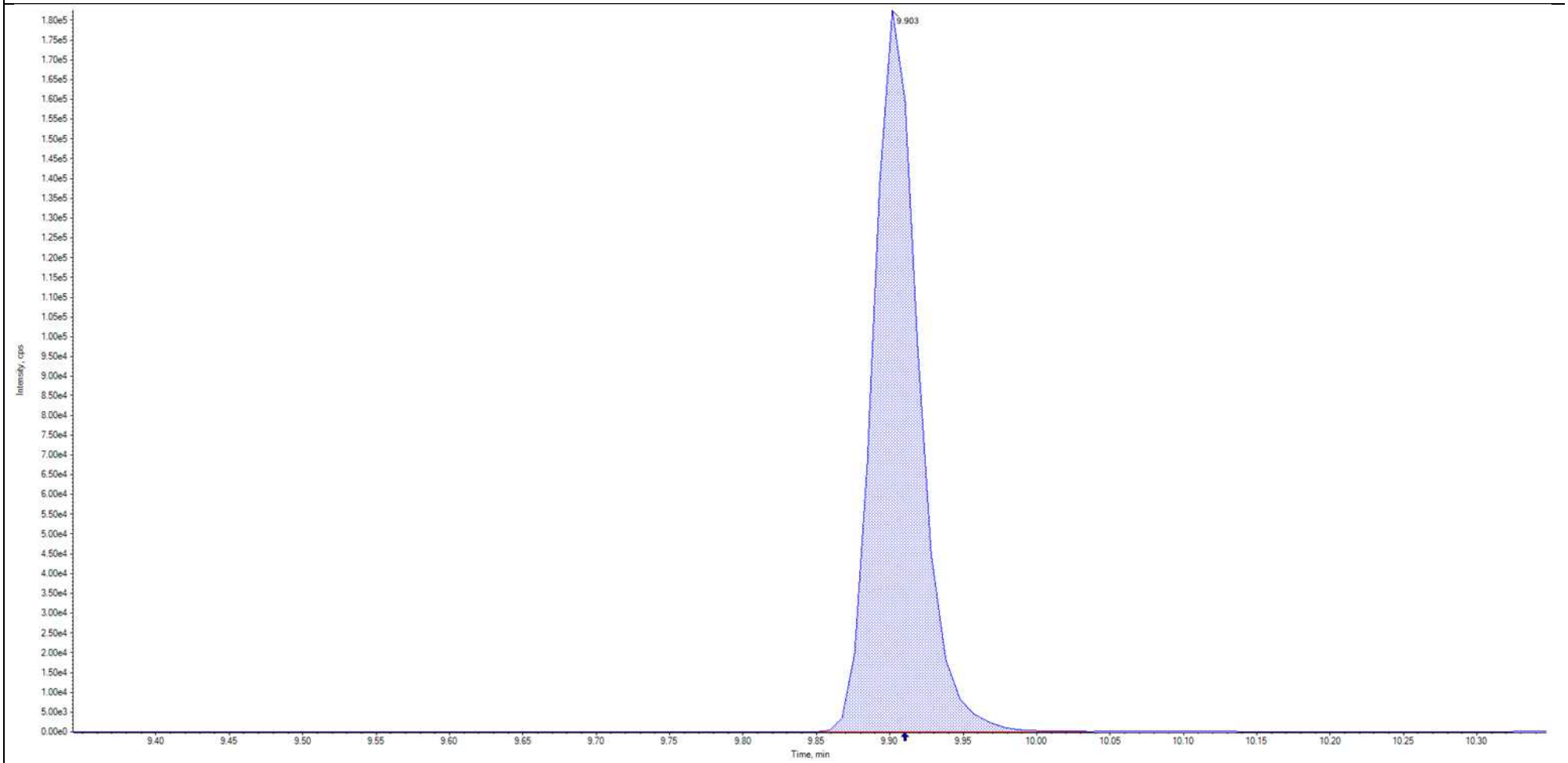
13C7-PFUnA
Sample: IA1633STD-12.5



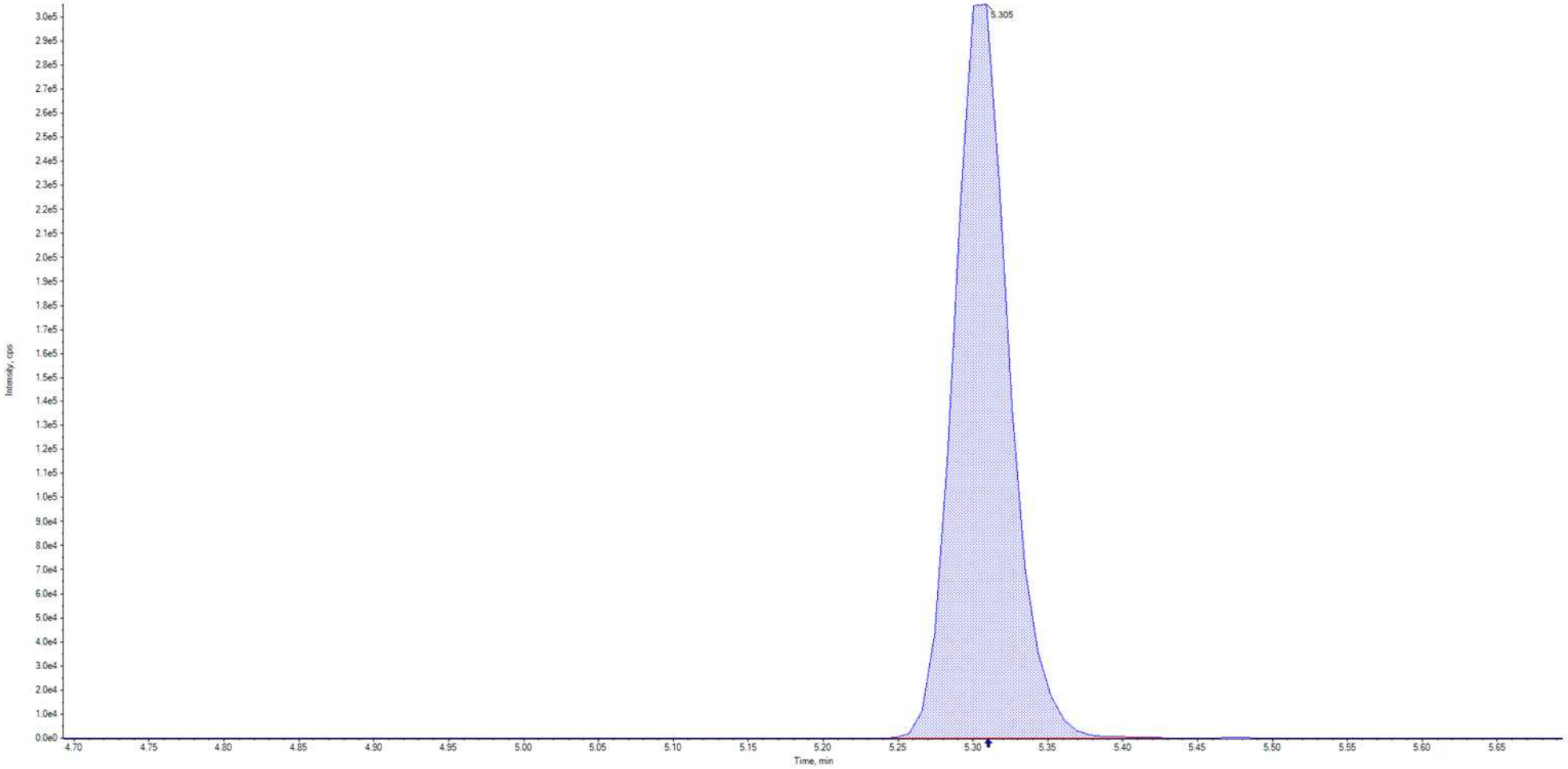
13C2-PFDoA
Sample: IA1633STD-12.5



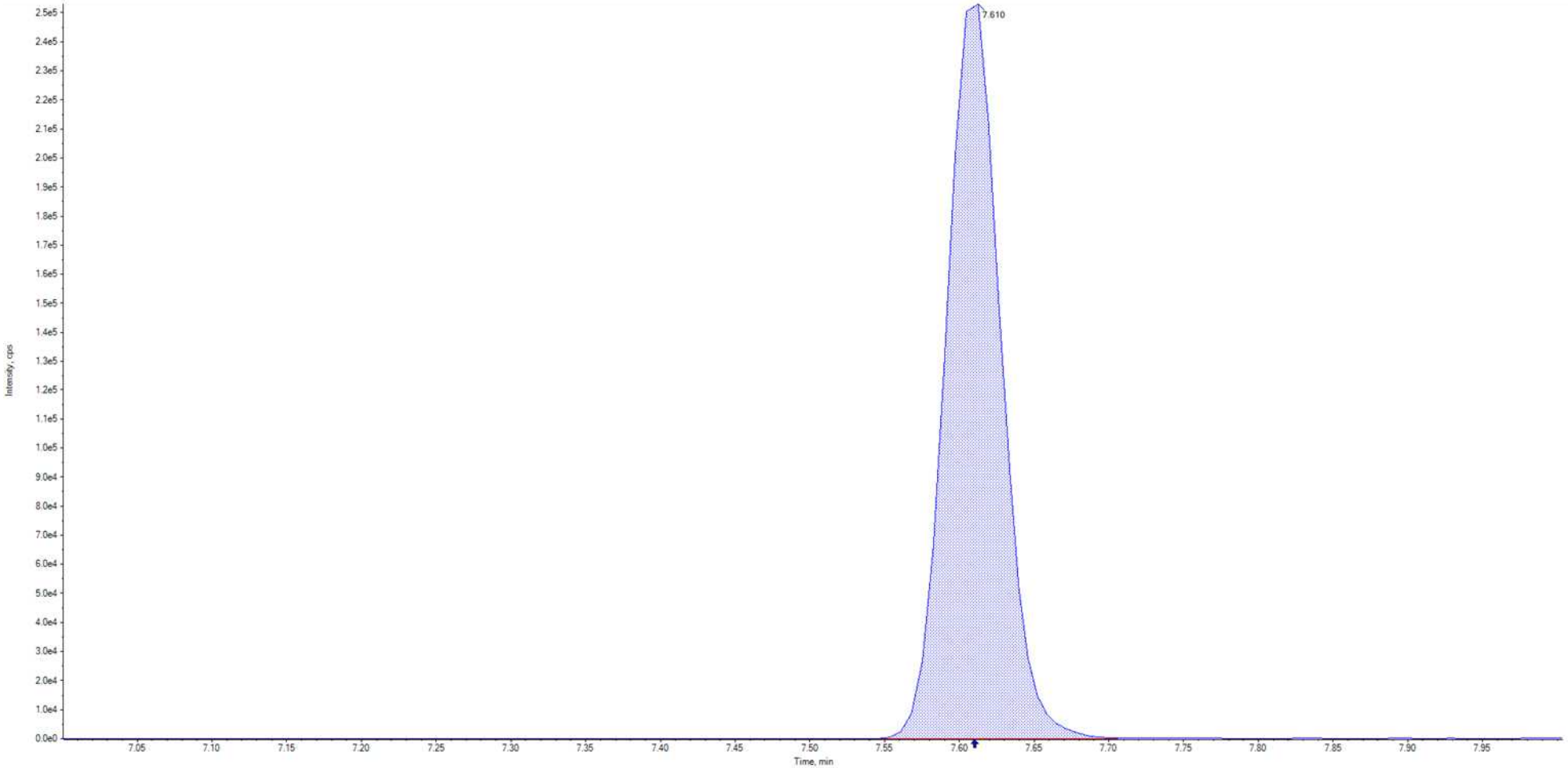
13C2-PFTeDA
Sample: IA1633STD-12.5



13C3-PFBS
Sample: IA1633STD-12.5

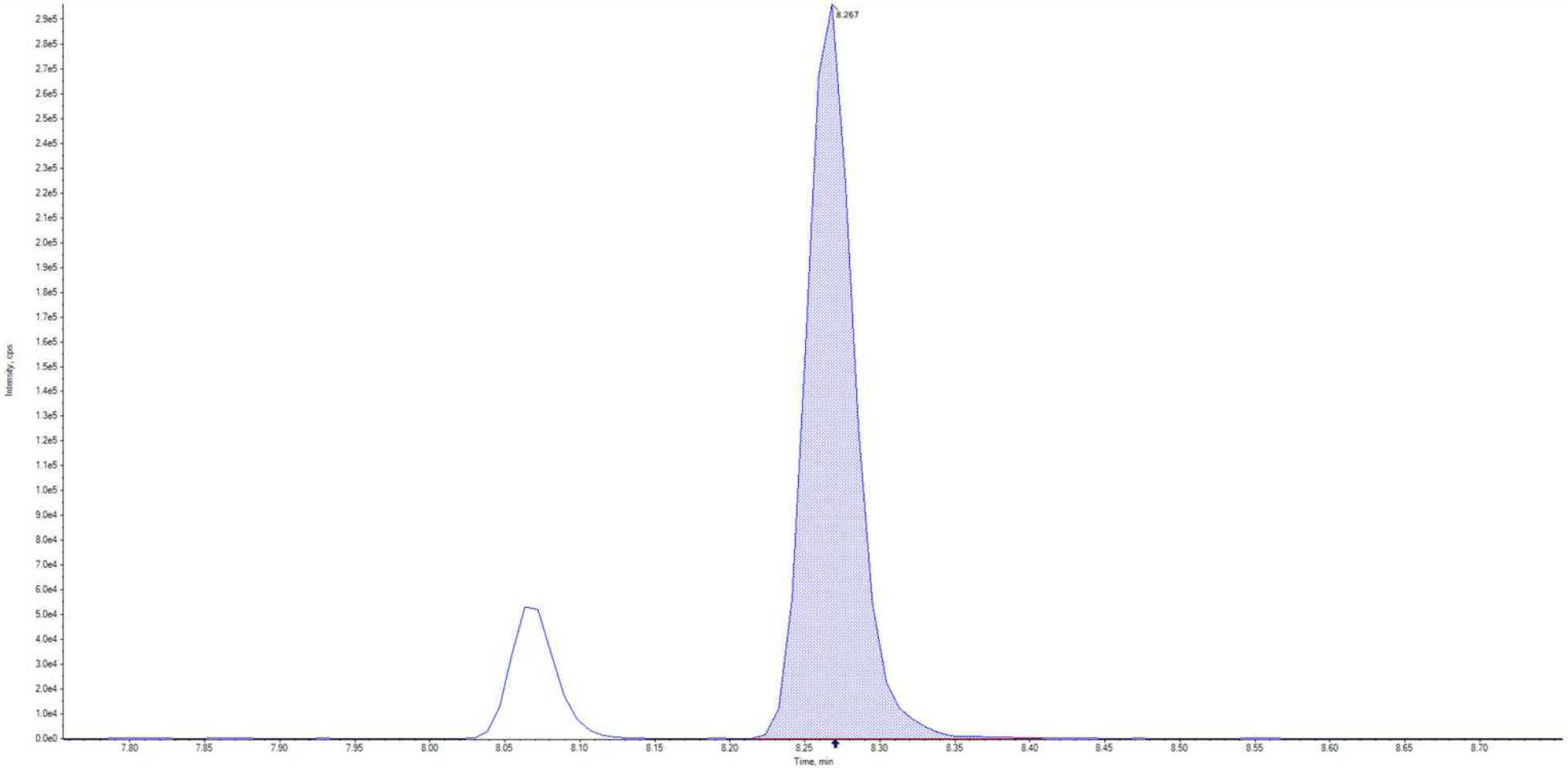


13C3-PFHxS
Sample: IA1633STD-12.5

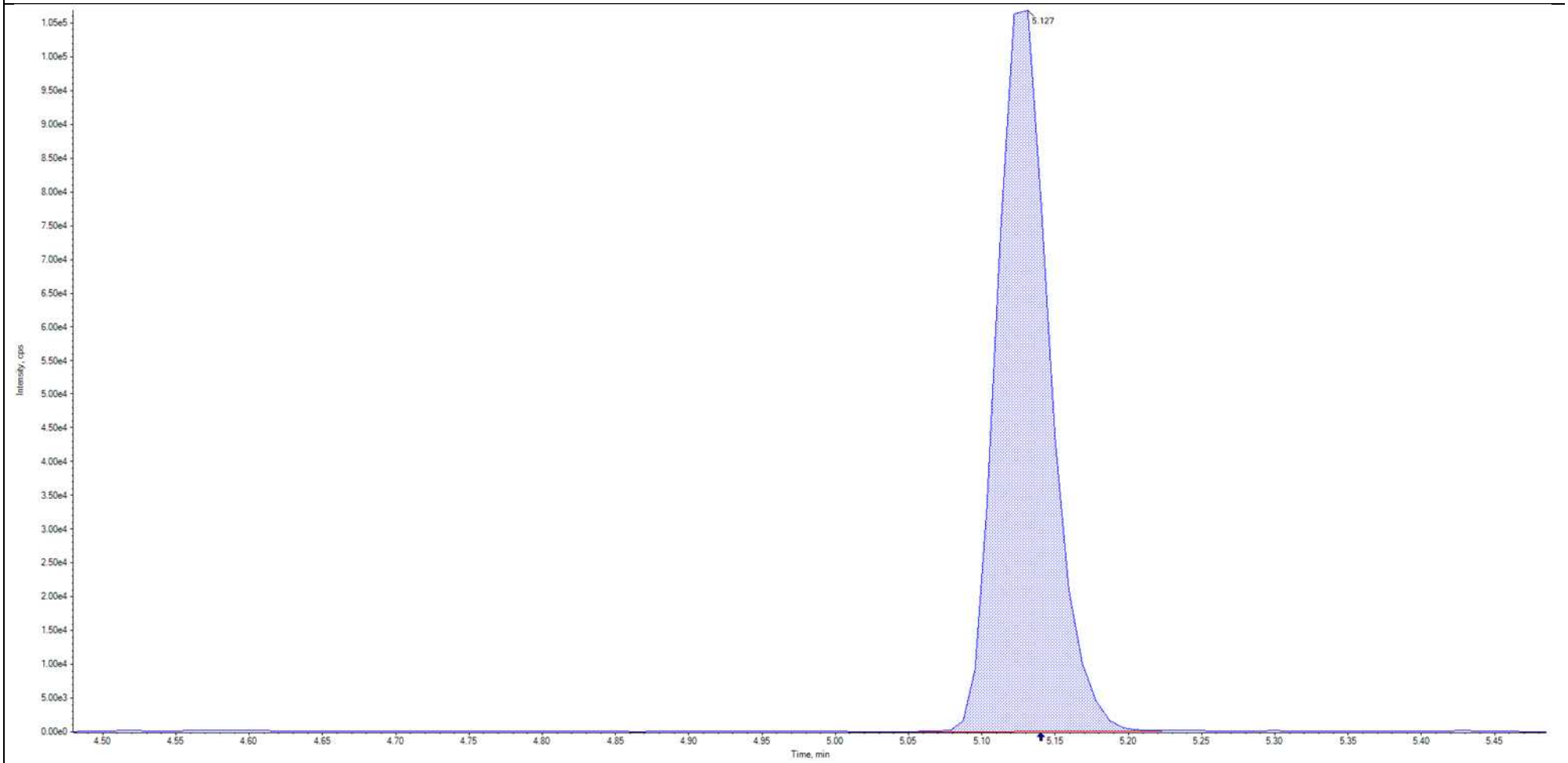


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

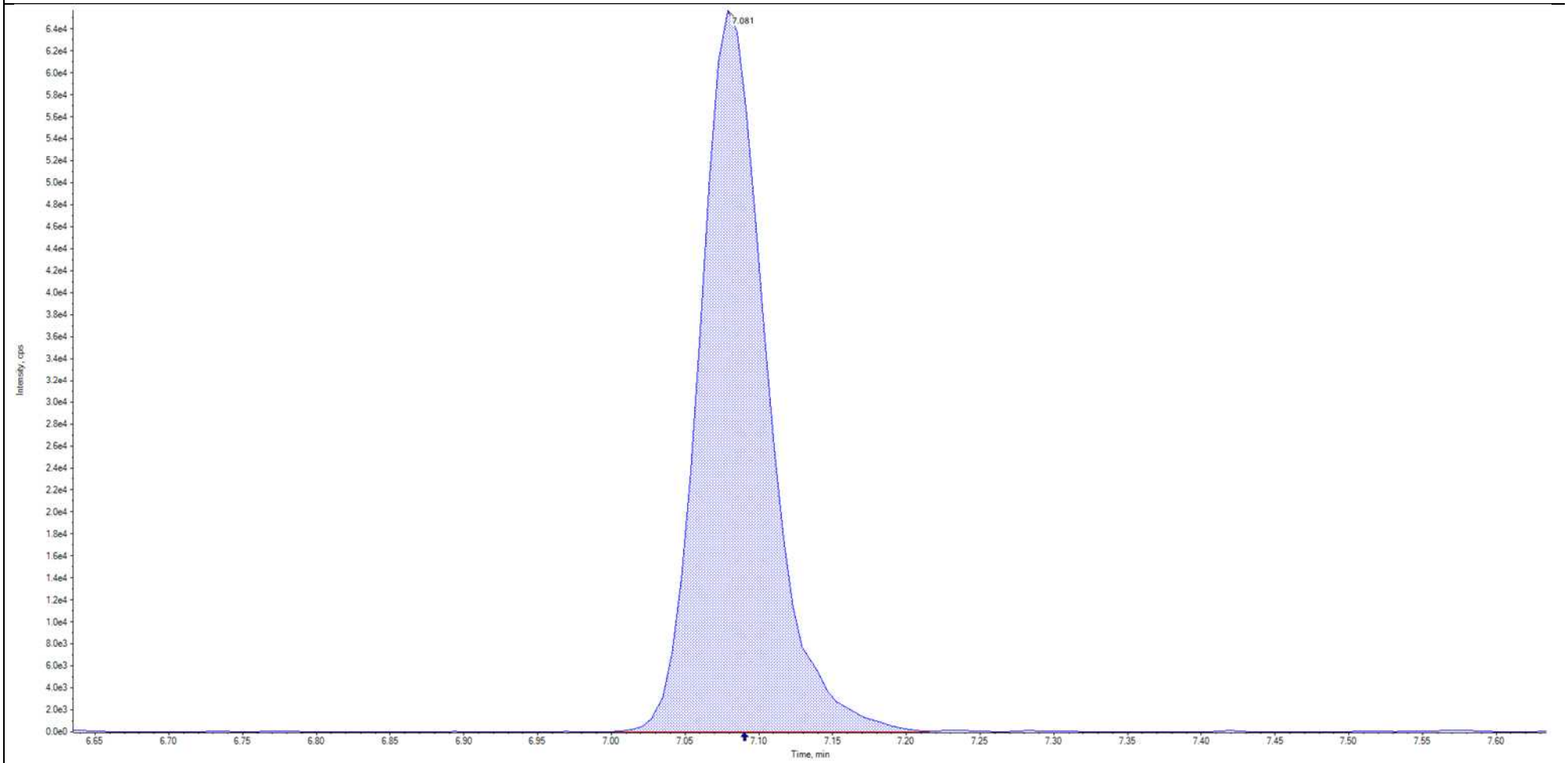
13C8-PFOS
Sample: IA1633STD-12.5



13C2-4:2FTS
Sample: IA1633STD-12.5

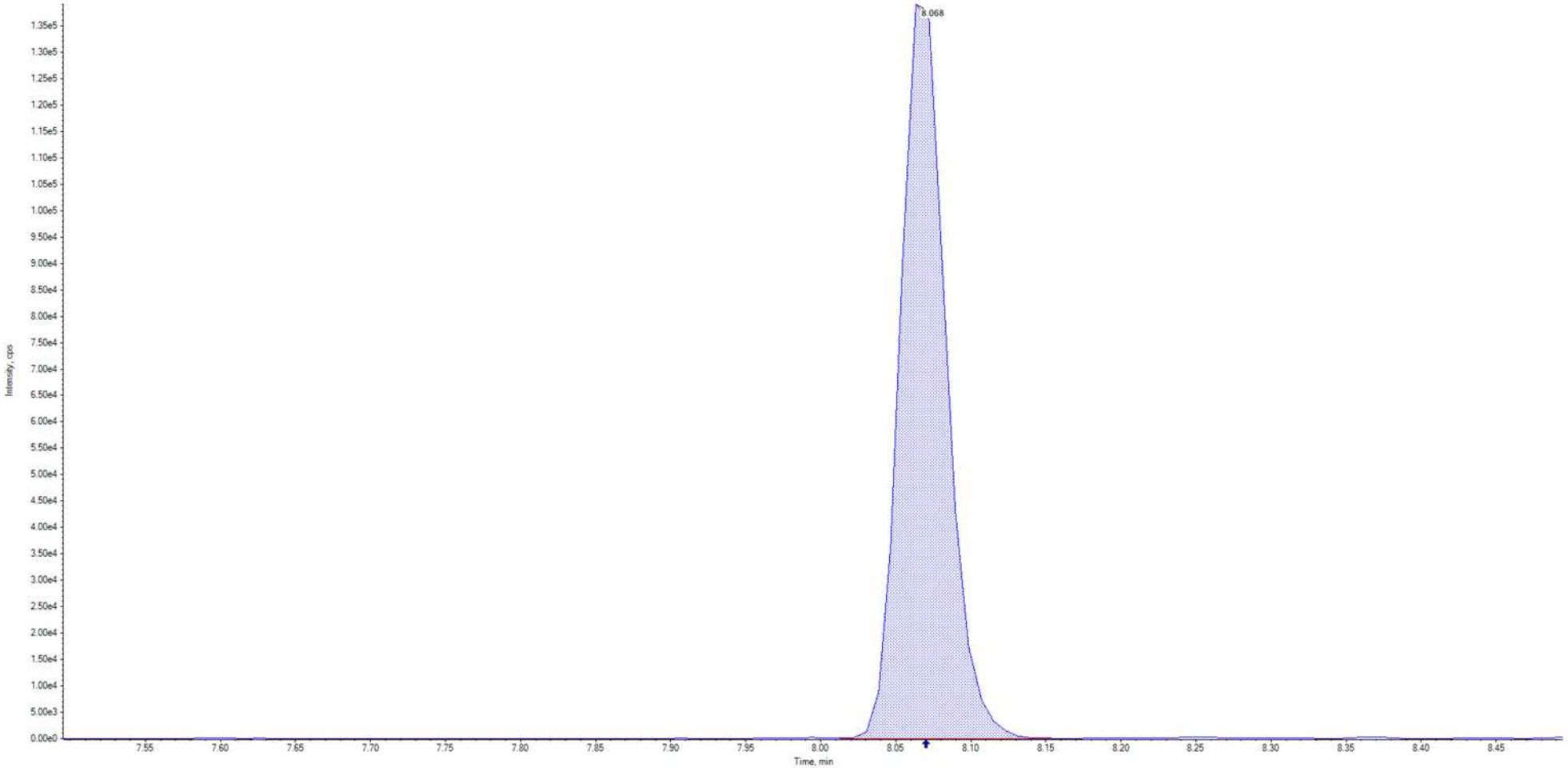


13C2-6:2FTS
Sample: IA1633STD-12.5

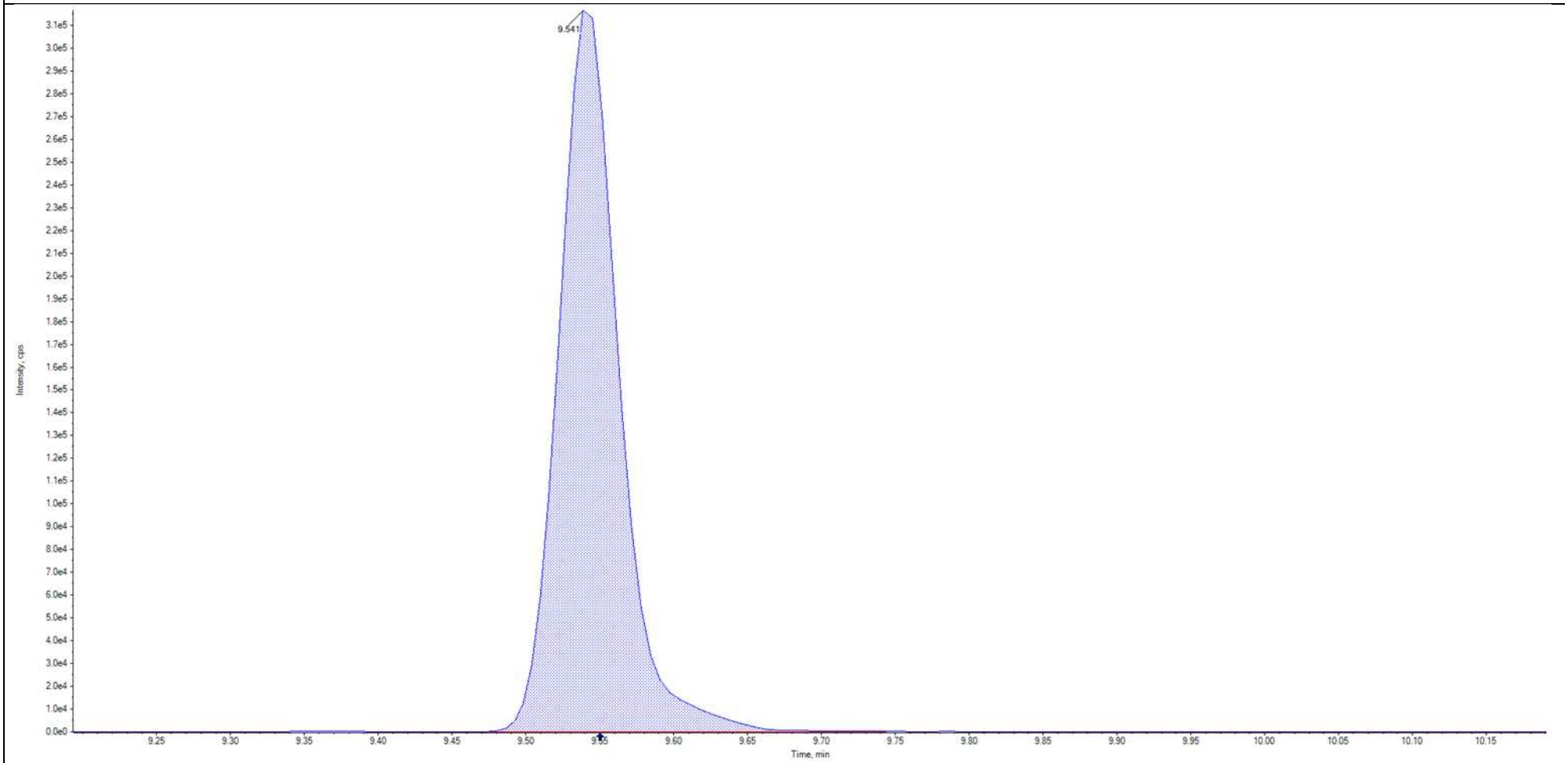


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_77.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

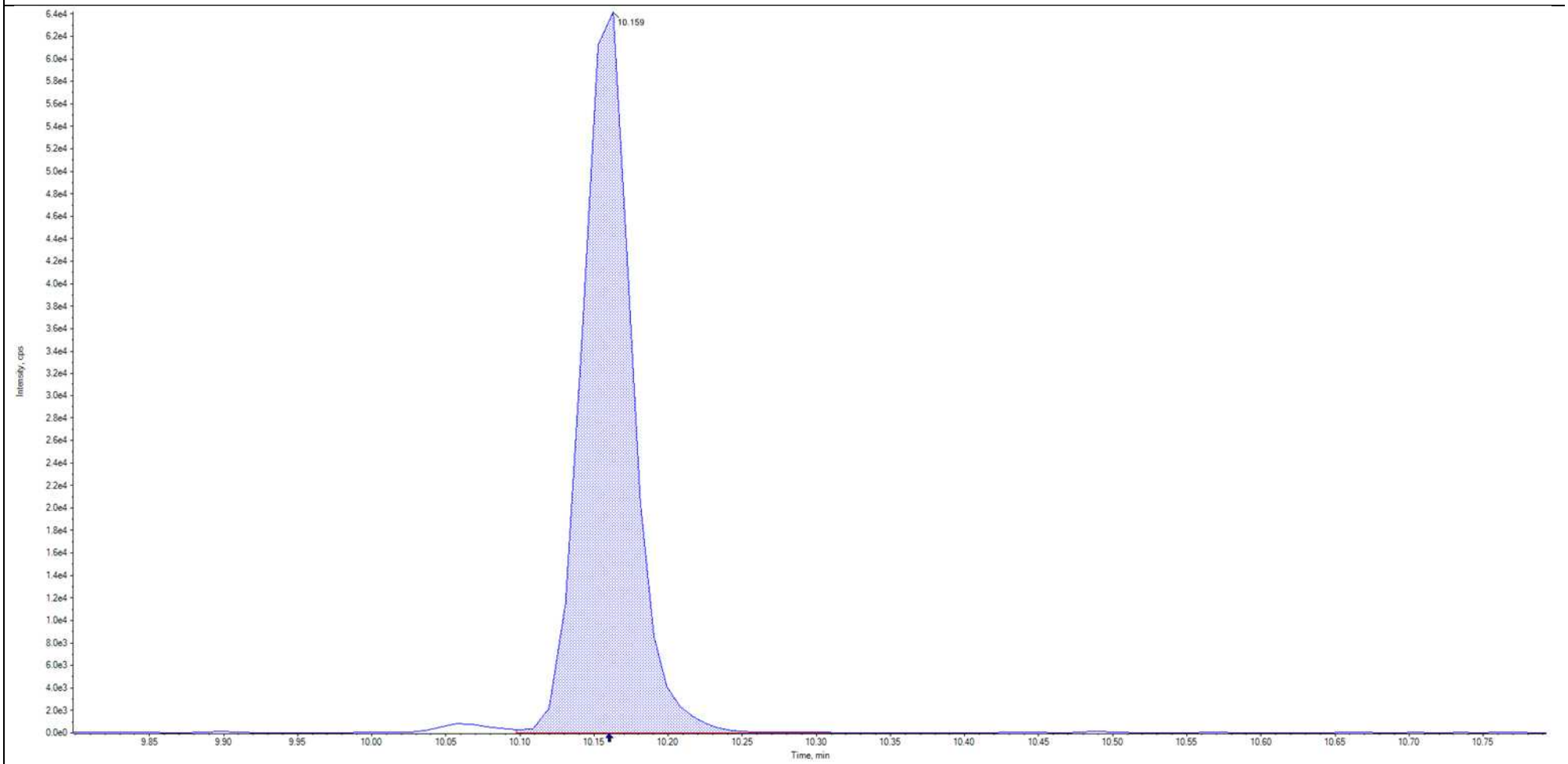
13C2-8:2FTS
Sample: IA1633STD-12.5



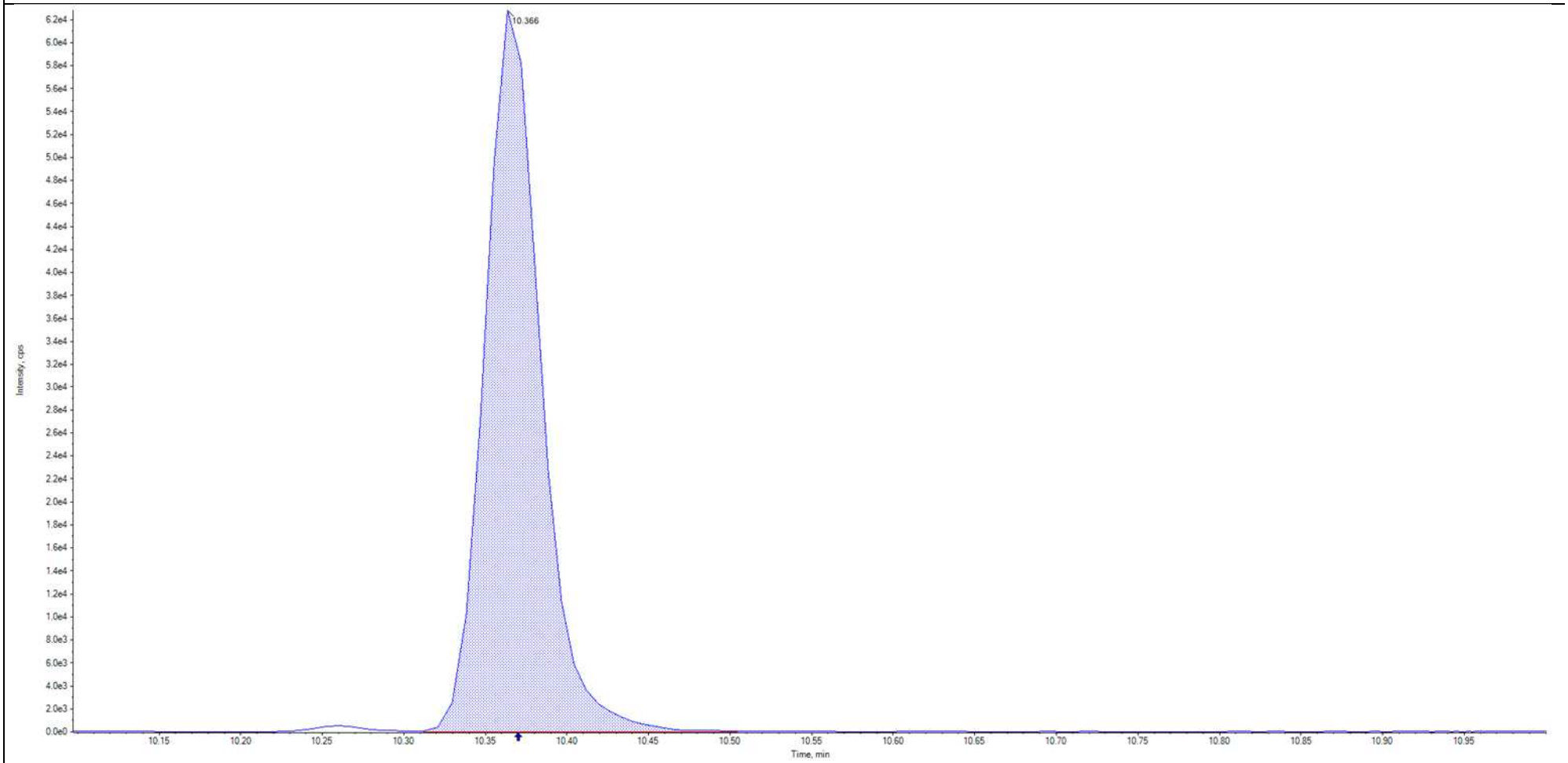
13C8-PFOSA
Sample: IA1633STD-12.5



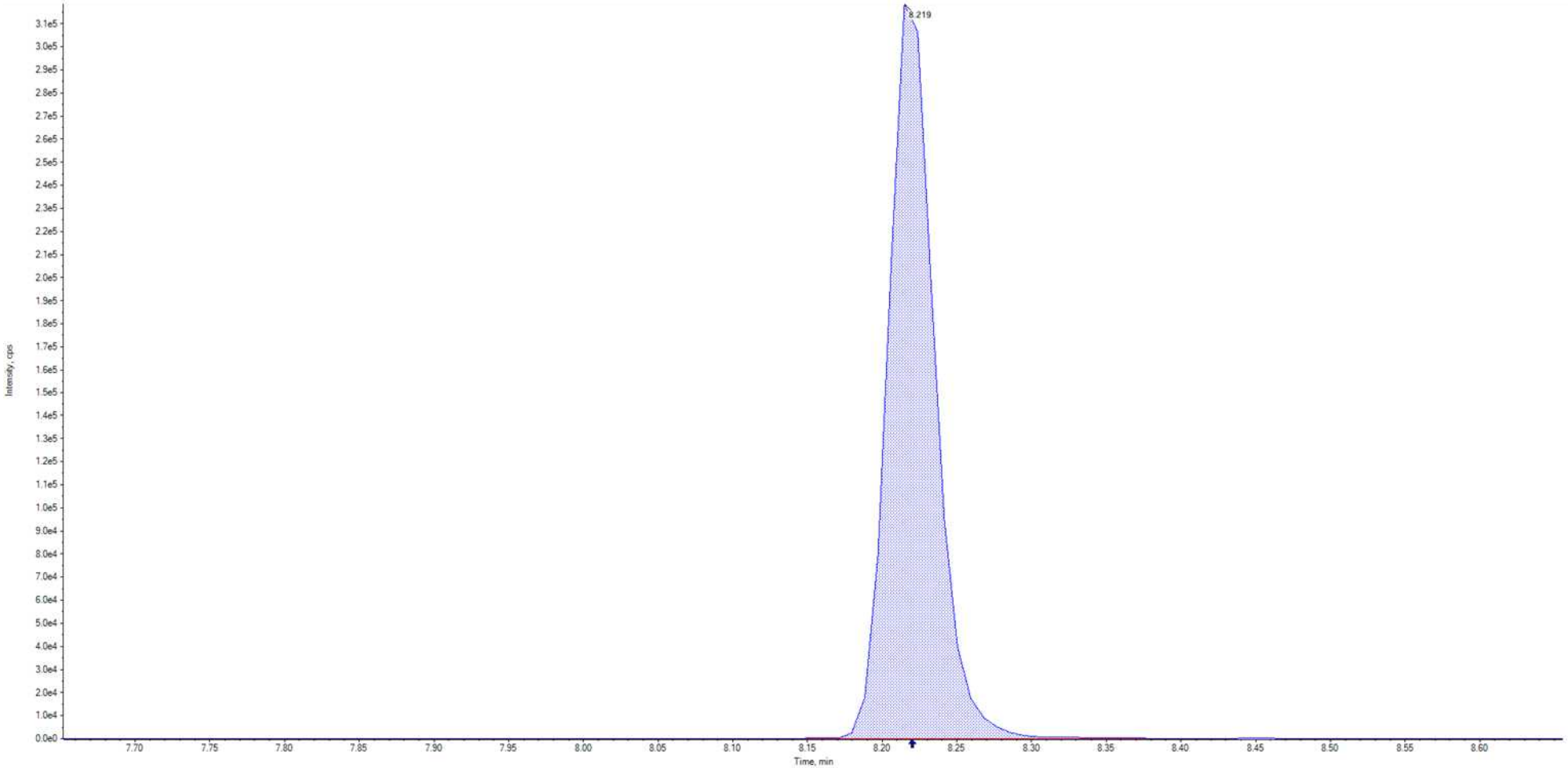
d3-NMeFOSA
Sample: IA1633STD-12.5



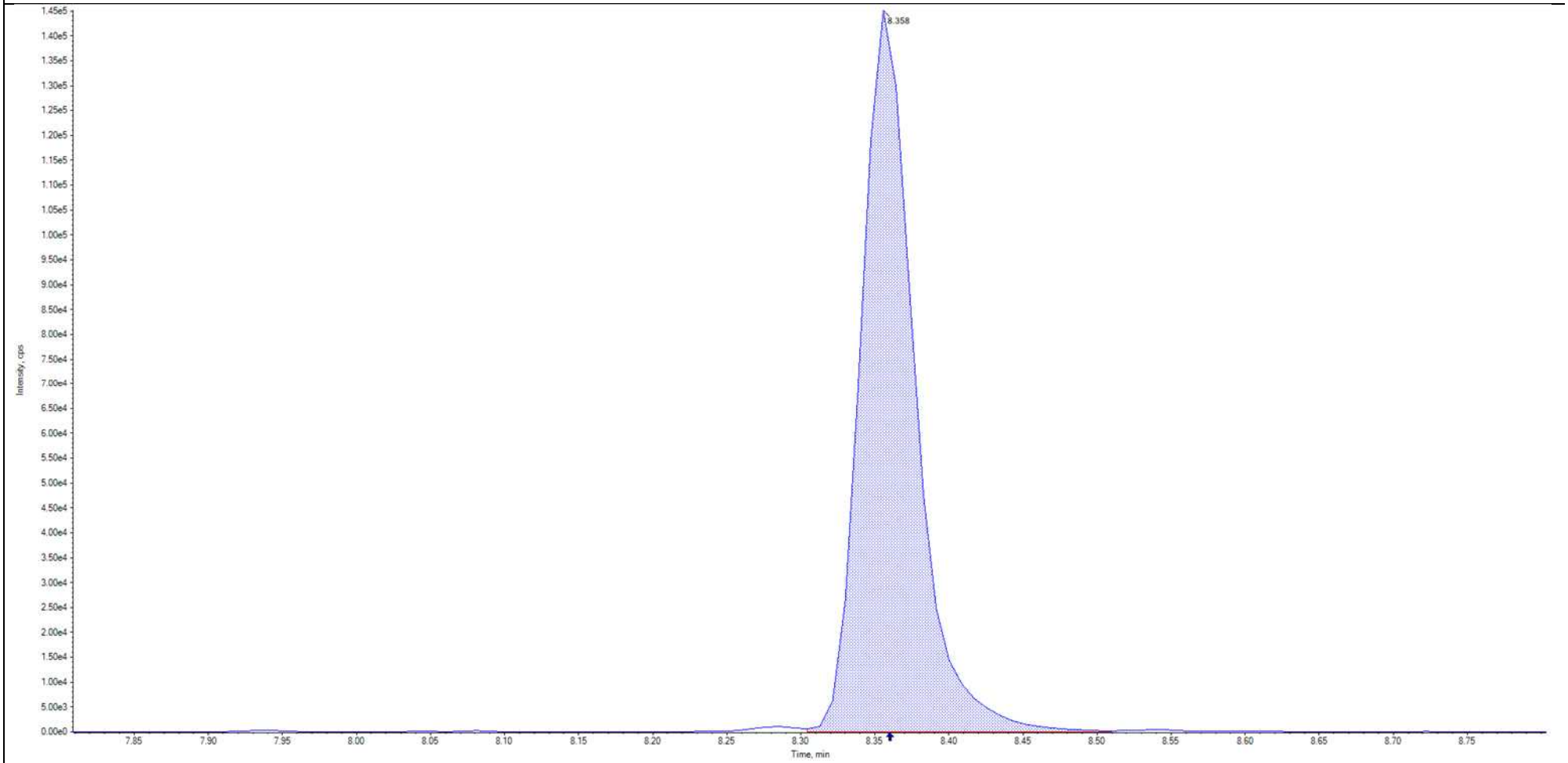
d5-NEtFOSA
Sample: IA1633STD-12.5



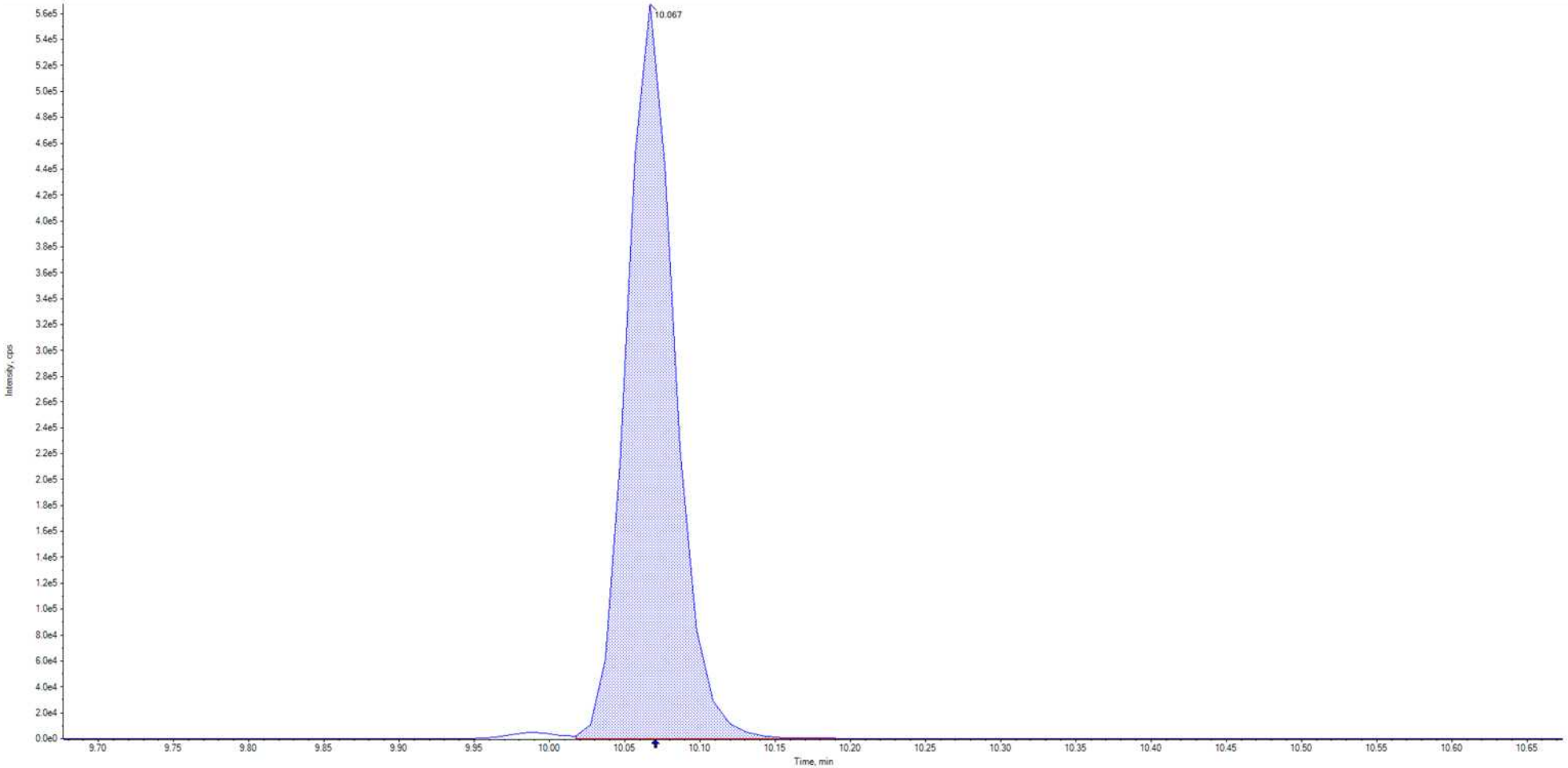
d3-NMeFOSAA
Sample: IA1633STD-12.5



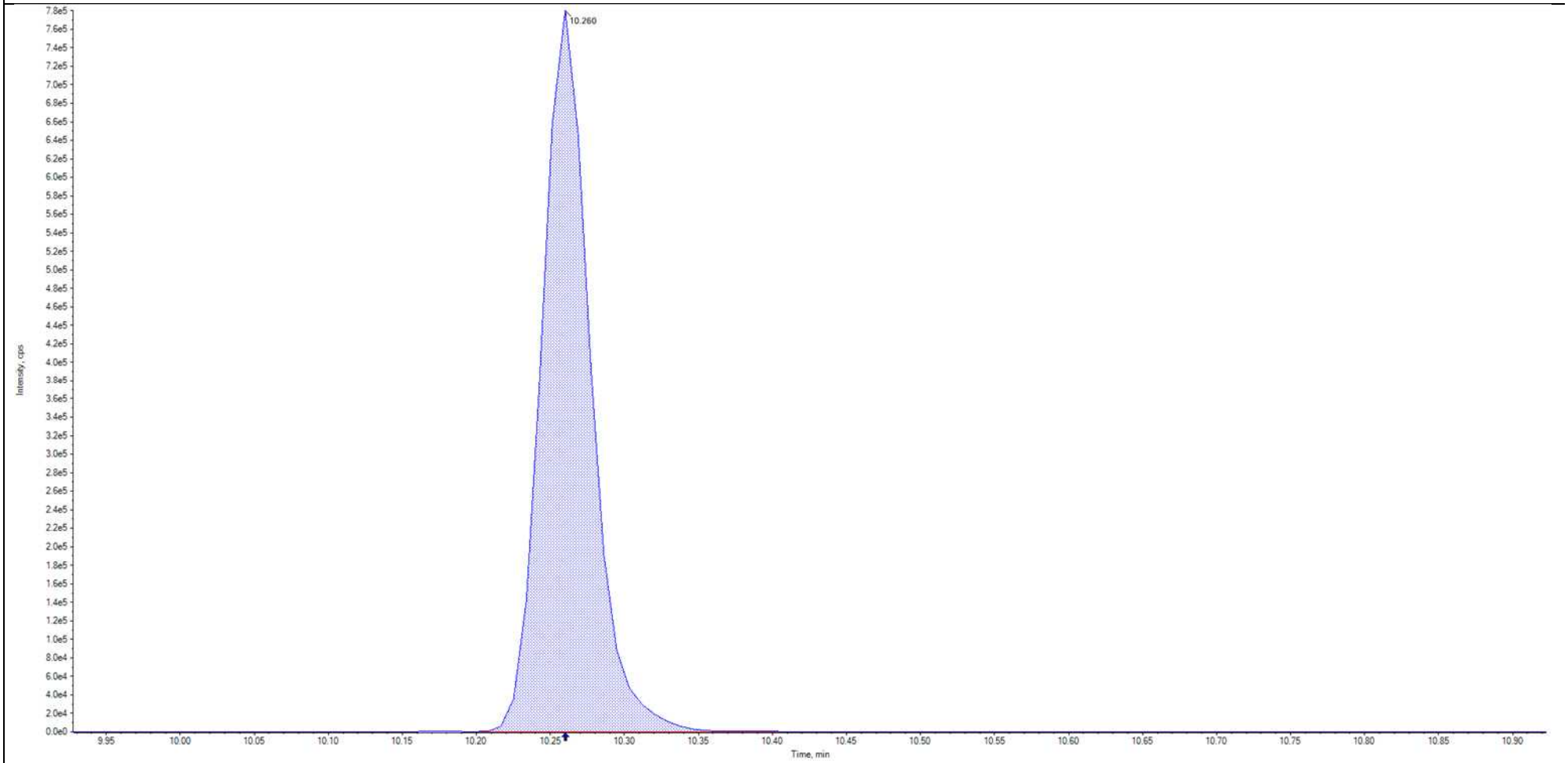
d5-NEtFOSAA
Sample: IA1633STD-12.5



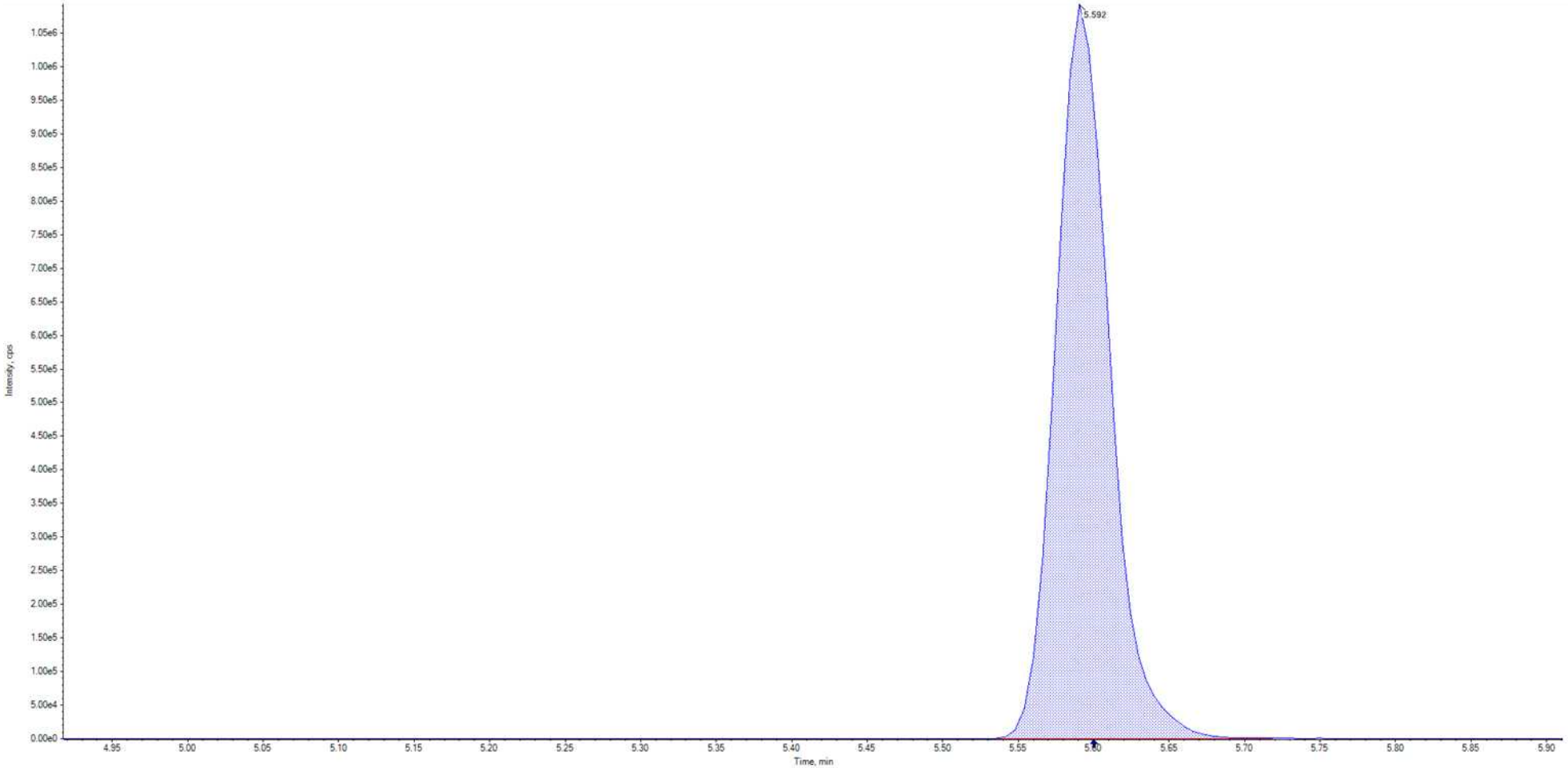
d7-NMeFOSE
Sample: IA1633STD-12.5



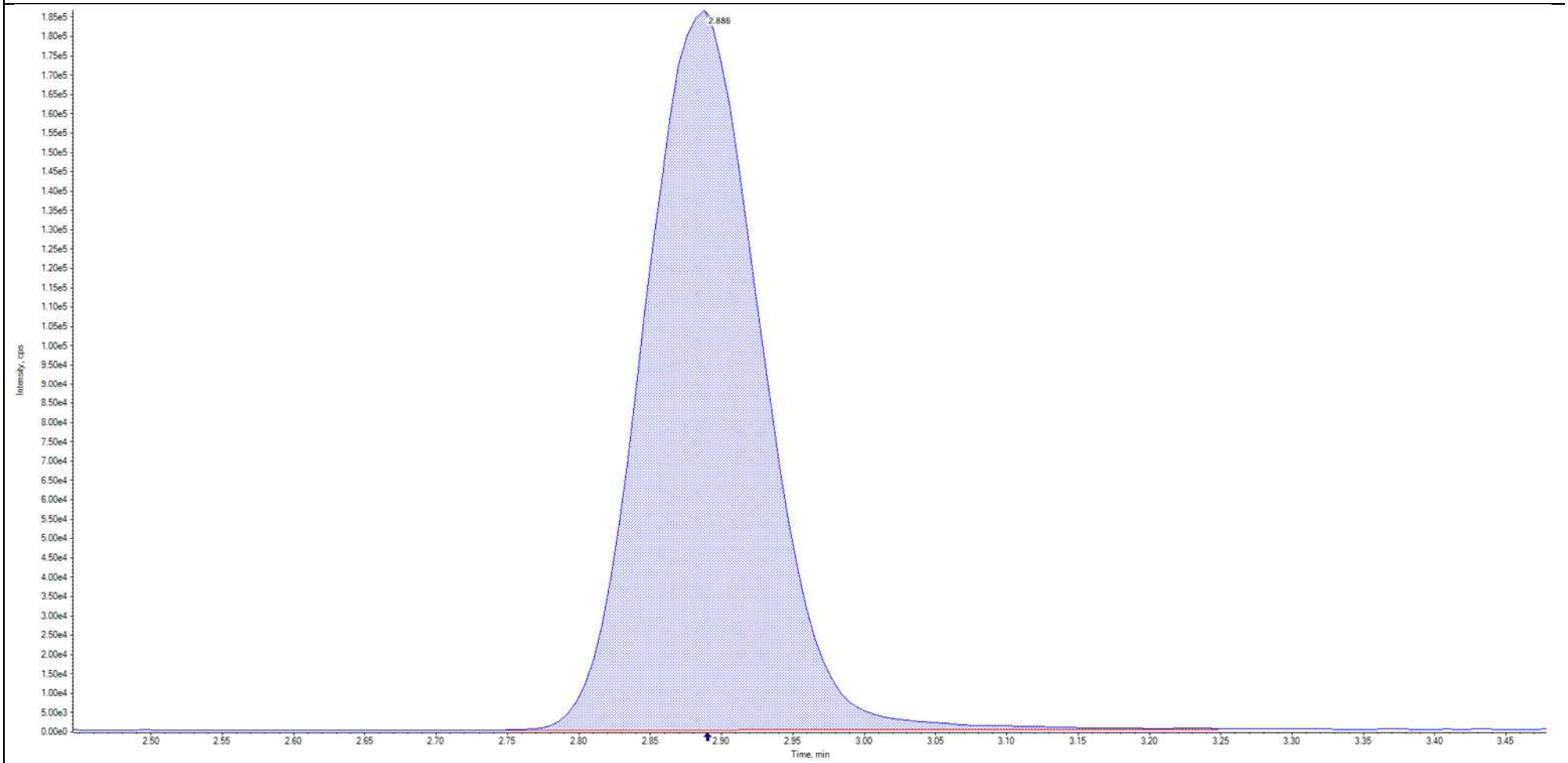
d9-NEtFOSE
Sample: IA1633STD-12.5



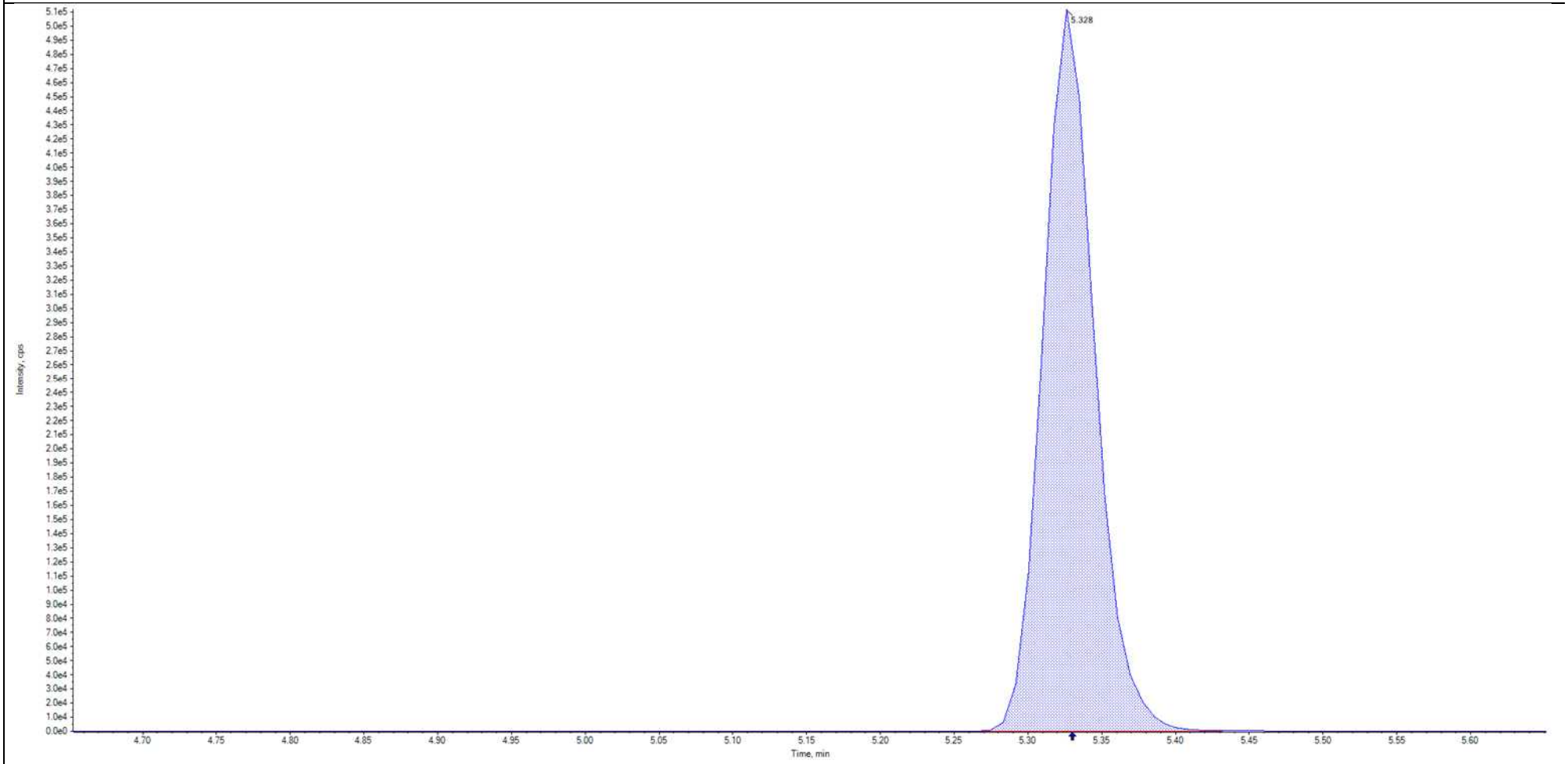
13C3-HFPO-DA
Sample: IA1633STD-12.5



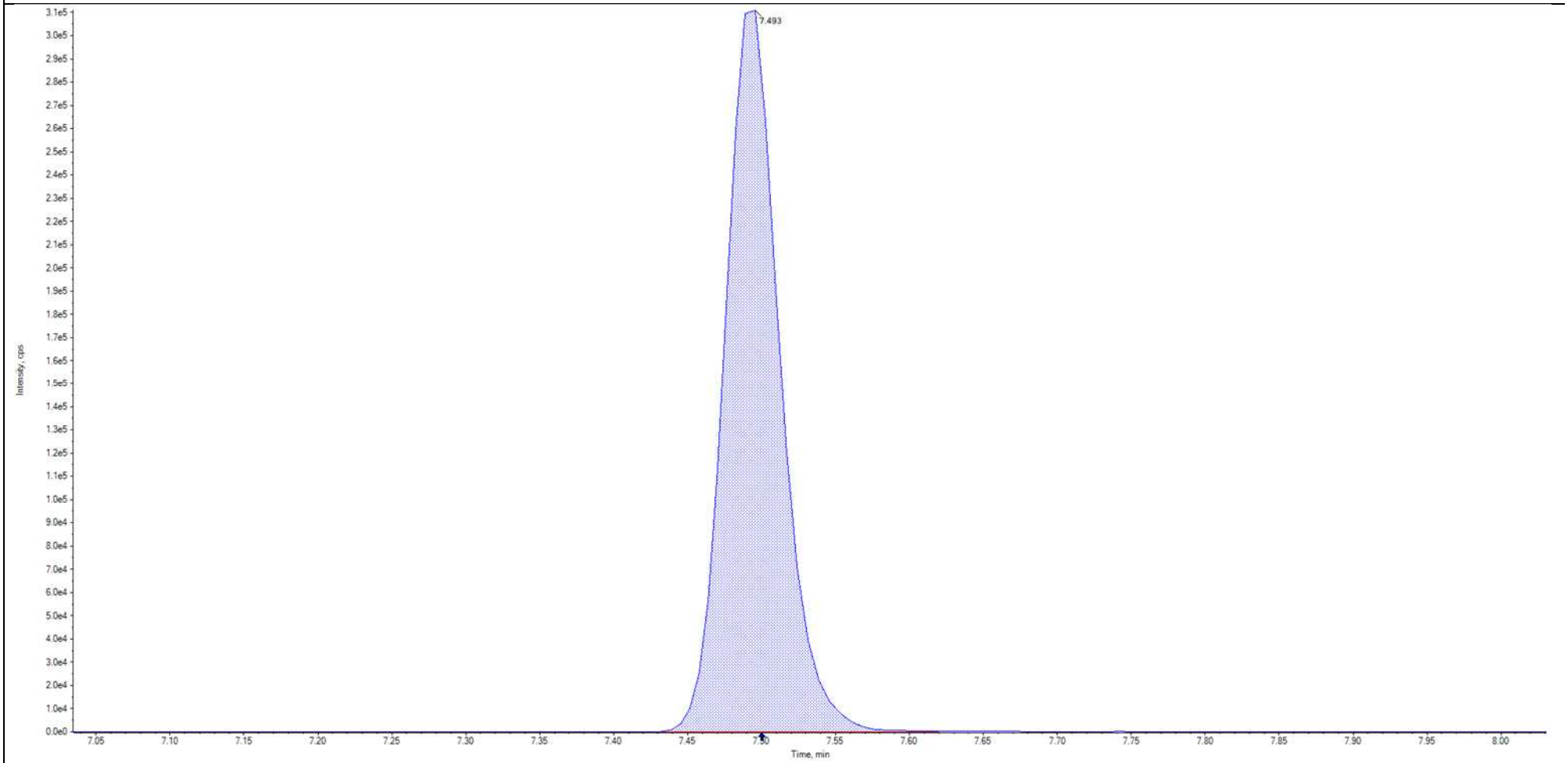
13C3-PFBA
Sample: IA1633STD-12.5



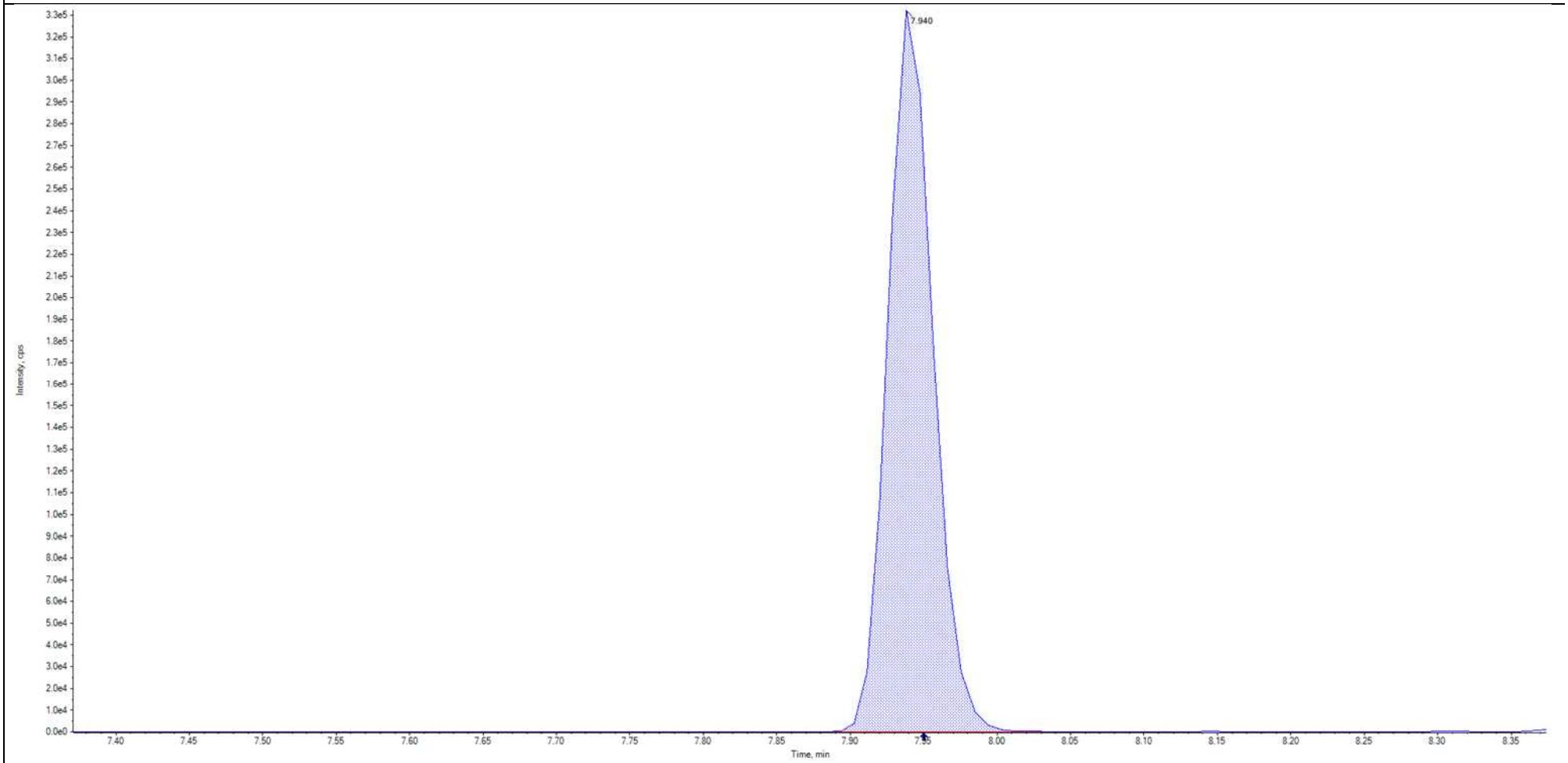
13C2-PFHxA
Sample: IA1633STD-12.5



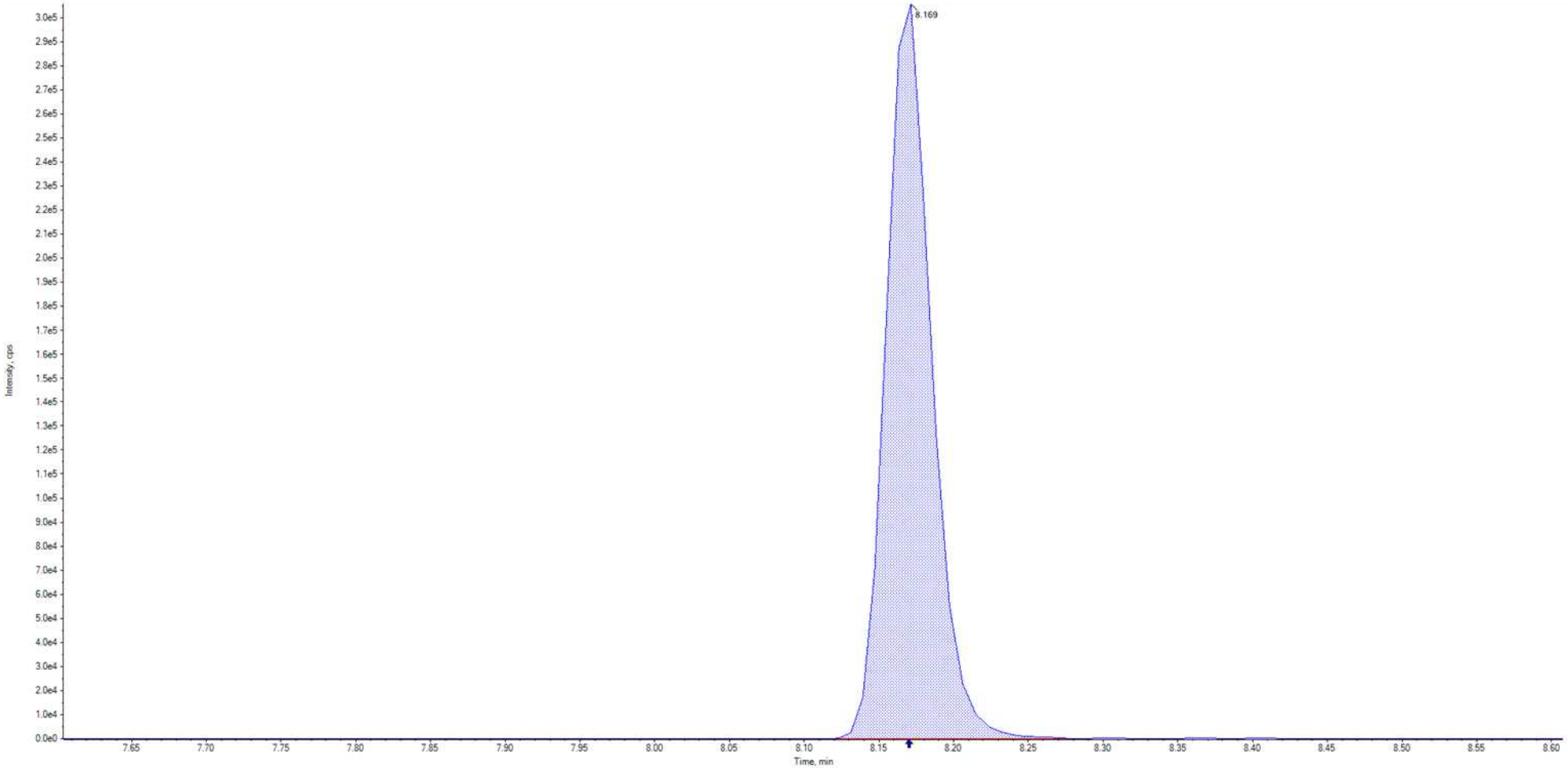
13C4-PFOA
Sample: IA1633STD-12.5



13C5-PFNA
Sample: IA1633STD-12.5

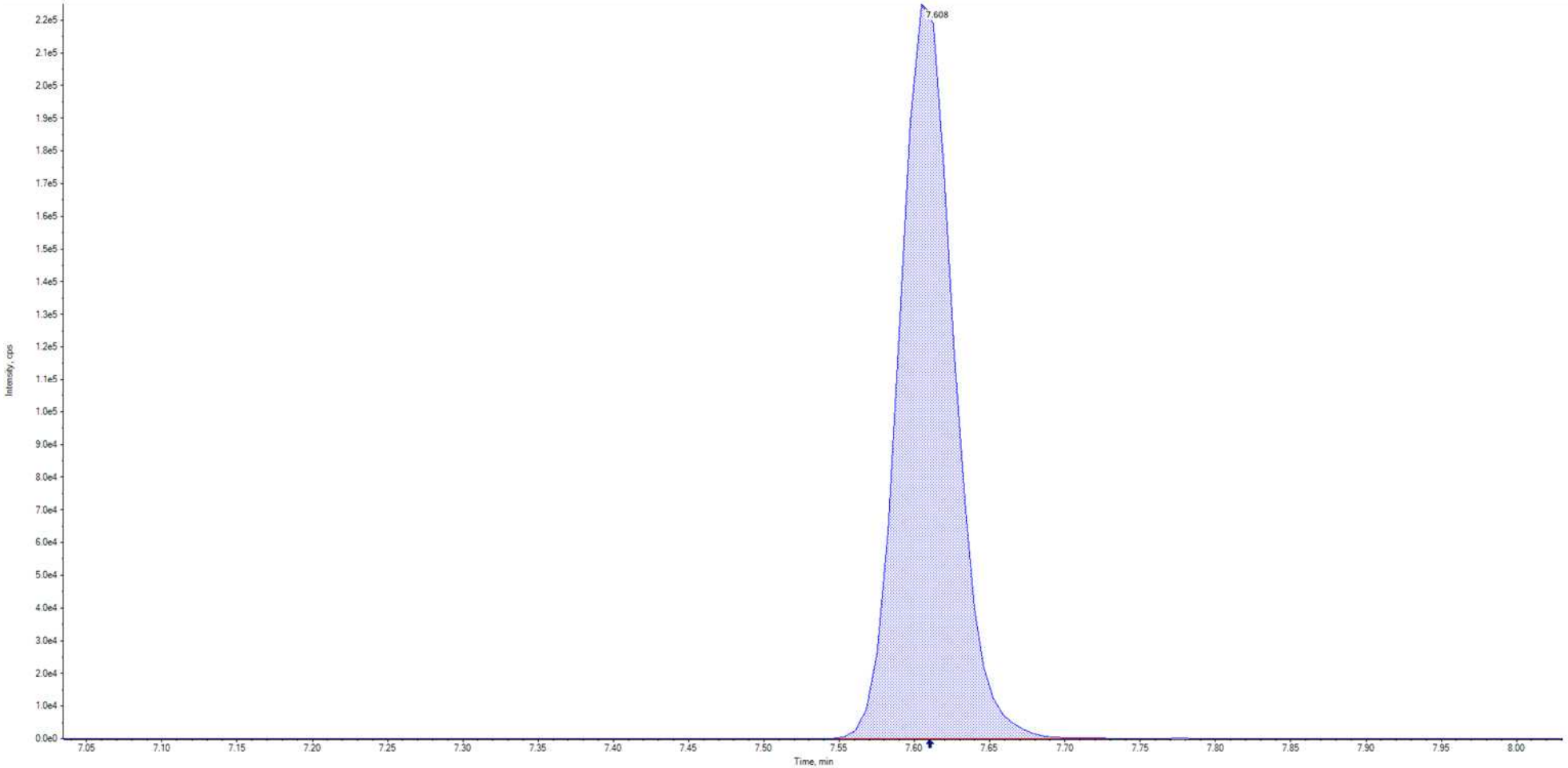


13C2-PFDA
Sample: IA1633STD-12.5

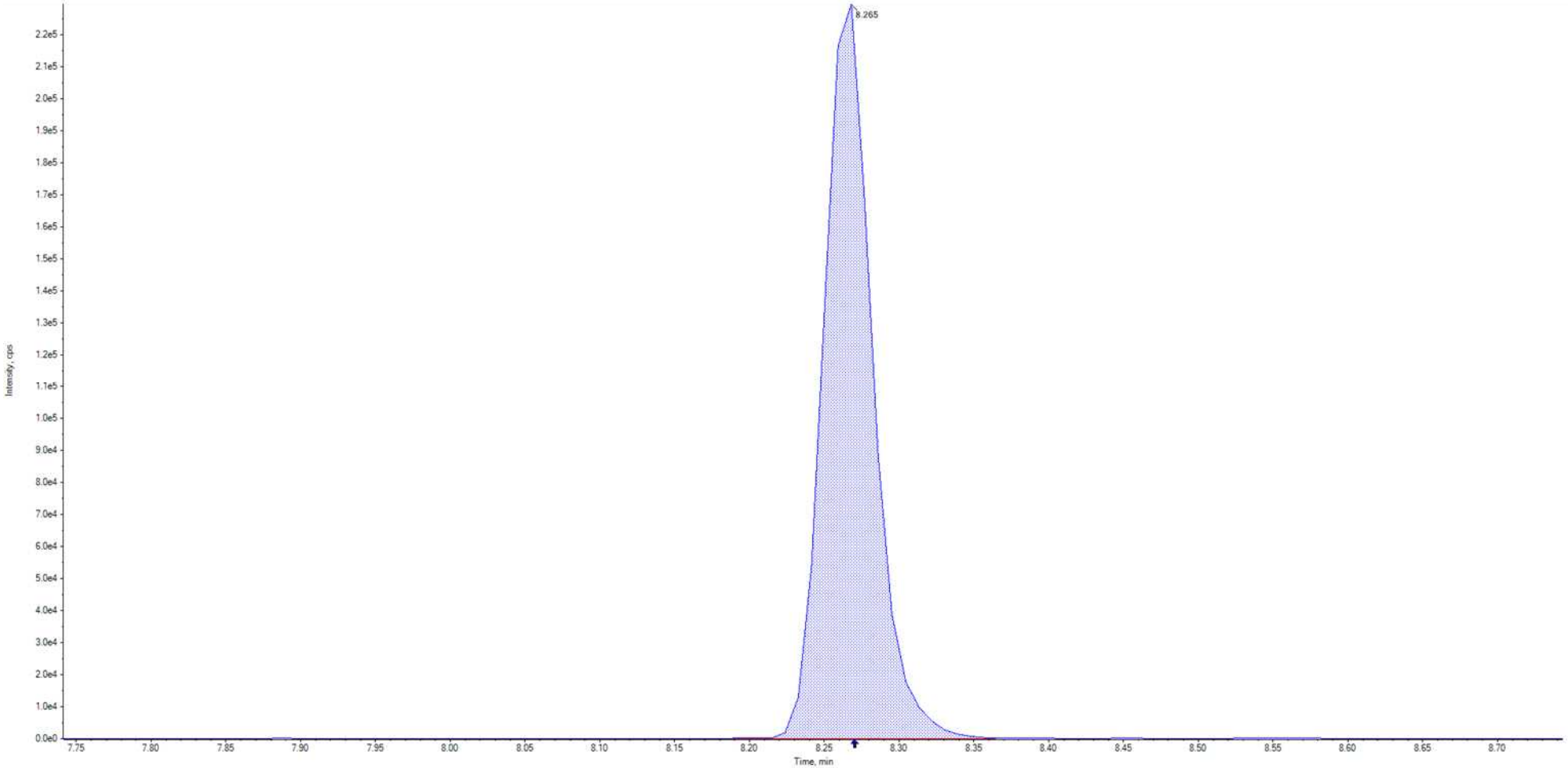


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Alpha Analytical Inc.
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18O2-PFHxS
Sample: IA1633STD-12.5



13C4-PFOS
Sample: IA1633STD-12.5



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

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Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.89	213.0 / 169.0	19372954		111.060	N/A	N/A	N/A	111.1
2	PFPeA	2706-90-3	4.65	263.0 / 219.0	13922796		56.054	0.007	0.007	N/A	112.1
3	PFPeA_2	2706-90-3	4.65	263.0 / 68.9	95101		54.226	0.007	0.007	N/A	108.5
4	PFHxA	307-24-4	5.34	313.0 / 269.0	11476754		24.720	0.080	0.072	Pass	98.9
5	PFHxA_2	307-24-4	5.34	313.0 / 119.0	920997		26.848	0.080	0.072	Pass	107.4
6	PFHpA	375-85-9	6.25	363.1 / 319.0	12077750		27.183	0.310	0.297	Pass	108.7
7	PFHpA_2	375-85-9	6.25	363.1 / 169.0	3749125		27.574	0.310	0.297	Pass	110.3

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.51	413.1 / 369.1	7765819	M5	28.013	0.555	0.586	Pass	112.1
9	PFOA_2	335-67-1	7.51	413.1 / 169.0	4310431	M7	28.378	0.555	0.586	Pass	113.5
10	PFNA	375-95-1	7.95	462.8 / 418.9	10245828	M5	28.158	0.314	0.313	Pass	112.6
11	PFNA_2	375-95-1	7.95	462.8 / 218.9	3221284	M7	28.969	0.314	0.313	Pass	115.9
12	PFDA	335-76-2	8.18	513.1 / 469.1	10987417		26.513	0.154	0.142	Pass	106.1
13	PFDA_2	335-76-2	8.18	513.1 / 219.0	1687869		27.175	0.154	0.142	Pass	108.7
14	PFUnA	2058-94-8	8.47	563.1 / 519.1	8197525		27.918	0.191	0.194	Pass	111.7
15	PFUnA_2	2058-94-8	8.47	563.1 / 269.0	1564098		27.498	0.191	0.194	Pass	110.0
16	PFDoA	307-55-1	8.91	613.1 / 569.1	9400002		25.818	0.173	0.167	Pass	103.3
17	PFDoA_2	307-55-1	8.91	613.1 / 319.0	1629833		26.498	0.173	0.167	Pass	106.0
18	PFTrDA	72629-94-8	9.50	663.1 / 619.1	5780095		26.642	0.216	0.228	Pass	106.6
19	PFTrDA_2	72629-94-8	9.50	663.1 / 169.0	1251198		25.894	0.216	0.228	Pass	103.6
20	PFTeDA	376-06-7	9.91	713.1 / 669.1	9555438		26.193	0.137	0.137	Pass	104.8
21	PFTeDA_2	376-06-7	9.91	713.1 / 169.0	1313139		26.317	0.137	0.137	Pass	105.3
22	PFBS	375-73-5	5.32	299.1 / 80.1	7381223		22.741	0.404	0.396	Pass	102.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.31	299.1 / 99.1	2979085		23.021	0.404	0.396	Pass	103.8
24	PFPeS	2706-91-4	6.34	349.1 / 80.1	6765018		26.541	0.296	0.299	Pass	112.8
25	PFPeS_2	2706-91-4	6.34	349.1 / 99.1	2004078		26.068	0.296	0.299	Pass	110.8
26	PFHxS	355-46-4	7.62	399.1 / 80.1	5917905	M5	24.810	0.305	0.315	Pass	108.6
27	PFHxS_2	355-46-4	7.62	399.1 / 99.1	1802158	M7	24.327	0.305	0.315	Pass	106.5
28	PFHpS	375-92-8	8.02	449.1 / 80.1	6449656		26.938	0.284	0.287	Pass	113.1
29	PFHpS_2	375-92-8	8.02	449.1 / 99.1	1829404		26.070	0.284	0.287	Pass	109.4
30	PFOS	1763-23-1	8.28	499.1 / 80.1	6704354	M5	26.300	0.244	0.238	Pass	113.4
31	PFOS_2	1763-23-1	8.27	499.1 / 99.1	1635669		26.190	0.244	0.238	Pass	112.9
32	PFNS	68259-12-1	8.63	549.1 / 80.1	4586269		28.023	0.295	0.301	Pass	116.5
33	PFNS_2	68259-12-1	8.63	549.1 / 99.1	1351858		27.273	0.295	0.301	Pass	113.4
34	PFDS	335-77-3	9.14	599.1 / 80.1	4389768		27.229	0.281	0.275	Pass	112.9
35	PFDS_2	335-77-3	9.14	599.1 / 99.1	1235590		27.802	0.281	0.275	Pass	115.2
36	PFDoS	79780-39-5	10.01	699.2 / 80.1	4012335		27.173	0.283	0.274	Pass	112.1
37	PFDoS_2	79780-39-5	10.00	699.2 / 99.1	1137085		28.026	0.283	0.274	Pass	115.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.14	327.1 / 307.1	10310809		91.077	0.528	0.516	Pass	97.2
39	4:2FTS_2	757124-72-4	5.14	327.1 / 81.1	5445016		89.906	0.528	0.516	Pass	95.9
40	6:2FTS	27619-97-2	7.09	427.2 / 407.2	7191794		103.975	0.553	0.565	Pass	109.5
41	6:2FTS_2	27619-97-2	7.09	427.2 / 81.1	3974248		106.229	0.553	0.565	Pass	111.8
42	8:2FTS	39108-34-4	8.08	527.2 / 507.2	7209364		100.441	0.697	0.662	Pass	104.6
43	8:2FTS_2	39108-34-4	8.07	527.2 / 81.1	5023863		103.190	0.697	0.662	Pass	107.5
44	PFOSA	754-91-6	9.55	498.1 / 78.1	6437202	M5	29.360	0.024	0.025	Pass	117.4
45	PFOSA_2	754-91-6	9.54	498.1 / 478.0	157051	M7	27.301	0.024	0.025	Pass	109.2
46	NMeFOSA	31506-32-8	10.17	512.2 / 219.0	1828142	M5	28.713	1.429	1.551	Pass	114.9
47	NMeFOSA_2	31506-32-8	10.13	512.2 / 169.0	2612893	M7	26.484	1.429	1.551	Pass	105.9
48	NEtFOSA	4151-50-2	10.38	526.2 / 219.0	1739926	M5	27.889	1.321	1.285	Pass	111.6
49	NEtFOSA_2	4151-50-2	10.34	526.2 / 169.0	2298977	M7	27.527	1.321	1.285	Pass	110.1
50	NMeFOSAA	2355-31-9	8.23	570.2 / 419.1	2587090		28.924	0.606	0.700	Pass	115.7
51	NMeFOSAA_2	2355-31-9	8.23	570.2 / 483.0	1567378	M7	27.555	0.606	0.700	Pass	110.2
52	NEtFOSAA	2991-50-6	8.37	584.2 / 419.1	1868827		27.856	0.474	0.487	Pass	111.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.37	584.2 / 526.2	886656	M7	28.720	0.474	0.487	Pass	114.9
54	NMeFOSE	24448-09-7	10.08	616.1 / 58.9	34160374	M5	287.198	N/A	N/A	N/A	114.9
55	NEtFOSE	1691-99-2	10.28	630.0 / 58.9	53947112	M5	272.126	N/A	N/A	N/A	108.9
56	HFPO-DA	13252-13-6	5.60	285.0 / 169.0	24712719		107.523	0.461	0.464	Pass	107.5
57	HFPO-DA_2	13252-13-6	5.60	285.0 / 184.9	11396560		106.634	0.461	0.464	Pass	106.6
58	ADONA	919005-14-4	6.72	377.1 / 251.0	53256061		101.887	0.643	0.634	Pass	107.8
59	ADONA_2	919005-14-4	6.72	377.1 / 84.8	34258574		101.294	0.643	0.634	Pass	107.2
60	9Cl-PF3ONS	756426-58-1	8.50	530.8 / 351.1	48493859		94.092	0.325	0.322	Pass	100.6
61	9Cl-PF3ONS_2	756426-58-1	8.50	532.8 / 353.0	15749323		93.838	0.325	0.322	Pass	100.4
62	11Cl-PF3OUdS	763051-92-9	9.57	630.9 / 451.0	32877183		100.991	0.337	0.331	Pass	106.9
63	11Cl-PF3OUdS_2	763051-92-9	9.57	632.9 / 452.9	11074336		101.076	0.337	0.331	Pass	107.0
64	3:3FTCA	356-02-5	4.91	241.1 / 177.1	3325237		154.341	0.998	1.074	Pass	123.5
65	3:3FTCA_2	356-02-5	4.91	241.1 / 117.0	3319401		153.836	0.998	1.074	Pass	123.1
66	5:3FTCA	914637-49-3	7.16	341.1 / 237.1	57800169		686.272	0.929	0.953	Pass	109.8
67	5:3FTCA_2	914637-49-3	7.16	341.1 / 217.0	53715436		674.014	0.929	0.953	Pass	107.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.21	441.1 / 316.9	55121038		587.882	1.251	1.558	Pass	94.1
69	7:3FTCA_2	812-70-4	8.21	441.1 / 337.1	68940300		506.685	1.251	1.558	Pass	81.1
70	PFEESA	113507-82-7	5.71	315.1 / 135.0	39950589		49.598	0.085	0.087	Pass	111.5
71	PFEESA_2	113507-82-7	5.71	315.1 / 82.9	3412004		49.032	0.085	0.087	Pass	110.2
72	PFMPA	377-73-1	3.85	229.0 / 85.0	1717029		57.112	N/A	N/A	N/A	114.2
73	PFMBA	863090-89-5	4.88	279.0 / 85.0	22136596		54.610	N/A	N/A	N/A	109.2
74	NFDHA	151772-58-6	5.25	295.0 / 201.0	4623243		54.520	0.838	0.910	Pass	109.0
75	NFDHA_2	151772-58-6	5.26	295.0 / 84.9	3874085		49.835	0.838	0.910	Pass	99.7
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.13	333.2 / 312.1	889831		4.863	N/A	N/A	N/A	97.3
79	13C2-PFOA	Surr	7.50	415.0 / 370.0	3163005		2.239	N/A	N/A	N/A	89.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2151011		9.186	NA	NA	NA	91.9

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1346975		4.222	NA	NA	NA	84.4
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	952598		2.273	NA	NA	NA	90.9
	13C4-PFHpA	EIS	6.25	367.0 / 322.0	948501		2.260	NA	NA	NA	90.4
	13C8-PFOA	EIS	7.50	421.0 / 376.0	1332083		2.088	NA	NA	NA	83.5
	13C9-PFNA	EIS	7.95	472.0 / 427.0	621370		1.138	NA	NA	NA	91.0
	13C6-PFDA	EIS	8.17	519.0 / 474.0	601115		1.154	NA	NA	NA	92.3
	13C7-PFUnA	EIS	8.47	570.0 / 525.0	464490		1.102	NA	NA	NA	88.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.90	615.1 / 570.0	349980		1.277	NA	NA	NA	102.1
	13C2-PFTeDA	EIS	9.91	715.1 / 670.1	363930		1.223	NA	NA	NA	97.8
	13C3-PFBS	EIS	5.31	302.1 / 80.1	773617		2.269	NA	NA	NA	97.4
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	597576		2.207	NA	NA	NA	93.1
	13C8-PFOS	EIS	8.27	507.1 / 80.1	620603		2.103	NA	NA	NA	87.8
	13C2-4:2FTS	EIS	5.13	329.1 / 81.1	270927		4.453	NA	NA	NA	94.9
	13C2-6:2FTS	EIS	7.09	429.2 / 81.1	200487		4.497	NA	NA	NA	94.6
	13C2-8:2FTS	EIS	8.07	529.2 / 81.1	271829		4.166	NA	NA	NA	86.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	820090		2.090	NA	NA	NA	83.6
	d3-NMeFOSA	EIS	10.16	515.2 / 219.0	148650		2.250	NA	NA	NA	90.0
	d5-NEtFOSA	EIS	10.37	531.2 / 219.0	142021		2.201	NA	NA	NA	88.0
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	679663		4.551	NA	NA	NA	91.0
	d5-NEtFOSAA	EIS	8.36	589.3 / 419.1	359809		4.585	NA	NA	NA	91.7
	d7-NMeFOSE	EIS	10.07	623.2 / 58.9	1205364		23.629	NA	NA	NA	94.5
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1688762		22.454	NA	NA	NA	89.8

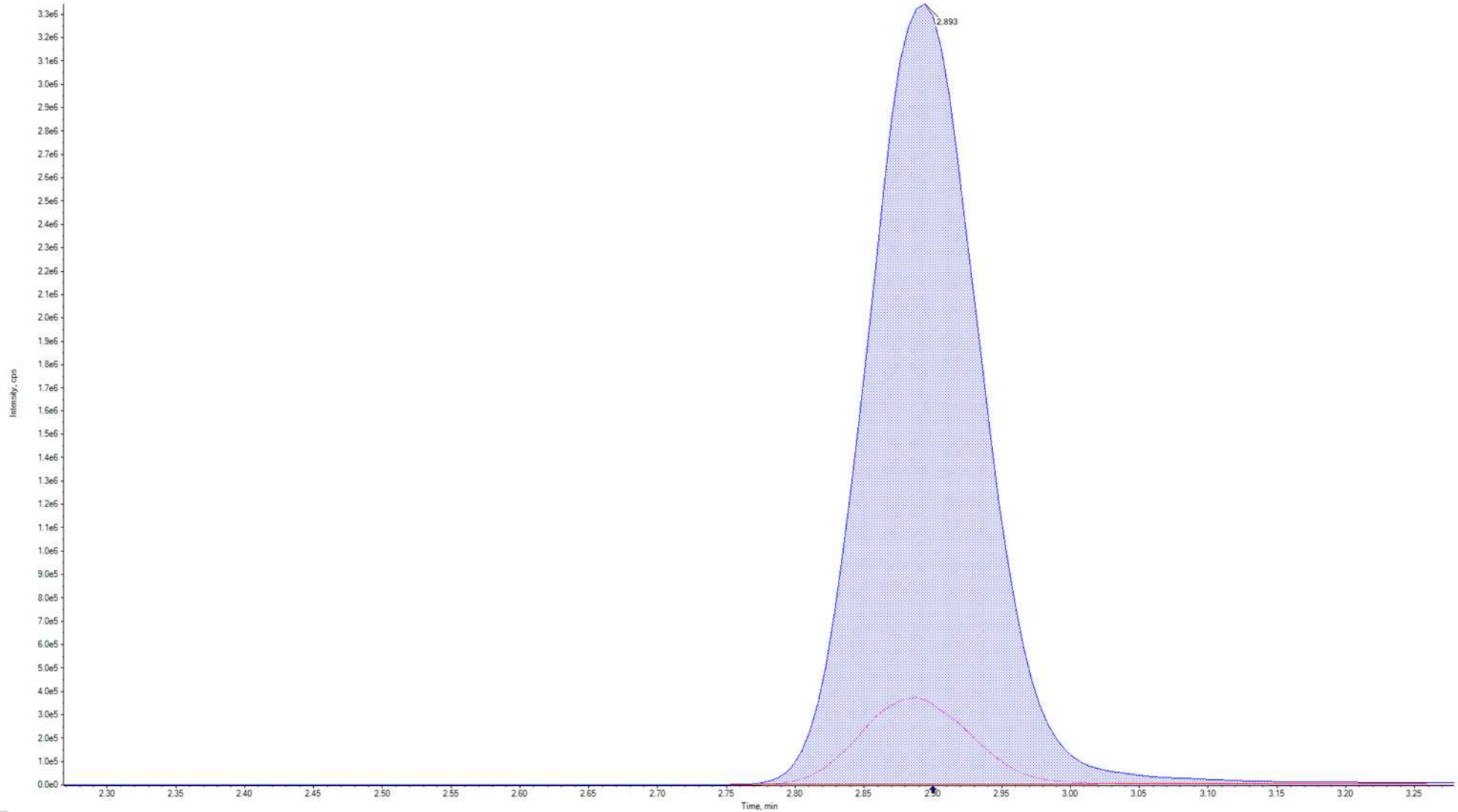
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	13C3-HFPO-DA	EIS	5.60	287.0 / 169.0	2507192		9.027	NA	NA	NA	90.3
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1024381		4.791	NA	NA	NA	95.8
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1244407		2.542	NA	NA	NA	101.7
	13C4-PFOA	NIS	7.50	417.0 / 372.0	834429		2.665	NA	NA	NA	106.6
	13C5-PFNA	NIS	7.94	468.0 / 423.0	665421		1.215	NA	NA	NA	97.2
	13C2-PFDA	NIS	8.17	515.1 / 470.1	611859		1.194	NA	NA	NA	95.5
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	550345		2.349	NA	NA	NA	99.1
	13C4-PFOS	NIS	8.27	503.1 / 80.1	522110		2.480	NA	NA	NA	103.5

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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

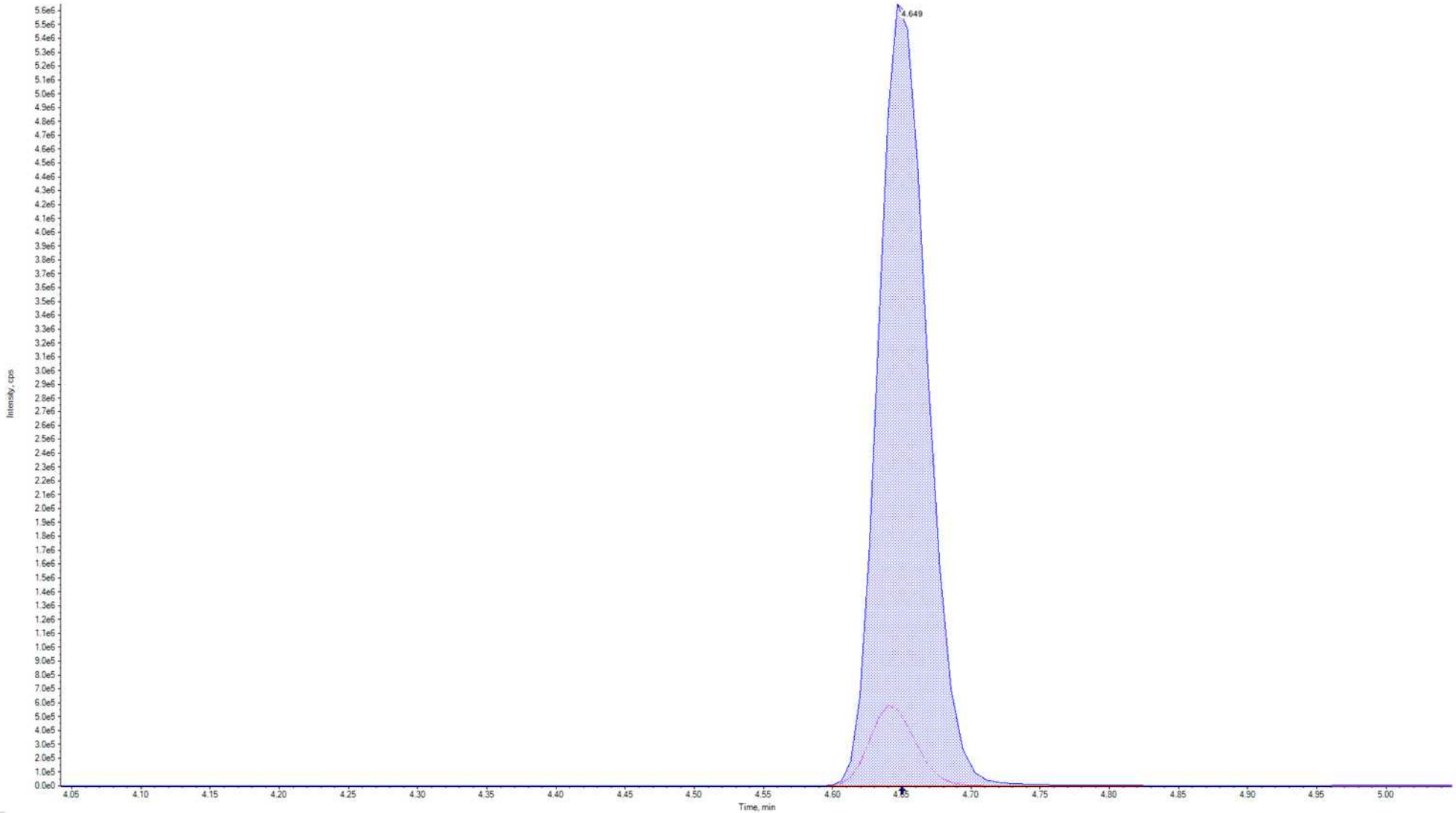
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PFBA
Sample: IA1633STD-25 S/N:6259.0 Points Across peak:82



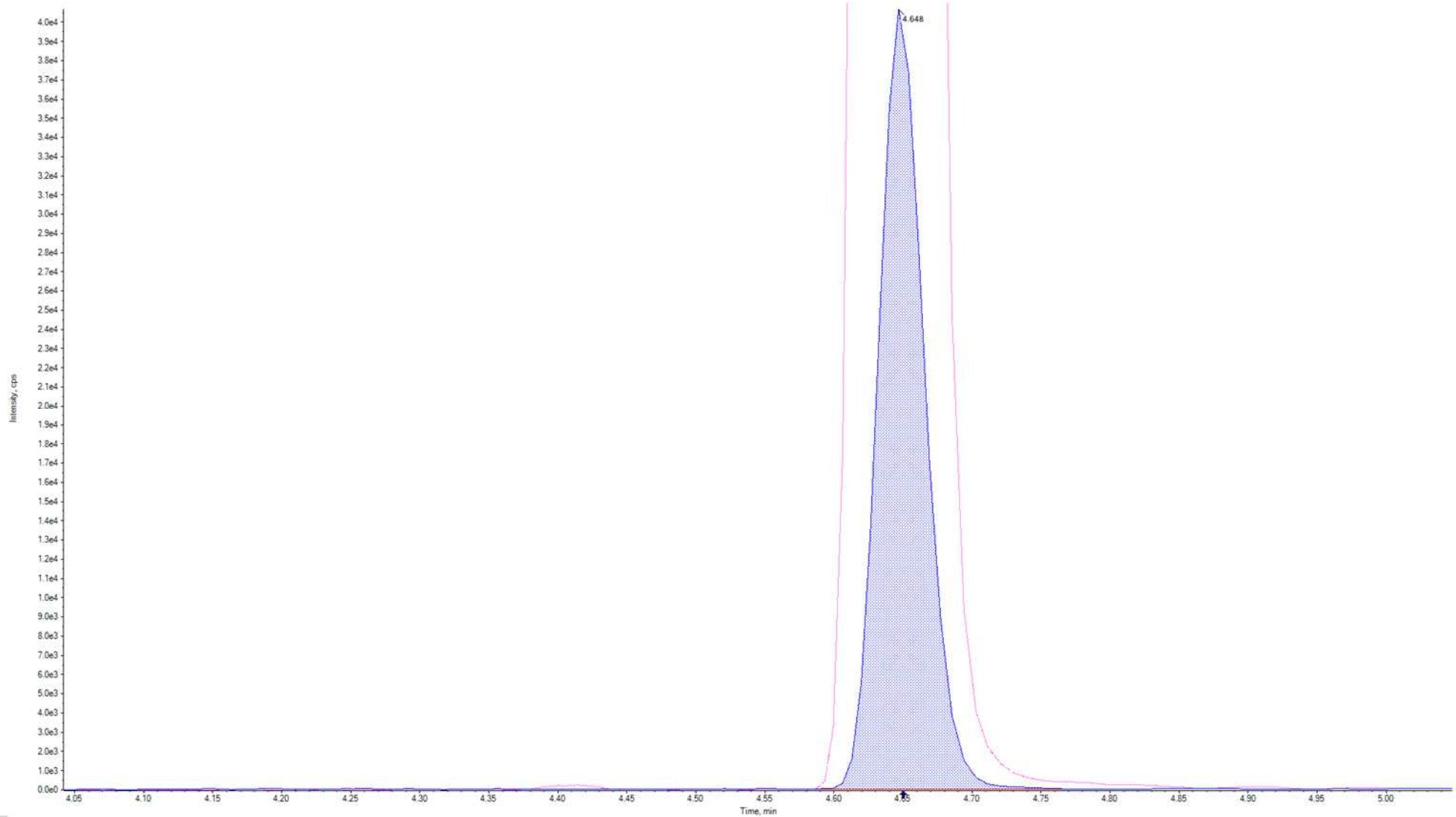
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PFPeA
Sample: IA1633STD-25 S/N:8592.8 Points Across peak:45



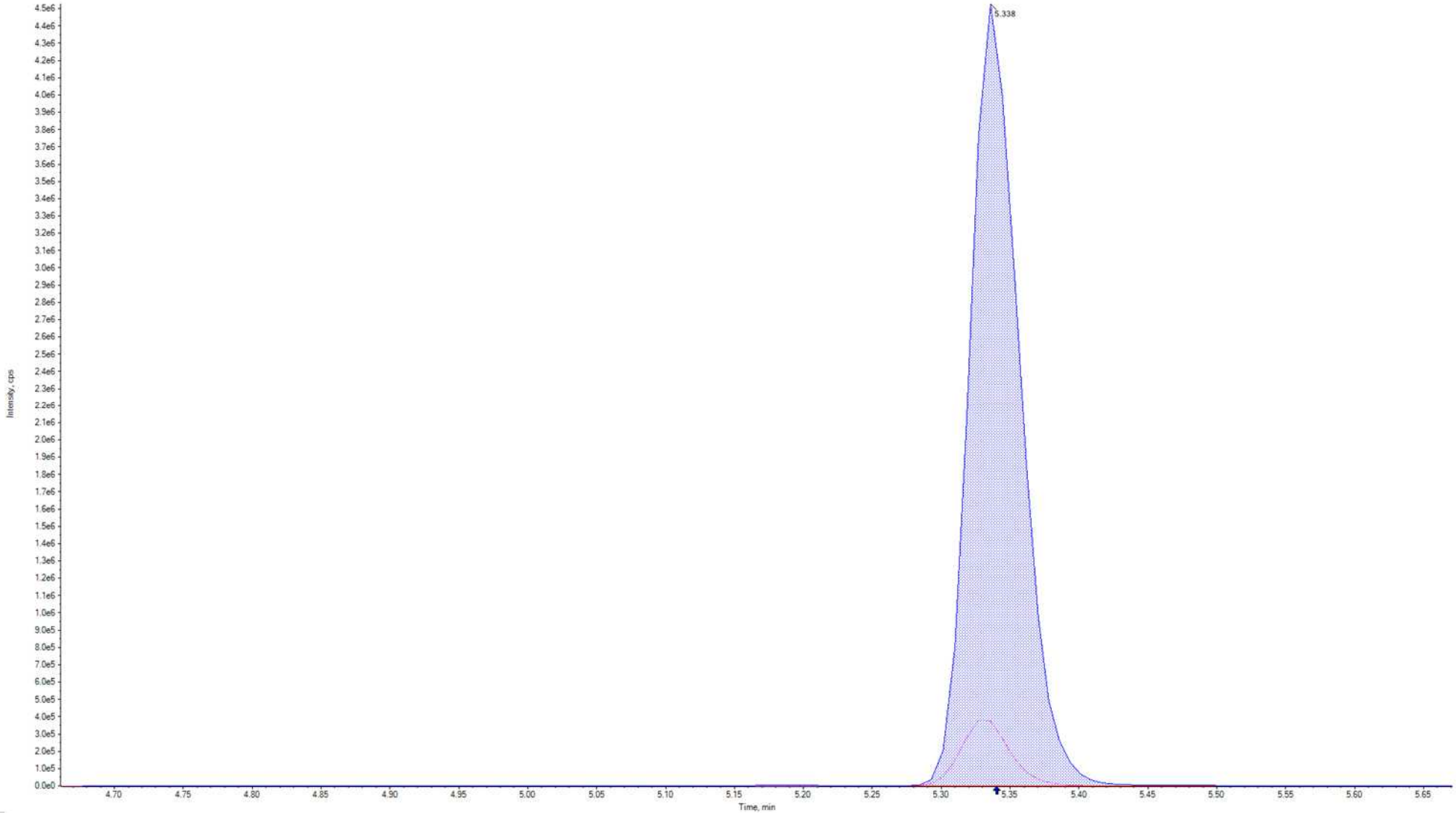
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PFPeA_2
Sample: IA1633STD-25 S/N:2353.3 Points Across peak:31



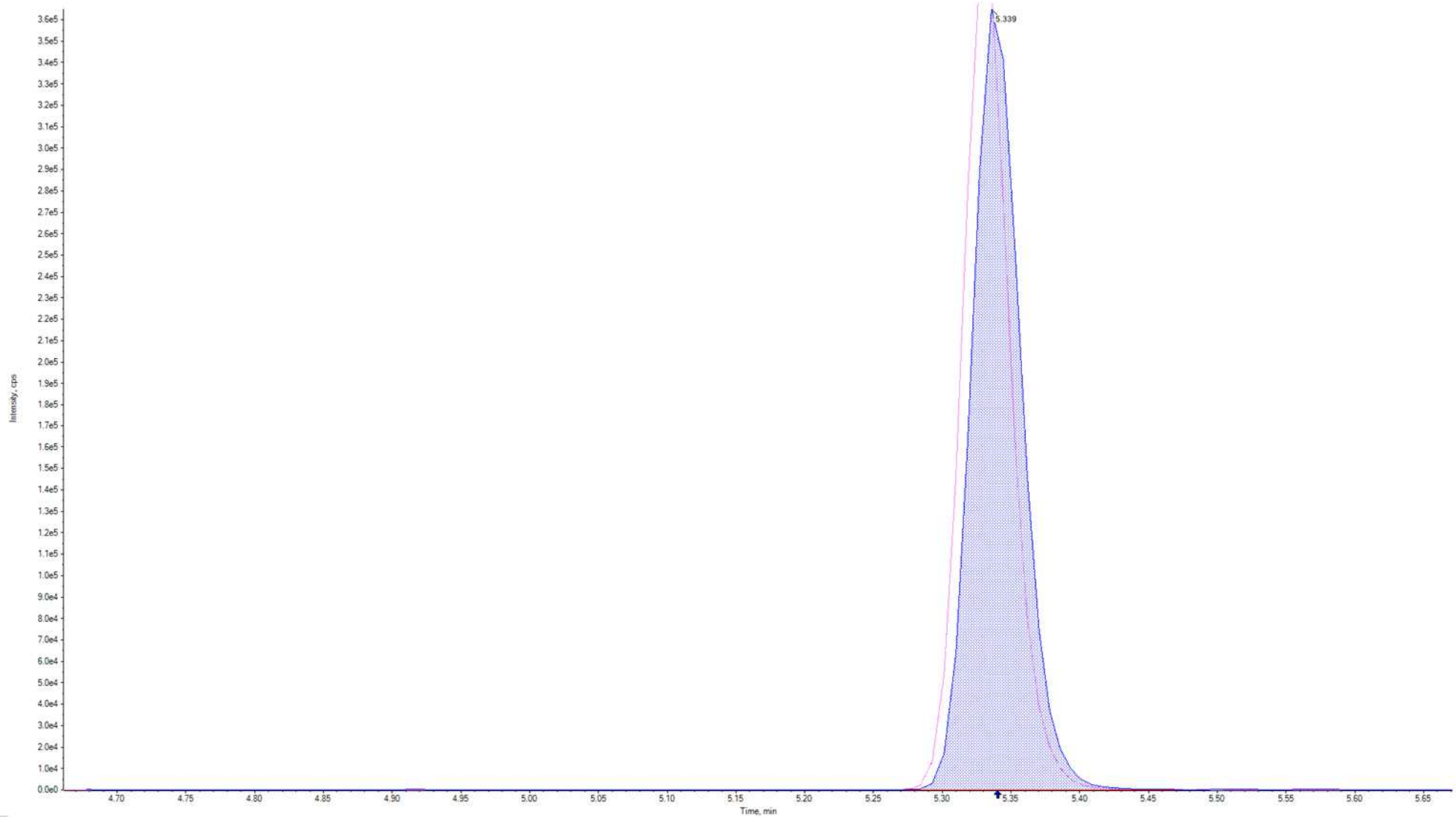
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PFHxA
Sample: IA1633STD-25 S/N:4198.8 Points Across peak:45



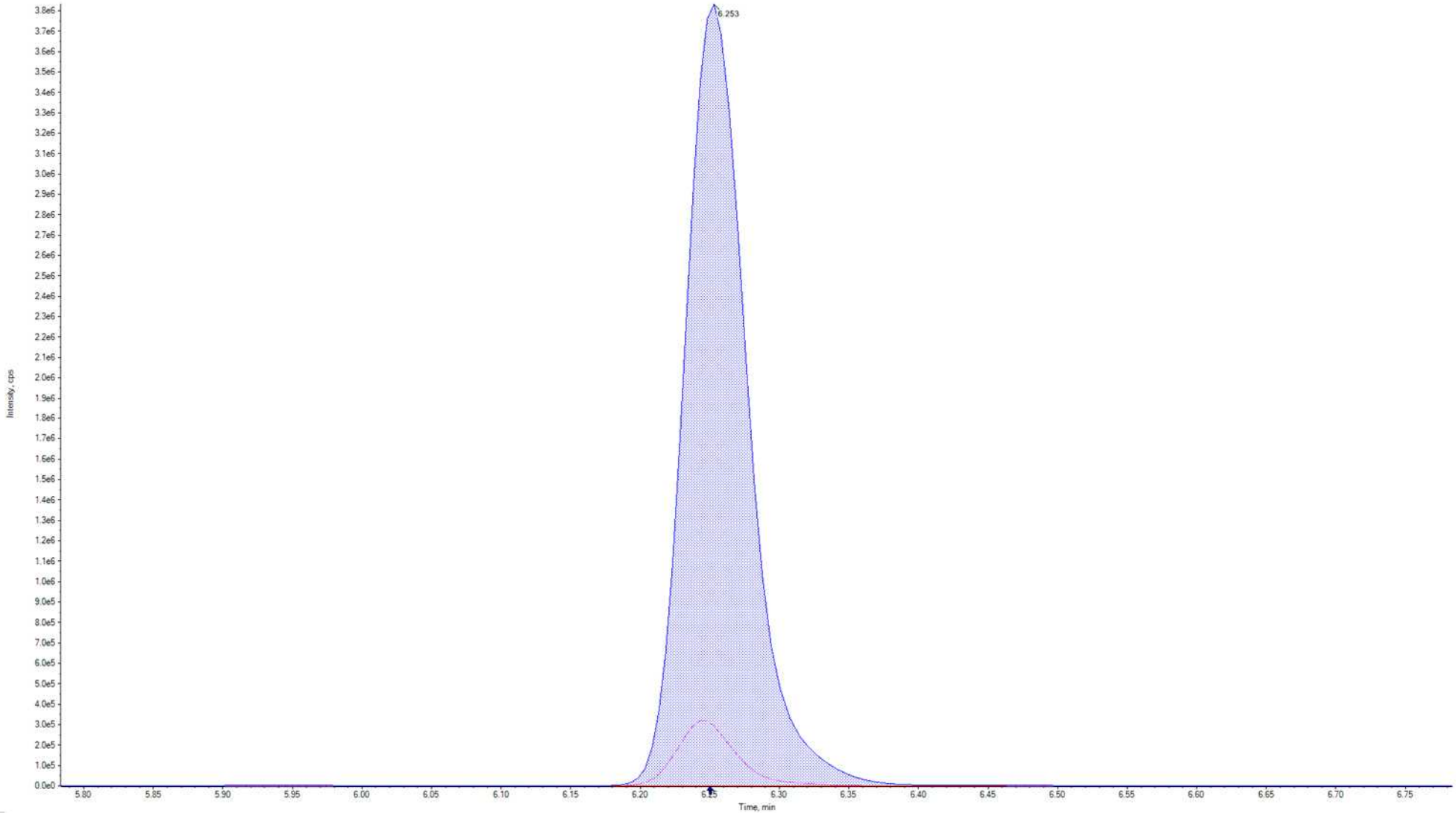
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PFHxA_2
Sample: IA1633STD-25 S/N:10463.5 Points Across peak:29



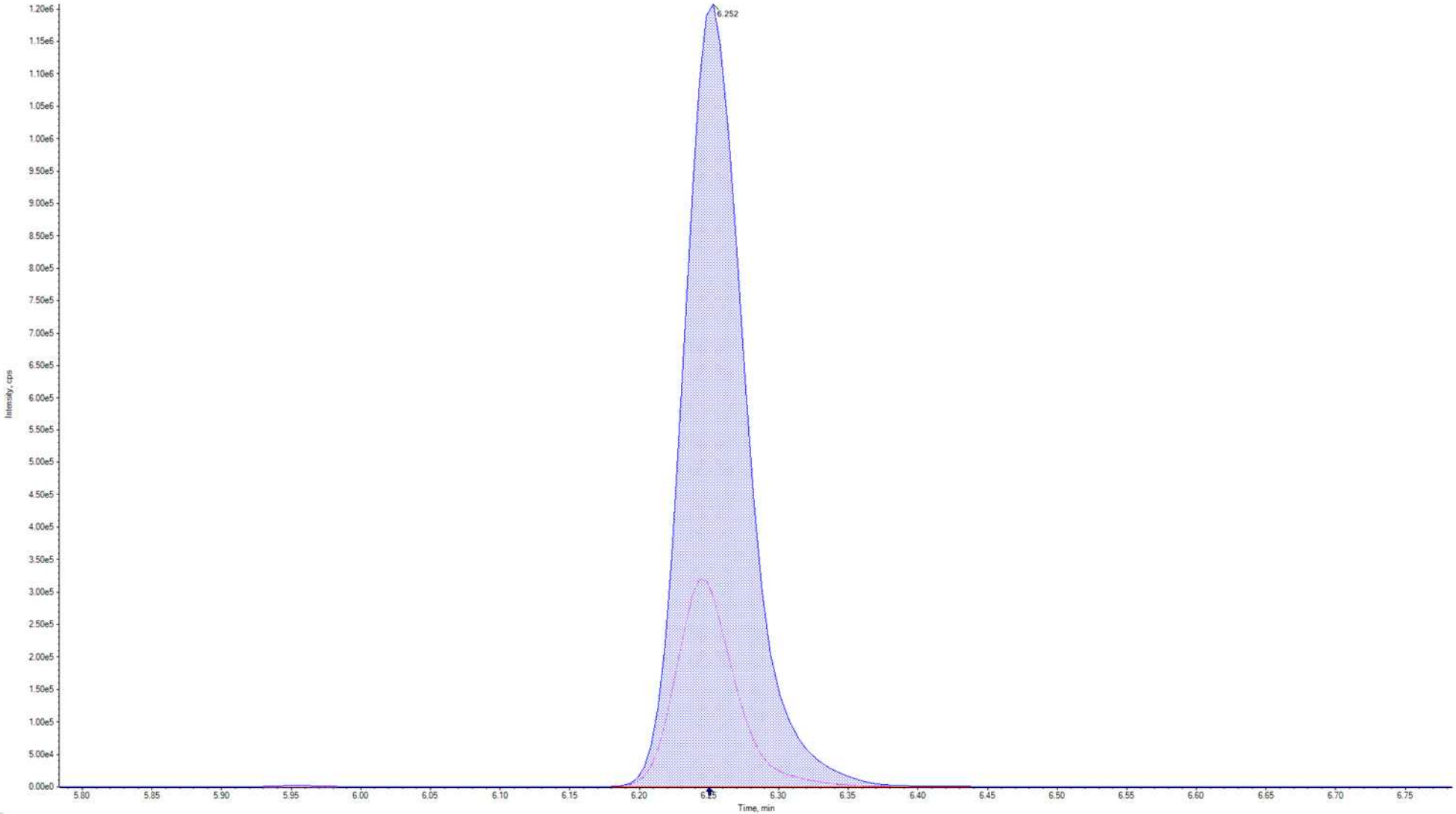
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpA
Sample: IA1633STD-25 S/N:6435.5 Points Across peak:53



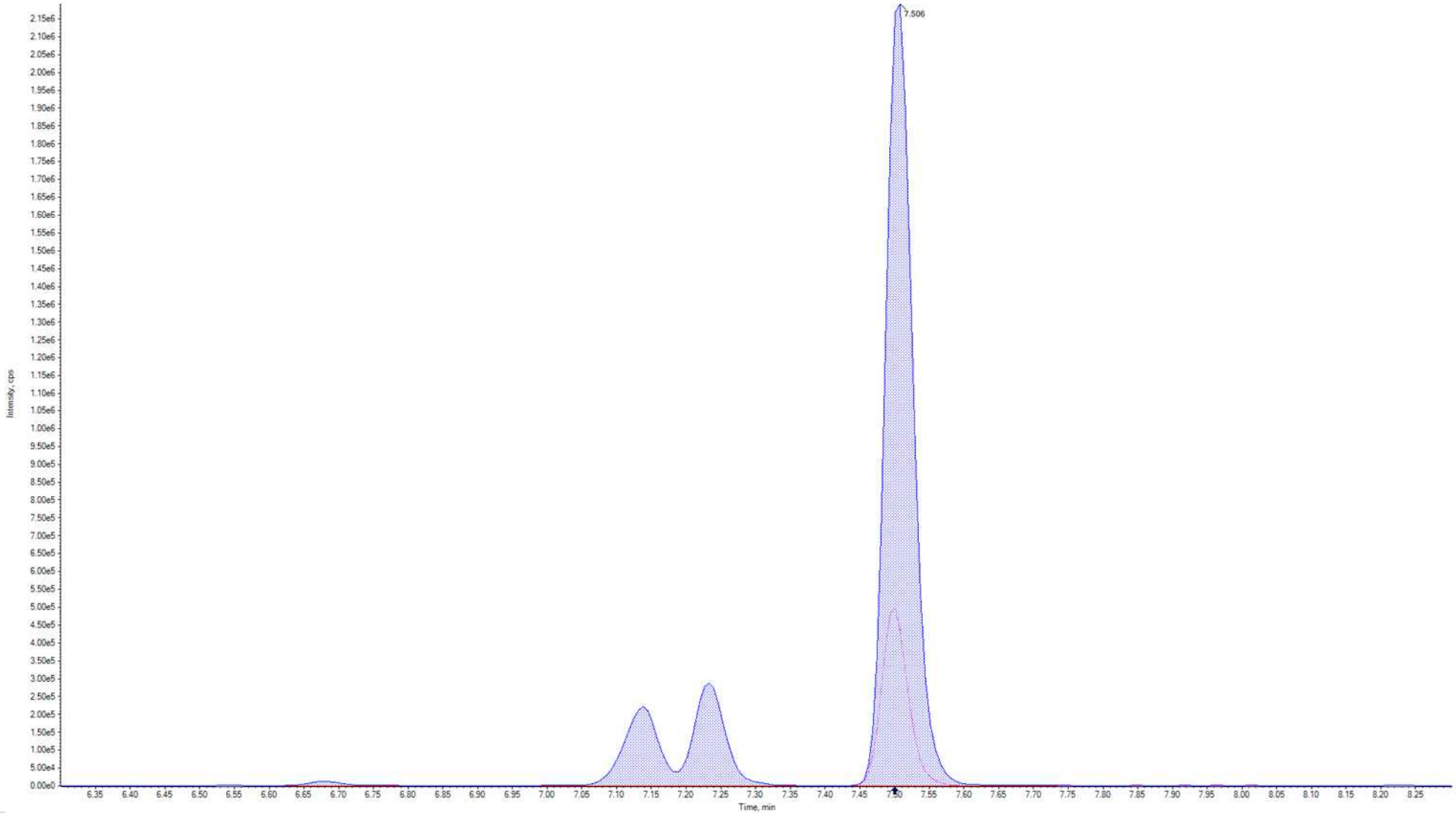
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpA_2
Sample: IA1633STD-25 S/N:16030.8 Points Across peak:53



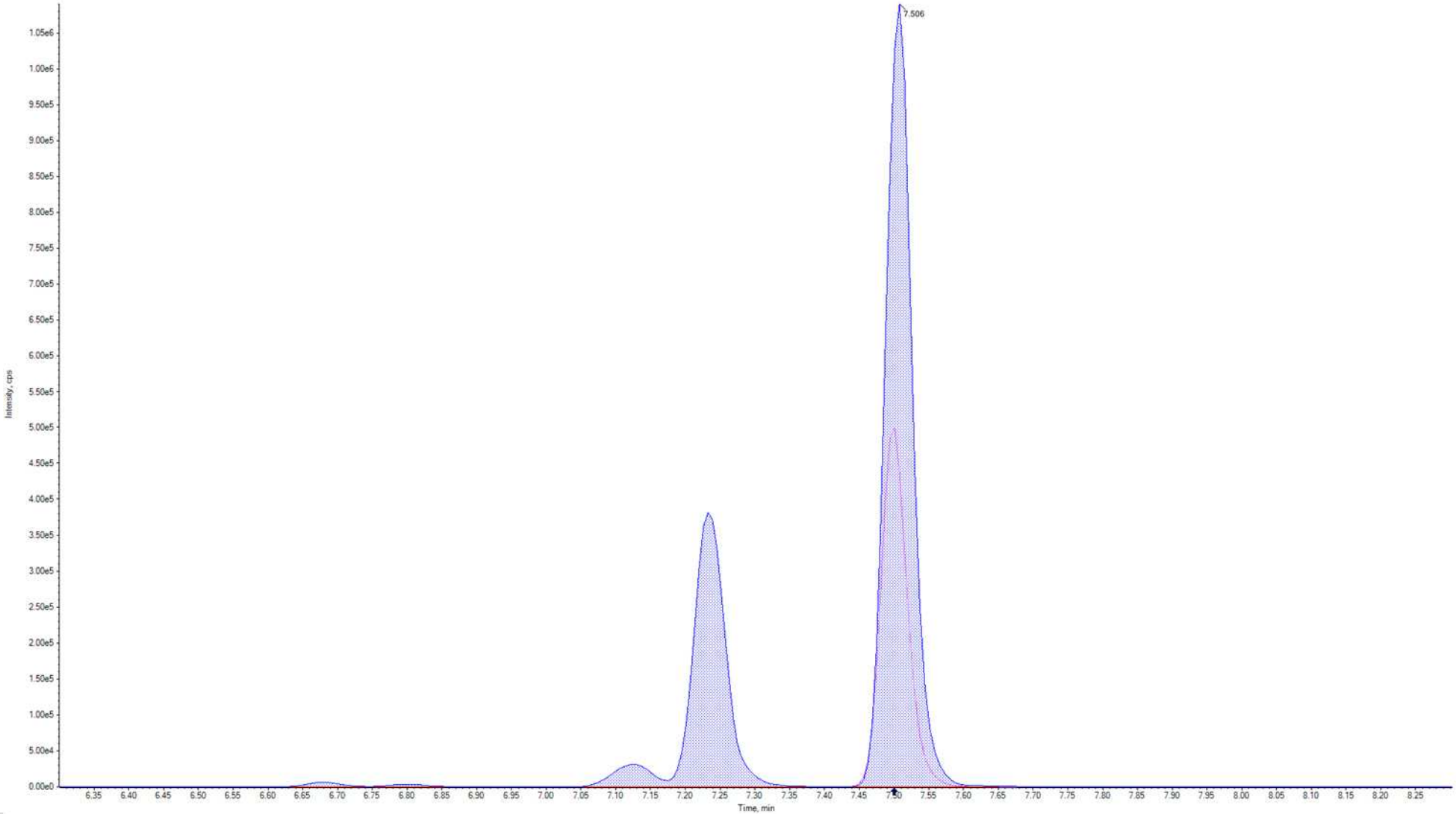
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOA
Sample: IA1633STD-25 S/N:4786.8 Points Across peak:172



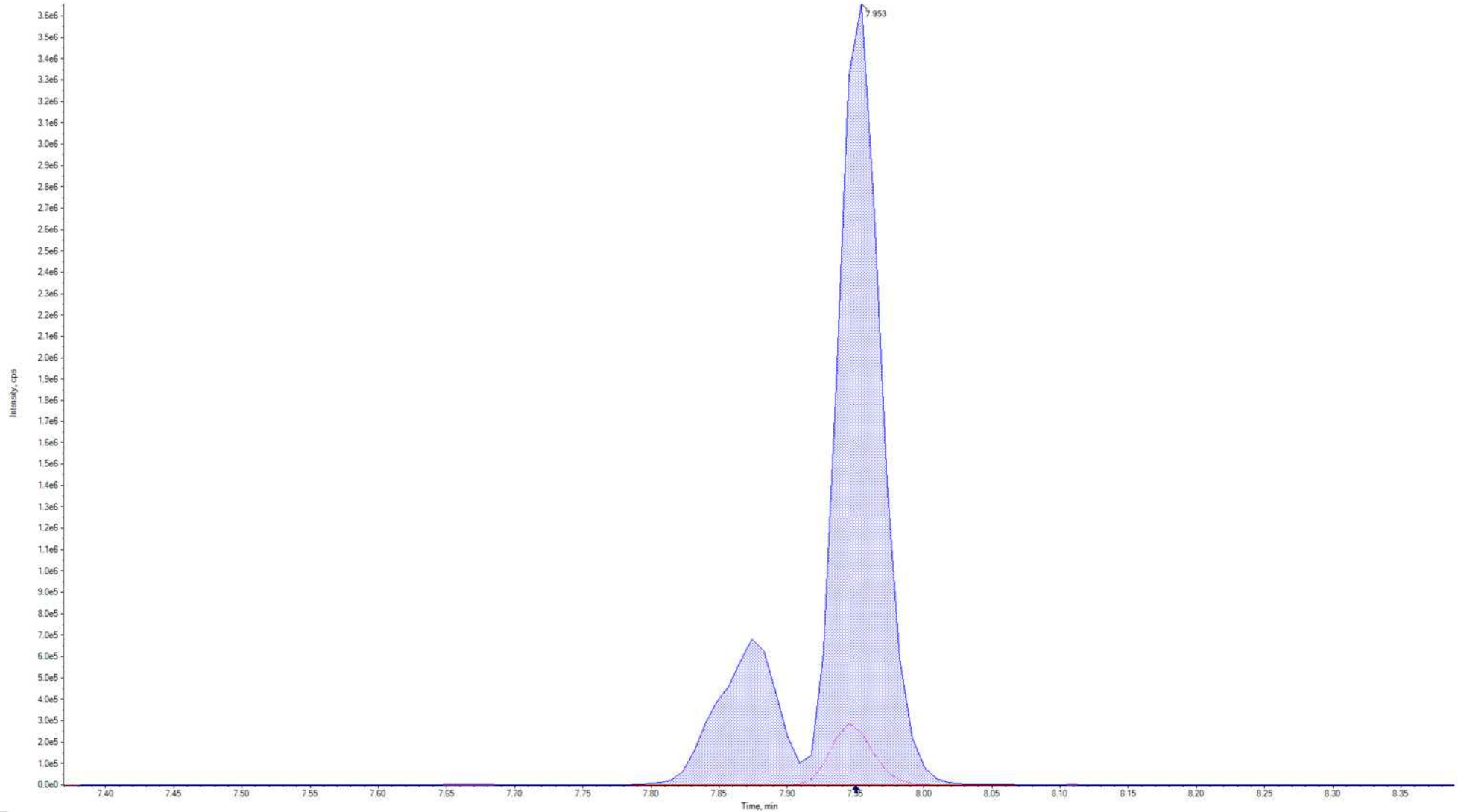
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOA_2
Sample: IA1633STD-25 S/N:5638109.1 Points Across peak:160



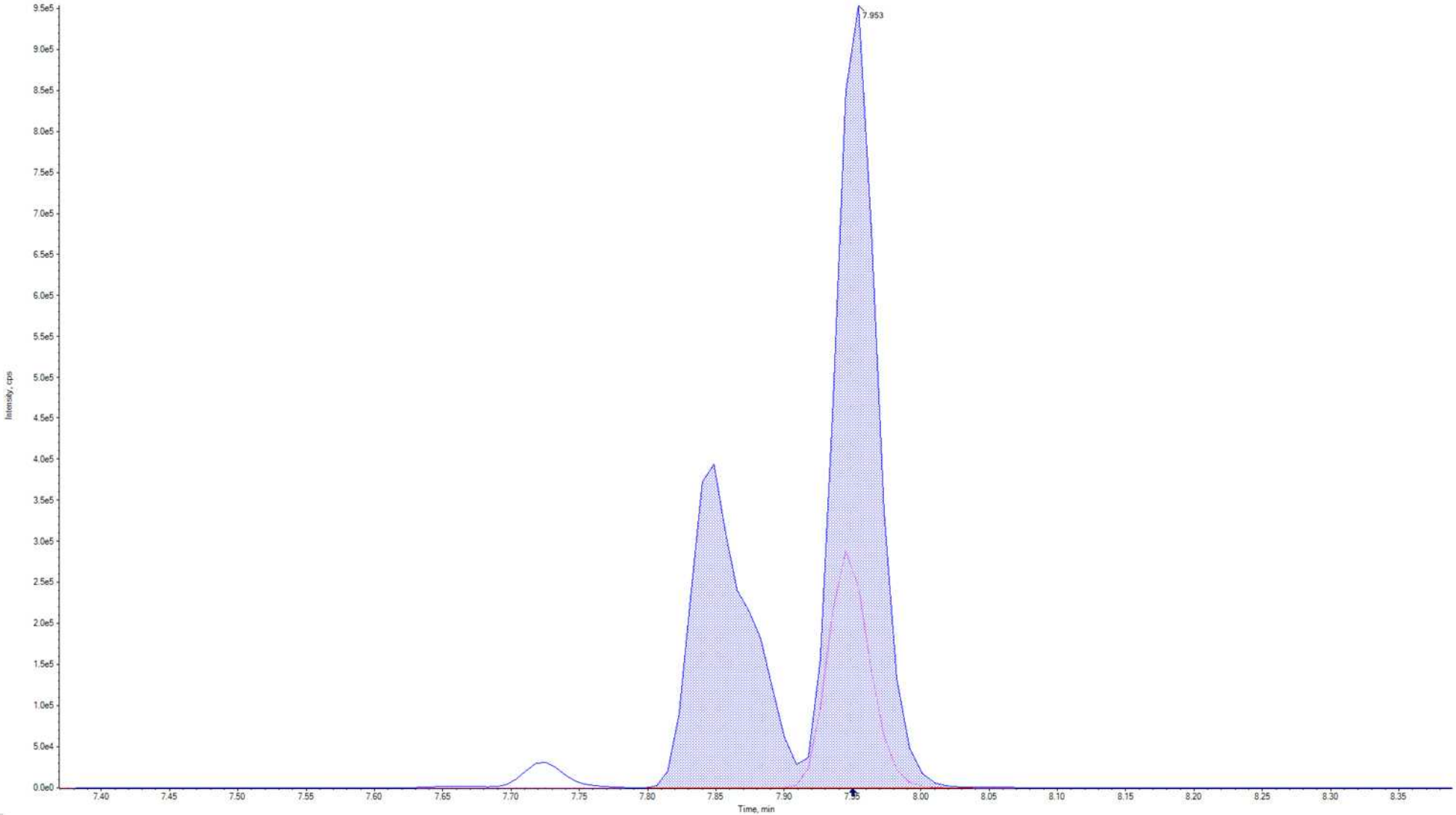
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNA
Sample: IA1633STD-25 S/N:5226.4 Points Across peak:38



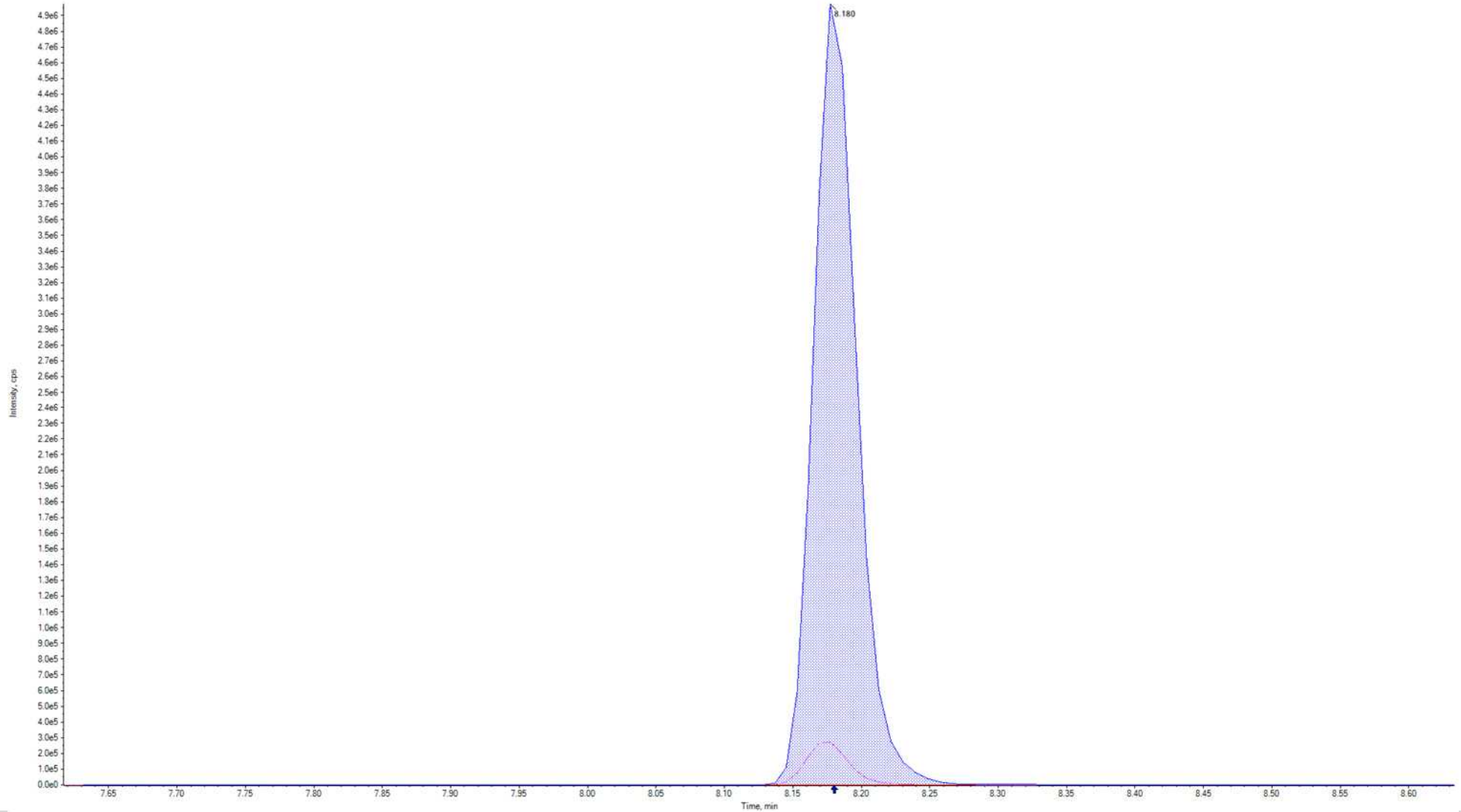
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNA_2
Sample: IA1633STD-25 S/N:1857.5 Points Across peak:30



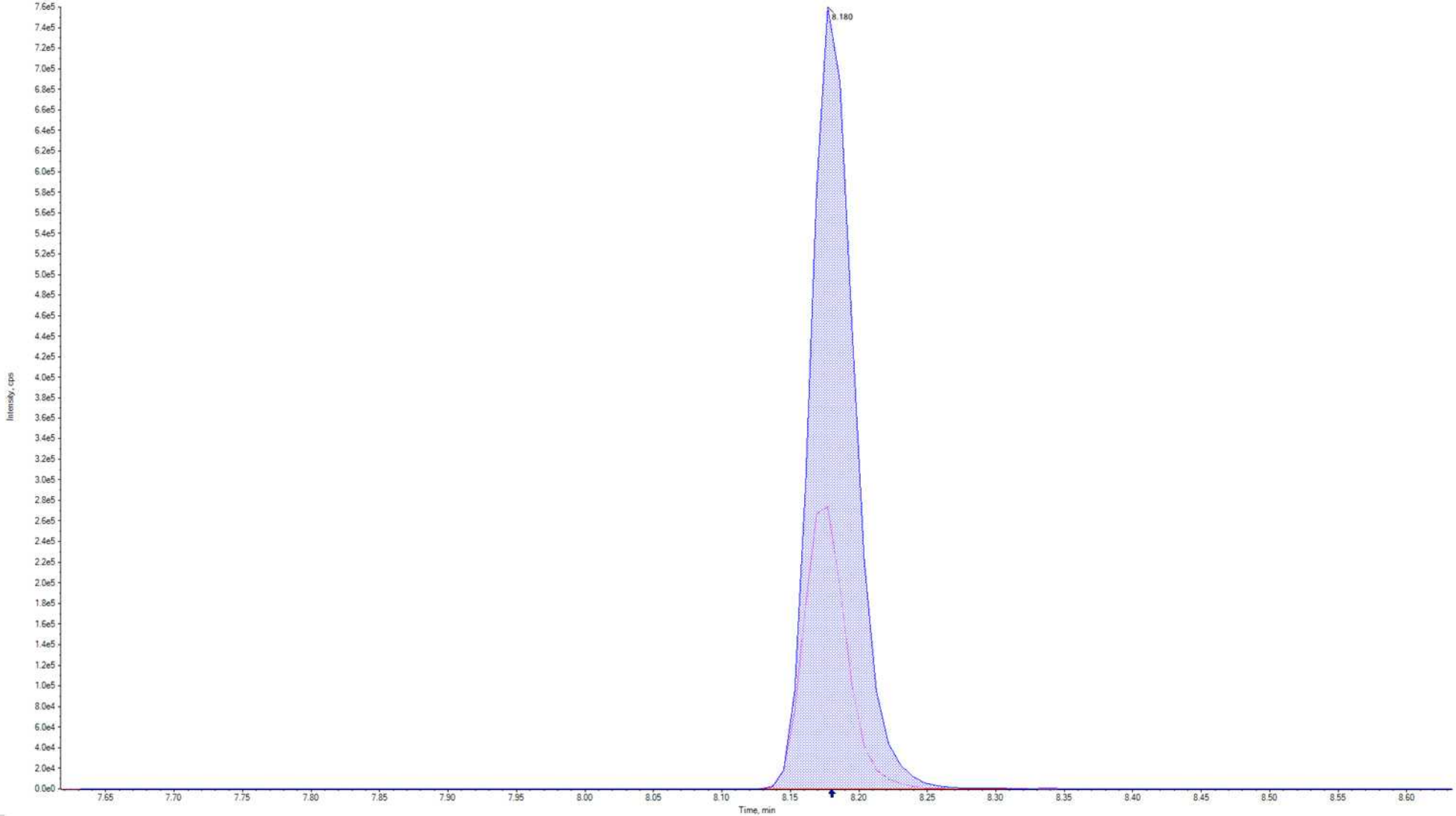
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDA
Sample: IA1633STD-25 S/N:7896.1 Points Across peak:20



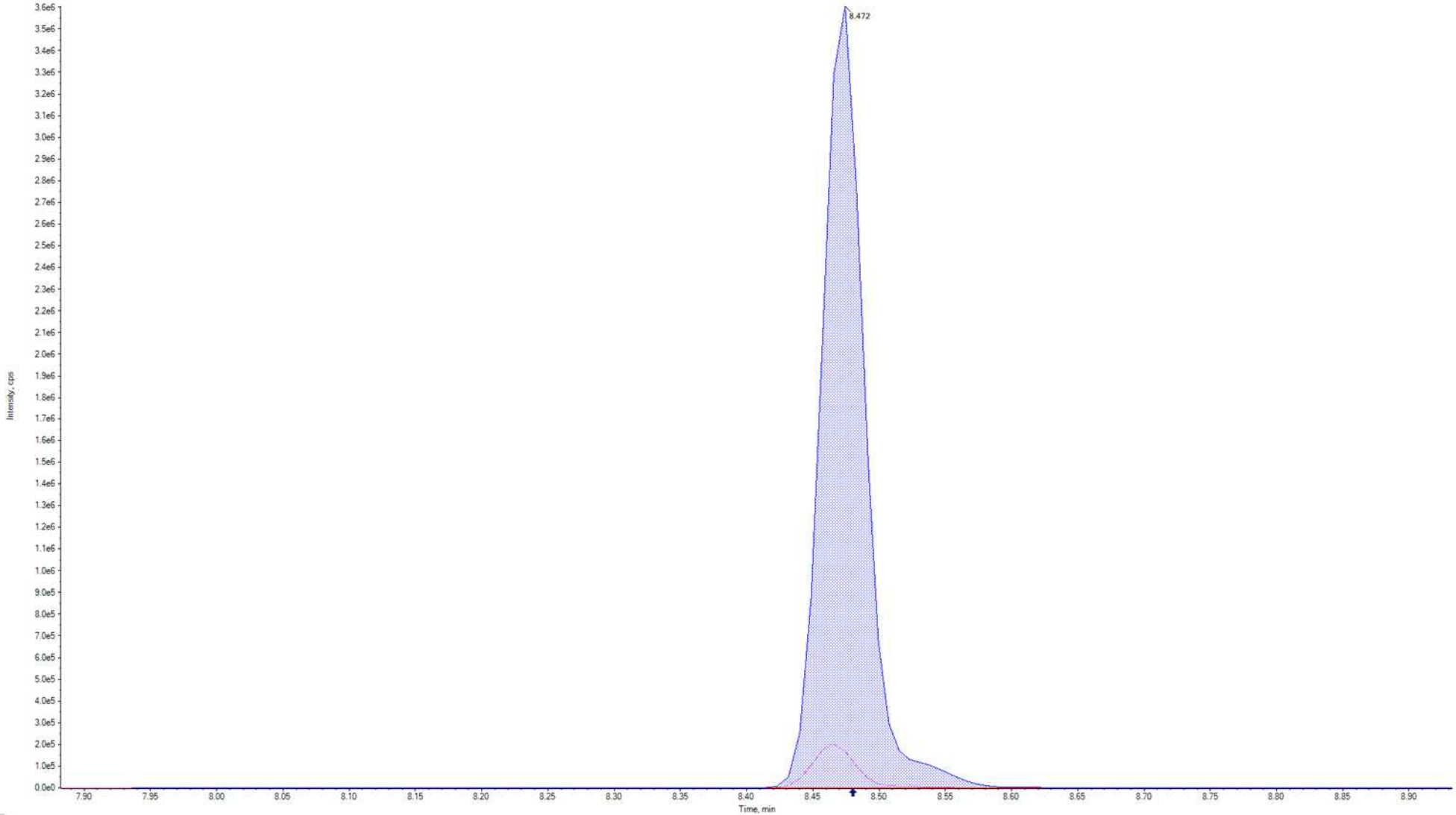
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDA_2
Sample: IA1633STD-25 S/N:1080483.1 Points Across peak:28



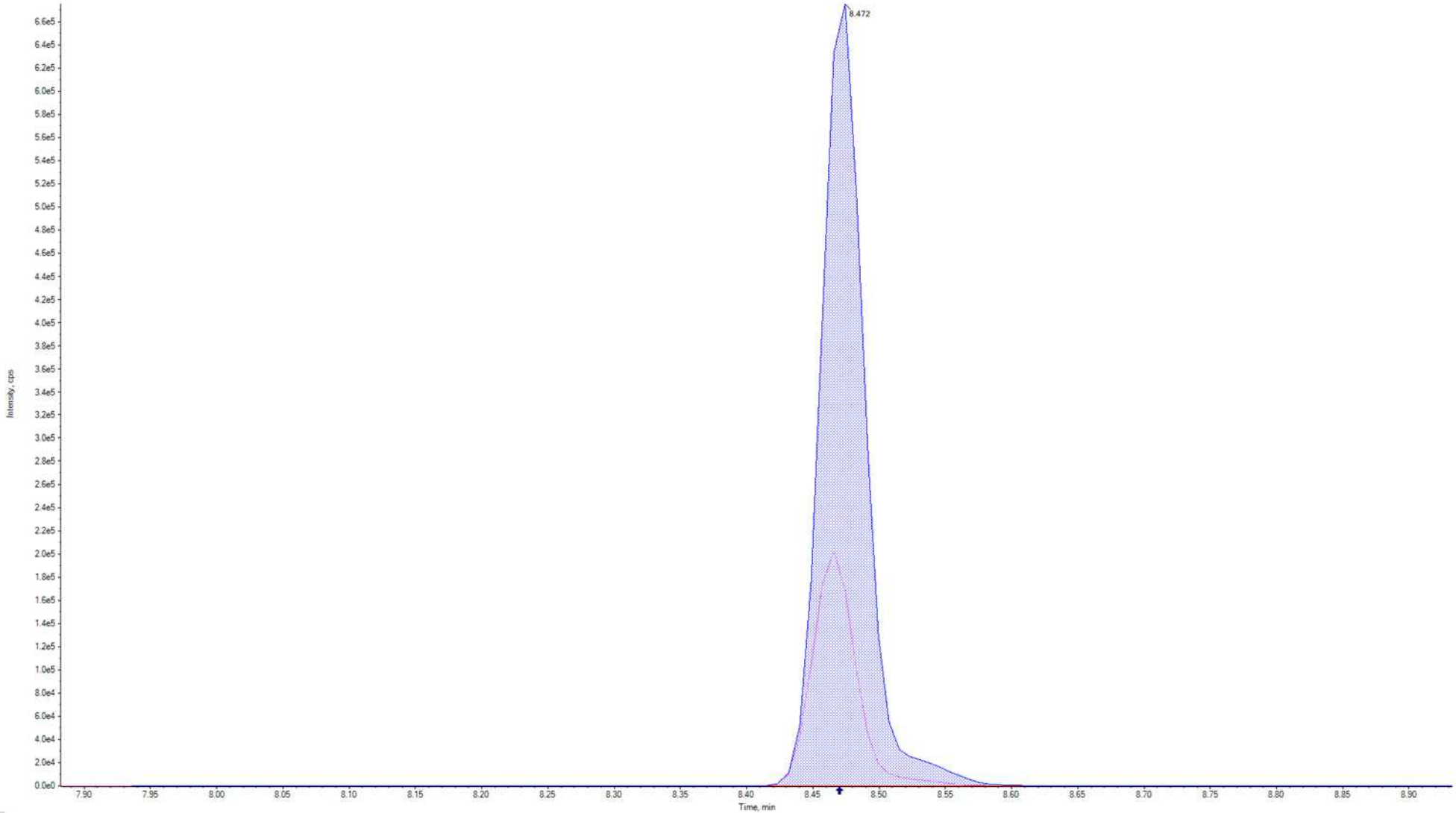
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA
Sample: IA1633STD-25 S/N:6315.1 Points Across peak:33



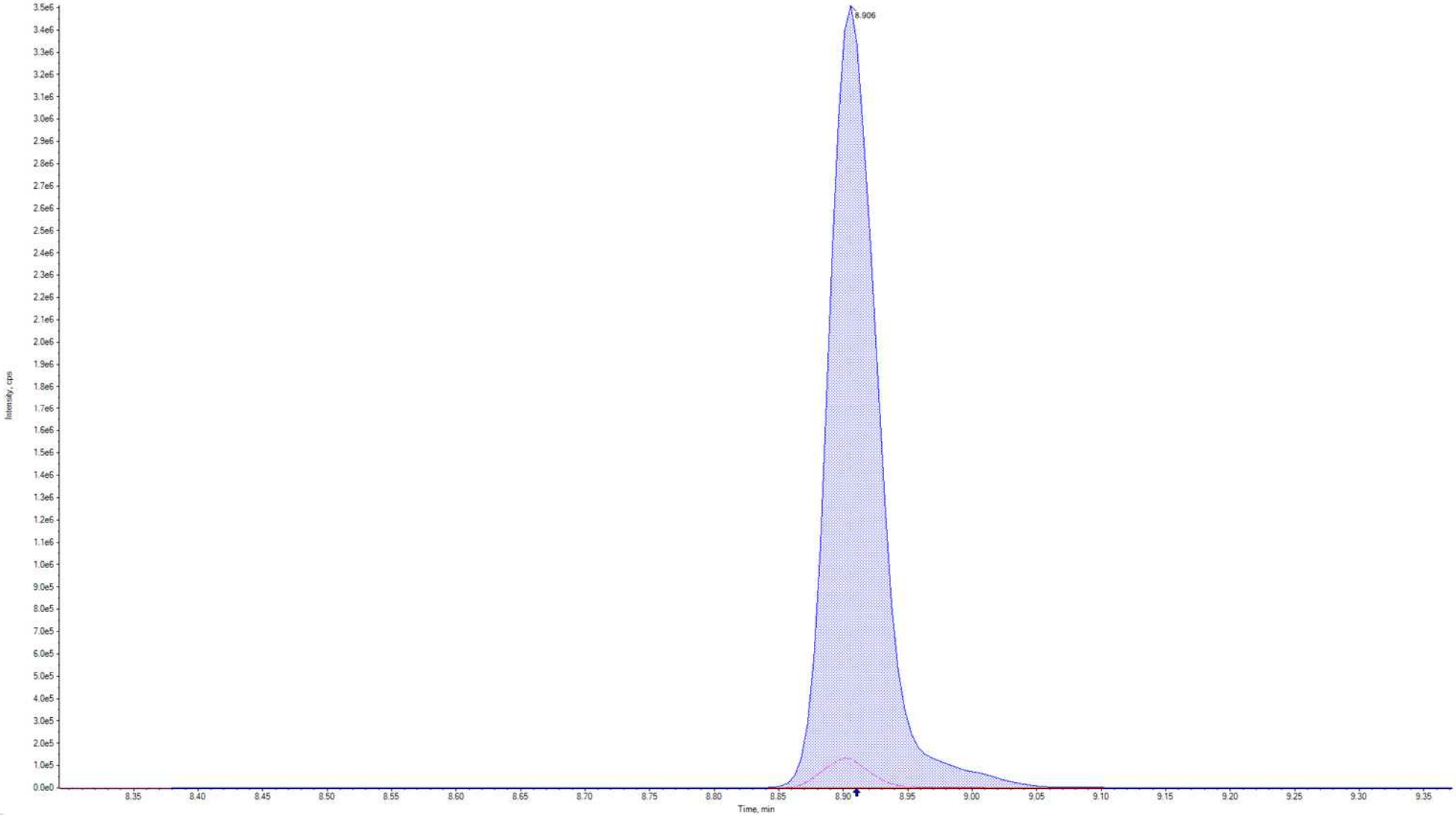
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA_2
Sample: IA1633STD-25 S/N:60228.2 Points Across peak:29



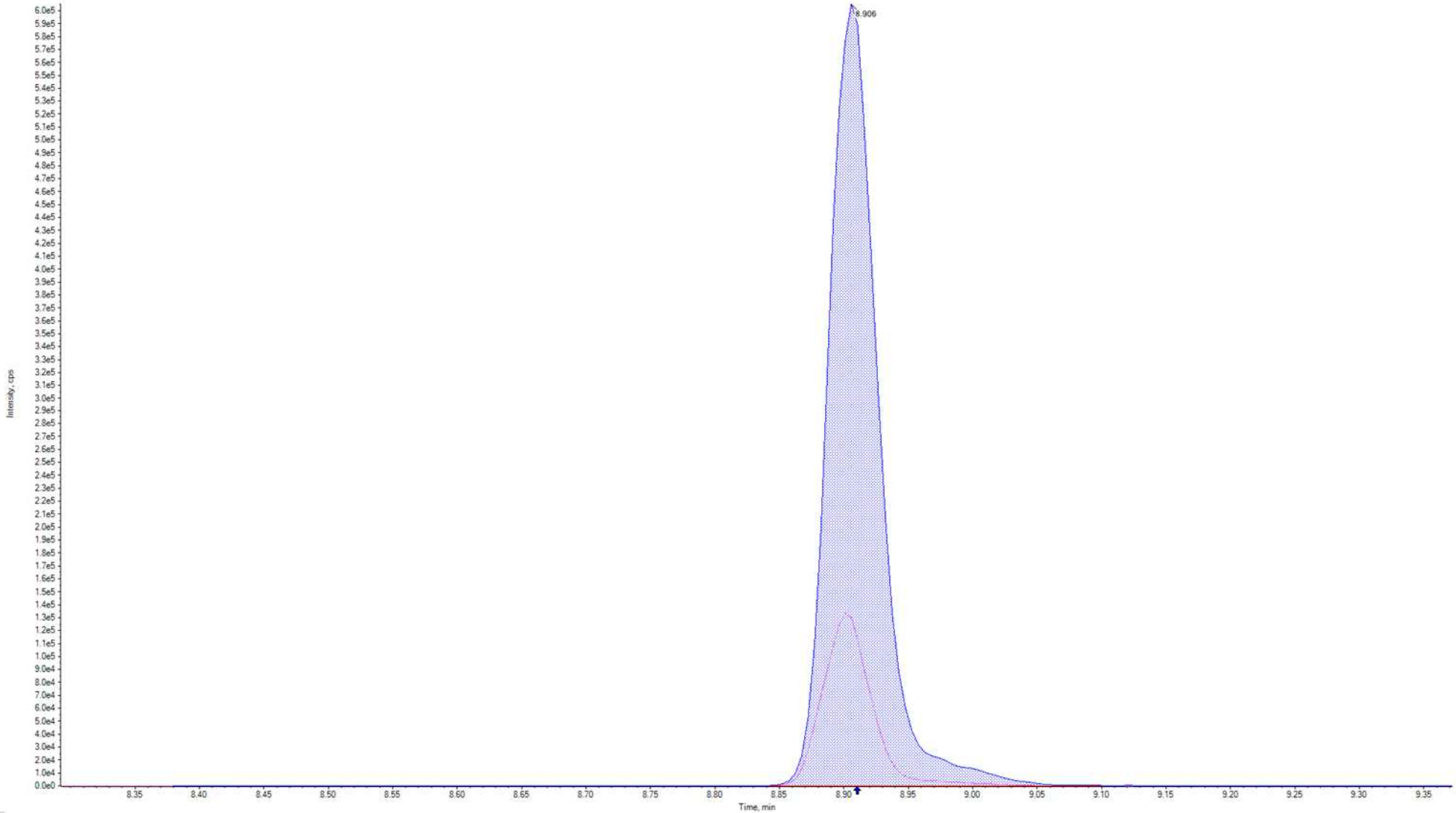
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA
Sample: IA1633STD-25 S/N:11450.8 Points Across peak:65



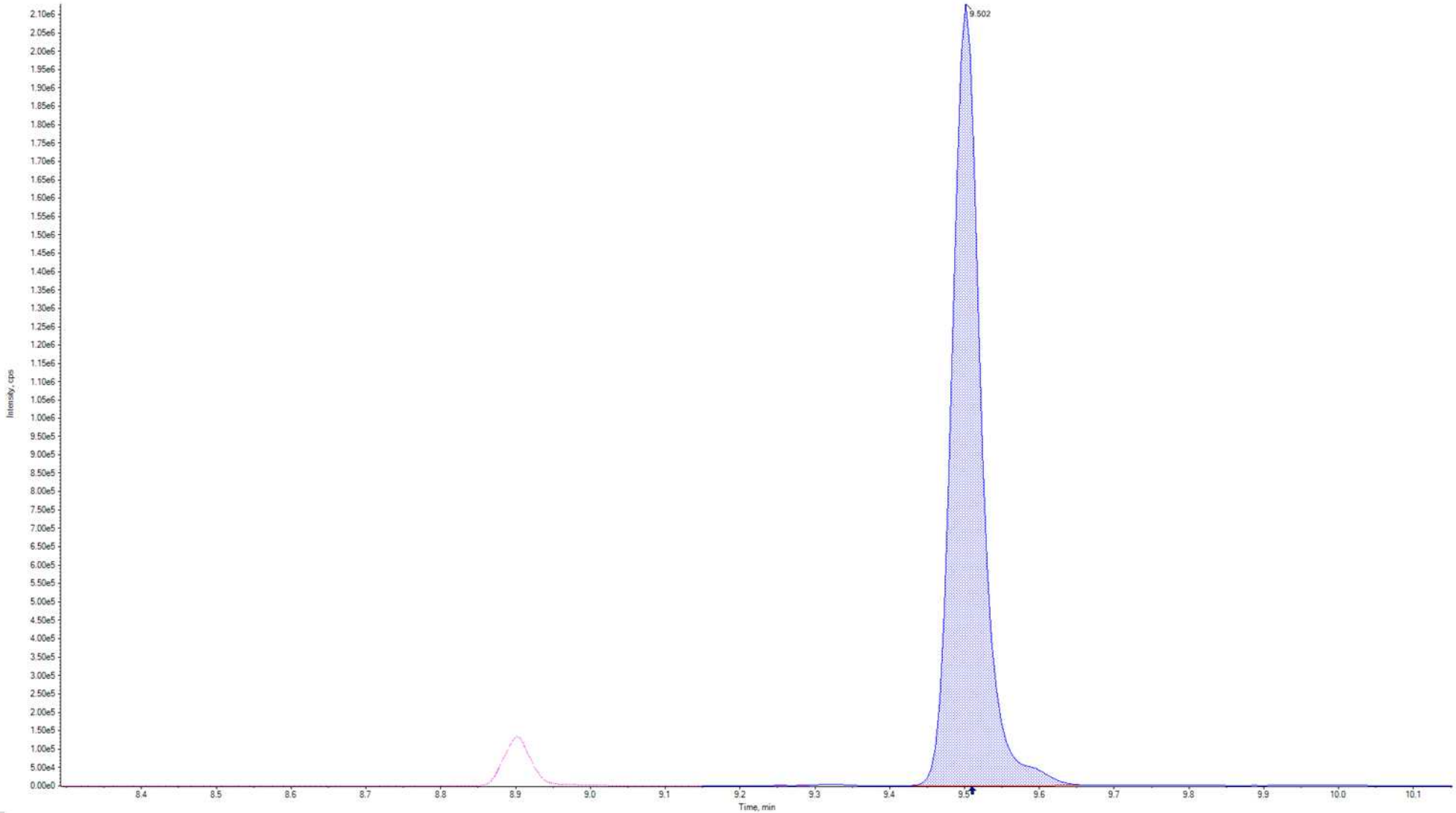
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA_2
Sample: IA1633STD-25 S/N:117867.6 Points Across peak:62



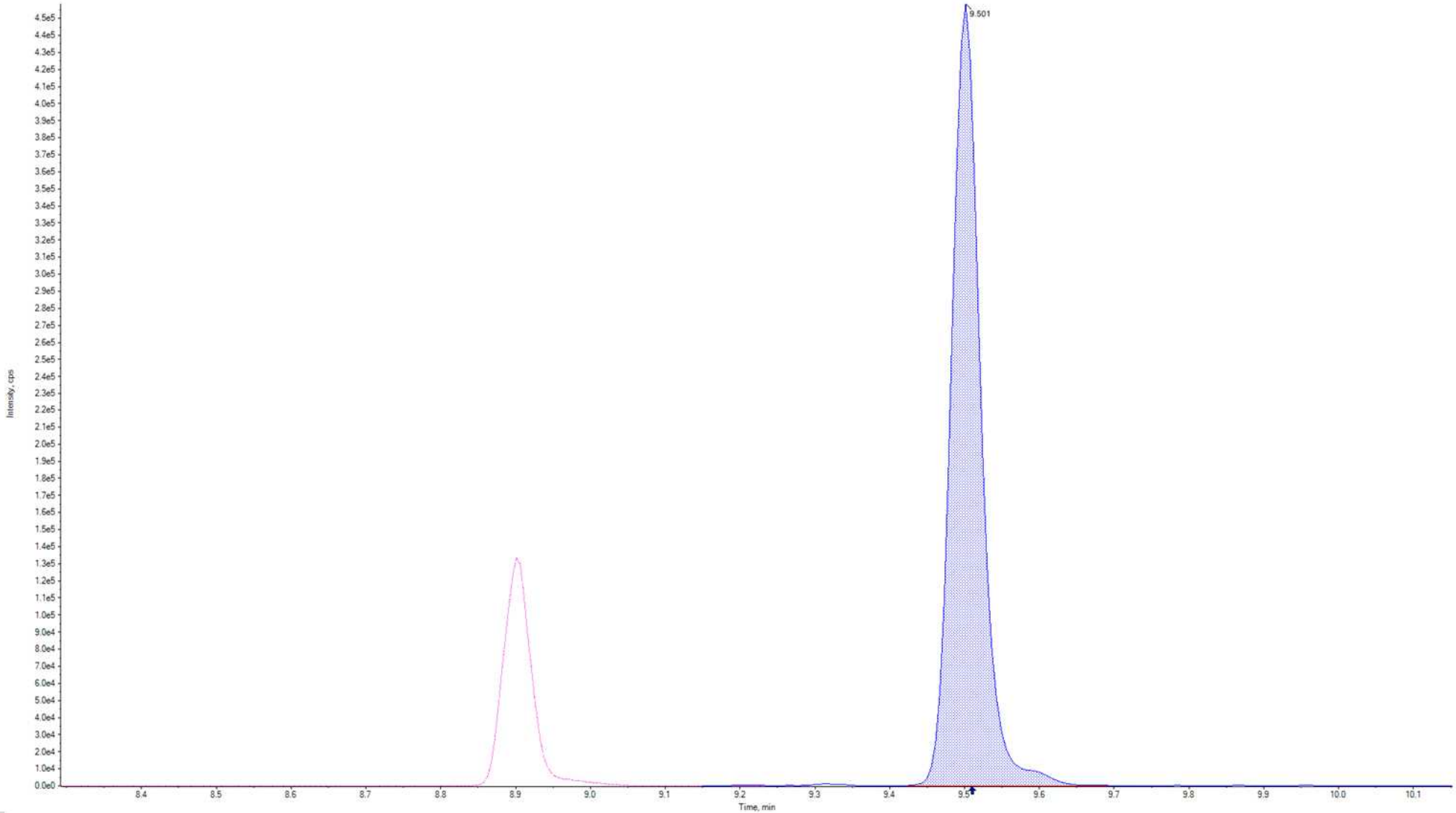
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTrDA
Sample: IA1633STD-25 S/N:4417.4 Points Across peak:52



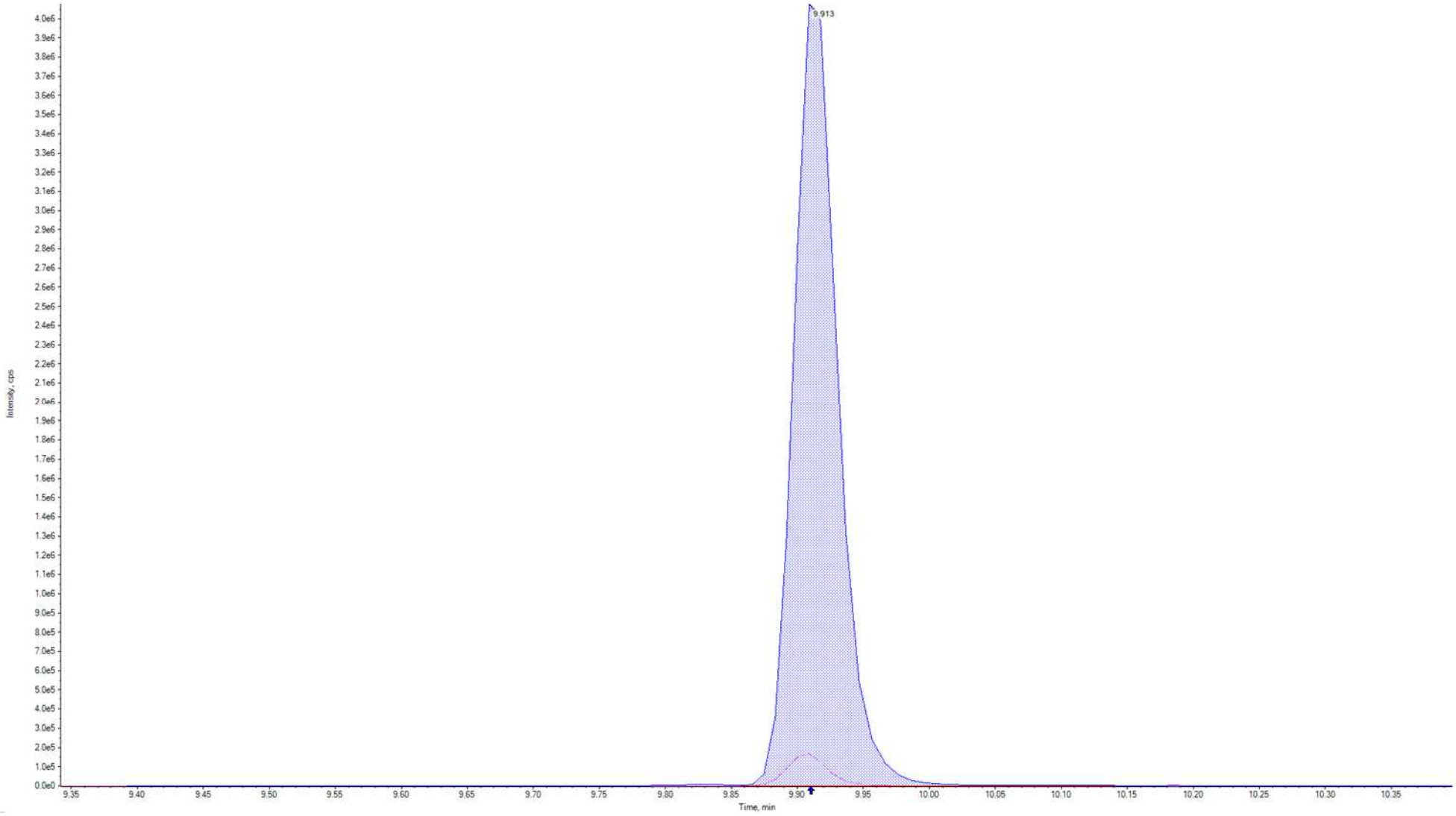
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTrDA_2
Sample: IA1633STD-25 S/N:22800.3 Points Across peak:50



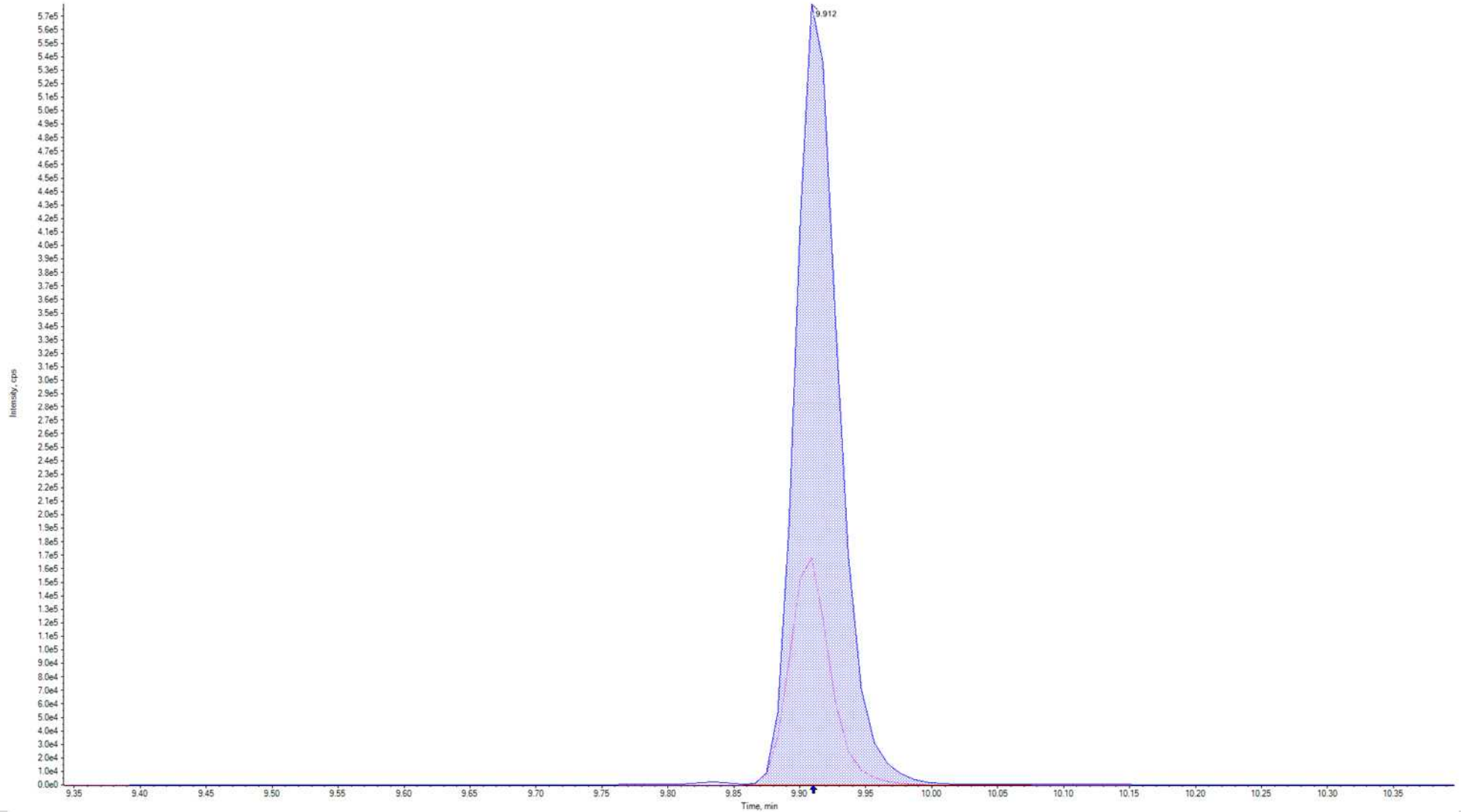
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTeDA
Sample: IA1633STD-25 S/N:6582.8 Points Across peak:31



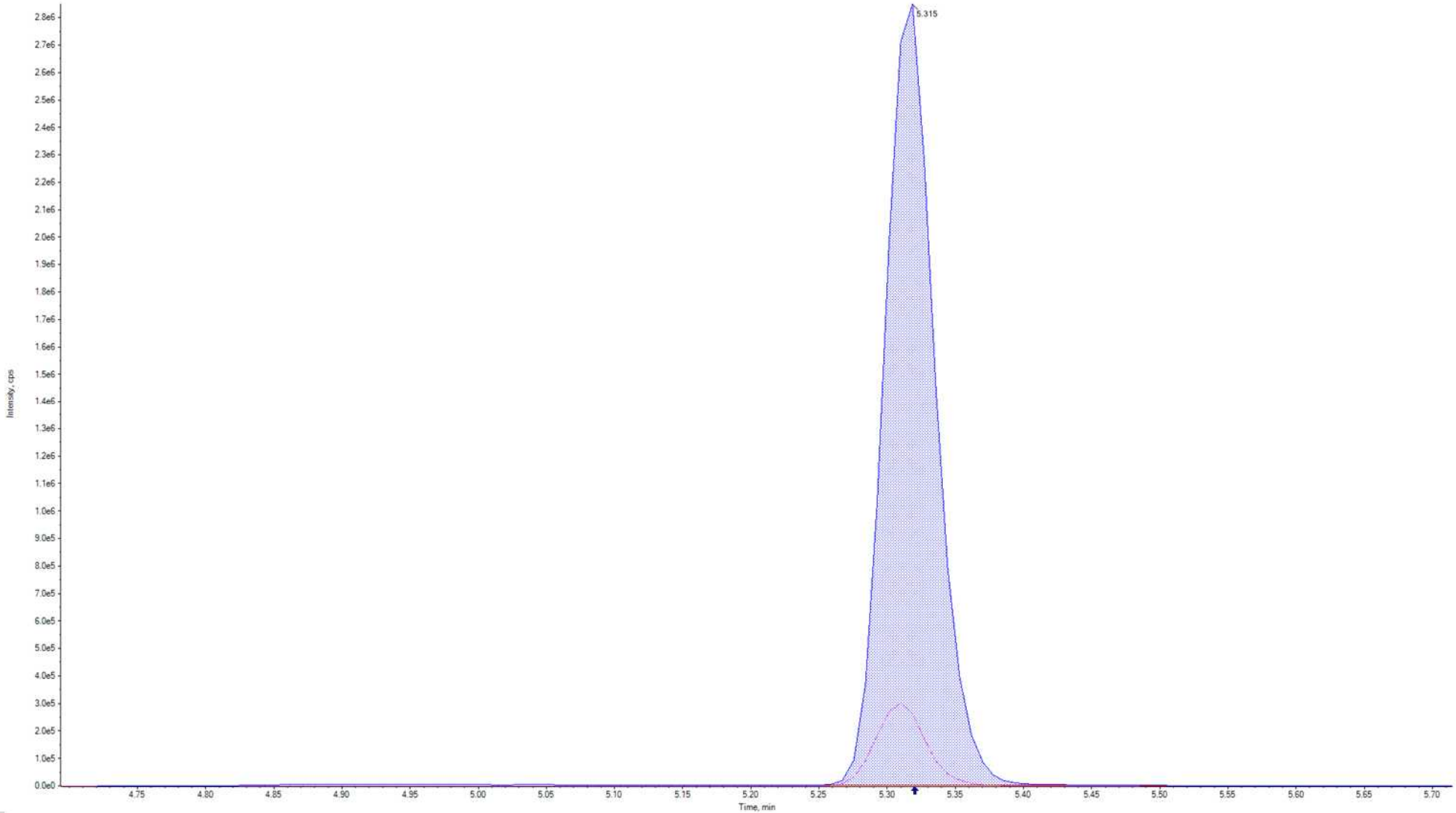
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTeDA_2
Sample: IA1633STD-25 S/N:23290333.3 Points Across peak:24



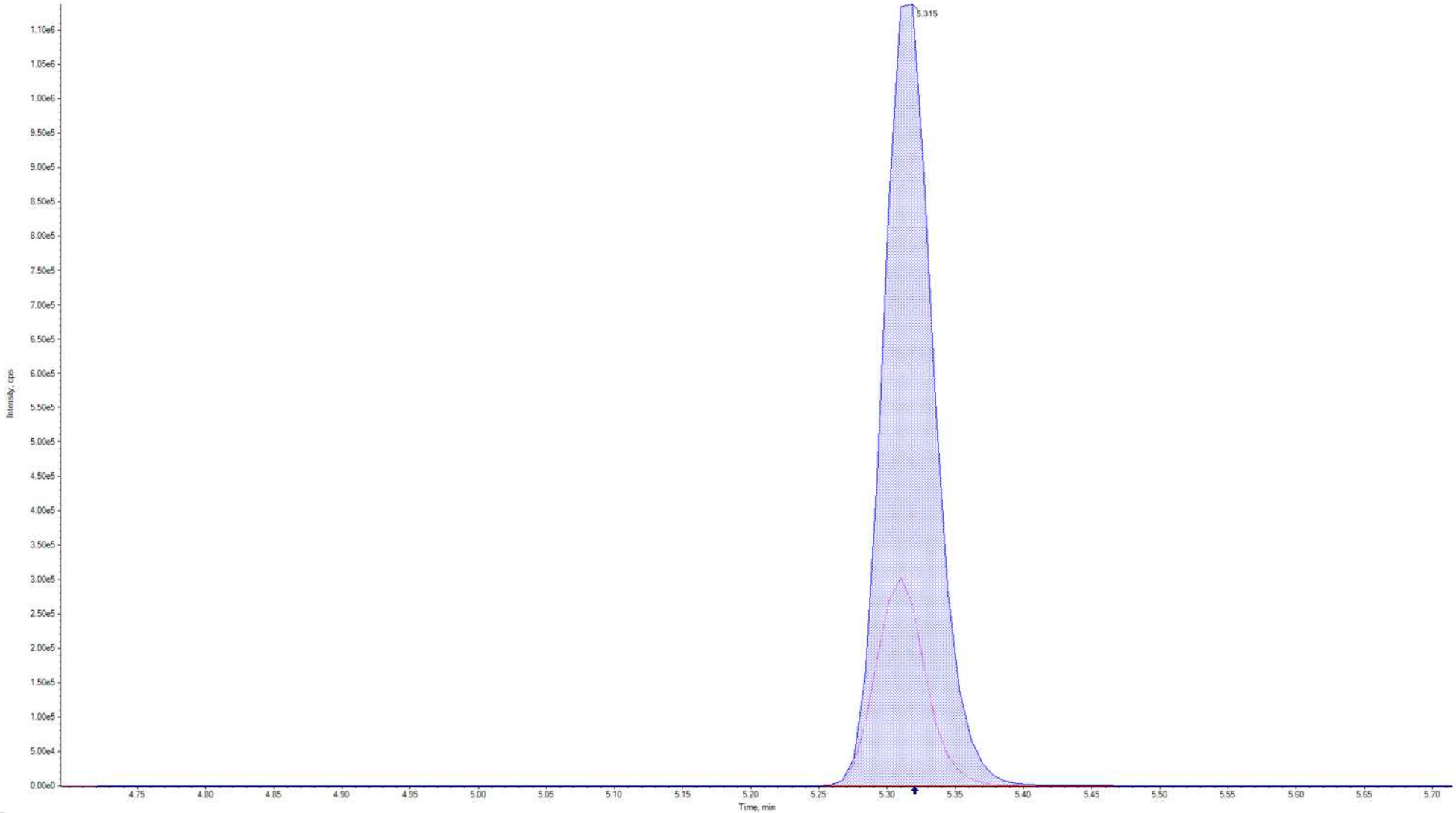
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFBS
Sample: IA1633STD-25 S/N:74.5 Points Across peak:38



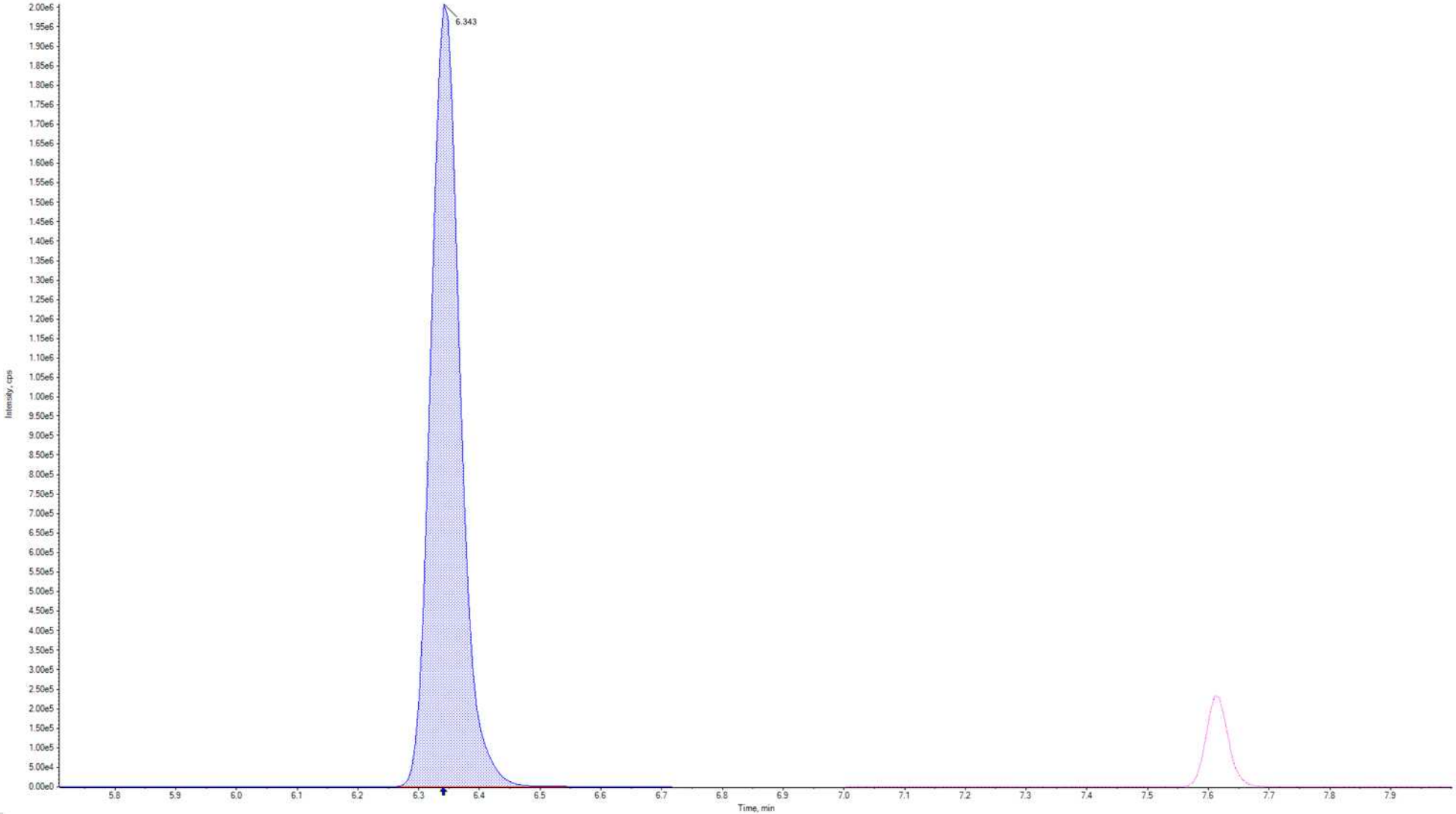
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFBS_2
Sample: IA1633STD-25 S/N:7613.1 Points Across peak:32



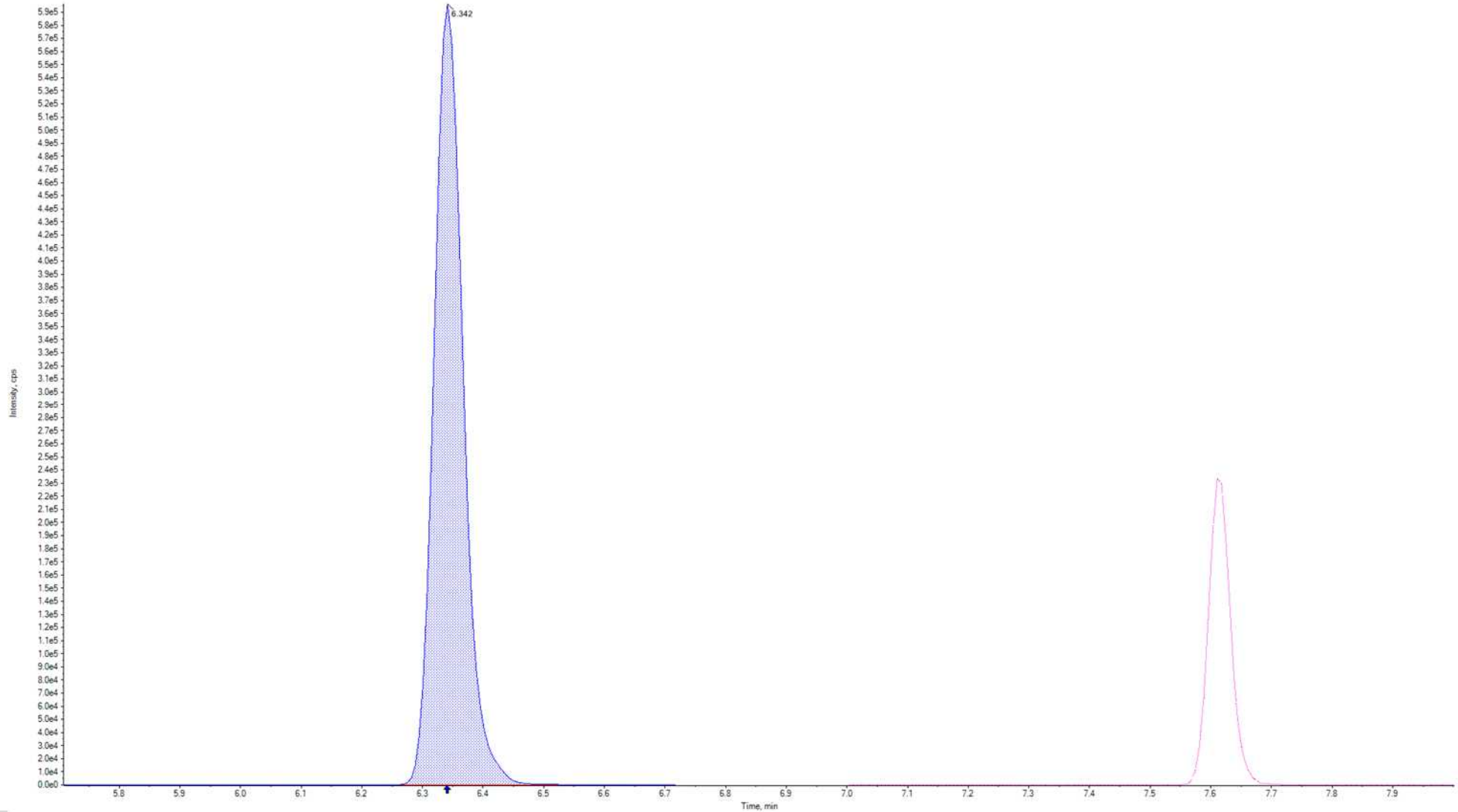
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS
Sample: IA1633STD-25 S/N:18343.2 Points Across peak:58



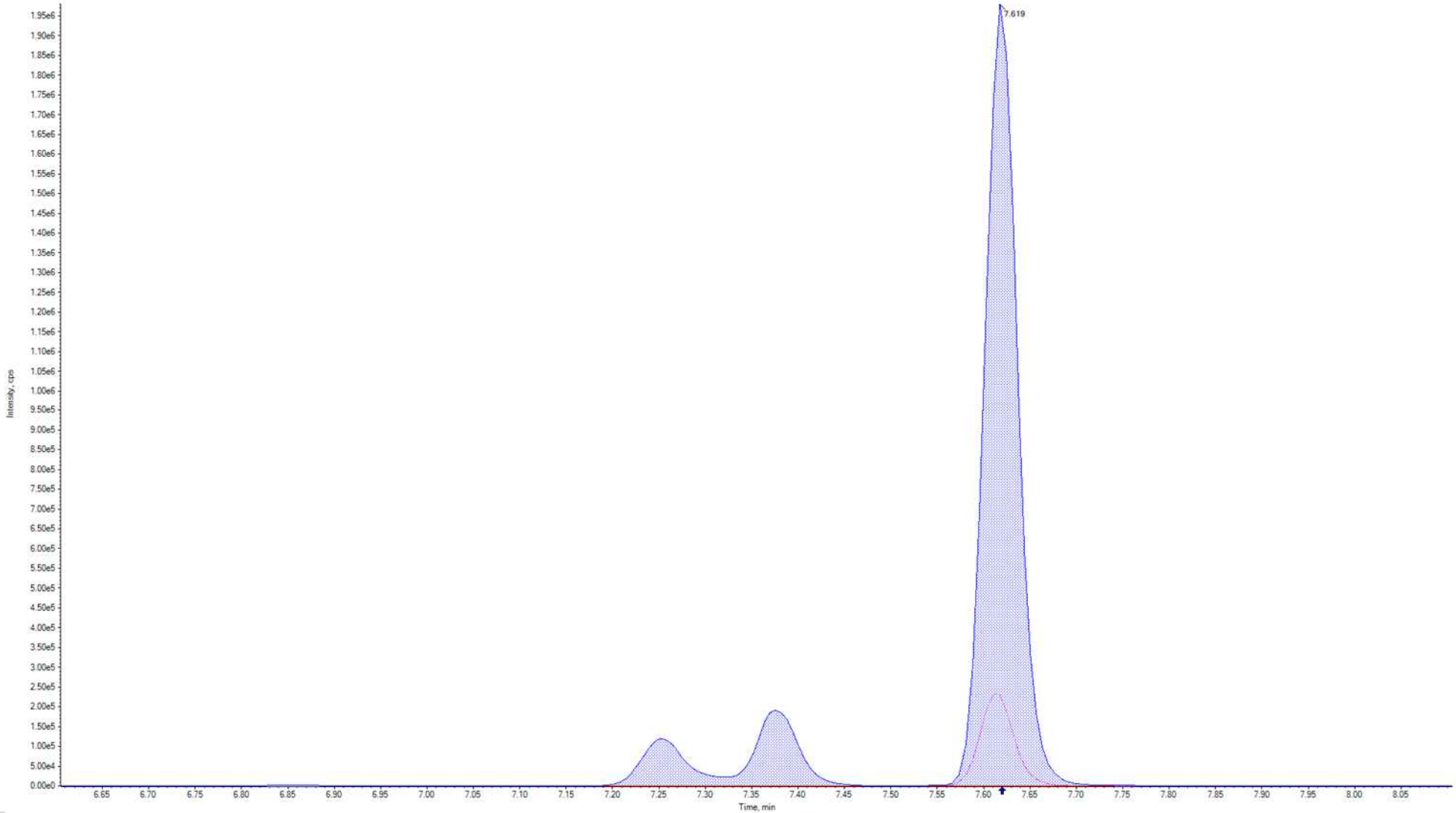
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS_2
Sample: IA1633STD-25 S/N:29784.6 Points Across peak:61



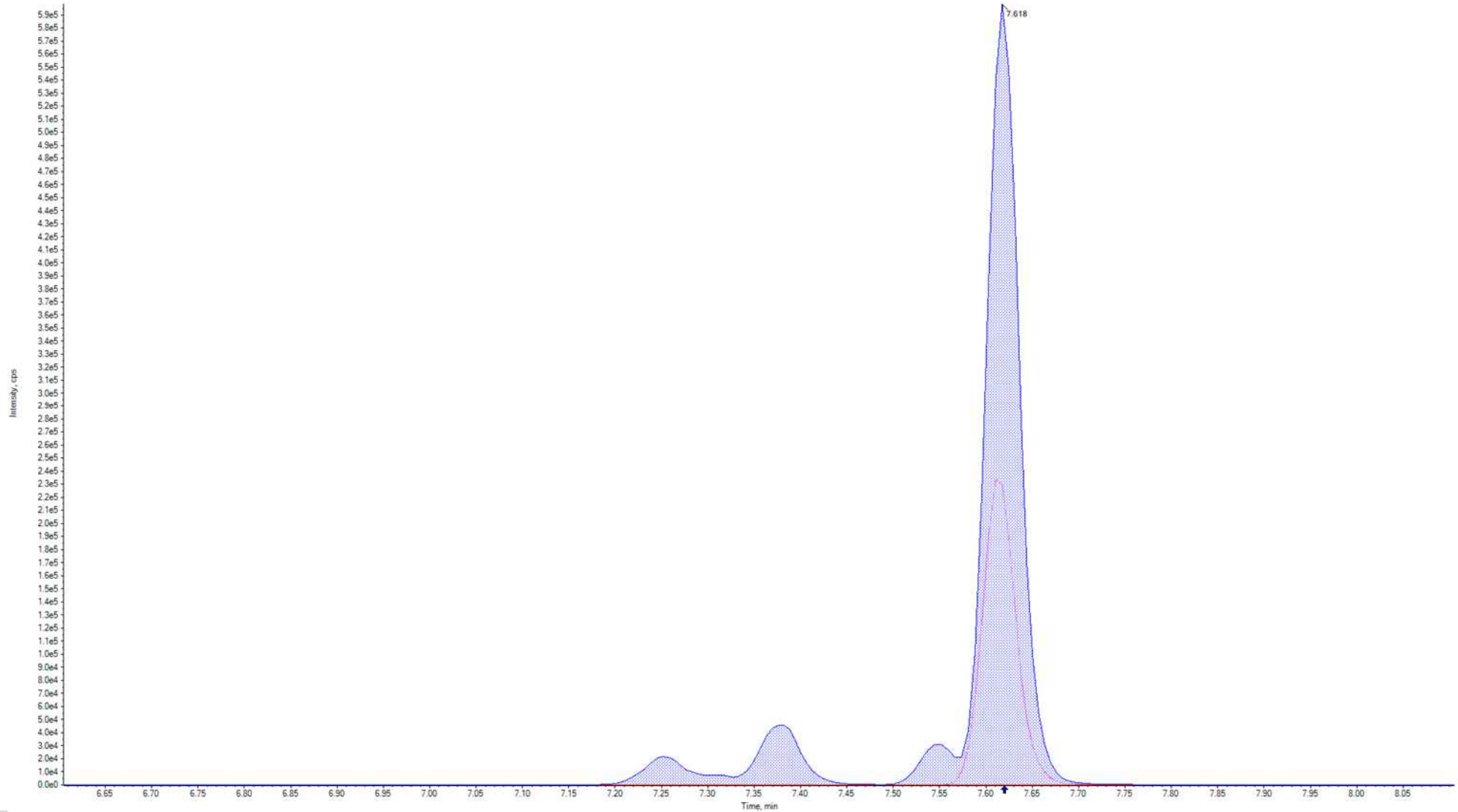
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS
Sample: IA1633STD-25 S/N:40237.0 Points Across peak:91



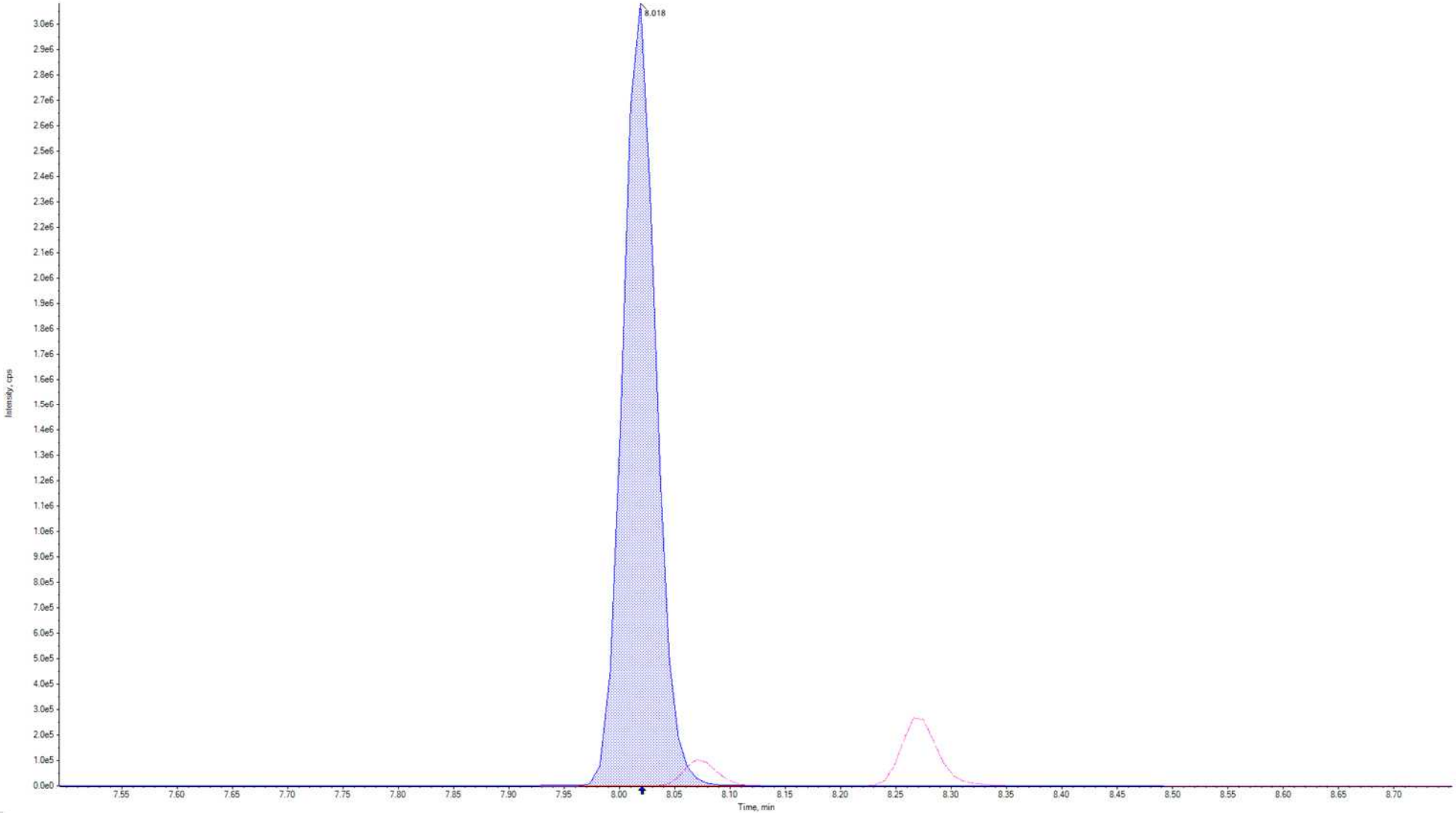
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS_2
Sample: IA1633STD-25 S/N:62008941.1 Points Across peak:95



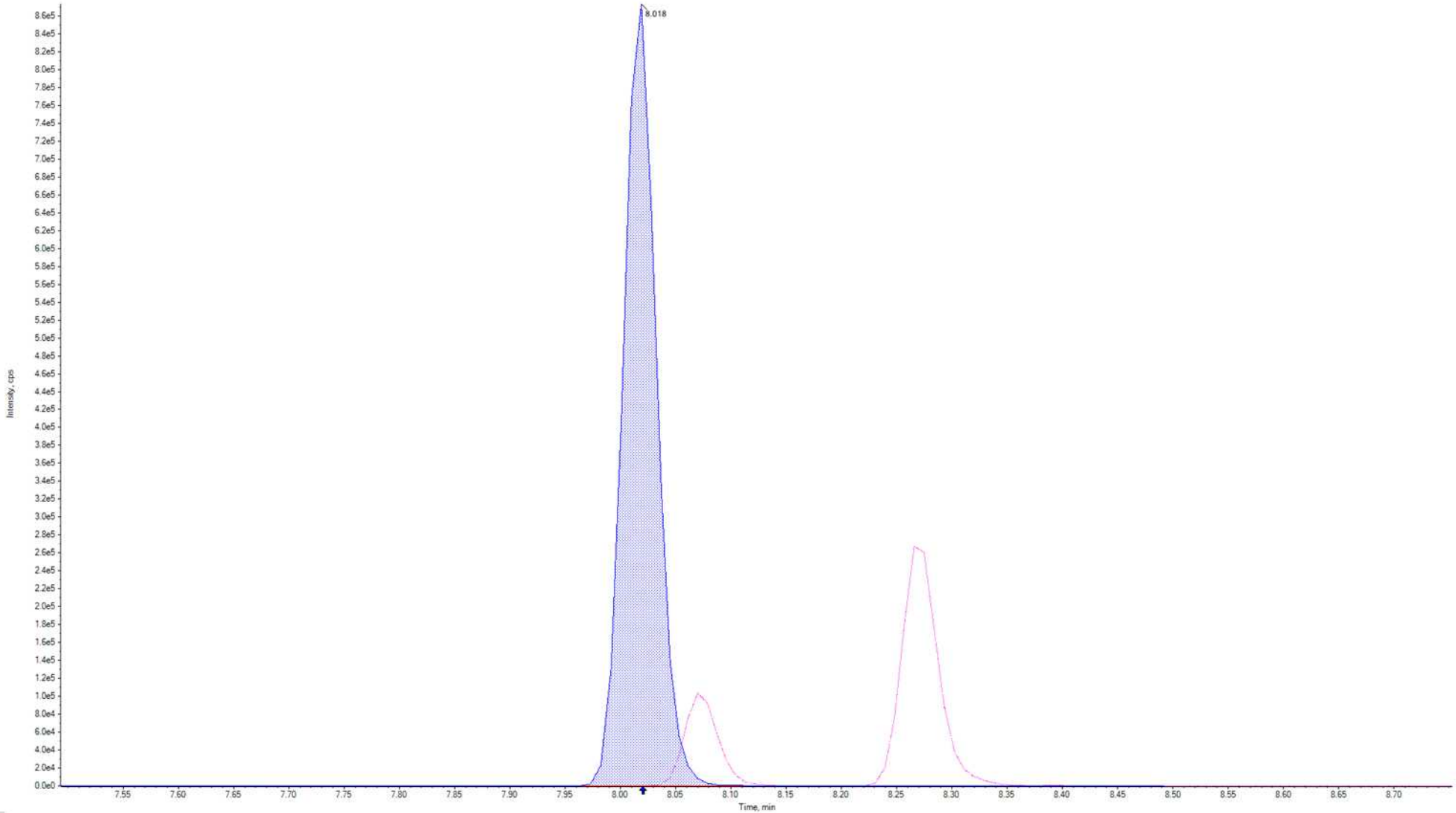
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS
Sample: IA1633STD-25 S/N:22541.3 Points Across peak:32



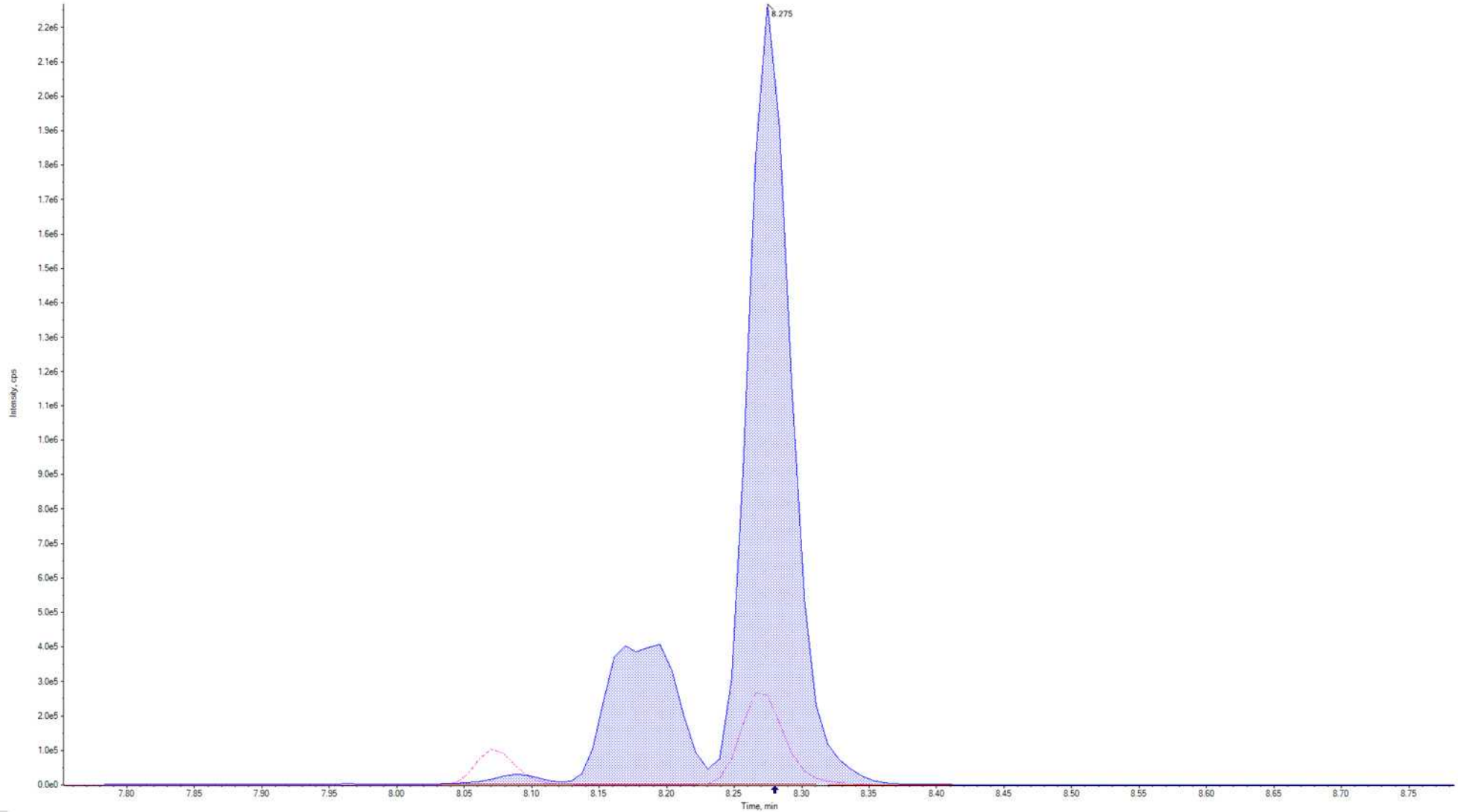
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS_2
Sample: IA1633STD-25 S/N:4801.2 Points Across peak:20



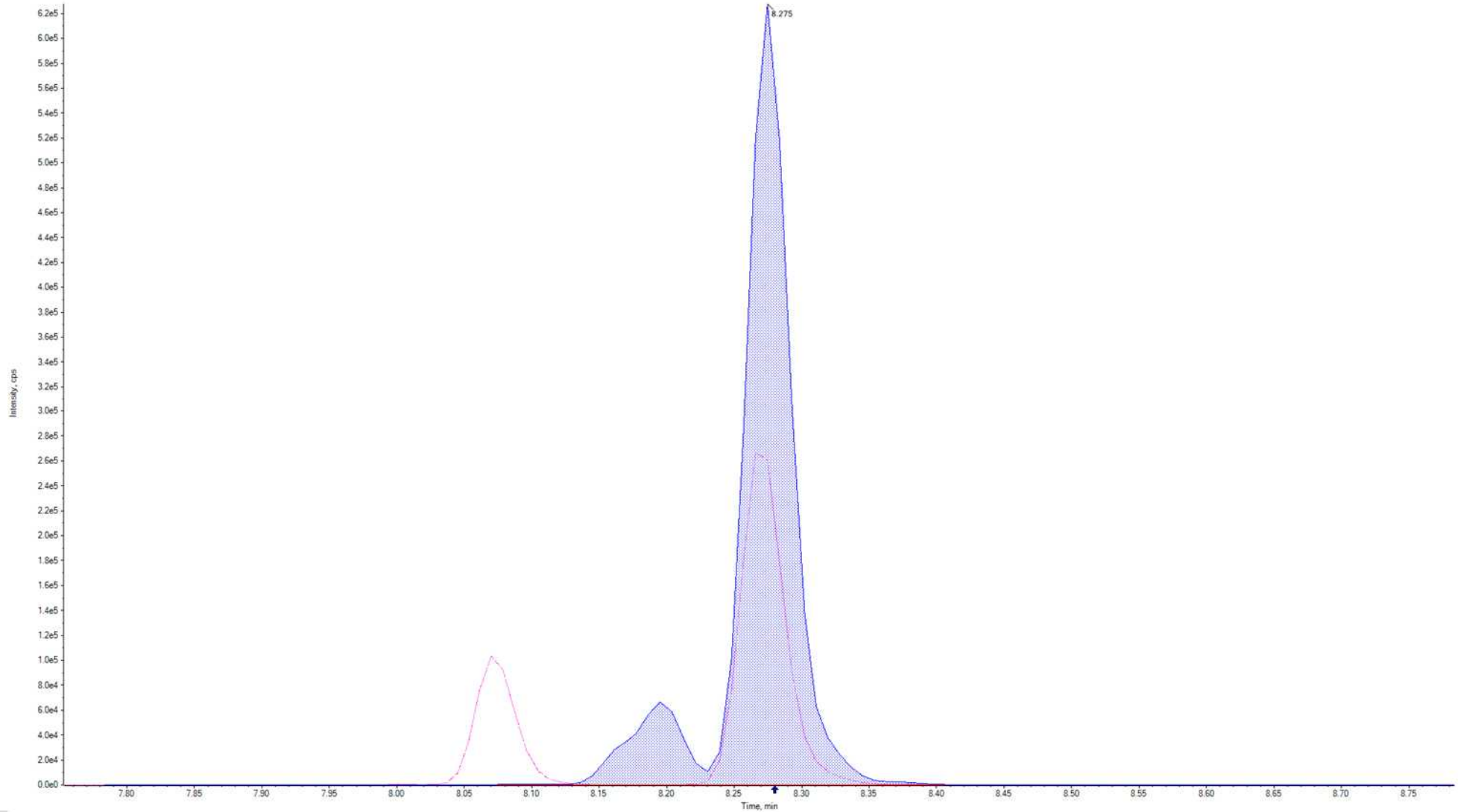
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOS
Sample: IA1633STD-25 S/N:4127.9 Points Across peak:54



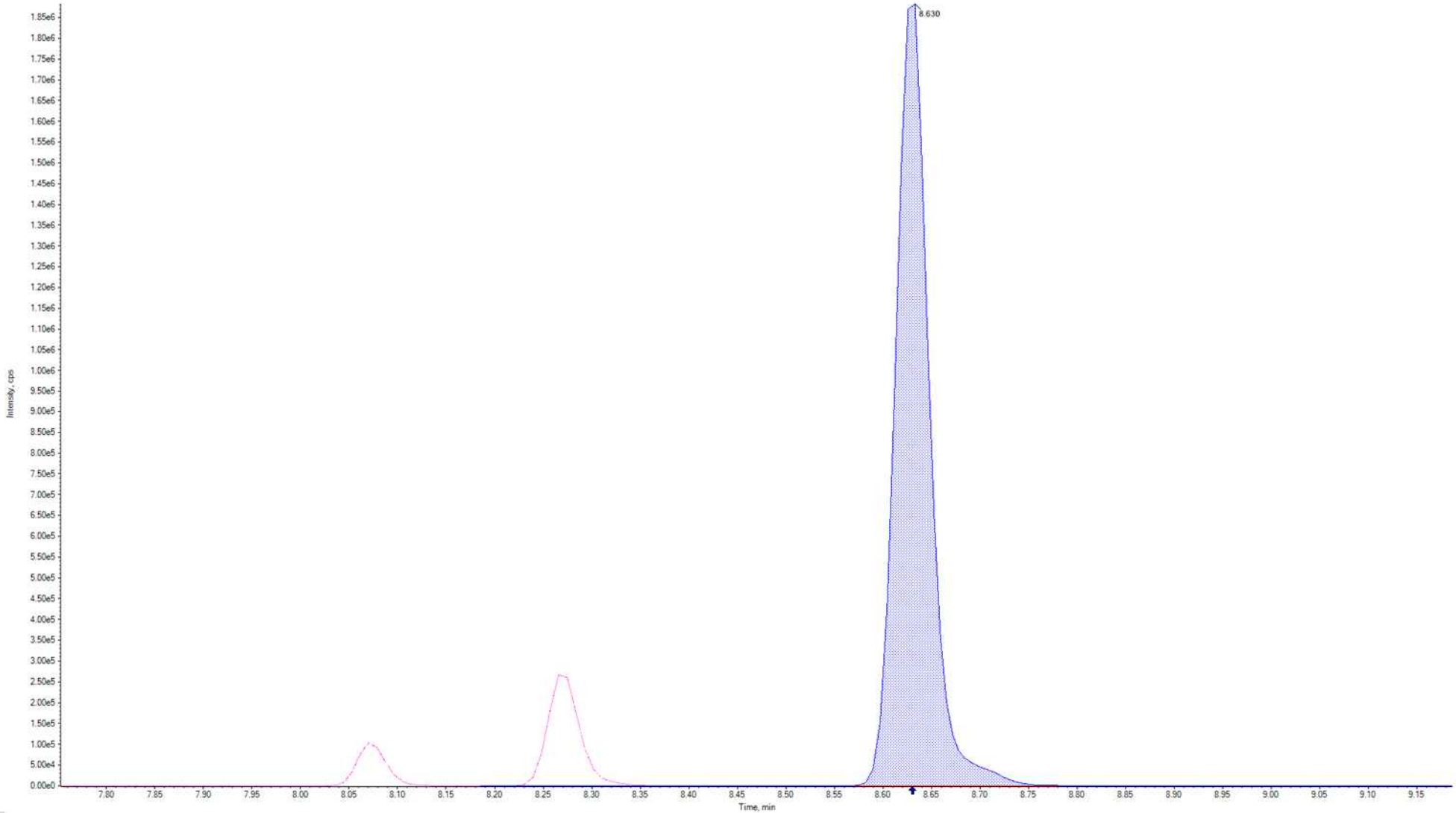
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOS_2
Sample: IA1633STD-25 S/N:3157.8 Points Across peak:55



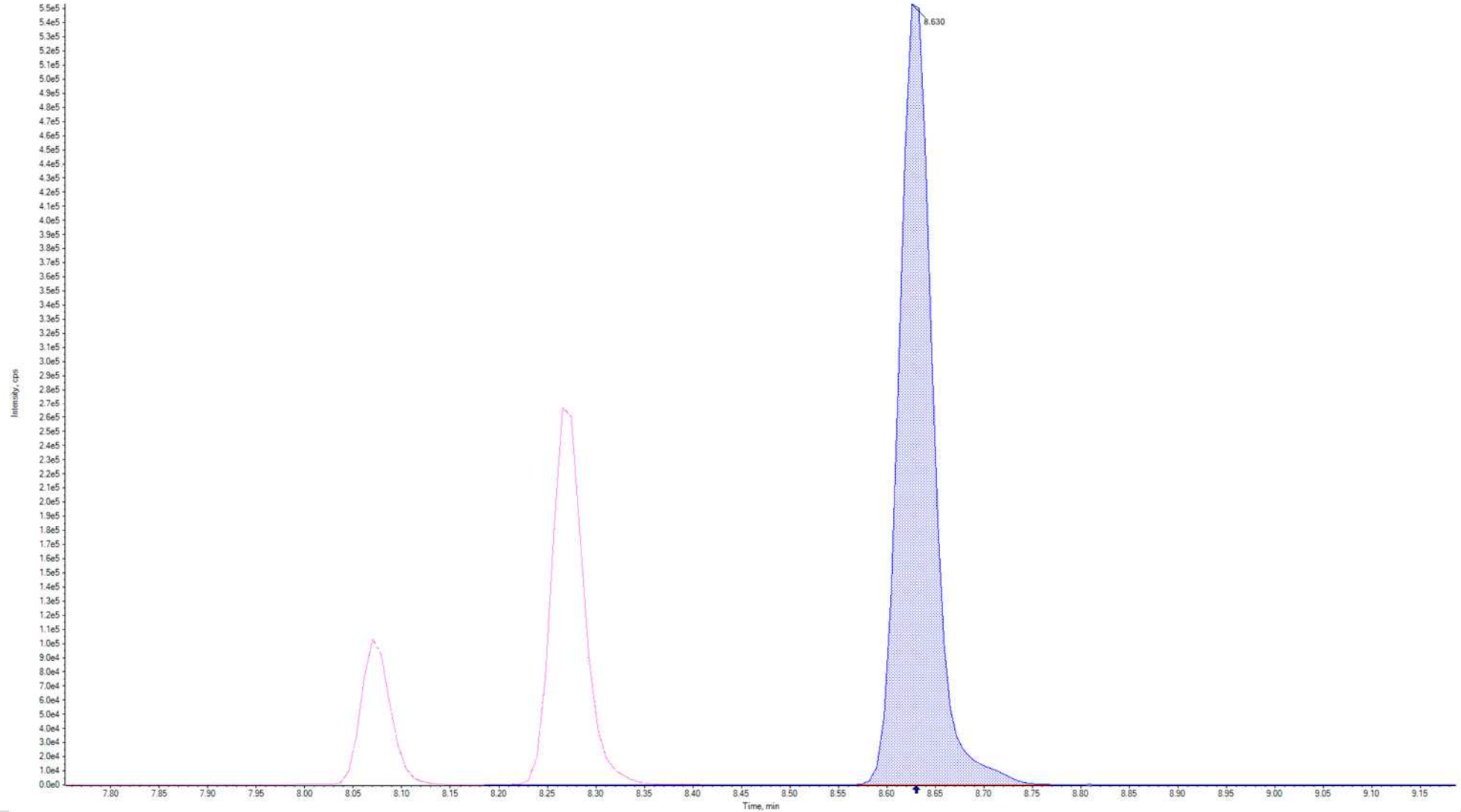
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNS
Sample: IA1633STD-25 S/N:18060.5 Points Across peak:47



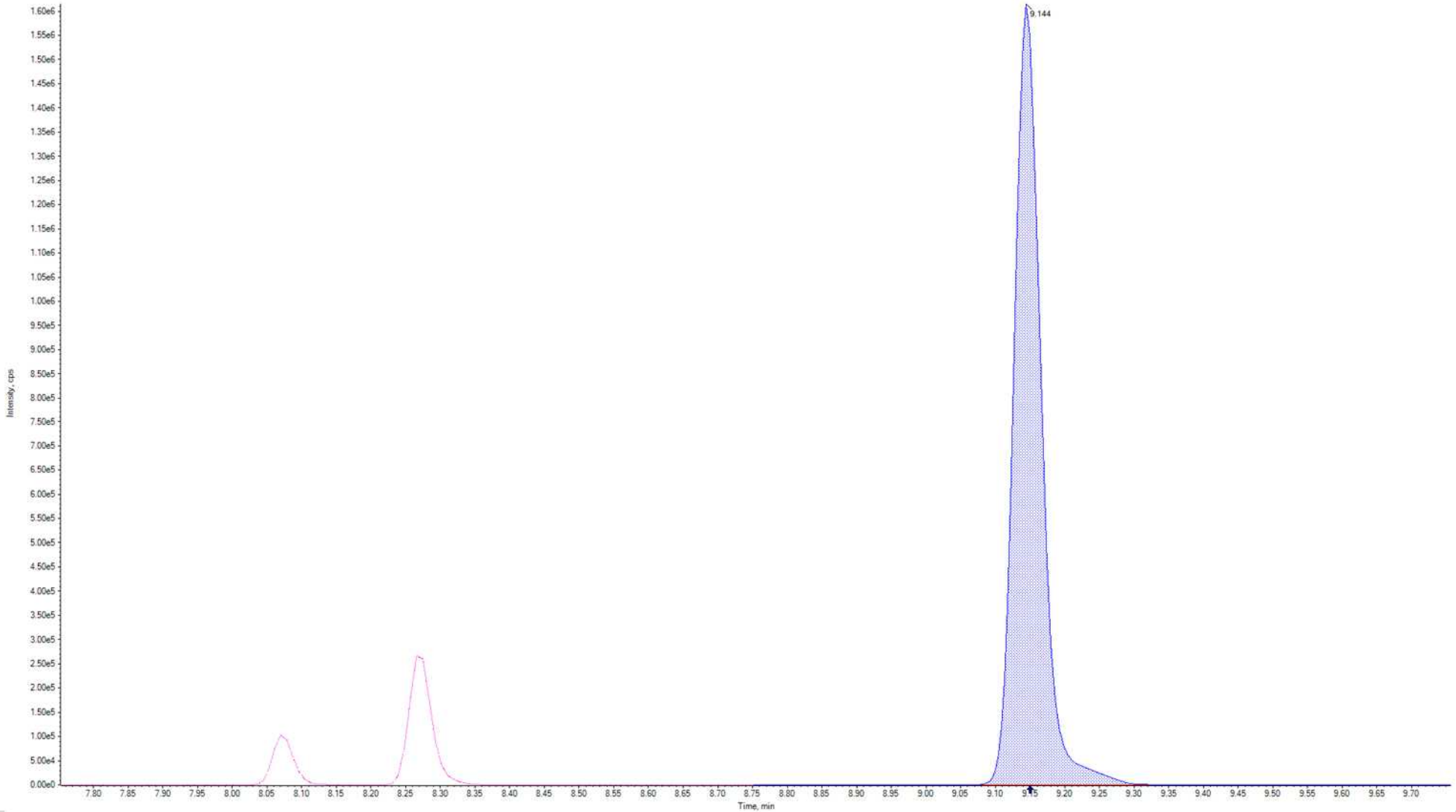
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNS_2
Sample: IA1633STD-25 S/N:3606325.5 Points Across peak:39



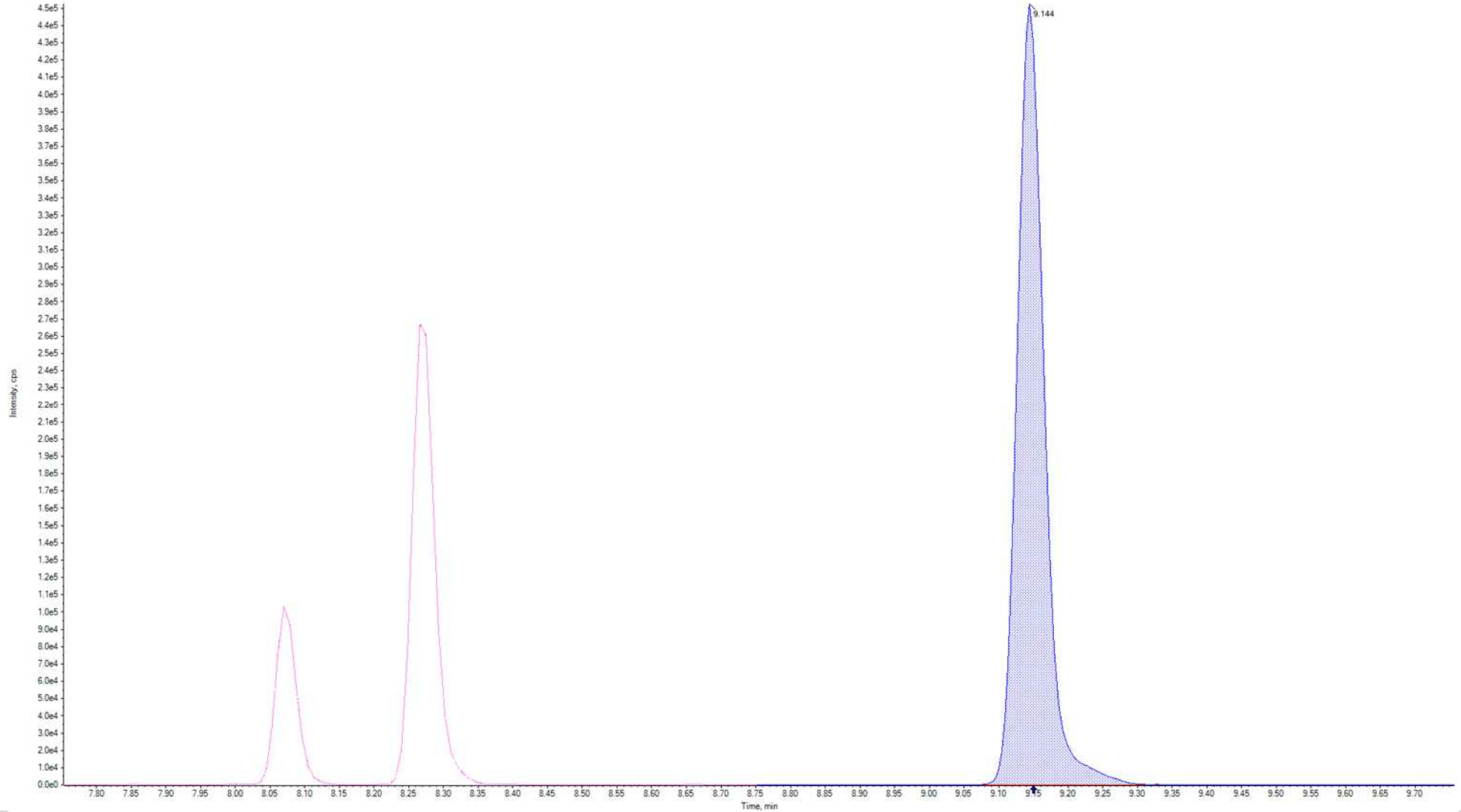
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDS
Sample: IA1633STD-25 S/N:27974.5 Points Across peak:58



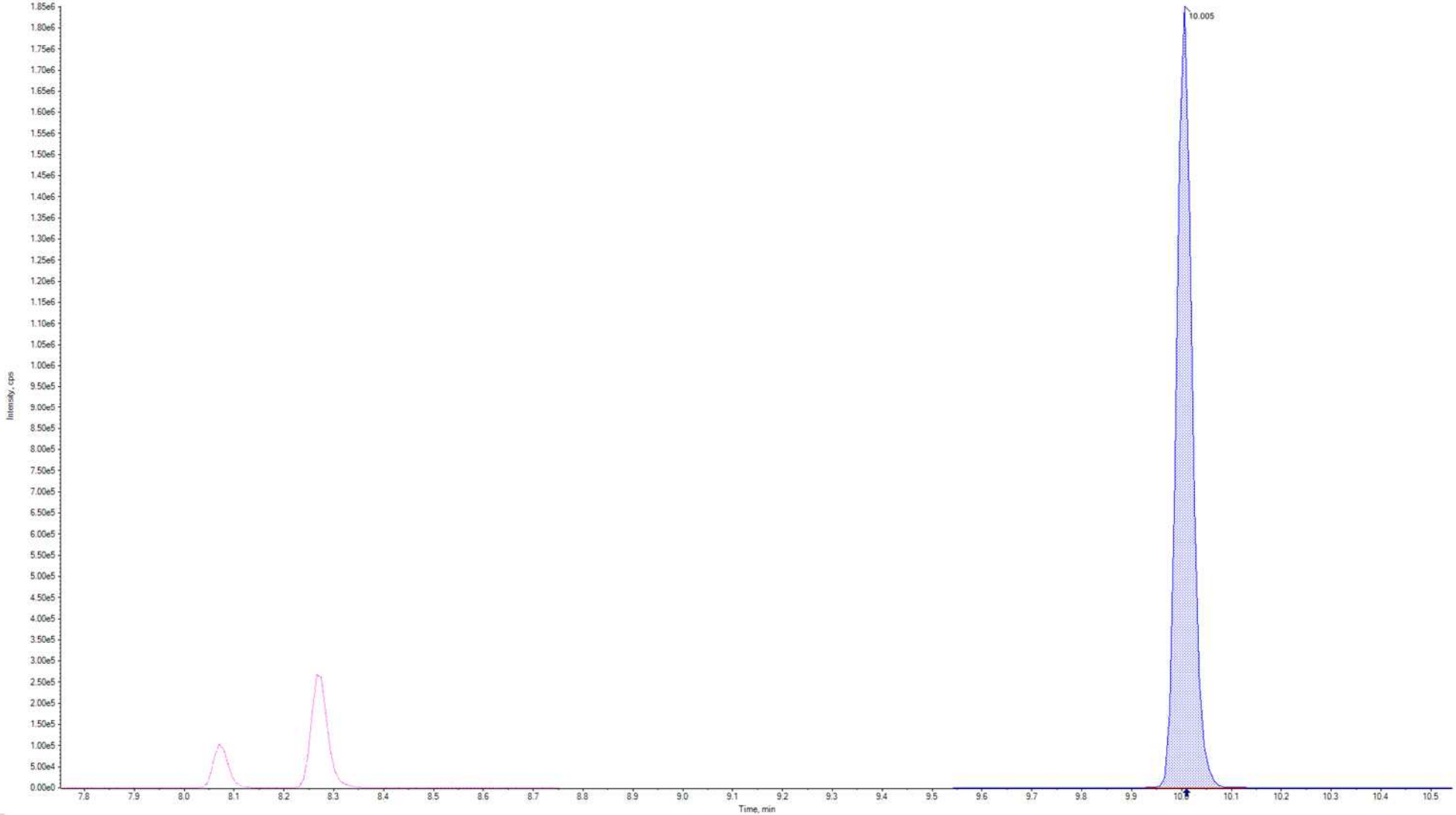
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDS_2
Sample: IA1633STD-25 S/N:737644.8 Points Across peak:52



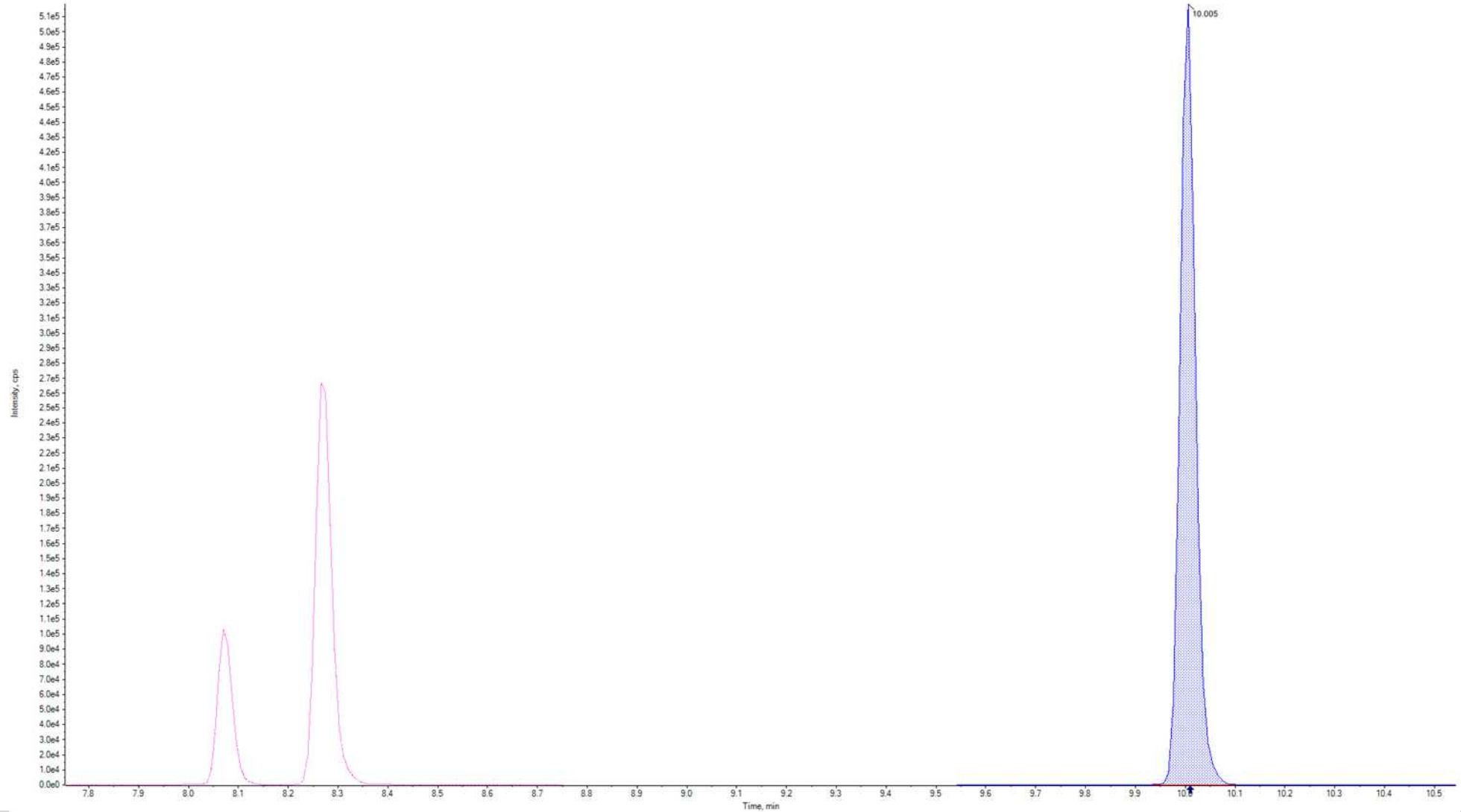
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS
Sample: IA1633STD-25 S/N:102419.8 Points Across peak:34

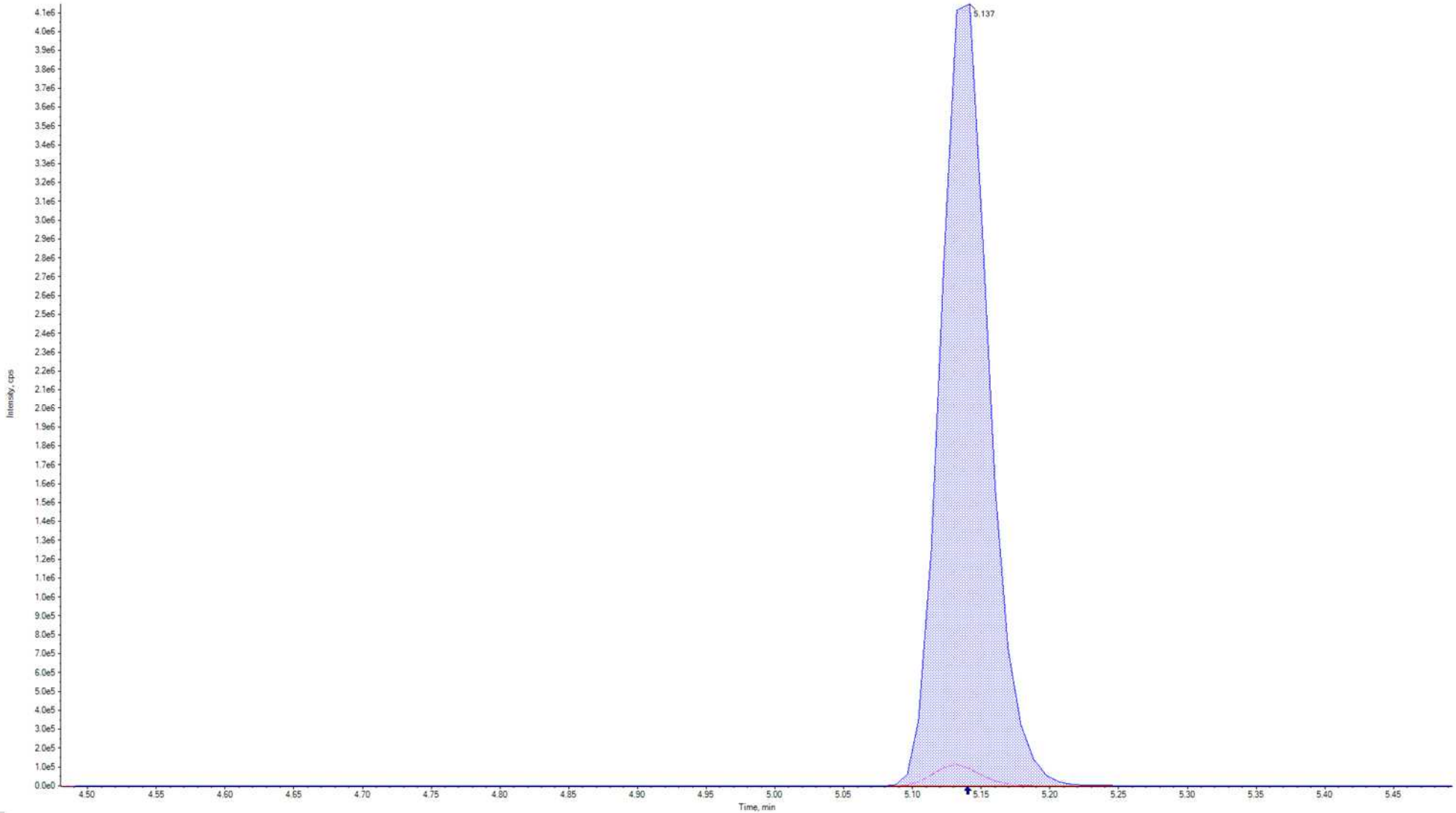


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS_2
Sample: IA1633STD-25 S/N:5762.5 Points Across peak:29

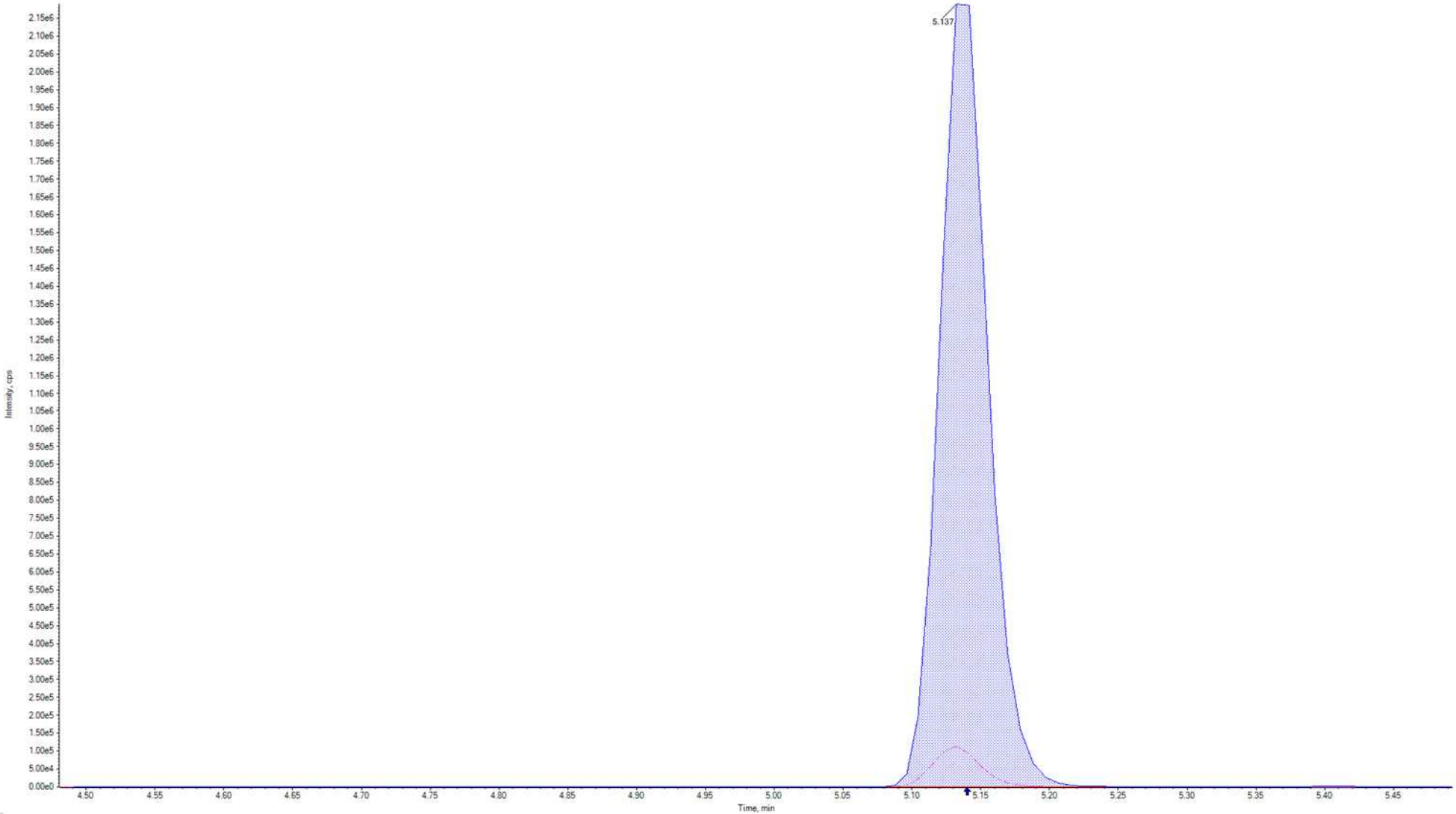


4:2FTS
Sample: IA1633STD-25 S/N:5795545.9 Points Across peak:24



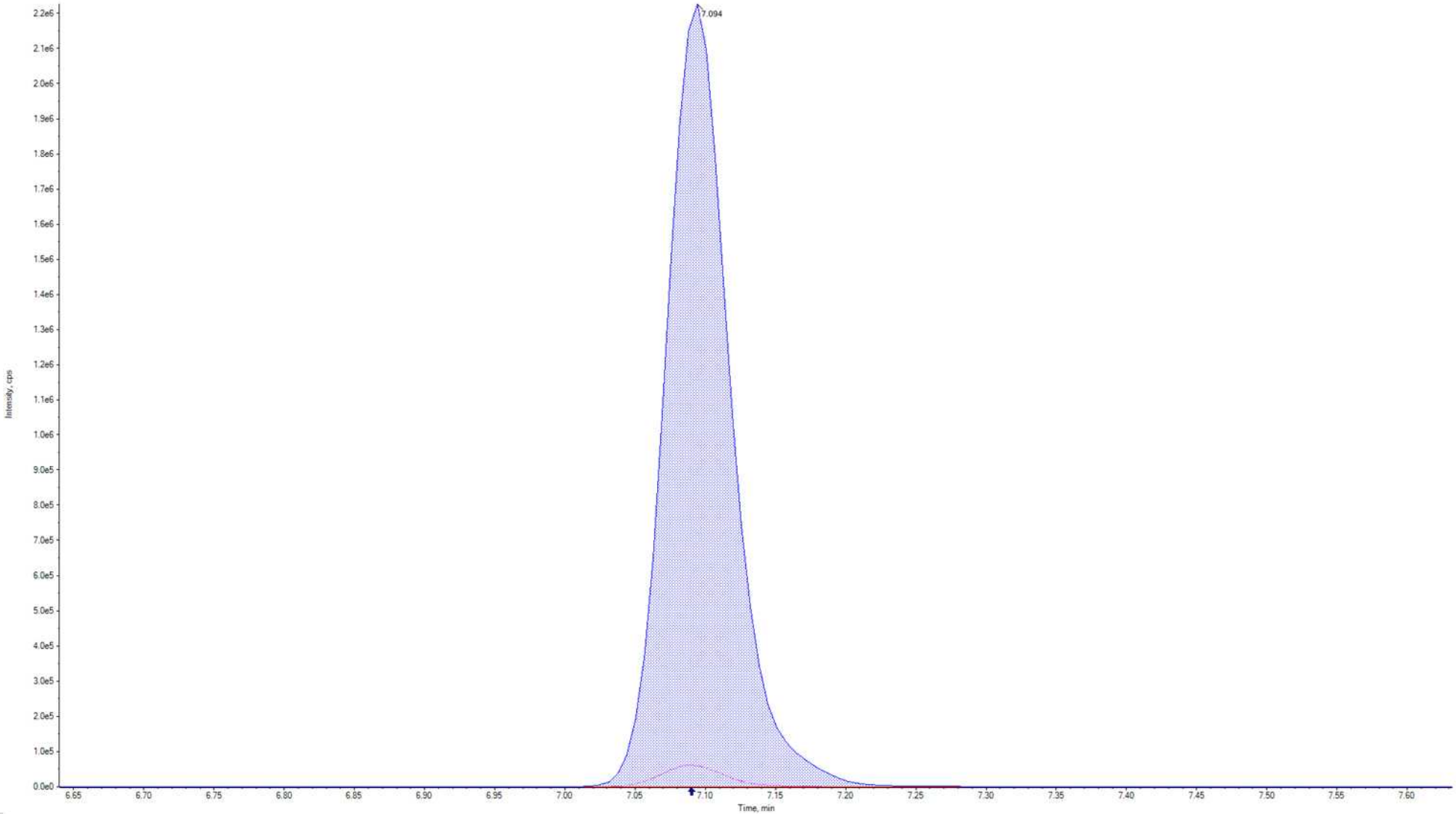
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS_2
Sample: IA1633STD-25 S/N:23388.7 Points Across peak:34



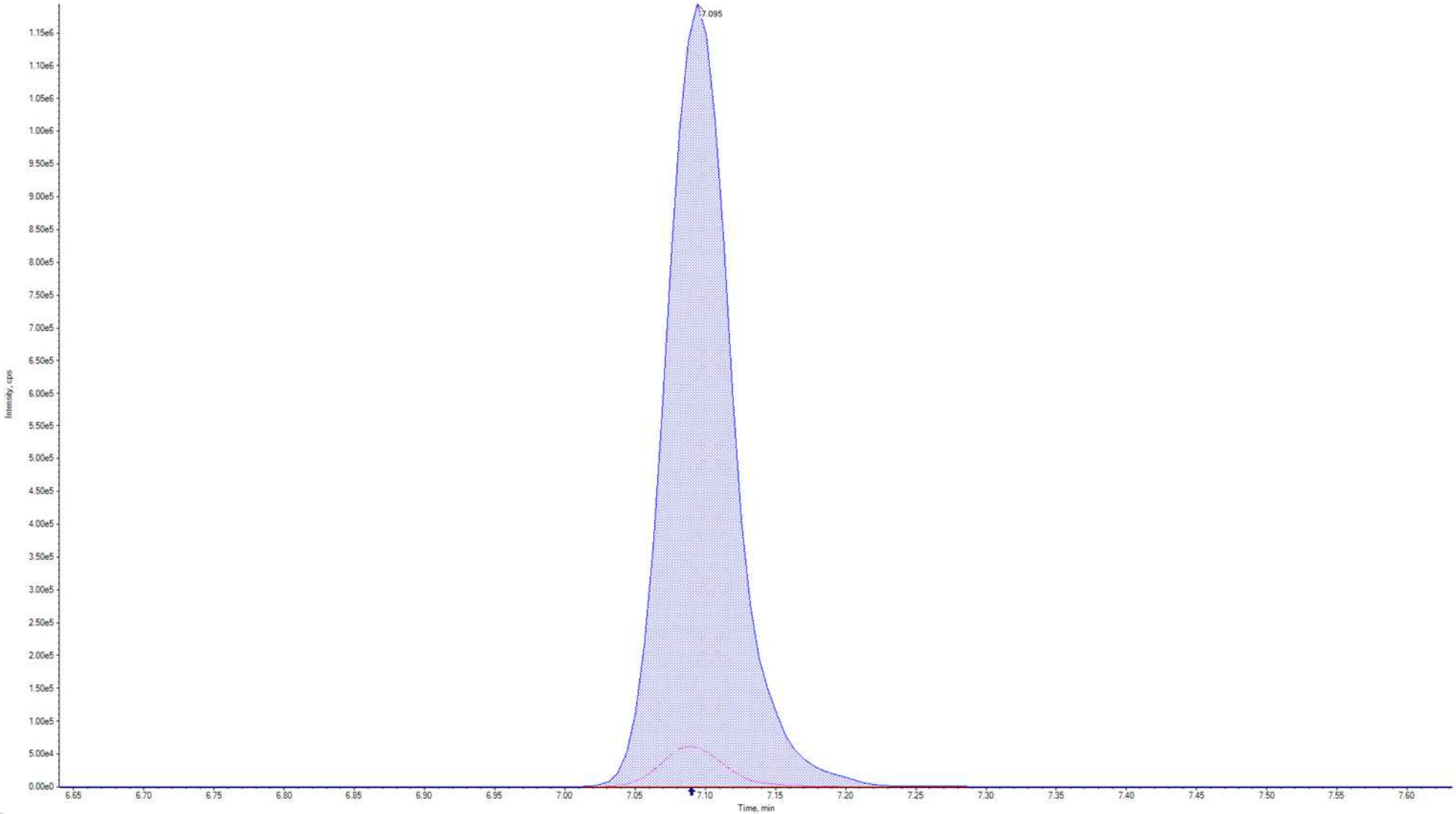
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS
Sample: IA1633STD-25 S/N:4944.1 Points Across peak:51



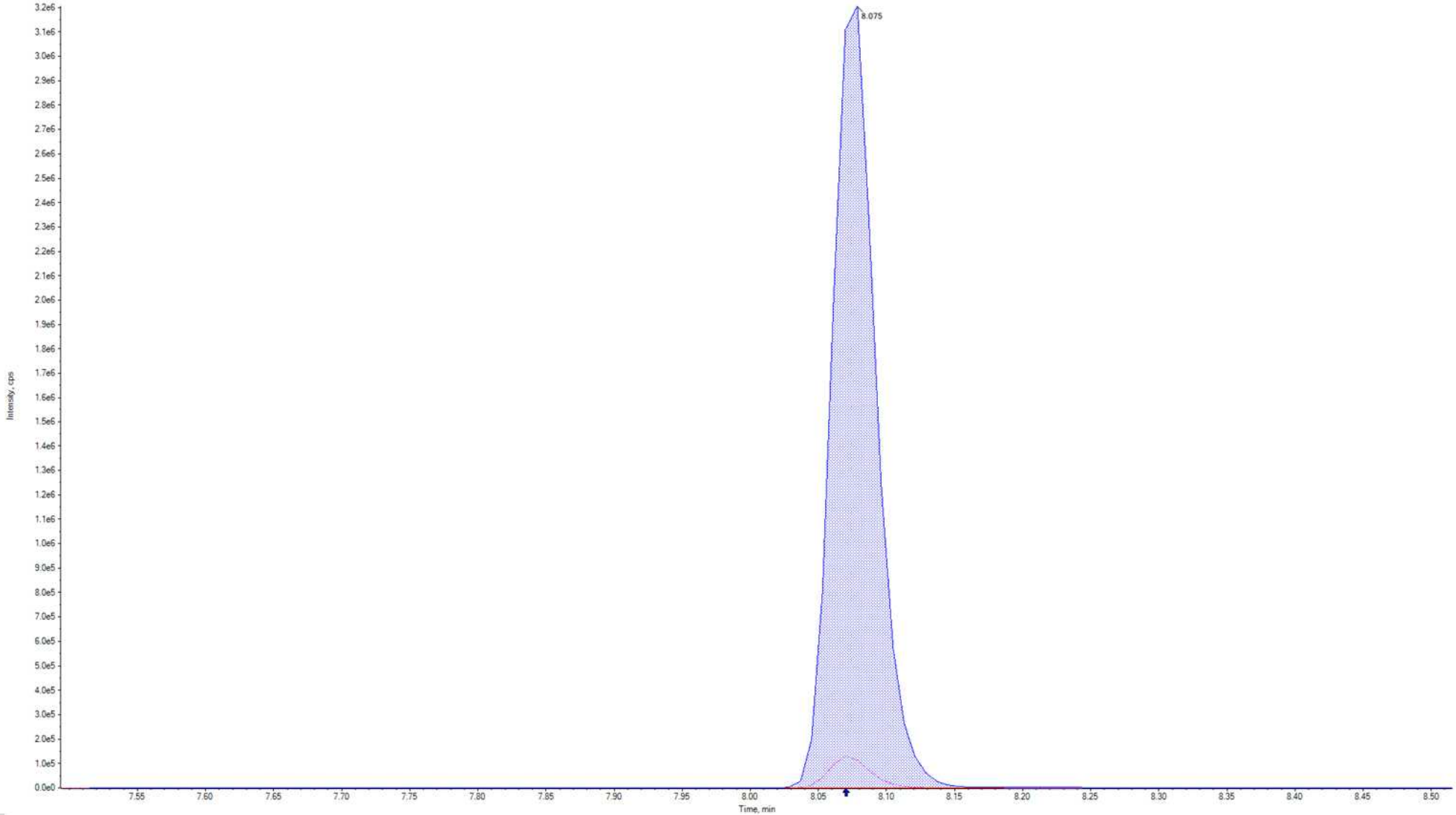
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS_2
Sample: IA1633STD-25 S/N:4386998.4 Points Across peak:52



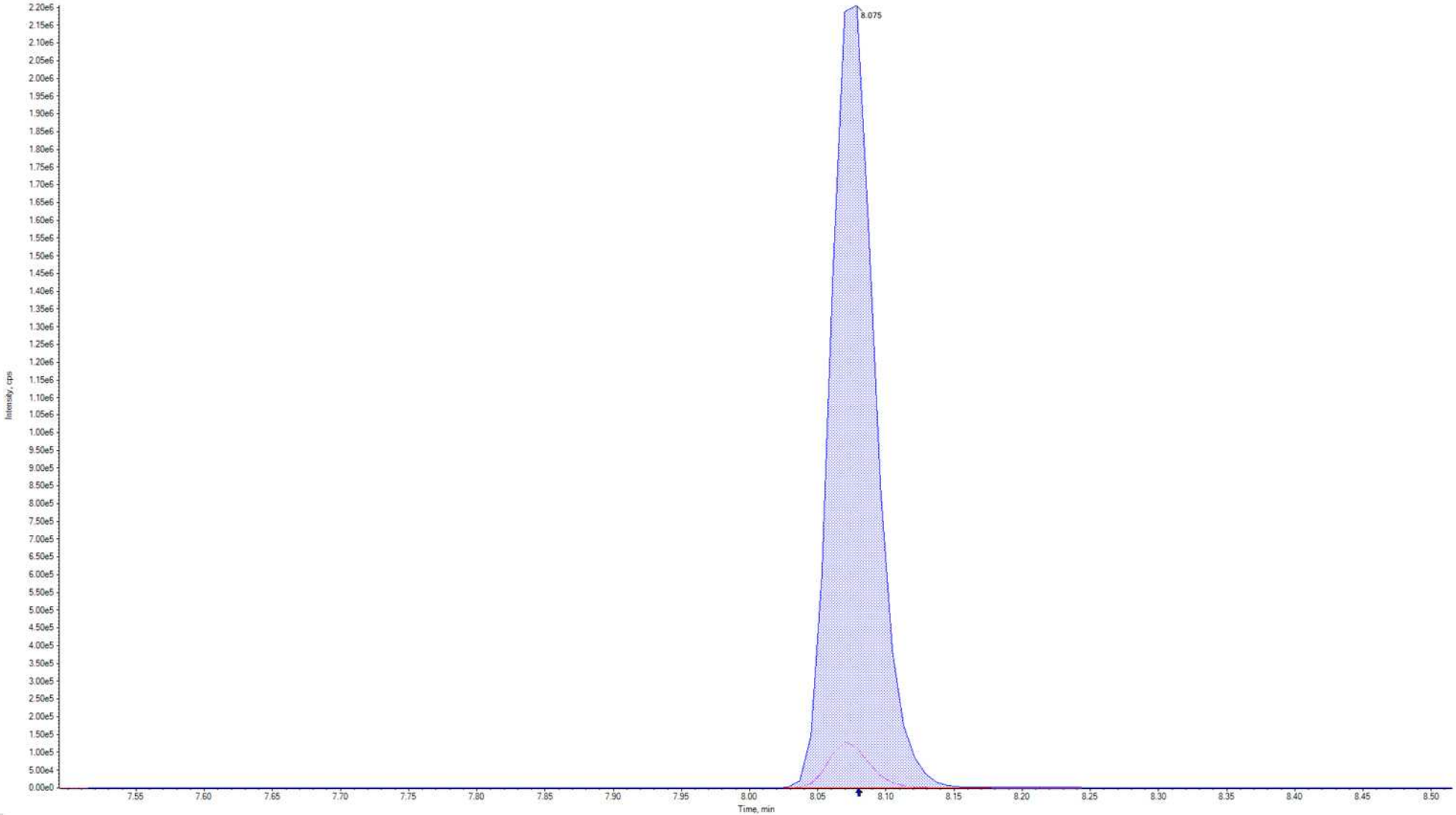
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS
Sample: IA1633STD-25 S/N:7026.9 Points Across peak:22



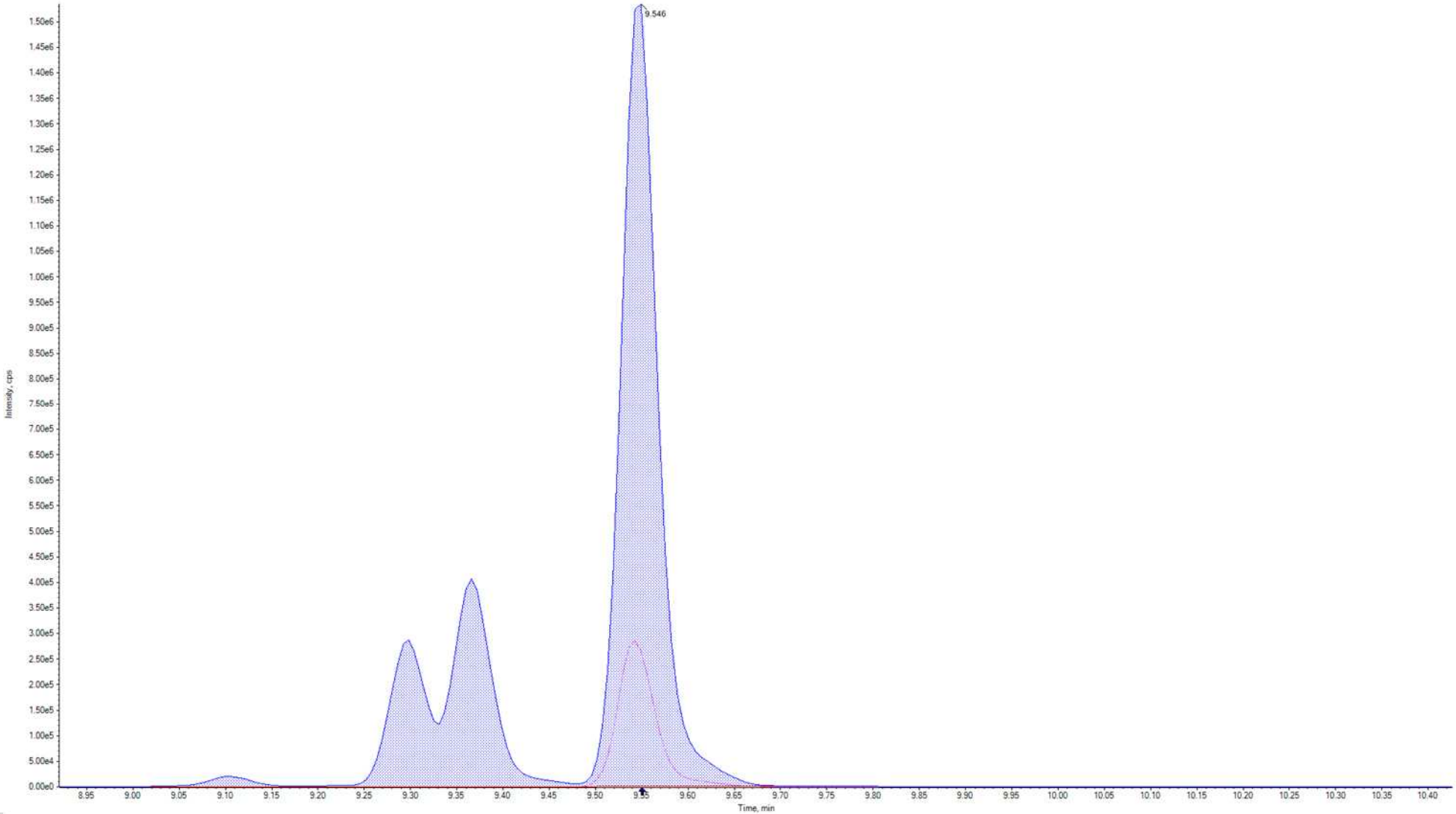
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS_2
Sample: IA1633STD-25 S/N:4338.8 Points Across peak:21



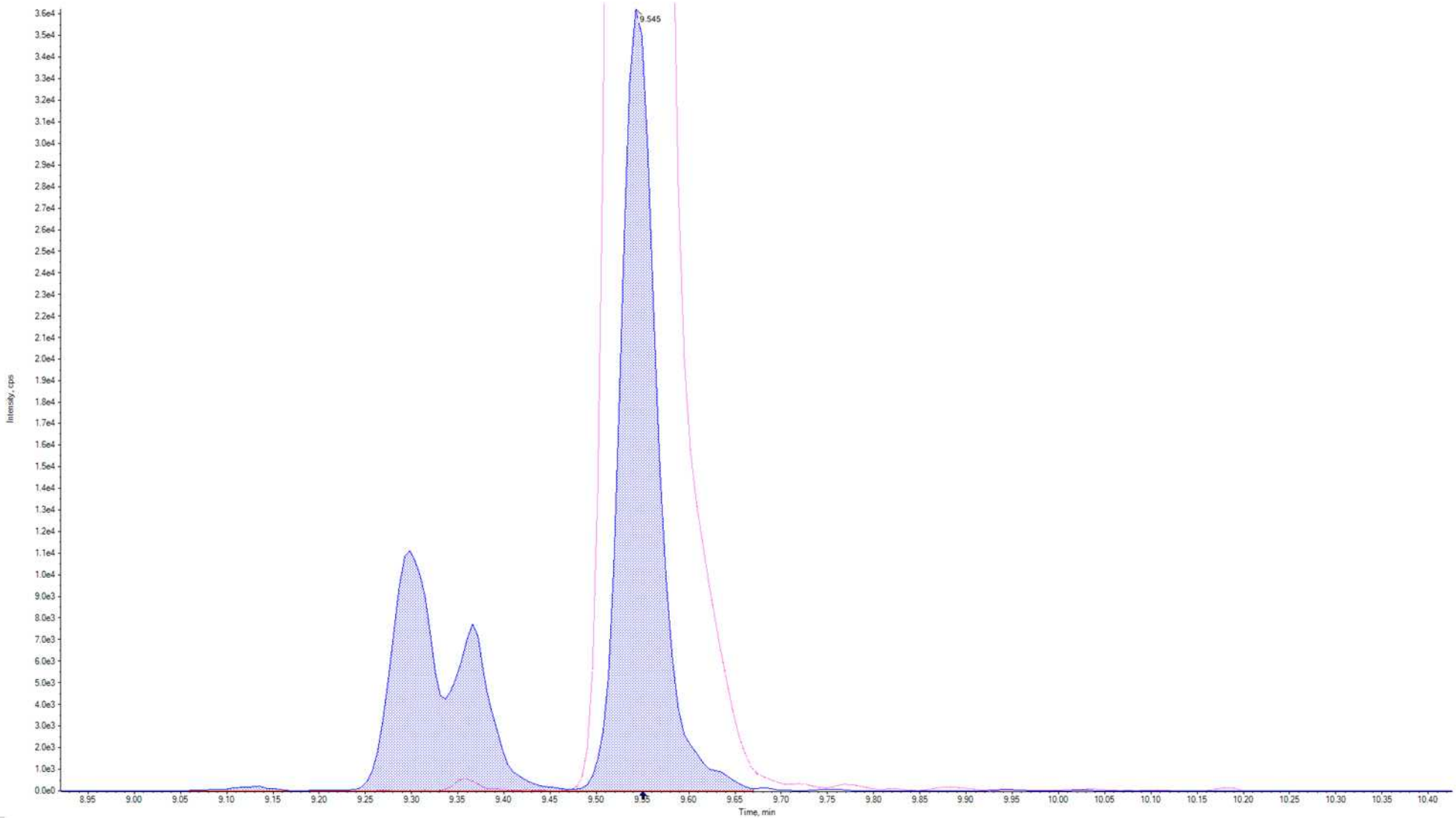
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA
Sample: IA1633STD-25 S/N:86873.1 Points Across peak:130



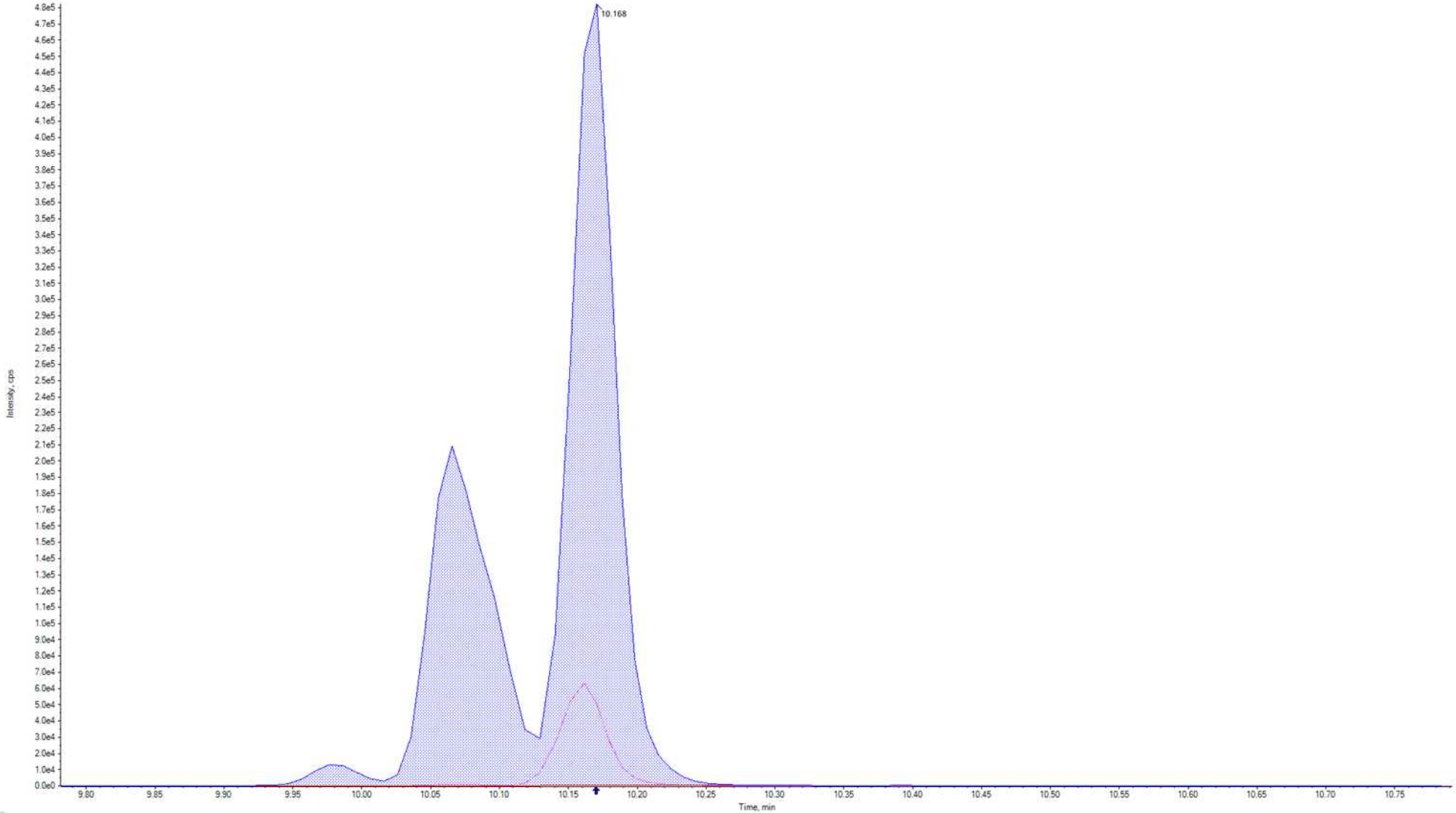
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA_2
Sample: IA1633STD-25 S/N:1235.2 Points Across peak:111



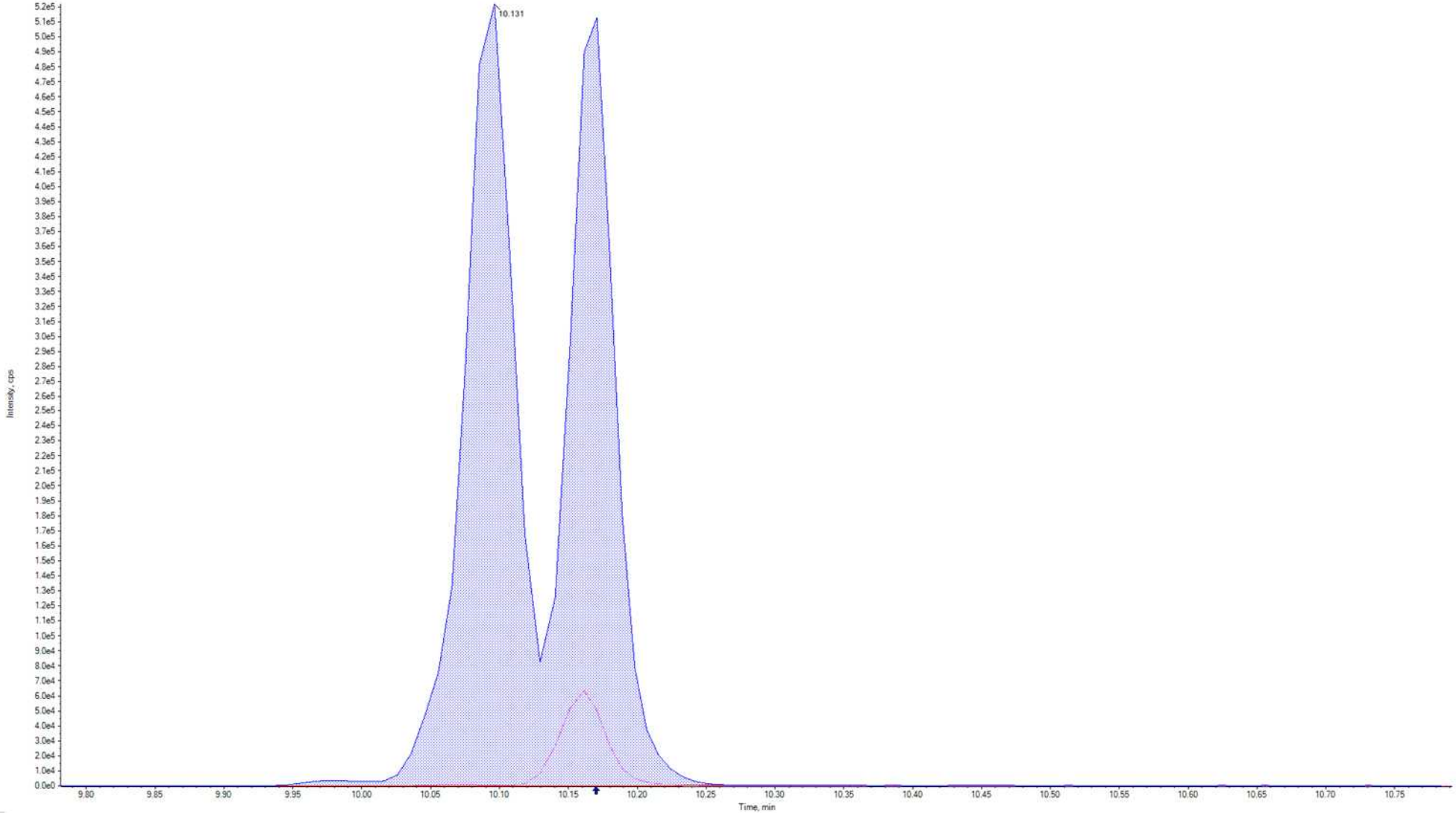
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA
Sample: IA1633STD-25 S/N:4489.5 Points Across peak:40



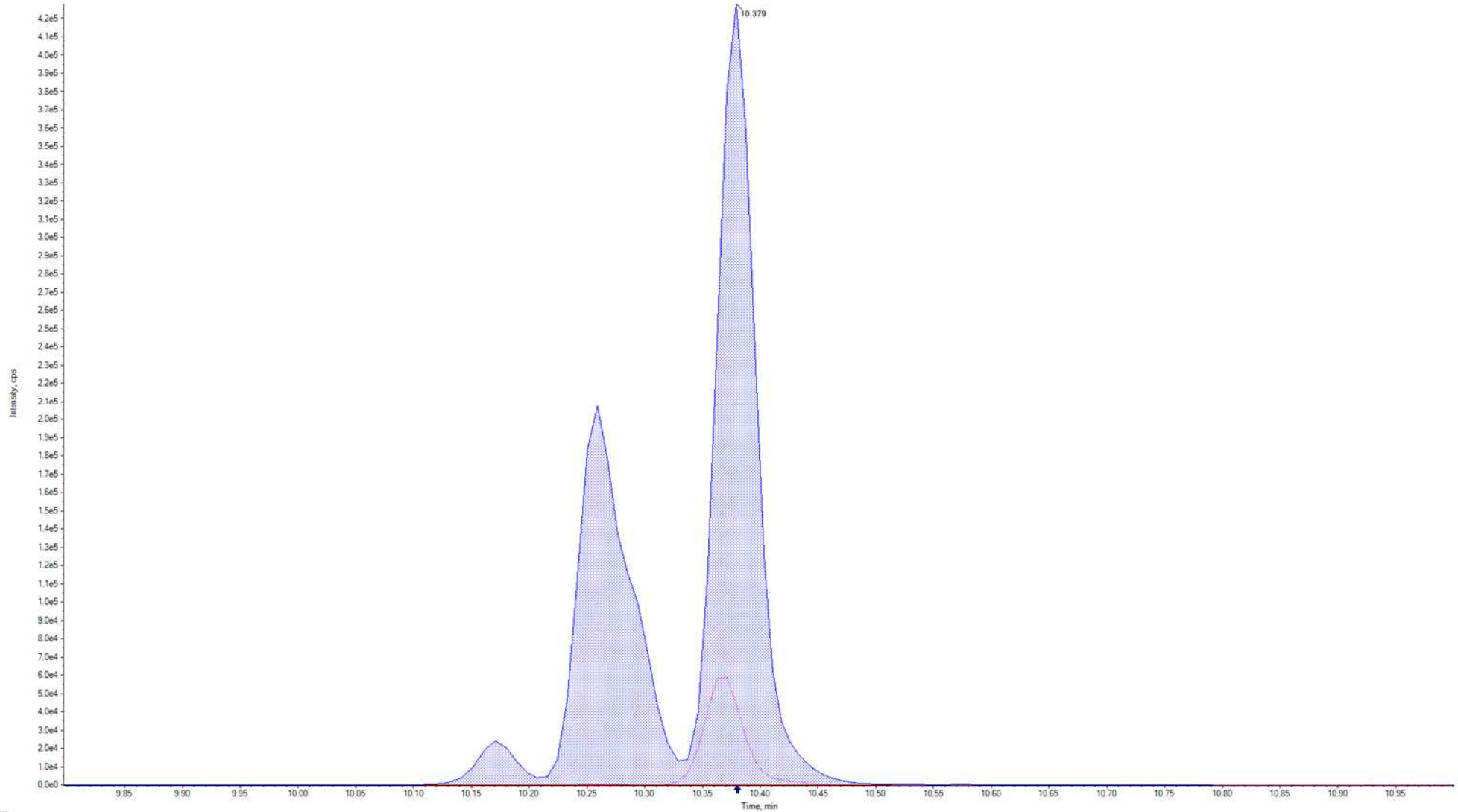
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA_2
Sample: IA1633STD-25 S/N:3718.5 Points Across peak:40



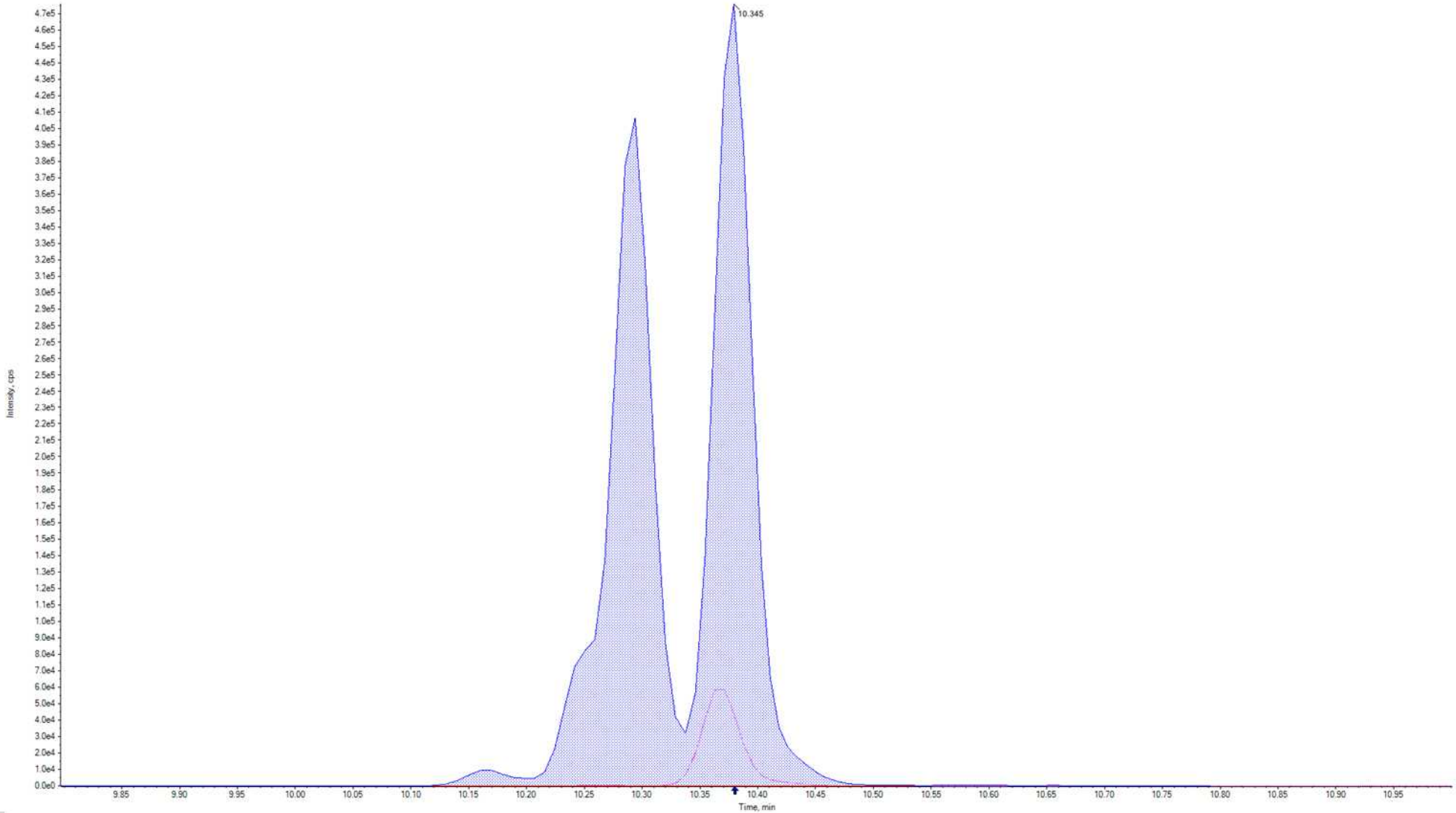
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA
Sample: IA1633STD-25 S/N:203911.8 Points Across peak:53



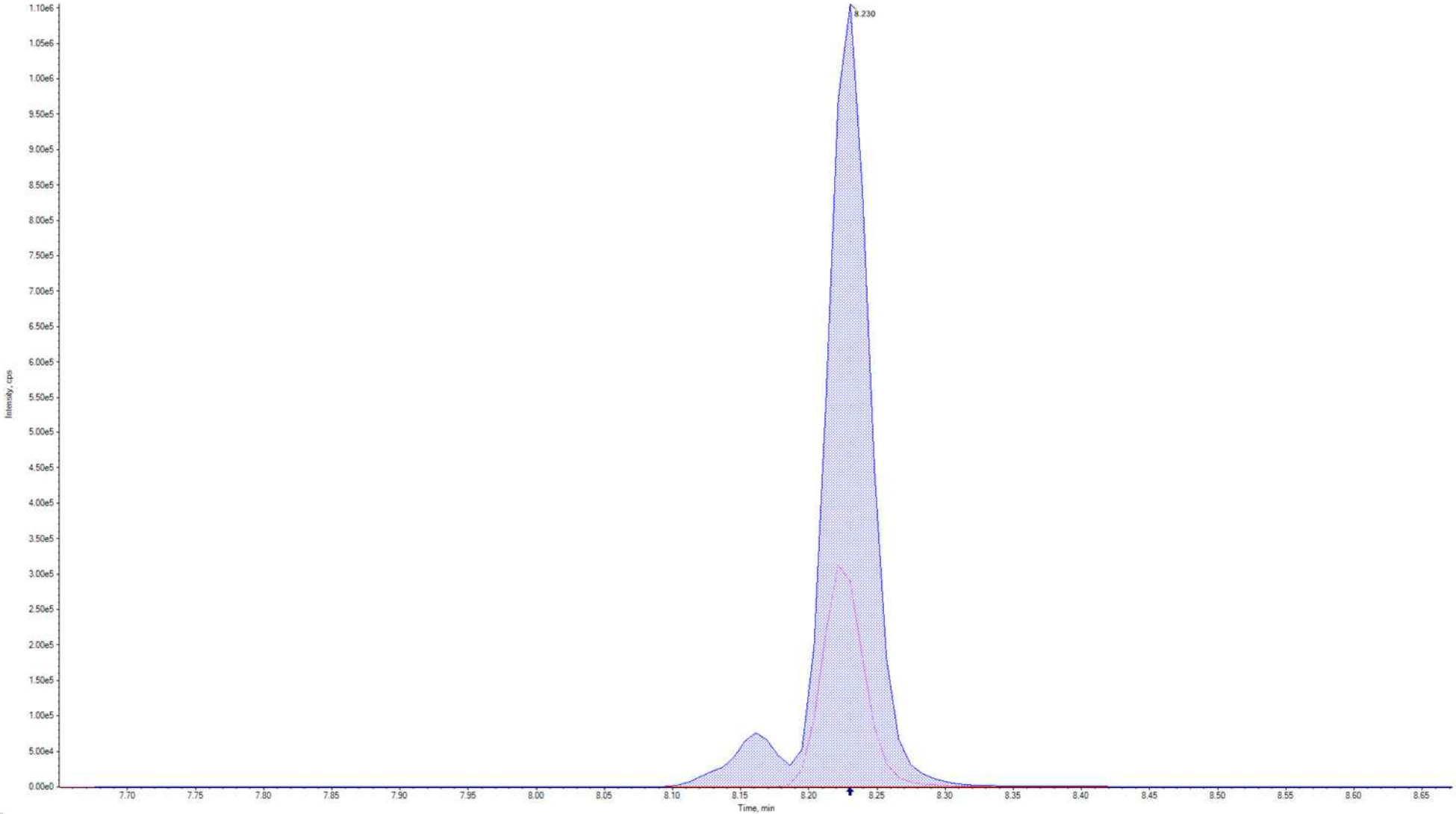
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA_2
Sample: IA1633STD-25 S/N:10505.6 Points Across peak:56



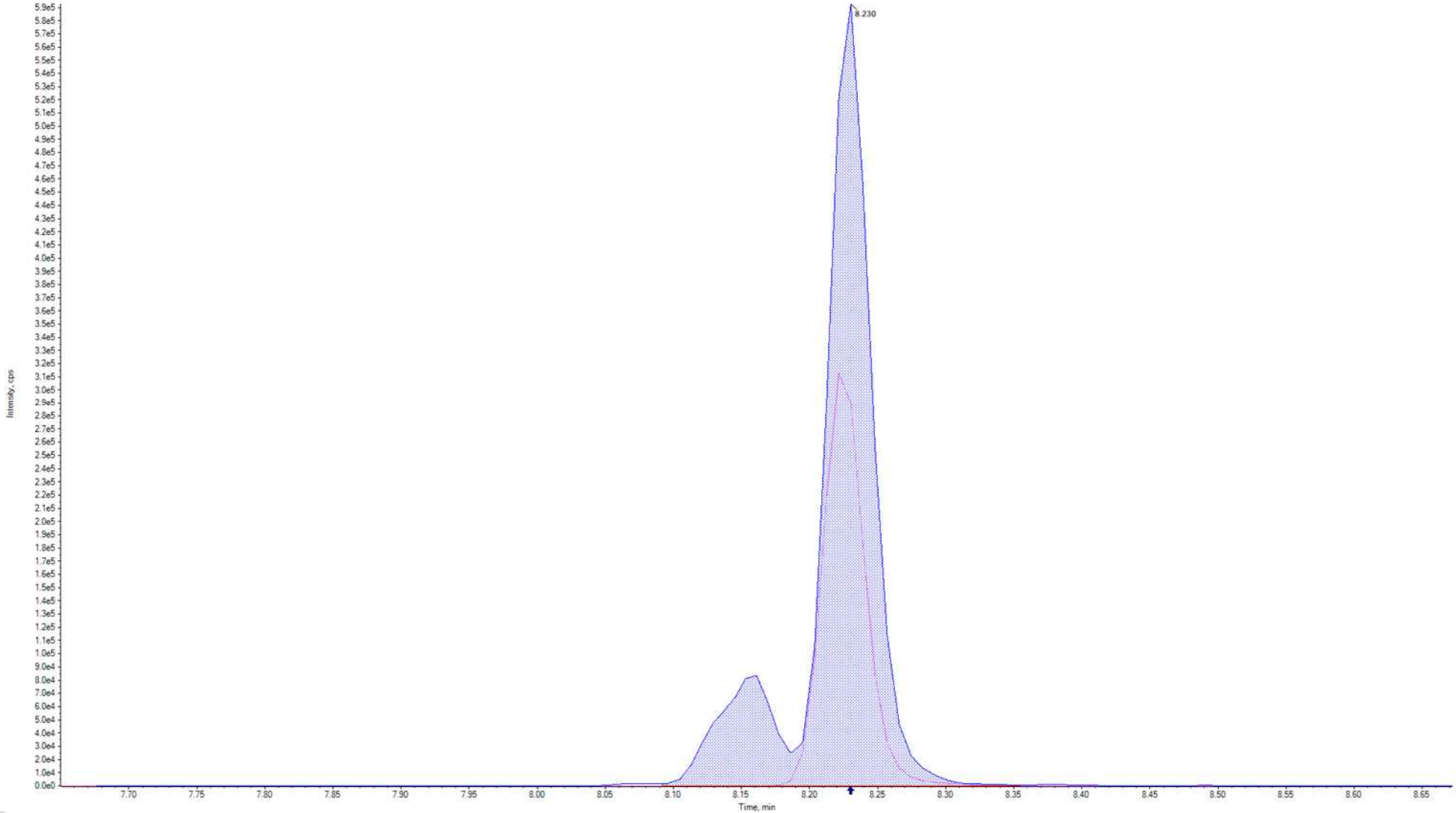
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA
Sample: IA1633STD-25 S/N:1458.8 Points Across peak:42



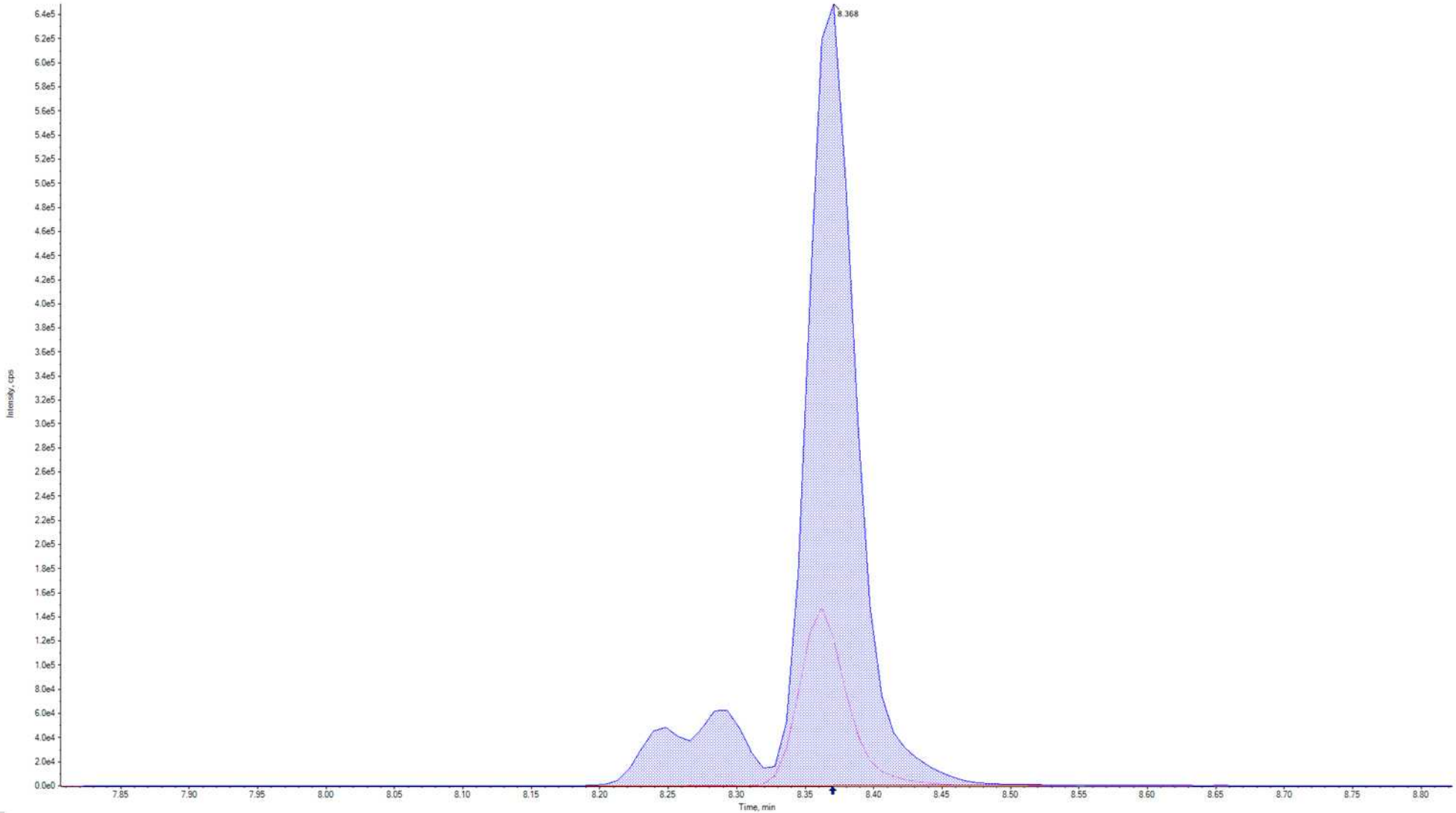
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA_2
Sample: IA1633STD-25 S/N:891.1 Points Across peak:33



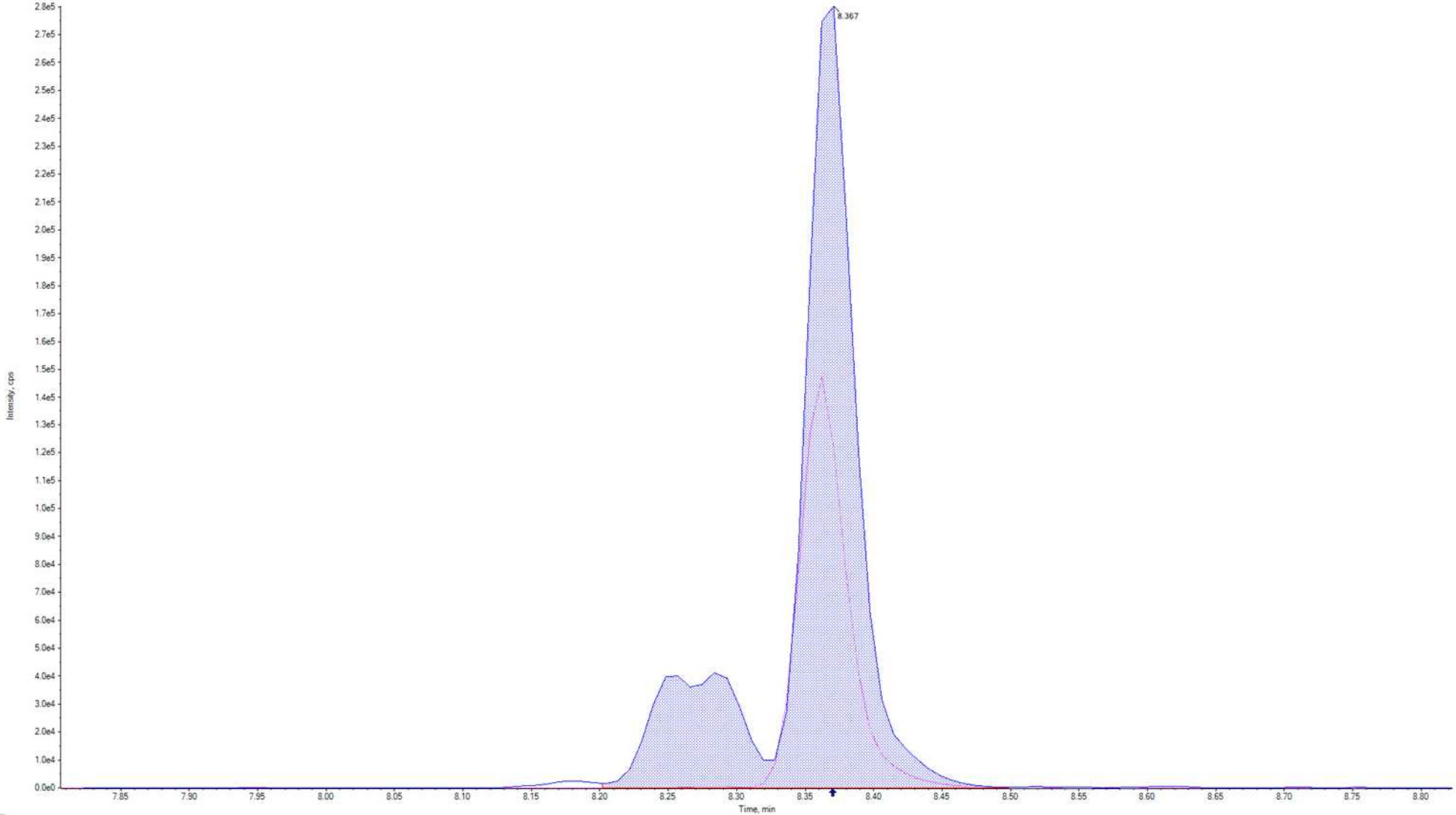
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA
Sample: IA1633STD-25 S/N:1061.5 Points Across peak:44



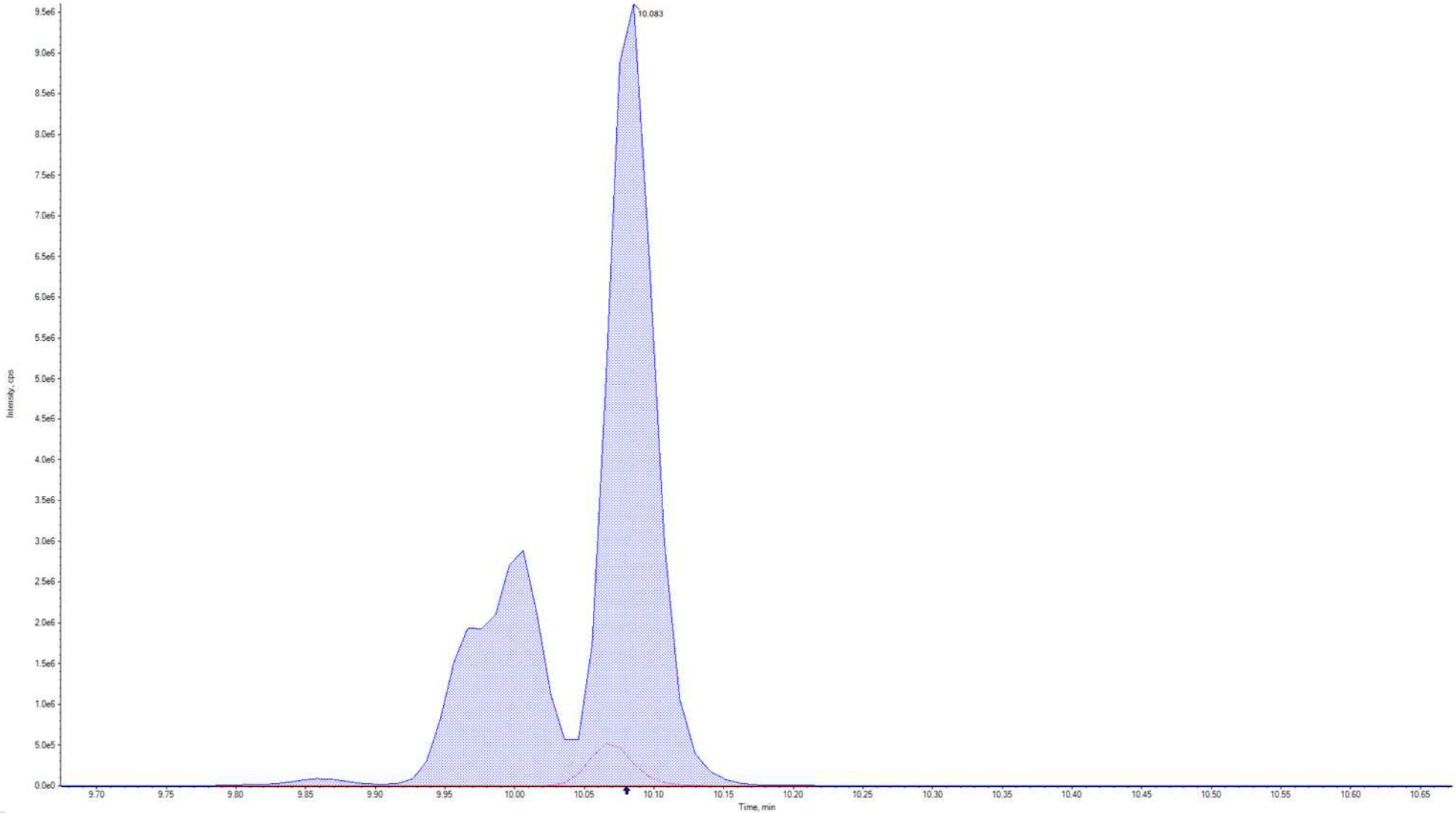
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA_2
Sample: IA1633STD-25 S/N:539.3 Points Across peak:36



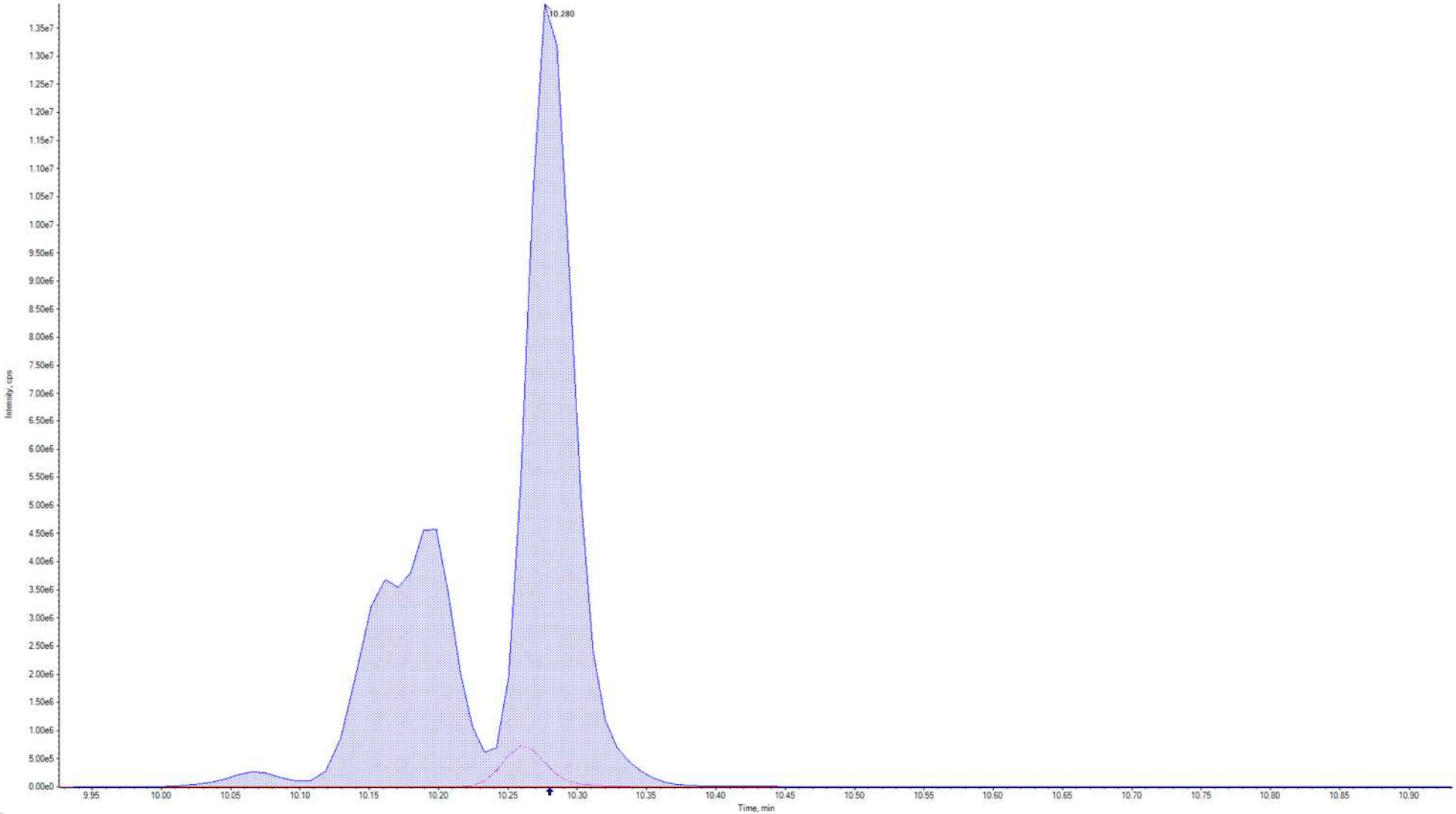
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSE
Sample: IA1633STD-25 S/N:10770.8 Points Across peak:63



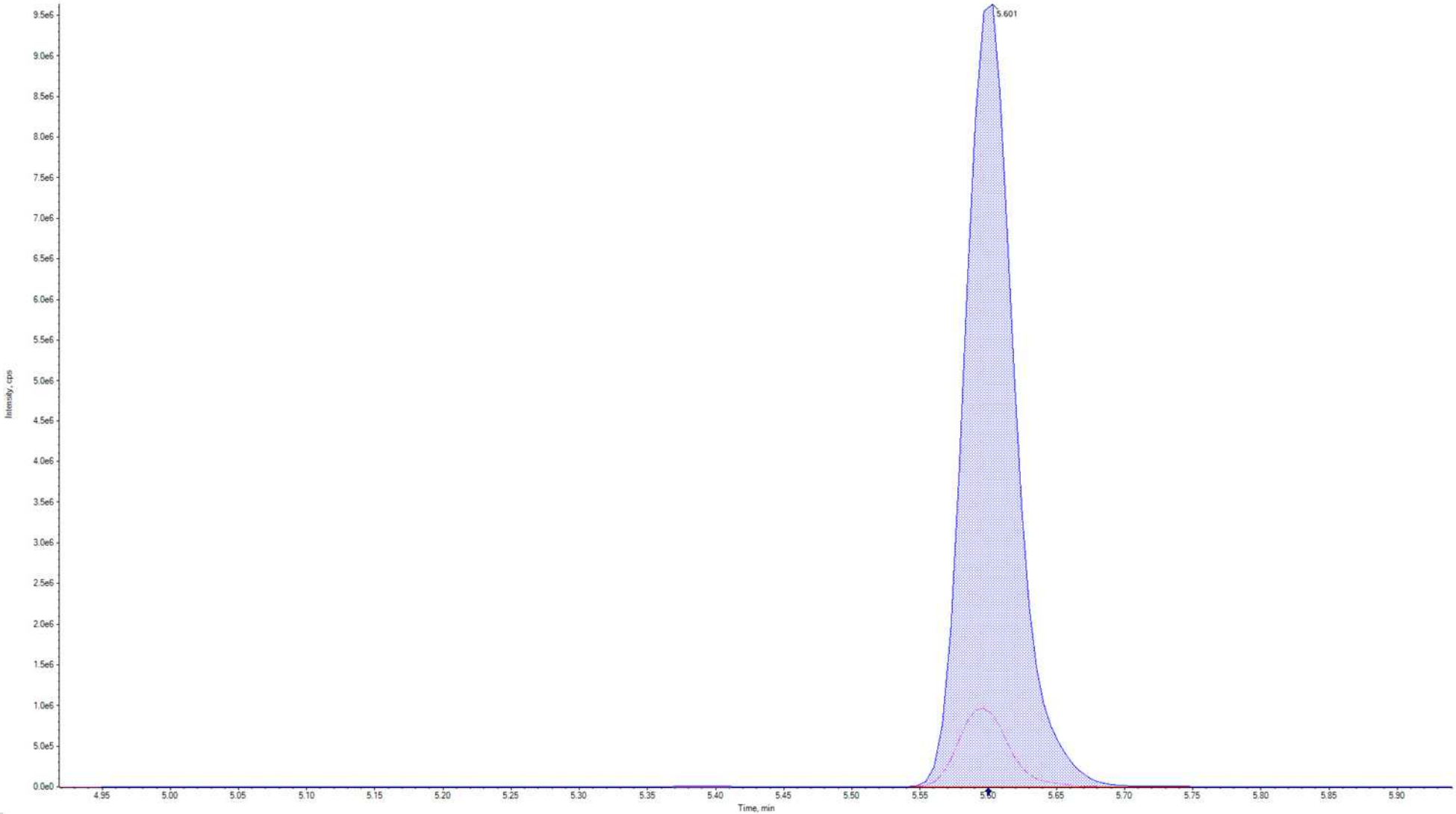
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSE
Sample: IA1633STD-25 S/N:4971.7 Points Across peak:60



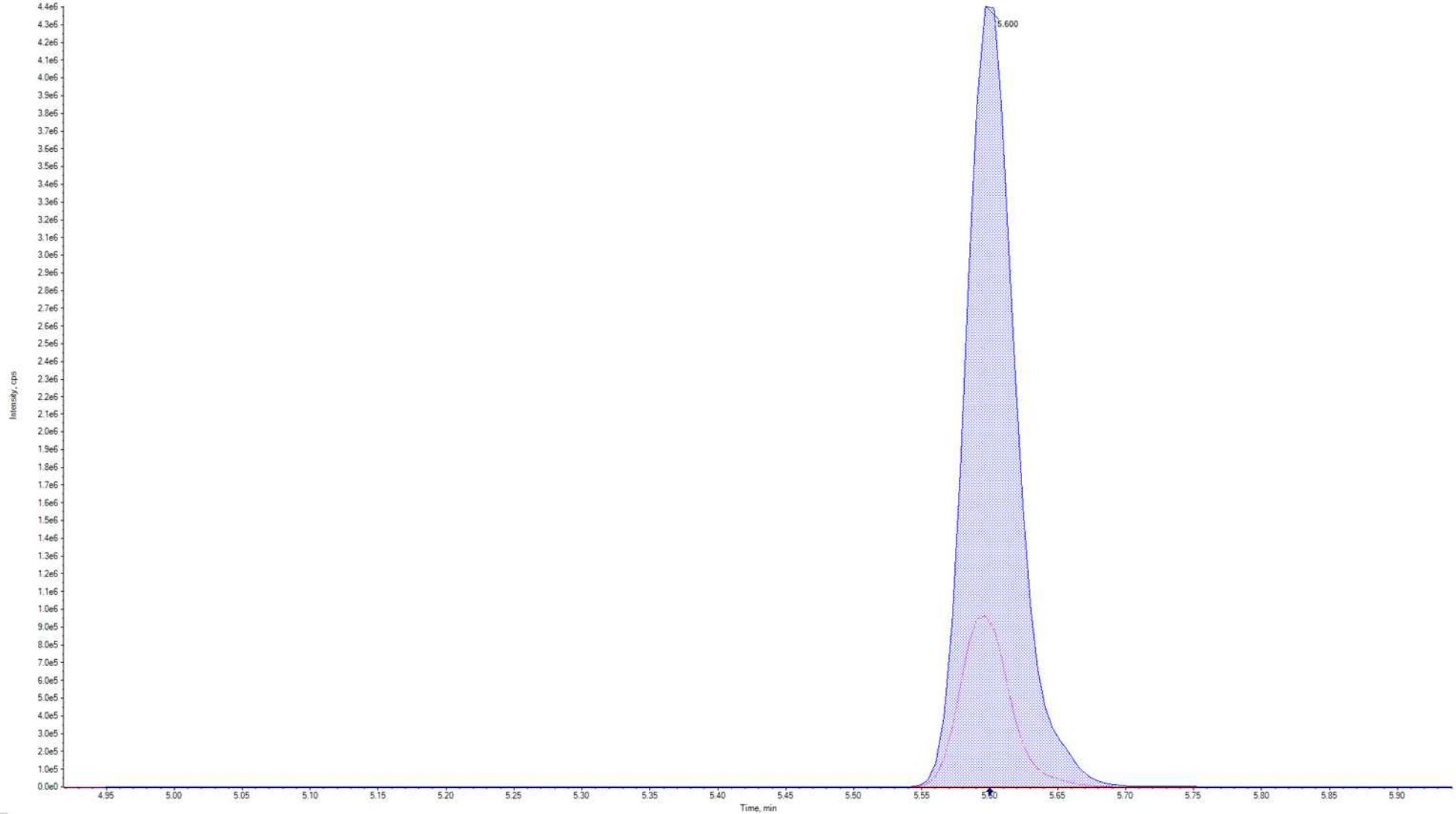
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA
Sample: IA1633STD-25 S/N:38611.0 Points Across peak:56



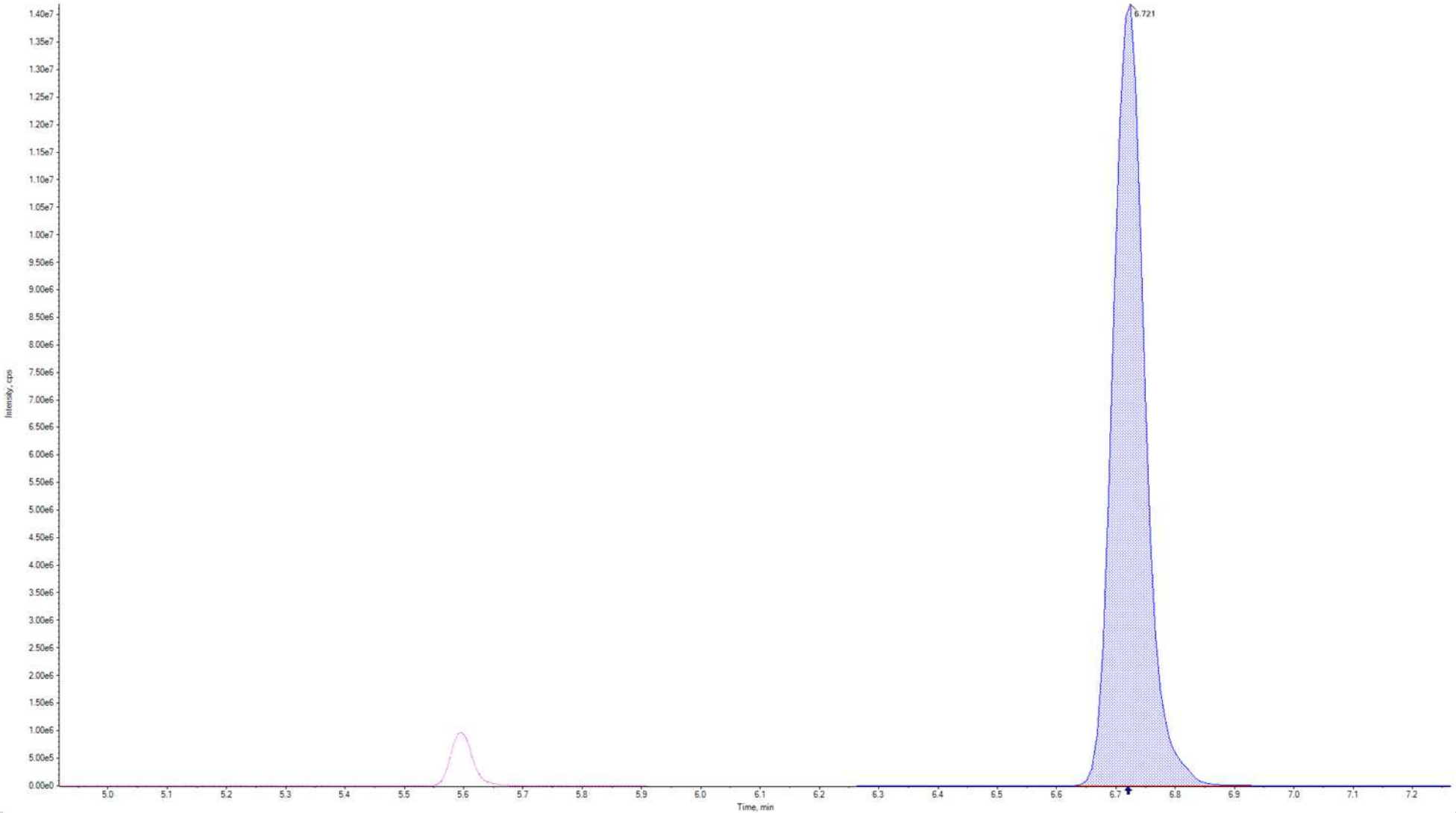
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA_2
Sample: IA1633STD-25 S/N:16624.9 Points Across peak:53



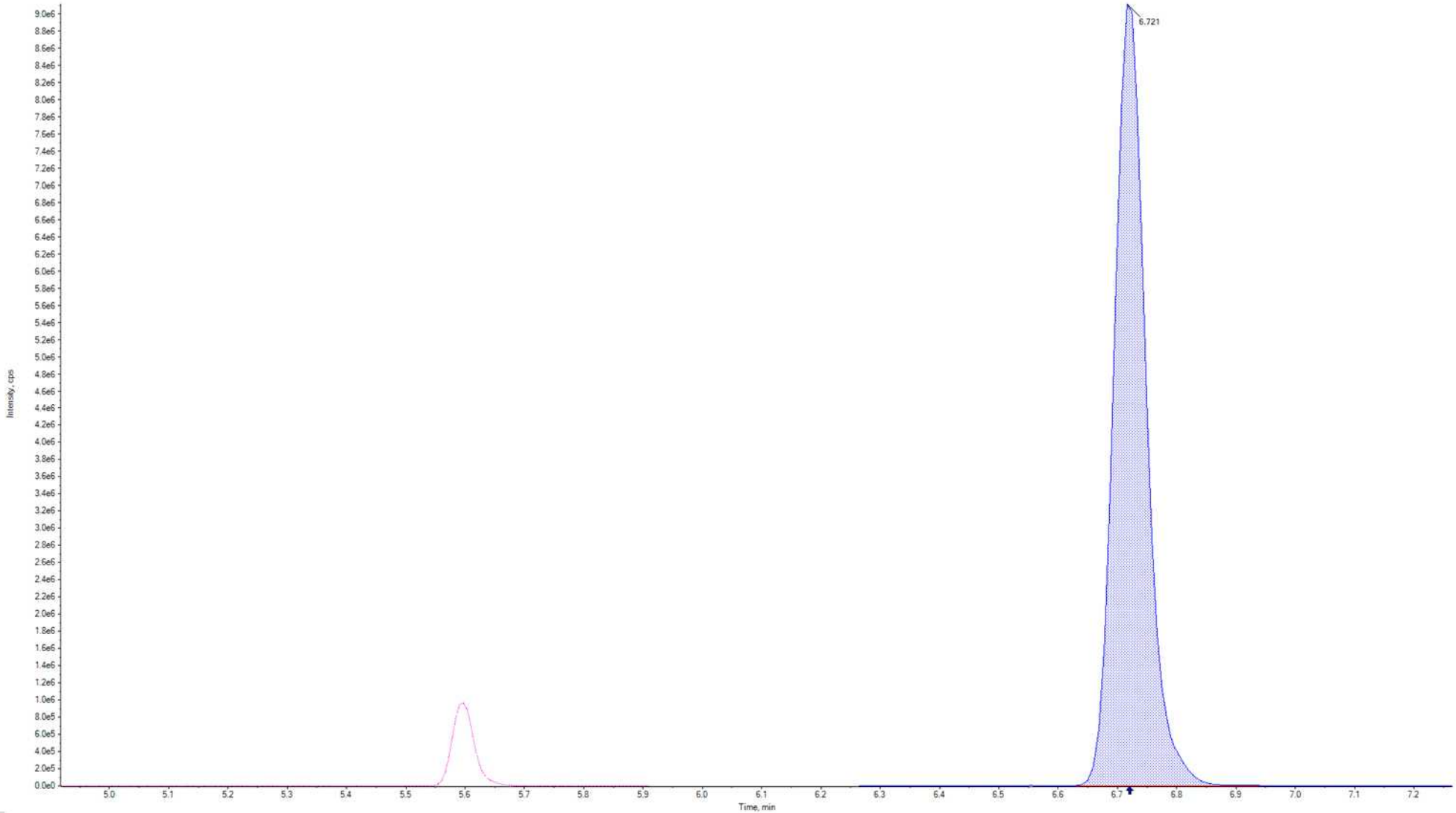
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

ADONA
Sample: IA1633STD-25 S/N:25828.2 Points Across peak:47



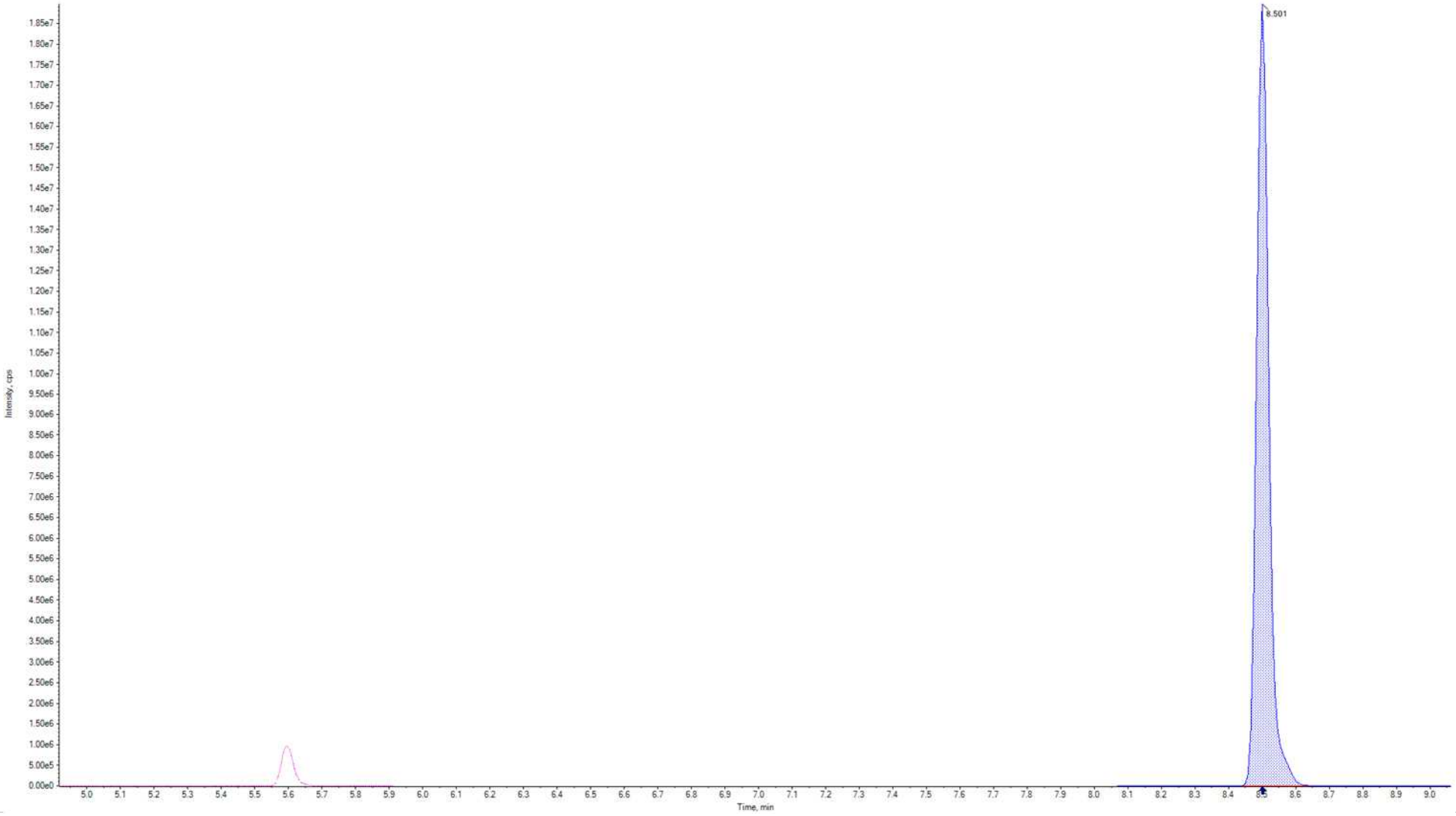
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

ADONA_2
Sample: IA1633STD-25 S/N:29993.7 Points Across peak:49



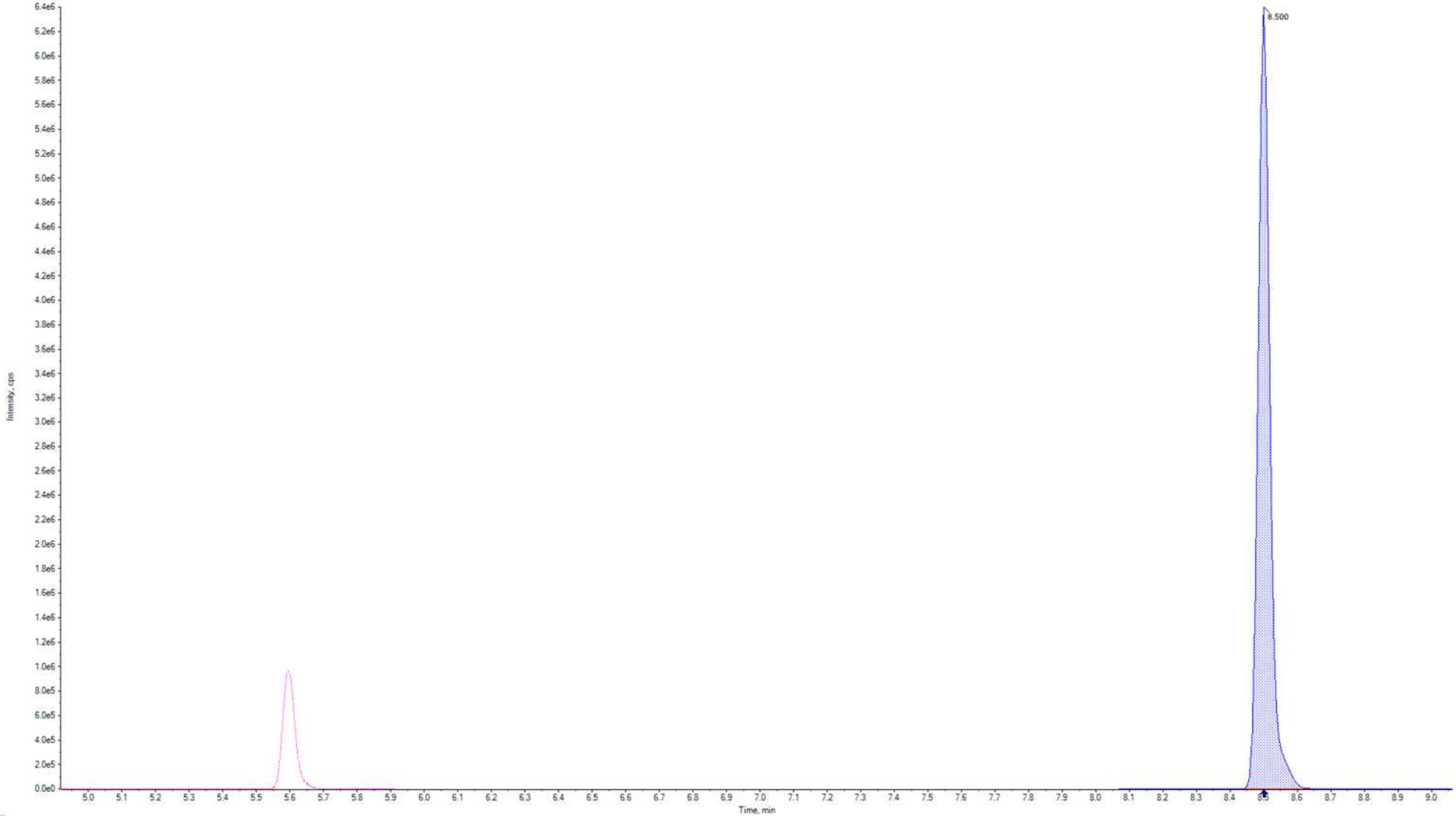
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS
Sample: IA1633STD-25 S/N:96371.0 Points Across peak:46



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS_2
Sample: IA1633STD-25 S/N:1289348.6 Points Across peak:39



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS
Sample: IA1633STD-25 S/N:101213.8 Points Across peak:49



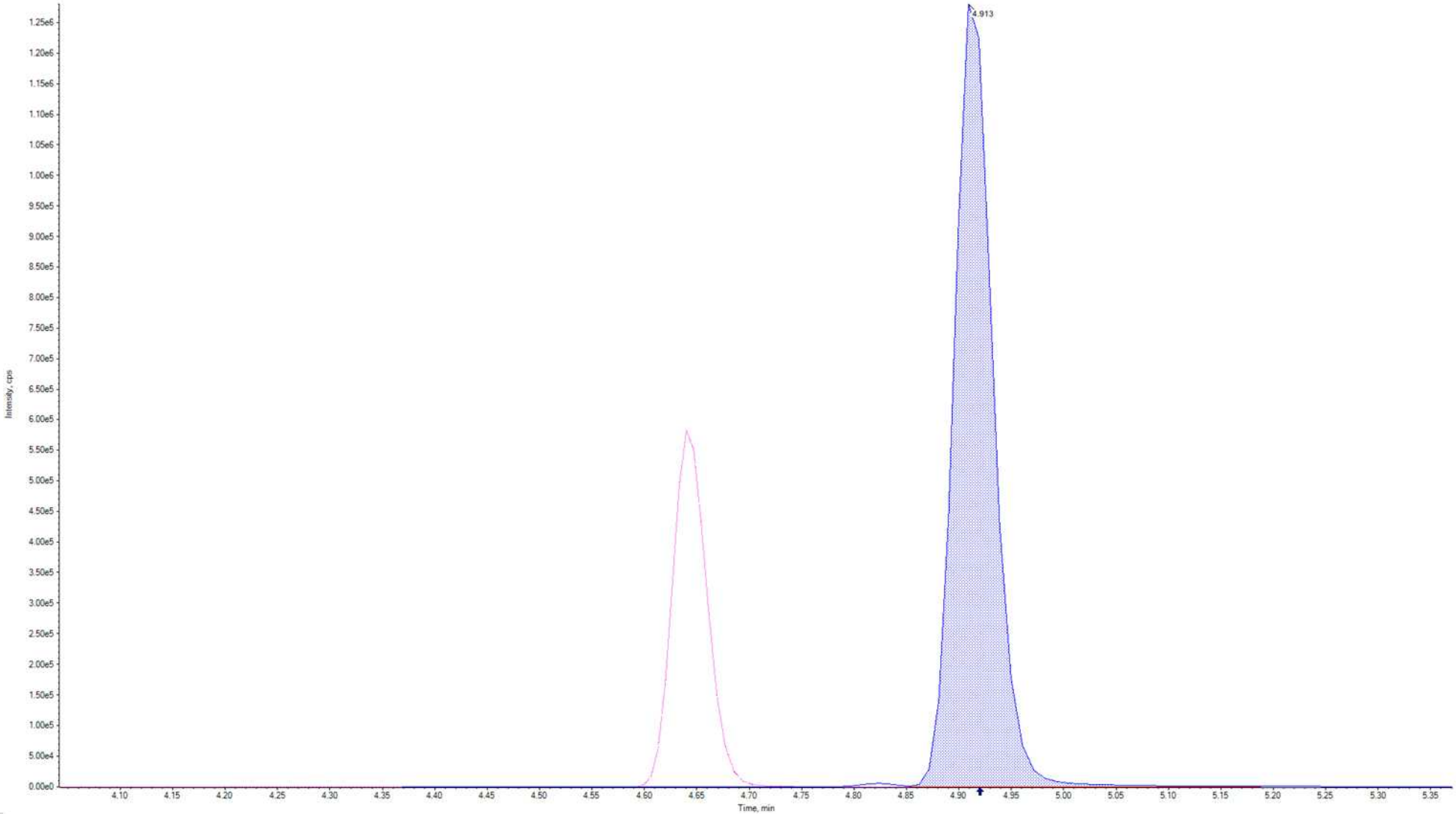
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS_2
Sample: IA1633STD-25 S/N:235146.5 Points Across peak:51



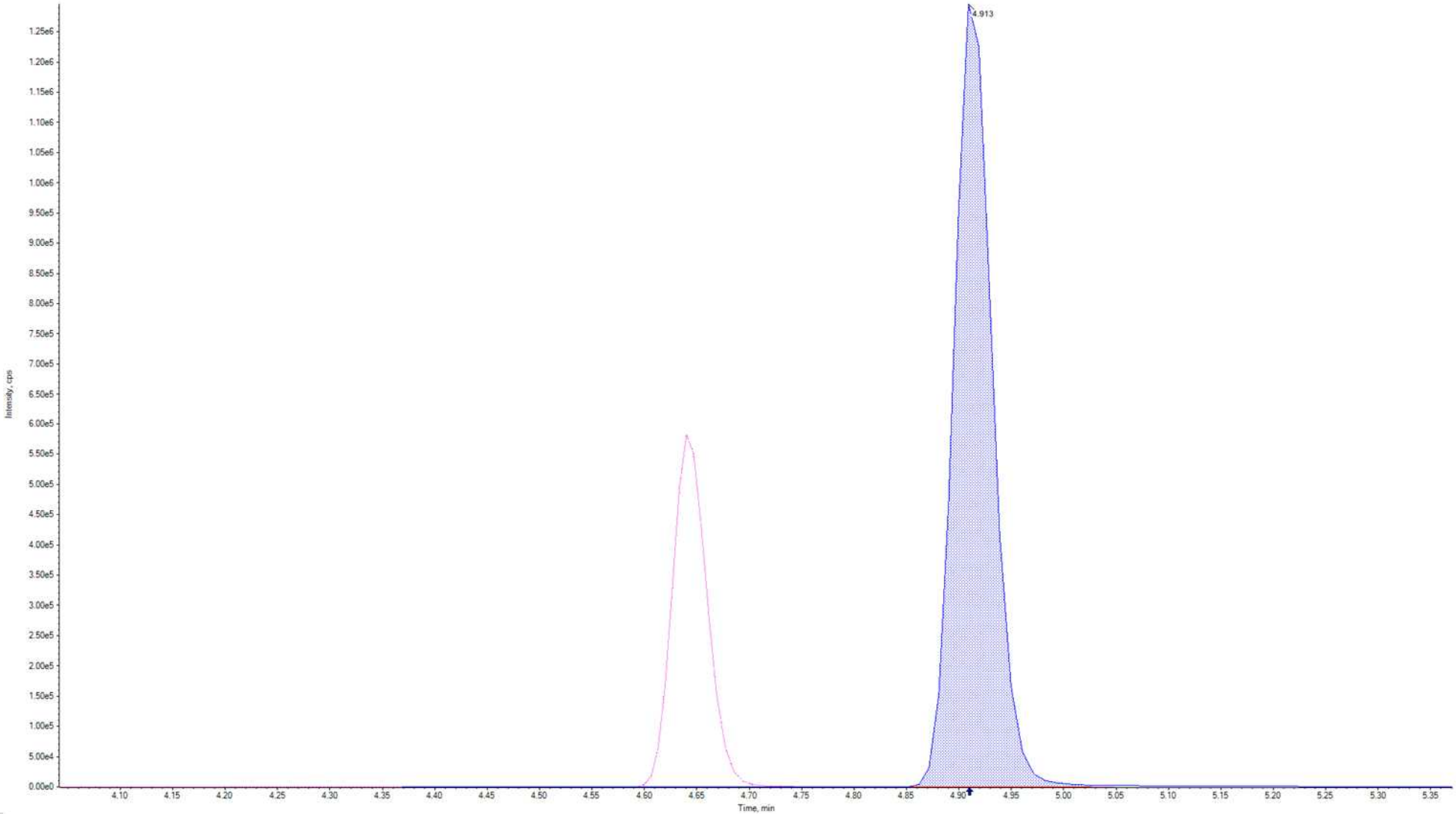
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA
Sample: IA1633STD-25 S/N:480675.0 Points Across peak:36



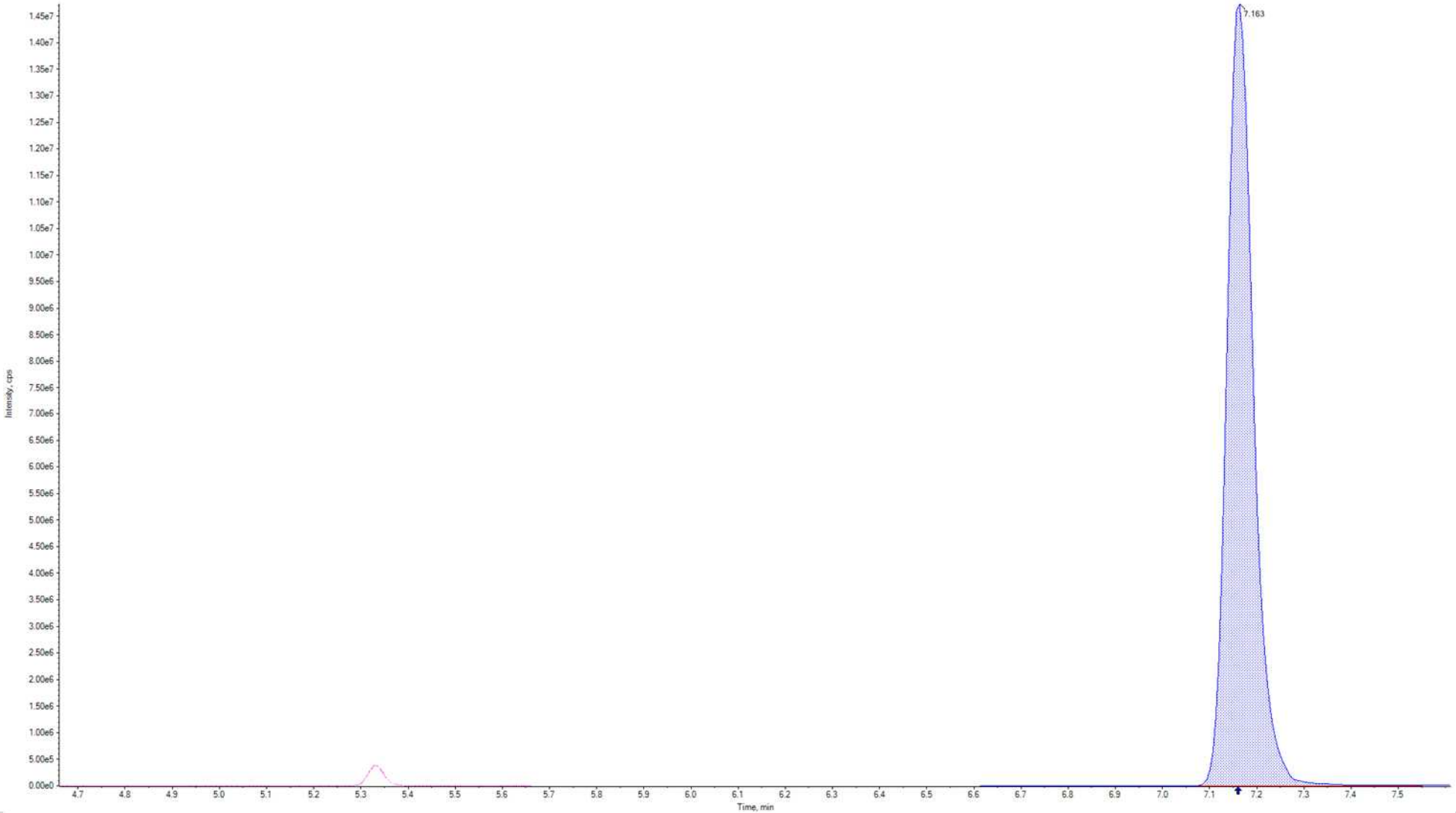
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA_2
Sample: IA1633STD-25 S/N:5732.7 Points Across peak:19



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA
Sample: IA1633STD-25 S/N:27228.4 Points Across peak:85



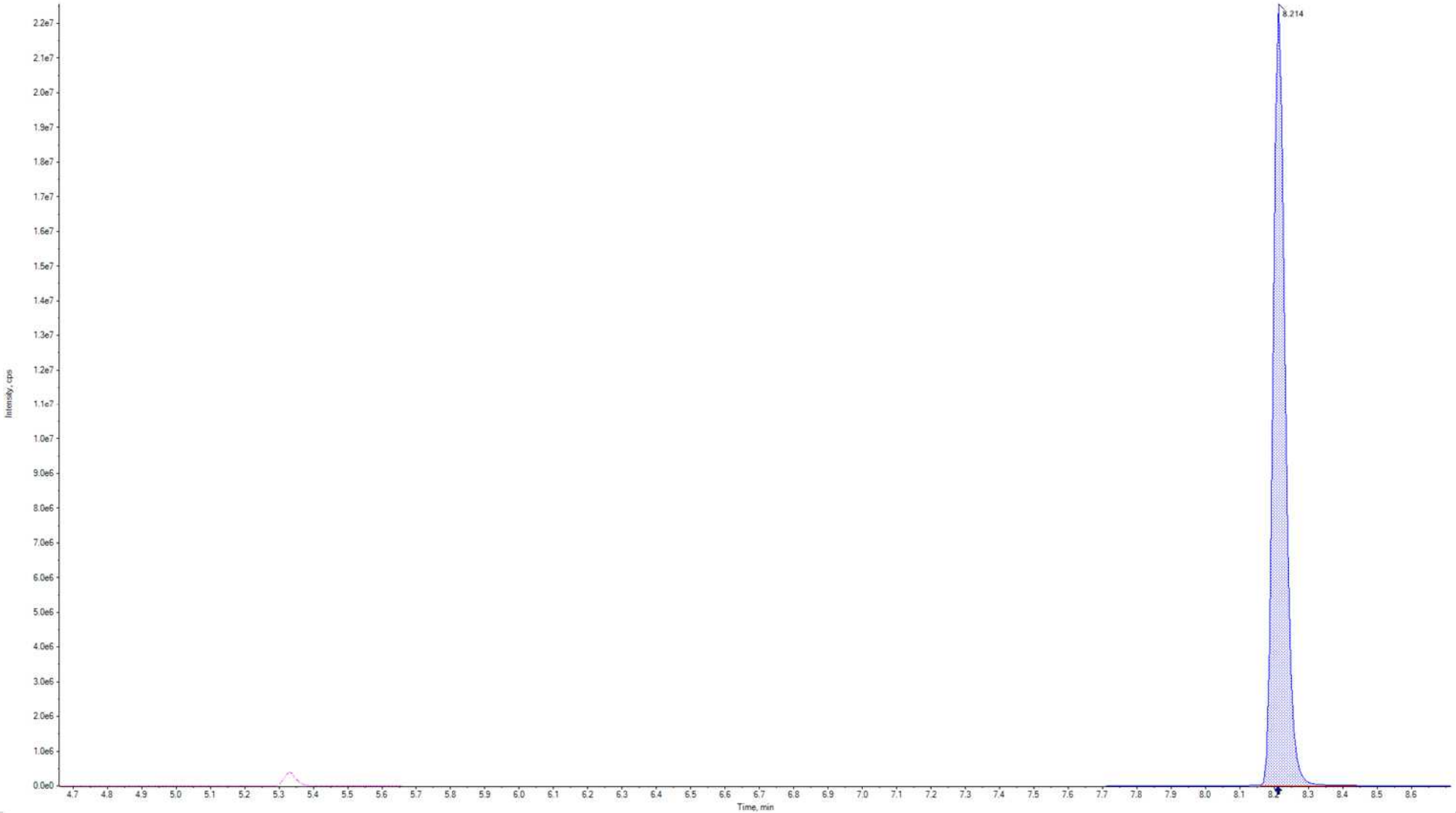
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA_2
Sample: IA1633STD-25 S/N:27038.7 Points Across peak:74



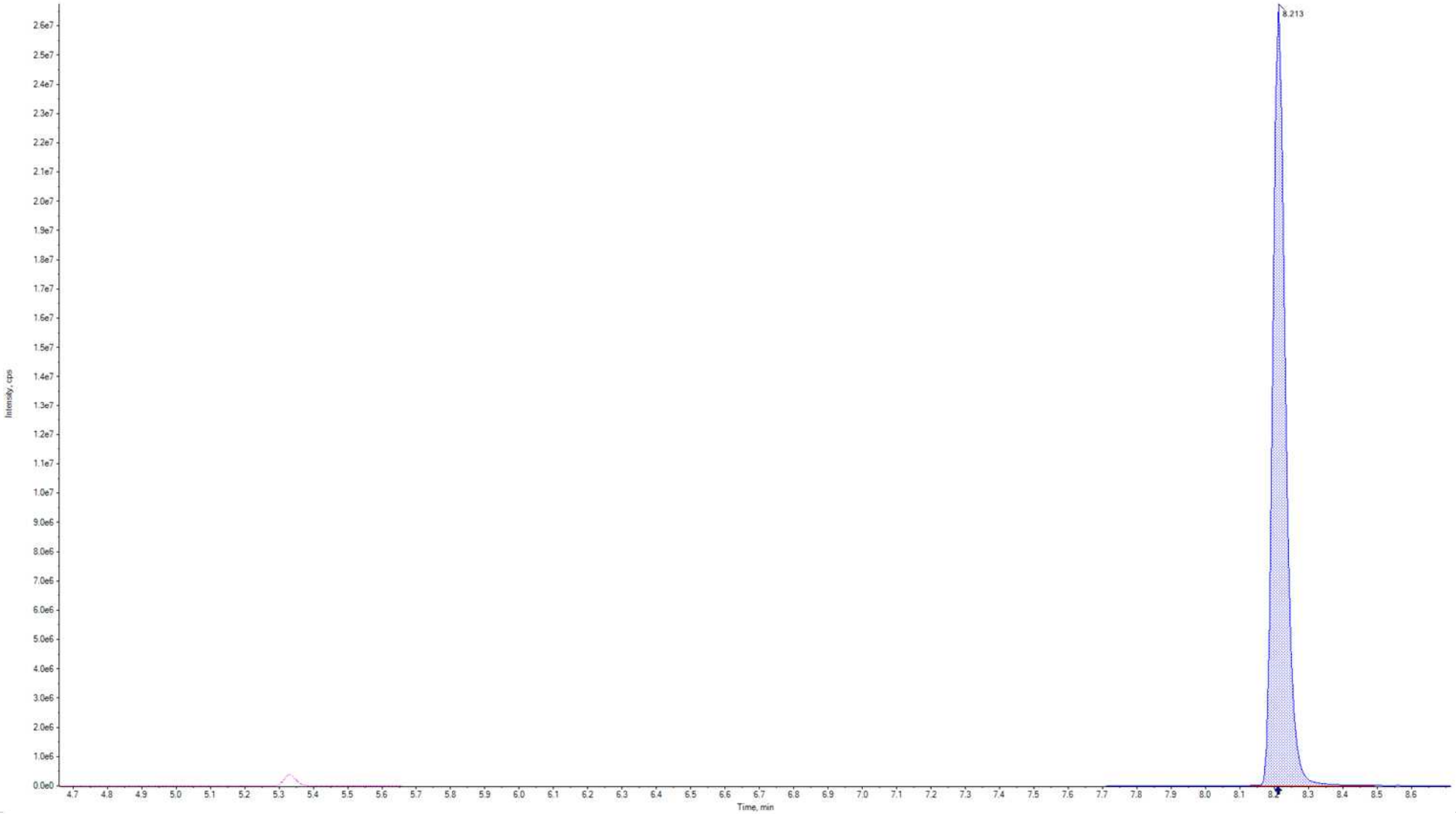
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA
Sample: IA1633STD-25 S/N:38567.0 Points Across peak:49



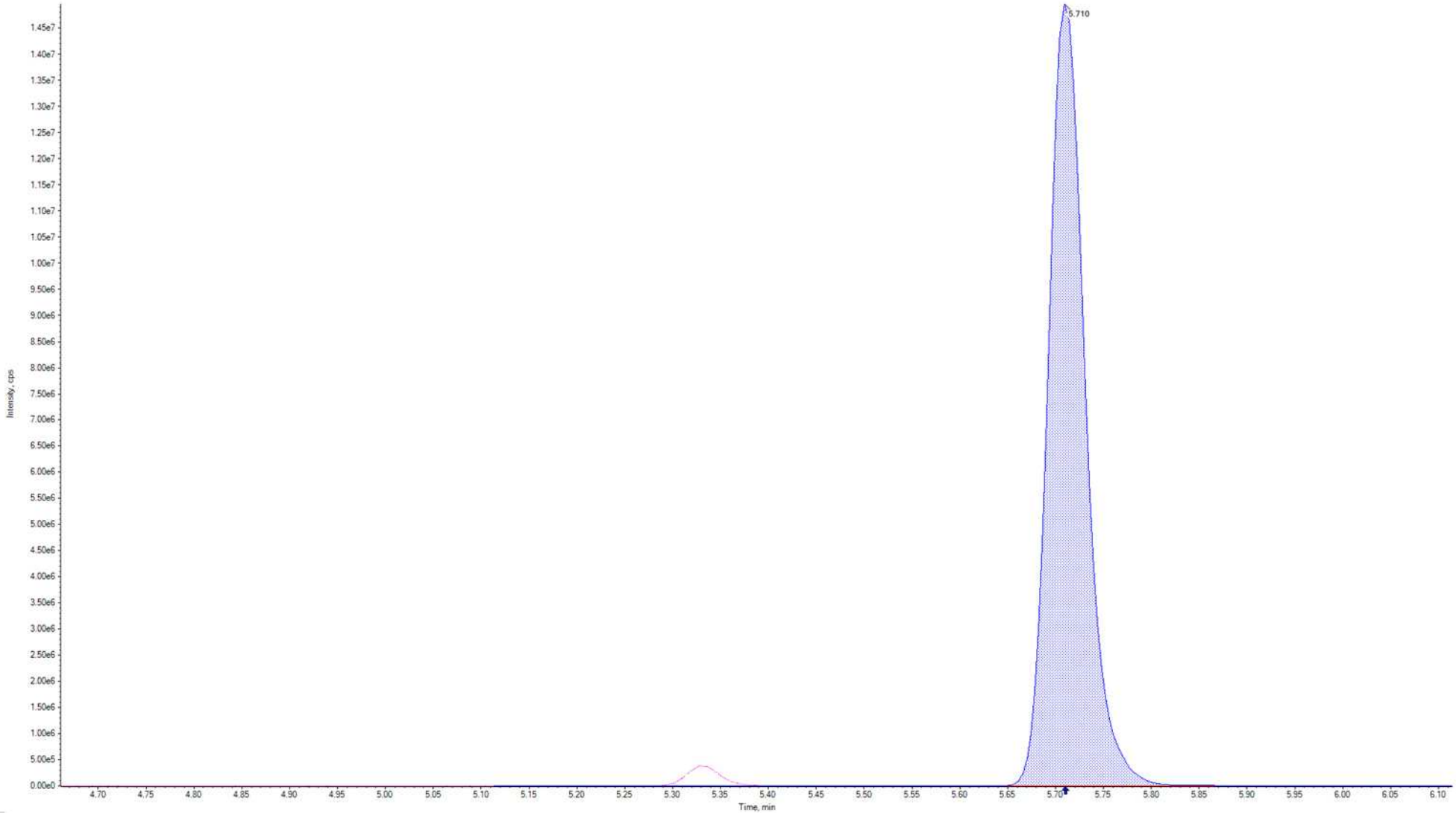
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA_2
Sample: IA1633STD-25 S/N:17409.8 Points Across peak:47



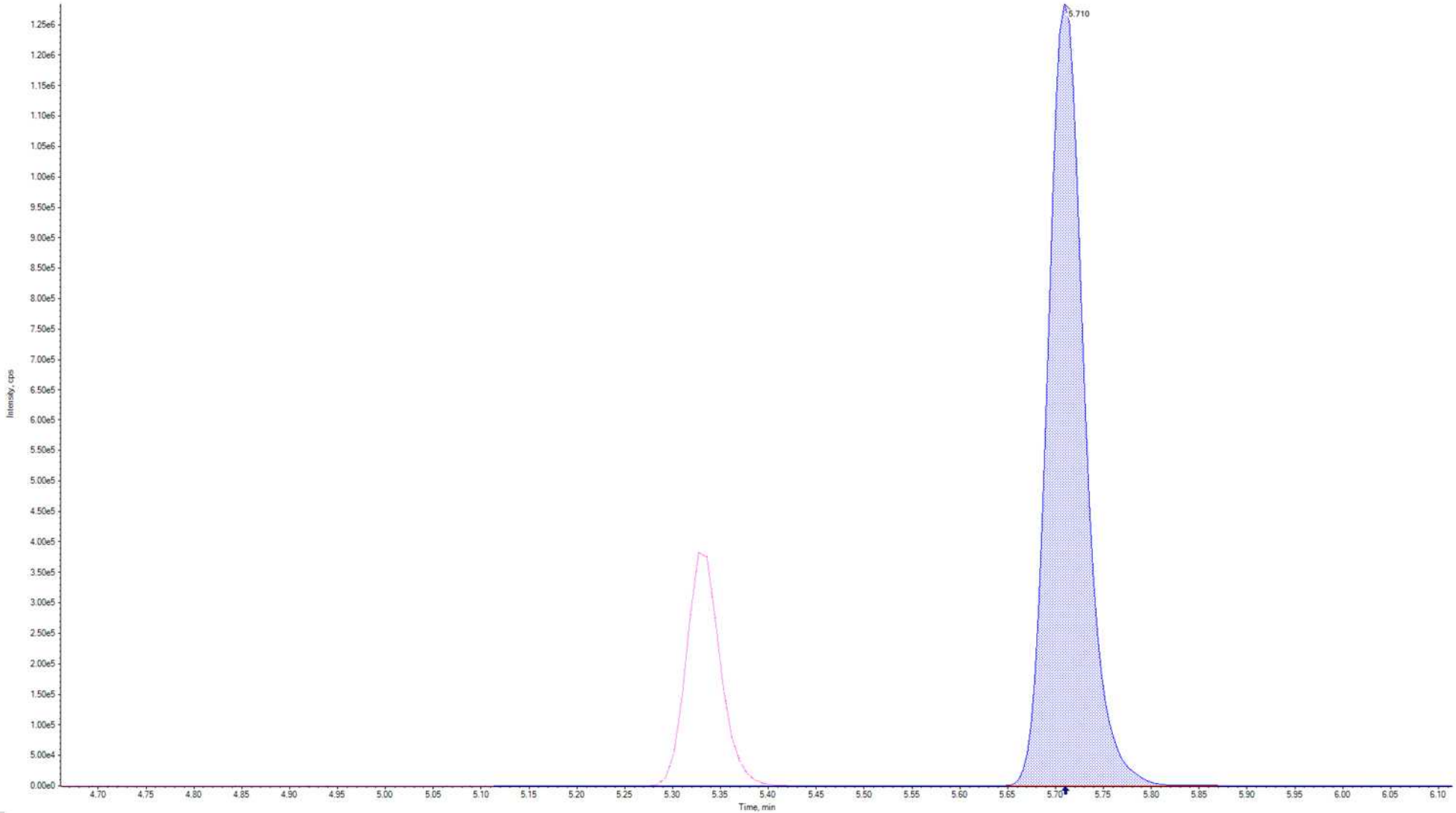
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA
Sample: IA1633STD-25 S/N:44053.1 Points Across peak:61



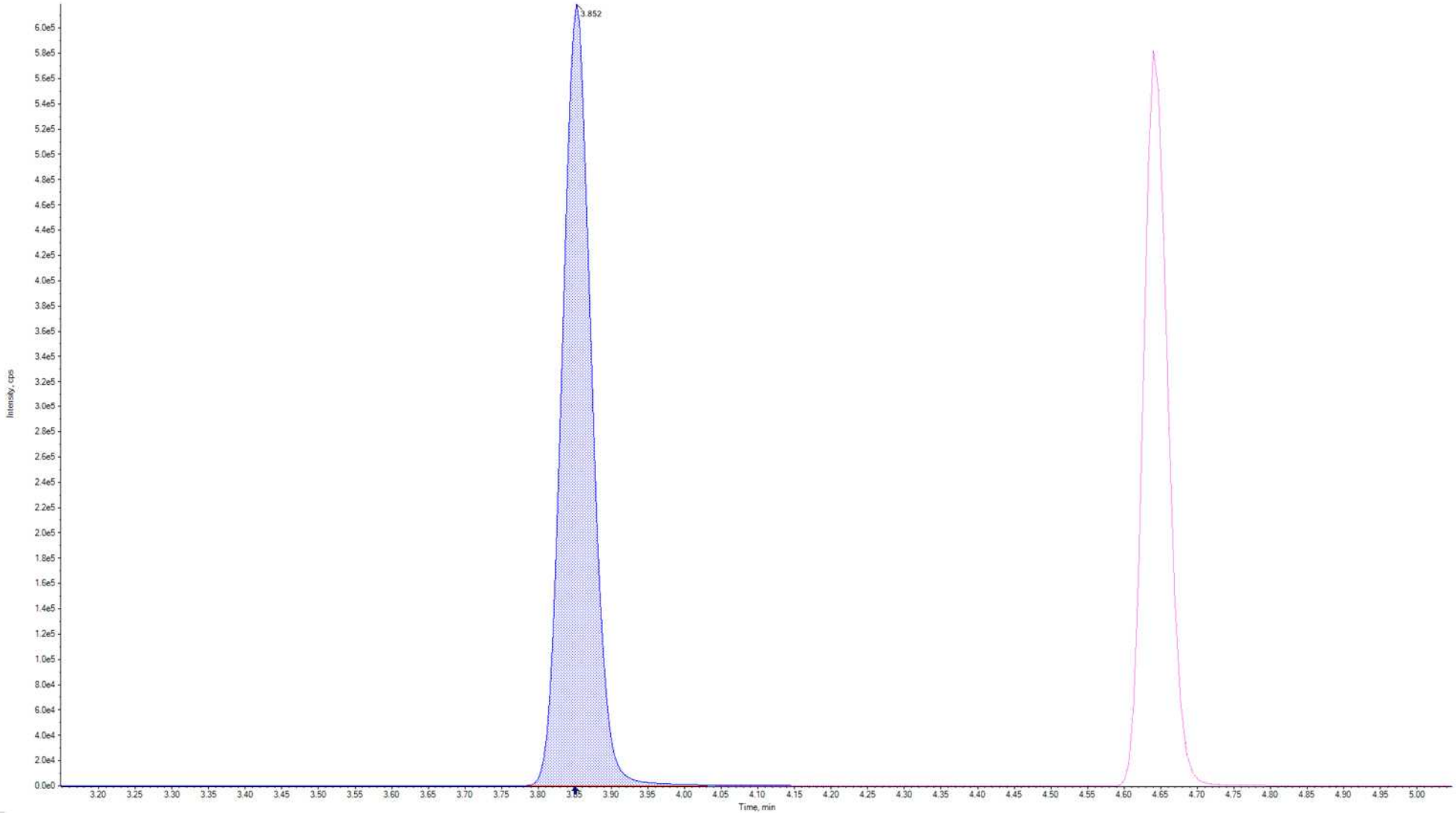
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA_2
Sample: IA1633STD-25 S/N:18454.5 Points Across peak:55



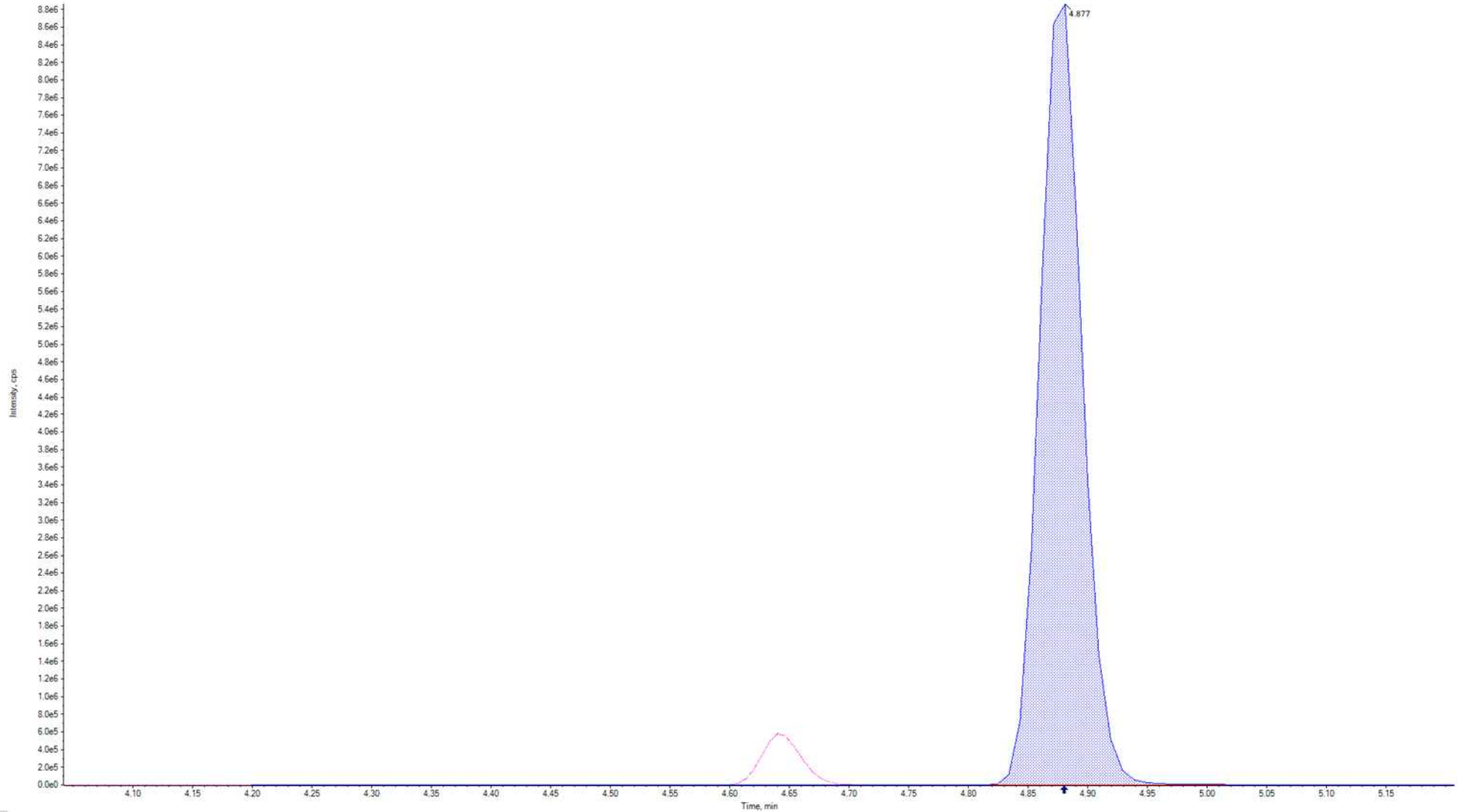
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFMPA
Sample: IA1633STD-25 S/N:10710.8 Points Across peak:66



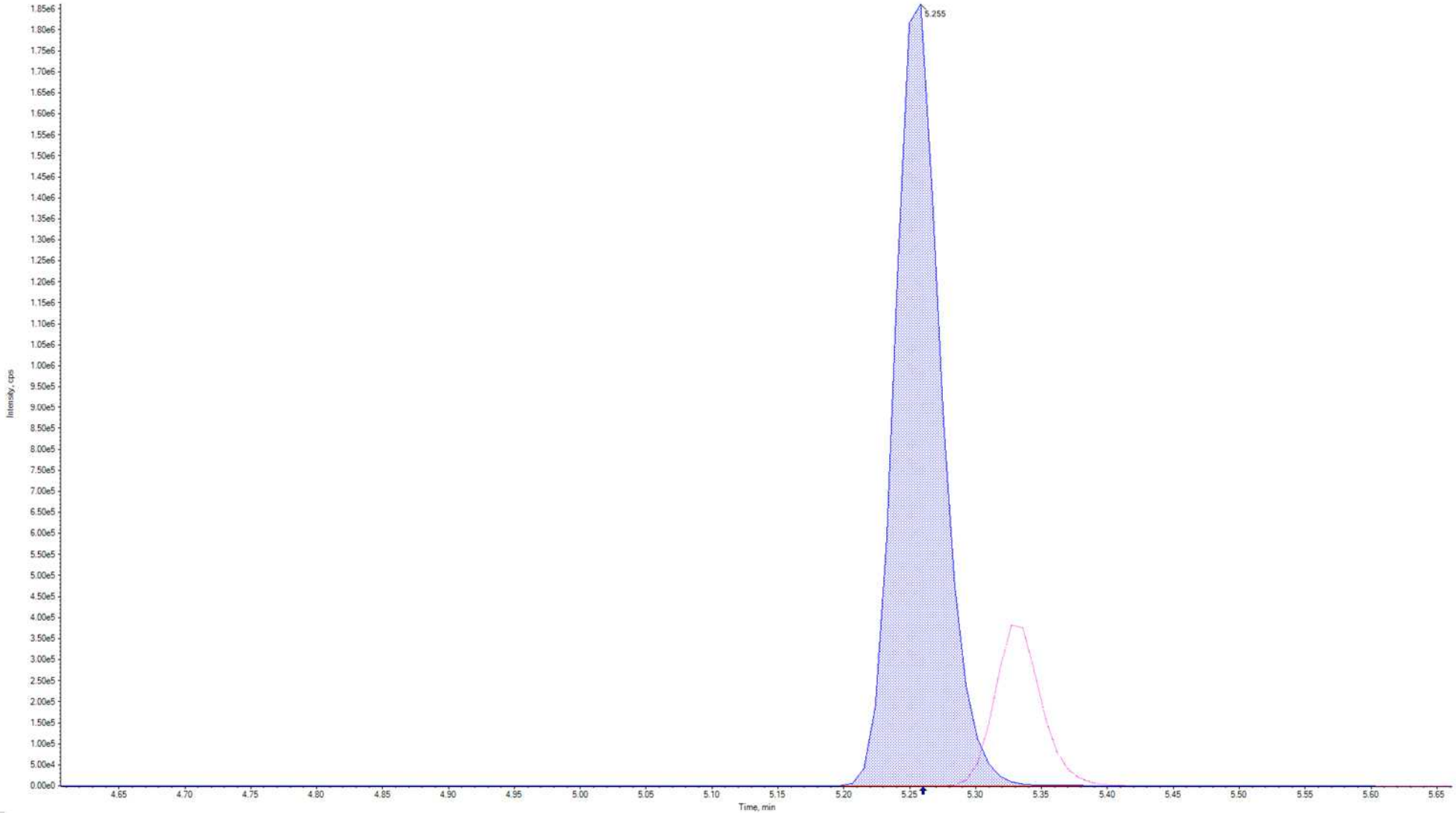
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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PFMBA
Sample: IA1633STD-25 S/N:18615.6 Points Across peak:36



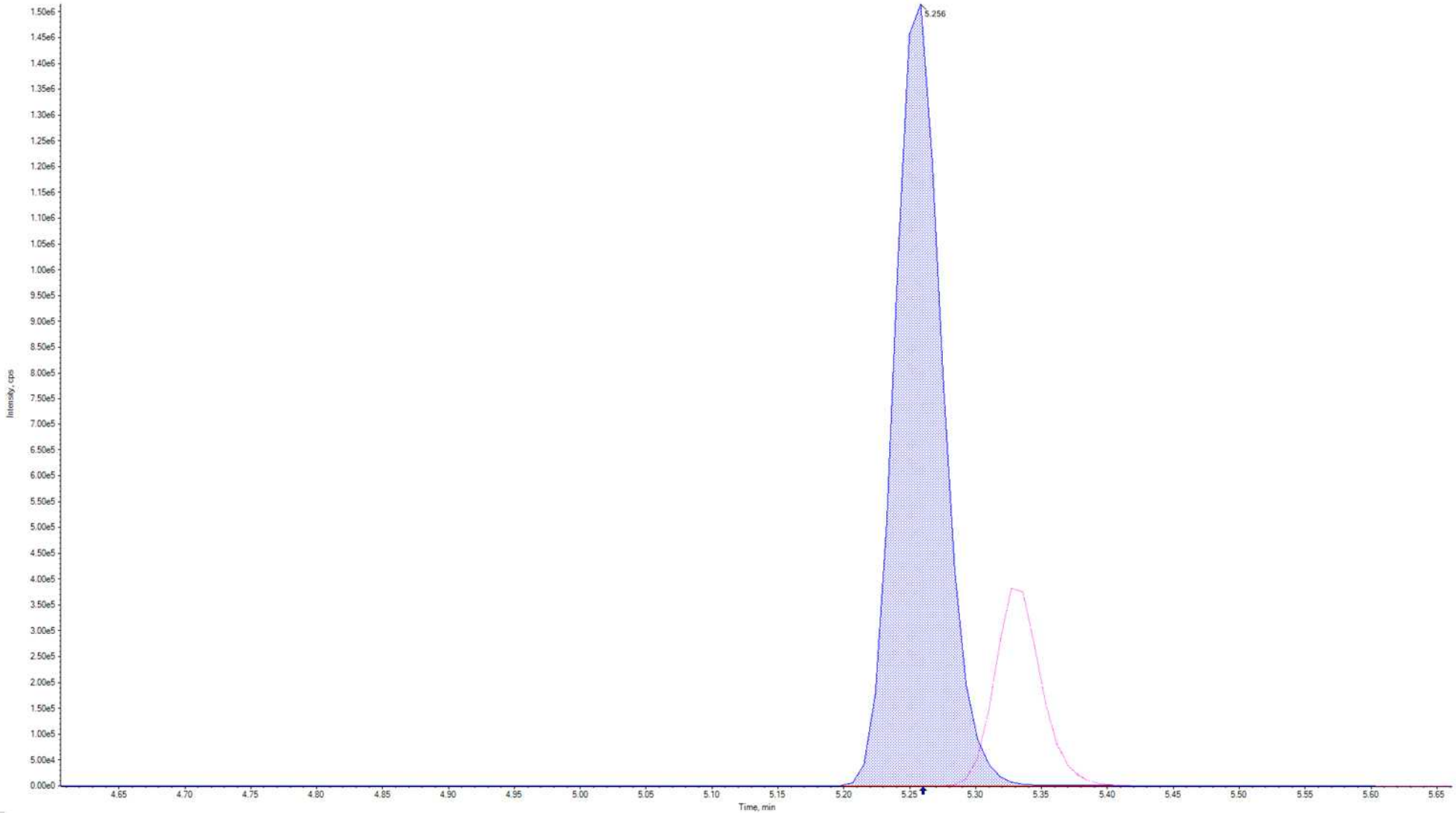
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
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Generated: 8/14/2024 6:27:11 AM

NFDHA
Sample: IA1633STD-25 S/N:6054.9 Points Across peak:37



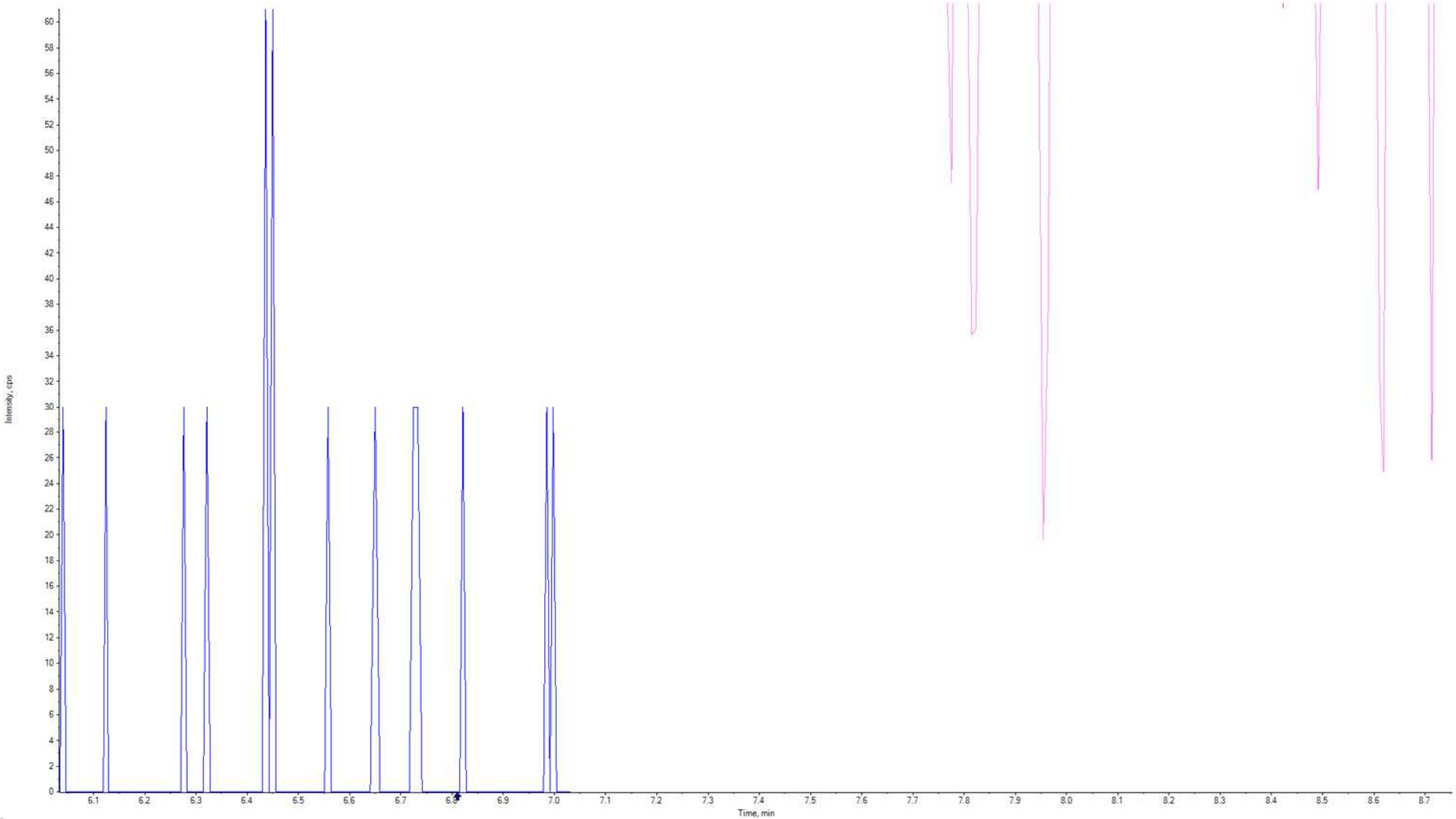
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NFDHA_2
Sample: IA1633STD-25 S/N:12005.3 Points Across peak:37



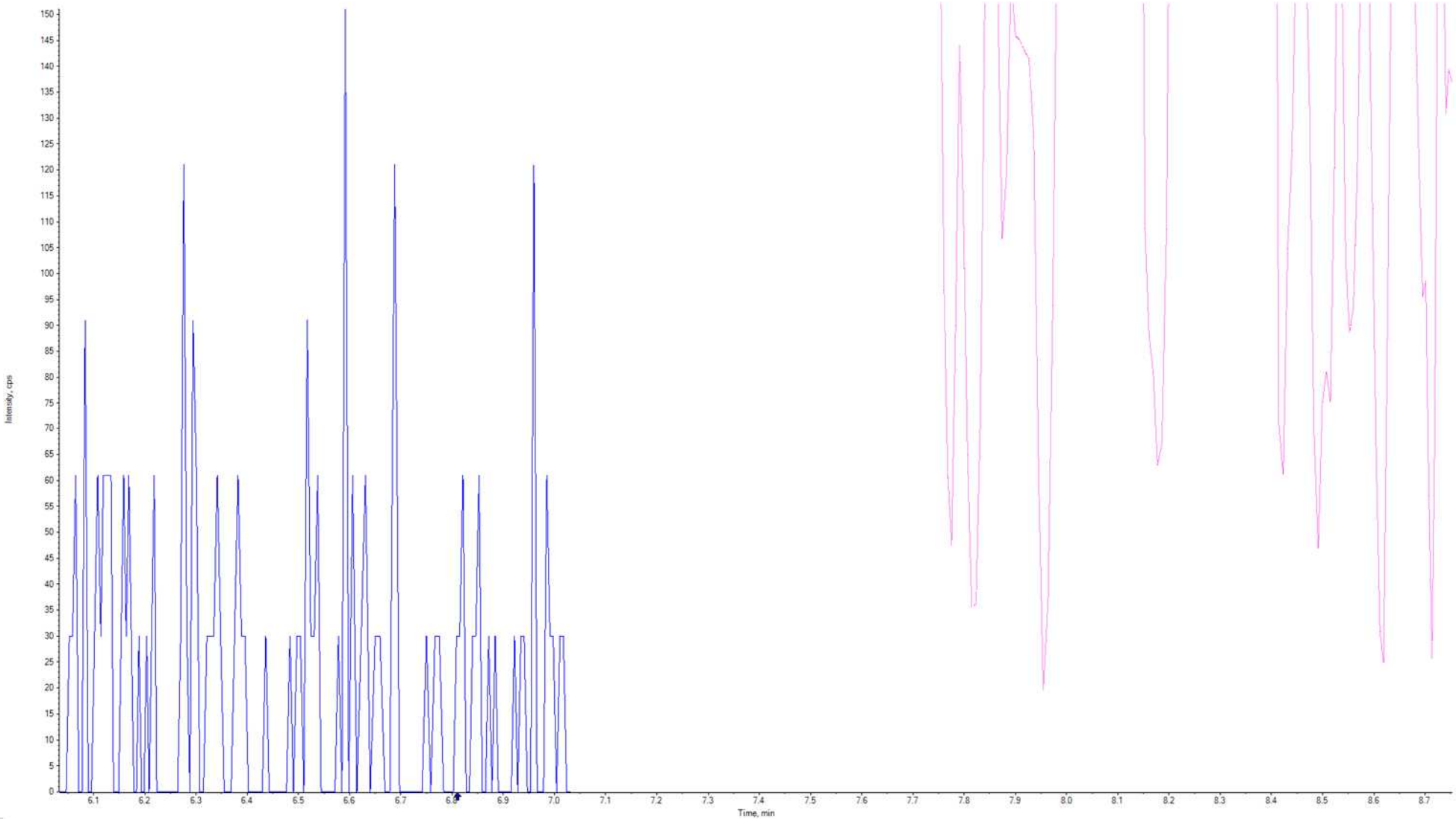
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

TDCA
Sample: IA1633STD-25 S/N:N/A Points Across peak:N/A



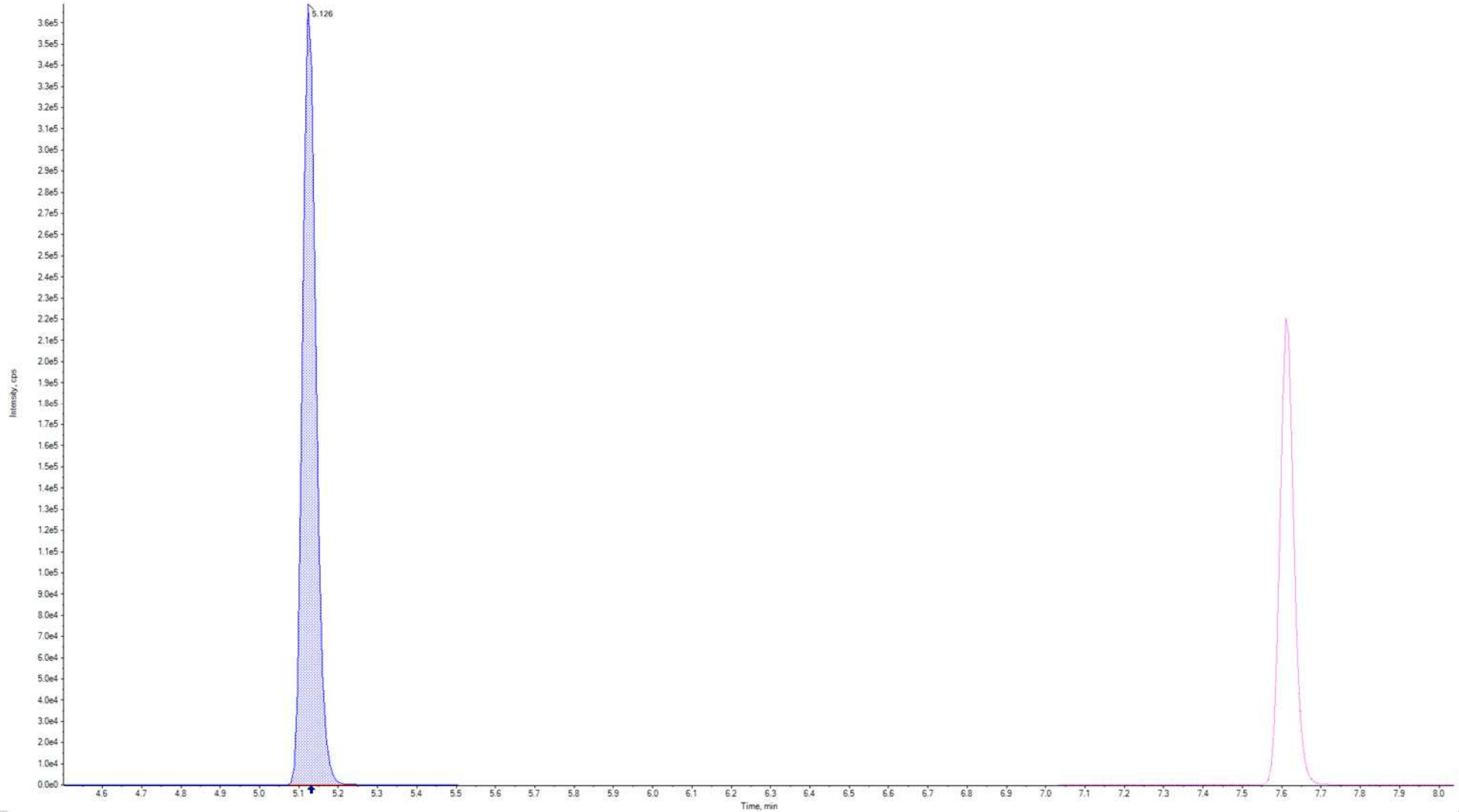
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

TDCA_2
Sample: IA1633STD-25 S/N:N/A Points Across peak:N/A



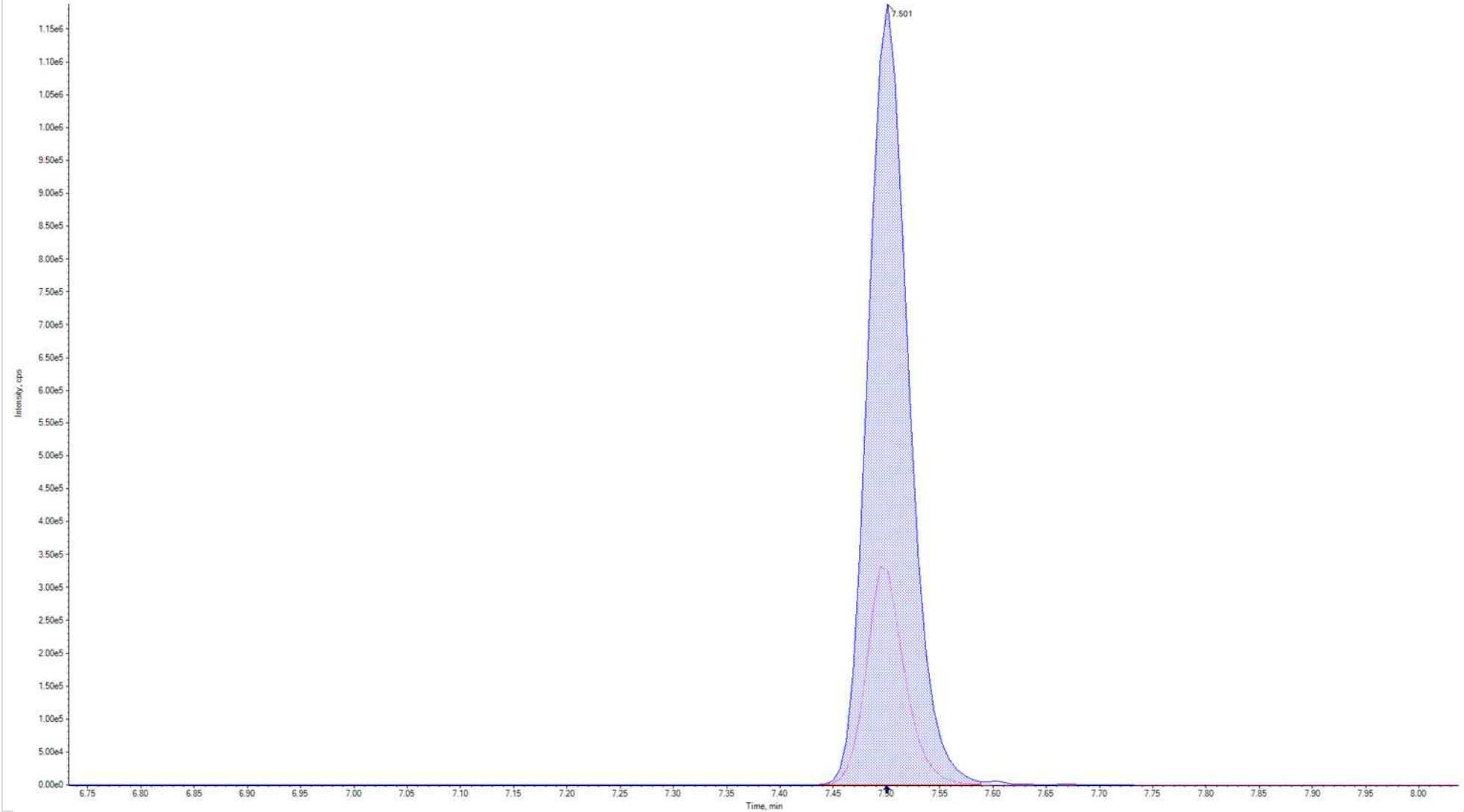
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

13C2D4-4:2FTS
Sample: IA1633STD-25 S/N:10885.7 Points Across peak:29

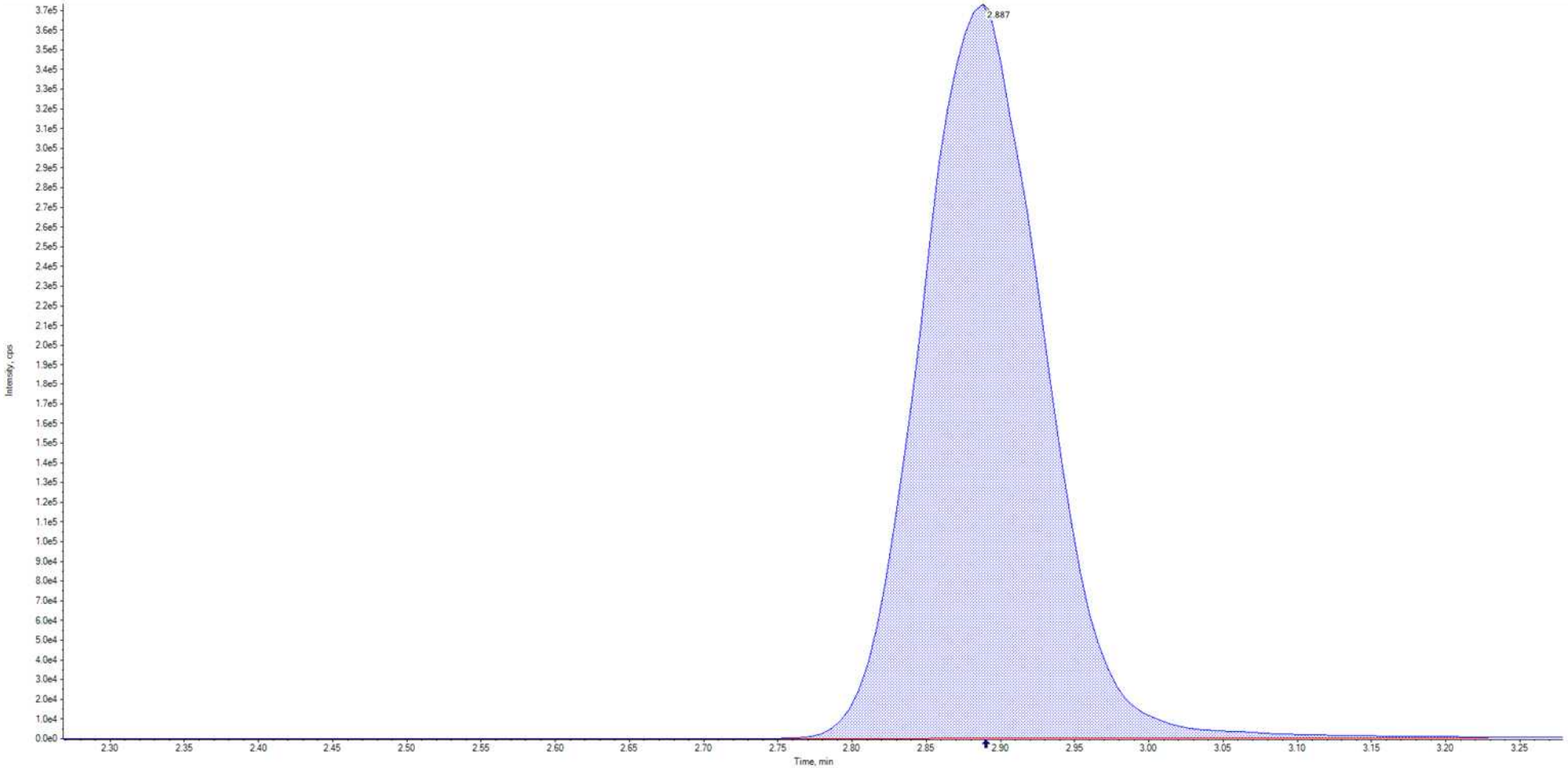


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

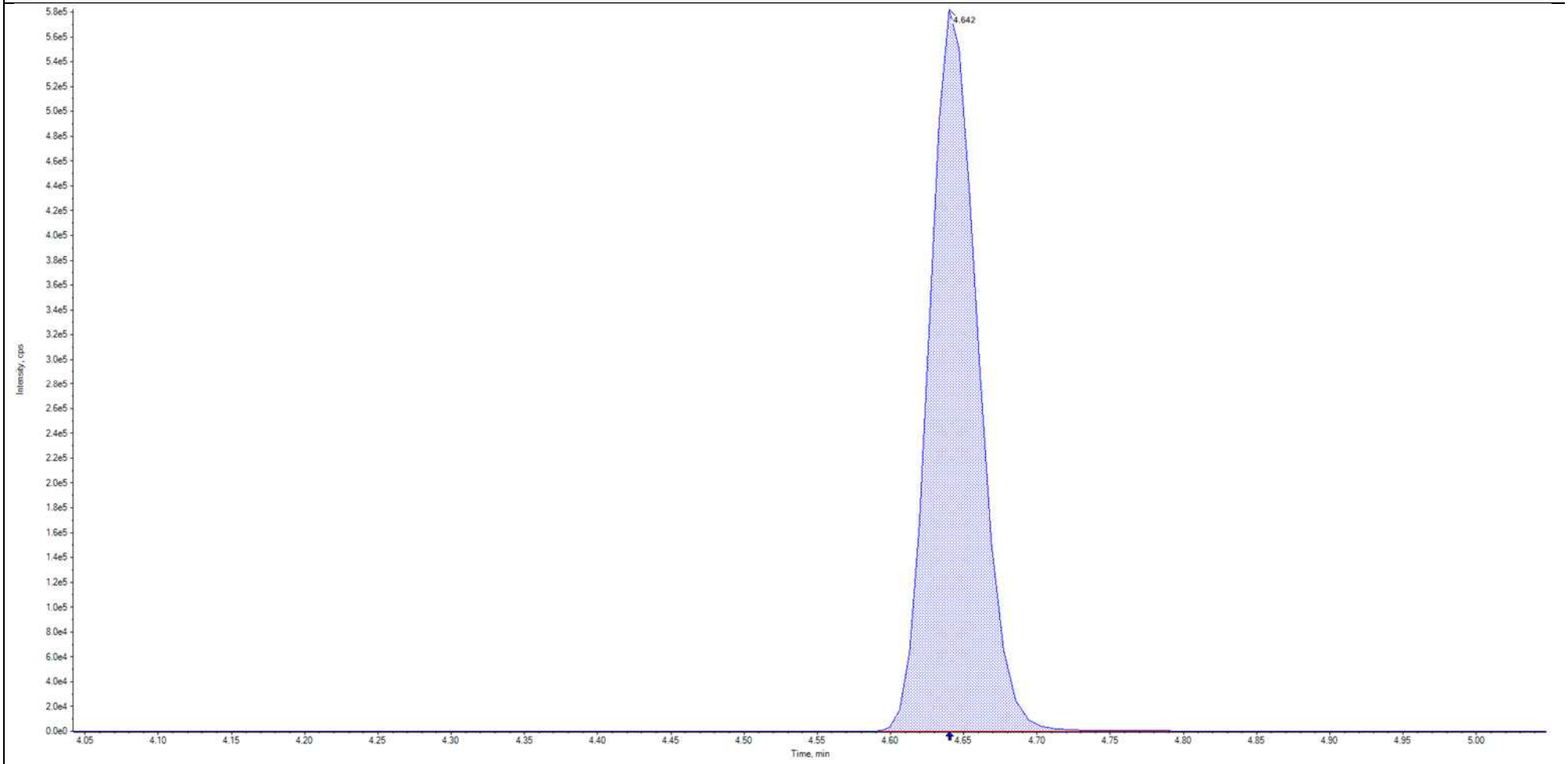
13C2-PFOA
Sample: IA1633STD-25 S/N:9611.9 Points Across peak:25



13C4-PFBA
Sample: IA1633STD-25

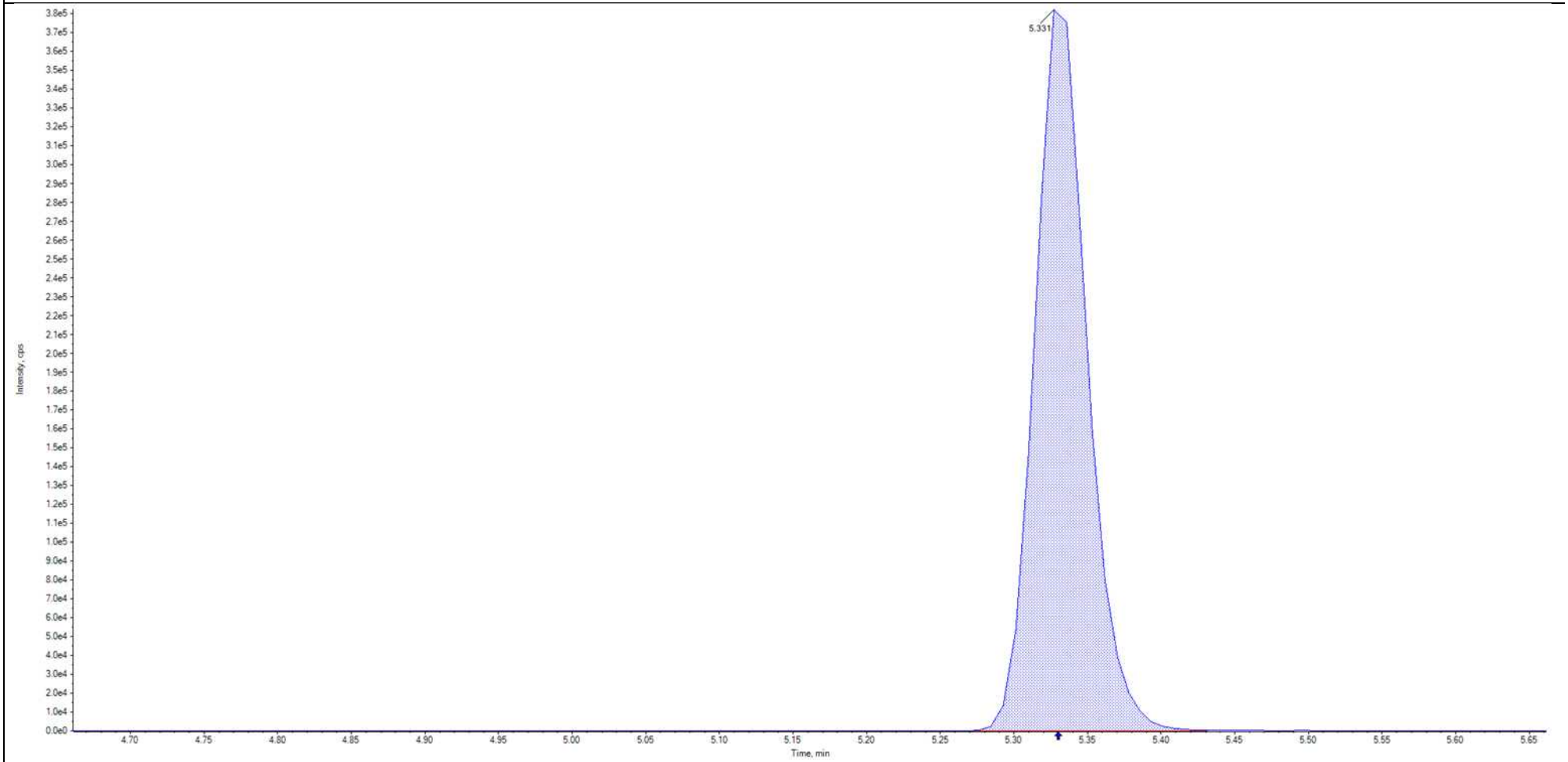


13C5-PFPeA
Sample: IA1633STD-25



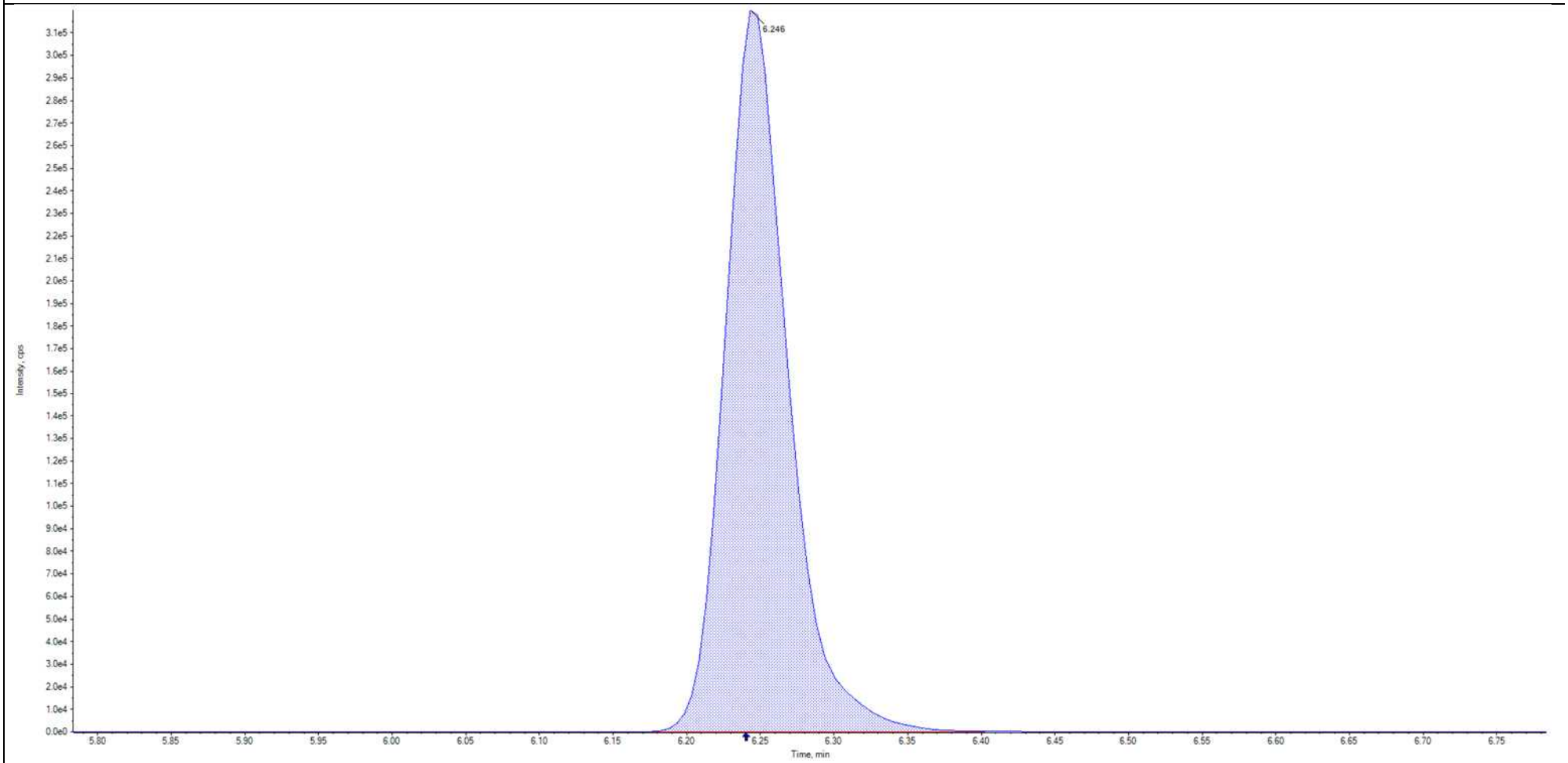
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
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Generated: 8/14/2024 6:27:11 AM

13C5-PFHxA
Sample: IA1633STD-25

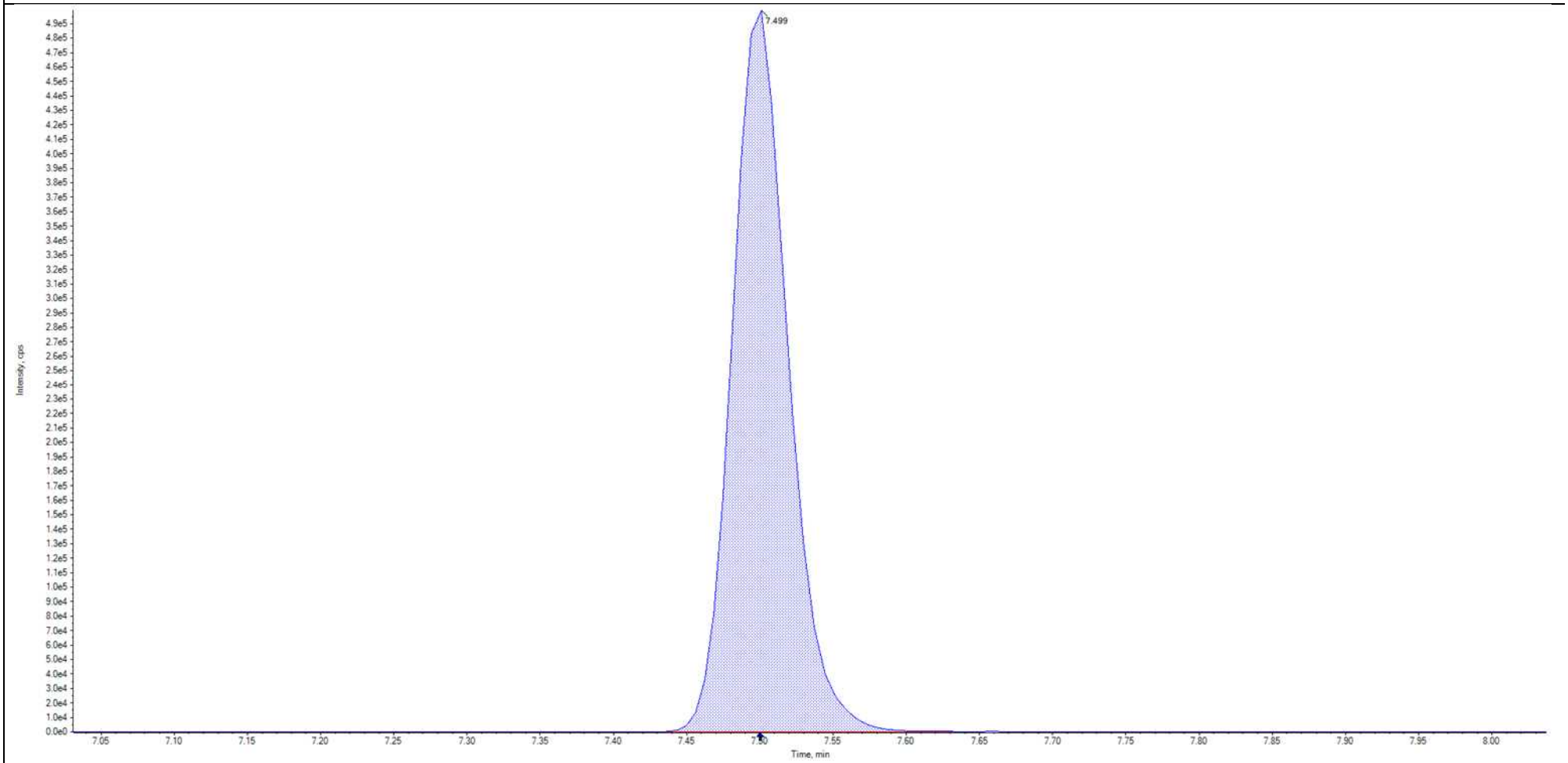


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
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Generated: 8/14/2024 6:27:11 AM

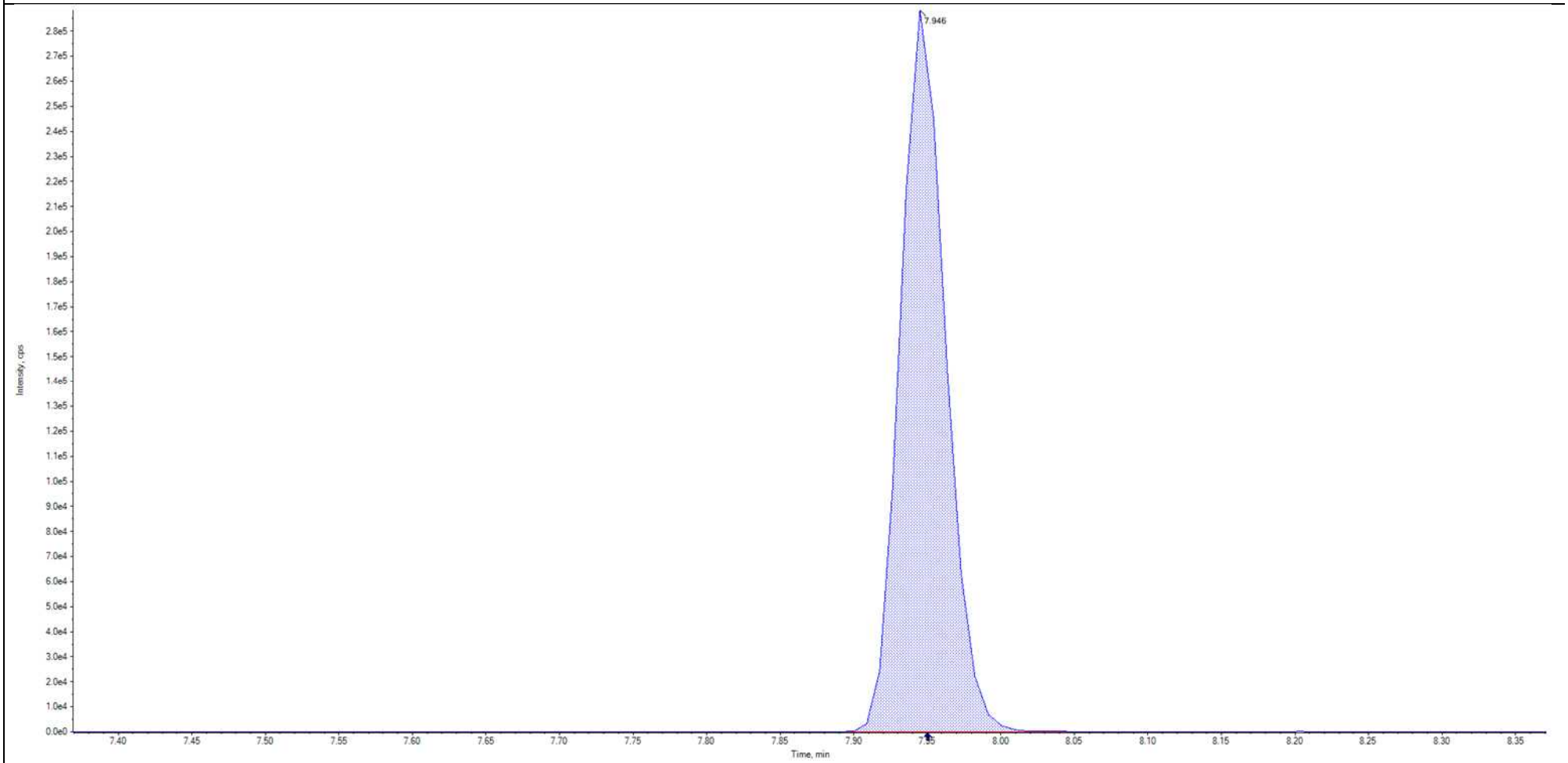
13C4-PFHpA
Sample: IA1633STD-25



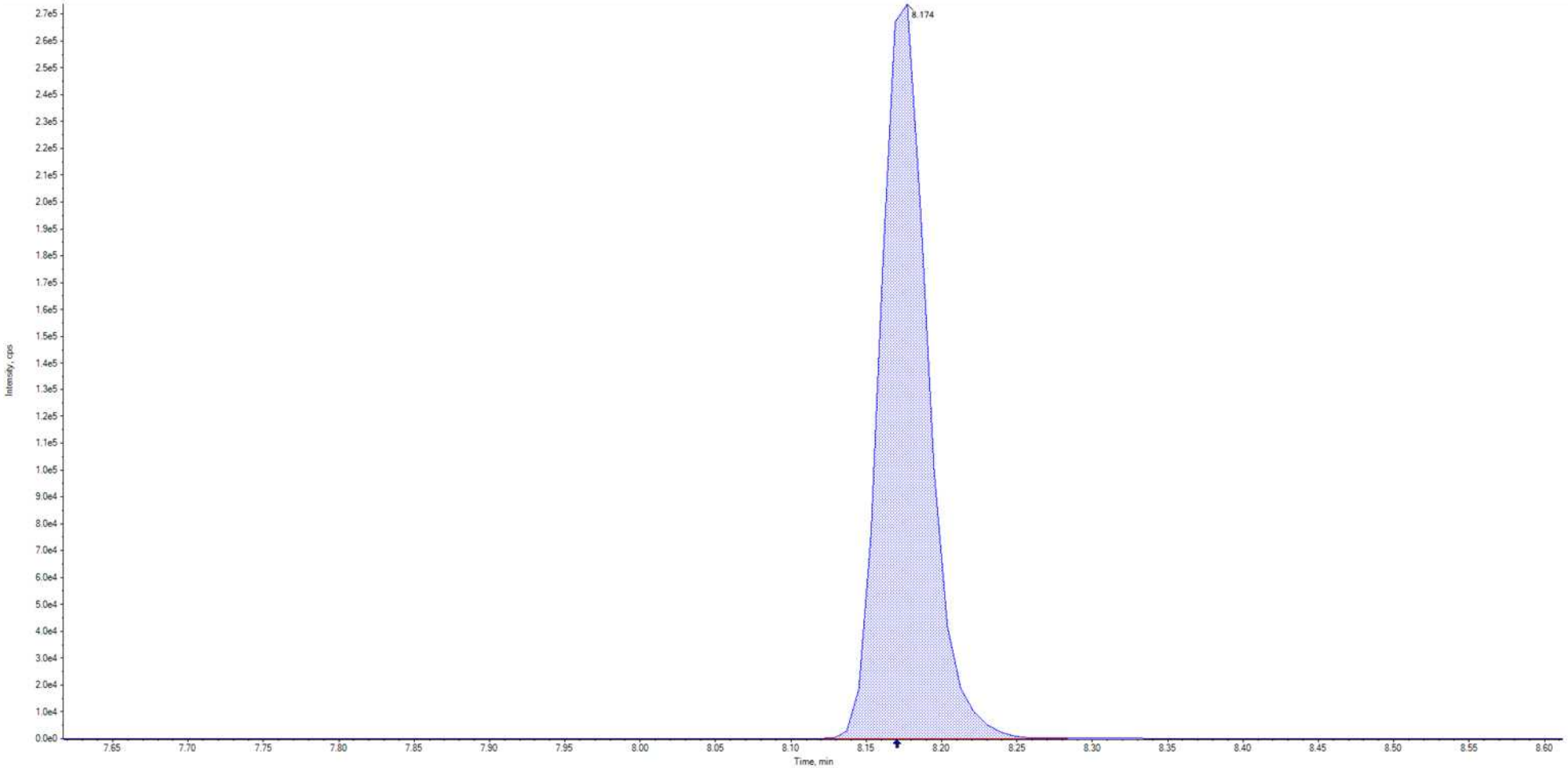
13C8-PFOA
Sample: IA1633STD-25



13C9-PFNA
Sample: IA1633STD-25

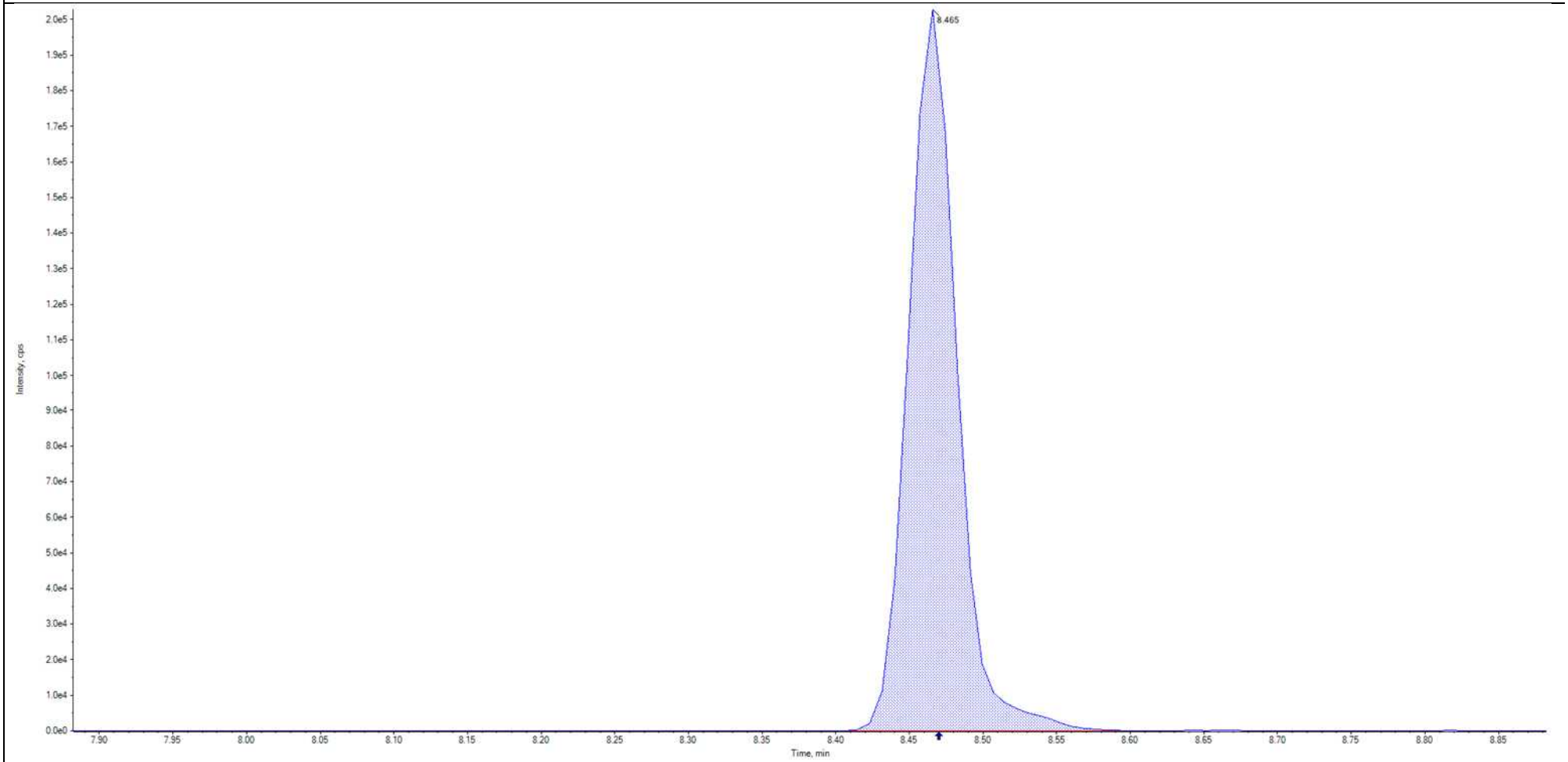


13C6-PFDA
Sample: IA1633STD-25

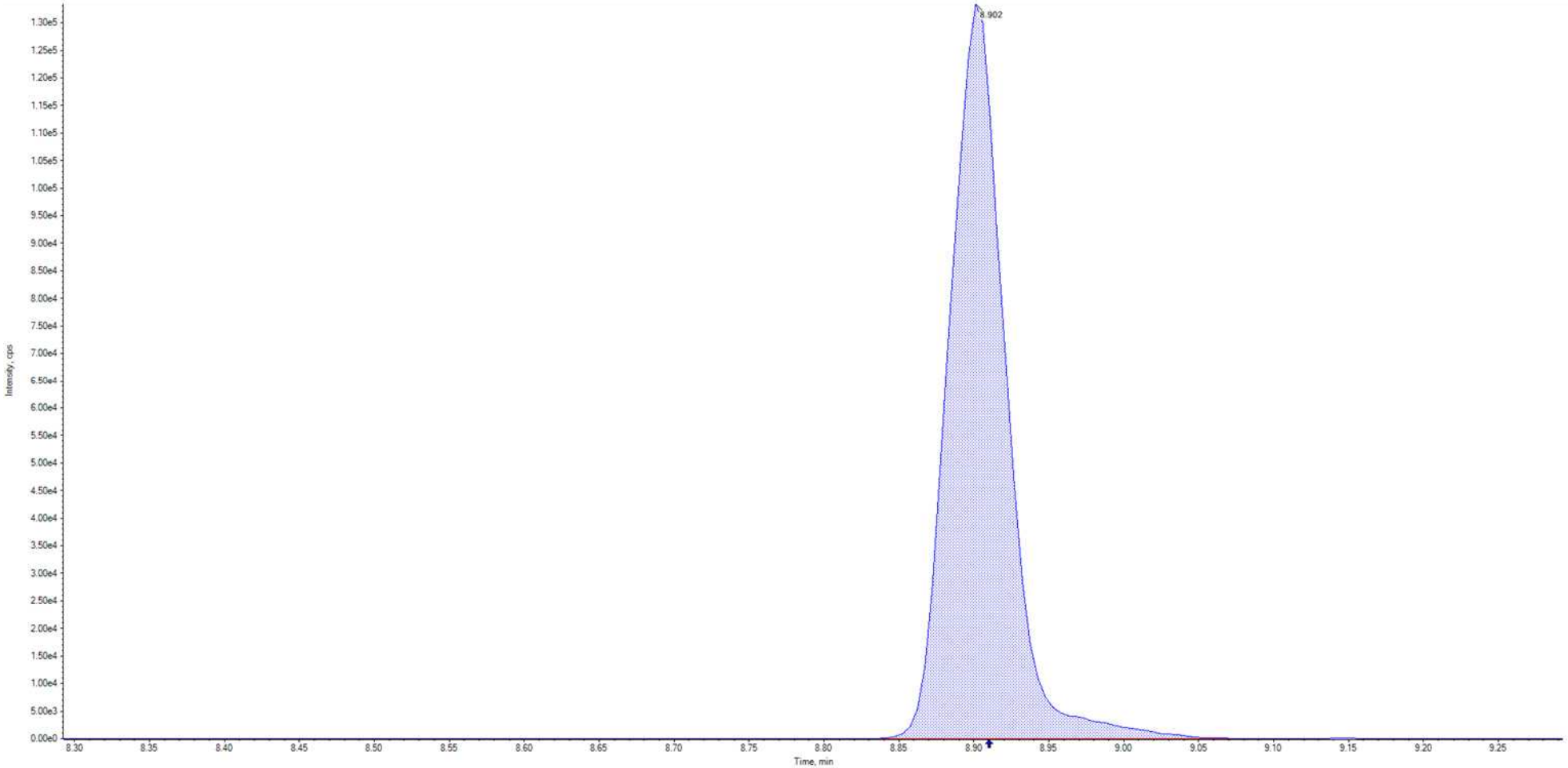


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
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Generated: 8/14/2024 6:27:11 AM

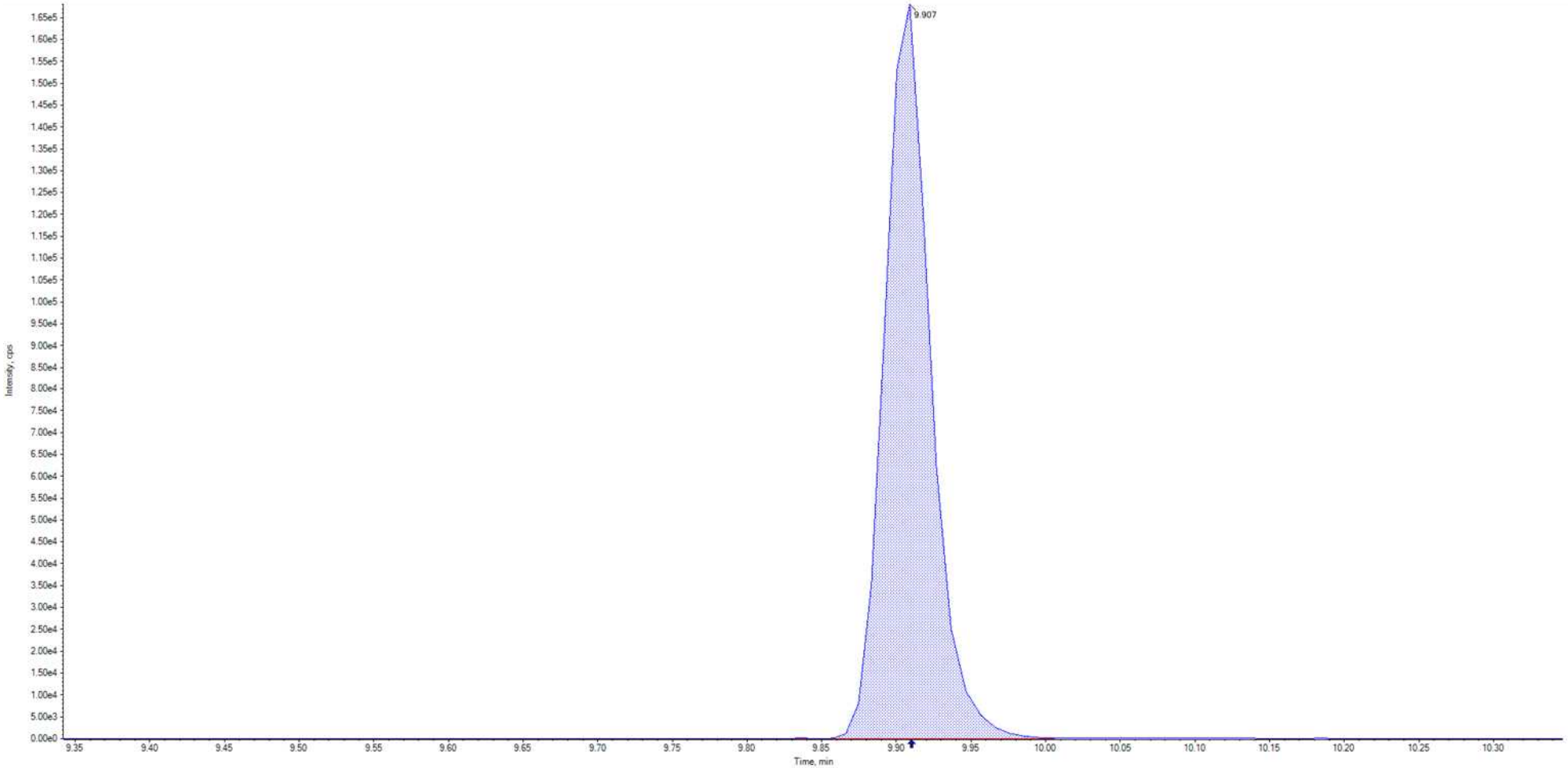
13C7-PFUnA
Sample: IA1633STD-25



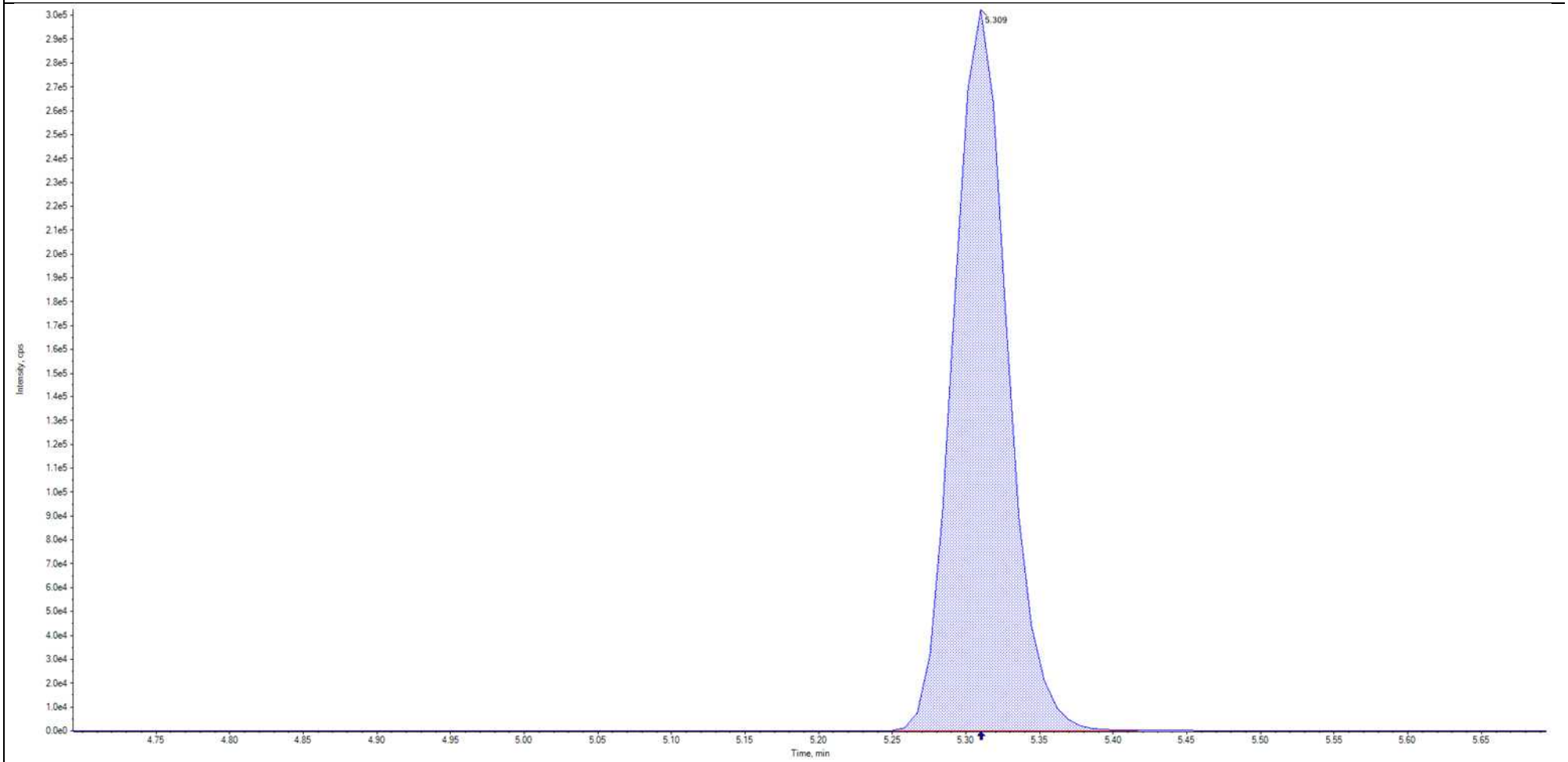
13C2-PFDoA
Sample: IA1633STD-25



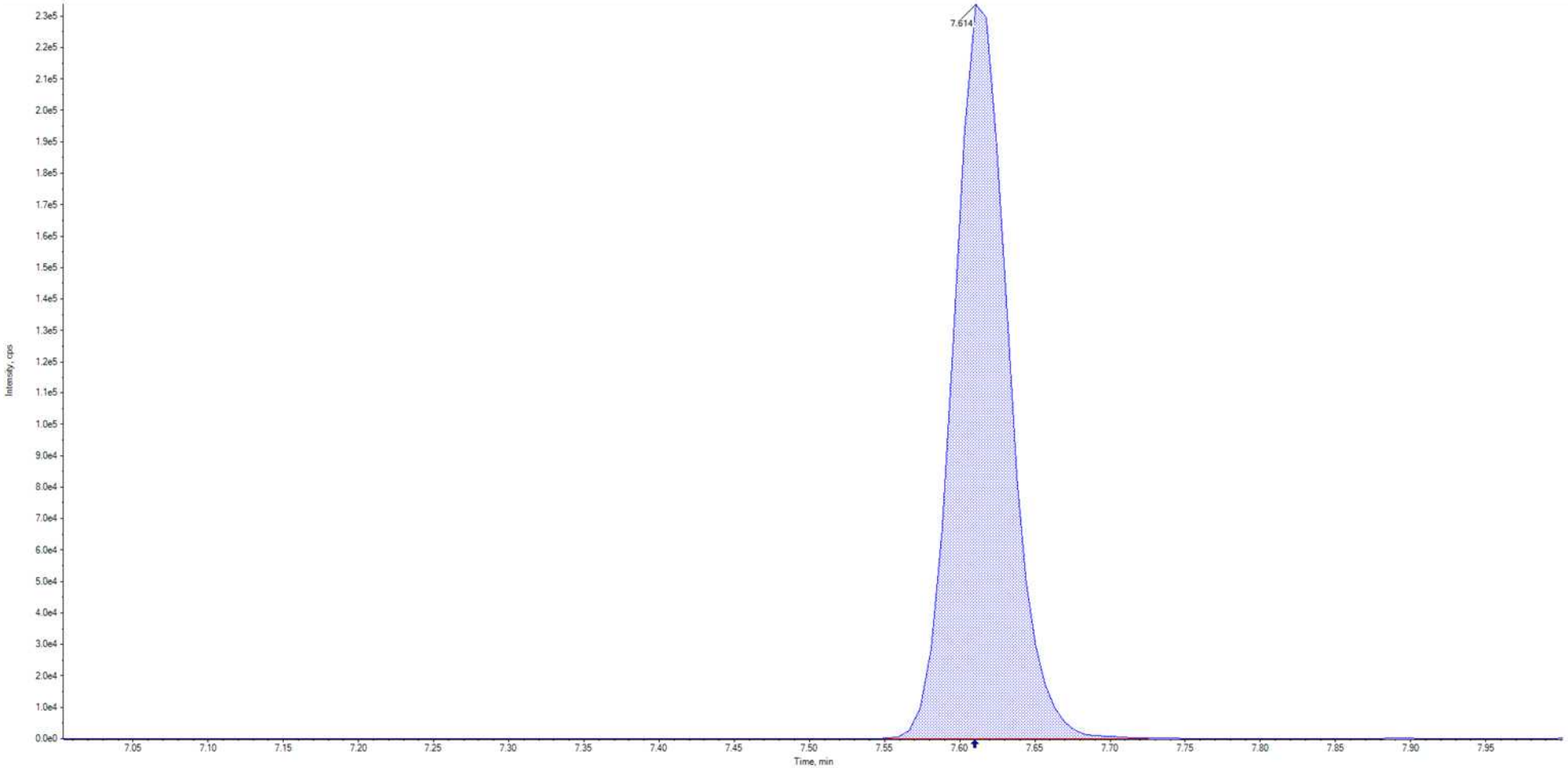
13C2-PFTeDA
Sample: IA1633STD-25



13C3-PFBS
Sample: IA1633STD-25

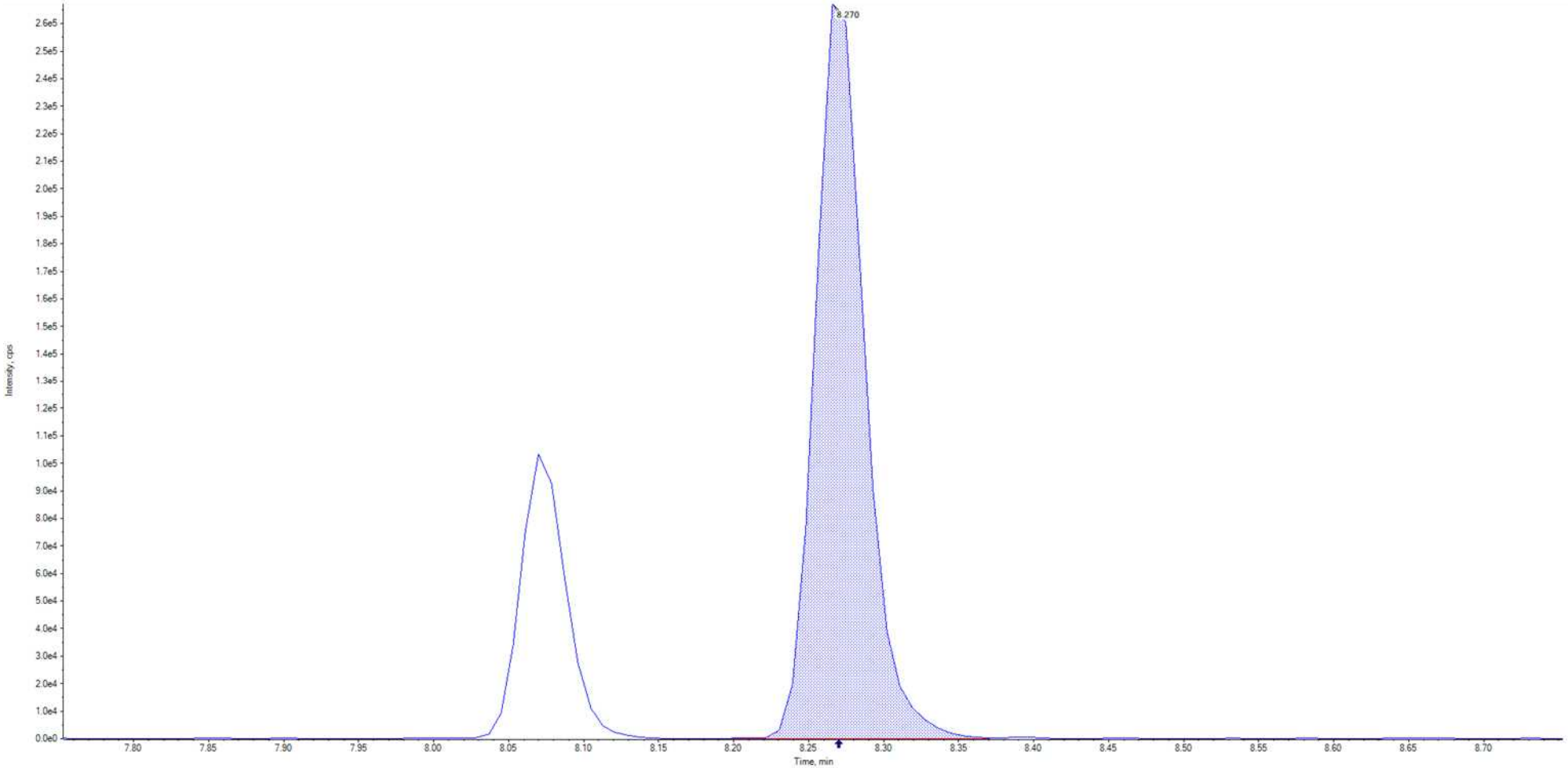


13C3-PFHxS
Sample: IA1633STD-25

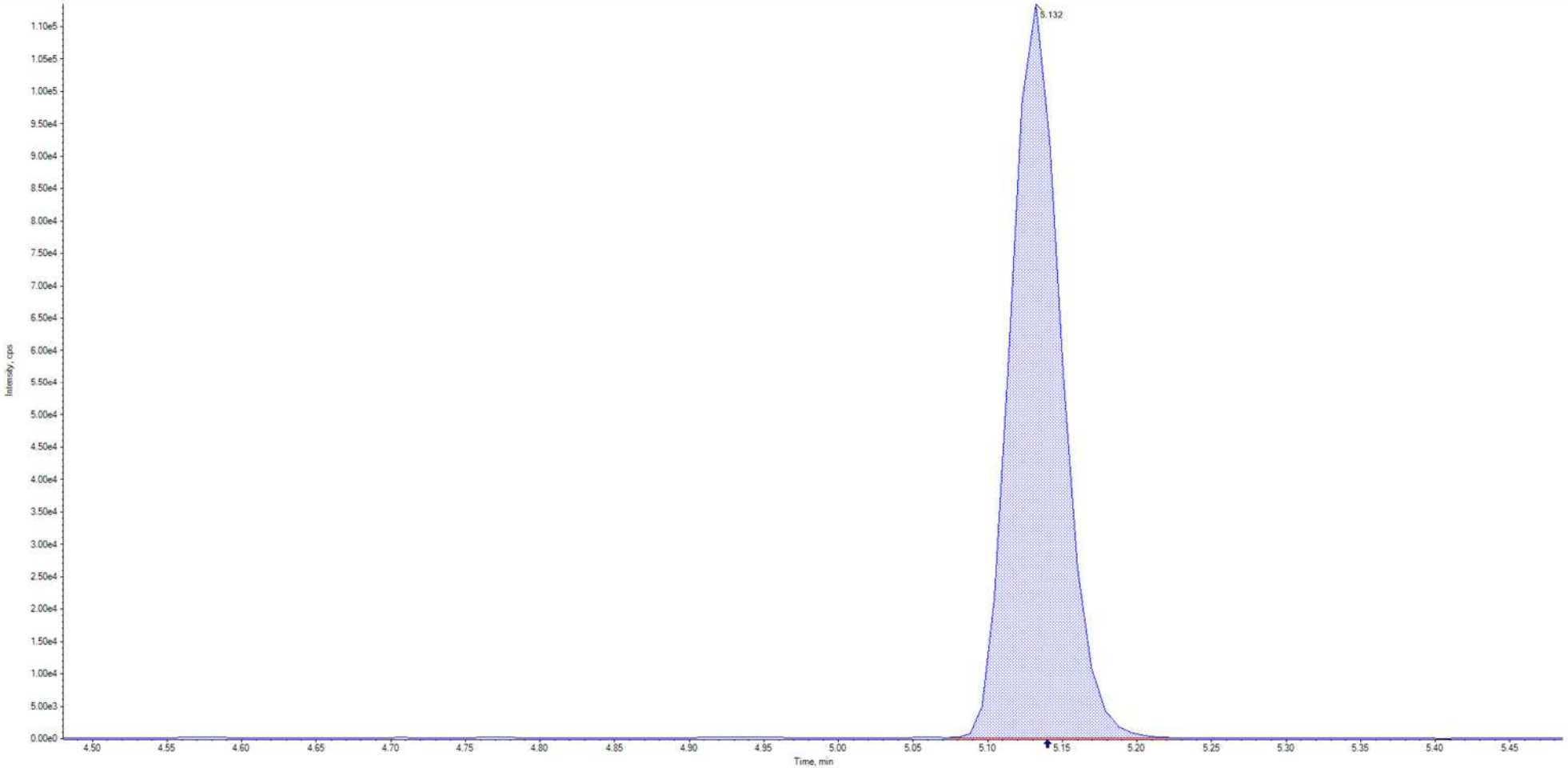


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

13C8-PFOS
Sample: IA1633STD-25

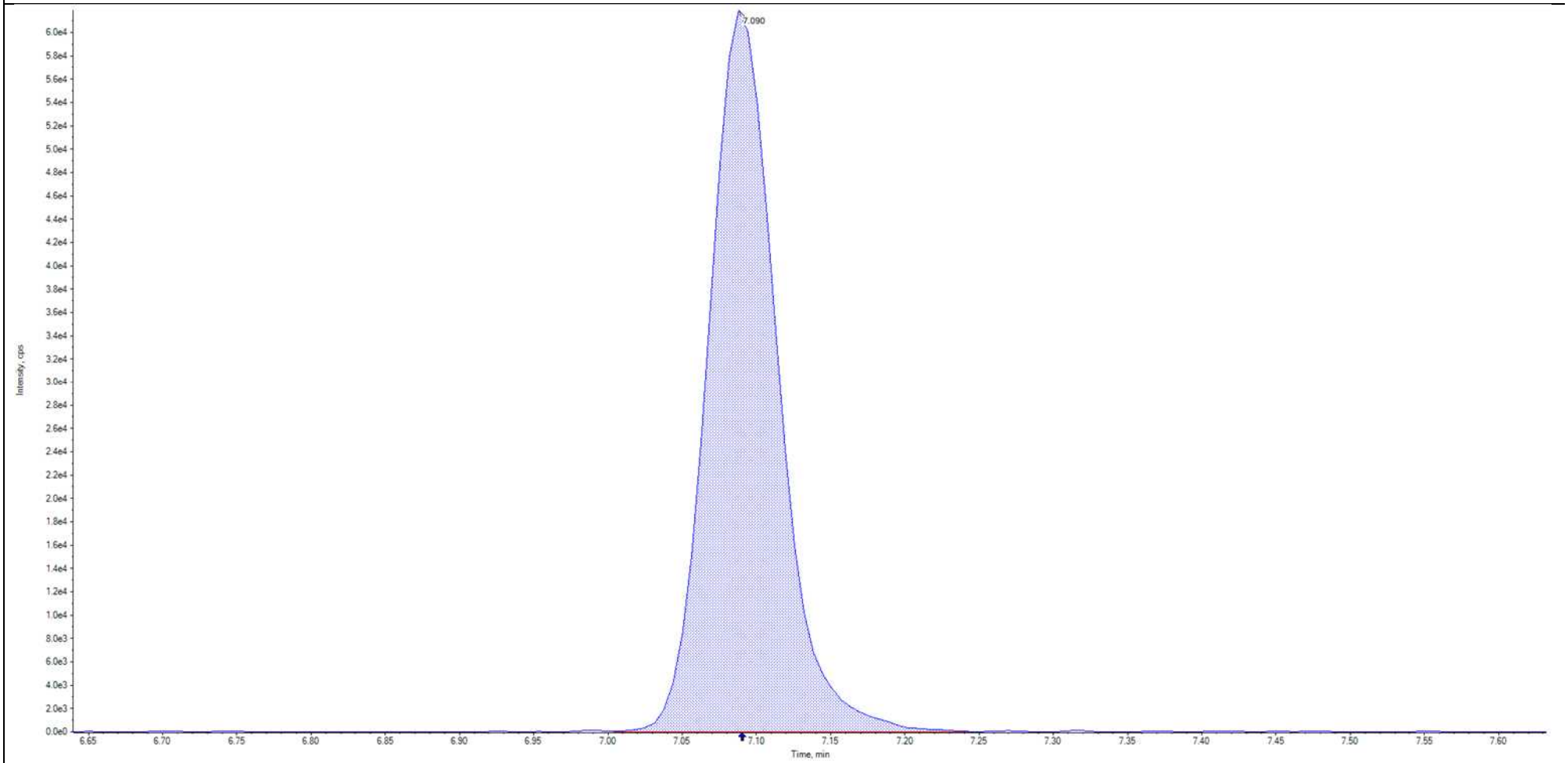


13C2-4:2FTS
Sample: IA1633STD-25

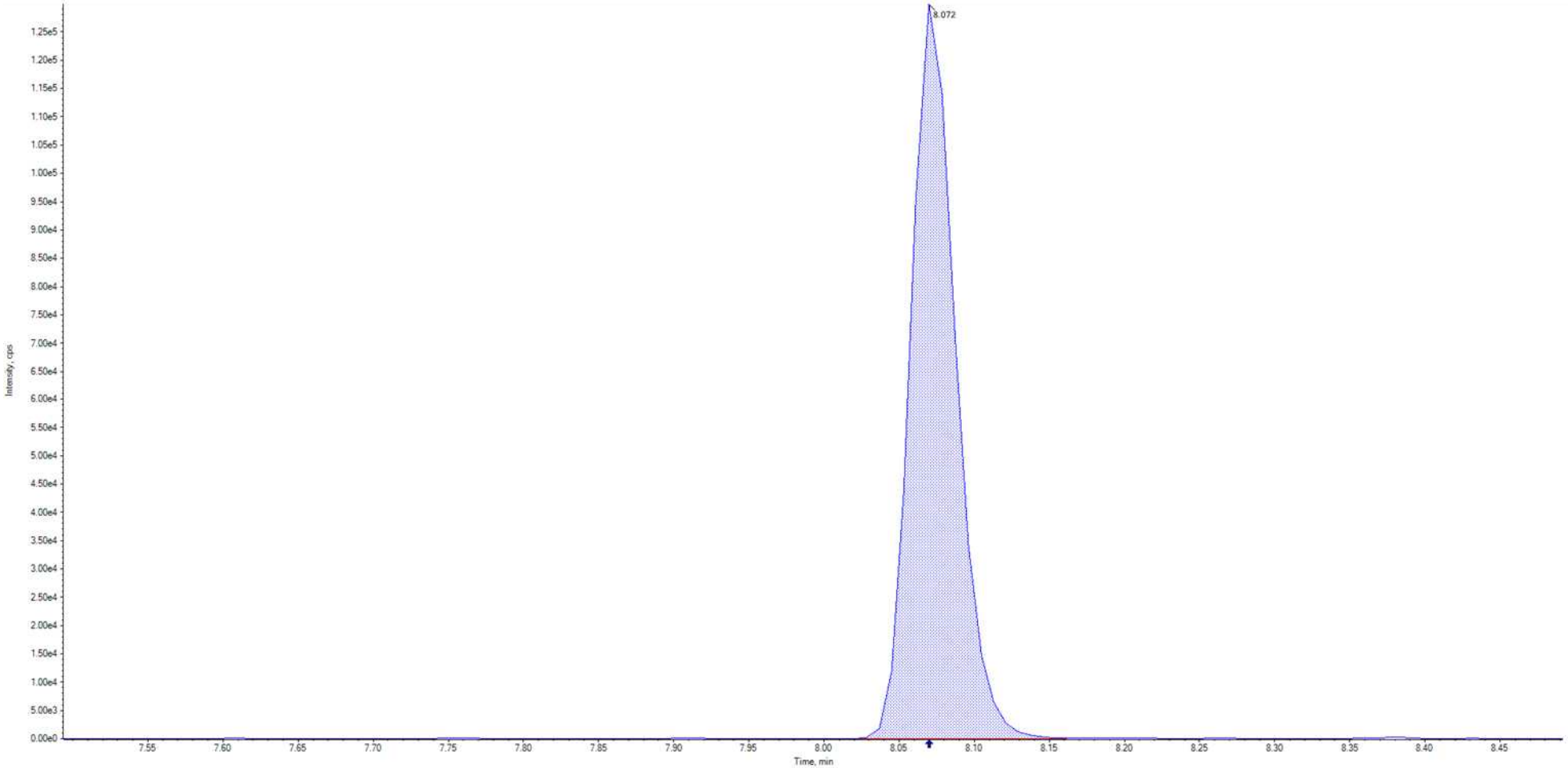


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

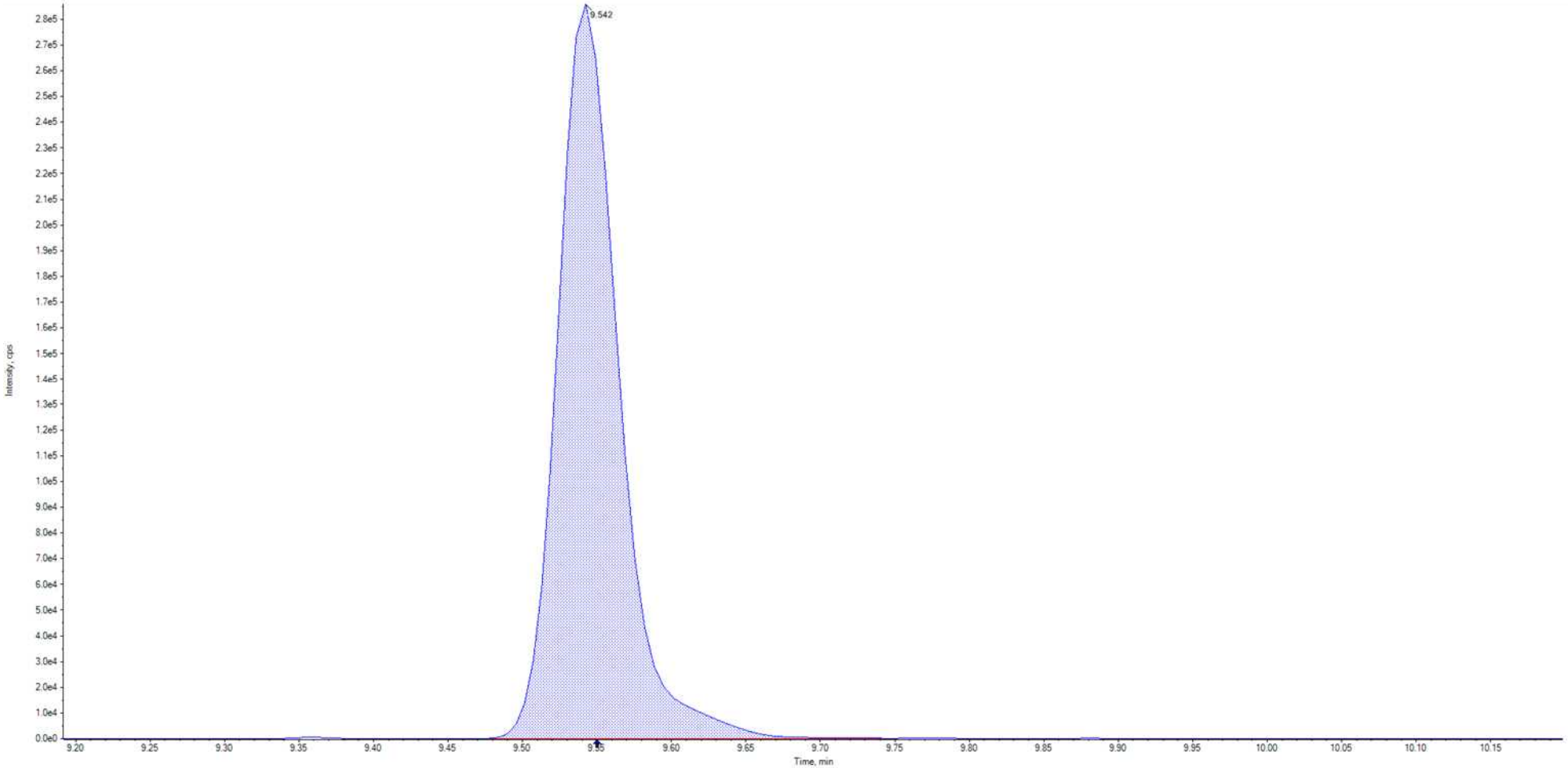
13C2-6:2FTS
Sample: IA1633STD-25



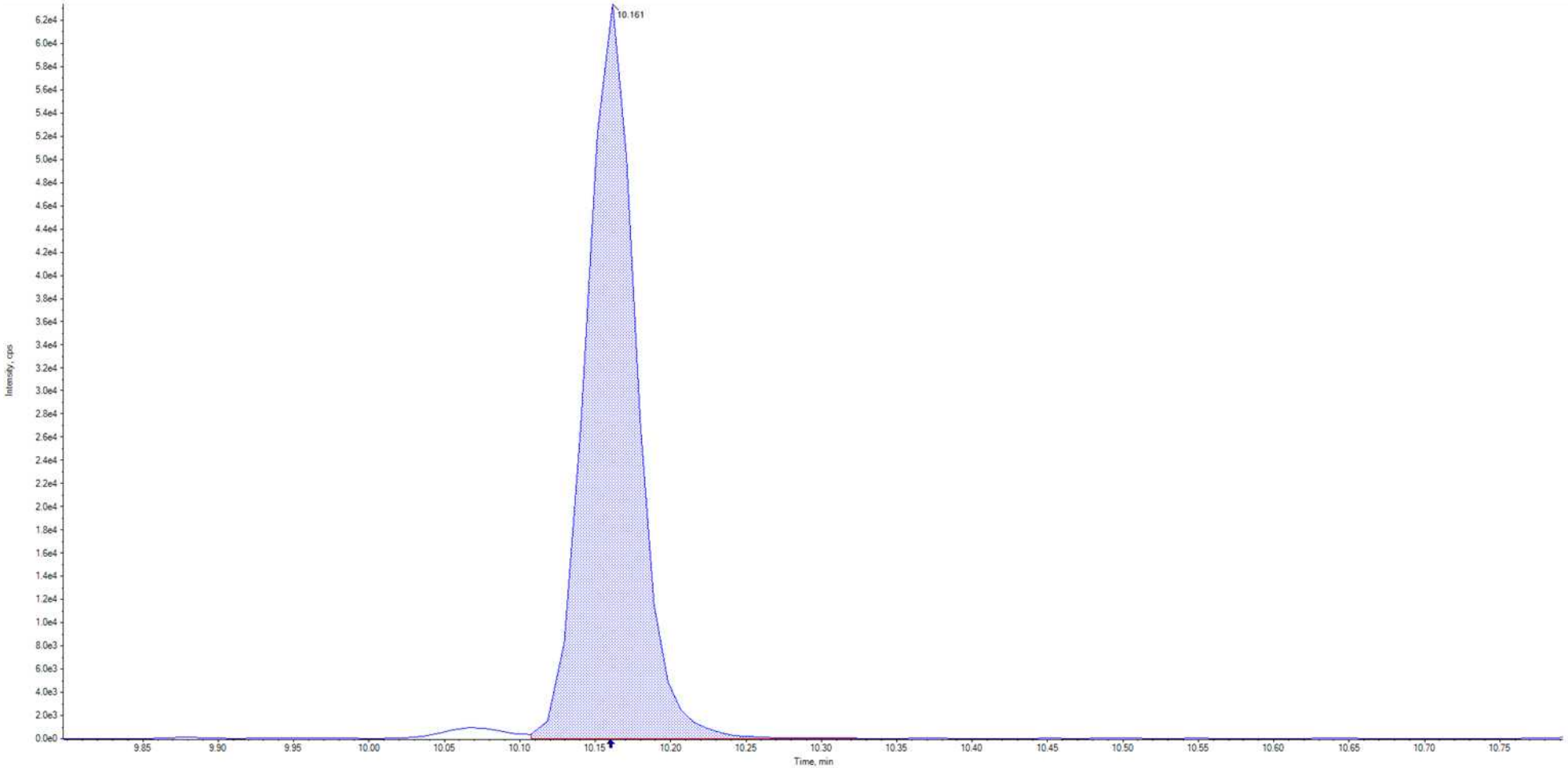
13C2-8:2FTS
Sample: IA1633STD-25



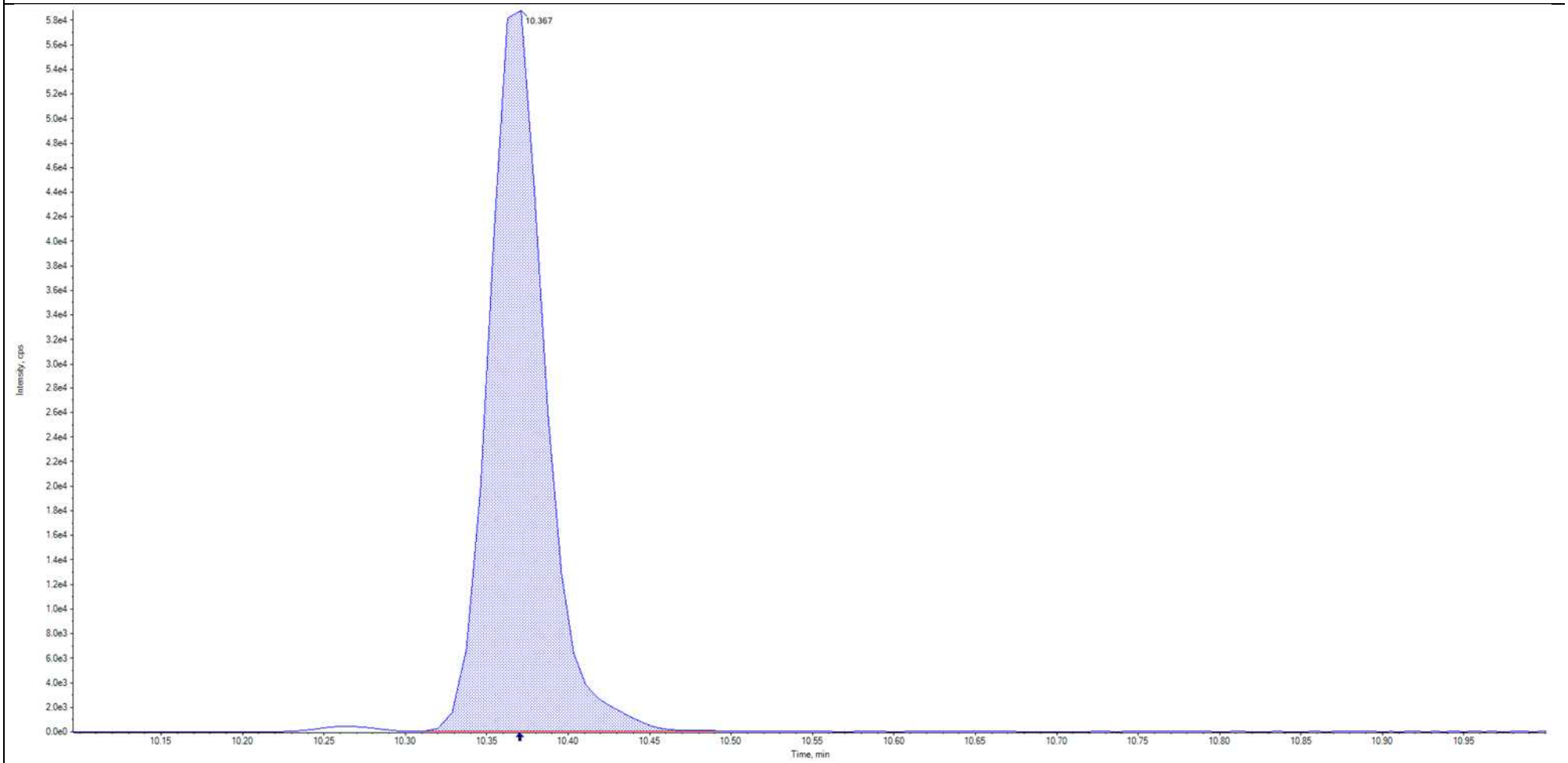
13C8-PFOSA
Sample: IA1633STD-25



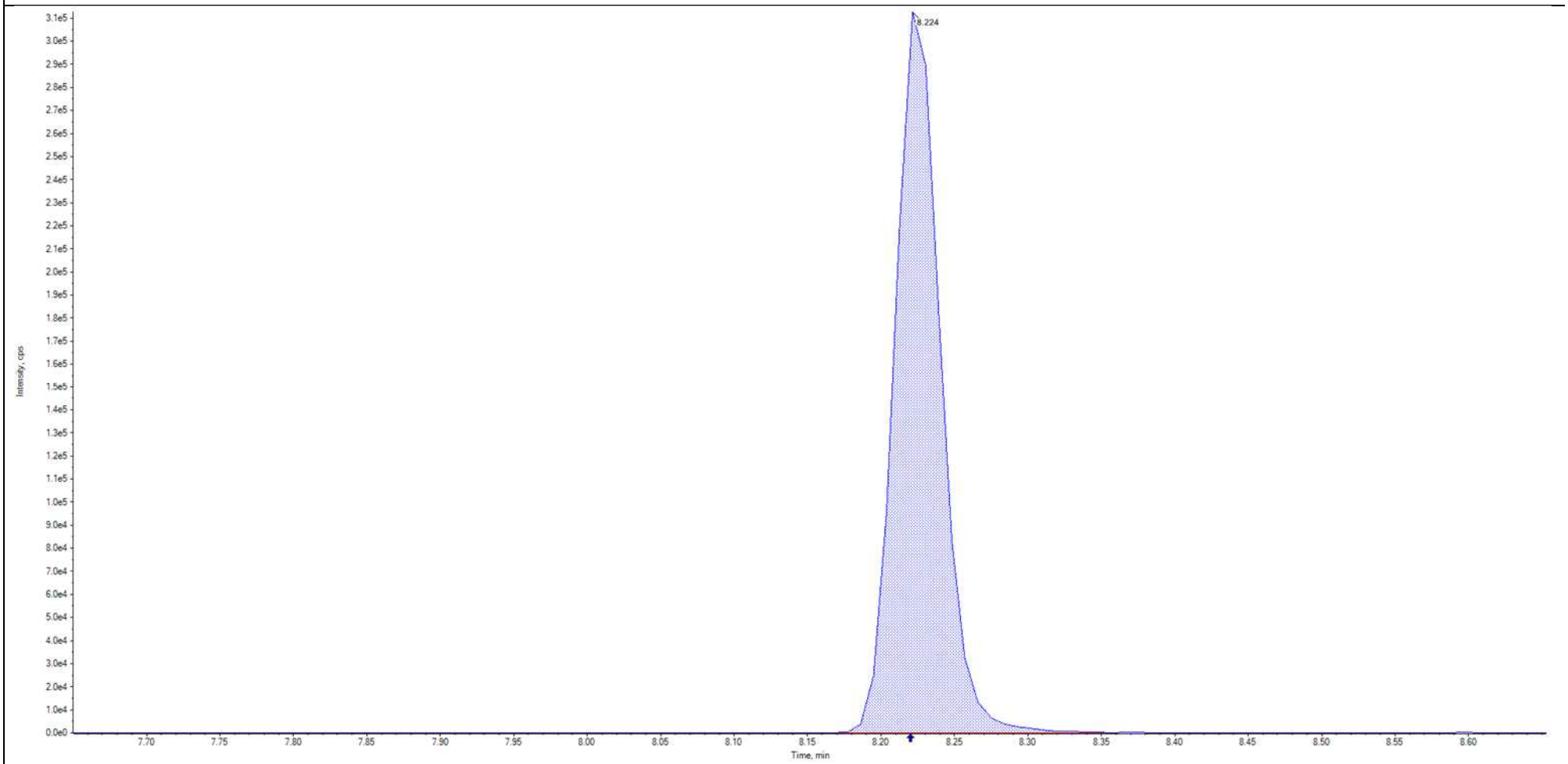
d3-NMeFOSA
Sample: IA1633STD-25



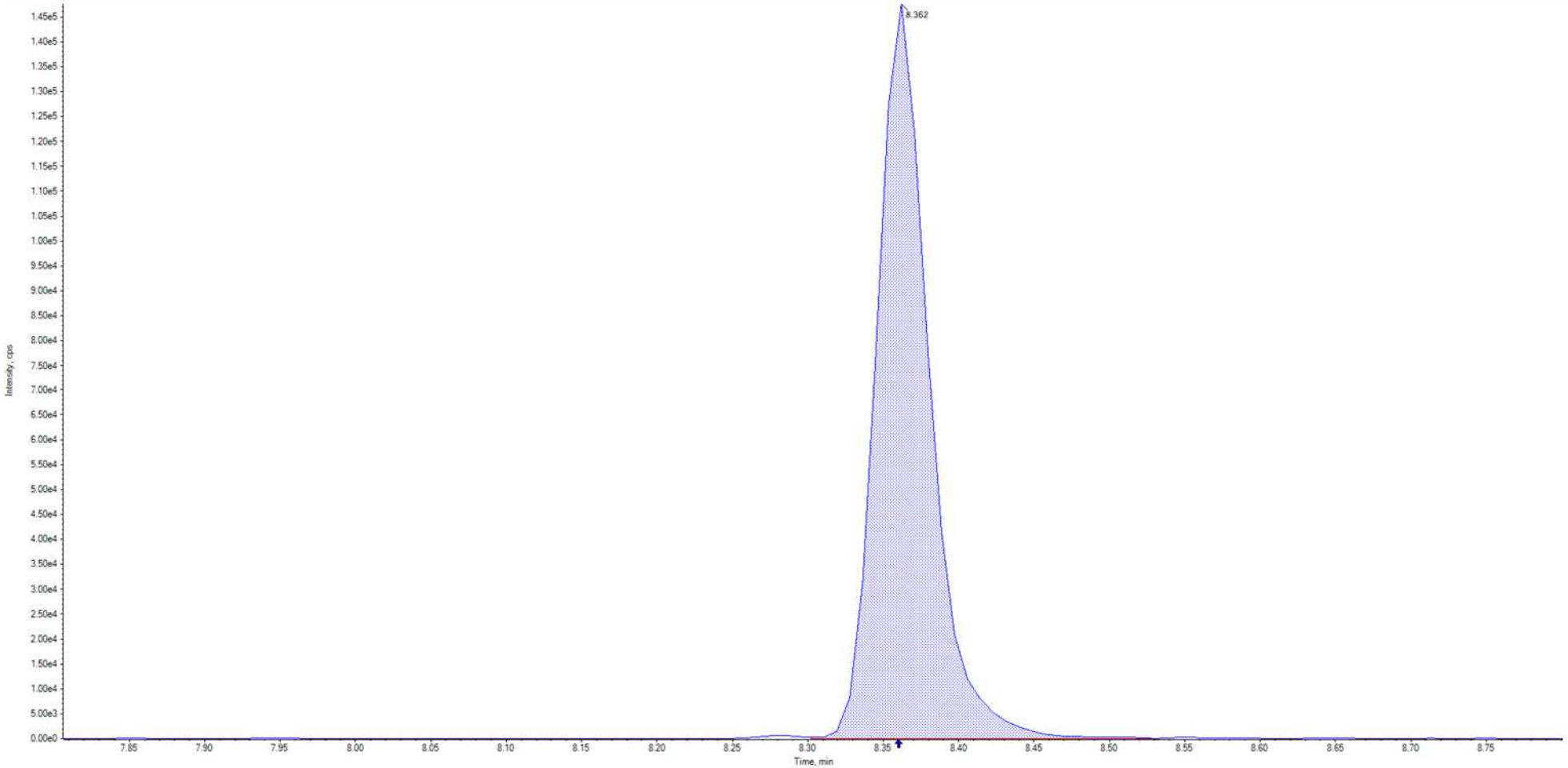
d5-NEtFOSA
Sample: IA1633STD-25



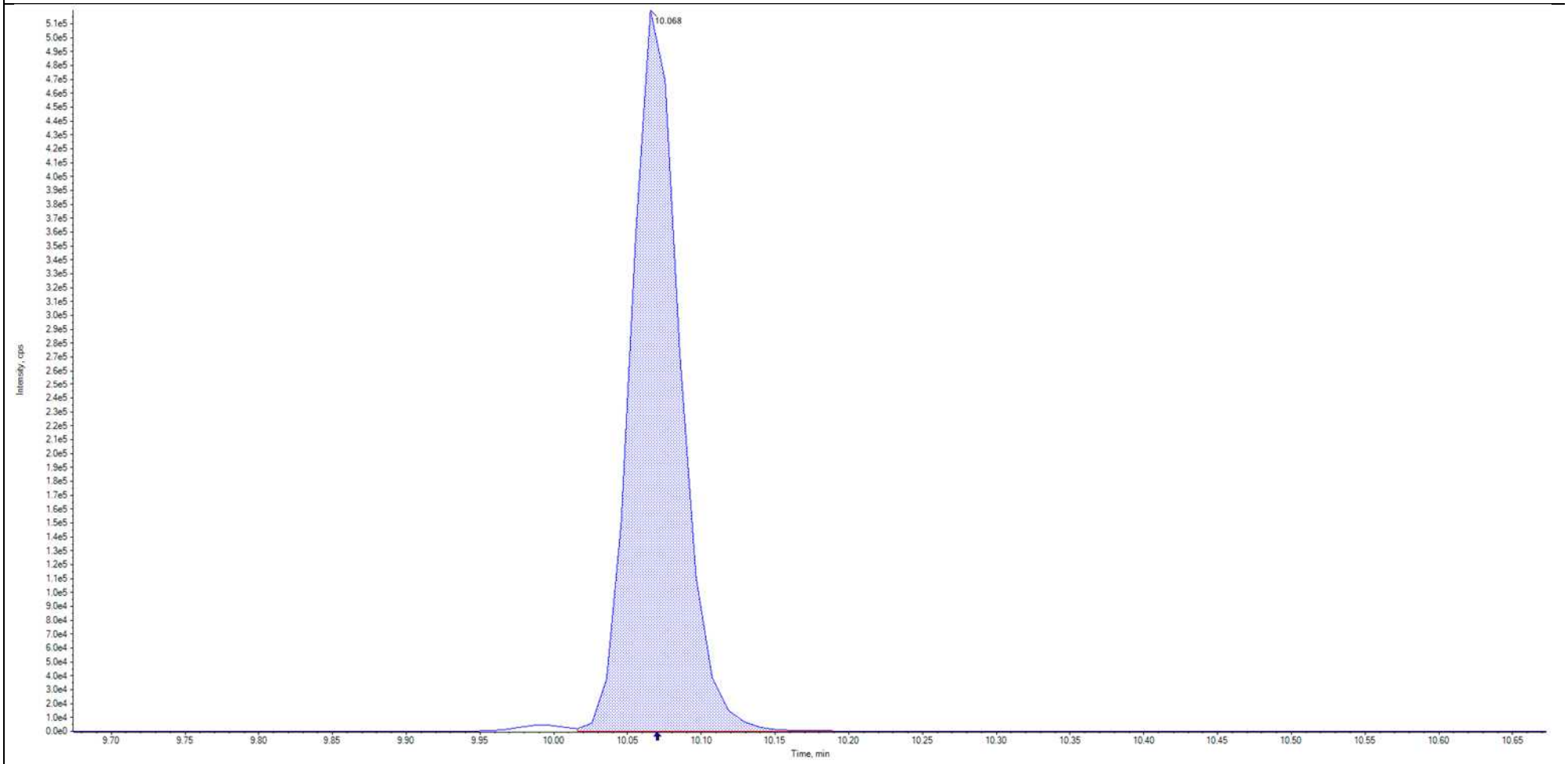
d3-NMeFOSAA
Sample: IA1633STD-25



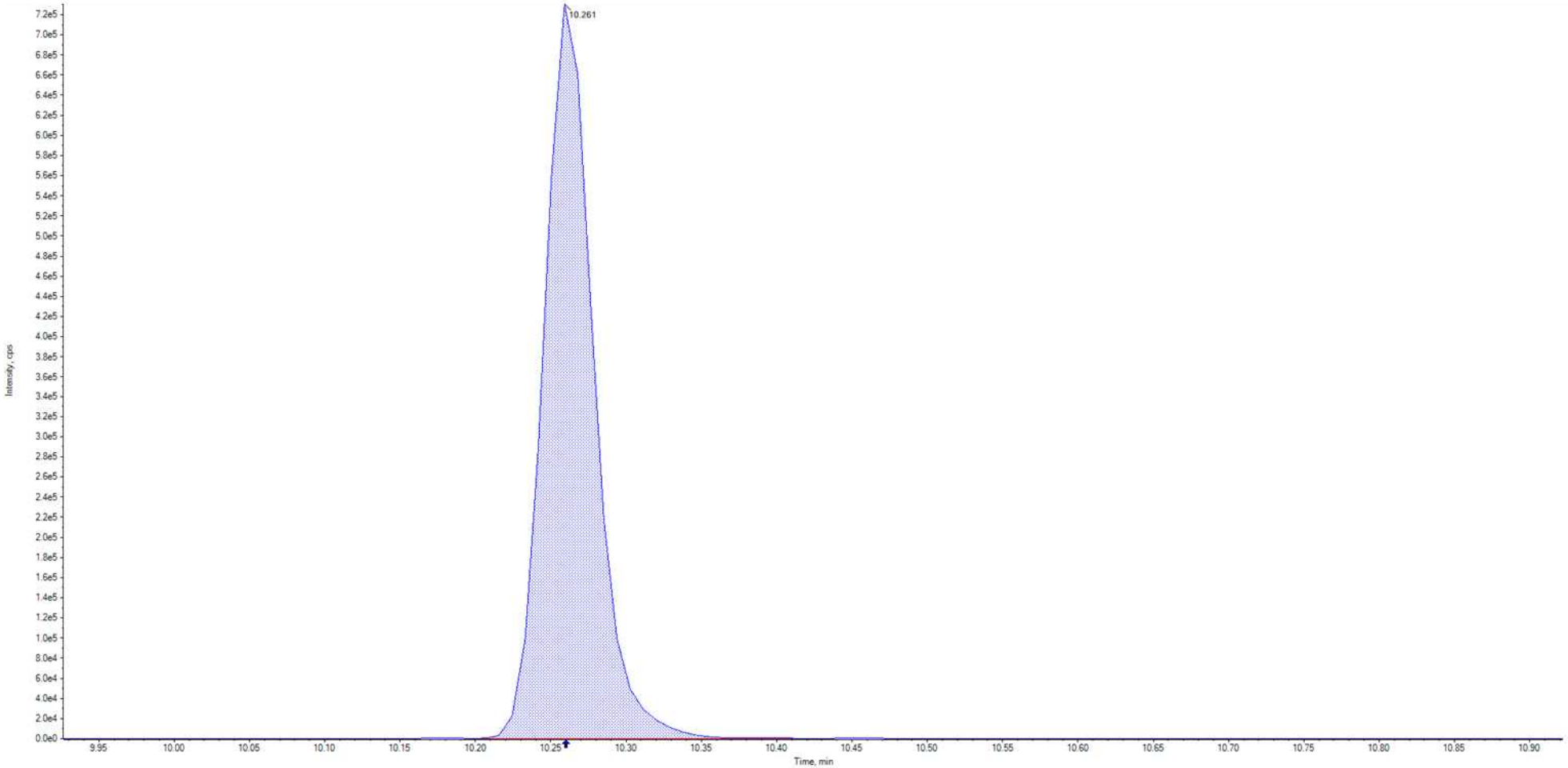
d5-NEtFOSAA
Sample: IA1633STD-25



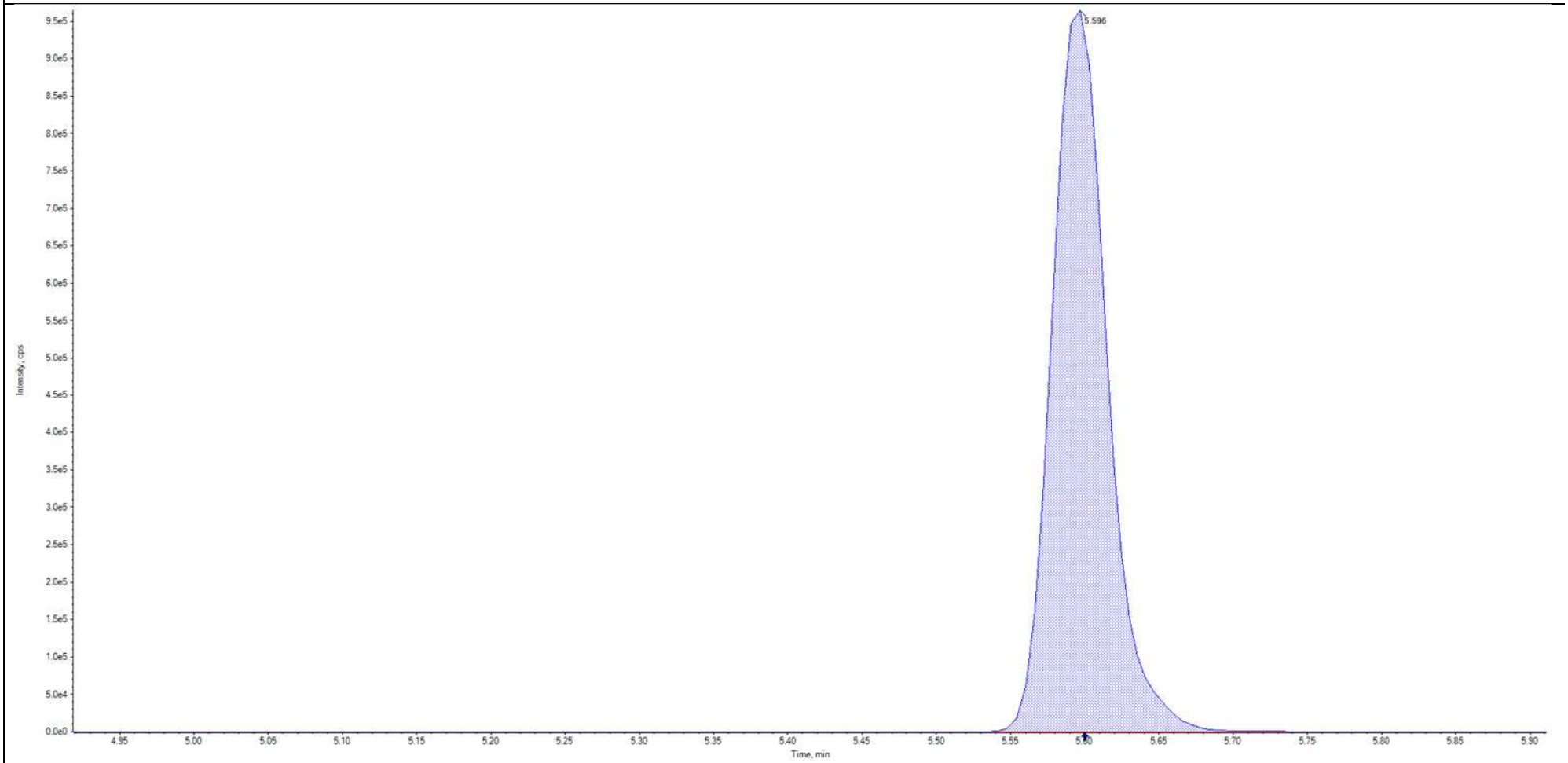
d7-NMeFOSE
Sample: IA1633STD-25



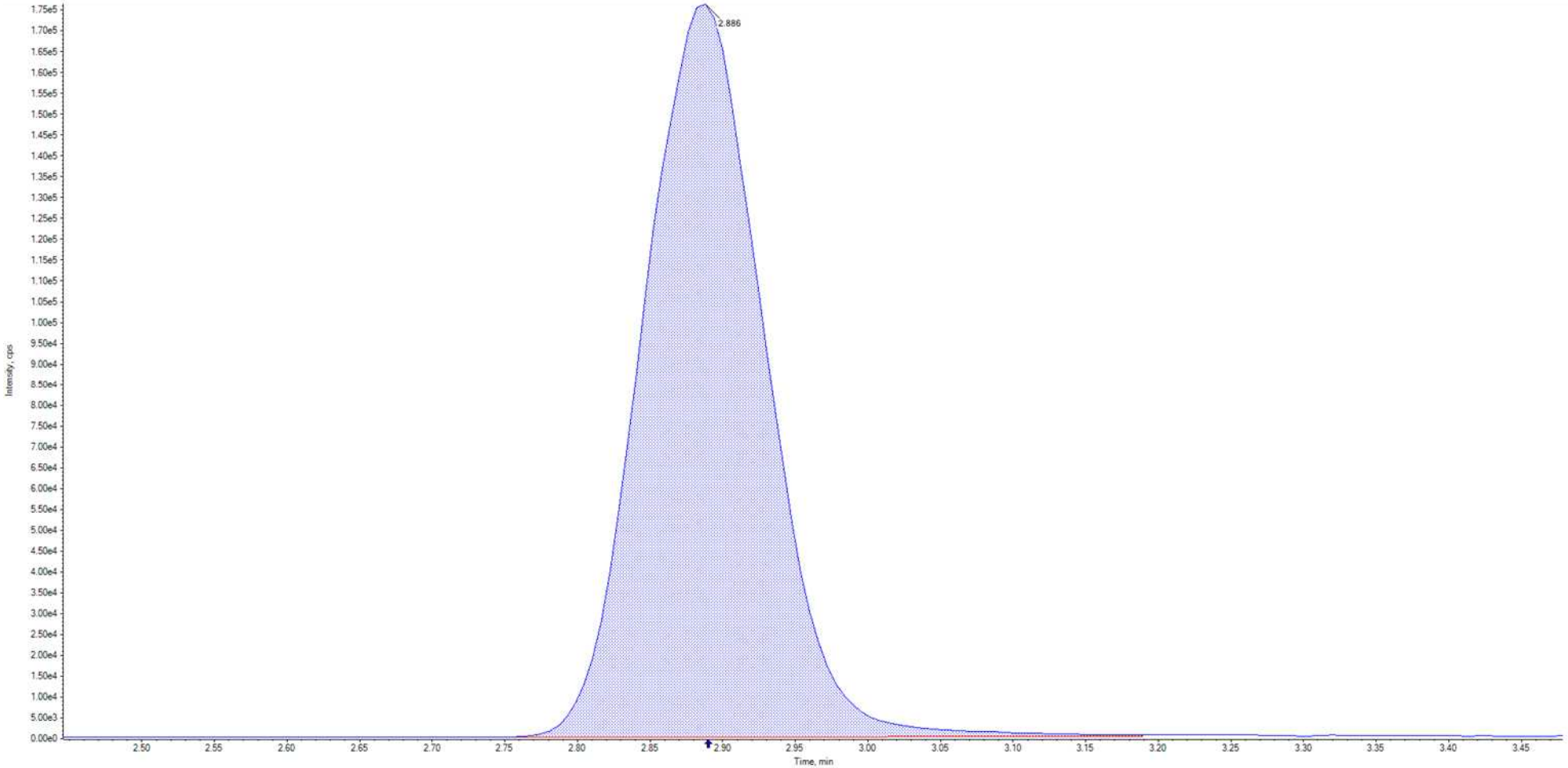
d9-NEtFOSE
Sample: IA1633STD-25



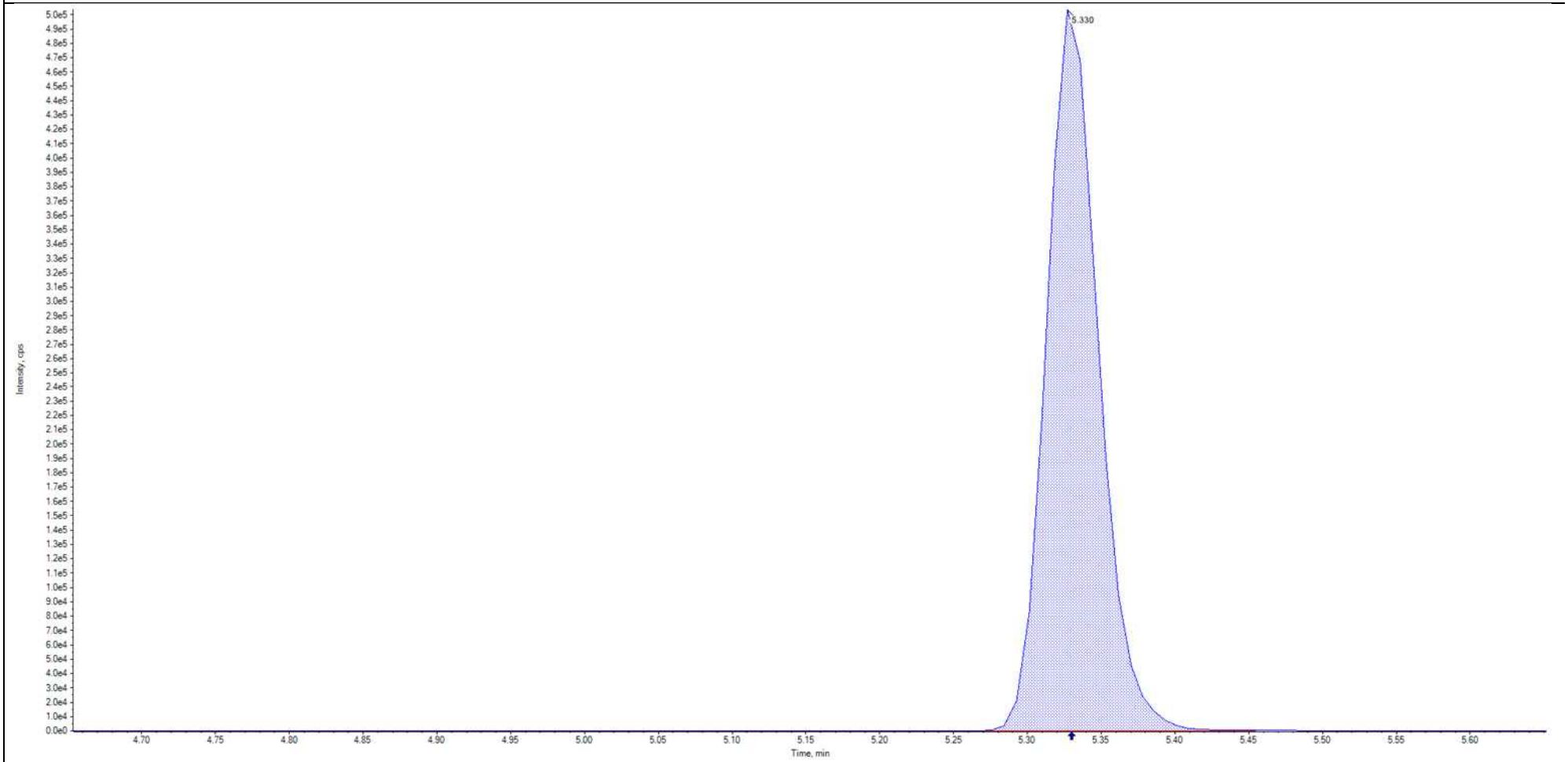
13C3-HFPO-DA
Sample: IA1633STD-25



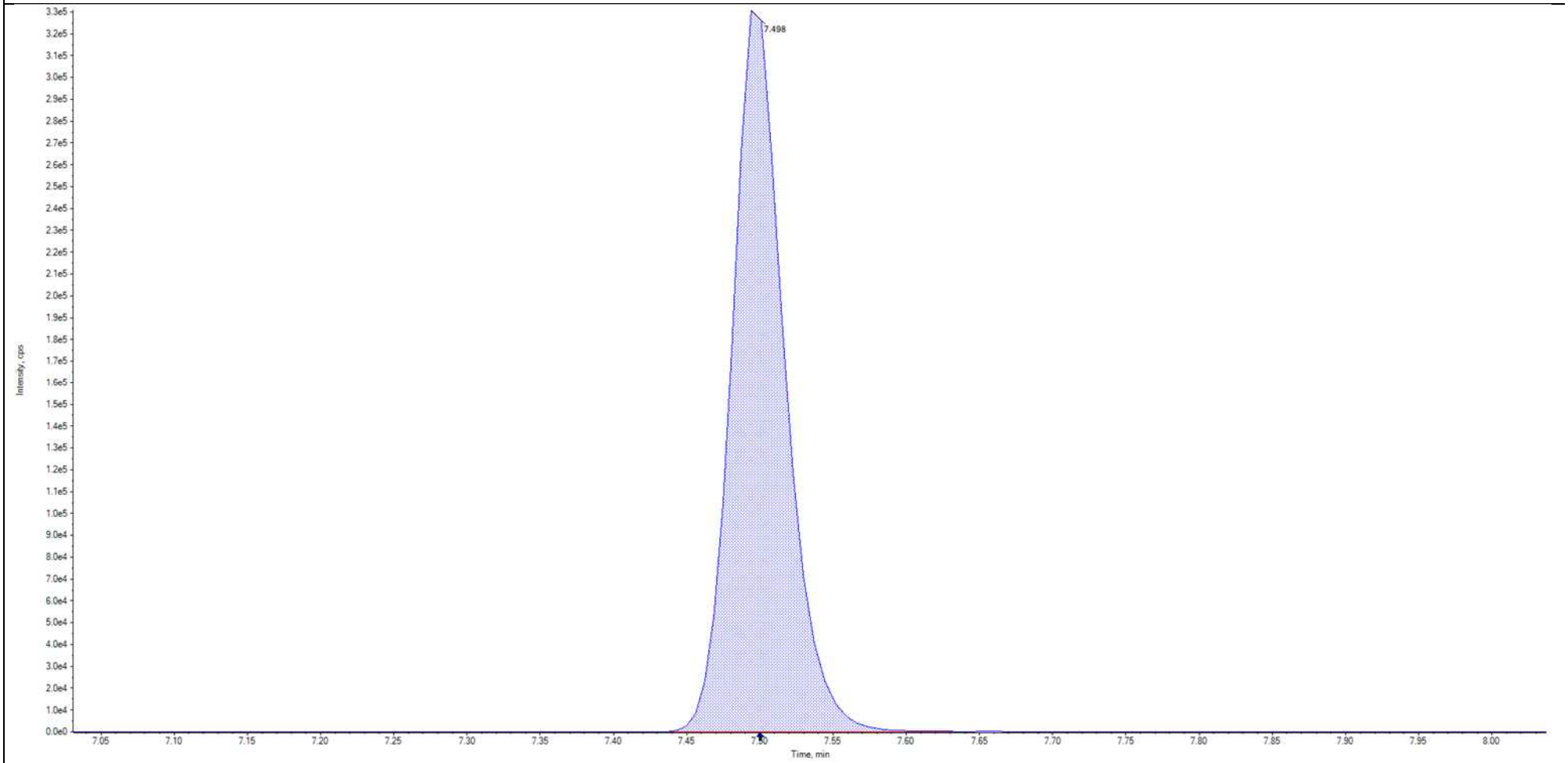
13C3-PFBA
Sample: IA1633STD-25



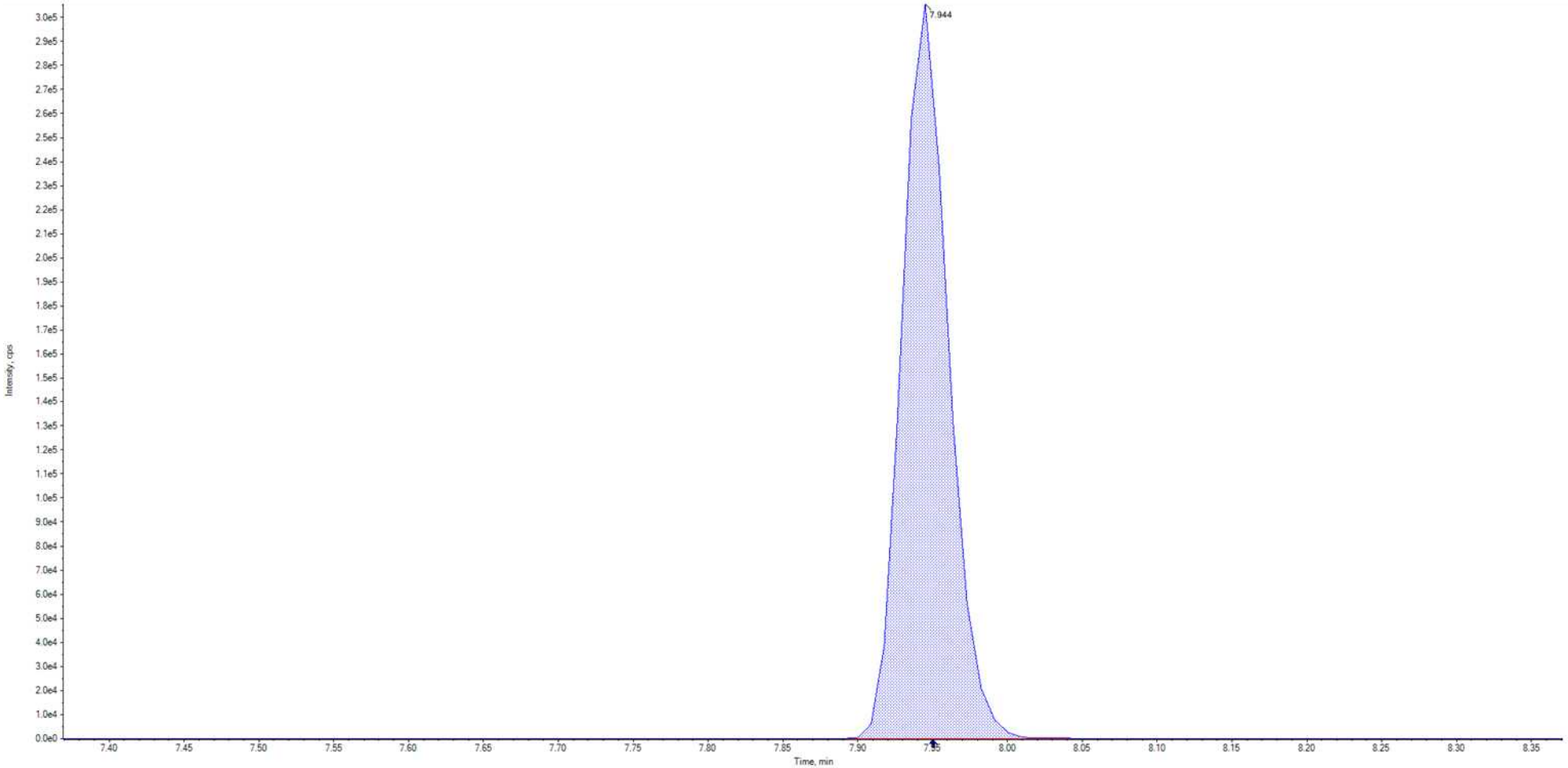
13C2-PFHxA
Sample: IA1633STD-25



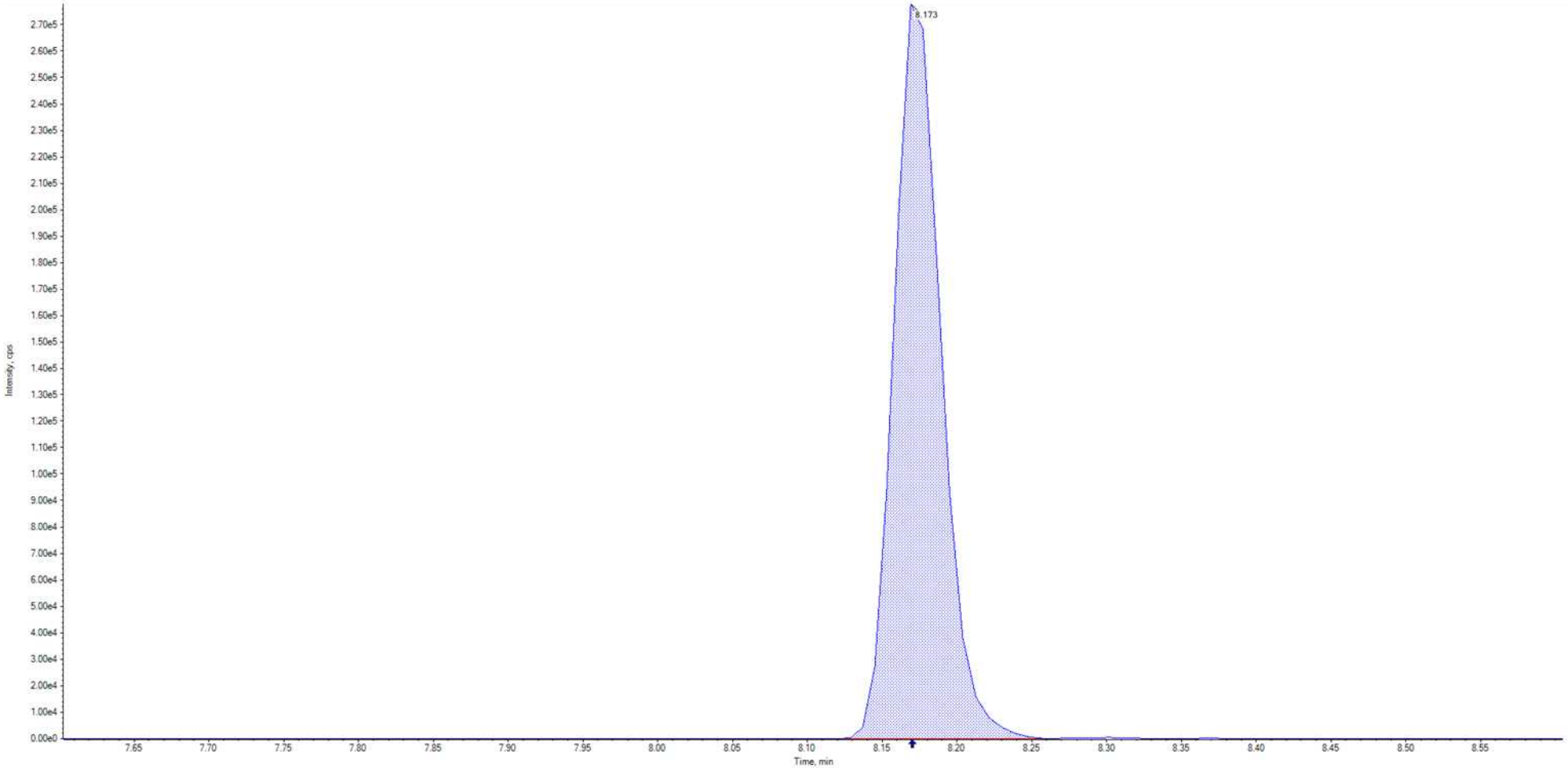
13C4-PFOA
Sample: IA1633STD-25



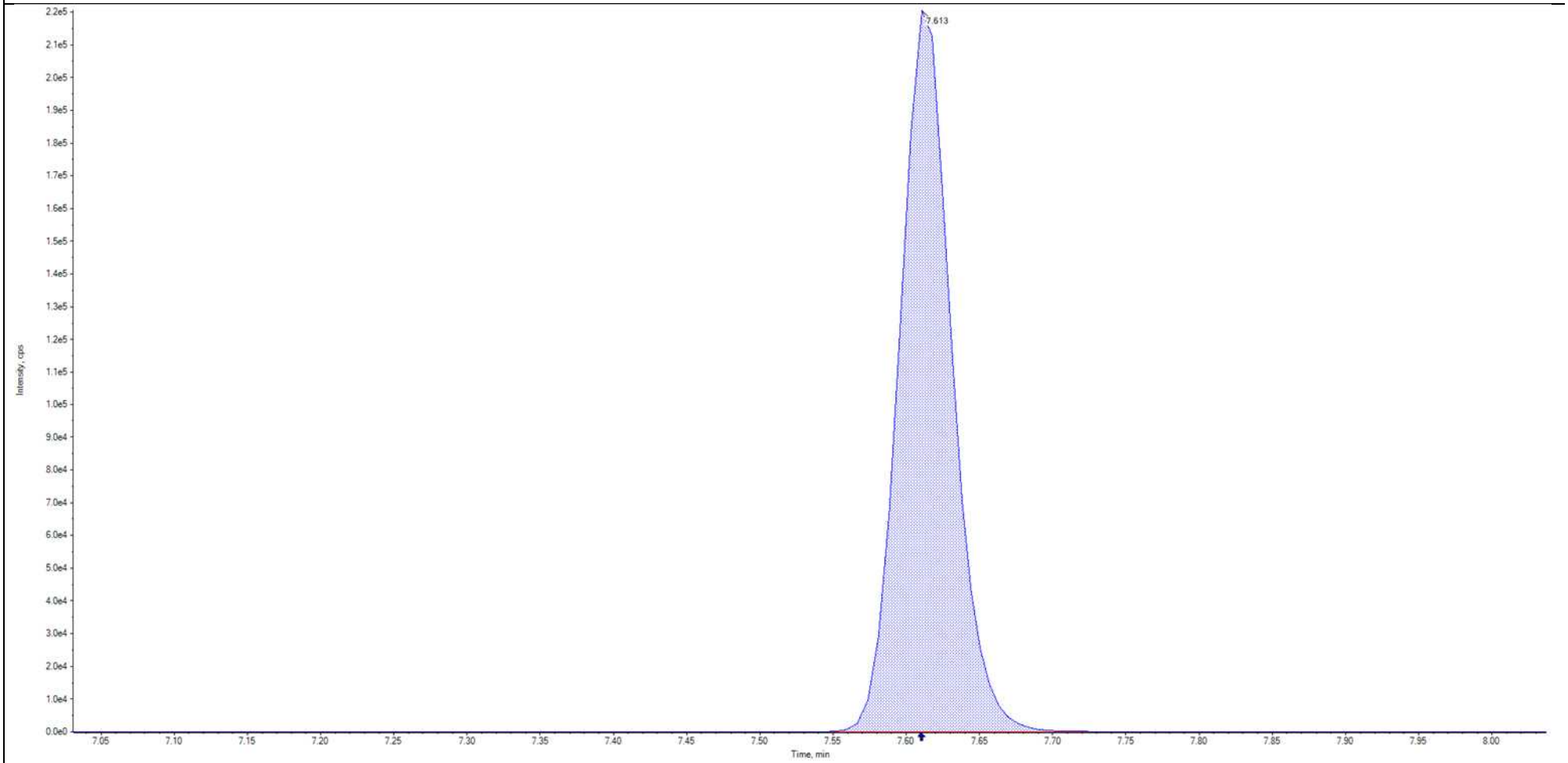
13C5-PFNA
Sample: IA1633STD-25



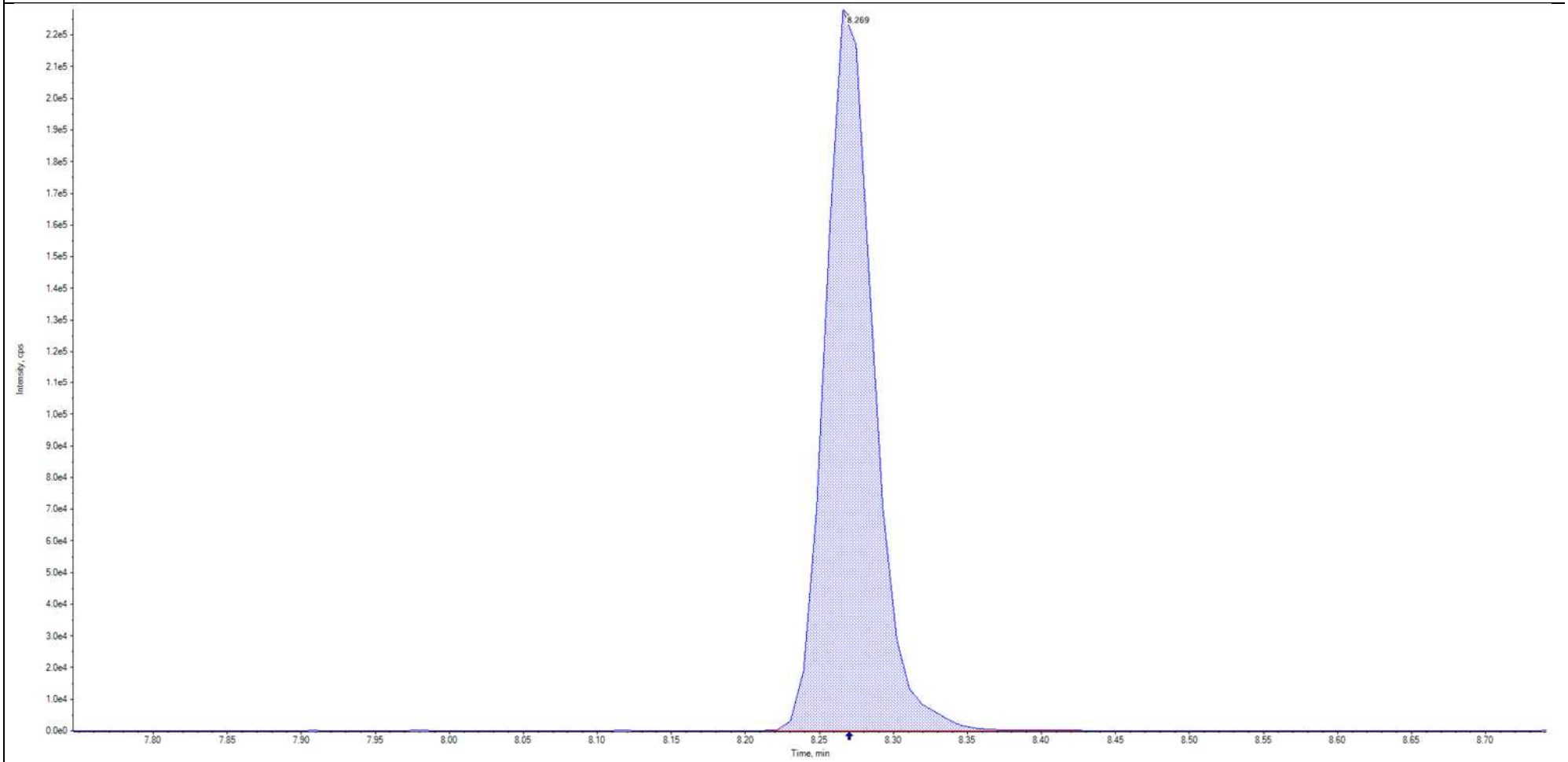
13C2-PFDA
Sample: IA1633STD-25



18O2-PFHxS
Sample: IA1633STD-25



13C4-PFOS
Sample: IA1633STD-25



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_78.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: IA1633STD-62.5
Name: SCI05_240813_79.wiff
Date & Time: 2024-08-13T23:32:17
Description: WG1958909,,,625 ul EPA1633_240813_CAL
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.89	213.0 / 169.0	41238756		257.036	N/A	N/A	N/A	102.8
2	PFPeA	2706-90-3	4.65	263.0 / 219.0	29743263		129.972	0.007	0.007	N/A	104.0
3	PFPeA_2	2706-90-3	4.65	263.0 / 68.9	204295		126.434	0.007	0.007	N/A	101.2
4	PFHxA	307-24-4	5.34	313.0 / 269.0	26624209		57.960	0.074	0.072	Pass	92.7
5	PFHxA_2	307-24-4	5.34	313.0 / 119.0	1966660		57.944	0.074	0.072	Pass	92.7
6	PFHpA	375-85-9	6.25	363.1 / 319.0	27365507		62.077	0.312	0.297	Pass	99.3
7	PFHpA_2	375-85-9	6.25	363.1 / 169.0	8530598		63.237	0.312	0.297	Pass	101.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.50	413.1 / 369.1	18218936	M5	66.636	0.539	0.586	Pass	106.6
9	PFOA_2	335-67-1	7.50	413.1 / 169.0	9811452	M7	65.495	0.539	0.586	Pass	104.8
10	PFNA	375-95-1	7.95	462.8 / 418.9	22763835	M5	64.916	0.315	0.313	Pass	103.9
11	PFNA_2	375-95-1	7.95	462.8 / 218.9	7163225	M7	66.844	0.315	0.313	Pass	107.0
12	PFDA	335-76-2	8.18	513.1 / 469.1	21763691		59.208	0.160	0.142	Pass	94.7
13	PFDA_2	335-76-2	8.18	513.1 / 219.0	3472002		63.023	0.160	0.142	Pass	100.8
14	PFUnA	2058-94-8	8.47	563.1 / 519.1	17004399		65.595	0.194	0.194	Pass	105.0
15	PFUnA_2	2058-94-8	8.47	563.1 / 269.0	3303497		65.785	0.194	0.194	Pass	105.3
16	PFDoA	307-55-1	8.90	613.1 / 569.1	20644301		55.749	0.173	0.167	Pass	89.2
17	PFDoA_2	307-55-1	8.90	613.1 / 319.0	3571949		57.099	0.173	0.167	Pass	91.4
18	PFTrDA	72629-94-8	9.50	663.1 / 619.1	13521775		61.280	0.207	0.228	Pass	98.1
19	PFTrDA_2	72629-94-8	9.50	663.1 / 169.0	2800725		56.989	0.207	0.228	Pass	91.2
20	PFTeDA	376-06-7	9.91	713.1 / 669.1	20696767		53.617	0.140	0.137	Pass	85.8
21	PFTeDA_2	376-06-7	9.91	713.1 / 169.0	2887576		54.691	0.140	0.137	Pass	87.5
22	PFBS	375-73-5	5.32	299.1 / 80.1	17476522		59.577	0.387	0.396	Pass	107.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.32	299.1 / 99.1	6771764		57.902	0.387	0.396	Pass	104.5
24	PFPeS	2706-91-4	6.34	349.1 / 80.1	15870136		63.007	0.301	0.299	Pass	107.1
25	PFPeS_2	2706-91-4	6.34	349.1 / 99.1	4778696		62.902	0.301	0.299	Pass	107.0
26	PFHxS	355-46-4	7.62	399.1 / 80.1	13905841	M5	58.995	0.307	0.315	Pass	103.3
27	PFHxS_2	355-46-4	7.62	399.1 / 99.1	4263367	M7	58.239	0.307	0.315	Pass	102.0
28	PFHpS	375-92-8	8.02	449.1 / 80.1	14651286		61.765	0.289	0.287	Pass	103.7
29	PFHpS_2	375-92-8	8.02	449.1 / 99.1	4241343		61.006	0.289	0.287	Pass	102.4
30	PFOS	1763-23-1	8.27	499.1 / 80.1	15218317	M5	60.256	0.235	0.238	Pass	103.9
31	PFOS_2	1763-23-1	8.27	499.1 / 99.1	3573585		57.753	0.235	0.238	Pass	99.6
32	PFNS	68259-12-1	8.63	549.1 / 80.1	9187351		56.660	0.300	0.301	Pass	94.2
33	PFNS_2	68259-12-1	8.63	549.1 / 99.1	2758938		56.179	0.300	0.301	Pass	93.4
34	PFDS	335-77-3	9.14	599.1 / 80.1	10136479		63.461	0.276	0.275	Pass	105.2
35	PFDS_2	335-77-3	9.14	599.1 / 99.1	2801647		63.629	0.276	0.275	Pass	105.5
36	PFDoS	79780-39-5	10.00	699.2 / 80.1	9057070		61.909	0.269	0.274	Pass	102.1
37	PFDoS_2	79780-39-5	10.00	699.2 / 99.1	2431849		60.498	0.269	0.274	Pass	99.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.14	327.1 / 307.1	23137425		193.973	0.556	0.516	Pass	82.8
39	4:2FTS_2	757124-72-4	5.14	327.1 / 81.1	12857638		201.493	0.556	0.516	Pass	86.0
40	6:2FTS	27619-97-2	7.09	427.2 / 407.2	16231198		215.162	0.570	0.565	Pass	90.6
41	6:2FTS_2	27619-97-2	7.09	427.2 / 81.1	9247868		226.647	0.570	0.565	Pass	95.4
42	8:2FTS	39108-34-4	8.07	527.2 / 507.2	15163258		206.092	0.704	0.662	Pass	85.9
43	8:2FTS_2	39108-34-4	8.07	527.2 / 81.1	10675747		213.920	0.704	0.662	Pass	89.1
44	PFOSA	754-91-6	9.54	498.1 / 78.1	15046966	M5	72.144	0.024	0.025	Pass	115.4
45	PFOSA_2	754-91-6	9.54	498.1 / 478.0	366823	M7	67.032	0.024	0.025	Pass	107.3
46	NMeFOSA	31506-32-8	10.17	512.2 / 219.0	4433790	M5	66.397	1.431	1.551	Pass	106.2
47	NMeFOSA_2	31506-32-8	10.13	512.2 / 169.0	6344764	M7	61.315	1.431	1.551	Pass	98.1
48	NEtFOSA	4151-50-2	10.38	526.2 / 219.0	4230356	M5	64.647	1.316	1.285	Pass	103.4
49	NEtFOSA_2	4151-50-2	10.35	526.2 / 169.0	5567473	M7	63.557	1.316	1.285	Pass	101.7
50	NMeFOSAA	2355-31-9	8.23	570.2 / 419.1	5124216		73.109	0.577	0.700	Pass	117.0
51	NMeFOSAA_2	2355-31-9	8.23	570.2 / 483.0	2957556	M7	66.352	0.577	0.700	Pass	106.2
52	NEtFOSAA	2991-50-6	8.37	584.2 / 419.1	4386182		69.025	0.452	0.487	Pass	110.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.37	584.2 / 526.2	1981443	M7	67.761	0.452	0.487	Pass	108.4
54	NMeFOSE	24448-09-7	10.08	616.1 / 58.9	84038487	M5	676.347	N/A	N/A	N/A	108.2
55	NEtFOSE	1691-99-2	10.28	630.0 / 58.9	124215059	M5	634.255	N/A	N/A	N/A	101.5
56	HFPO-DA	13252-13-6	5.60	285.0 / 169.0	56235106		249.987	0.429	0.464	Pass	100.0
57	HFPO-DA_2	13252-13-6	5.60	285.0 / 184.9	24139214		230.767	0.429	0.464	Pass	92.3
58	ADONA	919005-14-4	6.72	377.1 / 251.0	117900625		230.458	0.628	0.634	Pass	97.6
59	ADONA_2	919005-14-4	6.72	377.1 / 84.8	74032171		223.648	0.628	0.634	Pass	94.7
60	9Cl-PF3ONS	756426-58-1	8.50	530.8 / 351.1	92226023		182.829	0.348	0.322	Pass	78.2
61	9Cl-PF3ONS_2	756426-58-1	8.50	532.8 / 353.0	32083911		195.313	0.348	0.322	Pass	83.6
62	11Cl-PF3OUdS	763051-92-9	9.57	630.9 / 451.0	65219566		204.689	0.349	0.331	Pass	86.6
63	11Cl-PF3OUdS_2	763051-92-9	9.57	632.9 / 452.9	22782235		212.450	0.349	0.331	Pass	89.9
64	3:3FTCA	356-02-5	N/A	241.1 / 177.1	N/A		N/A	N/A	1.074	N/A	N/A
65	3:3FTCA_2	356-02-5	N/A	241.1 / 117.0	N/A		N/A	N/A	1.074	N/A	N/A
66	5:3FTCA	914637-49-3	7.16	341.1 / 237.1	120353707		1444.284	0.958	0.953	Pass	92.4
67	5:3FTCA_2	914637-49-3	7.16	341.1 / 217.0	115277893		1461.981	0.958	0.953	Pass	93.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	N/A	441.1 / 316.9	N/A		N/A	N/A	1.558	Pass	N/A
69	7:3FTCA_2	812-70-4	N/A	441.1 / 337.1	N/A		N/A	N/A	1.558	Pass	N/A
70	PFEESA	113507-82-7	5.71	315.1 / 135.0	87964966		110.377	0.086	0.087	Pass	99.2
71	PFEESA_2	113507-82-7	5.71	315.1 / 82.9	7602156		110.416	0.086	0.087	Pass	99.3
72	PFMPA	377-73-1	3.86	229.0 / 85.0	3753262		135.501	N/A	N/A	N/A	108.4
73	PFMBA	863090-89-5	4.88	279.0 / 85.0	49534492		132.632	N/A	N/A	N/A	106.1
74	NFDHA	151772-58-6	5.26	295.0 / 201.0	10150512		120.983	0.838	0.910	Pass	96.8
75	NFDHA_2	151772-58-6	5.26	295.0 / 84.9	8510213		110.645	0.838	0.910	Pass	88.5
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.13	333.2 / 312.1	835350		4.789	N/A	N/A	N/A	95.8
79	13C2-PFOA	Surr	7.50	415.0 / 370.0	3061091		2.255	N/A	N/A	N/A	90.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	1978403		9.573	NA	NA	NA	95.7

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1241019		4.479	NA	NA	NA	89.6
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	942506		2.590	NA	NA	NA	103.6
	13C4-PFHpA	EIS	6.25	367.0 / 322.0	941065		2.583	NA	NA	NA	103.3
	13C8-PFOA	EIS	7.50	421.0 / 376.0	1313780		2.144	NA	NA	NA	85.7
	13C9-PFNA	EIS	7.95	472.0 / 427.0	598825		1.163	NA	NA	NA	93.1
	13C6-PFDA	EIS	8.17	519.0 / 474.0	533177		1.147	NA	NA	NA	91.8
	13C7-PFUnA	EIS	8.46	570.0 / 525.0	410077		1.090	NA	NA	NA	87.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.90	615.1 / 570.0	355956		1.455	NA	NA	NA	116.4
	13C2-PFTeDA	EIS	9.90	715.1 / 670.1	385088		1.450	NA	NA	NA	116.0
	13C3-PFBS	EIS	5.31	302.1 / 80.1	699173		2.151	NA	NA	NA	92.3
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	590522		2.288	NA	NA	NA	96.5
	13C8-PFOS	EIS	8.27	507.1 / 80.1	614865		2.280	NA	NA	NA	95.2
	13C2-4:2FTS	EIS	5.13	329.1 / 81.1	285459		4.922	NA	NA	NA	104.9
	13C2-6:2FTS	EIS	7.09	429.2 / 81.1	218658		5.144	NA	NA	NA	108.2
	13C2-8:2FTS	EIS	8.07	529.2 / 81.1	278637		4.479	NA	NA	NA	93.3

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	780144		2.176	NA	NA	NA	87.0
	d3-NMeFOSA	EIS	10.16	515.2 / 219.0	155908		2.583	NA	NA	NA	103.3
	d5-NEtFOSA	EIS	10.37	531.2 / 219.0	148962		2.527	NA	NA	NA	101.1
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	532599		3.903	NA	NA	NA	78.1
	d5-NEtFOSAA	EIS	8.36	589.3 / 419.1	340803		4.753	NA	NA	NA	95.1
	d7-NMeFOSE	EIS	10.07	623.2 / 58.9	1259175		27.016	NA	NA	NA	108.1
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1668328		24.278	NA	NA	NA	97.1

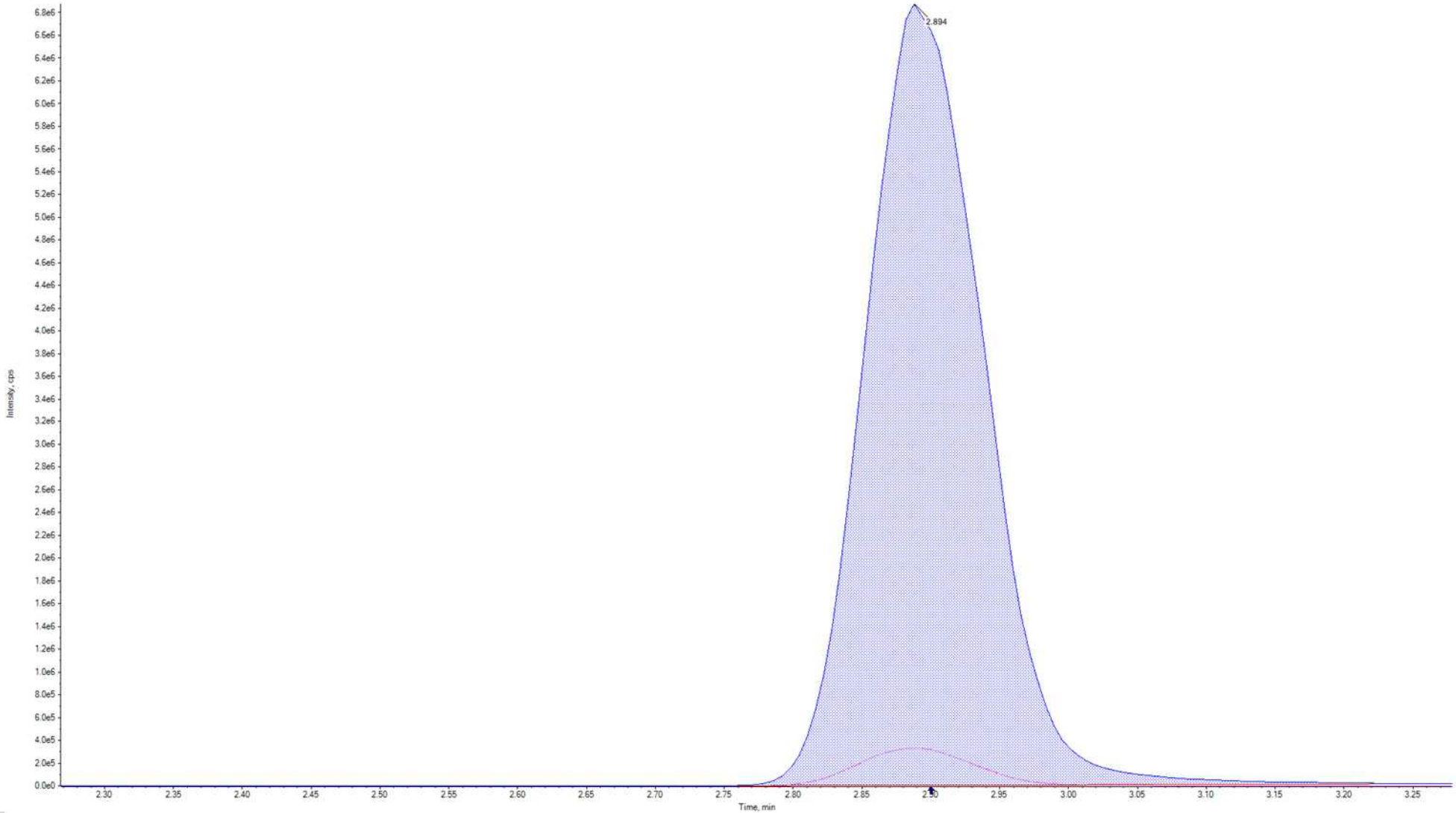
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.60	287.0 / 169.0	2453919		10.174	NA	NA	NA	101.7
	13C3-PFBA	NIS	2.89	216.0 / 172.0	904042		4.228	NA	NA	NA	84.6
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1080583		2.207	NA	NA	NA	88.3
	13C4-PFOA	NIS	7.49	417.0 / 372.0	801802		2.561	NA	NA	NA	102.5
	13C5-PFNA	NIS	7.94	468.0 / 423.0	627158		1.145	NA	NA	NA	91.6
	13C2-PFDA	NIS	8.17	515.1 / 470.1	545978		1.065	NA	NA	NA	85.2
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	524658		2.239	NA	NA	NA	94.5
	13C4-PFOS	NIS	8.27	503.1 / 80.1	477048		2.266	NA	NA	NA	94.6

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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

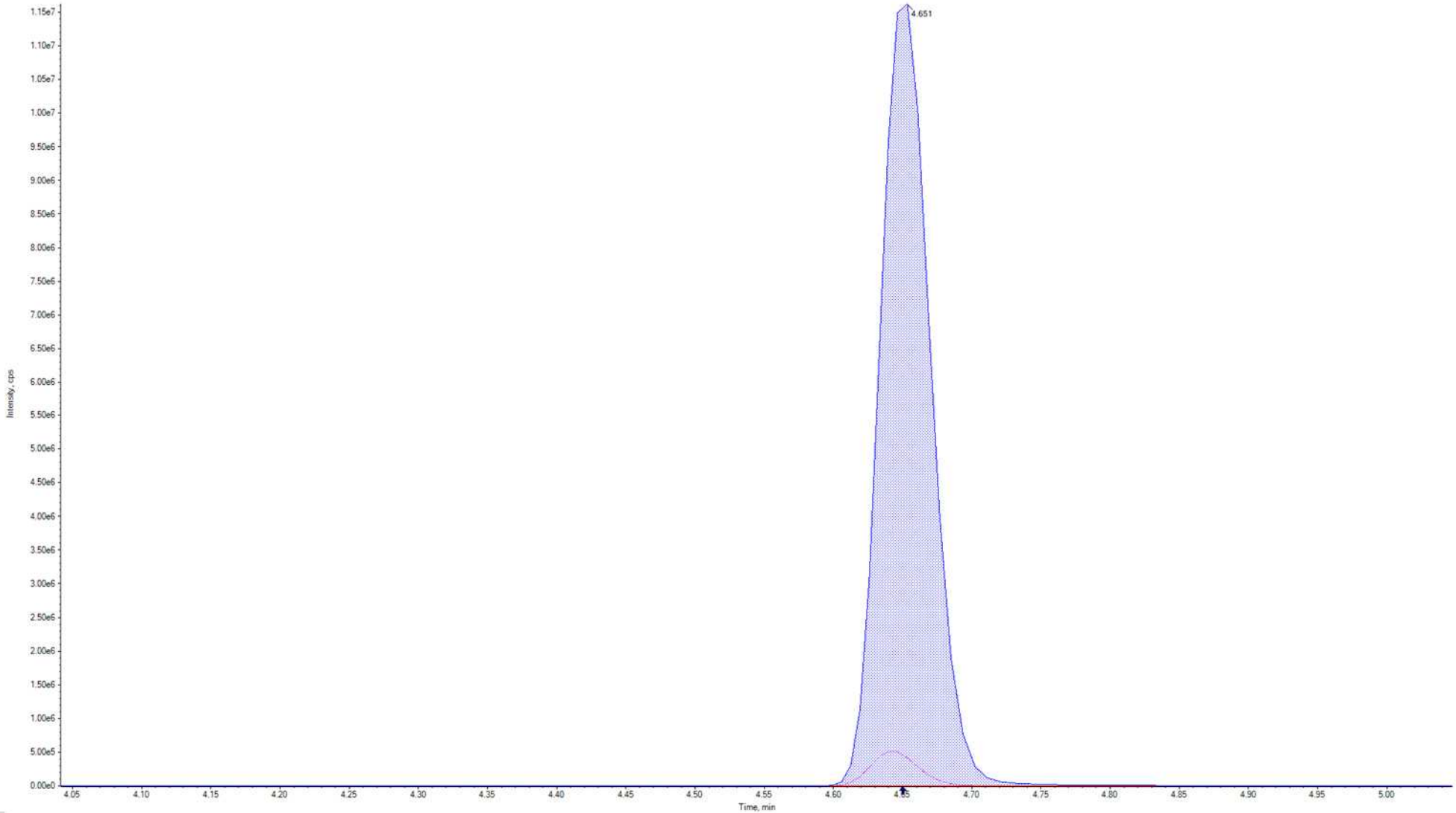
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PFBA
Sample: IA1633STD-62.5 S/N:7592.8 Points Across peak:82



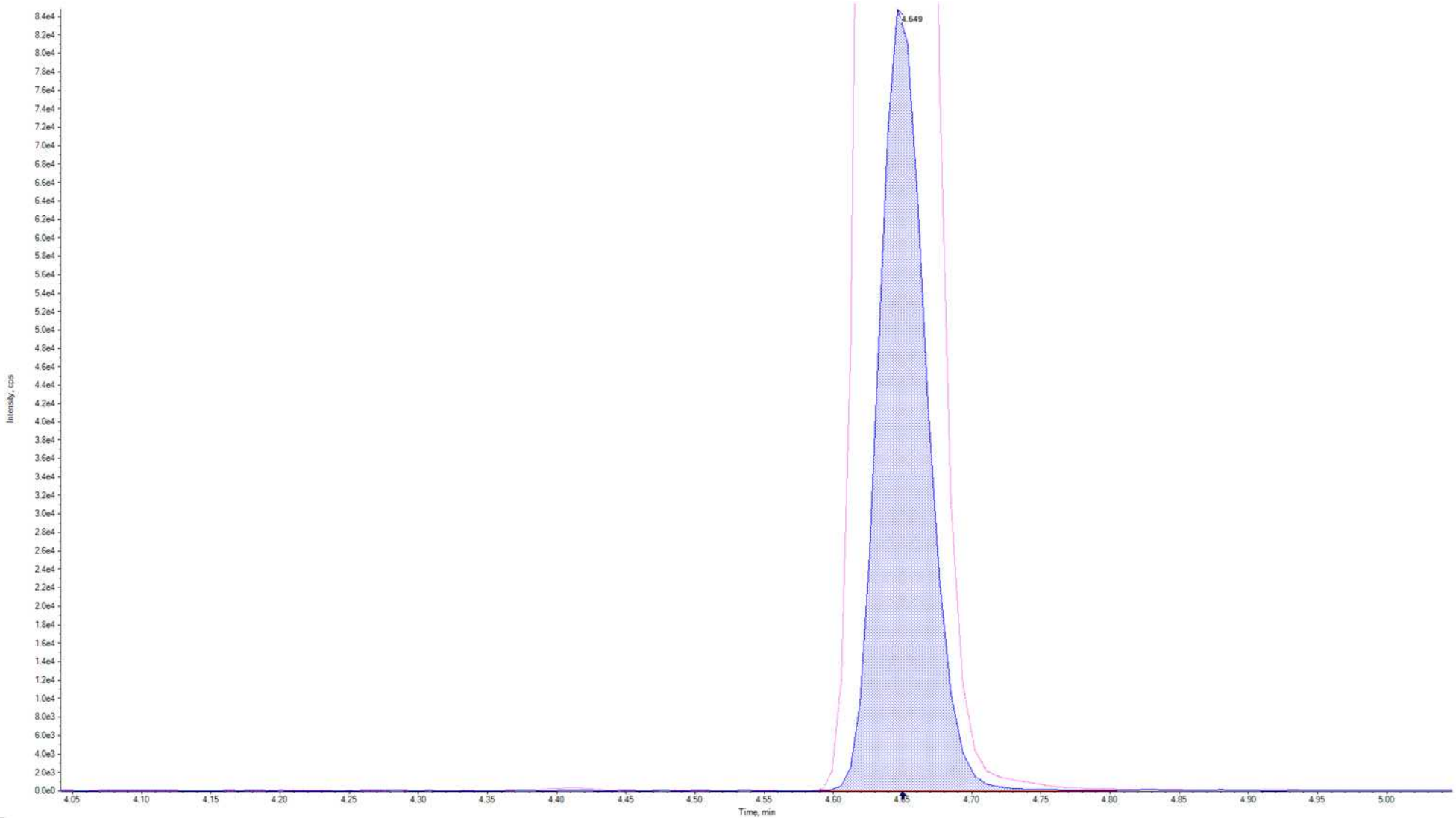
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PFPeA
Sample: IA1633STD-62.5 S/N:9629.3 Points Across peak:41



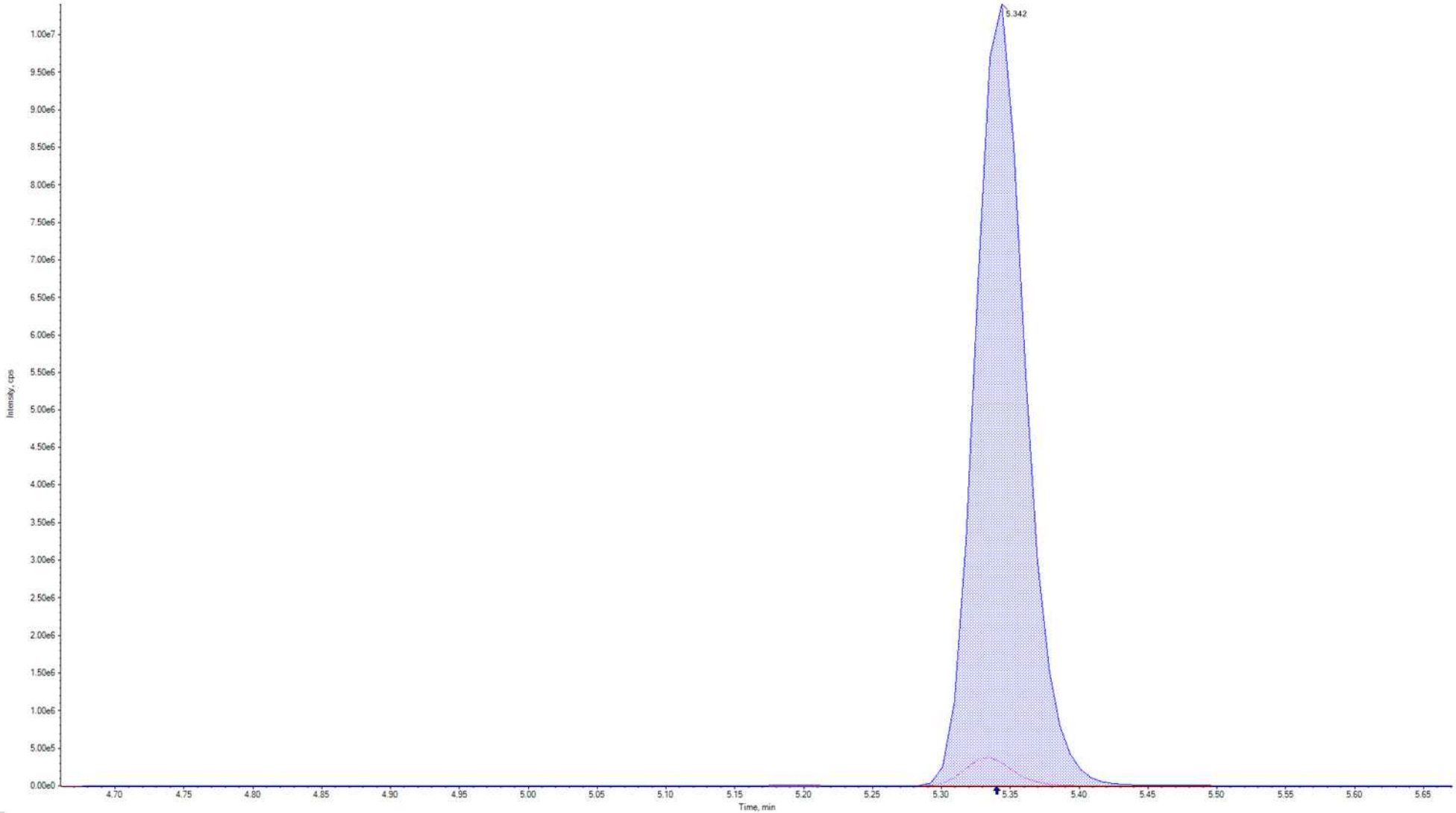
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PFPeA_2
Sample: IA1633STD-62.5 S/N:5093.1 Points Across peak:28



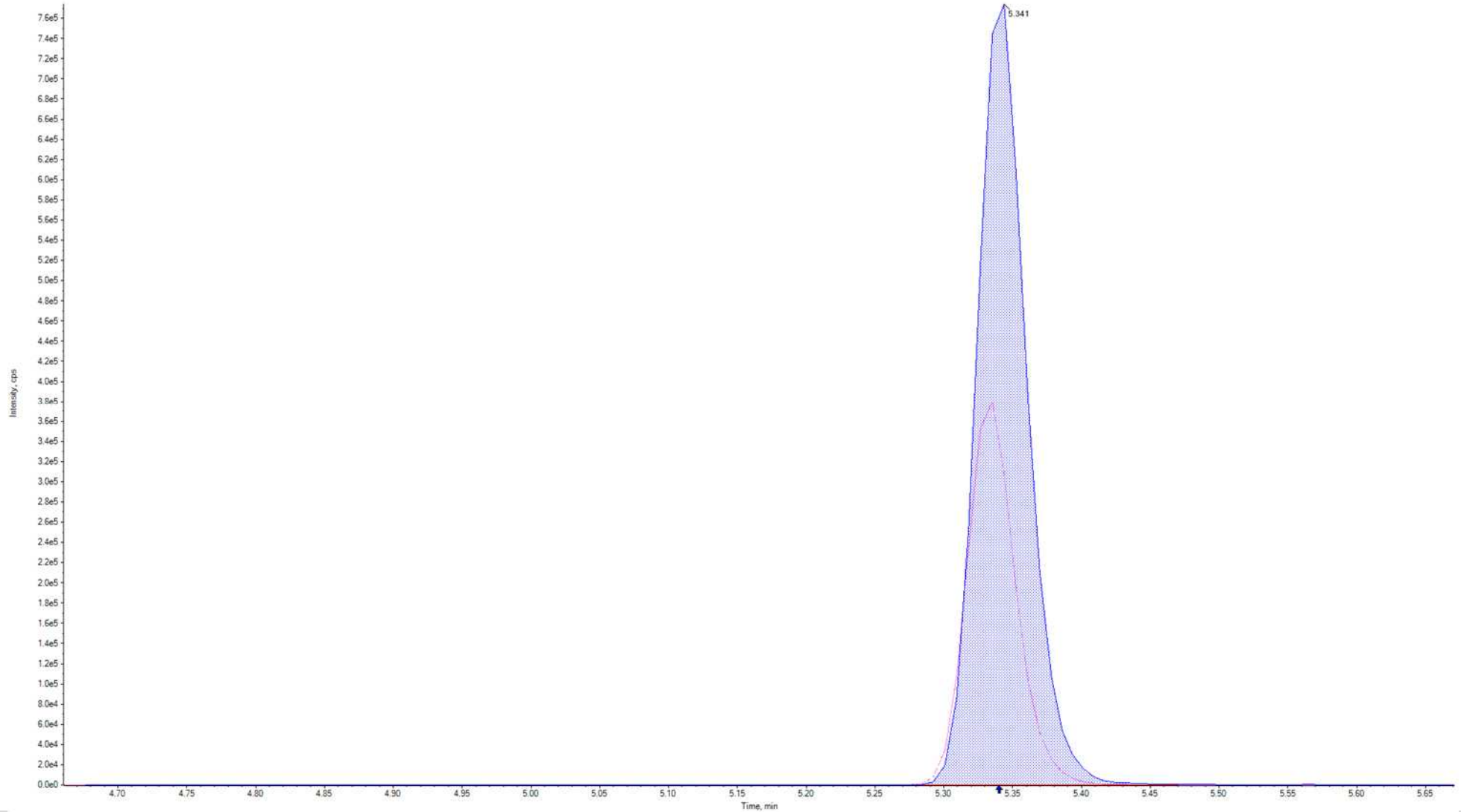
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PFHxA
Sample: IA1633STD-62.5 S/N:4600.3 Points Across peak:36



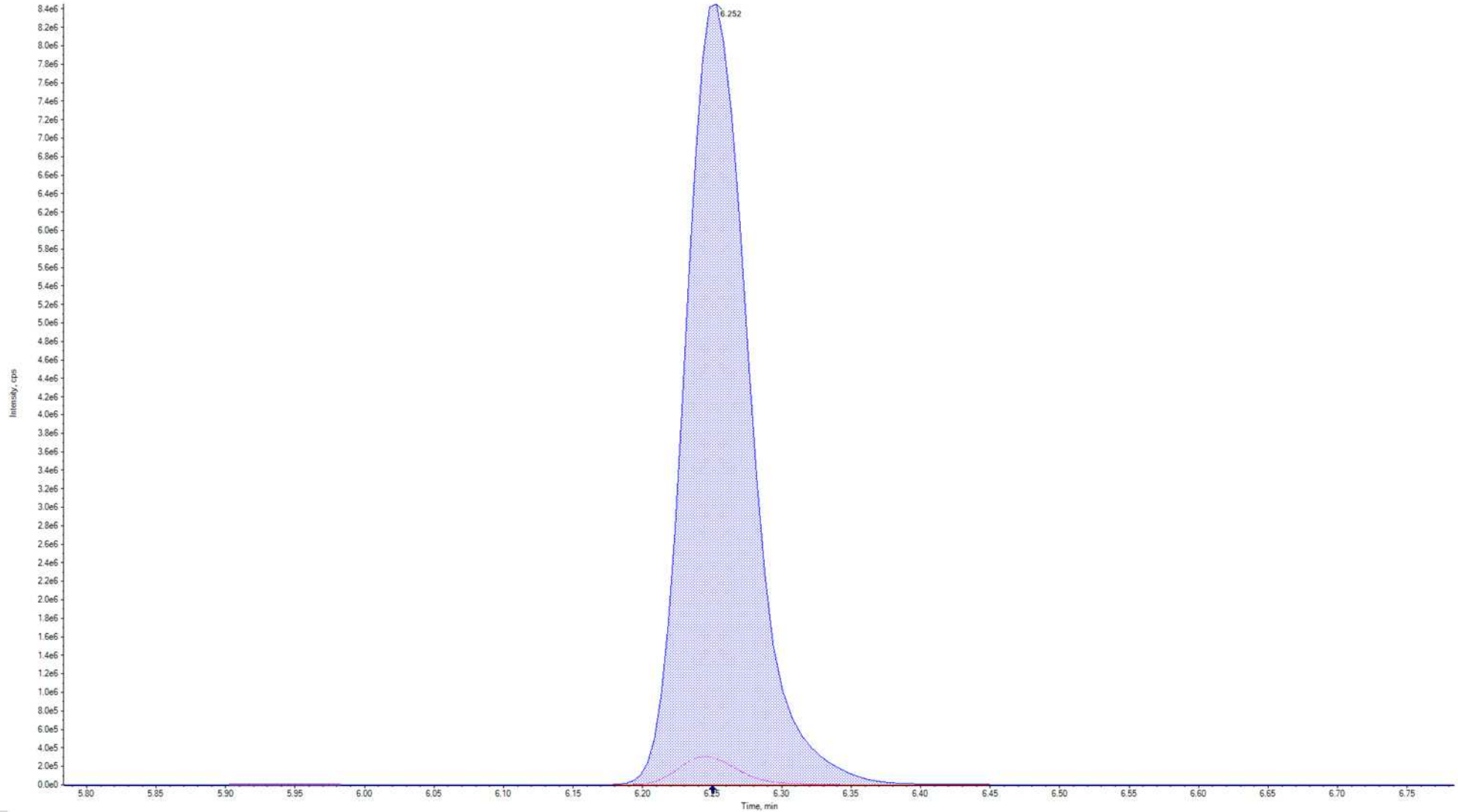
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PFHxA_2
Sample: IA1633STD-62.5 S/N:3785.3 Points Across peak:25



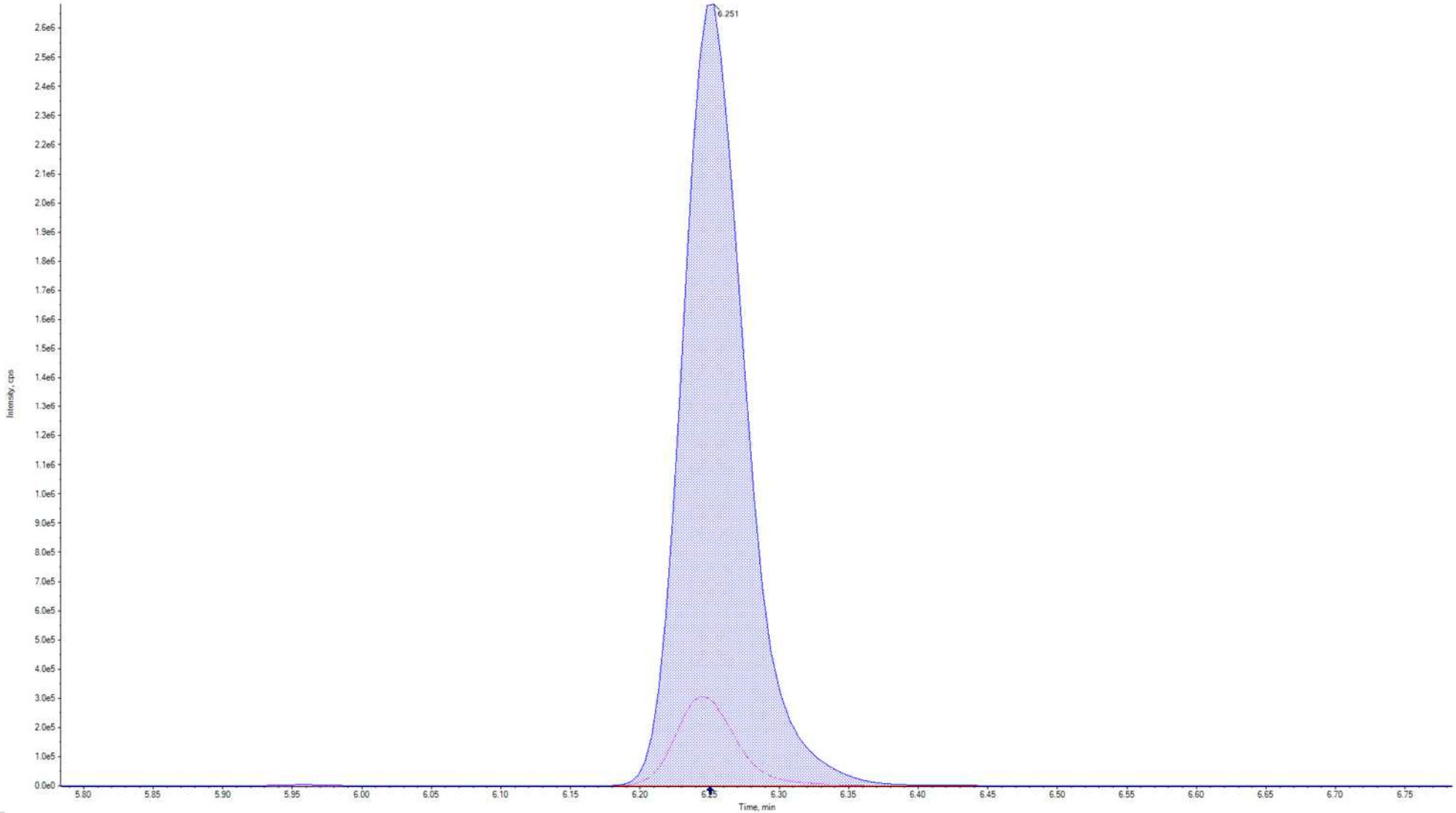
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PFHpA
Sample: IA1633STD-62.5 S/N:9844.2 Points Across peak:76



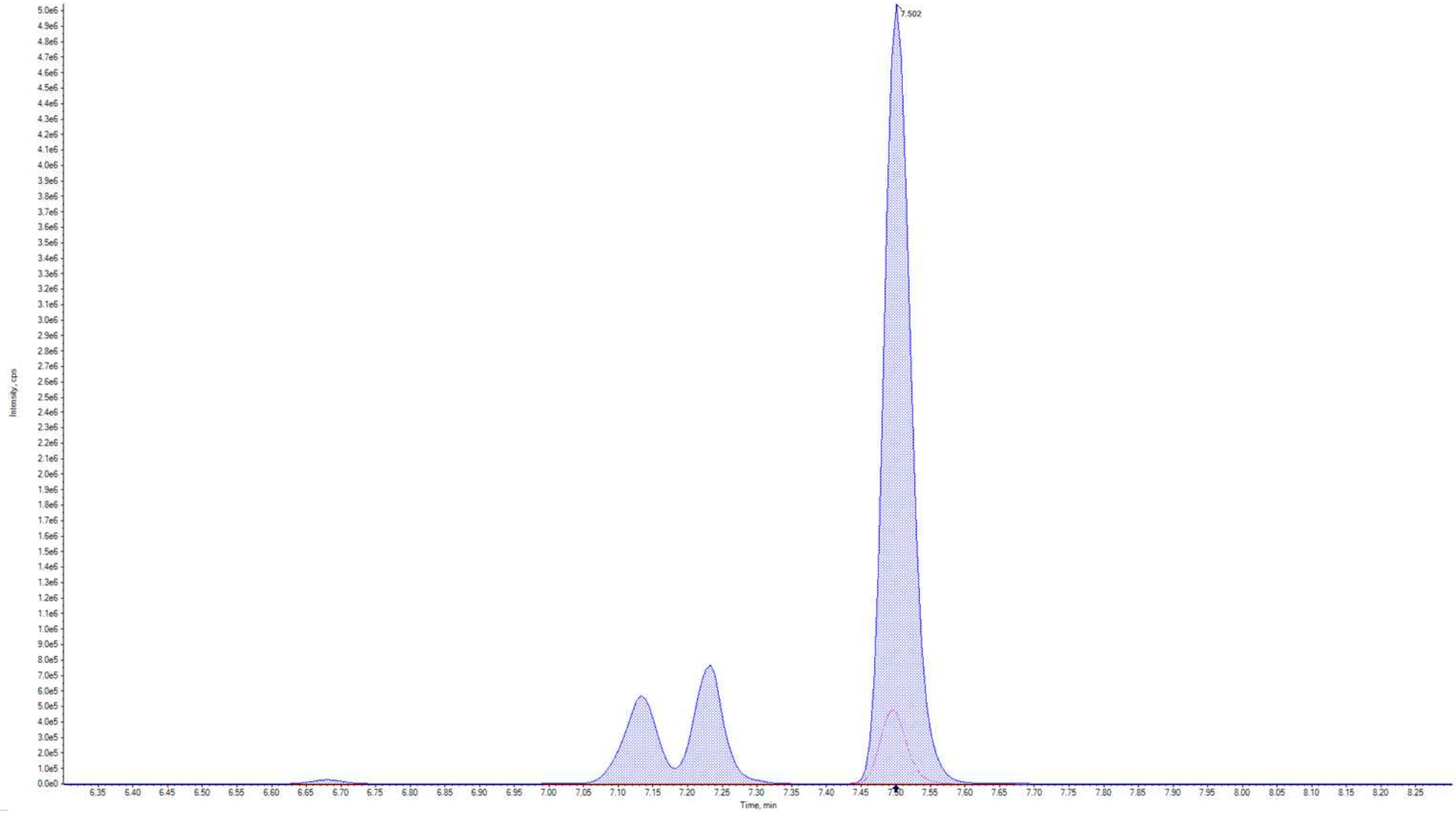
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PFHpA_2
Sample: IA1633STD-62.5 S/N:28626.7 Points Across peak:59



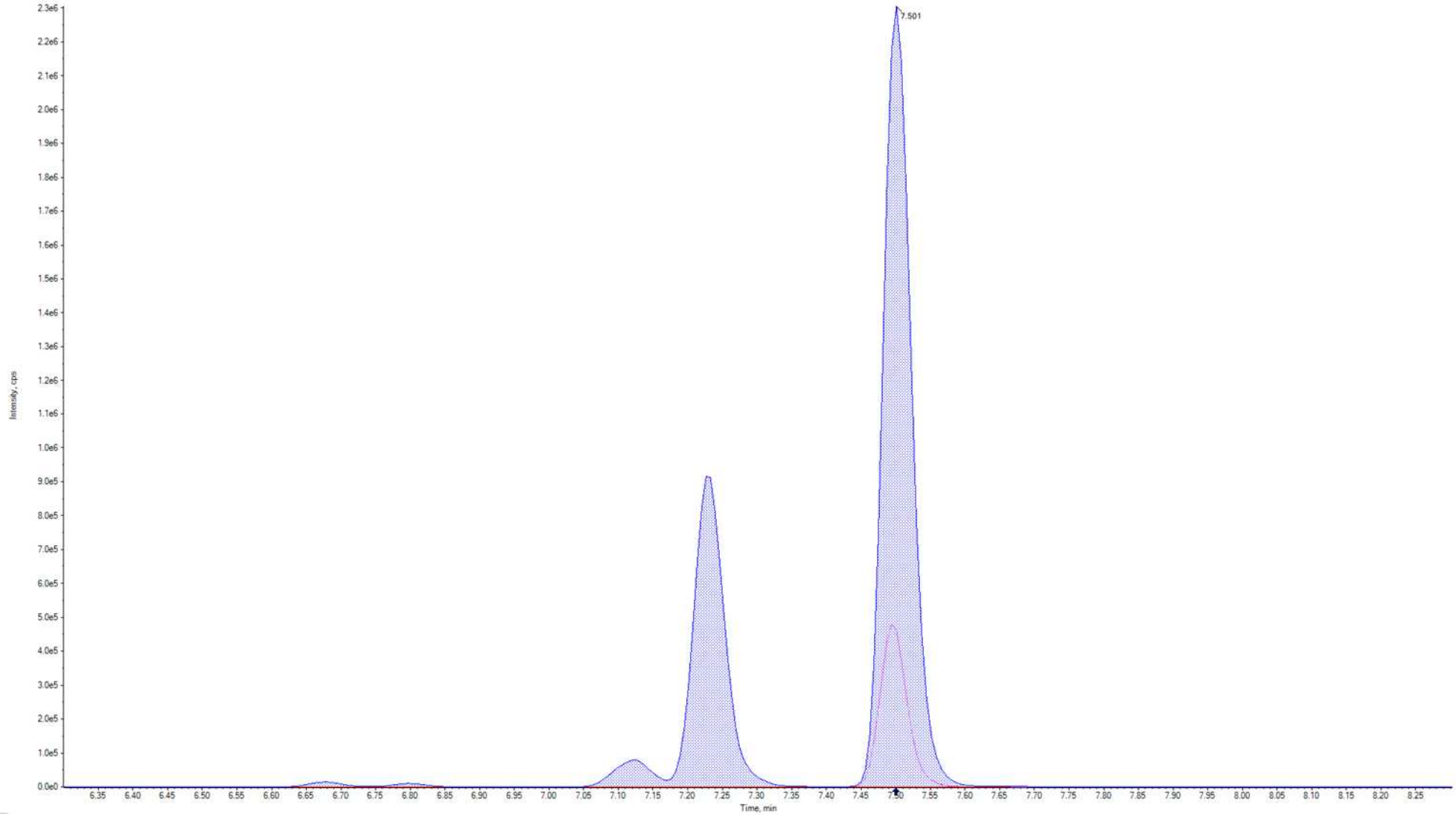
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOA
Sample: IA1633STD-62.5 S/N:6395.3 Points Across peak:163



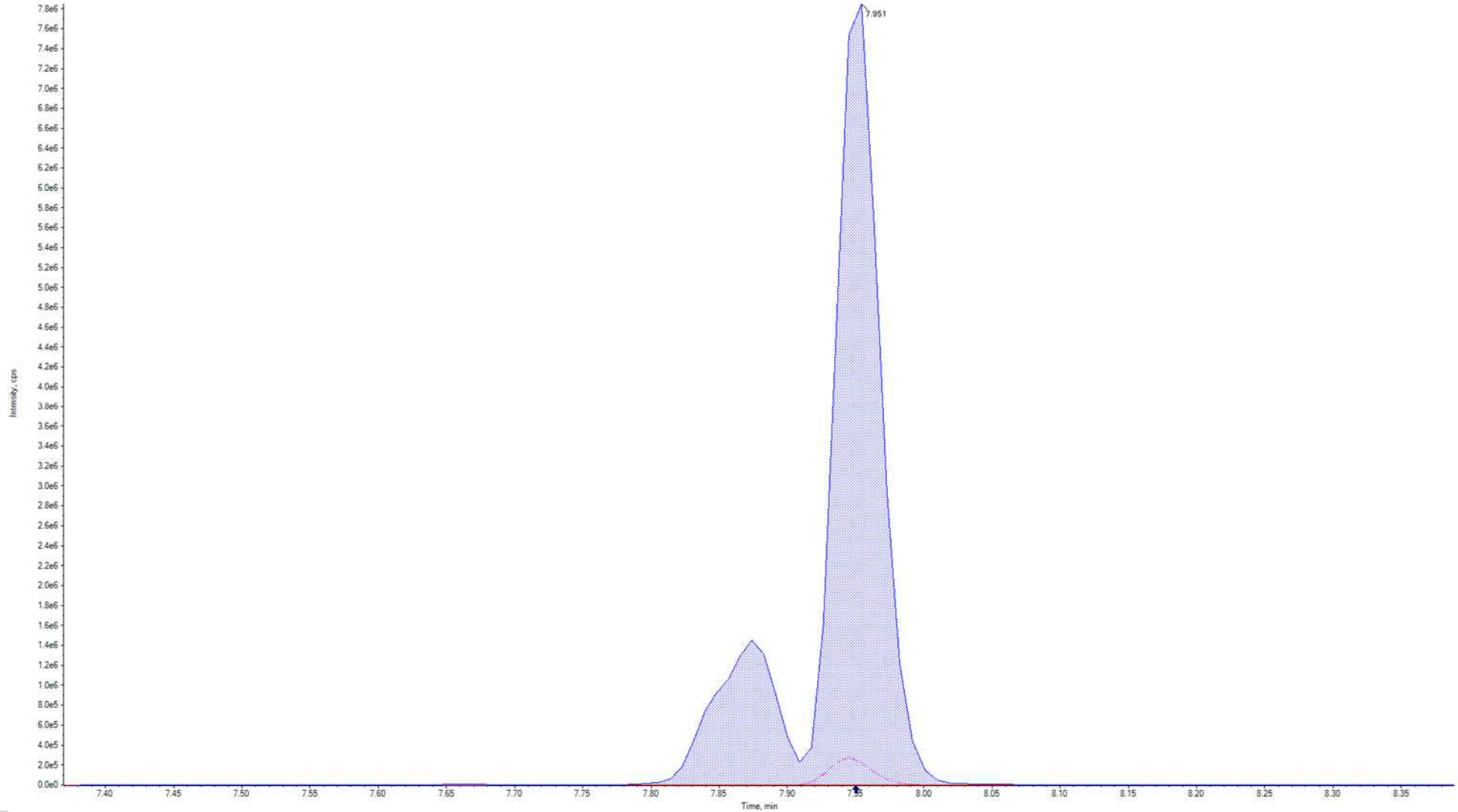
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOA_2
Sample: IA1633STD-62.5 S/N:68293.3 Points Across peak:163



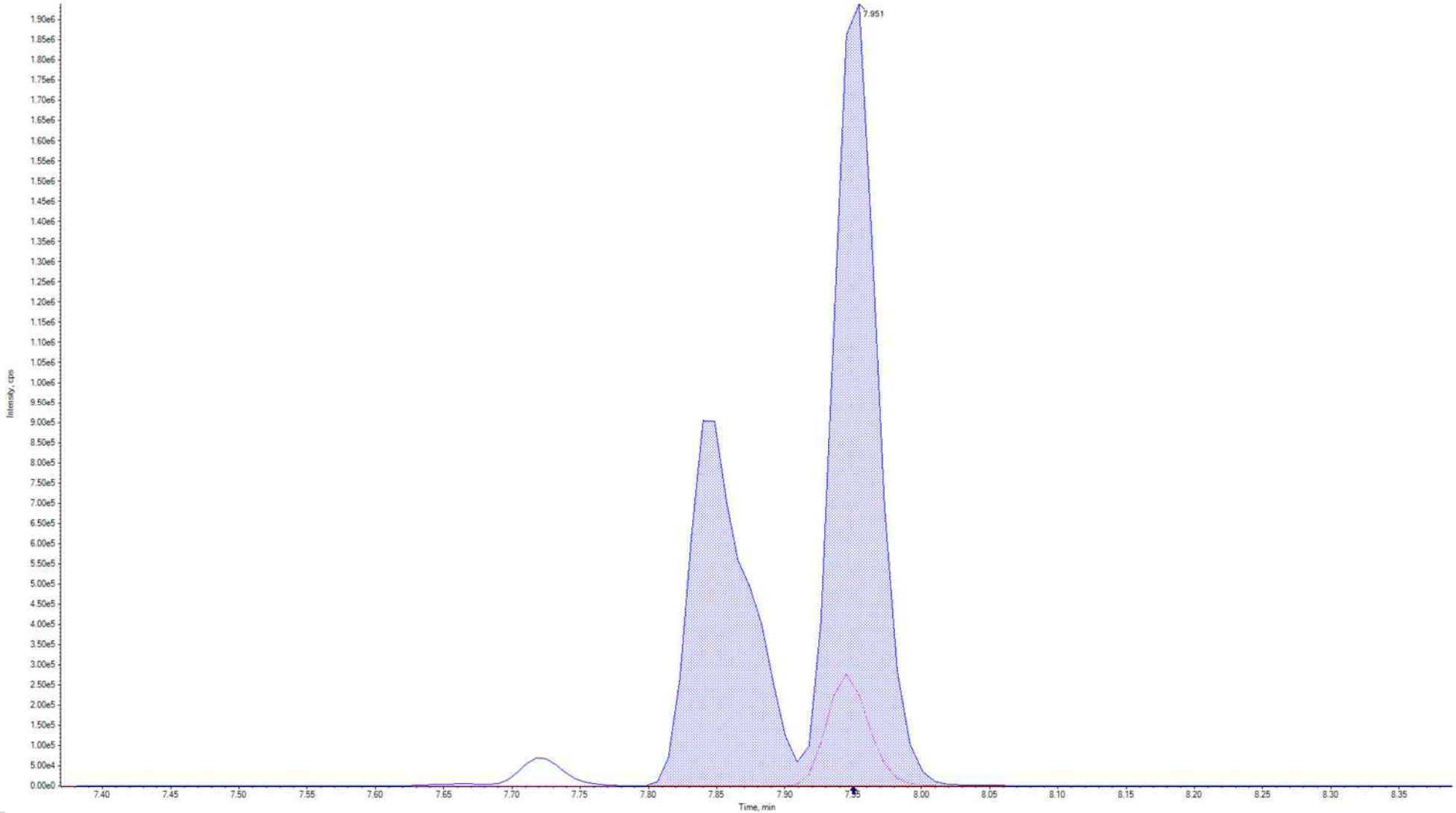
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNA
Sample: IA1633STD-62.5 S/N:5977.9 Points Across peak:39



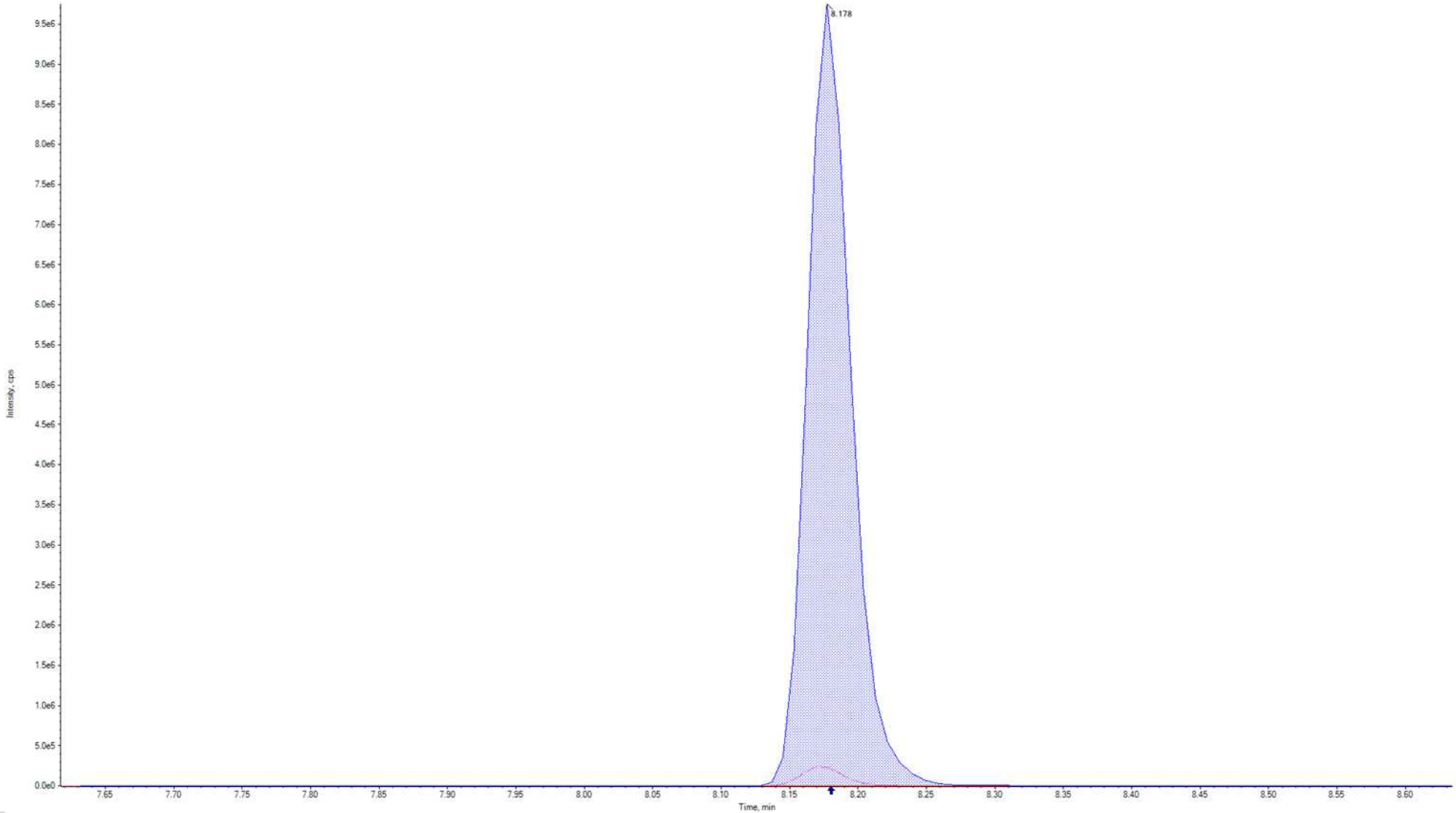
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNA_2
Sample: IA1633STD-62.5 S/N:1566.4 Points Across peak:35



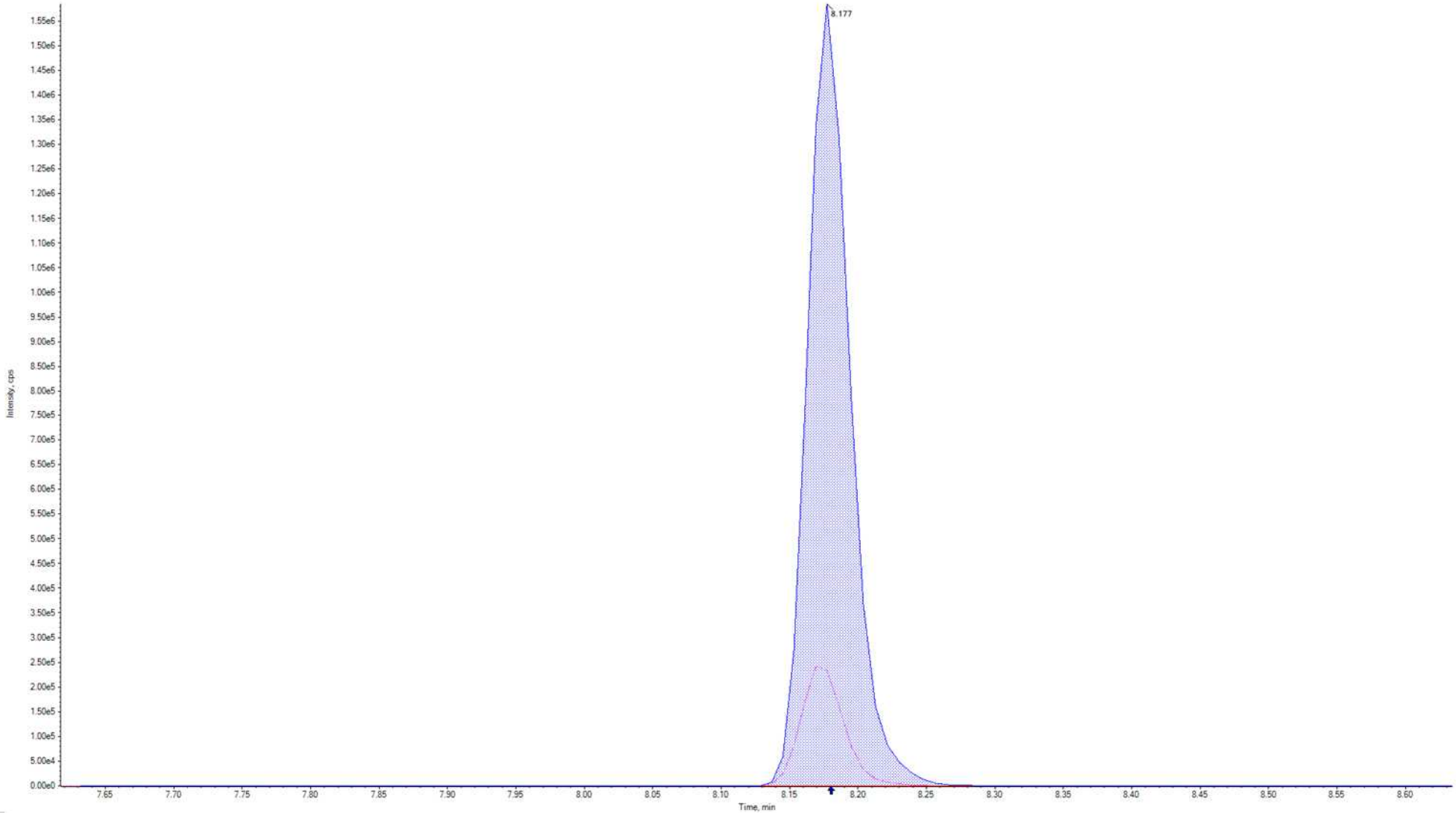
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDA
Sample: IA1633STD-62.5 S/N:10646.2 Points Across peak:40



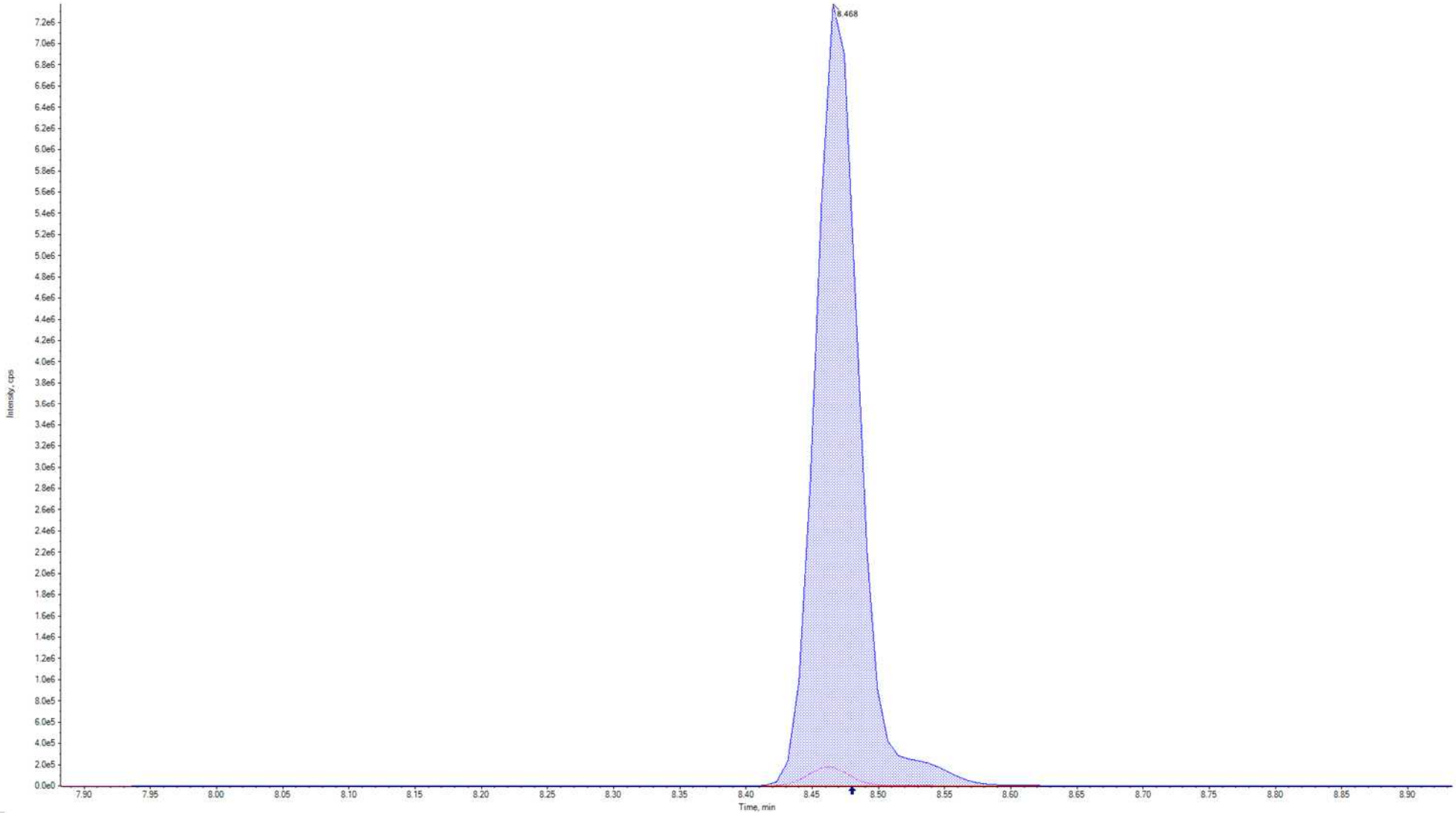
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDA_2
Sample: IA1633STD-62.5 S/N:1948394.4 Points Across peak:36



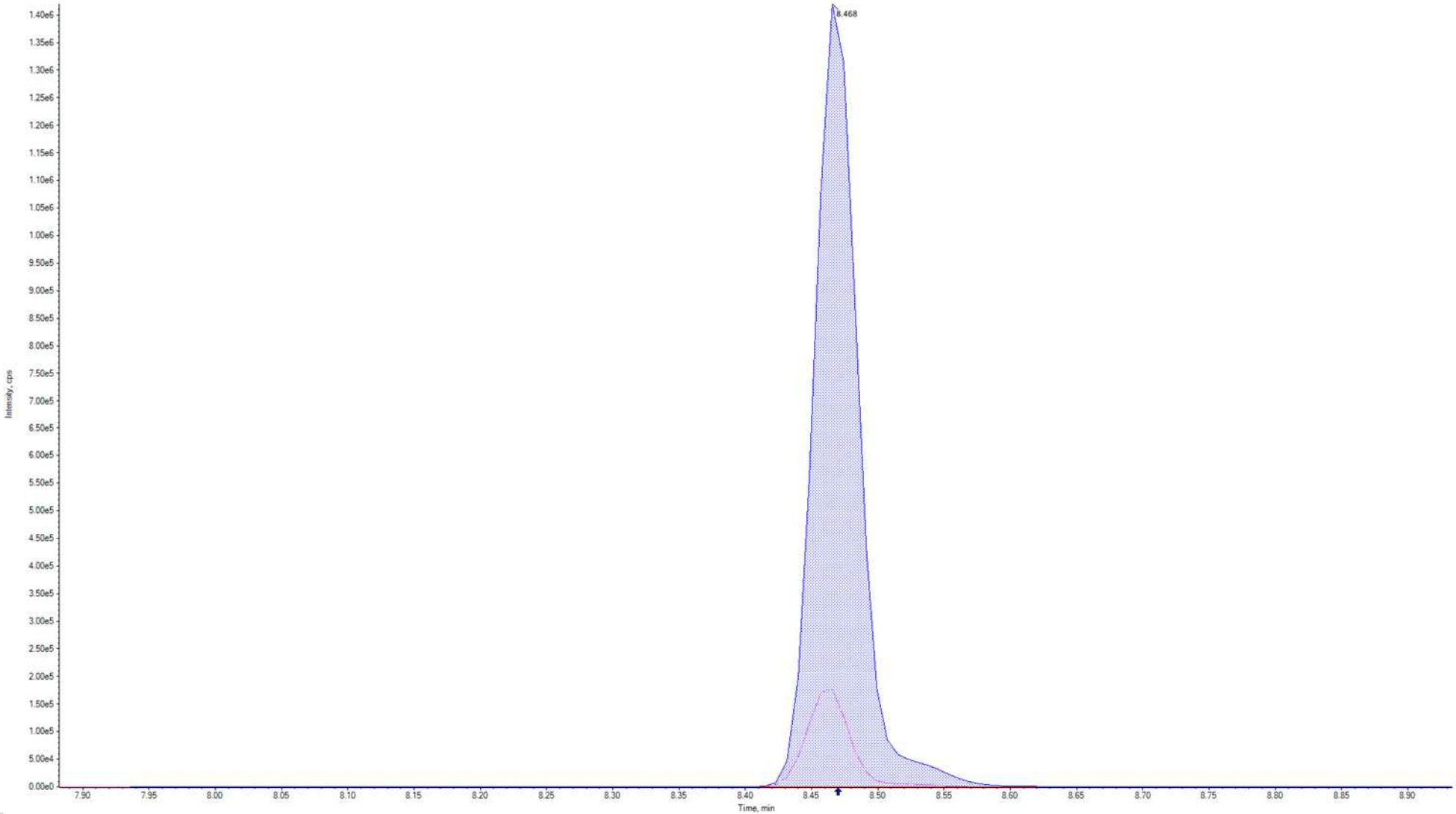
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA
Sample: IA1633STD-62.5 S/N:10439.3 Points Across peak:37



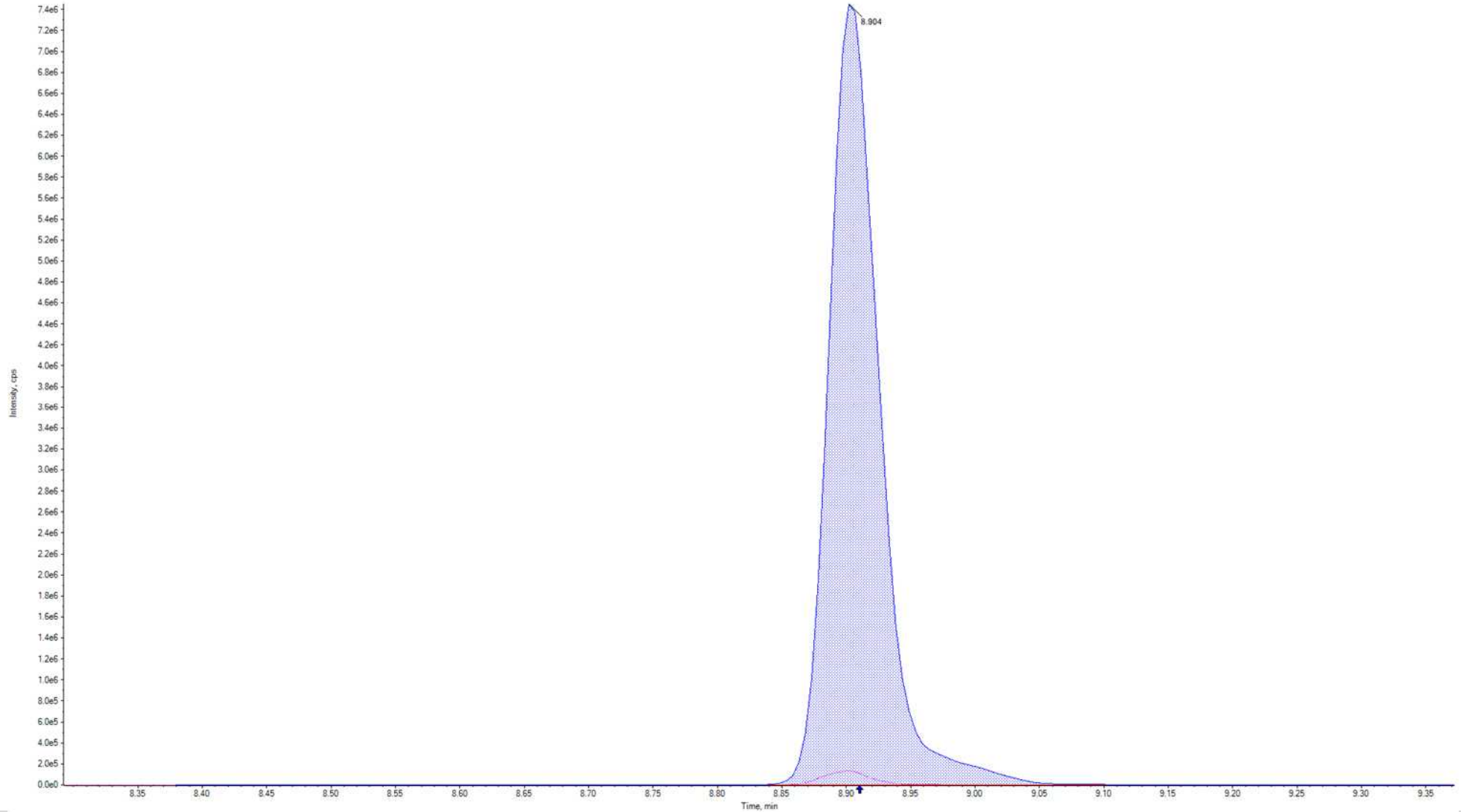
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFUnA_2
Sample: IA1633STD-62.5 S/N:72491.0 Points Across peak:33



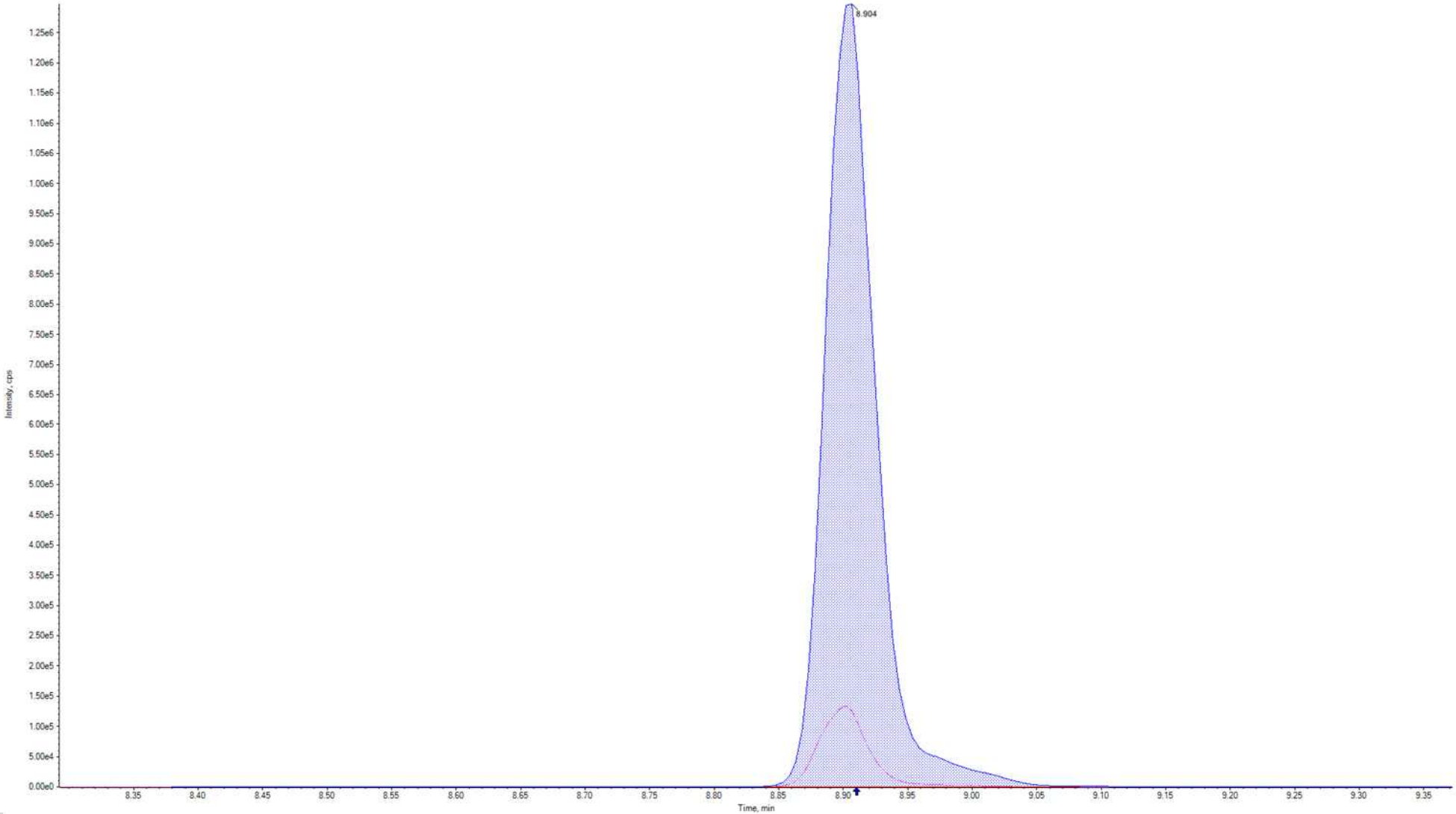
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA
Sample: IA1633STD-62.5 S/N:13674.7 Points Across peak:70



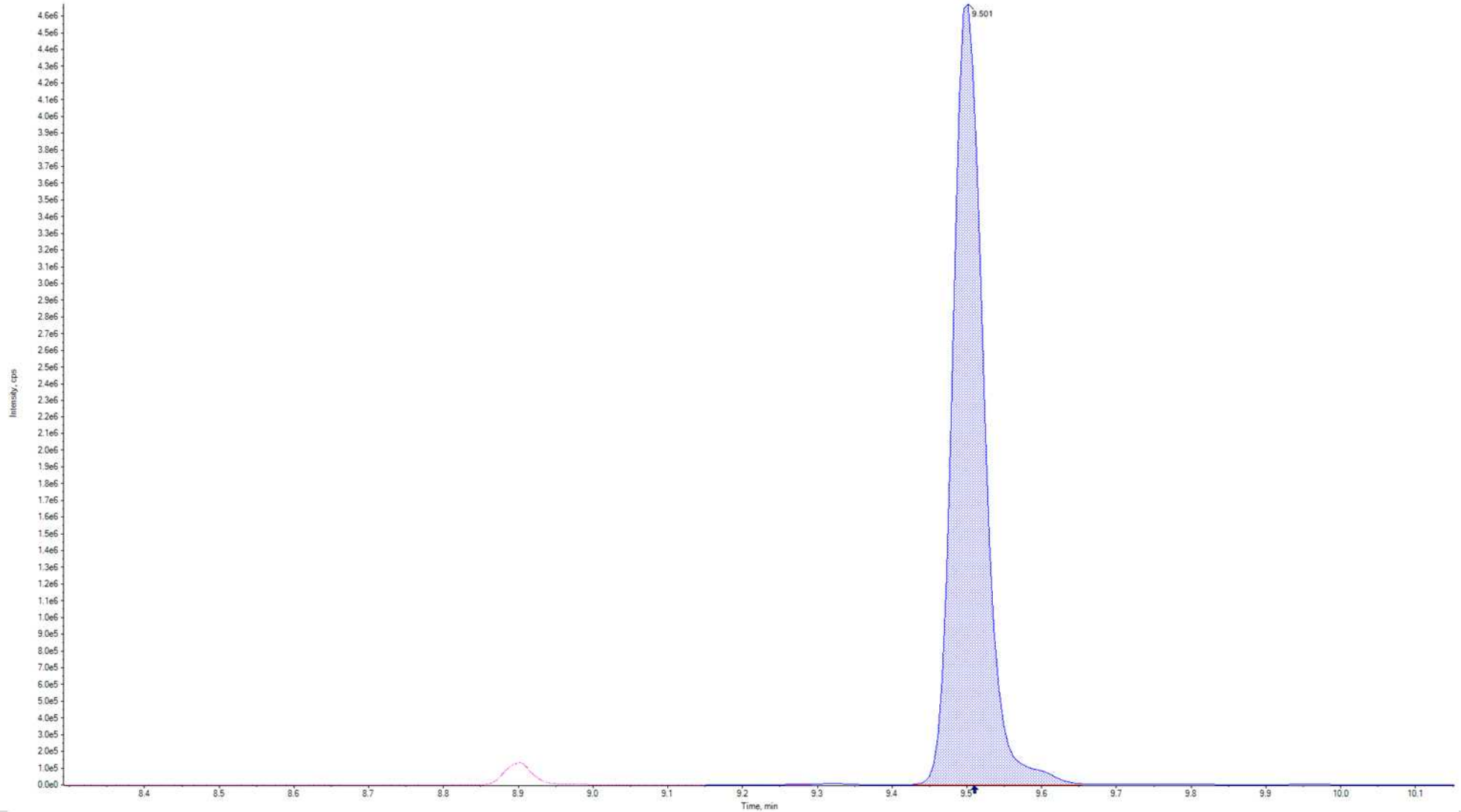
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoA_2
Sample: IA1633STD-62.5 S/N:53506.2 Points Across peak:55



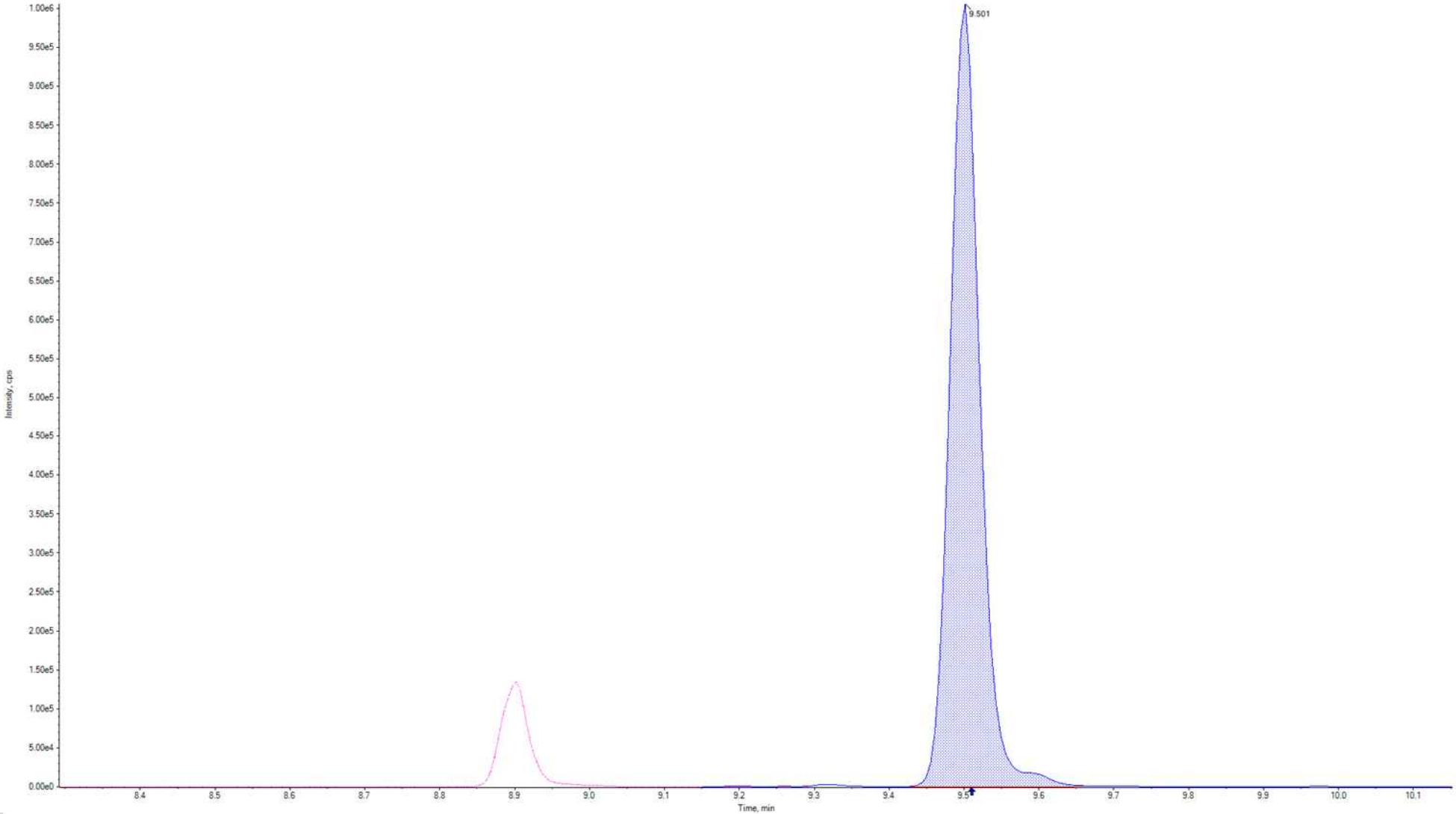
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTrDA
Sample: IA1633STD-62.5 S/N:5536.6 Points Across peak:43



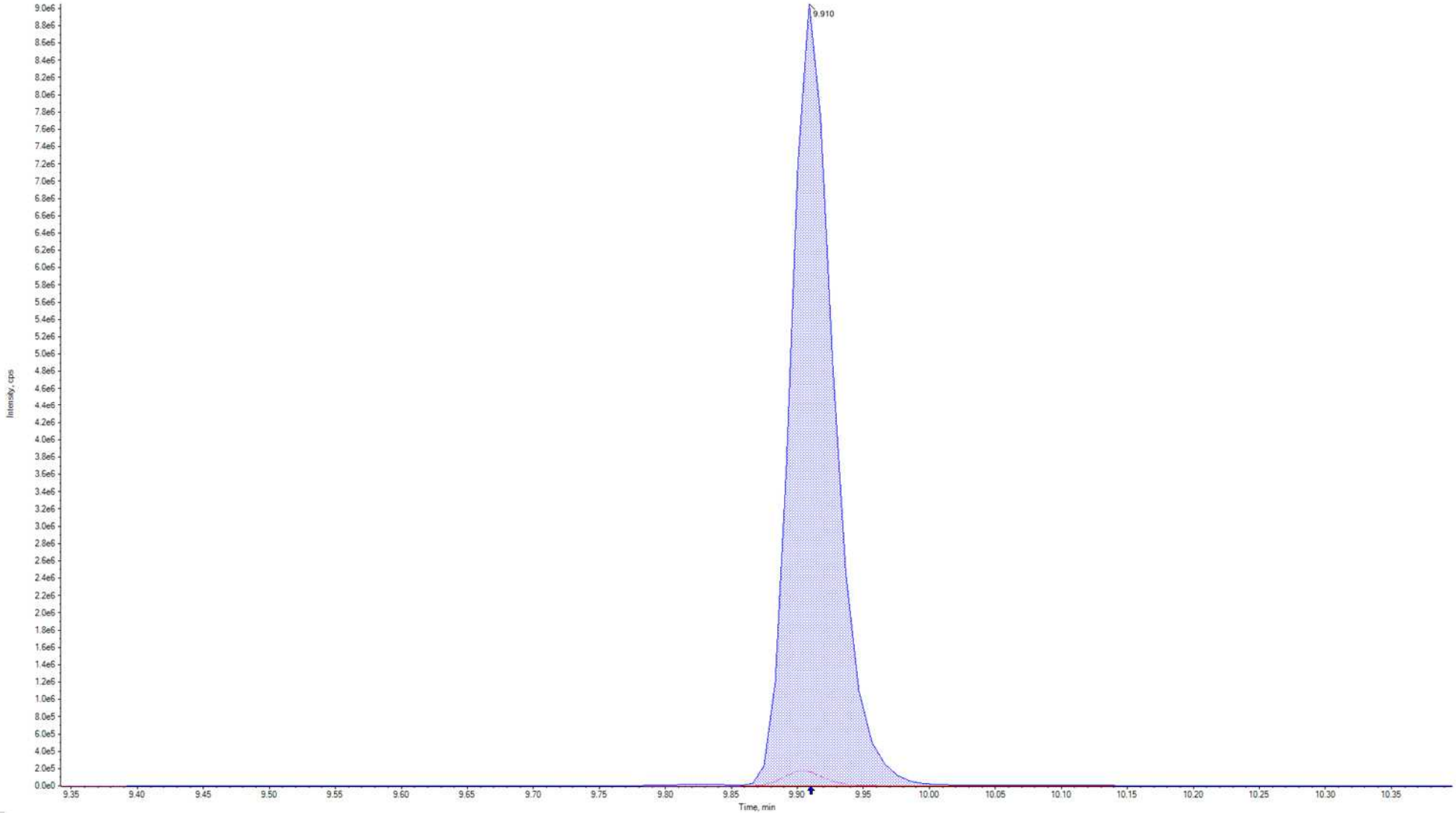
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTrDA_2
Sample: IA1633STD-62.5 S/N:10474.9 Points Across peak:47



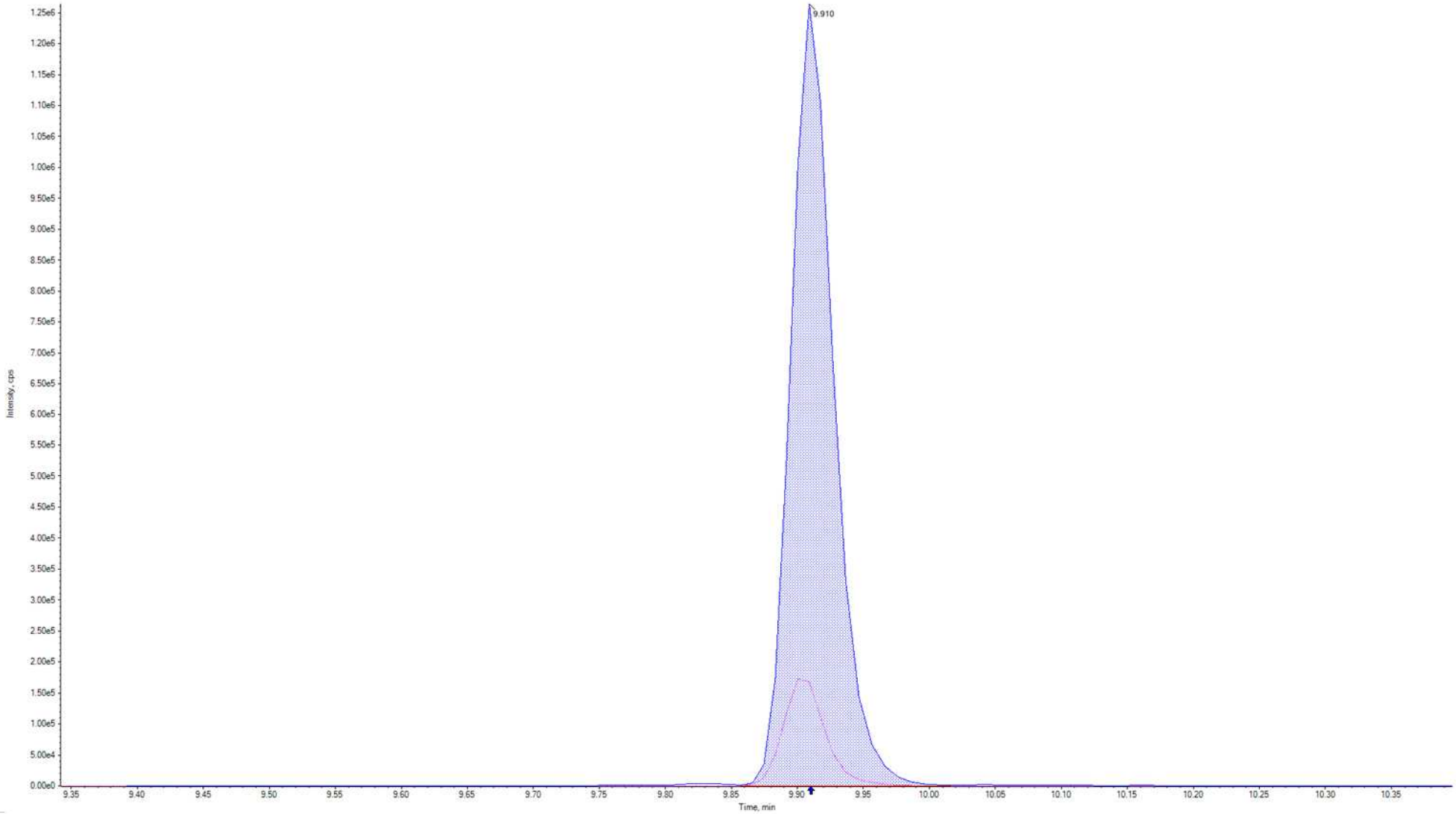
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTeDA
Sample: IA1633STD-62.5 S/N:6738.0 Points Across peak:33



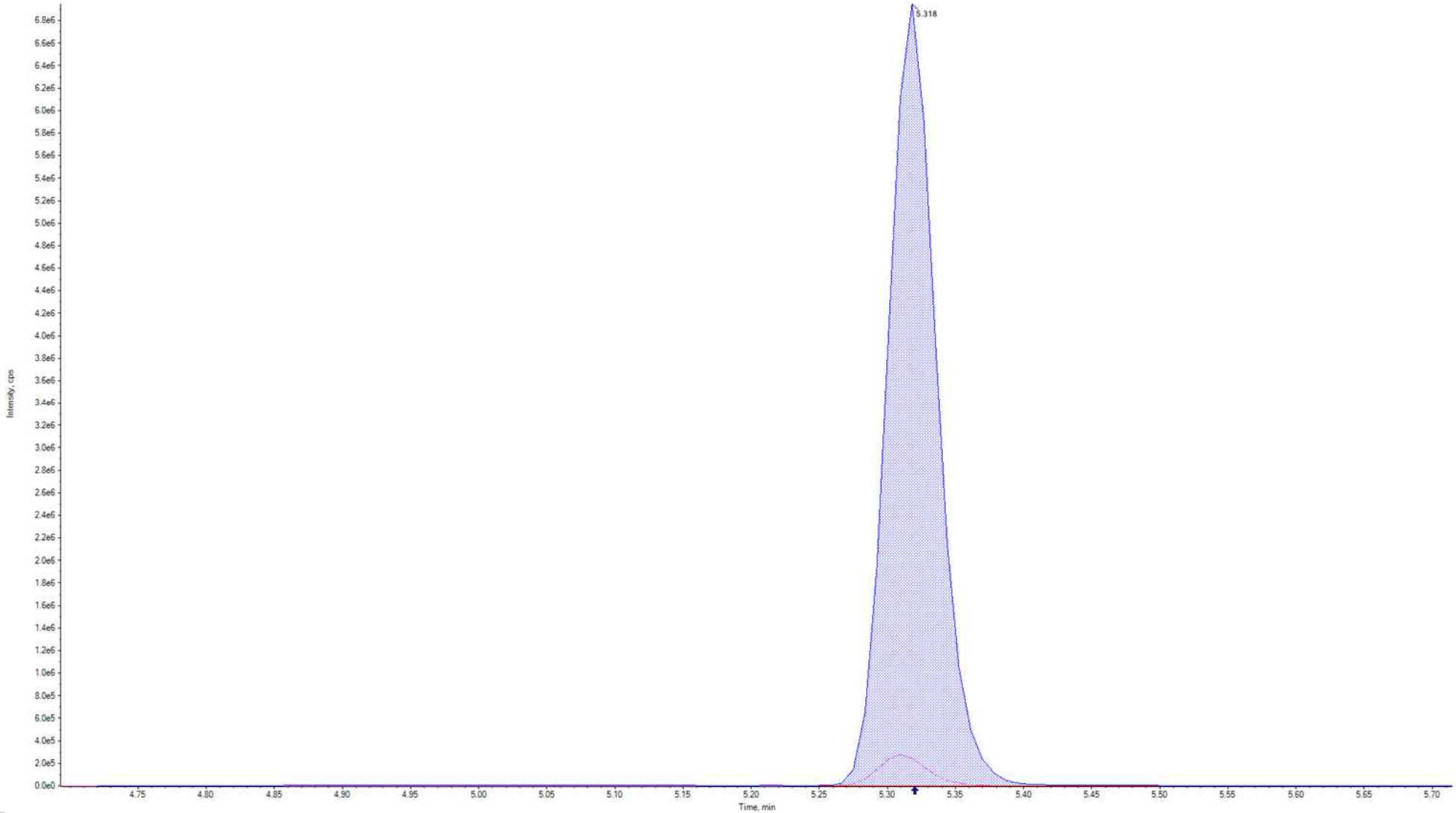
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFTeDA_2
Sample: IA1633STD-62.5 S/N:78834.9 Points Across peak:18



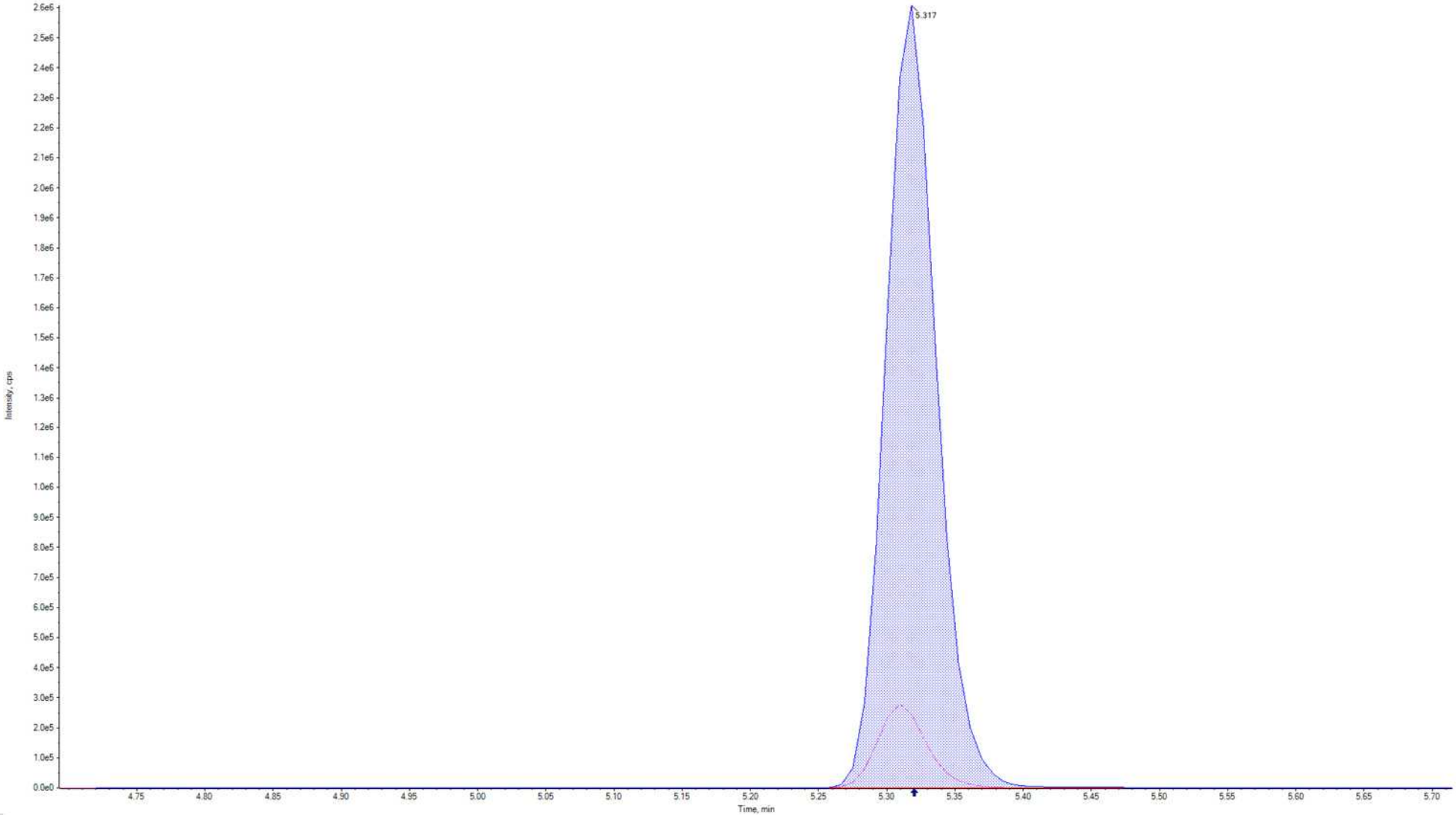
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFBS
Sample: IA1633STD-62.5 S/N:61.0 Points Across peak:40



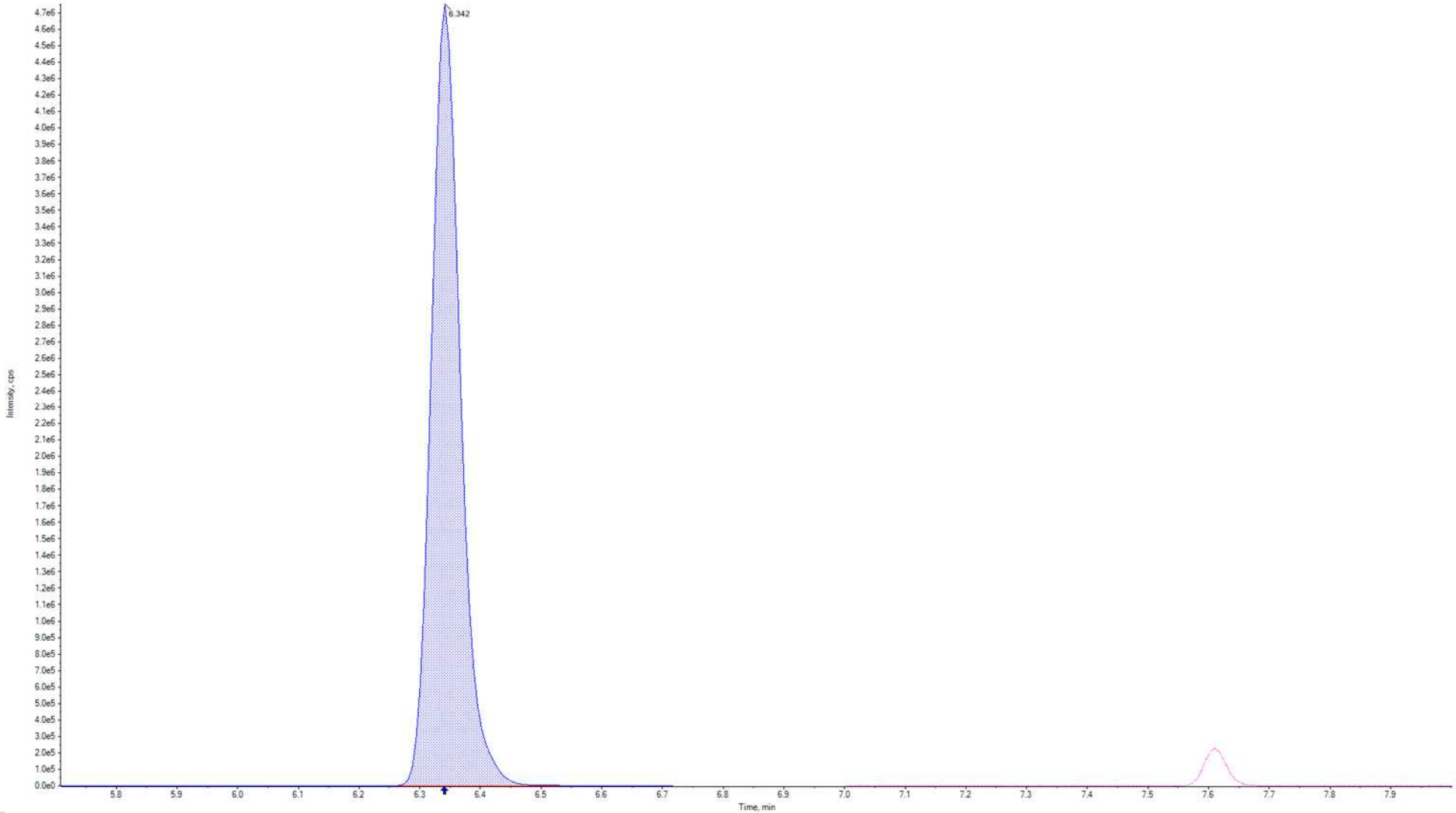
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFBS_2
Sample: IA1633STD-62.5 S/N:5852.8 Points Across peak:38



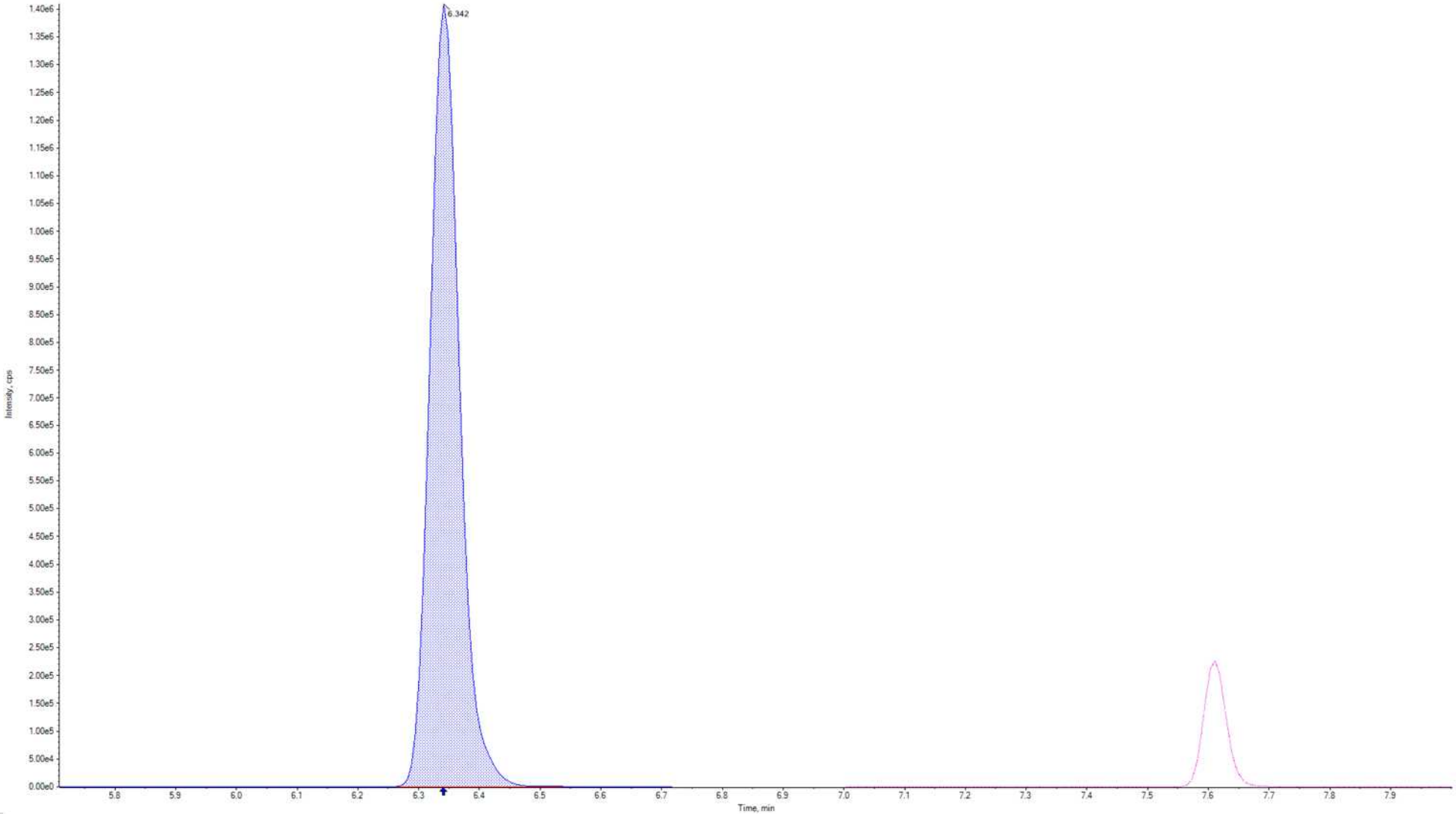
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS
Sample: IA1633STD-62.5 S/N:27047.3 Points Across peak:54



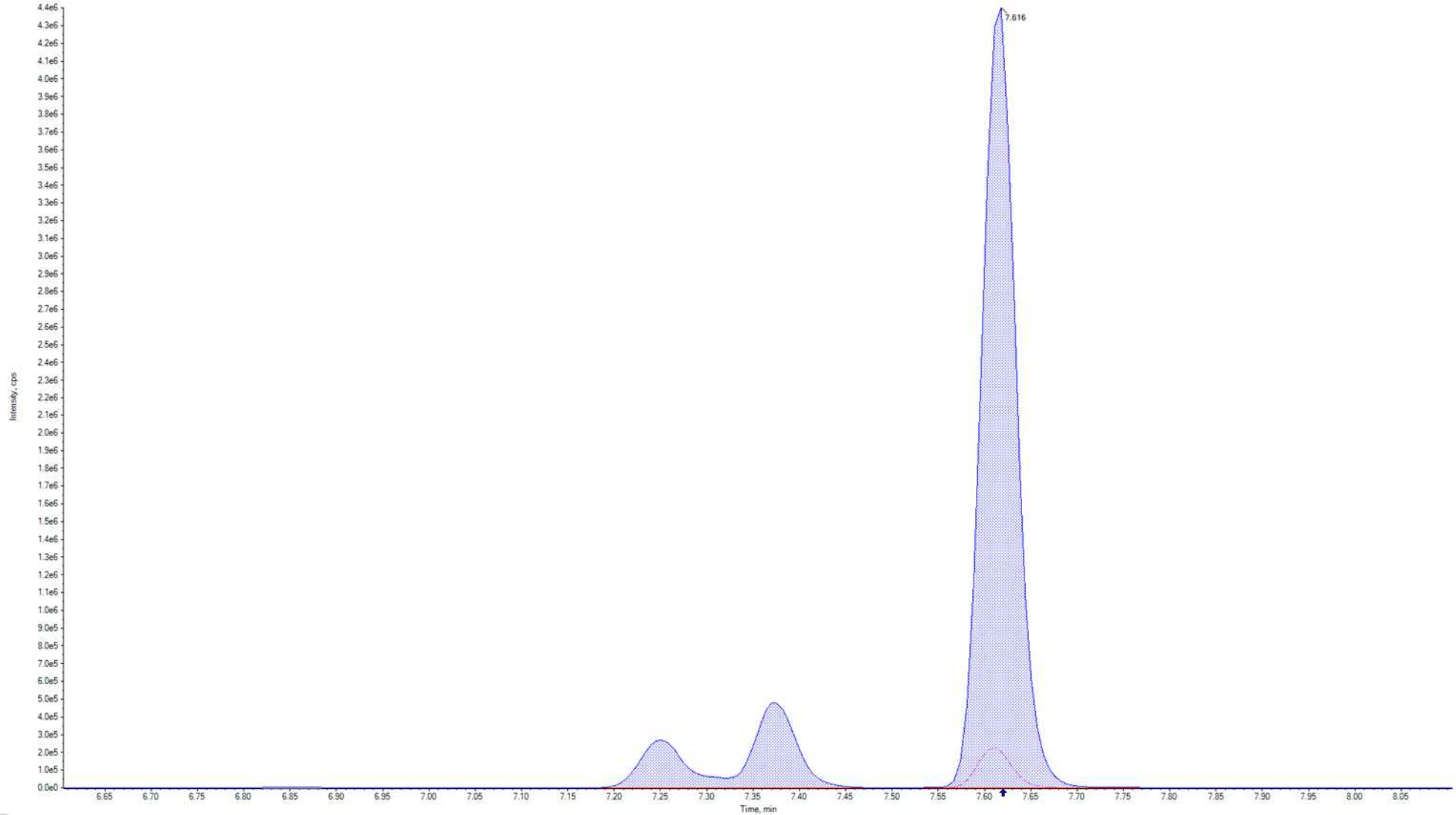
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFPeS_2
Sample: IA1633STD-62.5 S/N:24190.2 Points Across peak:50



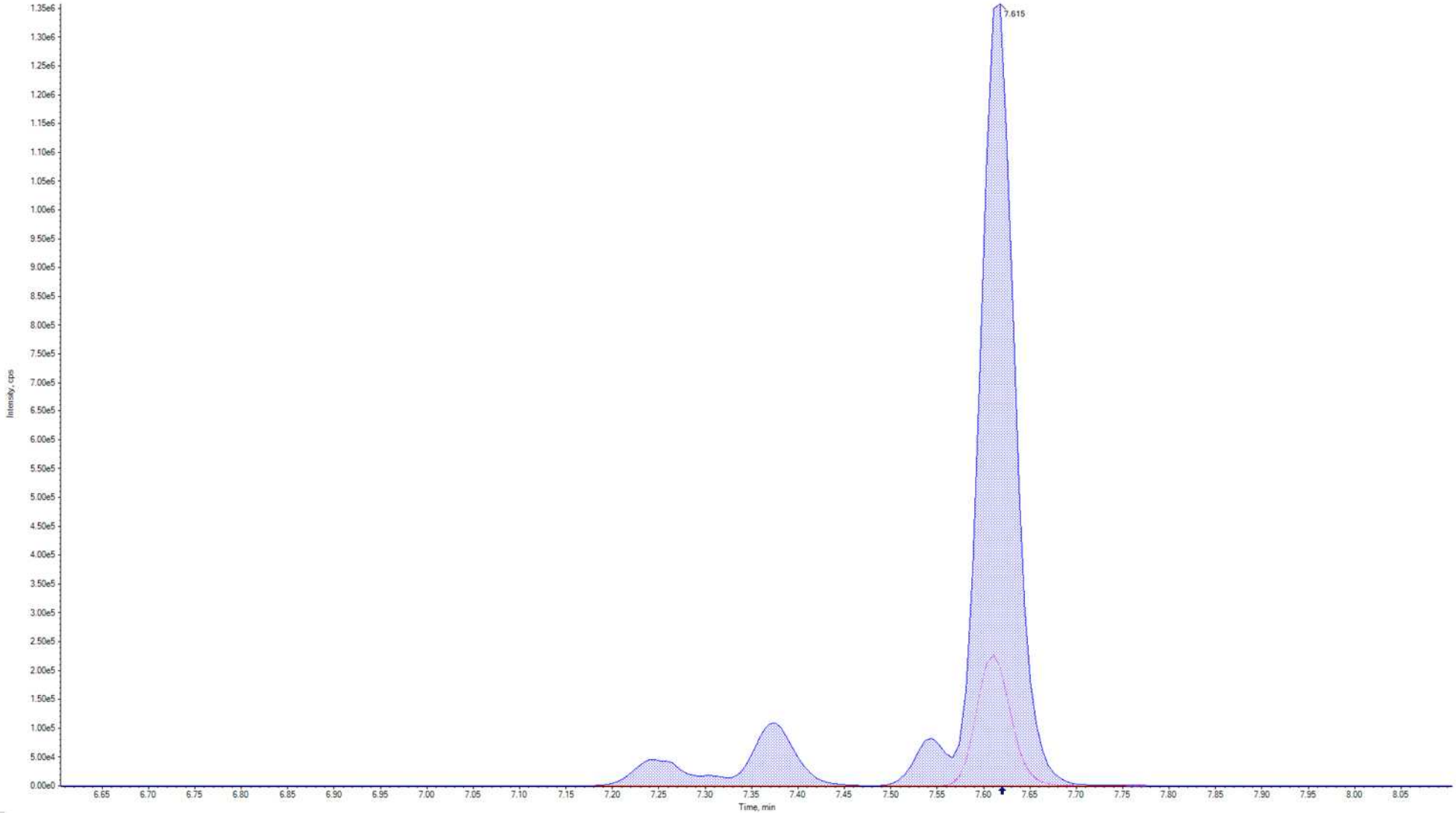
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS
Sample: IA1633STD-62.5 S/N:848847.6 Points Across peak:98



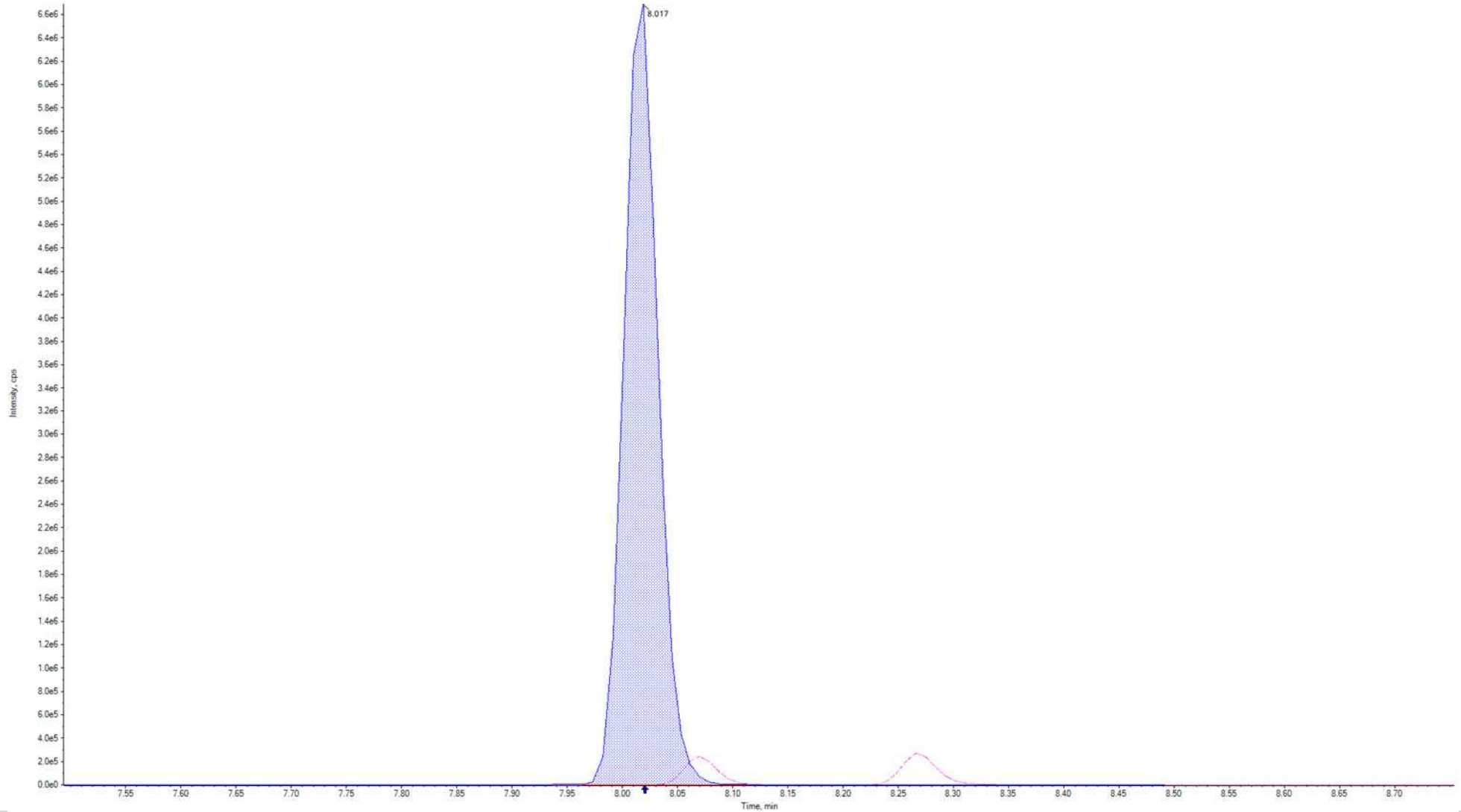
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHxS_2
Sample: IA1633STD-62.5 S/N:466156.3 Points Across peak:96



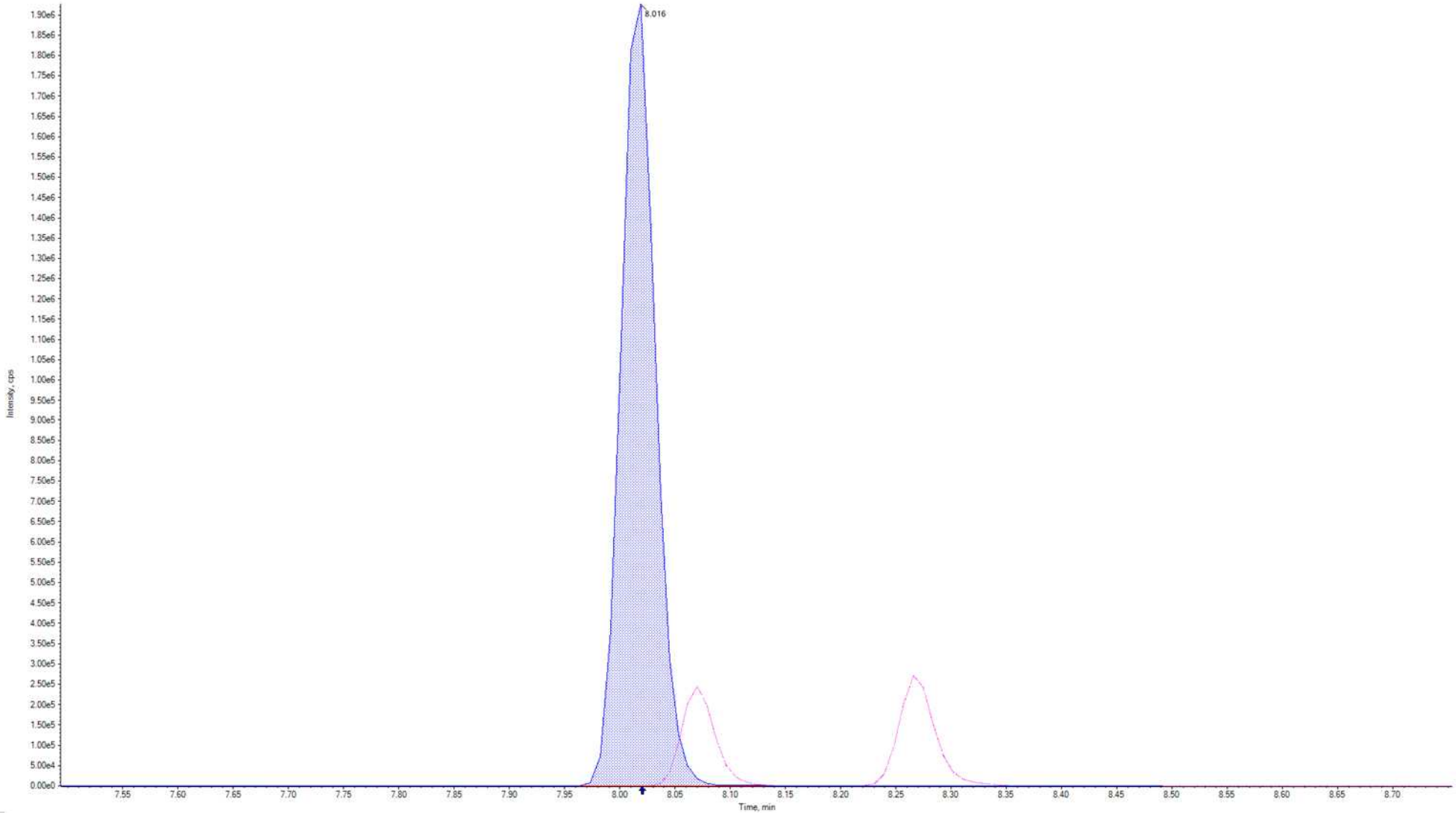
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS
Sample: IA1633STD-62.5 S/N:113644651.8 Points Across peak:26



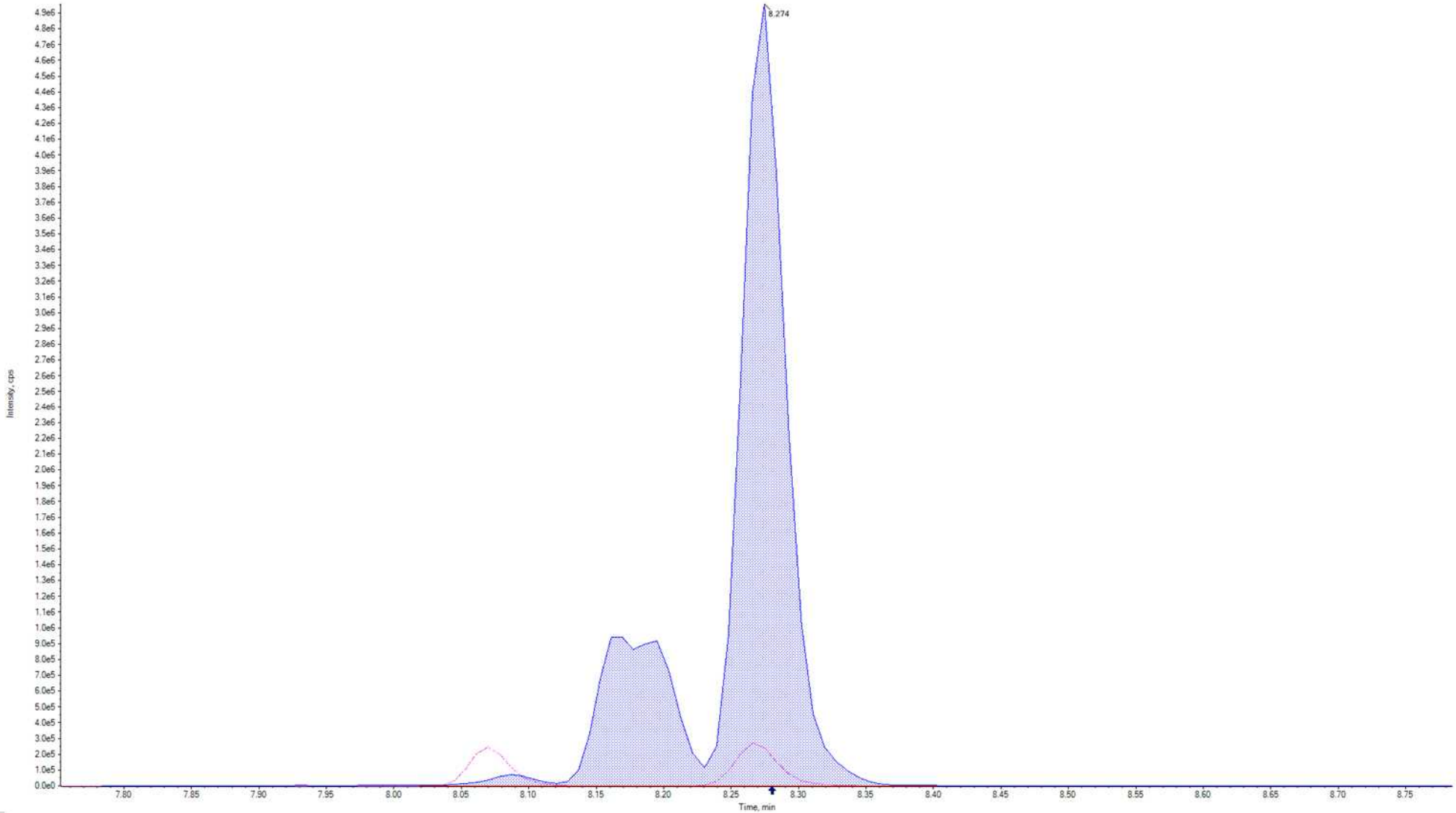
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFHpS_2
Sample: IA1633STD-62.5 S/N:6830.6 Points Across peak:38



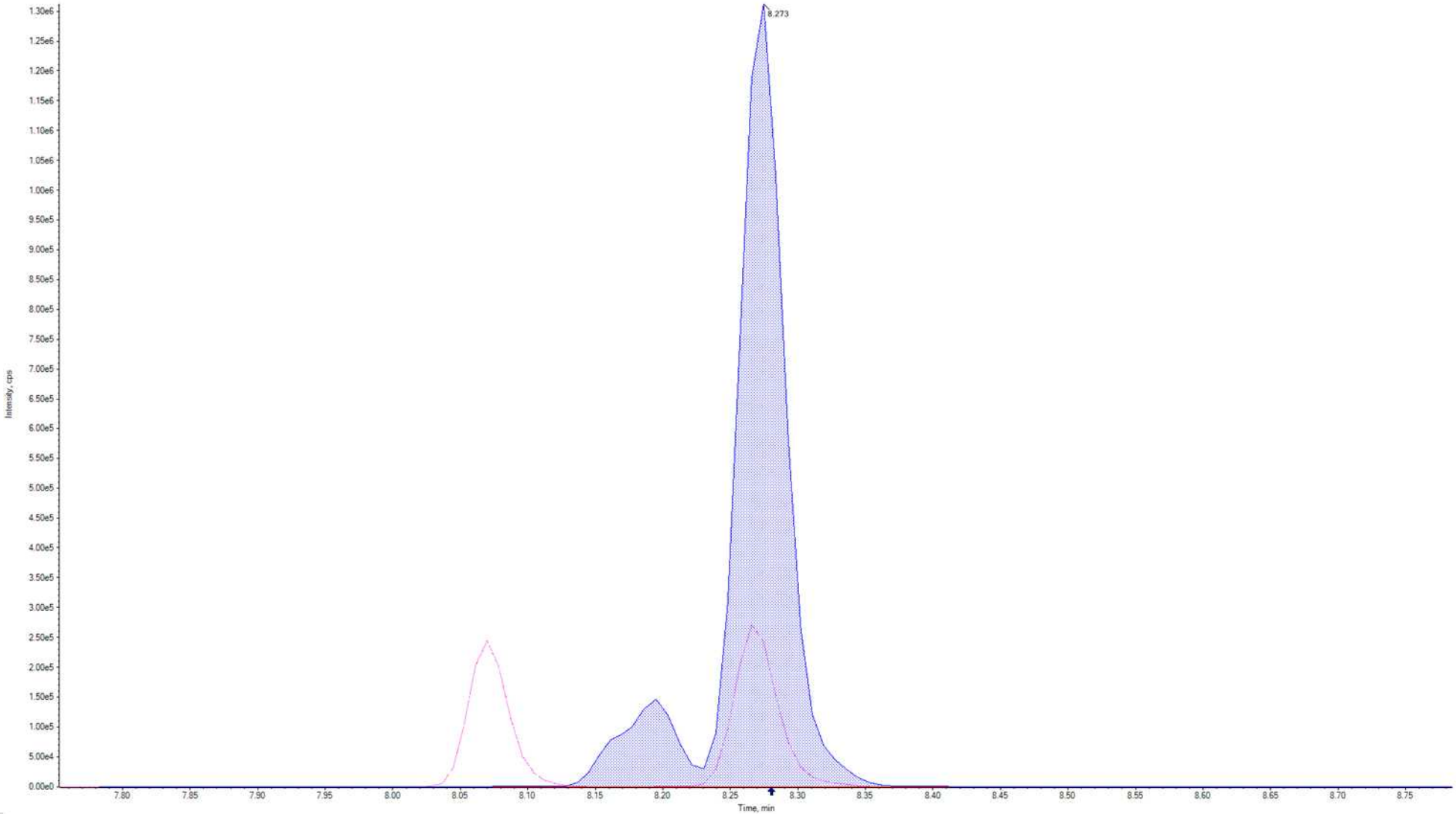
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOS
Sample: IA1633STD-62.5 S/N:4970.6 Points Across peak:48



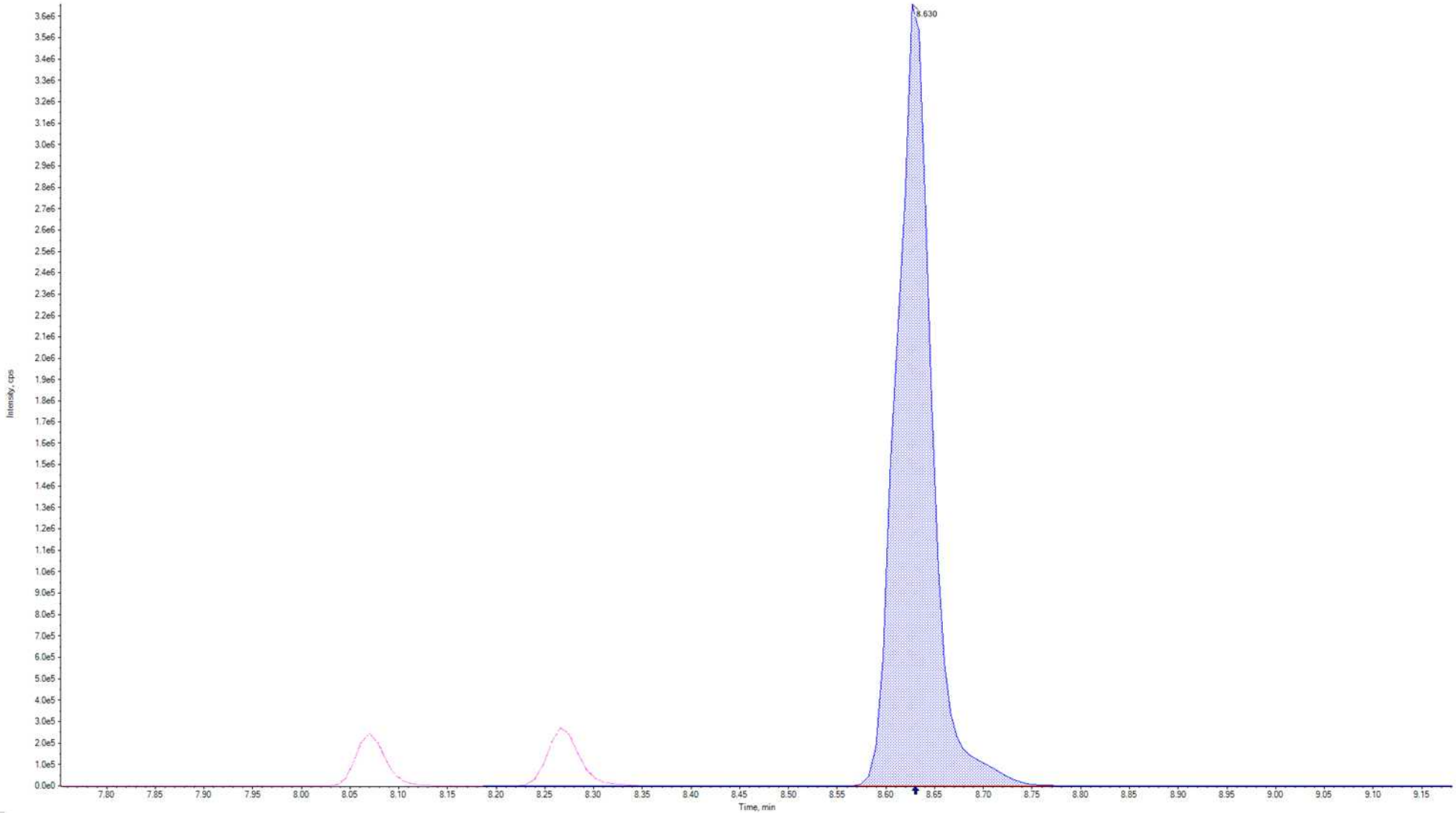
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOS_2
Sample: IA1633STD-62.5 S/N:3301609.0 Points Across peak:53



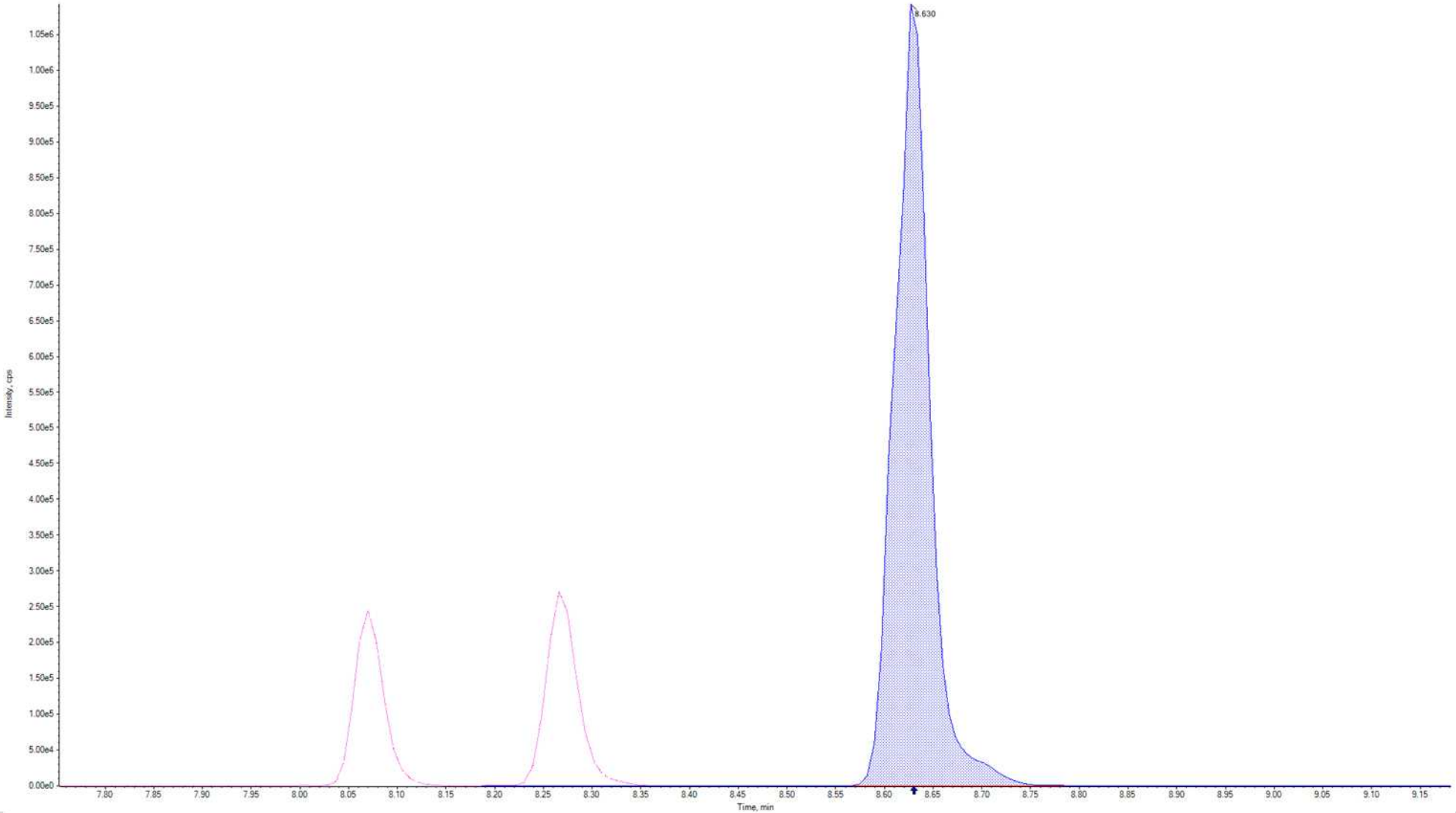
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNS
Sample: IA1633STD-62.5 S/N:16736.5 Points Across peak:43



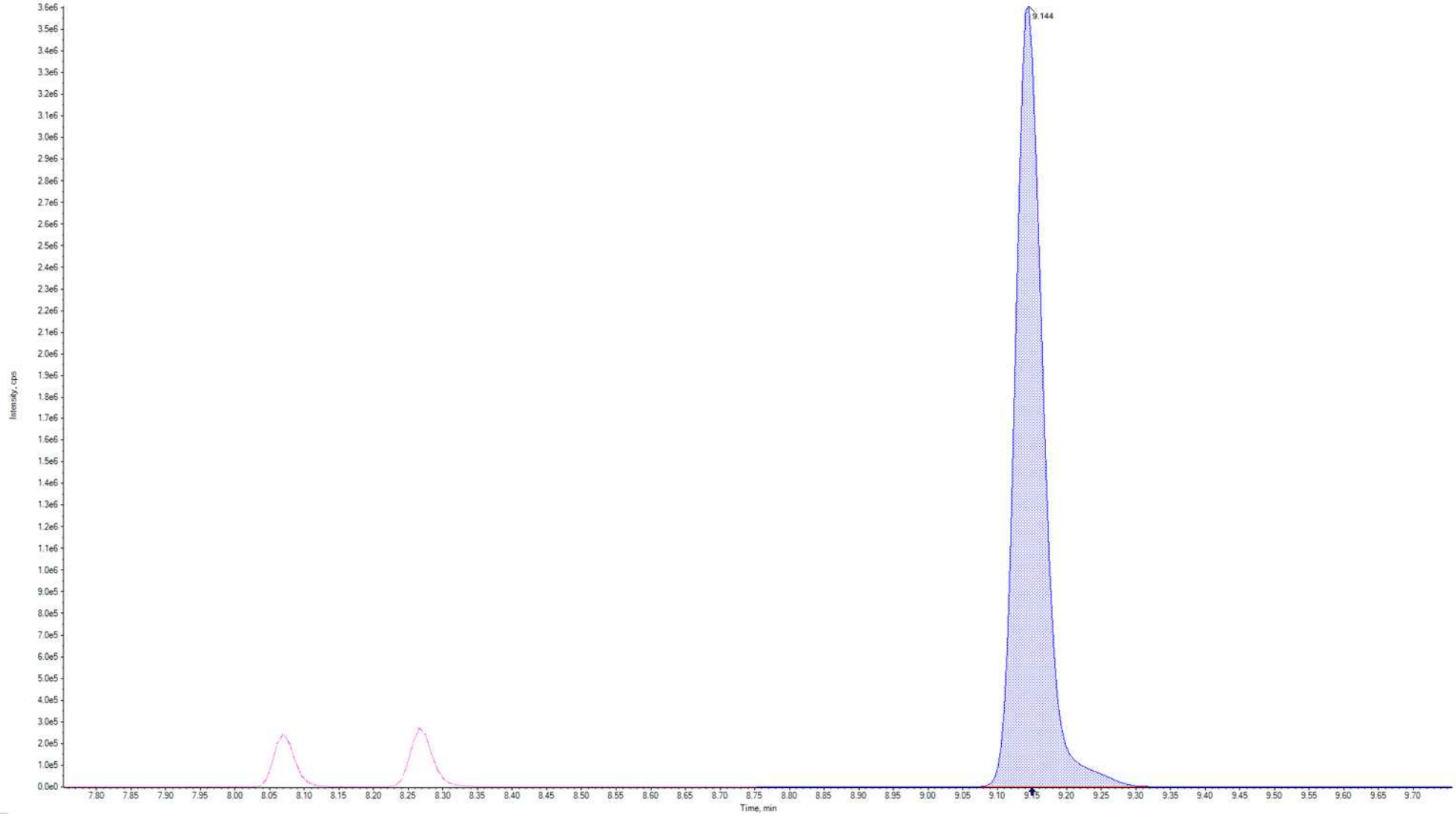
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFNS_2
Sample: IA1633STD-62.5 S/N:4536911.7 Points Across peak:42



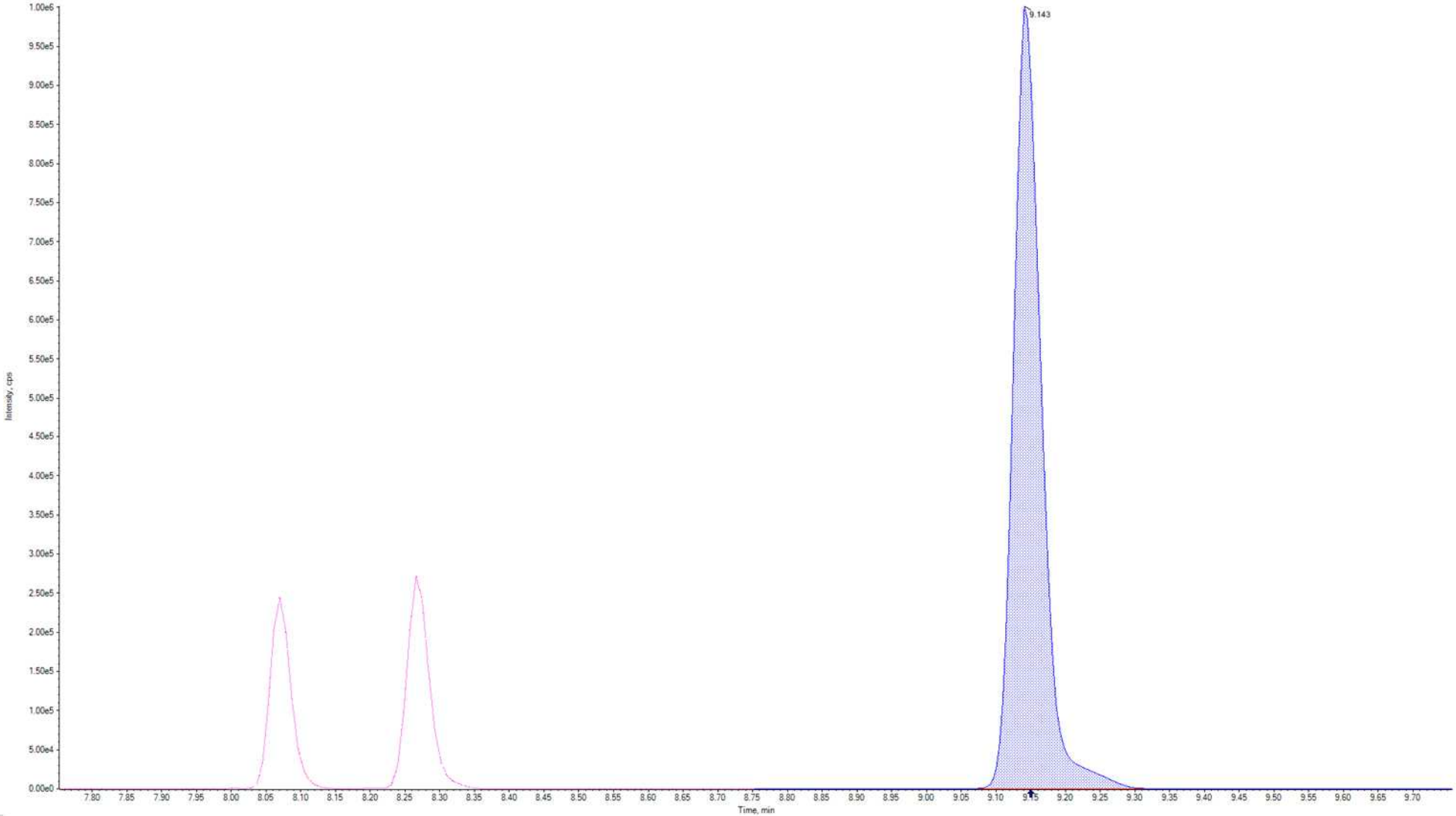
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDS
Sample: IA1633STD-62.5 S/N:29238.4 Points Across peak:67



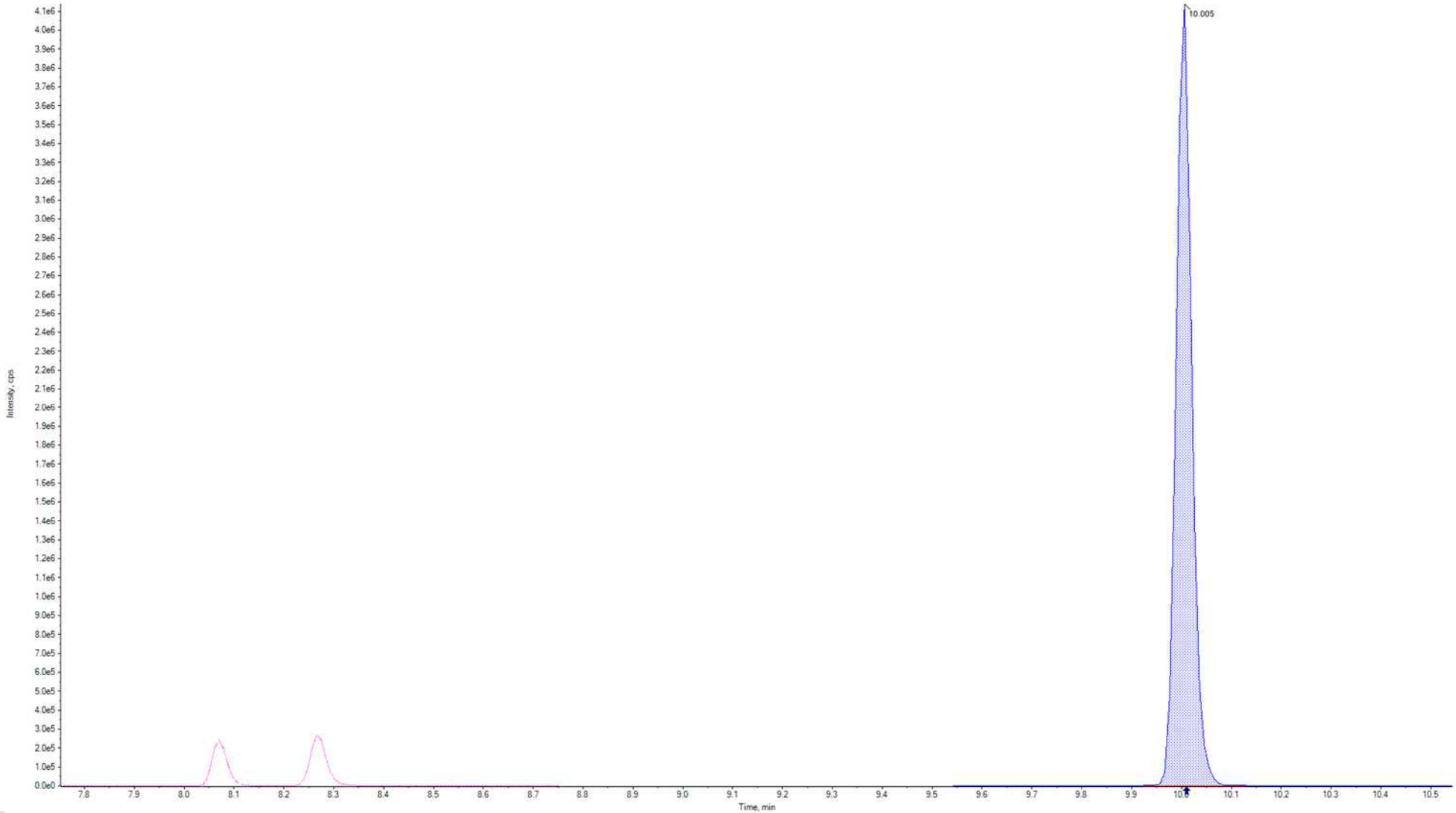
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDS_2
Sample: IA1633STD-62.5 S/N:225096.7 Points Across peak:54



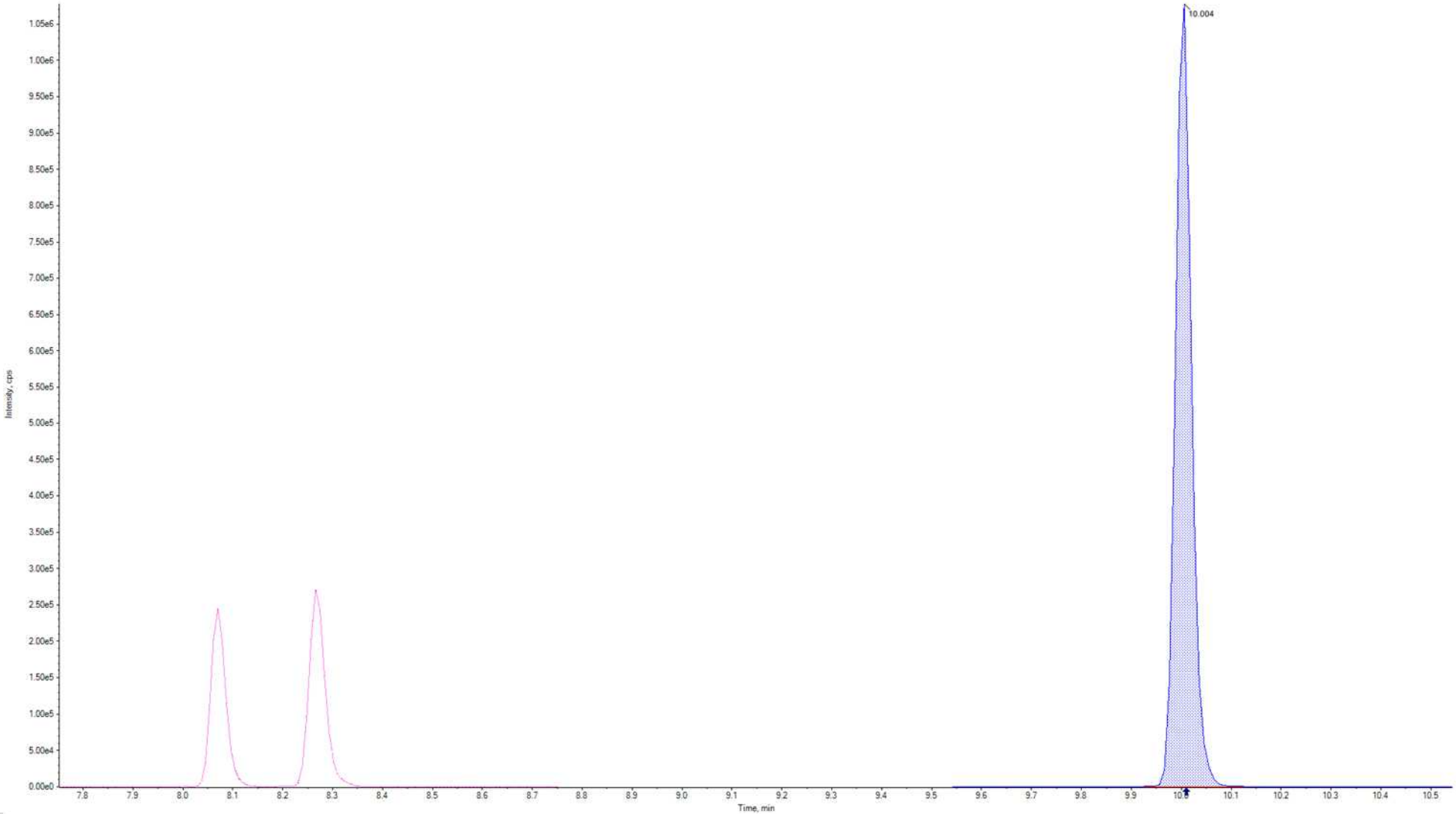
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS
Sample: IA1633STD-62.5 S/N:18400.3 Points Across peak:37



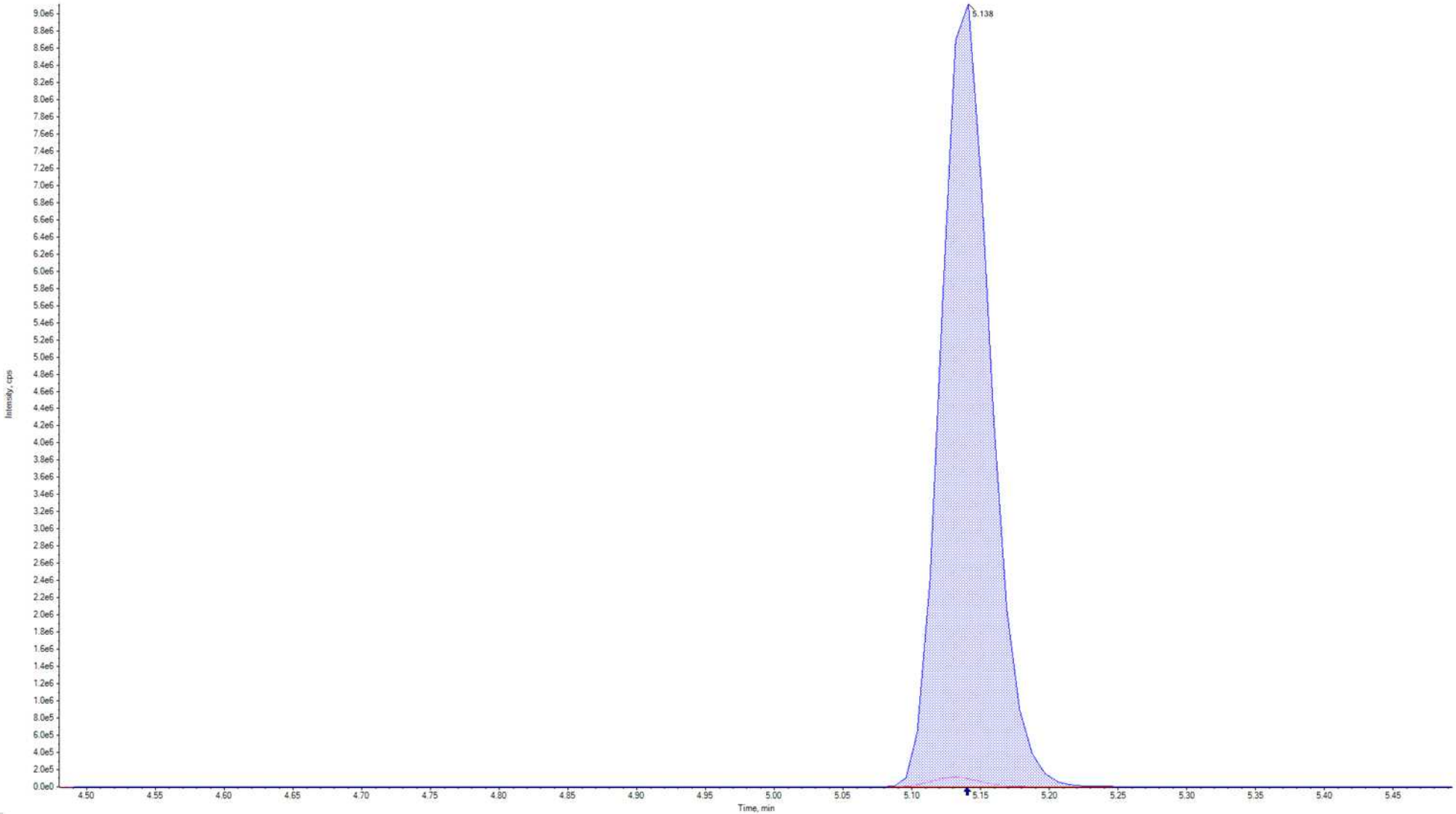
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFDoS_2
Sample: IA1633STD-62.5 S/N:5320.0 Points Across peak:28



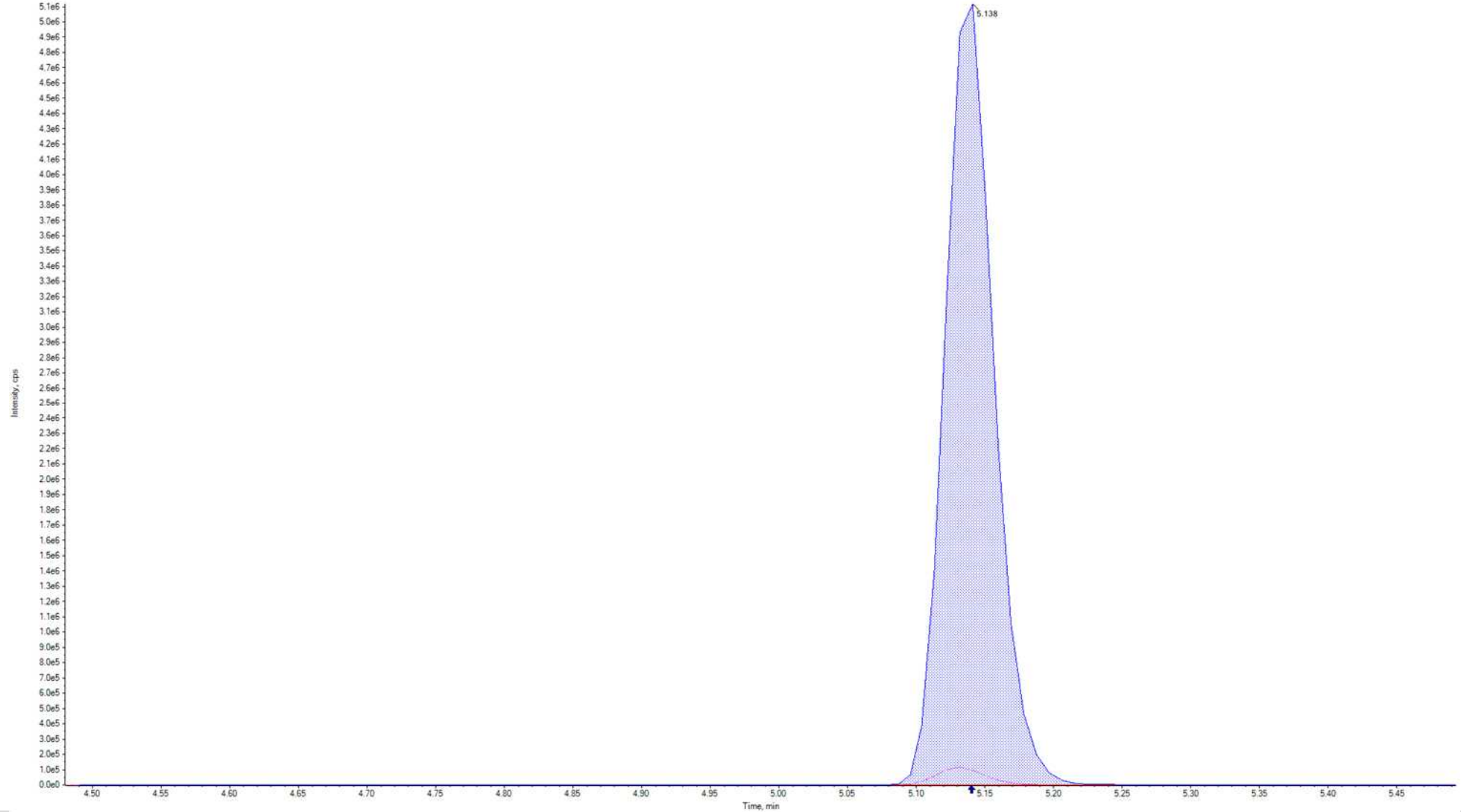
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS
Sample: IA1633STD-62.5 S/N:171109960.8 Points Across peak:31



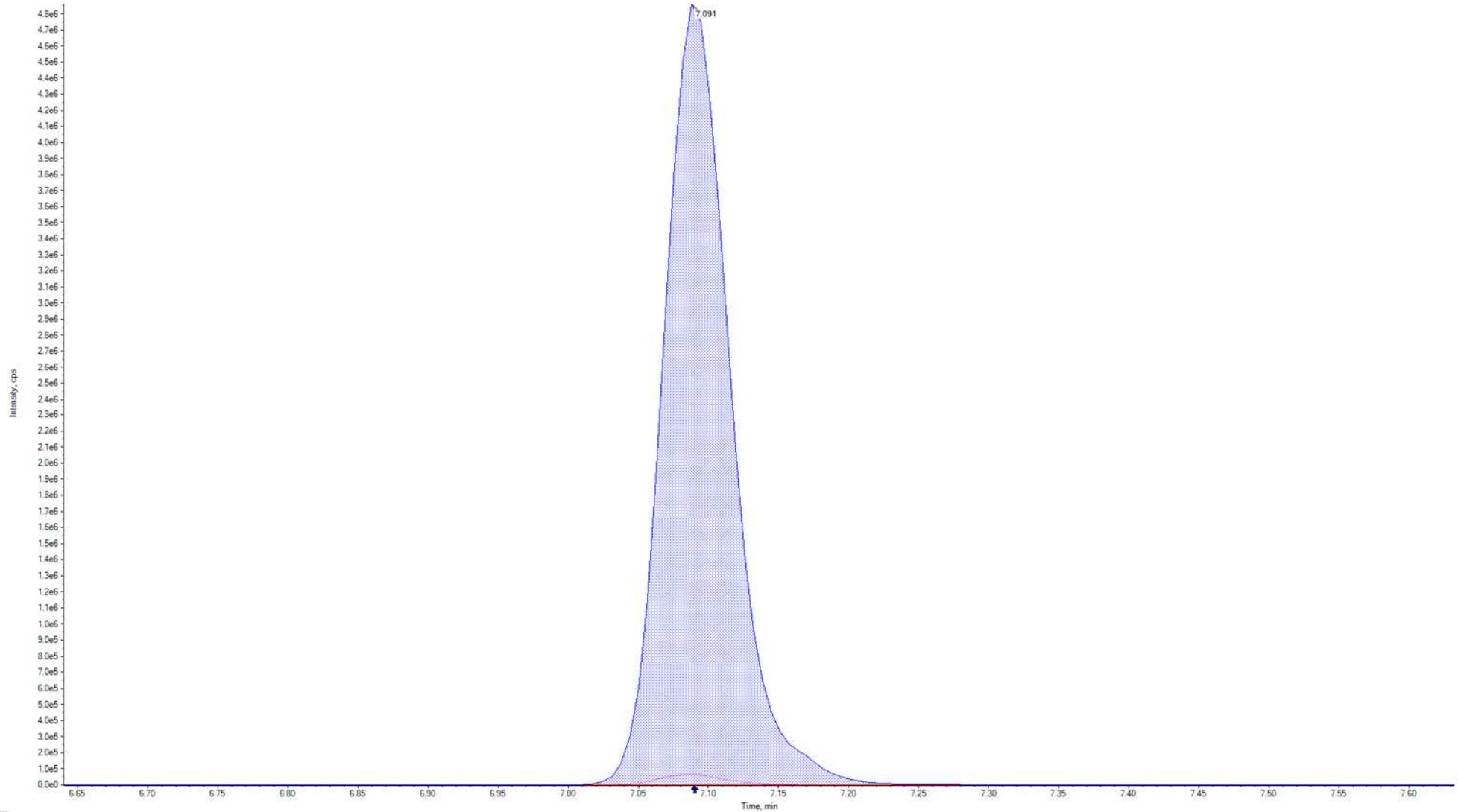
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

4:2FTS_2
Sample: IA1633STD-62.5 S/N:33650.4 Points Across peak:29

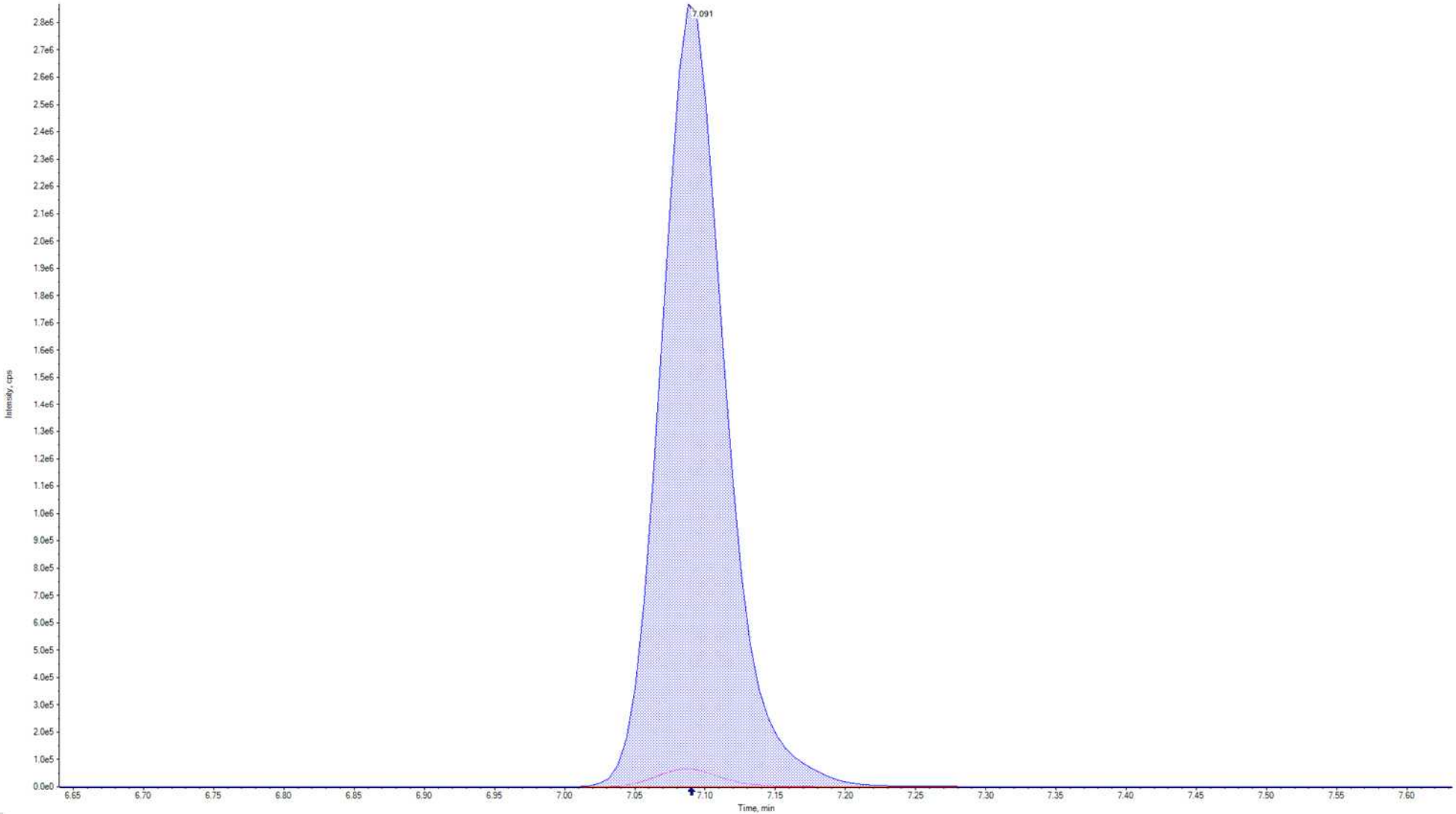


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

6:2FTS
Sample: IA1633STD-62.5 S/N:1168486.8 Points Across peak:71

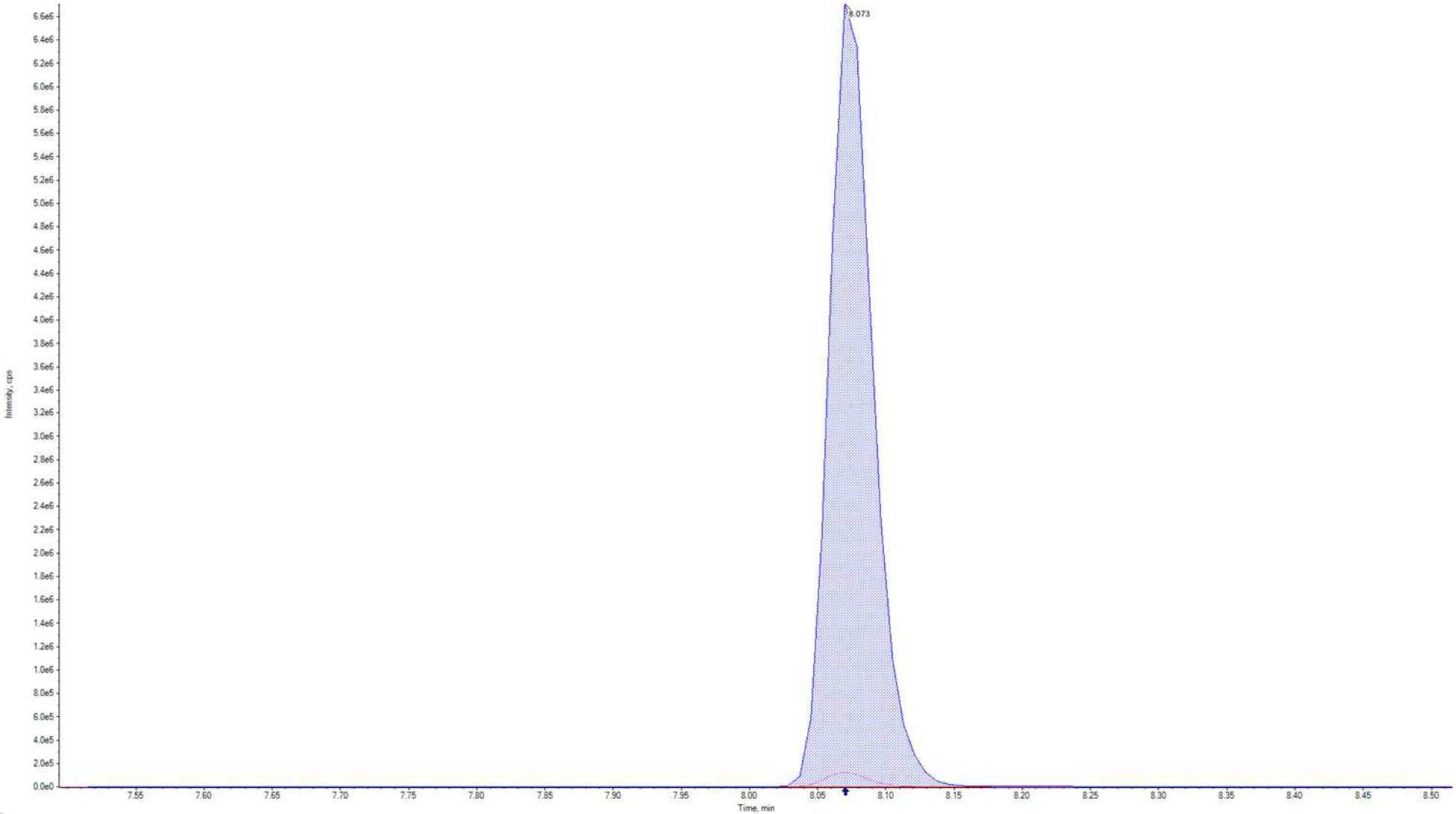


6:2FTS_2
Sample: IA1633STD-62.5 S/N:206571.0 Points Across peak:51



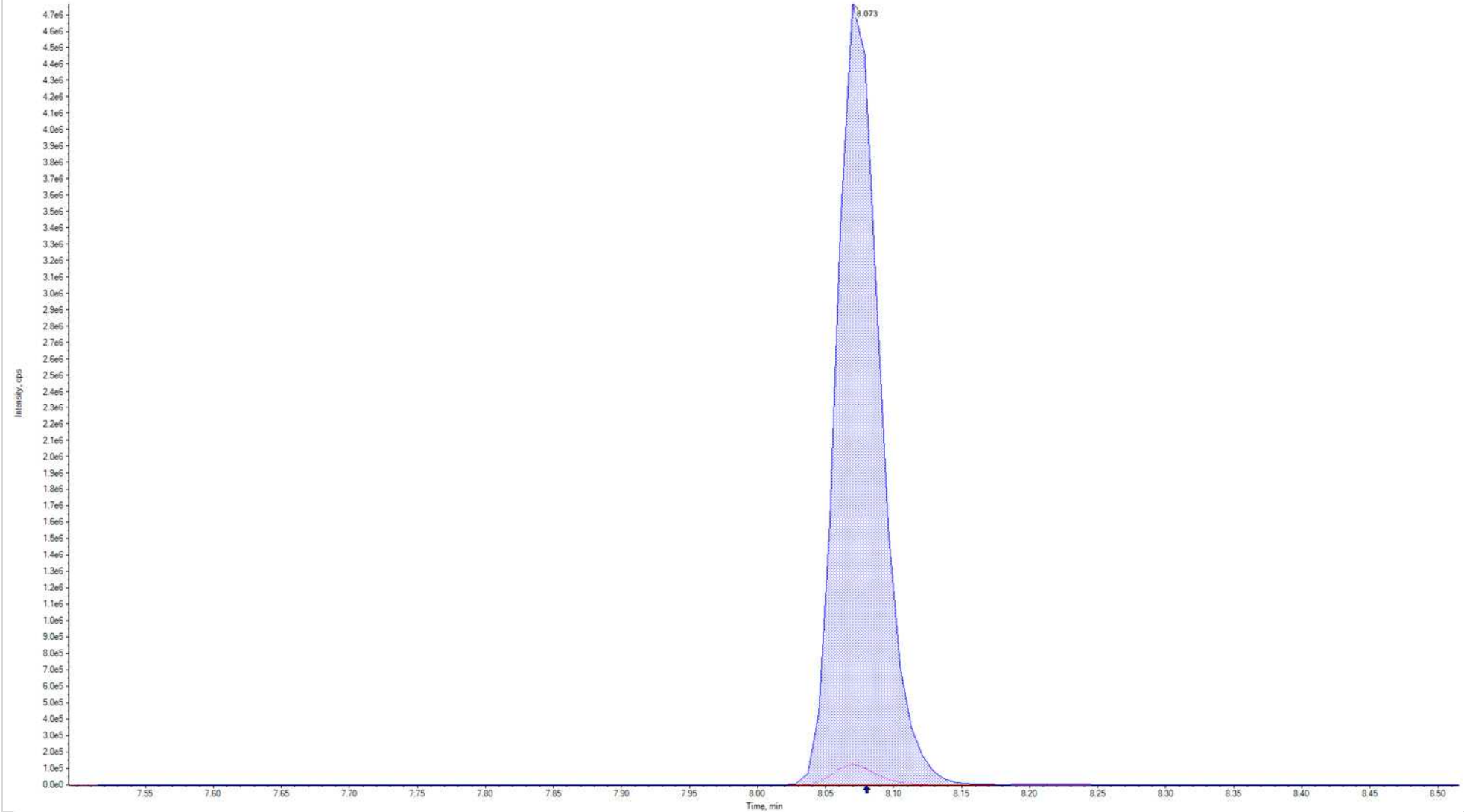
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS
Sample: IA1633STD-62.5 S/N:9395.8 Points Across peak:21



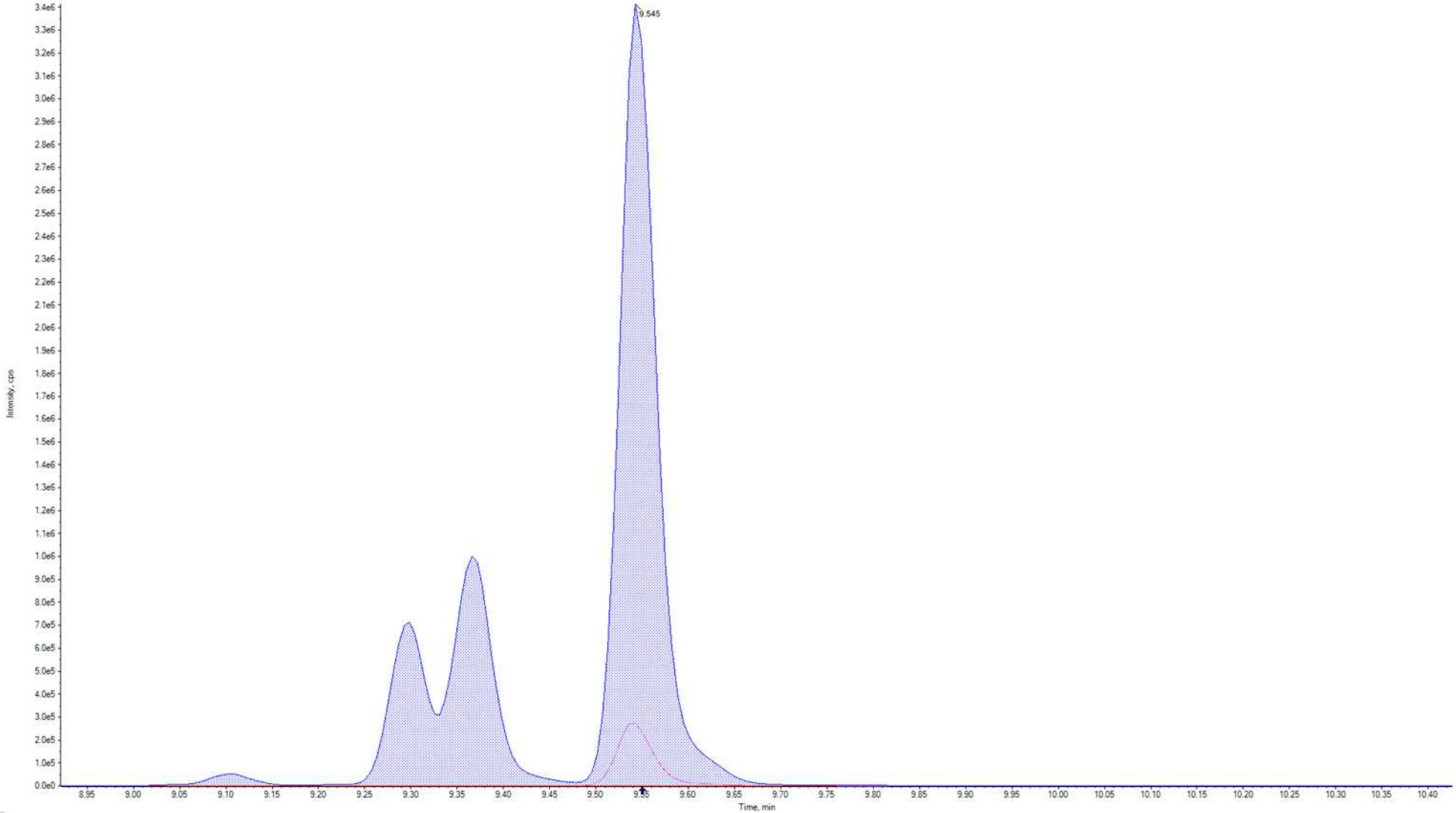
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

8:2FTS_2
Sample: IA1633STD-62.5 S/N:3247175.9 Points Across peak:21



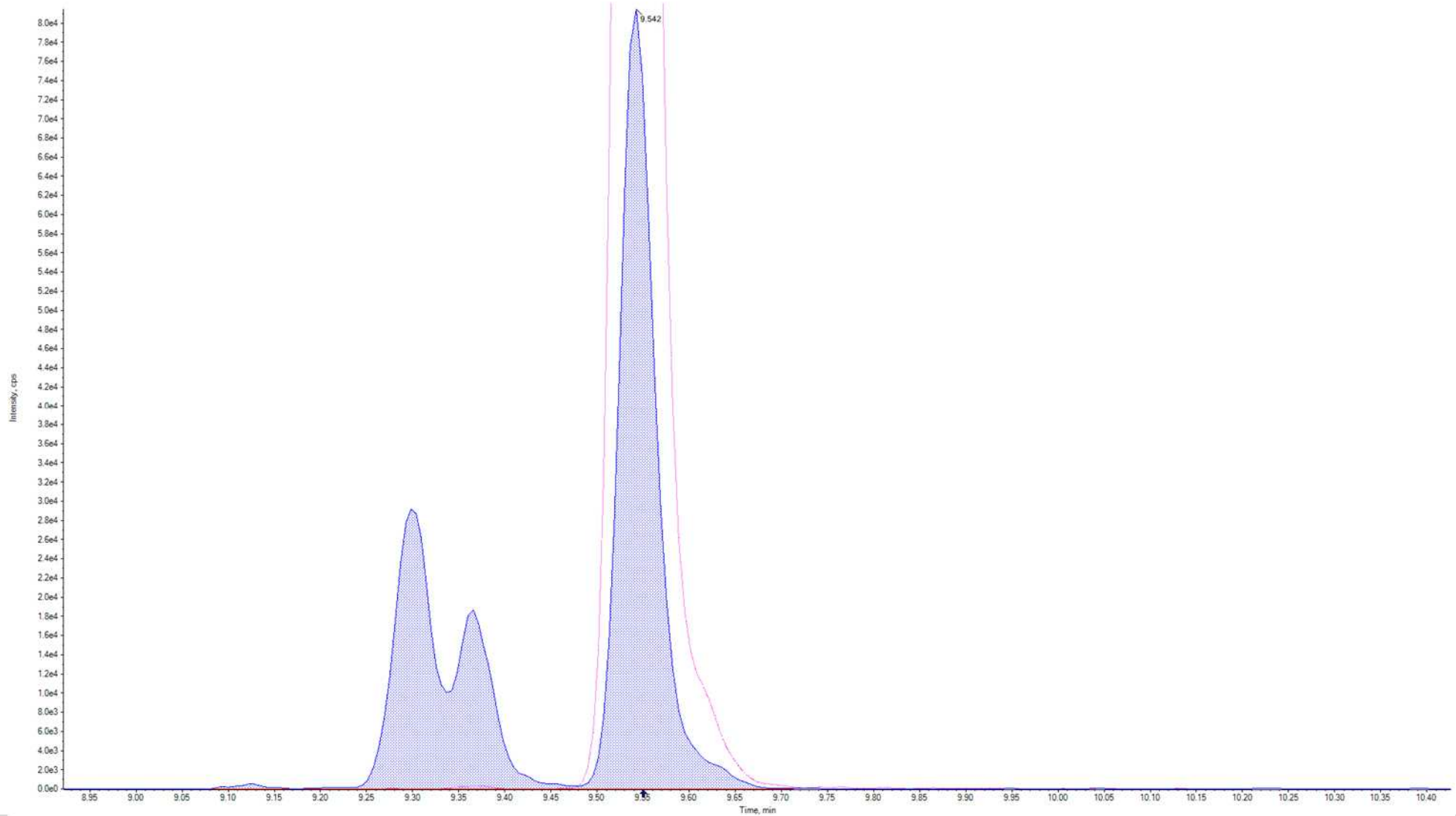
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA
Sample: IA1633STD-62.5 S/N:22190.1 Points Across peak:135



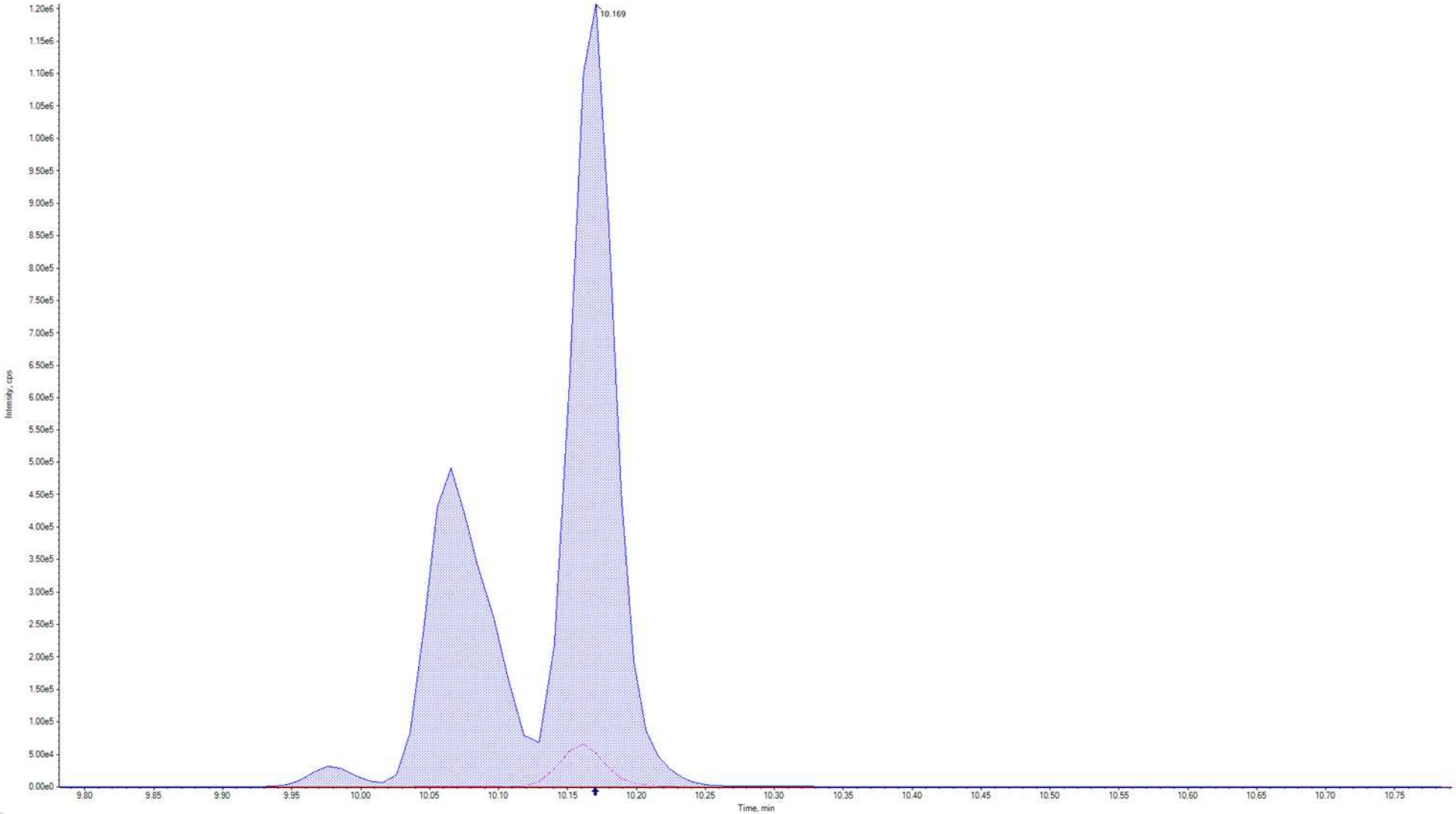
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFOSA_2
Sample: IA1633STD-62.5 S/N:1252.6 Points Across peak:113



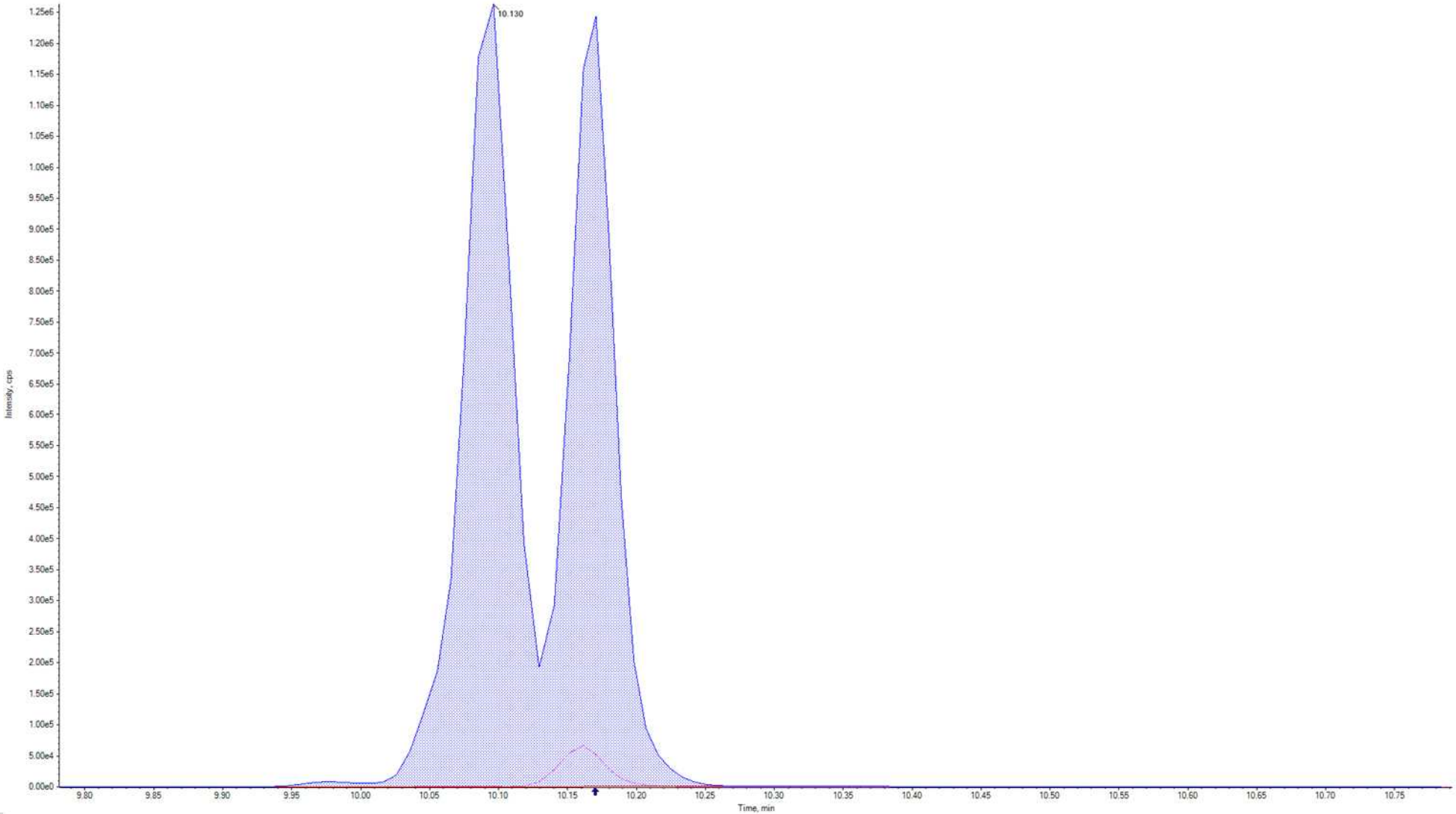
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA
Sample: IA1633STD-62.5 S/N:8488.7 Points Across peak:47



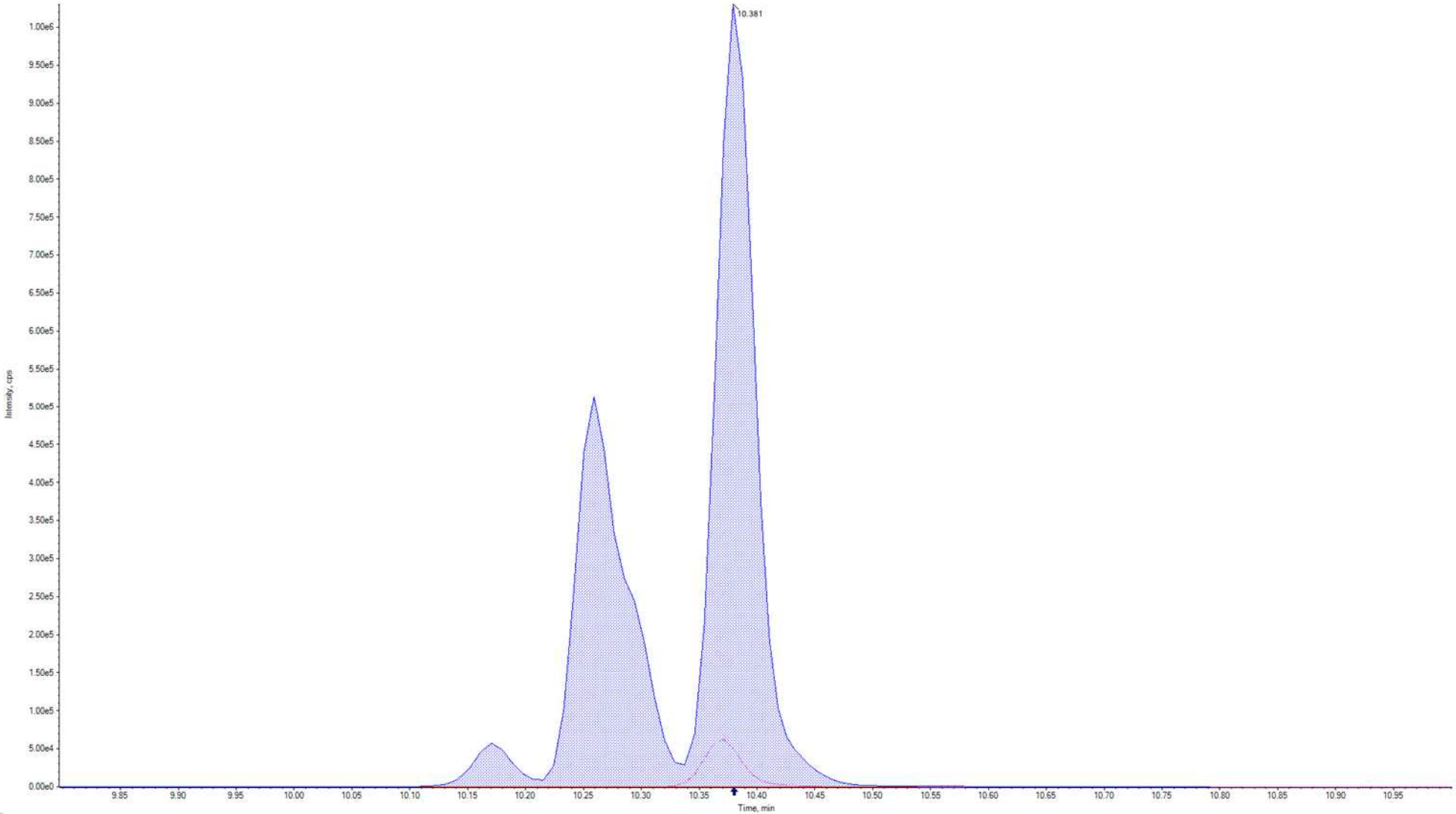
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSA_2
Sample: IA1633STD-62.5 S/N:2667.0 Points Across peak:42



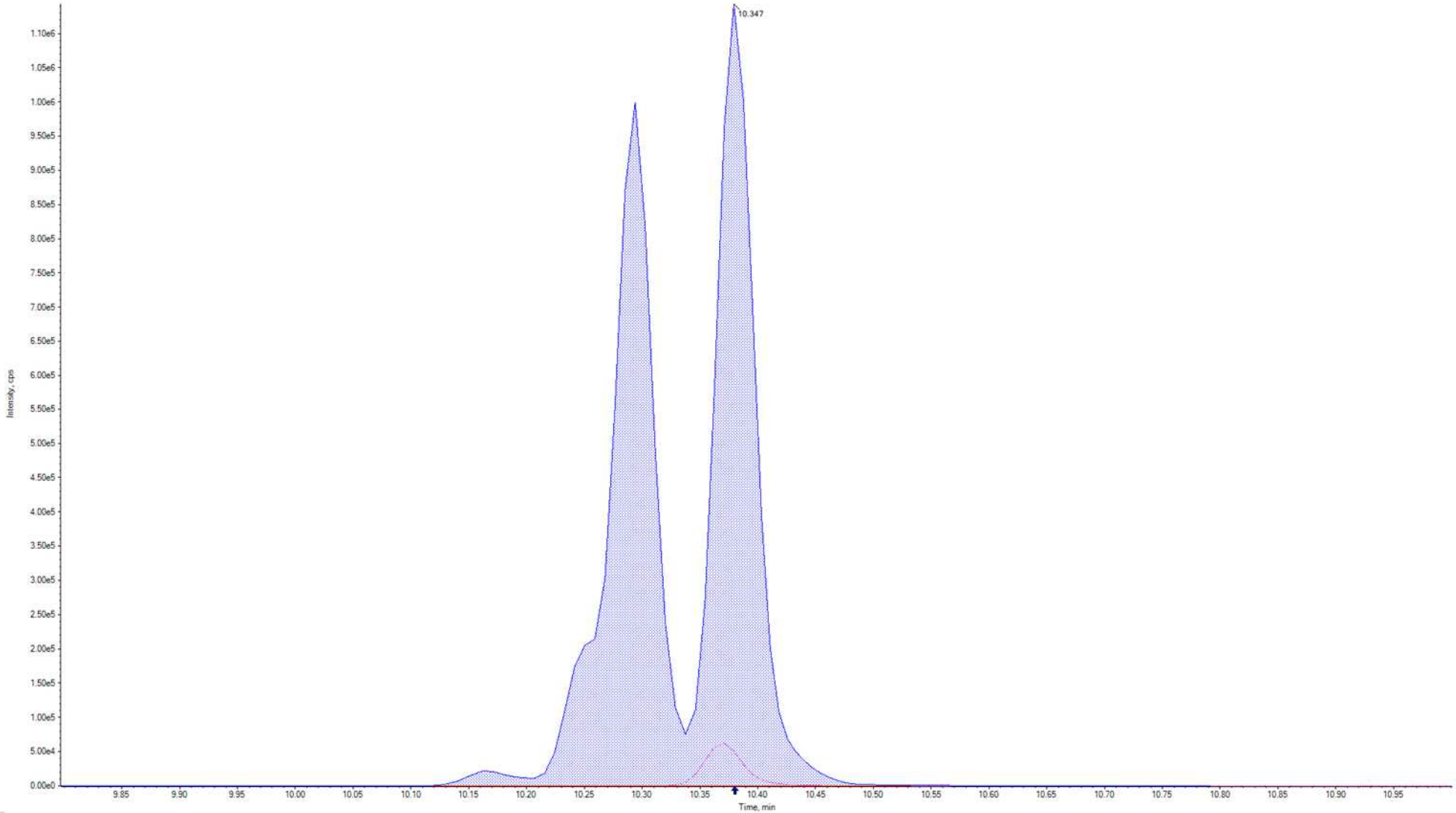
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA
Sample: IA1633STD-62.5 S/N:26257.4 Points Across peak:56



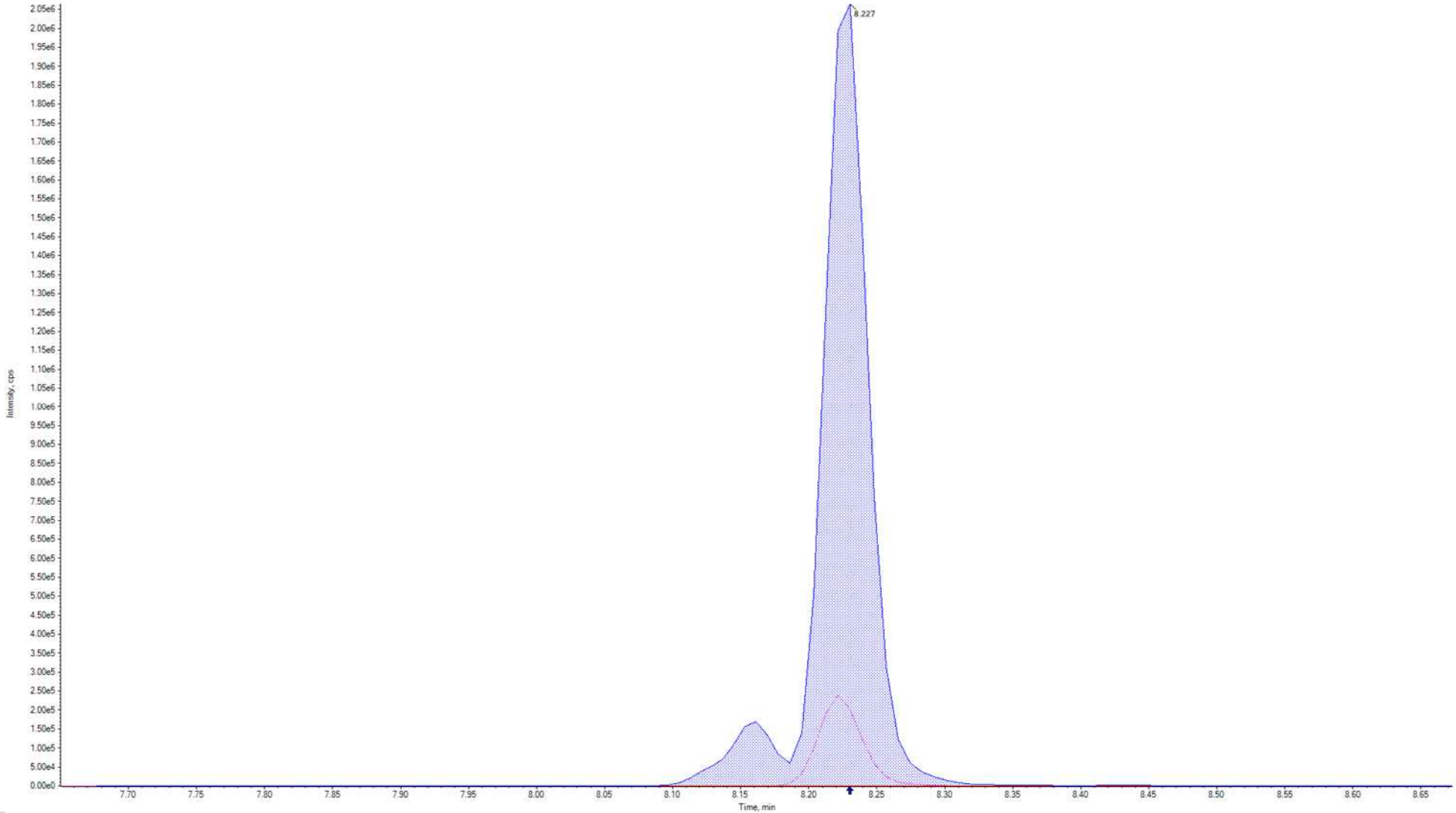
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSA_2
Sample: IA1633STD-62.5 S/N:66857.5 Points Across peak:54



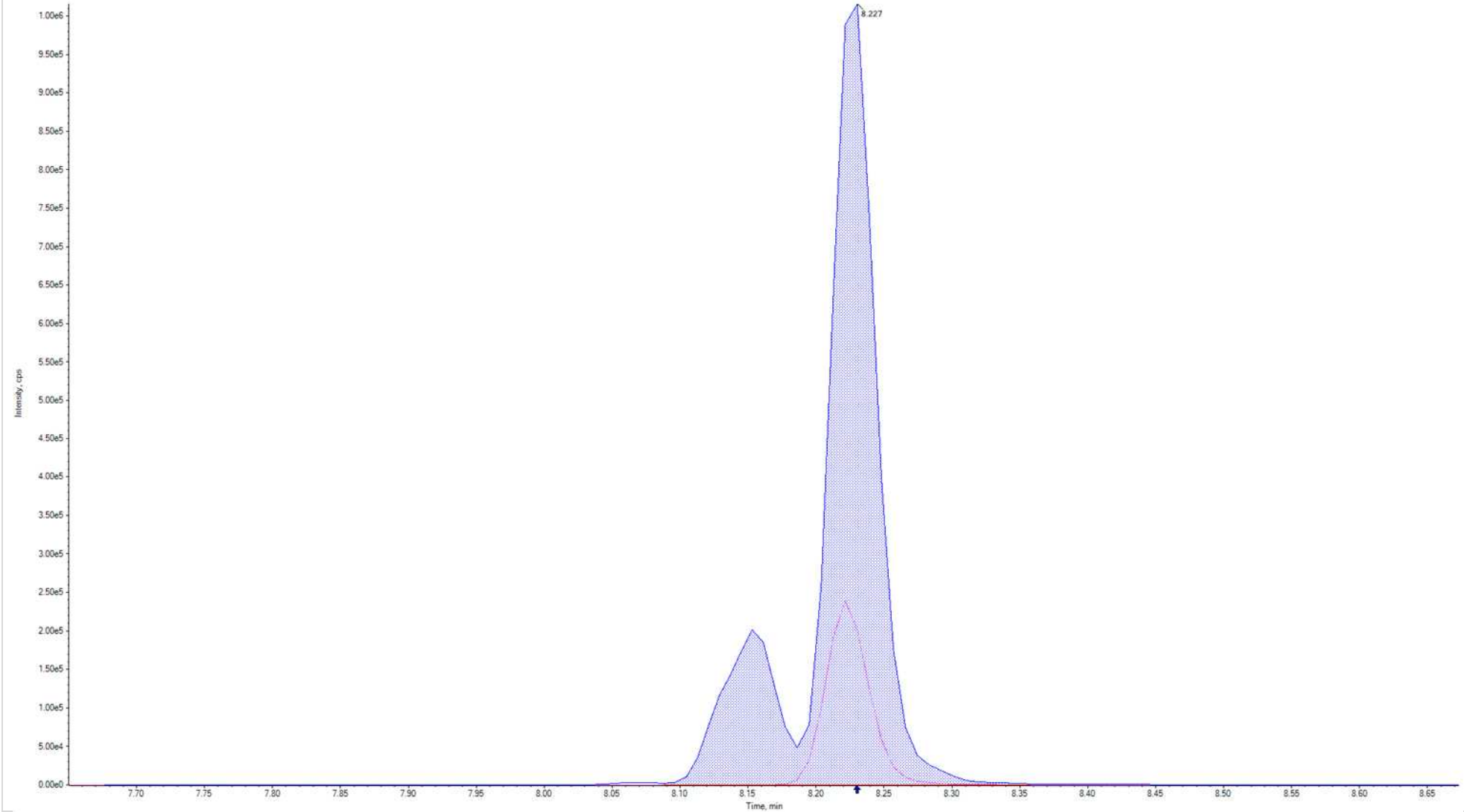
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA
Sample: IA1633STD-62.5 S/N:1401.6 Points Across peak:47



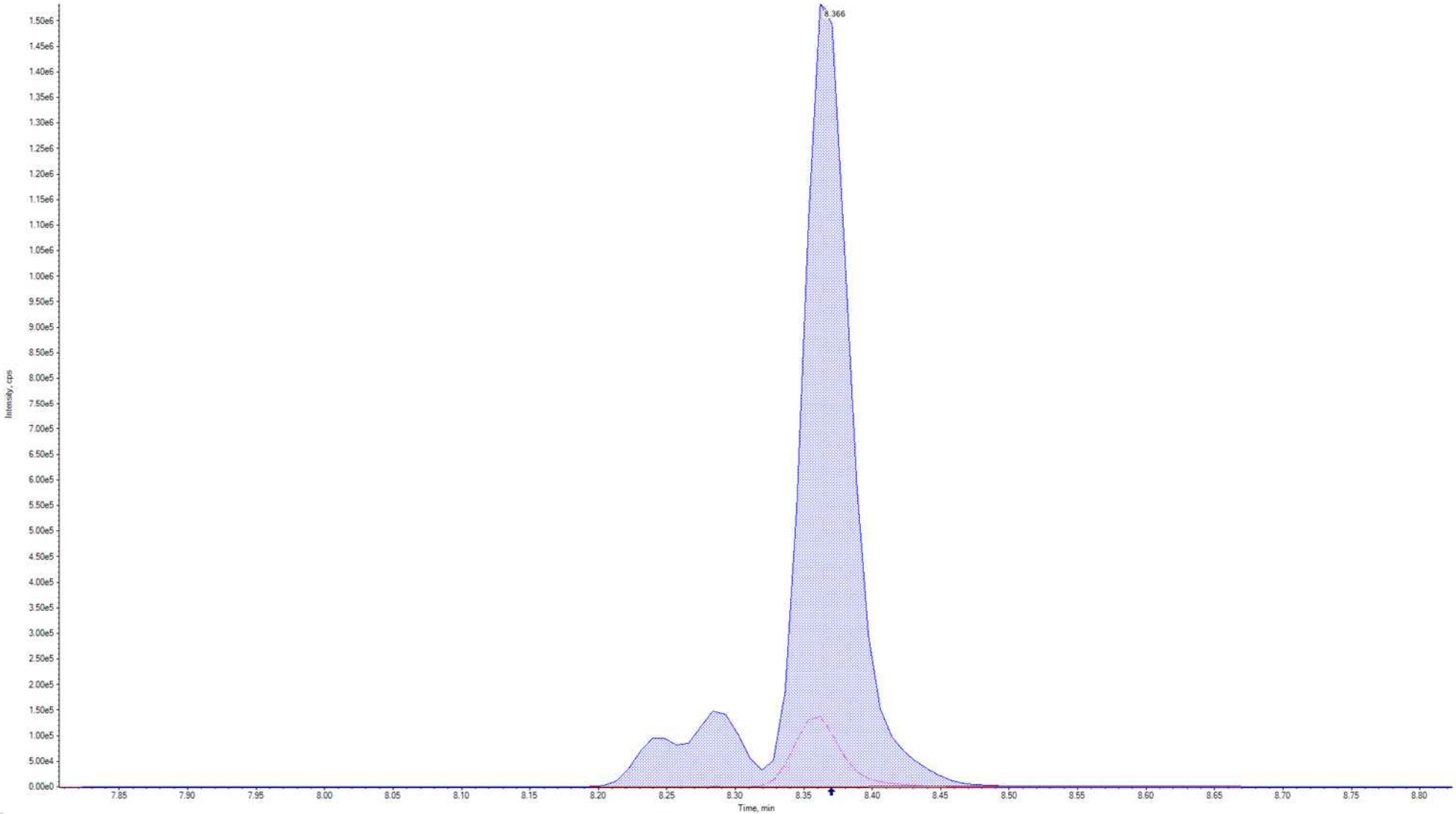
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSAA_2
Sample: IA1633STD-62.5 S/N:743.3 Points Across peak:33



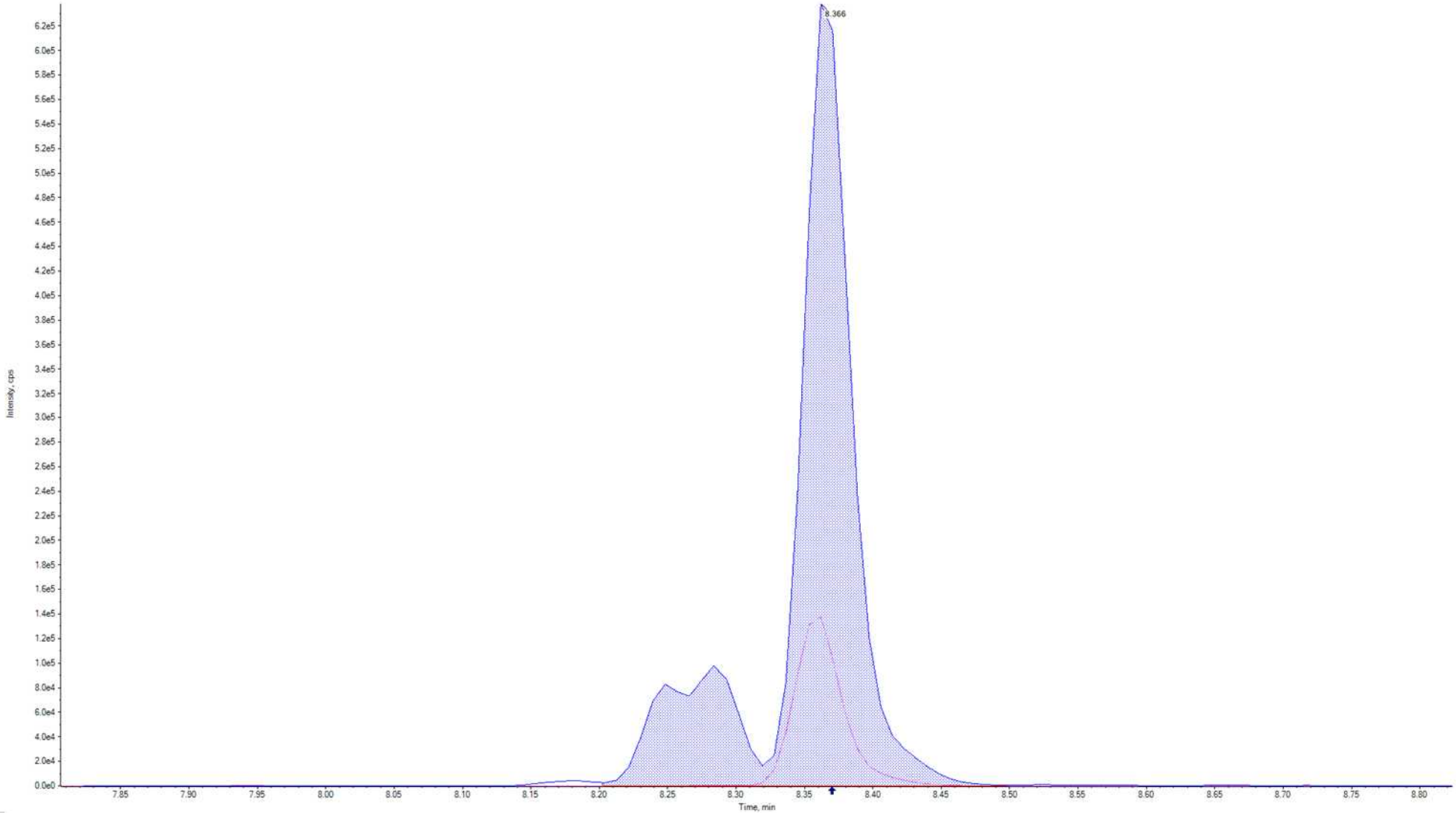
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA
Sample: IA1633STD-62.5 S/N:911.1 Points Across peak:40



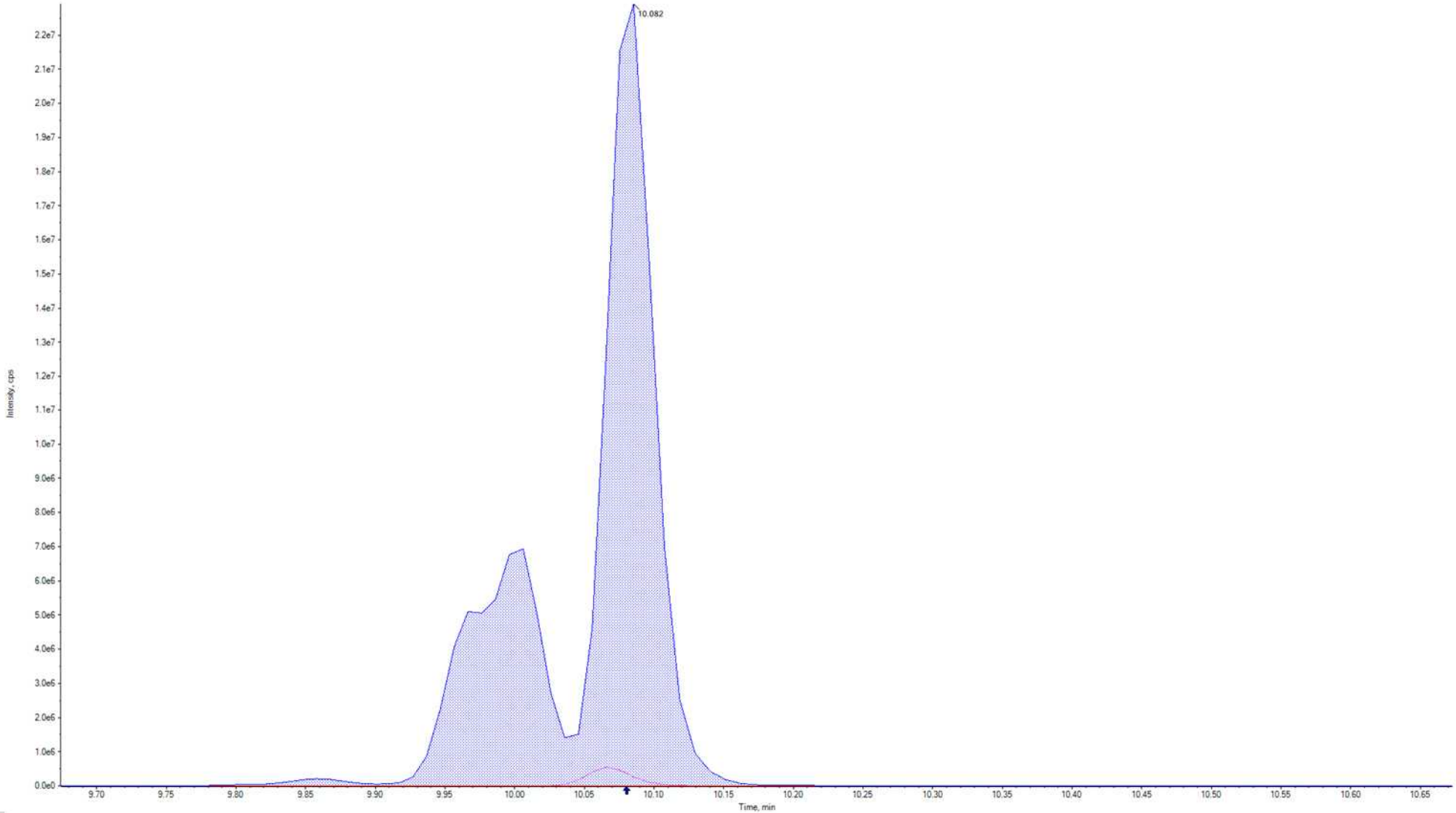
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSAA_2
Sample: IA1633STD-62.5 S/N:595.3 Points Across peak:36



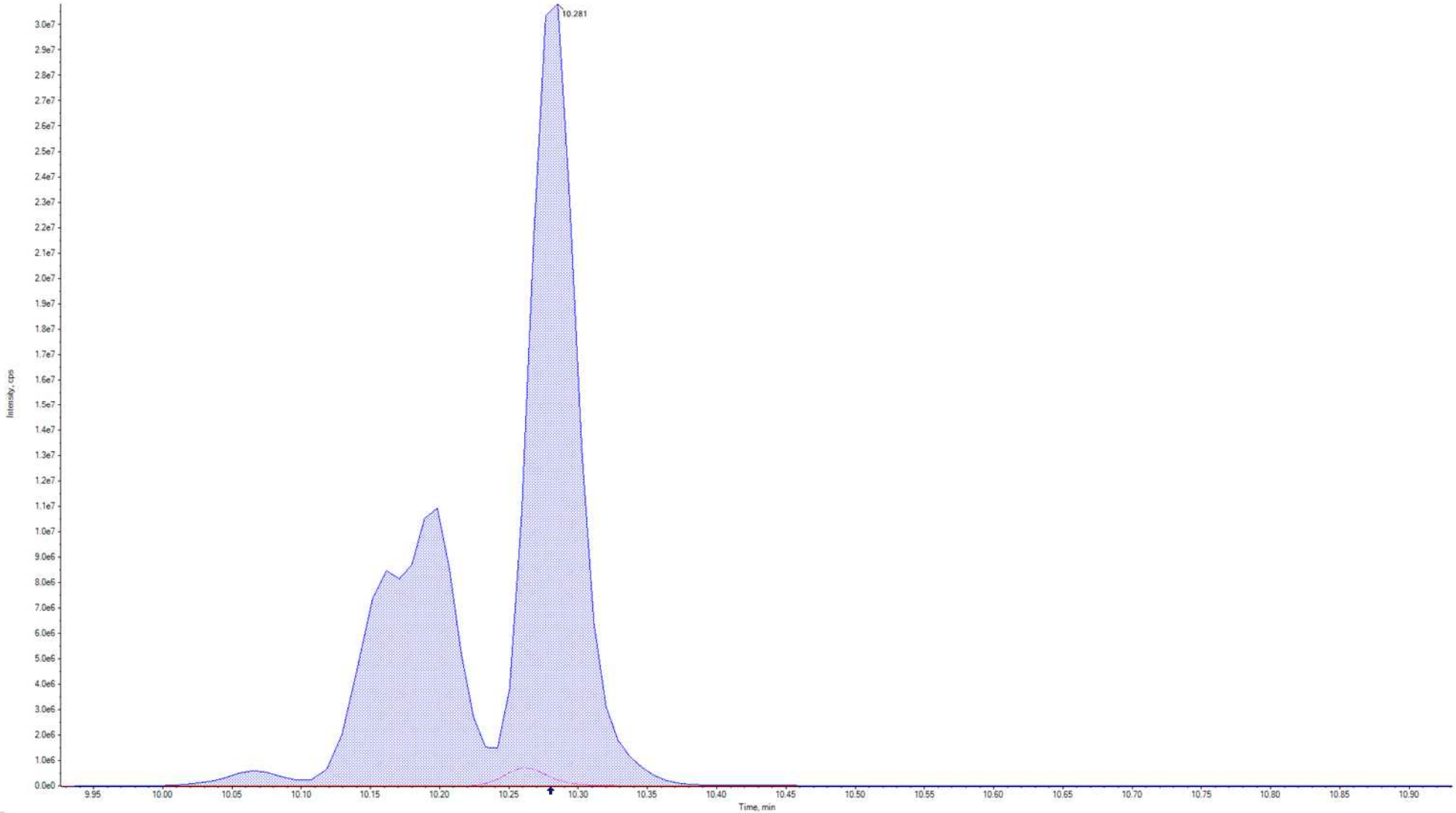
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NMeFOSE
Sample: IA1633STD-62.5 S/N:9664.4 Points Across peak:55



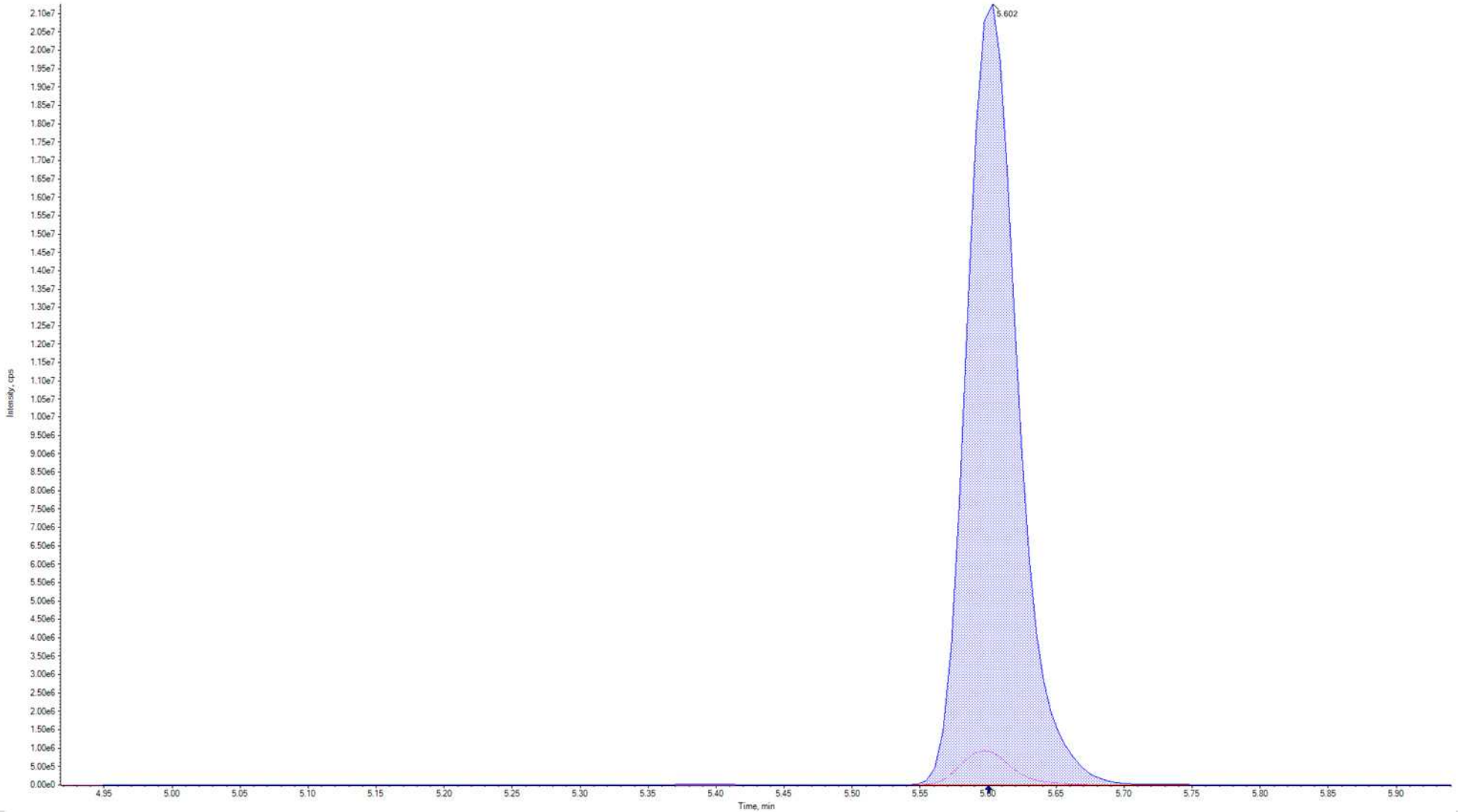
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

NEtFOSE
Sample: IA1633STD-62.5 S/N:5049.0 Points Across peak:63



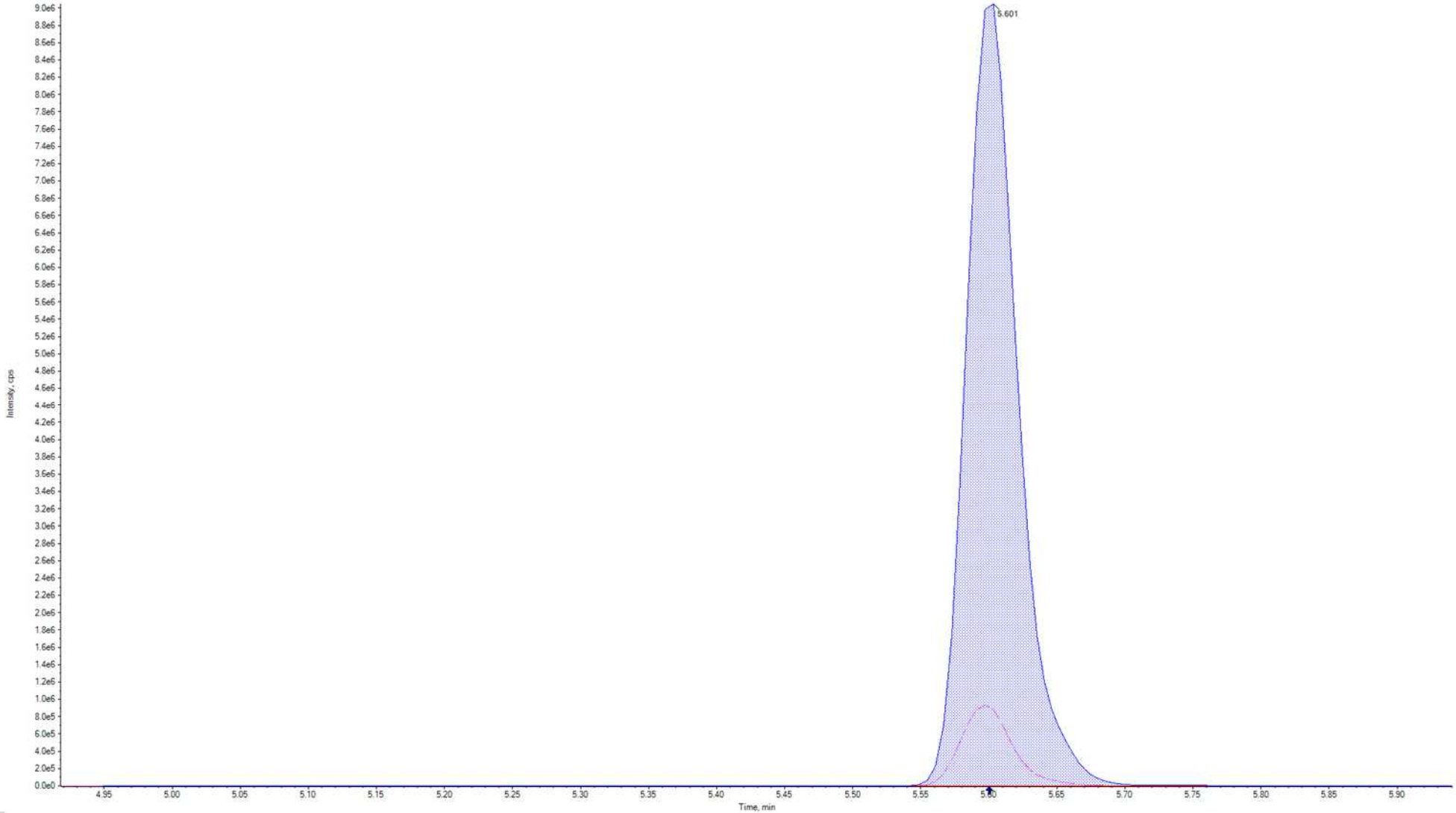
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA
Sample: IA1633STD-62.5 S/N:44180.4 Points Across peak:74



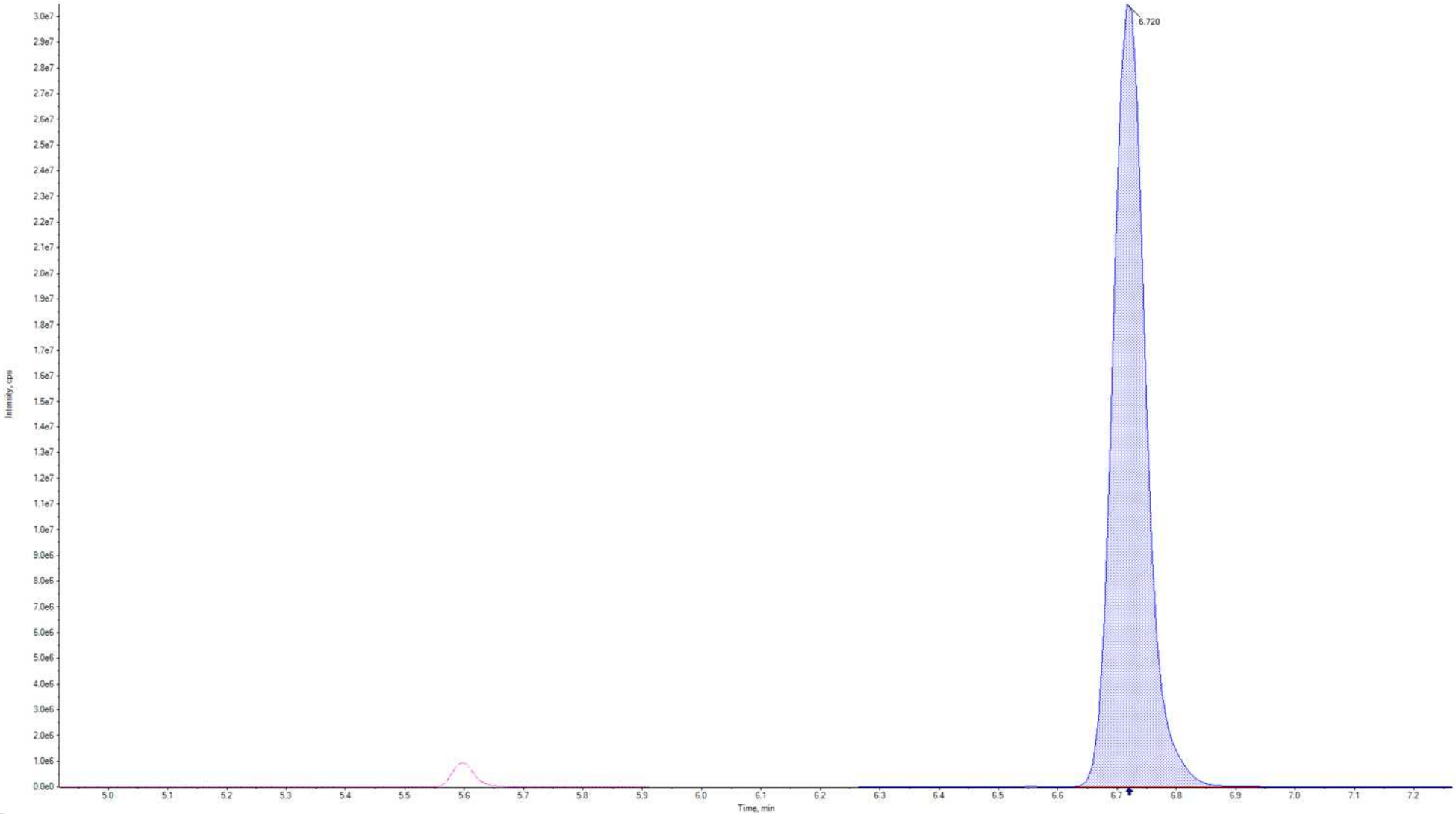
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

HFPO-DA_2
Sample: IA1633STD-62.5 S/N:16832.5 Points Across peak:56



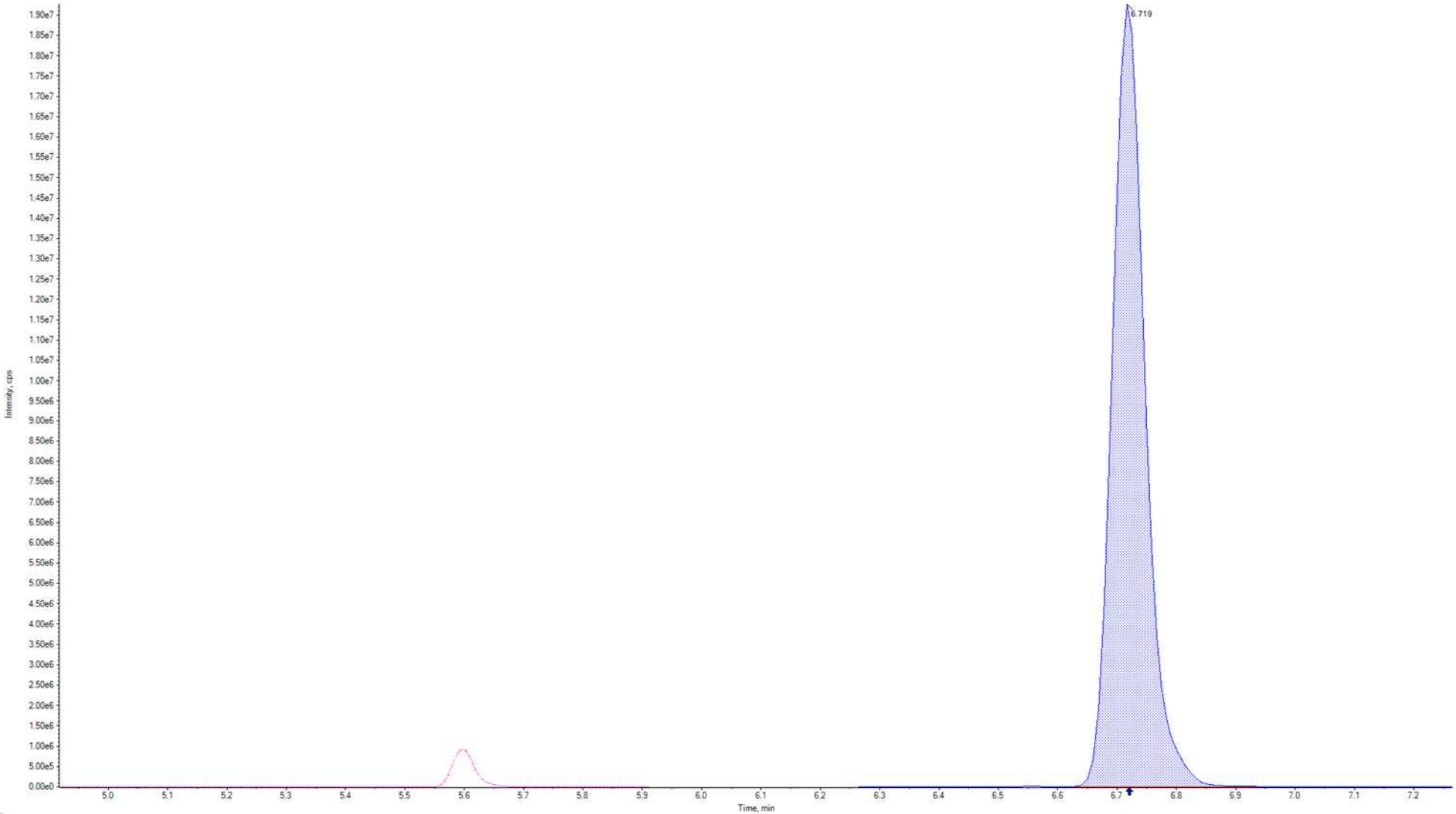
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

ADONA
Sample: IA1633STD-62.5 S/N:28417.9 Points Across peak:55



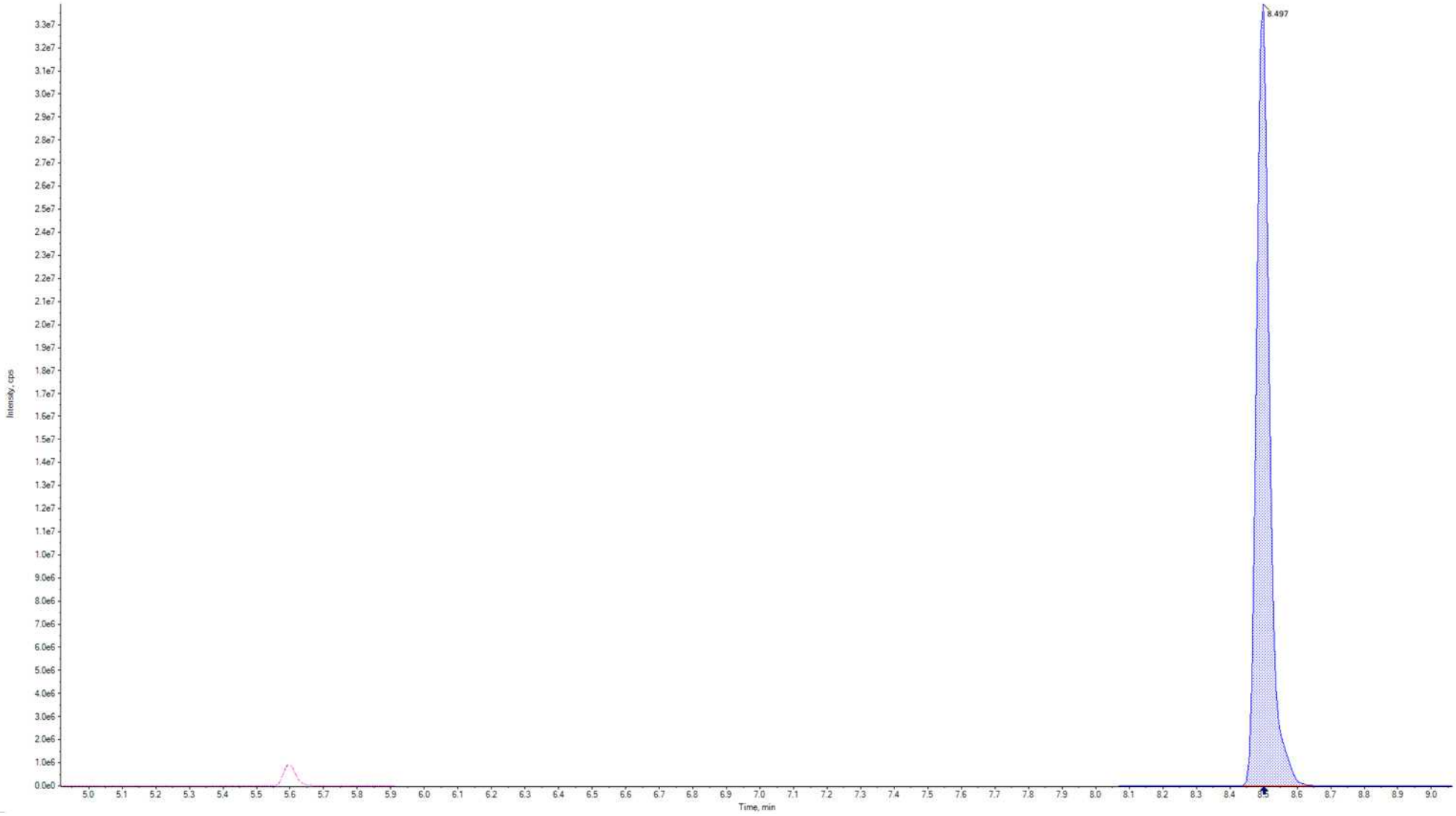
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

ADONA_2
Sample: IA1633STD-62.5 S/N:25885.3 Points Across peak:52



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS
Sample: IA1633STD-62.5 S/N:119953.3 Points Across peak:53



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

9Cl-PF3ONS_2
Sample: IA1633STD-62.5 S/N:84216.3 Points Across peak:33



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

11Cl-PF3OUdS
Sample: IA1633STD-62.5 S/N:53513.6 Points Across peak:48

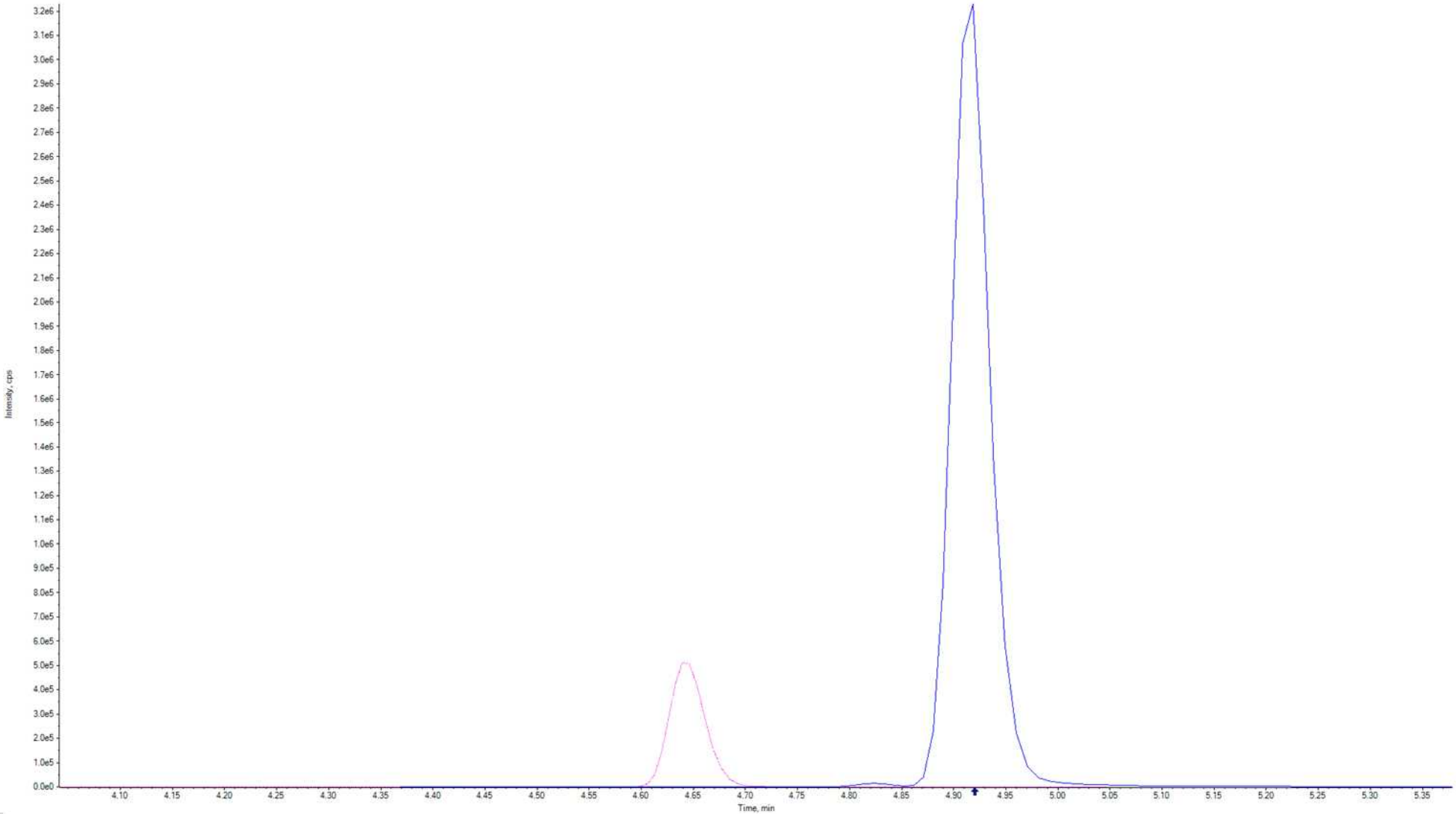


11Cl-PF3OUdS_2
Sample: IA1633STD-62.5 S/N:151573.5 Points Across peak:45

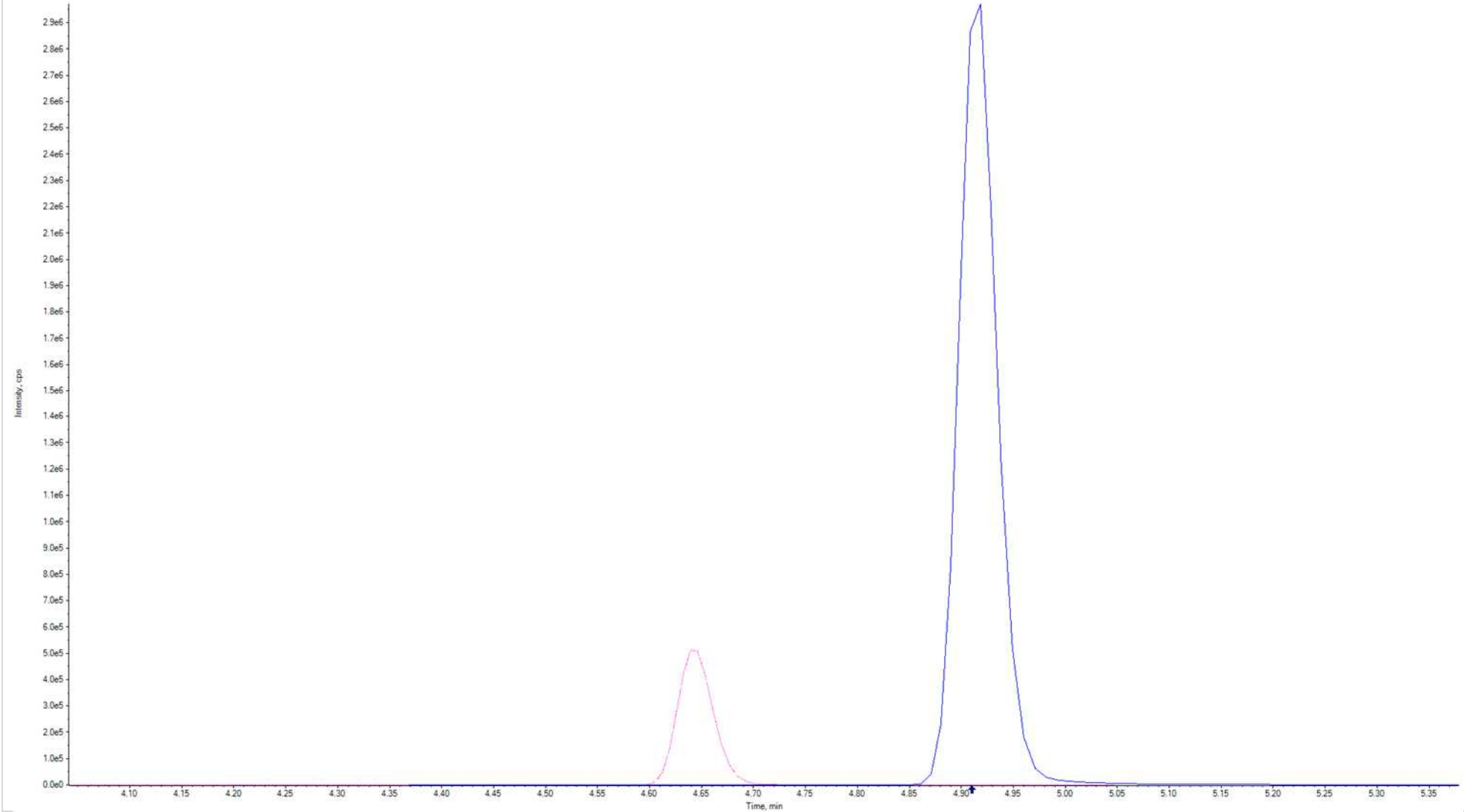


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

3:3FTCA
Sample: IA1633STD-62.5 S/N:N/A Points Across peak:N/A



3:3FTCA_2
Sample: IA1633STD-62.5 S/N:N/A Points Across peak:N/A



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA
Sample: IA1633STD-62.5 S/N:34646.5 Points Across peak:75



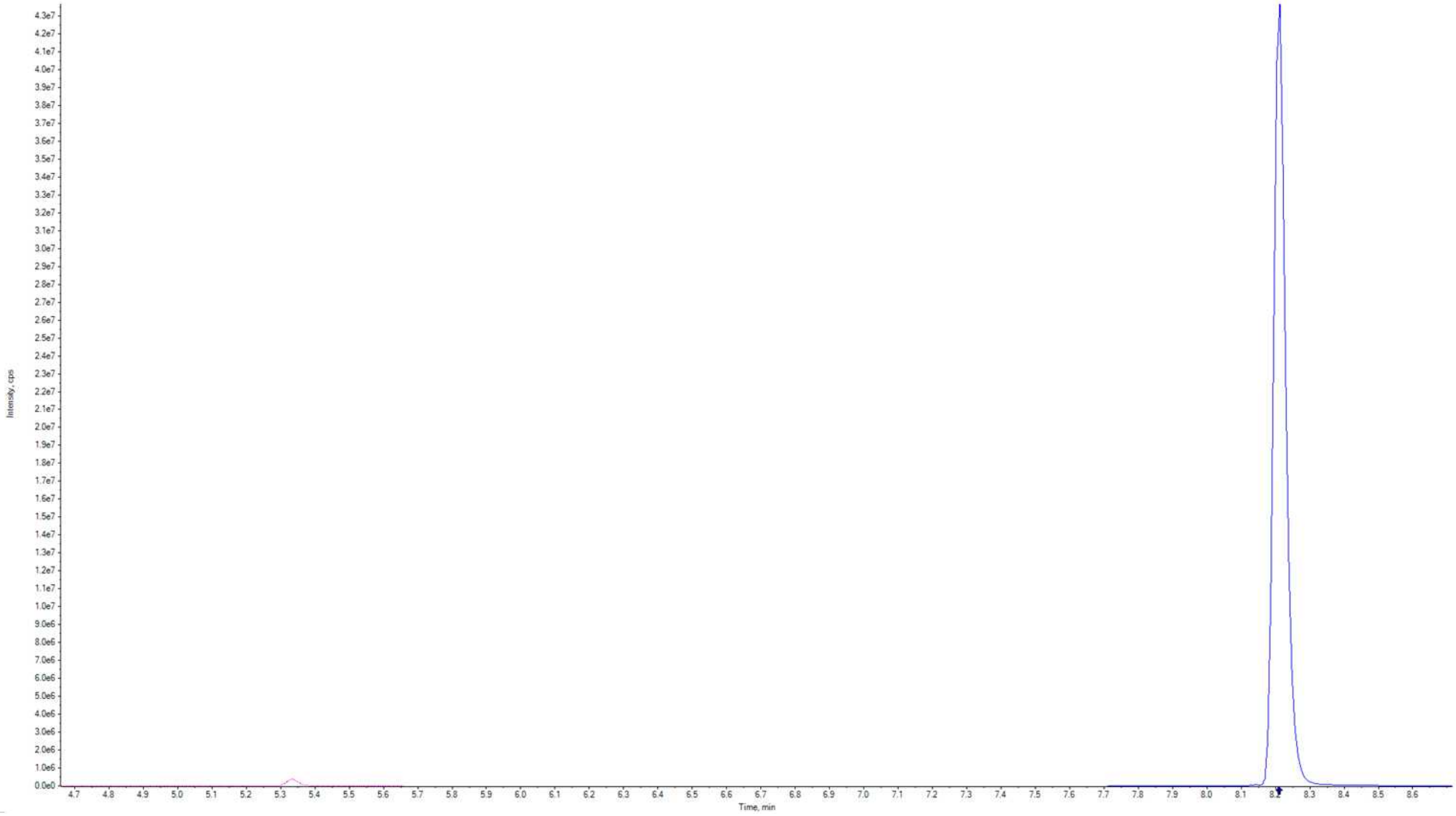
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

5:3FTCA_2
Sample: IA1633STD-62.5 S/N:26996.7 Points Across peak:52



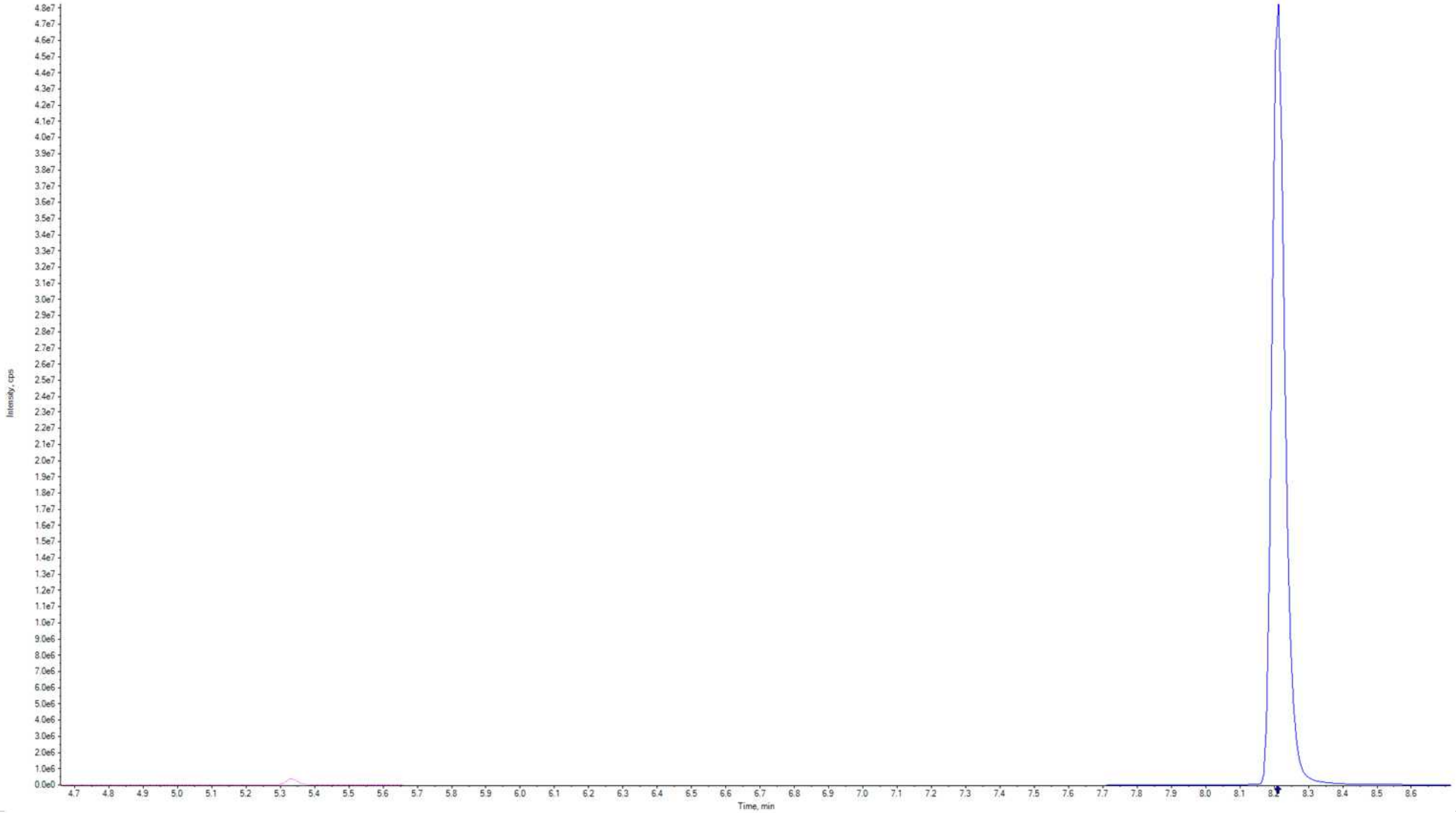
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA
Sample: IA1633STD-62.5 S/N:N/A Points Across peak:N/A



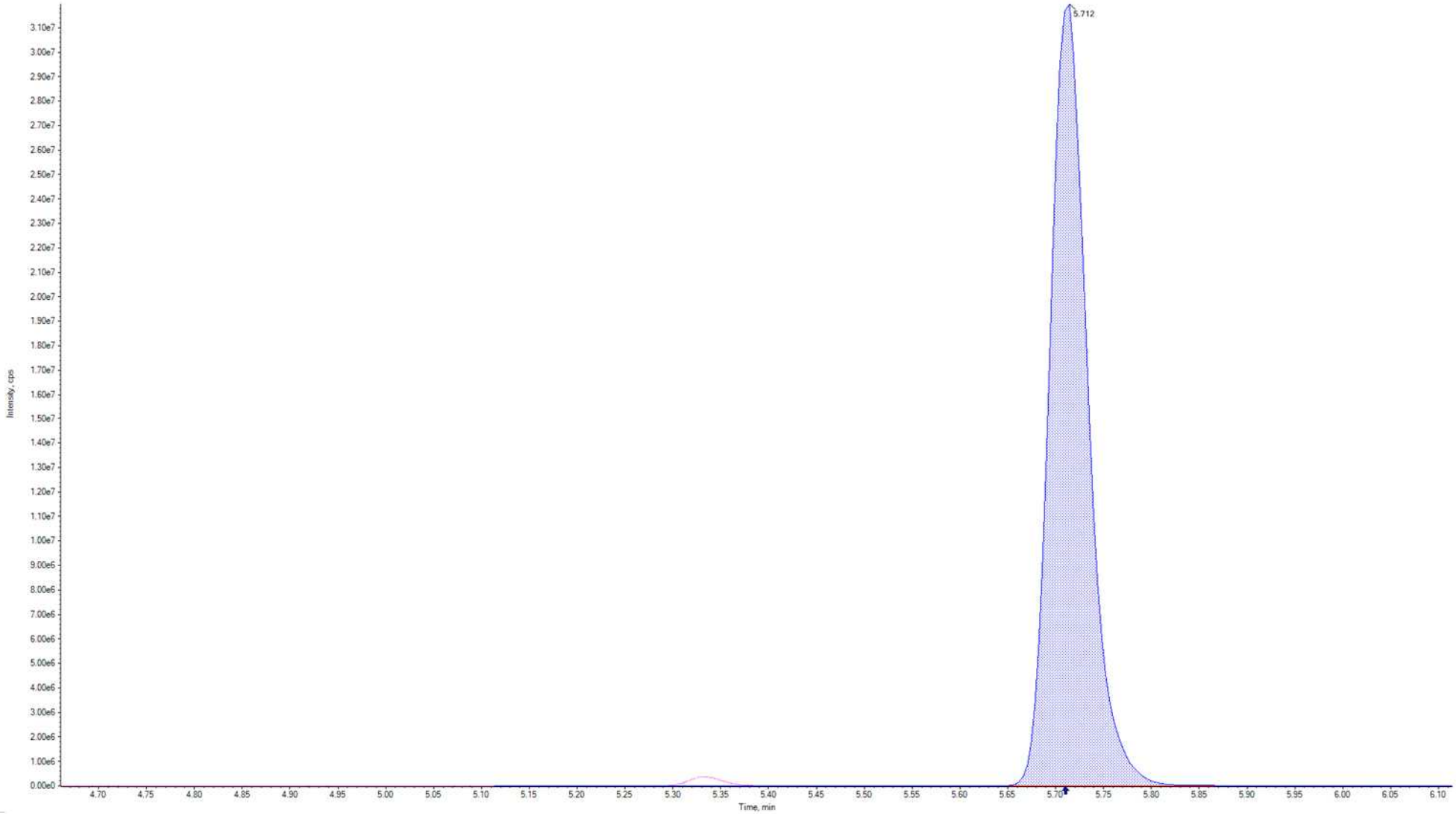
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

7:3FTCA_2
Sample: IA1633STD-62.5 S/N:N/A Points Across peak:N/A



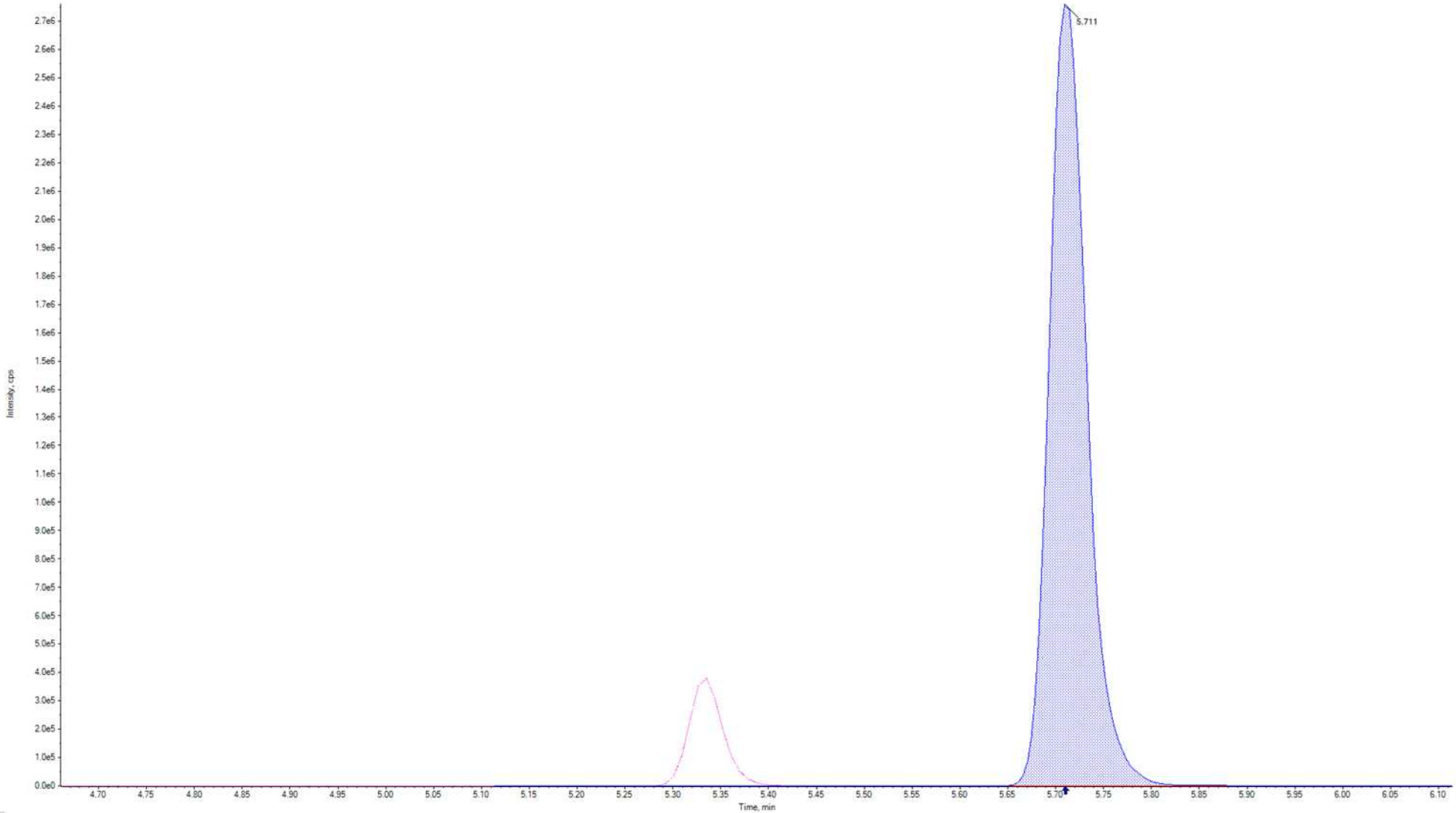
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA
Sample: IA1633STD-62.5 S/N:58046.1 Points Across peak:74



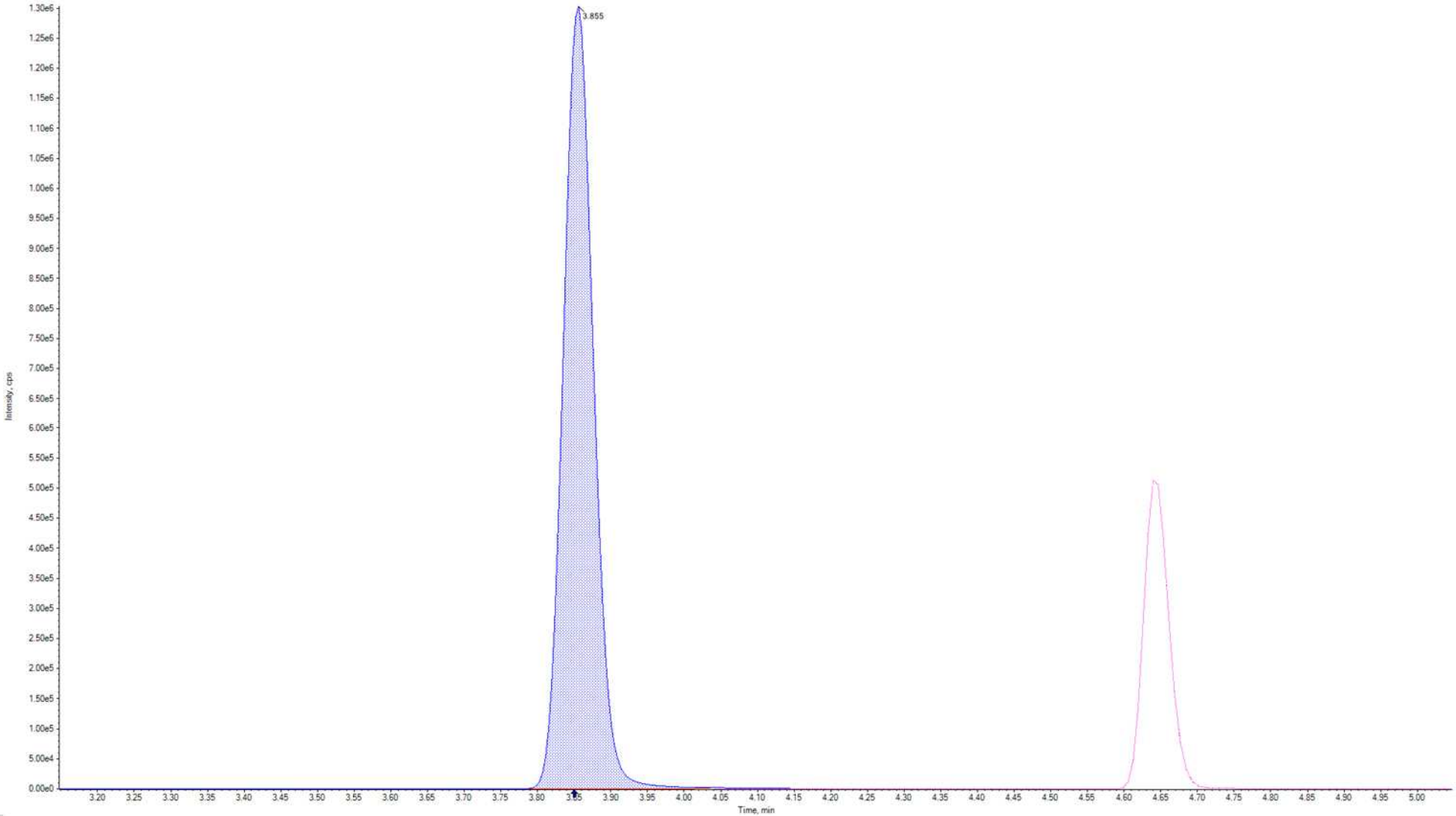
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFEESA_2
Sample: IA1633STD-62.5 S/N:21379.8 Points Across peak:61



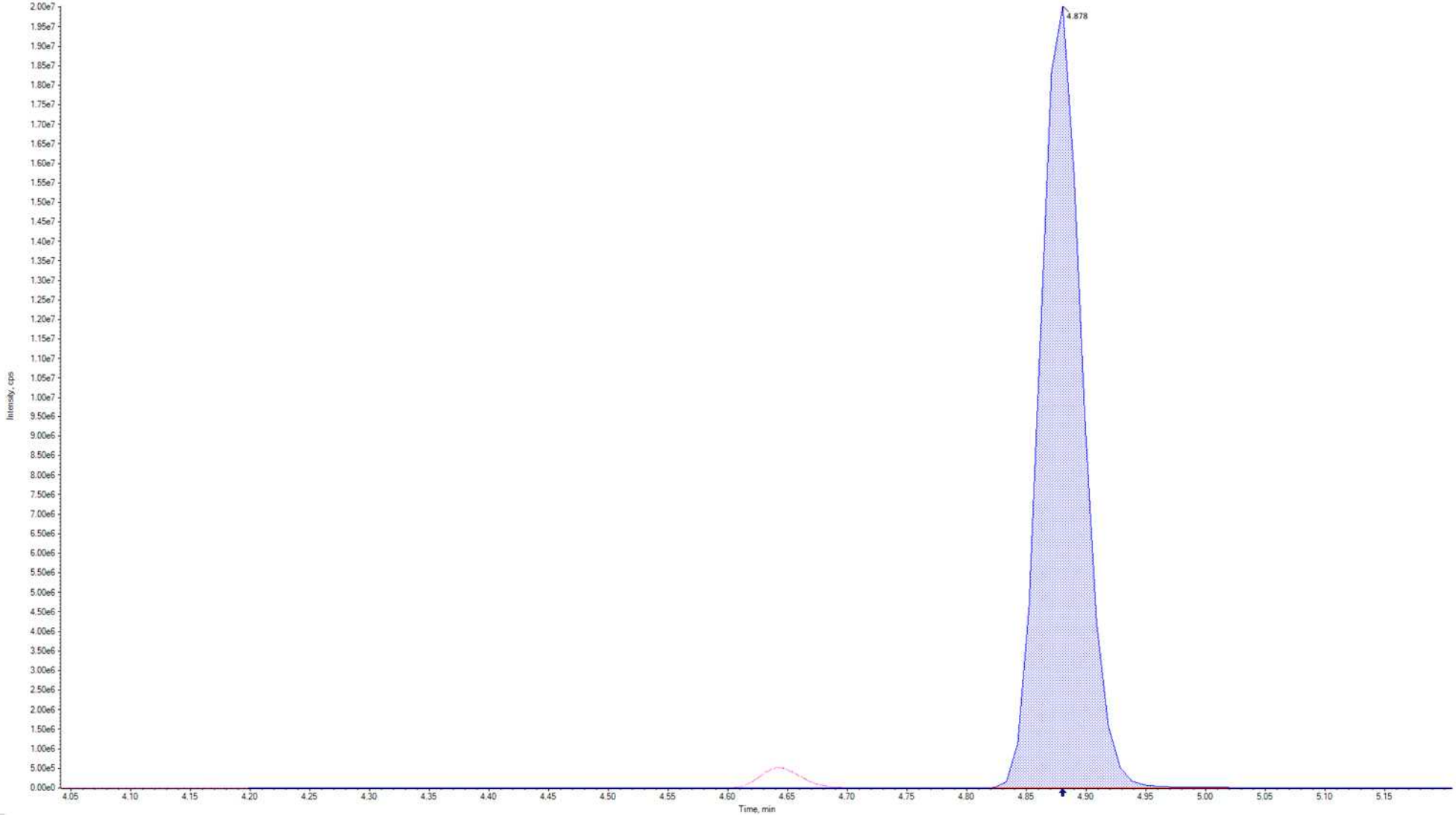
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFMPA
Sample: IA1633STD-62.5 S/N:12755.3 Points Across peak:66



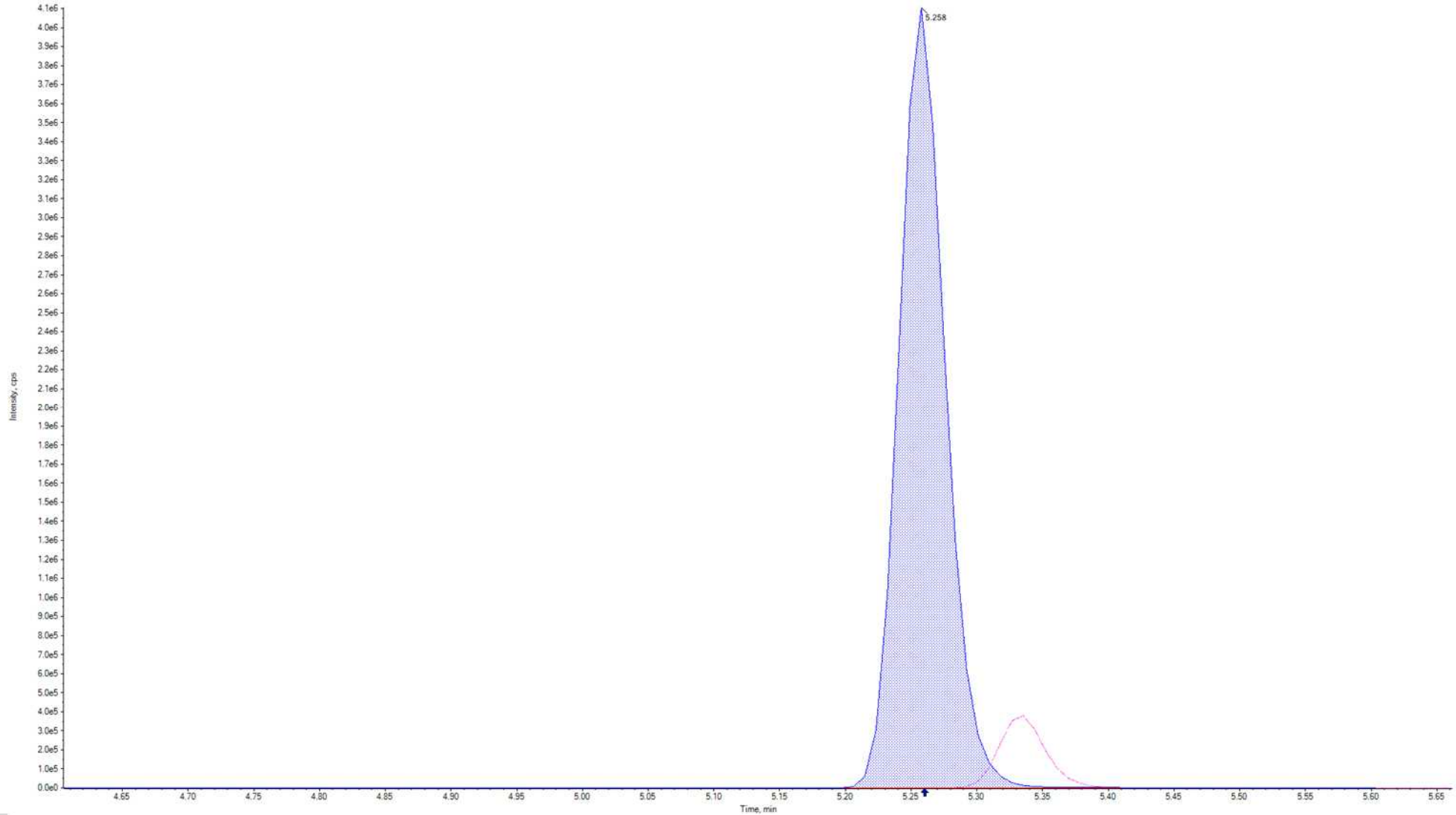
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

PFMBA
Sample: IA1633STD-62.5 S/N:27795.5 Points Across peak:40



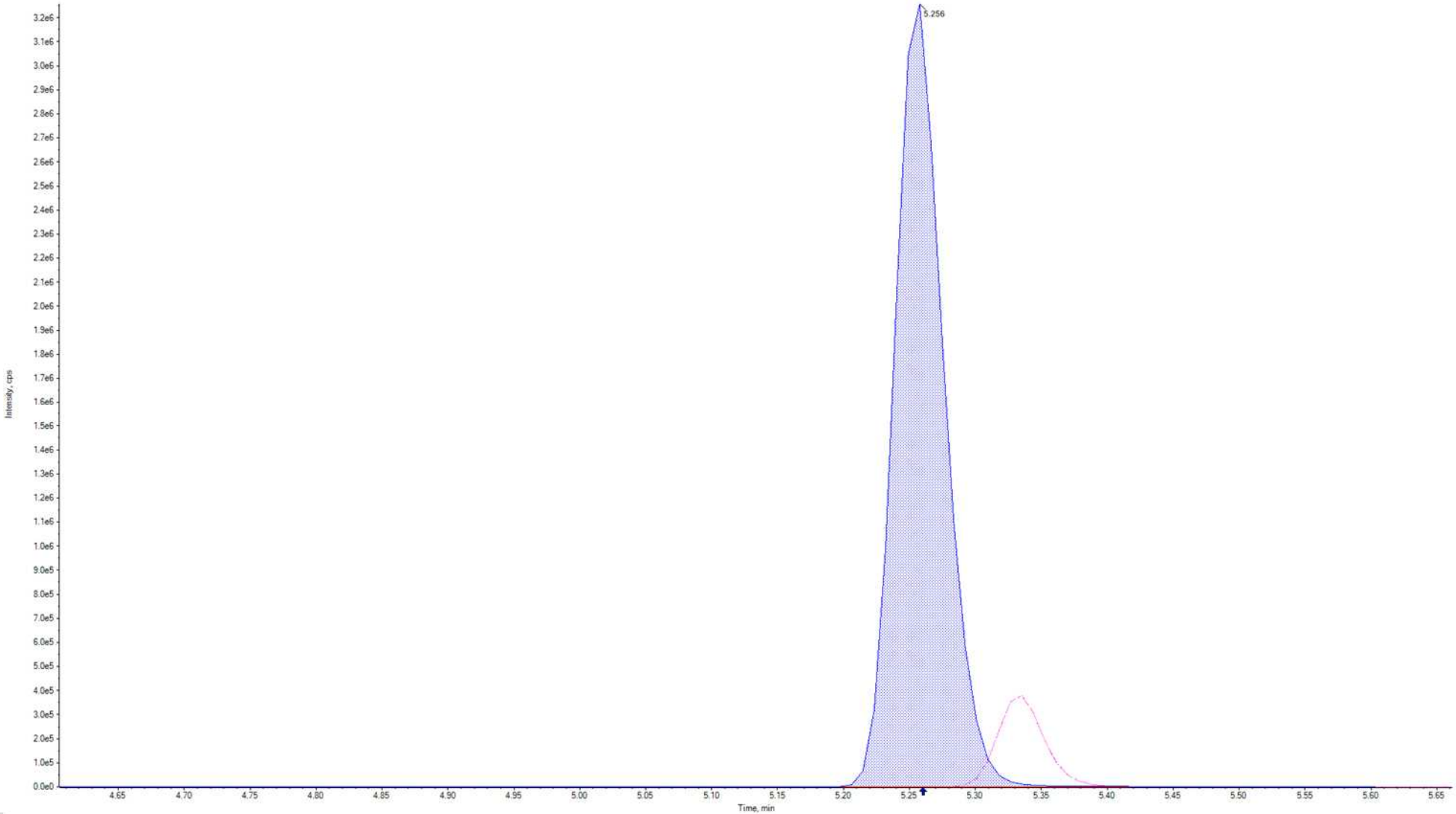
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

NFDHA
Sample: IA1633STD-62.5 S/N:9101.4 Points Across peak:39



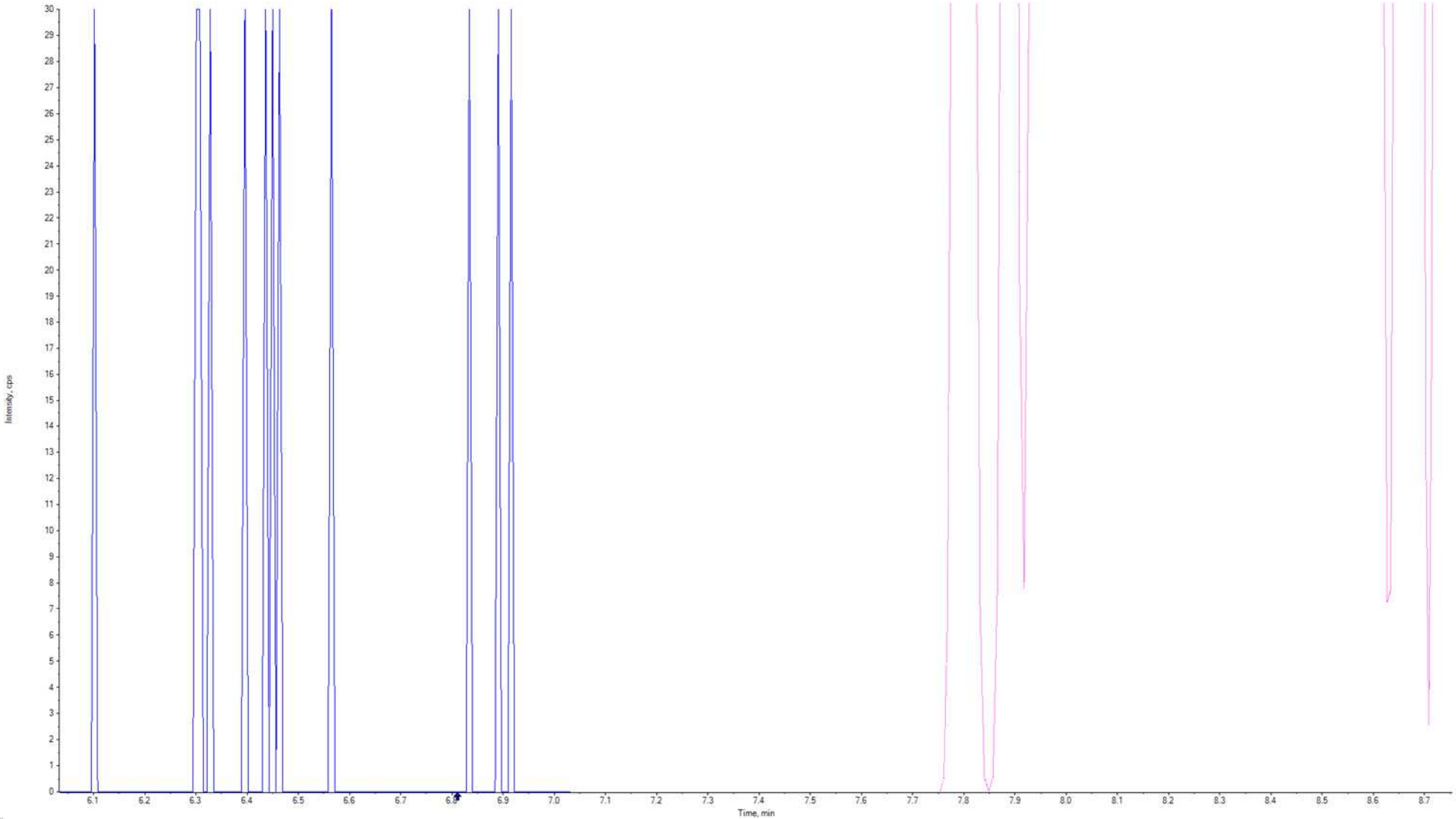
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Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

NFDHA_2
Sample: IA1633STD-62.5 S/N:9148.1 Points Across peak:39



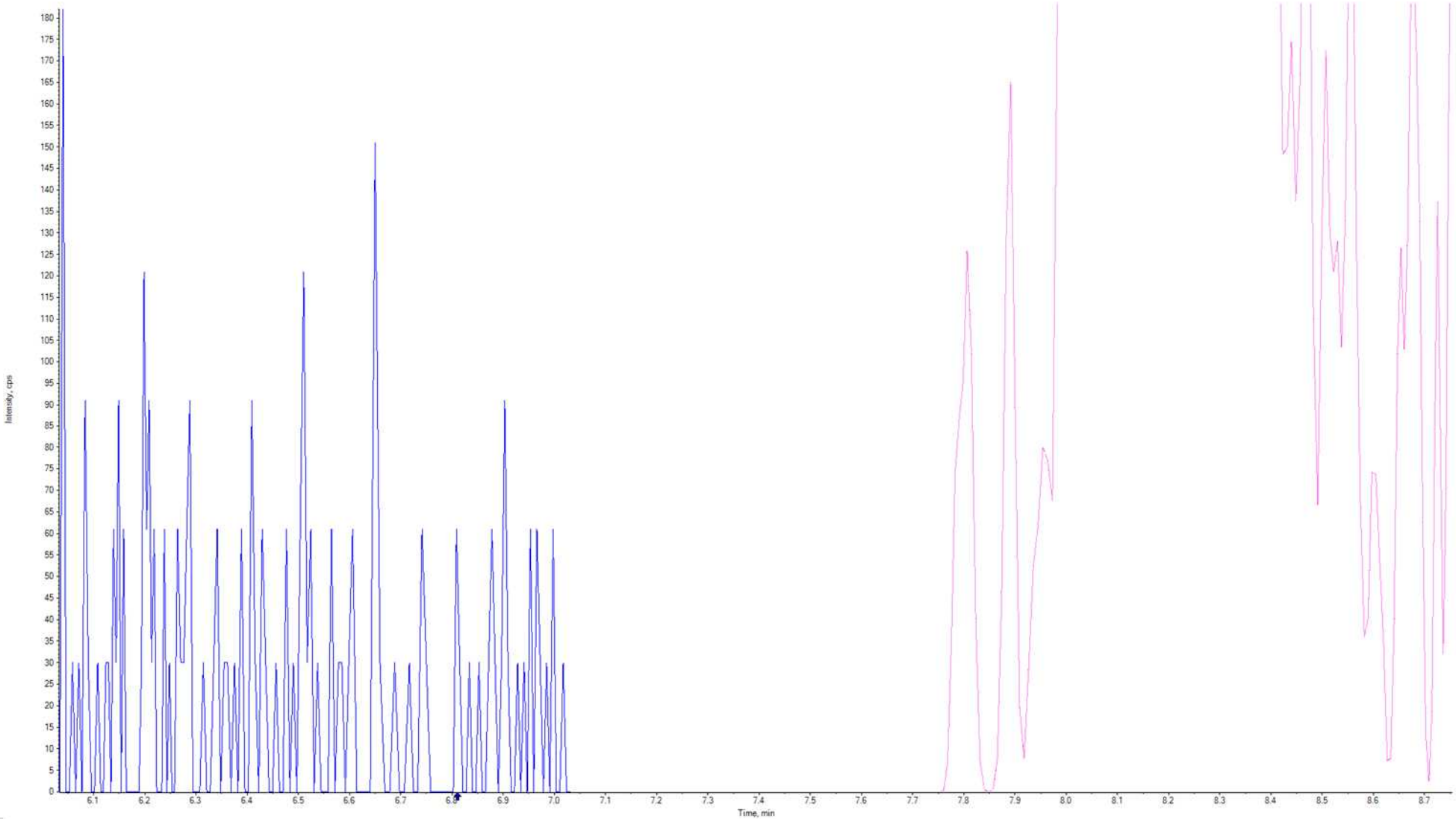
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

TDCA
Sample: IA1633STD-62.5 S/N:N/A Points Across peak:N/A



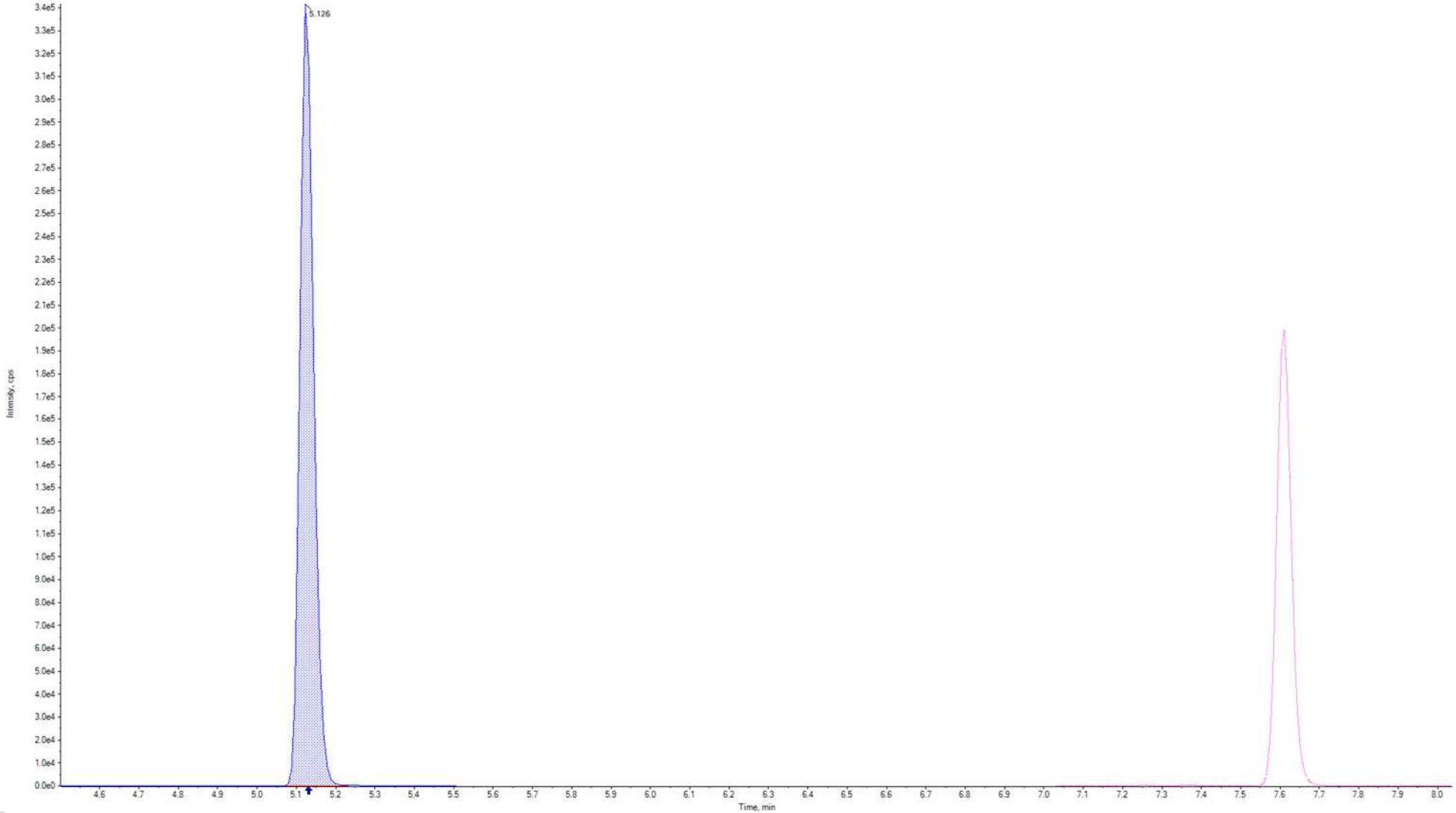
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

TDCA_2
Sample: IA1633STD-62.5 S/N:N/A Points Across peak:N/A



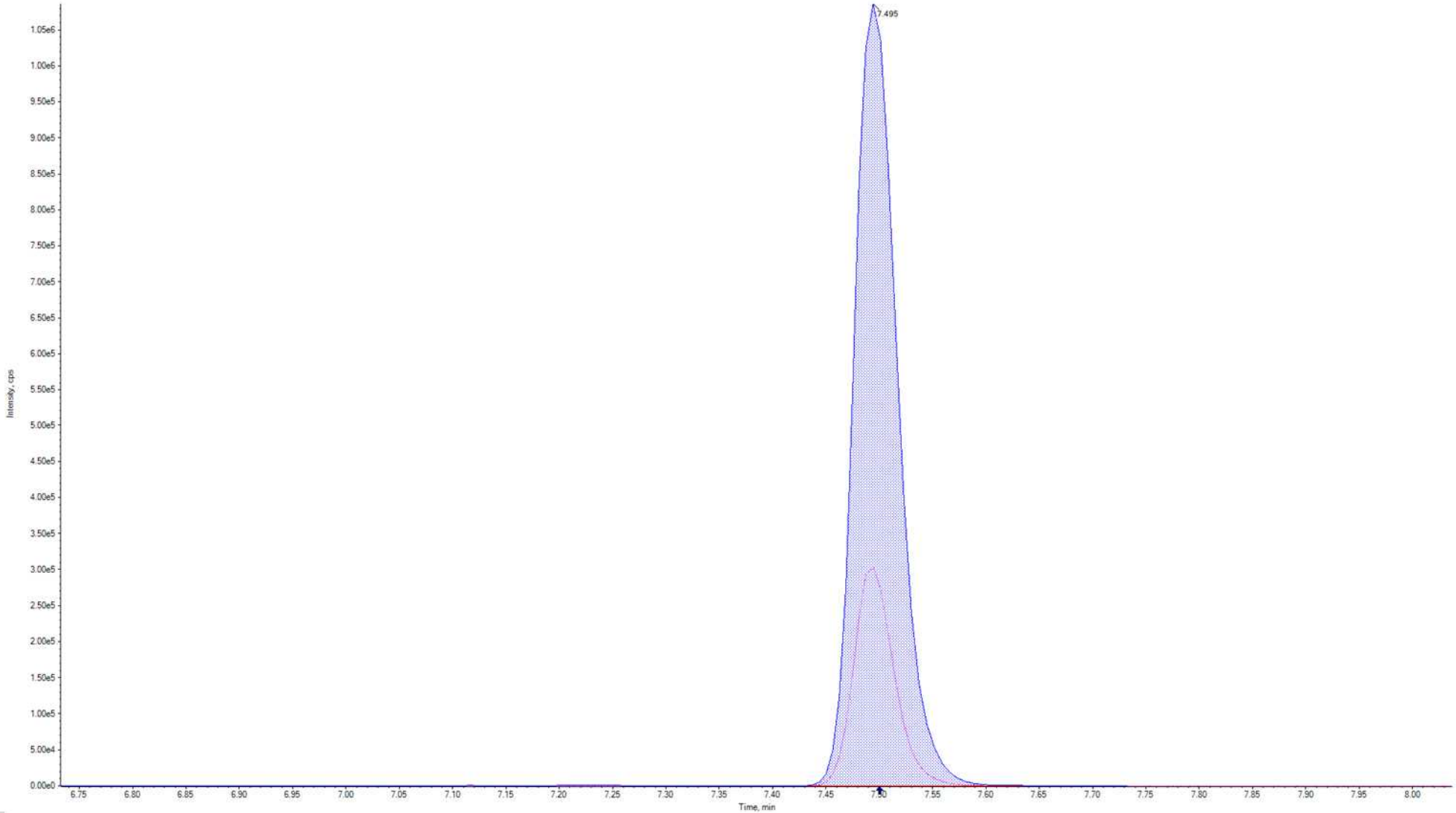
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

13C2D4-4:2FTS
Sample: IA1633STD-62.5 S/N:7630.4 Points Across peak:22



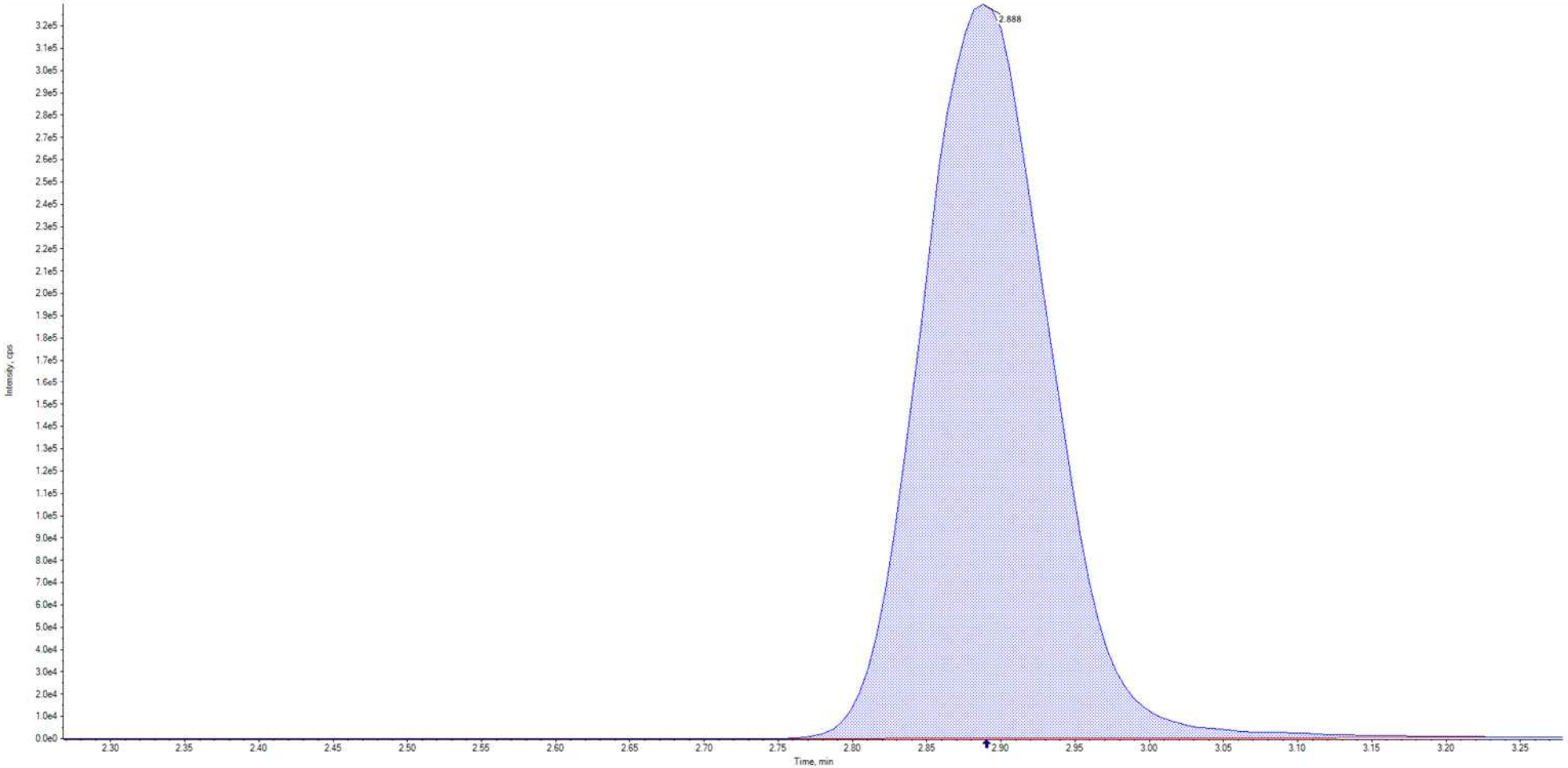
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

13C2-PFOA
Sample: IA1633STD-62.5 S/N:5354.5 Points Across peak:34

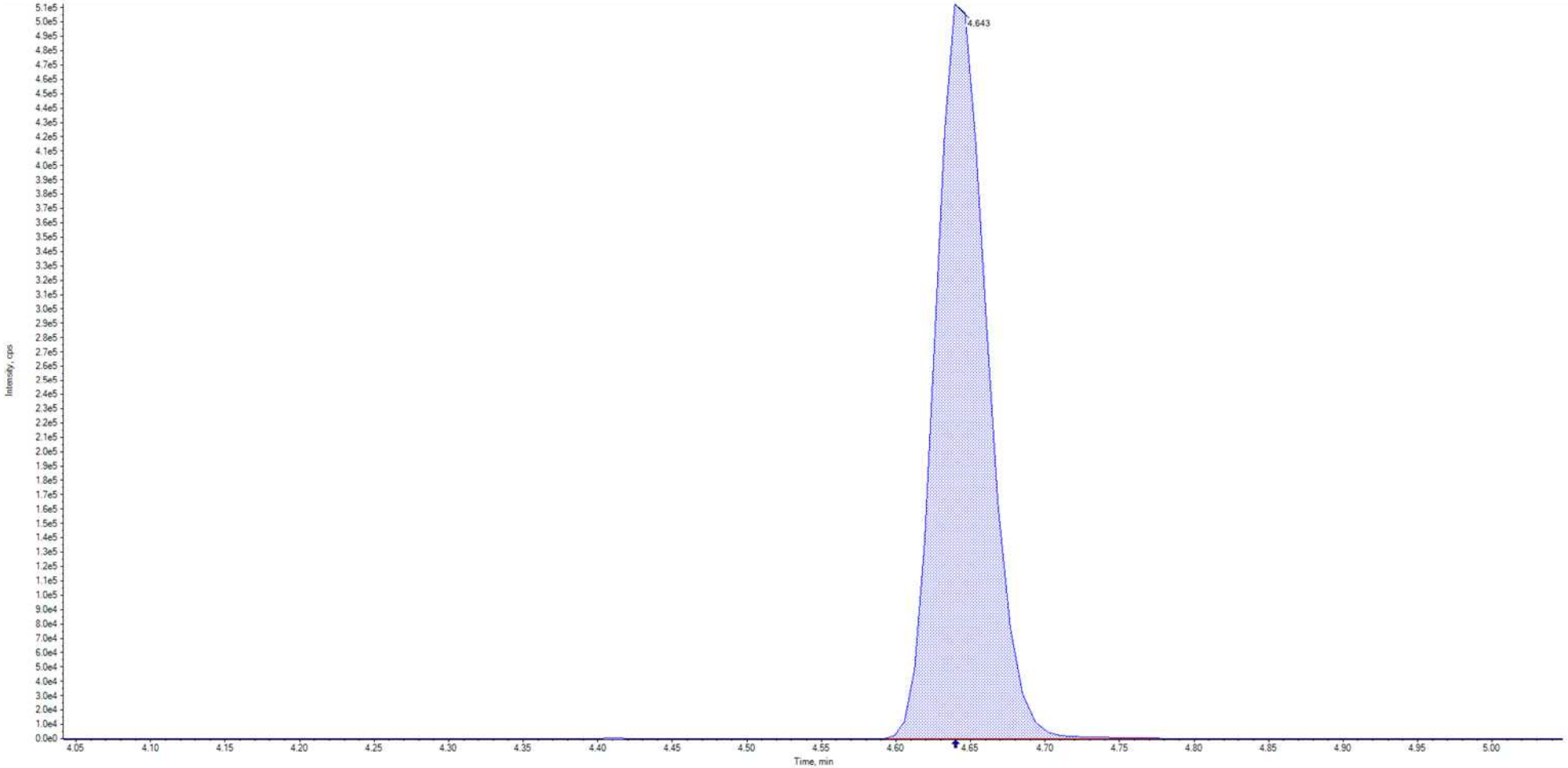


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

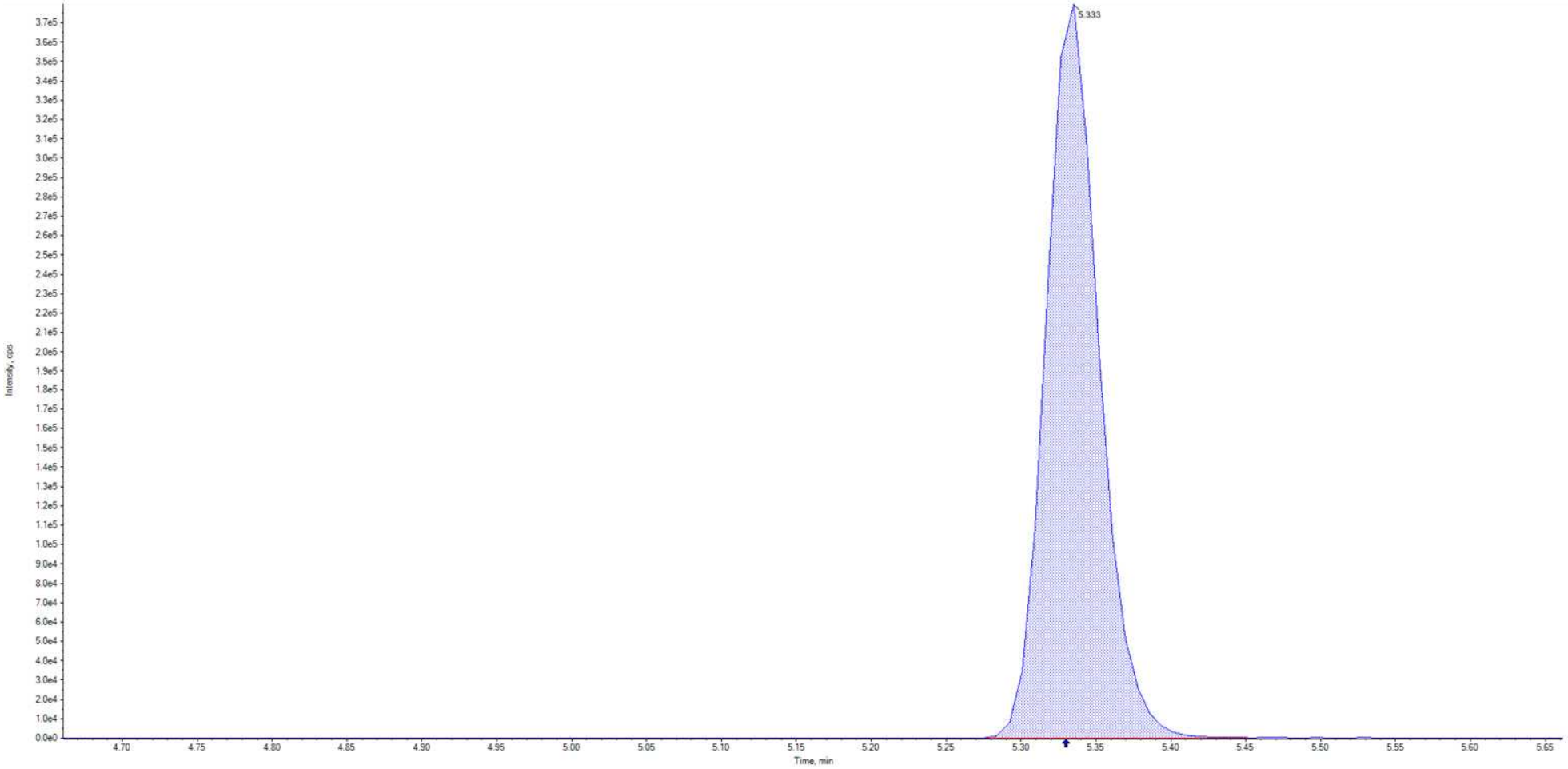
13C4-PFBA
Sample: IA1633STD-62.5



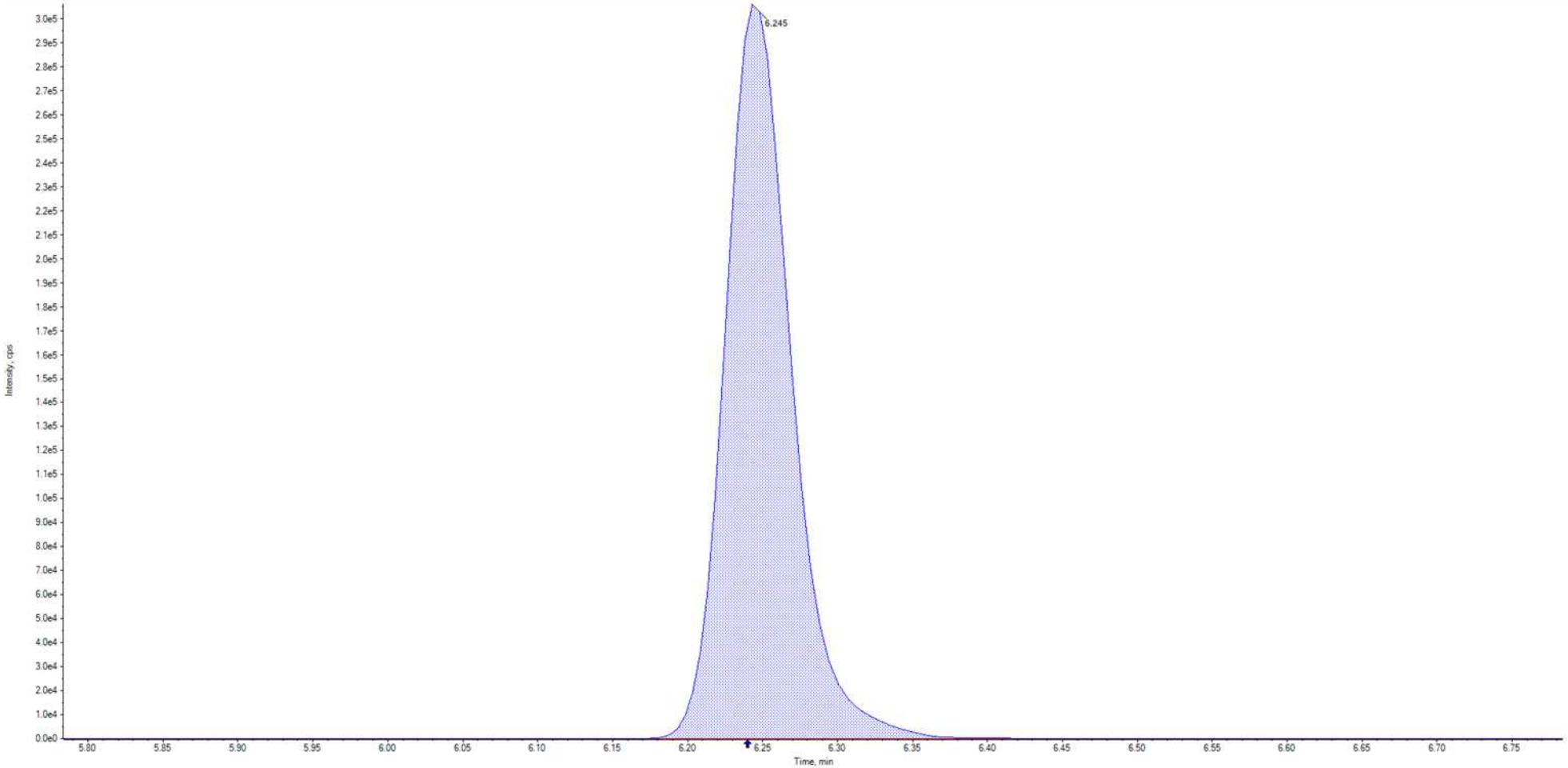
13C5-PFPeA
Sample: IA1633STD-62.5



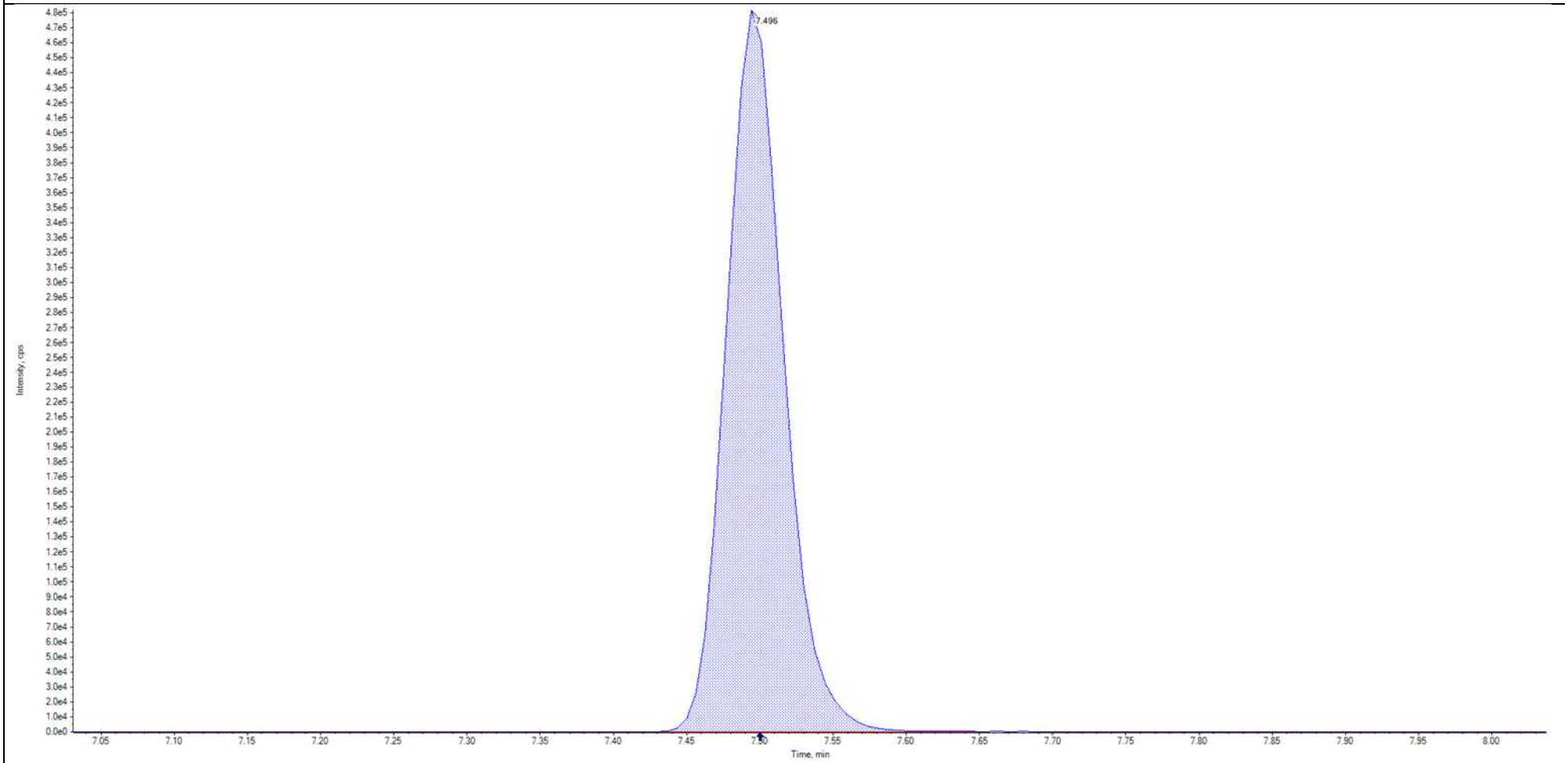
13C5-PFHxA
Sample: IA1633STD-62.5



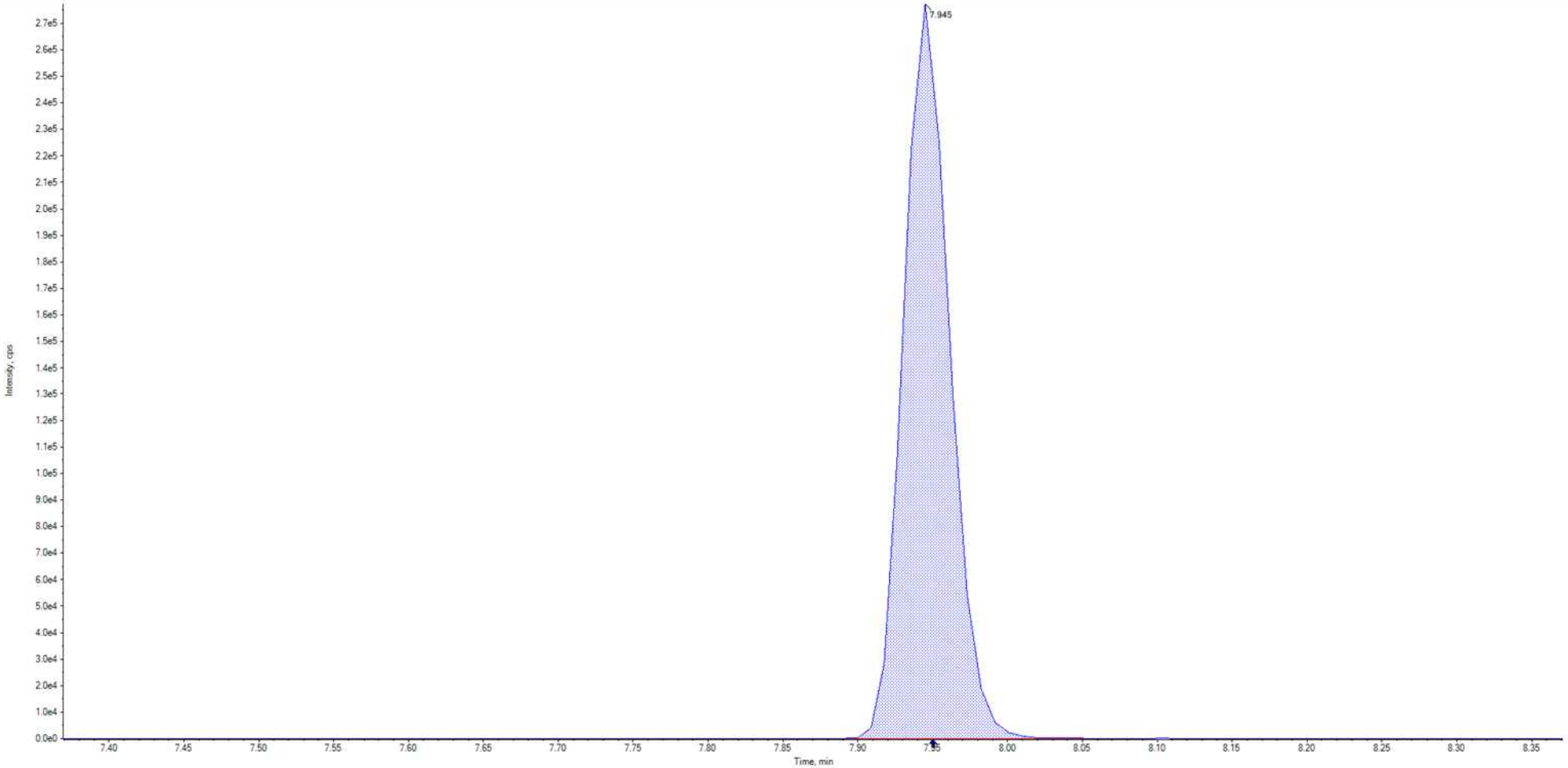
13C4-PFHpA
Sample: IA1633STD-62.5



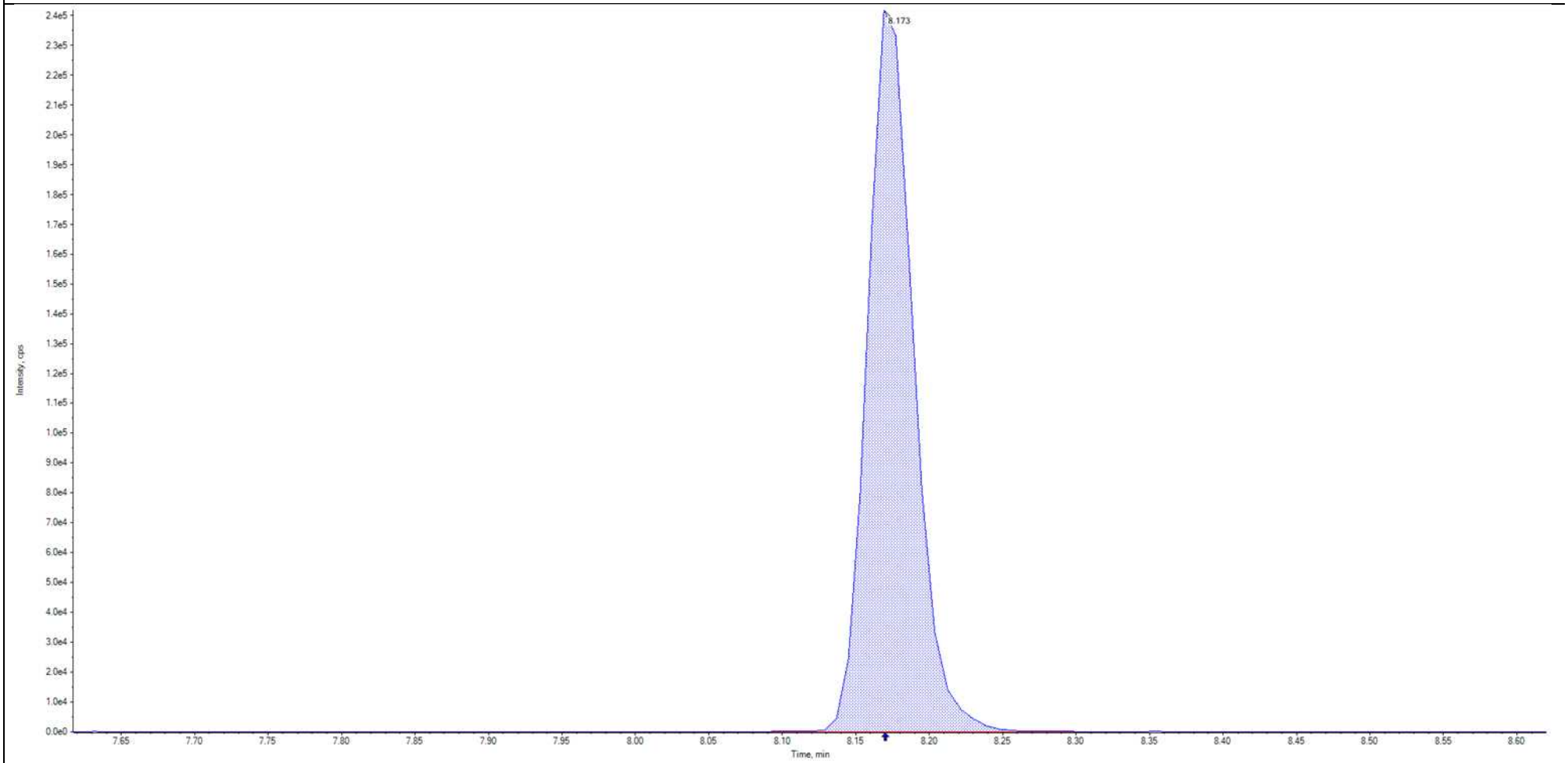
13C8-PFOA
Sample: IA1633STD-62.5



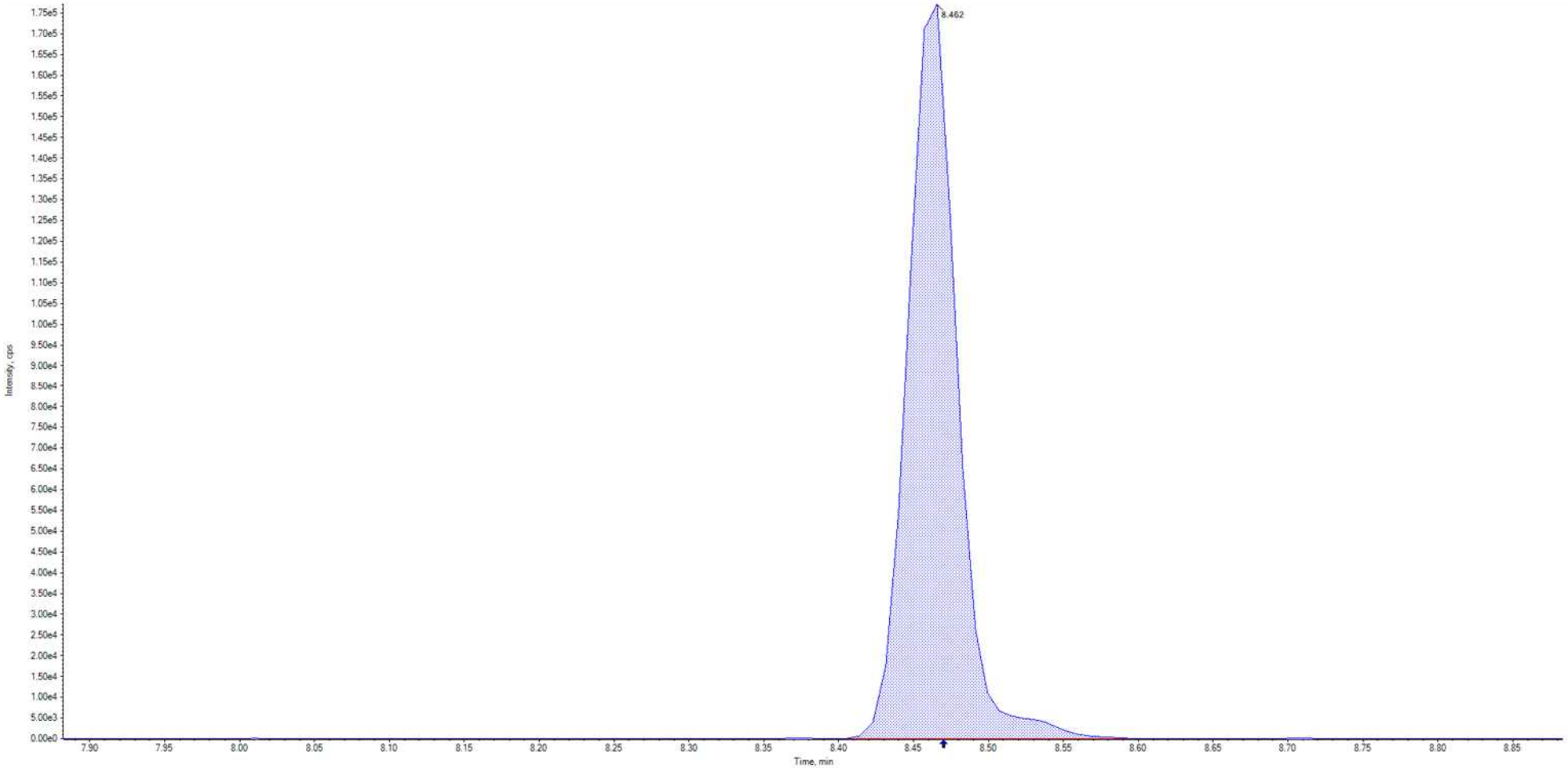
13C9-PFNA
Sample: IA1633STD-62.5



13C6-PFDA
Sample: IA1633STD-62.5

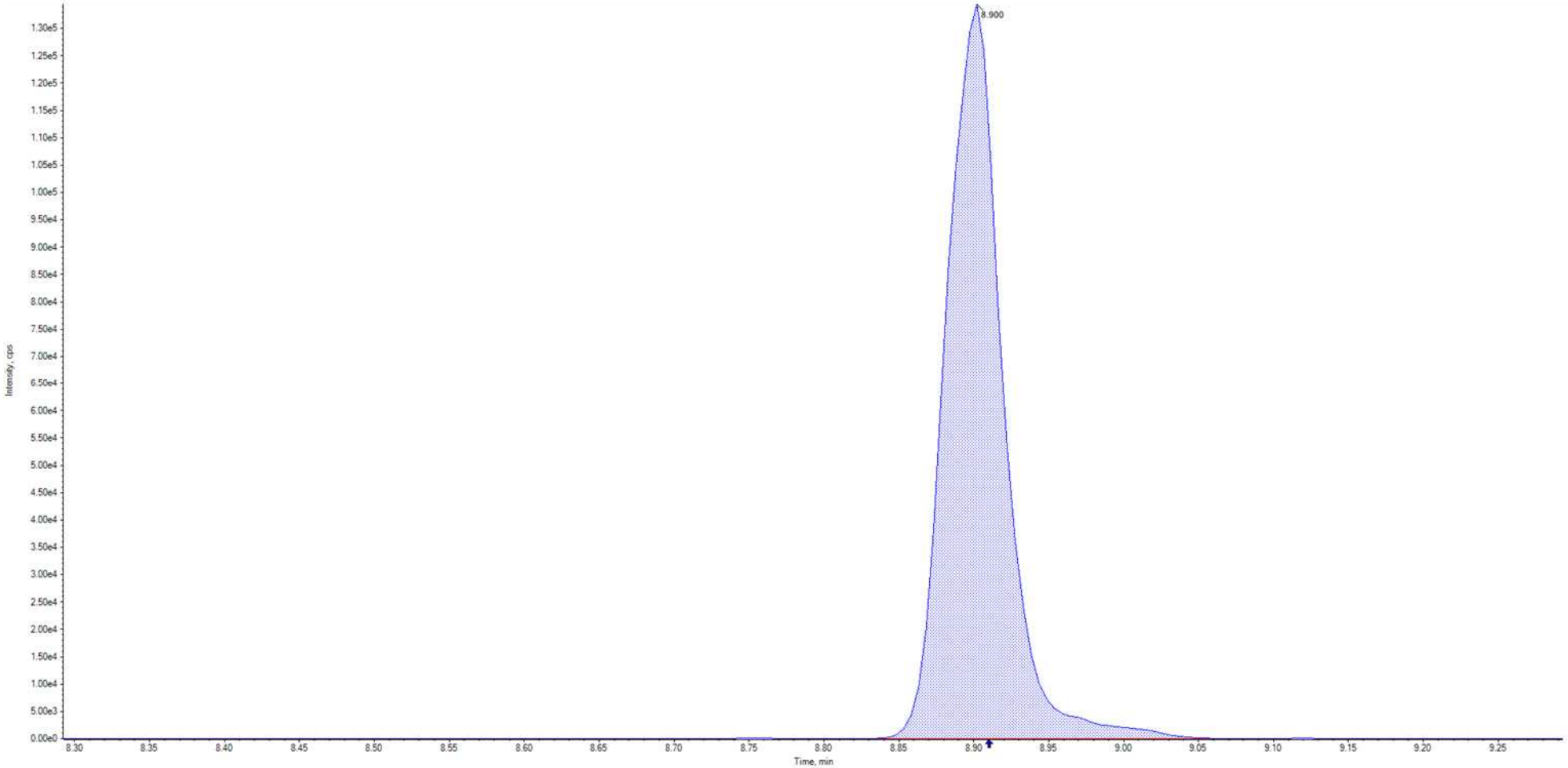


13C7-PFUnA
Sample: IA1633STD-62.5

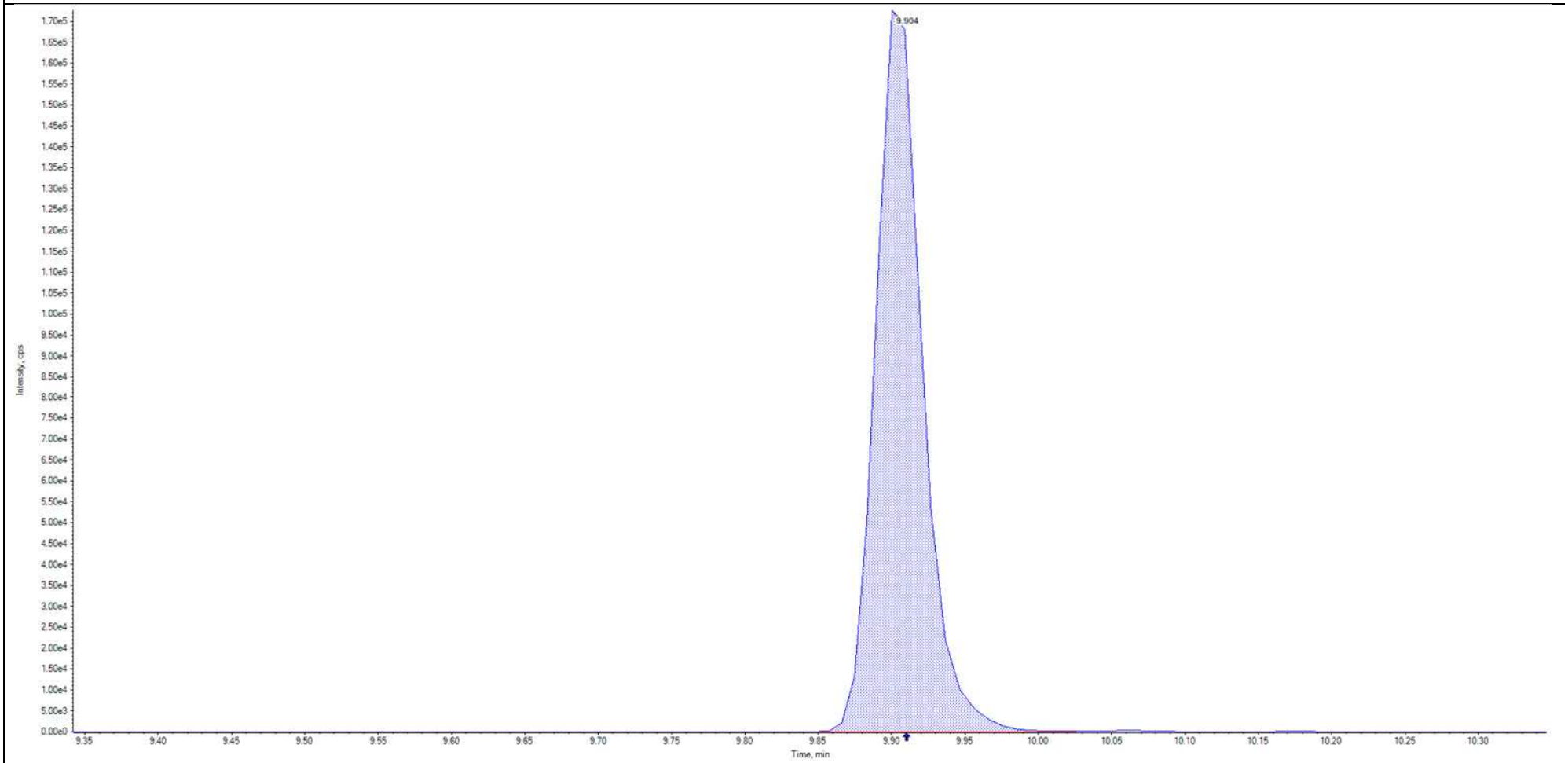


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
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Generated: 8/14/2024 6:27:11 AM

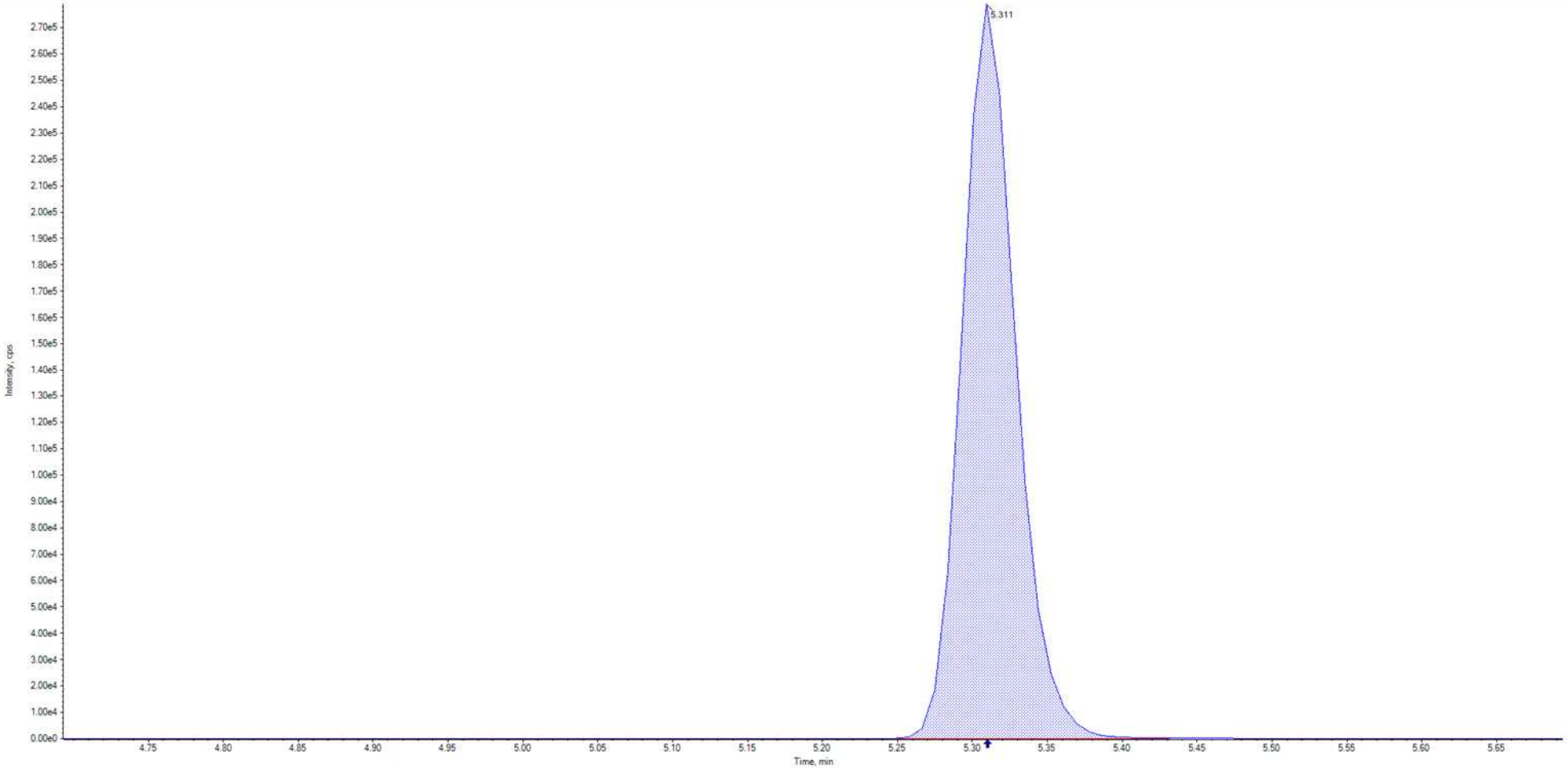
13C2-PFDoA
Sample: IA1633STD-62.5



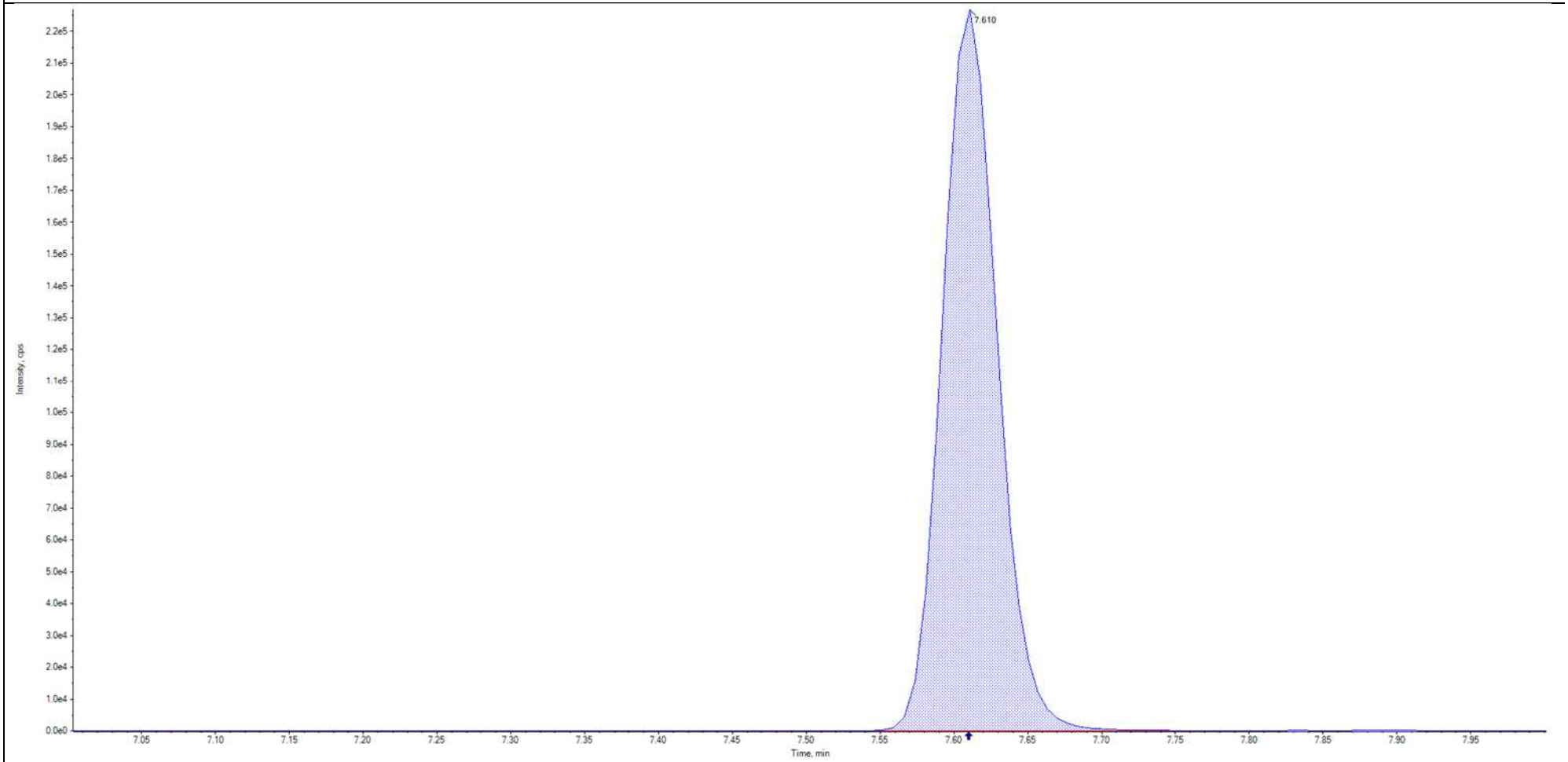
13C2-PFTeDA
Sample: IA1633STD-62.5



13C3-PFBS
Sample: IA1633STD-62.5

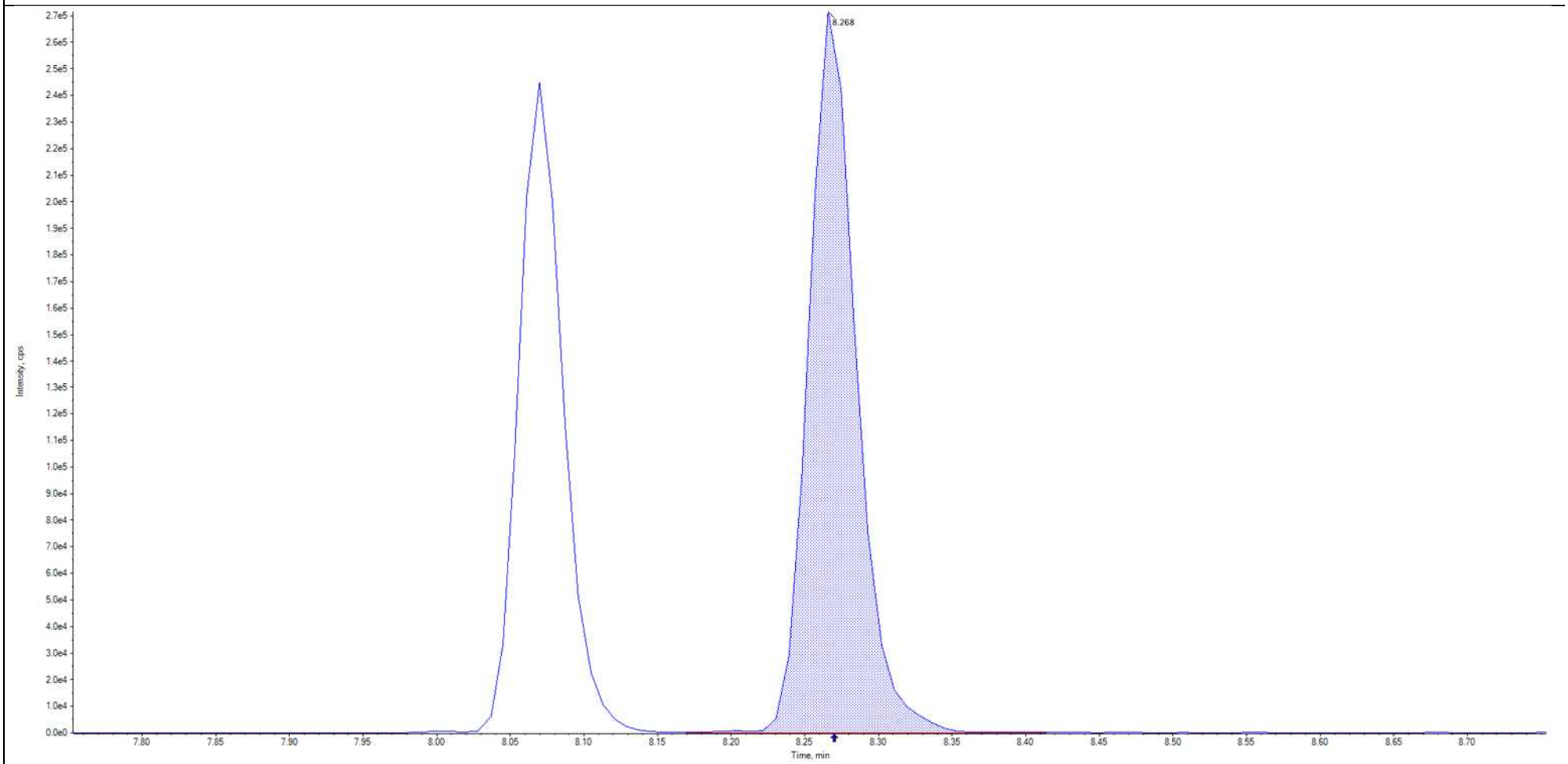


13C3-PFHxS
Sample: IA1633STD-62.5

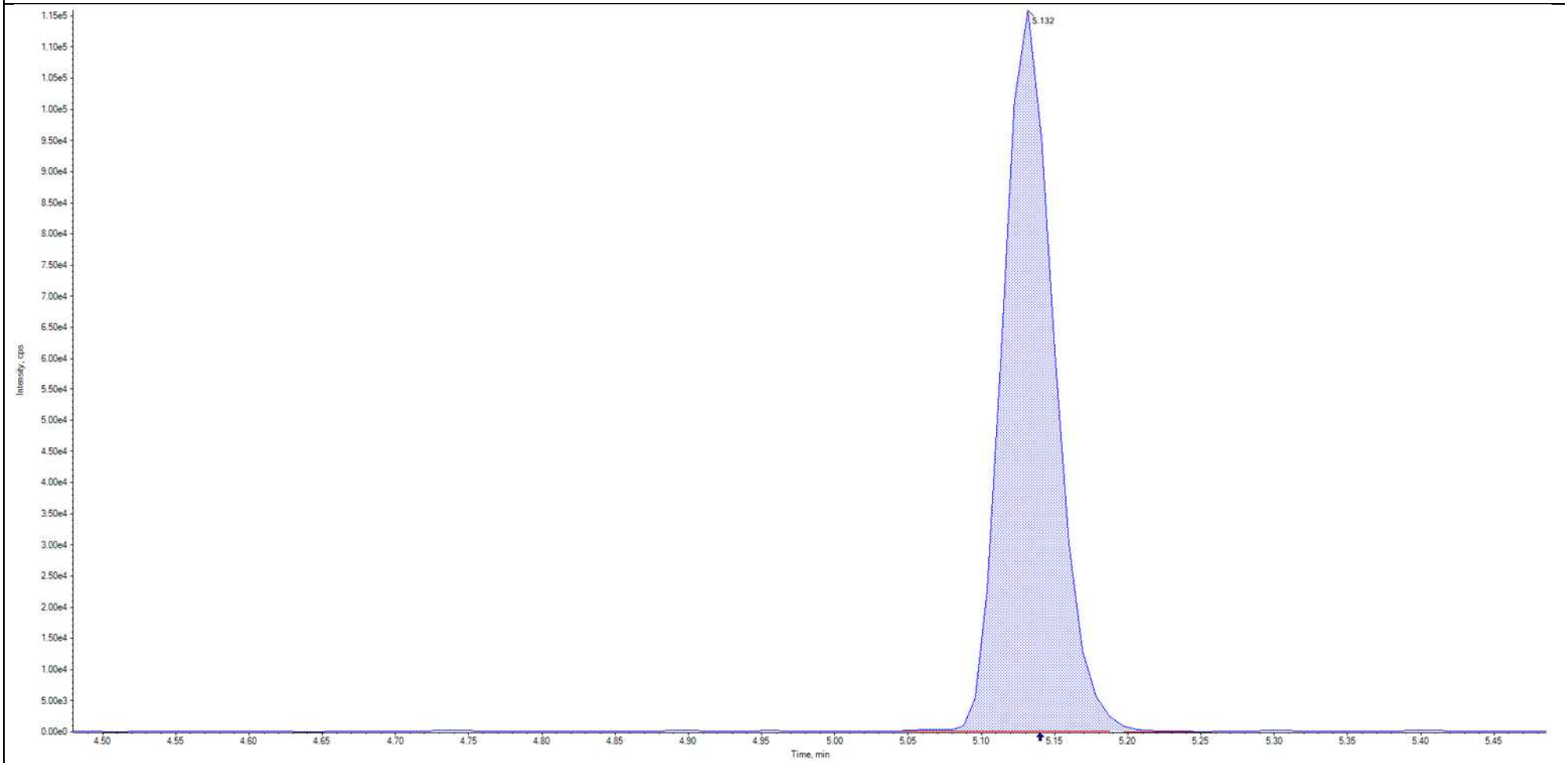


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 6:27:11 AM

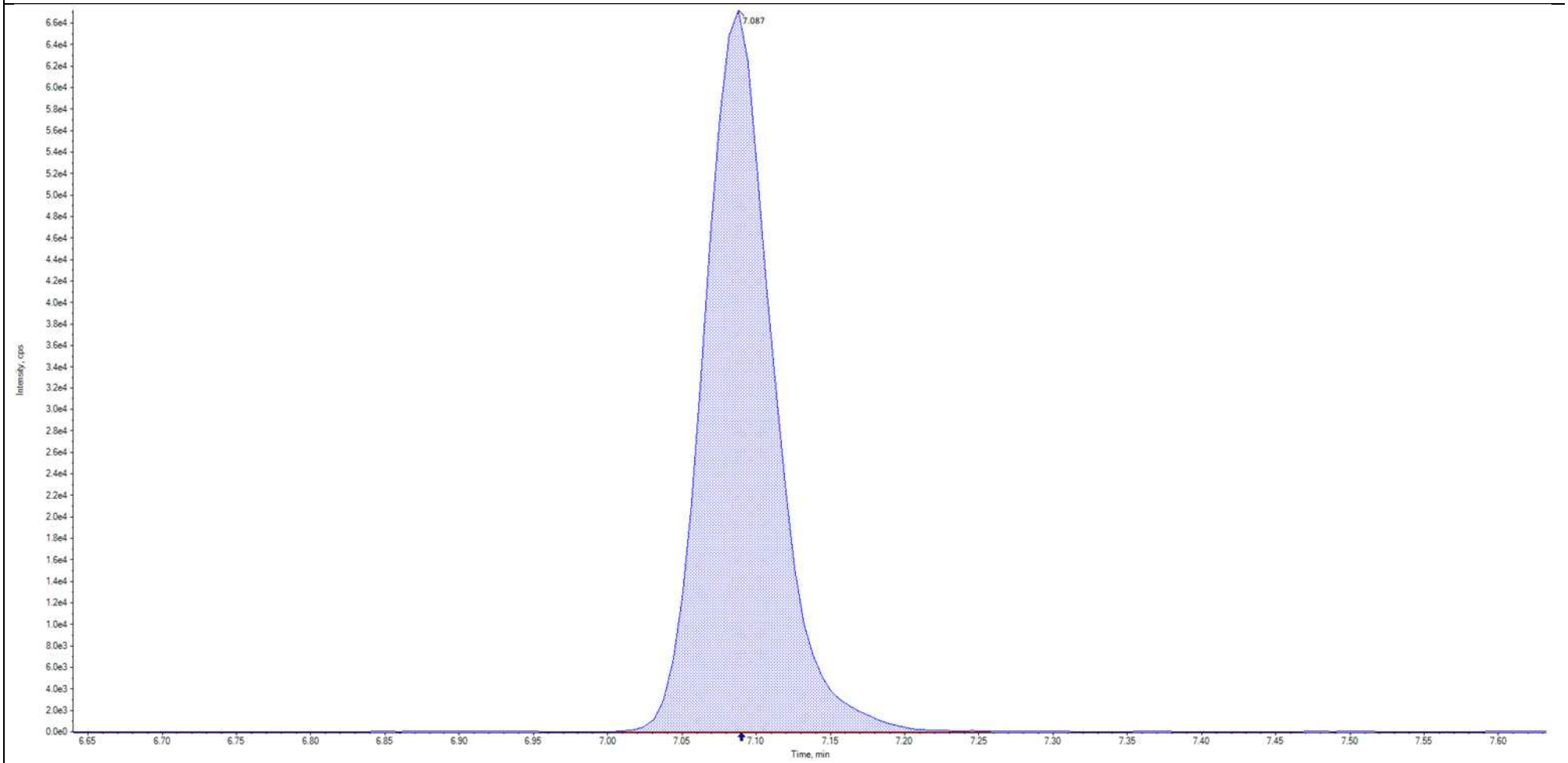
13C8-PFOS
Sample: IA1633STD-62.5



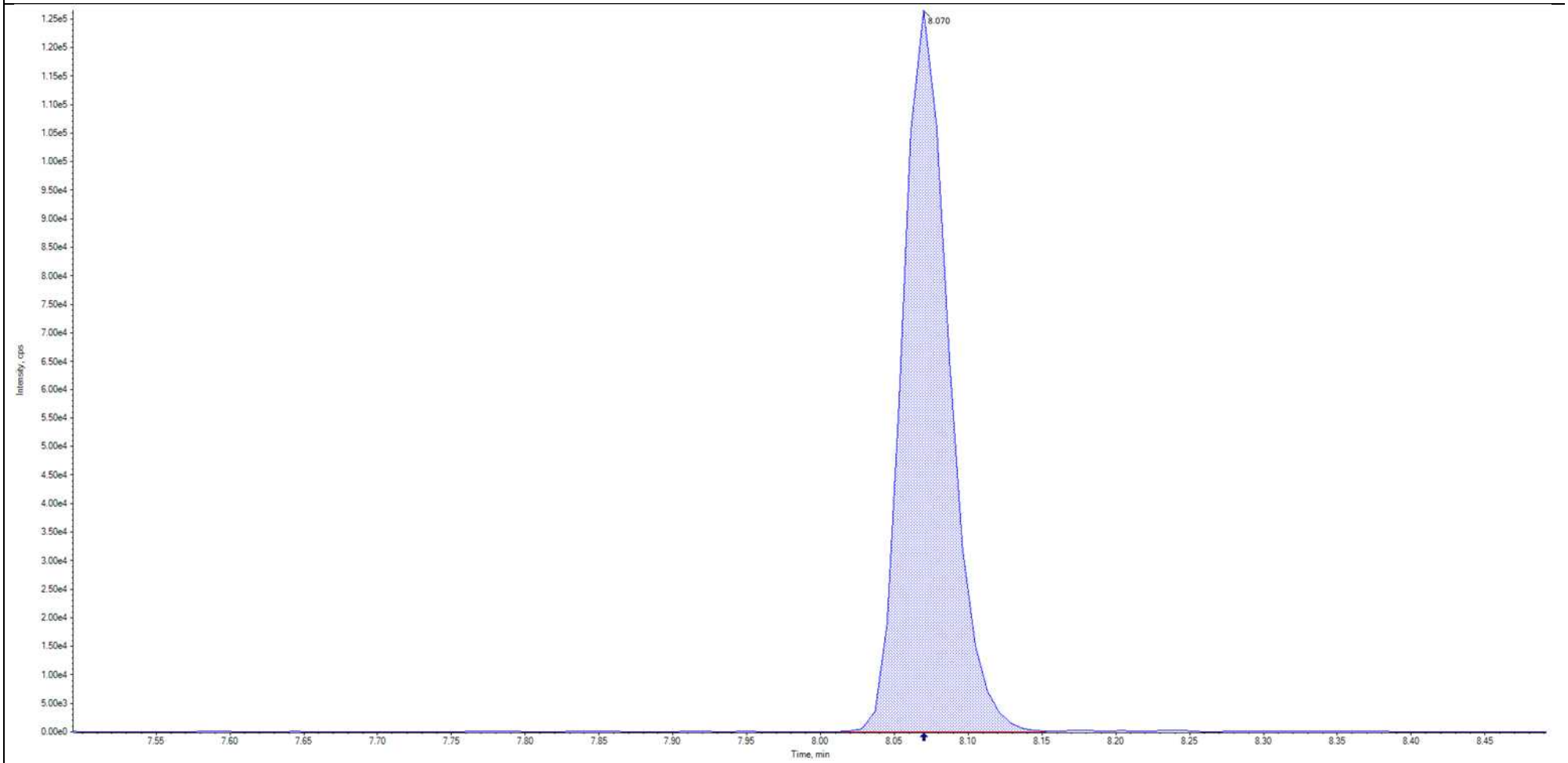
13C2-4:2FTS
Sample: IA1633STD-62.5



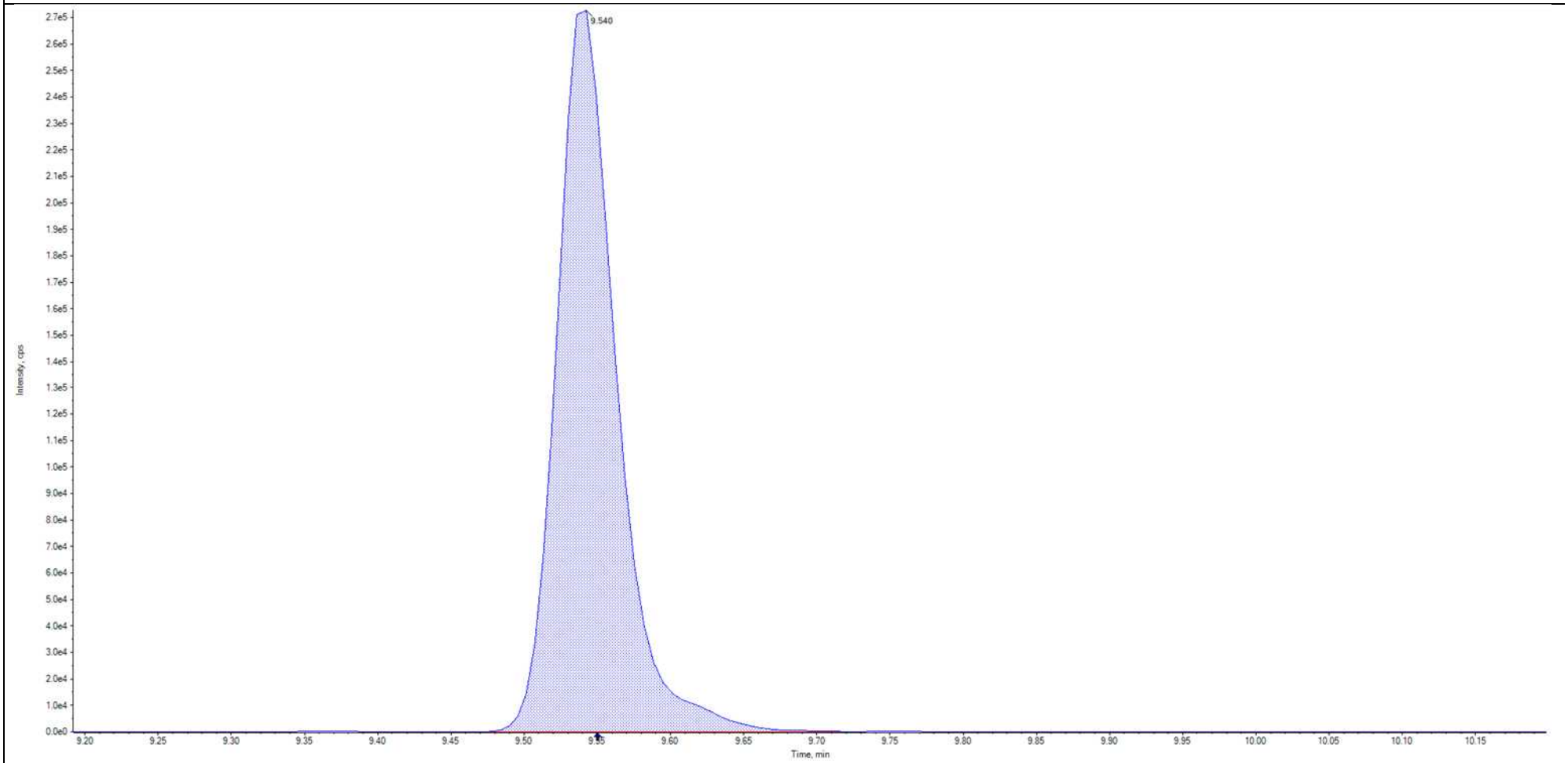
13C2-6:2FTS
Sample: IA1633STD-62.5



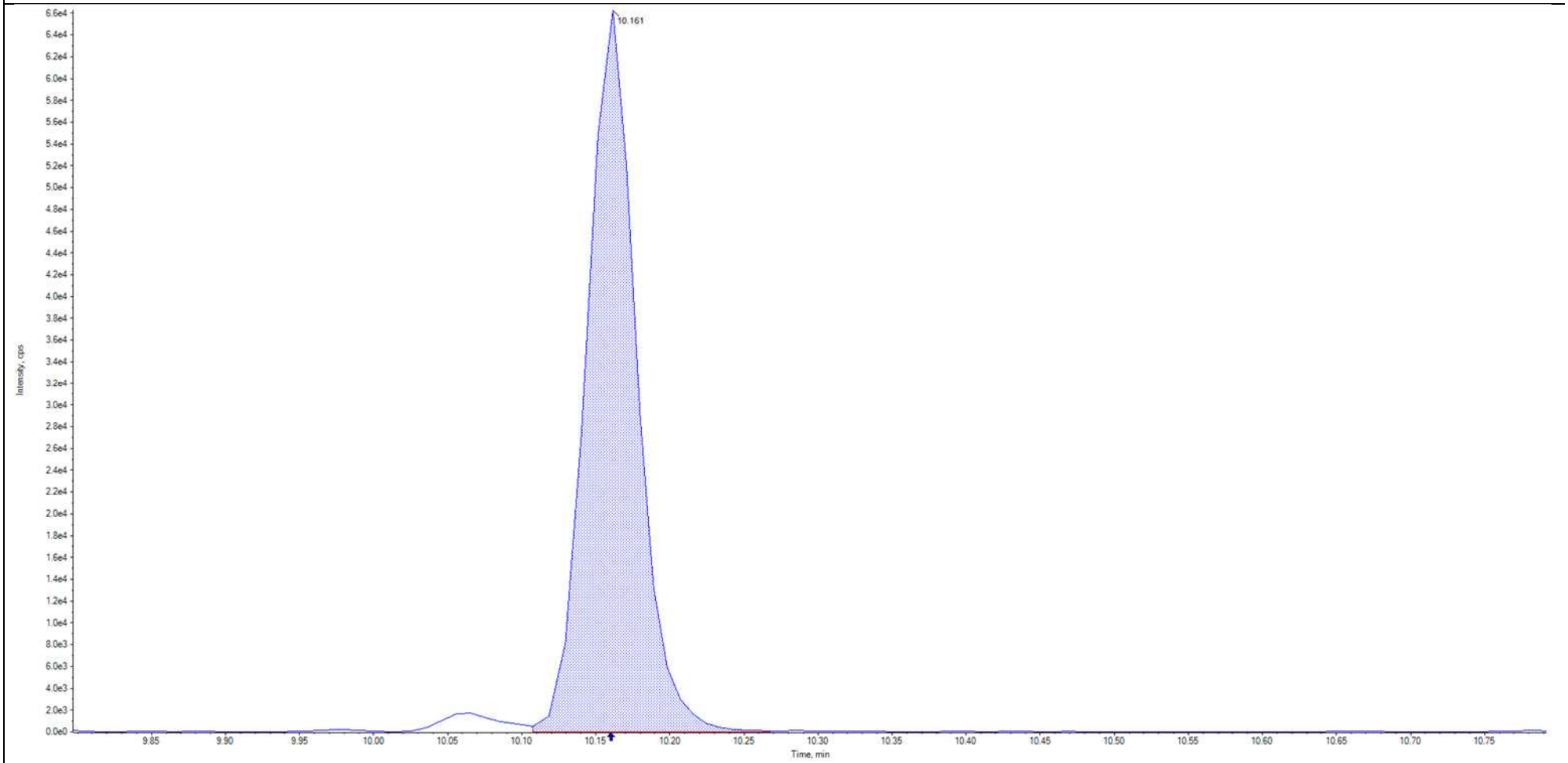
13C2-8:2FTS
Sample: IA1633STD-62.5



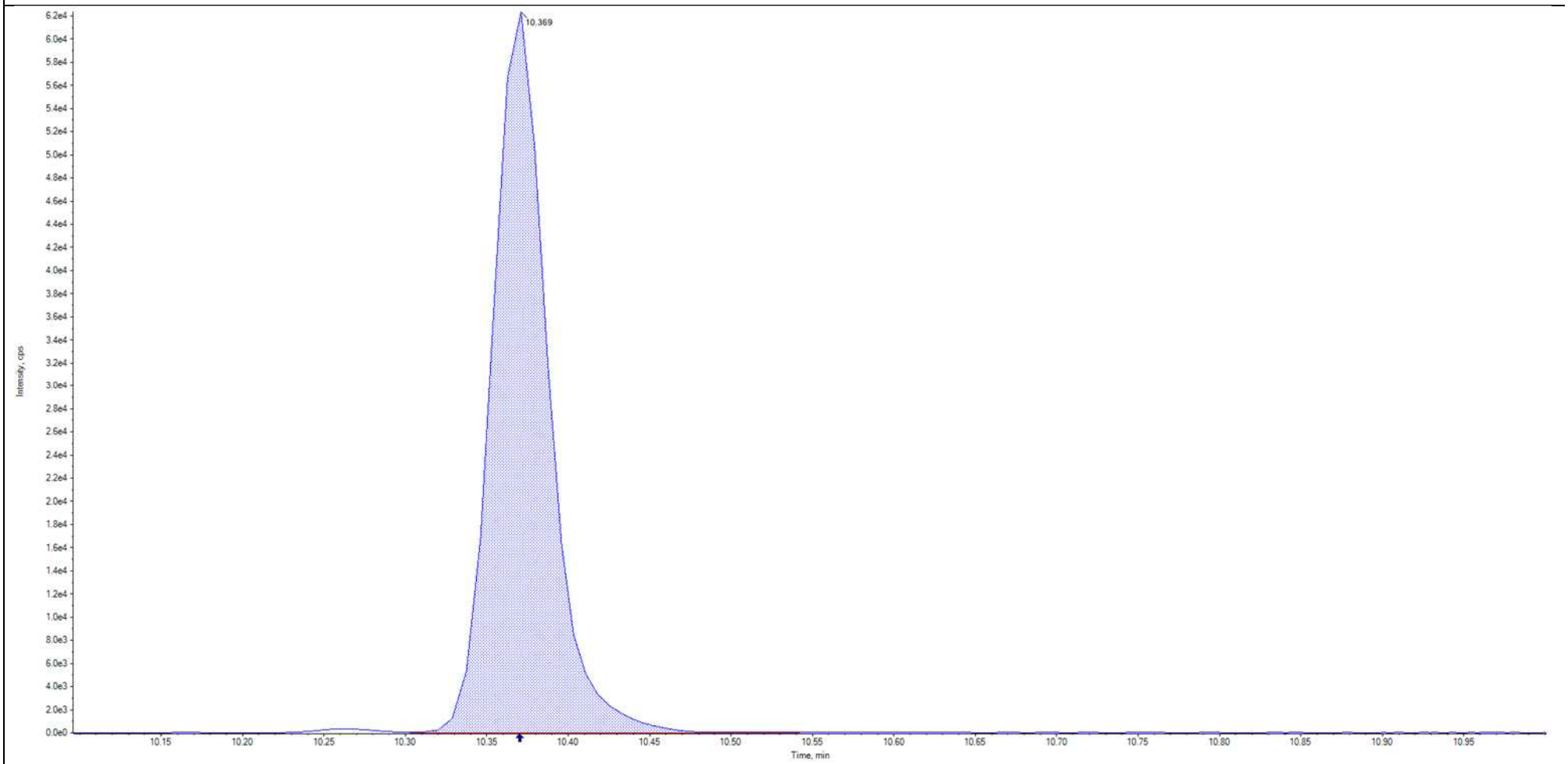
13C8-PFOSA
Sample: IA1633STD-62.5



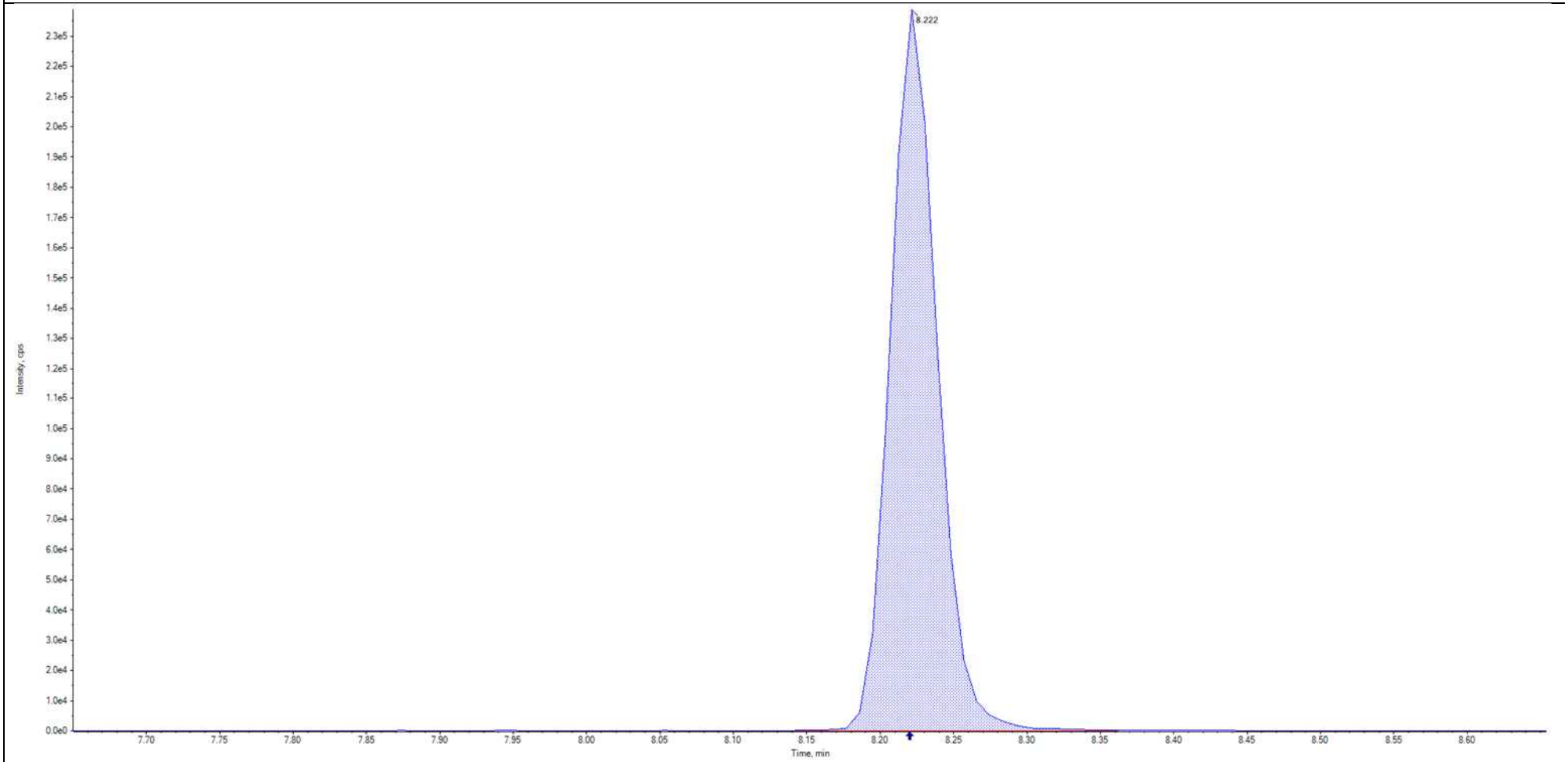
d3-NMeFOSA
Sample: IA1633STD-62.5



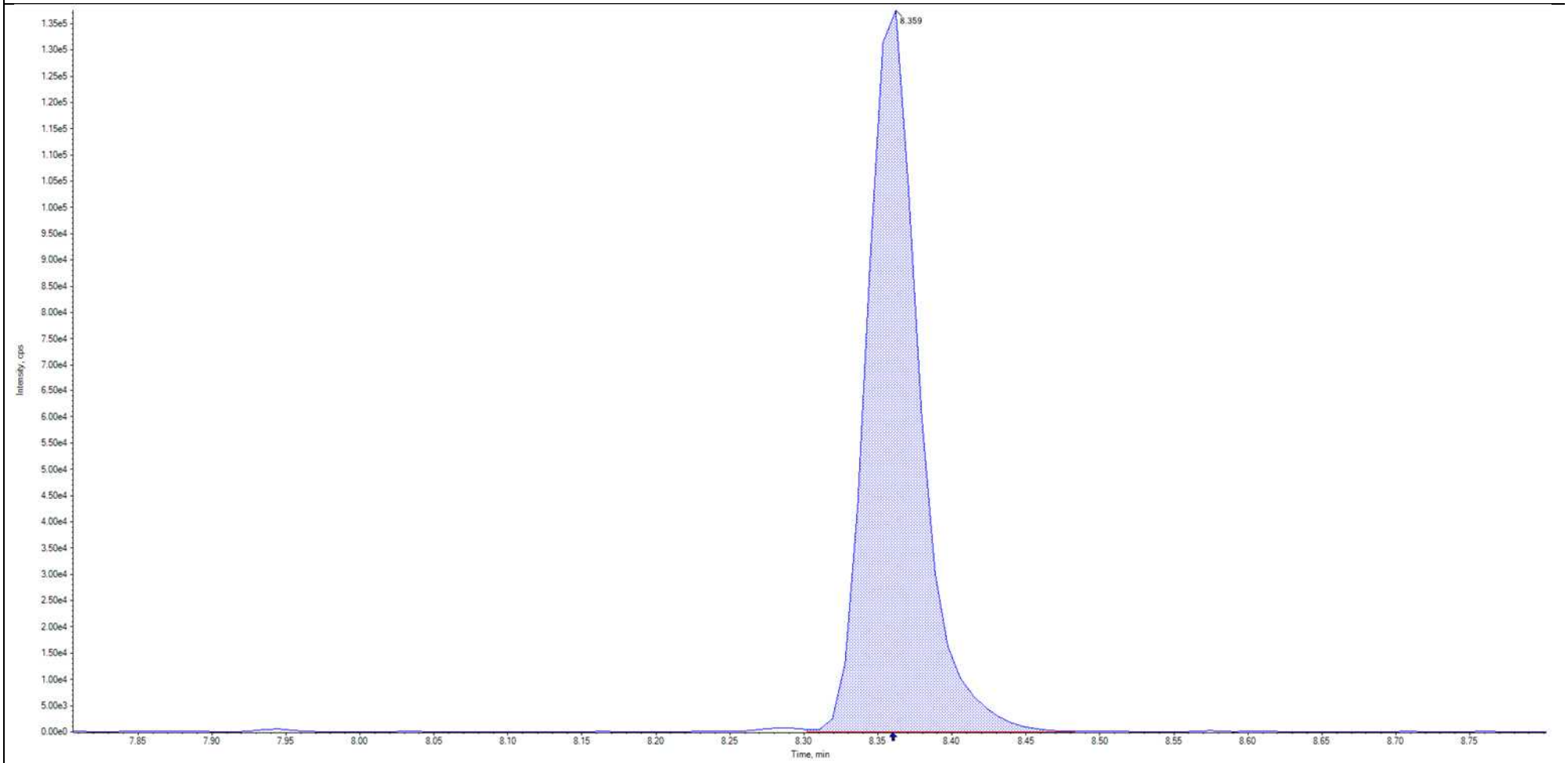
d5-NEtFOSA
Sample: IA1633STD-62.5



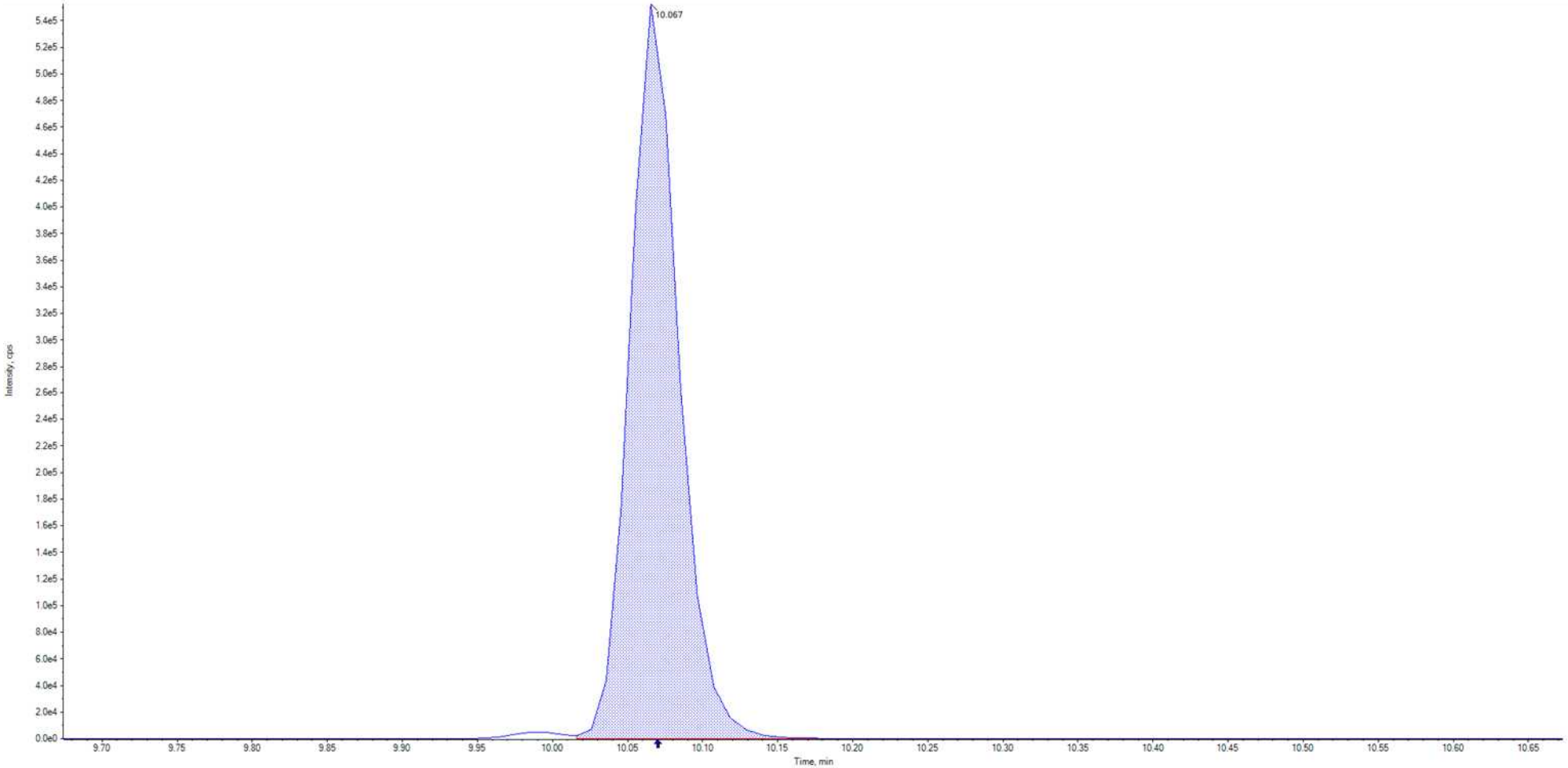
d3-NMeFOSAA
Sample: IA1633STD-62.5



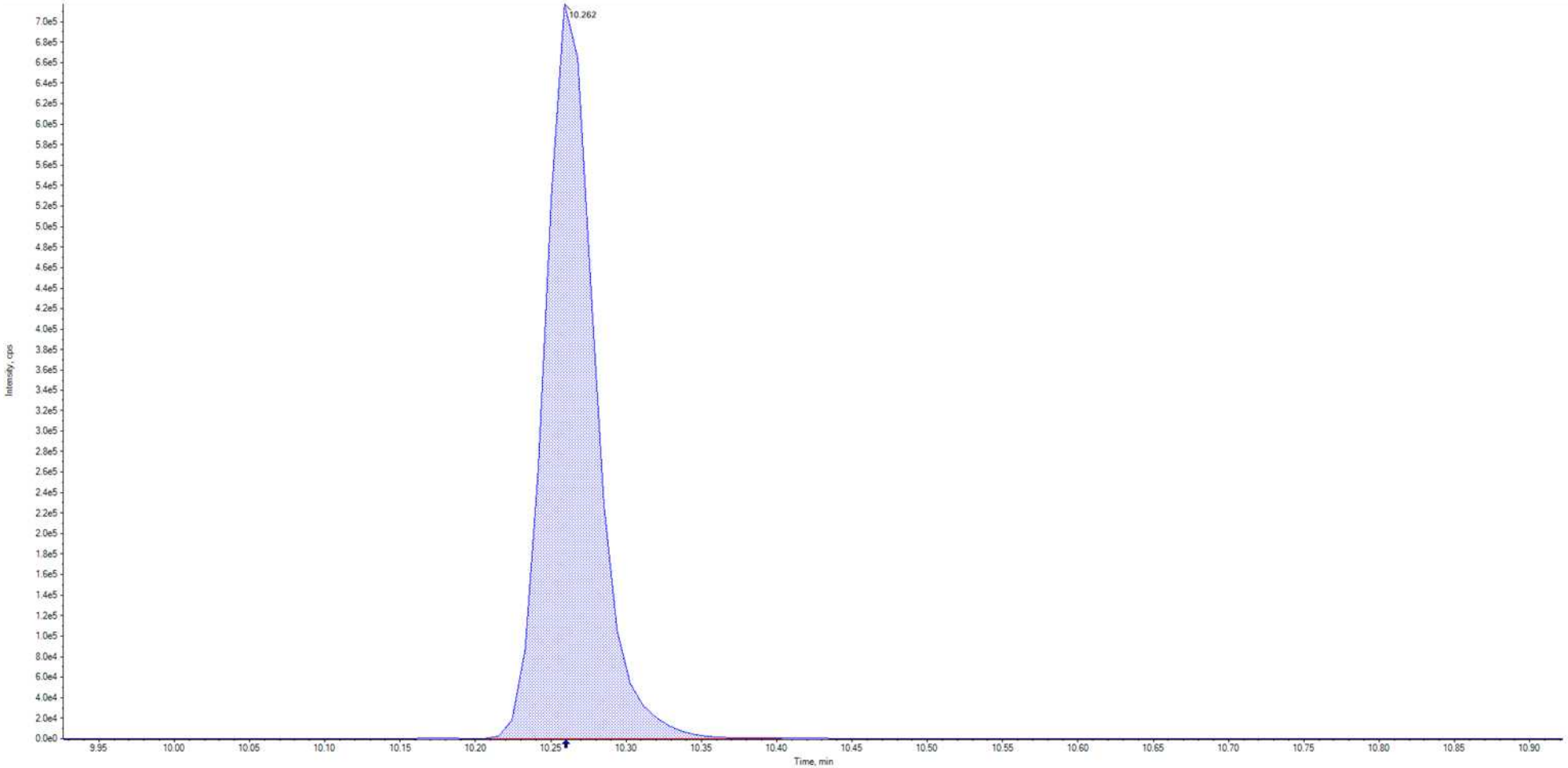
d5-NEtFOSAA
Sample: IA1633STD-62.5



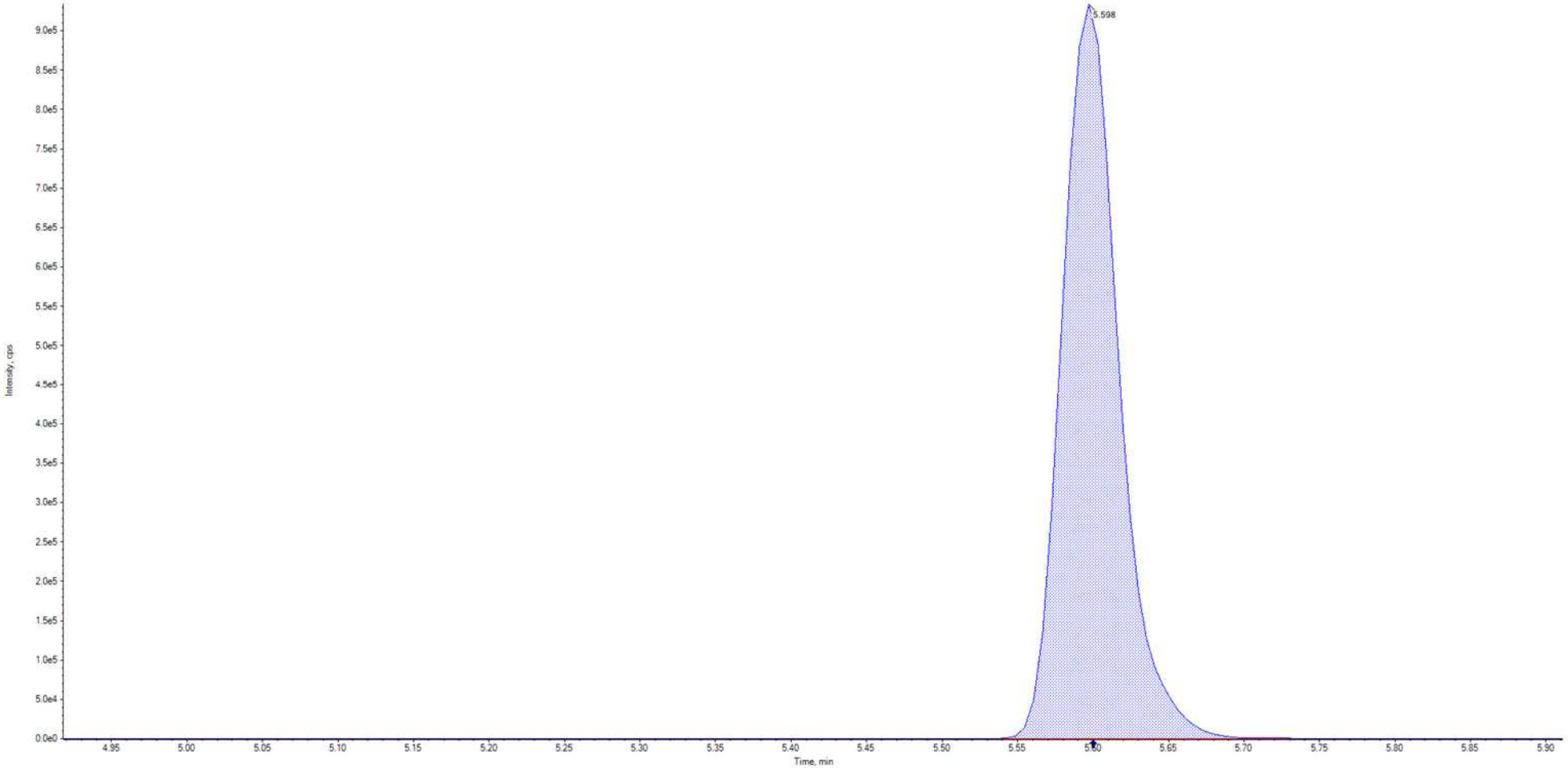
d7-NMeFOSE
Sample: IA1633STD-62.5



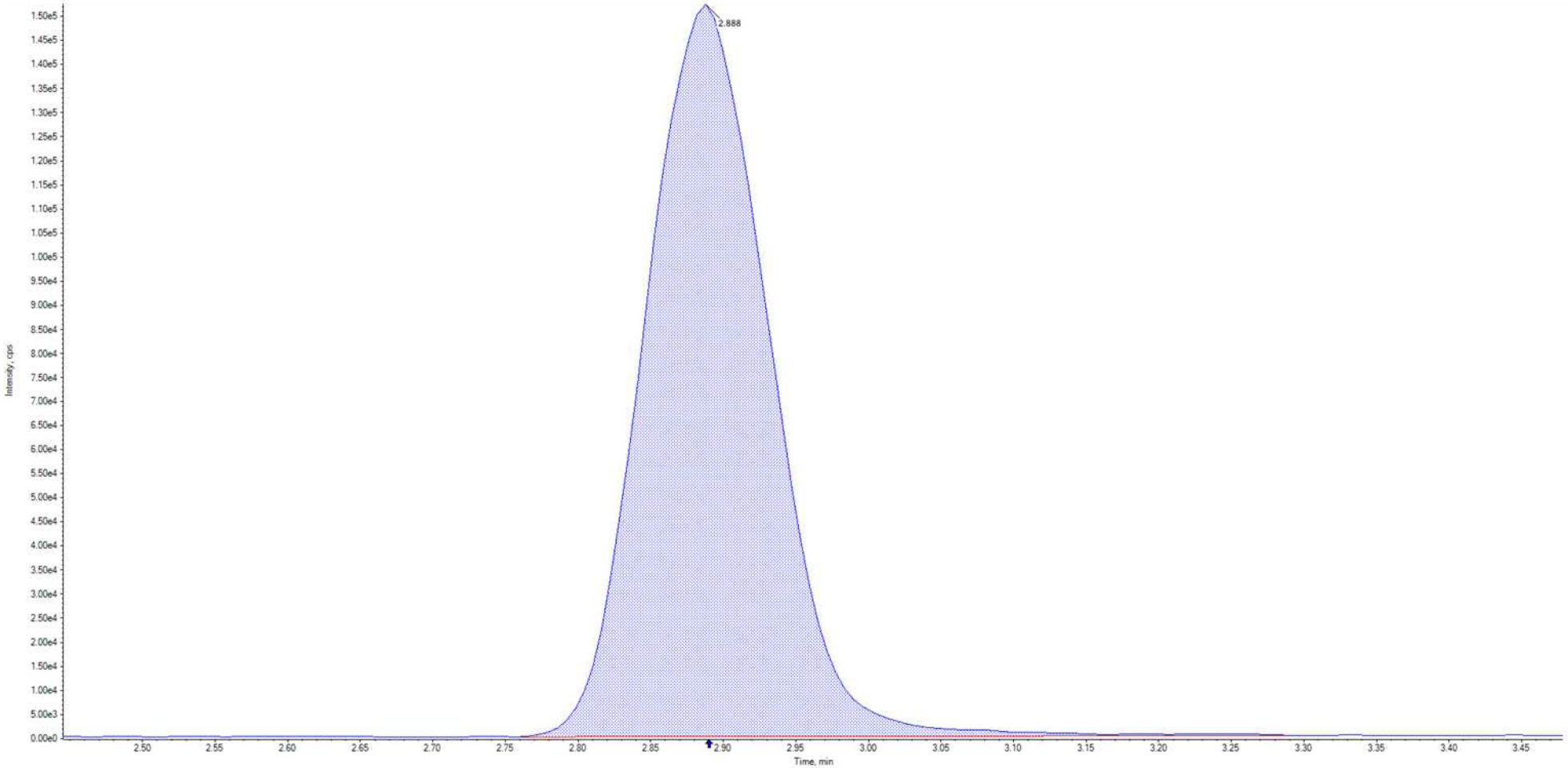
d9-NEtFOSE
Sample: IA1633STD-62.5



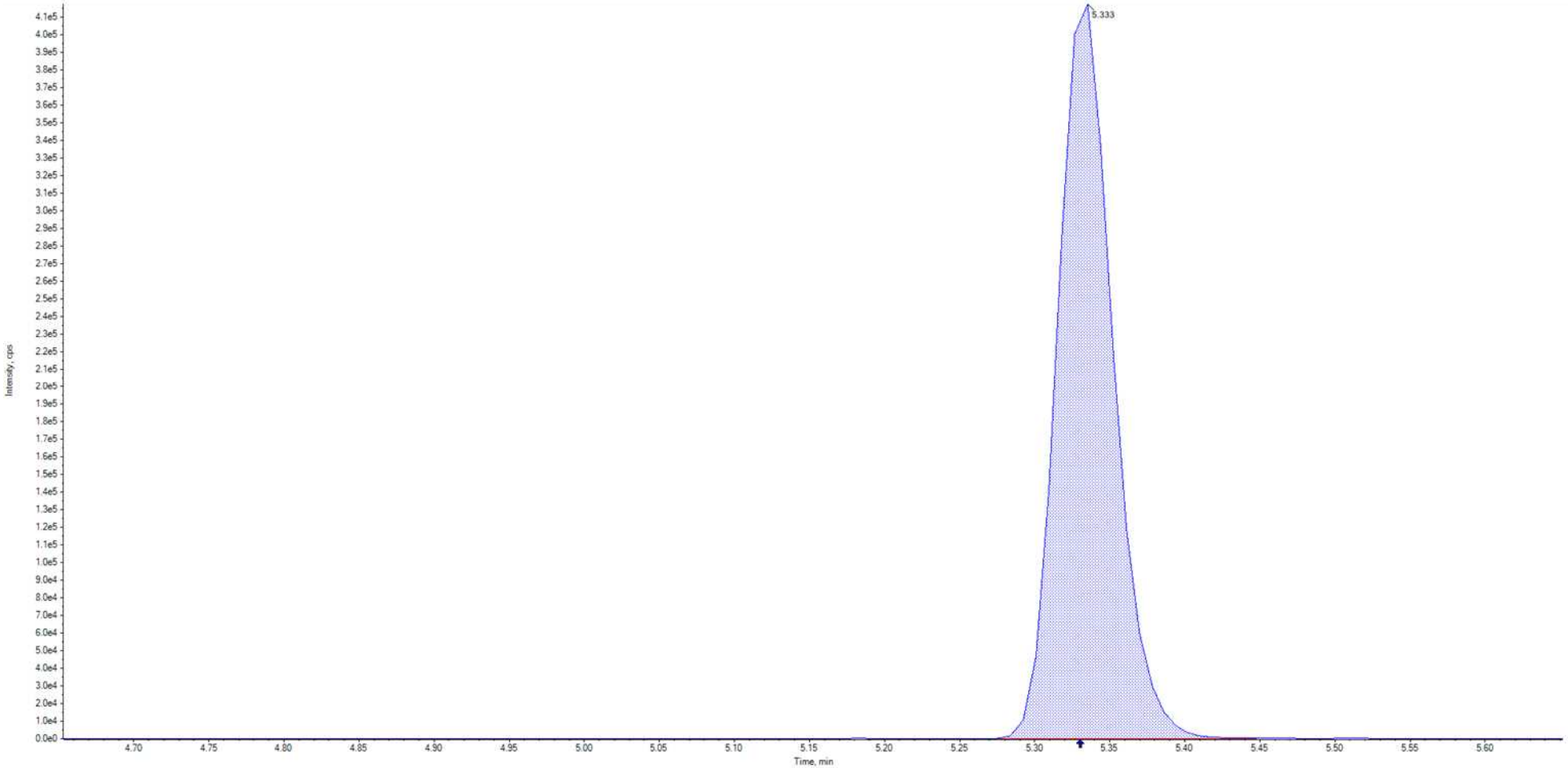
13C3-HFPO-DA
Sample: IA1633STD-62.5



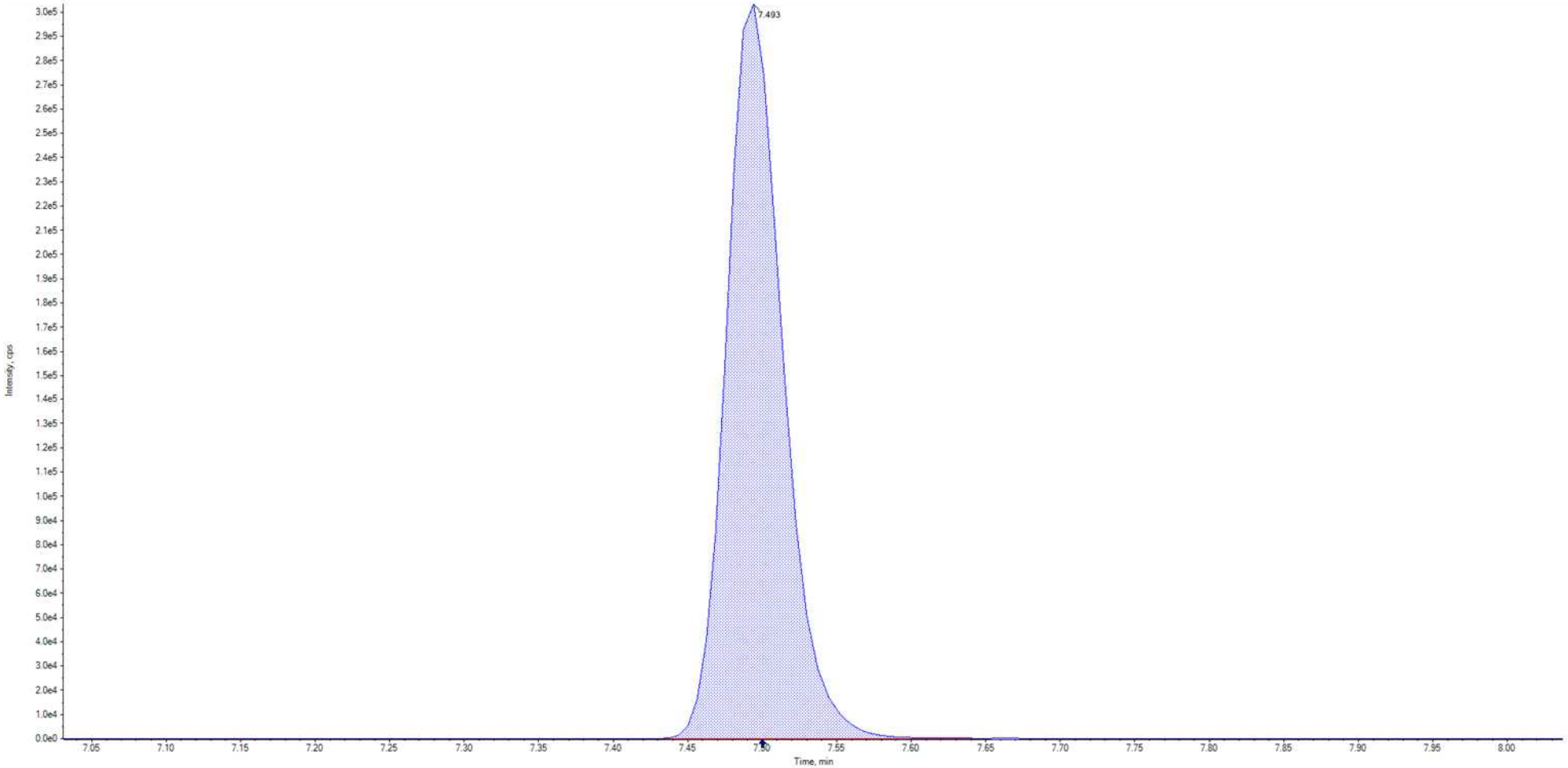
13C3-PFBA
Sample: IA1633STD-62.5



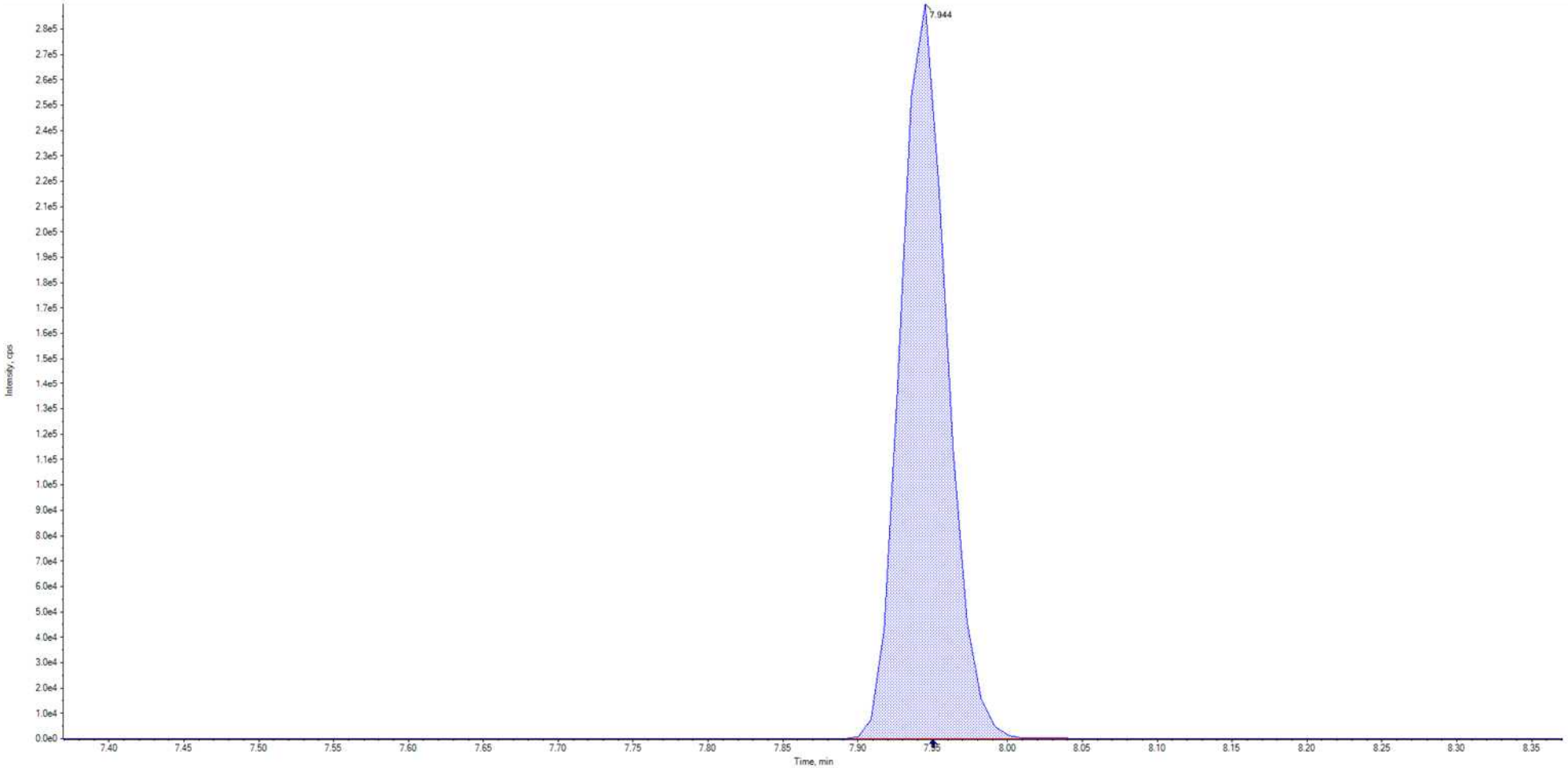
13C2-PFHxA
Sample: IA1633STD-62.5



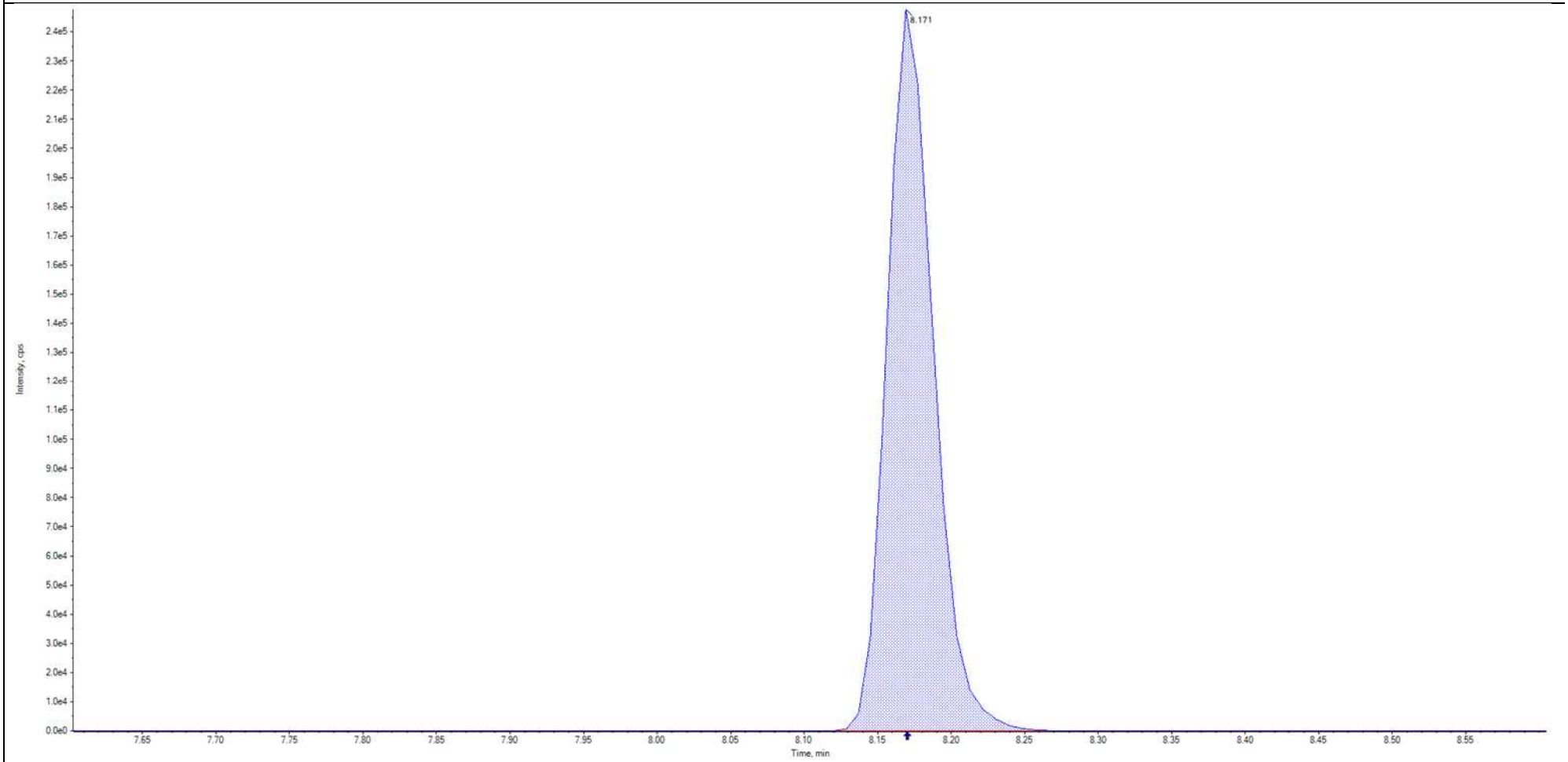
13C4-PFOA
Sample: IA1633STD-62.5



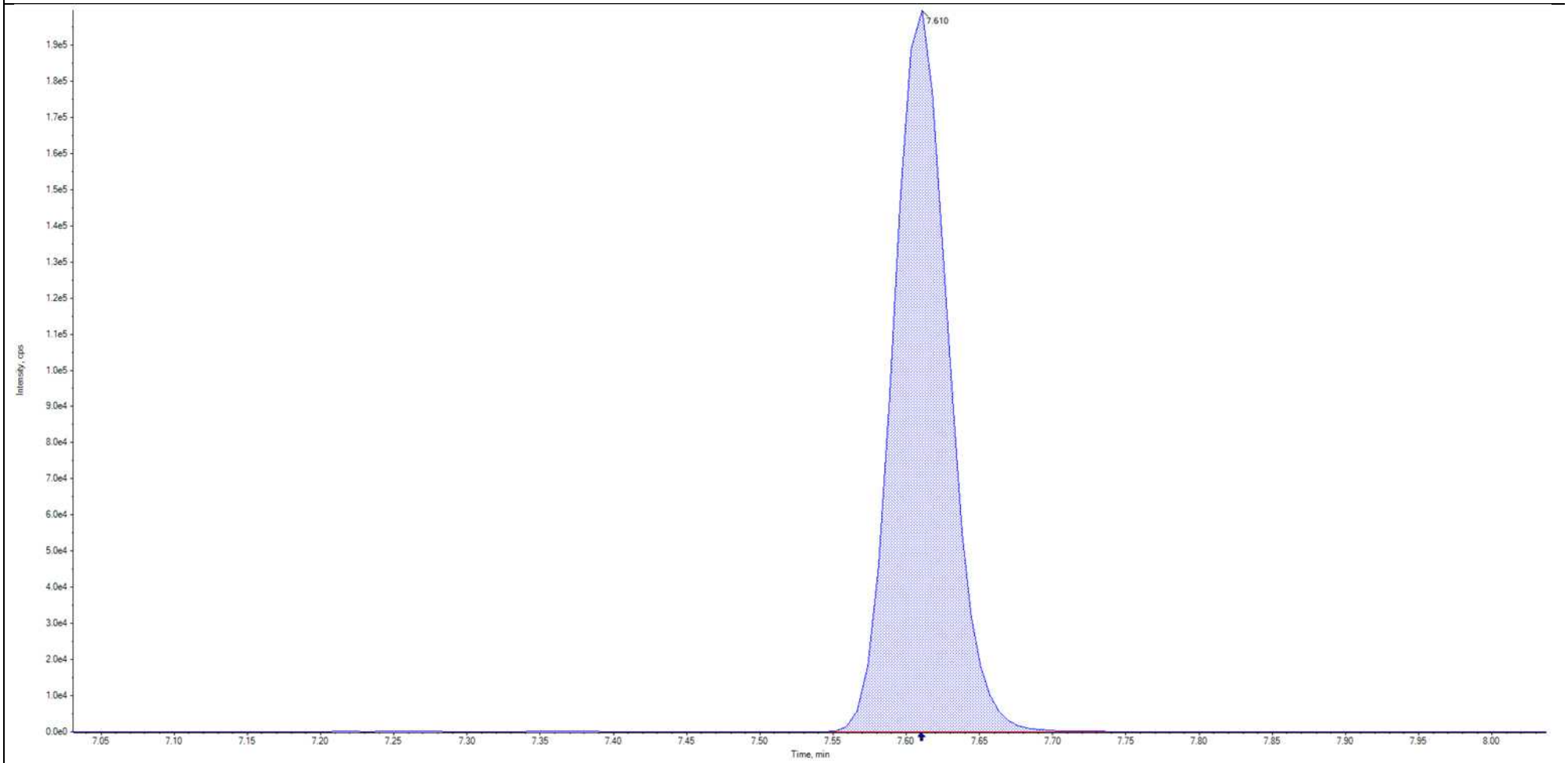
13C5-PFNA
Sample: IA1633STD-62.5



13C2-PFDA
Sample: IA1633STD-62.5

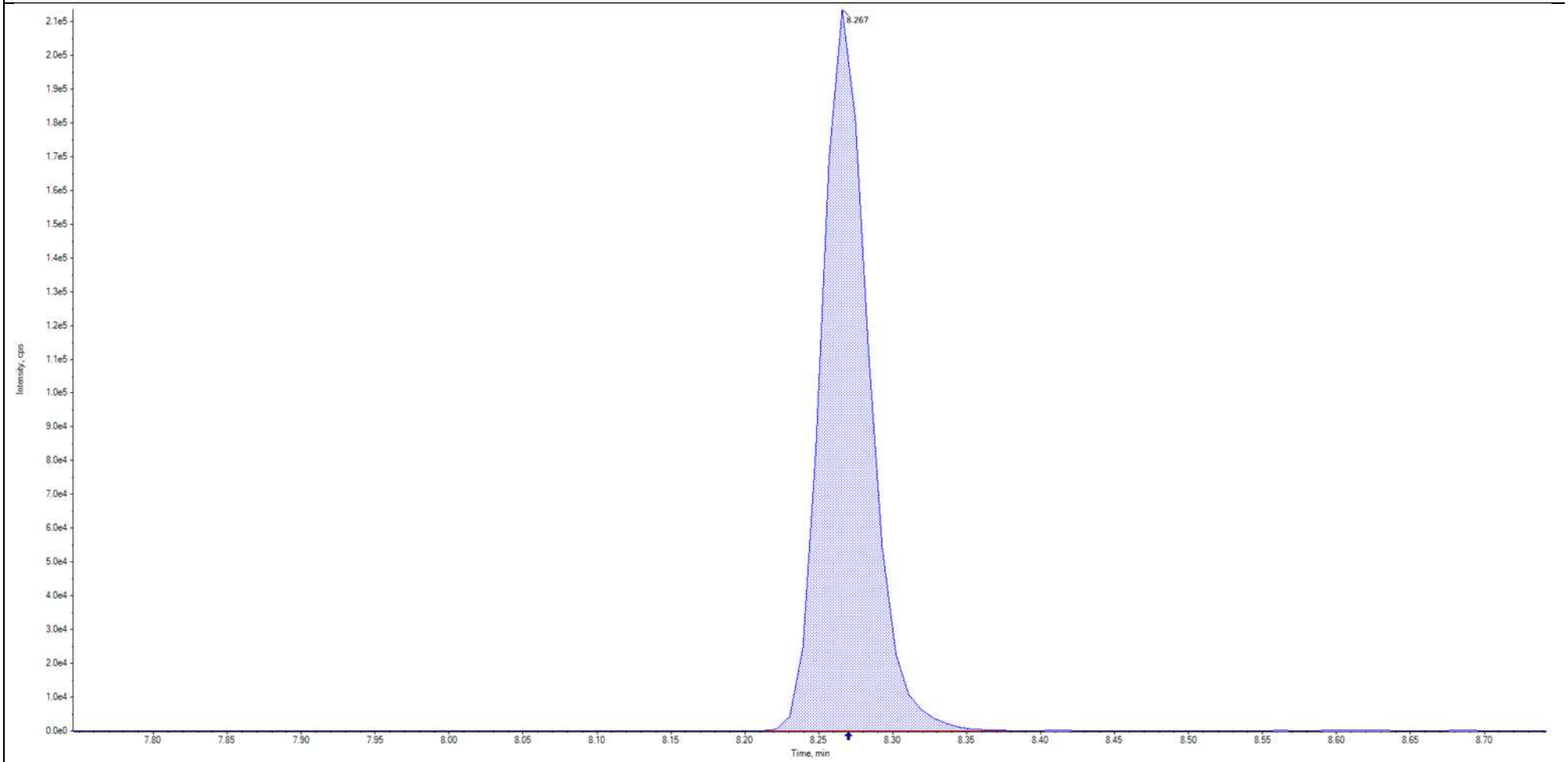


18O2-PFHxS
Sample: IA1633STD-62.5



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

13C4-PFOS
Sample: IA1633STD-62.5



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_79.wiff
Last Altered: 8/14/2024 10:41:29 AM
Generated: 8/14/2024 6:27:11 AM

Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: WG1958909-2,INSTBLANK
Name: SCI05_240813_80.wiff
Date & Time: 2024-08-13T23:45:02
Description: WG1958909
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	N/A	213.0 / 169.0	N/A		N/A	N/A	N/A	N/A	N/A
2	PFPeA	2706-90-3	N/A	263.0 / 219.0	N/A		N/A	N/A	0.007	N/A	N/A
3	PFPeA_2	2706-90-3	N/A	263.0 / 68.9	N/A		N/A	N/A	0.007	N/A	N/A
4	PFHxA	307-24-4	N/A	313.0 / 269.0	N/A		N/A	N/A	0.072	N/A	N/A
5	PFHxA_2	307-24-4	N/A	313.0 / 119.0	N/A		N/A	N/A	0.072	N/A	N/A
6	PFHpA	375-85-9	N/A	363.1 / 319.0	N/A		N/A	N/A	0.297	N/A	N/A
7	PFHpA_2	375-85-9	N/A	363.1 / 169.0	N/A		N/A	N/A	0.297	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	N/A	413.1 / 369.1	N/A		N/A	N/A	0.586	N/A	N/A
9	PFOA_2	335-67-1	N/A	413.1 / 169.0	N/A		N/A	N/A	0.586	N/A	N/A
10	PFNA	375-95-1	N/A	462.8 / 418.9	N/A		N/A	N/A	0.313	N/A	N/A
11	PFNA_2	375-95-1	N/A	462.8 / 218.9	N/A		N/A	N/A	0.313	N/A	N/A
12	PFDA	335-76-2	N/A	513.1 / 469.1	N/A		N/A	N/A	0.142	N/A	N/A
13	PFDA_2	335-76-2	N/A	513.1 / 219.0	N/A		N/A	N/A	0.142	N/A	N/A
14	PFUnA	2058-94-8	N/A	563.1 / 519.1	N/A		N/A	N/A	0.194	N/A	N/A
15	PFUnA_2	2058-94-8	N/A	563.1 / 269.0	N/A		N/A	N/A	0.194	N/A	N/A
16	PFDoA	307-55-1	N/A	613.1 / 569.1	N/A		N/A	N/A	0.167	N/A	N/A
17	PFDoA_2	307-55-1	N/A	613.1 / 319.0	N/A		N/A	N/A	0.167	N/A	N/A
18	PFTrDA	72629-94-8	9.49	663.1 / 619.1	6349		0.030	0.256	0.228	Pass	N/A
19	PFTrDA_2	72629-94-8	9.50	663.1 / 169.0	1624	M7	0.034	0.256	0.228	Pass	N/A
20	PFTeDA	376-06-7	9.90	713.1 / 669.1	21668	M4	0.063	0.157	0.137	Pass	N/A
21	PFTeDA_2	376-06-7	9.90	713.1 / 169.0	3400		0.072	0.157	0.137	Pass	N/A
22	PFBS	375-73-5	N/A	299.1 / 80.1	N/A		N/A	N/A	0.396	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	N/A	299.1 / 99.1	N/A		N/A	N/A	0.396	N/A	N/A
24	PFPeS	2706-91-4	N/A	349.1 / 80.1	N/A		N/A	N/A	0.299	N/A	N/A
25	PFPeS_2	2706-91-4	N/A	349.1 / 99.1	N/A		N/A	N/A	0.299	N/A	N/A
26	PFHxS	355-46-4	N/A	399.1 / 80.1	N/A		N/A	N/A	0.315	N/A	N/A
27	PFHxS_2	355-46-4	N/A	399.1 / 99.1	N/A		N/A	N/A	0.315	N/A	N/A
28	PFHpS	375-92-8	N/A	449.1 / 80.1	N/A		N/A	N/A	0.287	N/A	N/A
29	PFHpS_2	375-92-8	N/A	449.1 / 99.1	N/A		N/A	N/A	0.287	N/A	N/A
30	PFOS	1763-23-1	N/A	499.1 / 80.1	N/A		N/A	N/A	0.238	N/A	N/A
31	PFOS_2	1763-23-1	N/A	499.1 / 99.1	N/A		N/A	N/A	0.238	N/A	N/A
32	PFNS	68259-12-1	N/A	549.1 / 80.1	N/A		N/A	N/A	0.301	N/A	N/A
33	PFNS_2	68259-12-1	N/A	549.1 / 99.1	N/A		N/A	N/A	0.301	N/A	N/A
34	PFDS	335-77-3	N/A	599.1 / 80.1	N/A		N/A	N/A	0.275	N/A	N/A
35	PFDS_2	335-77-3	N/A	599.1 / 99.1	N/A		N/A	N/A	0.275	N/A	N/A
36	PFDoS	79780-39-5	N/A	699.2 / 80.1	N/A		N/A	N/A	0.274	N/A	N/A
37	PFDoS_2	79780-39-5	N/A	699.2 / 99.1	N/A		N/A	N/A	0.274	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.13	327.1 / 307.1	21946		0.189	0.600	0.516	Pass	N/A
39	4:2FTS_2	757124-72-4	5.13	327.1 / 81.1	13162		0.212	0.600	0.516	Pass	N/A
40	6:2FTS	27619-97-2	N/A	427.2 / 407.2	N/A		N/A	N/A	0.565	N/A	N/A
41	6:2FTS_2	27619-97-2	N/A	427.2 / 81.1	N/A		N/A	N/A	0.565	N/A	N/A
42	8:2FTS	39108-34-4	N/A	527.2 / 507.2	N/A		N/A	N/A	0.662	N/A	N/A
43	8:2FTS_2	39108-34-4	N/A	527.2 / 81.1	N/A		N/A	N/A	0.662	N/A	N/A
44	PFOSA	754-91-6	N/A	498.1 / 78.1	N/A		N/A	N/A	0.025	N/A	N/A
45	PFOSA_2	754-91-6	N/A	498.1 / 478.0	N/A		N/A	N/A	0.025	N/A	N/A
46	NMeFOSA	31506-32-8	N/A	512.2 / 219.0	N/A		N/A	N/A	1.551	N/A	N/A
47	NMeFOSA_2	31506-32-8	N/A	512.2 / 169.0	N/A		N/A	N/A	1.551	N/A	N/A
48	NEtFOSA	4151-50-2	N/A	526.2 / 219.0	N/A		N/A	N/A	1.285	N/A	N/A
49	NEtFOSA_2	4151-50-2	N/A	526.2 / 169.0	N/A		N/A	N/A	1.285	N/A	N/A
50	NMeFOSAA	2355-31-9	8.22	570.2 / 419.1	9989	M4	0.122	0.612	0.700	Pass	N/A
51	NMeFOSAA_2	2355-31-9	8.22	570.2 / 483.0	6119	M7	0.117	0.612	0.700	Pass	N/A
52	NEtFOSAA	2991-50-6	8.36	584.2 / 419.1	12334		0.188	0.476	0.487	Pass	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.37	584.2 / 526.2	5875	M7	0.195	0.476	0.487	Pass	N/A
54	NMeFOSE	24448-09-7	10.07	616.1 / 58.9	41408	M5	0.379	N/A	N/A	N/A	N/A
55	NEtFOSE	1691-99-2	10.27	630.0 / 58.9	75268	M5	0.371	N/A	N/A	N/A	N/A
56	HFPO-DA	13252-13-6	N/A	285.0 / 169.0	N/A		N/A	N/A	0.464	N/A	N/A
57	HFPO-DA_2	13252-13-6	N/A	285.0 / 184.9	N/A		N/A	N/A	0.464	N/A	N/A
58	ADONA	919005-14-4	N/A	377.1 / 251.0	N/A		N/A	N/A	0.634	N/A	N/A
59	ADONA_2	919005-14-4	N/A	377.1 / 84.8	N/A		N/A	N/A	0.634	N/A	N/A
60	9Cl-PF3ONS	756426-58-1	N/A	530.8 / 351.1	N/A		N/A	N/A	0.322	N/A	N/A
61	9Cl-PF3ONS_2	756426-58-1	N/A	532.8 / 353.0	N/A		N/A	N/A	0.322	N/A	N/A
62	11Cl-PF3OUdS	763051-92-9	N/A	630.9 / 451.0	N/A		N/A	N/A	0.331	N/A	N/A
63	11Cl-PF3OUdS_2	763051-92-9	N/A	632.9 / 452.9	N/A		N/A	N/A	0.331	N/A	N/A
64	3:3FTCA	356-02-5	N/A	241.1 / 177.1	N/A		N/A	N/A	1.074	N/A	N/A
65	3:3FTCA_2	356-02-5	N/A	241.1 / 117.0	N/A		N/A	N/A	1.074	N/A	N/A
66	5:3FTCA	914637-49-3	7.16	341.1 / 237.1	12241		0.143	0.711	0.953	Pass	N/A
67	5:3FTCA_2	914637-49-3	7.15	341.1 / 217.0	8706	M7	0.108	0.711	0.953	Pass	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.21	441.1 / 316.9	111677		1.173	1.795	1.558	Pass	N/A
69	7:3FTCA_2	812-70-4	8.20	441.1 / 337.1	200446	M7	1.451	1.795	1.558	Pass	N/A
70	PFEESA	113507-82-7	N/A	315.1 / 135.0	N/A		N/A	N/A	0.087	N/A	N/A
71	PFEESA_2	113507-82-7	N/A	315.1 / 82.9	N/A		N/A	N/A	0.087	N/A	N/A
72	PFMPA	377-73-1	N/A	229.0 / 85.0	N/A		N/A	N/A	N/A	N/A	N/A
73	PFMBA	863090-89-5	N/A	279.0 / 85.0	N/A		N/A	N/A	N/A	N/A	N/A
74	NFDHA	151772-58-6	N/A	295.0 / 201.0	N/A		N/A	N/A	0.910	N/A	N/A
75	NFDHA_2	151772-58-6	N/A	295.0 / 84.9	N/A		N/A	N/A	0.910	N/A	N/A
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.12	333.2 / 312.1	877243		5.051	N/A	N/A	N/A	N/A
79	13C2-PFOA	Surr	7.49	415.0 / 370.0	3166284		2.661	N/A	N/A	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2447124		10.262	NA	NA	NA	102.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1615830		5.645	NA	NA	NA	112.9
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	966894		2.571	NA	NA	NA	102.9
	13C4-PFHpA	EIS	6.24	367.0 / 322.0	973772		2.587	NA	NA	NA	103.5
	13C8-PFOA	EIS	7.49	421.0 / 376.0	1433742		2.668	NA	NA	NA	106.7
	13C9-PFNA	EIS	7.94	472.0 / 427.0	704347		1.334	NA	NA	NA	106.8
	13C6-PFDA	EIS	8.17	519.0 / 474.0	641968		1.230	NA	NA	NA	98.4
	13C7-PFUnA	EIS	8.46	570.0 / 525.0	540761		1.280	NA	NA	NA	102.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.89	615.1 / 570.0	347084		1.263	NA	NA	NA	101.0
	13C2-PFTeDA	EIS	9.90	715.1 / 670.1	344626		1.155	NA	NA	NA	92.4
	13C3-PFBS	EIS	5.31	302.1 / 80.1	786899		2.432	NA	NA	NA	104.4
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	629576		2.450	NA	NA	NA	103.4
	13C8-PFOS	EIS	8.26	507.1 / 80.1	684125		2.478	NA	NA	NA	103.5
	13C2-4:2FTS	EIS	5.13	329.1 / 81.1	277969		4.814	NA	NA	NA	102.6
	13C2-6:2FTS	EIS	7.08	429.2 / 81.1	192934		4.559	NA	NA	NA	95.9
	13C2-8:2FTS	EIS	8.06	529.2 / 81.1	322603		5.209	NA	NA	NA	108.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	962182		2.622	NA	NA	NA	104.9
	d3-NMeFOSA	EIS	10.15	515.2 / 219.0	156834		2.539	NA	NA	NA	101.6
	d5-NEtFOSA	EIS	10.36	531.2 / 219.0	149880		2.484	NA	NA	NA	99.3
	d3-NMeFOSAA	EIS	8.21	573.2 / 419.1	624650		4.473	NA	NA	NA	89.5
	d5-NEtFOSAA	EIS	8.35	589.3 / 419.1	351423		4.788	NA	NA	NA	95.8
	d7-NMeFOSE	EIS	10.06	623.2 / 58.9	1105881		23.181	NA	NA	NA	92.7
	d9-NEtFOSE	EIS	10.25	639.2 / 58.9	1729004		24.582	NA	NA	NA	98.3

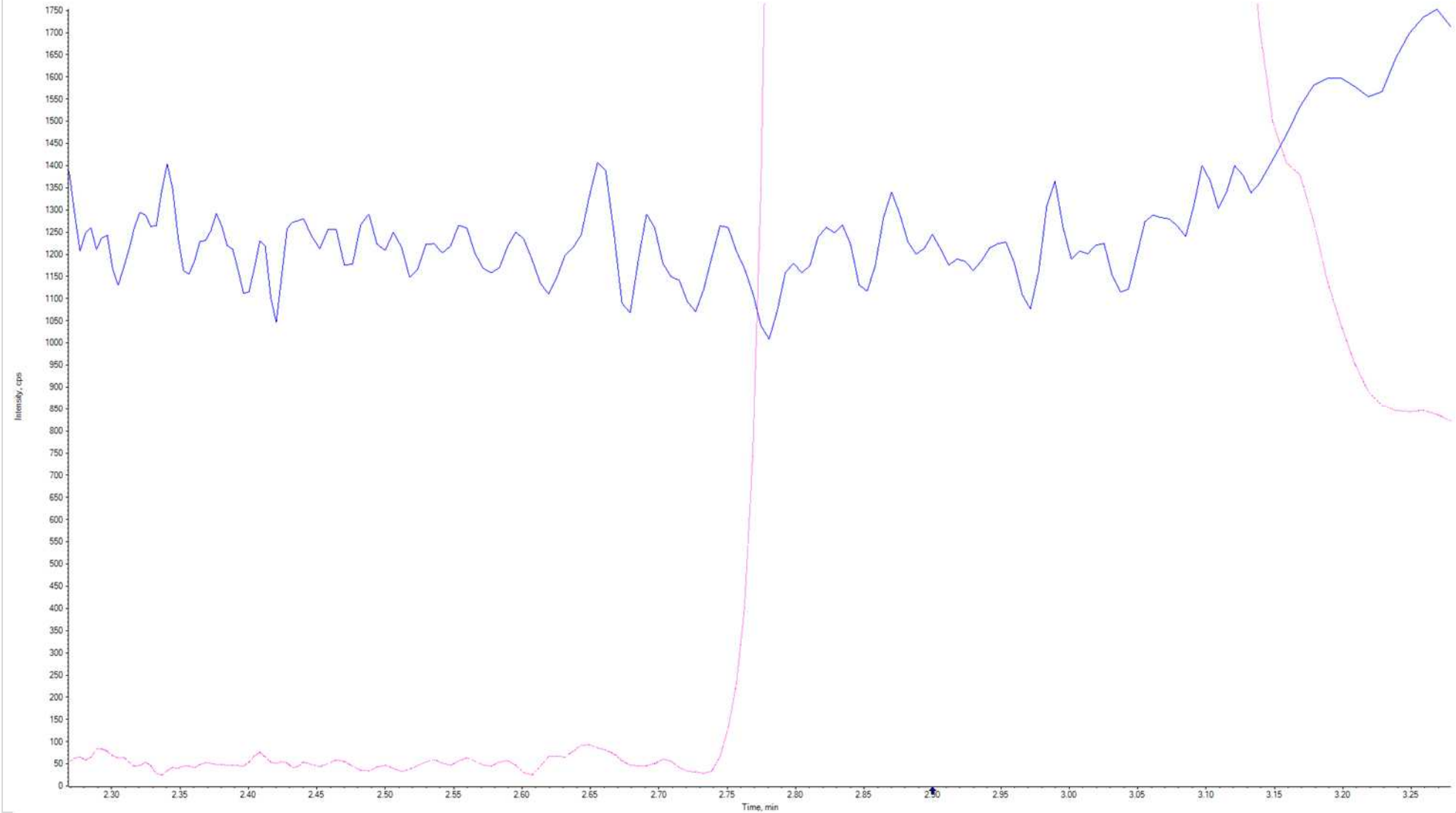
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.59	287.0 / 169.0	2621805		10.521	NA	NA	NA	105.2
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1043142		4.879	NA	NA	NA	97.6
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1116476		2.280	NA	NA	NA	91.2
	13C4-PFOA	NIS	7.49	417.0 / 372.0	703013		2.246	NA	NA	NA	89.8
	13C5-PFNA	NIS	7.94	468.0 / 423.0	643048		1.174	NA	NA	NA	93.9
	13C2-PFDA	NIS	8.16	515.1 / 470.1	613358		1.197	NA	NA	NA	95.8
	18O2-PFHxS	NIS	7.60	403.1 / 84.1	522354		2.230	NA	NA	NA	94.1
	13C4-PFOS	NIS	8.26	503.1 / 80.1	488274		2.319	NA	NA	NA	96.8

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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

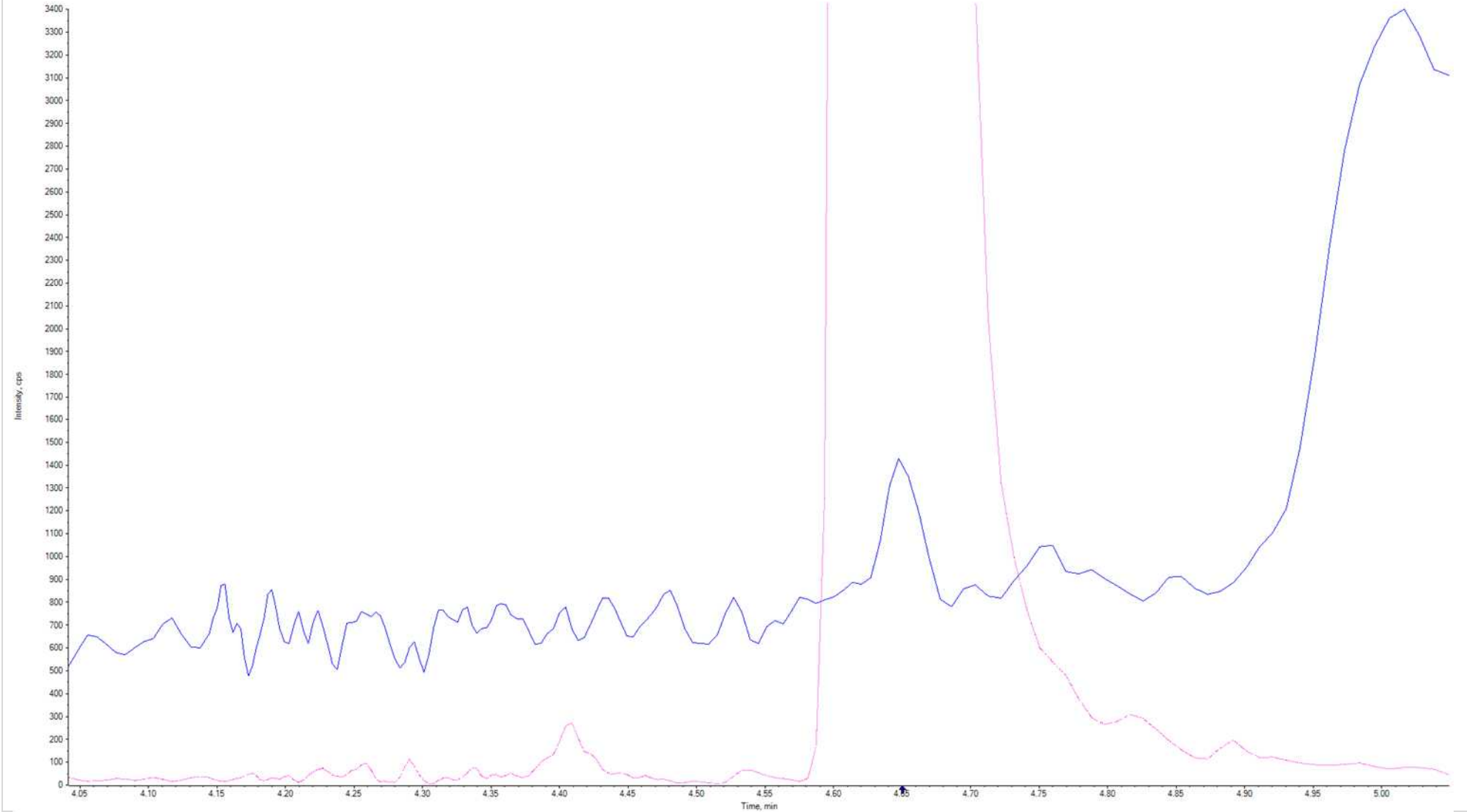
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PFBA
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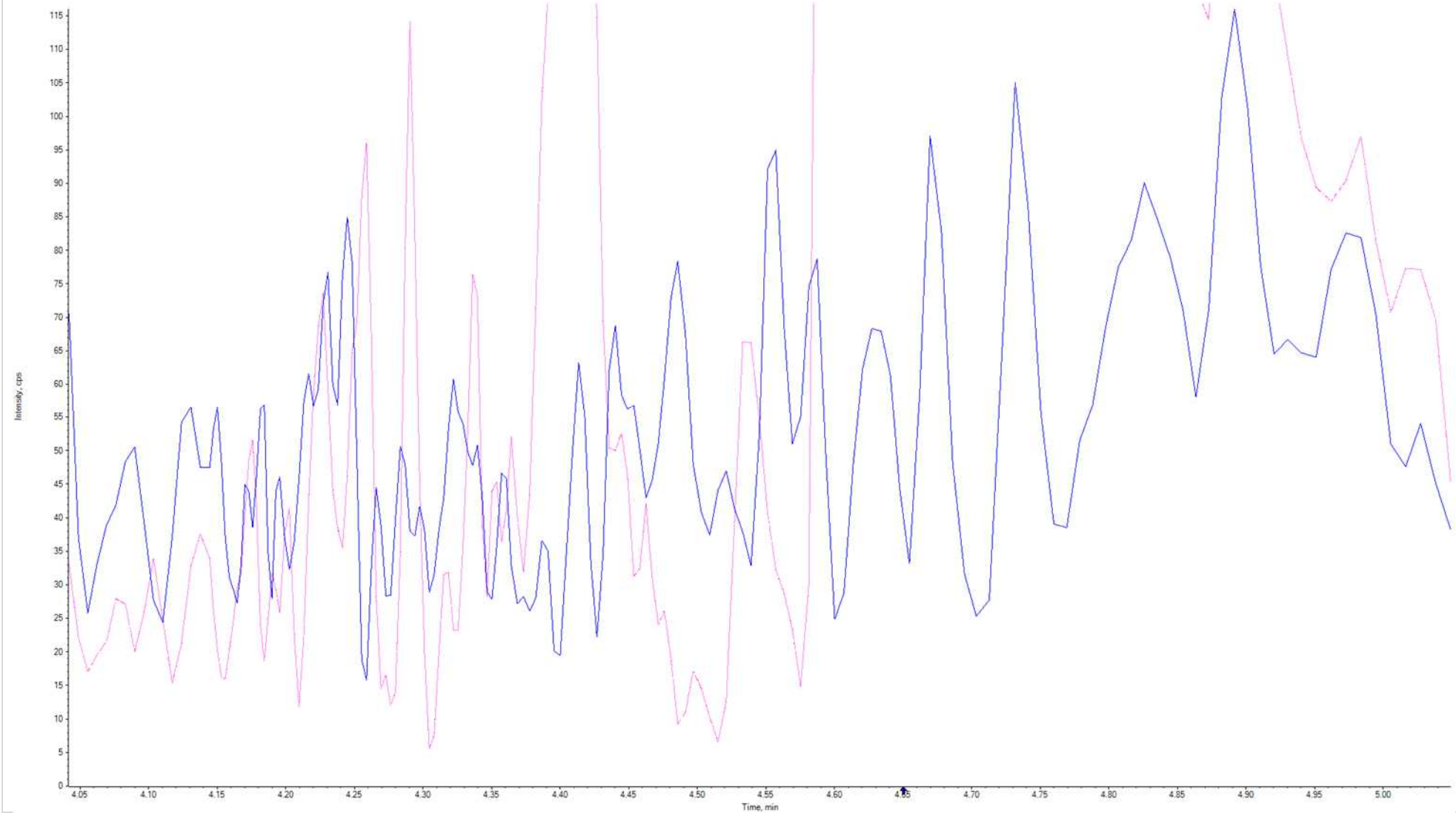
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PFPeA
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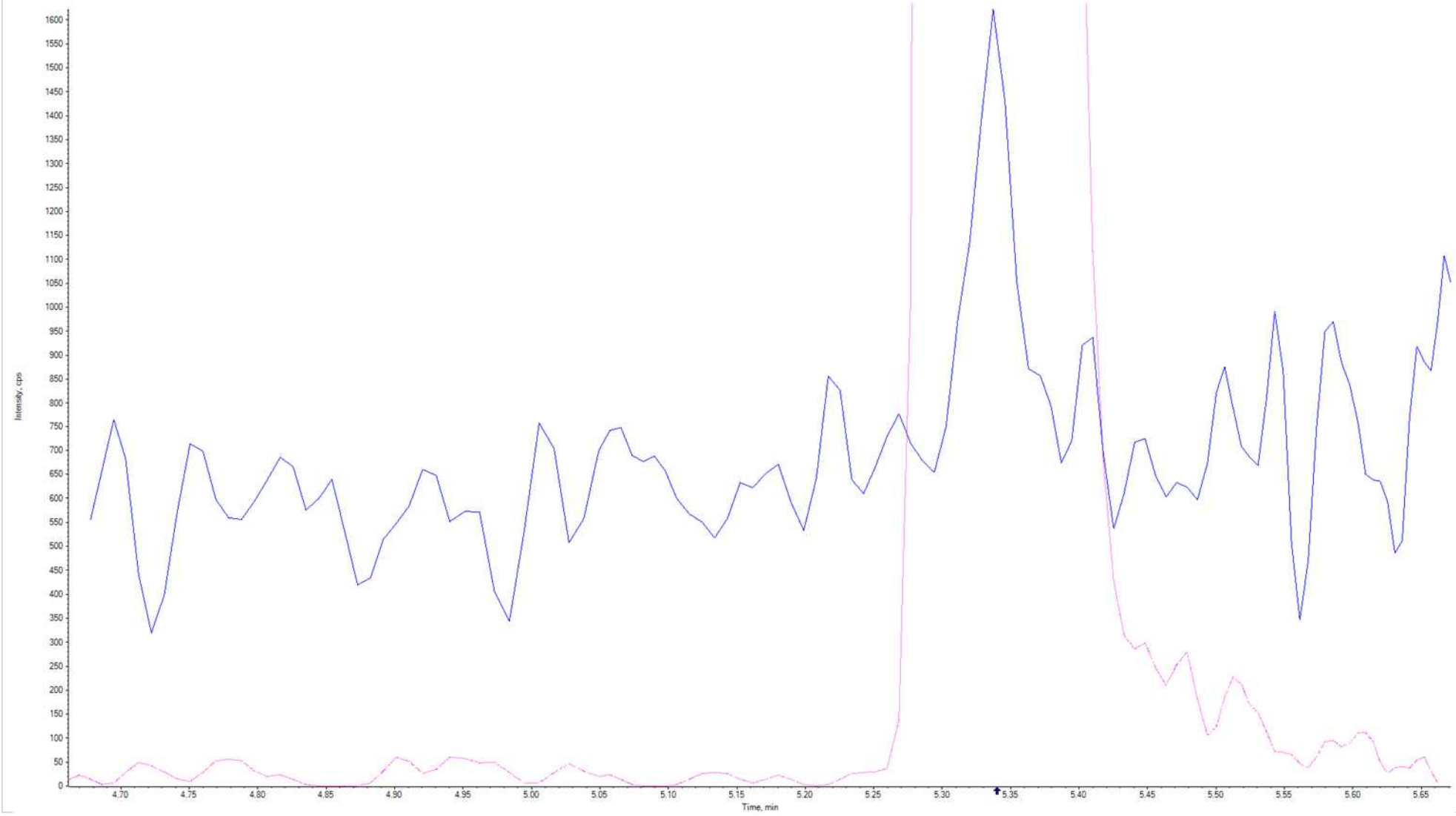
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PFPeA_2
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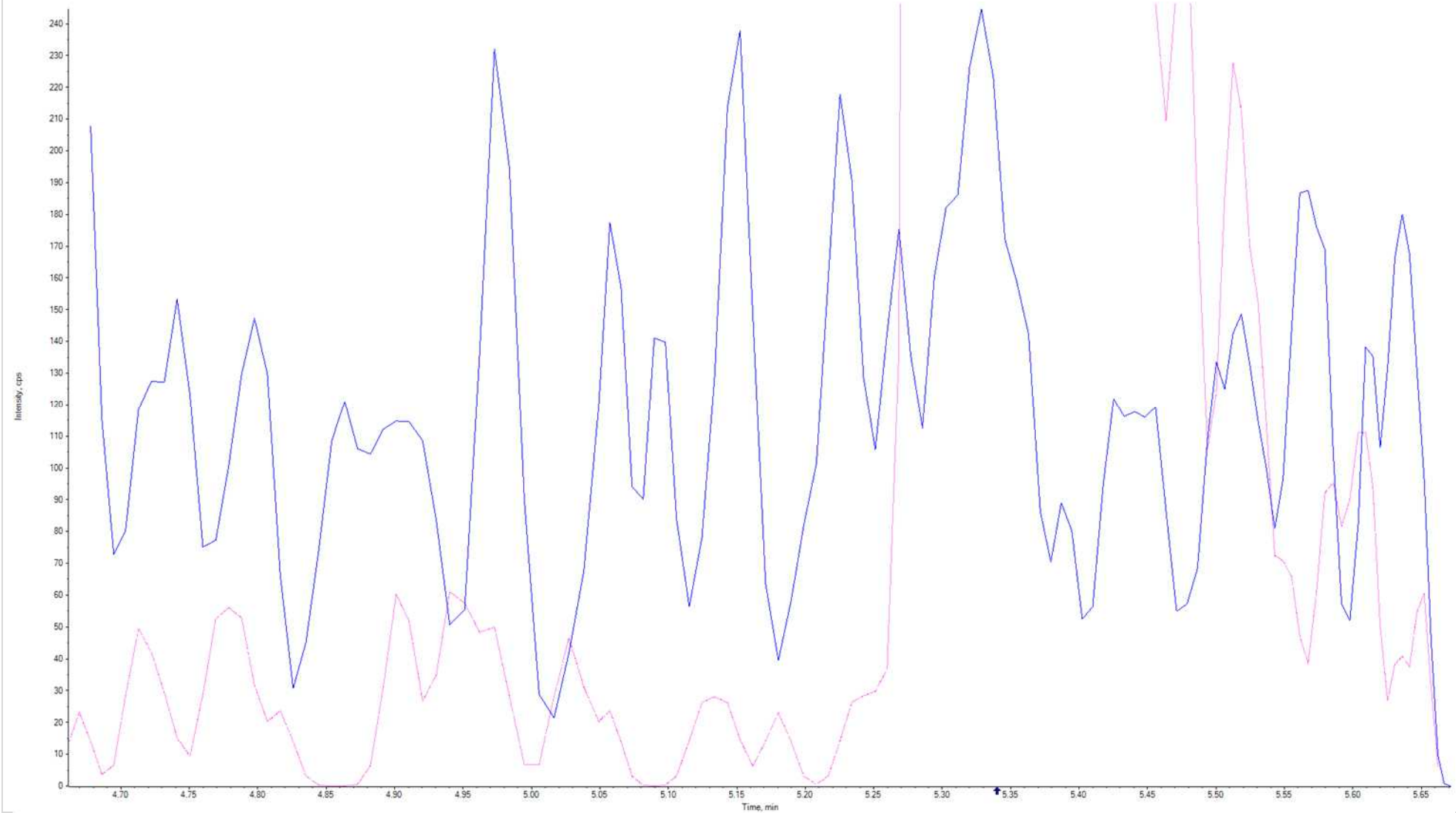
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PFHxA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



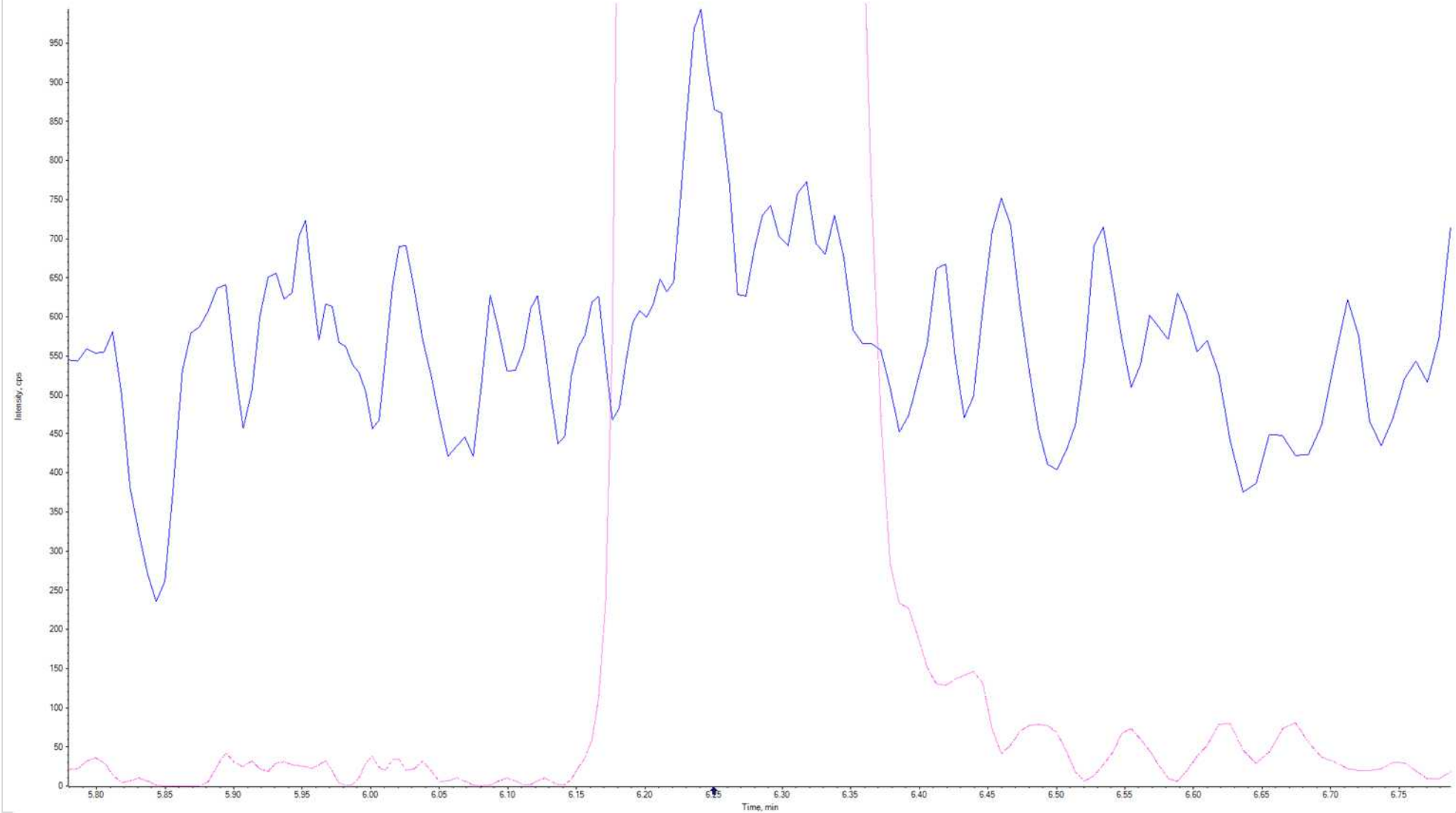
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PFHxA_2
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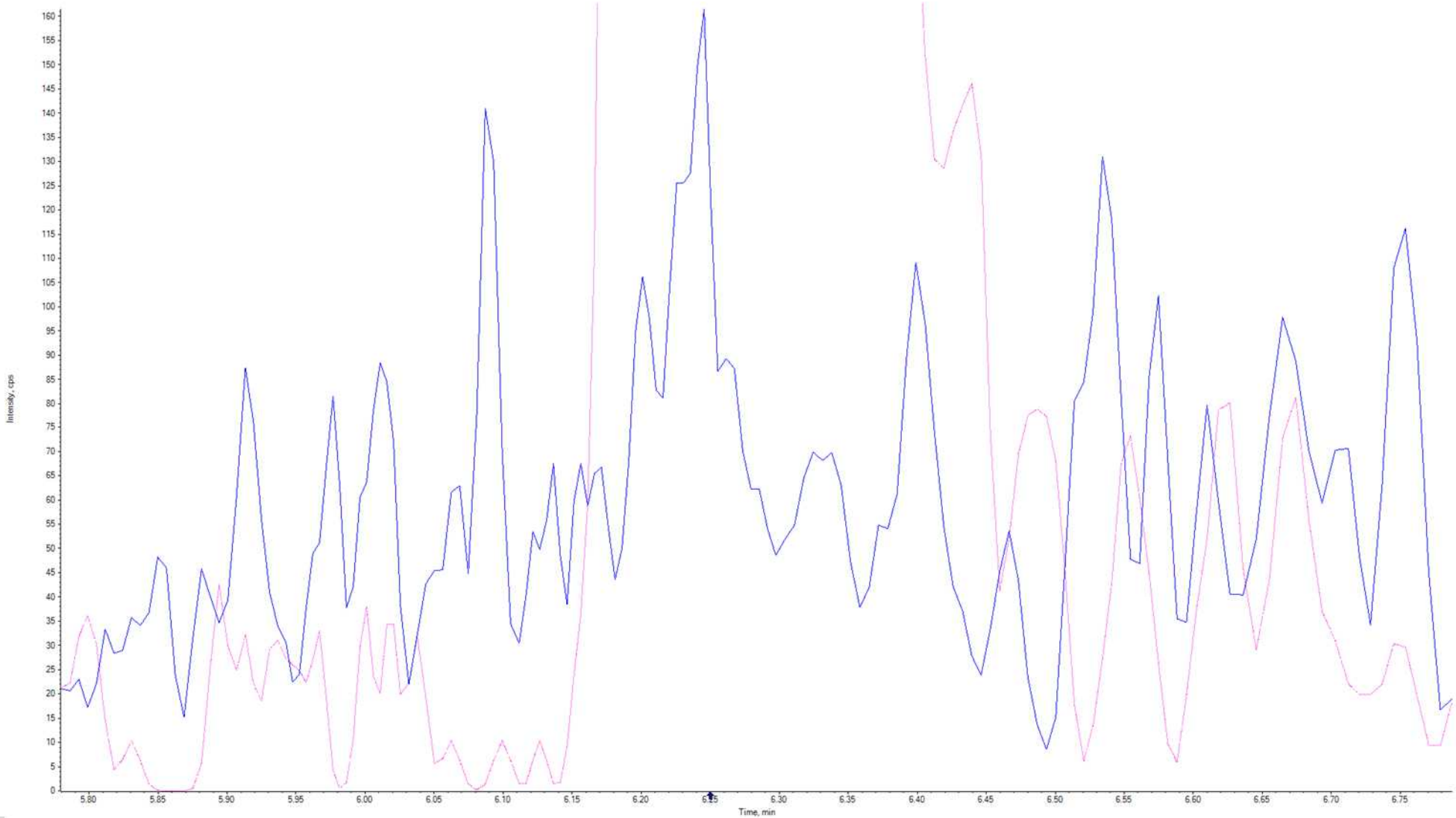
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PFHpA
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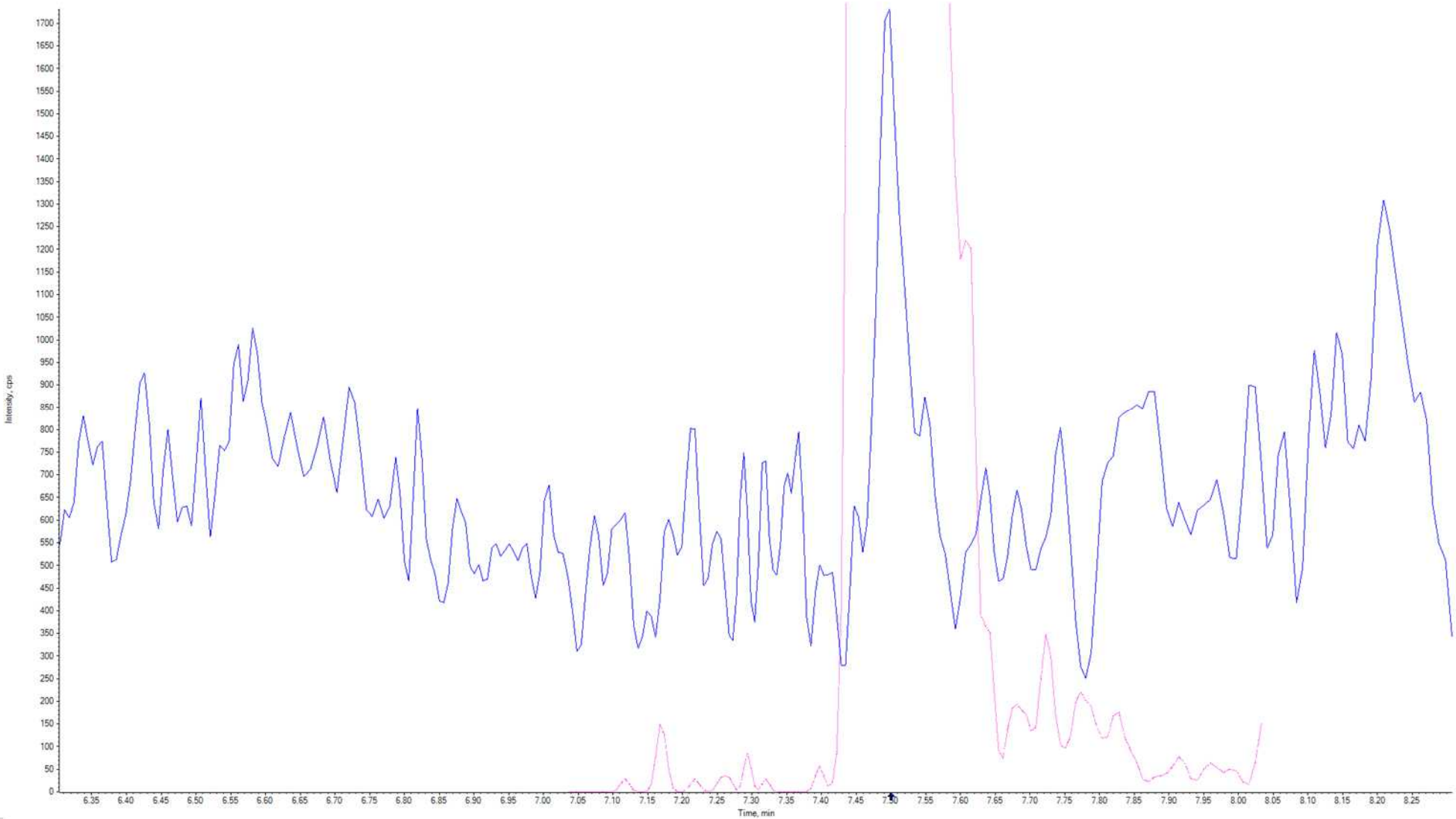
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PFHpA_2
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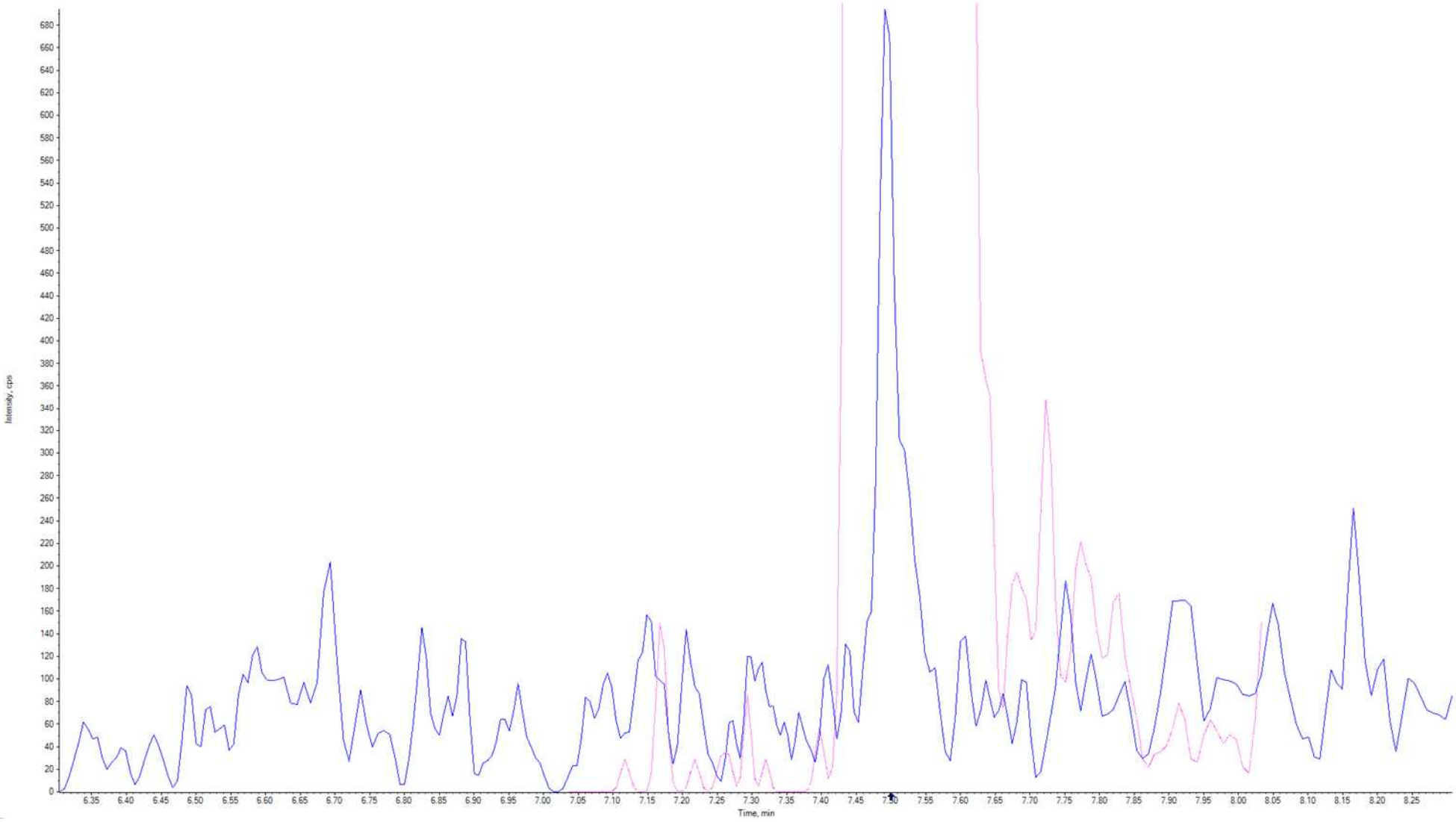
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PFOA
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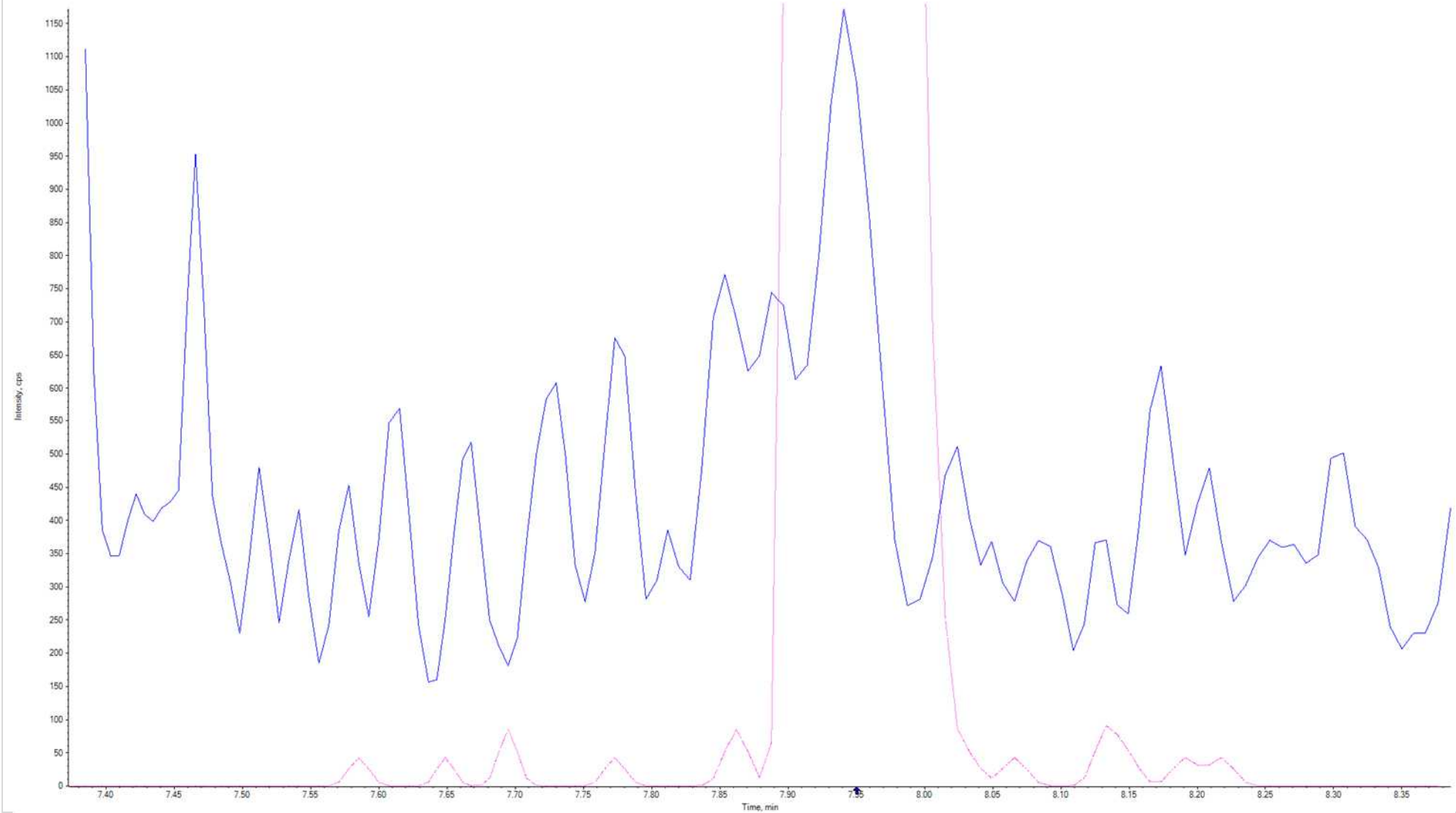
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PFOA_2
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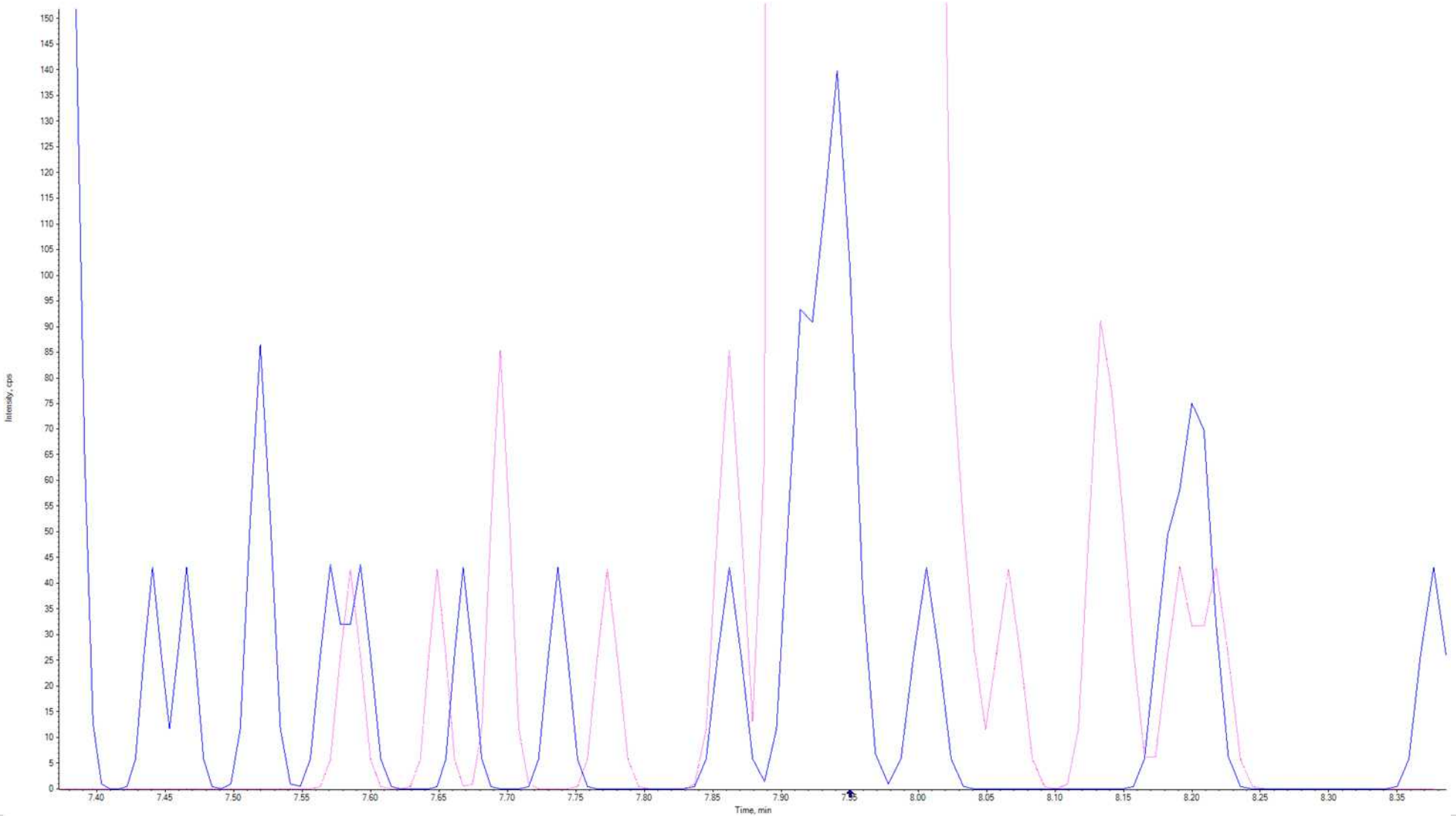
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PFNA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



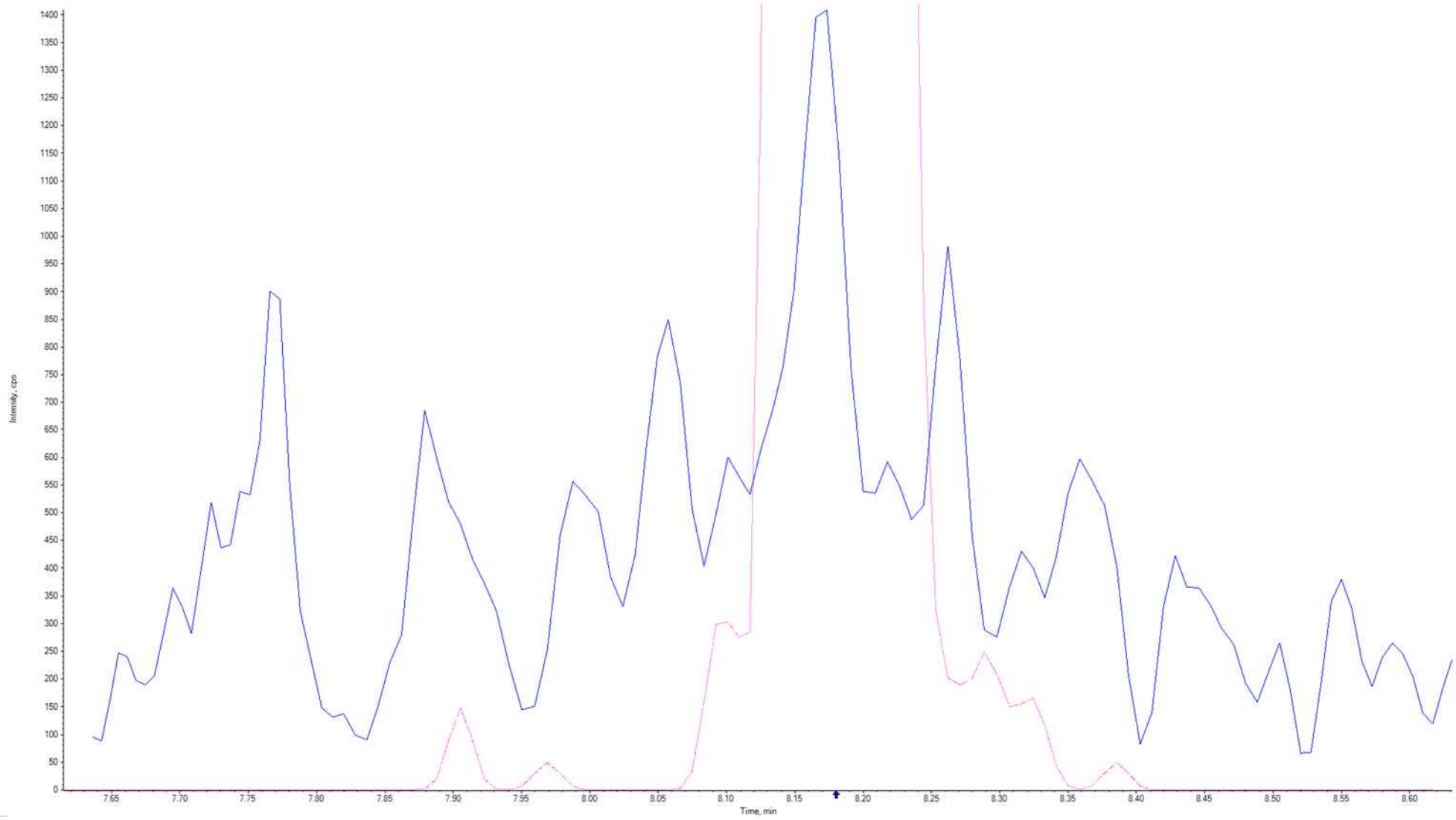
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFNA_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



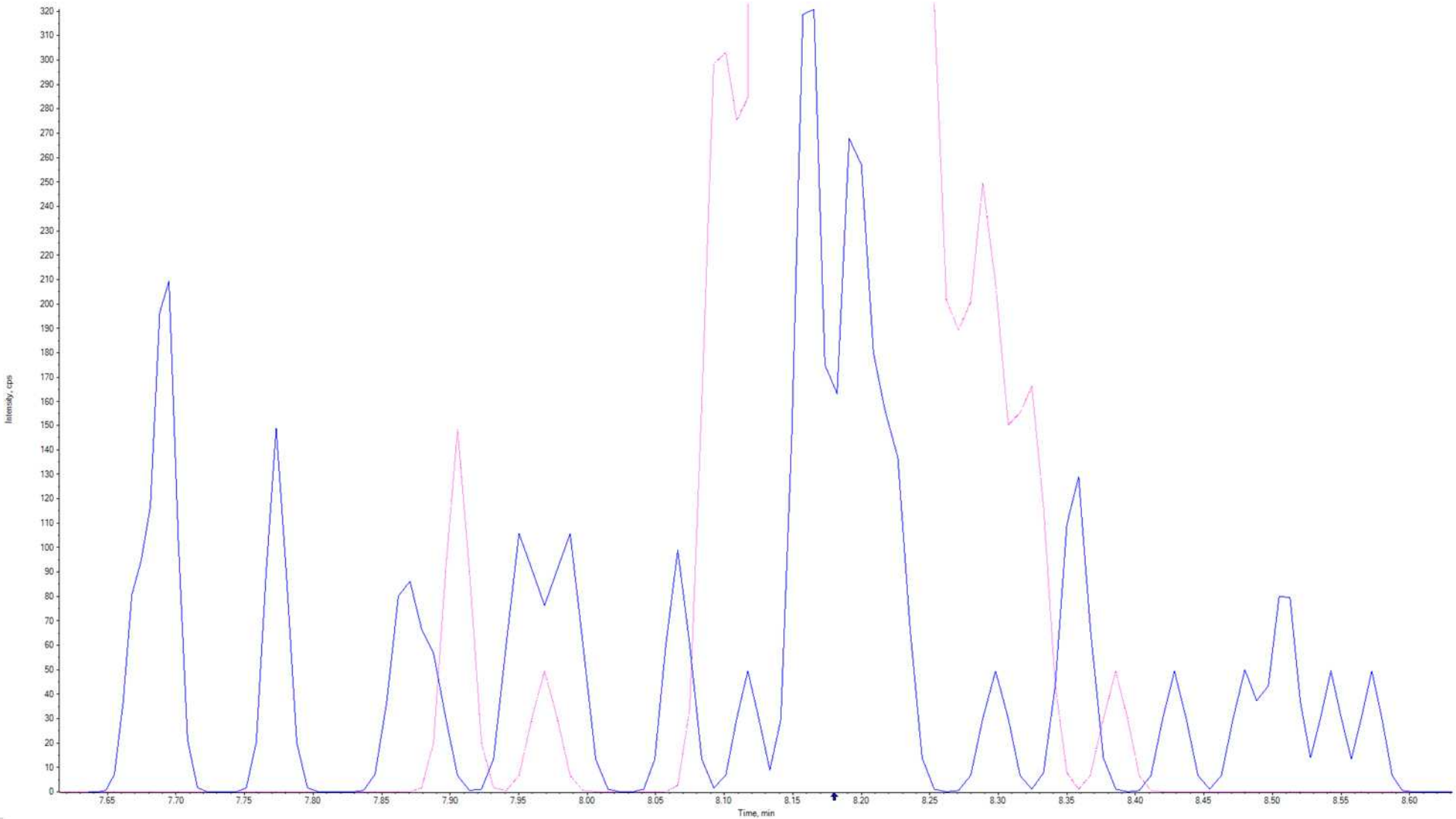
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
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PFDA
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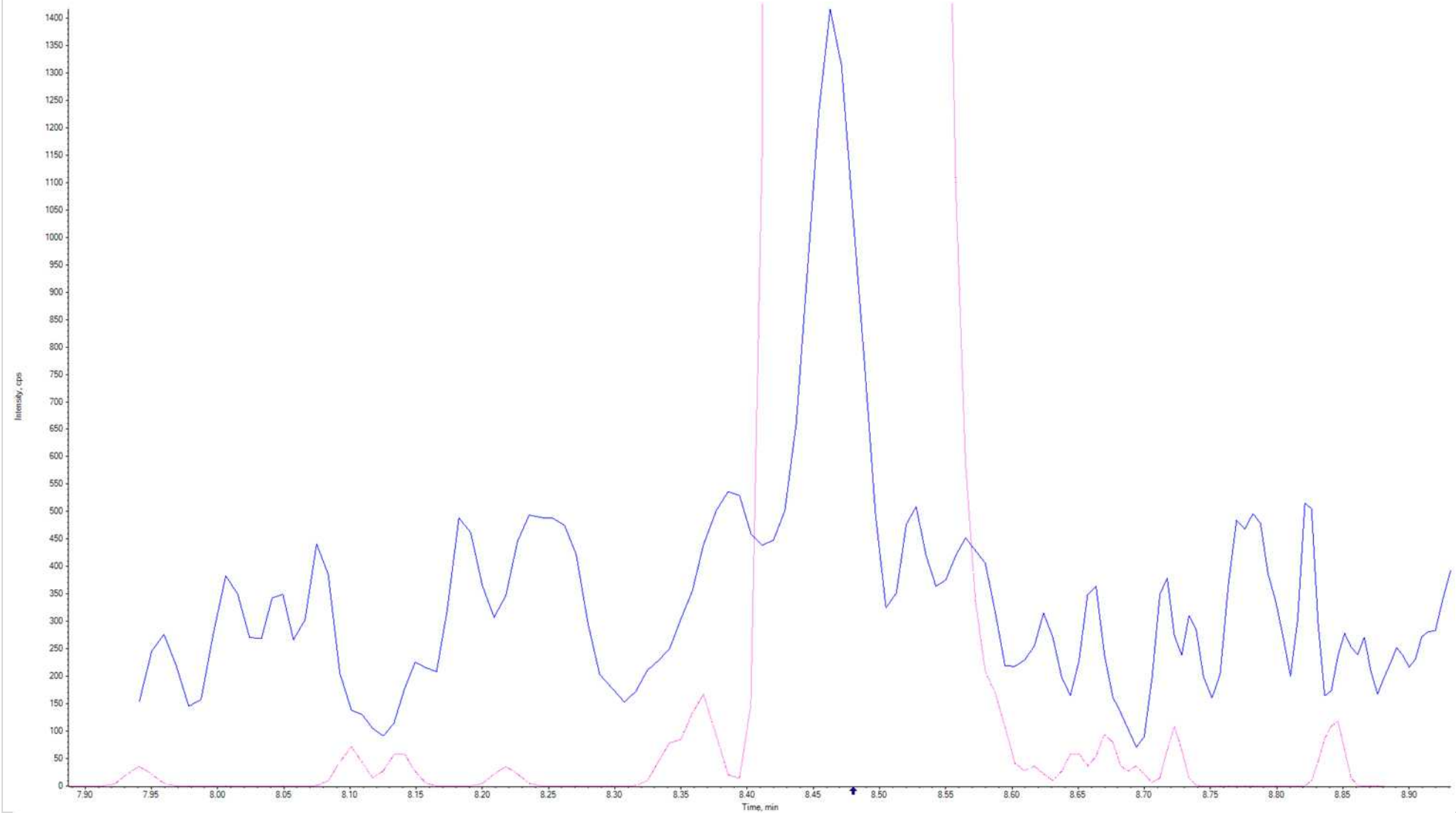
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PFDA_2
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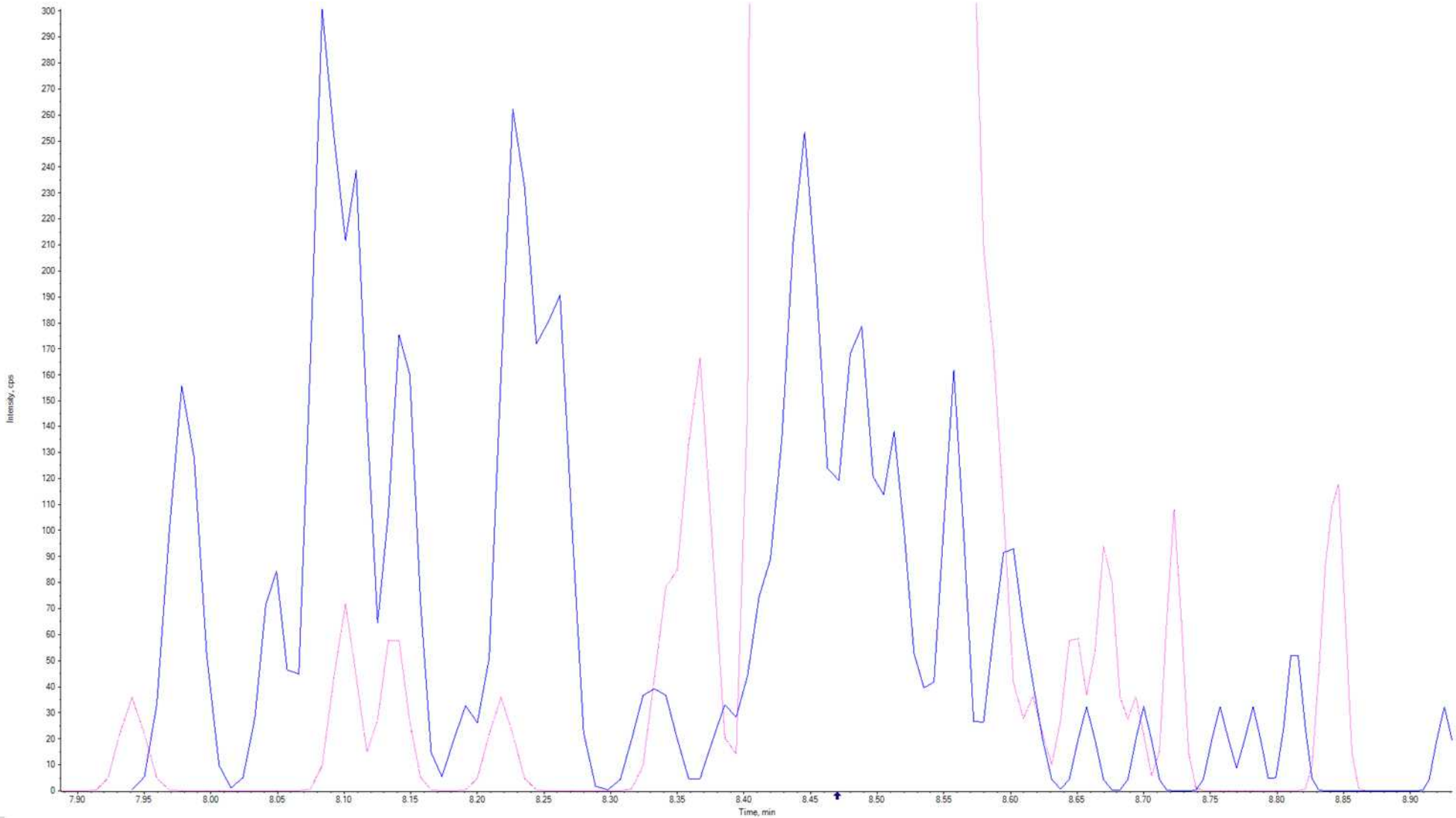
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PFUnA
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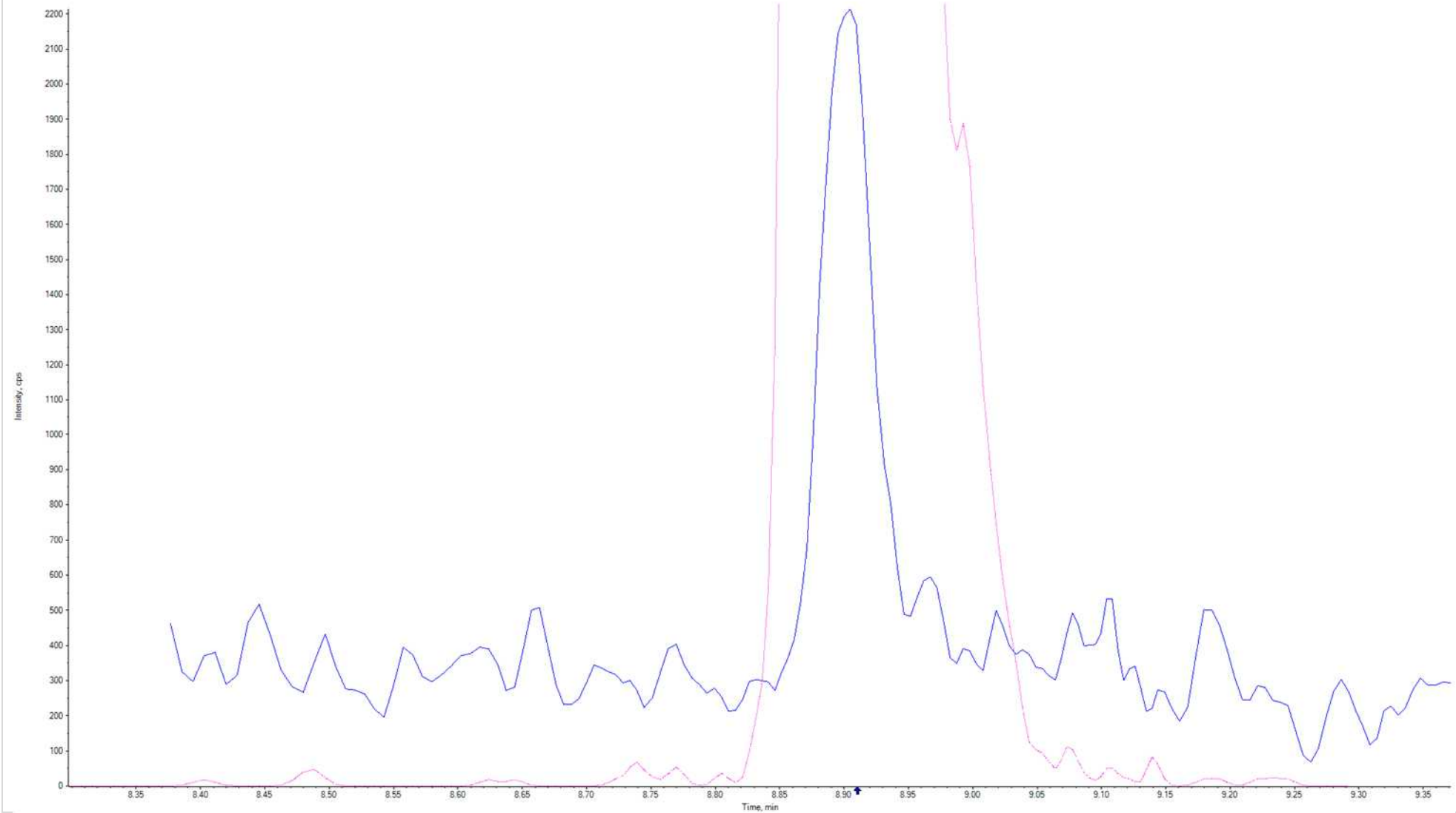
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PFUnA_2
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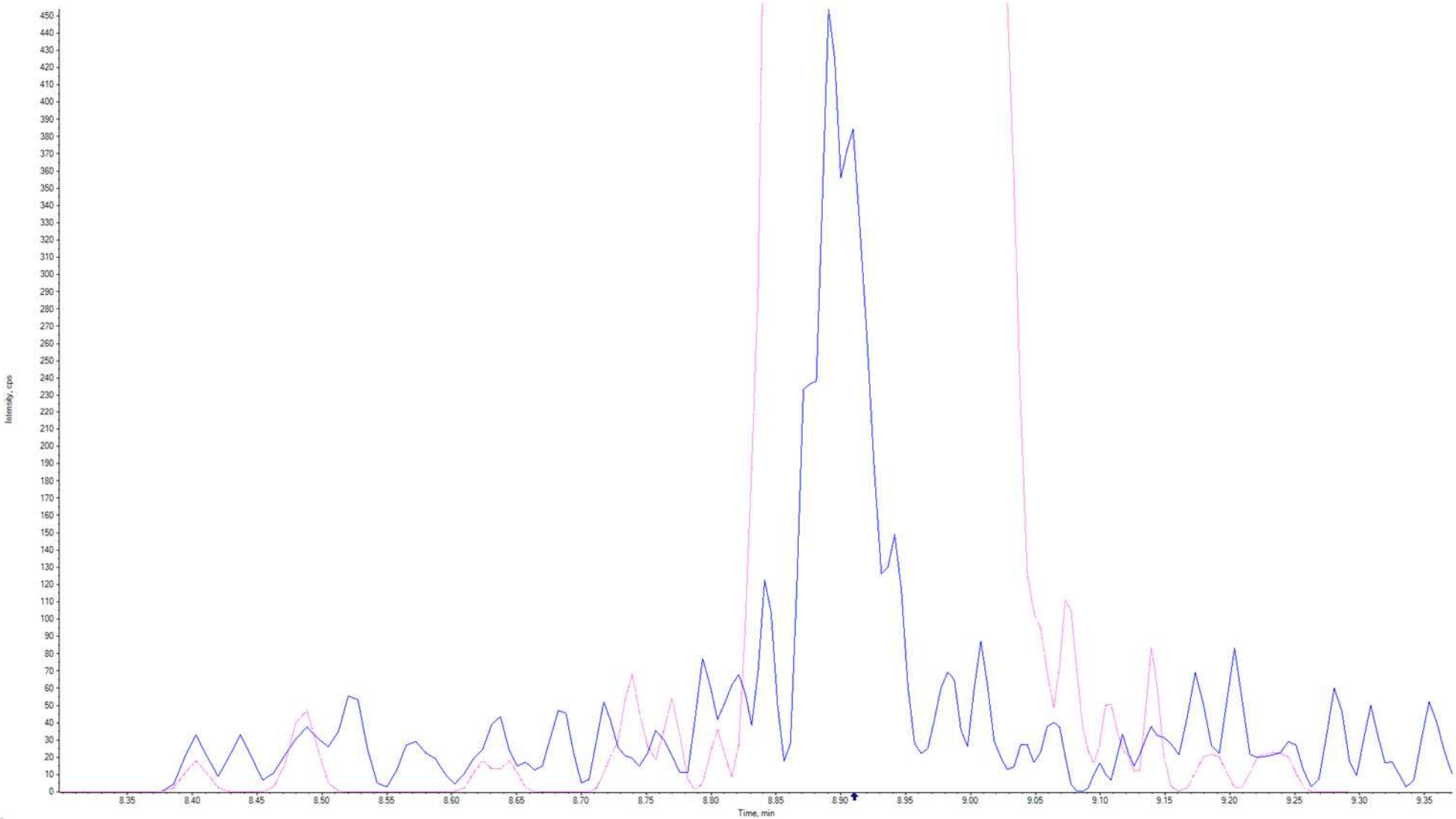
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PFDoA
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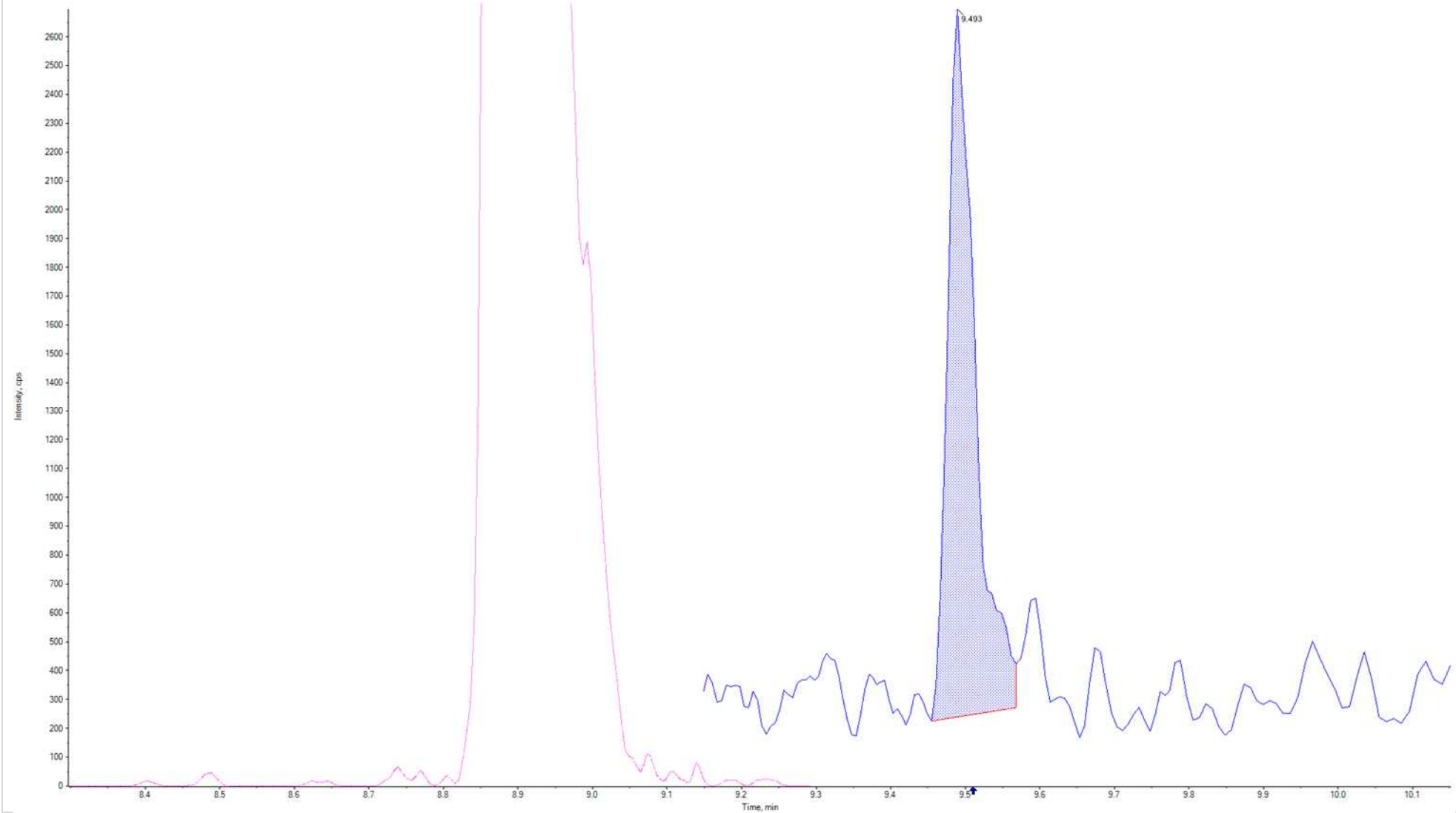
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Last Altered: 8/14/2024 9:55:24 AM
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PFDoA_2
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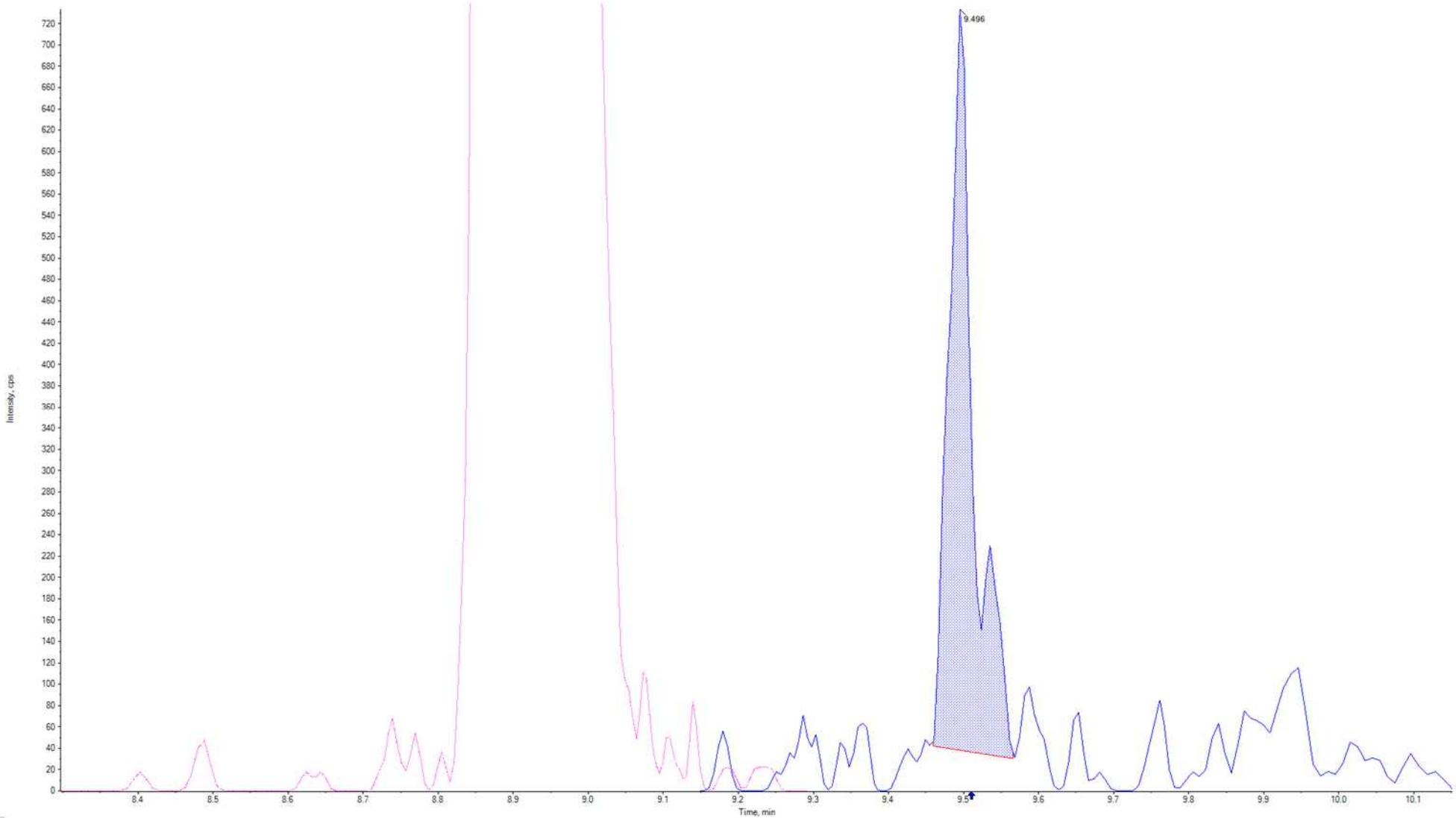
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Last Altered: 8/14/2024 9:55:24 AM
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PFTrDA
Sample: WG1958909-2,INSTBLANK S/N:71.5 Points Across peak:20



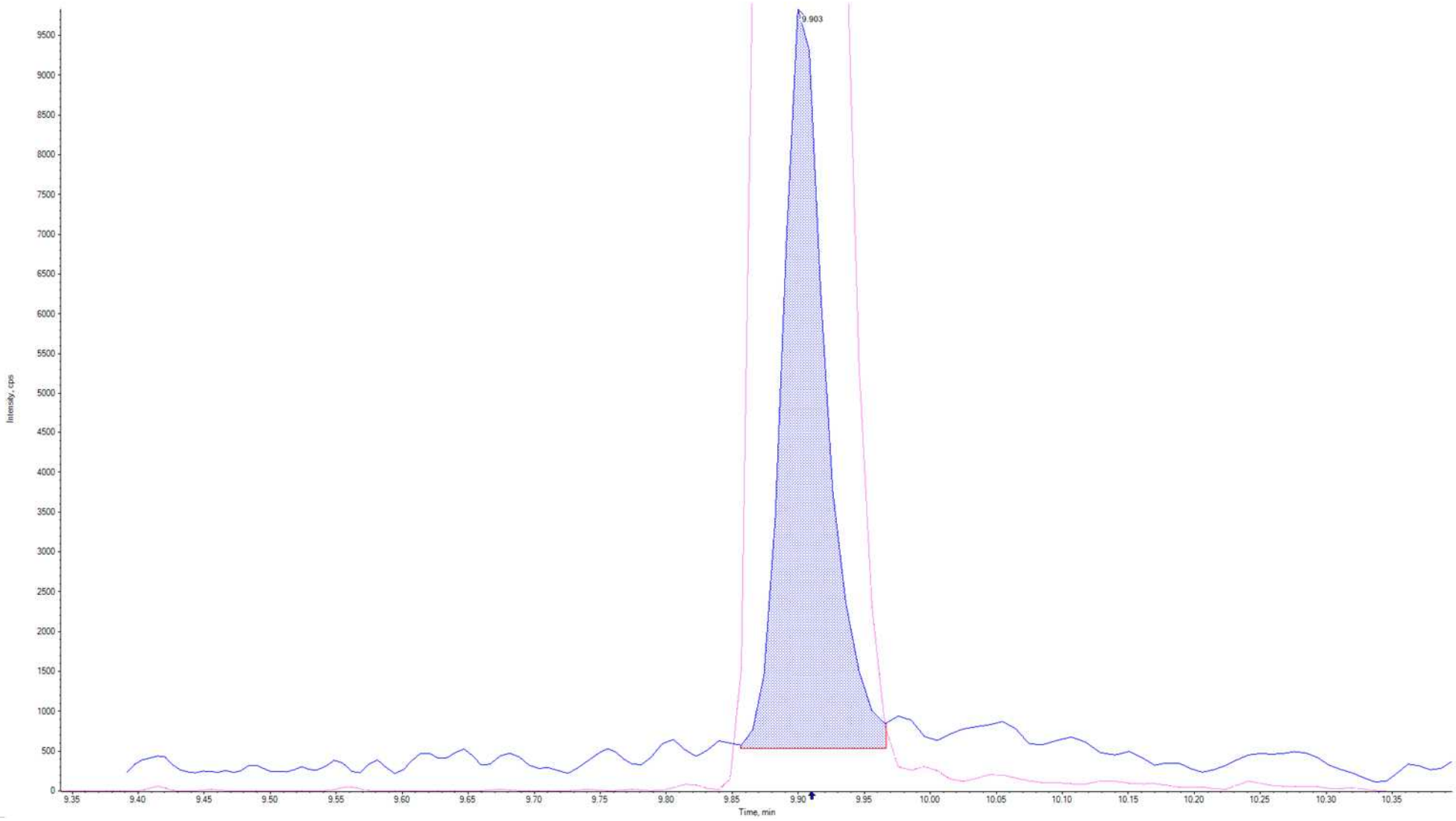
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PFTrDA_2
Sample: WG1958909-2,INSTBLANK S/N:37524.9 Points Across peak:20



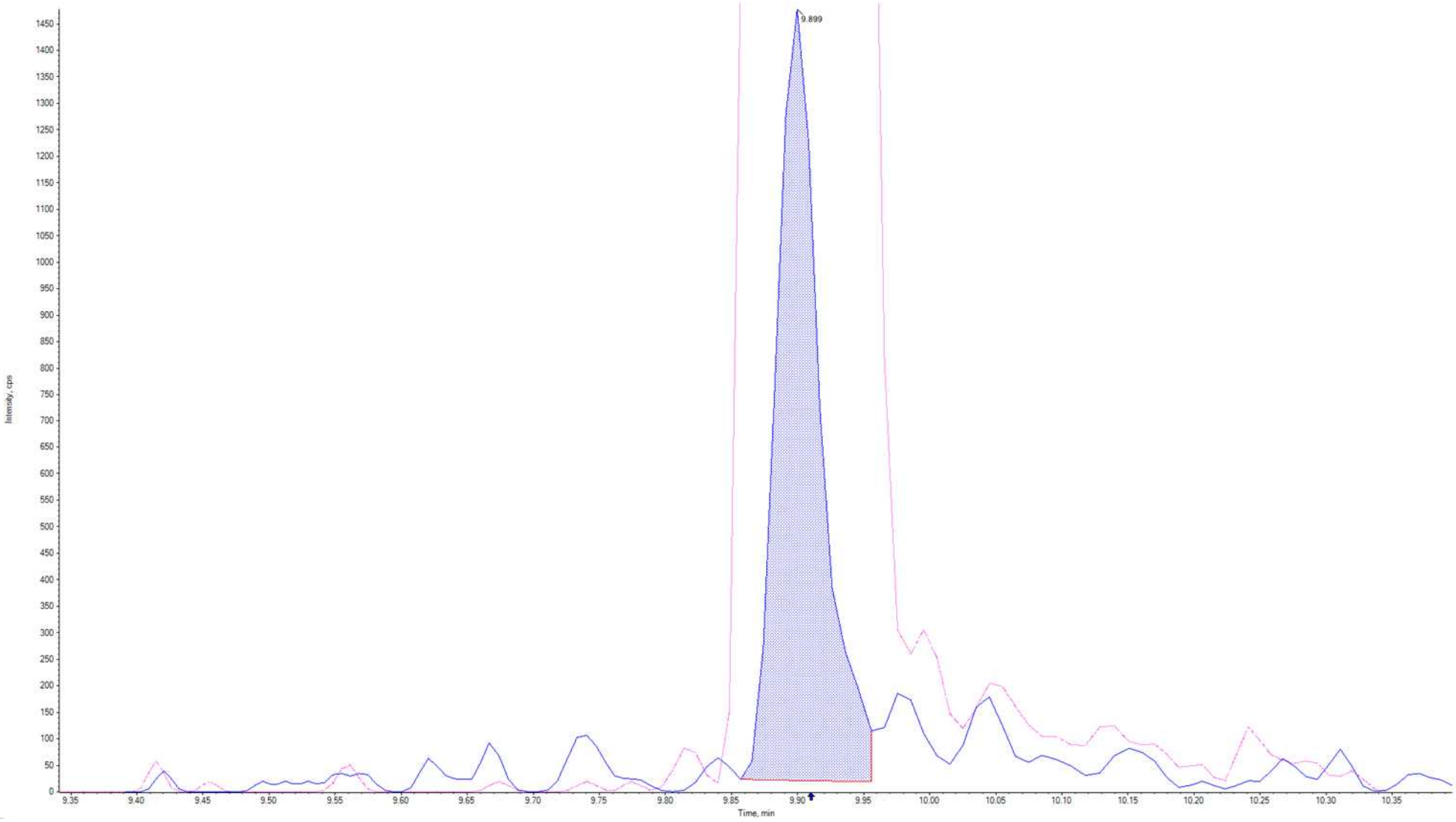
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Last Altered: 8/14/2024 9:55:24 AM
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PFTeDA
Sample: WG1958909-2,INSTBLANK S/N:230.6 Points Across peak:15



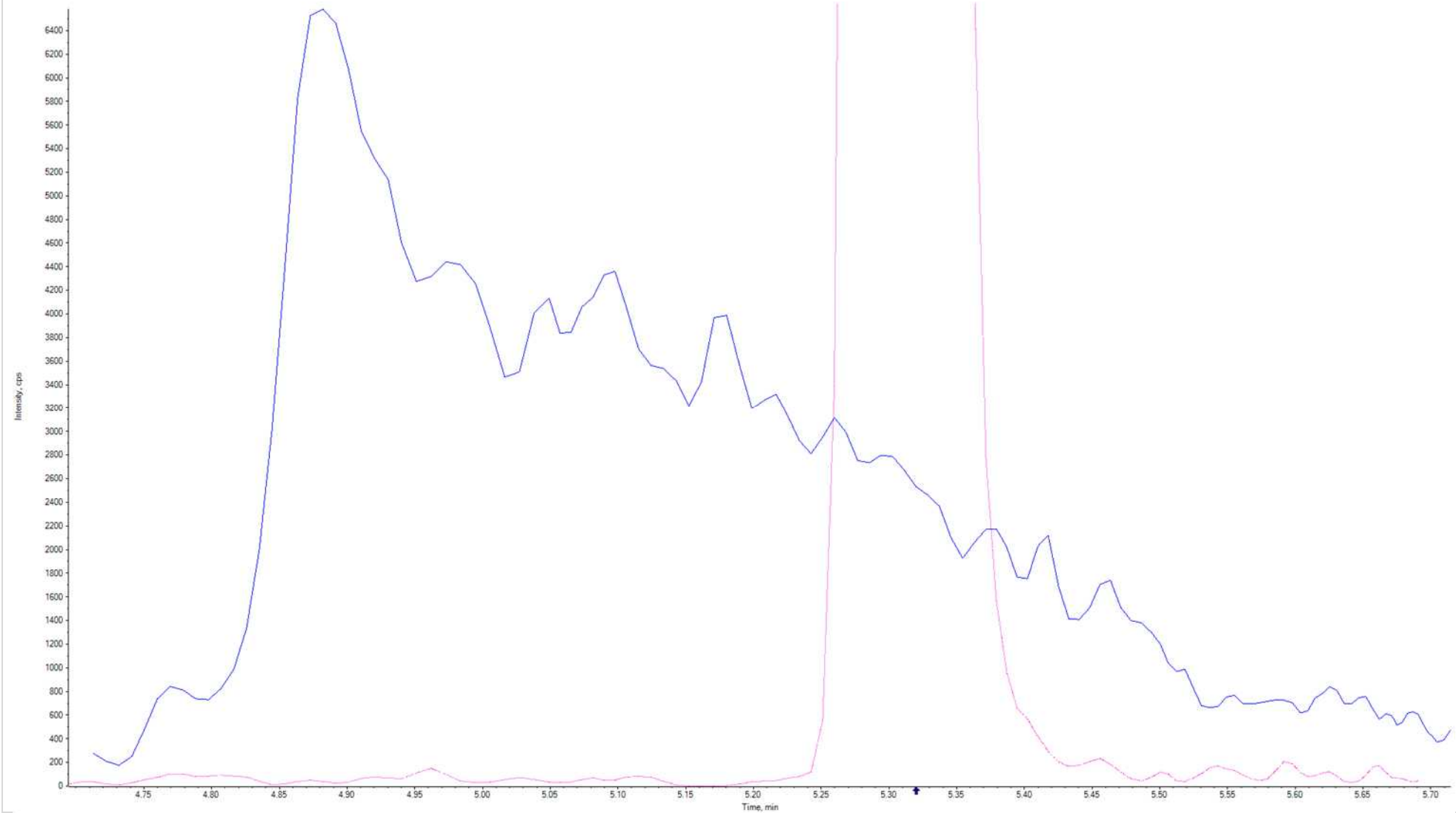
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PFTeDA_2
Sample: WG1958909-2,INSTBLANK S/N:669554.6 Points Across peak:12



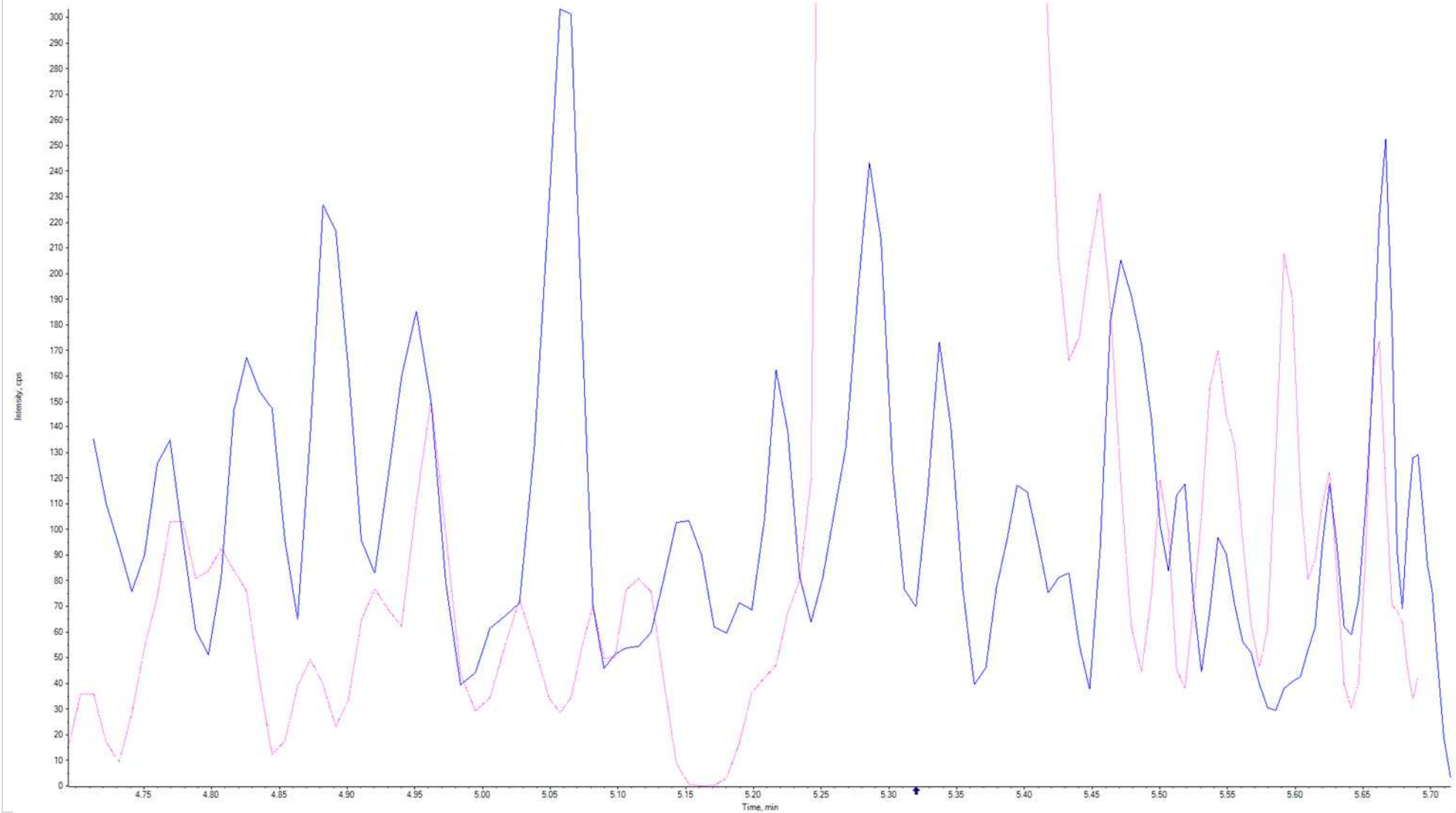
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PFBS
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A

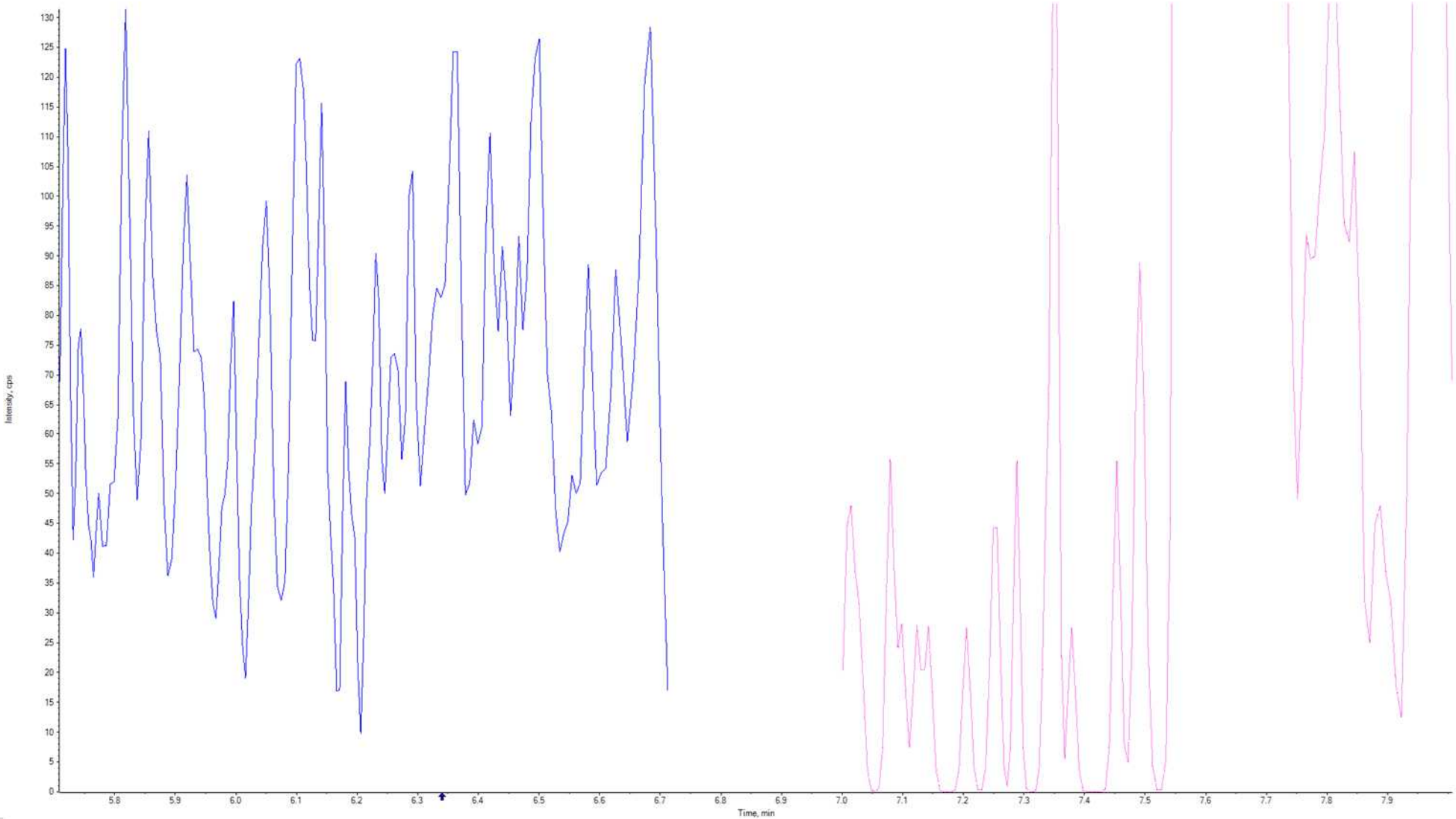


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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PFBS_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A

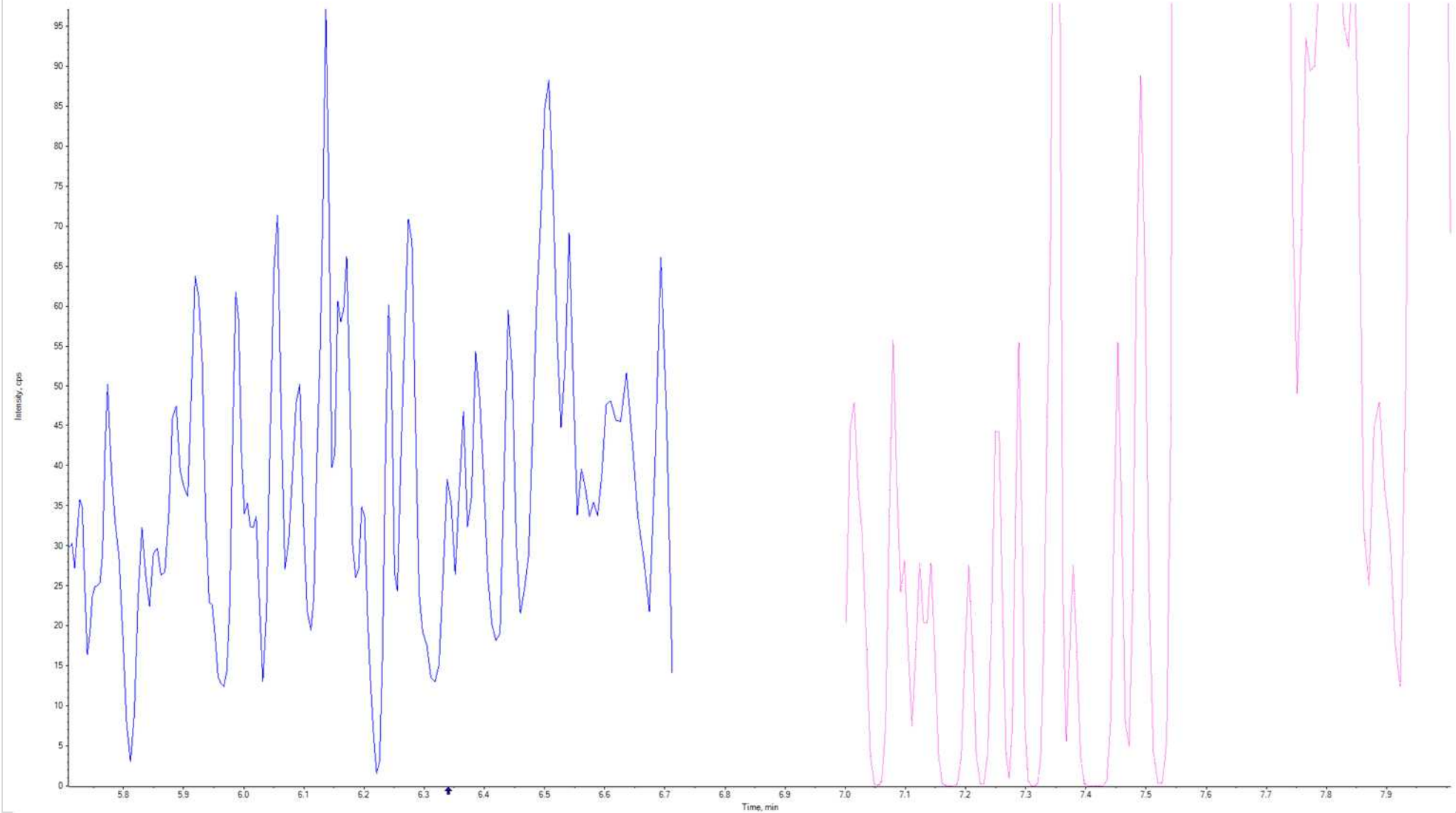


PFPeS
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



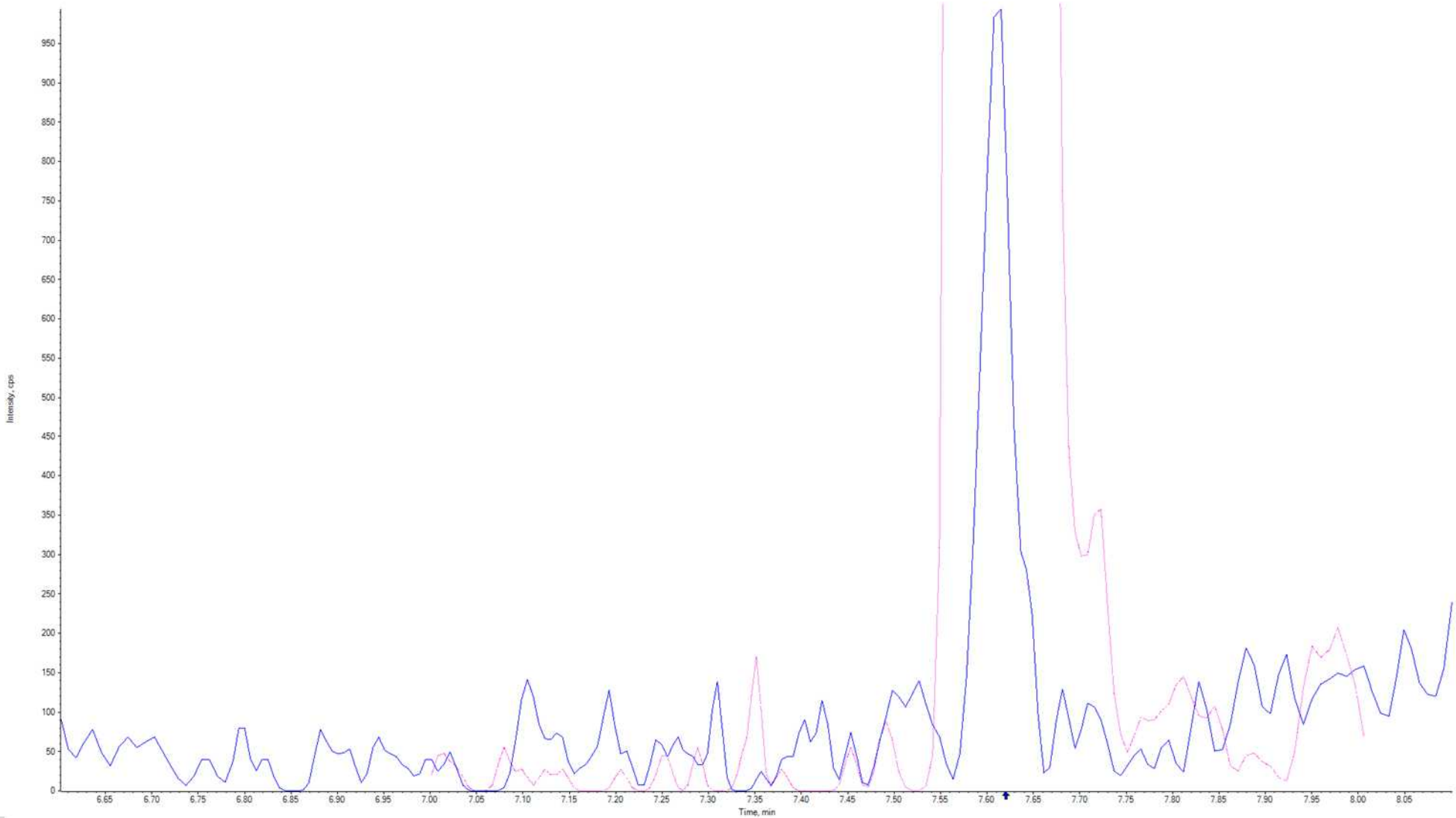
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Last Altered: 8/14/2024 9:55:24 AM
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PFPeS_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



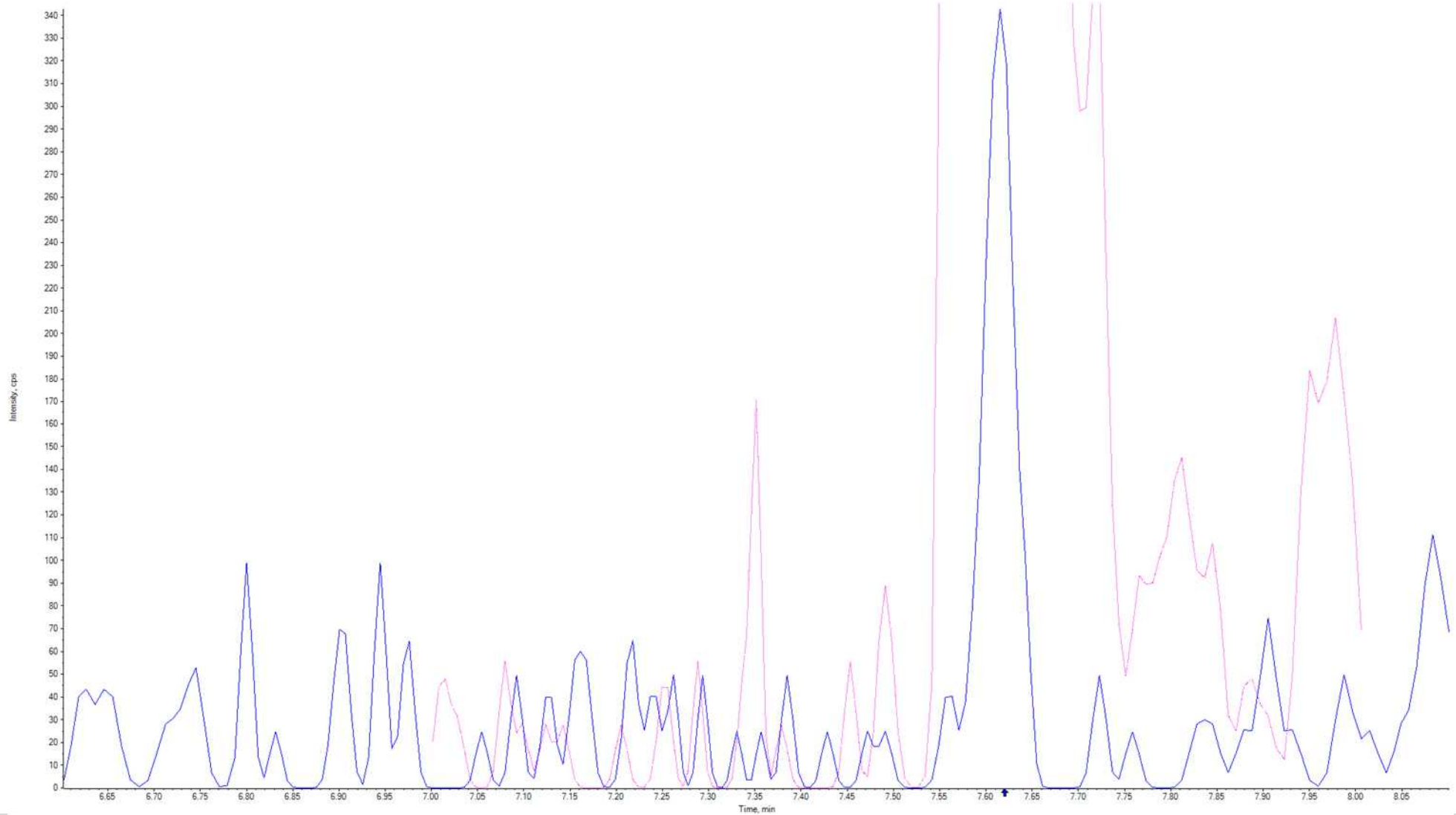
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Generated: 8/14/2024 9:40:32 AM

PFHxS
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



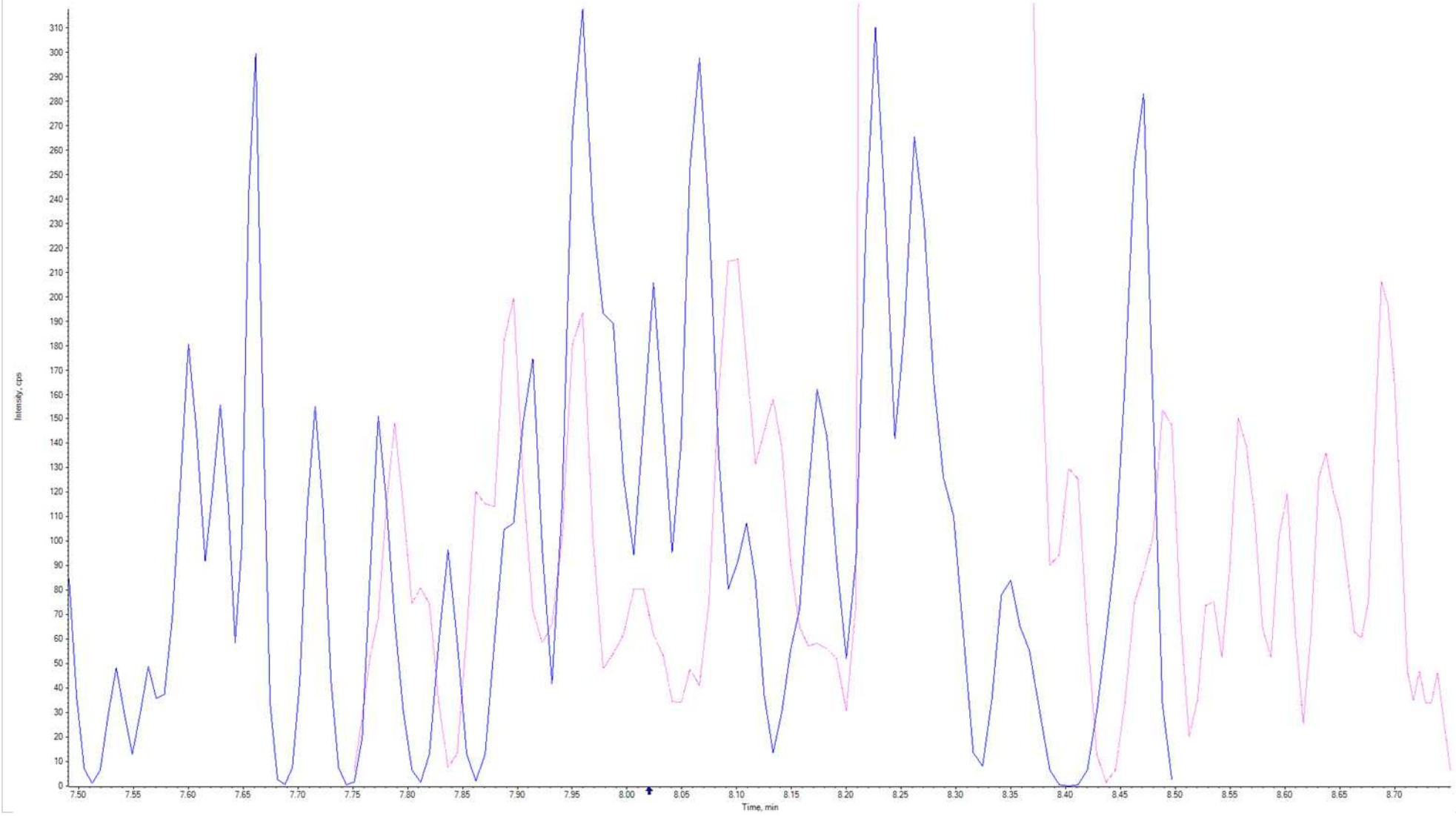
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFHxS_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



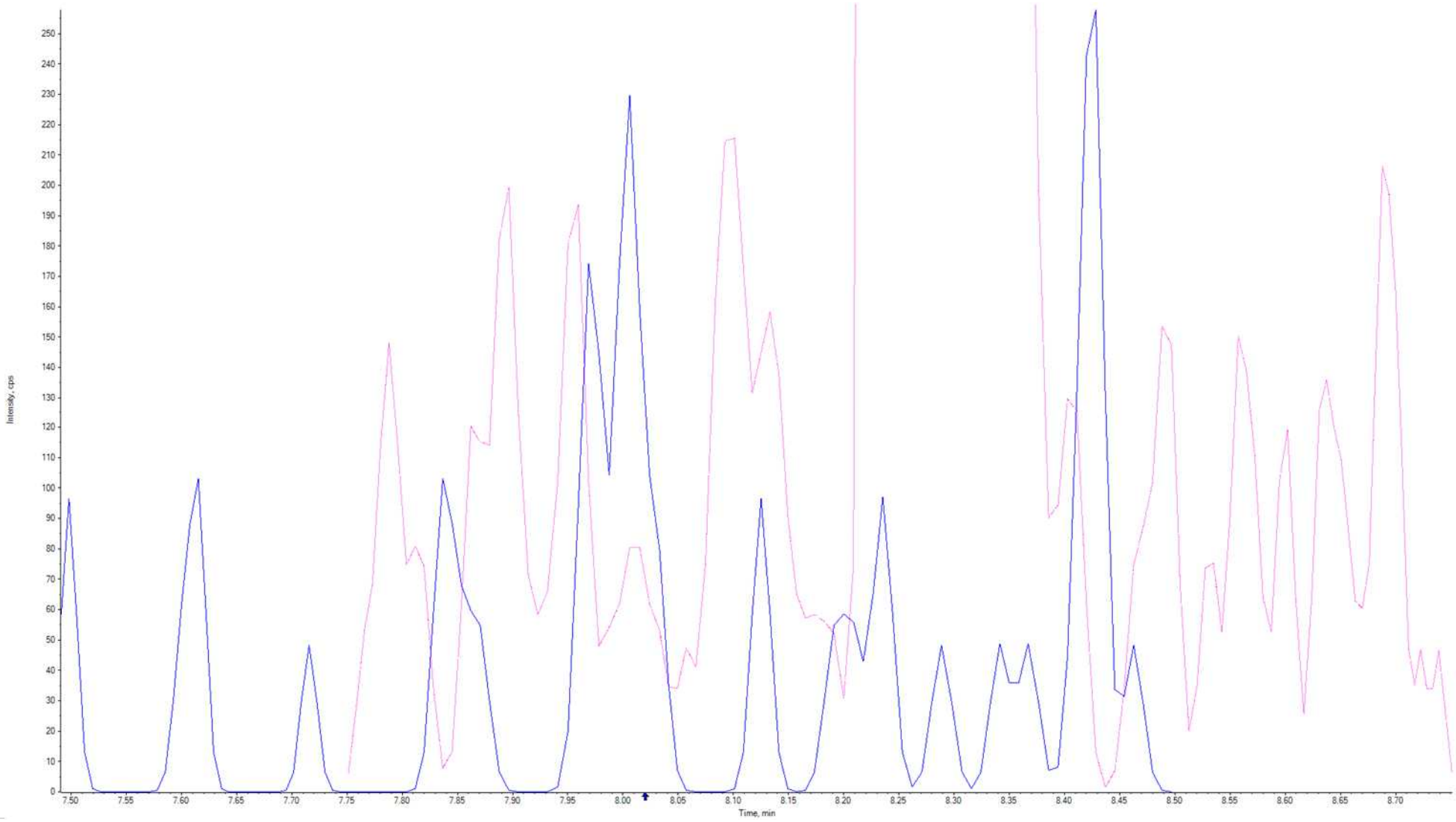
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PFHpS
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



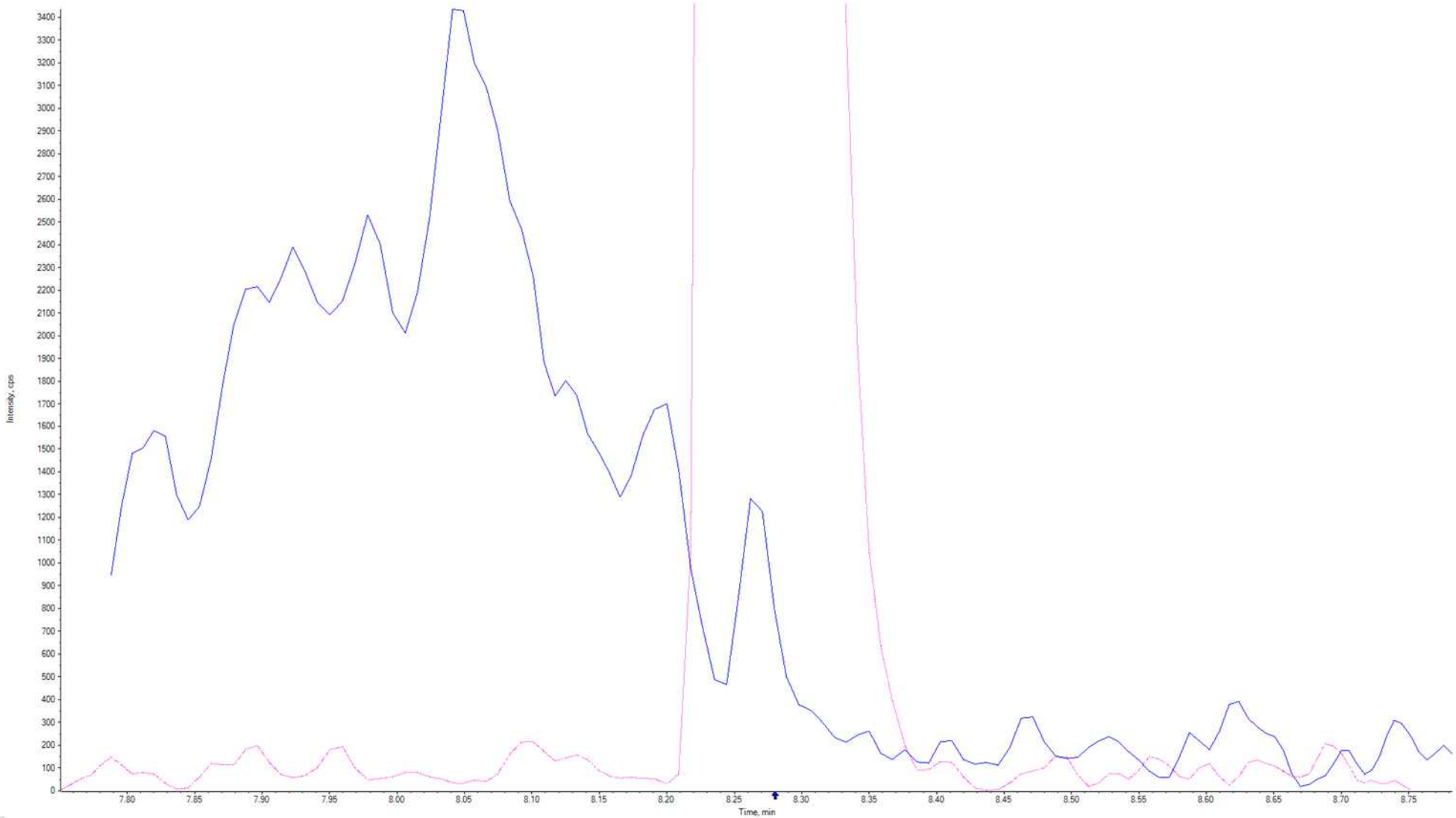
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Generated: 8/14/2024 9:40:32 AM

PFHpS_2
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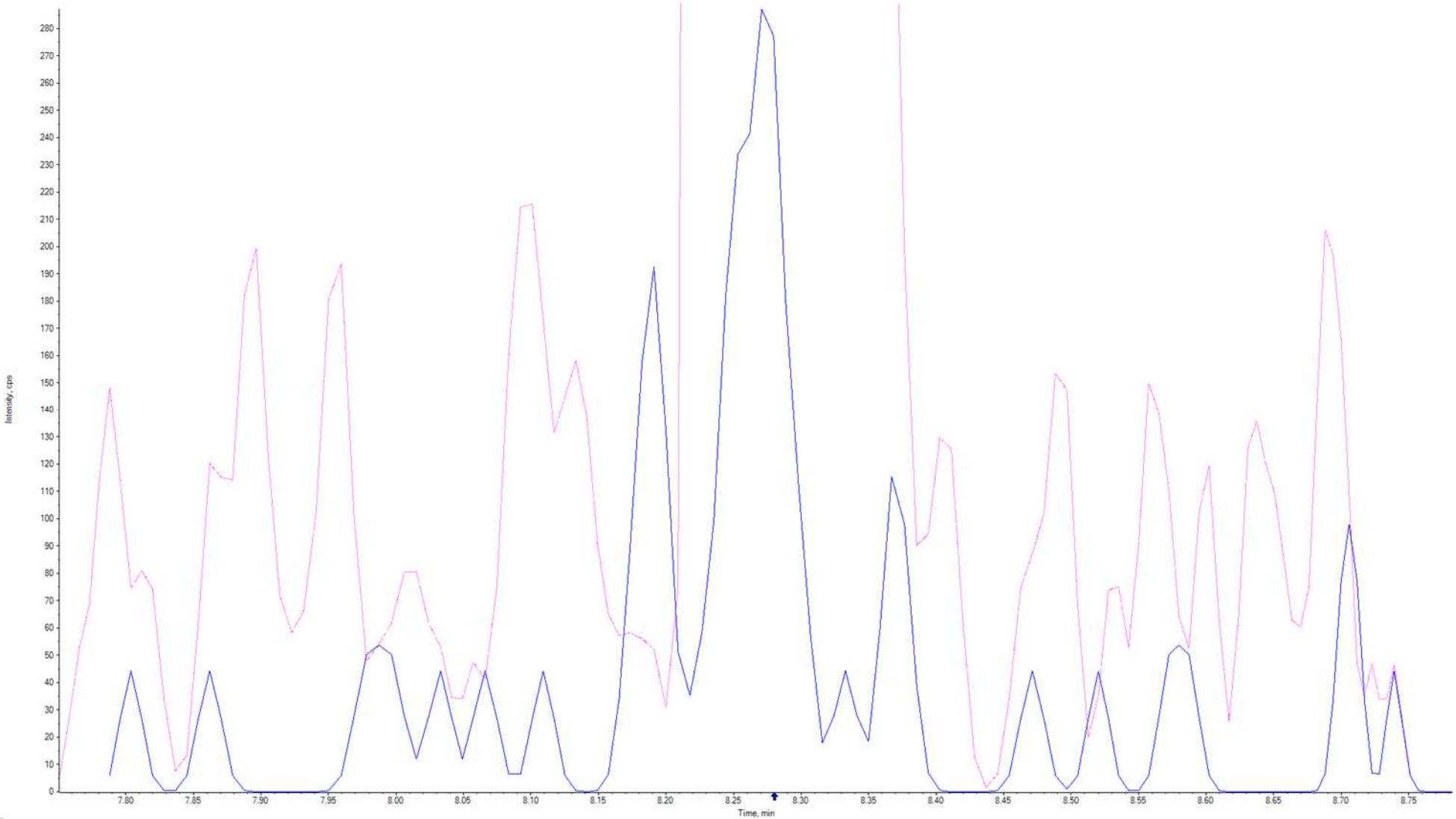
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PFOS
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



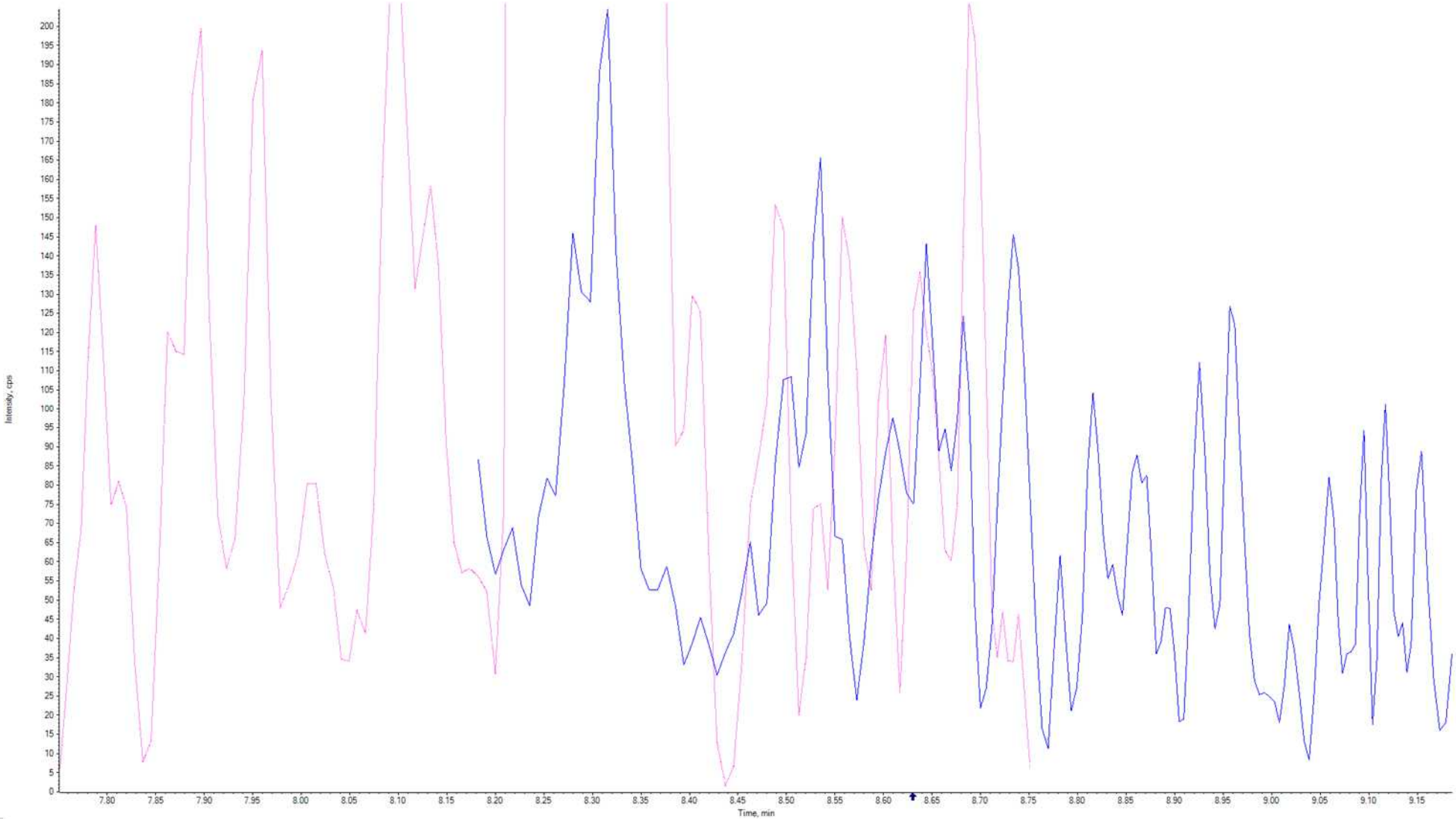
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Generated: 8/14/2024 9:40:32 AM

PFOS_2
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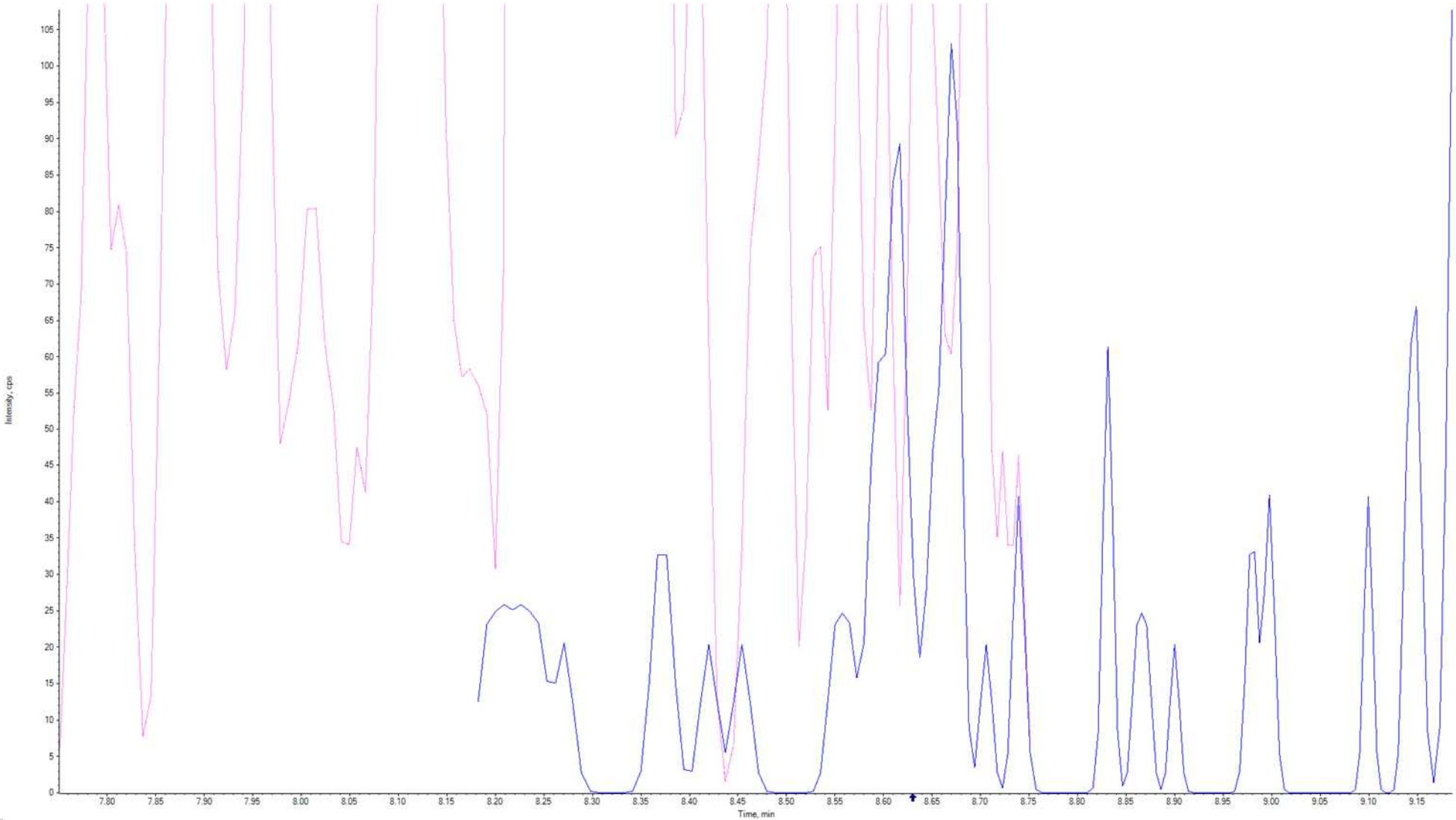
PFNS

Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



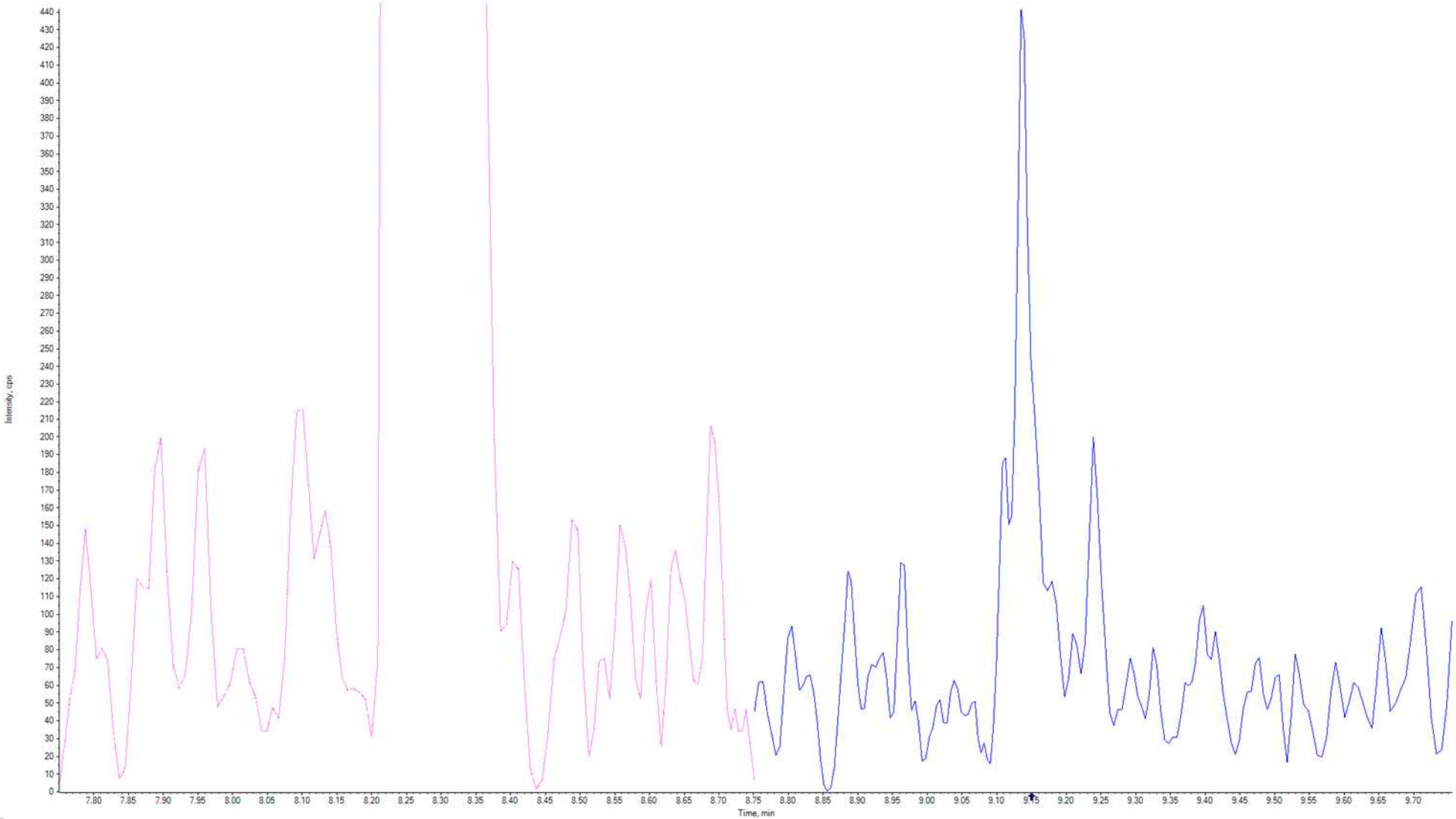
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PFNS_2
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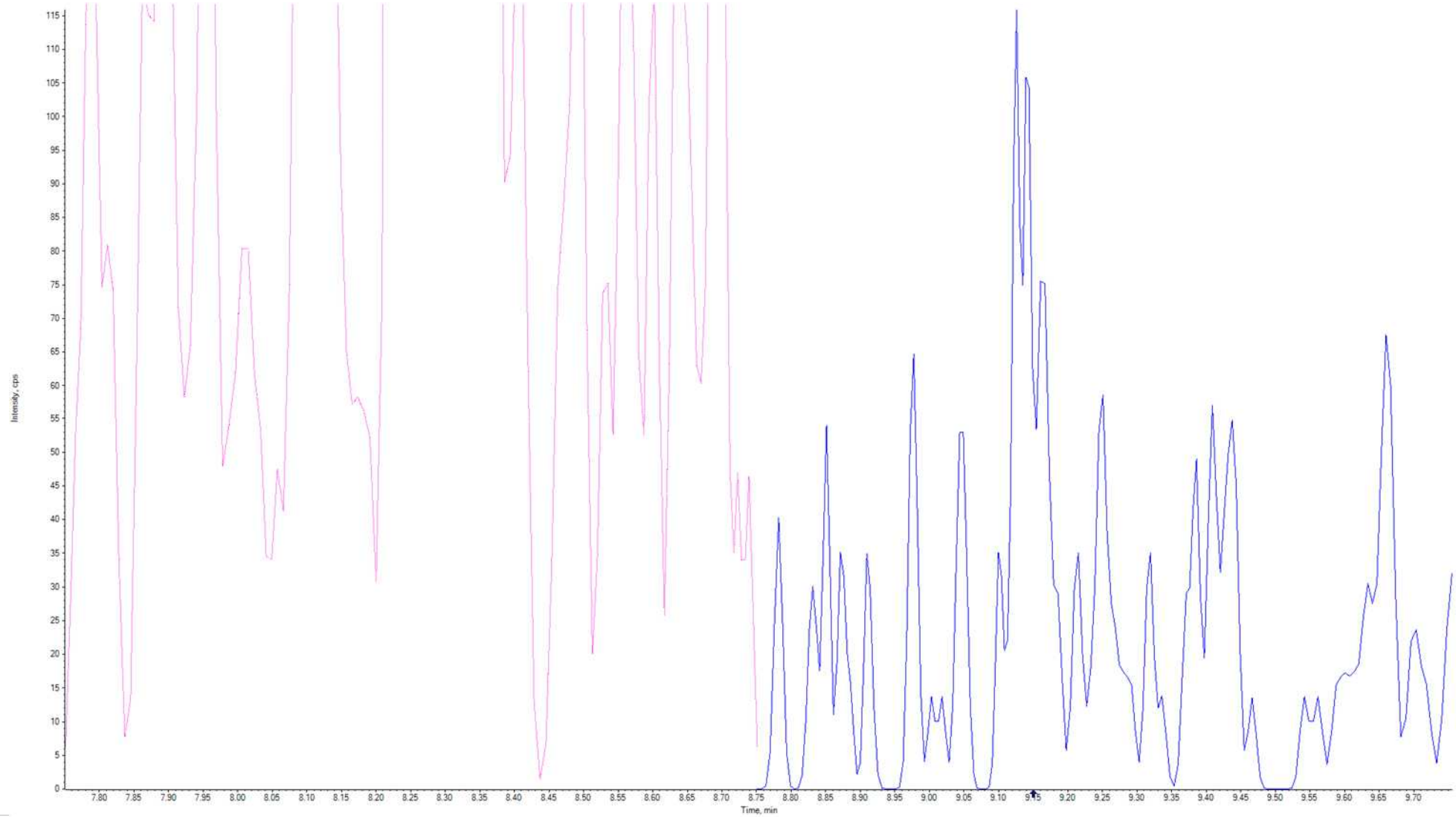
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PFDS
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



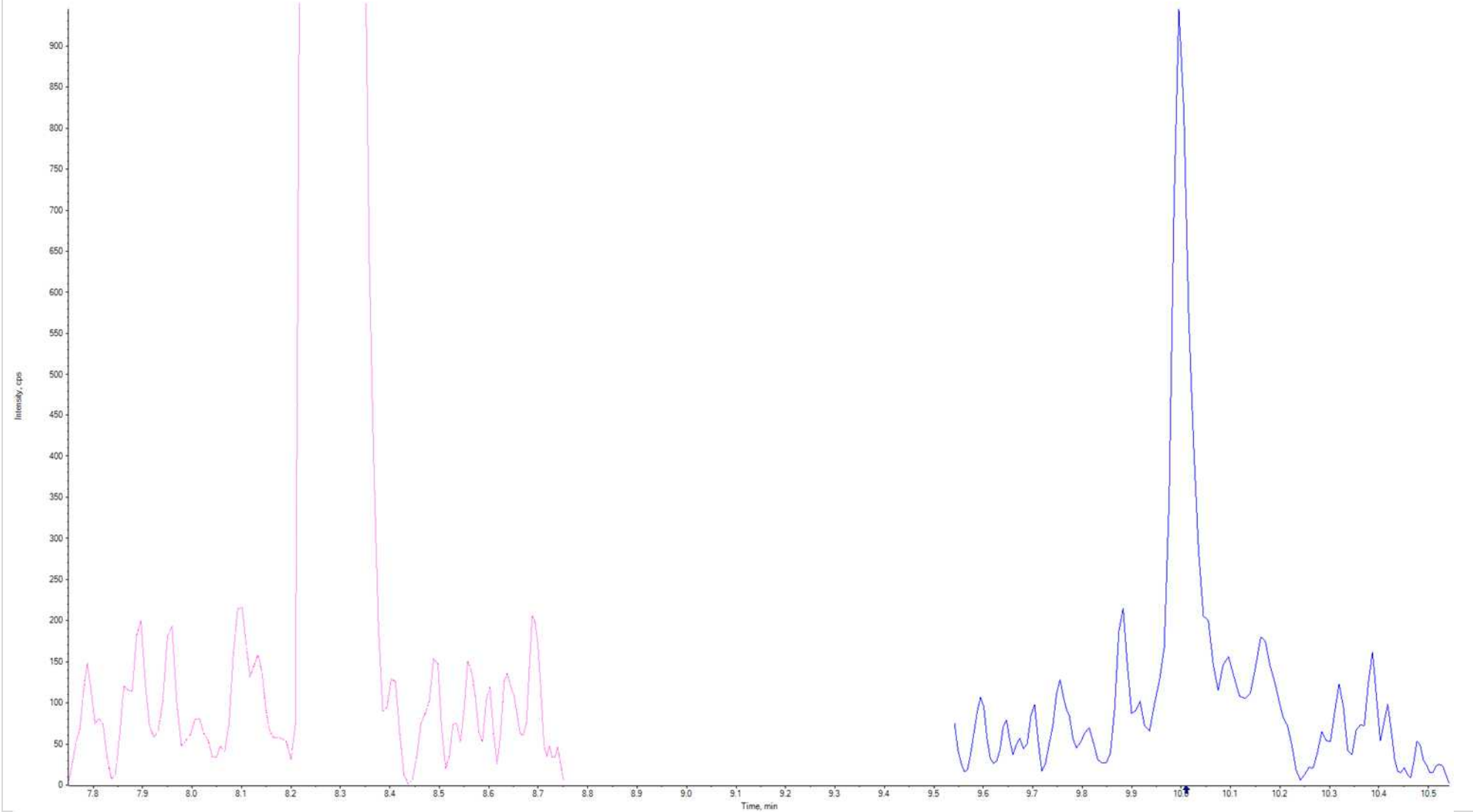
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Generated: 8/14/2024 9:40:32 AM

PFDS_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



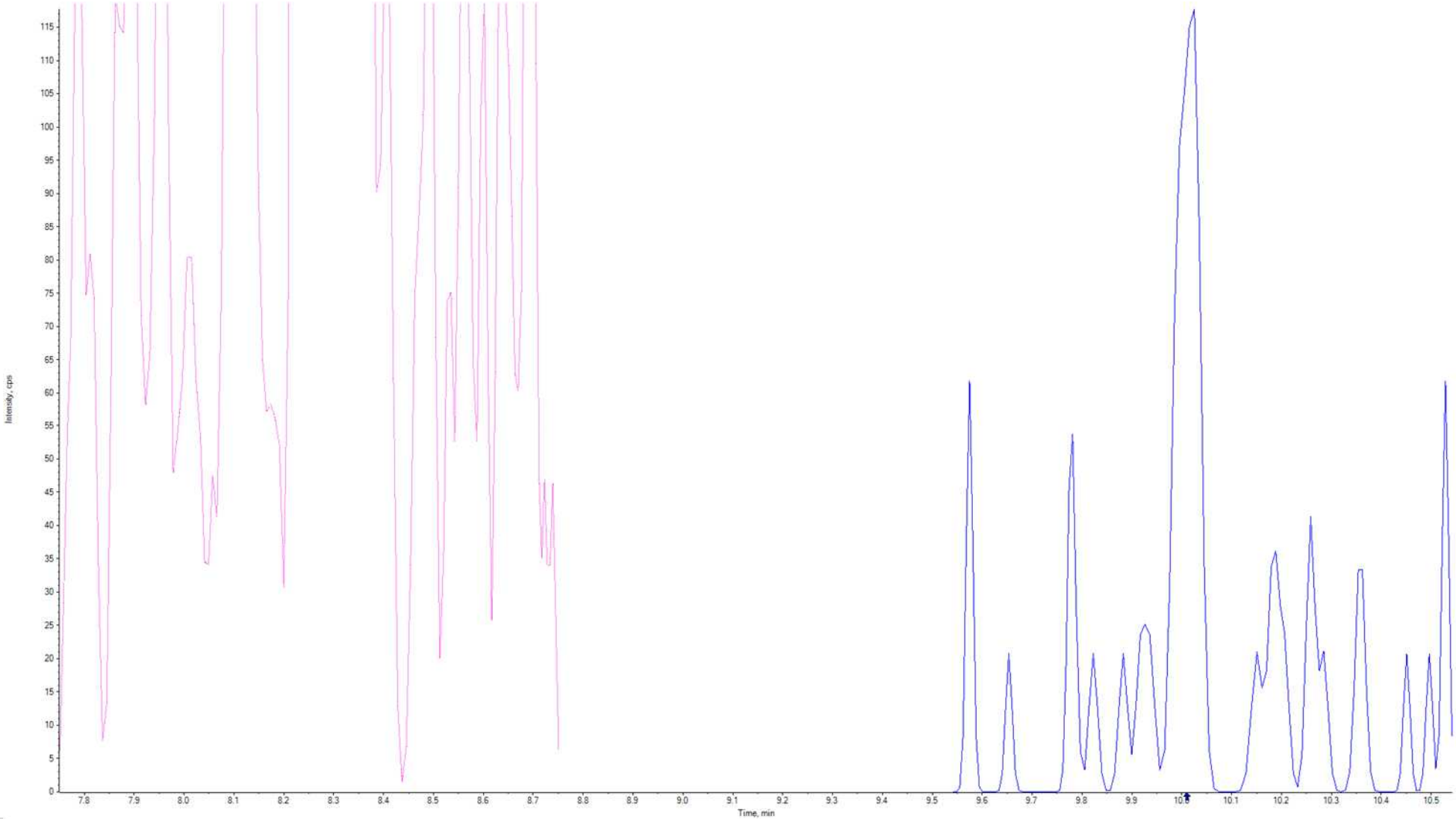
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PFDoS
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



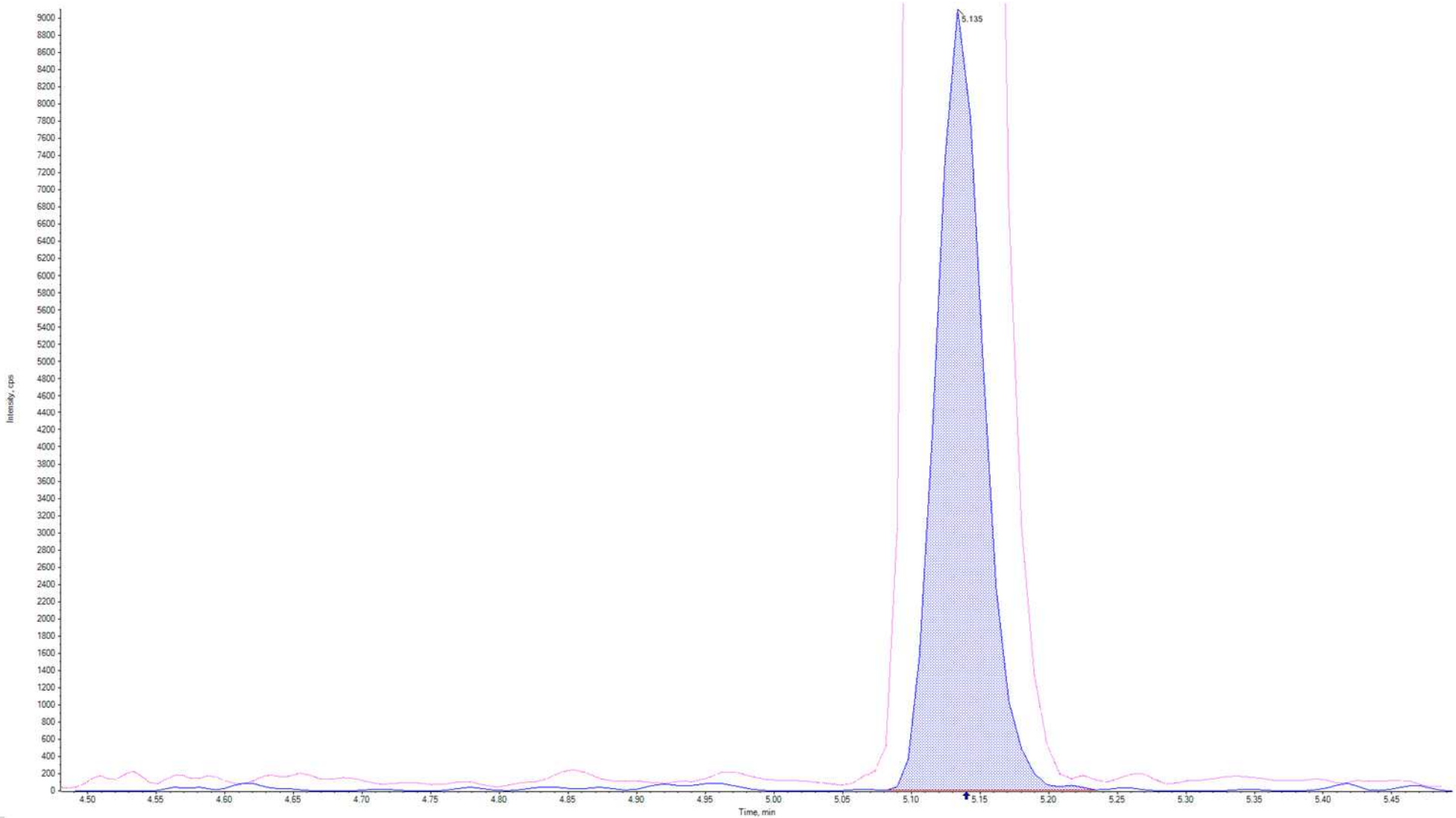
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFDoS_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



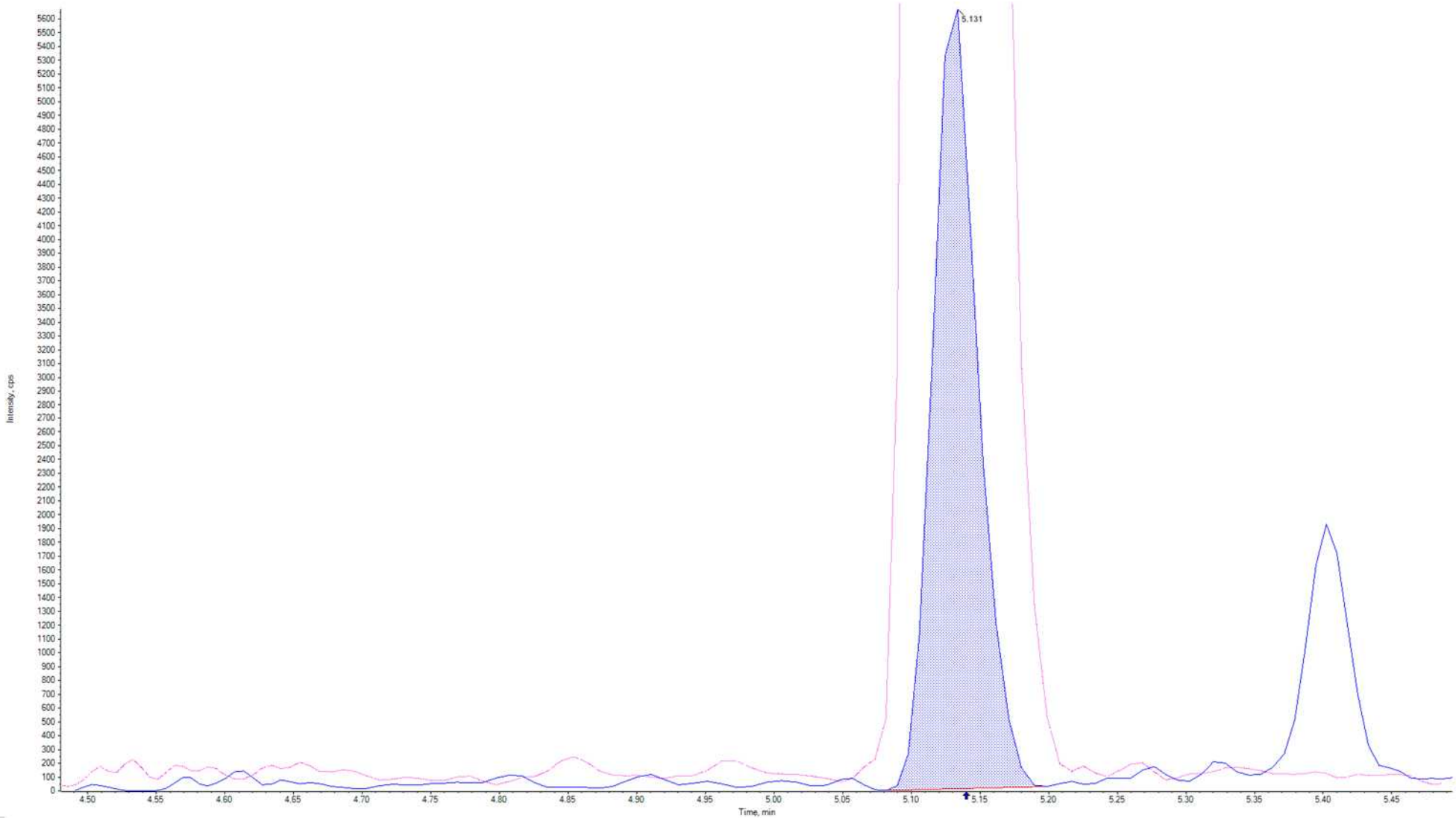
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4:2FTS
Sample: WG1958909-2,INSTBLANK S/N:531.3 Points Across peak:18



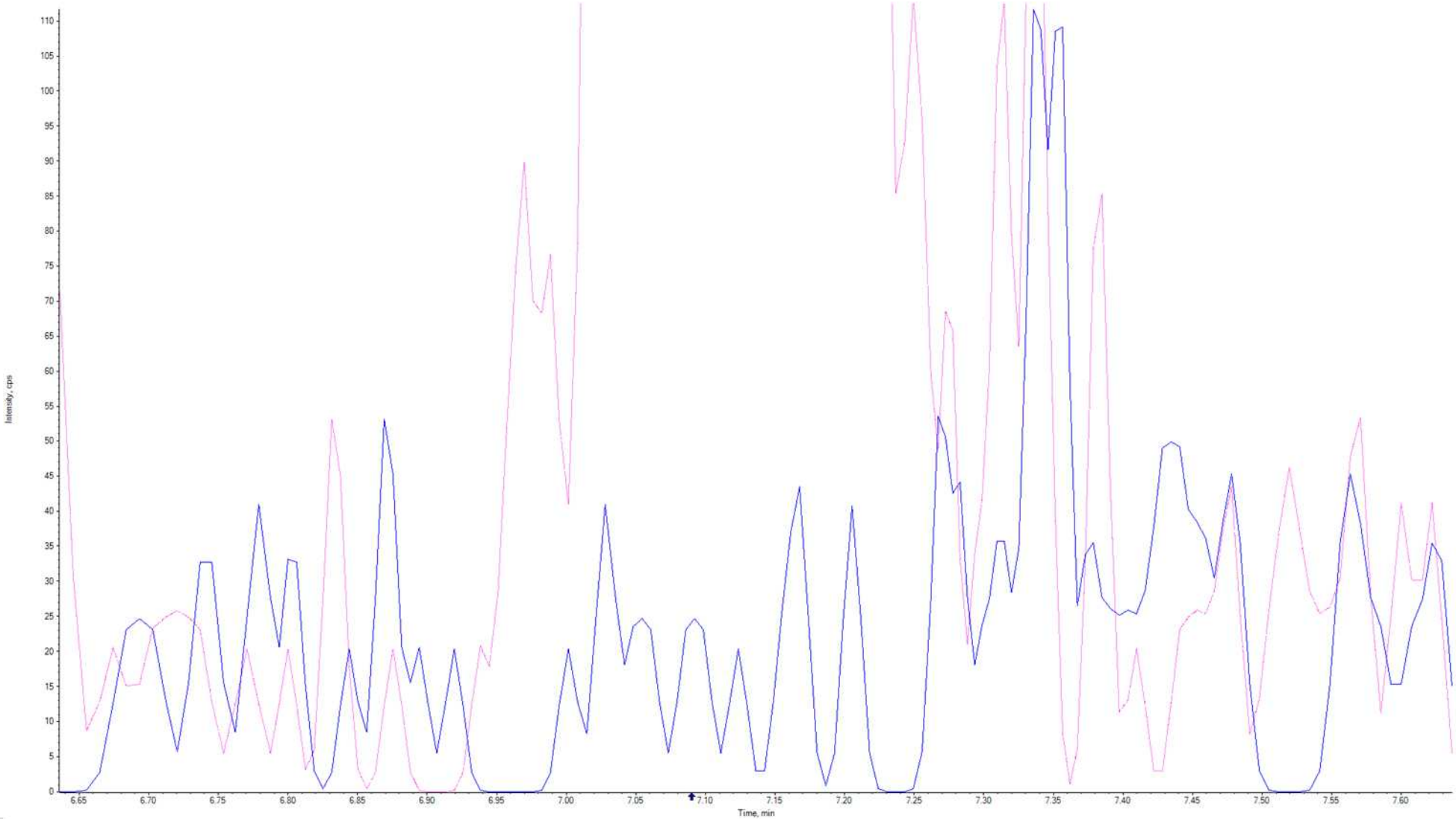
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Alpha Analytical Inc.
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4:2FTS_2
Sample: WG1958909-2,INSTBLANK S/N:2413.8 Points Across peak:14



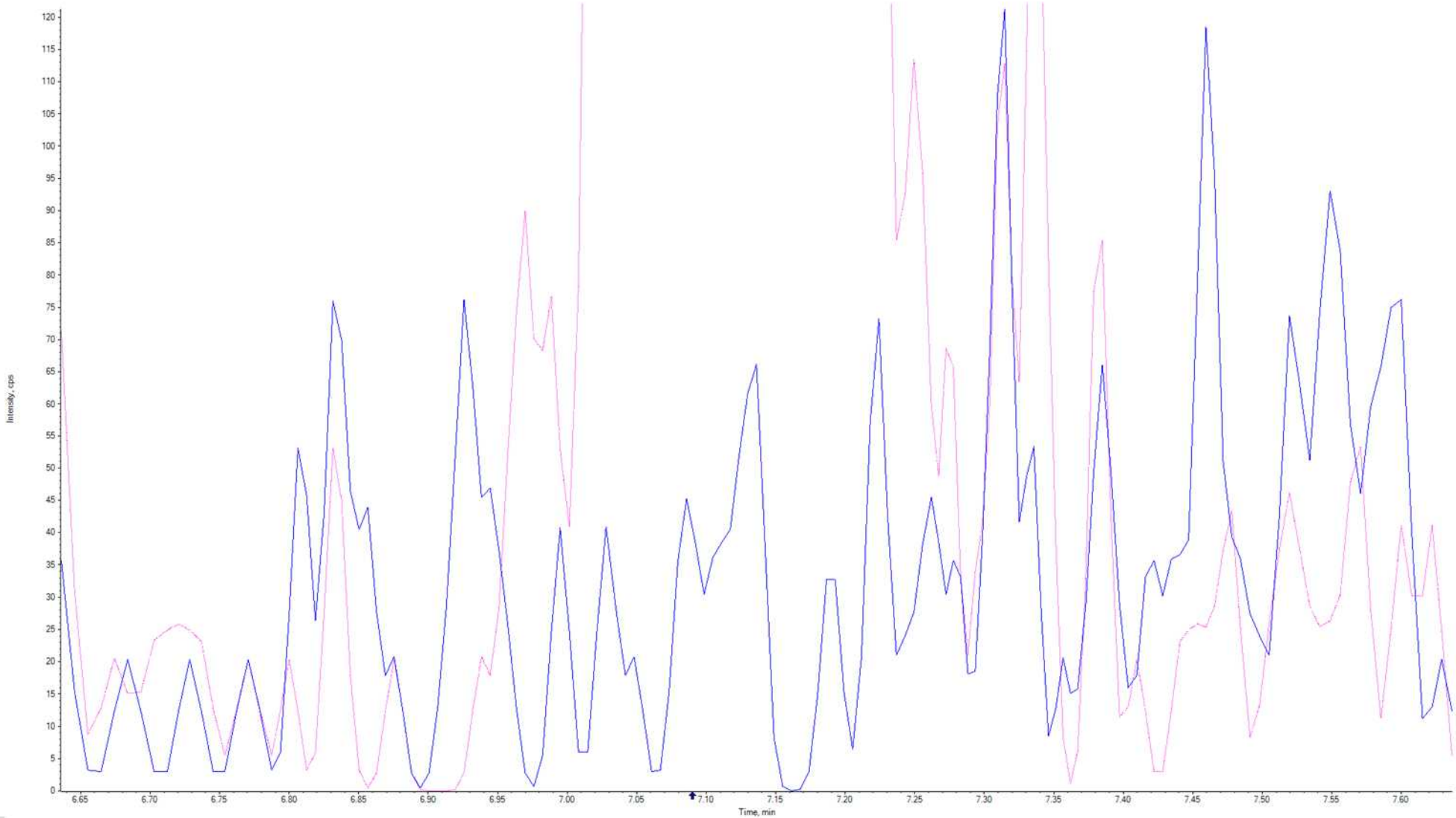
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

6:2FTS
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



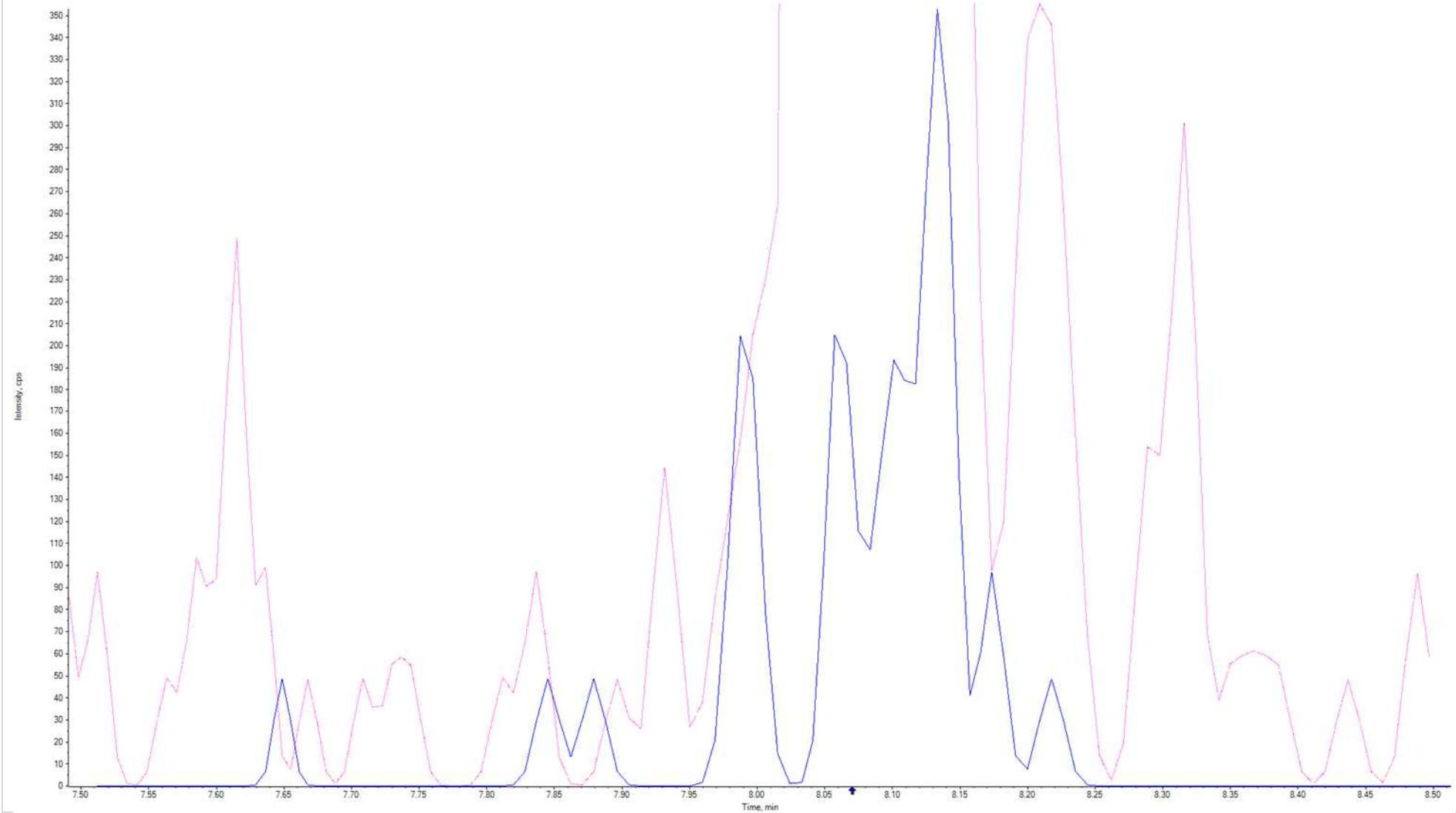
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

6:2FTS_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A

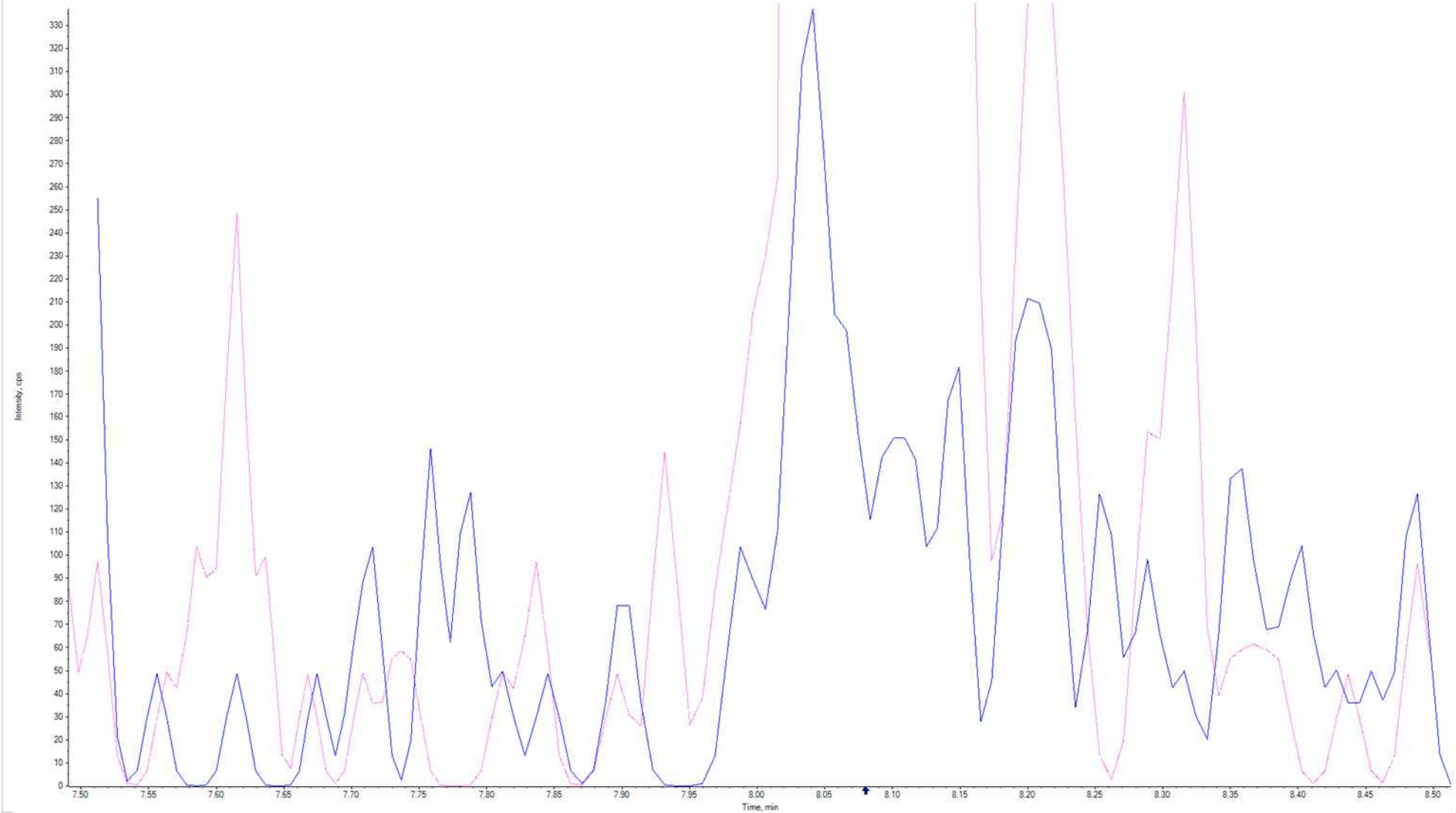


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

8:2FTS
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A

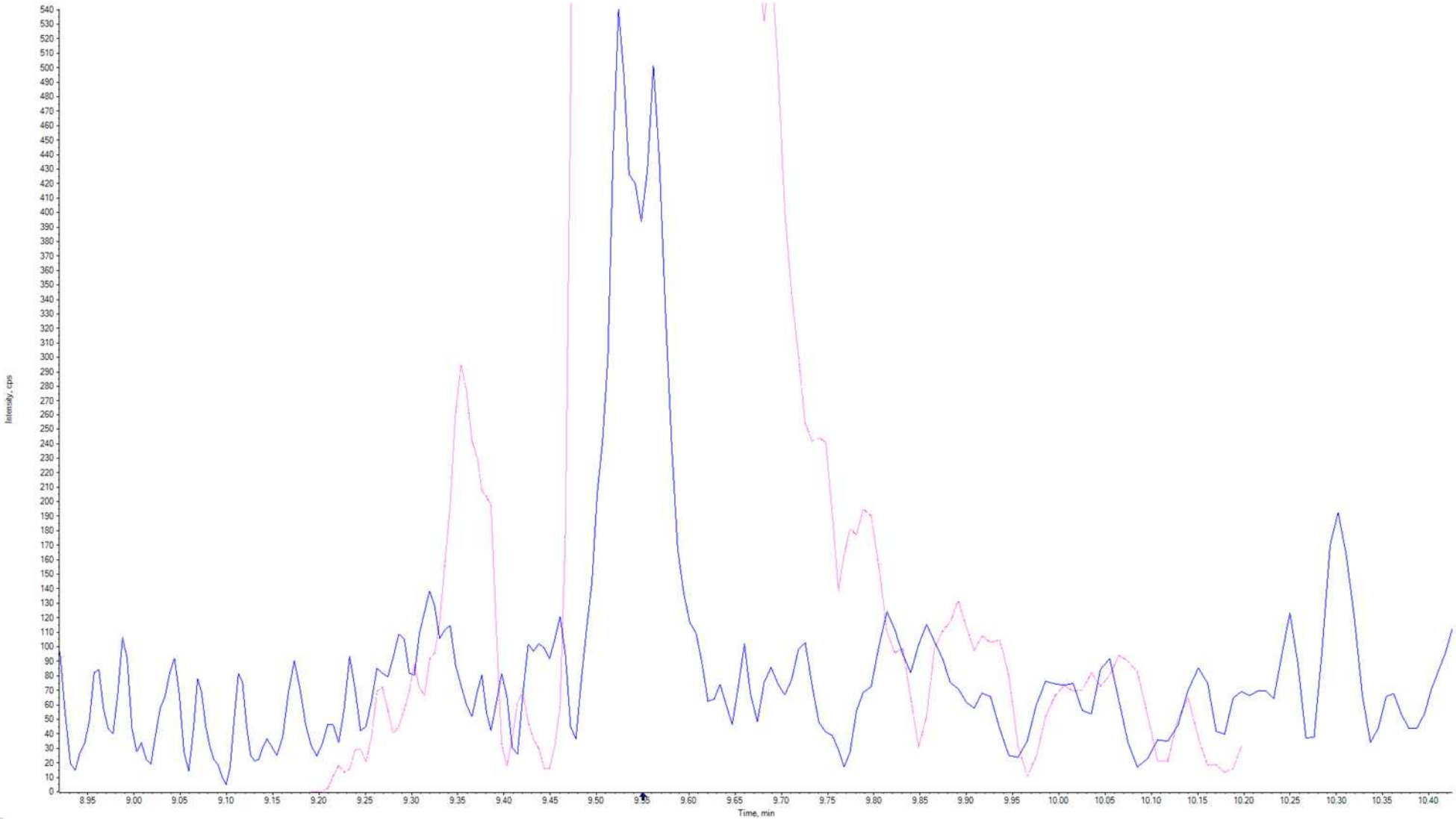


8:2FTS_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



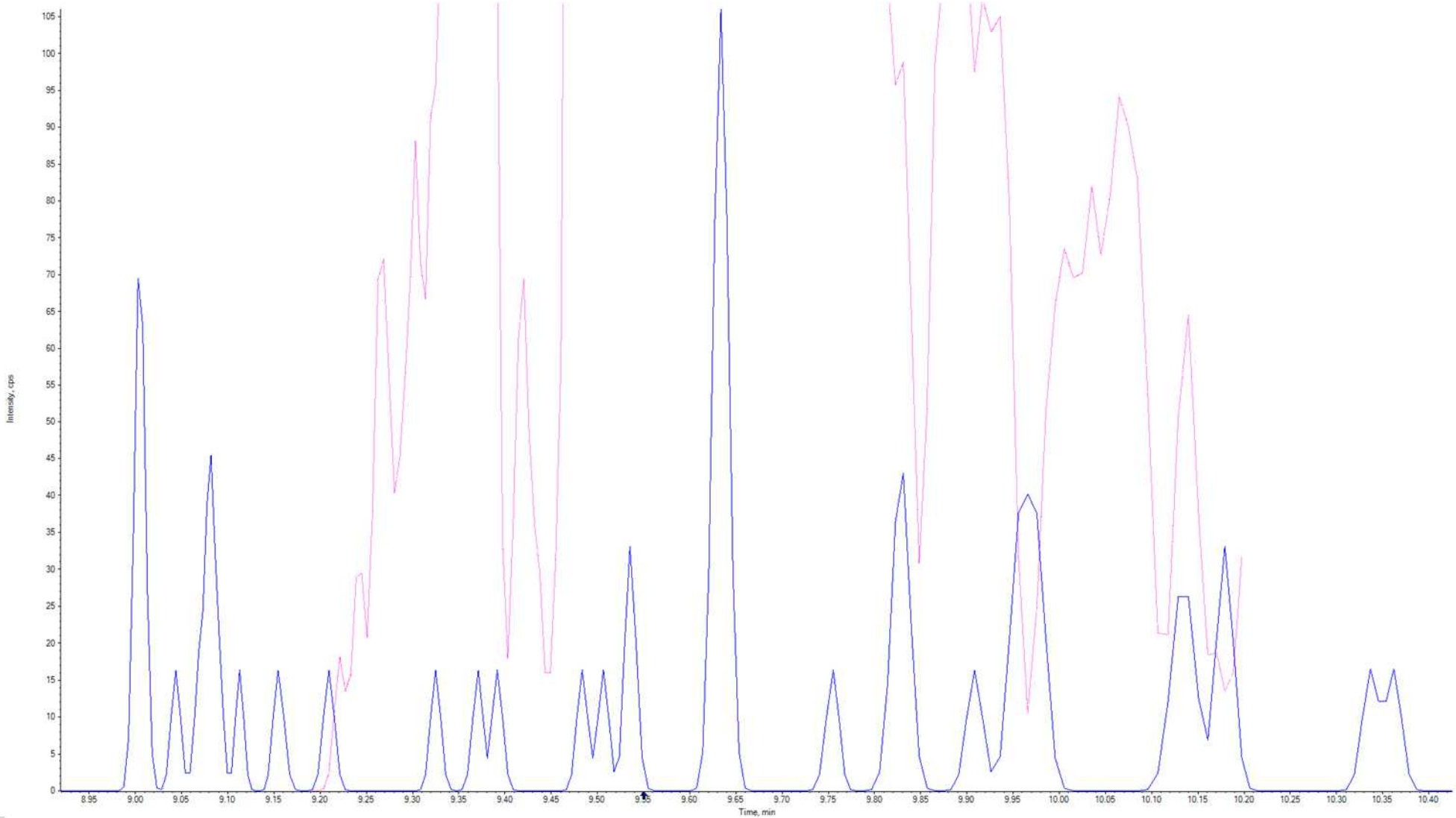
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFOSA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A

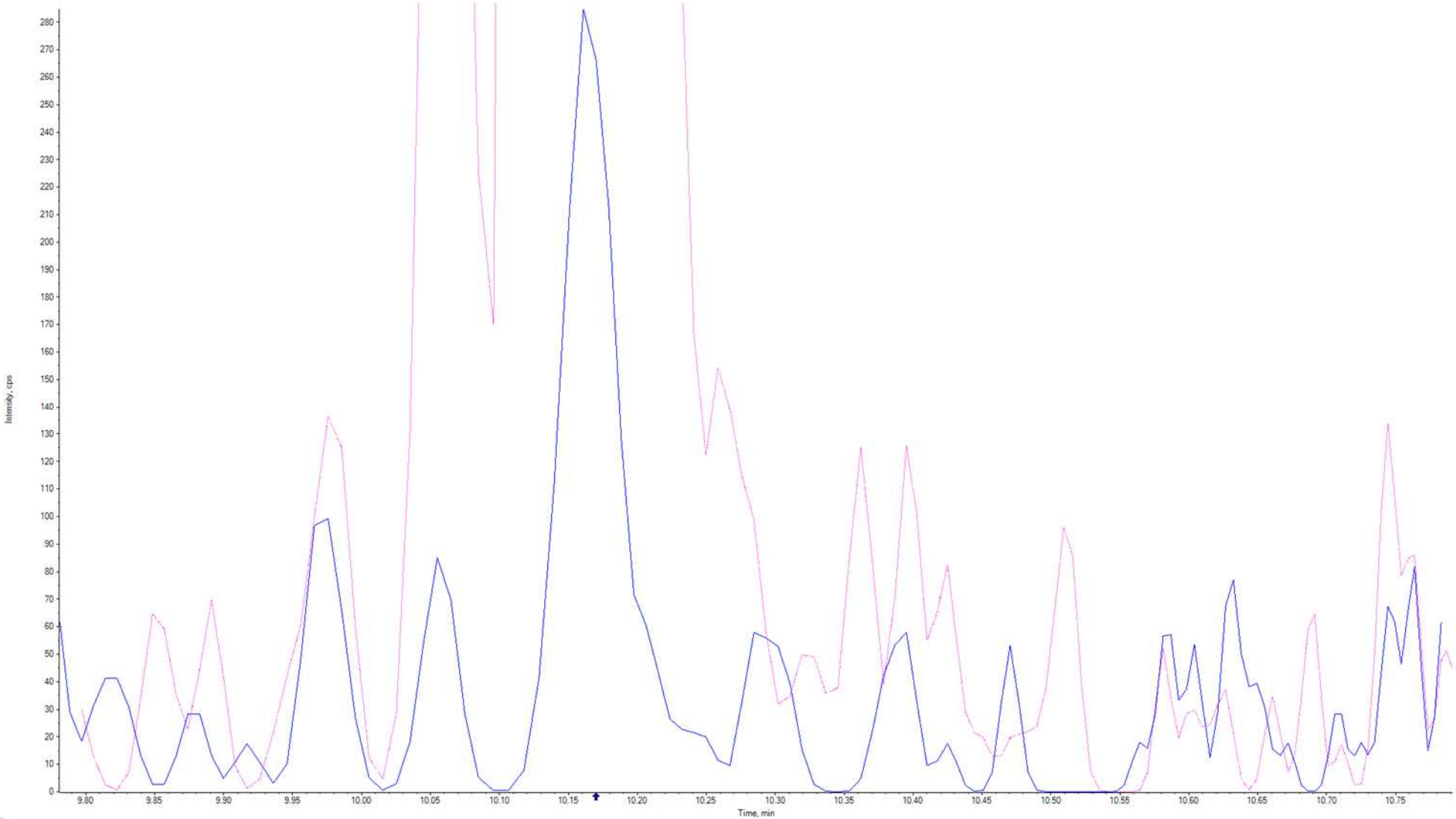


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFOSA_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A

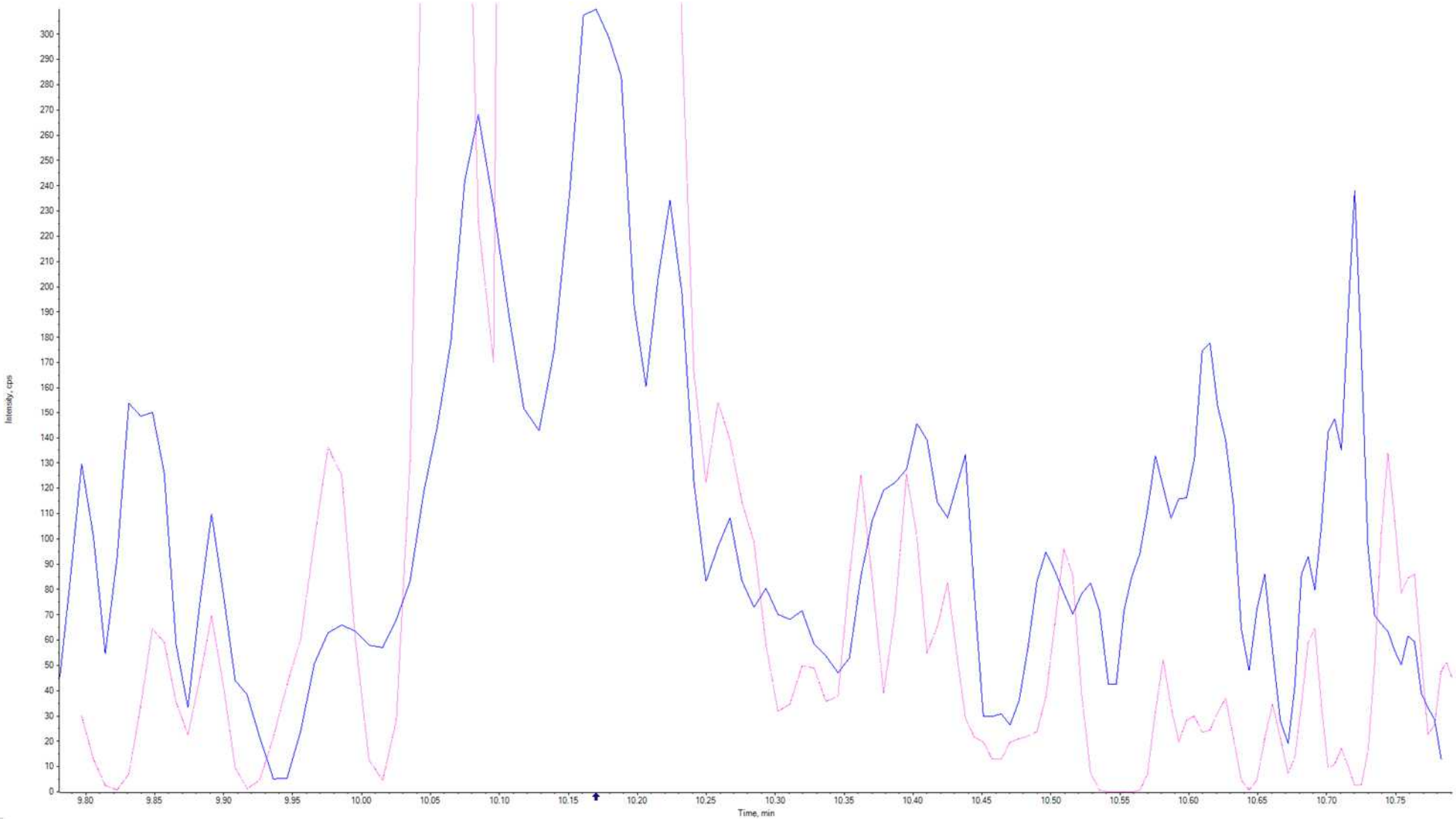


NMeFOSA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



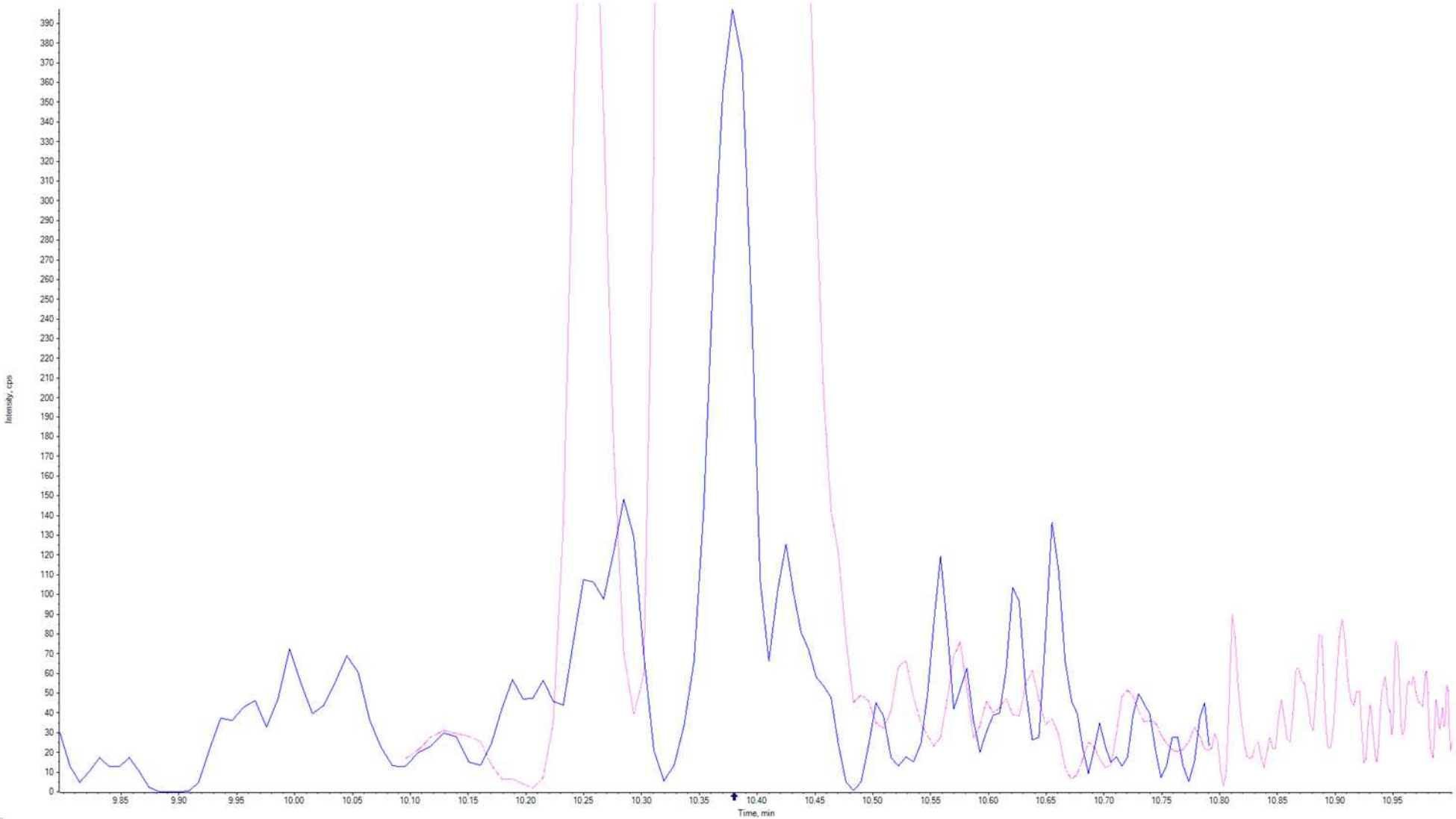
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NMeFOSA_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



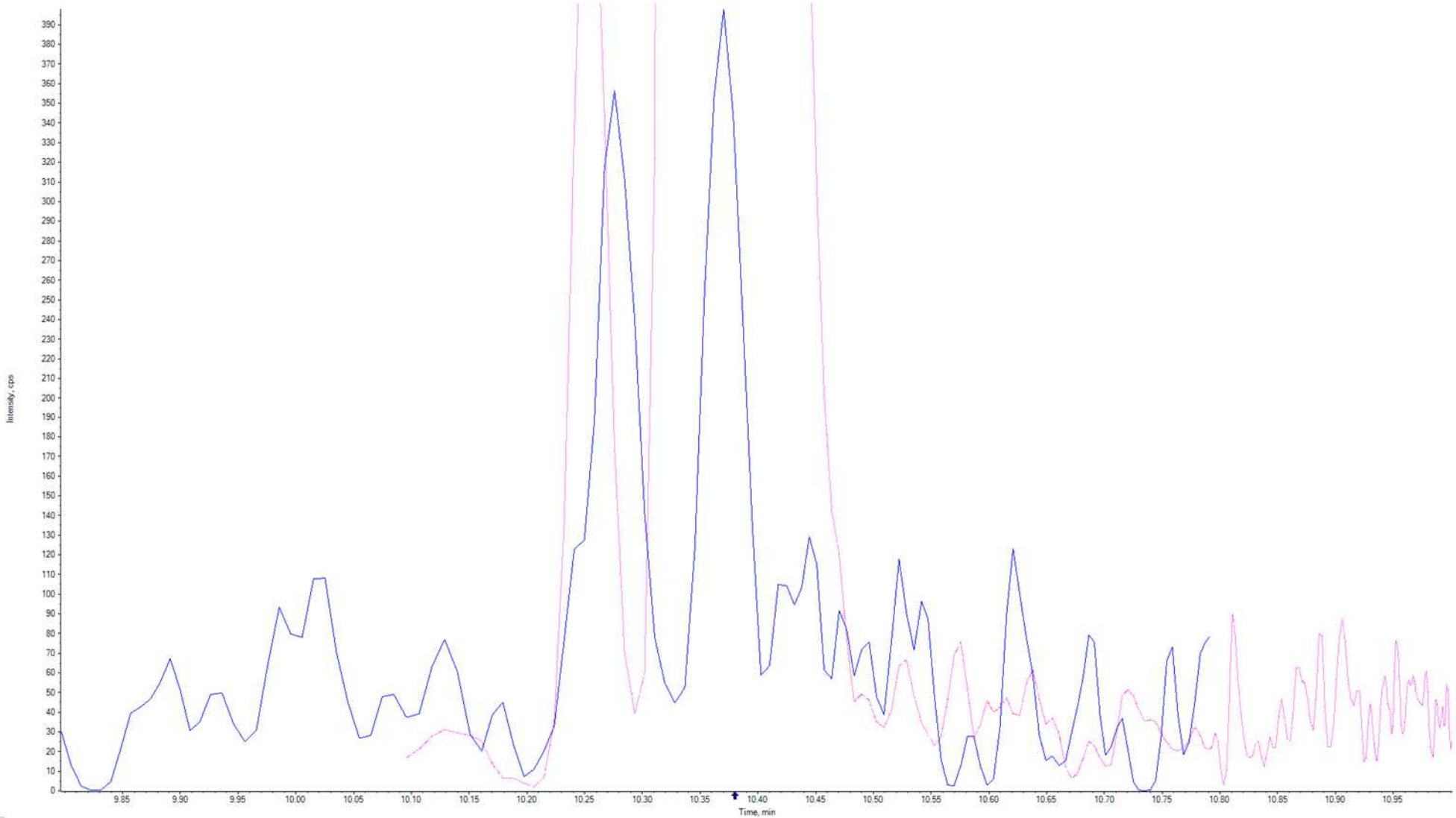
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



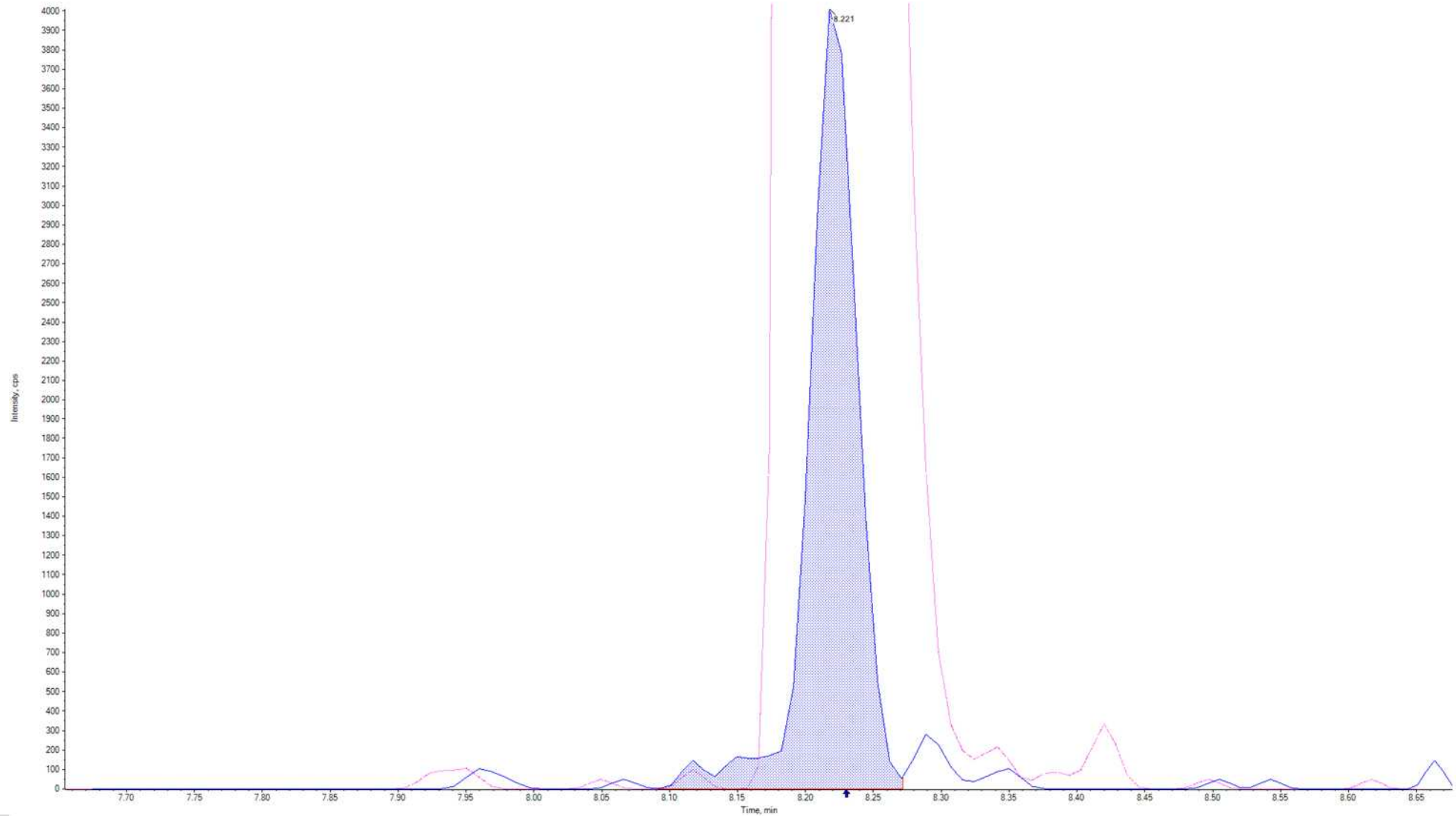
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSA_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



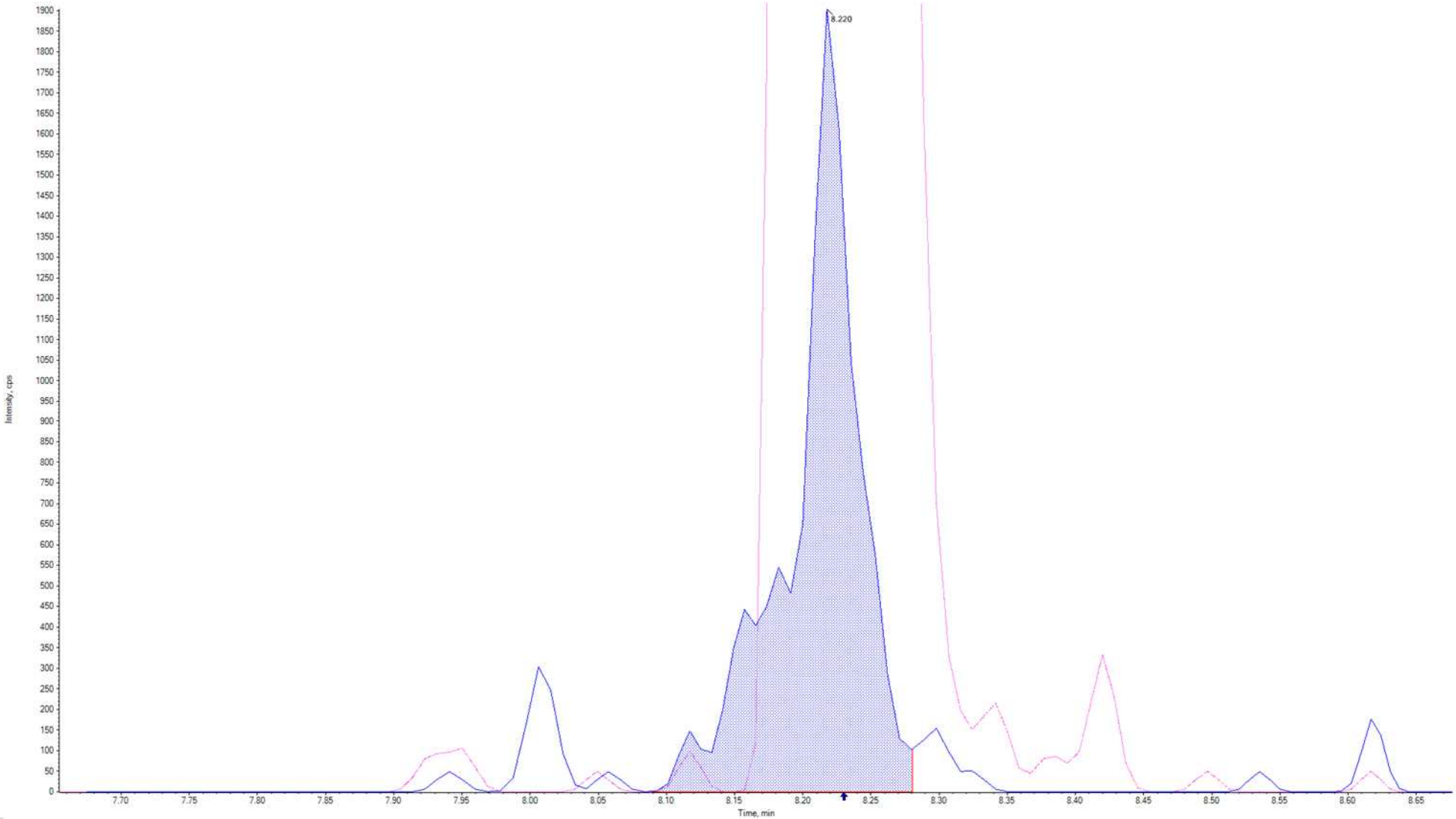
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NMeFOSAA
Sample: WG1958909-2,INSTBLANK S/N:167.2 Points Across peak:24



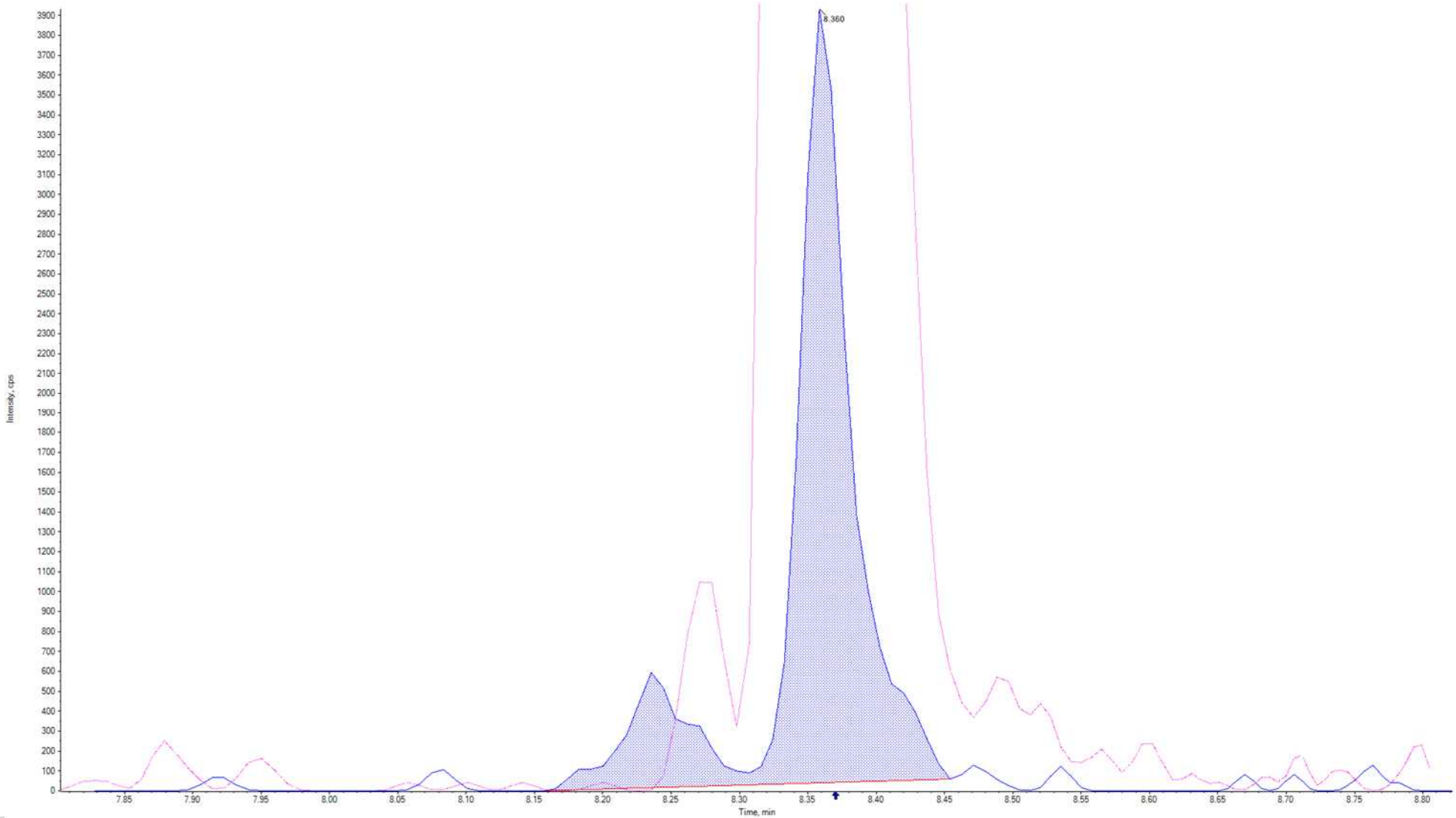
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NMeFOSAA_2
Sample: WG1958909-2,INSTBLANK S/N:109.6 Points Across peak:25



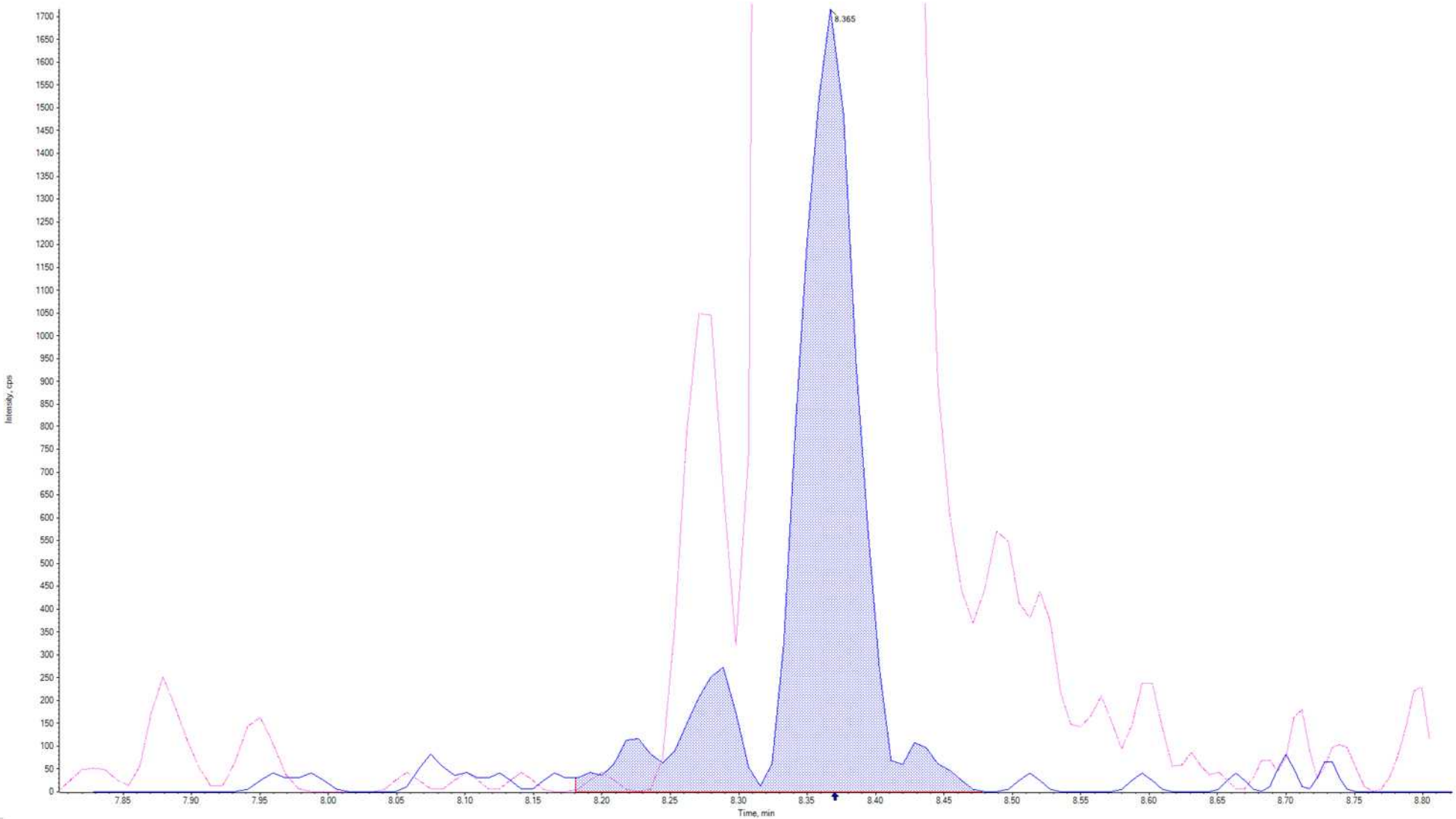
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSAA
Sample: WG1958909-2,INSTBLANK S/N:122.2 Points Across peak:35



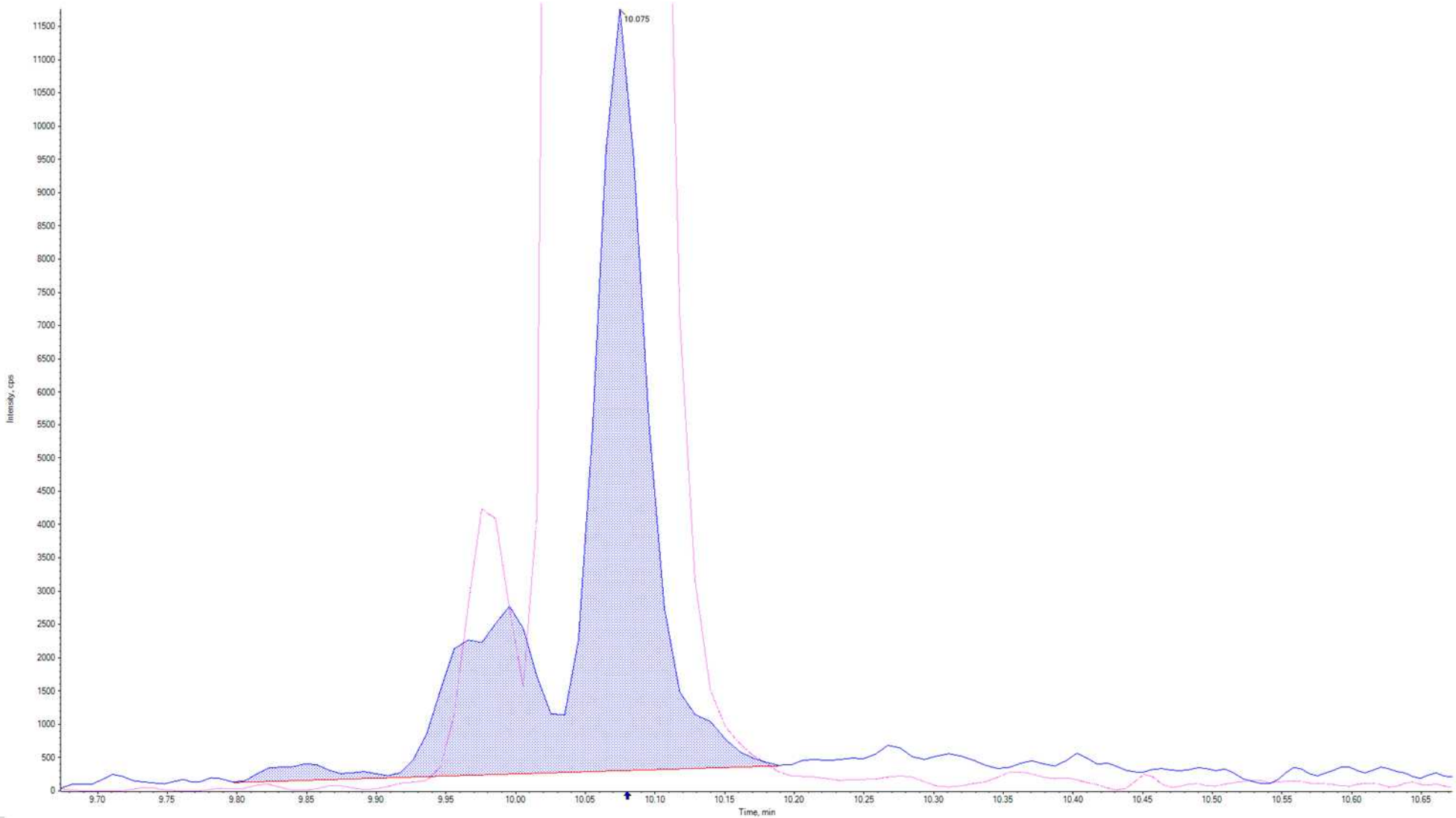
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSAA_2
Sample: WG1958909-2,INSTBLANK S/N:104.3 Points Across peak:36



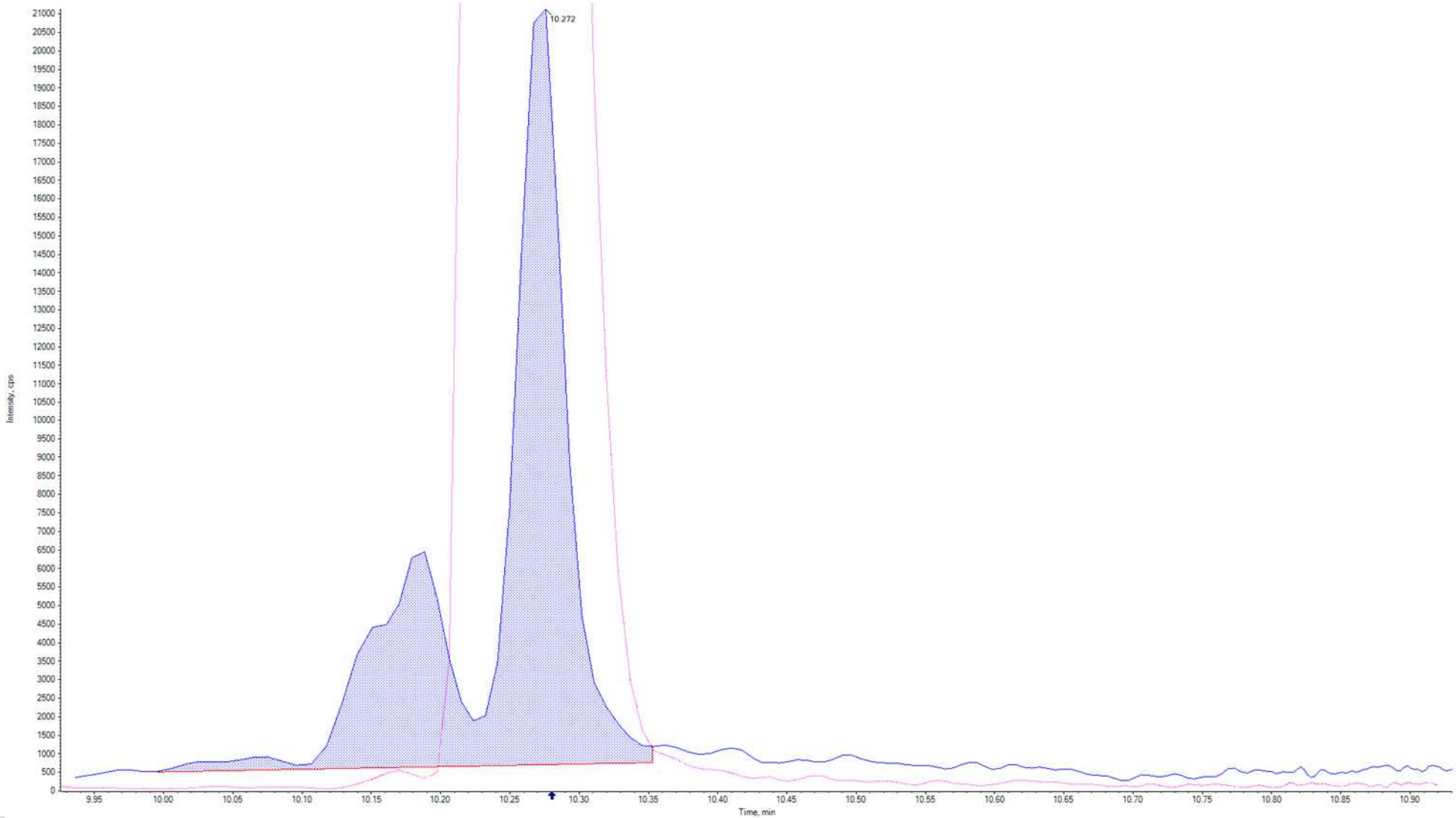
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NMeFOSE
Sample: WG1958909-2,INSTBLANK S/N:318.3 Points Across peak:43



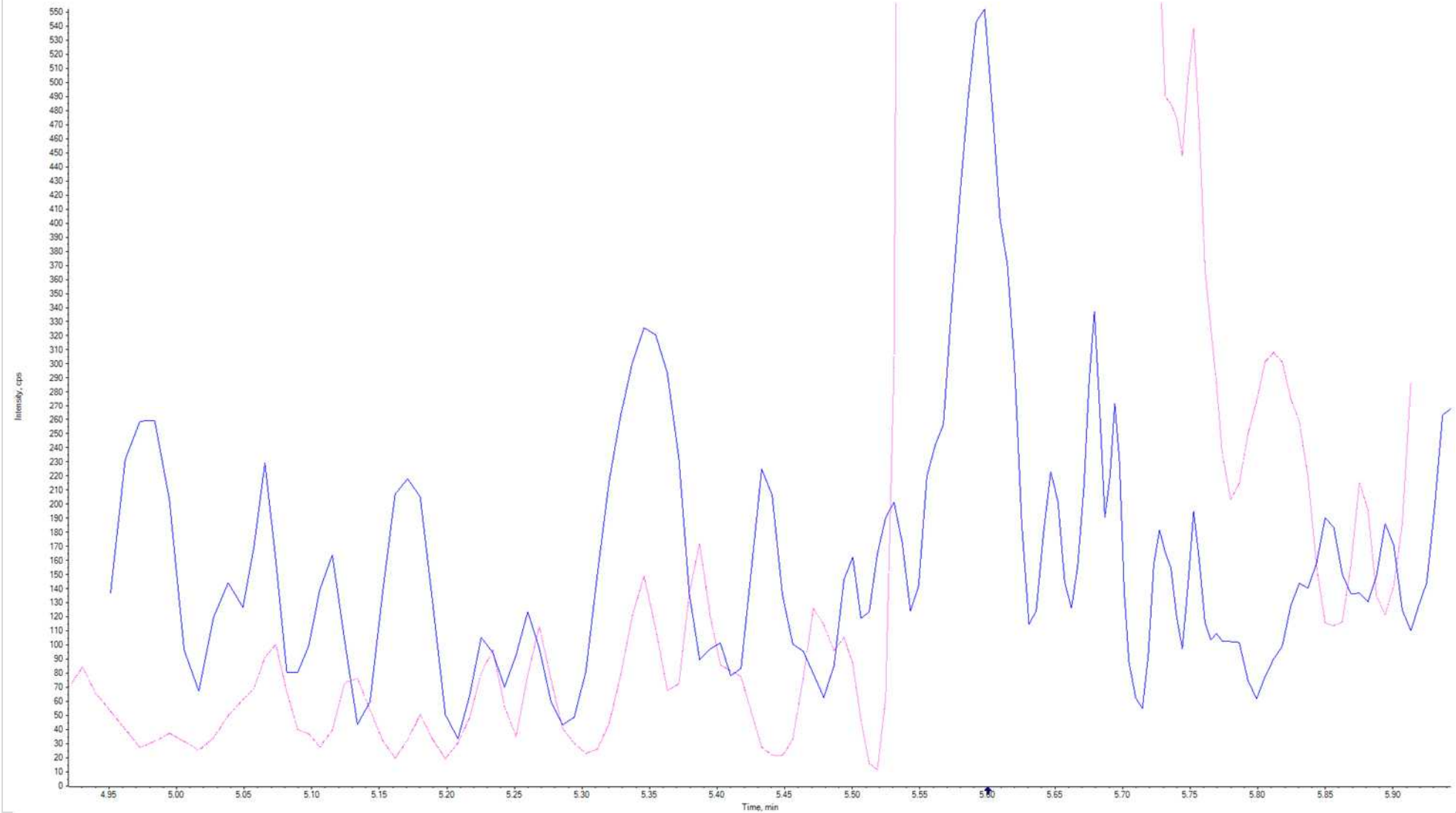
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSE
Sample: WG1958909-2,INSTBLANK S/N:277.1 Points Across peak:40

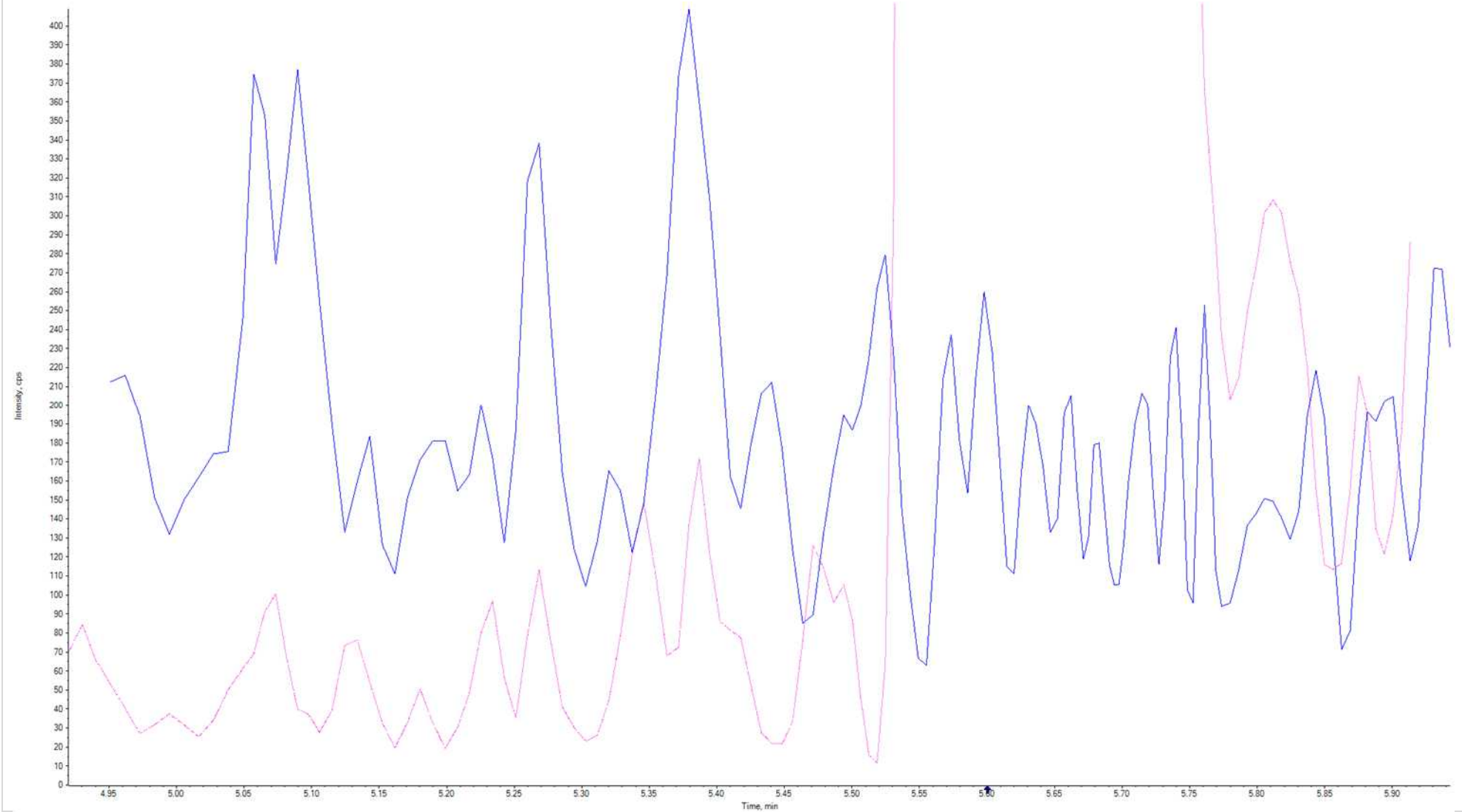


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

HFPO-DA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A

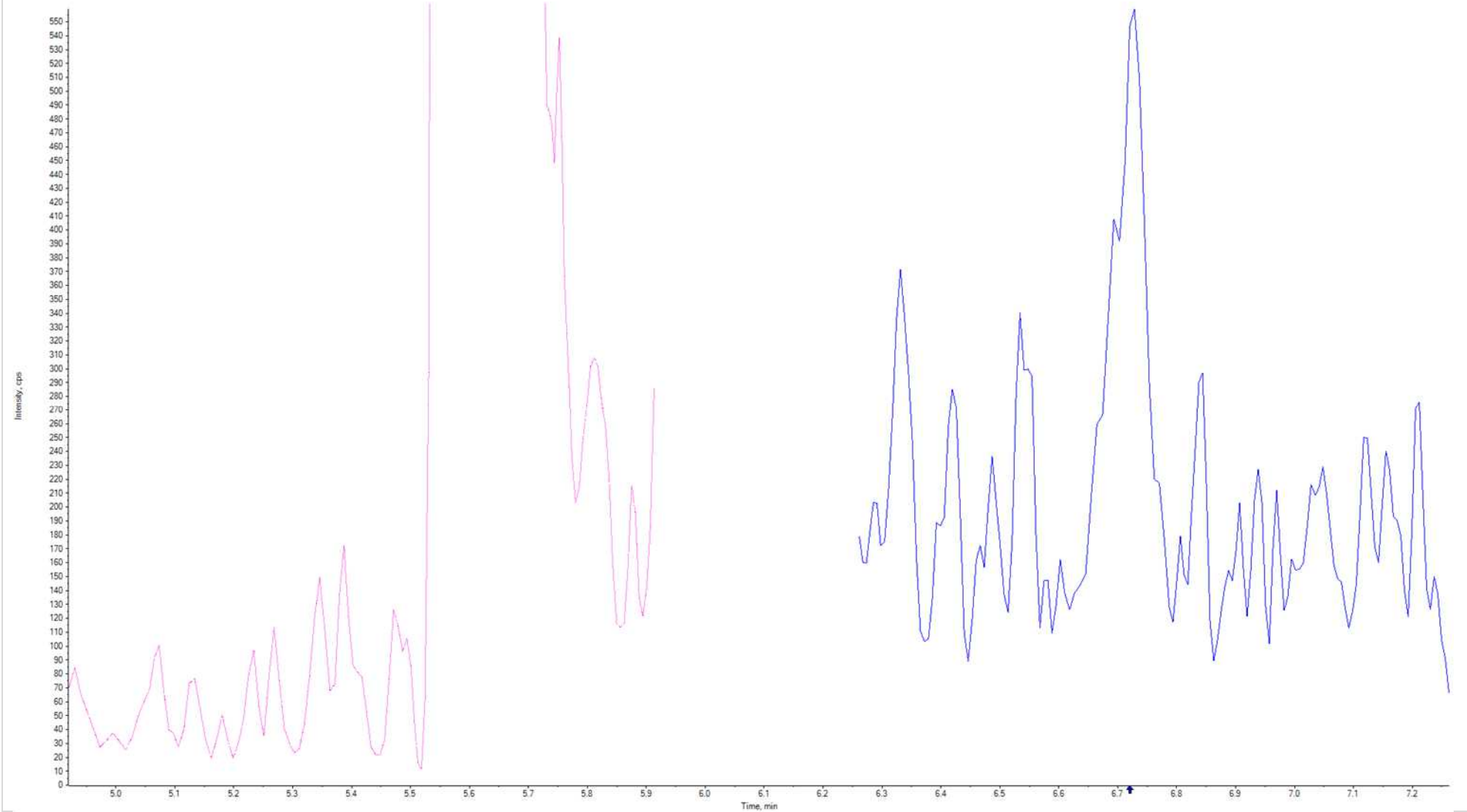


HFPO-DA_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



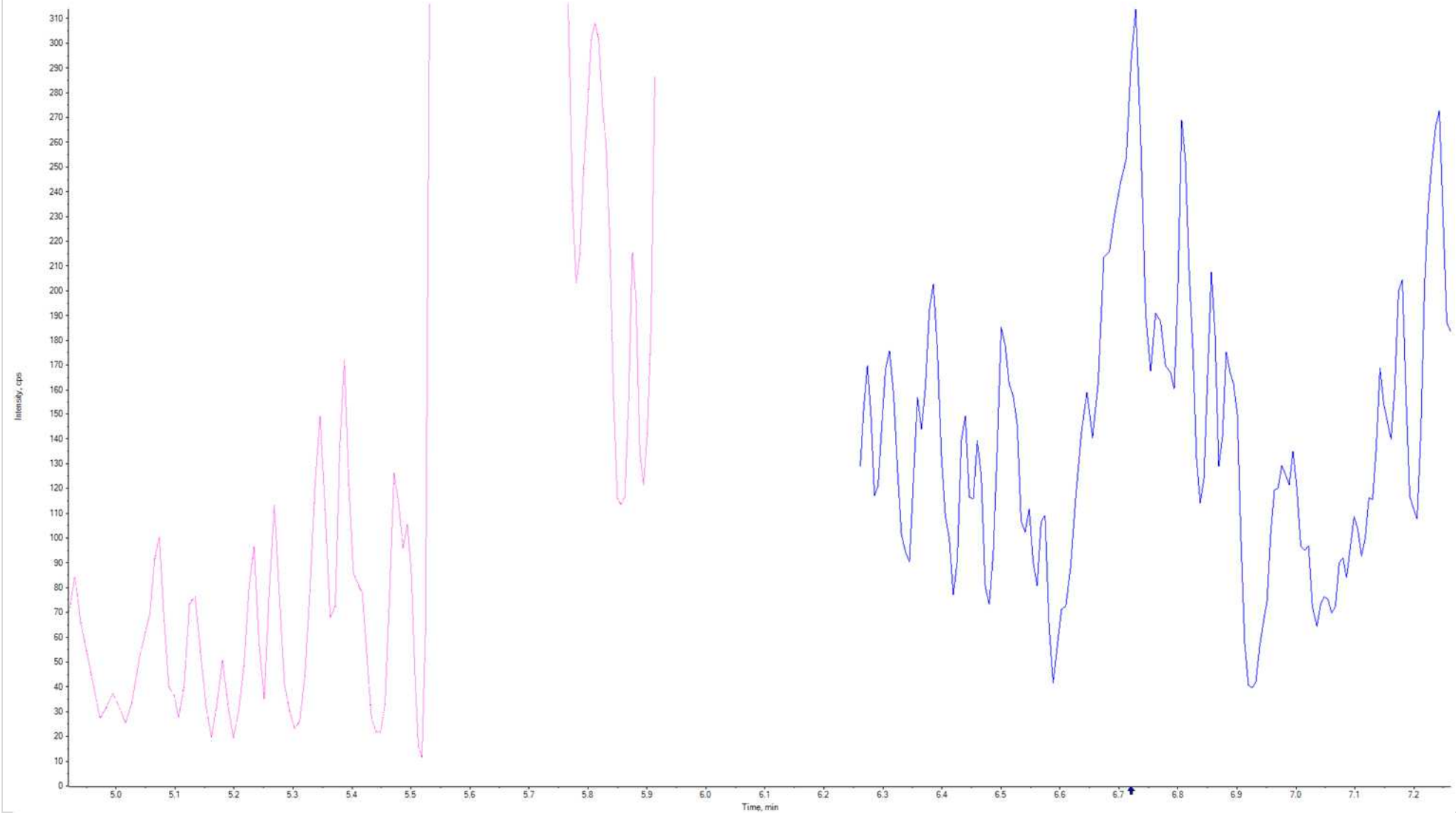
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

ADONA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



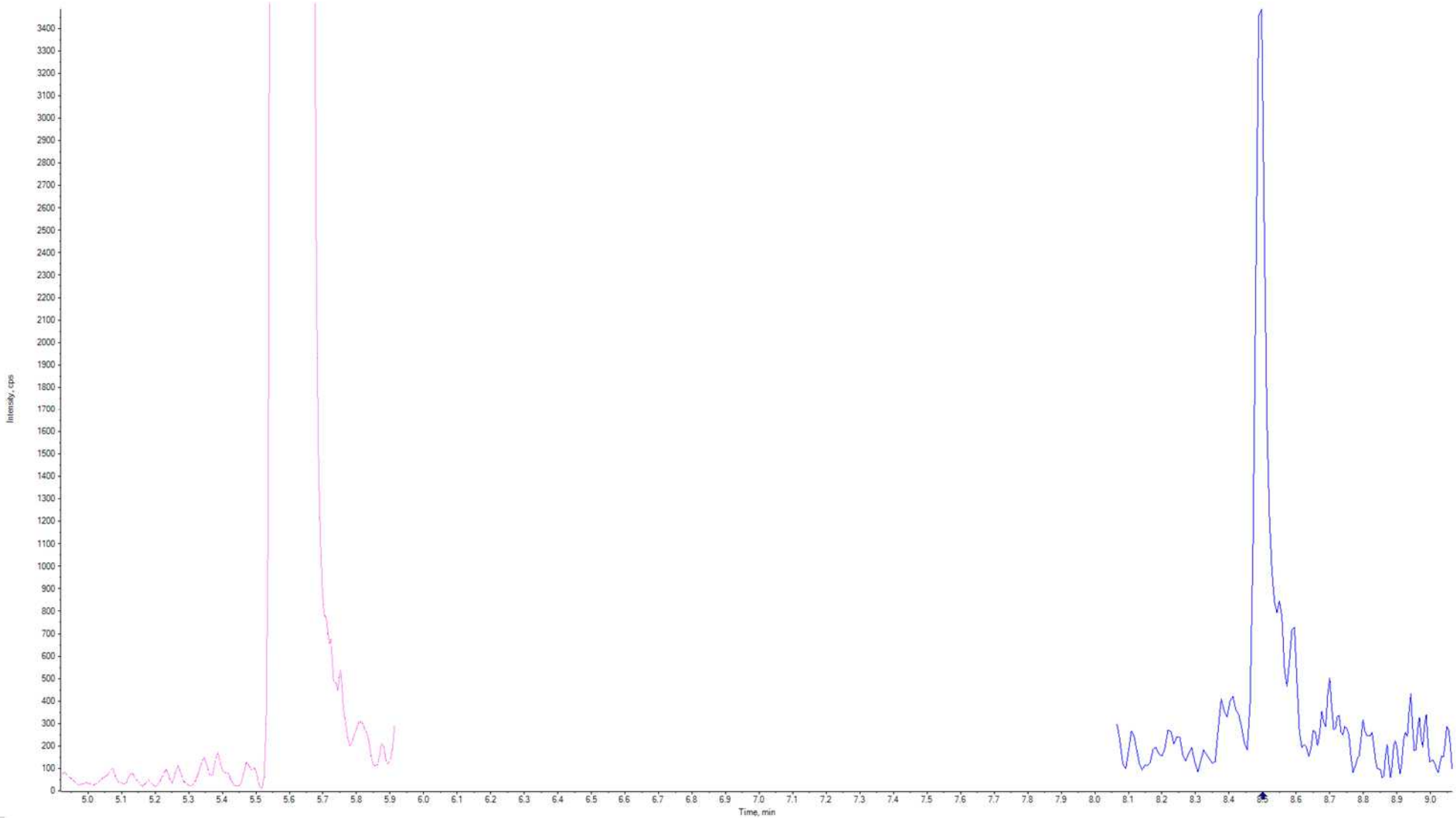
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

ADONA_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



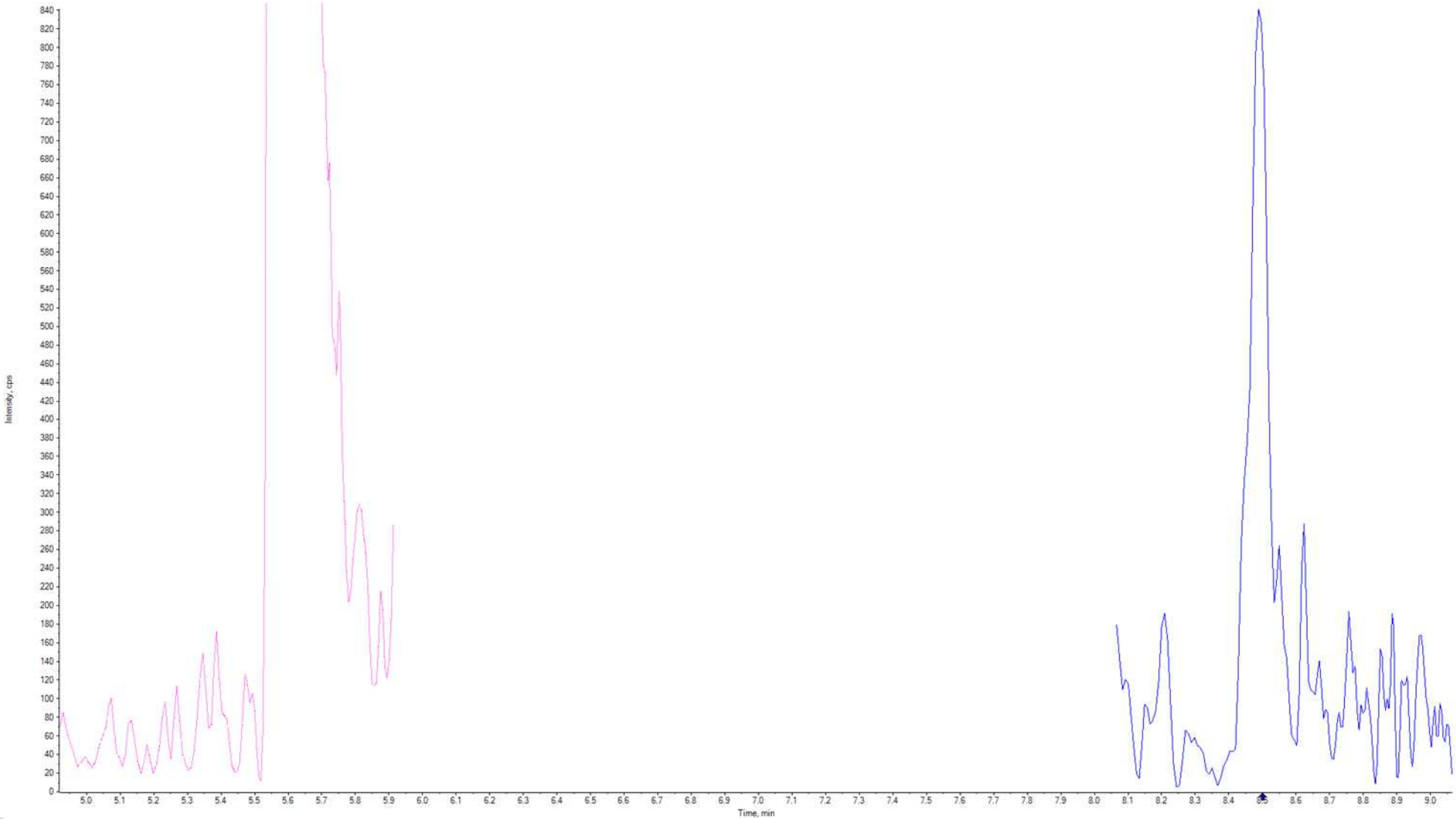
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

9Cl-PF3ONS
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

9Cl-PF3ONS_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

11Cl-PF3OUdS
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



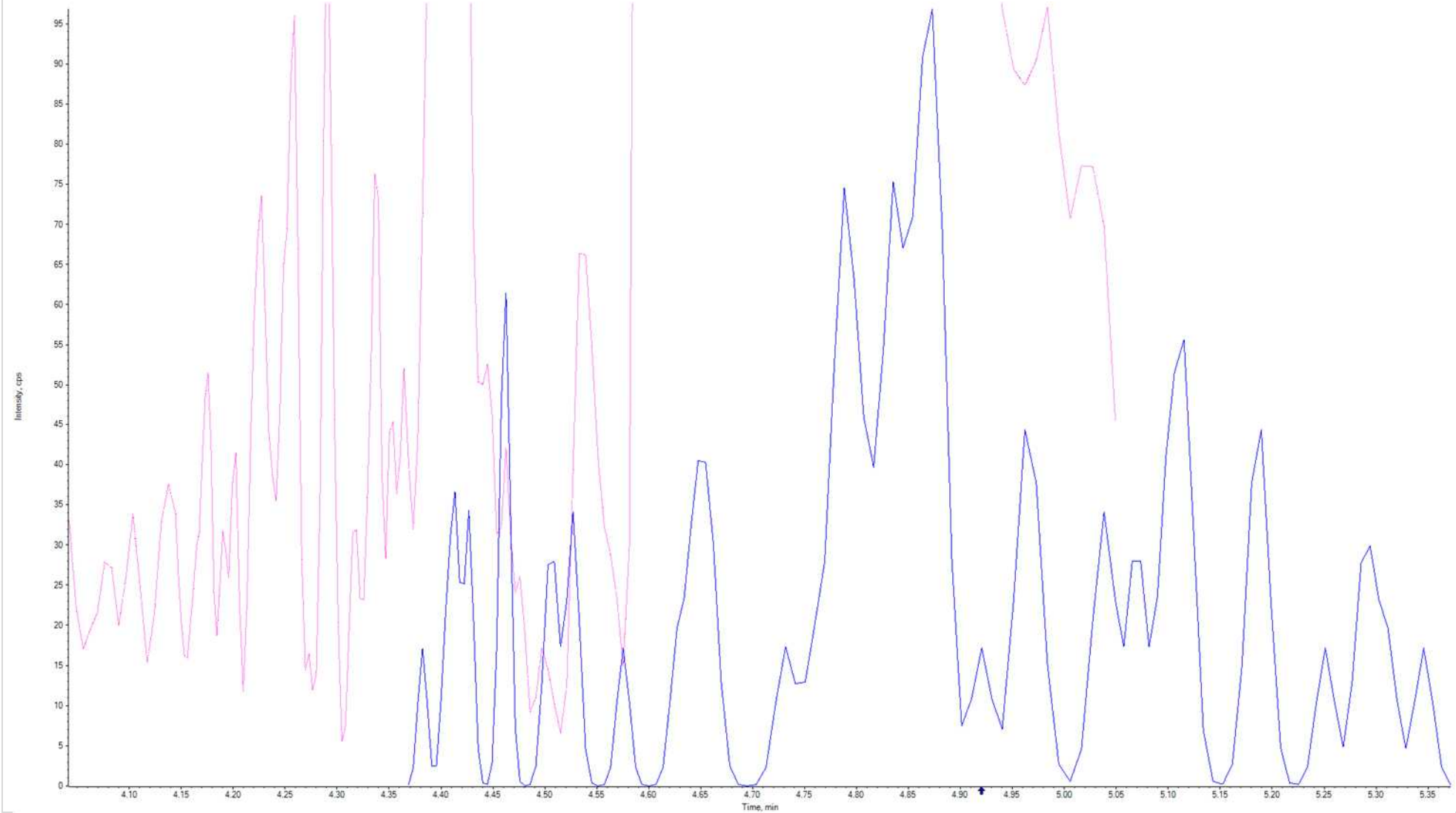
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

11Cl-PF3OUdS_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



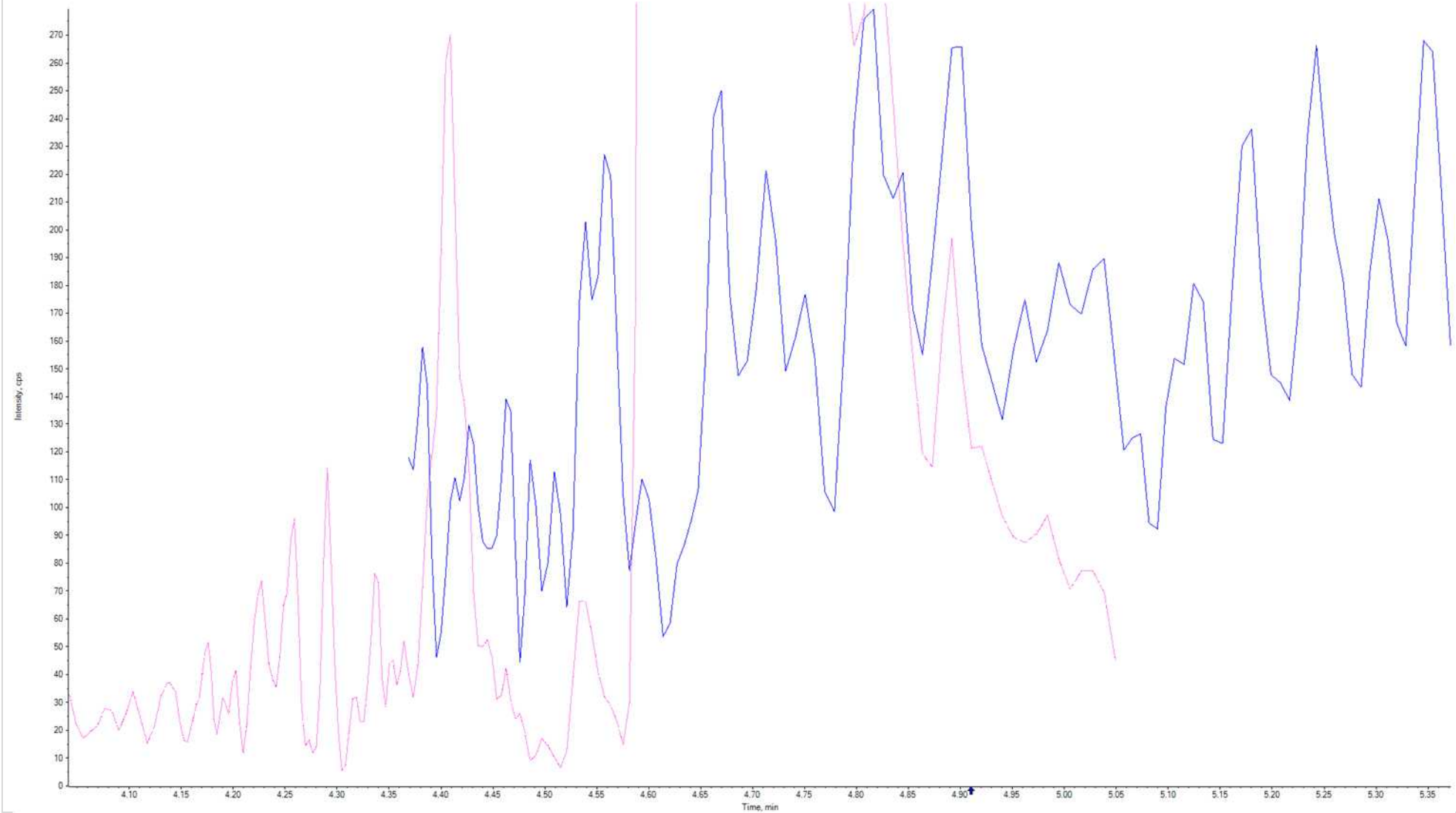
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

3:3FTCA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



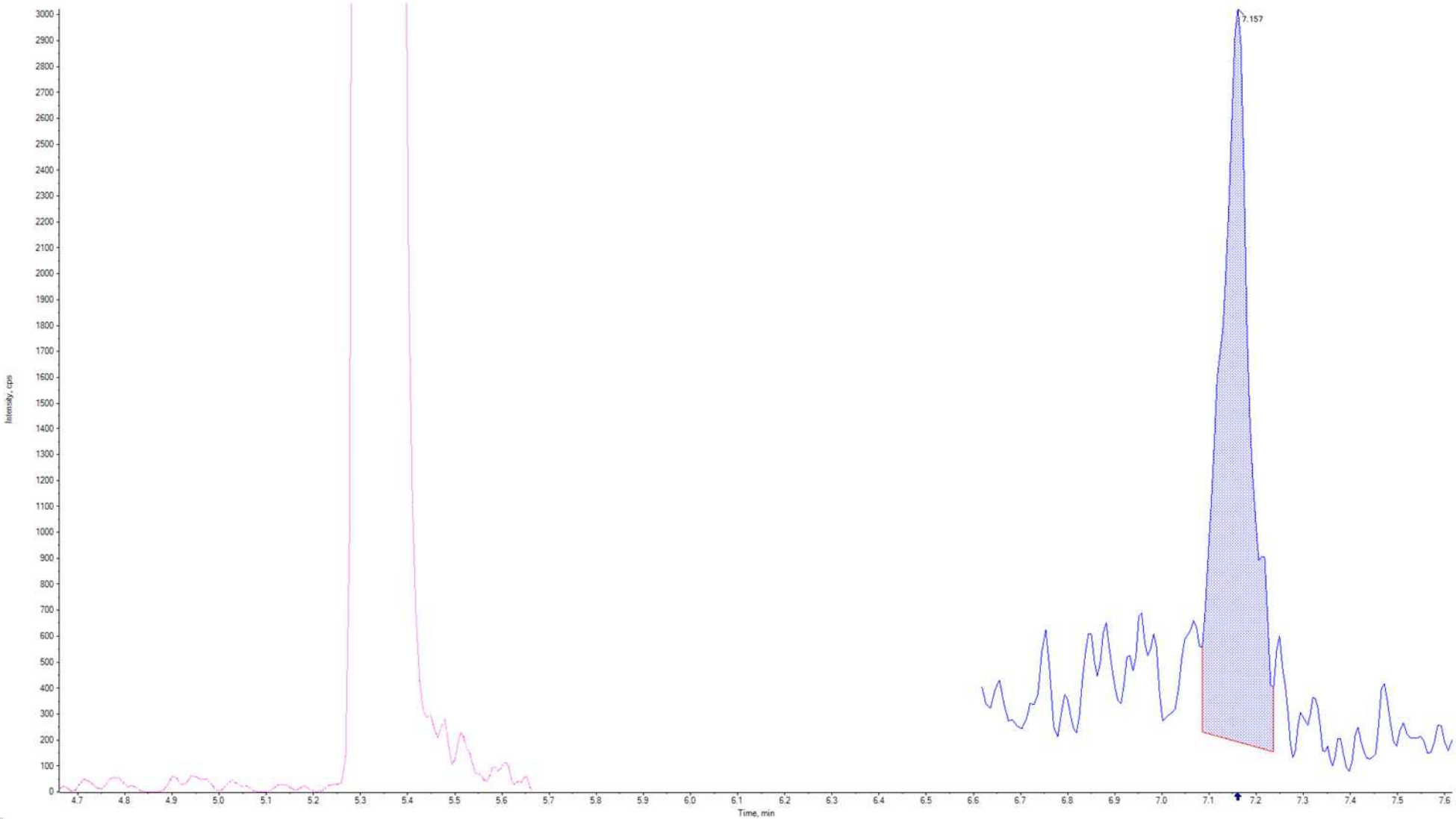
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

3:3FTCA_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



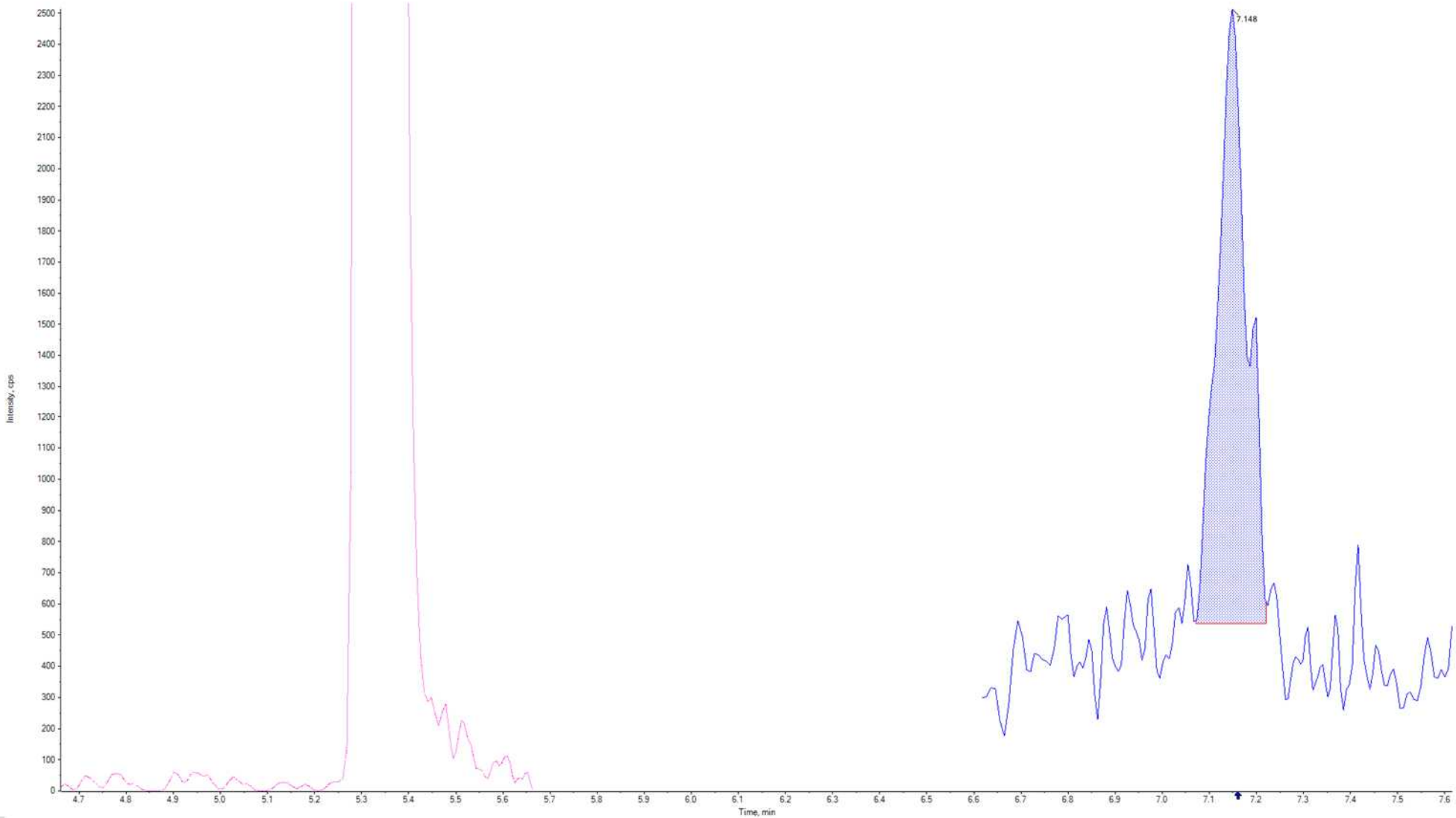
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

5:3FTCA
Sample: WG1958909-2,INSTBLANK S/N:97.9 Points Across peak:25



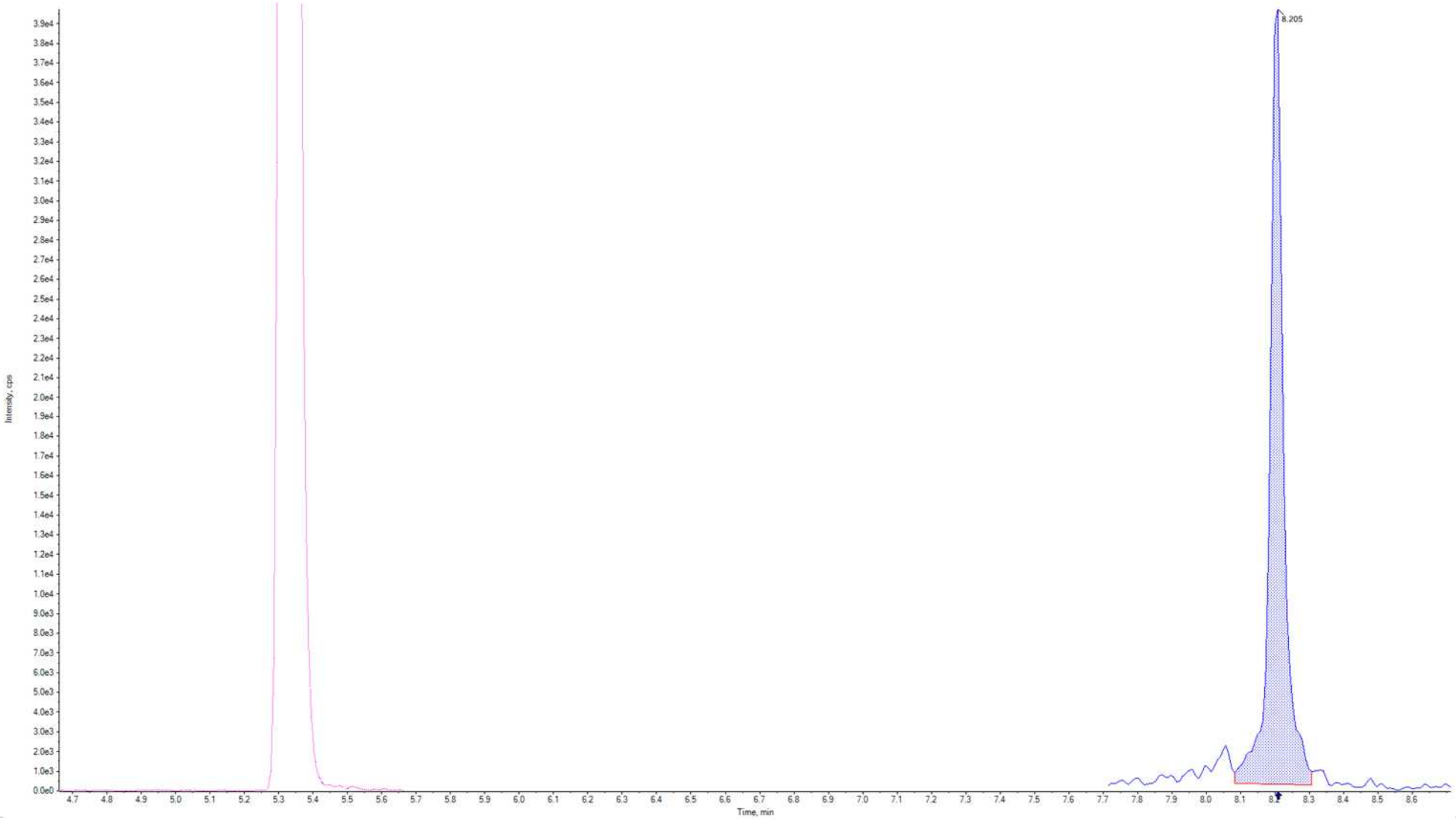
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

5:3FTCA_2
Sample: WG1958909-2,INSTBLANK S/N:47.3 Points Across peak:26



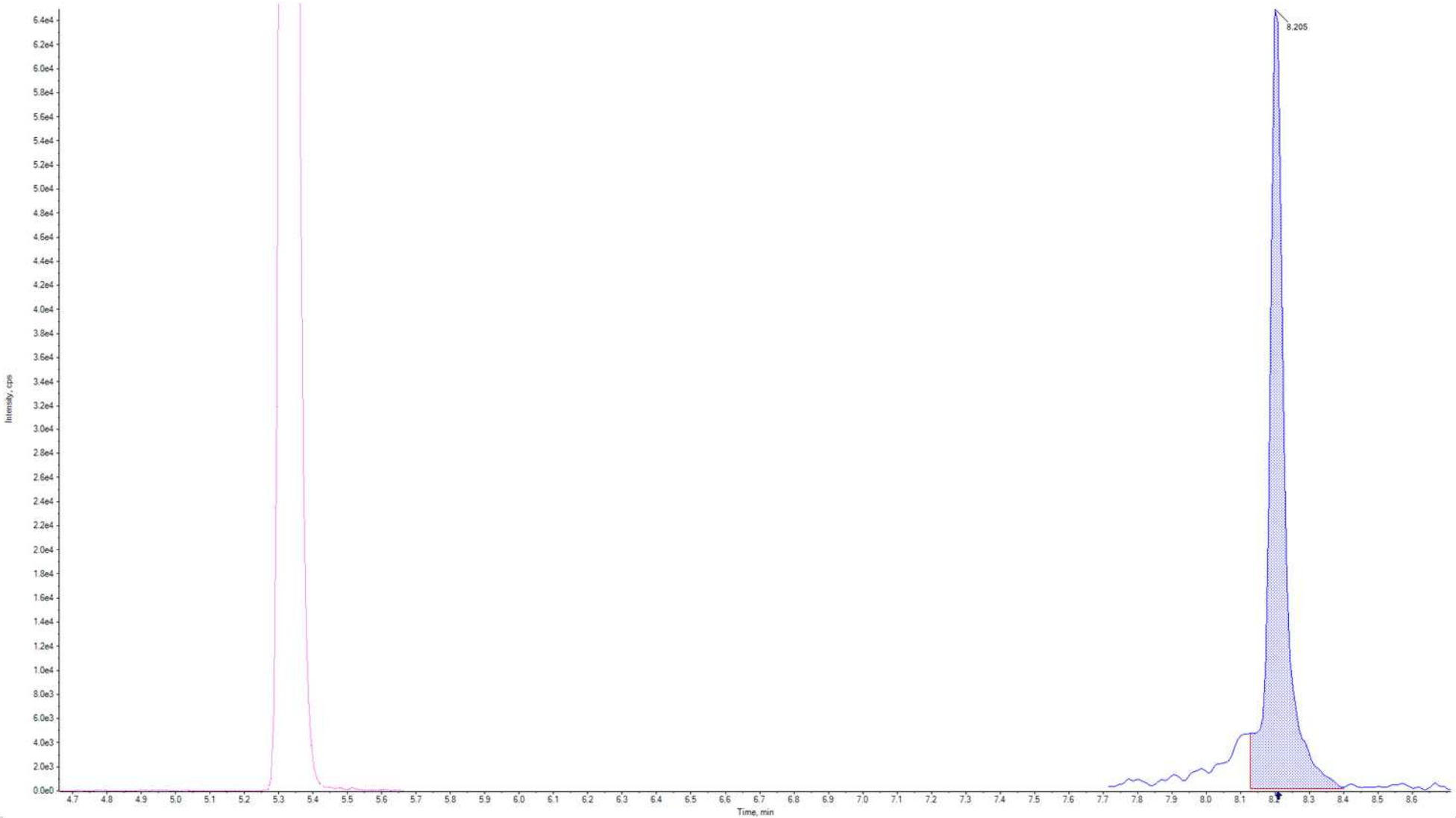
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

7:3FTCA
Sample: WG1958909-2,INSTBLANK S/N:741.6 Points Across peak:27



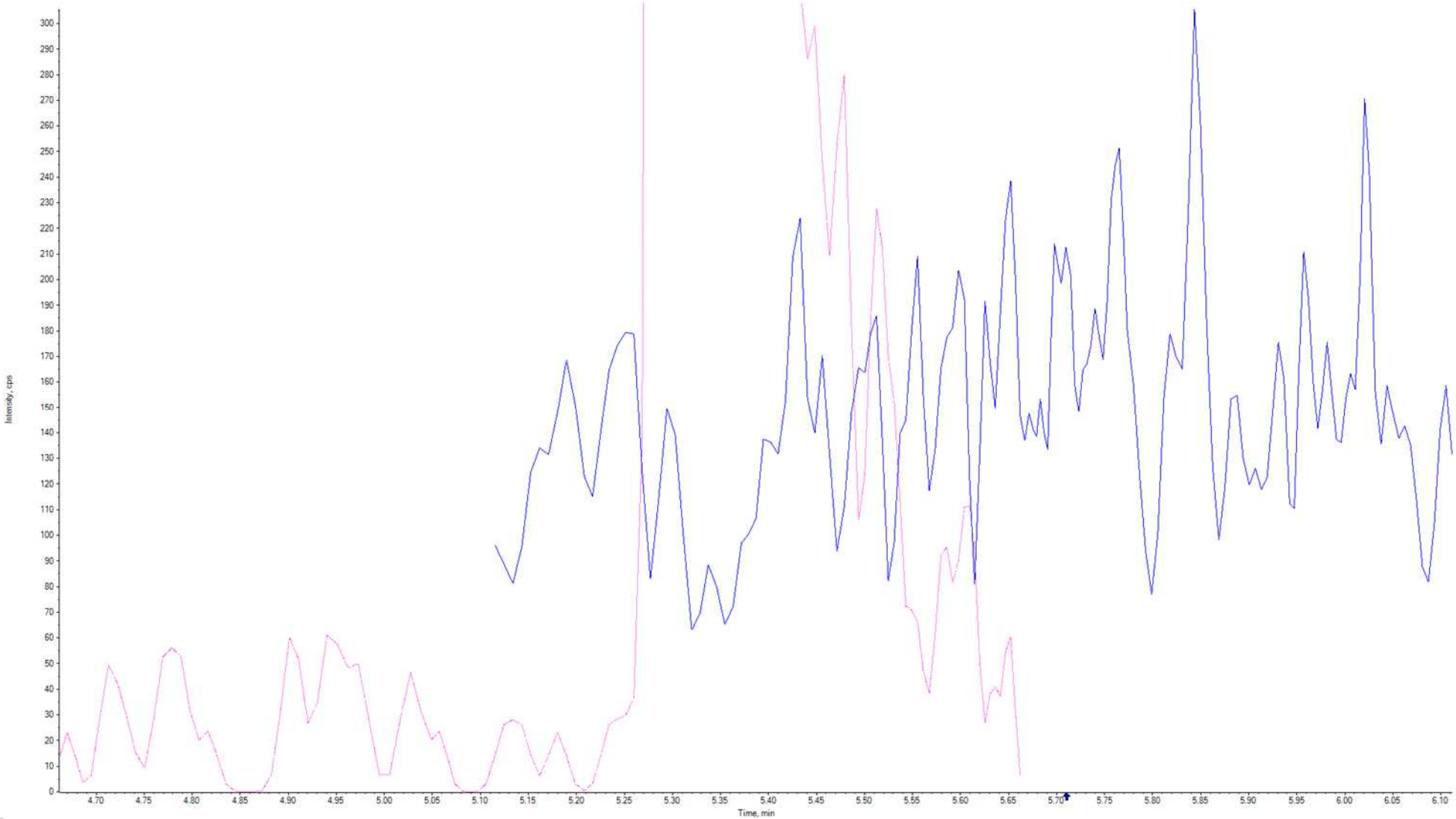
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

7:3FTCA_2
Sample: WG1958909-2,INSTBLANK S/N:902.1 Points Across peak:33



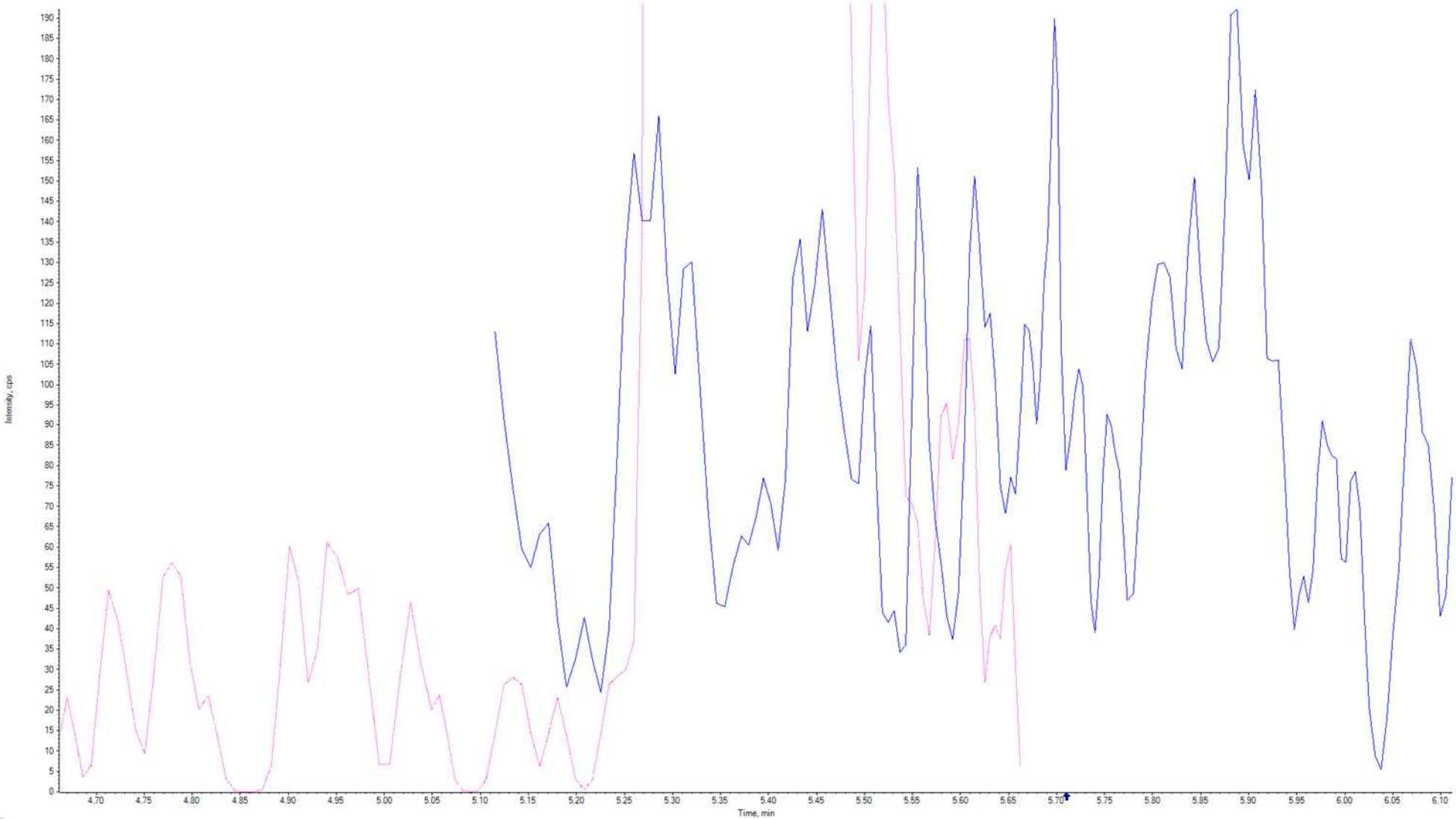
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFEESA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



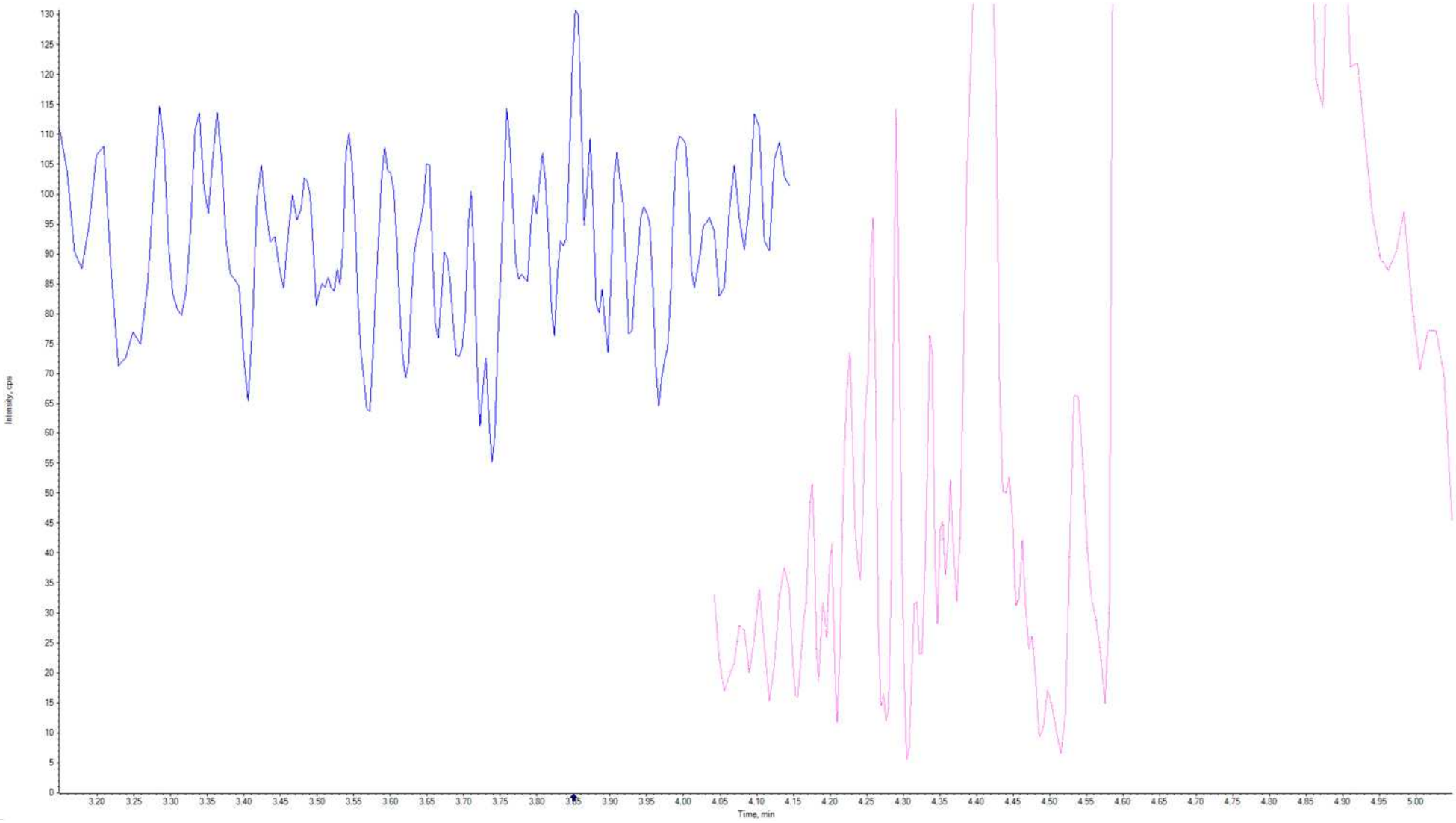
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFEESA_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



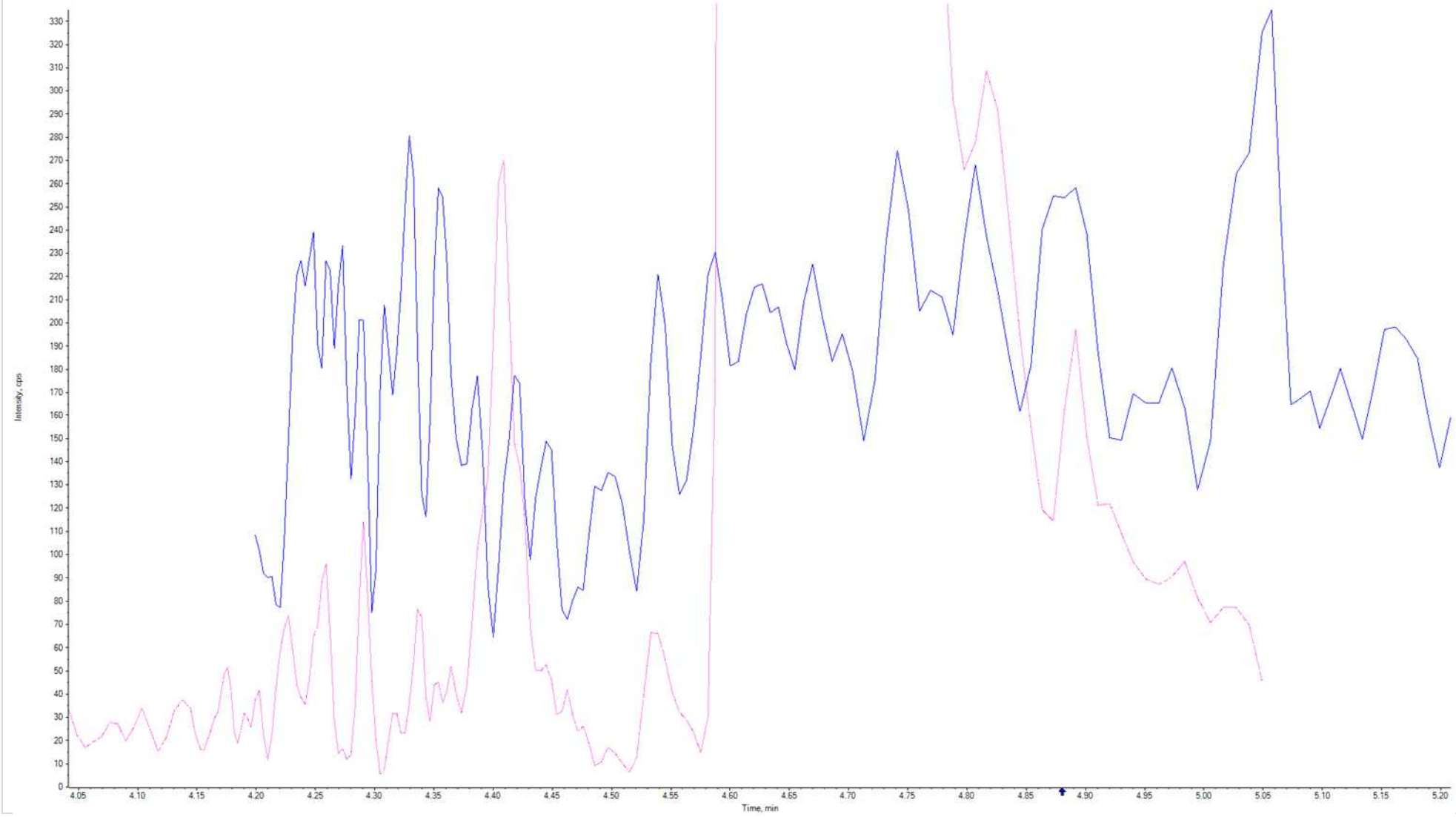
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFMPA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A

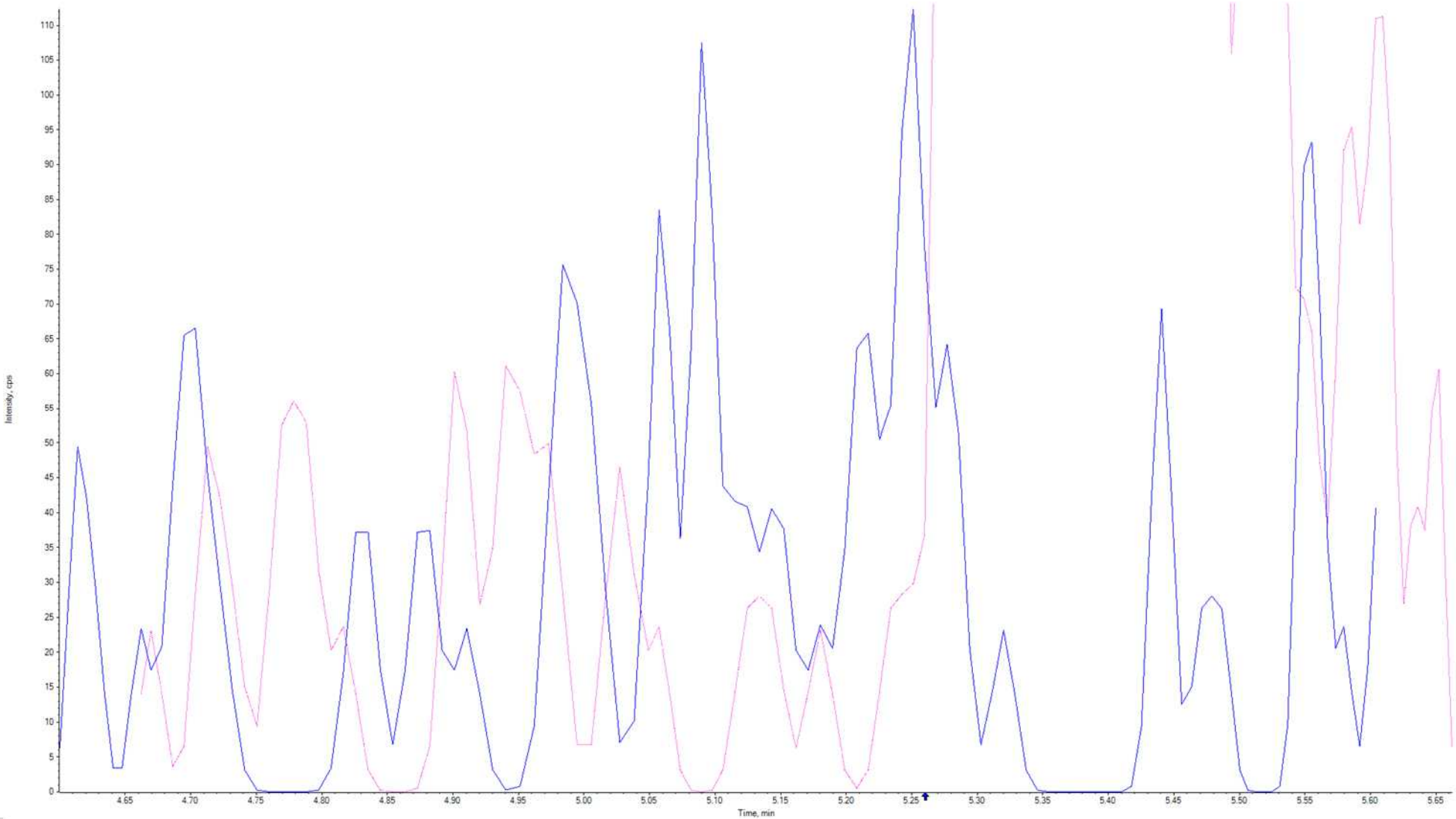


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFMBA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A

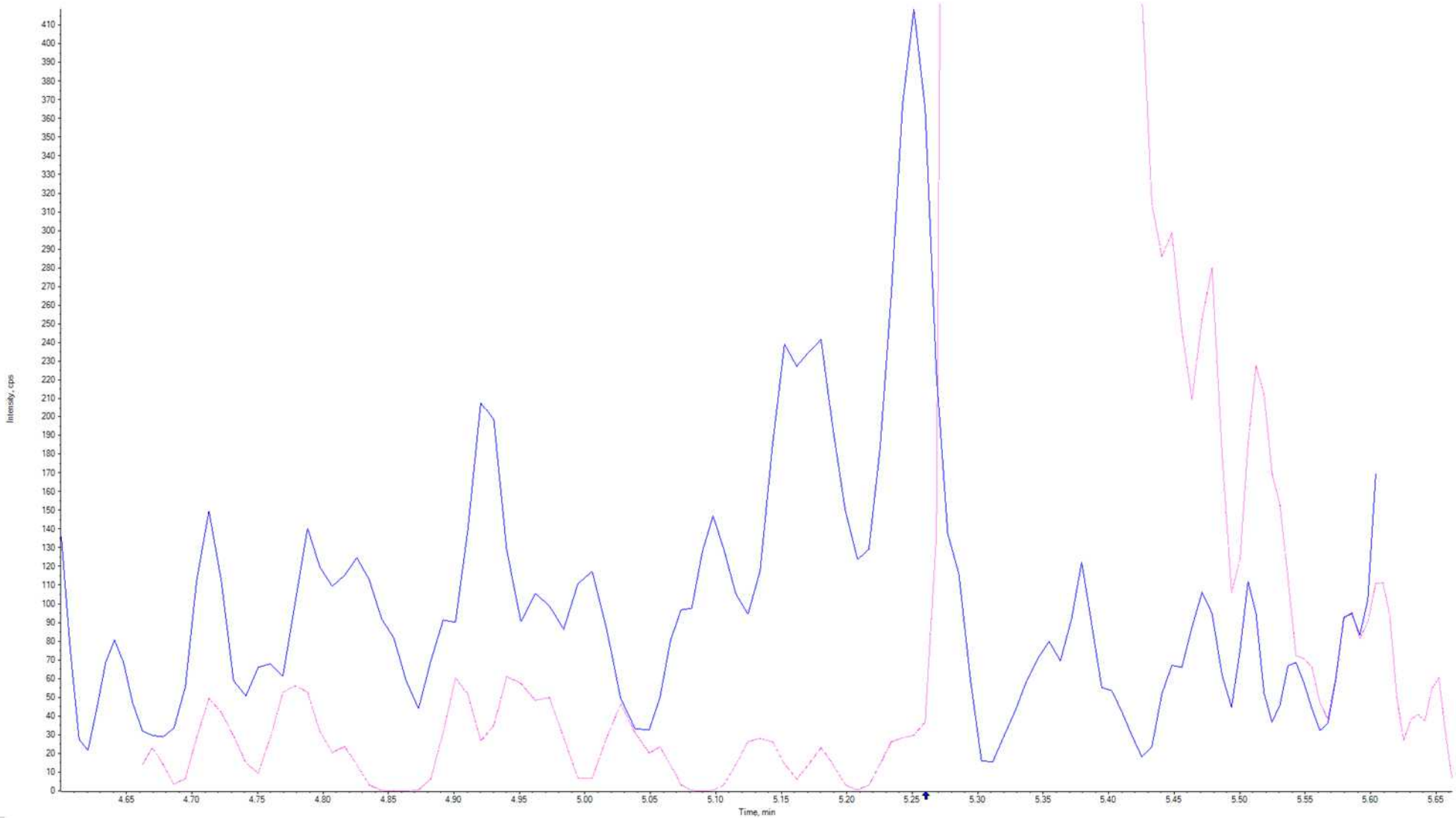


NFDHA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



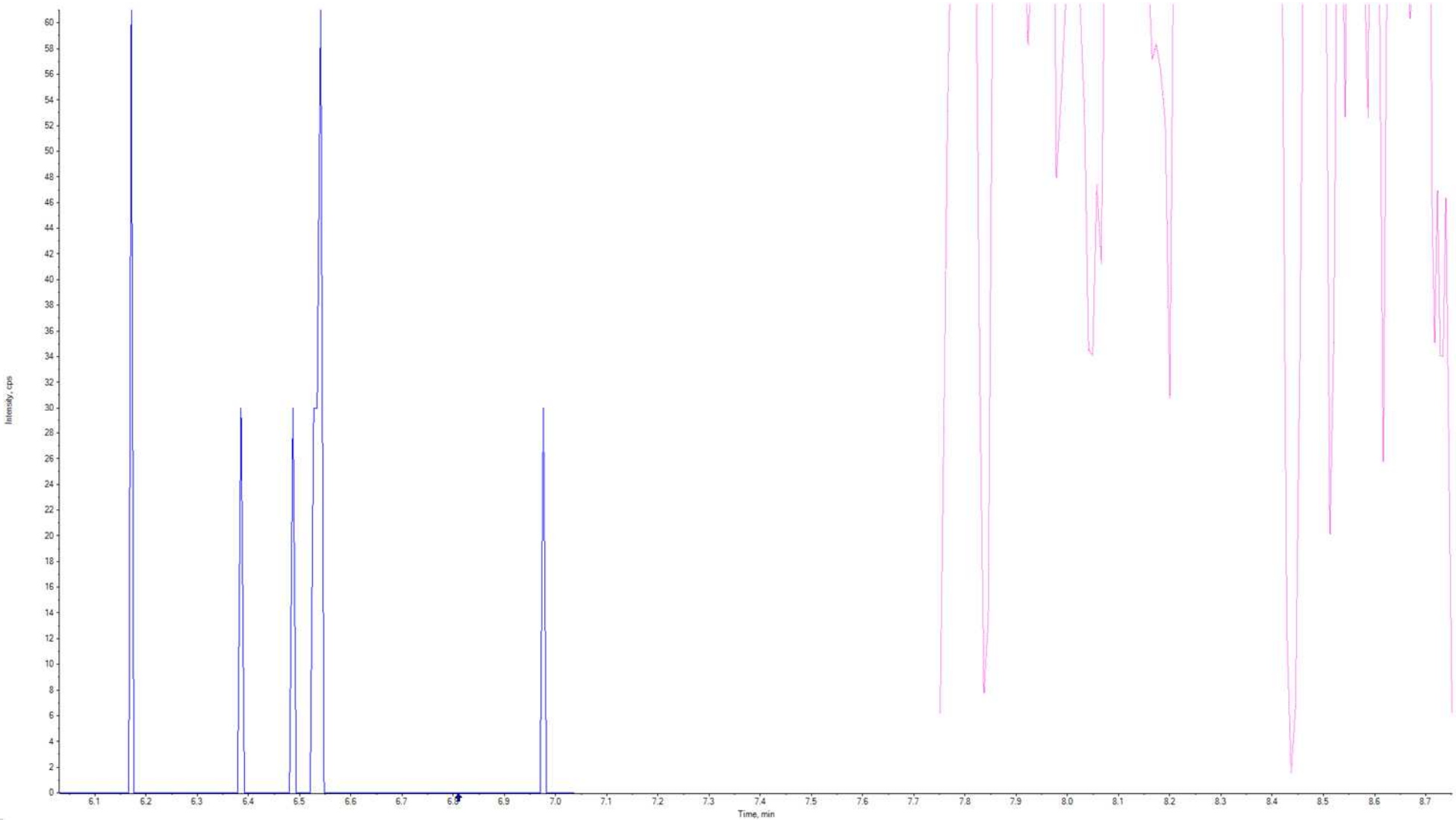
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NFDHA_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



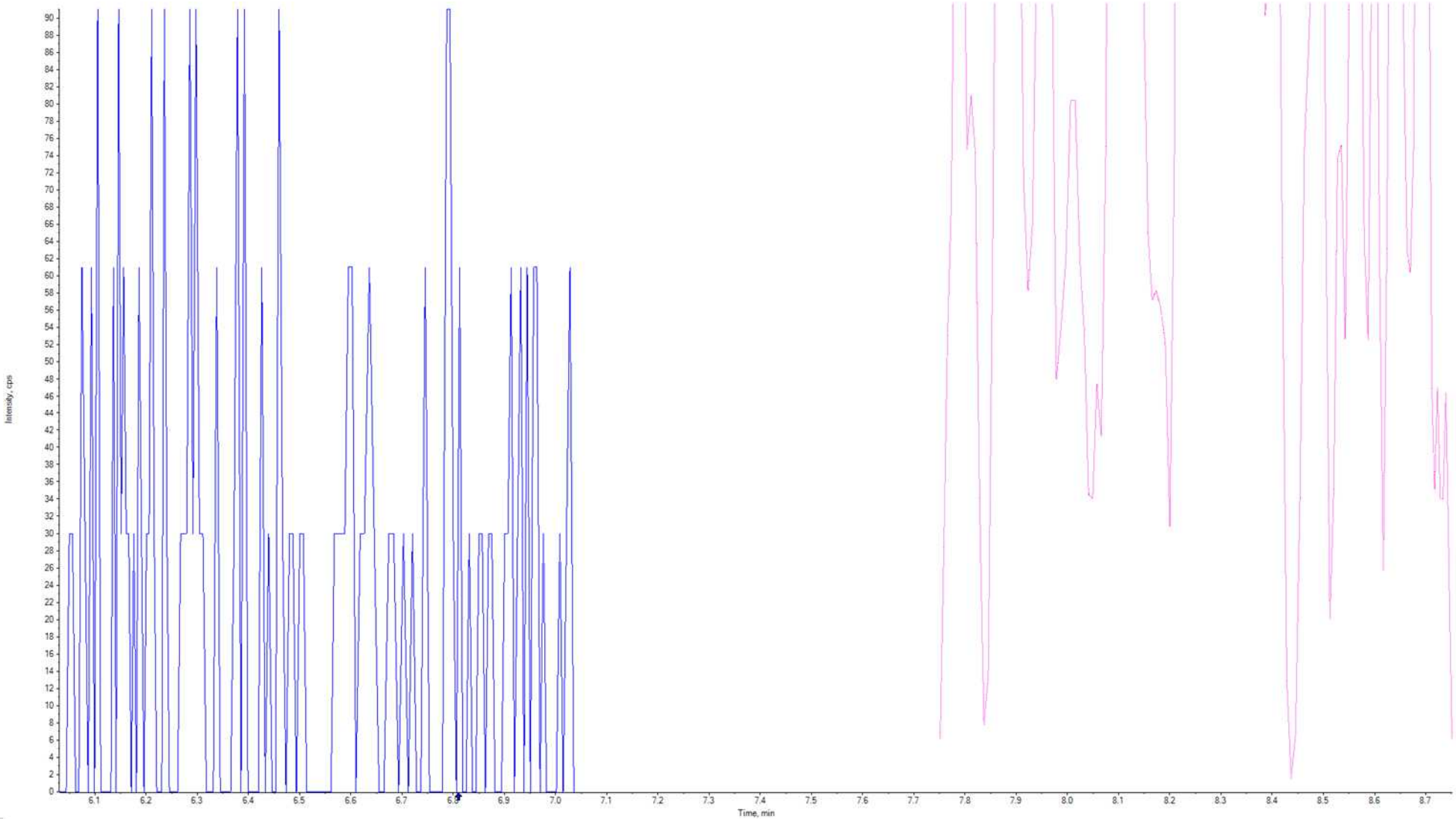
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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TDCA
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



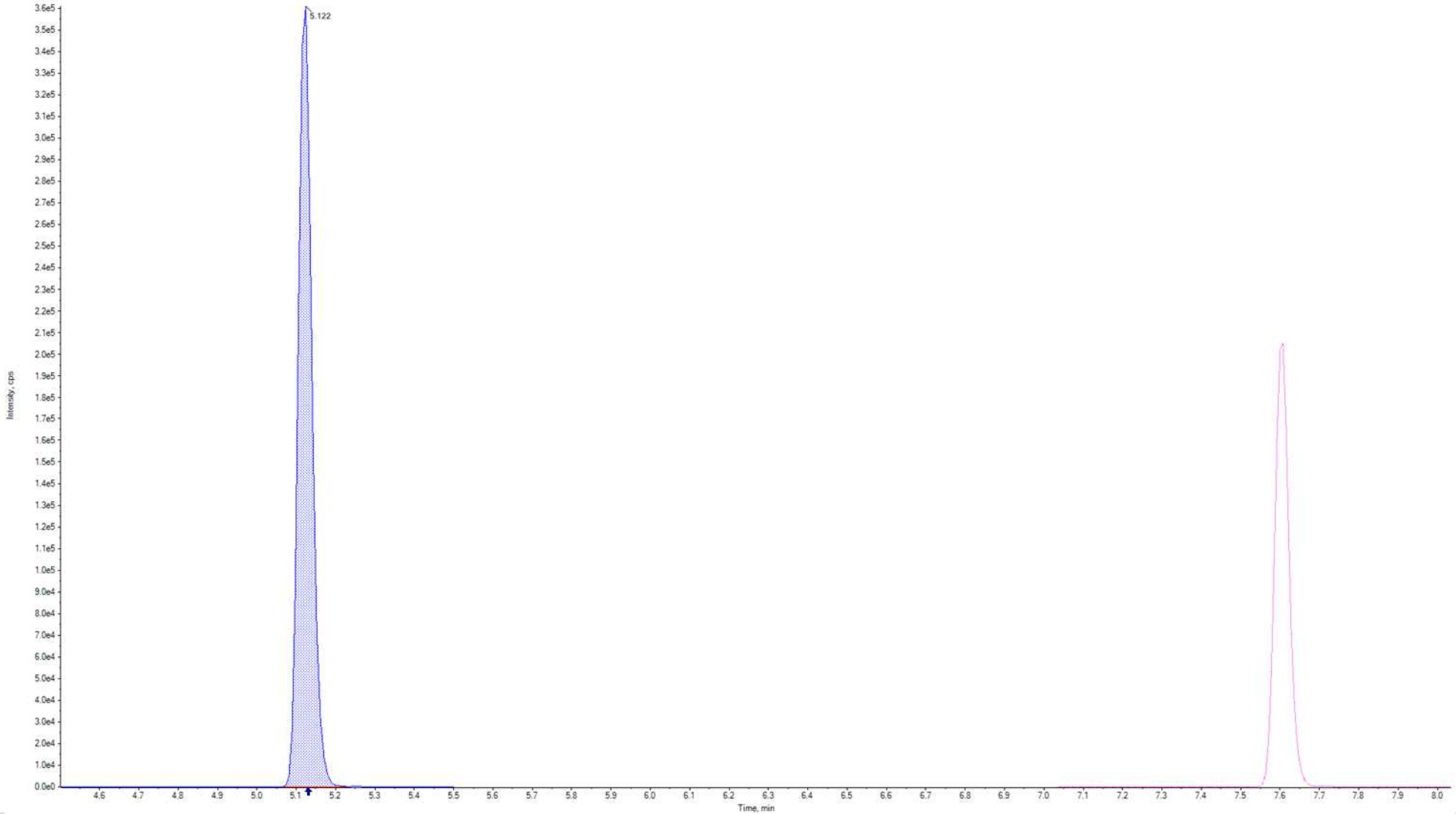
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Alpha Analytical Inc.
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TDCA_2
Sample: WG1958909-2,INSTBLANK S/N:N/A Points Across peak:N/A



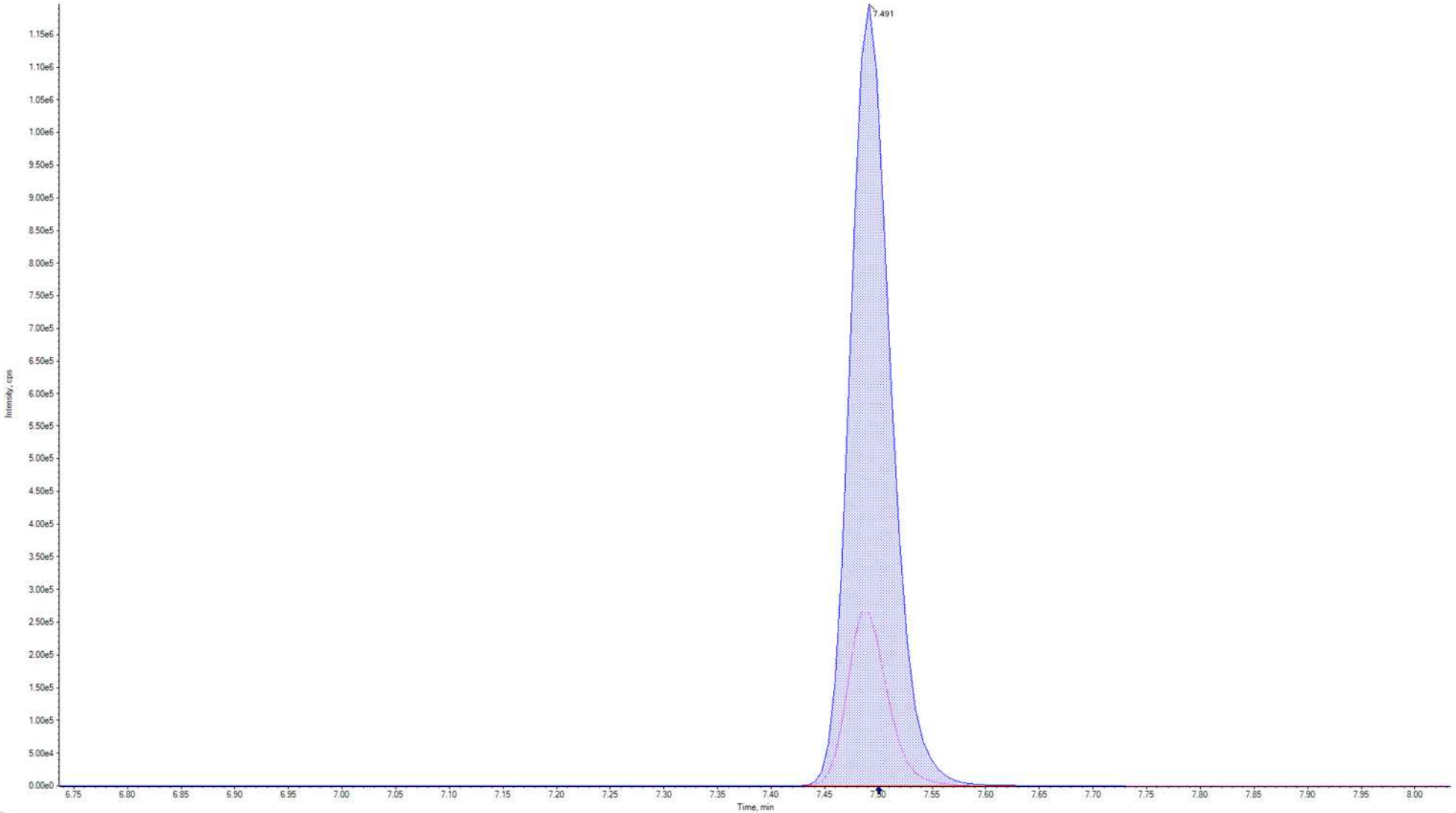
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_80.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C2D4-4:2FTS
Sample: WG1958909-2,INSTBLANK S/N:28048.2 Points Across peak:24

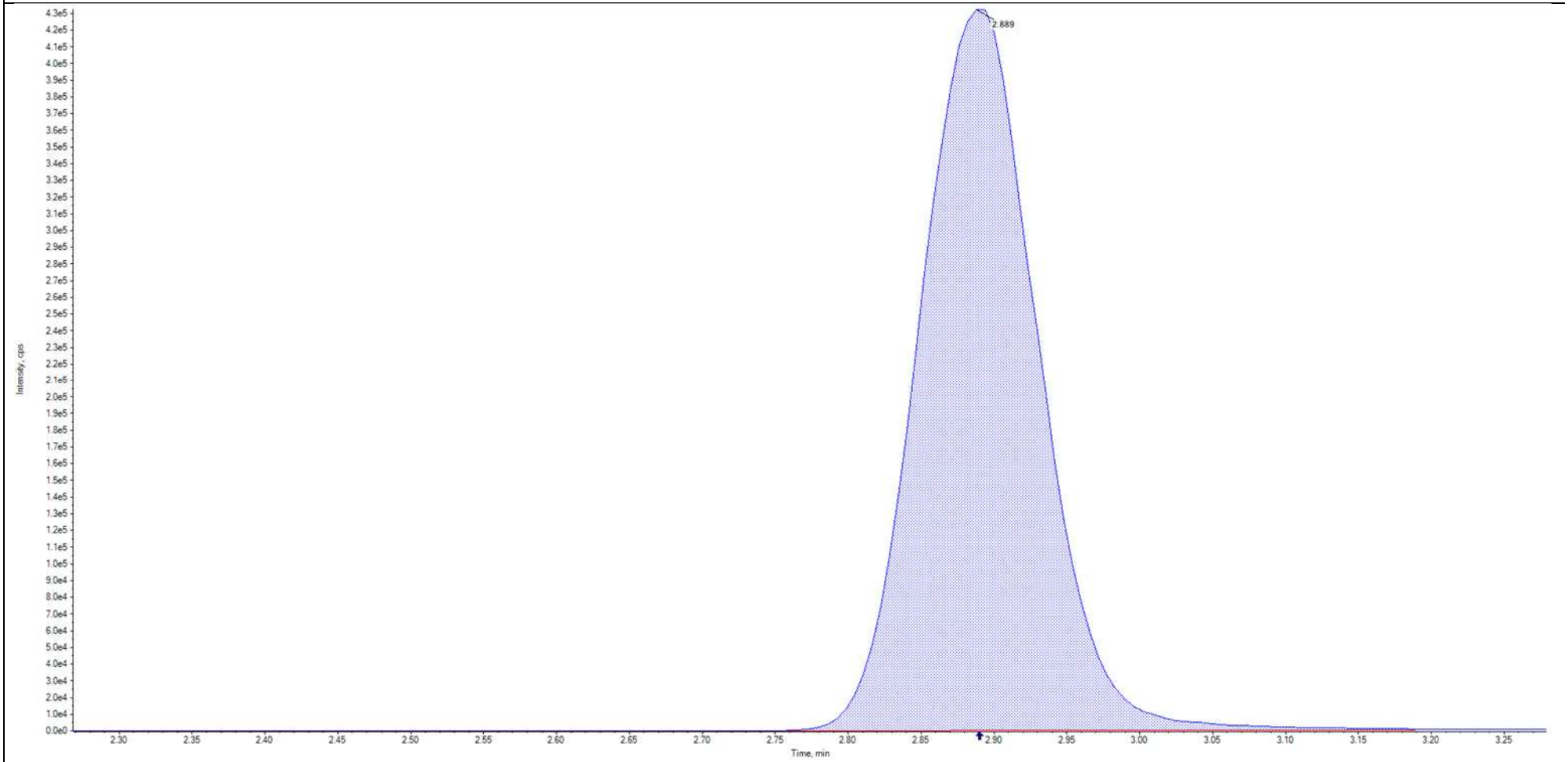


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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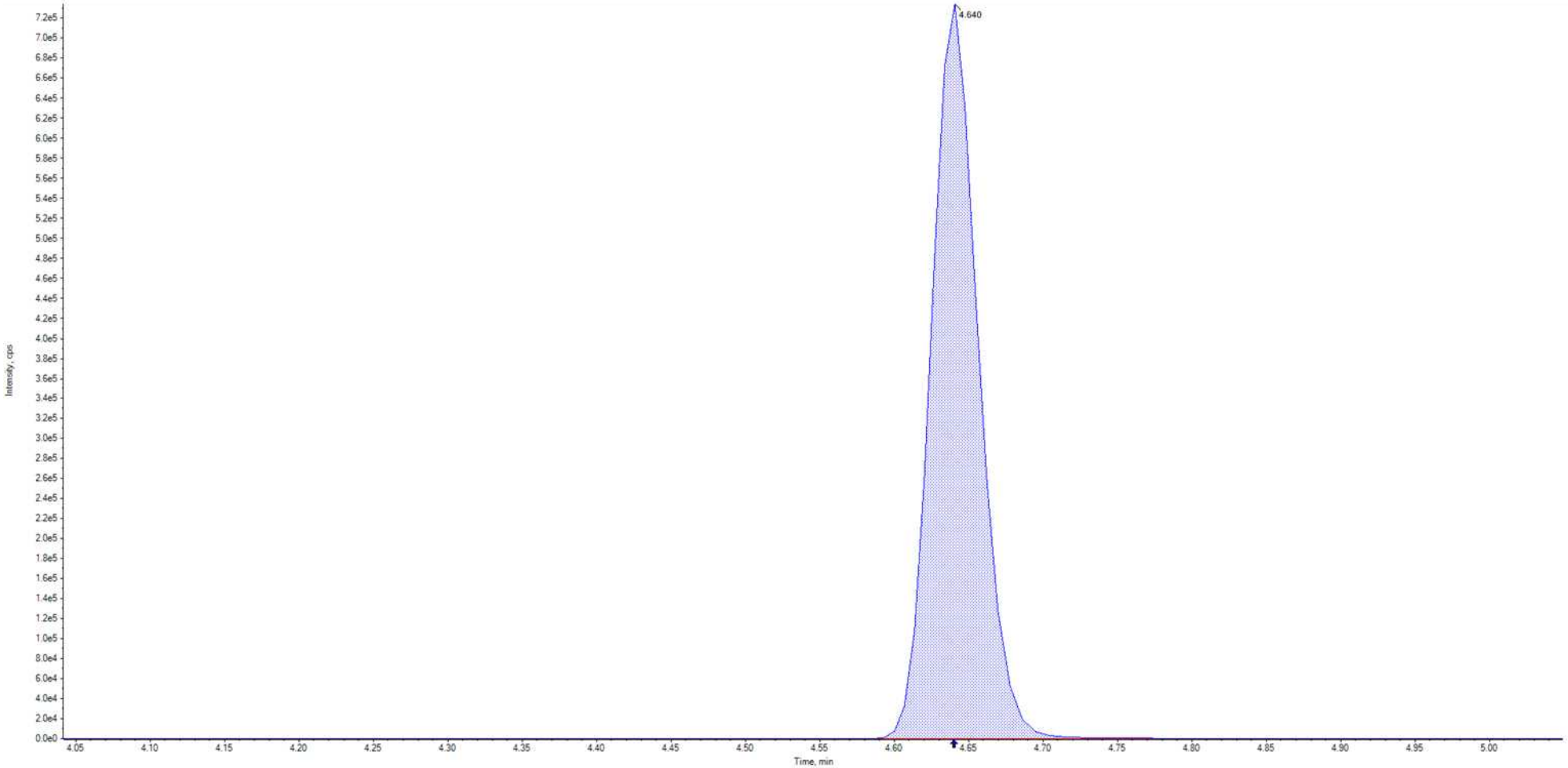
13C2-PFOA
Sample: WG1958909-2,INSTBLANK S/N:13113.6 Points Across peak:39



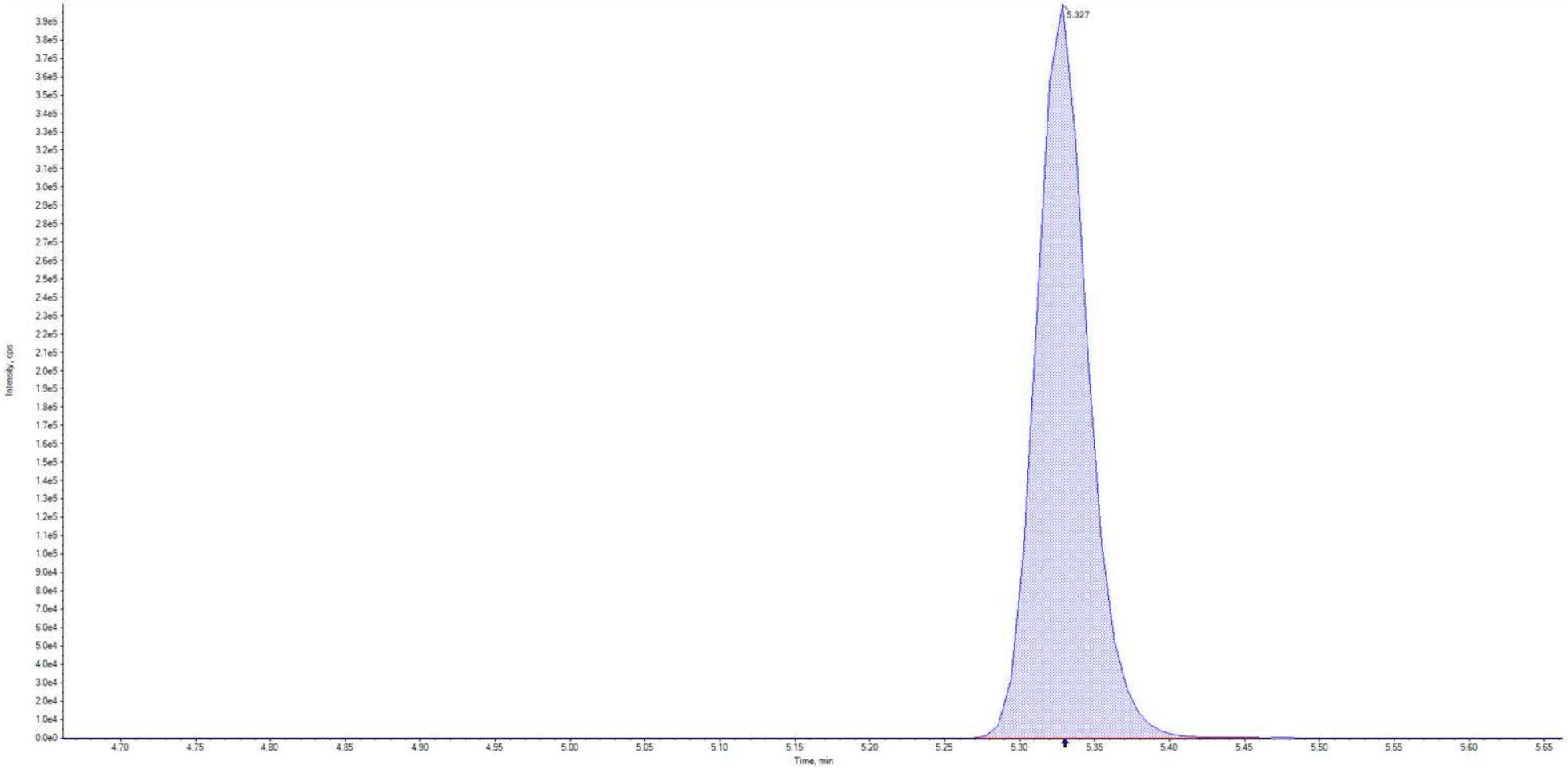
13C4-PFBA
Sample: WG1958909-2,INSTBLANK



13C5-PFPeA
Sample: WG1958909-2,INSTBLANK

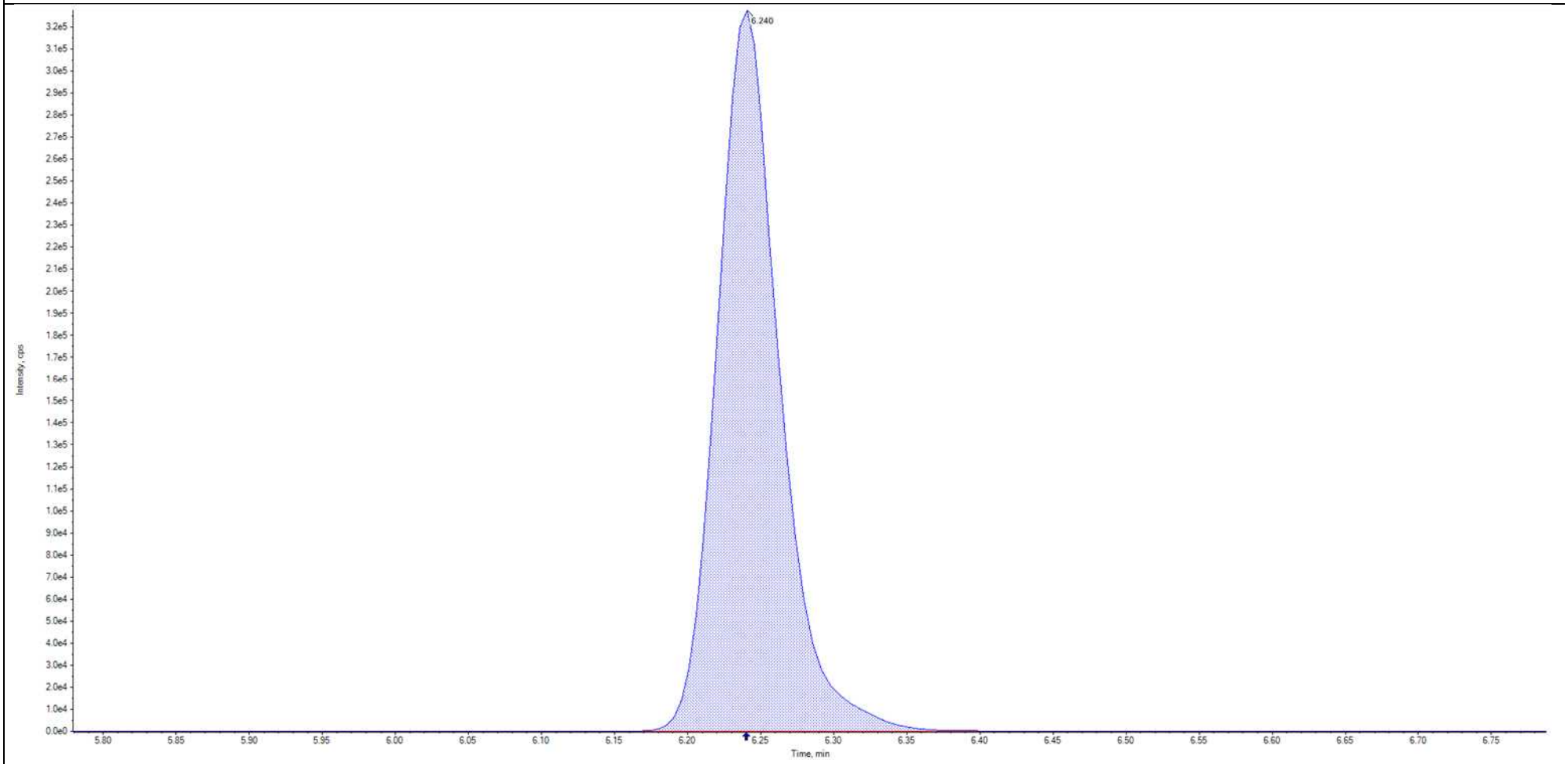


13C5-PFHxA
Sample: WG1958909-2,INSTBLANK

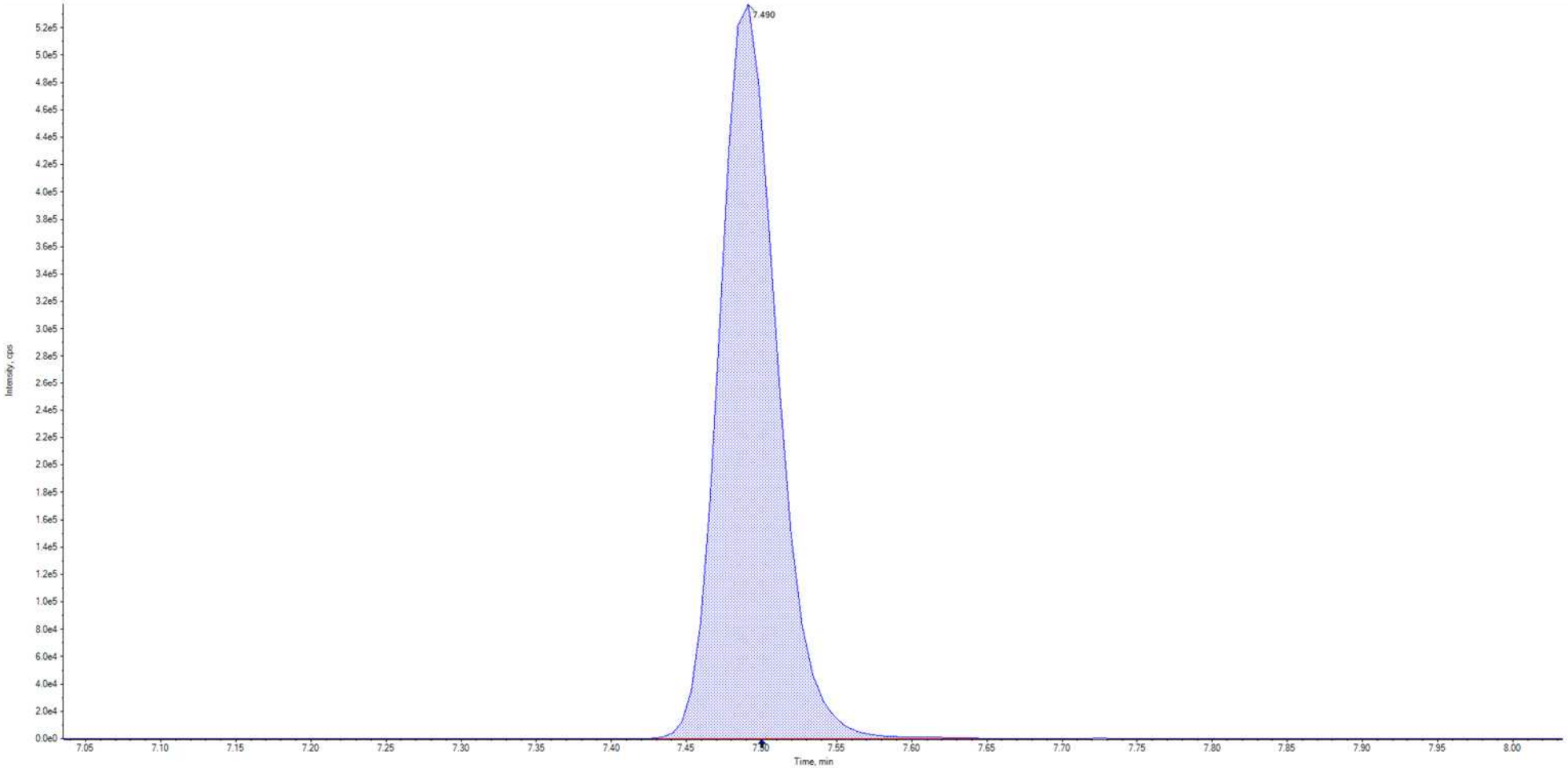


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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Generated: 8/14/2024 9:40:32 AM

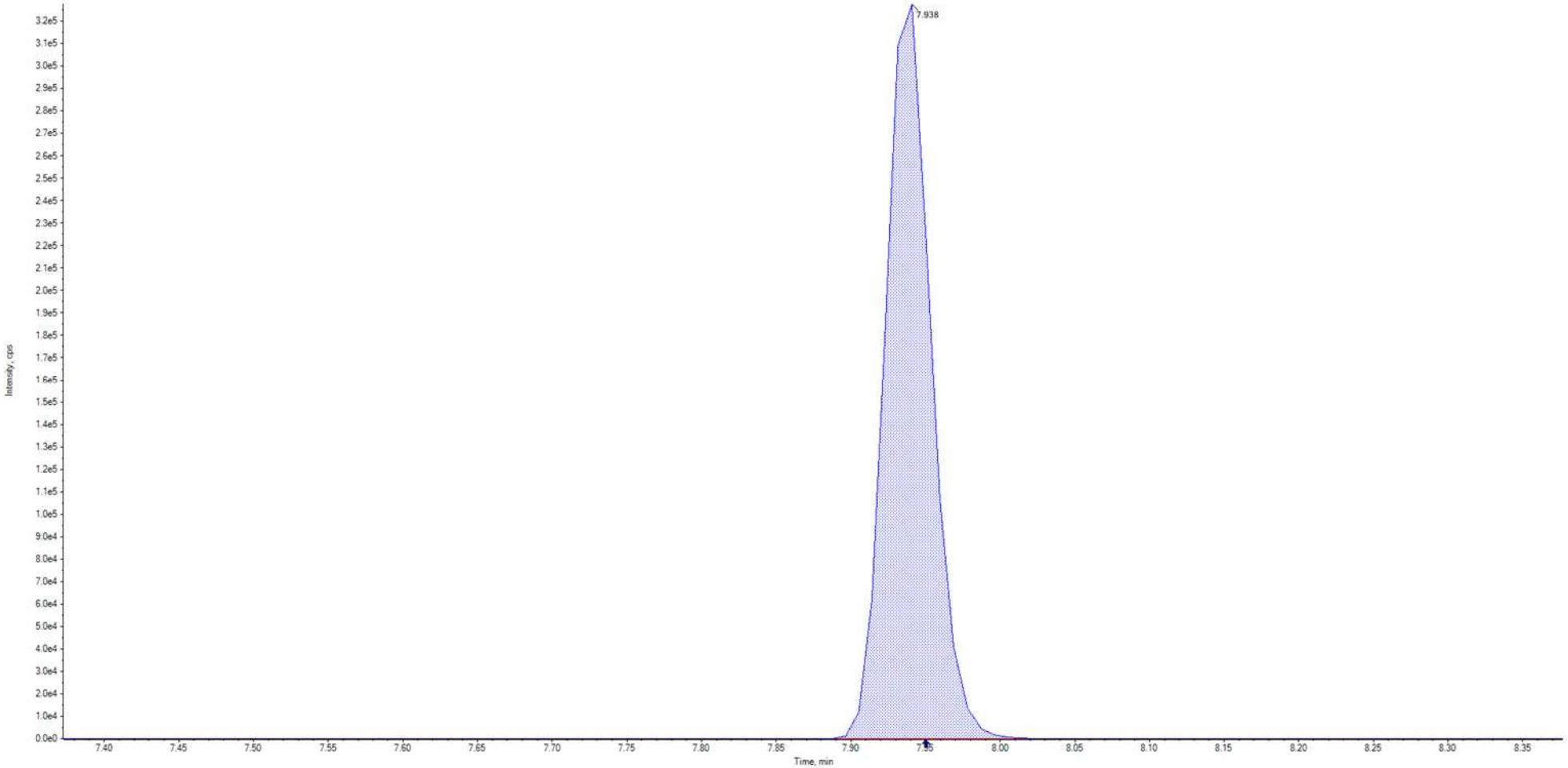
13C4-PFHpA
Sample: WG1958909-2,INSTBLANK



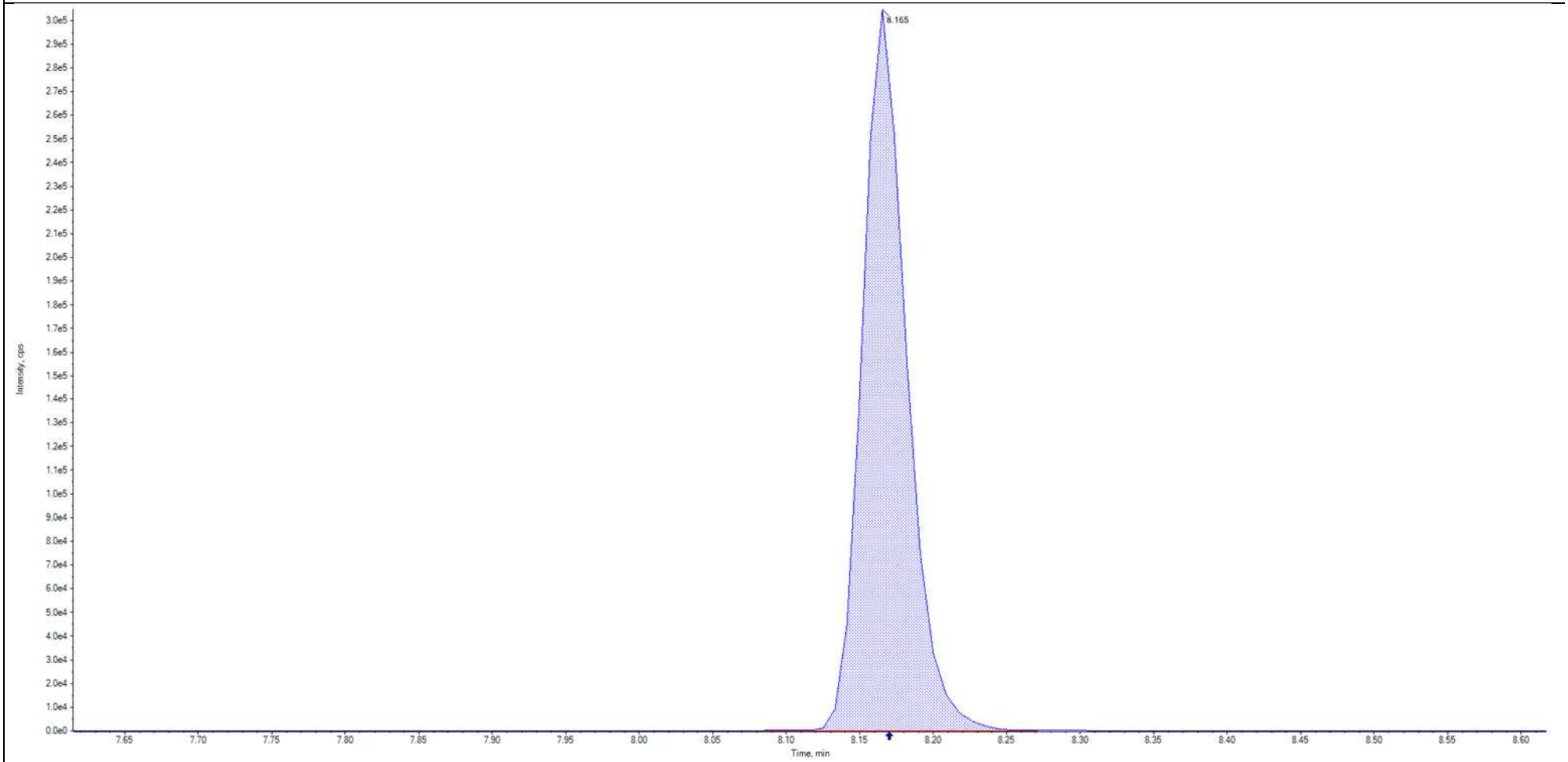
13C8-PFOA
Sample: WG1958909-2,INSTBLANK



13C9-PFNA
Sample: WG1958909-2,INSTBLANK

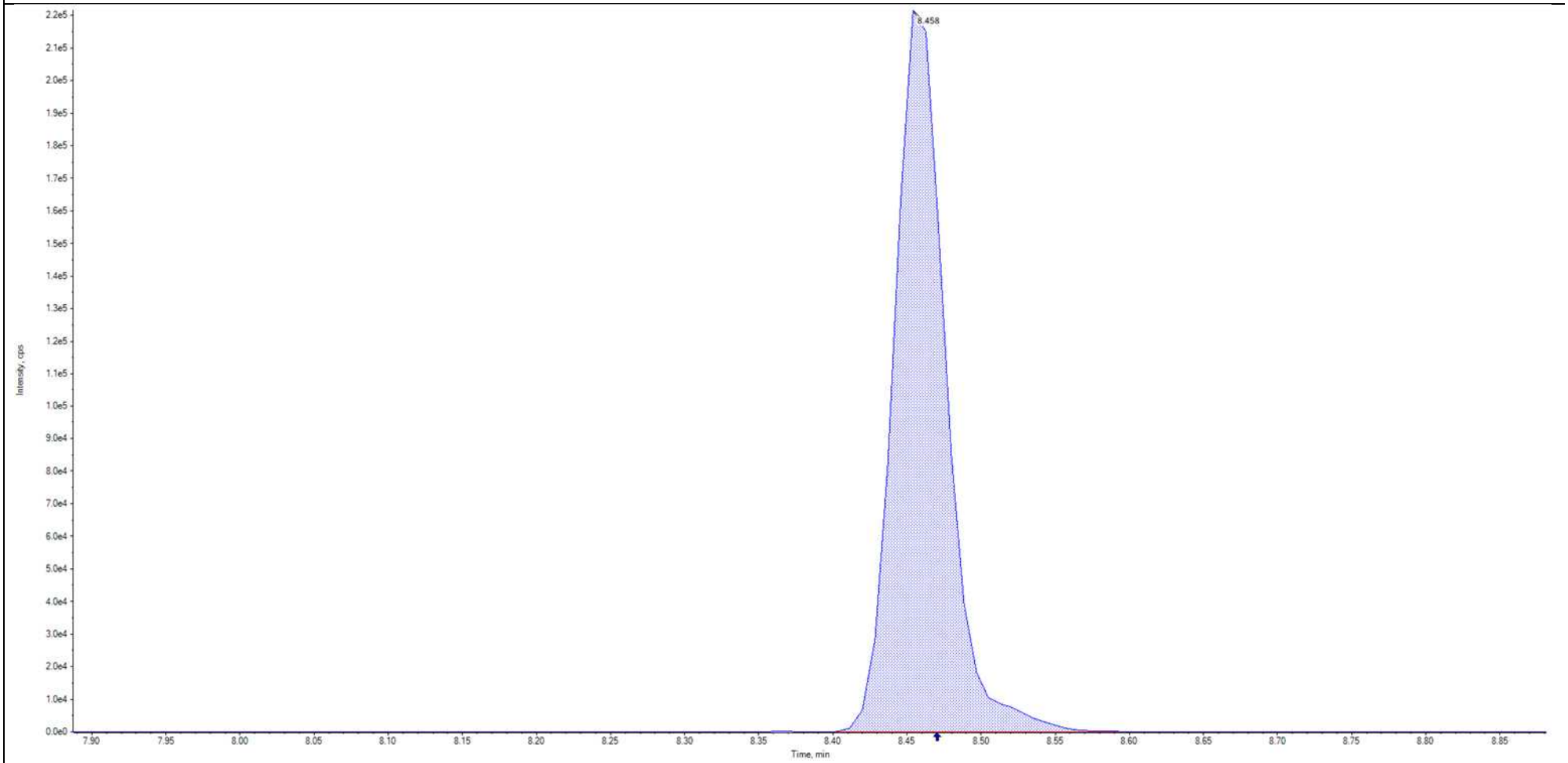


13C6-PFDA
Sample: WG1958909-2,INSTBLANK



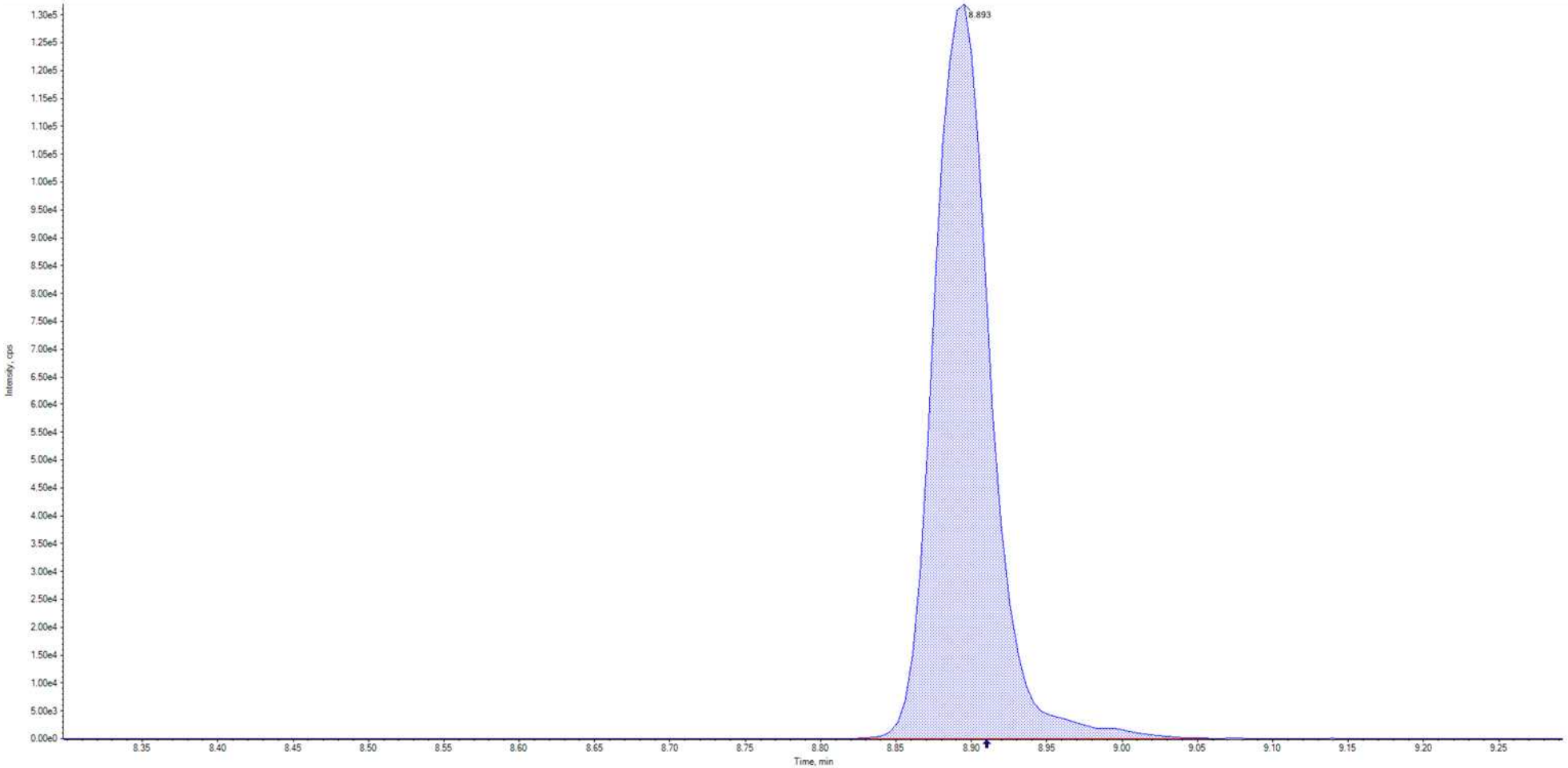
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C7-PFUnA
Sample: WG1958909-2,INSTBLANK

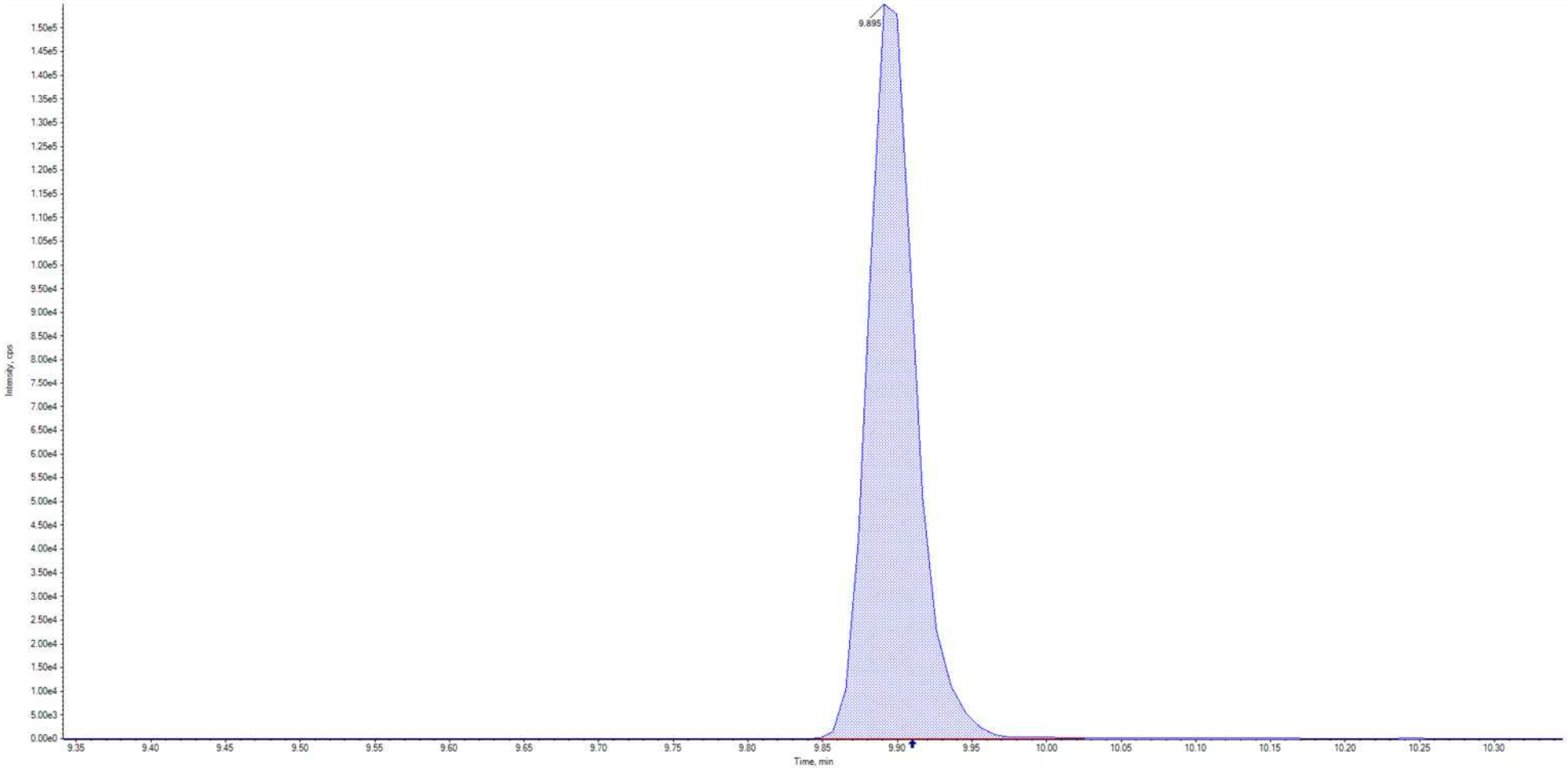


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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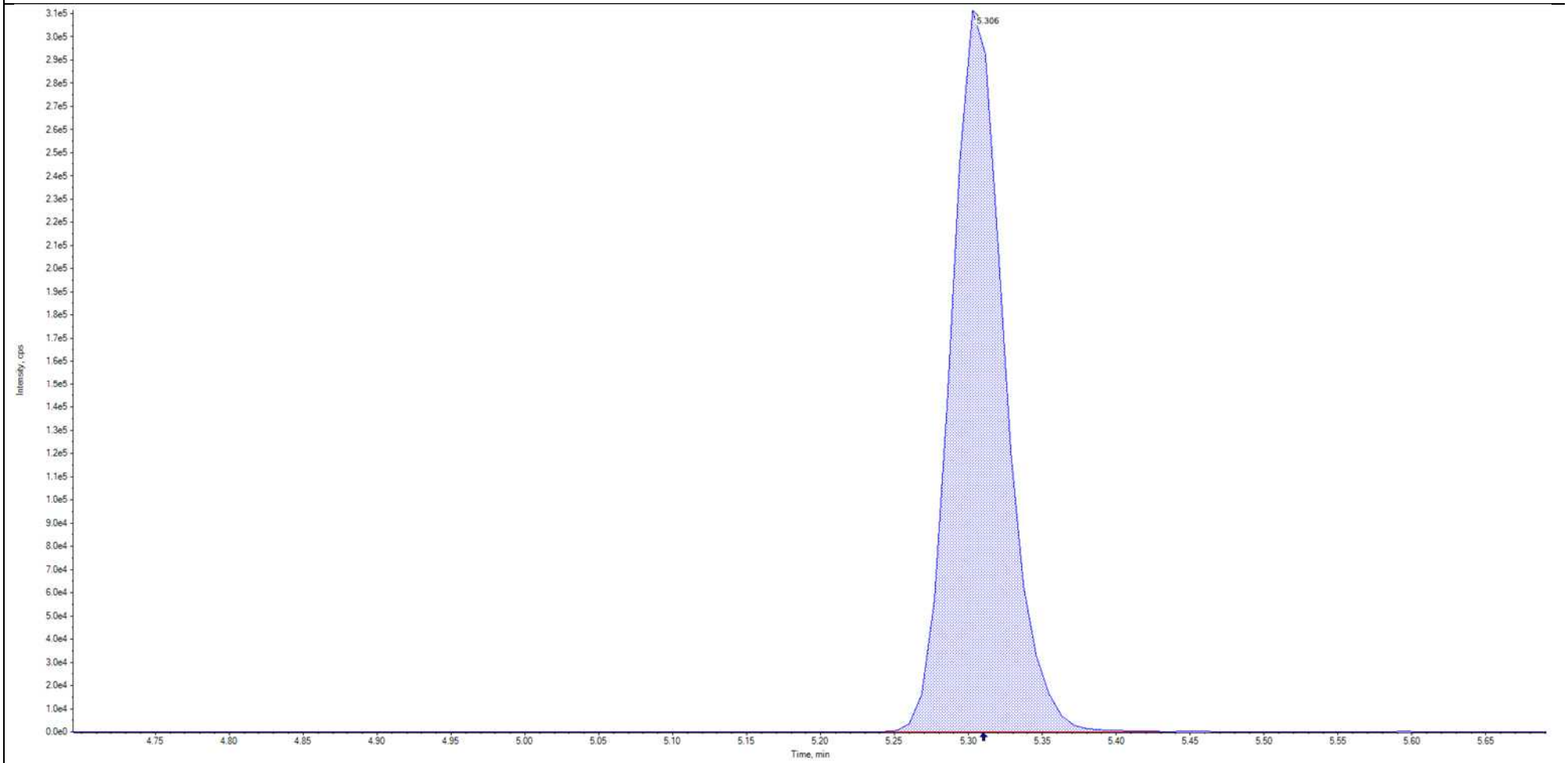
13C2-PFDoA
Sample: WG1958909-2,INSTBLANK



13C2-PFTeDA
Sample: WG1958909-2,INSTBLANK

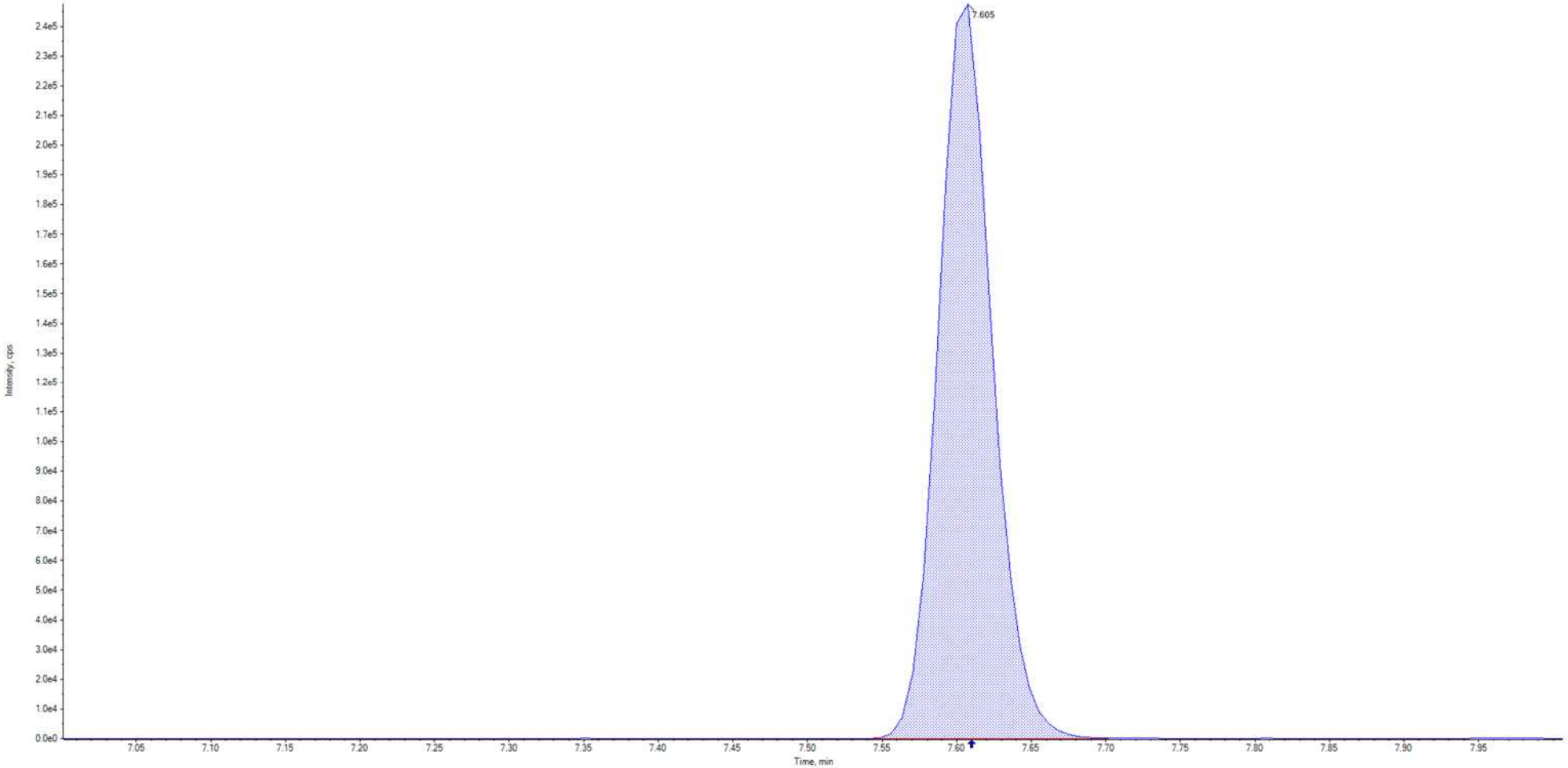


13C3-PFBS
Sample: WG1958909-2,INSTBLANK



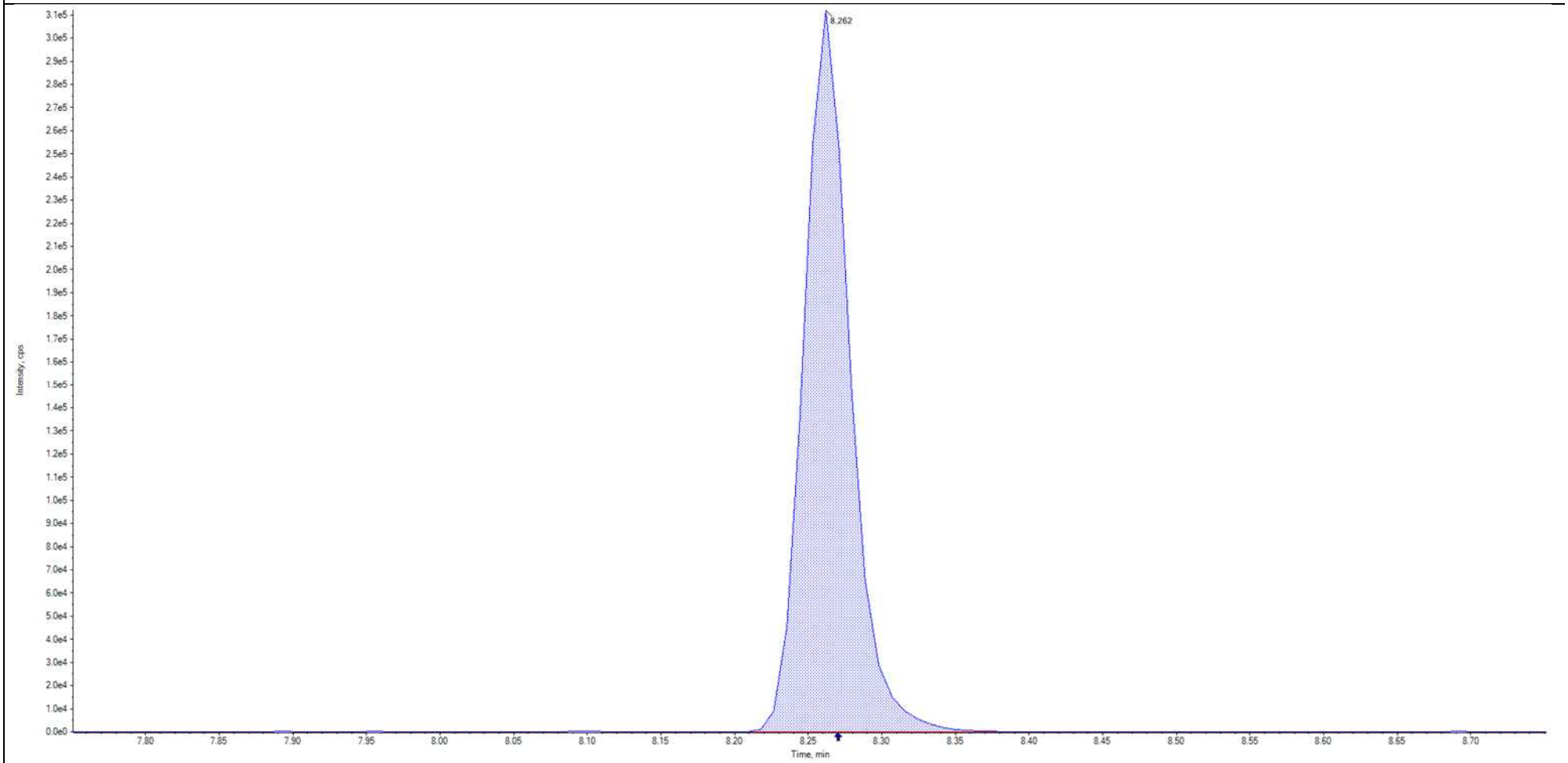
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Alpha Analytical Inc.
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13C3-PFHxS
Sample: WG1958909-2,INSTBLANK

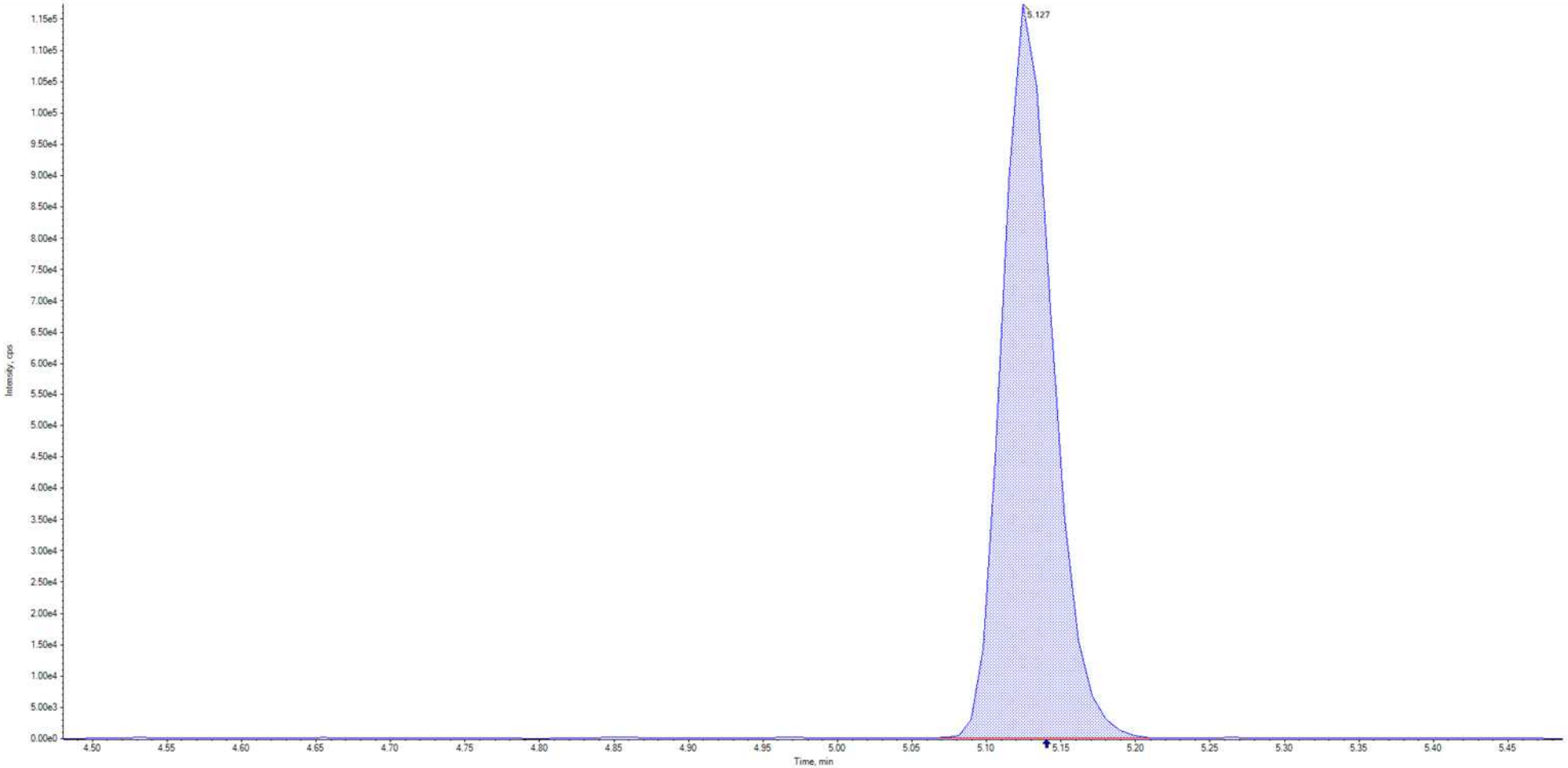


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C8-PFOS
Sample: WG1958909-2,INSTBLANK

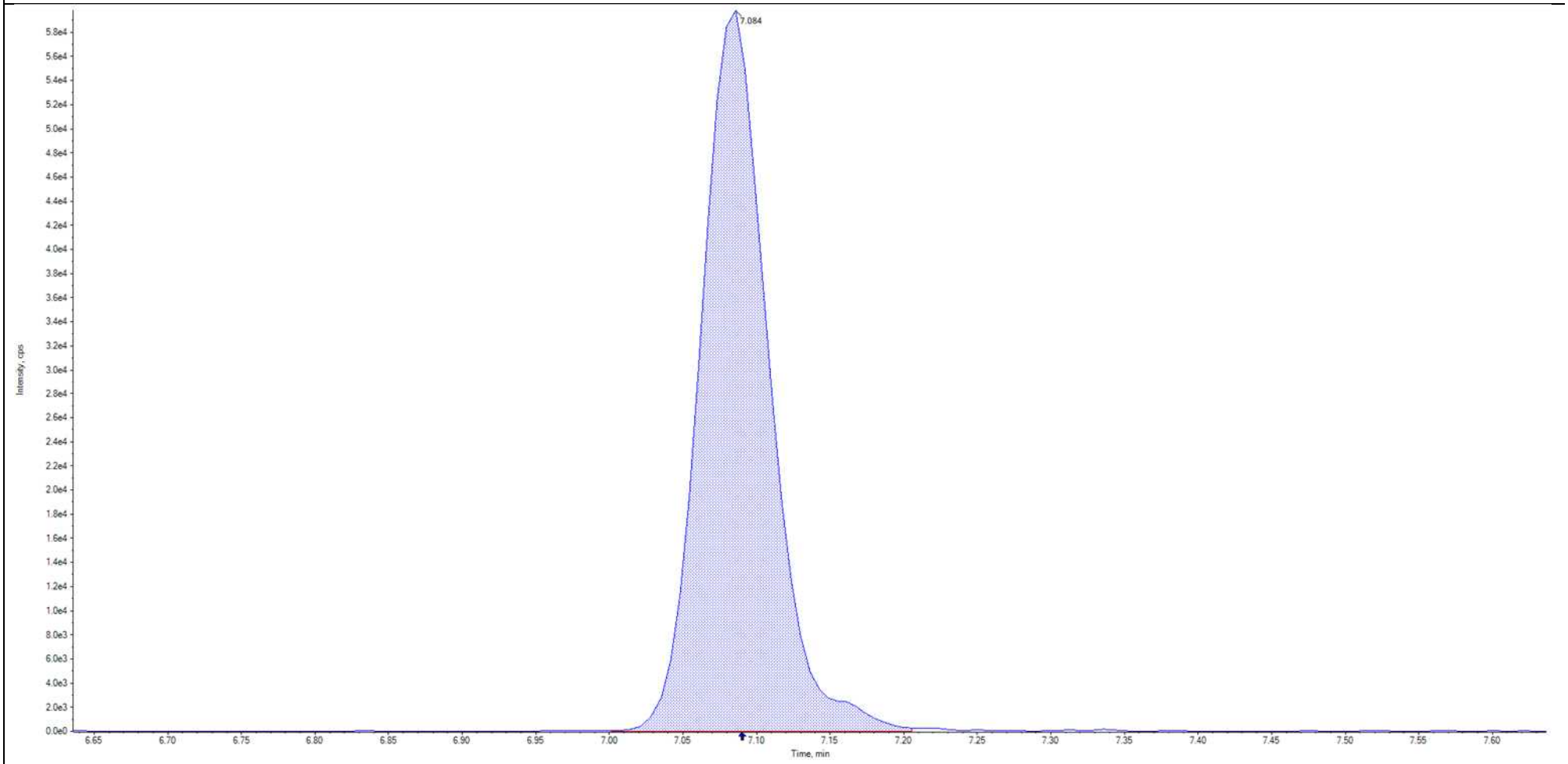


13C2-4:2FTS
Sample: WG1958909-2,INSTBLANK

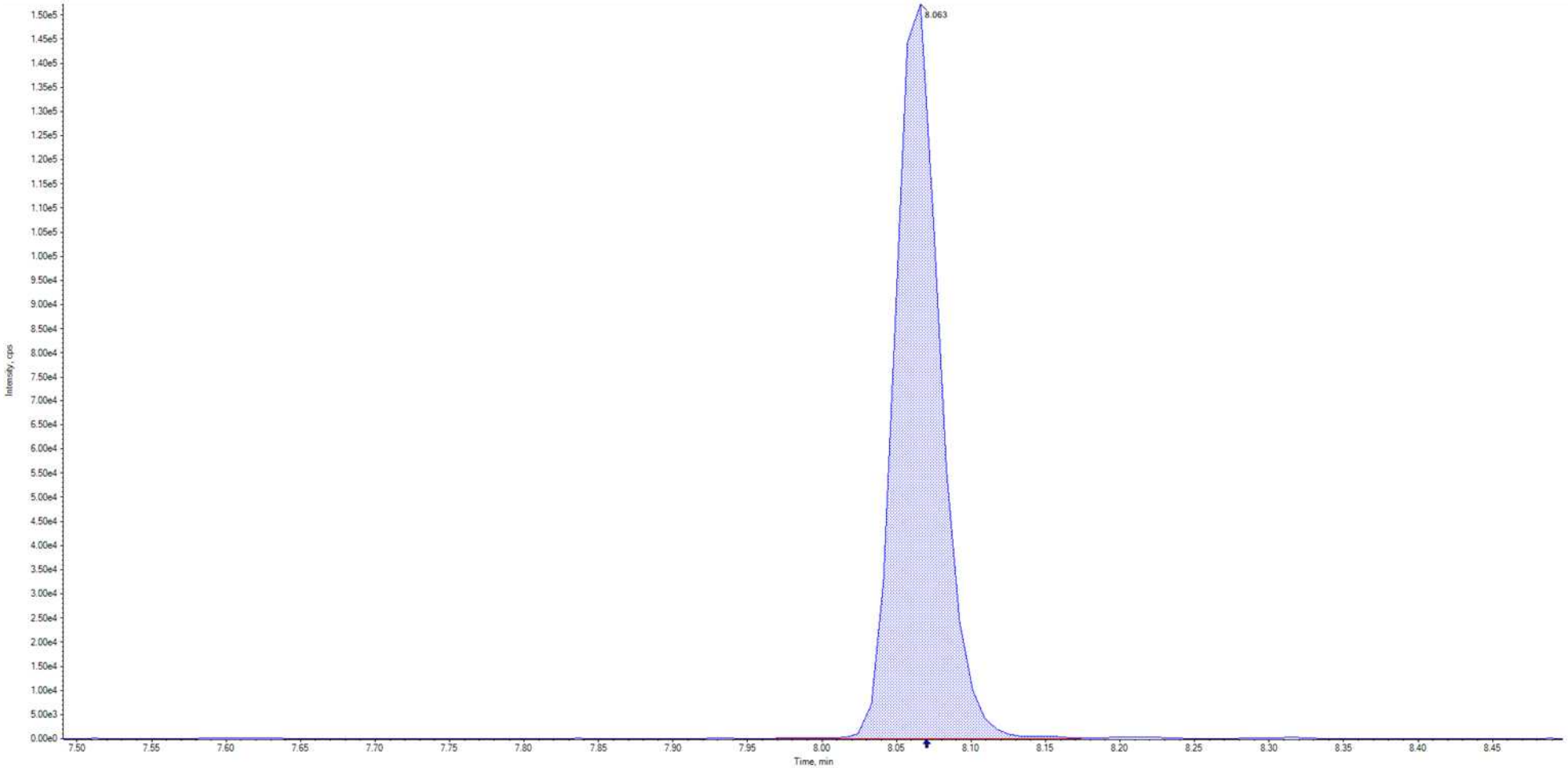


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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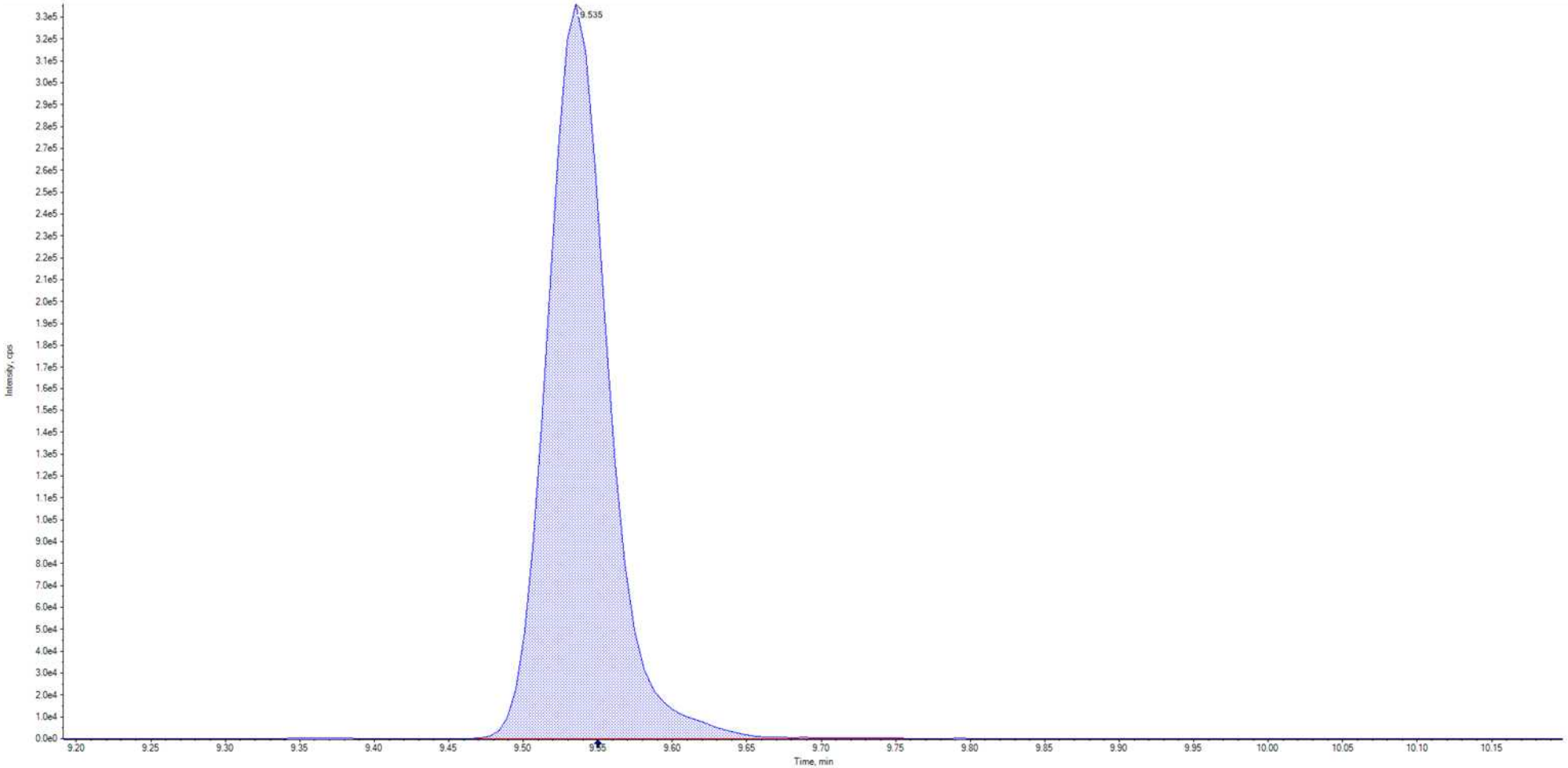
13C2-6:2FTS
Sample: WG1958909-2,INSTBLANK



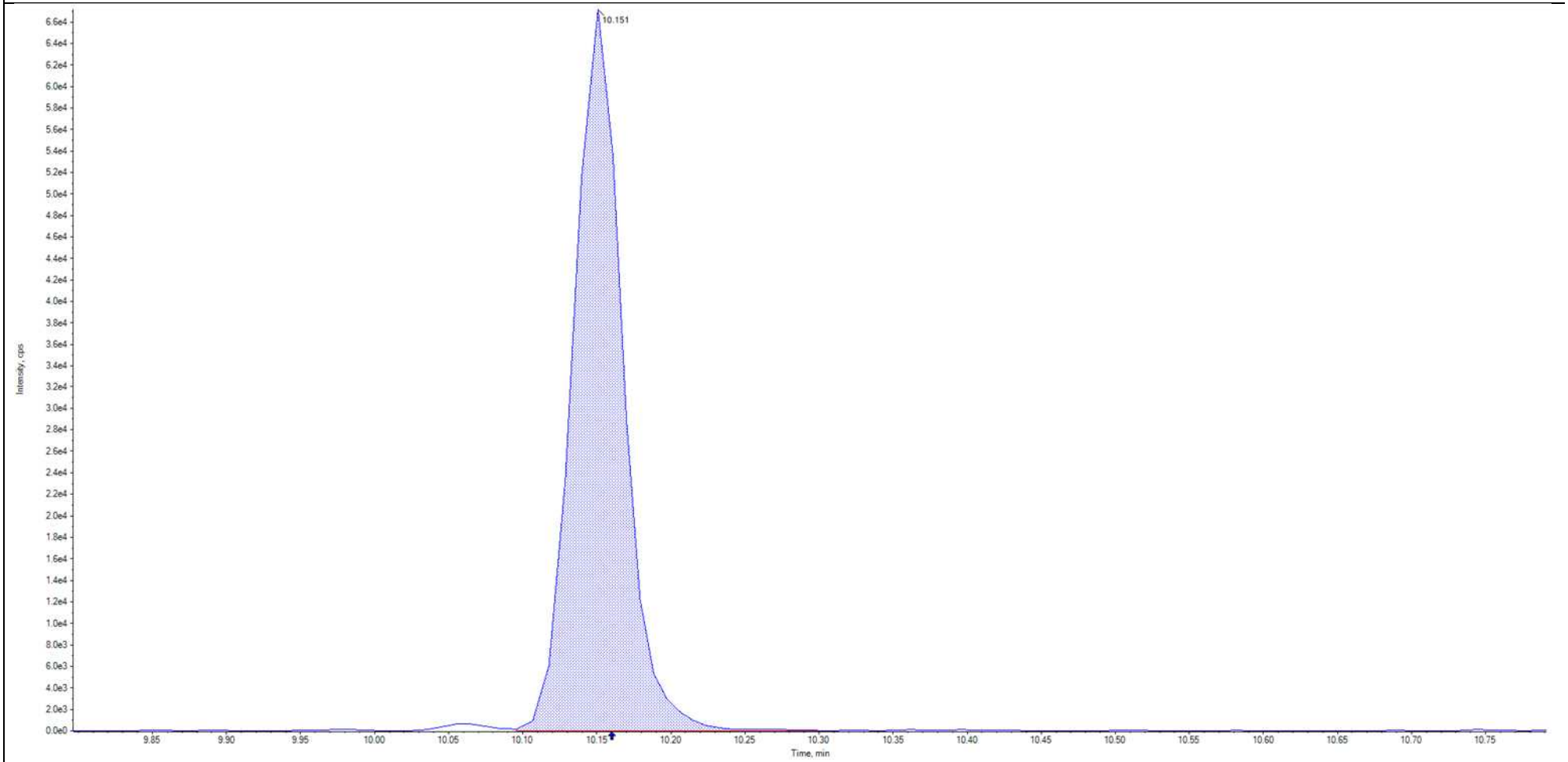
13C2-8:2FTS
Sample: WG1958909-2,INSTBLANK



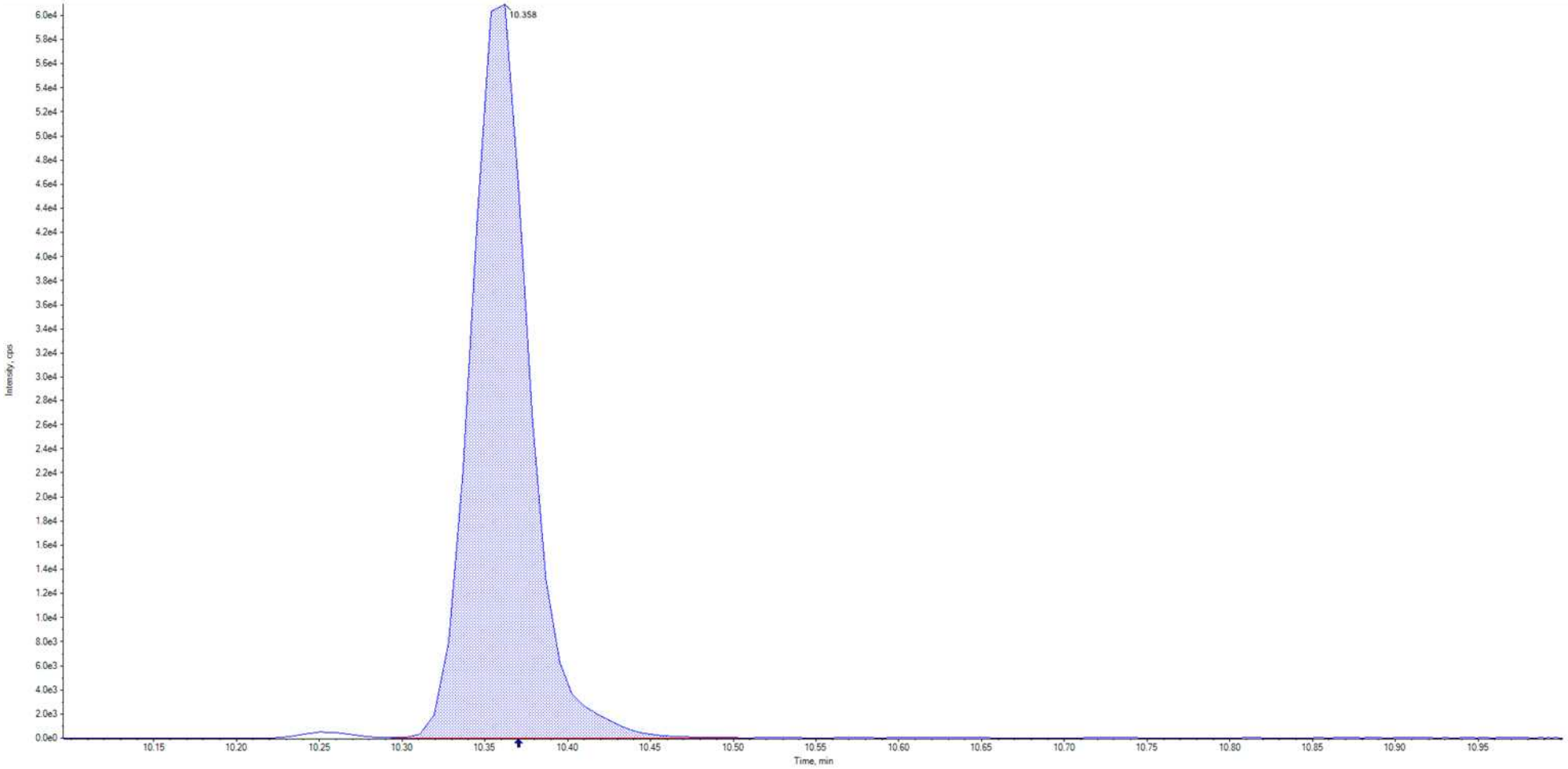
13C8-PFOSA
Sample: WG1958909-2,INSTBLANK



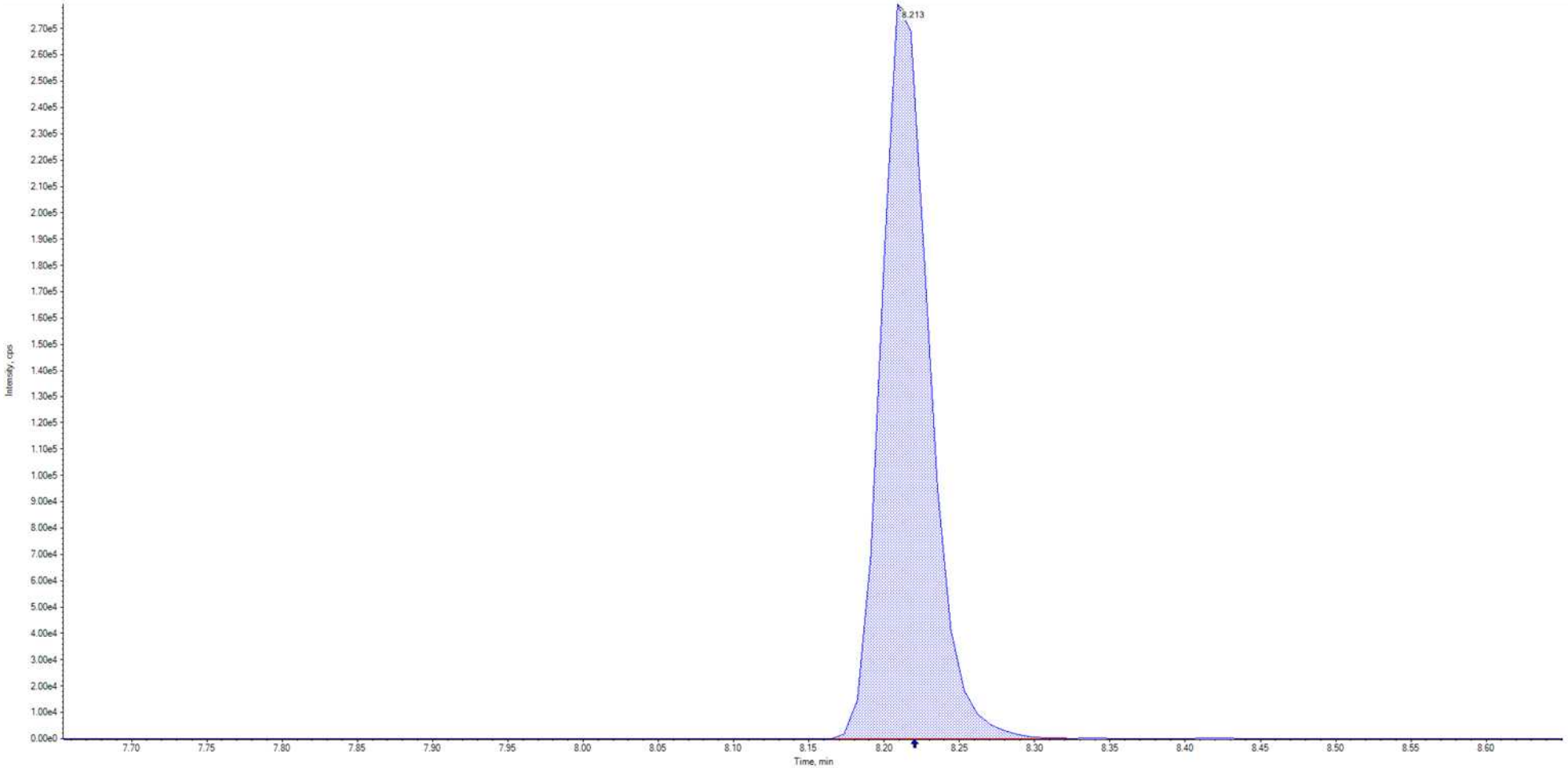
d3-NMeFOSA
Sample: WG1958909-2,INSTBLANK



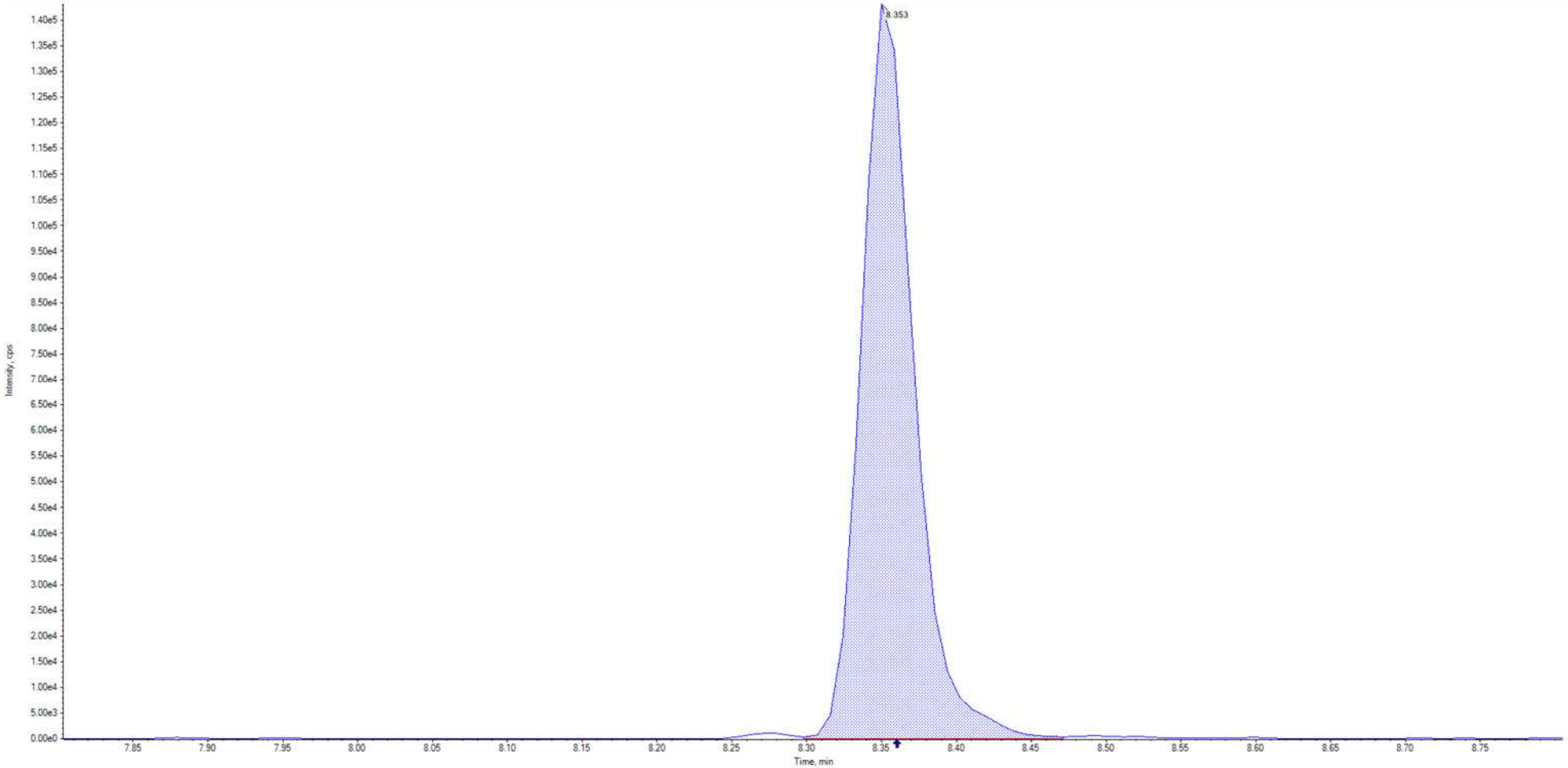
d5-NEtFOSA
Sample: WG1958909-2,INSTBLANK



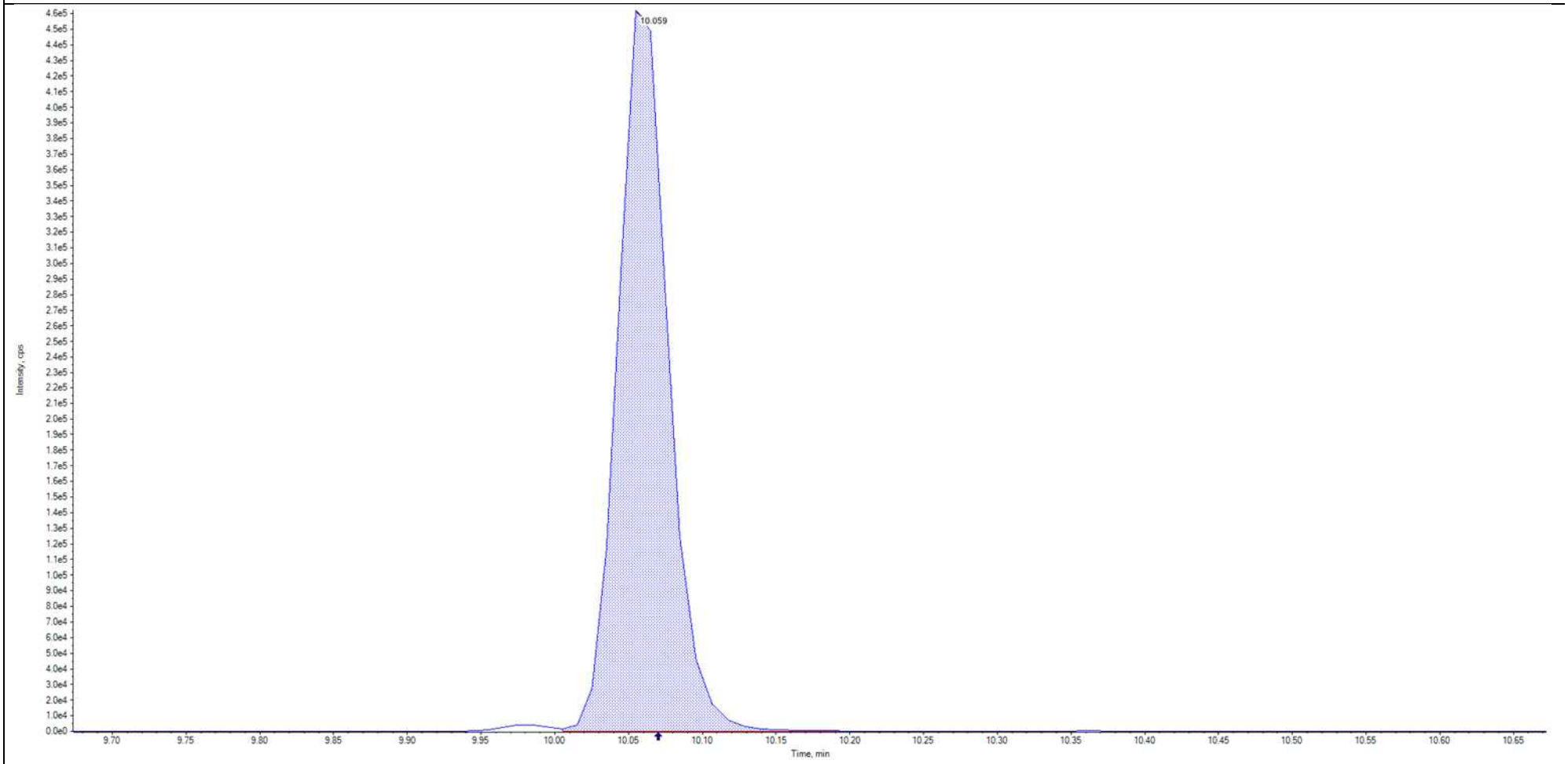
d3-NMeFOSAA
Sample: WG1958909-2,INSTBLANK



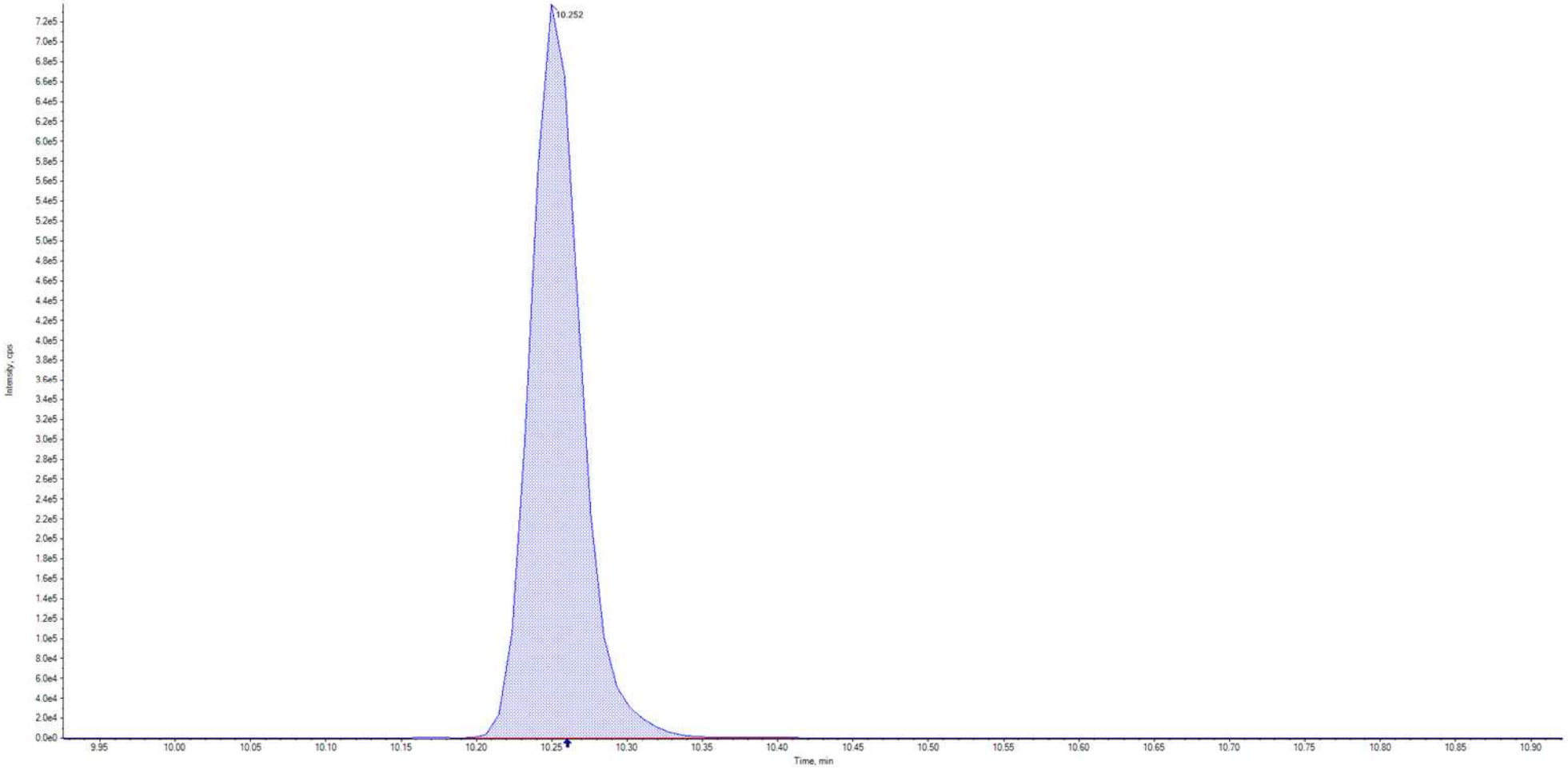
d5-NEtFOSAA
Sample: WG1958909-2,INSTBLANK



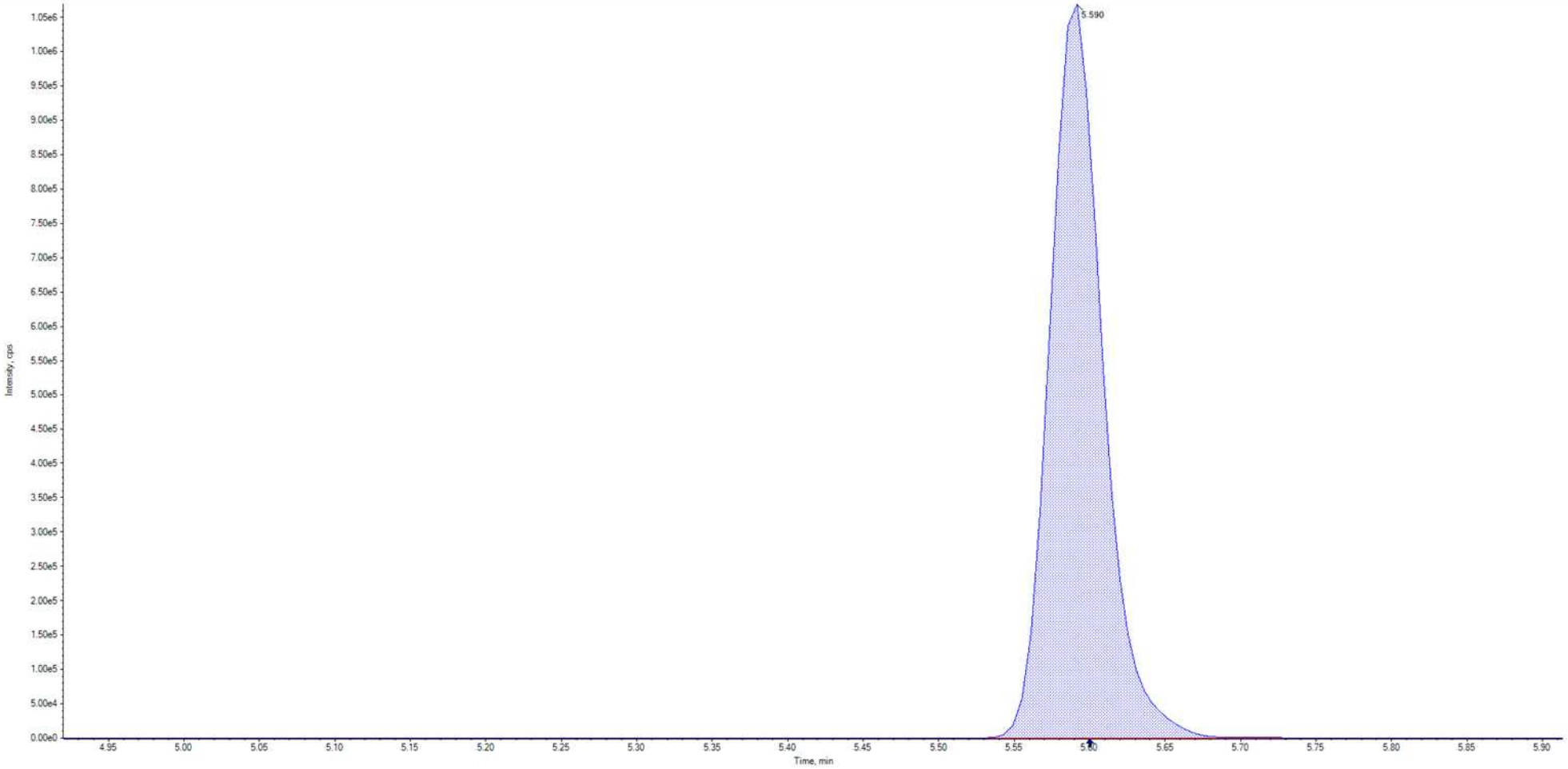
d7-NMeFOSE
Sample: WG1958909-2,INSTBLANK



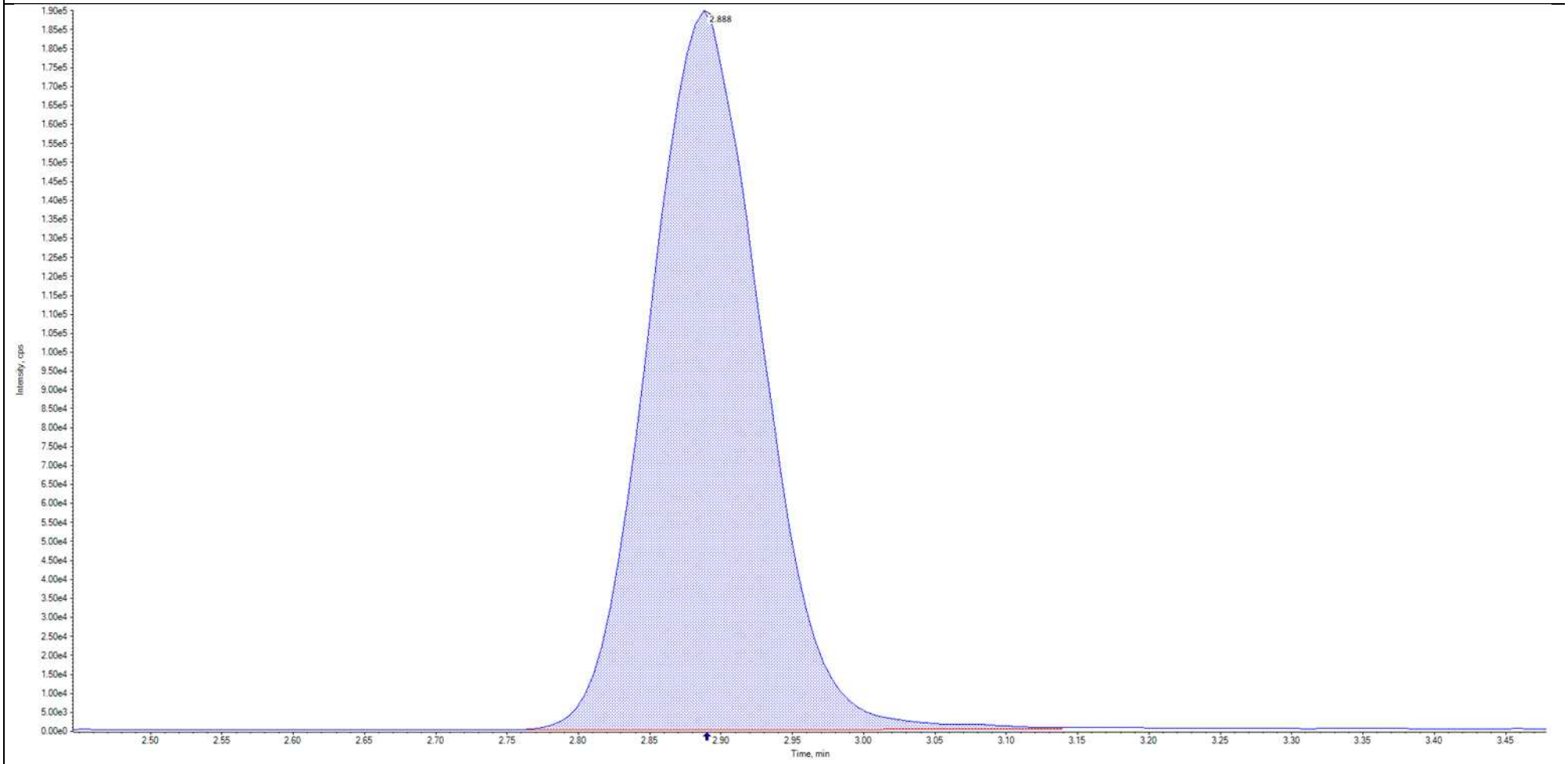
d9-NEtFOSE
Sample: WG1958909-2,INSTBLANK



13C3-HFPO-DA
Sample: WG1958909-2,INSTBLANK

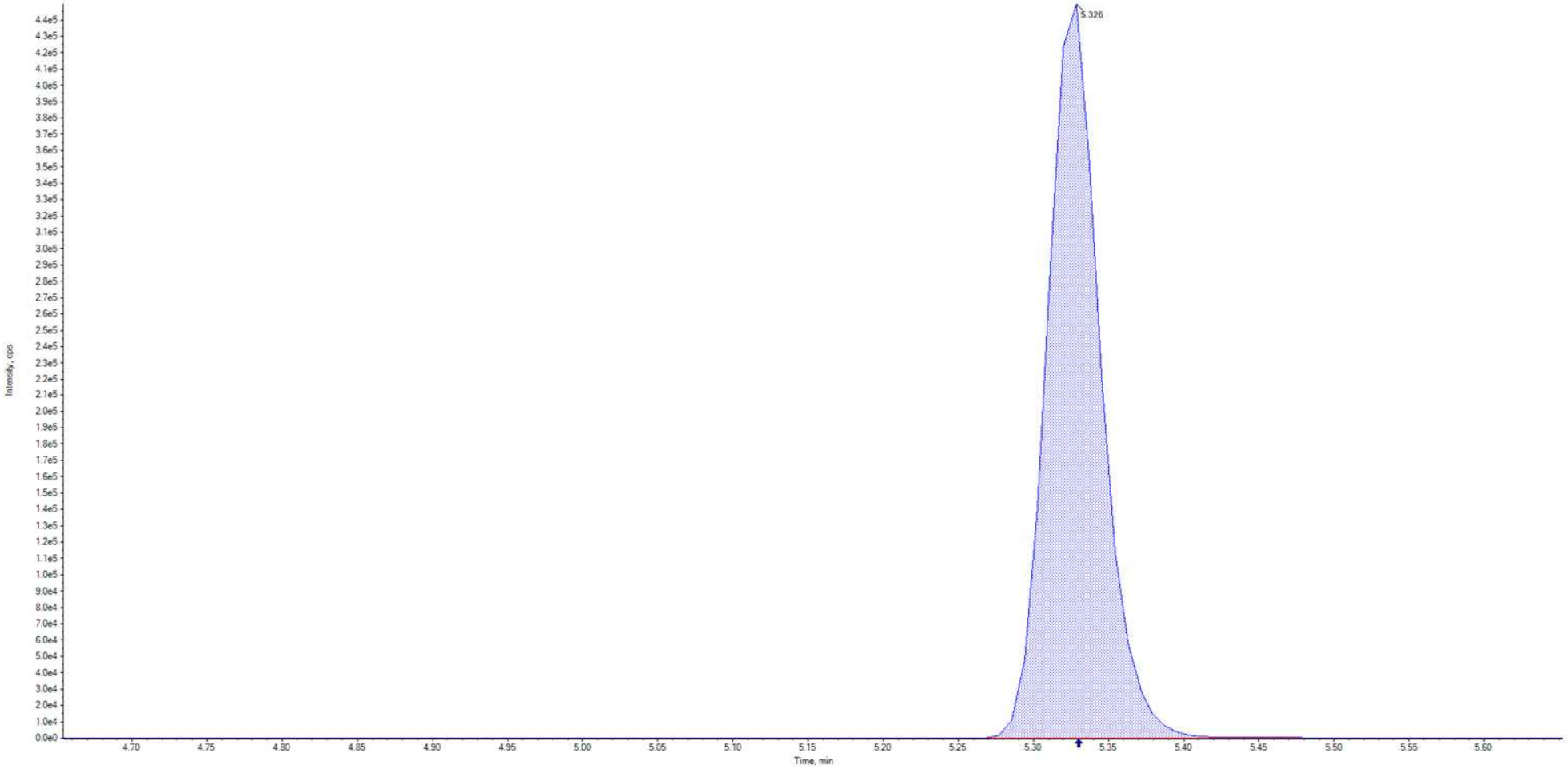


13C3-PFBA
Sample: WG1958909-2,INSTBLANK

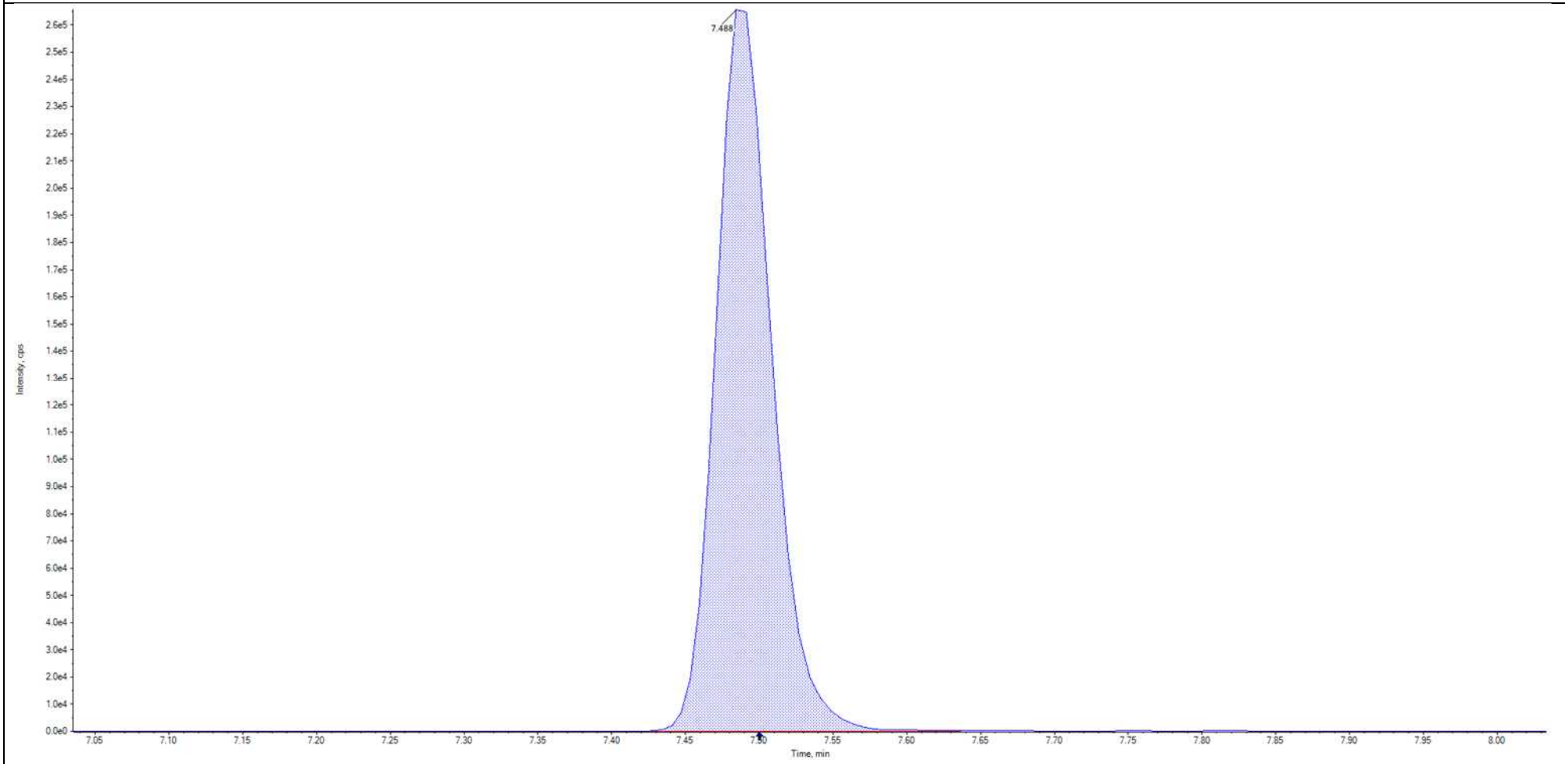


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 9:40:32 AM

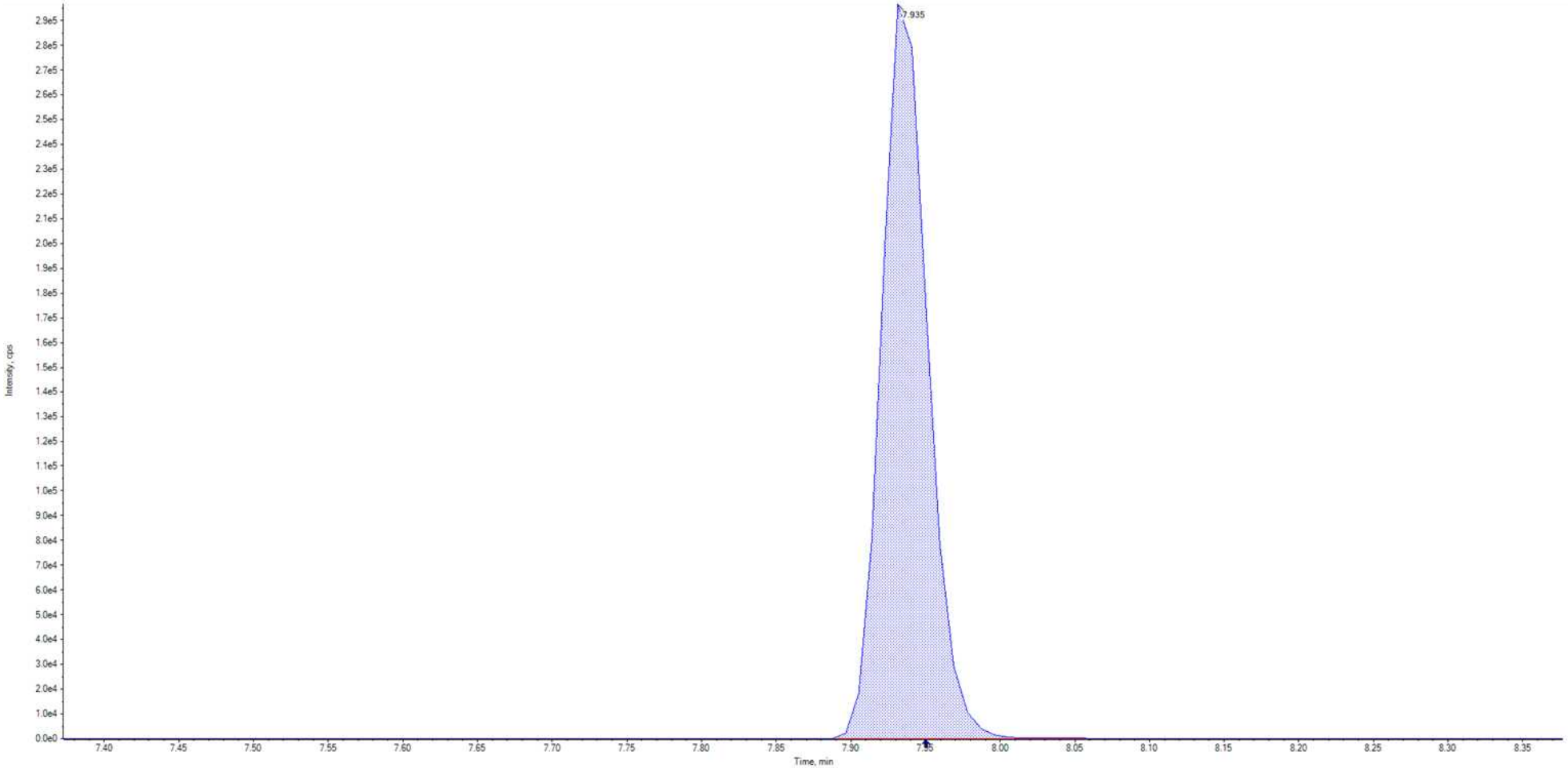
13C2-PFHxA
Sample: WG1958909-2,INSTBLANK



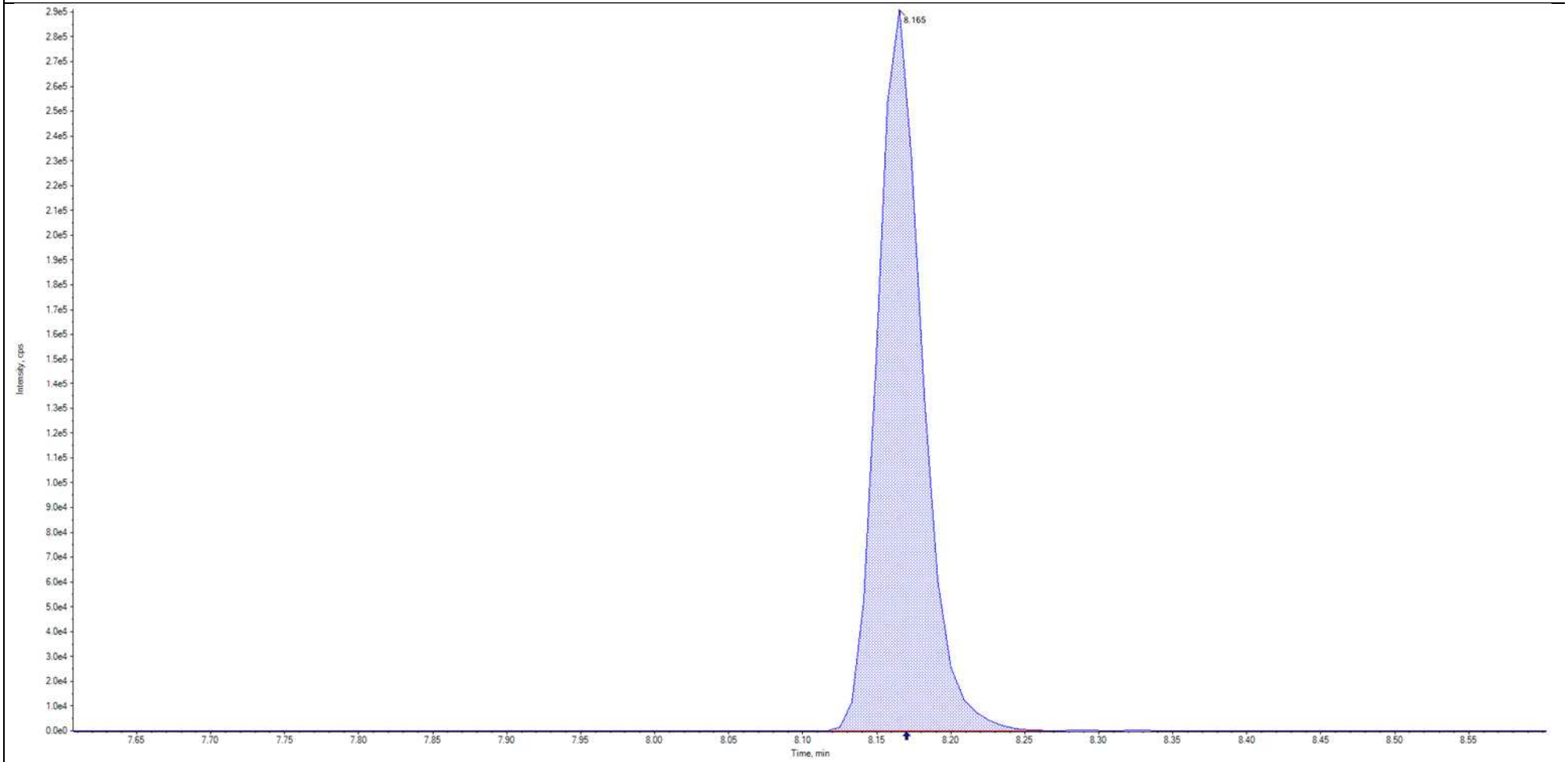
13C4-PFOA
Sample: WG1958909-2,INSTBLANK



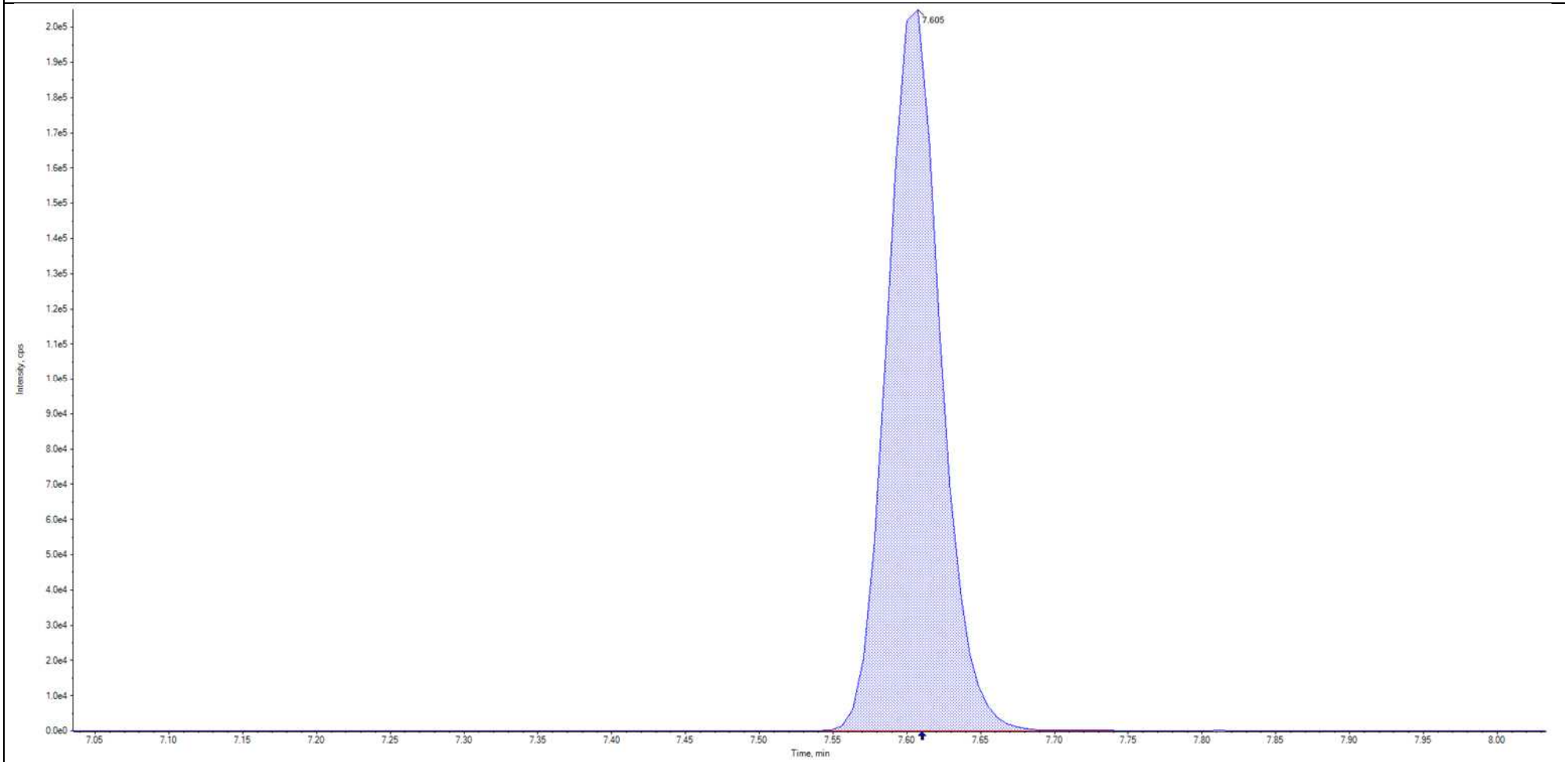
13C5-PFNA
Sample: WG1958909-2,INSTBLANK



13C2-PFDA
Sample: WG1958909-2,INSTBLANK

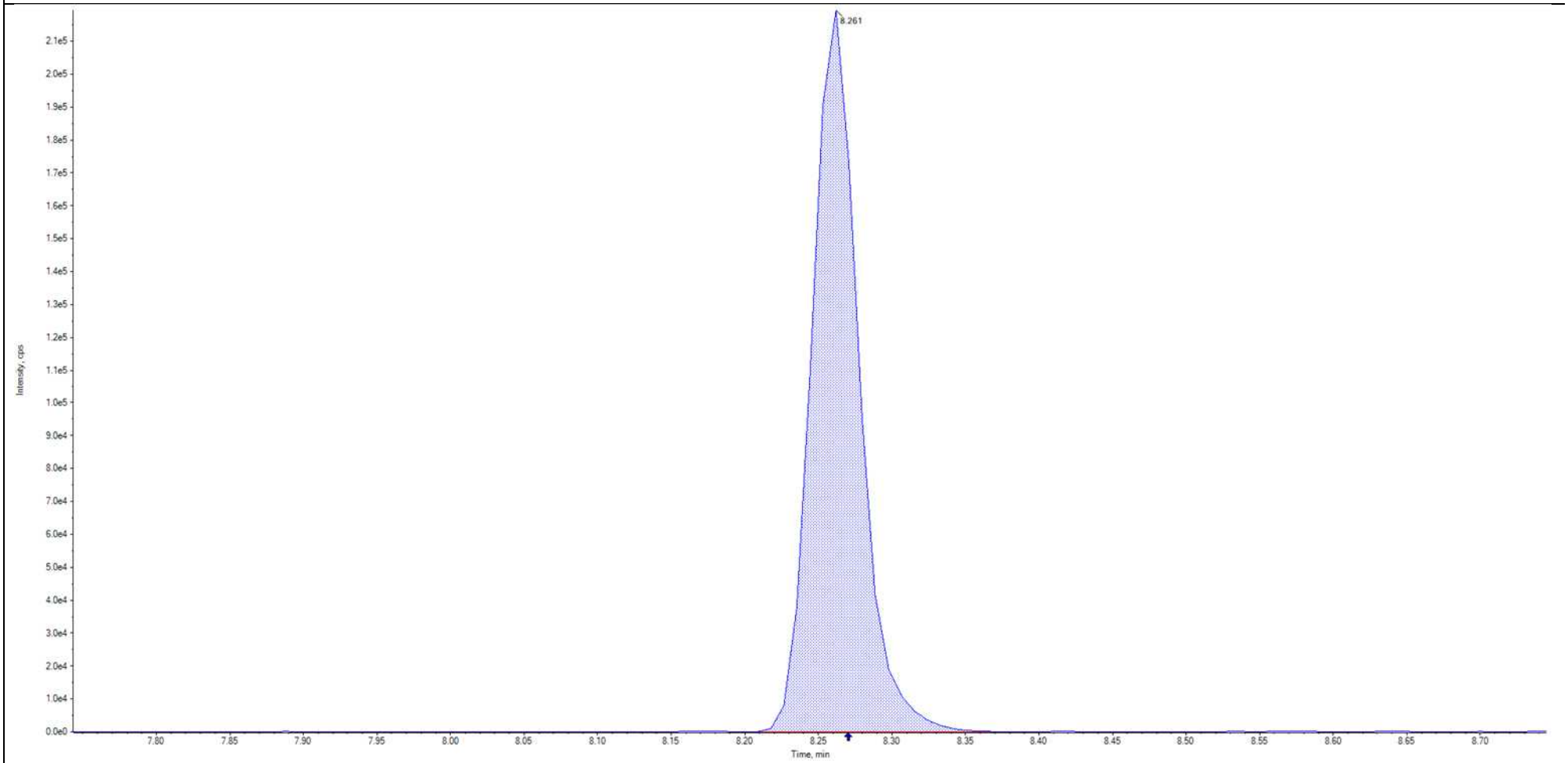


18O2-PFHxS
Sample: WG1958909-2,INSTBLANK



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C4-PFOS
Sample: WG1958909-2,INSTBLANK



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: WG1958909-3,INSTBLANK
Name: SCI05_240813_81.wiff
Date & Time: 2024-08-13T23:57:47
Description: WG1958909
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	N/A	213.0 / 169.0	N/A		N/A	N/A	N/A	N/A	N/A
2	PFPeA	2706-90-3	N/A	263.0 / 219.0	N/A		N/A	N/A	0.007	N/A	N/A
3	PFPeA_2	2706-90-3	N/A	263.0 / 68.9	N/A		N/A	N/A	0.007	N/A	N/A
4	PFHxA	307-24-4	N/A	313.0 / 269.0	N/A		N/A	N/A	0.072	N/A	N/A
5	PFHxA_2	307-24-4	N/A	313.0 / 119.0	N/A		N/A	N/A	0.072	N/A	N/A
6	PFHpA	375-85-9	N/A	363.1 / 319.0	N/A		N/A	N/A	0.297	N/A	N/A
7	PFHpA_2	375-85-9	N/A	363.1 / 169.0	N/A		N/A	N/A	0.297	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	N/A	413.1 / 369.1	N/A		N/A	N/A	0.586	N/A	N/A
9	PFOA_2	335-67-1	N/A	413.1 / 169.0	N/A		N/A	N/A	0.586	N/A	N/A
10	PFNA	375-95-1	N/A	462.8 / 418.9	N/A		N/A	N/A	0.313	N/A	N/A
11	PFNA_2	375-95-1	N/A	462.8 / 218.9	N/A		N/A	N/A	0.313	N/A	N/A
12	PFDA	335-76-2	N/A	513.1 / 469.1	N/A		N/A	N/A	0.142	N/A	N/A
13	PFDA_2	335-76-2	N/A	513.1 / 219.0	N/A		N/A	N/A	0.142	N/A	N/A
14	PFUnA	2058-94-8	N/A	563.1 / 519.1	N/A		N/A	N/A	0.194	N/A	N/A
15	PFUnA_2	2058-94-8	N/A	563.1 / 269.0	N/A		N/A	N/A	0.194	N/A	N/A
16	PFDoA	307-55-1	N/A	613.1 / 569.1	N/A		N/A	N/A	0.167	N/A	N/A
17	PFDoA_2	307-55-1	N/A	613.1 / 319.0	N/A		N/A	N/A	0.167	N/A	N/A
18	PFTrDA	72629-94-8	N/A	663.1 / 619.1	N/A		N/A	N/A	0.228	N/A	N/A
19	PFTrDA_2	72629-94-8	N/A	663.1 / 169.0	N/A		N/A	N/A	0.228	N/A	N/A
20	PFTeDA	376-06-7	N/A	713.1 / 669.1	N/A		N/A	N/A	0.137	N/A	N/A
21	PFTeDA_2	376-06-7	N/A	713.1 / 169.0	N/A		N/A	N/A	0.137	N/A	N/A
22	PFBS	375-73-5	N/A	299.1 / 80.1	N/A		N/A	N/A	0.396	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	N/A	299.1 / 99.1	N/A		N/A	N/A	0.396	N/A	N/A
24	PFPeS	2706-91-4	N/A	349.1 / 80.1	N/A		N/A	N/A	0.299	N/A	N/A
25	PFPeS_2	2706-91-4	N/A	349.1 / 99.1	N/A		N/A	N/A	0.299	N/A	N/A
26	PFHxS	355-46-4	N/A	399.1 / 80.1	N/A		N/A	N/A	0.315	N/A	N/A
27	PFHxS_2	355-46-4	N/A	399.1 / 99.1	N/A		N/A	N/A	0.315	N/A	N/A
28	PFHpS	375-92-8	N/A	449.1 / 80.1	N/A		N/A	N/A	0.287	N/A	N/A
29	PFHpS_2	375-92-8	N/A	449.1 / 99.1	N/A		N/A	N/A	0.287	N/A	N/A
30	PFOS	1763-23-1	N/A	499.1 / 80.1	N/A		N/A	N/A	0.238	N/A	N/A
31	PFOS_2	1763-23-1	N/A	499.1 / 99.1	N/A		N/A	N/A	0.238	N/A	N/A
32	PFNS	68259-12-1	N/A	549.1 / 80.1	N/A		N/A	N/A	0.301	N/A	N/A
33	PFNS_2	68259-12-1	N/A	549.1 / 99.1	N/A		N/A	N/A	0.301	N/A	N/A
34	PFDS	335-77-3	N/A	599.1 / 80.1	N/A		N/A	N/A	0.275	N/A	N/A
35	PFDS_2	335-77-3	N/A	599.1 / 99.1	N/A		N/A	N/A	0.275	N/A	N/A
36	PFDoS	79780-39-5	N/A	699.2 / 80.1	N/A		N/A	N/A	0.274	N/A	N/A
37	PFDoS_2	79780-39-5	N/A	699.2 / 99.1	N/A		N/A	N/A	0.274	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.14	327.1 / 307.1	24729		0.206	0.509	0.516	Pass	N/A
39	4:2FTS_2	757124-72-4	5.14	327.1 / 81.1	12589		0.196	0.509	0.516	Pass	N/A
40	6:2FTS	27619-97-2	N/A	427.2 / 407.2	N/A		N/A	N/A	0.565	N/A	N/A
41	6:2FTS_2	27619-97-2	N/A	427.2 / 81.1	N/A		N/A	N/A	0.565	N/A	N/A
42	8:2FTS	39108-34-4	N/A	527.2 / 507.2	N/A		N/A	N/A	0.662	N/A	N/A
43	8:2FTS_2	39108-34-4	N/A	527.2 / 81.1	N/A		N/A	N/A	0.662	N/A	N/A
44	PFOSA	754-91-6	N/A	498.1 / 78.1	N/A		N/A	N/A	0.025	N/A	N/A
45	PFOSA_2	754-91-6	N/A	498.1 / 478.0	N/A		N/A	N/A	0.025	N/A	N/A
46	NMeFOSA	31506-32-8	N/A	512.2 / 219.0	N/A		N/A	N/A	1.551	N/A	N/A
47	NMeFOSA_2	31506-32-8	N/A	512.2 / 169.0	N/A		N/A	N/A	1.551	N/A	N/A
48	NEtFOSA	4151-50-2	N/A	526.2 / 219.0	N/A		N/A	N/A	1.285	N/A	N/A
49	NEtFOSA_2	4151-50-2	N/A	526.2 / 169.0	N/A		N/A	N/A	1.285	N/A	N/A
50	NMeFOSAA	2355-31-9	N/A	570.2 / 419.1	N/A		N/A	N/A	0.700	N/A	N/A
51	NMeFOSAA_2	2355-31-9	N/A	570.2 / 483.0	N/A		N/A	N/A	0.700	N/A	N/A
52	NEtFOSAA	2991-50-6	N/A	584.2 / 419.1	N/A		N/A	N/A	0.487	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	N/A	584.2 / 526.2	N/A		N/A	N/A	0.487	N/A	N/A
54	NMeFOSE	24448-09-7	10.08	616.1 / 58.9	13295	M5	0.112	N/A	N/A	N/A	N/A
55	NEtFOSE	1691-99-2	10.28	630.0 / 58.9	23968	M5	0.112	N/A	N/A	N/A	N/A
56	HFPO-DA	13252-13-6	N/A	285.0 / 169.0	N/A		N/A	N/A	0.464	N/A	N/A
57	HFPO-DA_2	13252-13-6	N/A	285.0 / 184.9	N/A		N/A	N/A	0.464	N/A	N/A
58	ADONA	919005-14-4	N/A	377.1 / 251.0	N/A		N/A	N/A	0.634	N/A	N/A
59	ADONA_2	919005-14-4	N/A	377.1 / 84.8	N/A		N/A	N/A	0.634	N/A	N/A
60	9Cl-PF3ONS	756426-58-1	N/A	530.8 / 351.1	N/A		N/A	N/A	0.322	N/A	N/A
61	9Cl-PF3ONS_2	756426-58-1	N/A	532.8 / 353.0	N/A		N/A	N/A	0.322	N/A	N/A
62	11Cl-PF3OUdS	763051-92-9	N/A	630.9 / 451.0	N/A		N/A	N/A	0.331	N/A	N/A
63	11Cl-PF3OUdS_2	763051-92-9	N/A	632.9 / 452.9	N/A		N/A	N/A	0.331	N/A	N/A
64	3:3FTCA	356-02-5	N/A	241.1 / 177.1	N/A		N/A	N/A	1.074	N/A	N/A
65	3:3FTCA_2	356-02-5	N/A	241.1 / 117.0	N/A		N/A	N/A	1.074	N/A	N/A
66	5:3FTCA	914637-49-3	N/A	341.1 / 237.1	N/A		N/A	N/A	0.953	N/A	N/A
67	5:3FTCA_2	914637-49-3	N/A	341.1 / 217.0	N/A		N/A	N/A	0.953	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.21	441.1 / 316.9	31669		0.325	1.670	1.558	Pass	N/A
69	7:3FTCA_2	812-70-4	8.21	441.1 / 337.1	52892		0.374	1.670	1.558	Pass	N/A
70	PFEESA	113507-82-7	N/A	315.1 / 135.0	N/A		N/A	N/A	0.087	N/A	N/A
71	PFEESA_2	113507-82-7	N/A	315.1 / 82.9	N/A		N/A	N/A	0.087	N/A	N/A
72	PFMPA	377-73-1	N/A	229.0 / 85.0	N/A		N/A	N/A	N/A	N/A	N/A
73	PFMBA	863090-89-5	N/A	279.0 / 85.0	N/A		N/A	N/A	N/A	N/A	N/A
74	NFDHA	151772-58-6	N/A	295.0 / 201.0	N/A		N/A	N/A	0.910	N/A	N/A
75	NFDHA_2	151772-58-6	N/A	295.0 / 84.9	N/A		N/A	N/A	0.910	N/A	N/A
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.13	333.2 / 312.1	923024		5.338	N/A	N/A	N/A	N/A
79	13C2-PFOA	Surr	7.50	415.0 / 370.0	3303332		2.507	N/A	N/A	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2523656		10.263	NA	NA	NA	102.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1581078		5.176	NA	NA	NA	103.5
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	989418		2.466	NA	NA	NA	98.6
	13C4-PFHpA	EIS	6.24	367.0 / 322.0	1021617		2.543	NA	NA	NA	101.7
	13C8-PFOA	EIS	7.49	421.0 / 376.0	1503887		2.527	NA	NA	NA	101.1
	13C9-PFNA	EIS	7.94	472.0 / 427.0	704924		1.210	NA	NA	NA	96.8
	13C6-PFDA	EIS	8.17	519.0 / 474.0	703562		1.299	NA	NA	NA	104.0
	13C7-PFUnA	EIS	8.46	570.0 / 525.0	591561		1.350	NA	NA	NA	108.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.89	615.1 / 570.0	355414		1.247	NA	NA	NA	99.8
	13C2-PFTeDA	EIS	9.90	715.1 / 670.1	354461		1.146	NA	NA	NA	91.7
	13C3-PFBS	EIS	5.31	302.1 / 80.1	784429		2.435	NA	NA	NA	104.5
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	624714		2.441	NA	NA	NA	103.0
	13C8-PFOS	EIS	8.26	507.1 / 80.1	674222		2.389	NA	NA	NA	99.8
	13C2-4:2FTS	EIS	5.13	329.1 / 81.1	287076		4.993	NA	NA	NA	106.5
	13C2-6:2FTS	EIS	7.09	429.2 / 81.1	200592		4.761	NA	NA	NA	100.1
	13C2-8:2FTS	EIS	8.07	529.2 / 81.1	308803		5.008	NA	NA	NA	104.3

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	955397		2.547	NA	NA	NA	101.9
	d3-NMeFOSA	EIS	10.16	515.2 / 219.0	152826		2.420	NA	NA	NA	96.8
	d5-NEtFOSA	EIS	10.36	531.2 / 219.0	154572		2.505	NA	NA	NA	100.2
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	718613		5.033	NA	NA	NA	100.7
	d5-NEtFOSAA	EIS	8.35	589.3 / 419.1	374093		4.986	NA	NA	NA	99.7
	d7-NMeFOSE	EIS	10.06	623.2 / 58.9	1202052		24.646	NA	NA	NA	98.6
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1817167		25.270	NA	NA	NA	101.1

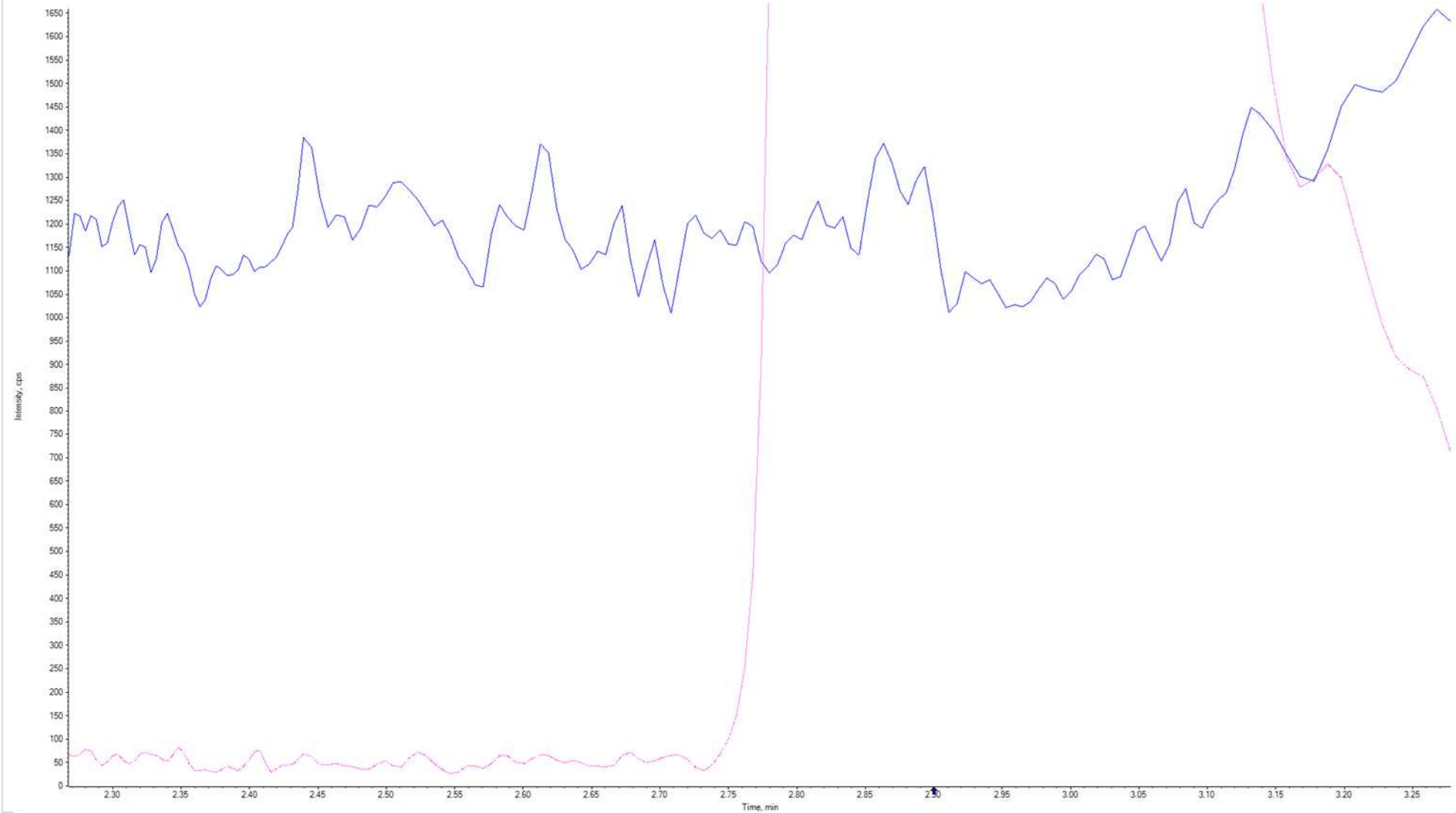
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.60	287.0 / 169.0	2798953		10.527	NA	NA	NA	105.3
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1075649		5.031	NA	NA	NA	100.6
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1191249		2.433	NA	NA	NA	97.3
	13C4-PFOA	NIS	7.49	417.0 / 372.0	778547		2.487	NA	NA	NA	99.5
	13C5-PFNA	NIS	7.94	468.0 / 423.0	710042		1.296	NA	NA	NA	103.7
	13C2-PFDA	NIS	8.17	515.1 / 470.1	636077		1.241	NA	NA	NA	99.3
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	520101		2.220	NA	NA	NA	93.7
	13C4-PFOS	NIS	8.26	503.1 / 80.1	499194		2.371	NA	NA	NA	99.0

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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

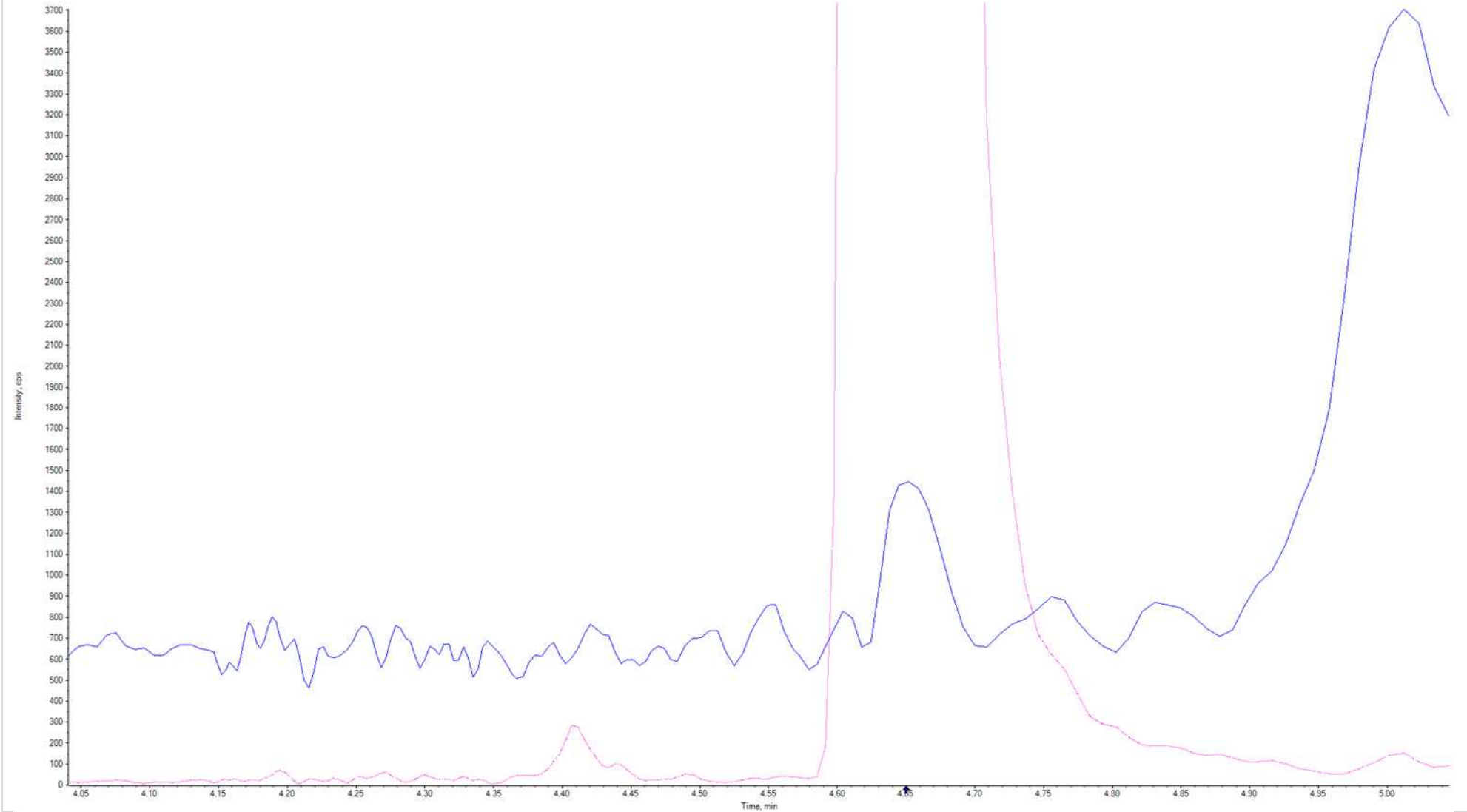
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PFBA
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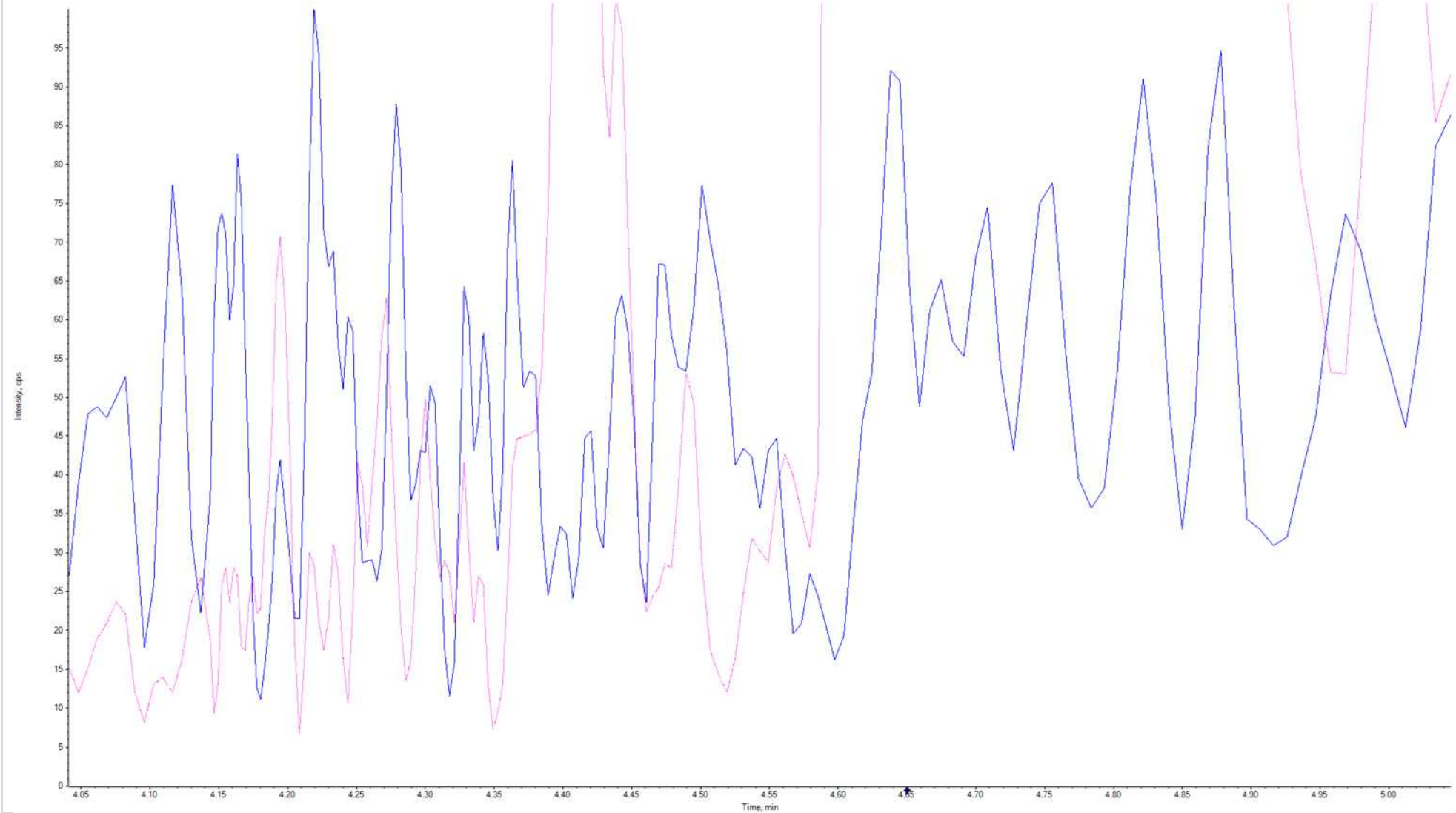
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PFPeA
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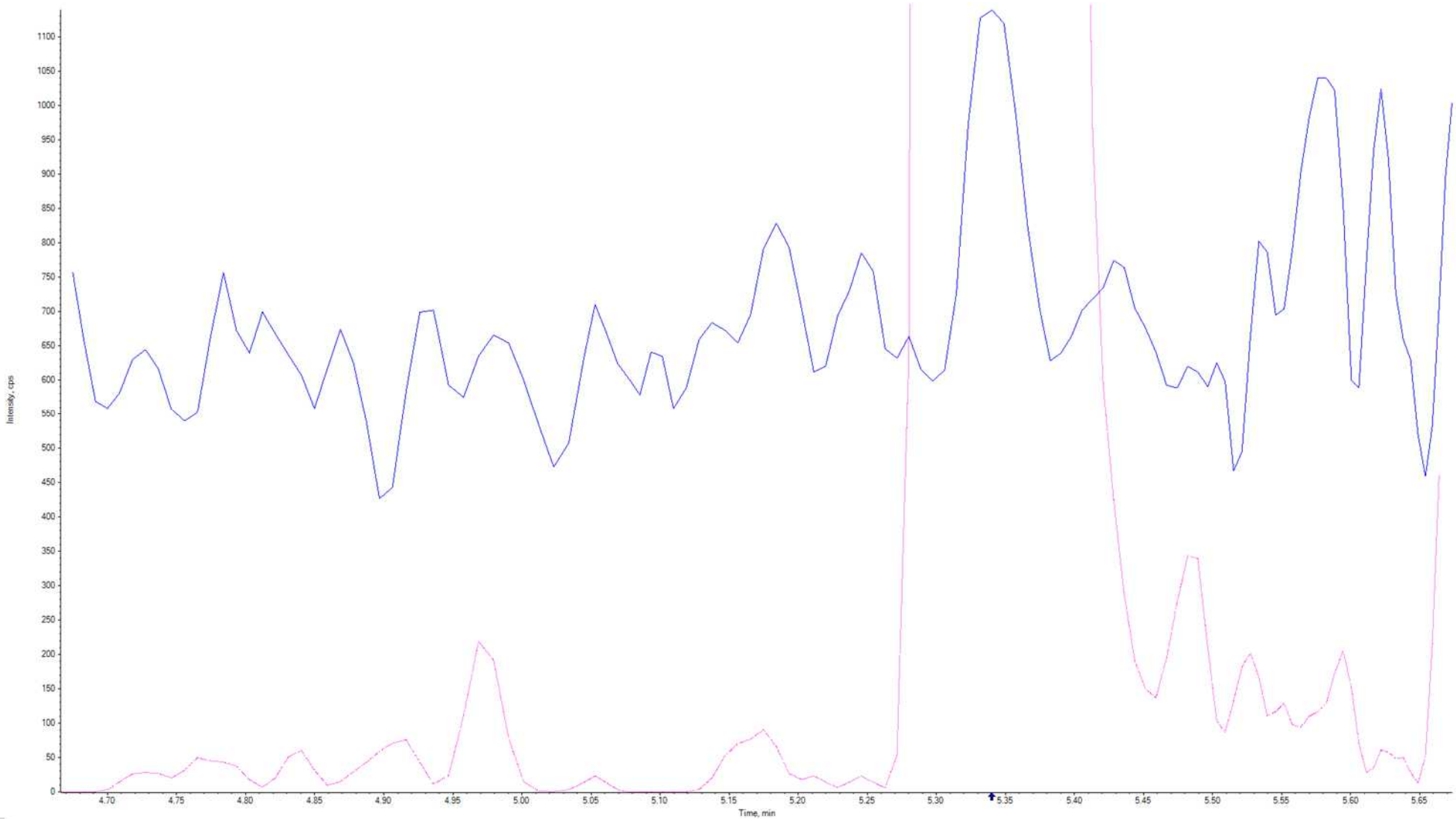
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PFPeA_2
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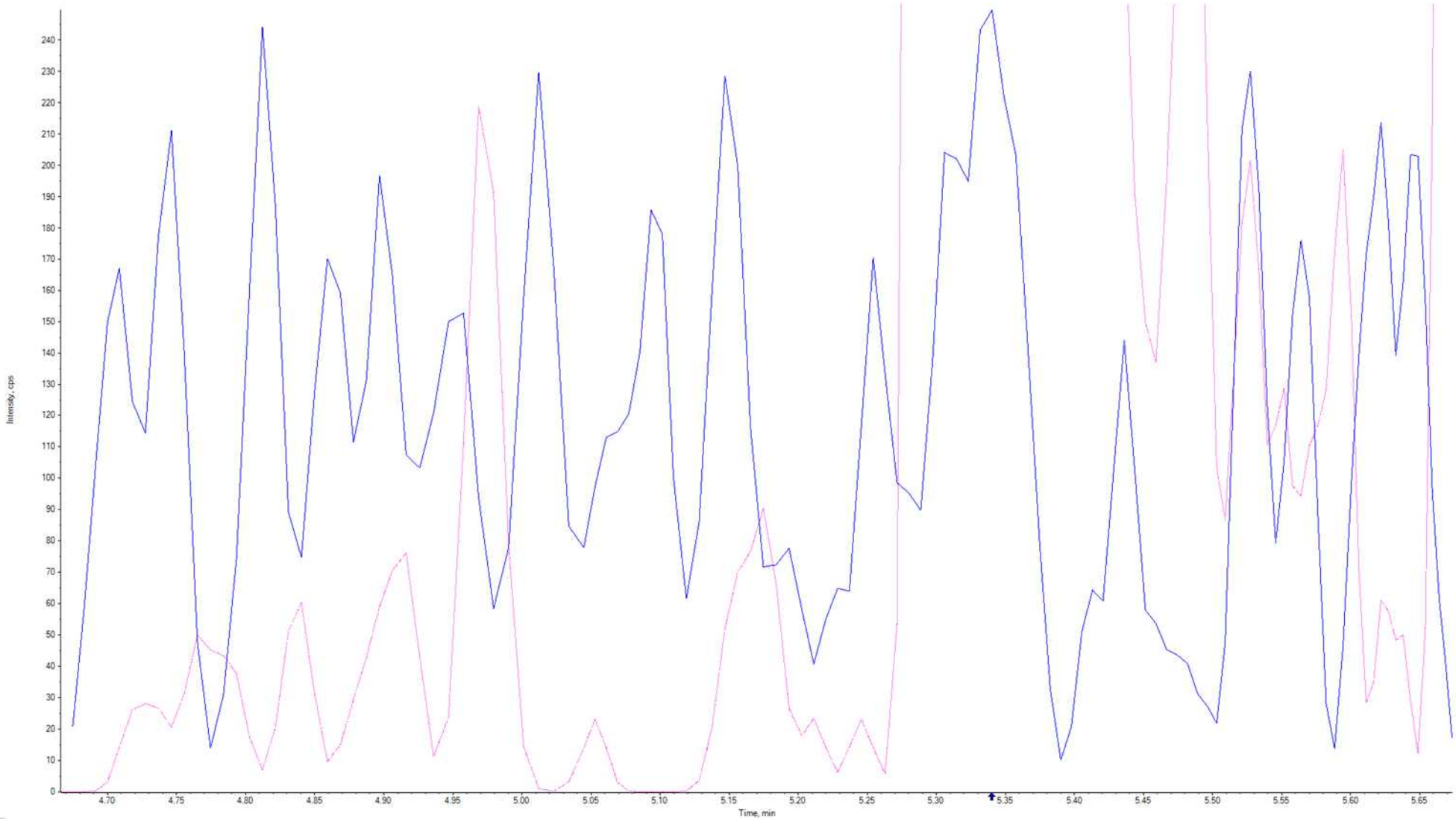
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PFHxA
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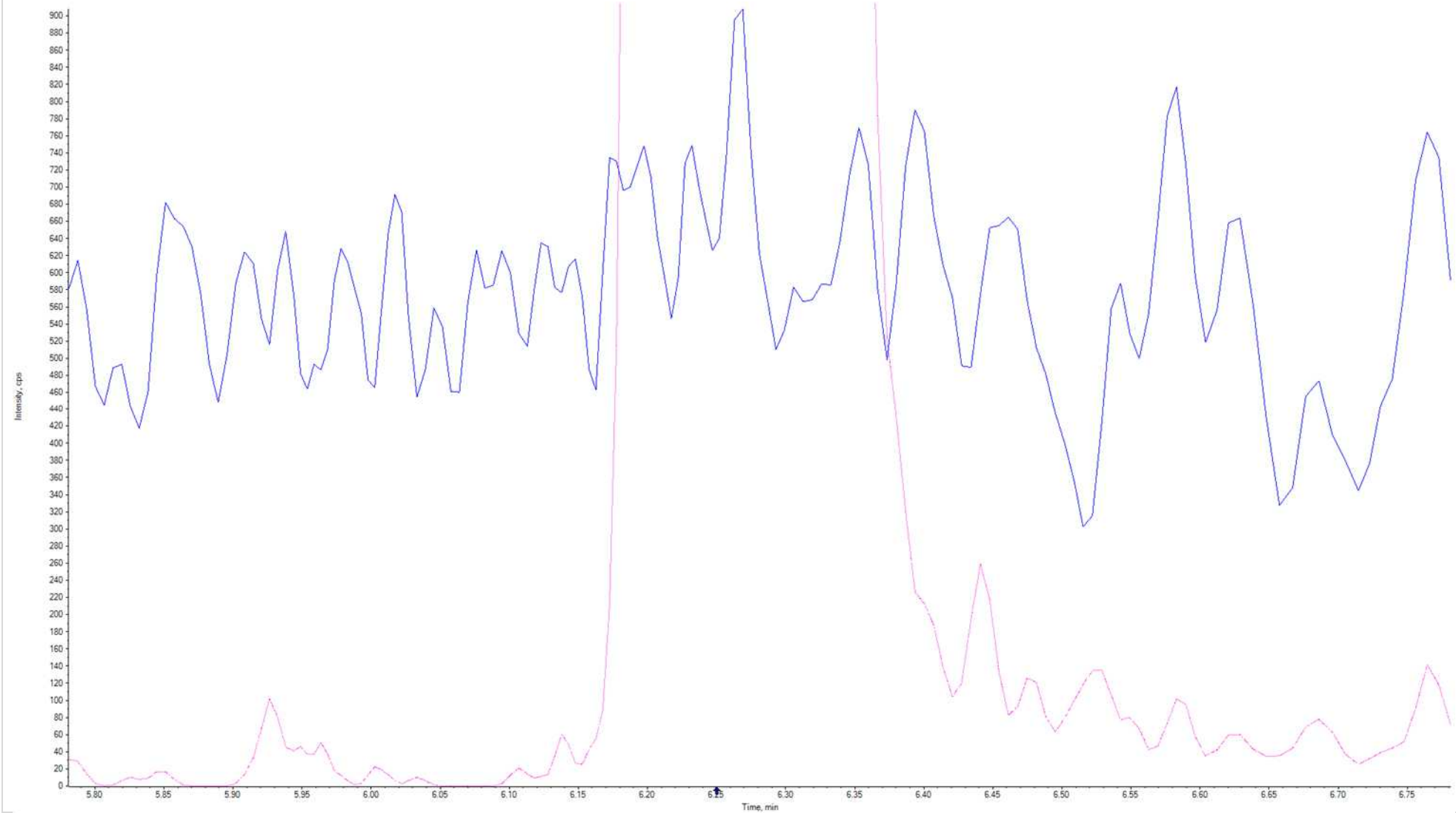
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PFHxA_2
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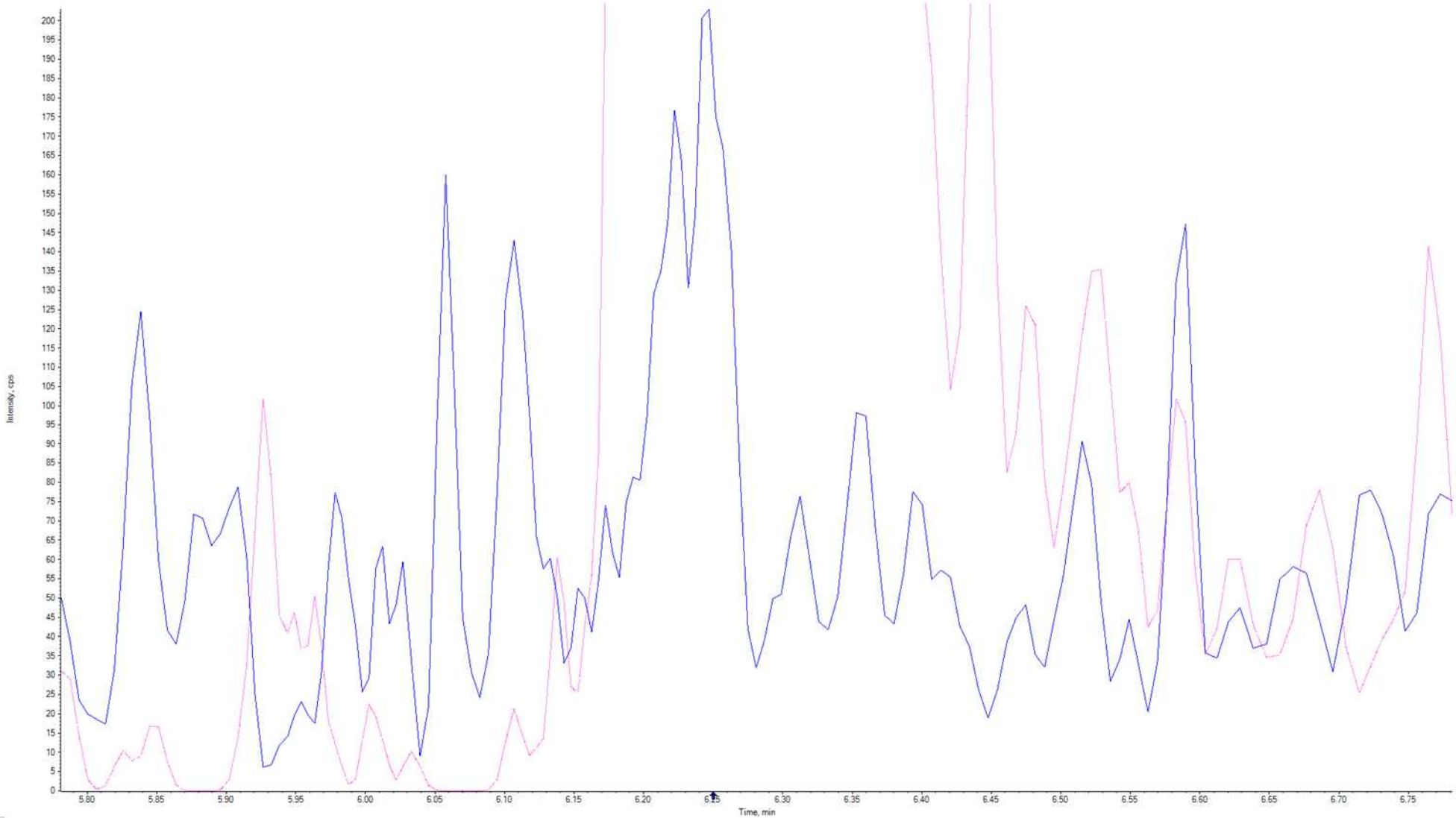
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PFHpA
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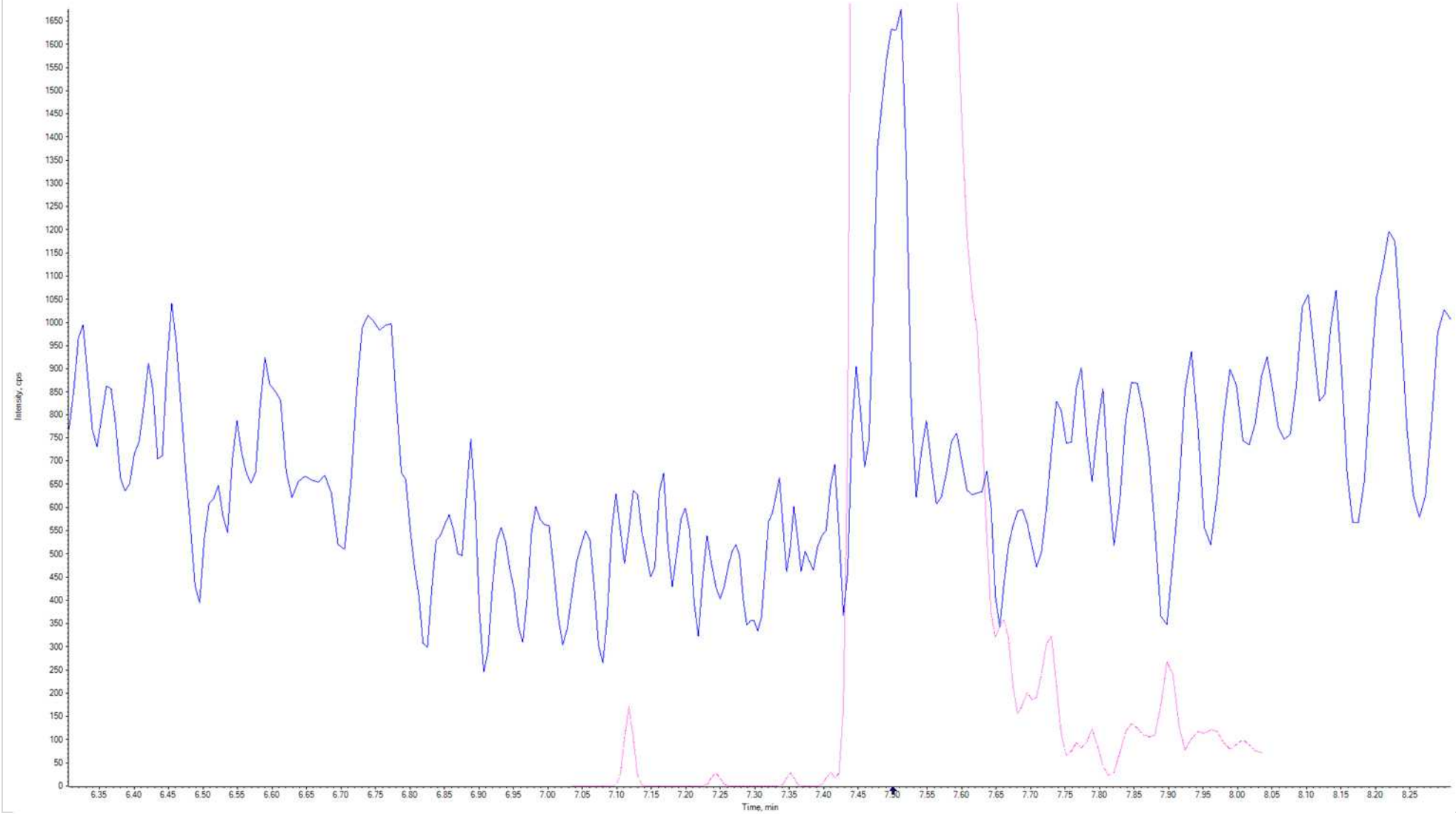
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PFHpA_2
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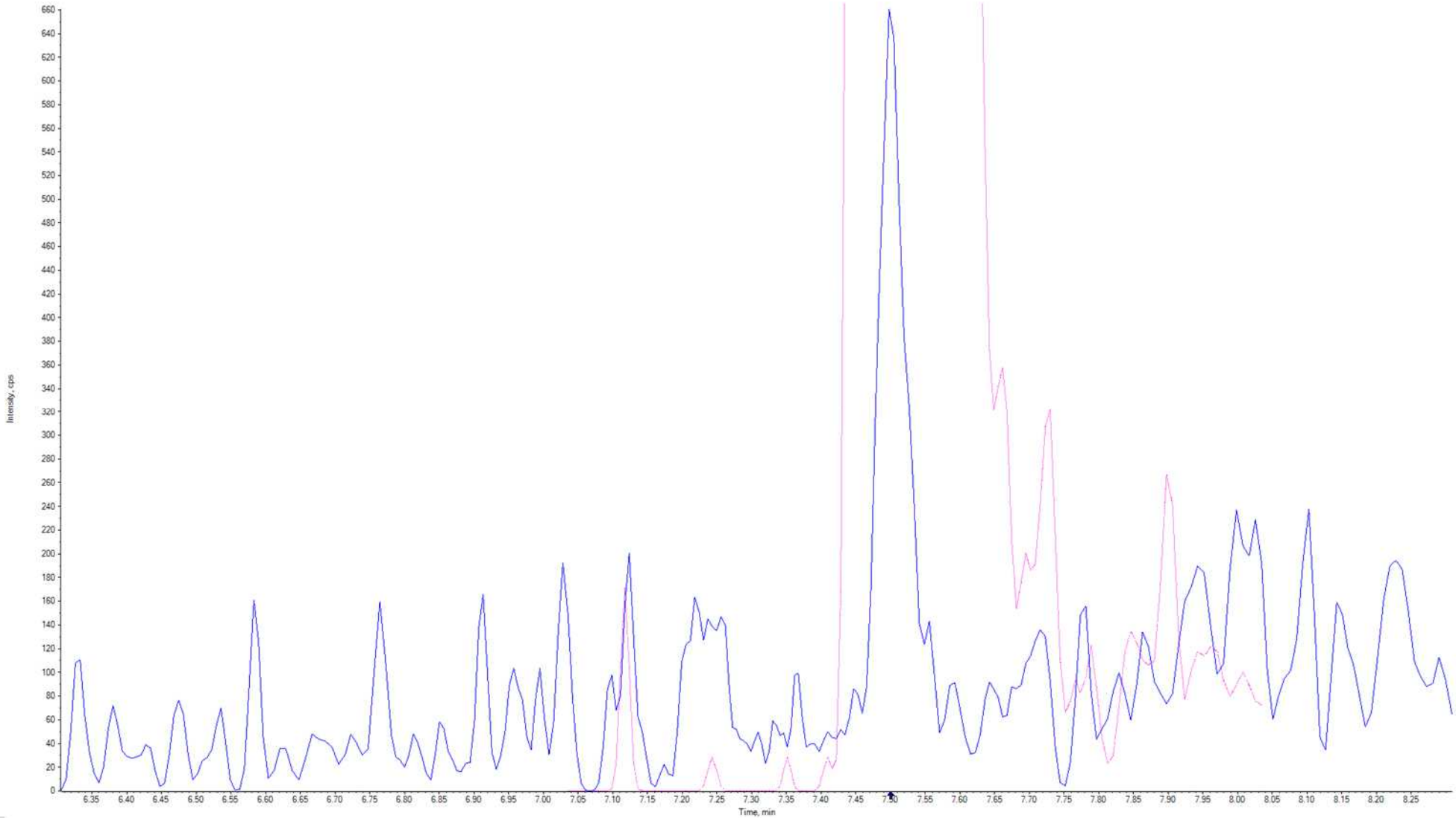
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PFOA
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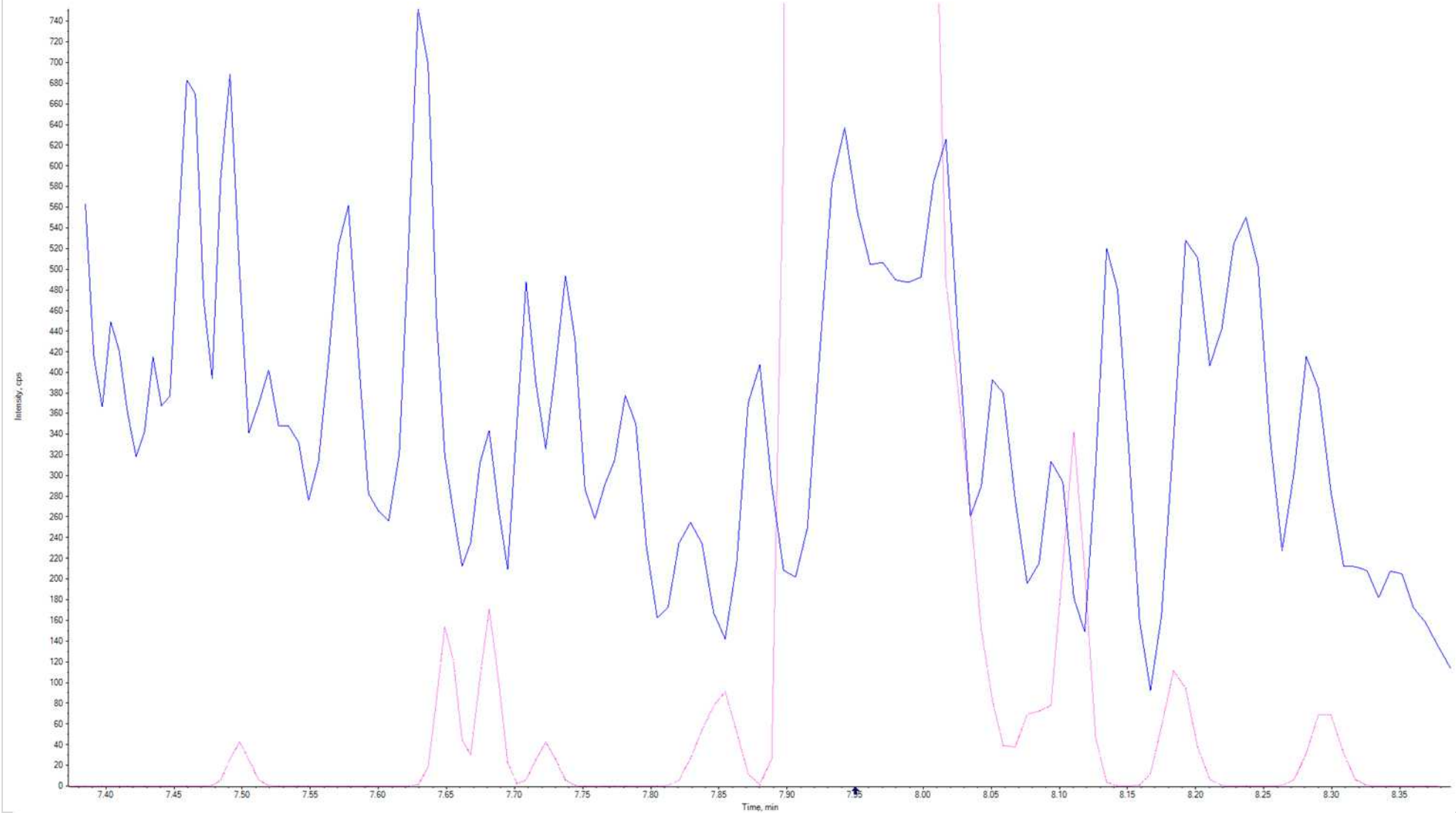
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PFOA_2
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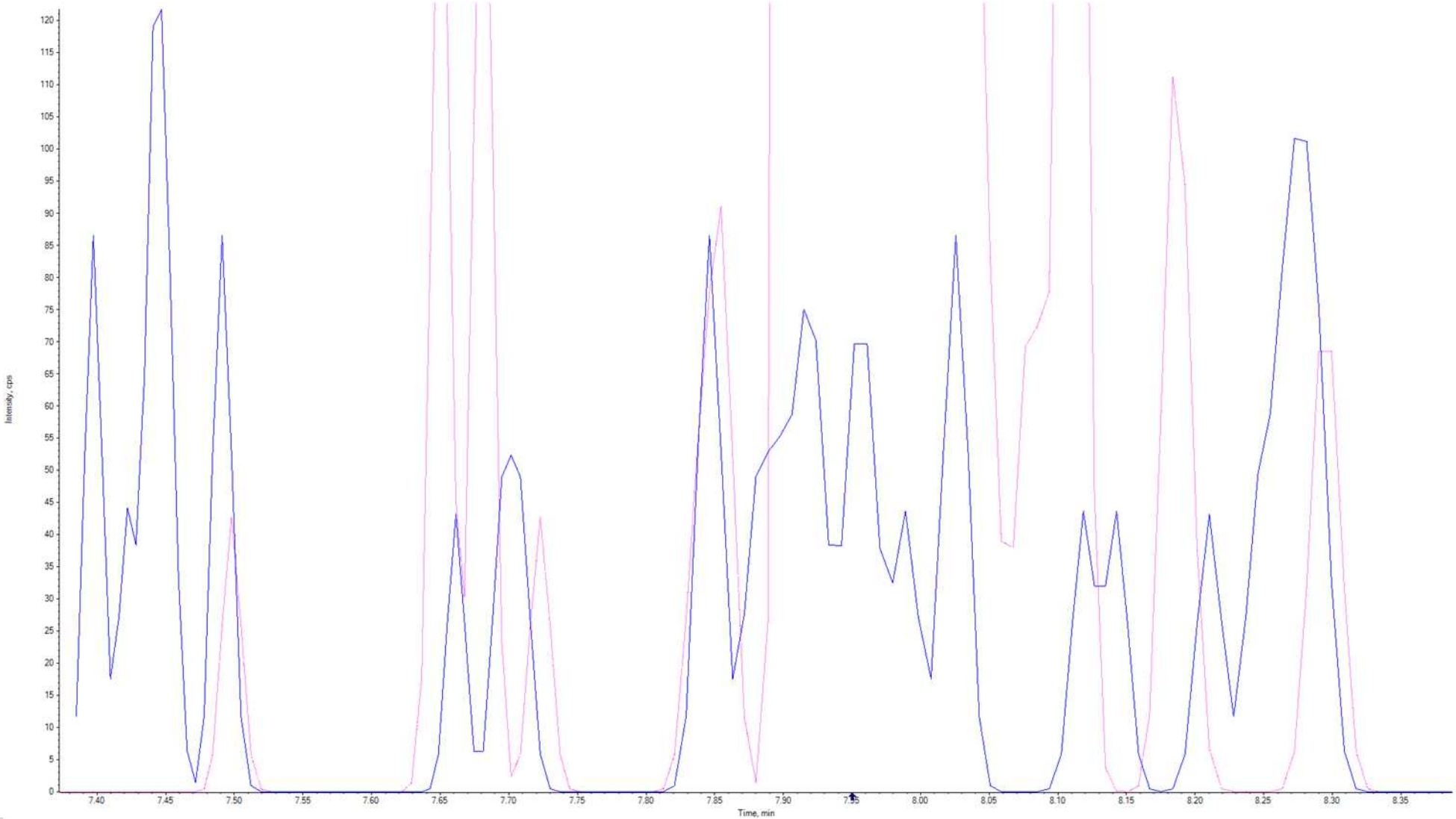
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PFNA
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



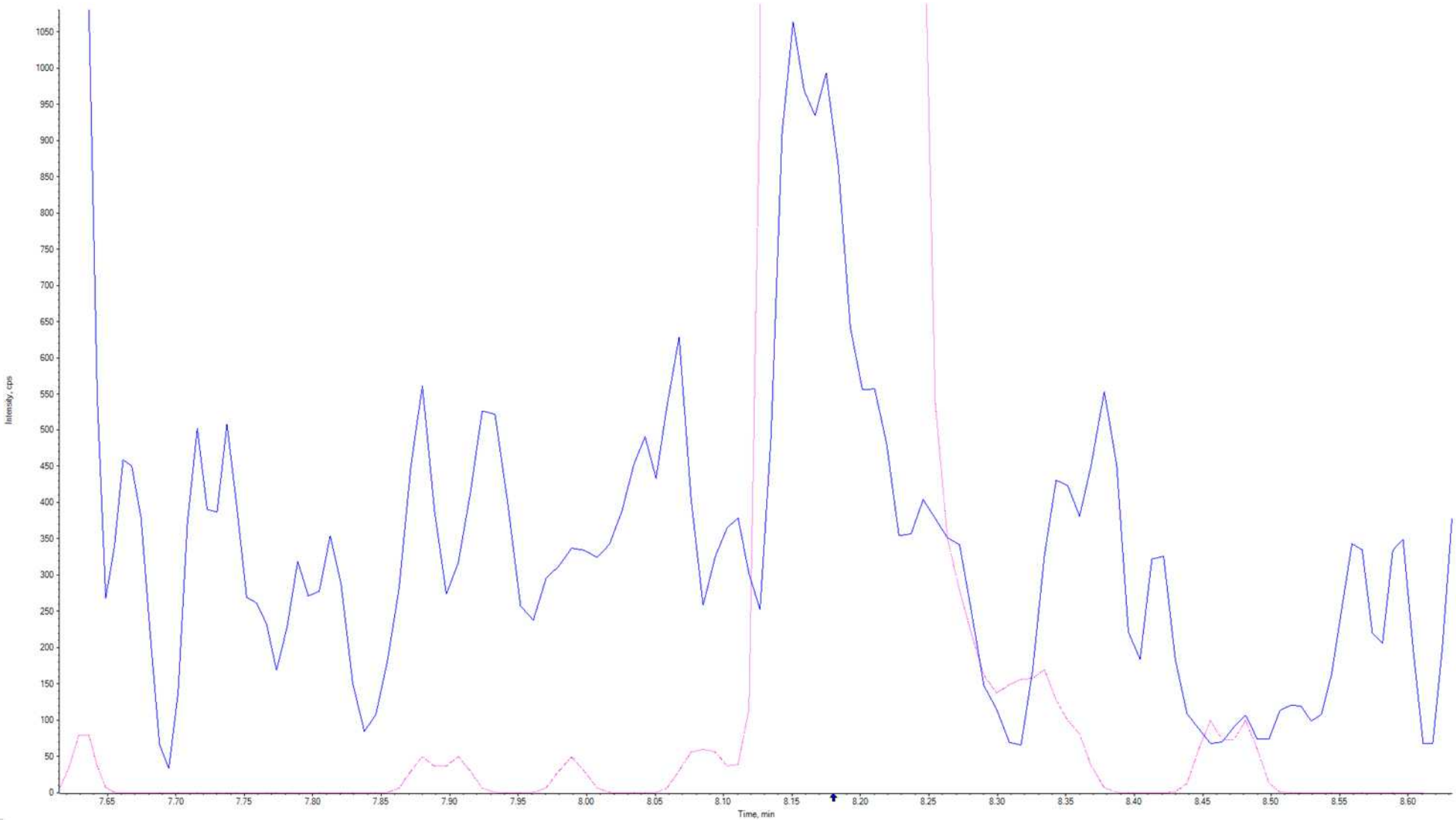
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFNA_2
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



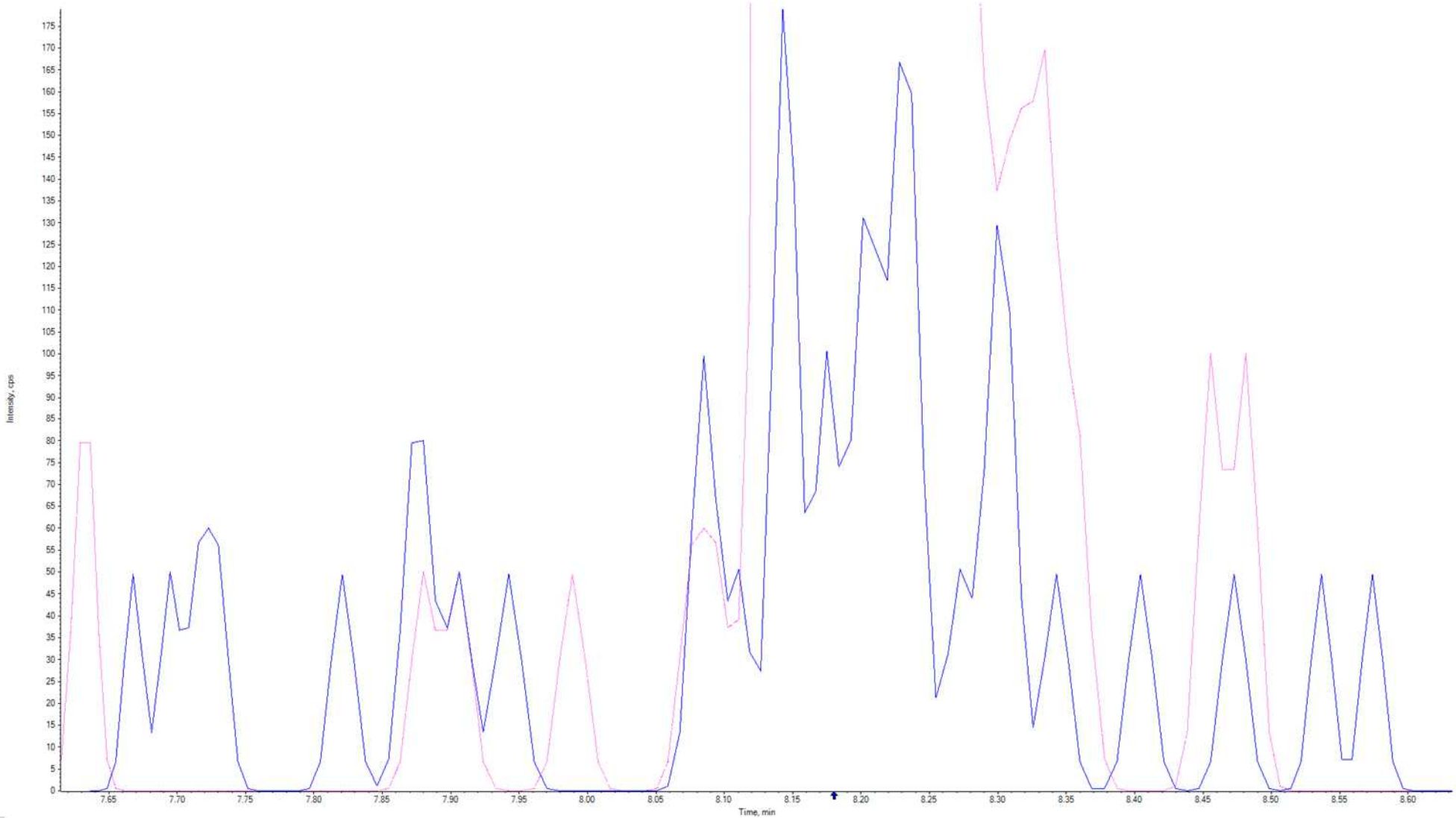
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PFDA
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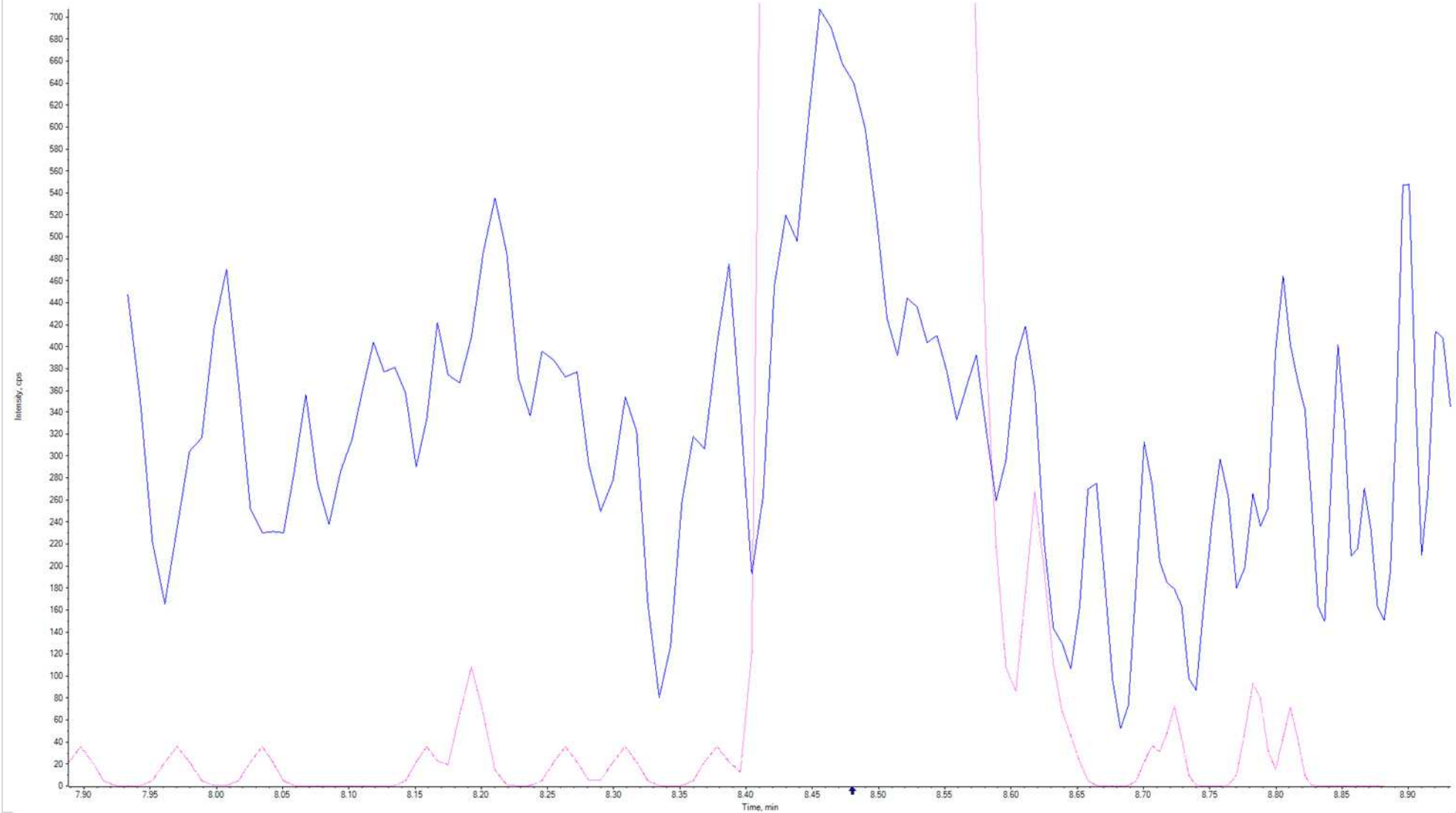
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PFDA_2
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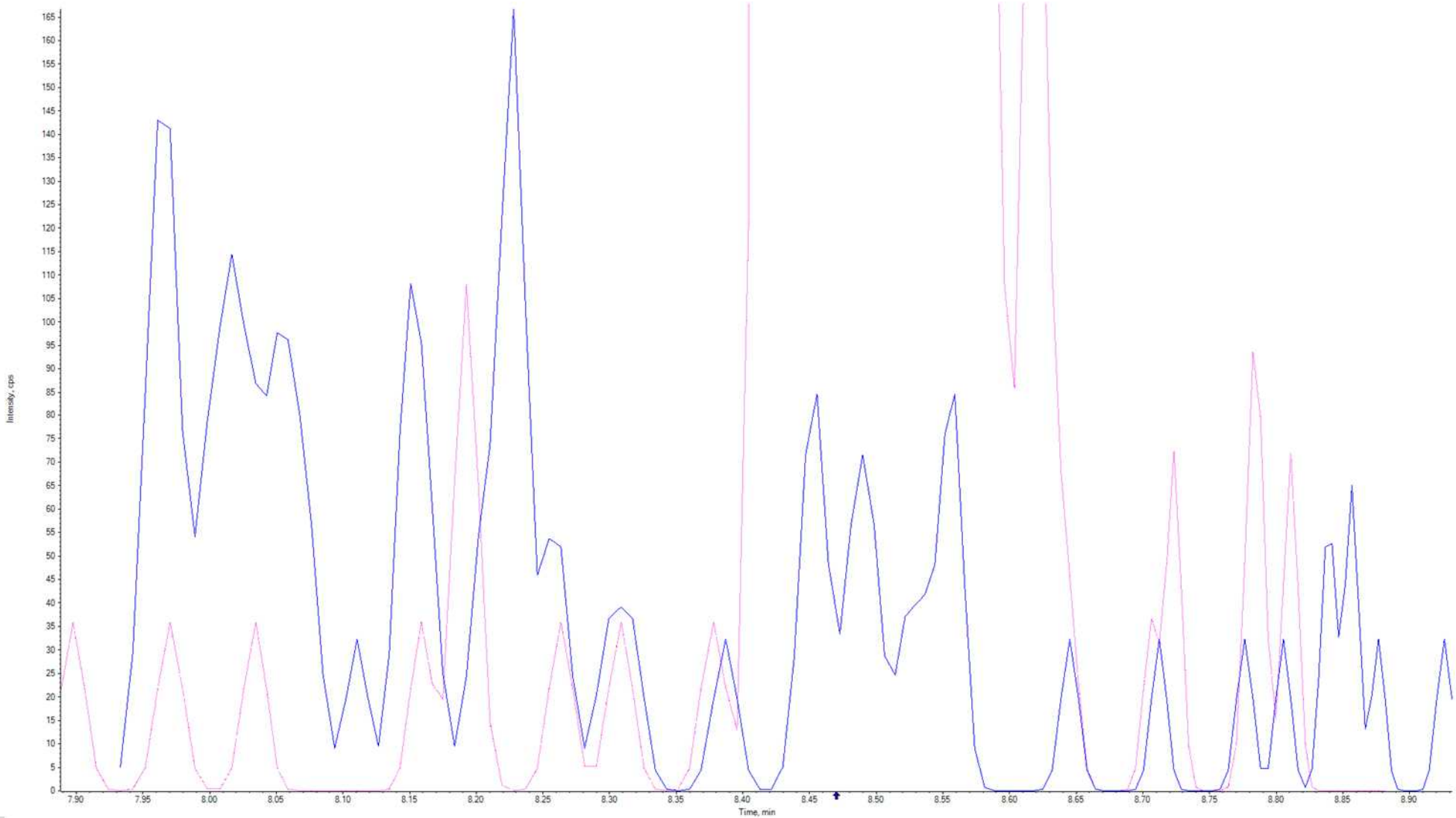
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PFUnA
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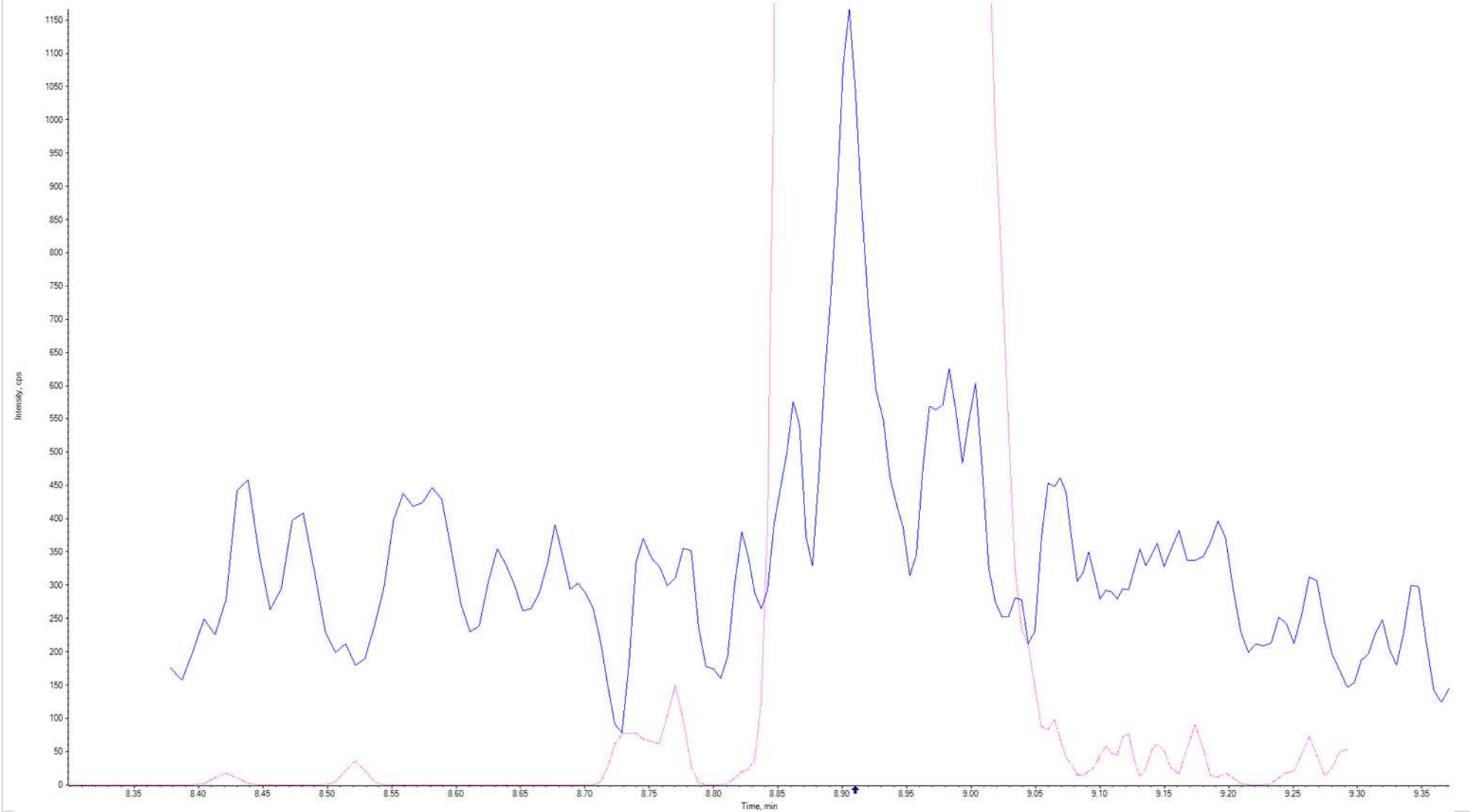
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PFUnA_2
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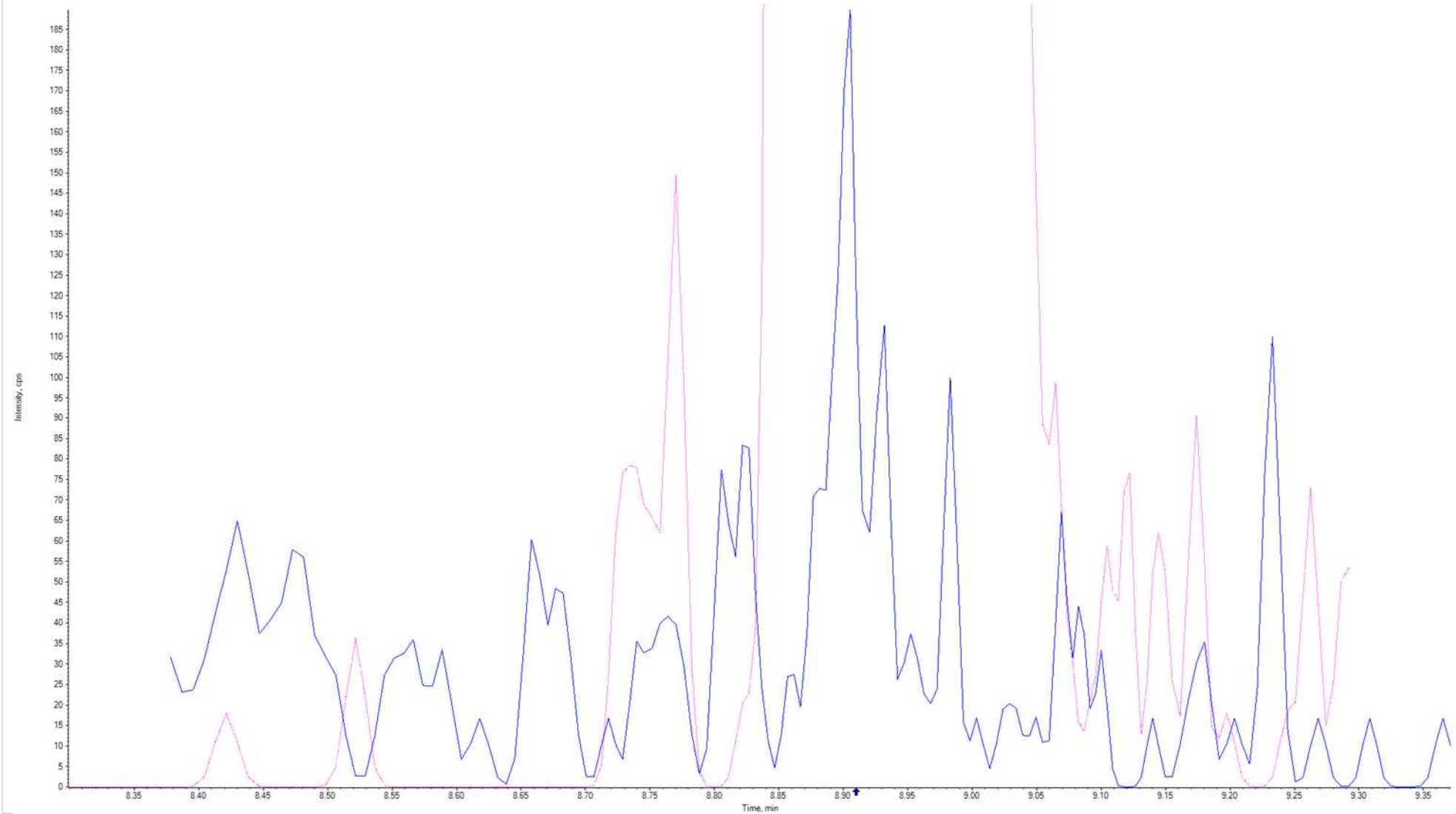
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PFDoA
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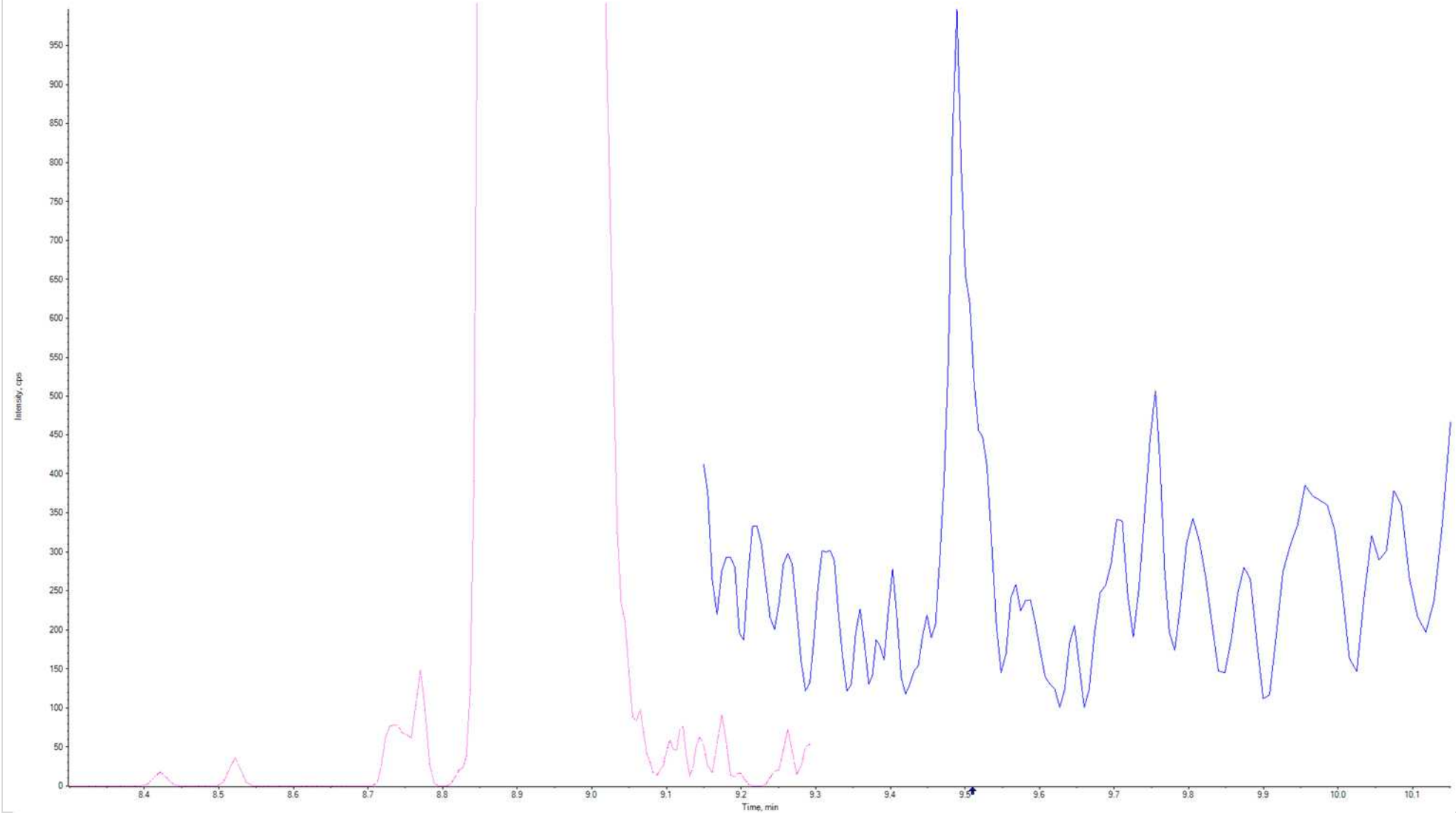
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PFDoA_2
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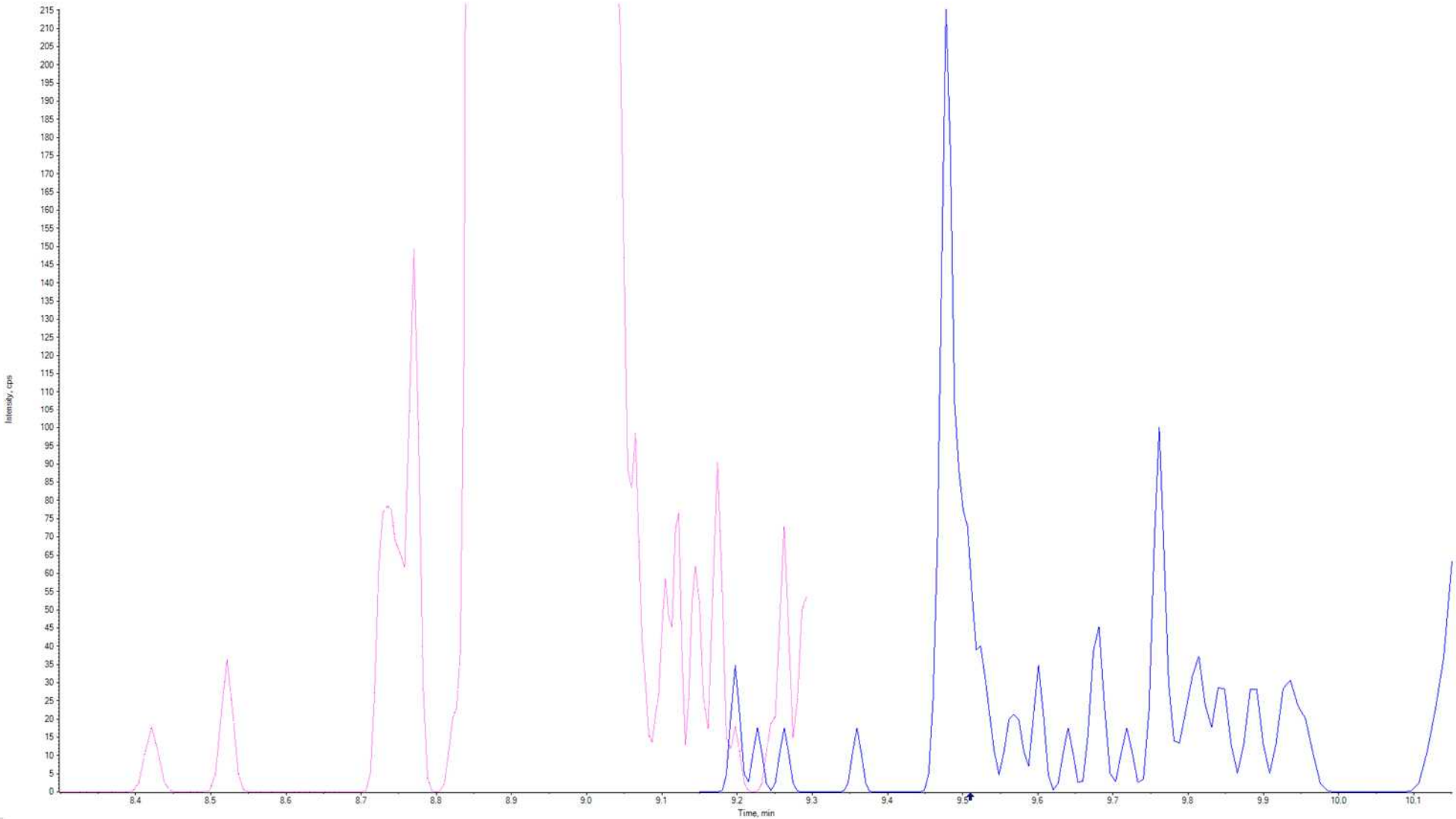
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PFTrDA
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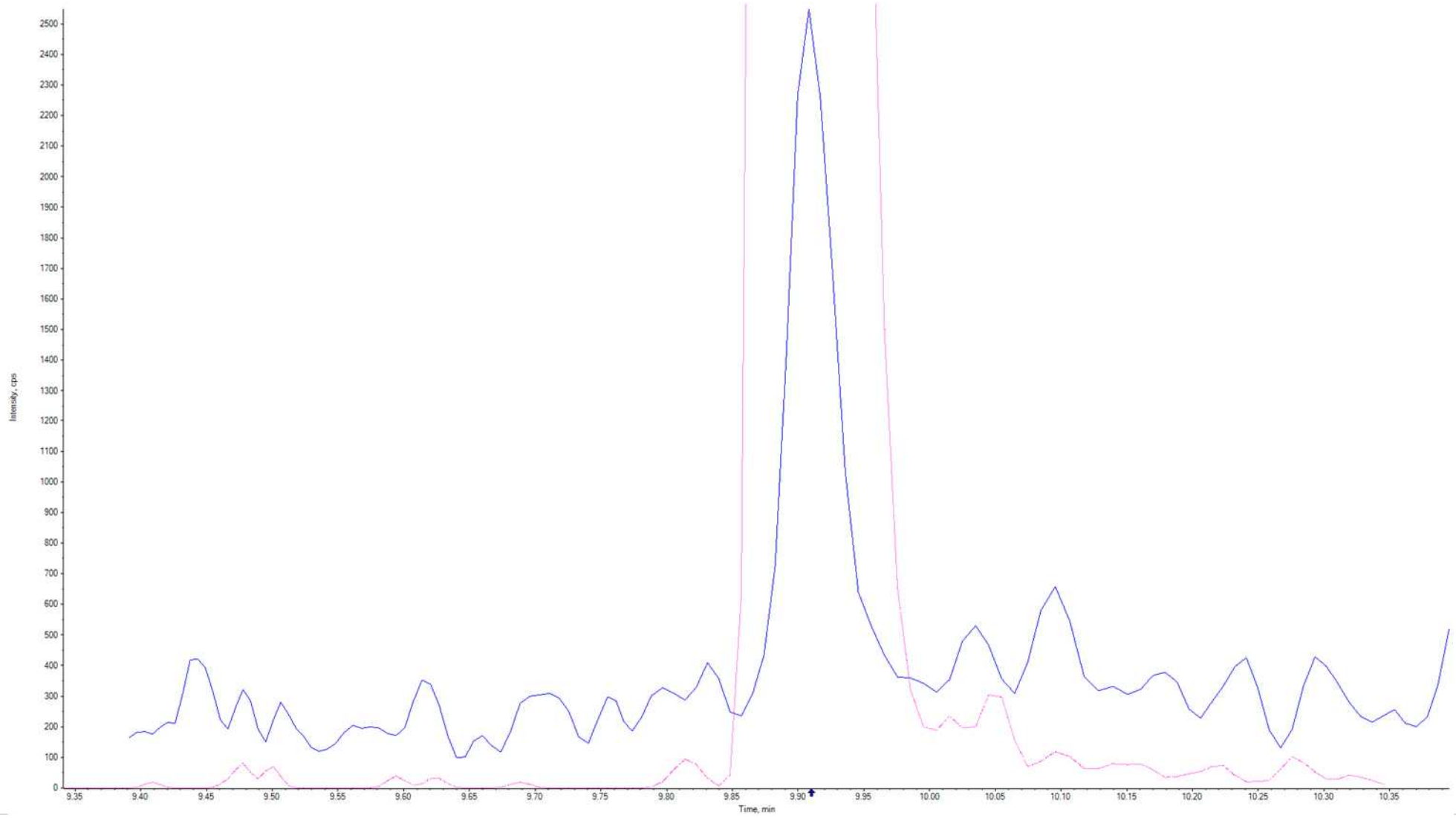
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PFTrDA_2
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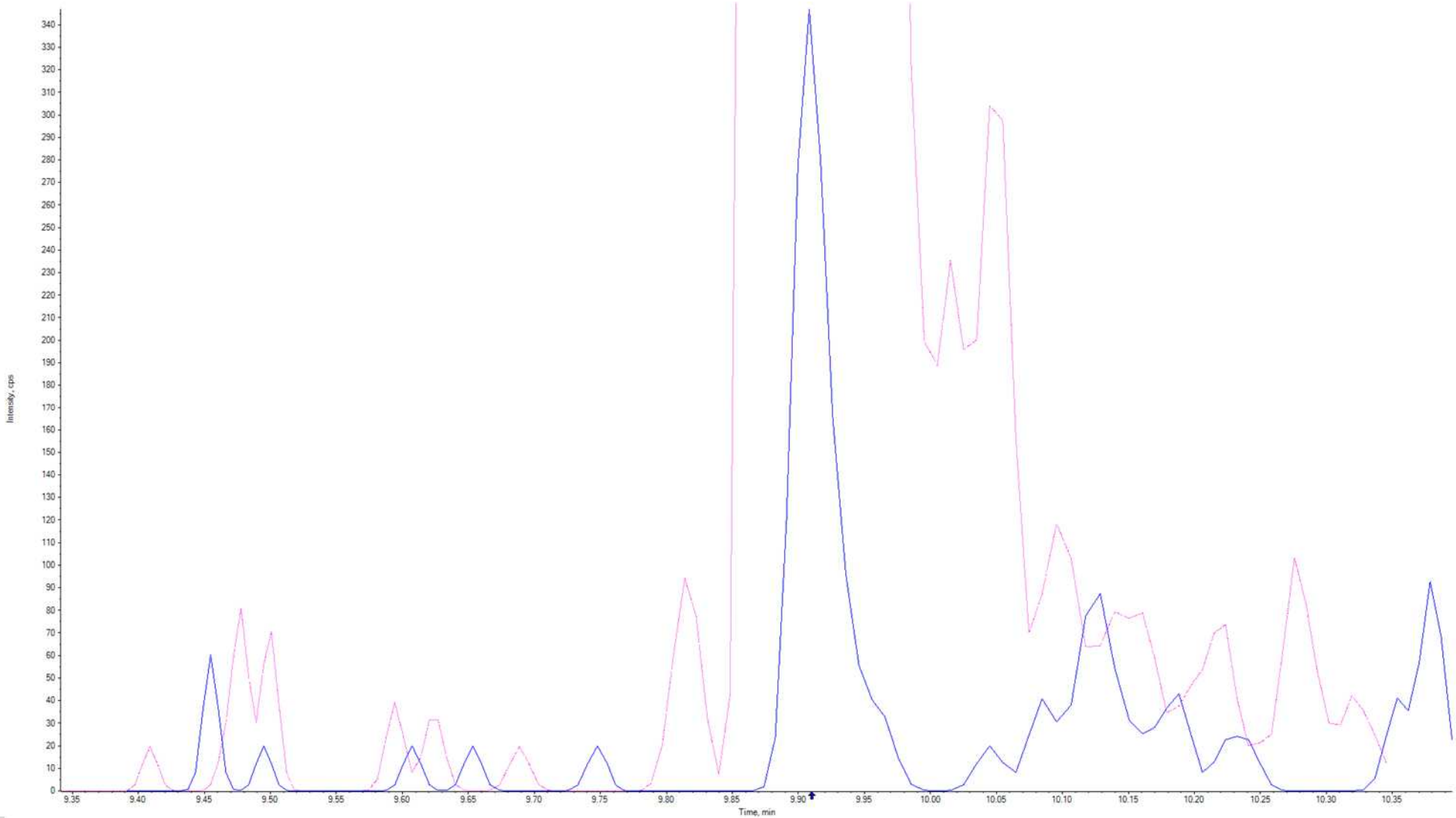
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PFTeDA
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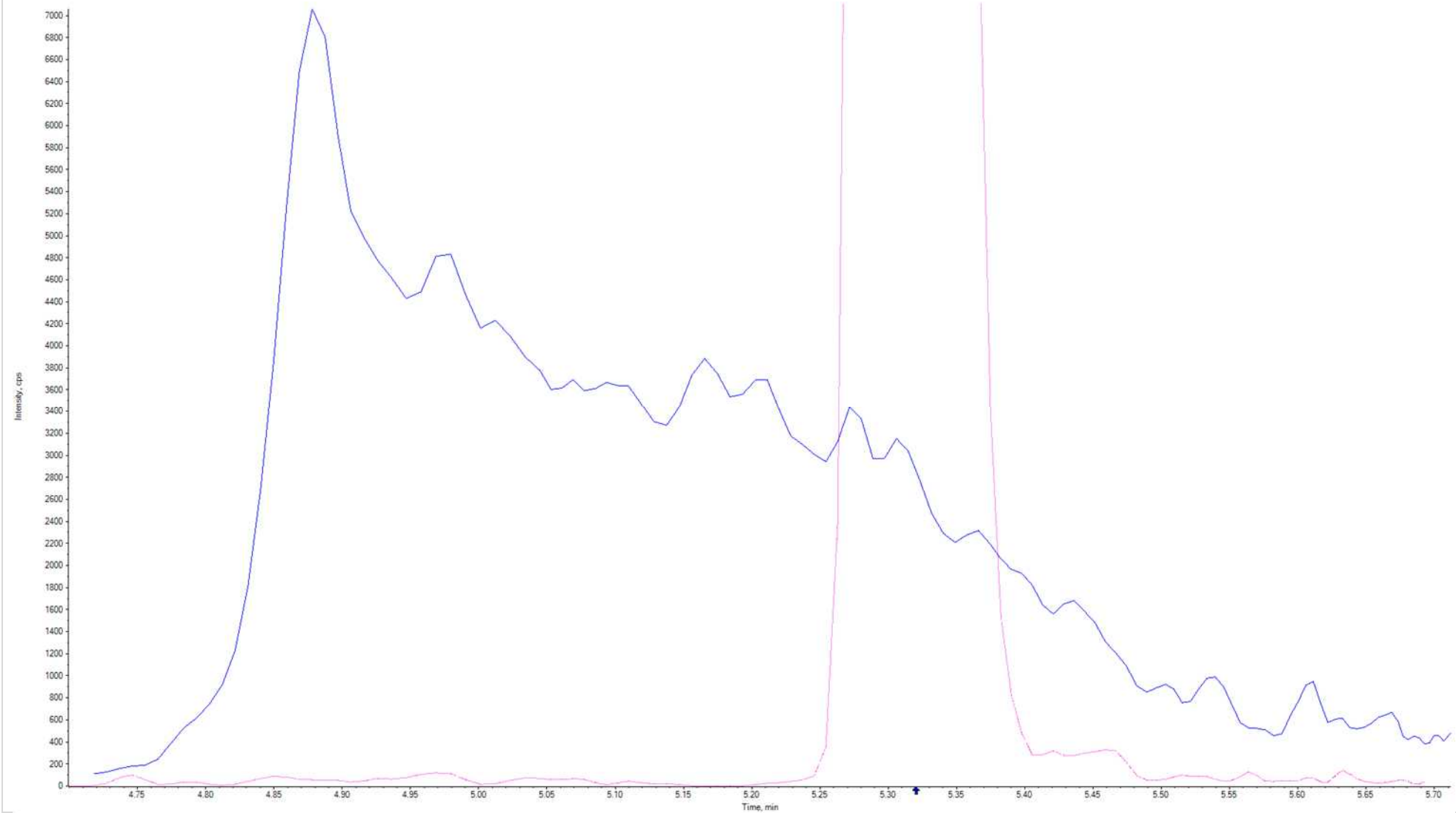
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PFTeDA_2
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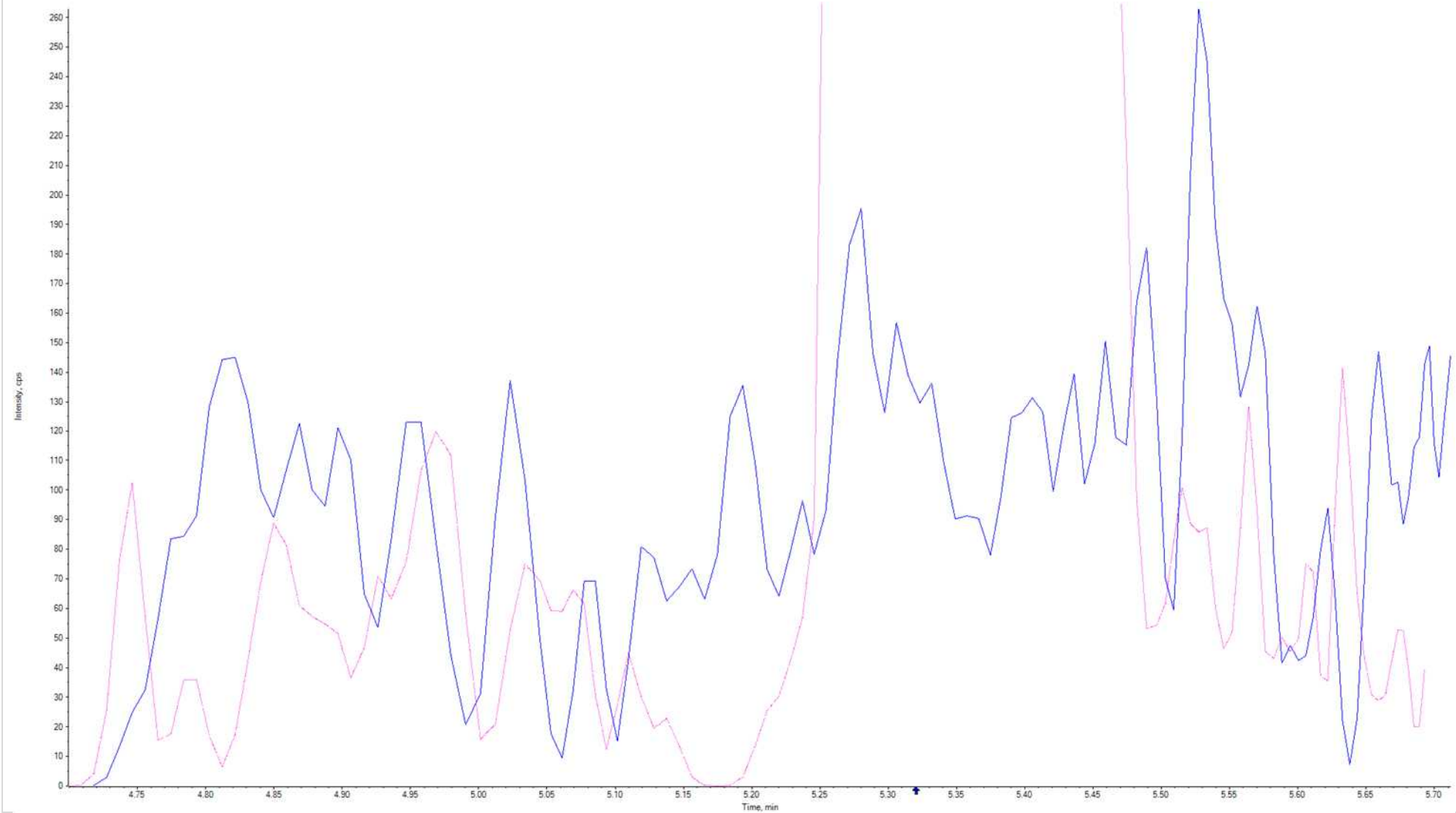
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Last Altered: 8/14/2024 9:55:24 AM
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PFBS
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



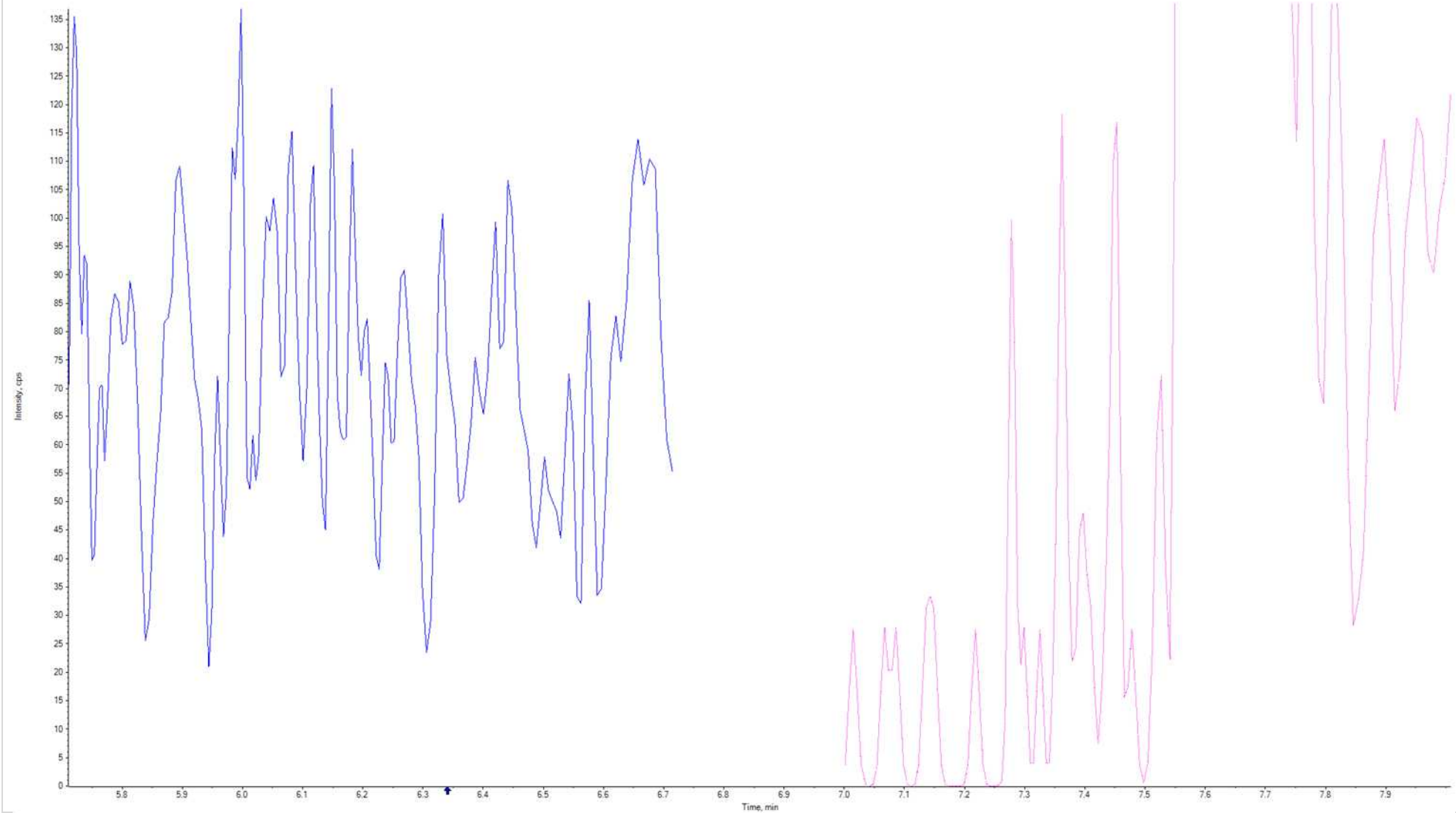
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PFBS_2
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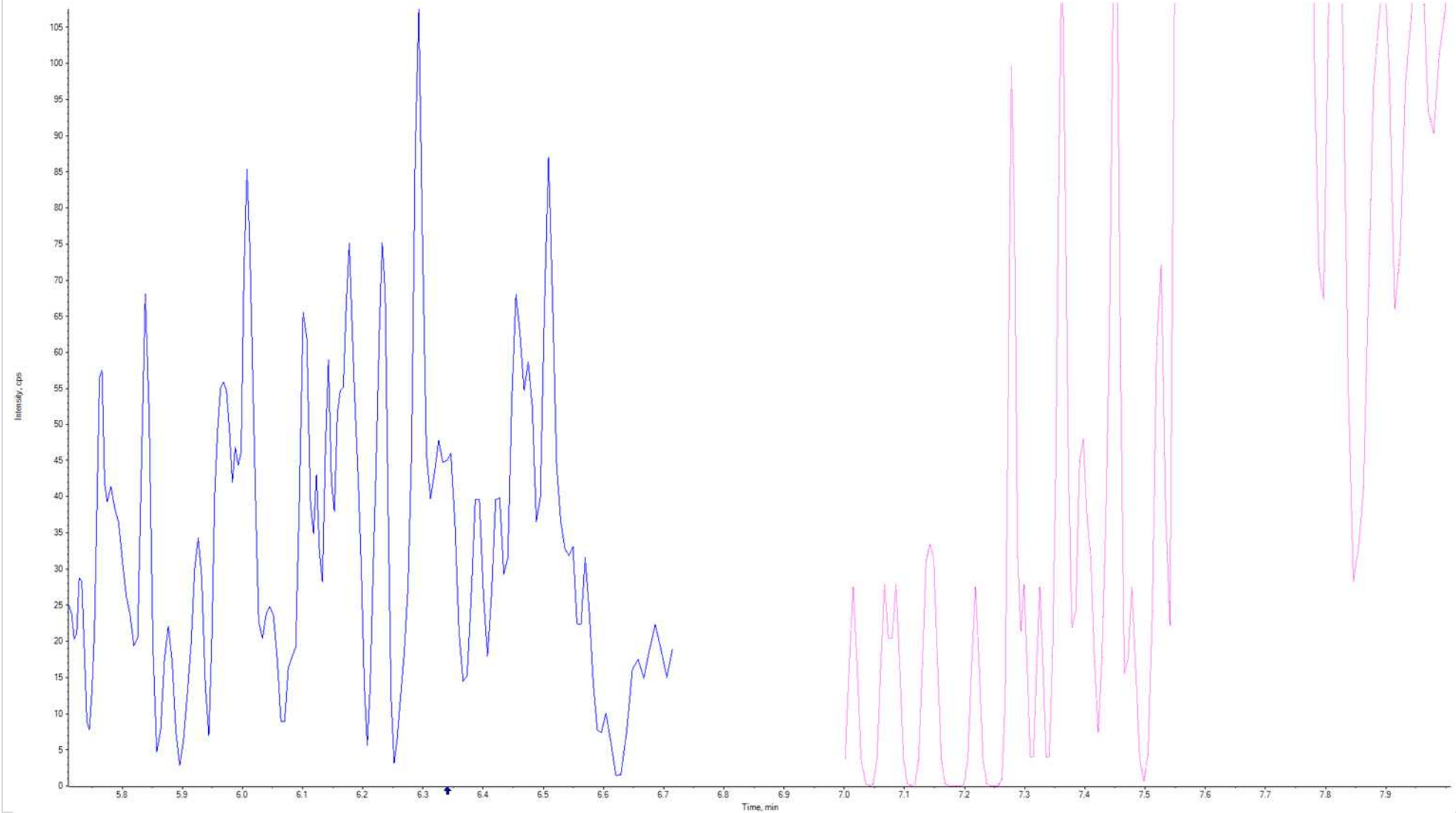
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PFPeS
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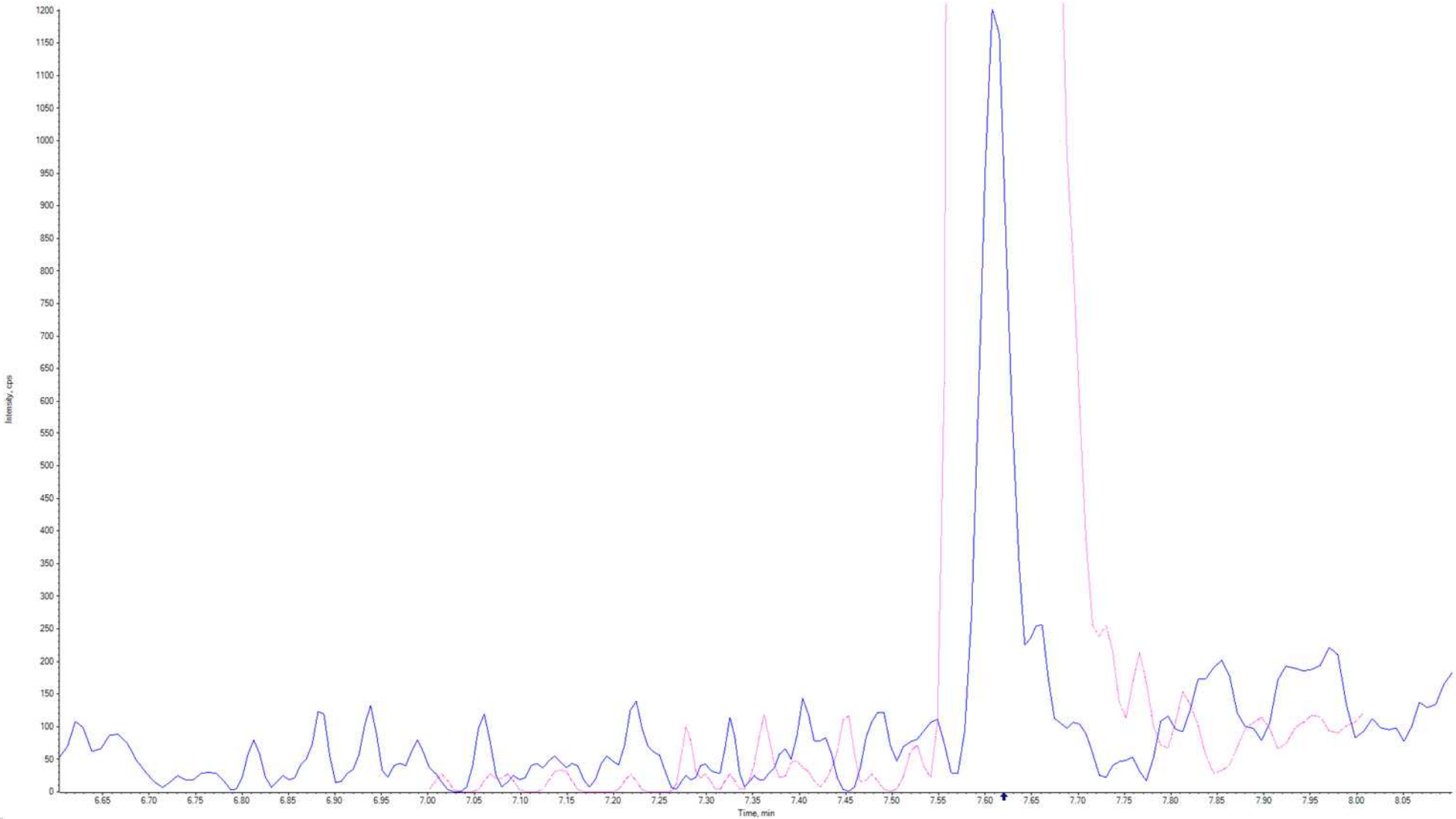
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PFPeS_2
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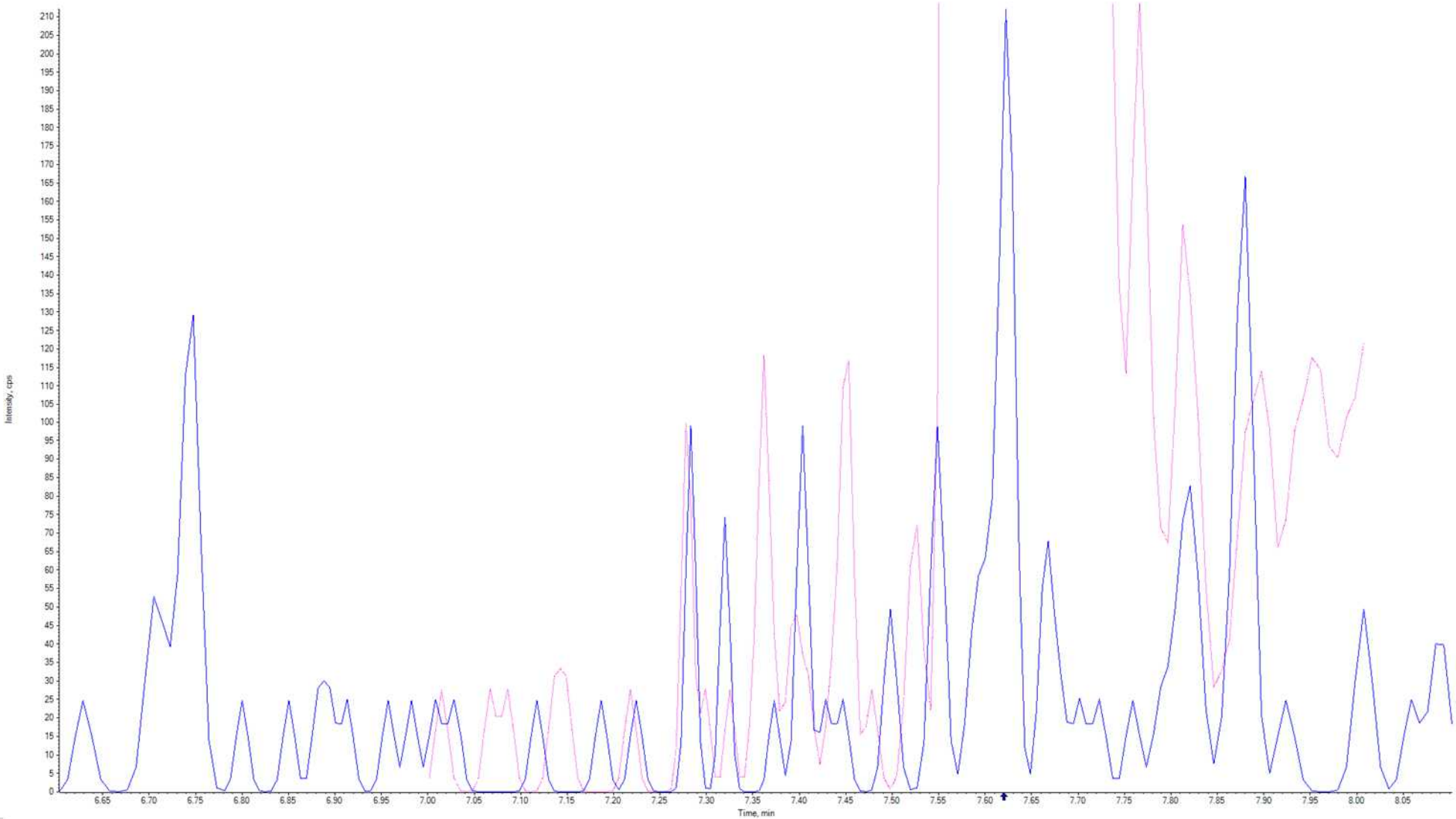


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Last Altered: 8/14/2024 9:55:24 AM
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PFHxS
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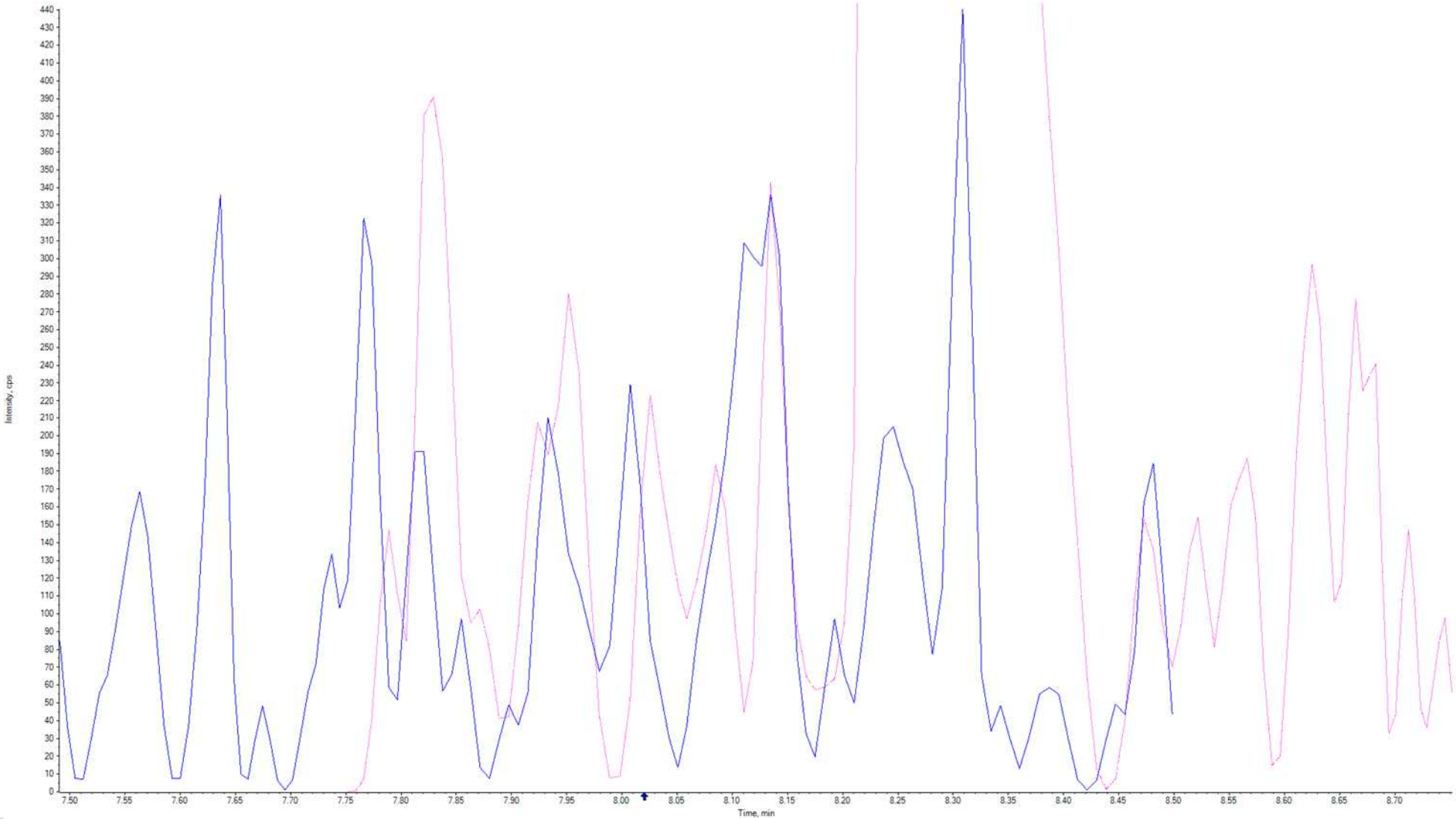


PFHxS_2
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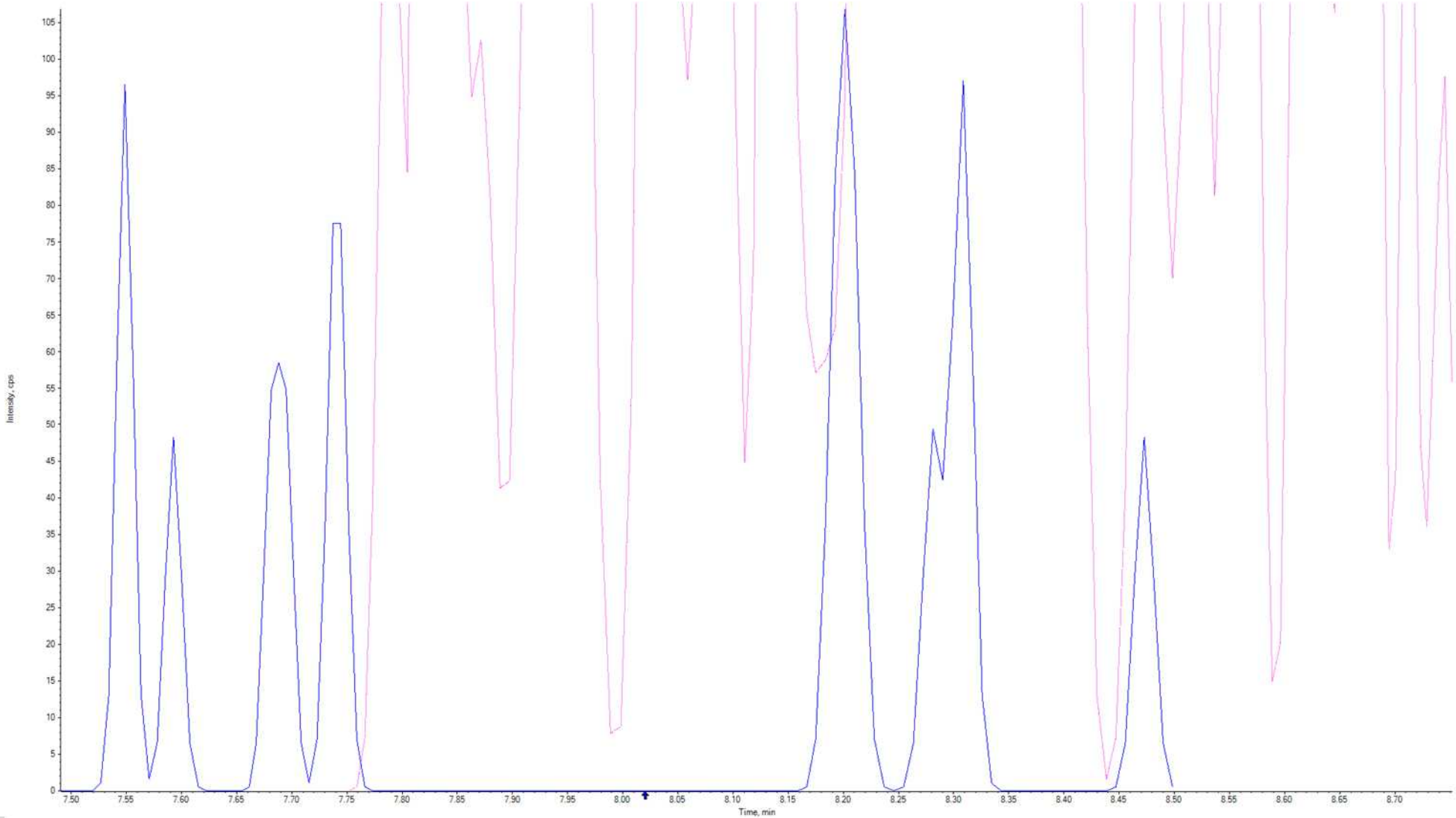
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PFHpS
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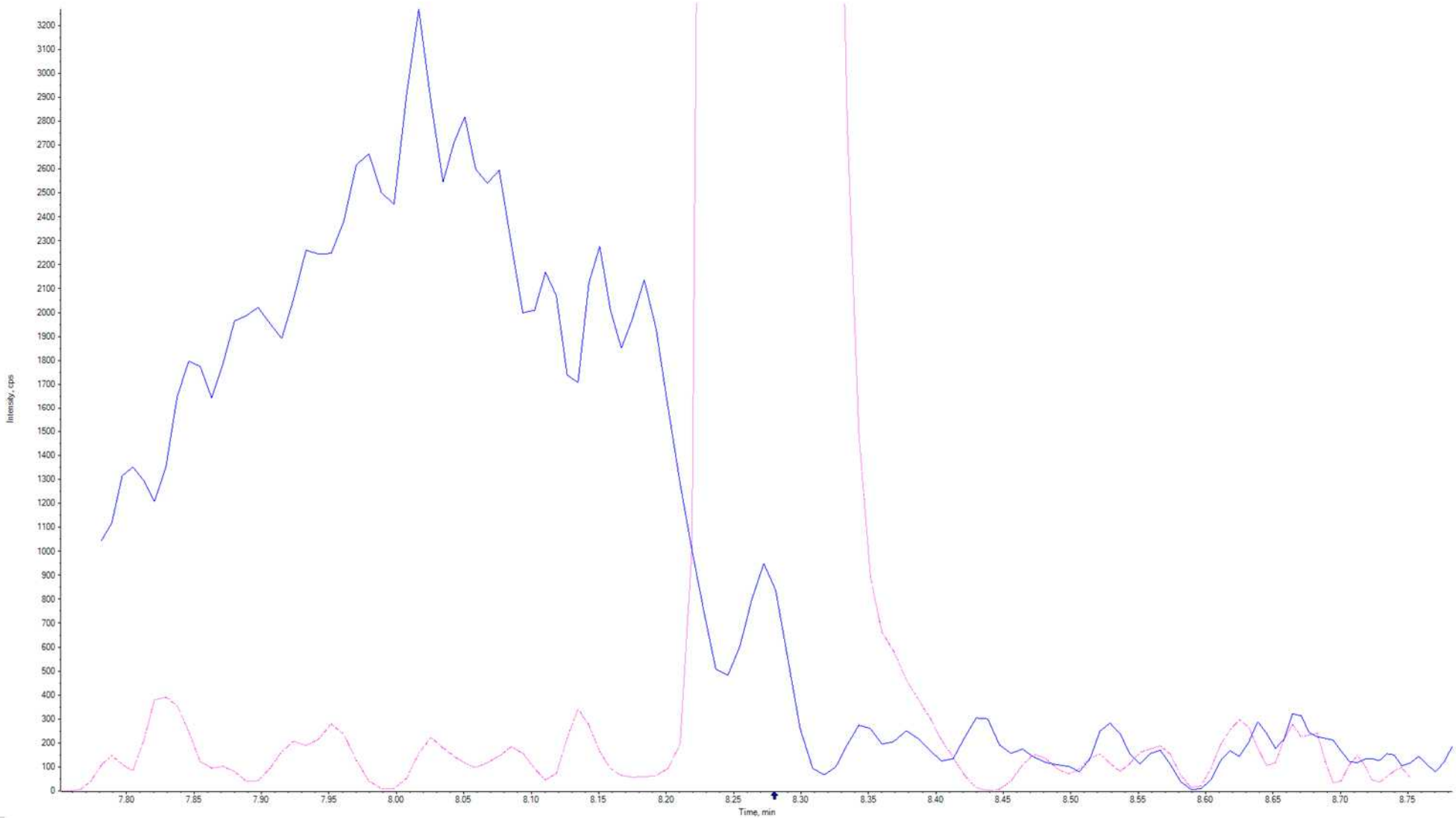
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PFHpS_2
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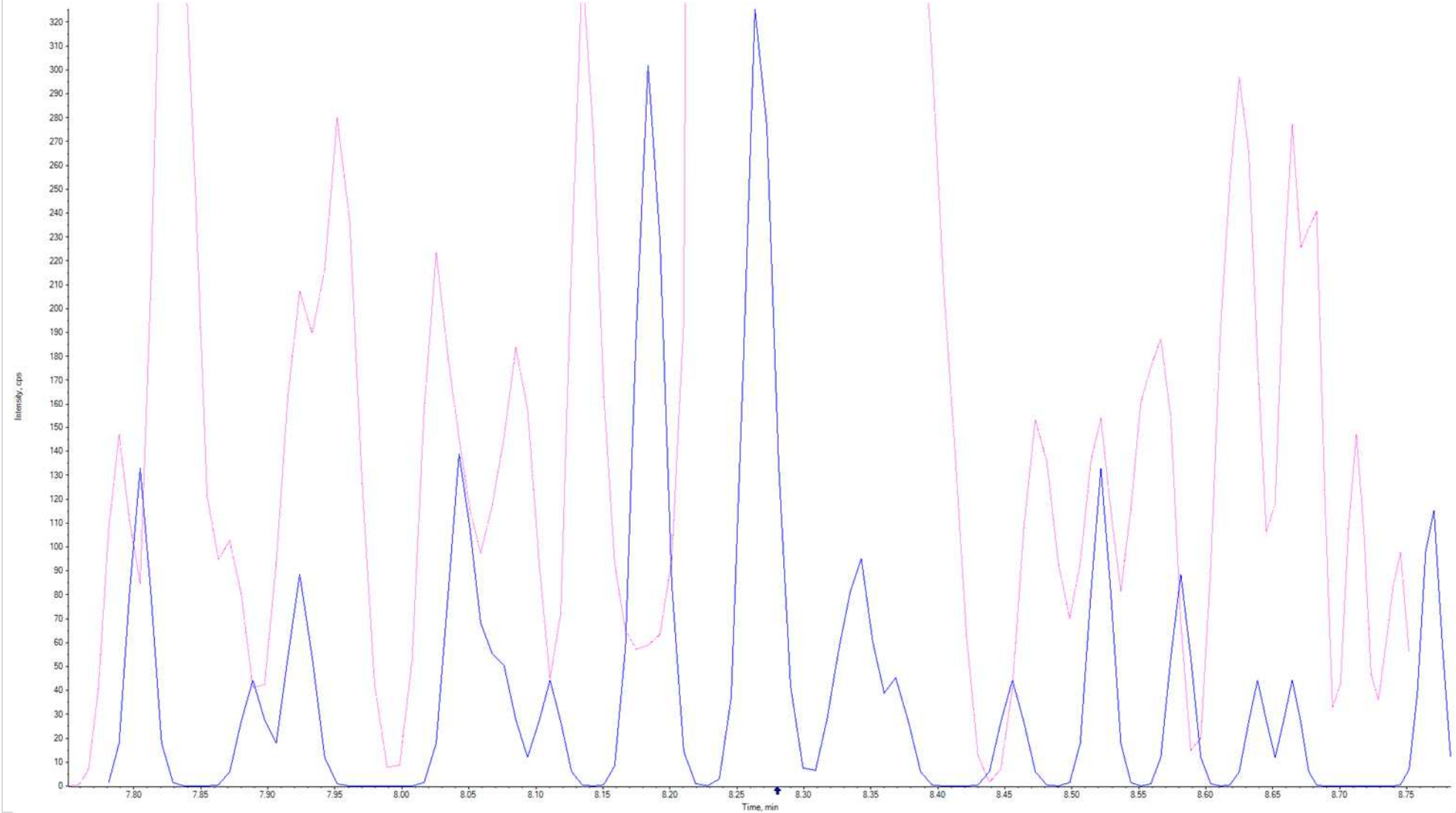
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PFOS
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



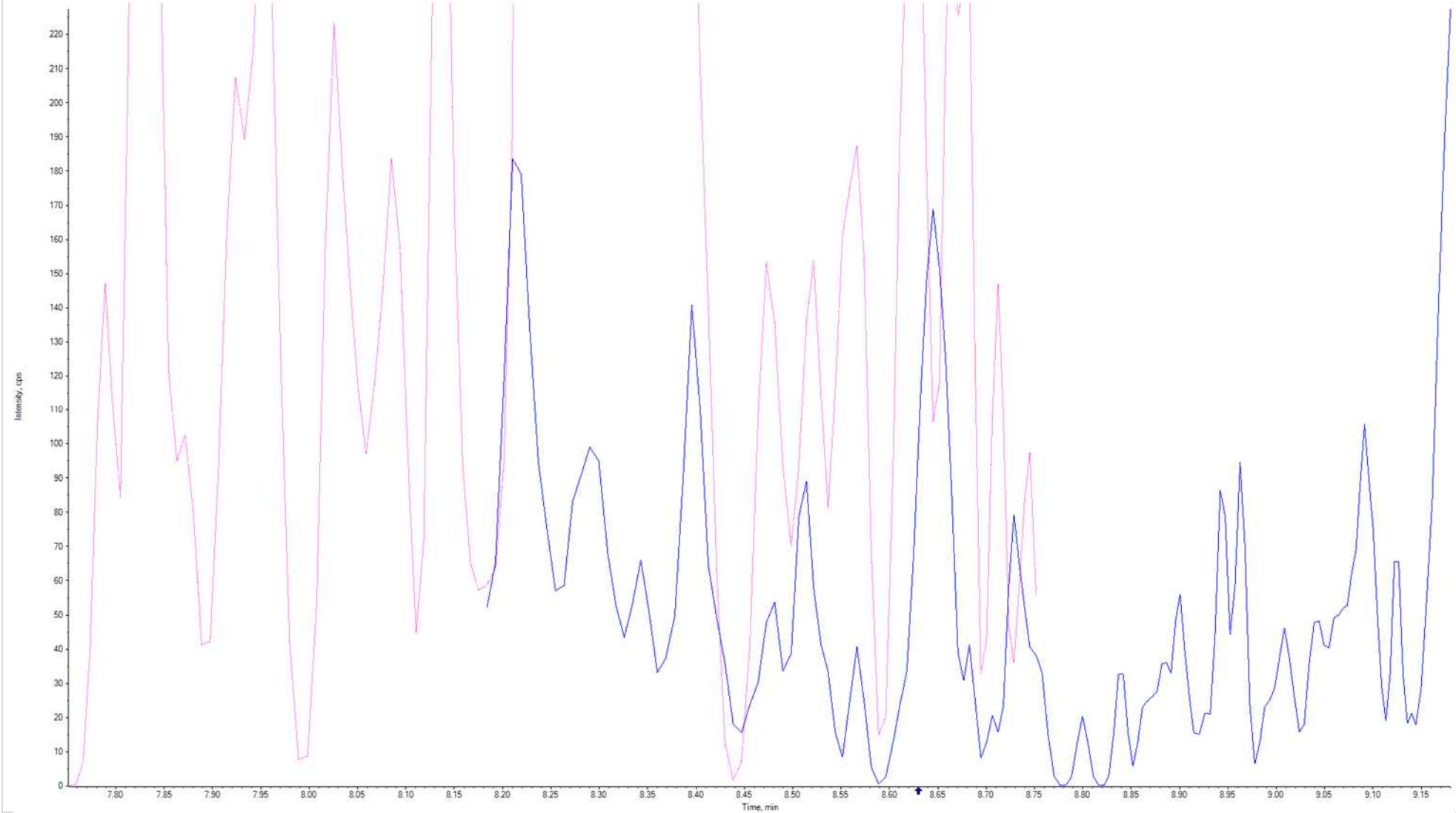
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PFOS_2
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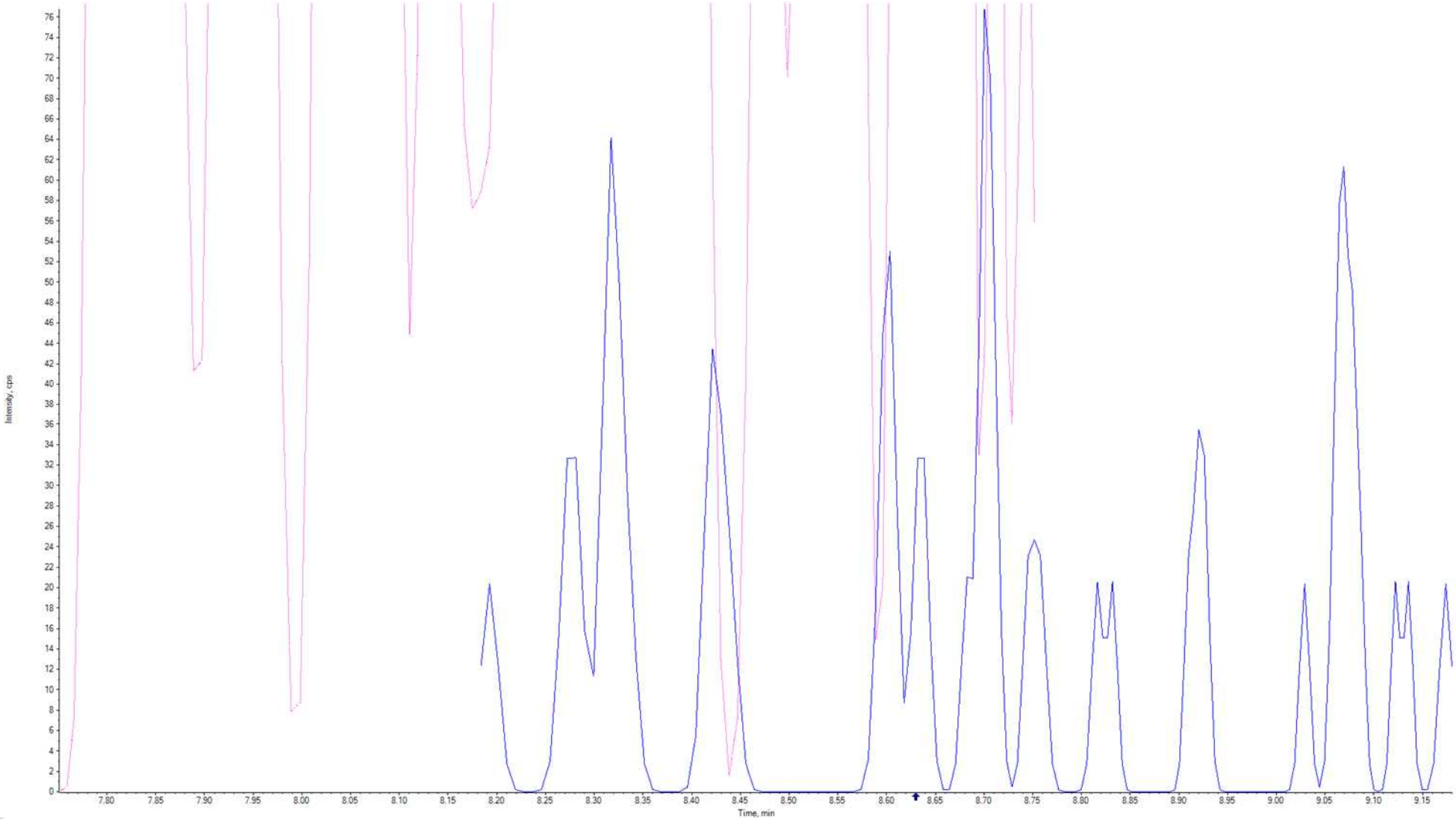
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PFNS
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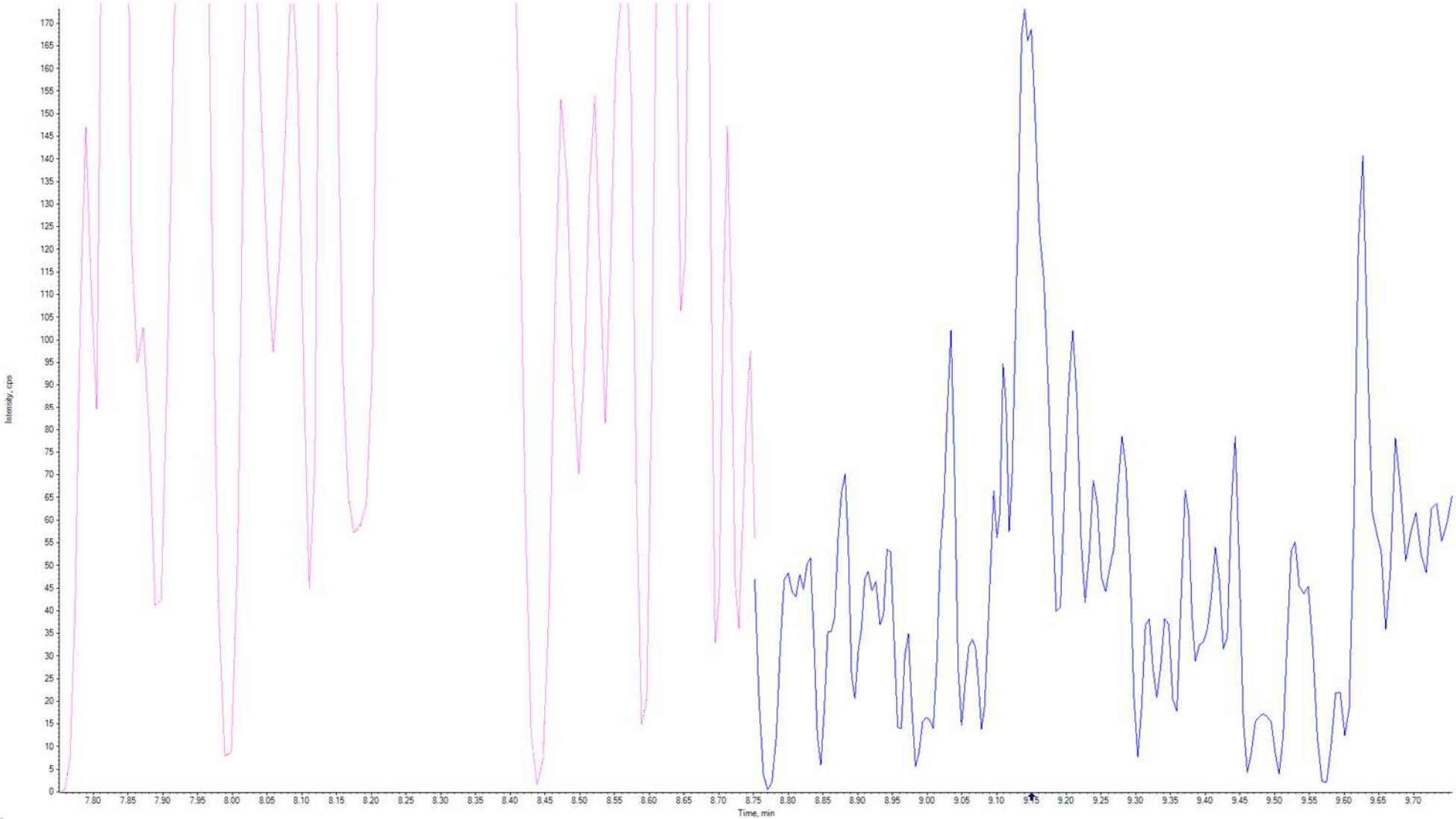
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PFNS_2
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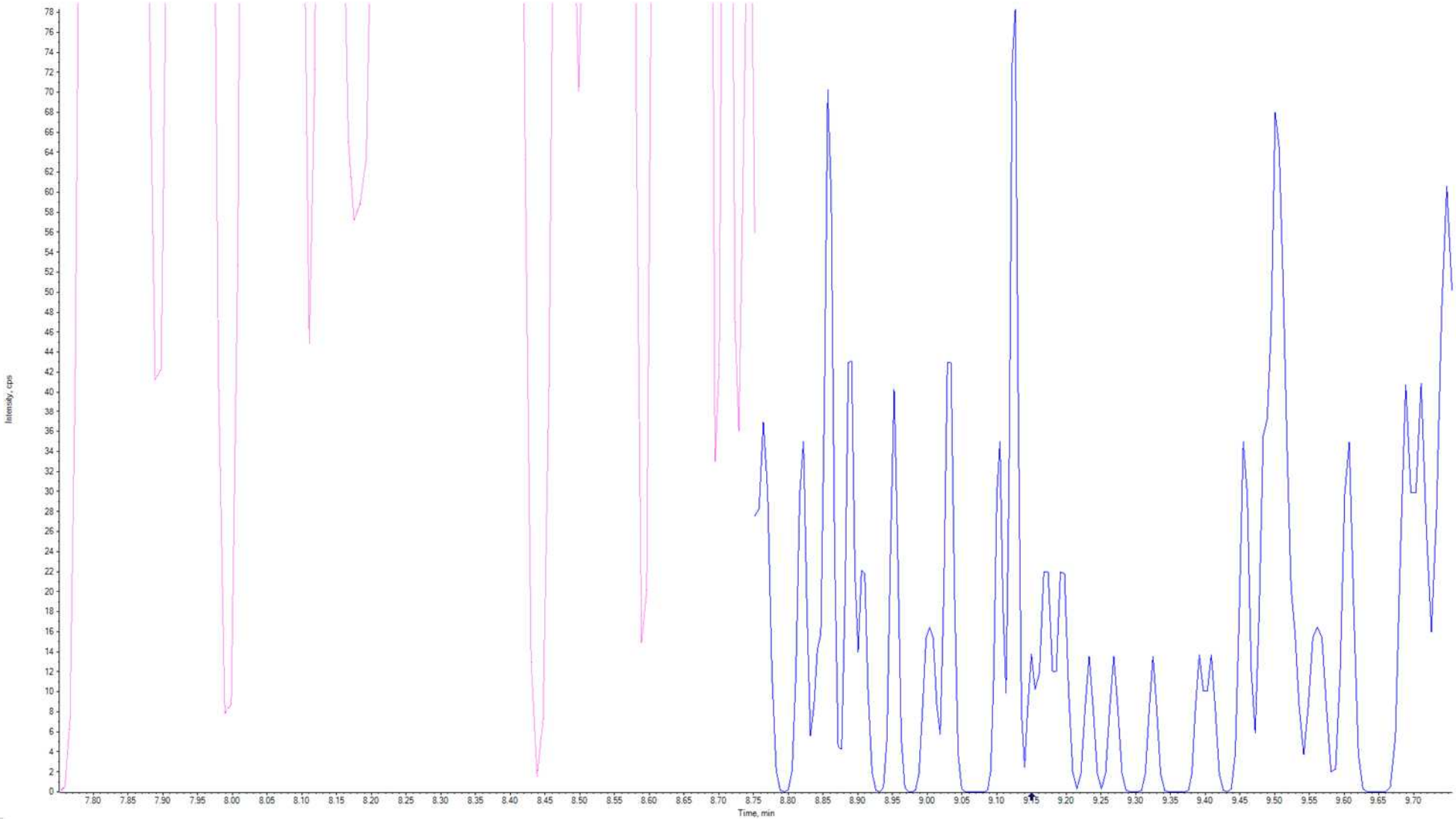
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFDS
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



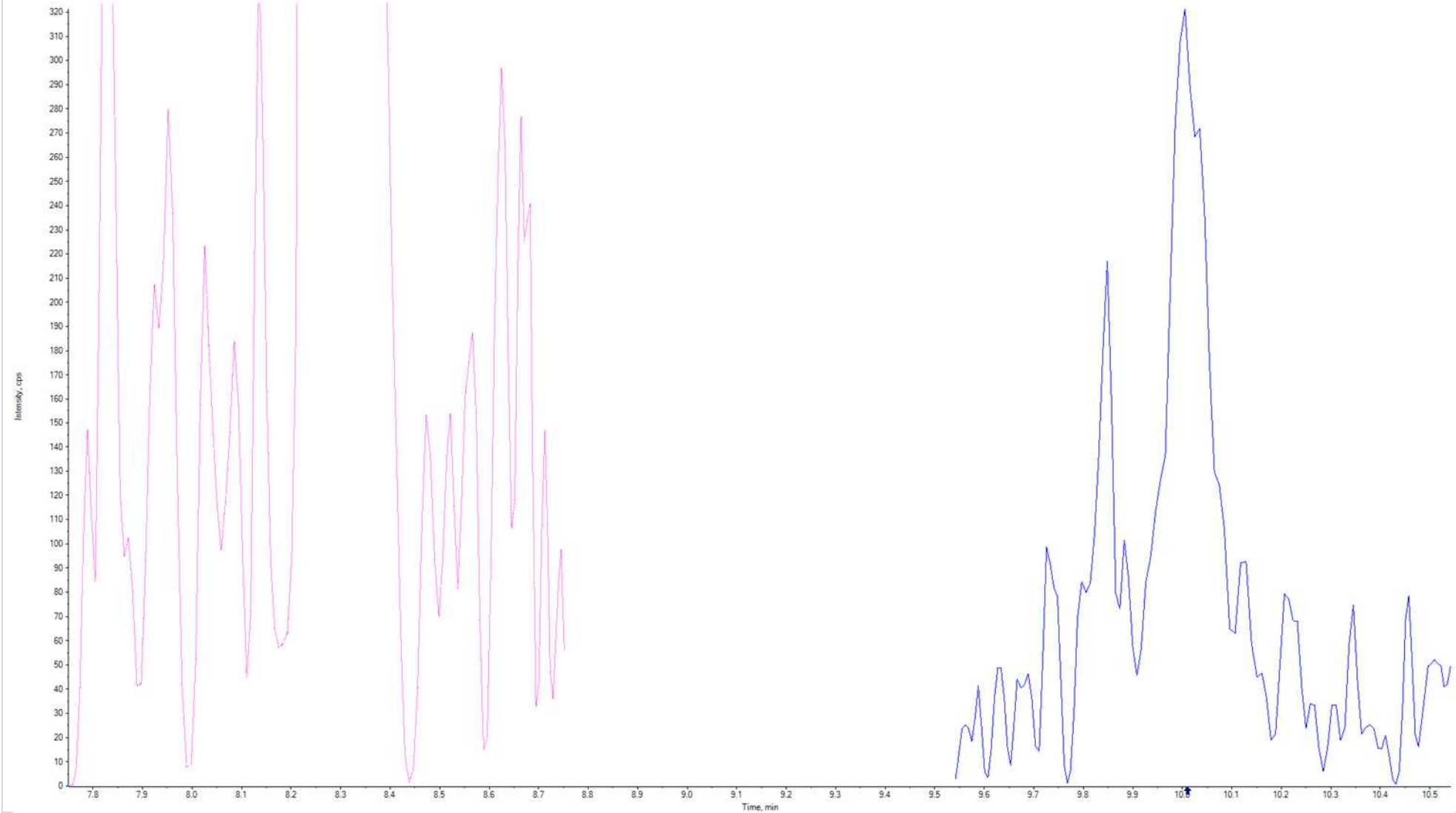
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PFDS_2
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



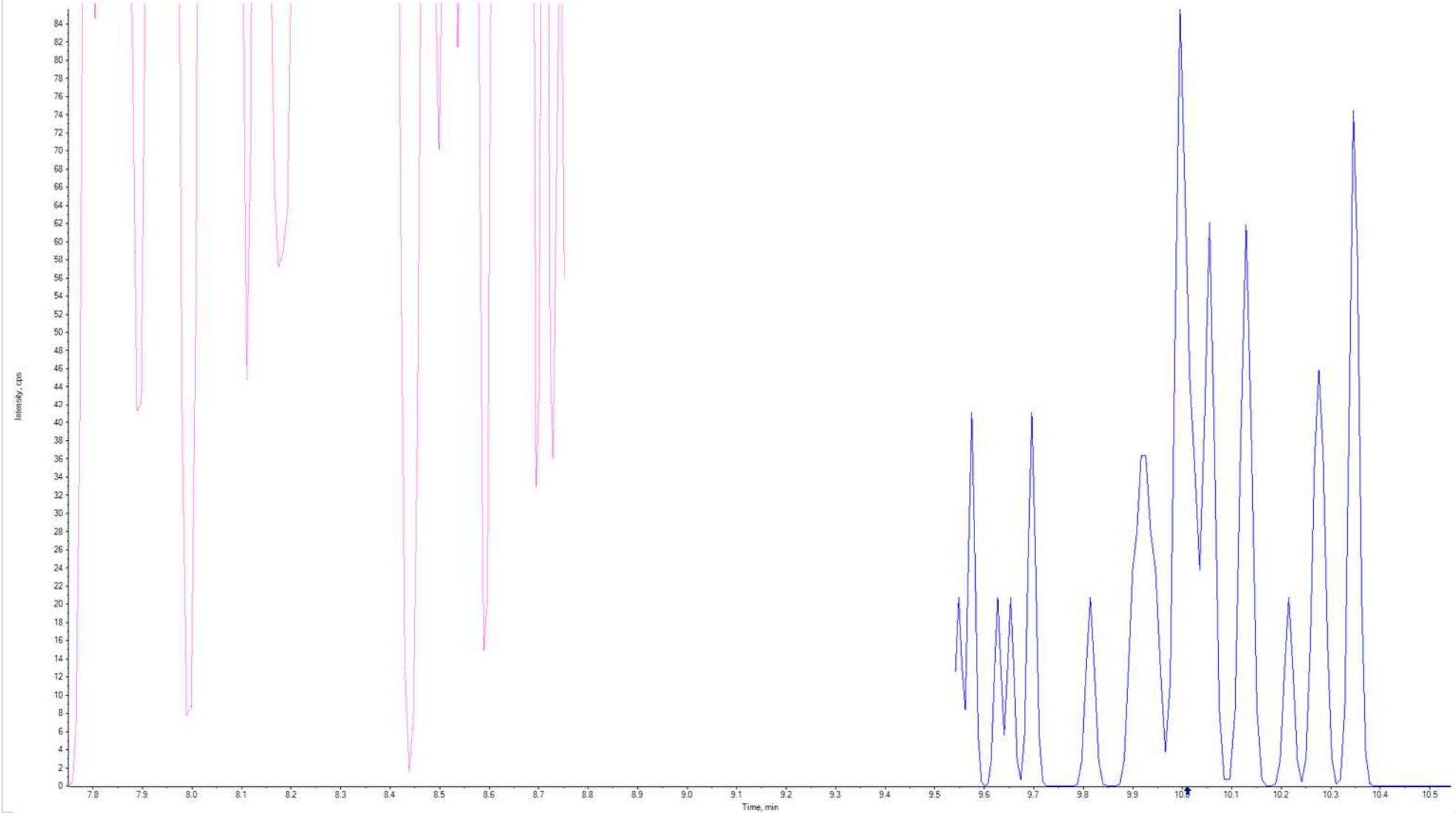
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Generated: 8/14/2024 9:40:32 AM

PFDoS
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



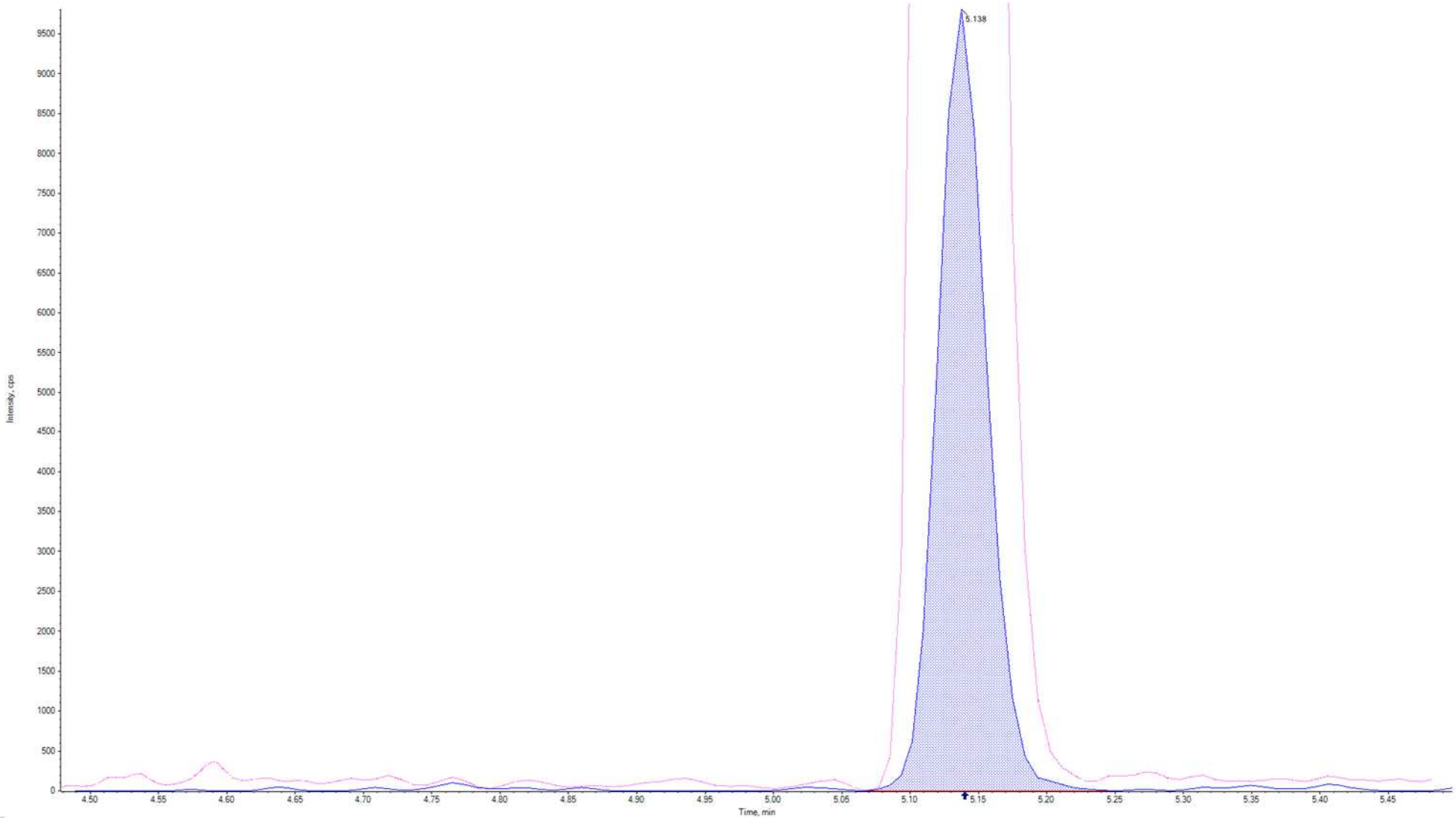
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFDoS_2
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



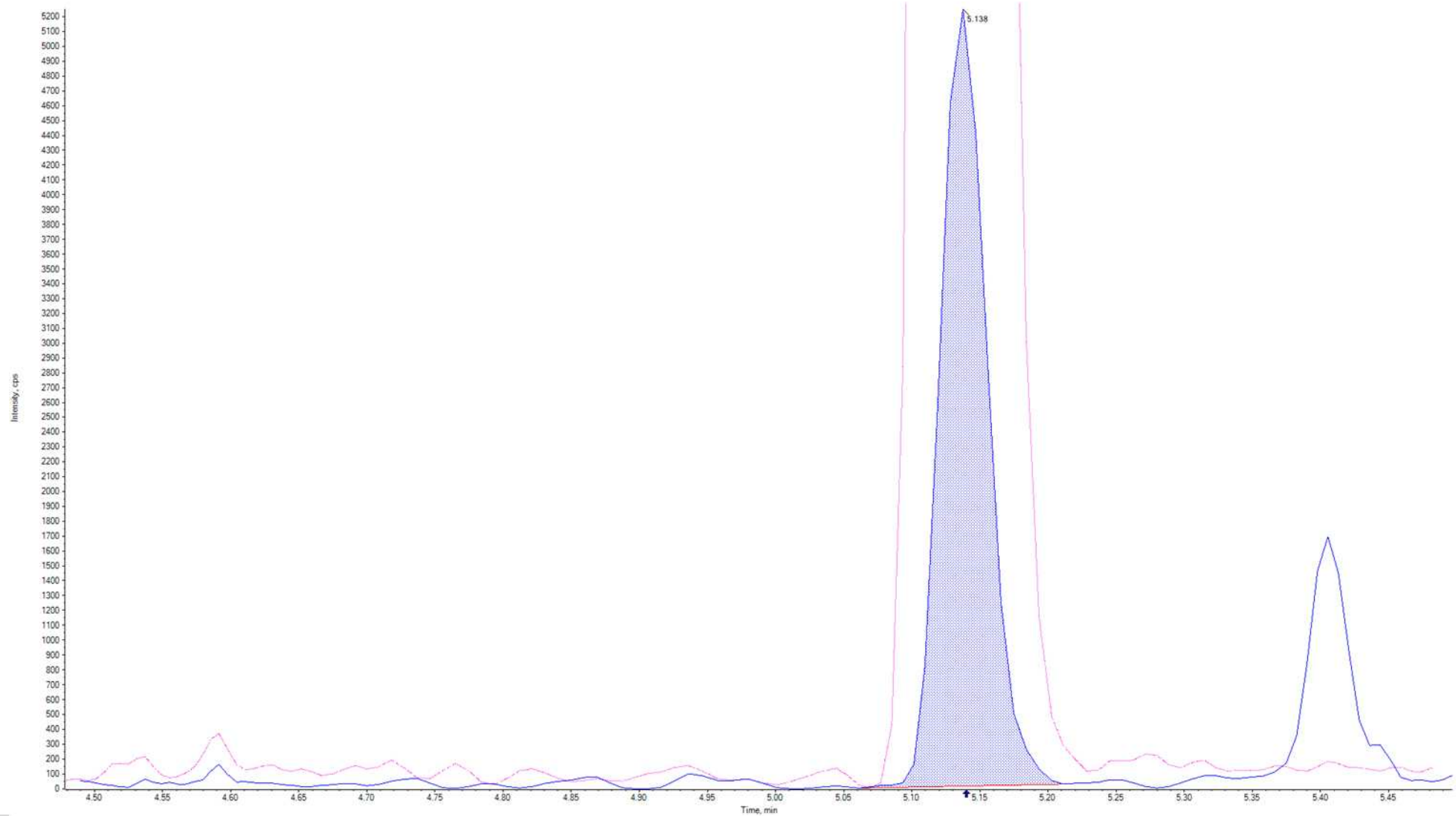
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Generated: 8/14/2024 9:40:32 AM

4:2FTS
Sample: WG1958909-3,INSTBLANK S/N:756.9 Points Across peak:23



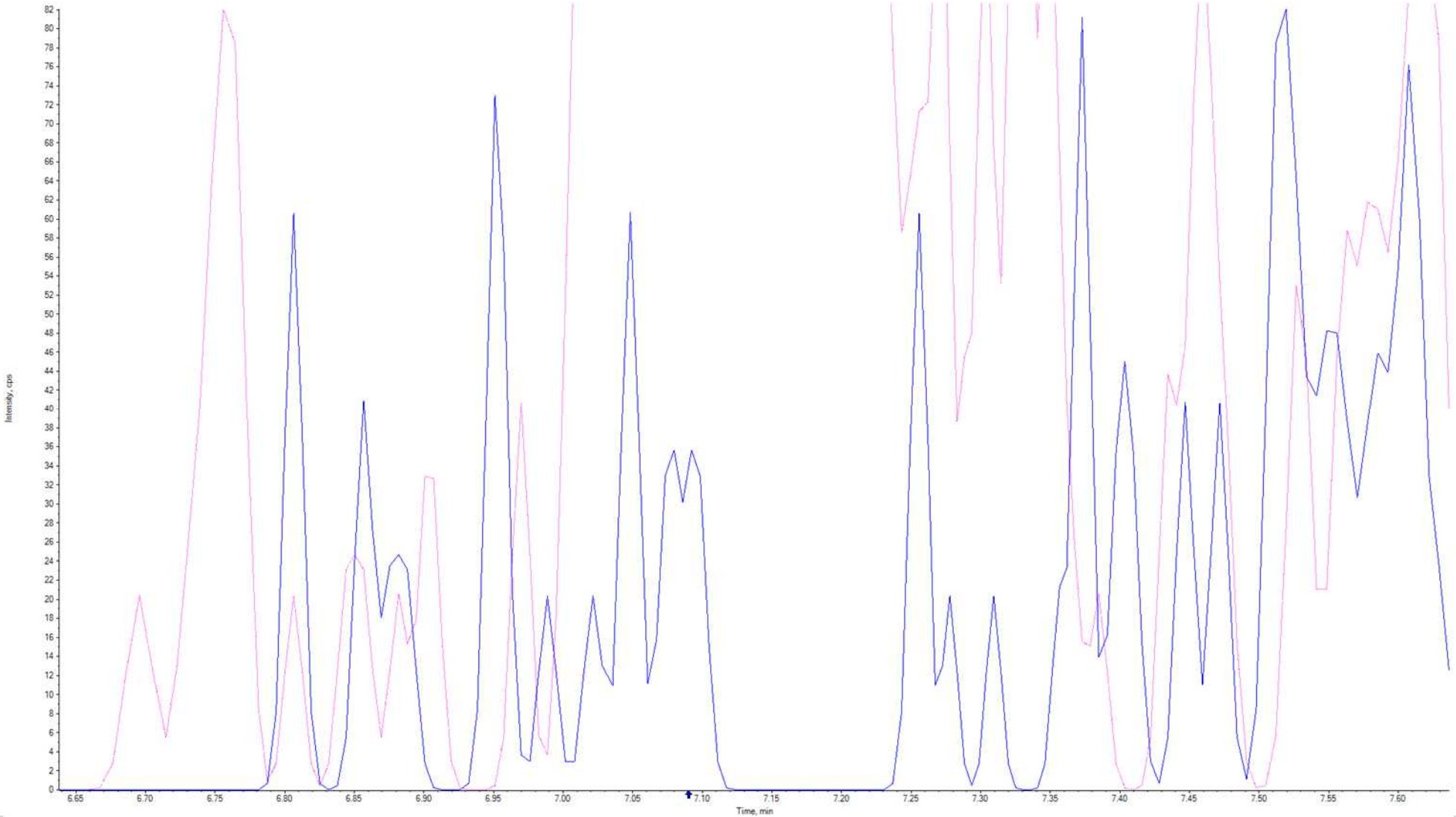
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Generated: 8/14/2024 9:40:32 AM

4:2FTS_2
Sample: WG1958909-3,INSTBLANK S/N:1278.6 Points Across peak:18



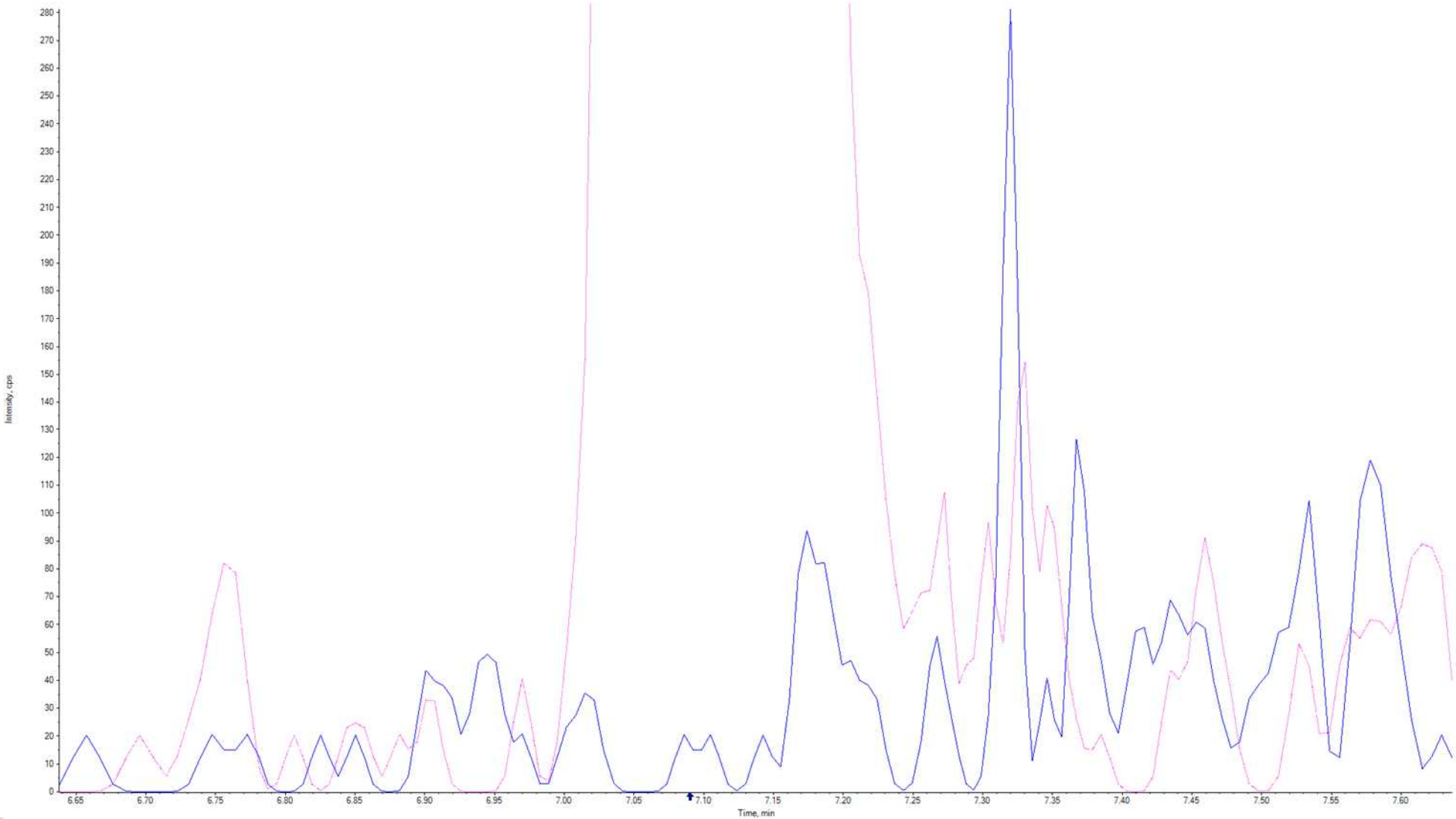
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

6:2FTS
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



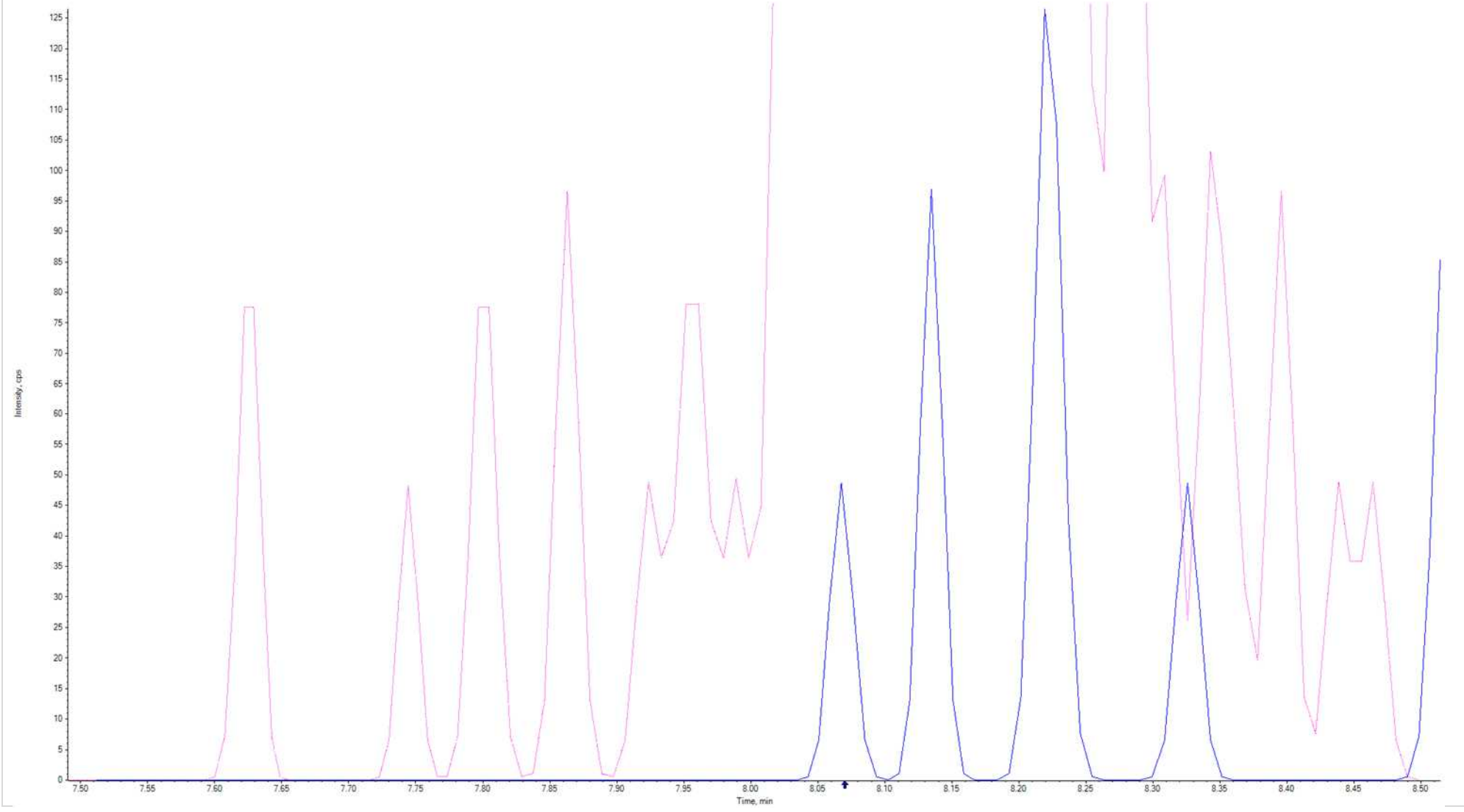
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Generated: 8/14/2024 9:40:32 AM

6:2FTS_2
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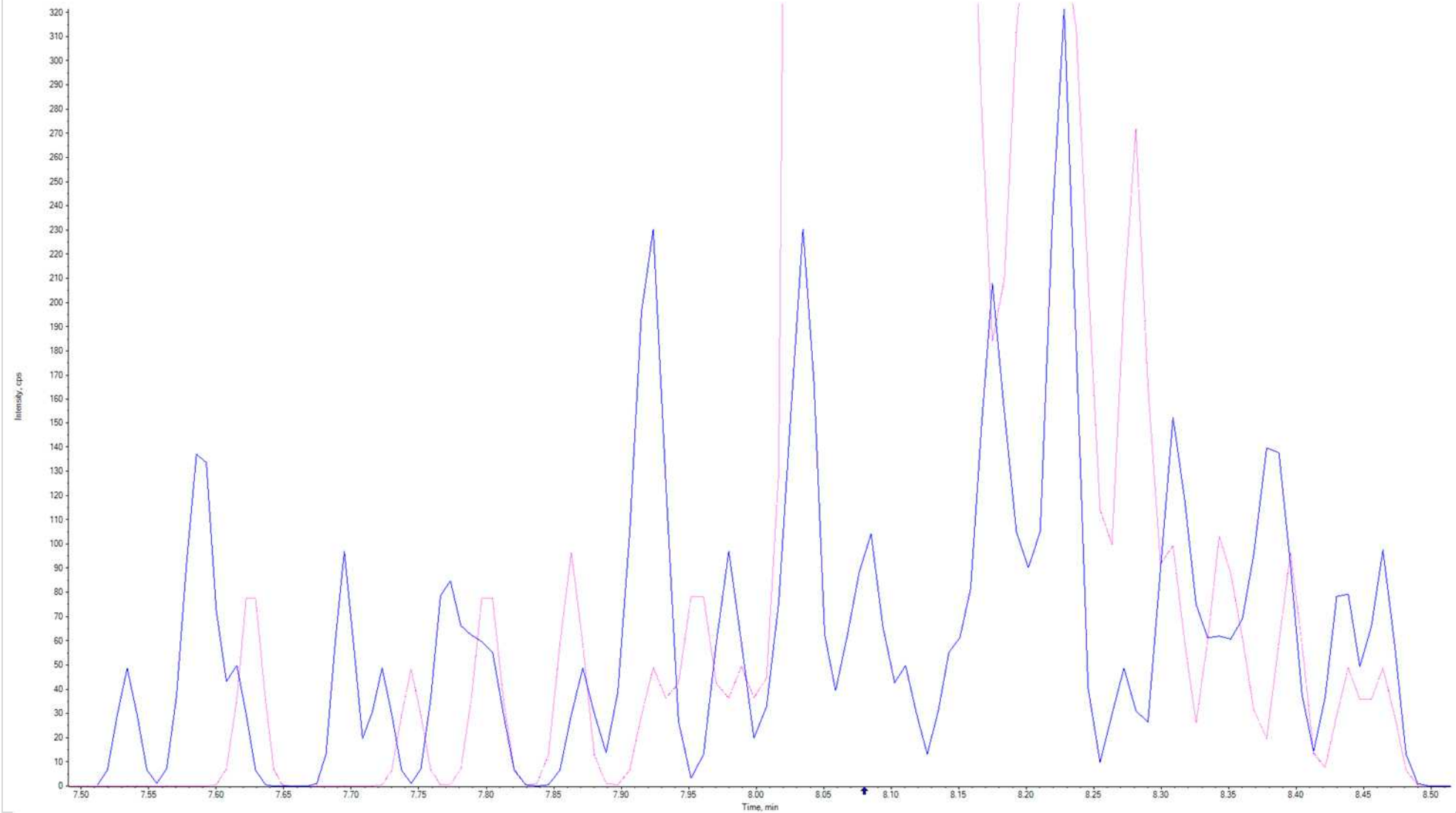
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Alpha Analytical Inc.
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8:2FTS
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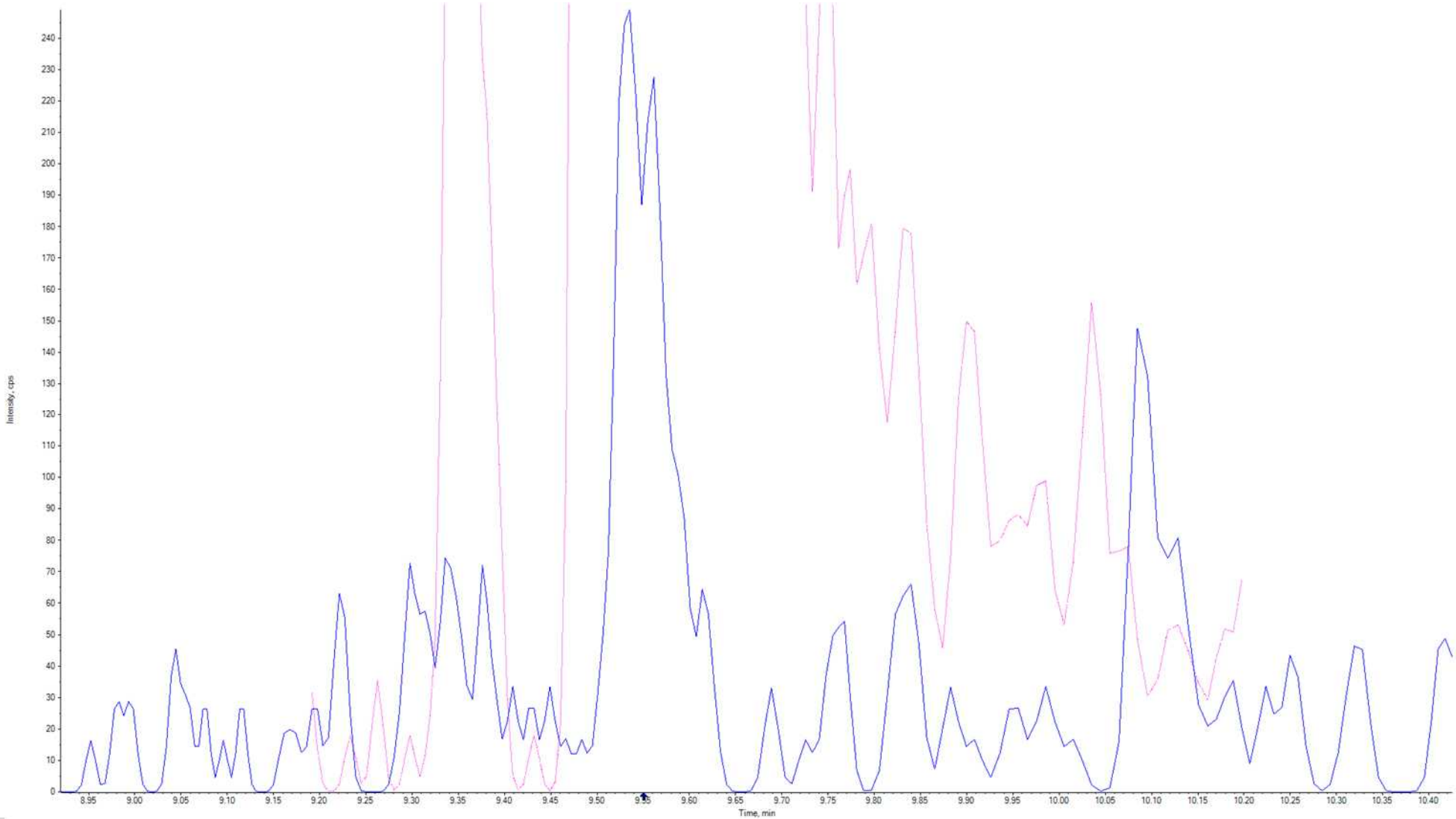
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Last Altered: 8/14/2024 9:55:24 AM
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8:2FTS_2
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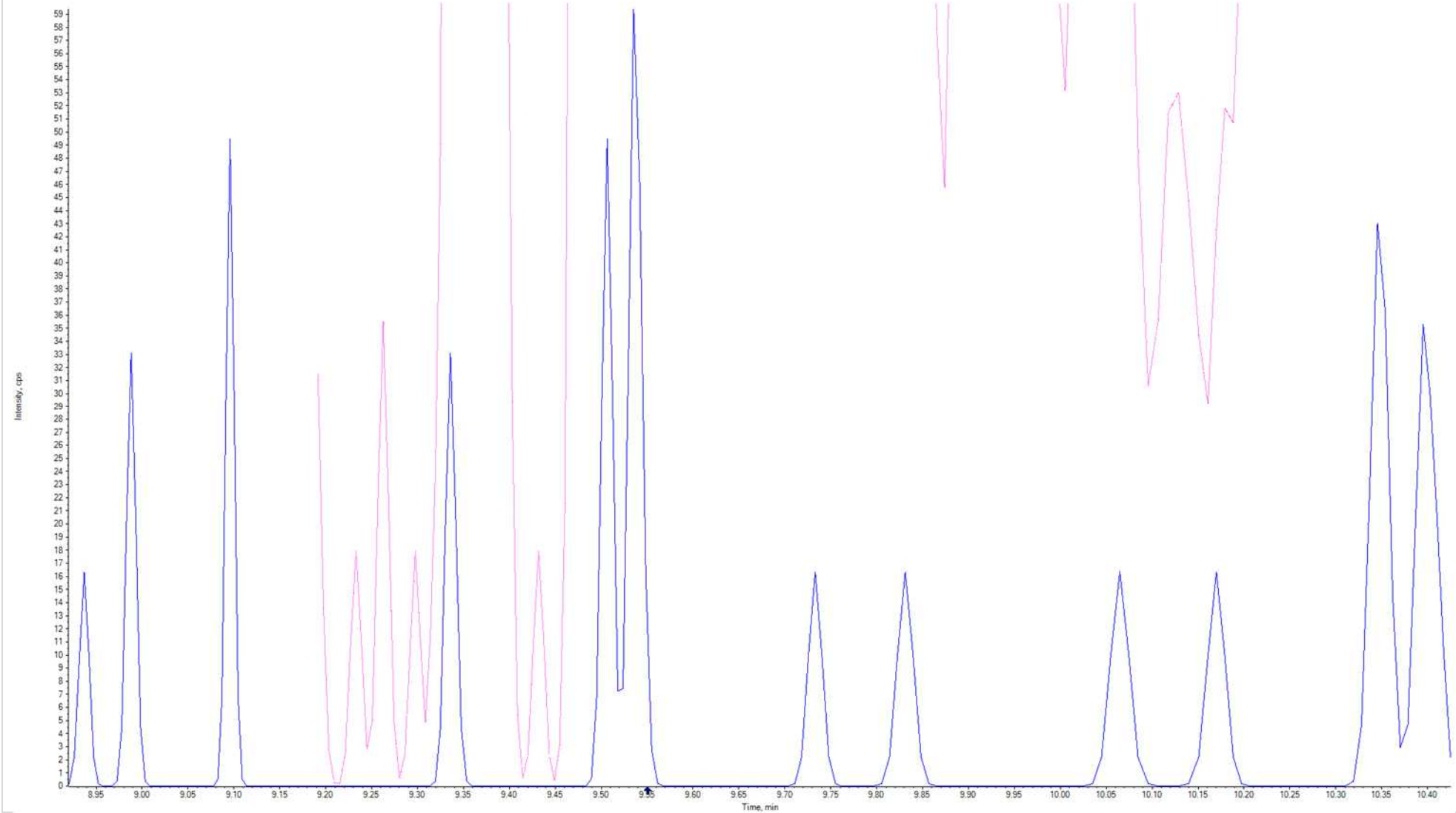
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PFOSA
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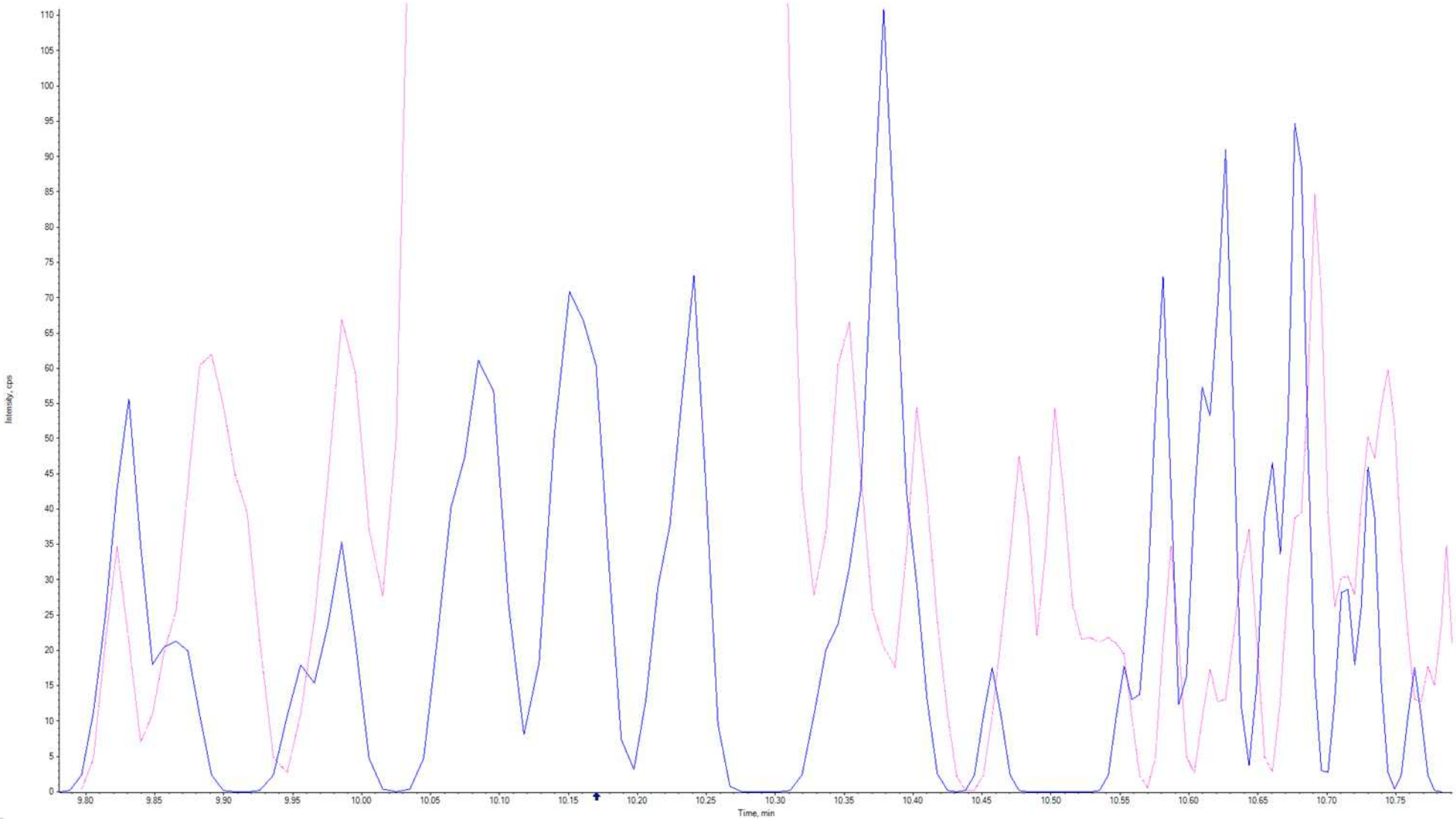
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
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PFOSA_2
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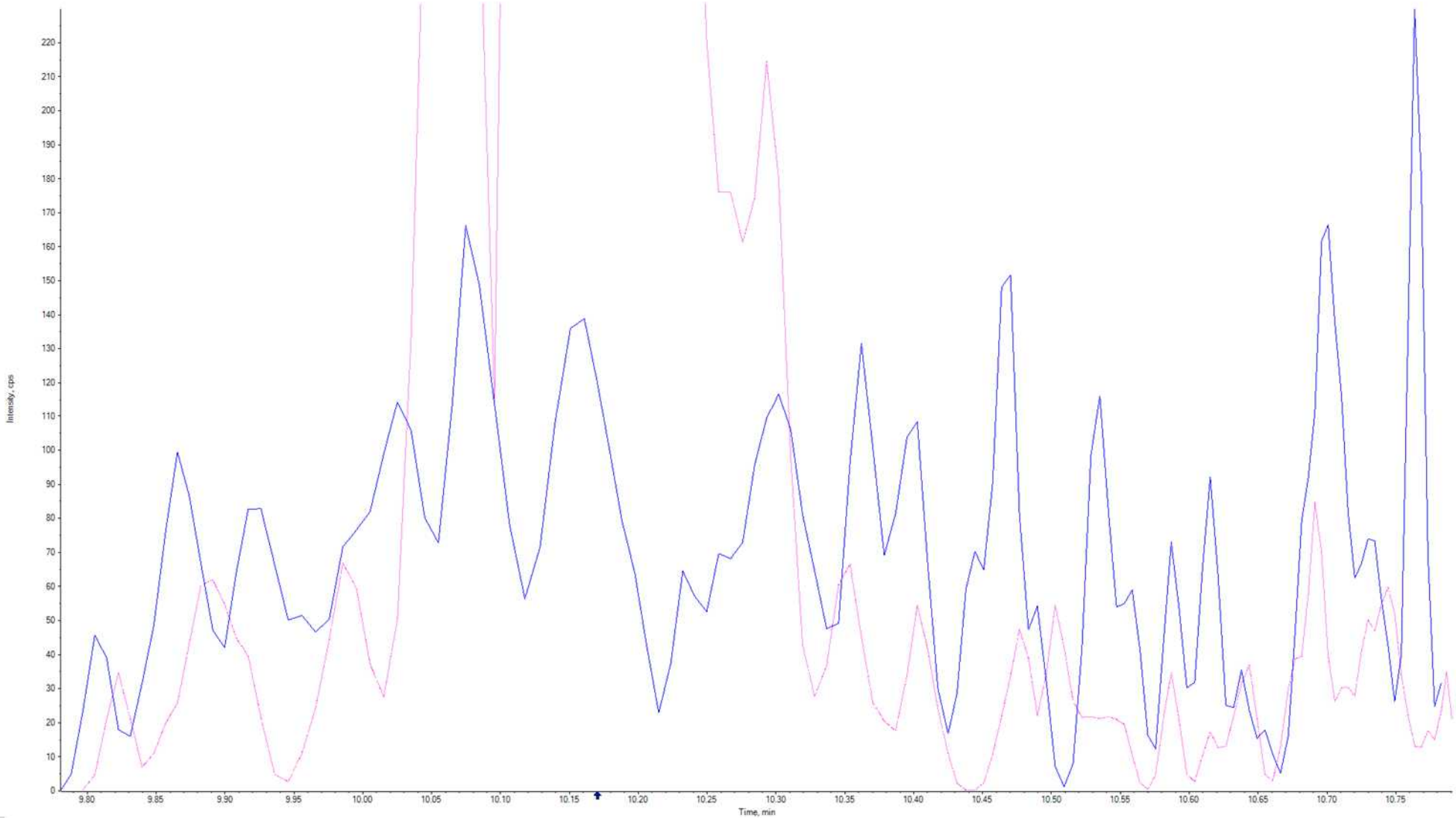
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Alpha Analytical Inc.
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NMeFOSA
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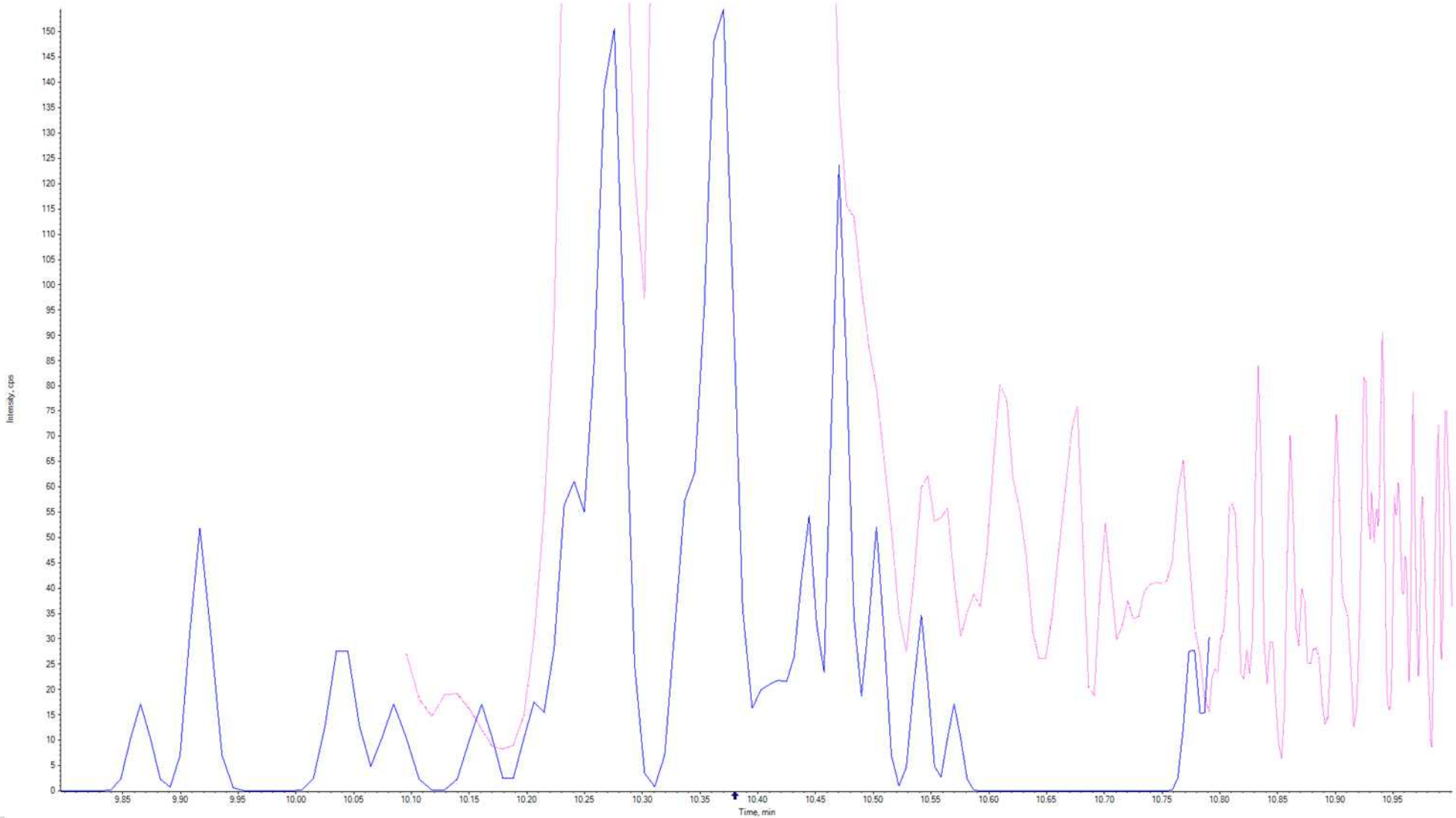
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Last Altered: 8/14/2024 9:55:24 AM
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NMeFOSA_2
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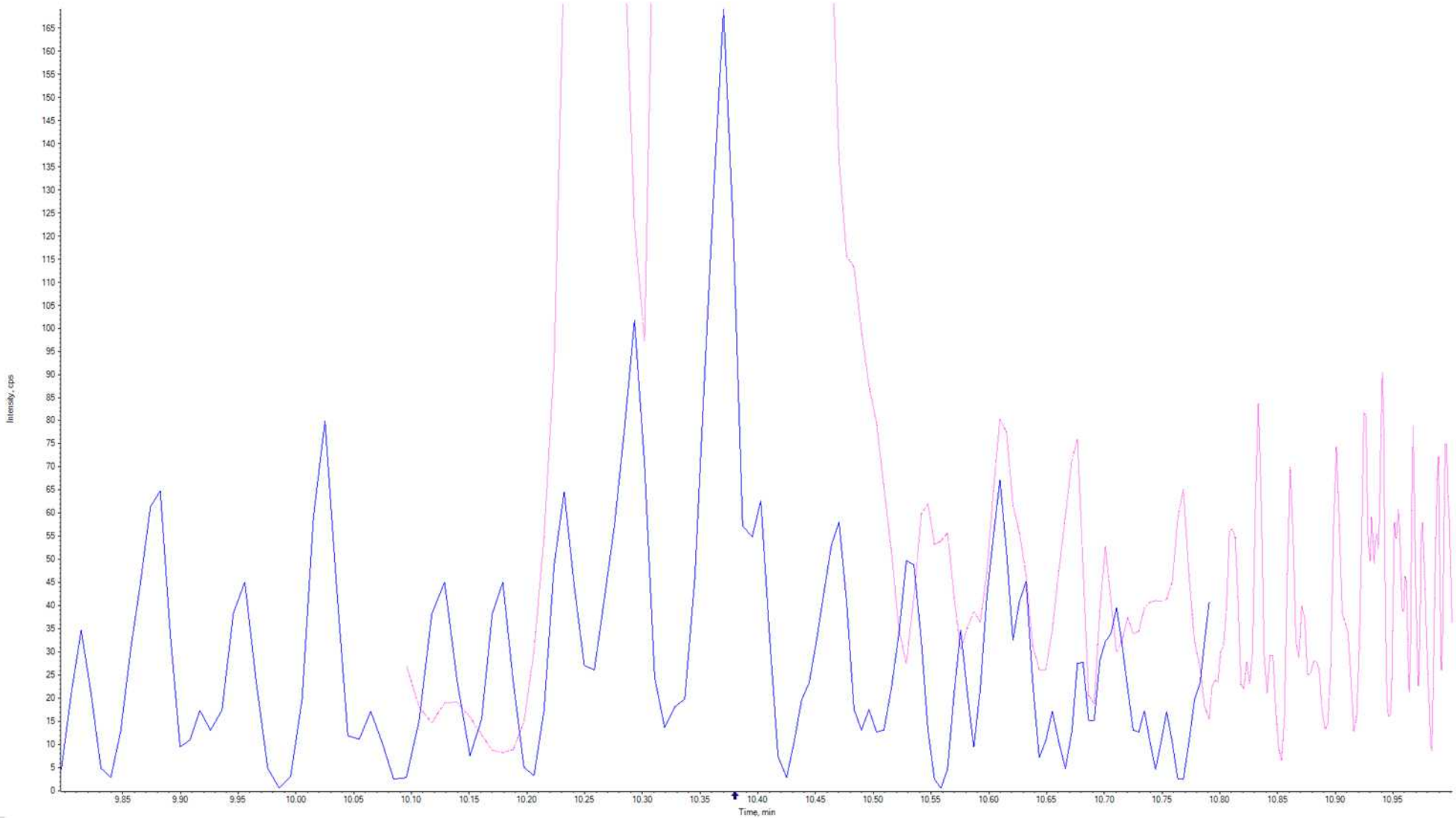
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Alpha Analytical Inc.
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NEtFOSA
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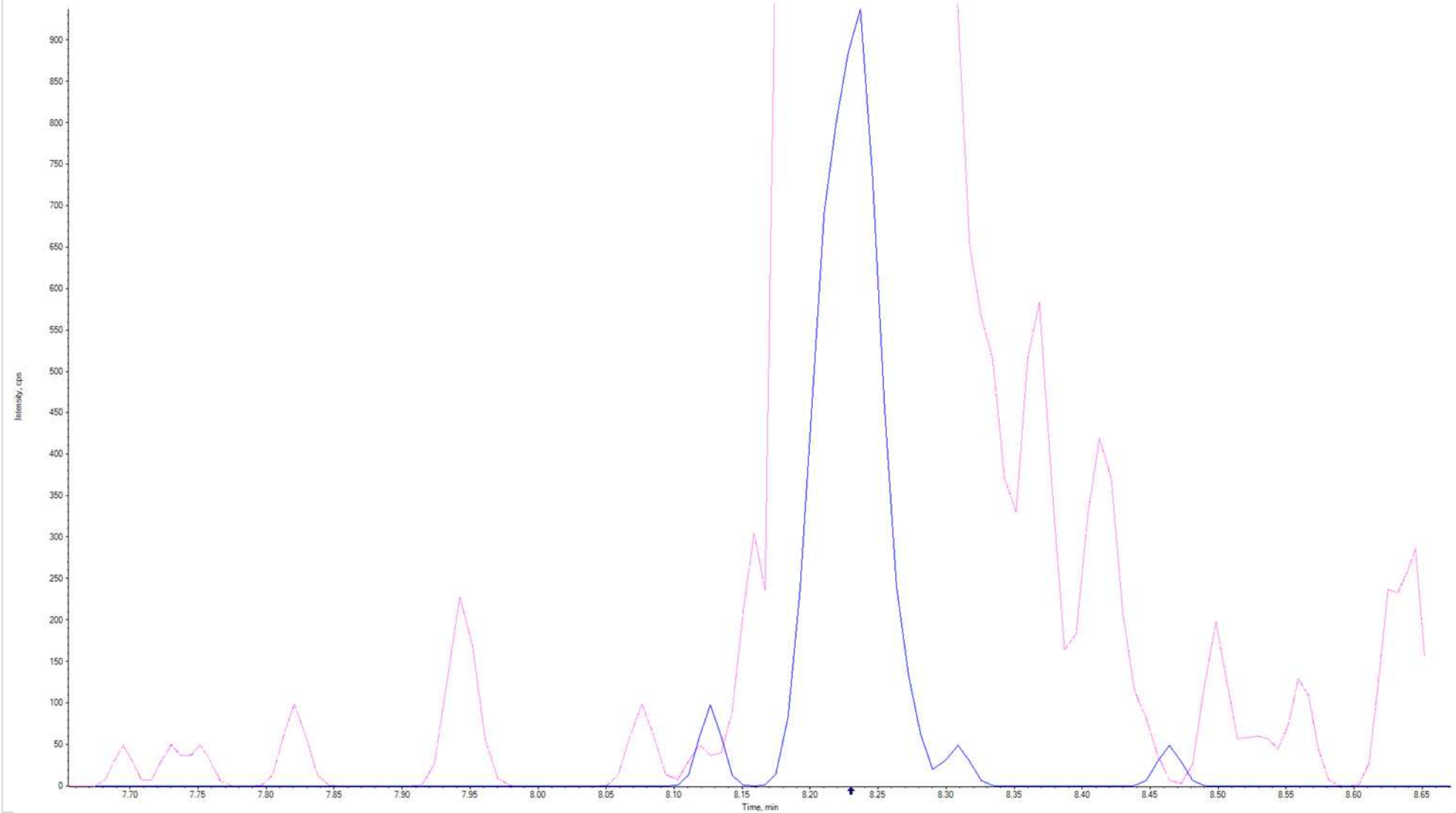
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
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NEtFOSA_2
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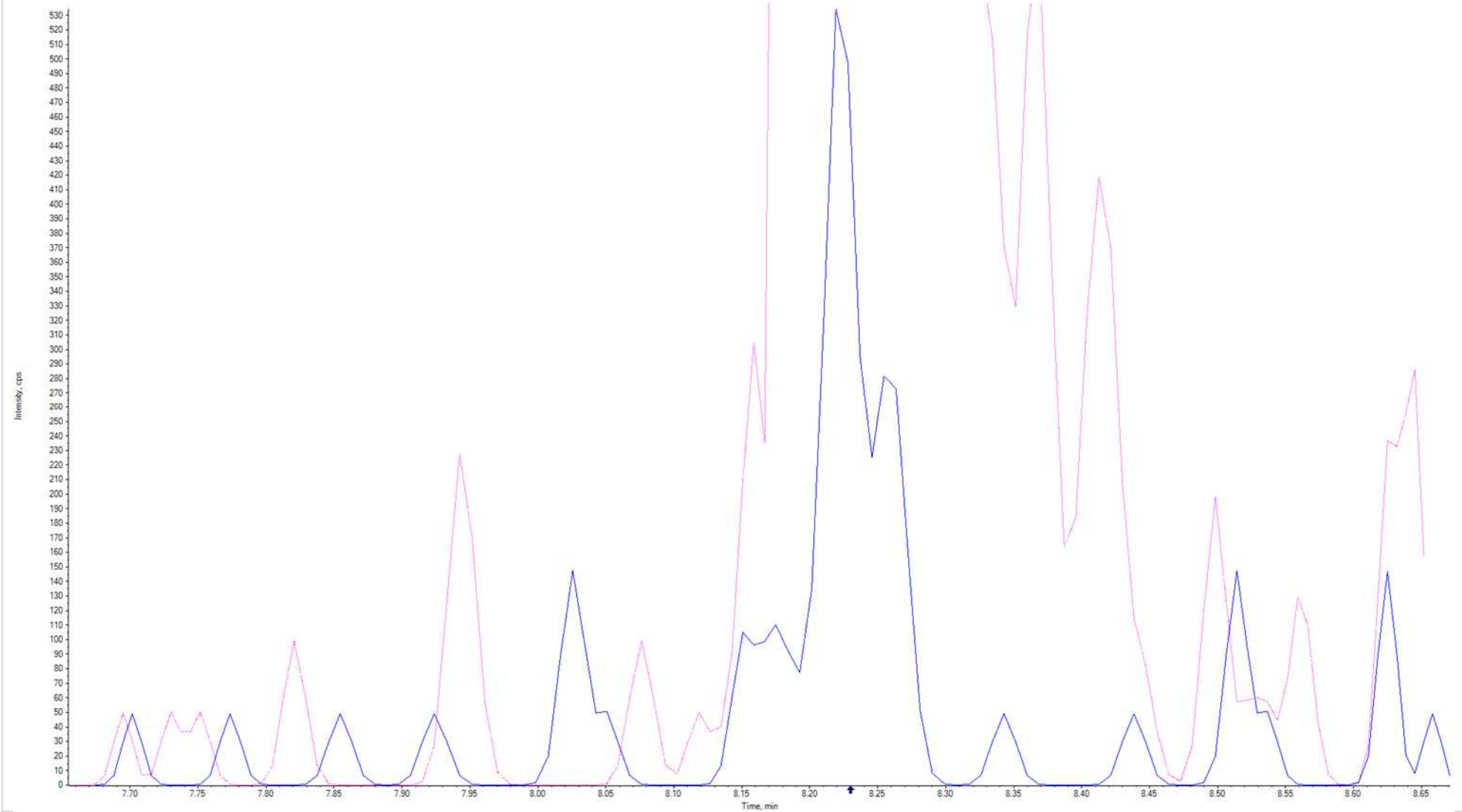
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Generated: 8/14/2024 9:40:32 AM

NMeFOSAA
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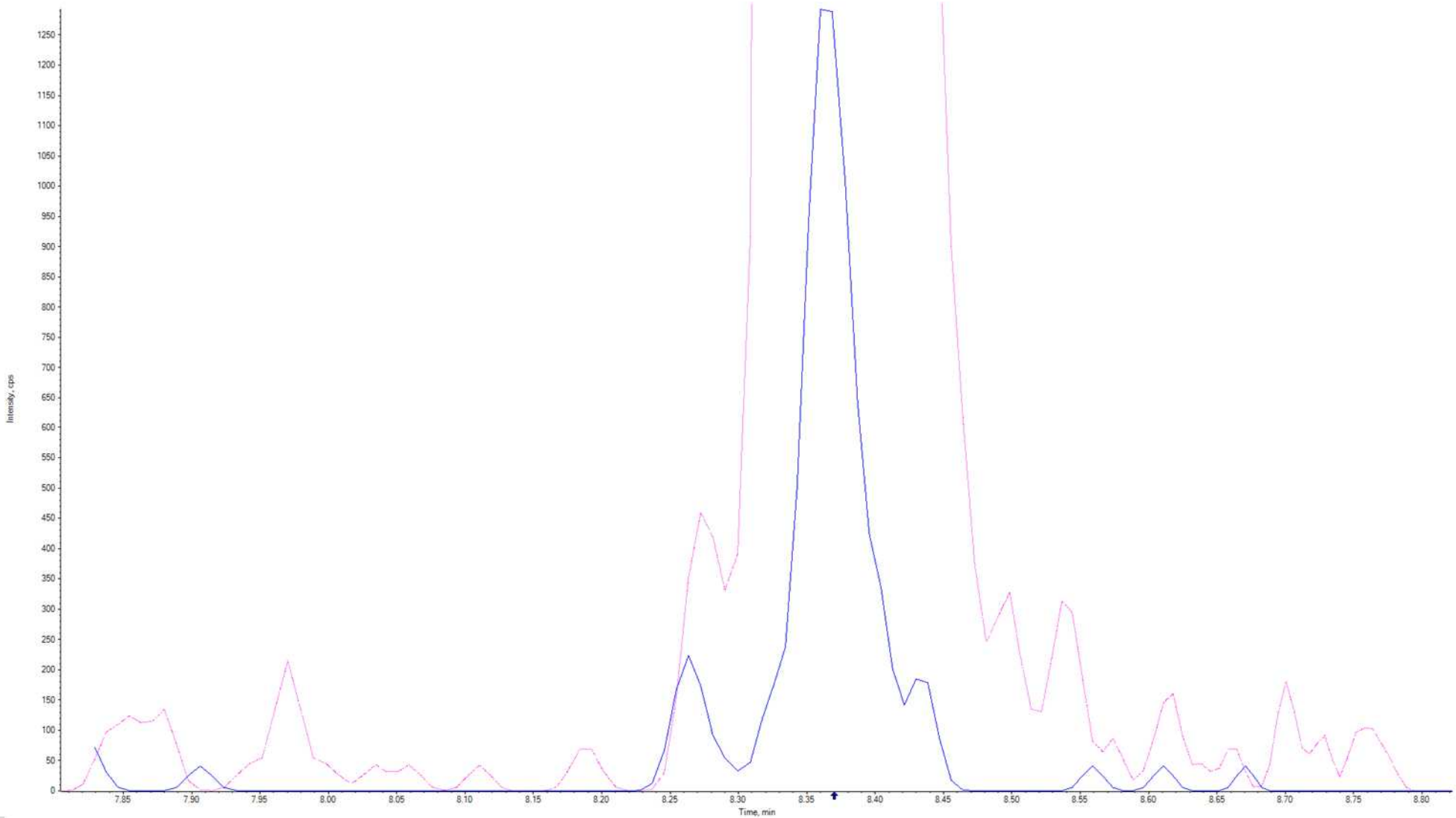
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NMeFOSAA_2
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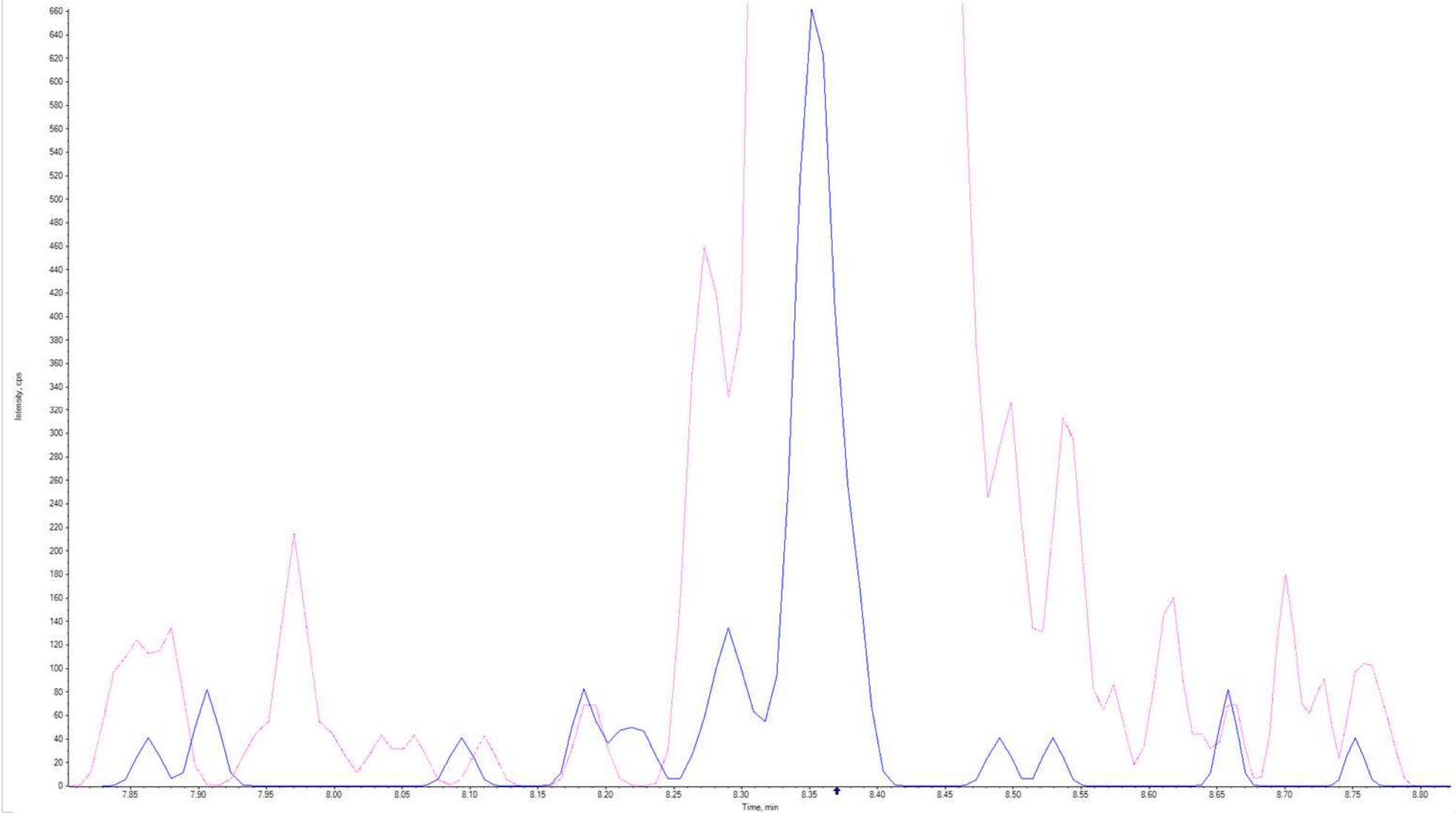
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSAA
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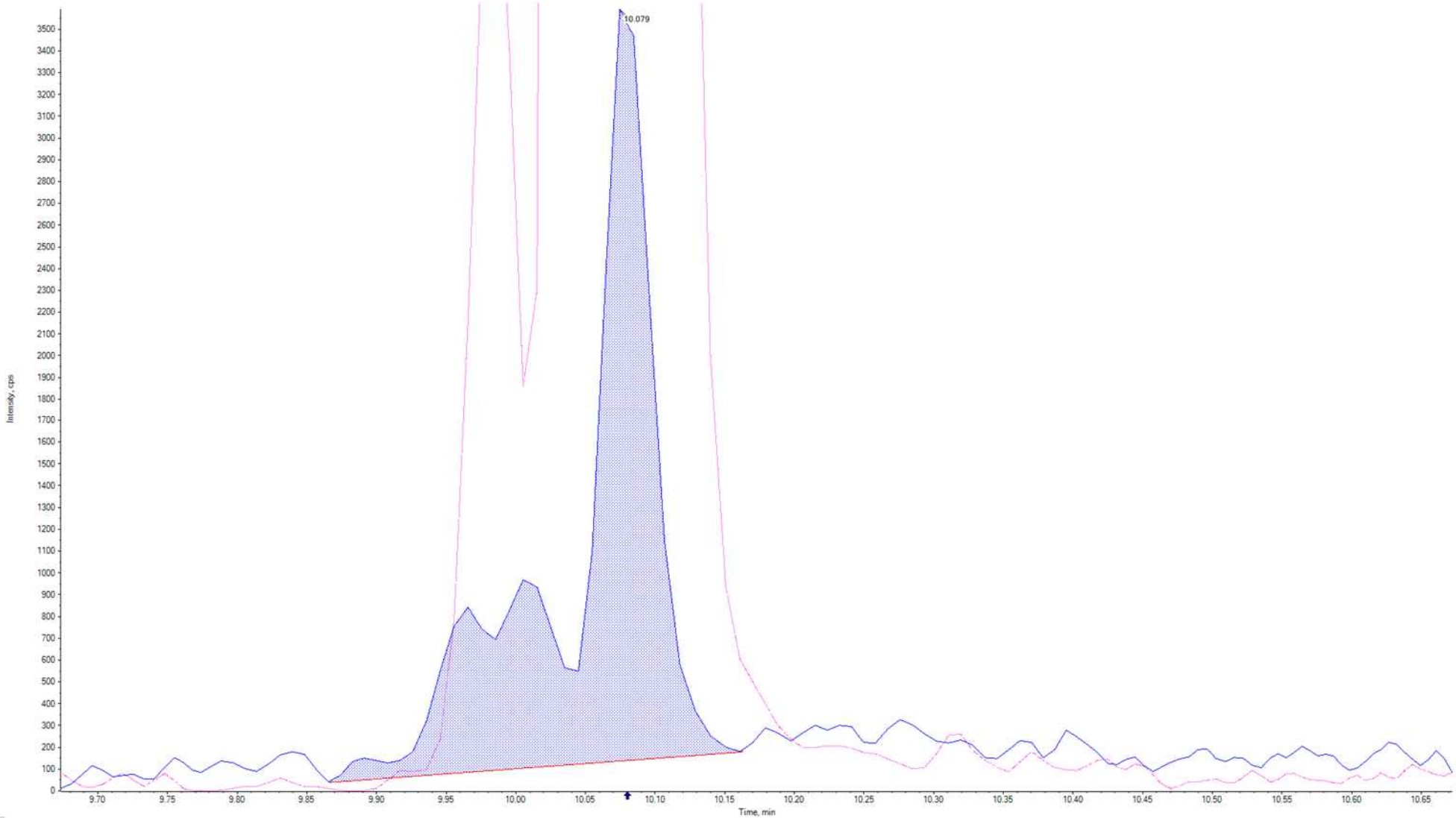
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSAA_2
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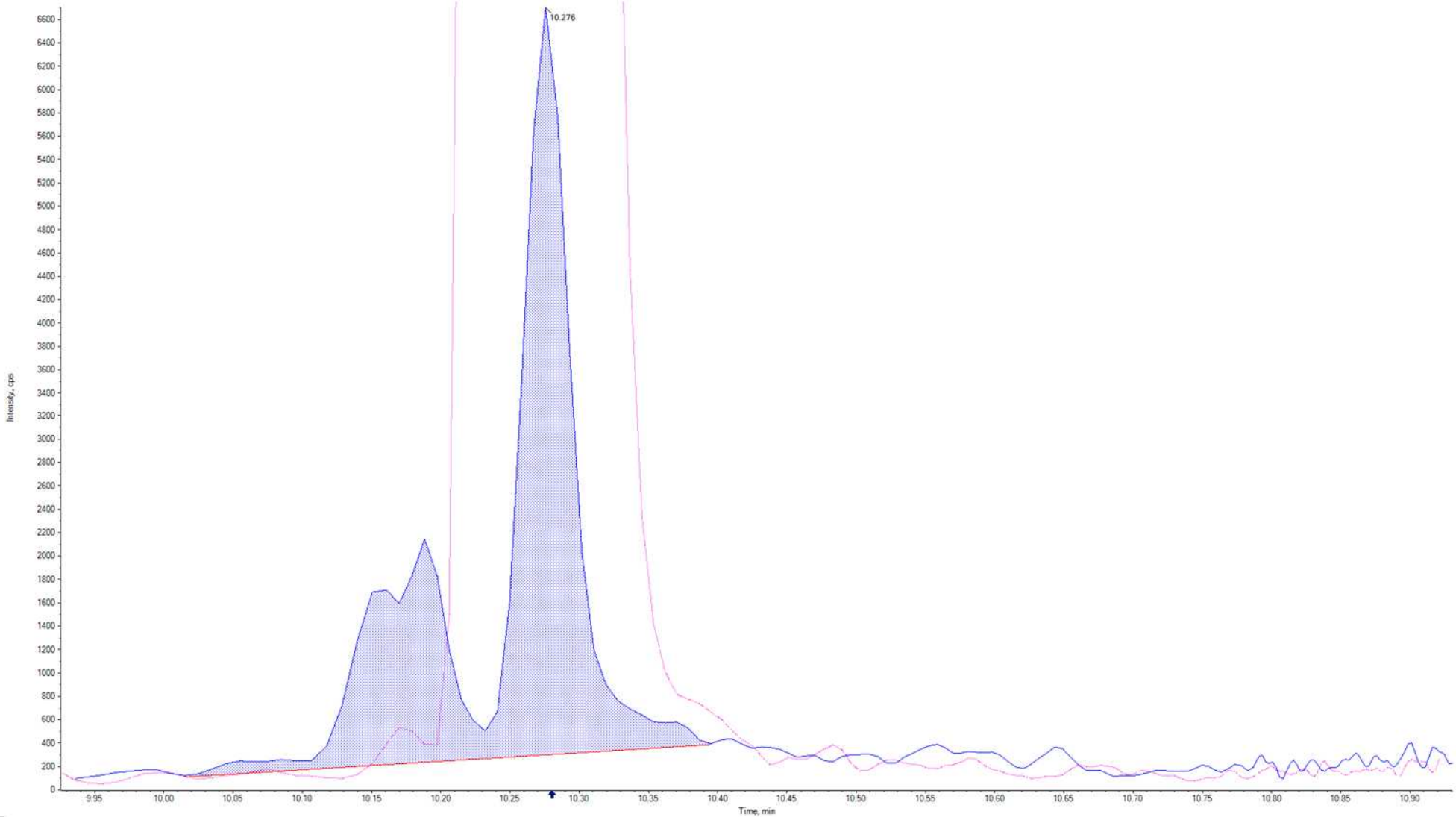
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Last Altered: 8/14/2024 9:55:24 AM
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NMeFOSE
Sample: WG1958909-3,INSTBLANK S/N:204.8 Points Across peak:32



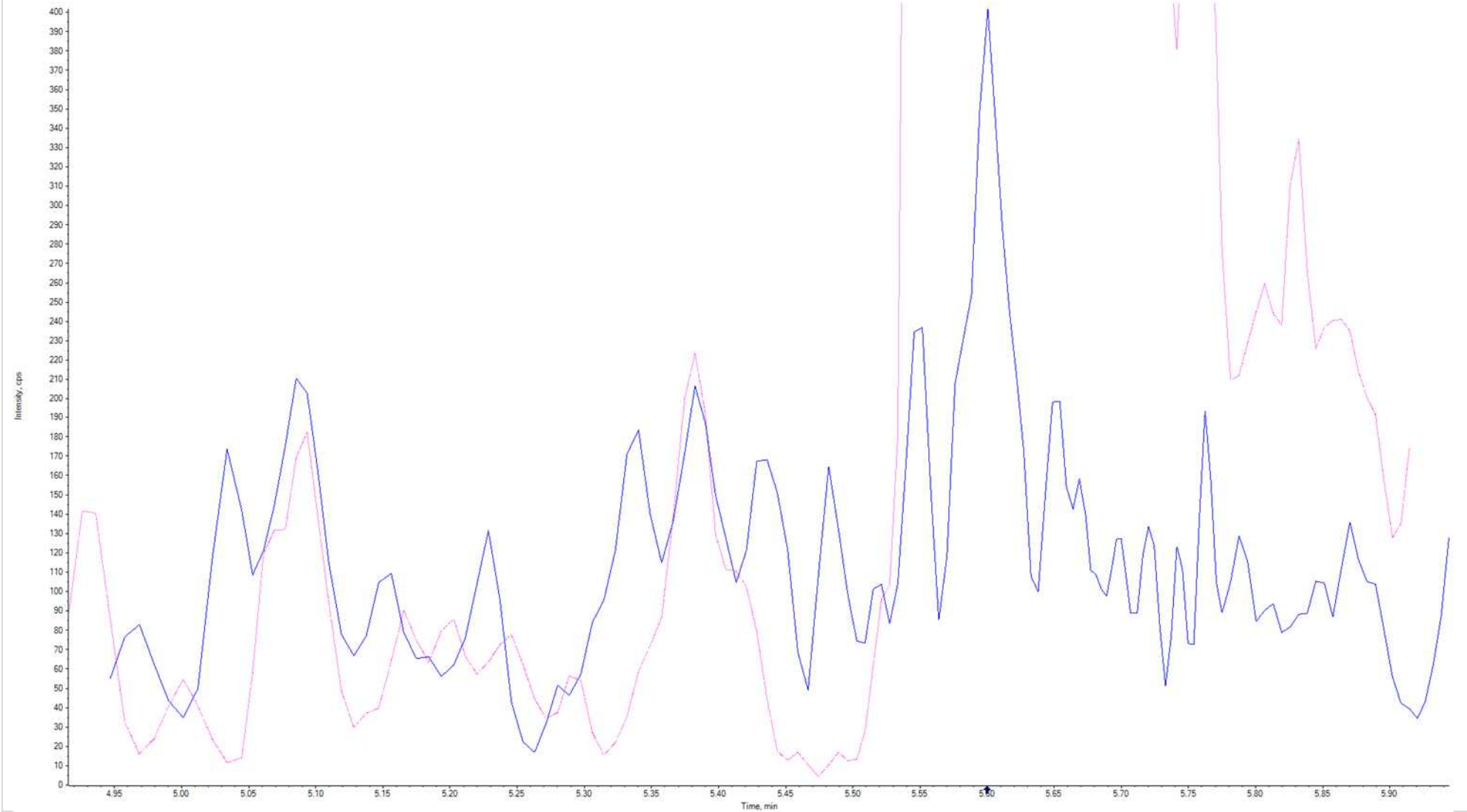
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NEtFOSE
Sample: WG1958909-3,INSTBLANK S/N:249.5 Points Across peak:42



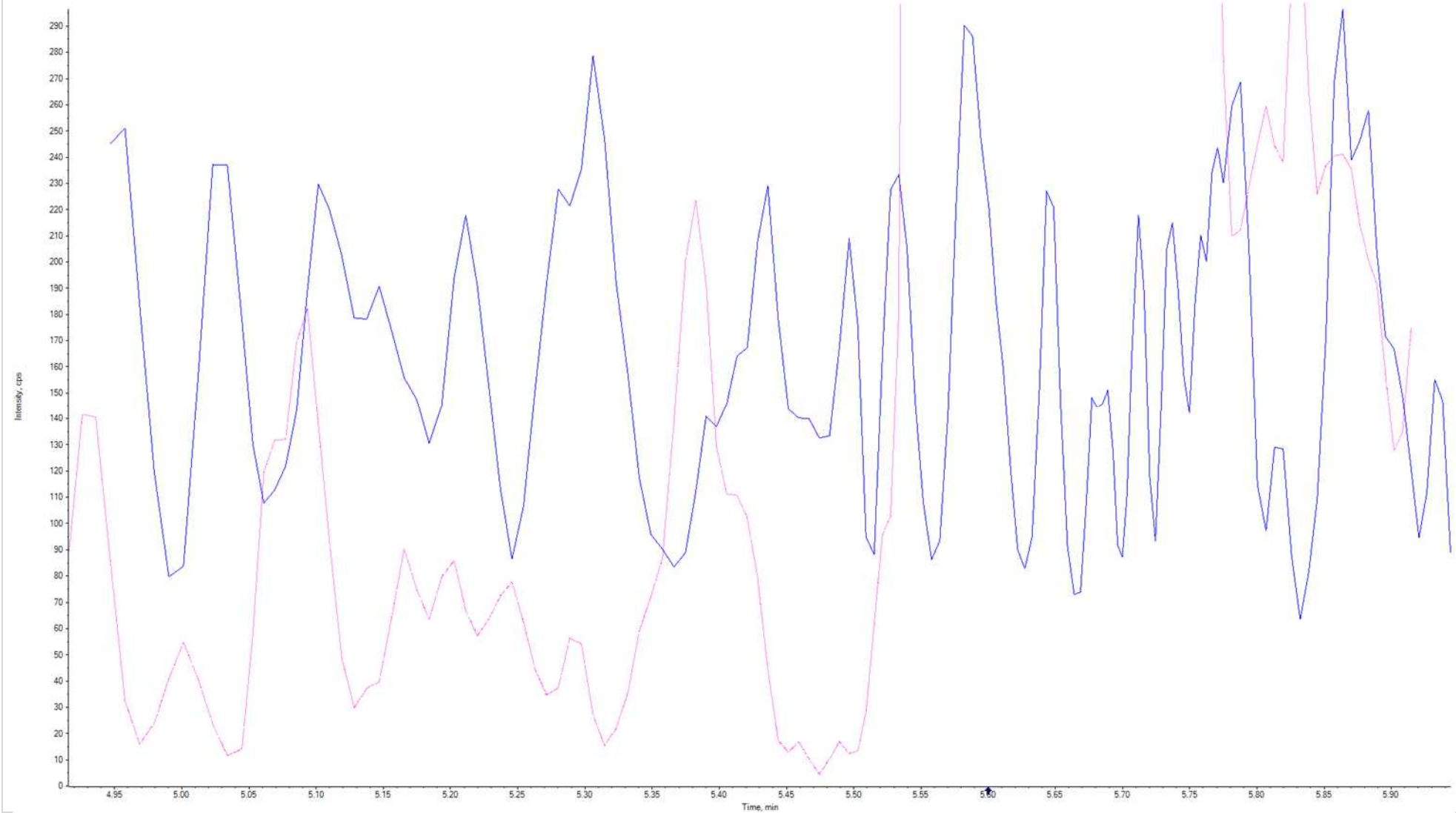
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

HFPO-DA
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



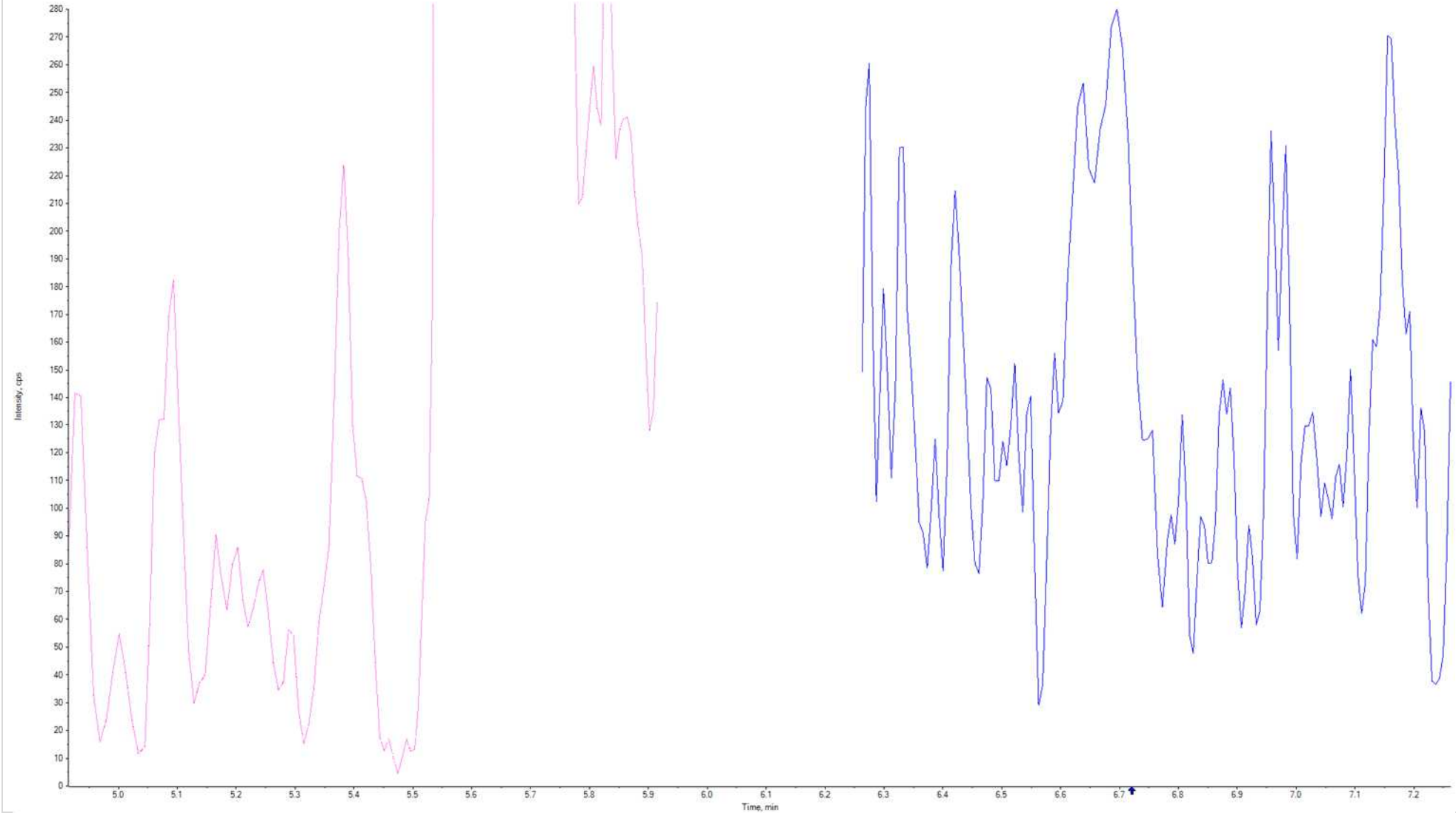
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HFPO-DA_2
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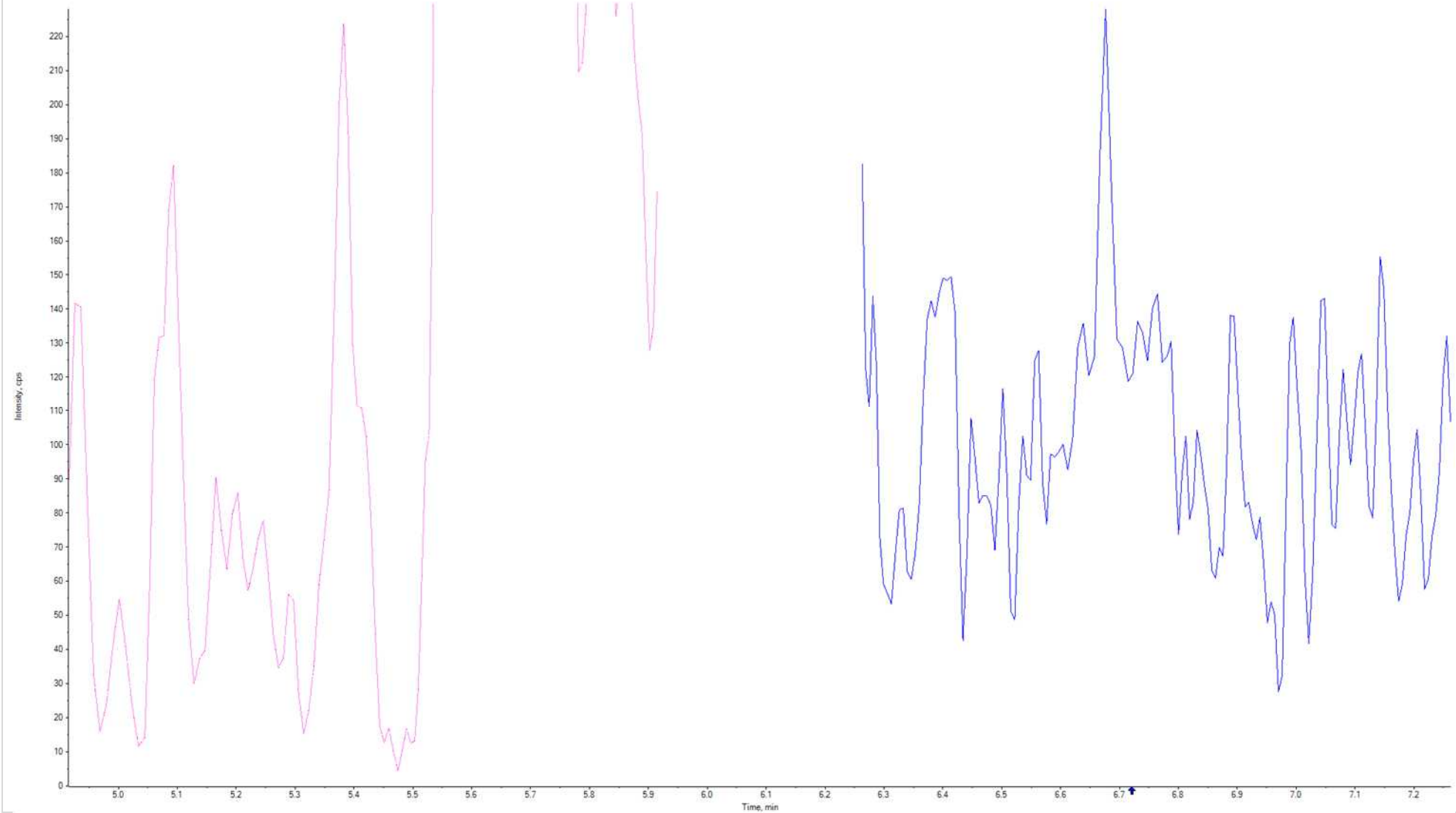


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

ADONA
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A

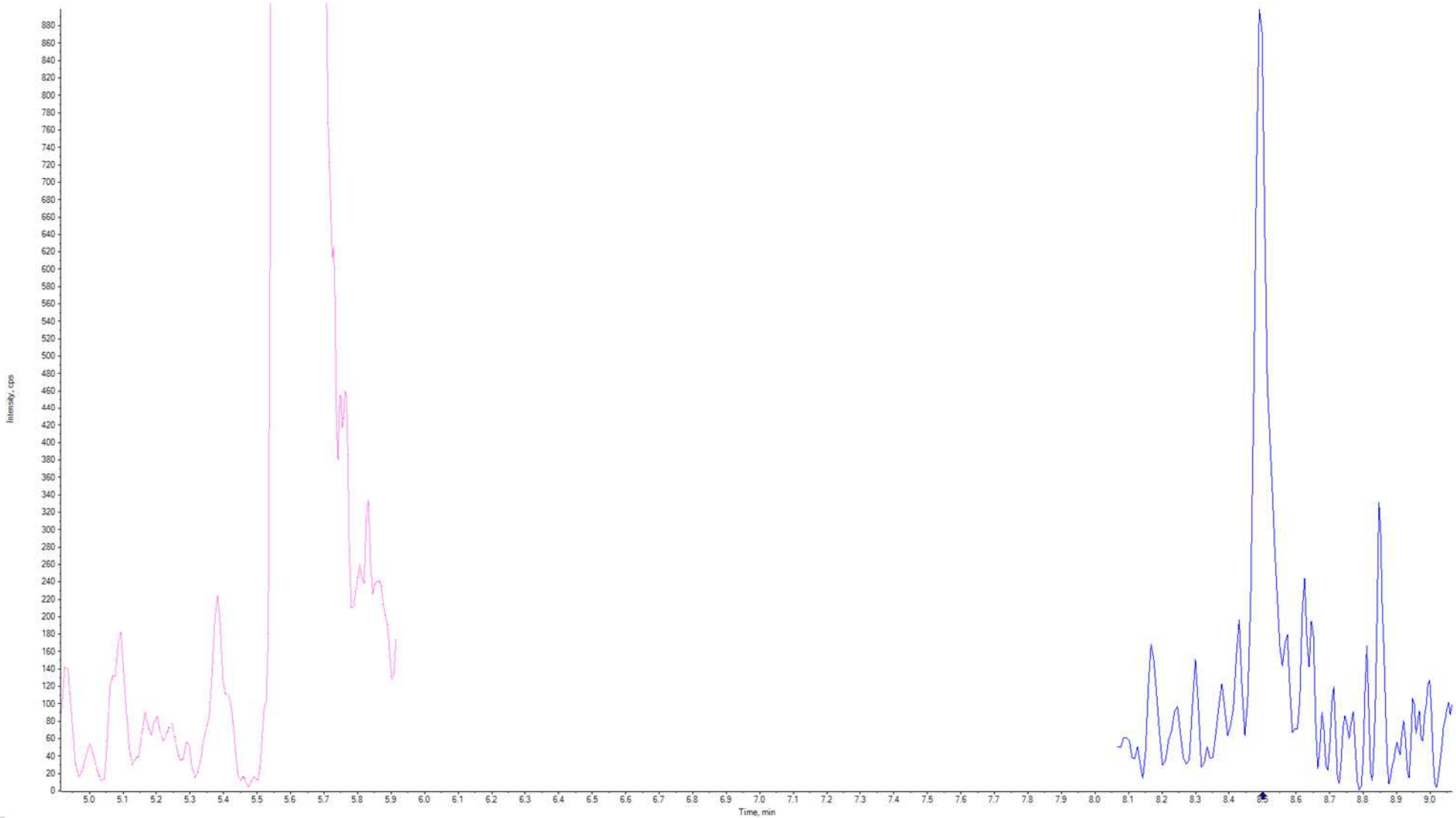


ADONA_2
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



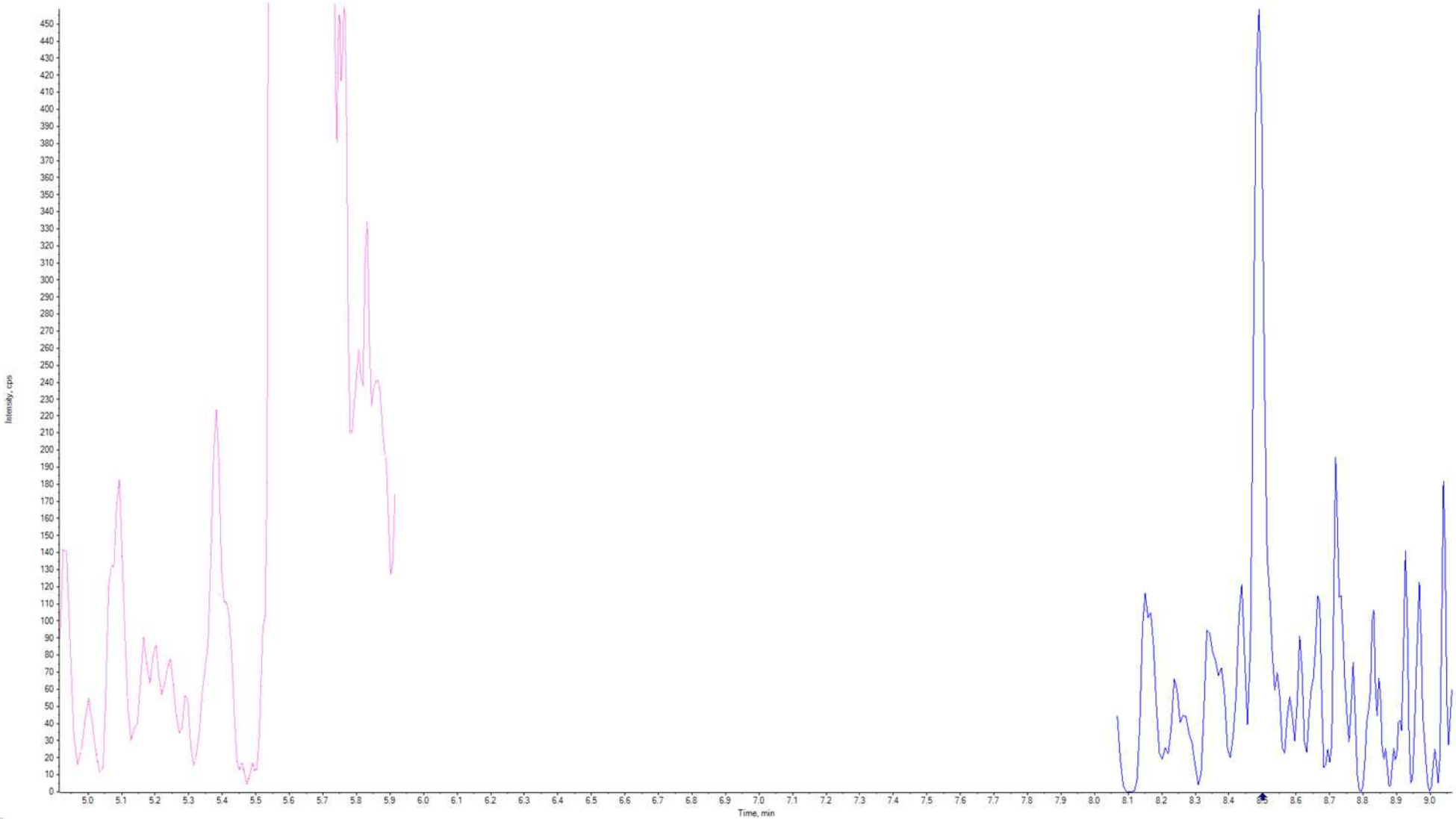
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Alpha Analytical Inc.
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9Cl-PF3ONS
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

9Cl-PF3ONS_2
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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11Cl-PF3OUdS
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



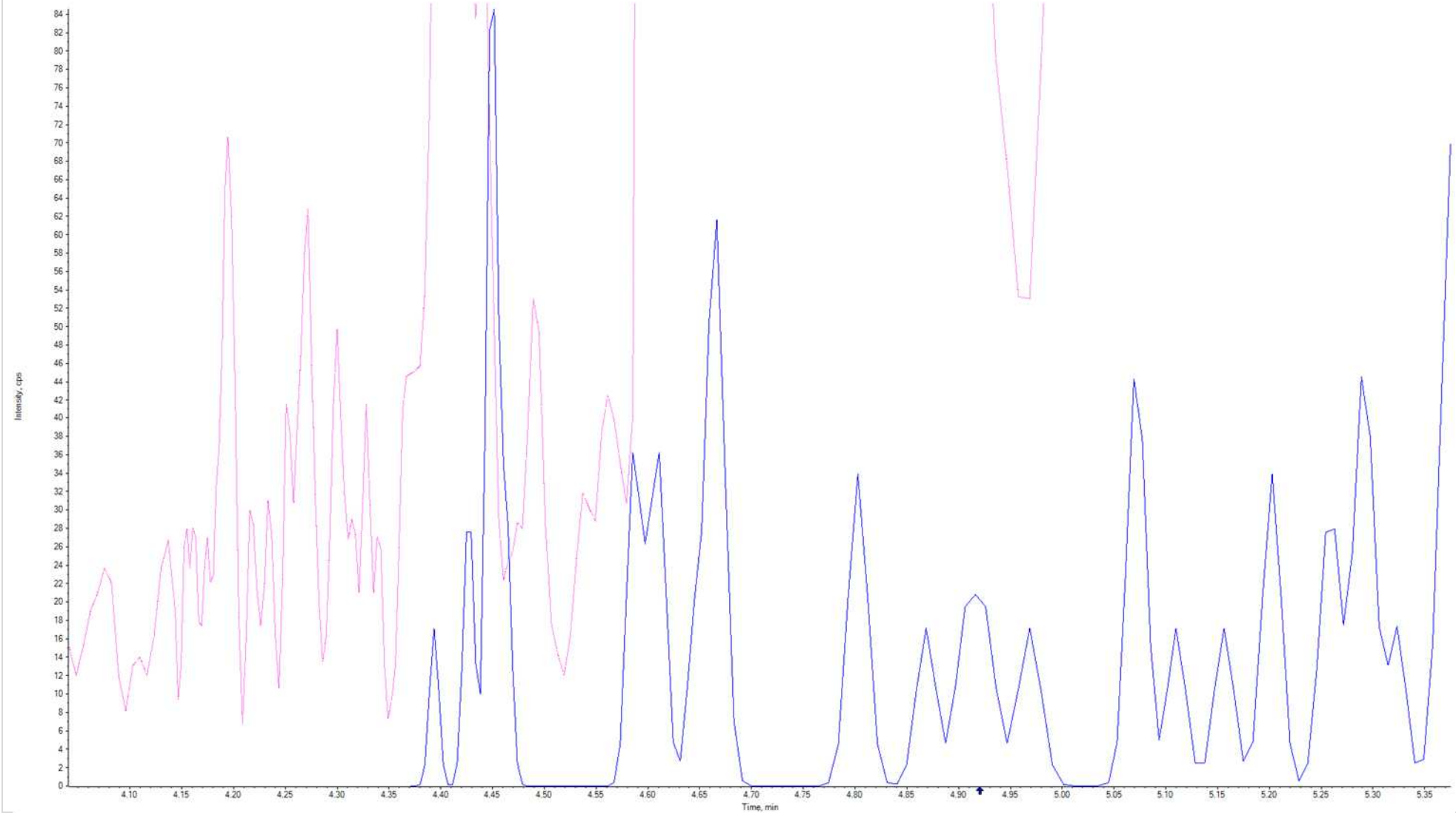
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

11Cl-PF3OUdS_2
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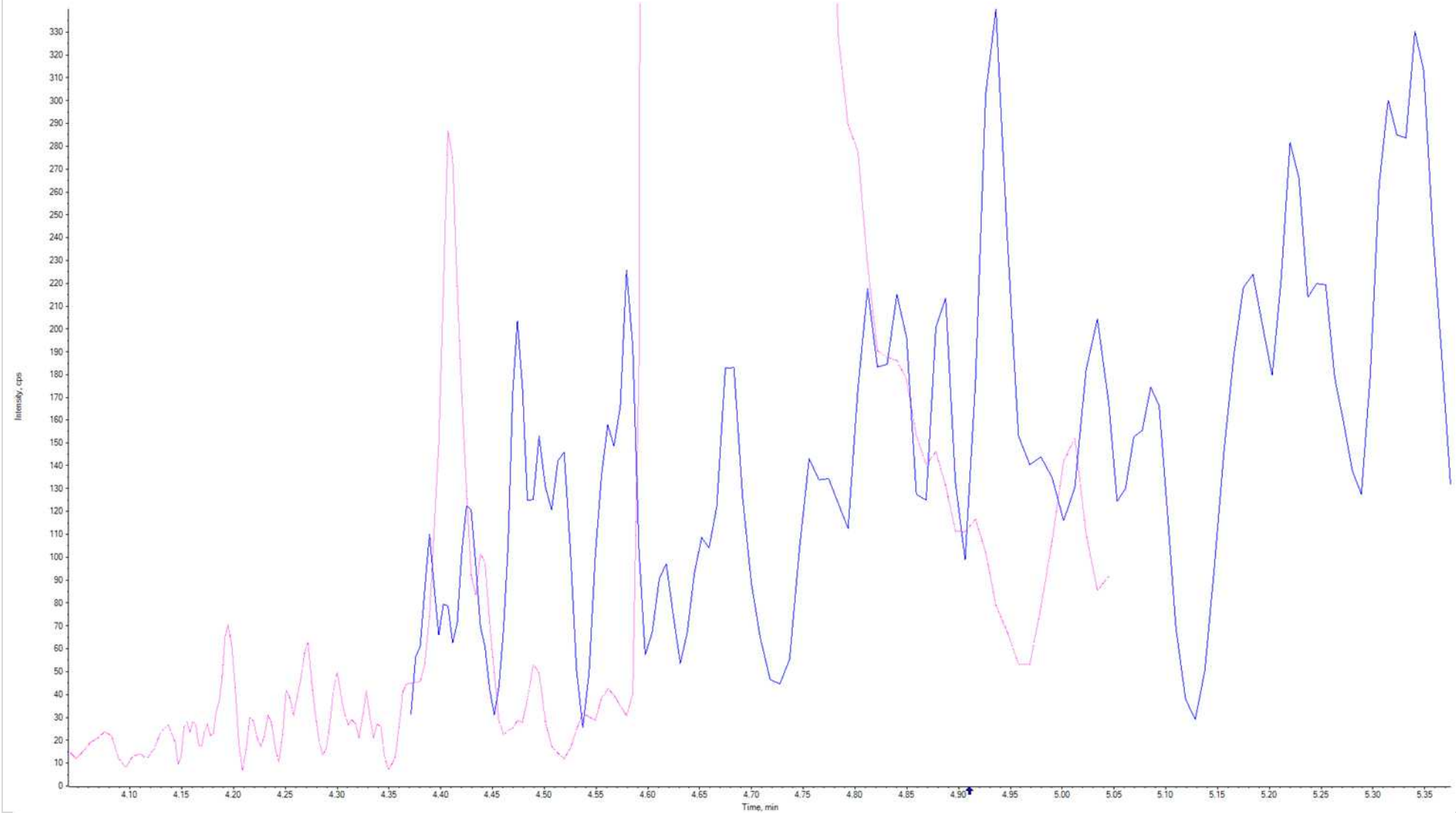
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

3:3FTCA
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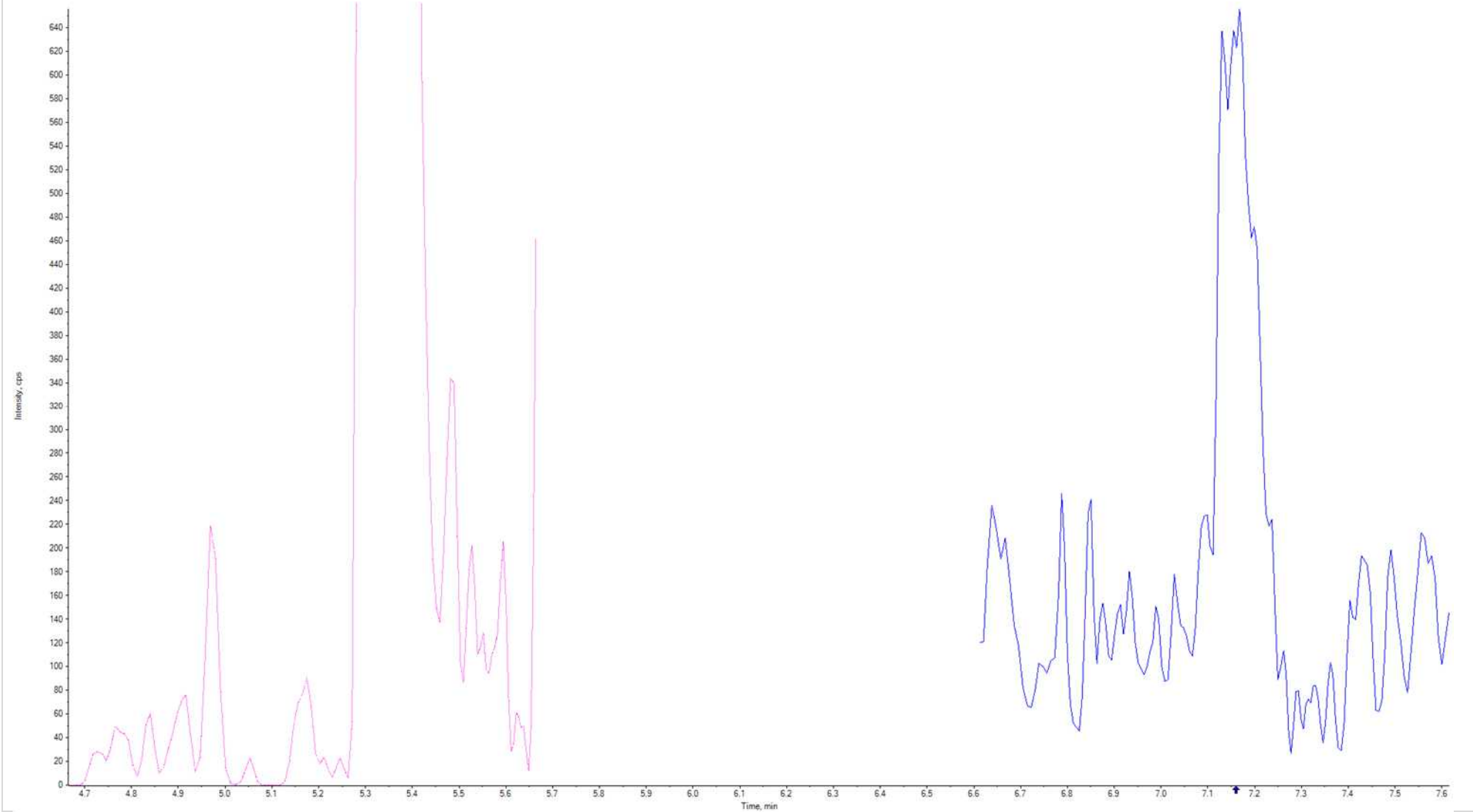
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

3:3FTCA_2
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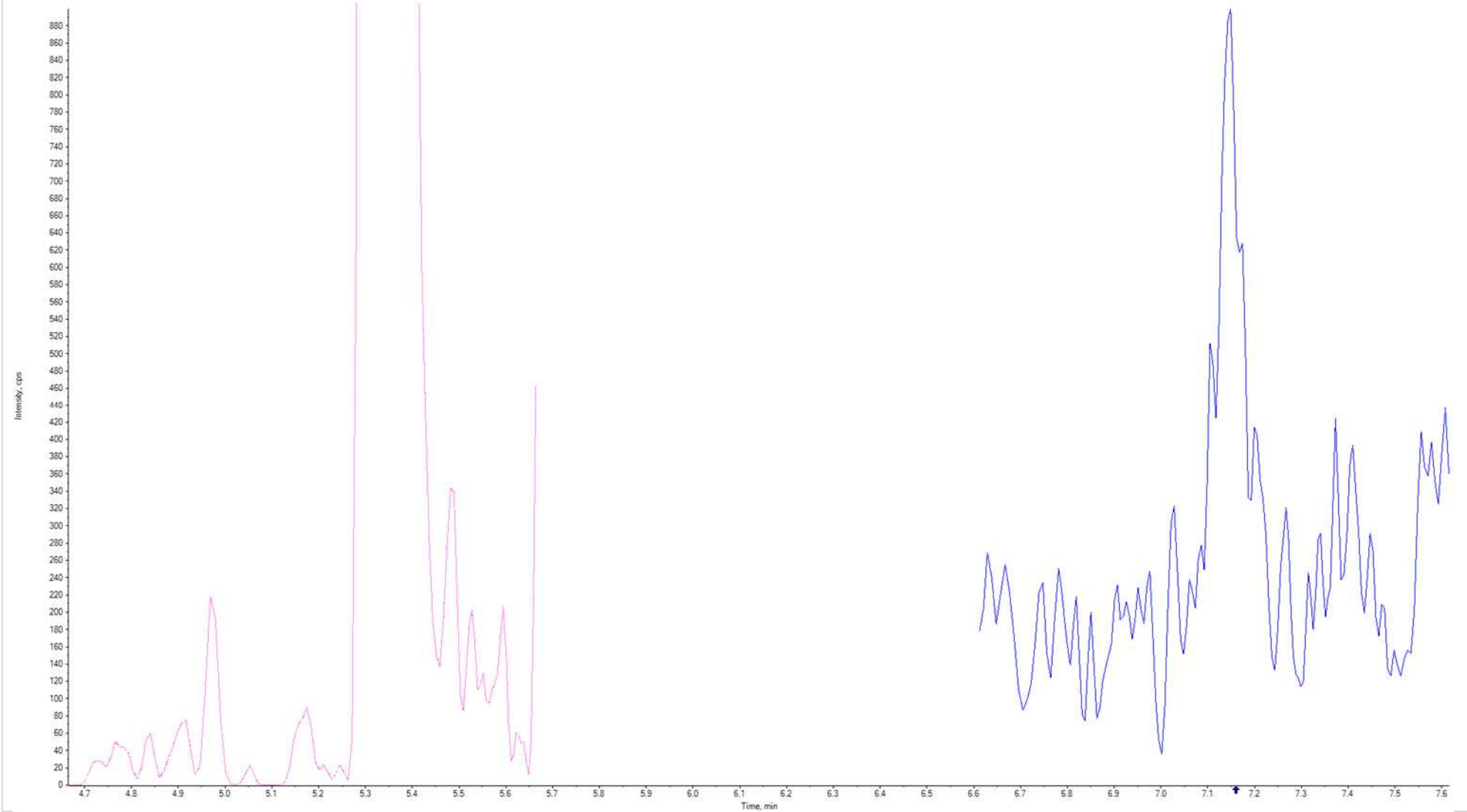
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

5:3FTCA
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



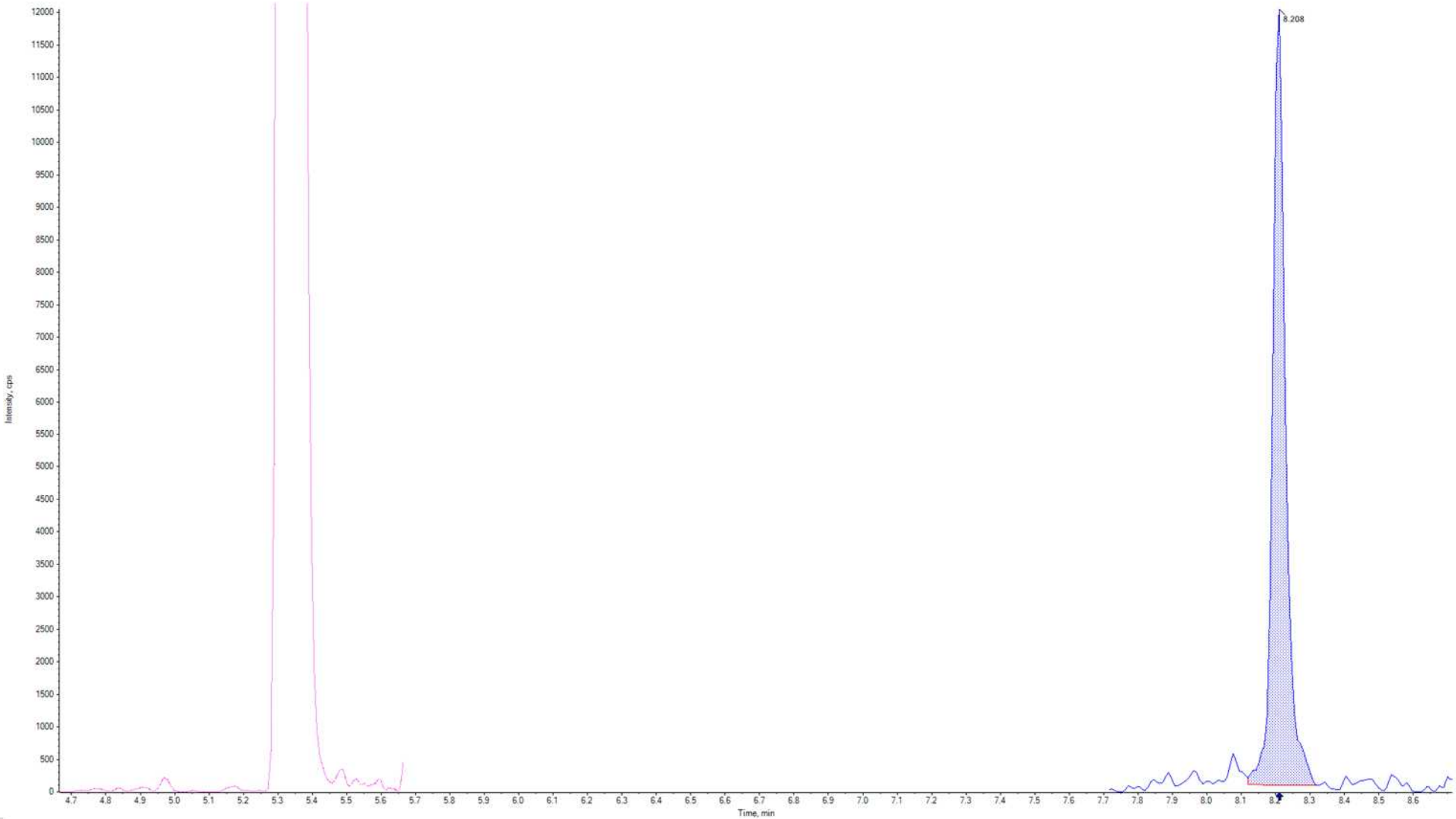
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

5:3FTCA_2
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



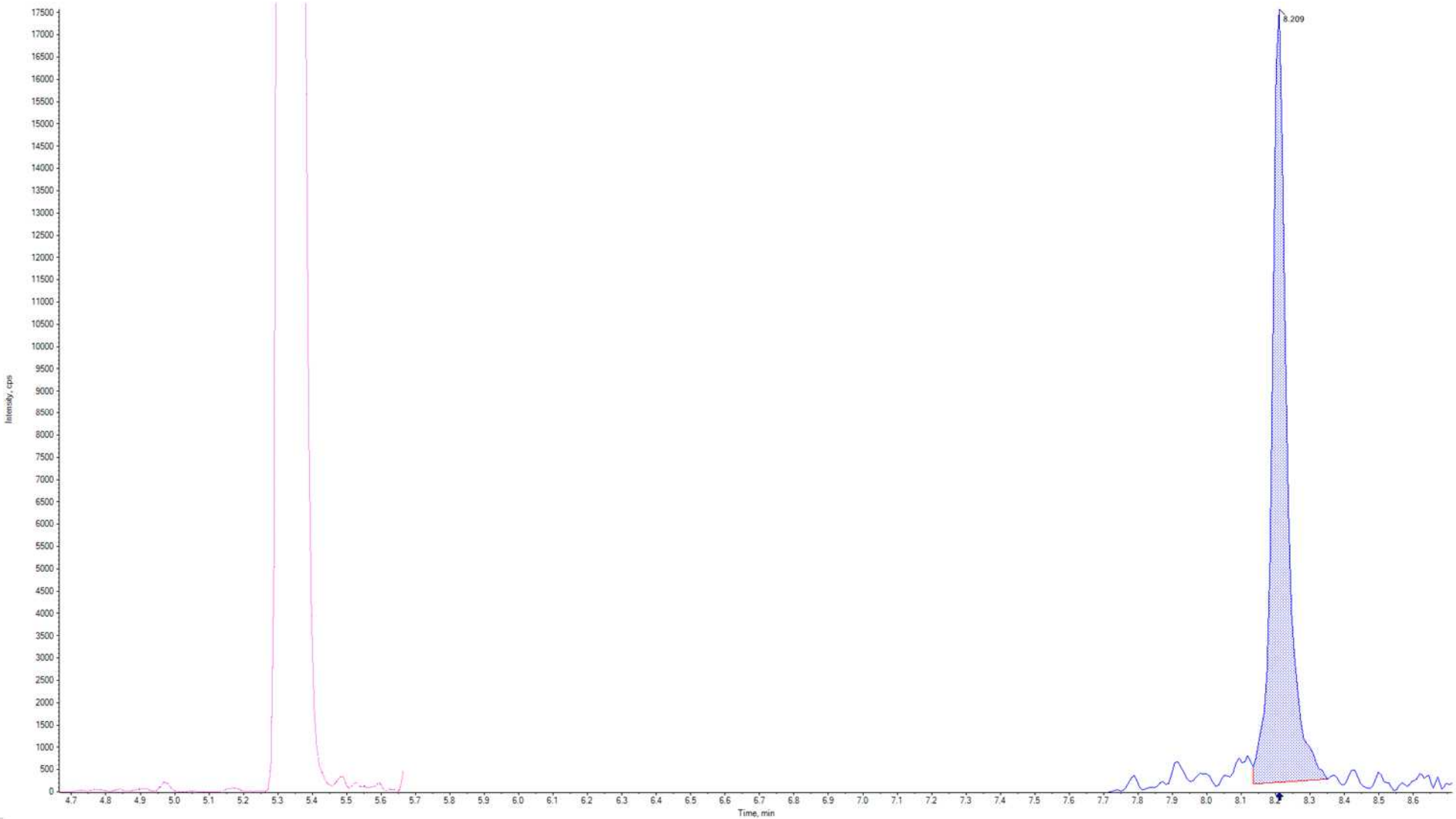
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

7:3FTCA
Sample: WG1958909-3,INSTBLANK S/N:3626.9 Points Across peak:25



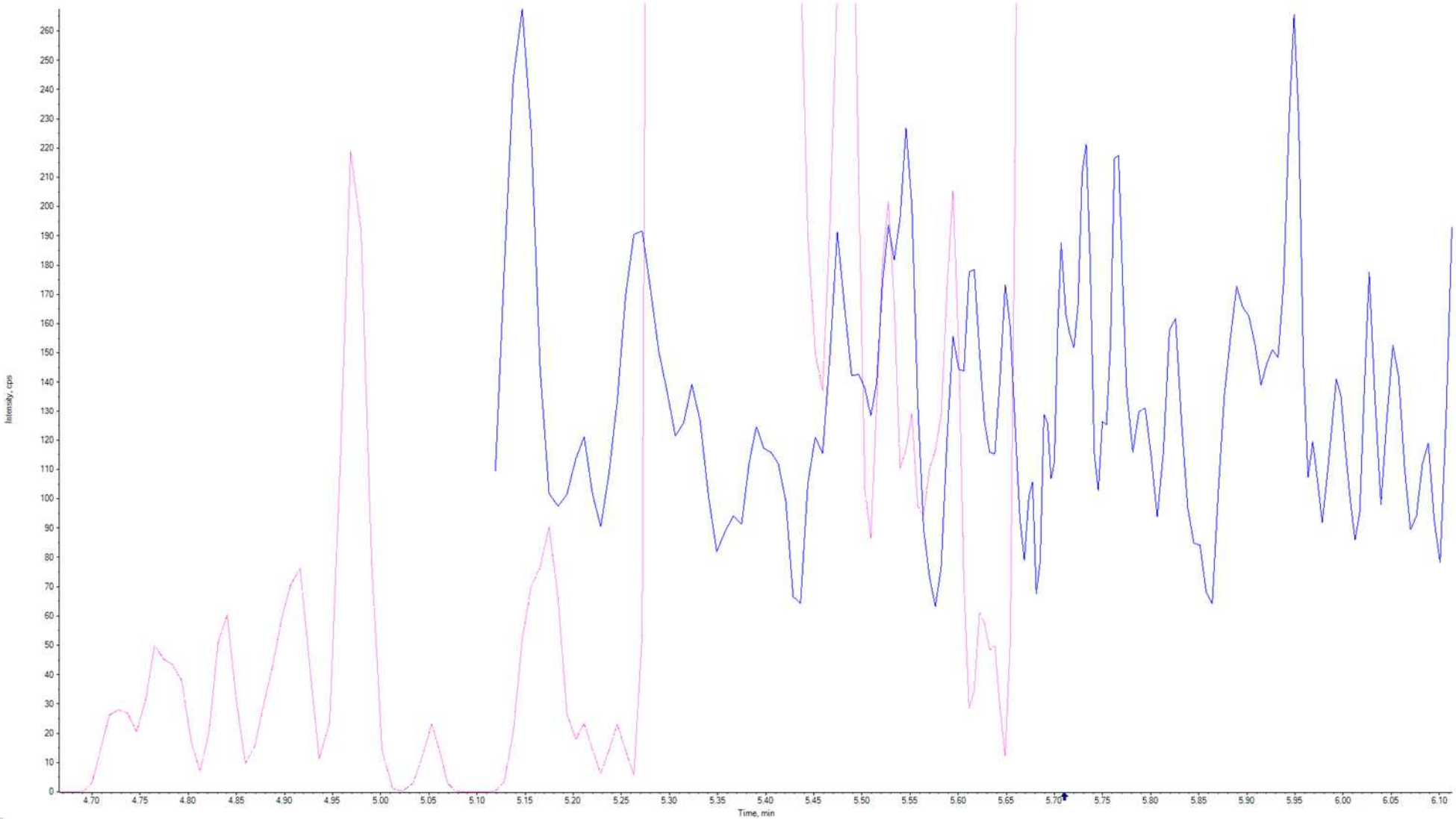
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

7:3FTCA_2
Sample: WG1958909-3,INSTBLANK S/N:1308.5 Points Across peak:26



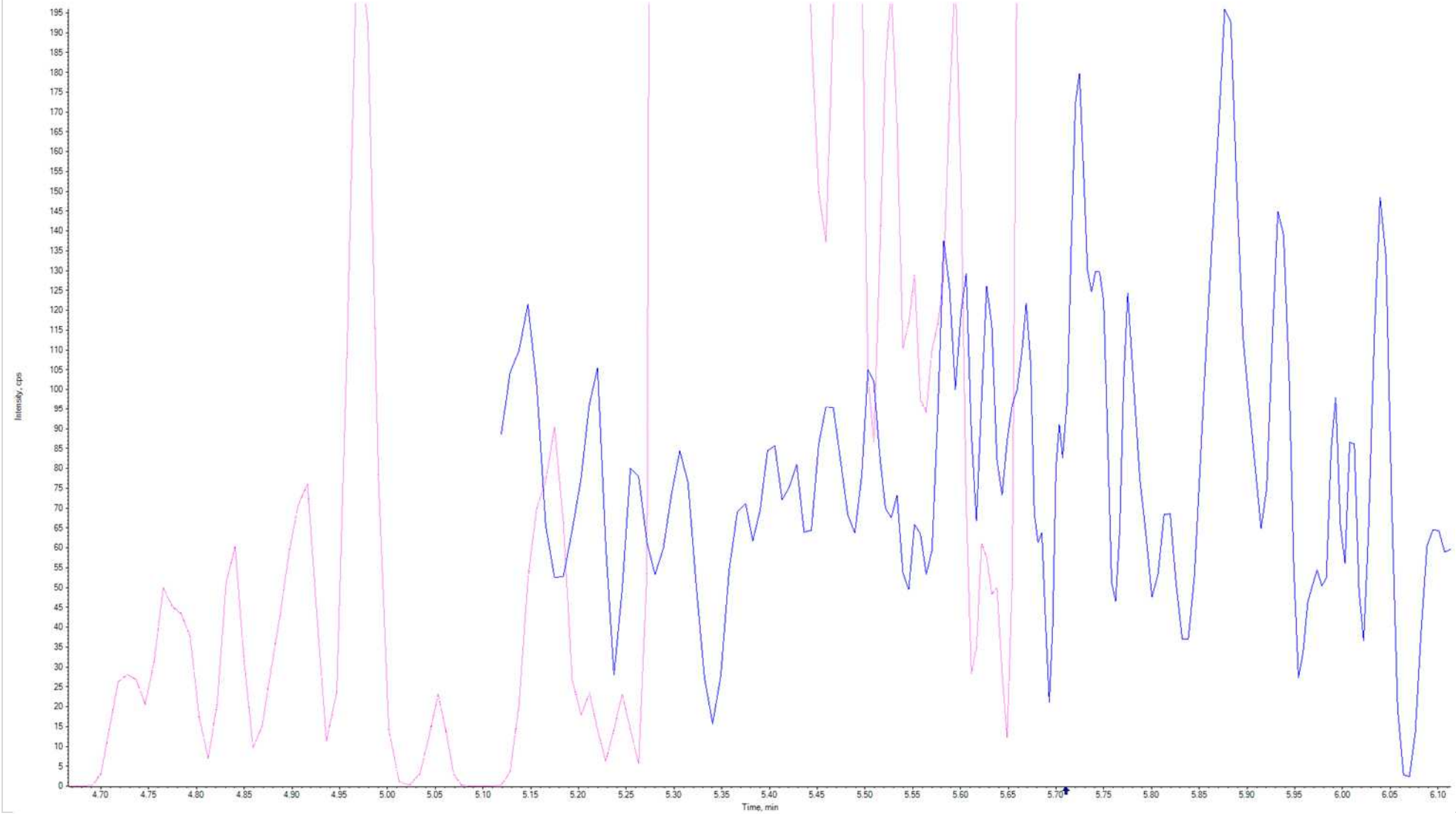
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFEESA
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



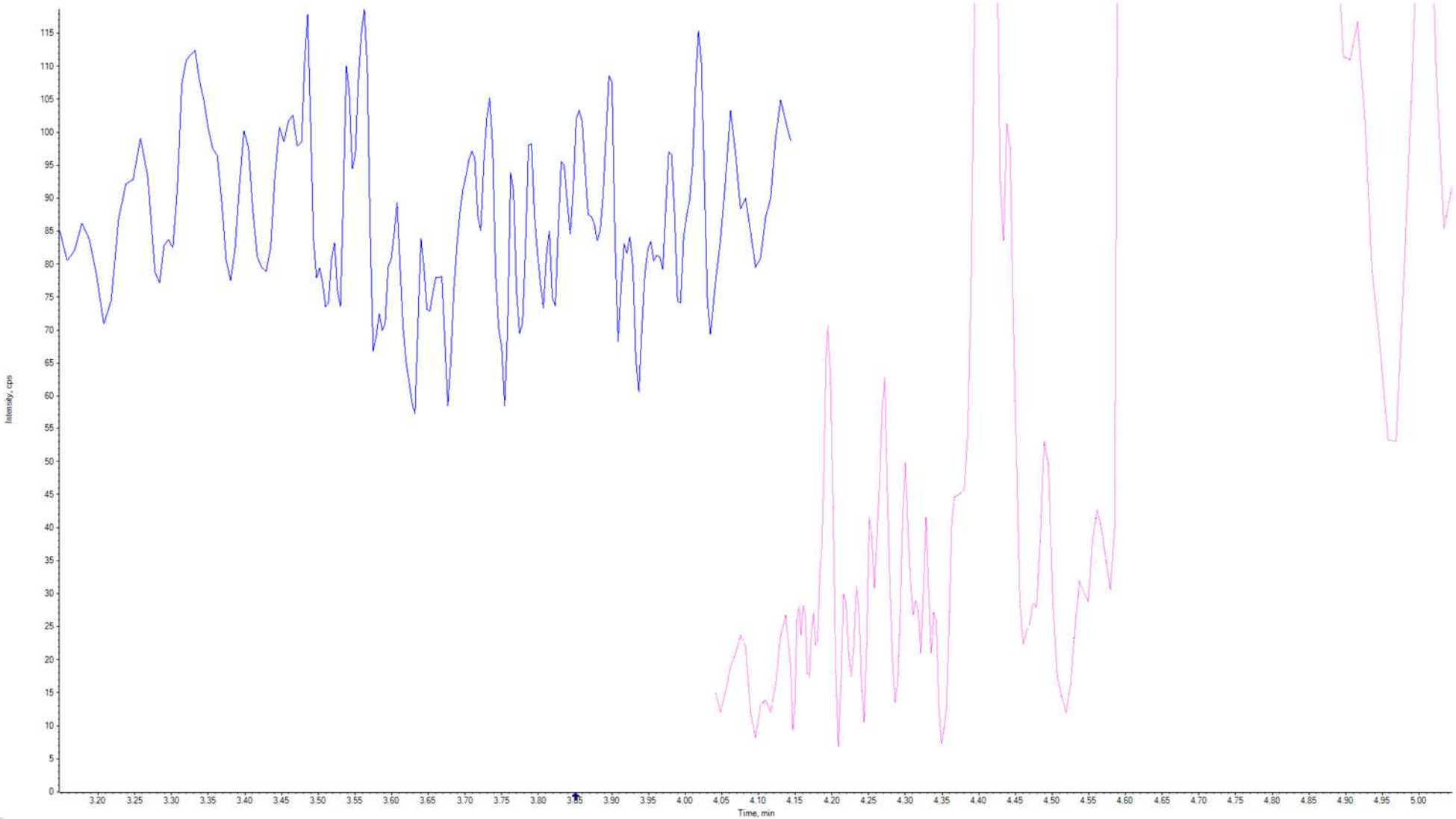
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFEESA_2
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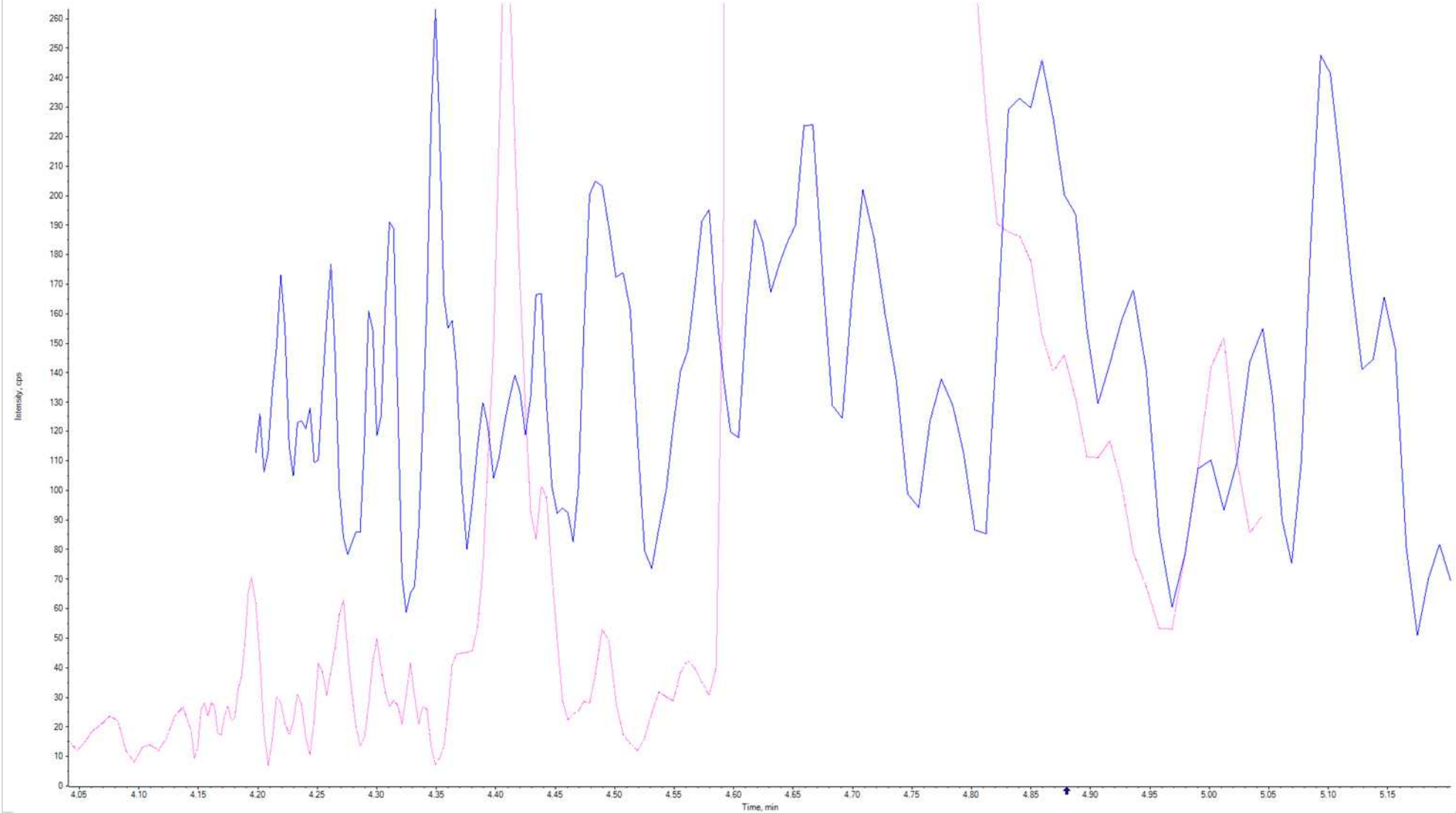


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFMPA
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A

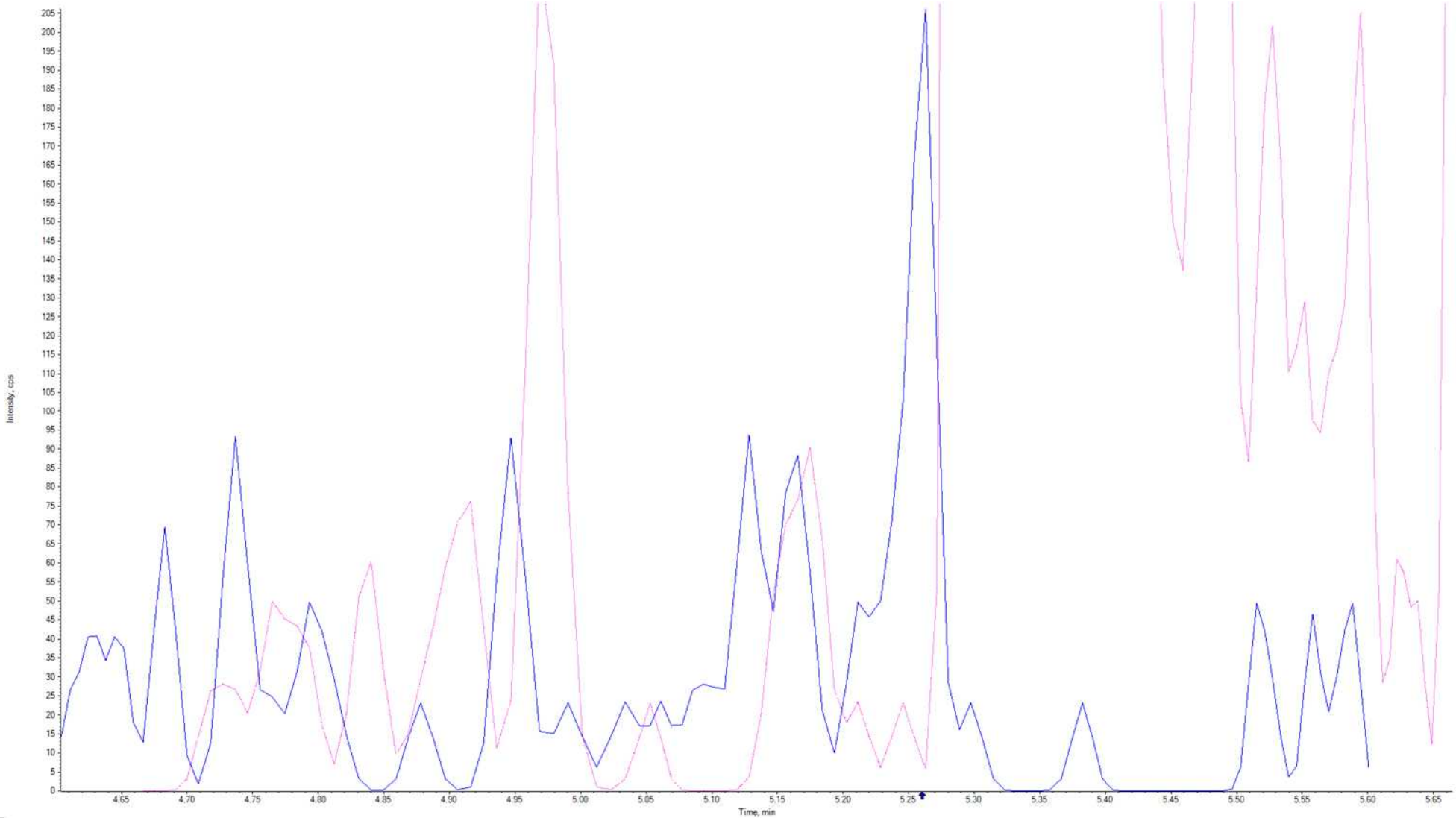


PFMBA
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



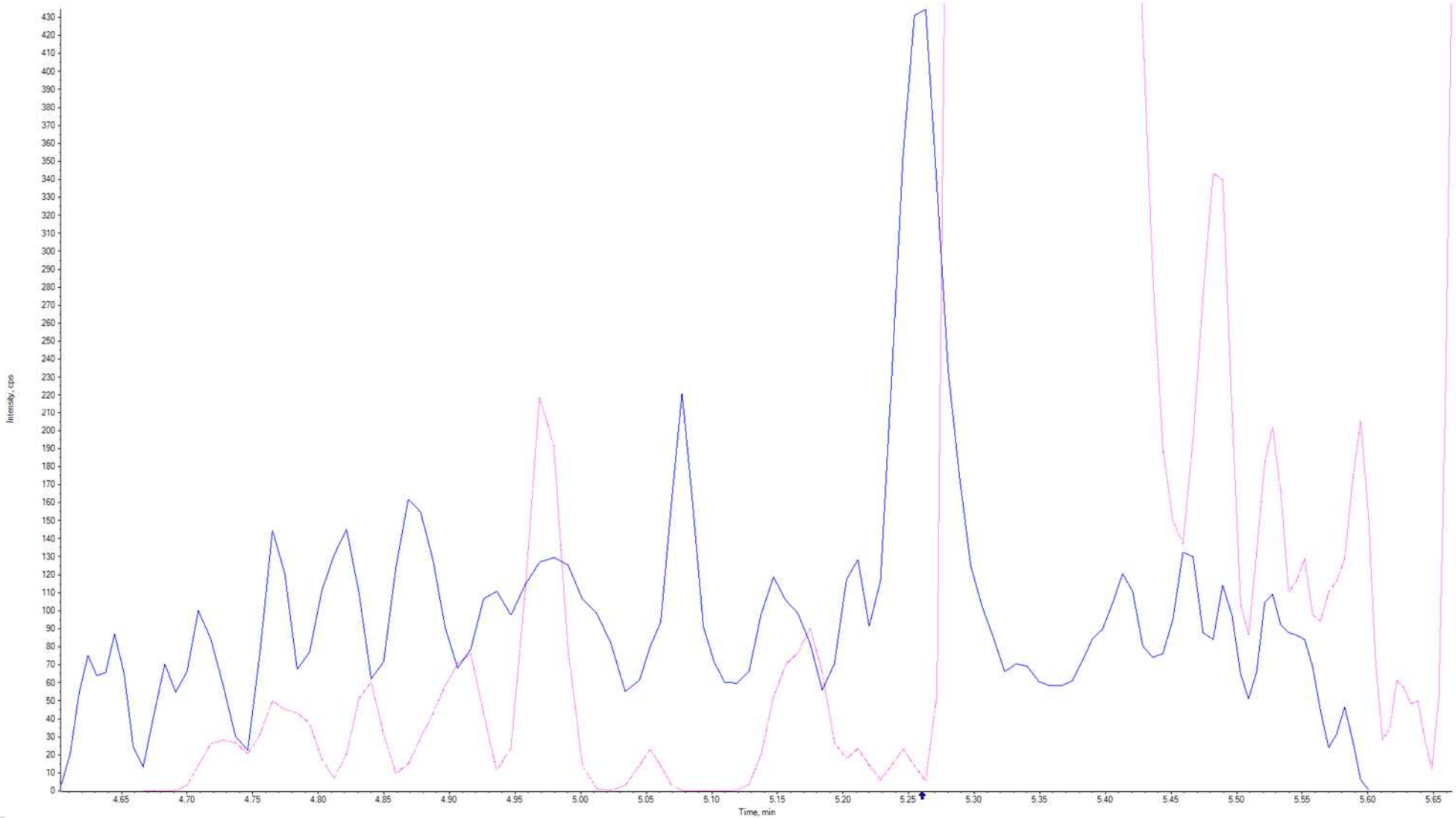
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NFDHA
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



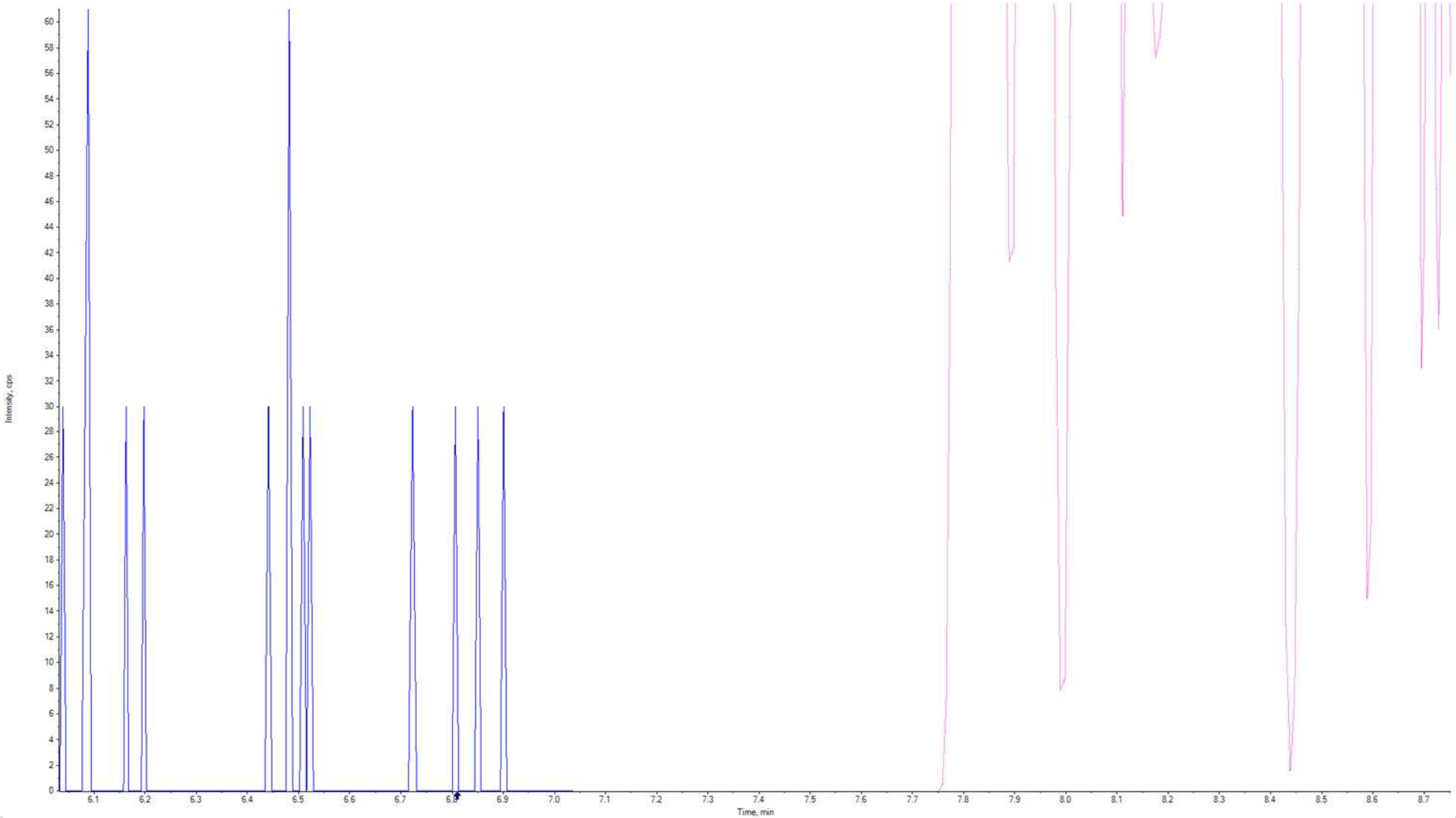
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NFDHA_2
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



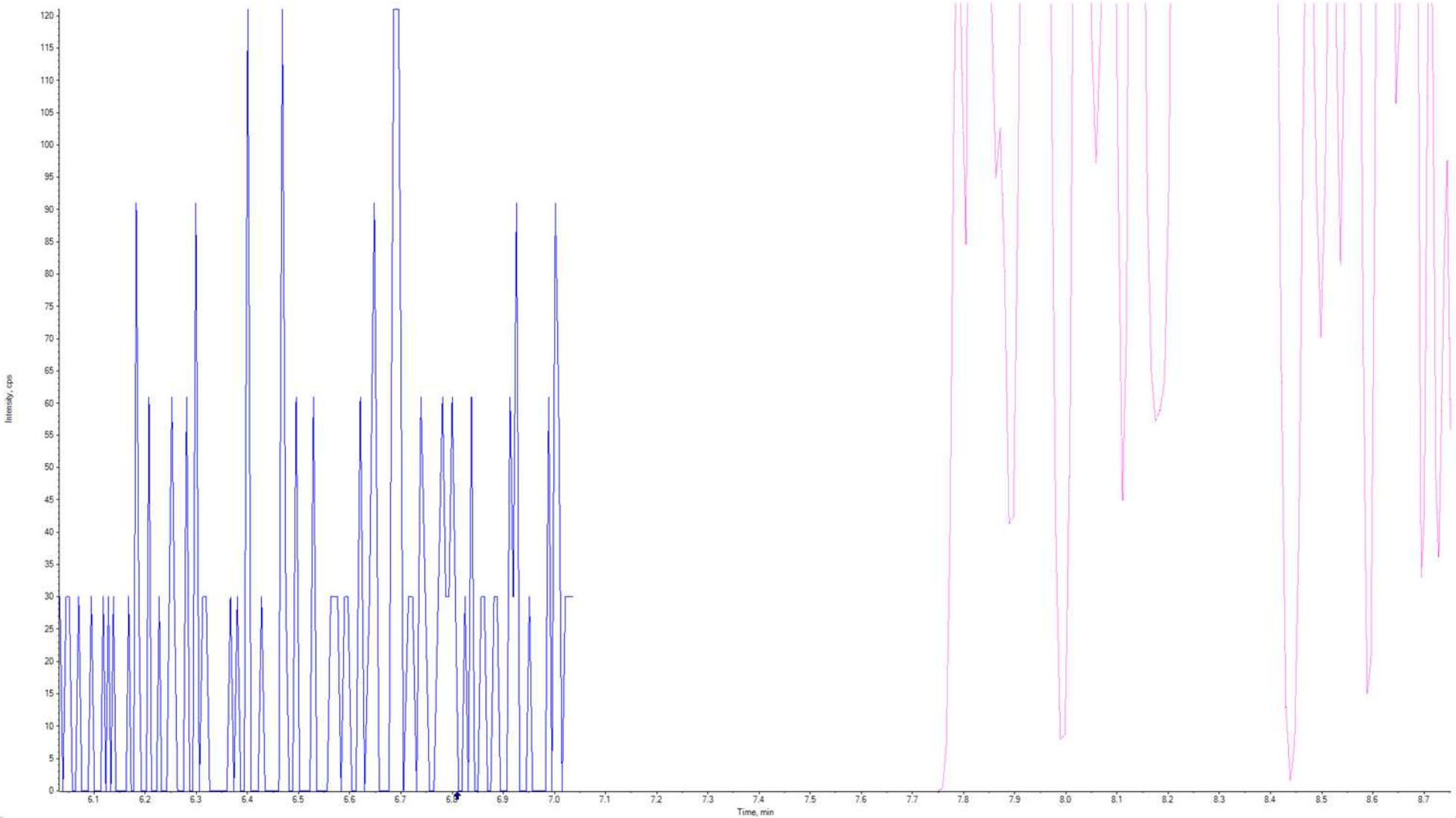
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

TDCA
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



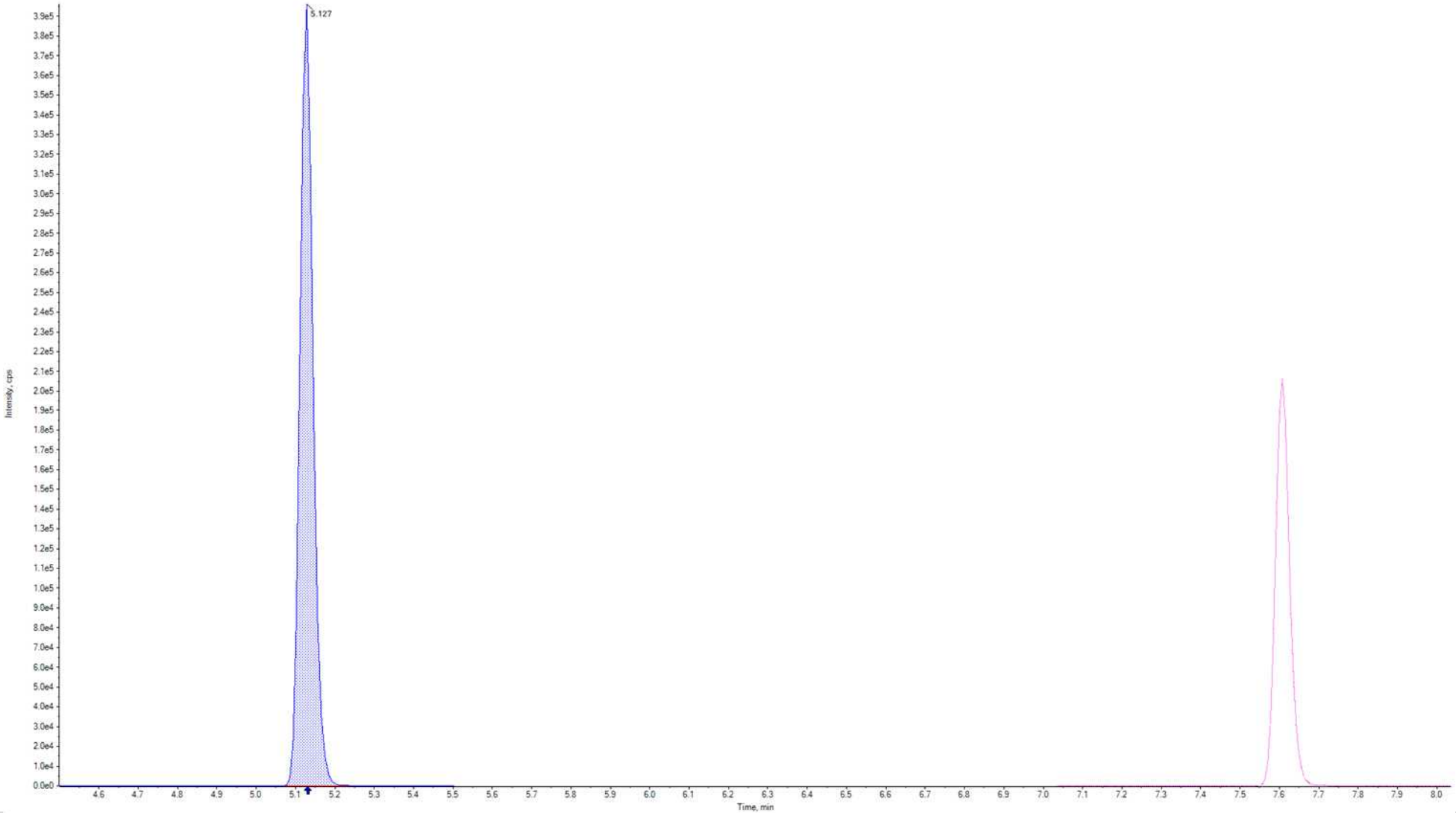
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

TDCA_2
Sample: WG1958909-3,INSTBLANK S/N:N/A Points Across peak:N/A



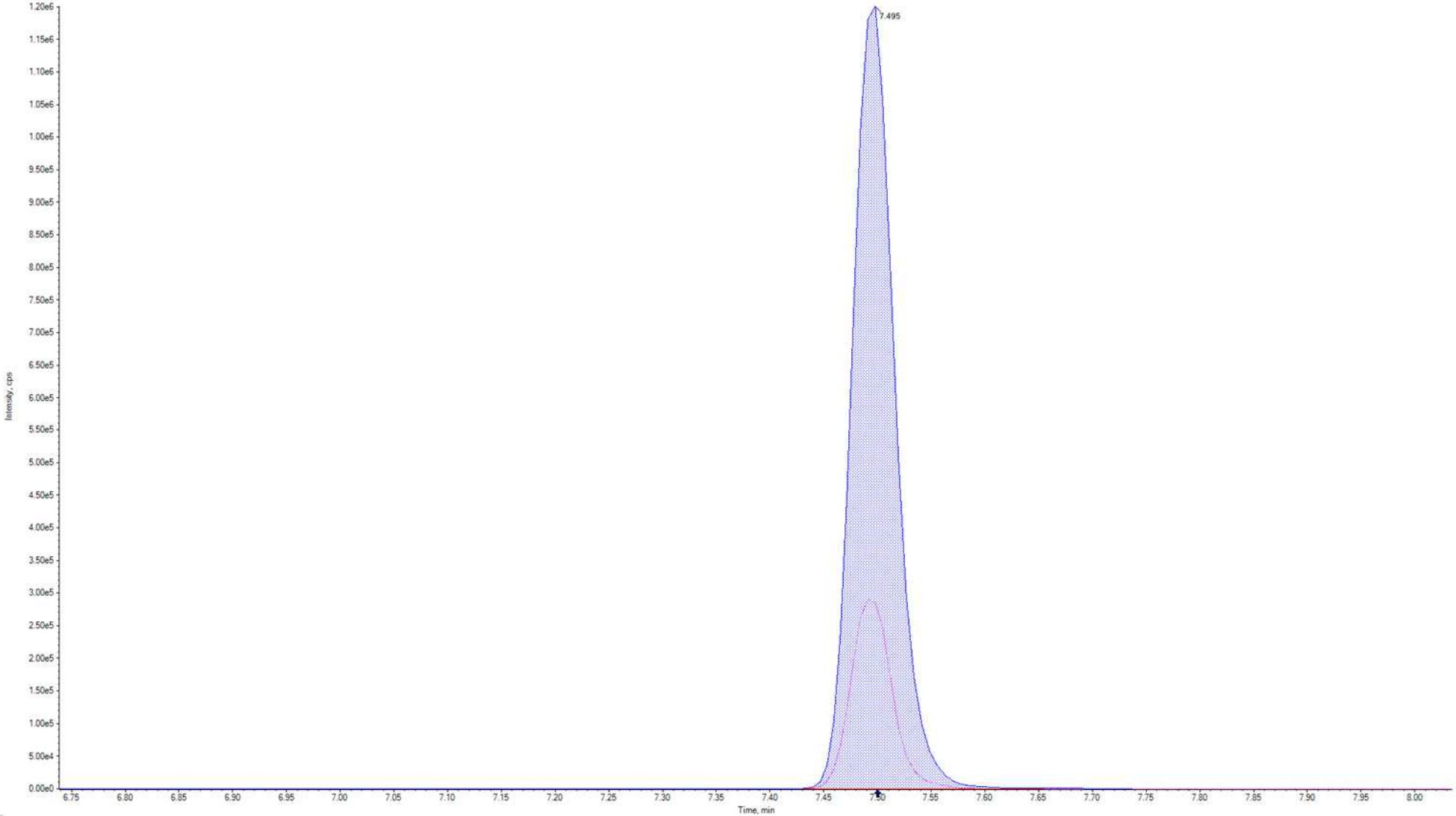
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C2D4-4:2FTS
Sample: WG1958909-3,INSTBLANK S/N:1371.1 Points Across peak:23

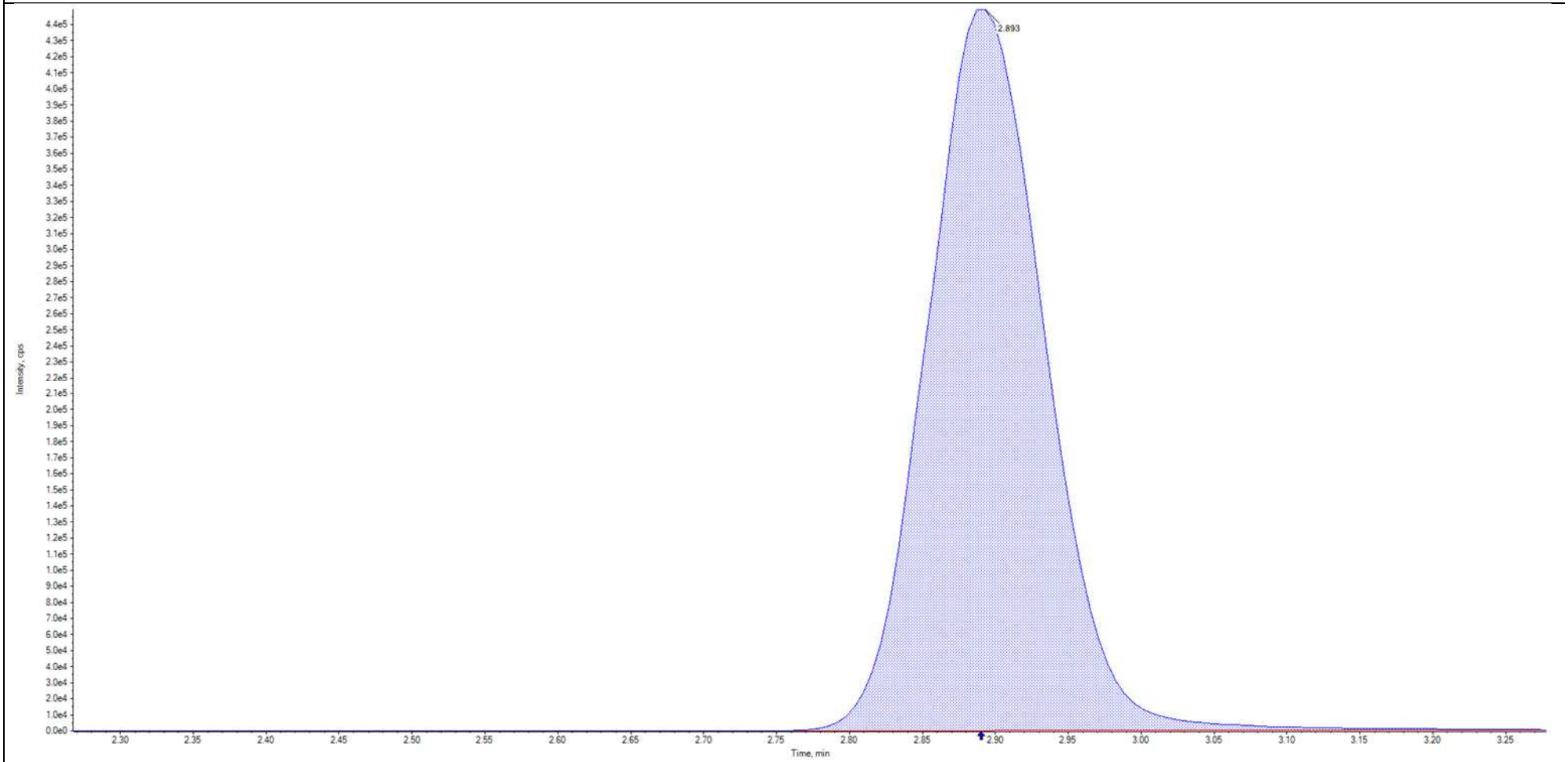


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C2-PFOA
Sample: WG1958909-3,INSTBLANK S/N:11189.5 Points Across peak:37

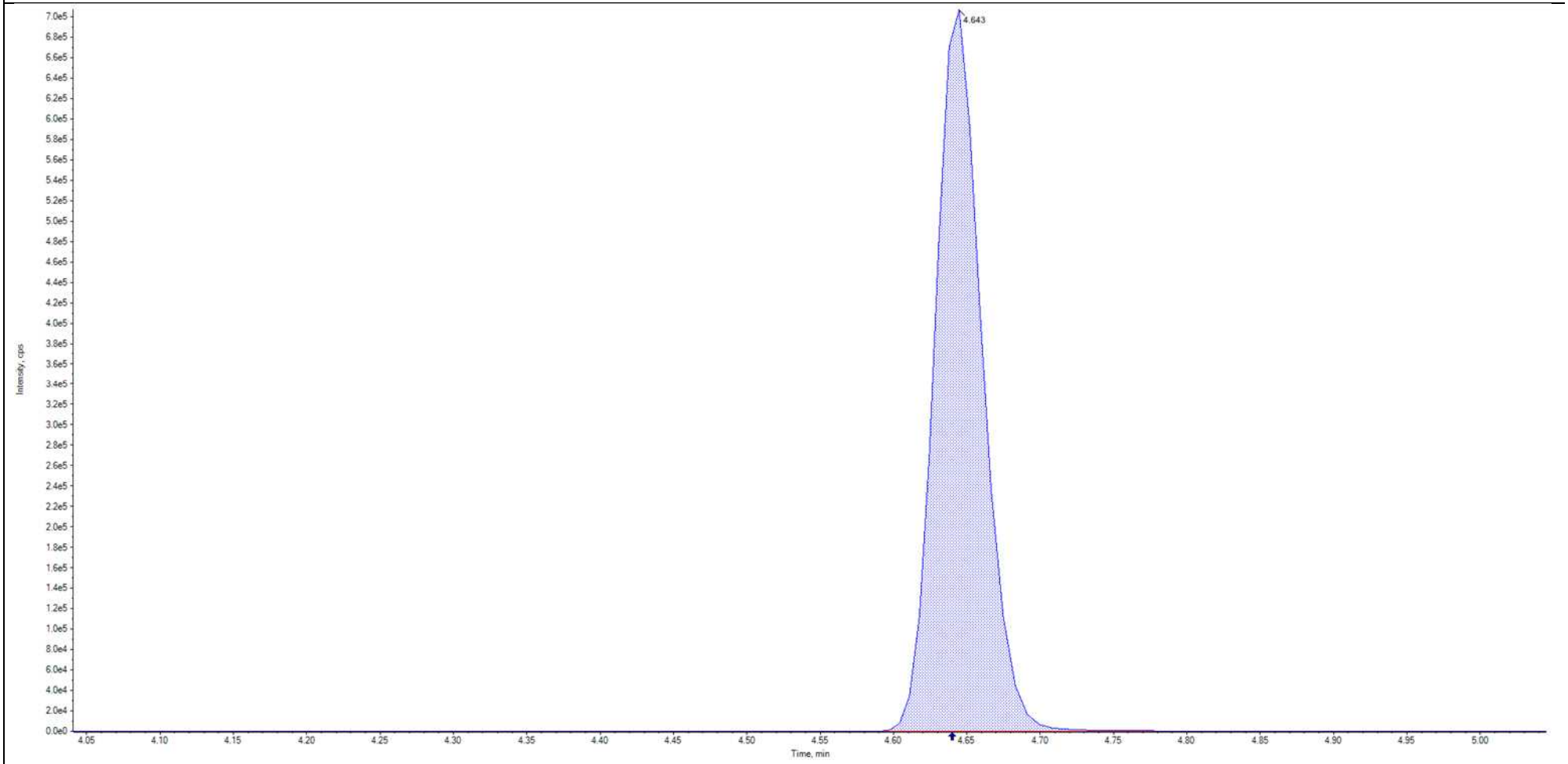


13C4-PFBA
Sample: WG1958909-3,INSTBLANK

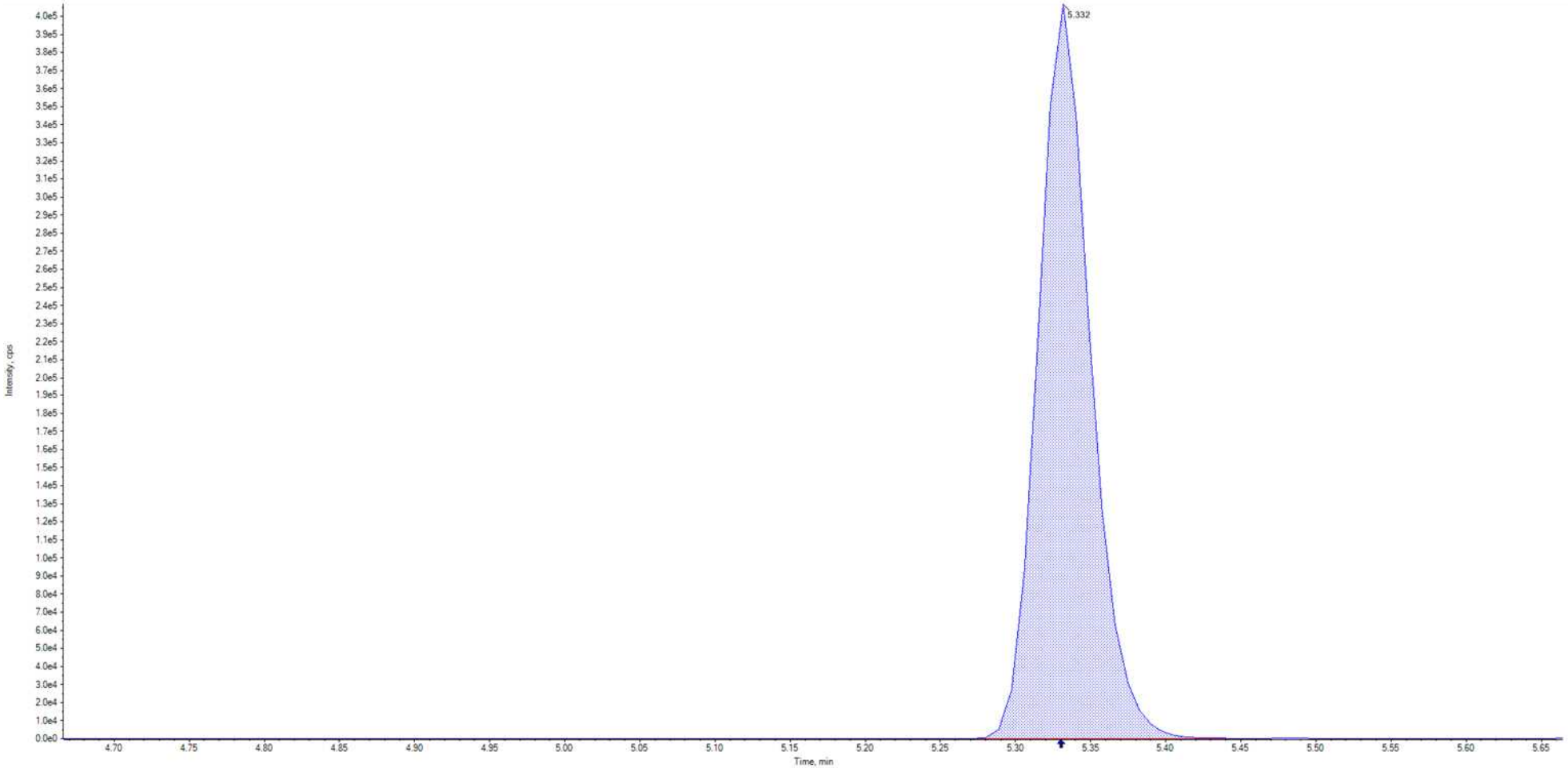


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

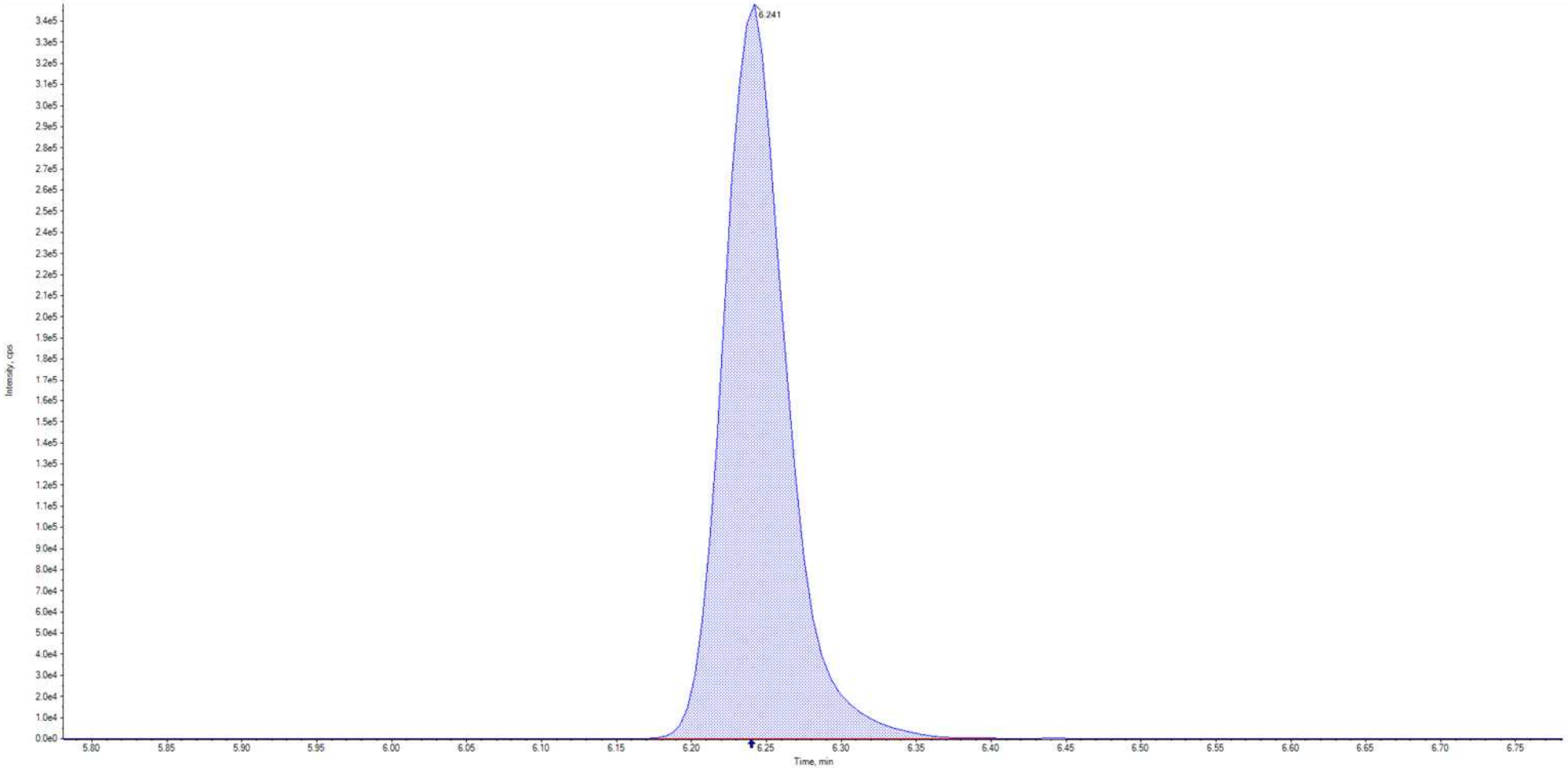
13C5-PFPeA
Sample: WG1958909-3,INSTBLANK



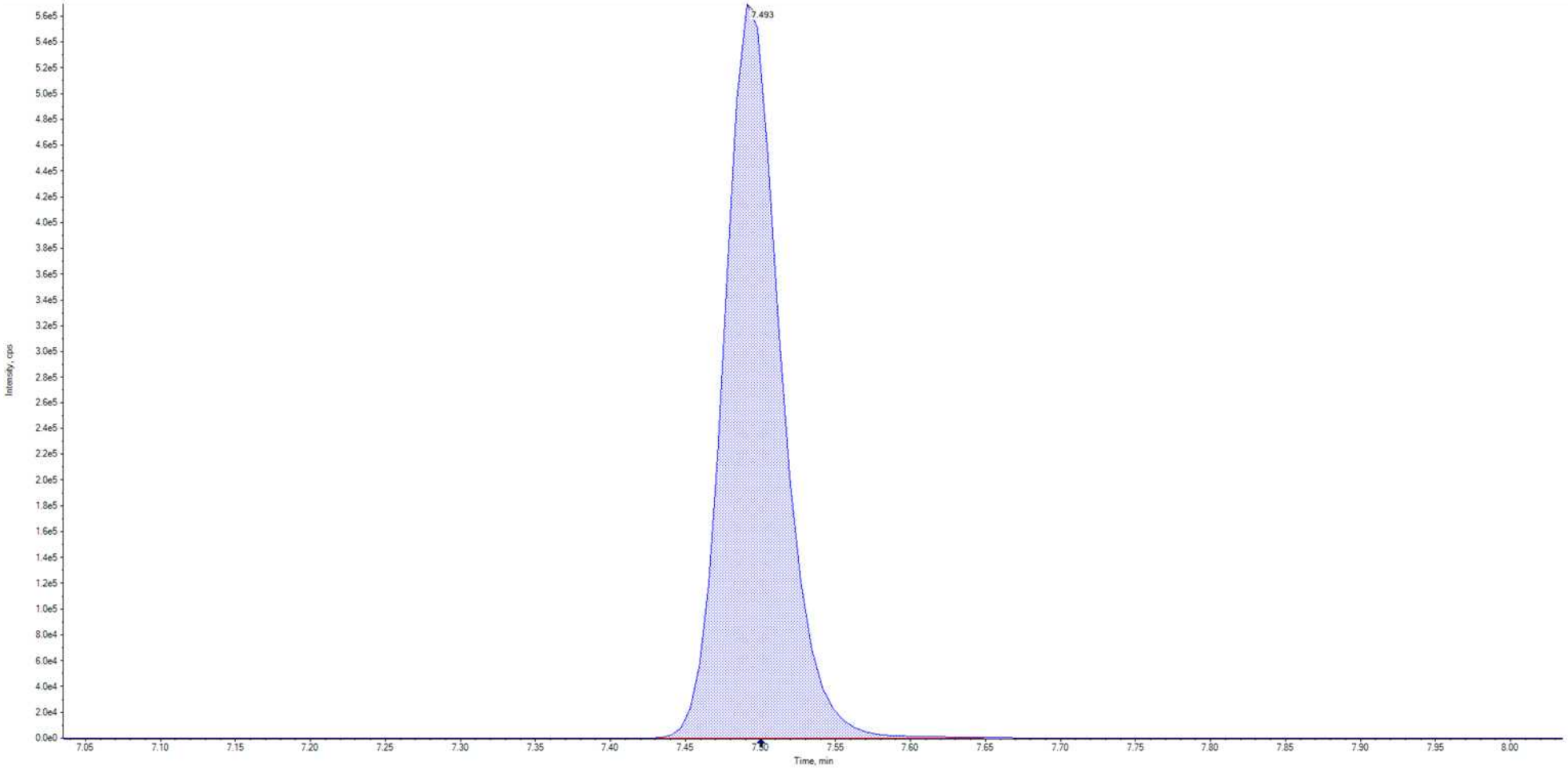
13C5-PFHxA
Sample: WG1958909-3,INSTBLANK



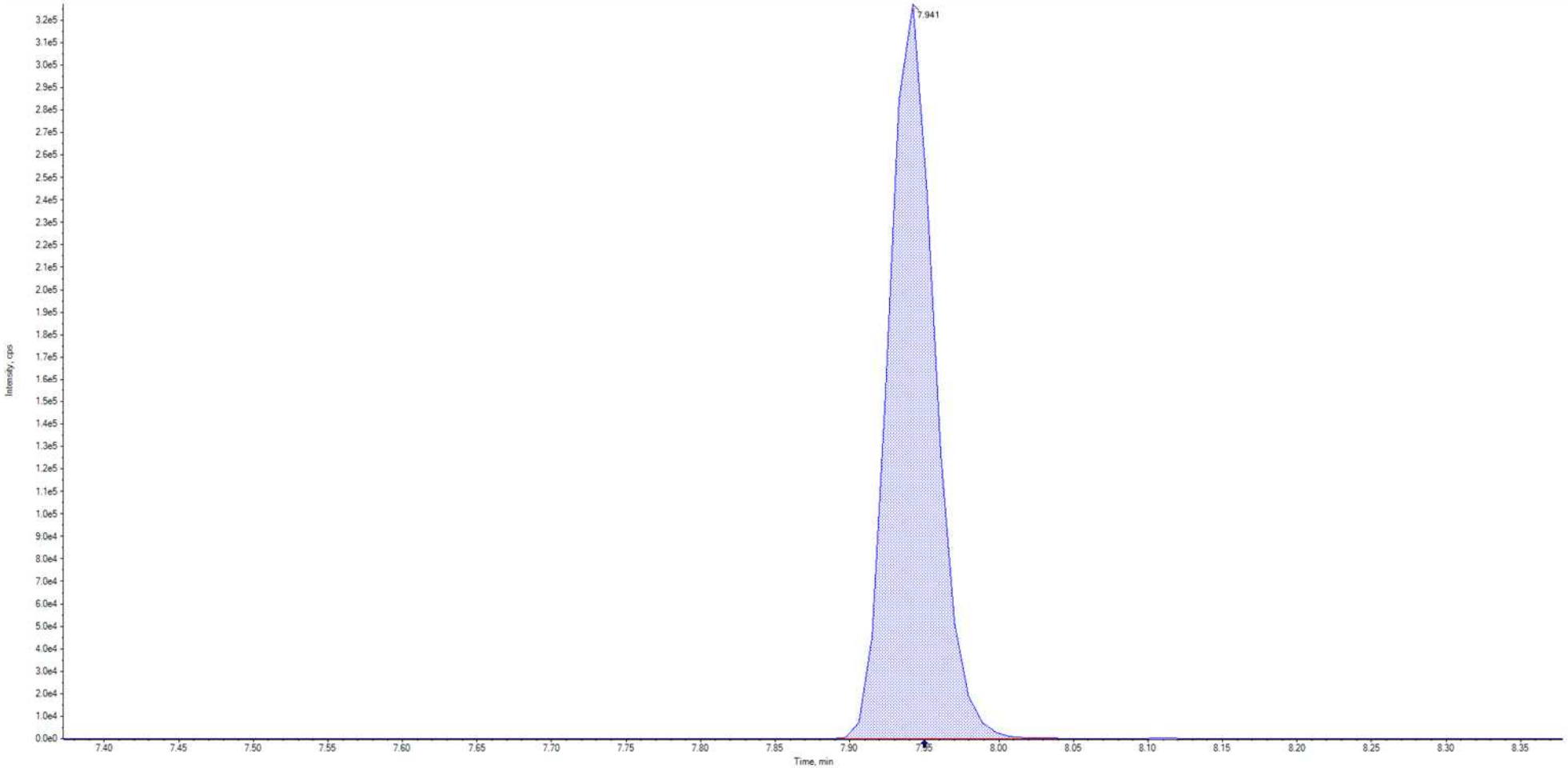
13C4-PFHpA
Sample: WG1958909-3,INSTBLANK



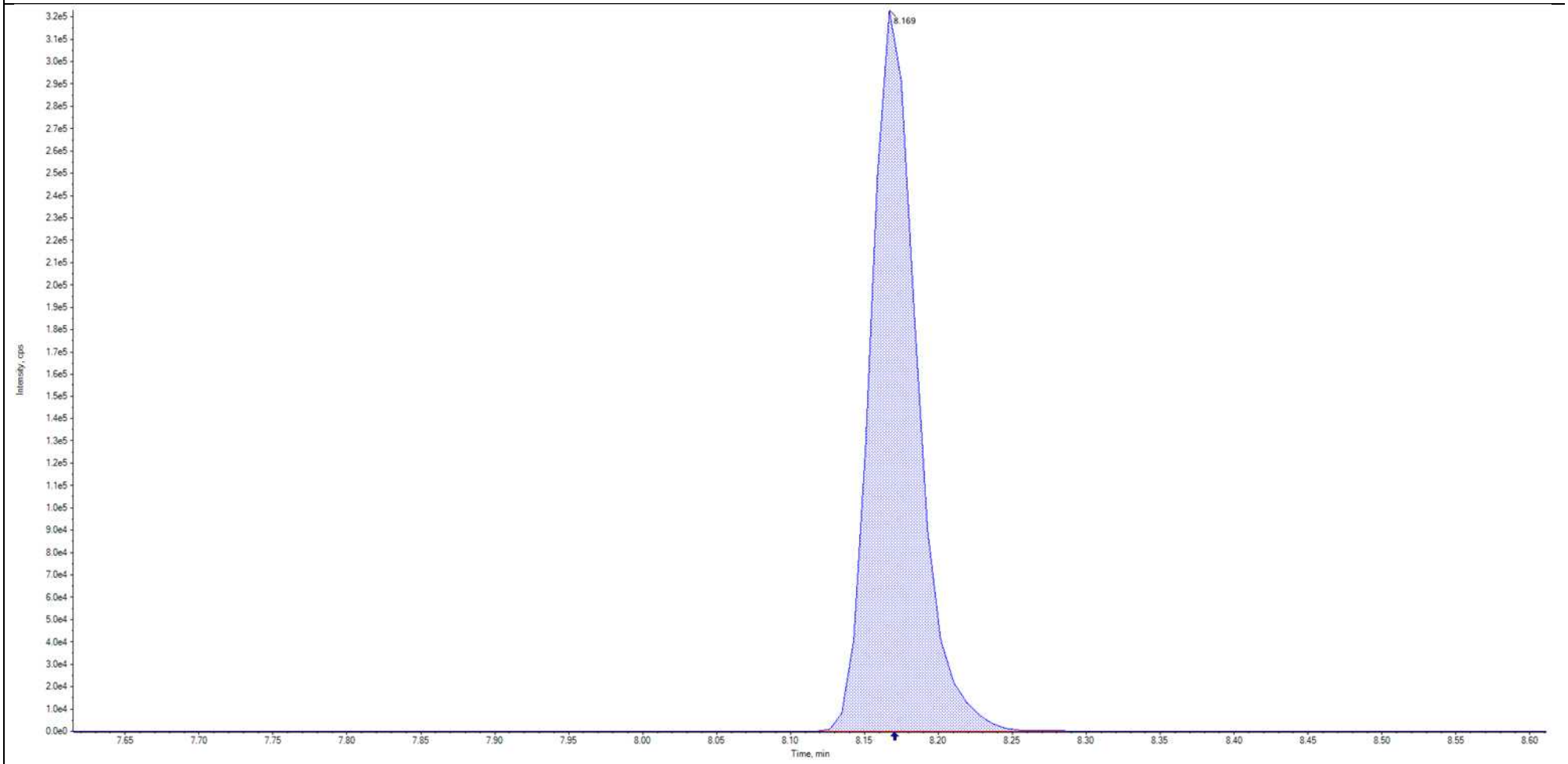
13C8-PFOA
Sample: WG1958909-3,INSTBLANK



13C9-PFNA
Sample: WG1958909-3,INSTBLANK

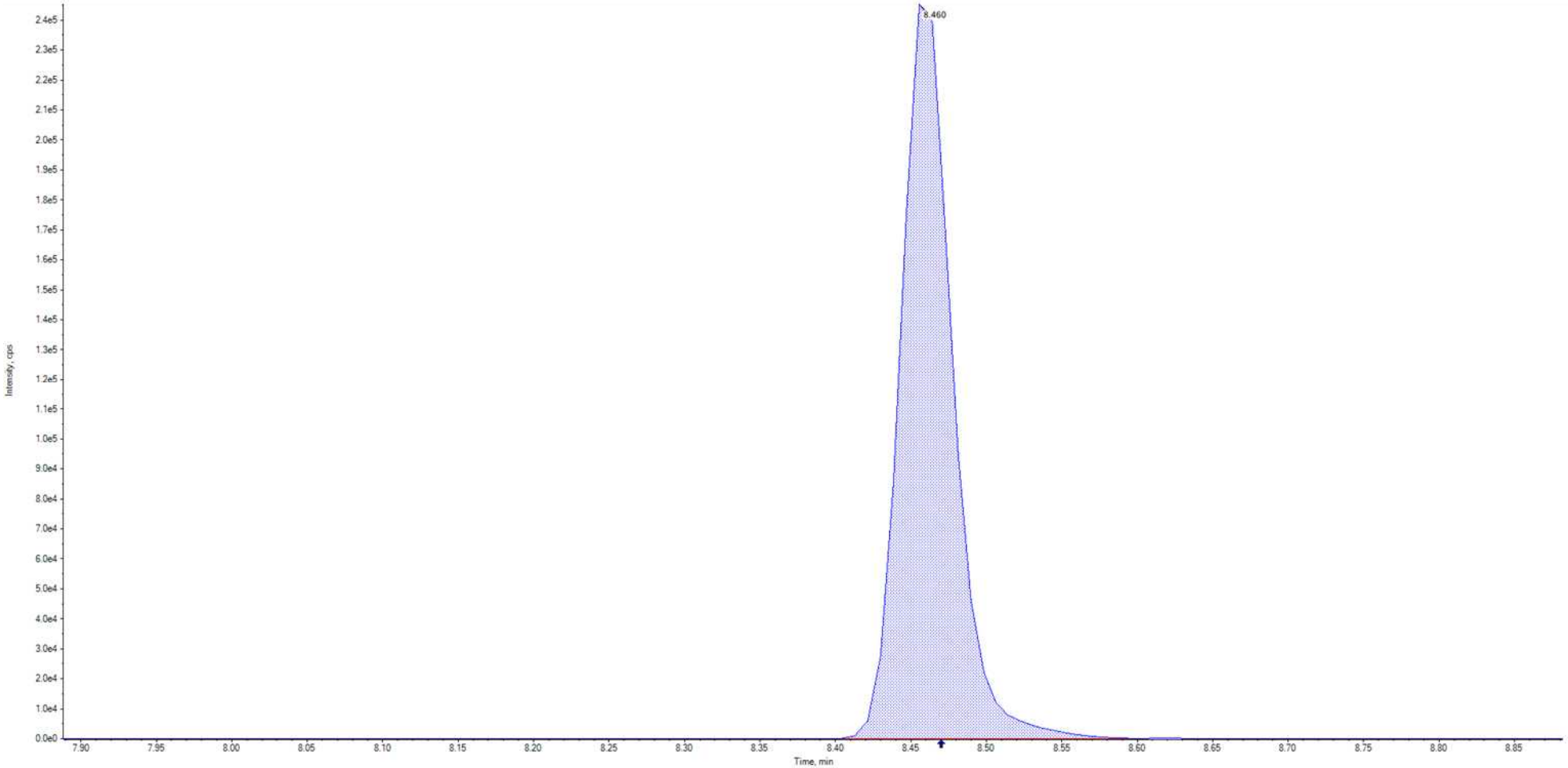


13C6-PFDA
Sample: WG1958909-3,INSTBLANK



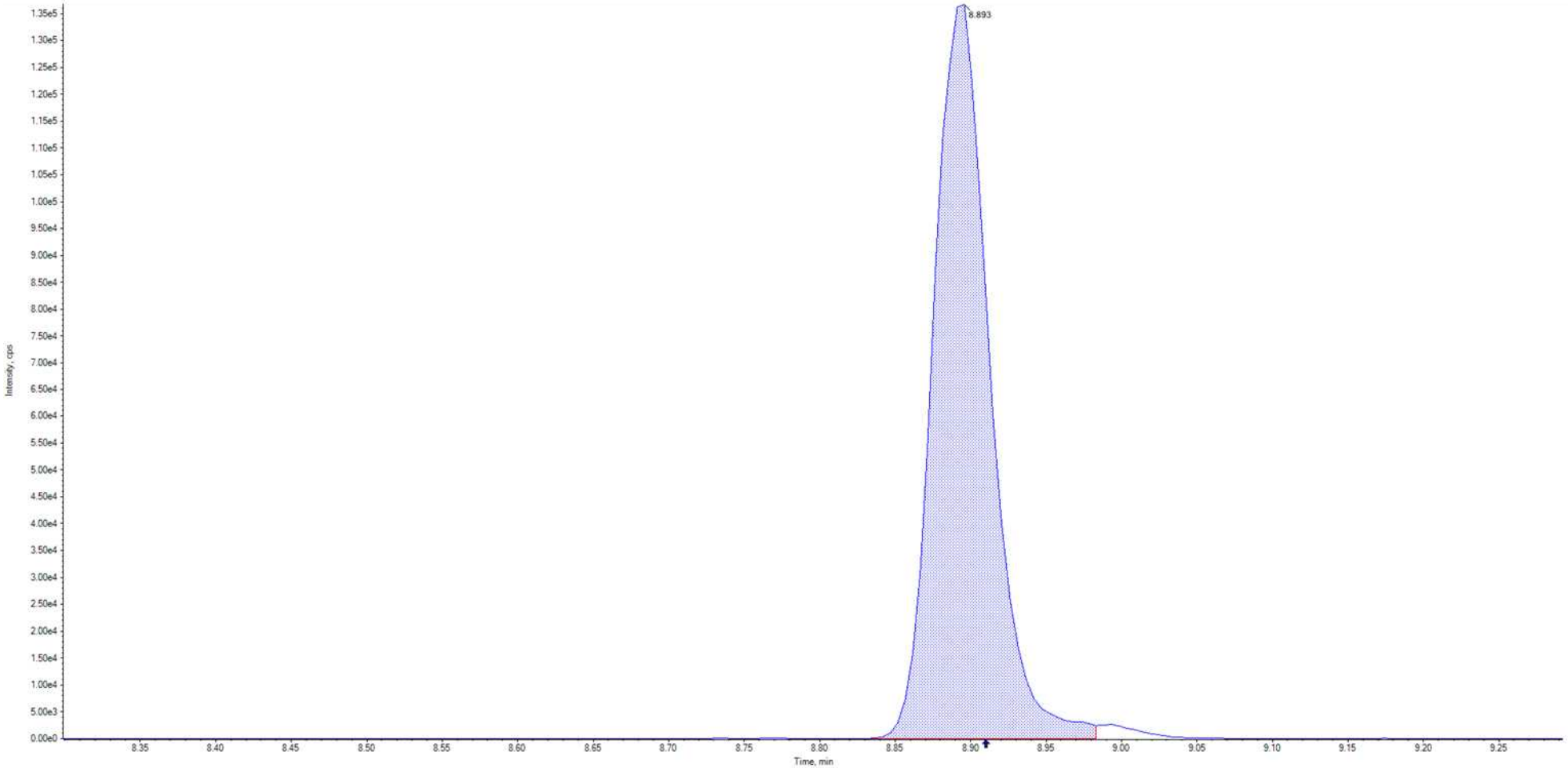
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C7-PFUnA
Sample: WG1958909-3,INSTBLANK



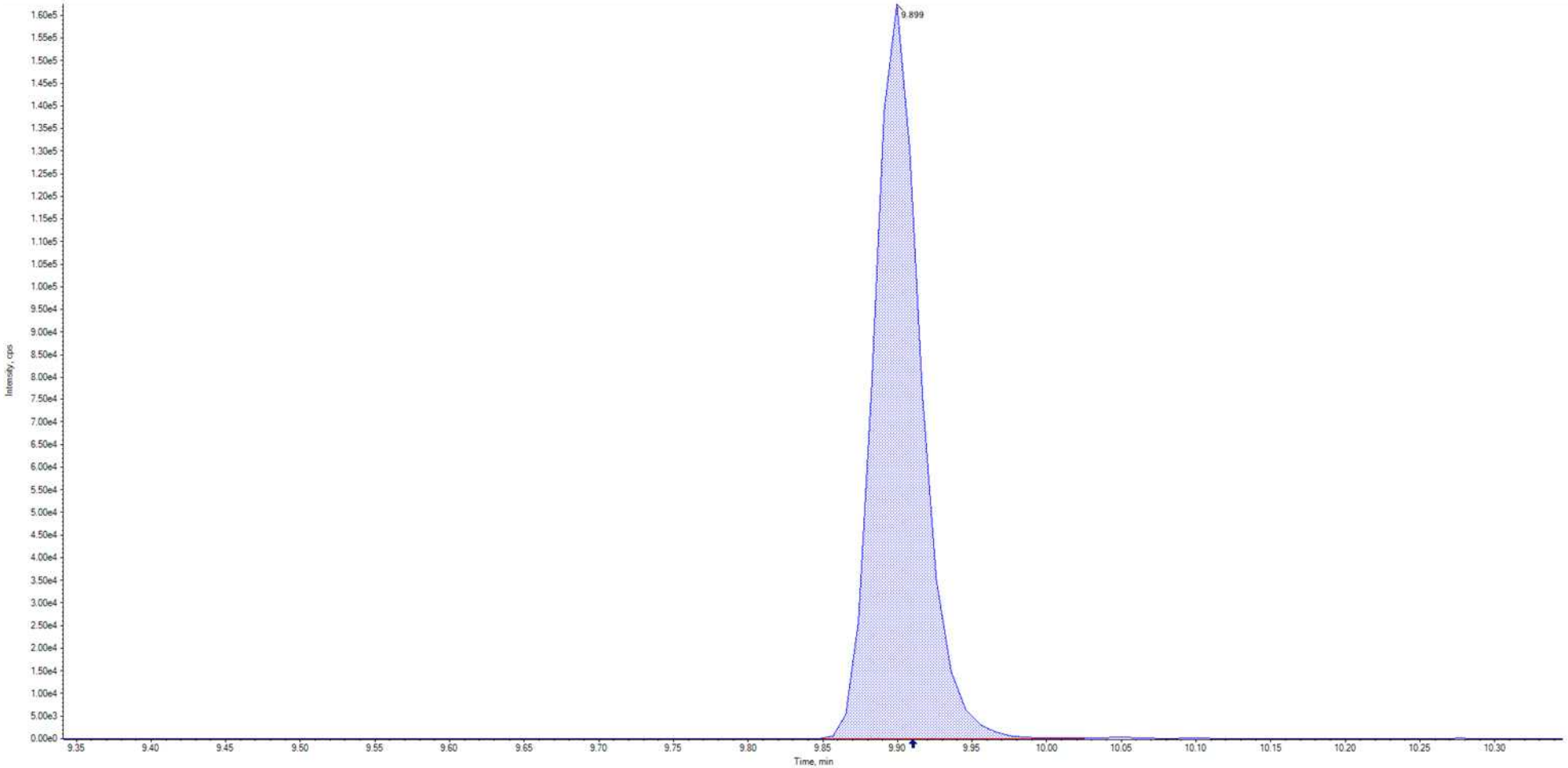
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C2-PFDoA
Sample: WG1958909-3,INSTBLANK



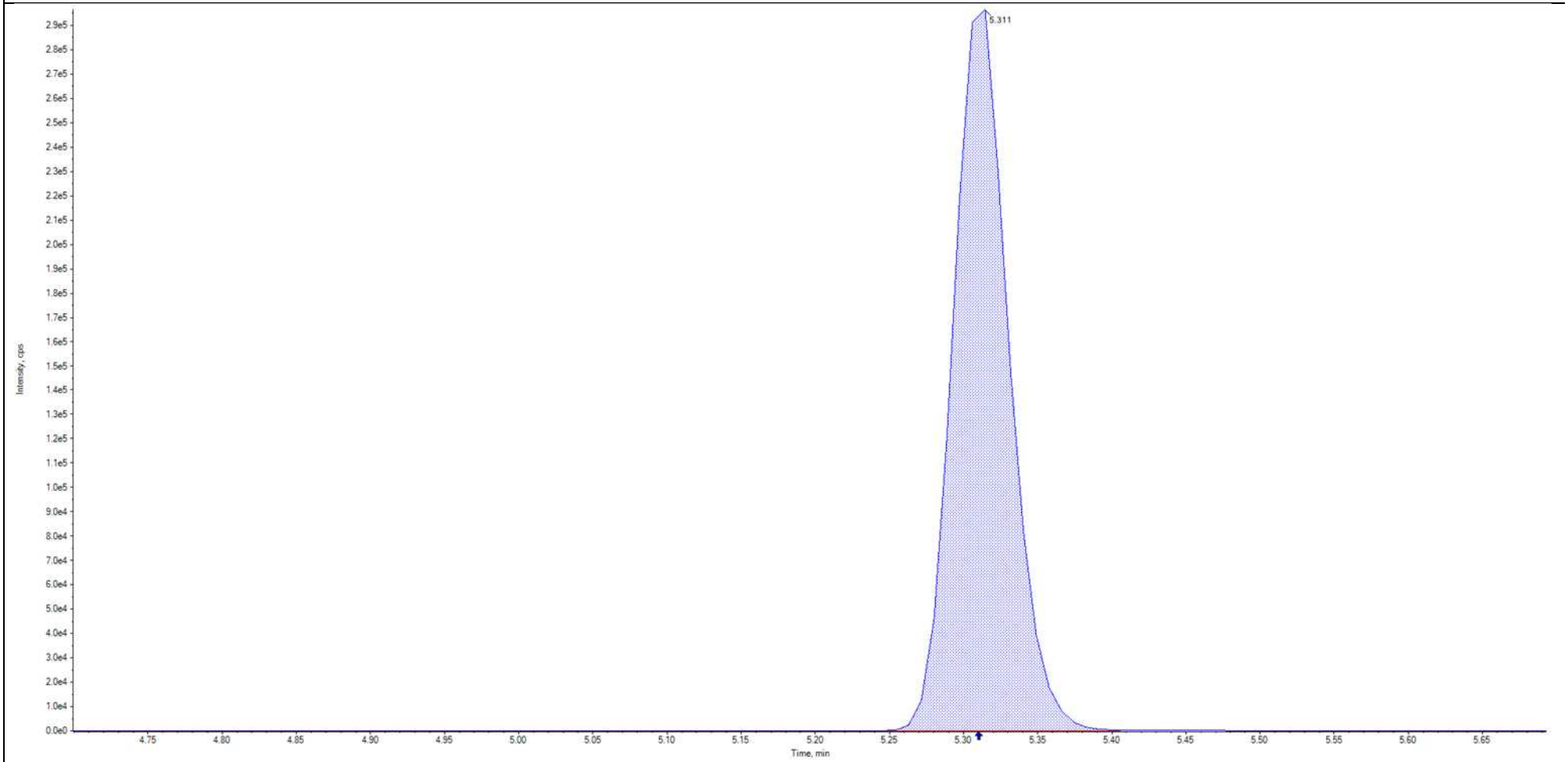
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
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Generated: 8/14/2024 9:40:32 AM

13C2-PFTeDA
Sample: WG1958909-3,INSTBLANK



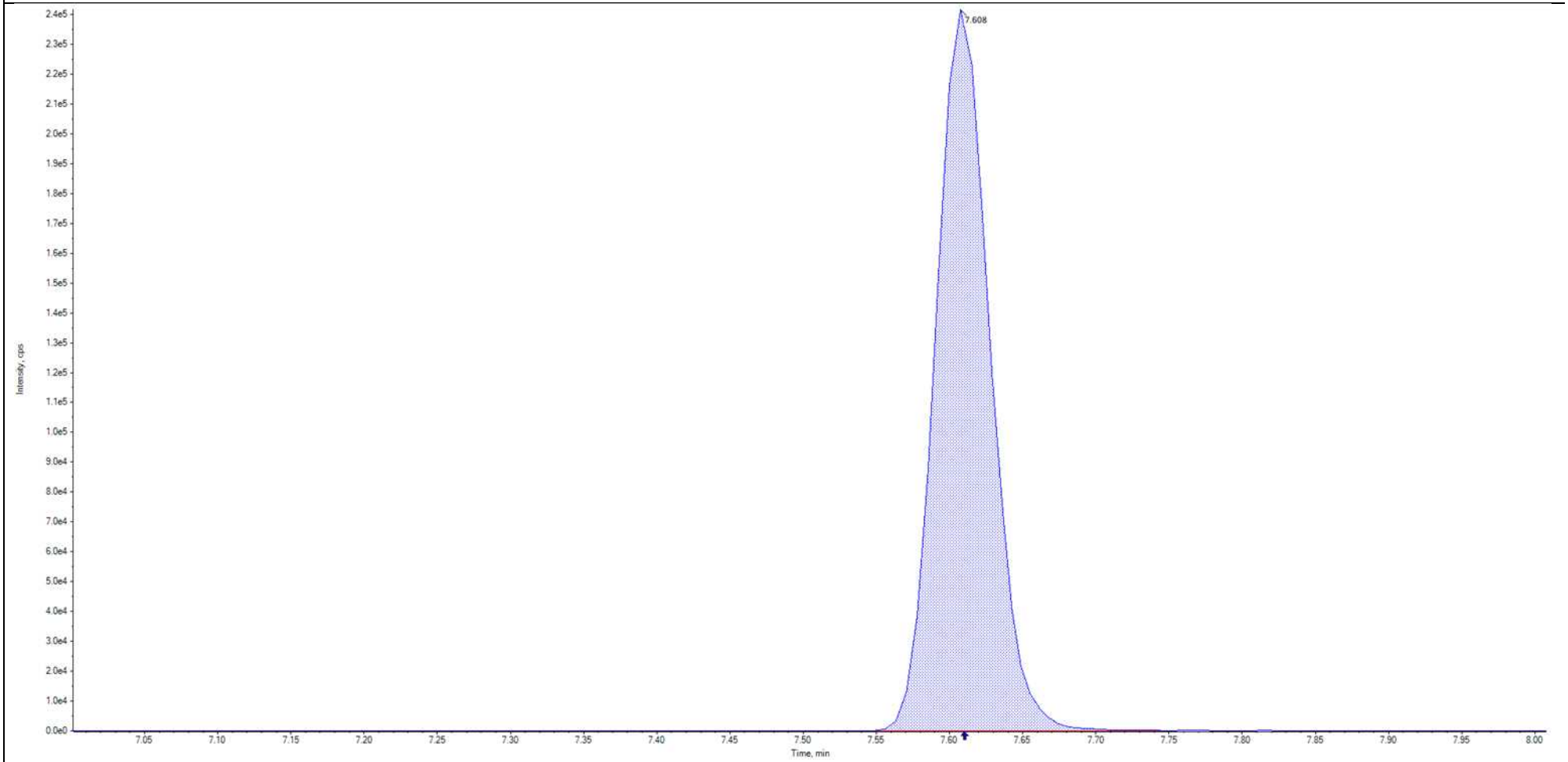
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C3-PFBS
Sample: WG1958909-3,INSTBLANK

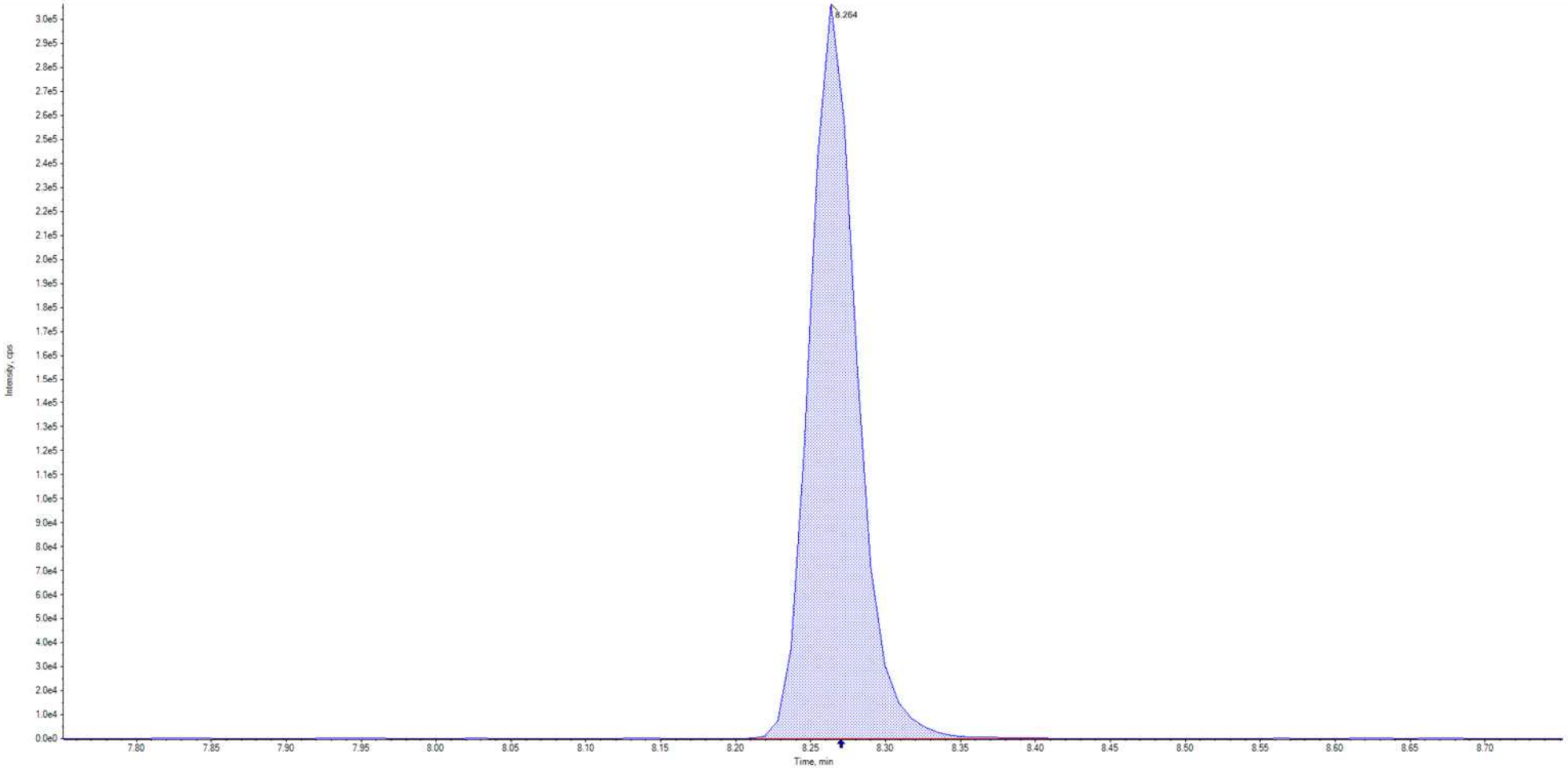


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C3-PFHxS
Sample: WG1958909-3,INSTBLANK

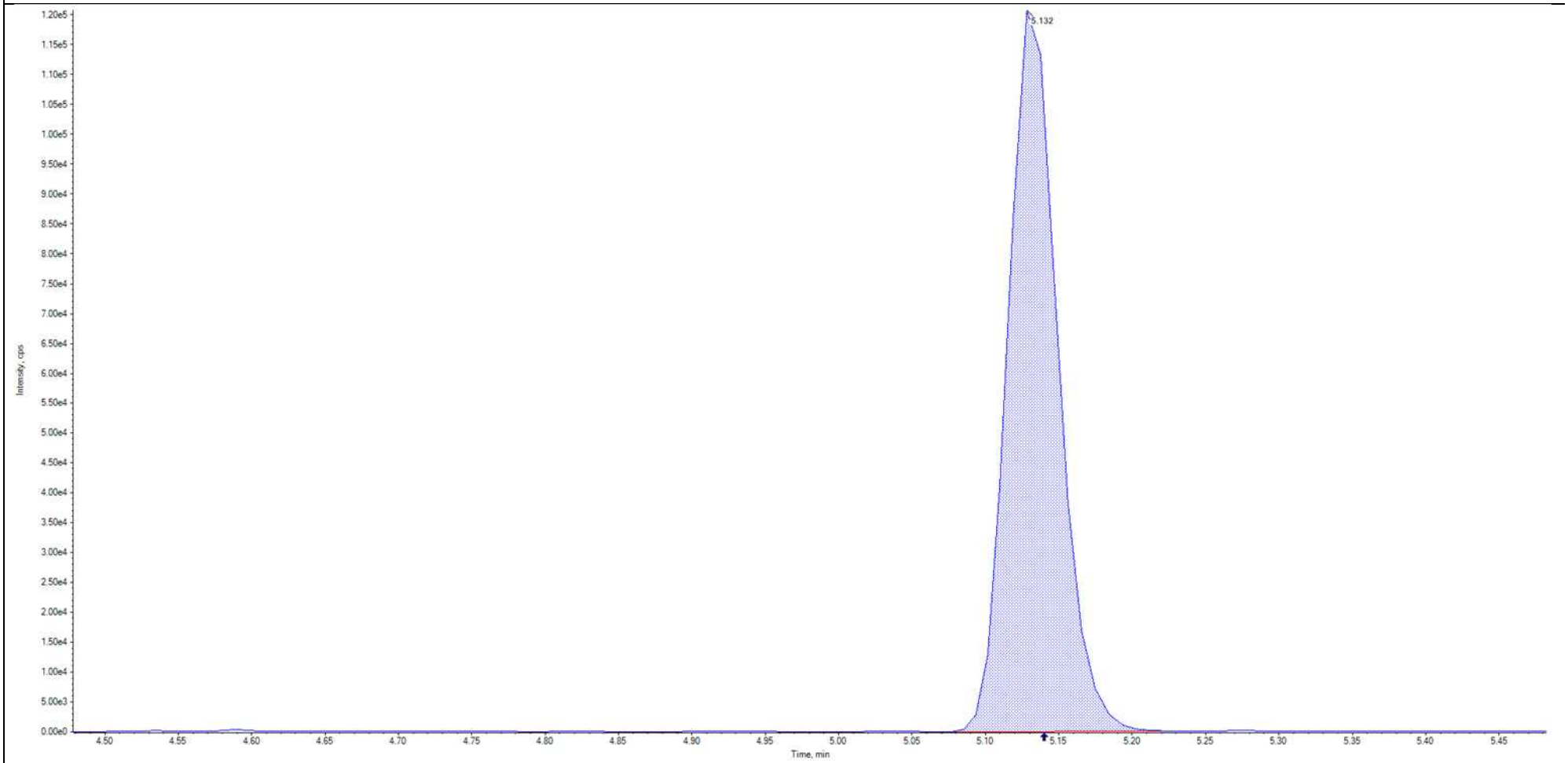


13C8-PFOS
Sample: WG1958909-3,INSTBLANK

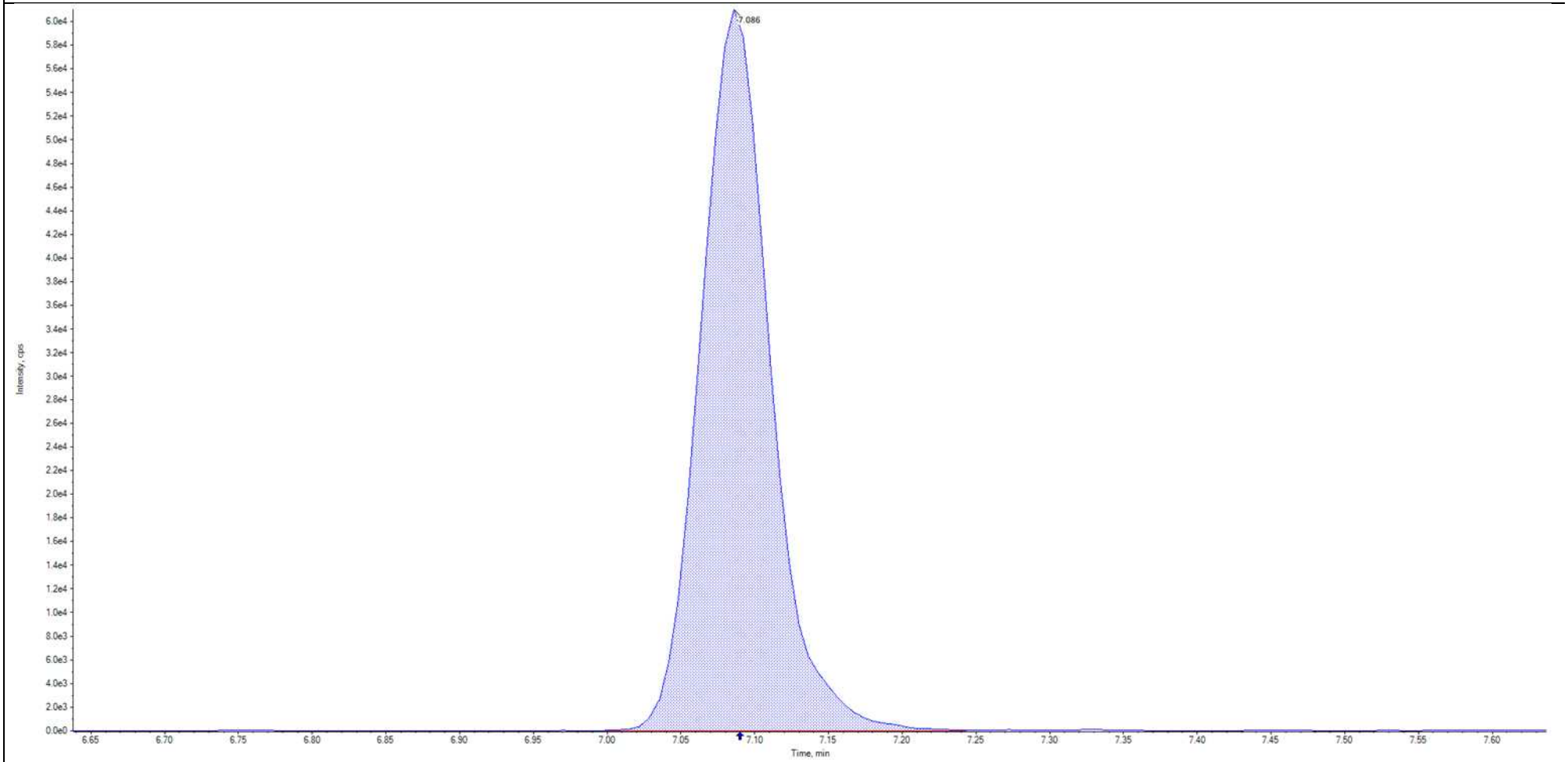


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C2-4:2FTS
Sample: WG1958909-3,INSTBLANK

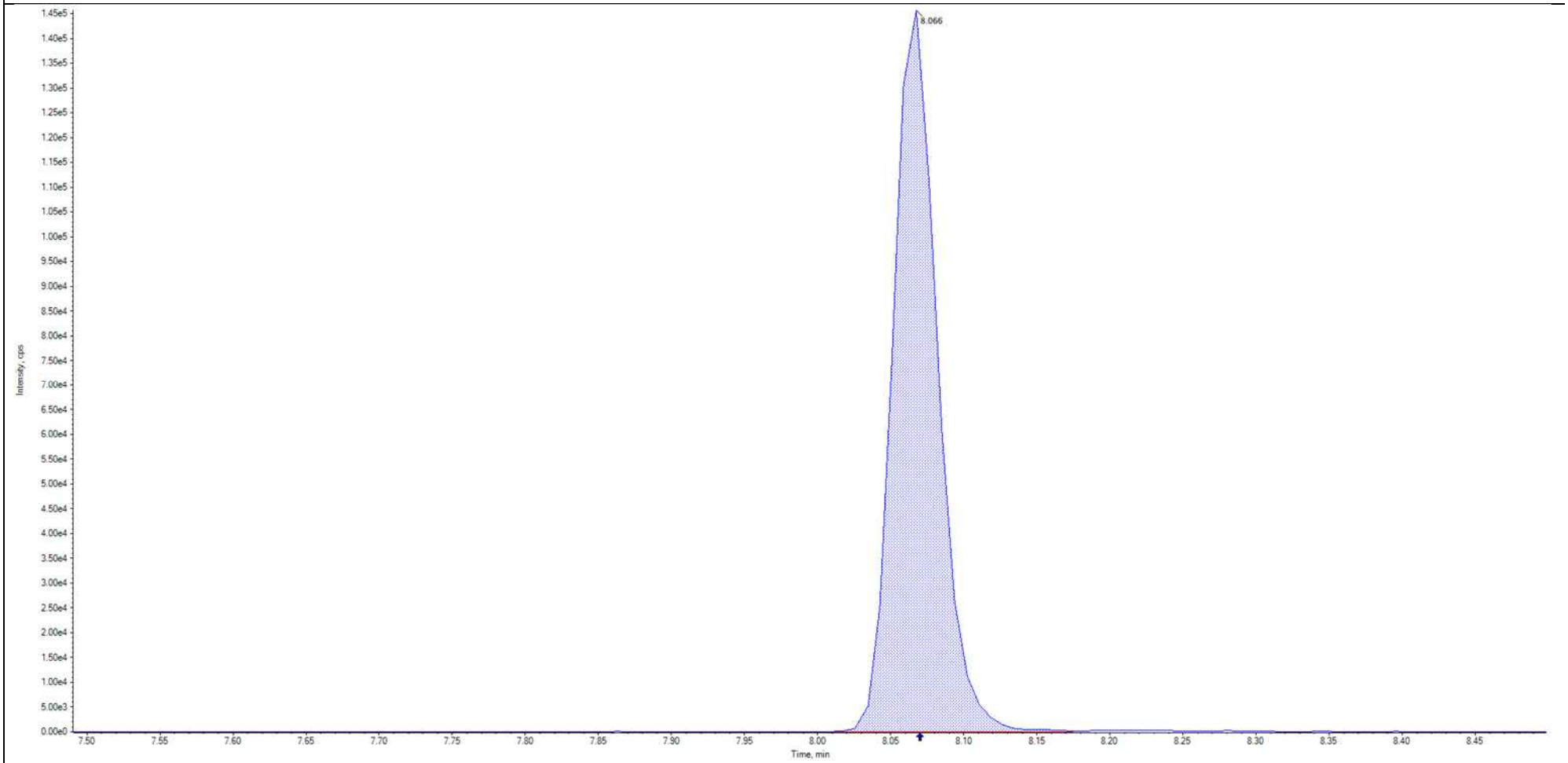


13C2-6:2FTS
Sample: WG1958909-3,INSTBLANK

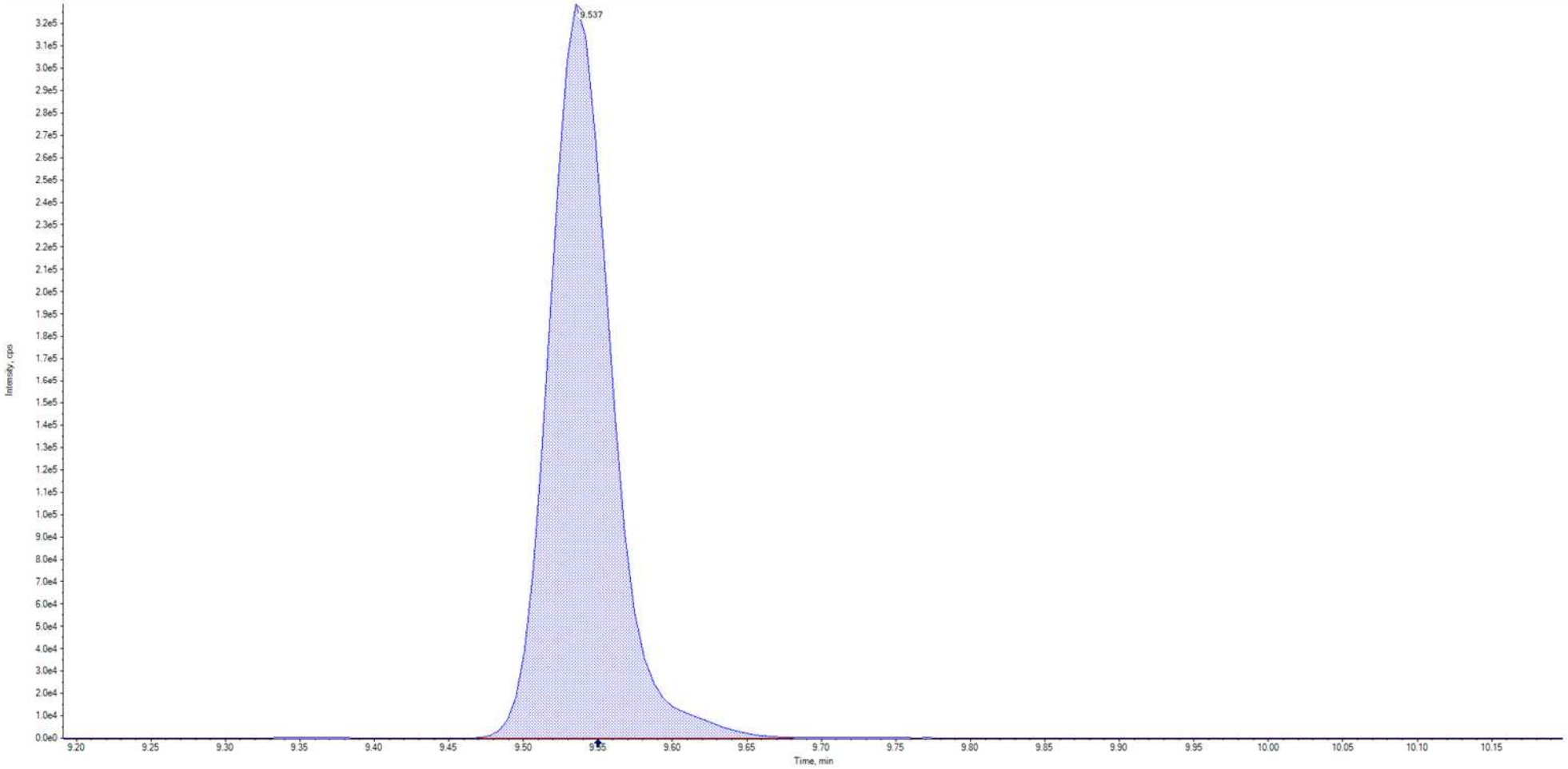


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

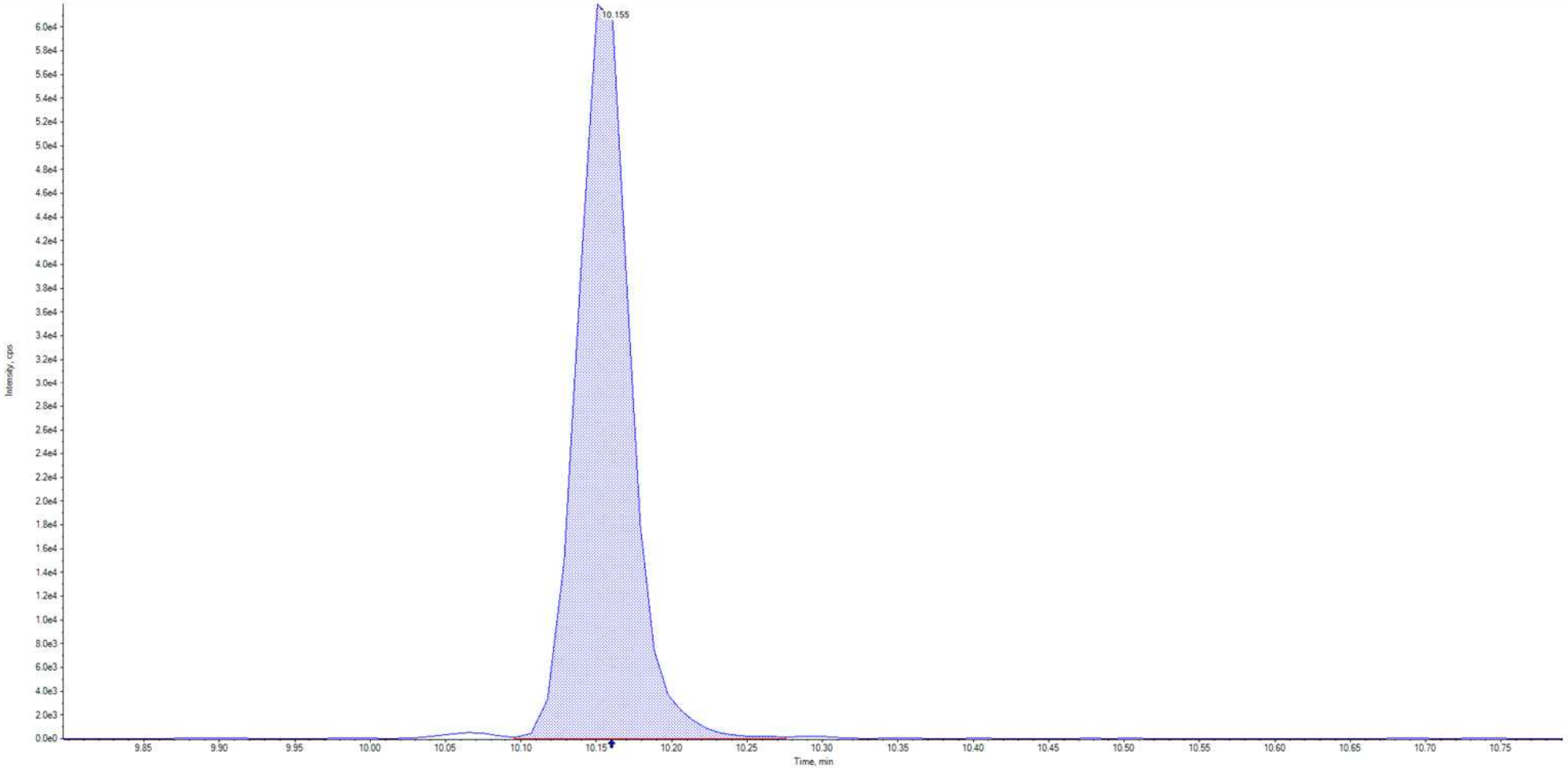
13C2-8:2FTS
Sample: WG1958909-3,INSTBLANK



13C8-PFOSA
Sample: WG1958909-3,INSTBLANK

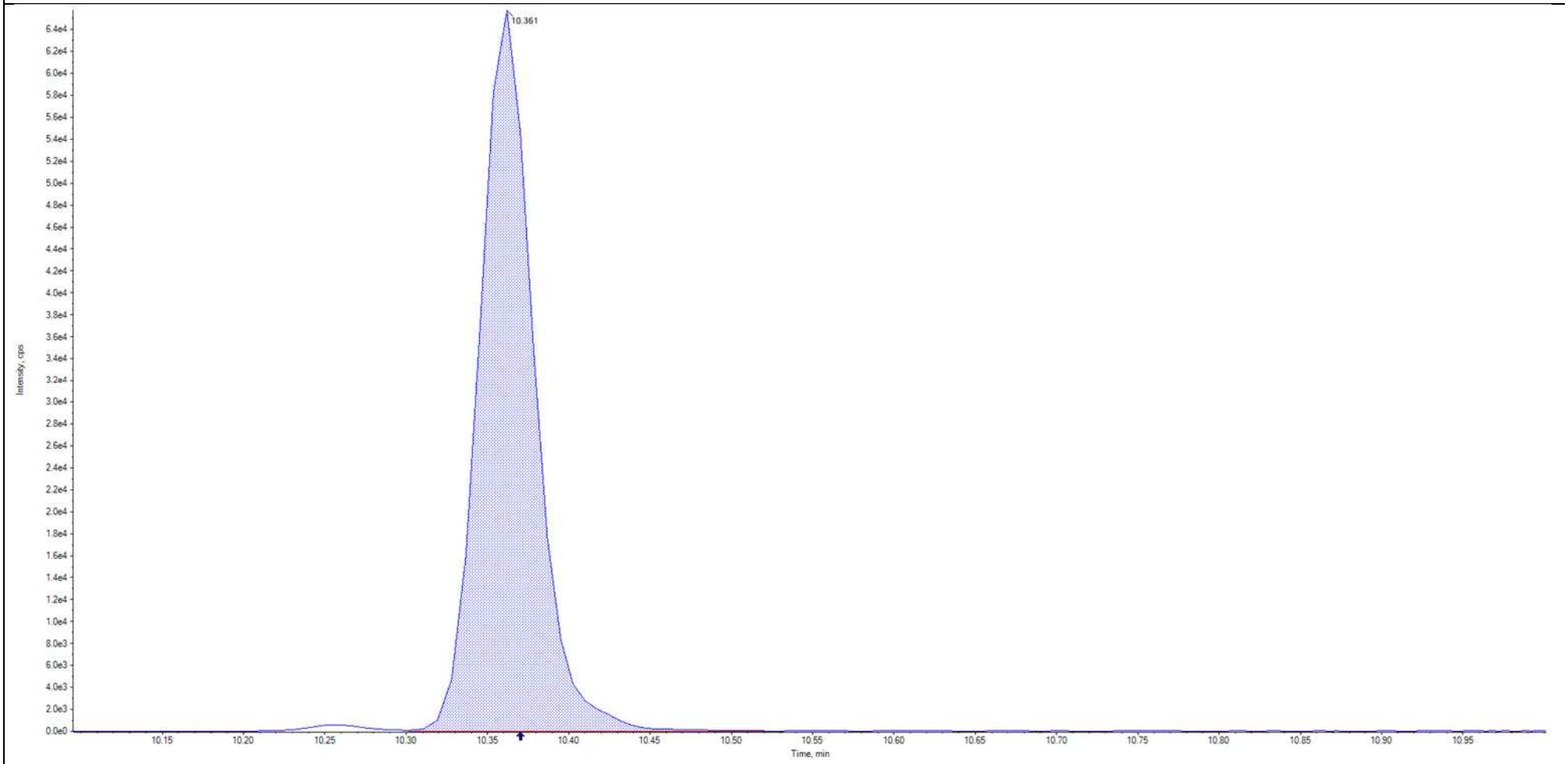


d3-NMeFOSA
Sample: WG1958909-3,INSTBLANK

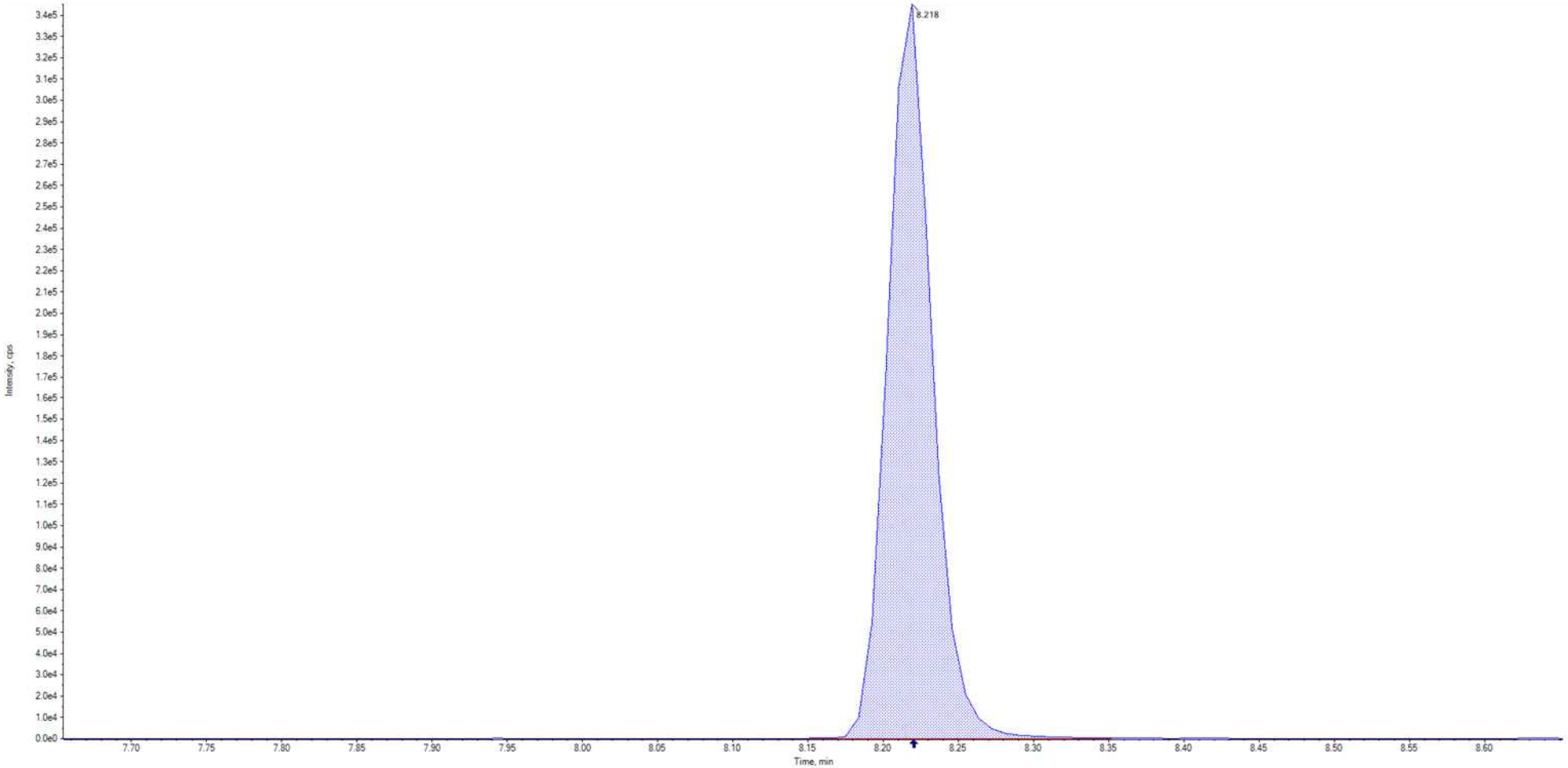


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

d5-NEtFOSA
Sample: WG1958909-3,INSTBLANK

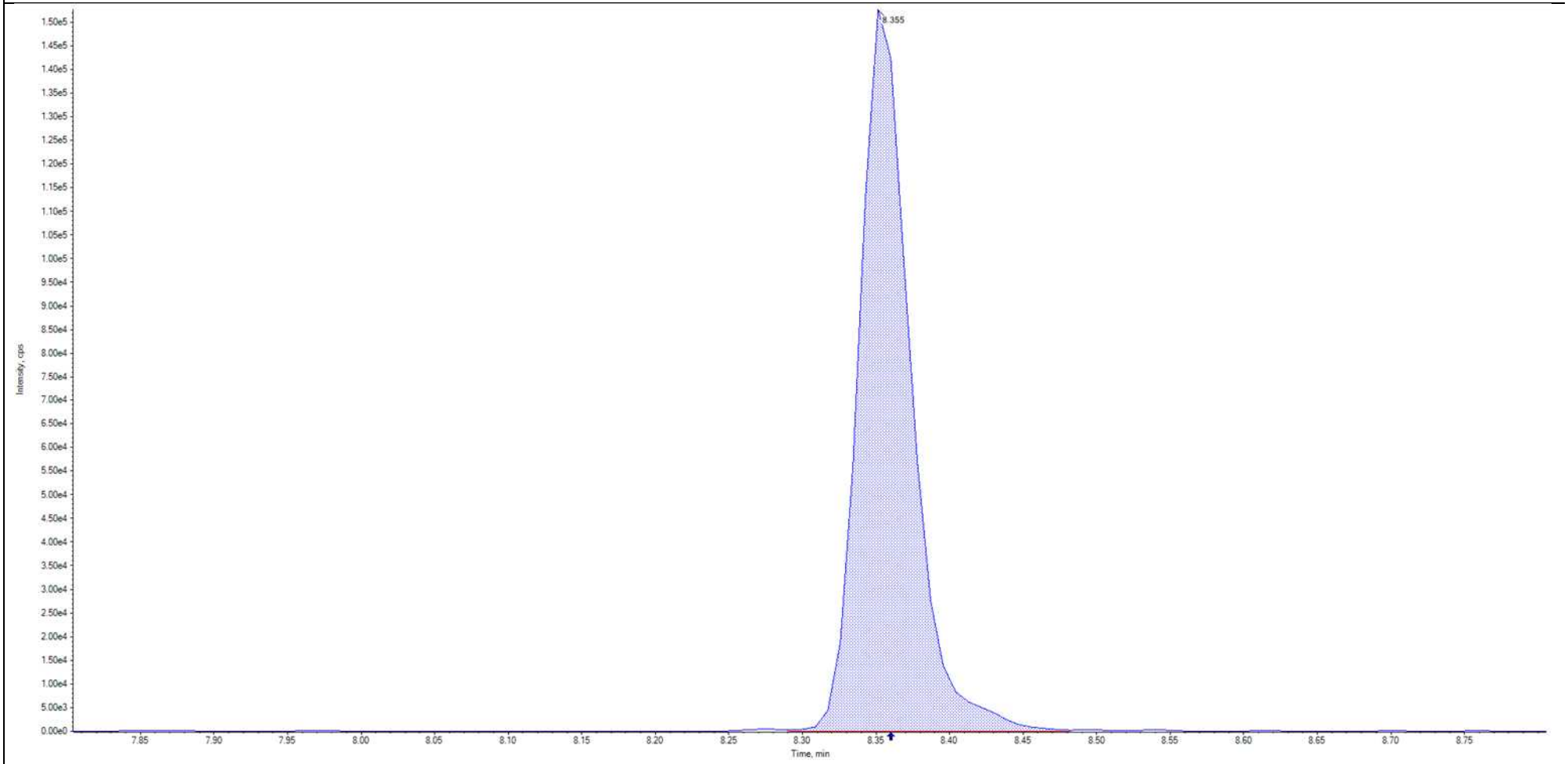


d3-NMeFOSAA
Sample: WG1958909-3,INSTBLANK

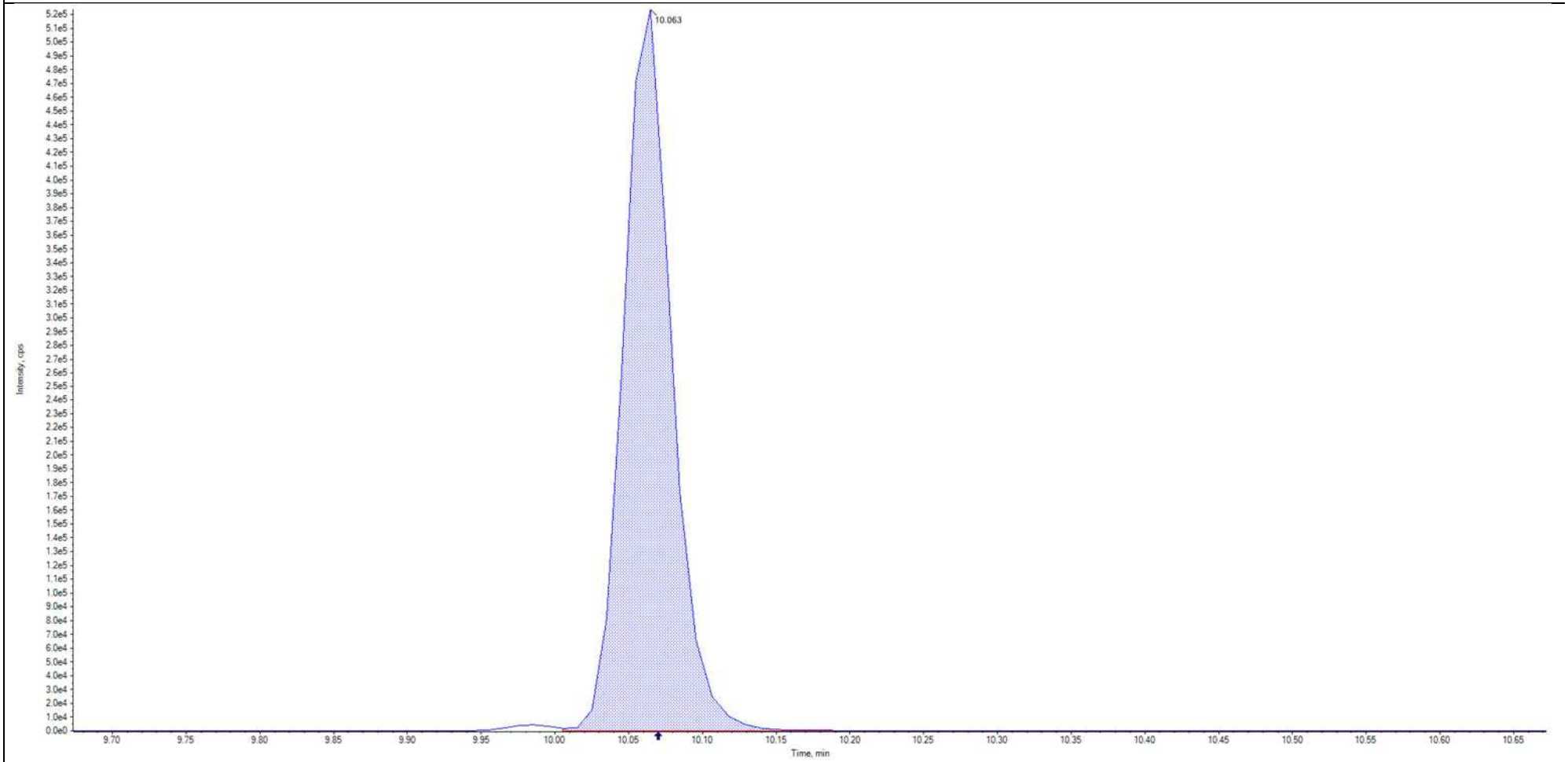


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

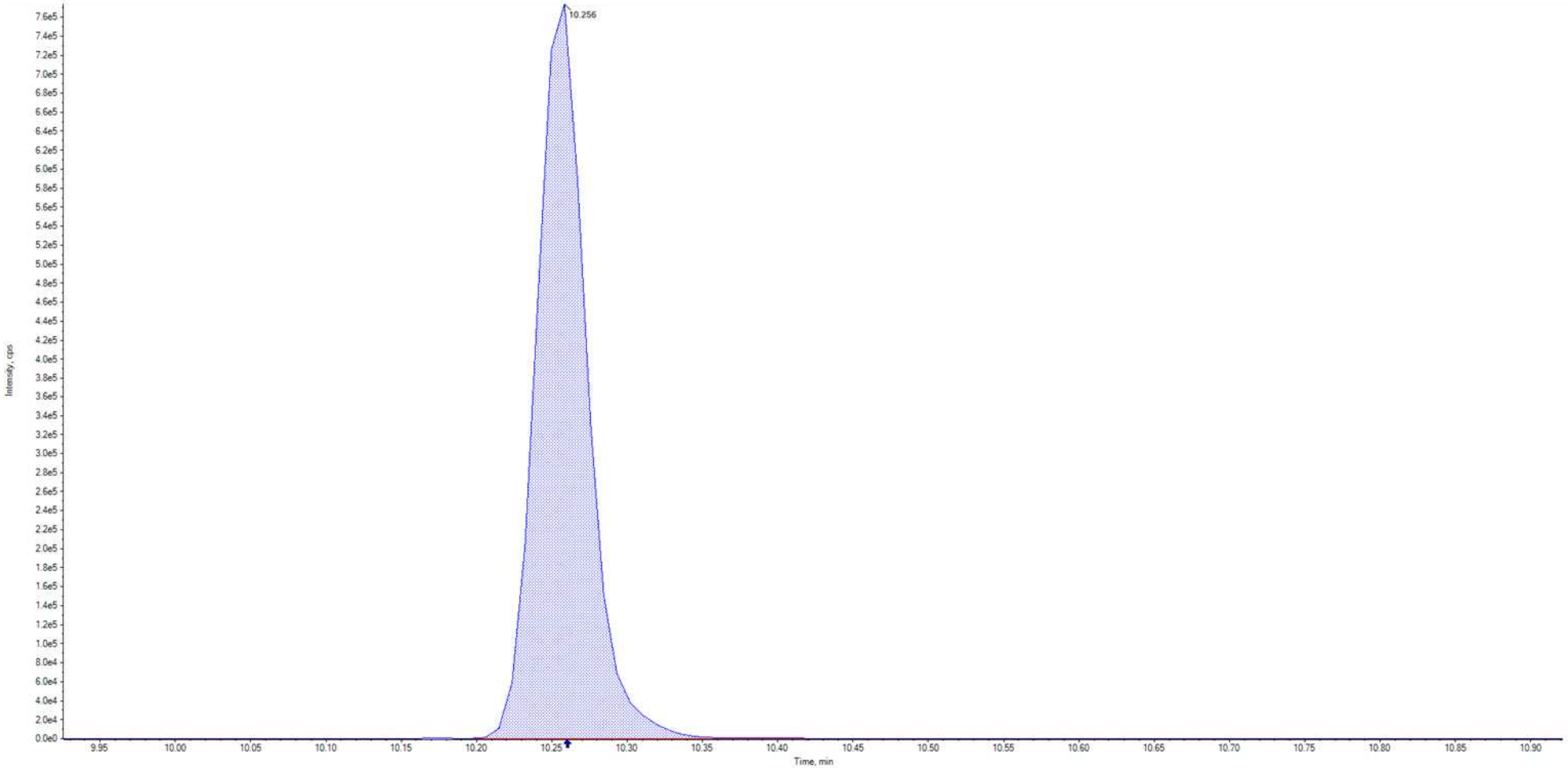
d5-NEtFOSAA
Sample: WG1958909-3,INSTBLANK



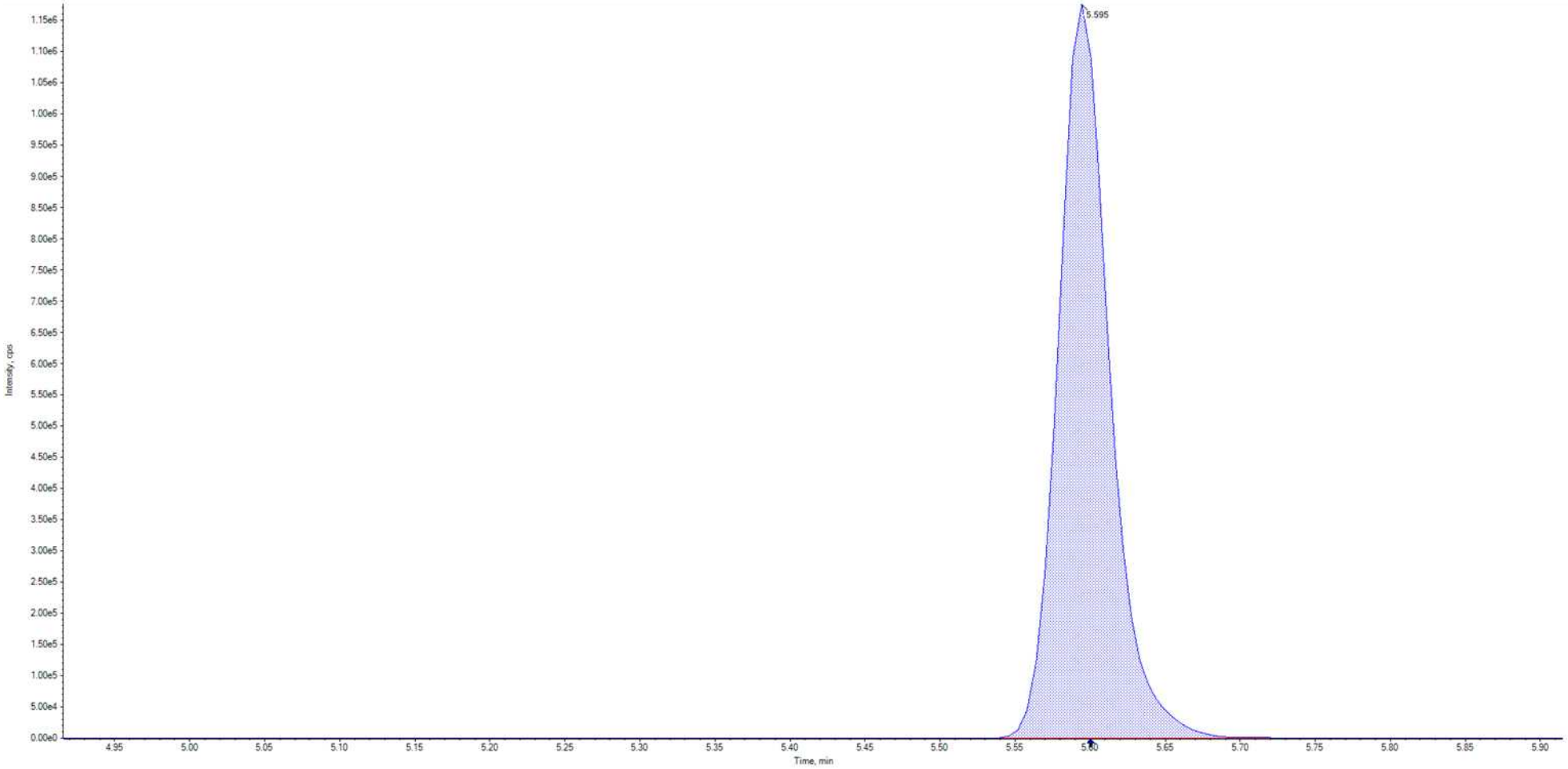
d7-NMeFOSE
Sample: WG1958909-3,INSTBLANK



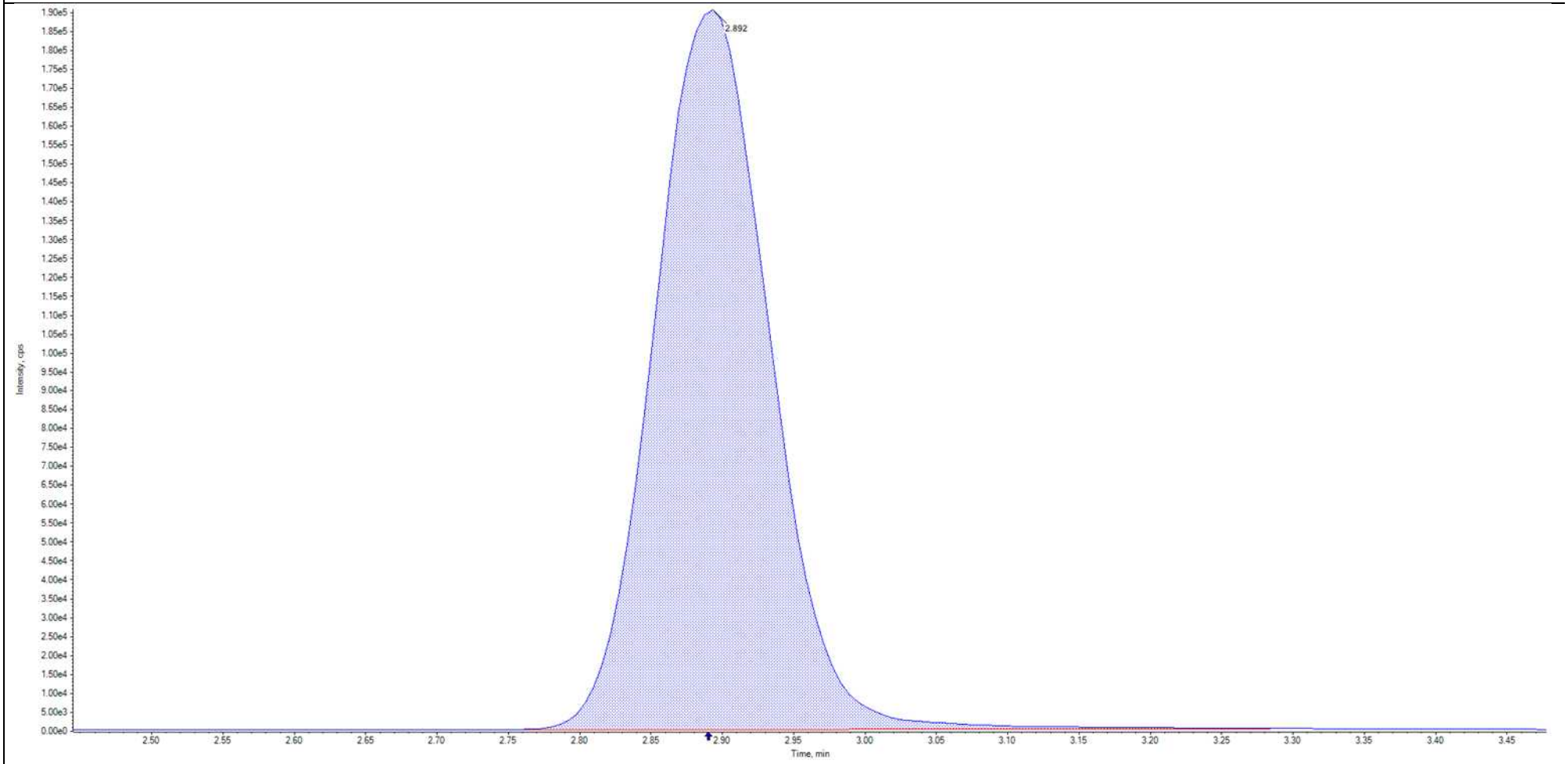
d9-NEtFOSE
Sample: WG1958909-3,INSTBLANK



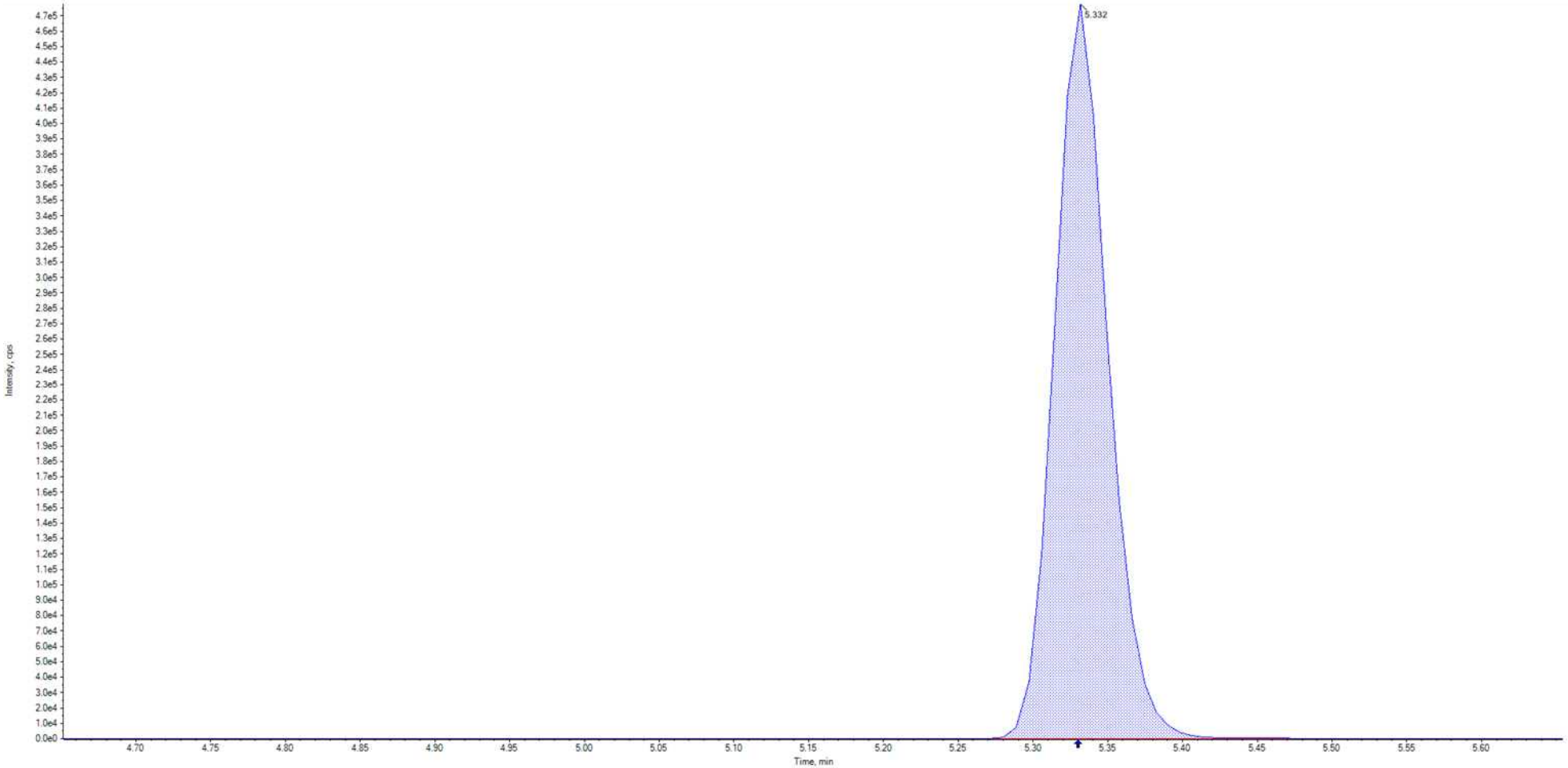
13C3-HFPO-DA
Sample: WG1958909-3,INSTBLANK



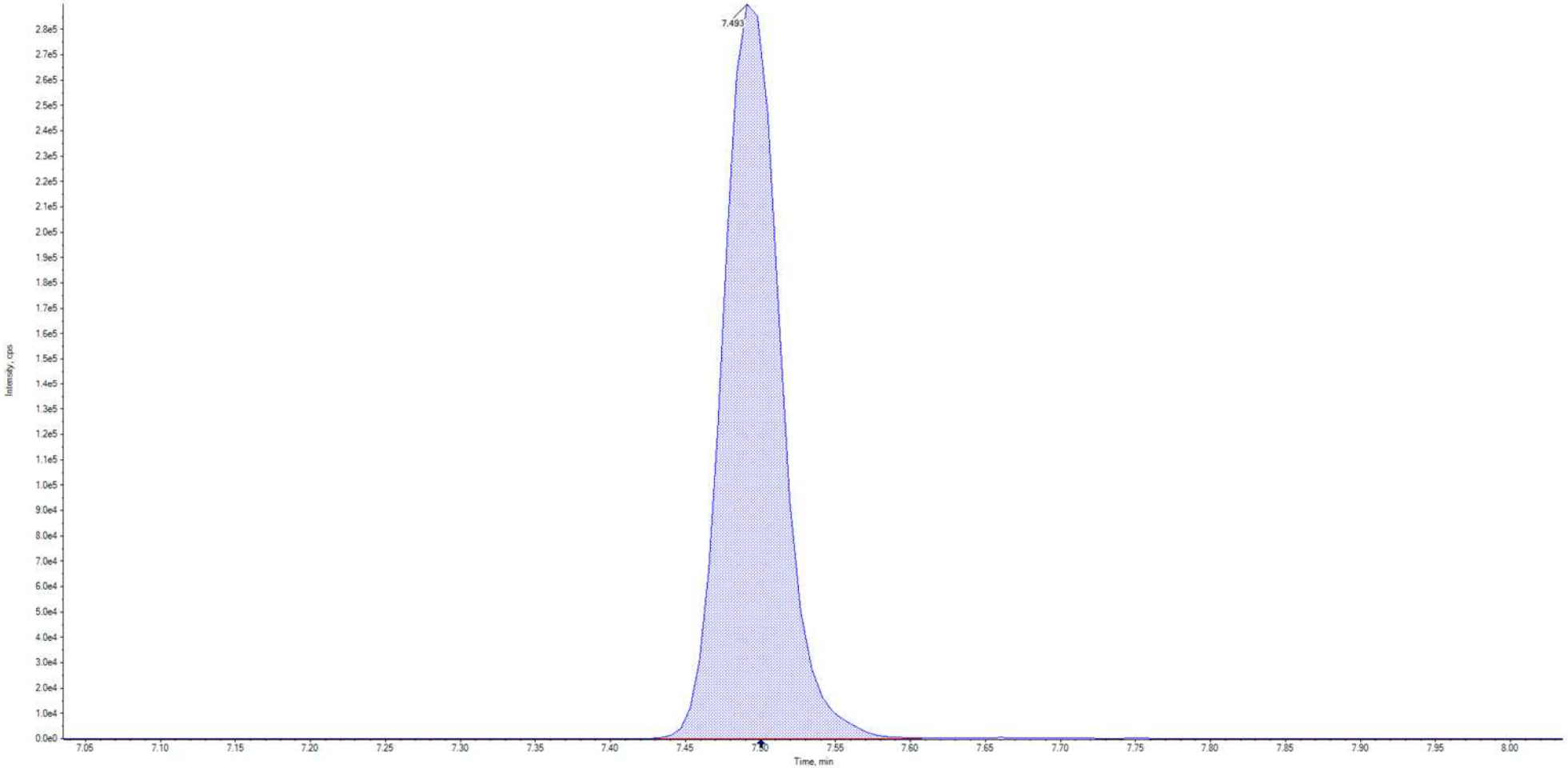
13C3-PFBA
Sample: WG1958909-3,INSTBLANK



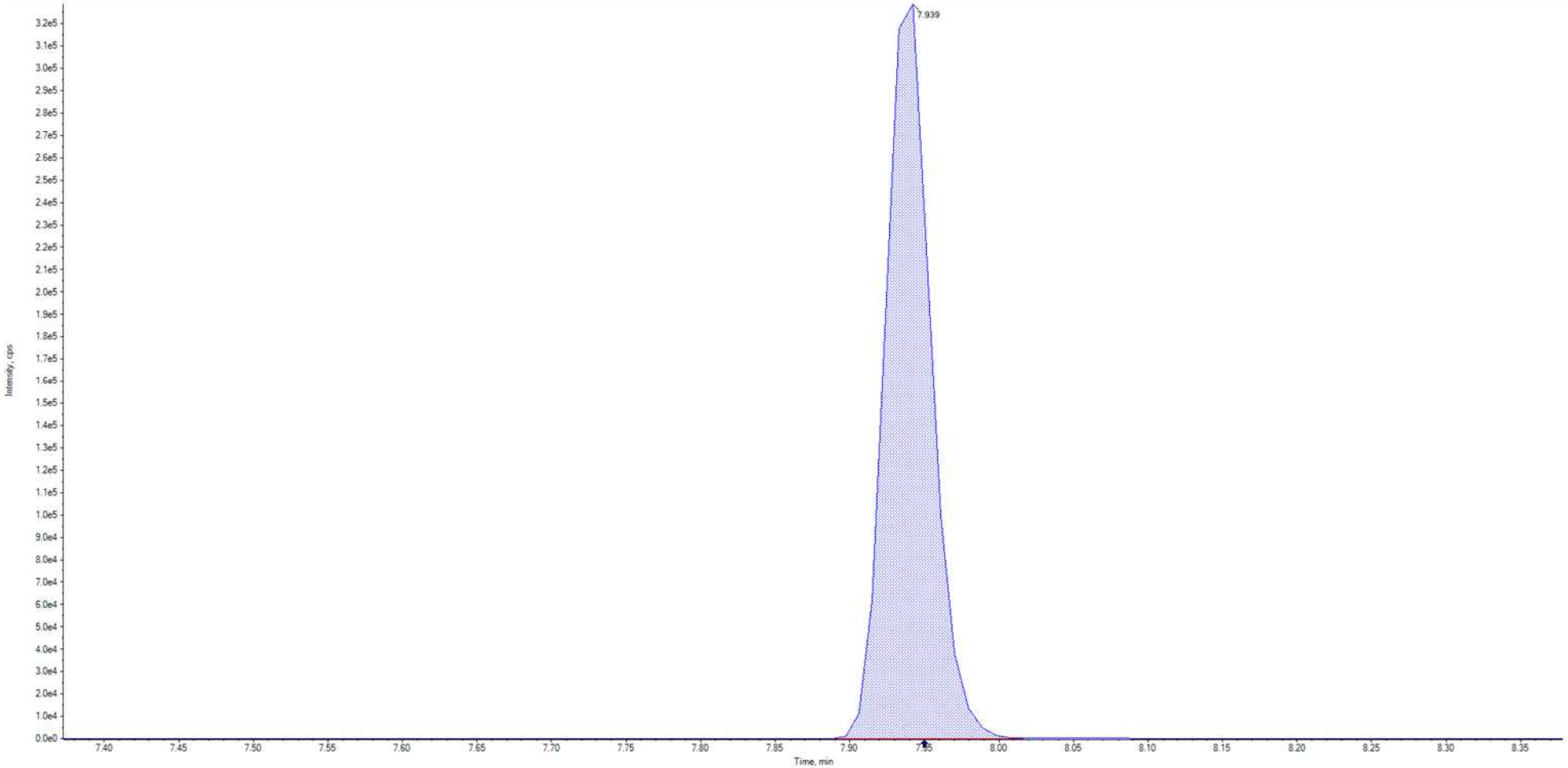
13C2-PFHxA
Sample: WG1958909-3,INSTBLANK



13C4-PFOA
Sample: WG1958909-3,INSTBLANK

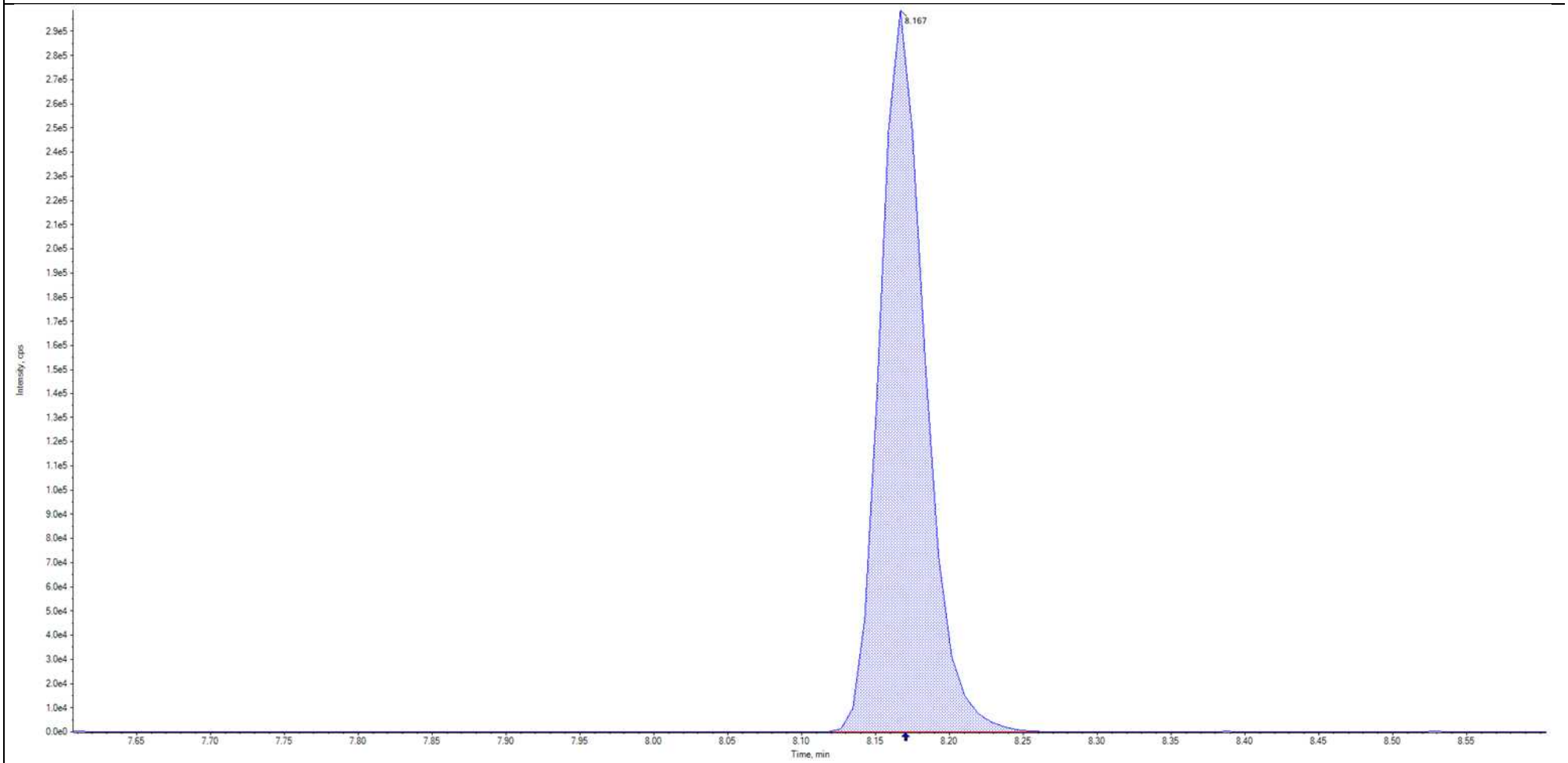


13C5-PFNA
Sample: WG1958909-3,INSTBLANK

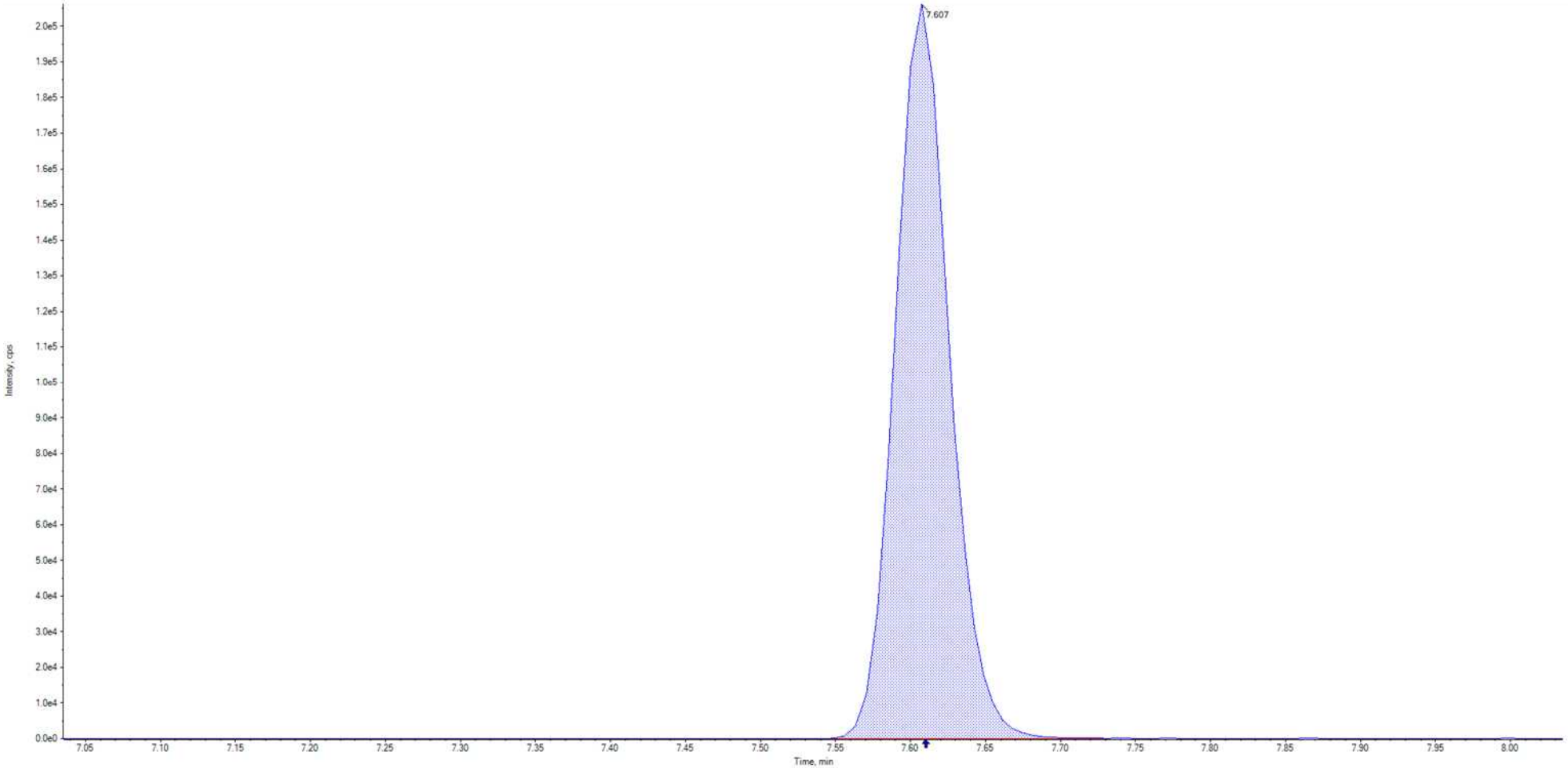


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

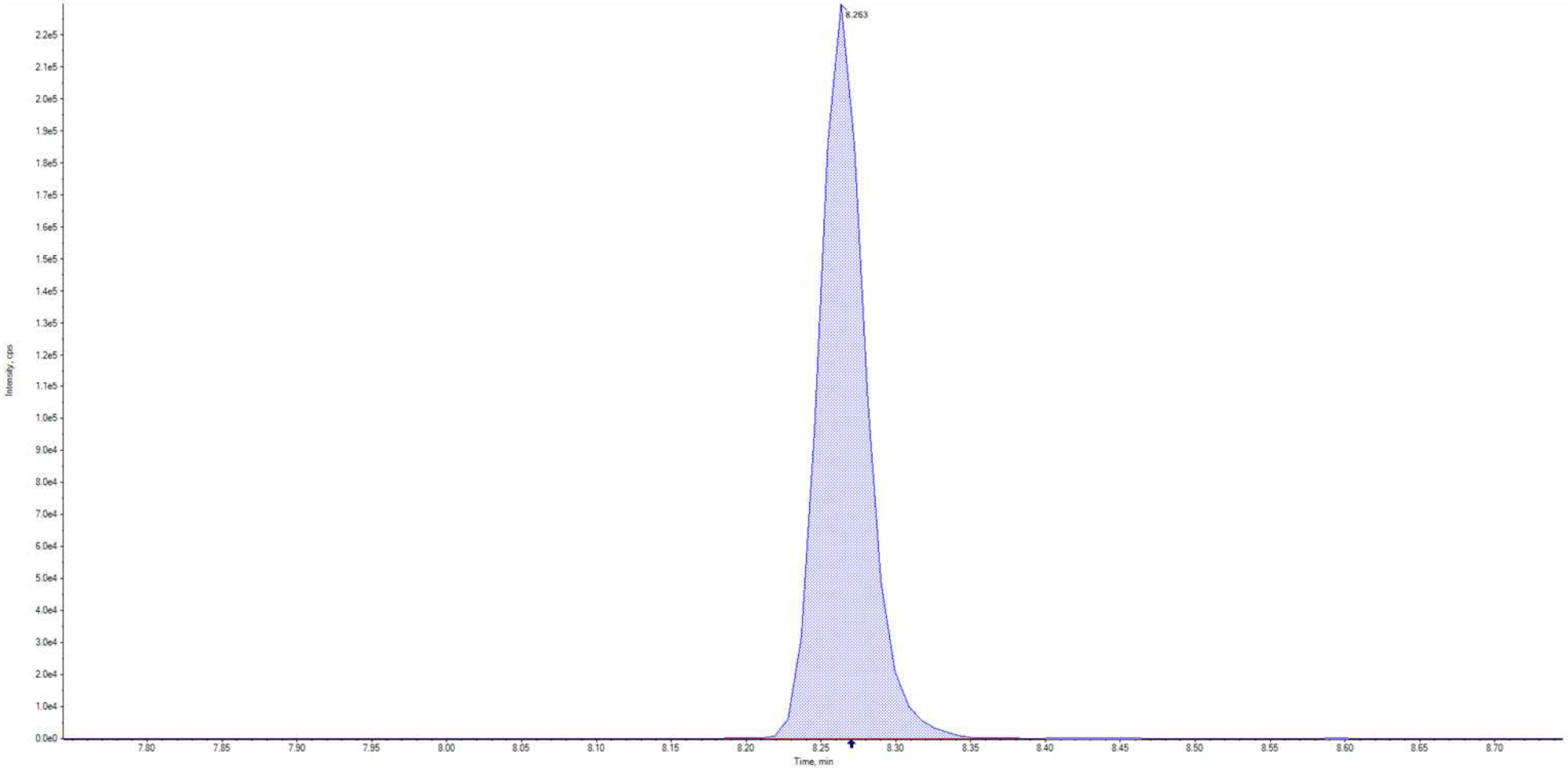
13C2-PFDA
Sample: WG1958909-3,INSTBLANK



18O2-PFHxS
Sample: WG1958909-3,INSTBLANK



13C4-PFOS
Sample: WG1958909-3,INSTBLANK



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_81.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: CA1633STD-10
Name: SCI05_240813_82.wiff
Date & Time: 2024-08-14T00:10:32
Description: WG1958909,,,5 µl LCMS231120C
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.89	213.0 / 169.0	2141398		10.591	N/A	N/A	N/A	105.9
2	PFPeA	2706-90-3	4.64	263.0 / 219.0	3020740		10.377	0.007	0.007	N/A	103.8
3	PFPeA_2	2706-90-3	4.64	263.0 / 68.9	21055		10.244	0.007	0.007	N/A	102.4
4	PFHxA	307-24-4	5.34	313.0 / 269.0	4919878		9.774	0.075	0.072	Pass	97.7
5	PFHxA_2	307-24-4	5.34	313.0 / 119.0	367737		9.888	0.075	0.072	Pass	98.9
6	PFHpA	375-85-9	6.25	363.1 / 319.0	4540092		9.470	0.303	0.297	Pass	94.7
7	PFHpA_2	375-85-9	6.25	363.1 / 169.0	1375613		9.377	0.303	0.297	Pass	93.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.49	413.1 / 369.1	3327816	M5	10.706	0.501	0.586	Pass	107.1
9	PFOA_2	335-67-1	7.49	413.1 / 169.0	1667071	M7	9.788	0.501	0.586	Pass	97.9
10	PFNA	375-95-1	7.94	462.8 / 418.9	5019221		12.184	0.245	0.313	Pass	121.8
11	PFNA_2	375-95-1	7.94	462.8 / 218.9	1230141		9.772	0.245	0.313	Pass	97.7
12	PFDA	335-76-2	8.17	513.1 / 469.1	4771597		10.429	0.143	0.142	Pass	104.3
13	PFDA_2	335-76-2	8.17	513.1 / 219.0	683931		9.974	0.143	0.142	Pass	99.7
14	PFUnA	2058-94-8	8.46	563.1 / 519.1	3418593		9.907	0.189	0.194	Pass	99.1
15	PFUnA_2	2058-94-8	8.46	563.1 / 269.0	647262		9.684	0.189	0.194	Pass	96.8
16	PFDoA	307-55-1	8.90	613.1 / 569.1	3306536		8.752	0.172	0.167	Pass	87.5
17	PFDoA_2	307-55-1	8.90	613.1 / 319.0	568188		8.903	0.172	0.167	Pass	89.0
18	PFTrDA	72629-94-8	9.49	663.1 / 619.1	2072227		9.205	0.223	0.228	Pass	92.1
19	PFTrDA_2	72629-94-8	9.49	663.1 / 169.0	462202		9.219	0.223	0.228	Pass	92.2
20	PFTeDA	376-06-7	9.90	713.1 / 669.1	4000682		10.311	0.139	0.137	Pass	103.1
21	PFTeDA_2	376-06-7	9.90	713.1 / 169.0	556492		10.486	0.139	0.137	Pass	104.9
22	PFBS	375-73-5	5.31	299.1 / 80.1	3478595		10.677	0.406	0.396	Pass	106.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.31	299.1 / 99.1	1411395		10.866	0.406	0.396	Pass	108.7
24	PFPeS	2706-91-4	6.34	349.1 / 80.1	2944351		10.672	0.301	0.299	Pass	106.7
25	PFPeS_2	2706-91-4	6.34	349.1 / 99.1	884989		10.635	0.301	0.299	Pass	106.4
26	PFHxS	355-46-4	7.61	399.1 / 80.1	2717542	M5	10.525	0.304	0.315	Pass	105.3
27	PFHxS_2	355-46-4	7.61	399.1 / 99.1	826780	M7	10.311	0.304	0.315	Pass	103.1
28	PFHpS	375-92-8	8.01	449.1 / 80.1	2628602		10.475	0.298	0.287	Pass	104.8
29	PFHpS_2	375-92-8	8.01	449.1 / 99.1	783541		10.653	0.298	0.287	Pass	106.5
30	PFOS	1763-23-1	8.27	499.1 / 80.1	2661502	M5	9.961	0.225	0.238	Pass	99.6
31	PFOS_2	1763-23-1	8.27	499.1 / 99.1	598859		9.148	0.225	0.238	Pass	91.5
32	PFNS	68259-12-1	8.62	549.1 / 80.1	1869857		10.900	0.301	0.301	Pass	109.0
33	PFNS_2	68259-12-1	8.62	549.1 / 99.1	562916		10.835	0.301	0.301	Pass	108.4
34	PFDS	335-77-3	9.14	599.1 / 80.1	1750884		10.362	0.278	0.275	Pass	103.6
35	PFDS_2	335-77-3	9.14	599.1 / 99.1	486862		10.452	0.278	0.275	Pass	104.5
36	PFDoS	79780-39-5	10.00	699.2 / 80.1	1643234		10.617	0.273	0.274	Pass	106.2
37	PFDoS_2	79780-39-5	10.00	699.2 / 99.1	448555		10.548	0.273	0.274	Pass	105.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.13	327.1 / 307.1	1188112		10.742	0.516	0.516	Pass	107.4
39	4:2FTS_2	757124-72-4	5.13	327.1 / 81.1	613309		10.365	0.516	0.516	Pass	103.7
40	6:2FTS	27619-97-2	7.09	427.2 / 407.2	749524		10.450	0.568	0.565	Pass	104.5
41	6:2FTS_2	27619-97-2	7.08	427.2 / 81.1	425704		10.973	0.568	0.565	Pass	109.7
42	8:2FTS	39108-34-4	8.07	527.2 / 507.2	862361		11.180	0.708	0.662	Pass	111.8
43	8:2FTS_2	39108-34-4	8.07	527.2 / 81.1	610405		11.667	0.708	0.662	Pass	116.7
44	PFOSA	754-91-6	9.54	498.1 / 78.1	2485355	M5	9.934	0.023	0.025	Pass	99.3
45	PFOSA_2	754-91-6	9.54	498.1 / 478.0	58399	M7	8.896	0.023	0.025	Pass	89.0
46	NMeFOSA	31506-32-8	10.16	512.2 / 219.0	602931	M4	8.720	1.109	1.551	Pass	87.2
47	NMeFOSA_2	31506-32-8	10.16	512.2 / 169.0	668394		6.238	1.109	1.551	Pass	62.4
48	NEtFOSA	4151-50-2	10.37	526.2 / 219.0	619581		9.226	1.058	1.285	Pass	92.3
49	NEtFOSA_2	4151-50-2	10.37	526.2 / 169.0	655449		7.291	1.058	1.285	Pass	72.9
50	NMeFOSAA	2355-31-9	8.22	570.2 / 419.1	1125555		9.268	0.611	0.700	Pass	92.7
51	NMeFOSAA_2	2355-31-9	8.22	570.2 / 483.0	687407		8.901	0.611	0.700	Pass	89.0
52	NEtFOSAA	2991-50-6	8.36	584.2 / 419.1	682270		9.641	0.494	0.487	Pass	96.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.36	584.2 / 526.2	337280	M7	10.357	0.494	0.487	Pass	103.6
54	NMeFOSE	24448-09-7	10.07	616.1 / 58.9	1193158		9.990	N/A	N/A	N/A	99.9
55	NEtFOSE	1691-99-2	10.27	630.0 / 58.9	2261051		10.666	N/A	N/A	N/A	106.7
56	HFPO-DA	13252-13-6	5.60	285.0 / 169.0	2708510		10.702	0.468	0.464	Pass	107.0
57	HFPO-DA_2	13252-13-6	5.60	285.0 / 184.9	1268011		10.774	0.468	0.464	Pass	107.7
58	ADONA	919005-14-4	6.72	377.1 / 251.0	5709762		9.920	0.664	0.634	Pass	99.2
59	ADONA_2	919005-14-4	6.72	377.1 / 84.8	3791420		10.180	0.664	0.634	Pass	101.8
60	9Cl-PF3ONS	756426-58-1	8.49	530.8 / 351.1	6161445		10.856	0.309	0.322	Pass	108.6
61	9Cl-PF3ONS_2	756426-58-1	8.49	532.8 / 353.0	1905585		10.311	0.309	0.322	Pass	103.1
62	11Cl-PF3OUdS	763051-92-9	9.56	630.9 / 451.0	3646247		10.171	0.330	0.331	Pass	101.7
63	11Cl-PF3OUdS_2	763051-92-9	9.56	632.9 / 452.9	1204287		9.982	0.330	0.331	Pass	99.8
64	3:3FTCA	356-02-5	4.91	241.1 / 177.1	243107		9.628	1.086	1.074	Pass	96.3
65	3:3FTCA_2	356-02-5	4.91	241.1 / 117.0	263901		10.436	1.086	1.074	Pass	104.4
66	5:3FTCA	914637-49-3	7.16	341.1 / 237.1	985608		10.794	0.942	0.953	Pass	107.9
67	5:3FTCA_2	914637-49-3	7.15	341.1 / 217.0	928171		10.742	0.942	0.953	Pass	107.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.20	441.1 / 316.9	1301430		12.803	1.388	1.558	Pass	128.0
69	7:3FTCA_2	812-70-4	8.20	441.1 / 337.1	1806684		12.248	1.388	1.558	Pass	122.5
70	PFEESA	113507-82-7	5.71	315.1 / 135.0	7907250		9.055	0.086	0.087	Pass	90.6
71	PFEESA_2	113507-82-7	5.71	315.1 / 82.9	680359		9.018	0.086	0.087	Pass	90.2
72	PFMPA	377-73-1	3.85	229.0 / 85.0	359459		10.202	N/A	N/A	N/A	102.0
73	PFMBA	863090-89-5	4.87	279.0 / 85.0	4607412		9.698	N/A	N/A	N/A	97.0
74	NFDHA	151772-58-6	5.25	295.0 / 201.0	894680		9.732	1.003	0.910	Pass	97.3
75	NFDHA_2	151772-58-6	5.25	295.0 / 84.9	897470		10.649	1.003	0.910	Pass	106.5
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.12	333.2 / 312.1	903529		5.141	N/A	N/A	N/A	102.8
79	13C2-PFOA	Surr	7.49	415.0 / 370.0	3256013		2.506	N/A	N/A	N/A	100.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2493179		10.016	NA	NA	NA	100.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1578635		5.147	NA	NA	NA	102.9
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	1032774		2.564	NA	NA	NA	102.5
	13C4-PFHpA	EIS	6.24	367.0 / 322.0	1023436		2.537	NA	NA	NA	101.5
	13C8-PFOA	EIS	7.49	421.0 / 376.0	1493646		2.546	NA	NA	NA	101.8
	13C9-PFNA	EIS	7.94	472.0 / 427.0	703450		1.312	NA	NA	NA	105.0
	13C6-PFDA	EIS	8.17	519.0 / 474.0	663654		1.240	NA	NA	NA	99.2
	13C7-PFUnA	EIS	8.46	570.0 / 525.0	545839		1.260	NA	NA	NA	100.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.89	615.1 / 570.0	363150		1.289	NA	NA	NA	103.1
	13C2-PFTeDA	EIS	9.90	715.1 / 670.1	387076		1.266	NA	NA	NA	101.3
	13C3-PFBS	EIS	5.30	302.1 / 80.1	776535		2.371	NA	NA	NA	101.8
	13C3-PFHxS	EIS	7.60	402.1 / 80.1	646849		2.487	NA	NA	NA	104.9
	13C8-PFOS	EIS	8.26	507.1 / 80.1	650472		2.387	NA	NA	NA	99.7
	13C2-4:2FTS	EIS	5.12	329.1 / 81.1	264698		4.529	NA	NA	NA	96.6
	13C2-6:2FTS	EIS	7.08	429.2 / 81.1	207907		4.855	NA	NA	NA	102.1
	13C2-8:2FTS	EIS	8.06	529.2 / 81.1	292118		4.661	NA	NA	NA	97.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	935828		2.583	NA	NA	NA	103.3
	d3-NMeFOSA	EIS	10.15	515.2 / 219.0	161439		2.647	NA	NA	NA	105.9
	d5-NEtFOSA	EIS	10.36	531.2 / 219.0	152879		2.566	NA	NA	NA	102.6
	d3-NMeFOSAA	EIS	8.21	573.2 / 419.1	922810		6.693	NA	NA	NA	133.9
	d5-NEtFOSAA	EIS	8.35	589.3 / 419.1	379523		5.238	NA	NA	NA	104.8
	d7-NMeFOSE	EIS	10.06	623.2 / 58.9	1210370		25.700	NA	NA	NA	102.8
	d9-NEtFOSE	EIS	10.25	639.2 / 58.9	1805761		26.006	NA	NA	NA	104.0

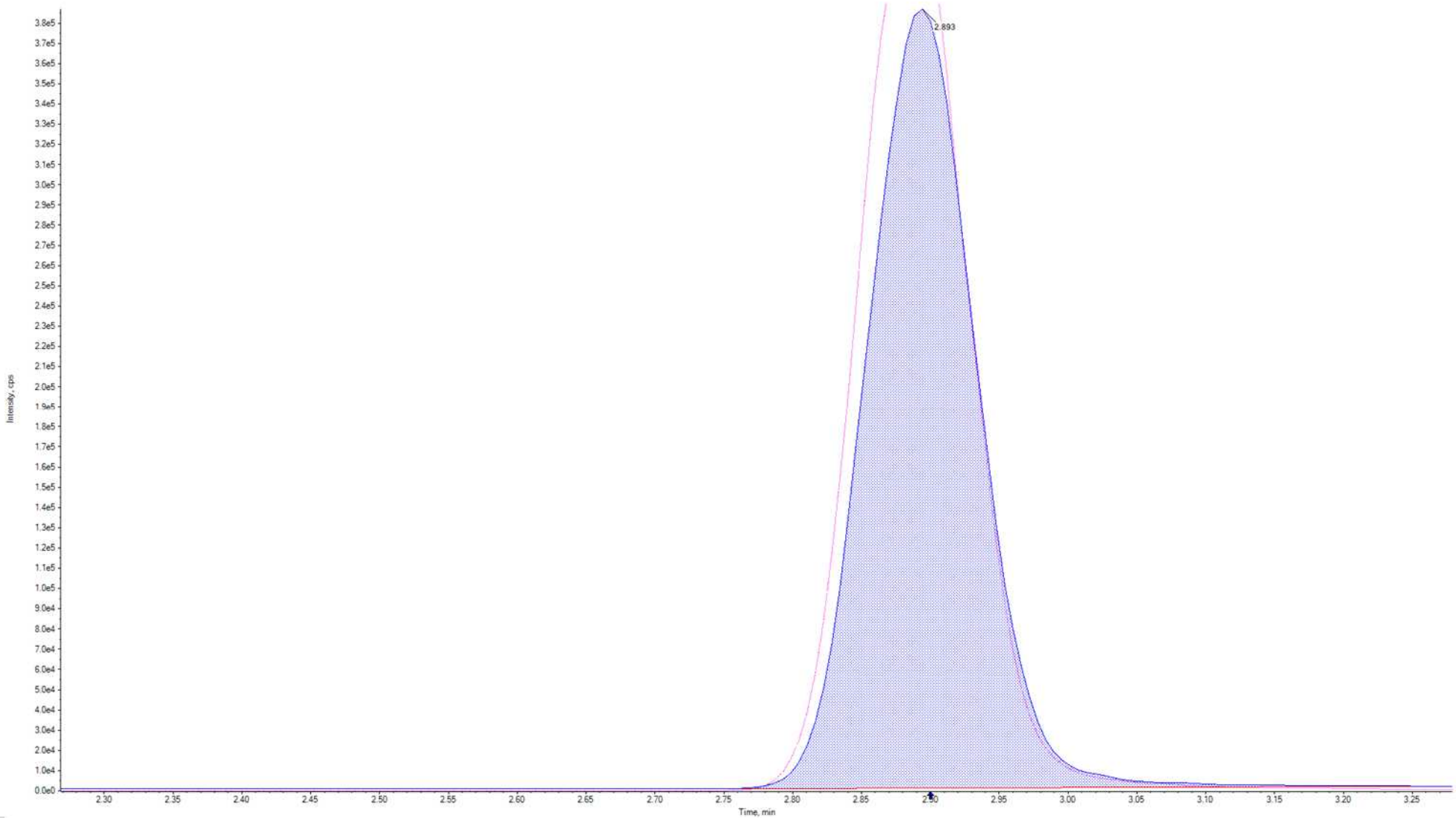
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.59	287.0 / 169.0	2760880		10.341	NA	NA	NA	103.4
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1088885		5.092	NA	NA	NA	101.9
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1196116		2.443	NA	NA	NA	97.7
	13C4-PFOA	NIS	7.49	417.0 / 372.0	767568		2.452	NA	NA	NA	98.1
	13C5-PFNA	NIS	7.94	468.0 / 423.0	653059		1.192	NA	NA	NA	95.4
	13C2-PFDA	NIS	8.16	515.1 / 470.1	628726		1.227	NA	NA	NA	98.2
	18O2-PFHxS	NIS	7.60	403.1 / 84.1	528641		2.256	NA	NA	NA	95.2
	13C4-PFOS	NIS	8.26	503.1 / 80.1	482037		2.289	NA	NA	NA	95.6

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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

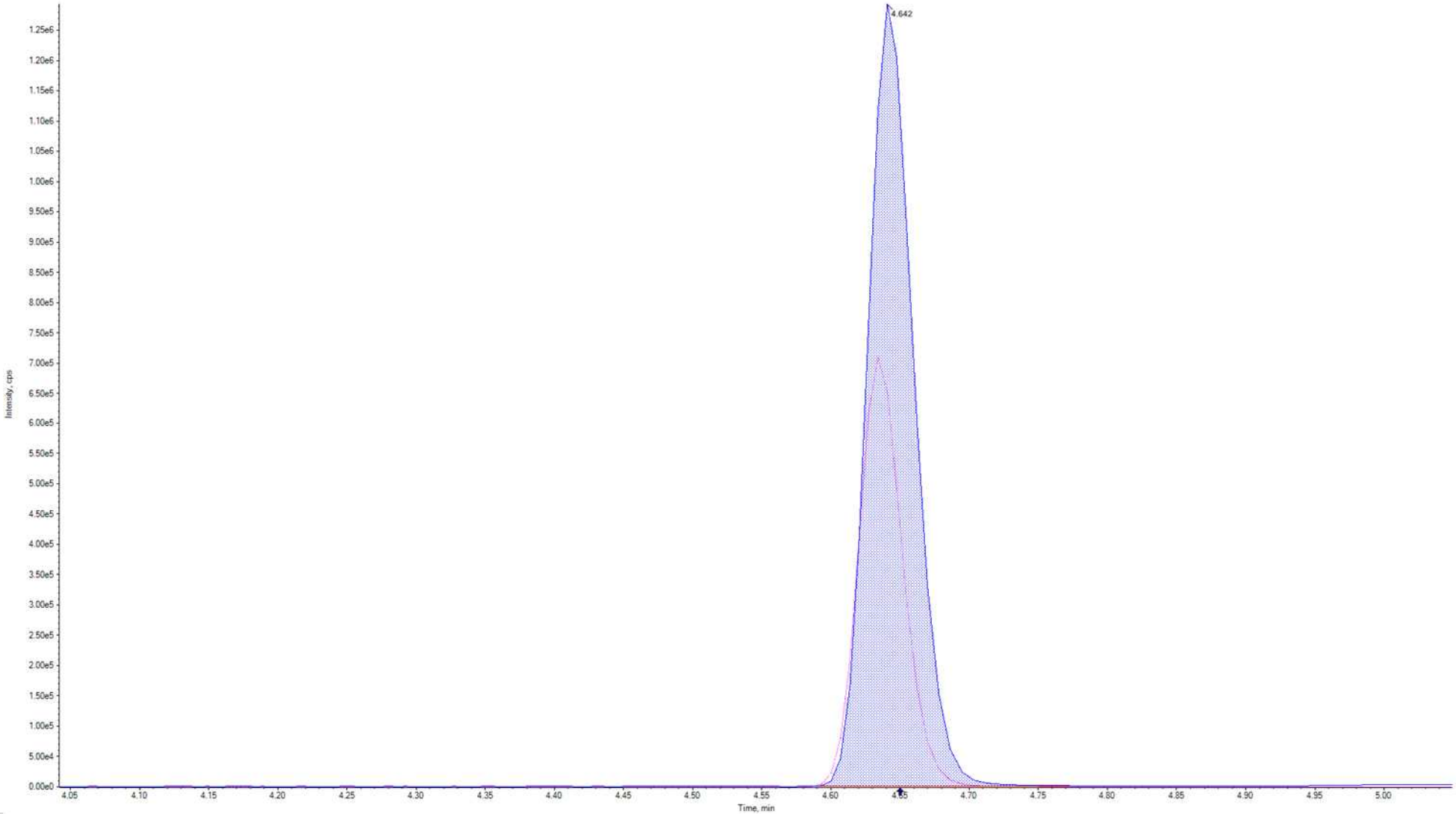
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PFBA
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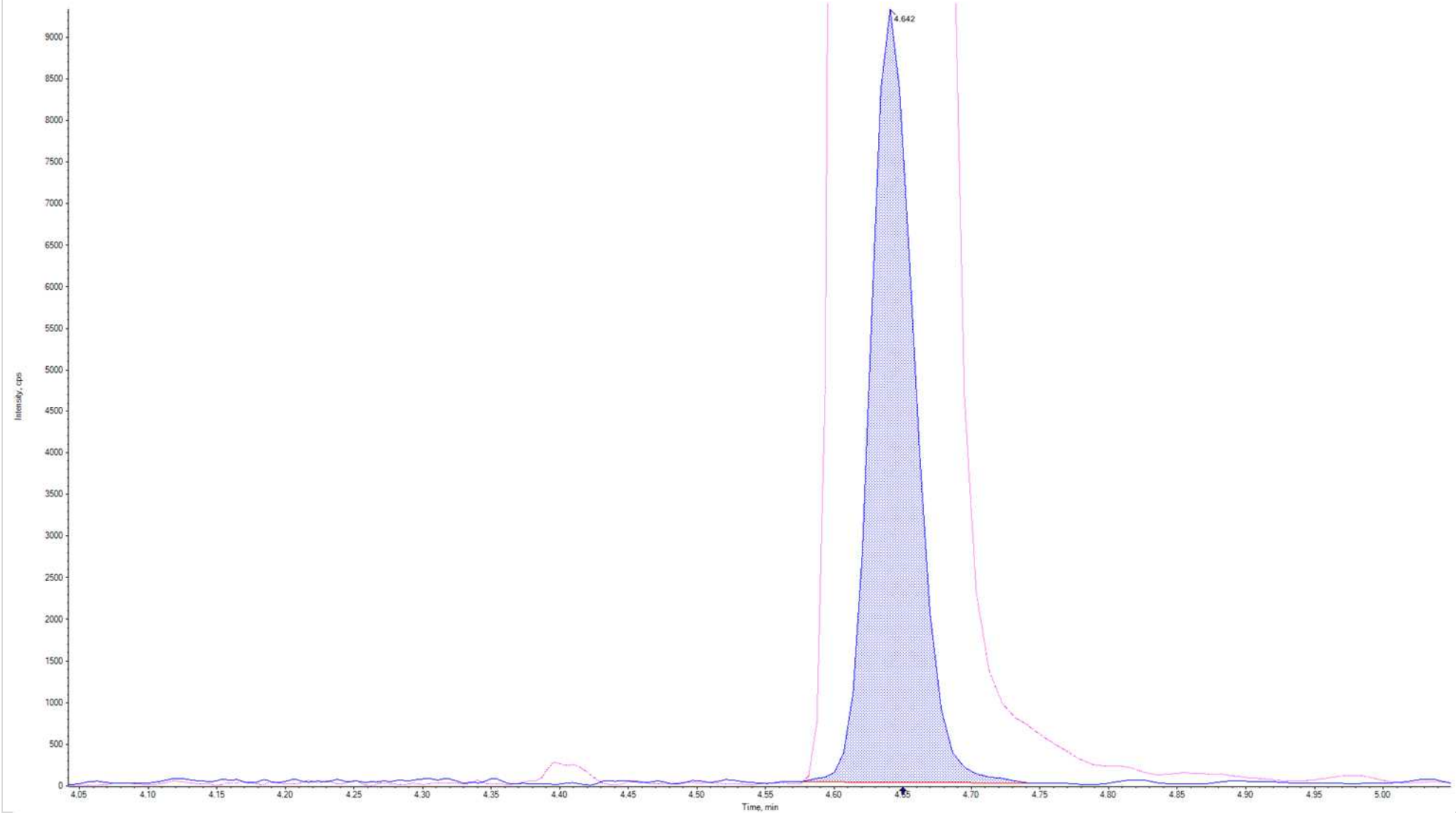
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PFPeA
Sample: CA1633STD-10 S/N:3213.7 Points Across peak:39



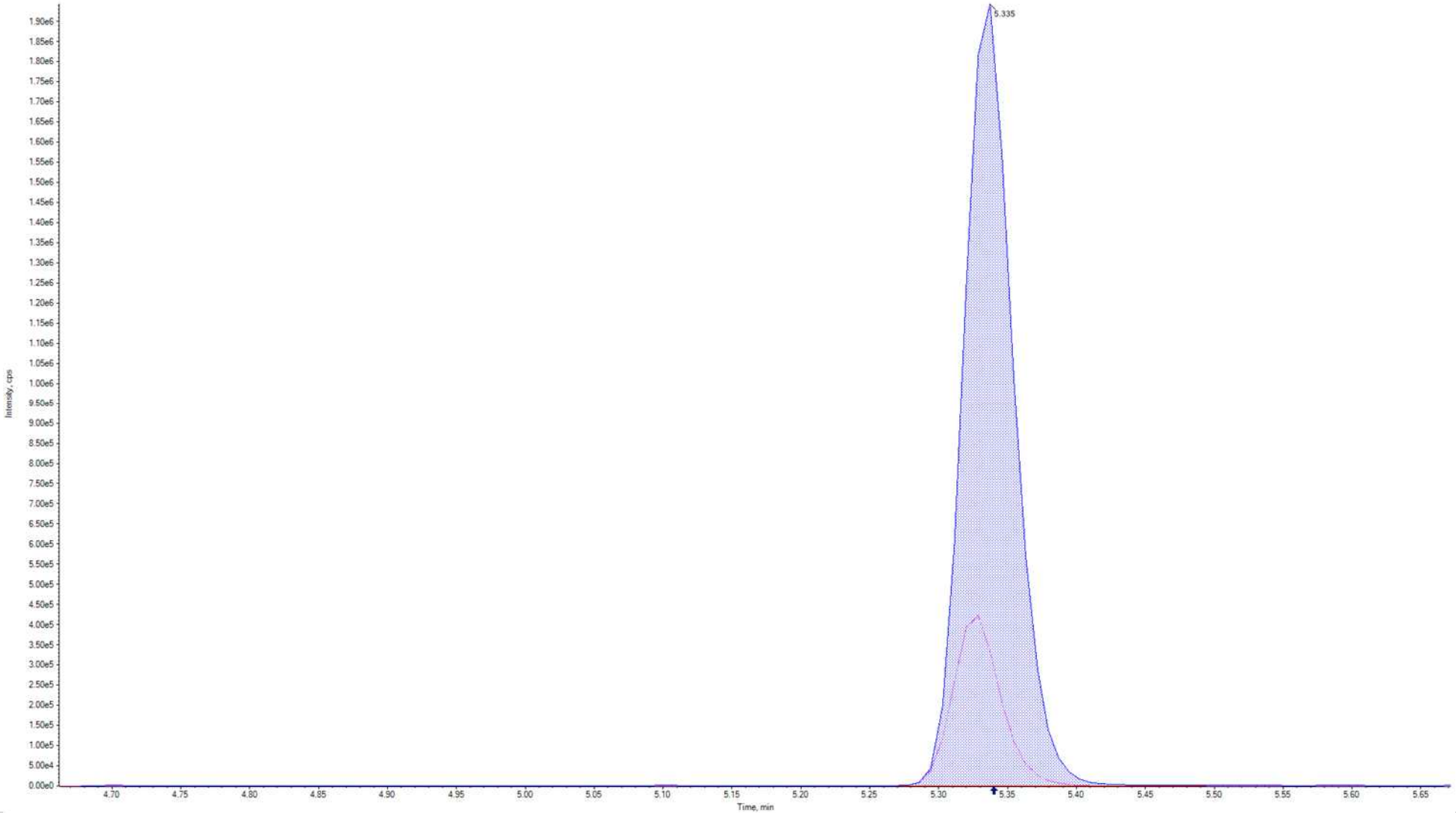
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PFPeA_2
Sample: CA1633STD-10 S/N:1017.4 Points Across peak:24



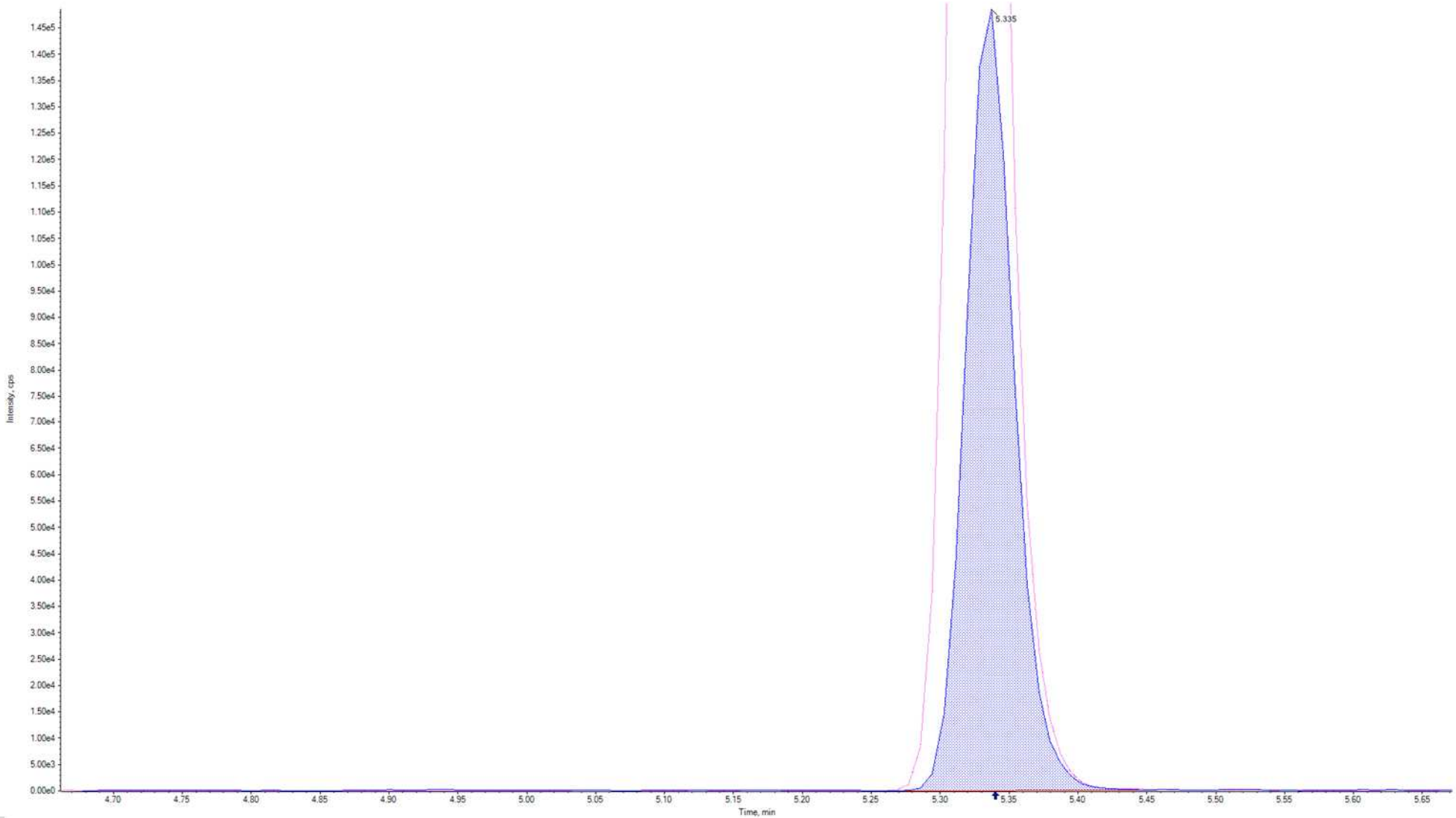
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PFHxA
Sample: CA1633STD-10 S/N:1979.7 Points Across peak:30



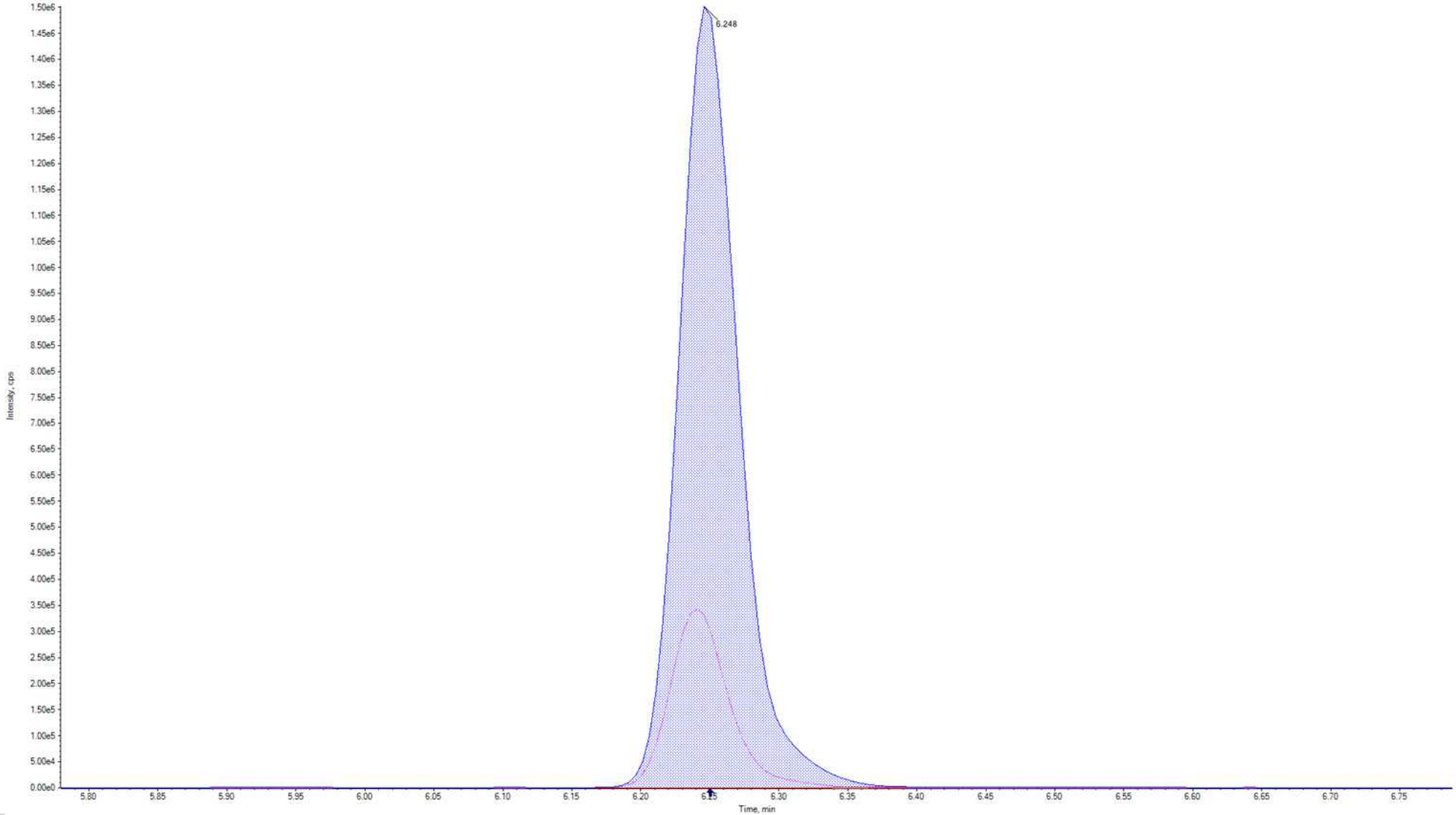
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PFHxA_2
Sample: CA1633STD-10 S/N:2434.5 Points Across peak:24



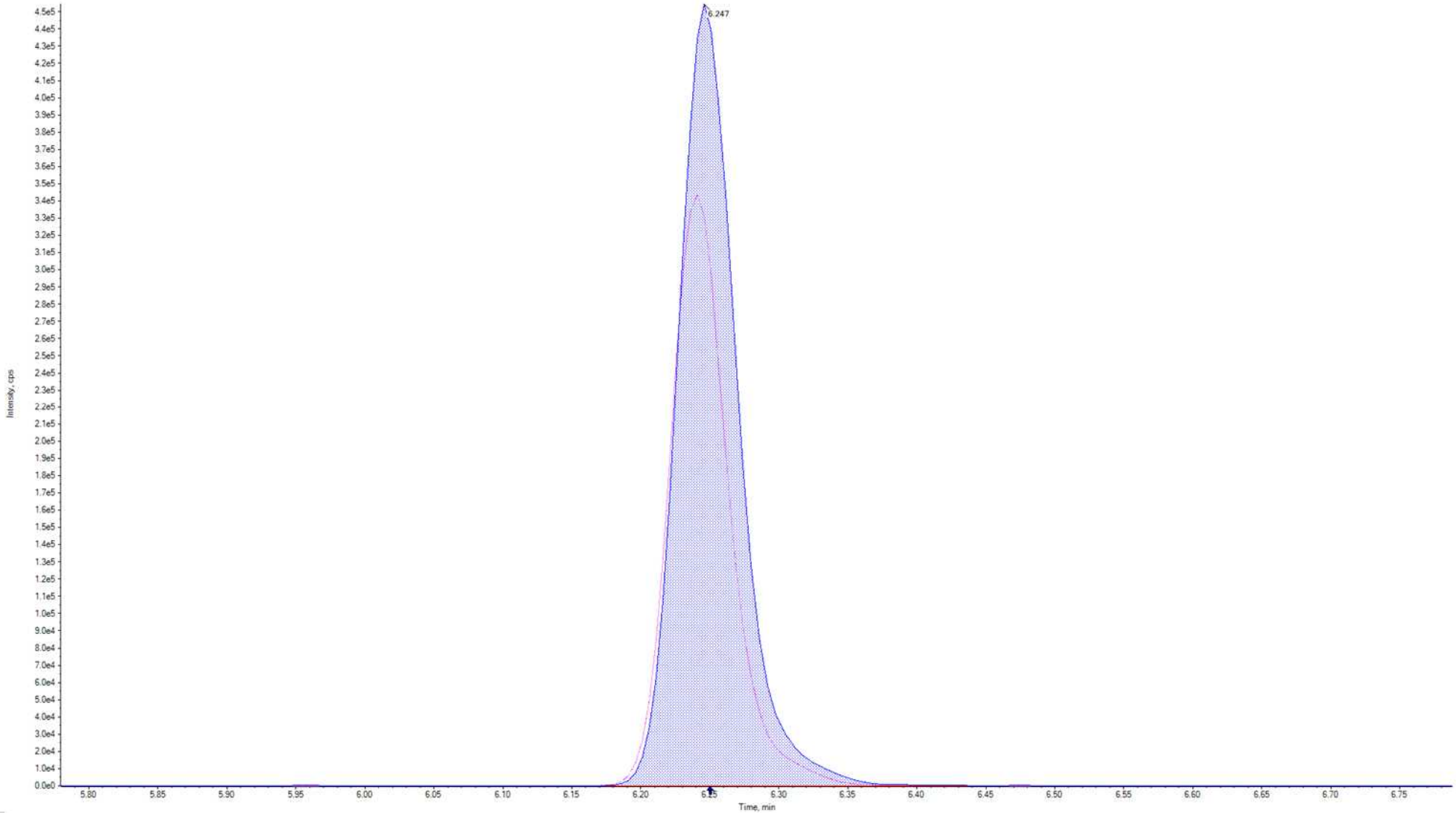
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PFHpA
Sample: CA1633STD-10 S/N:4194.0 Points Across peak:55



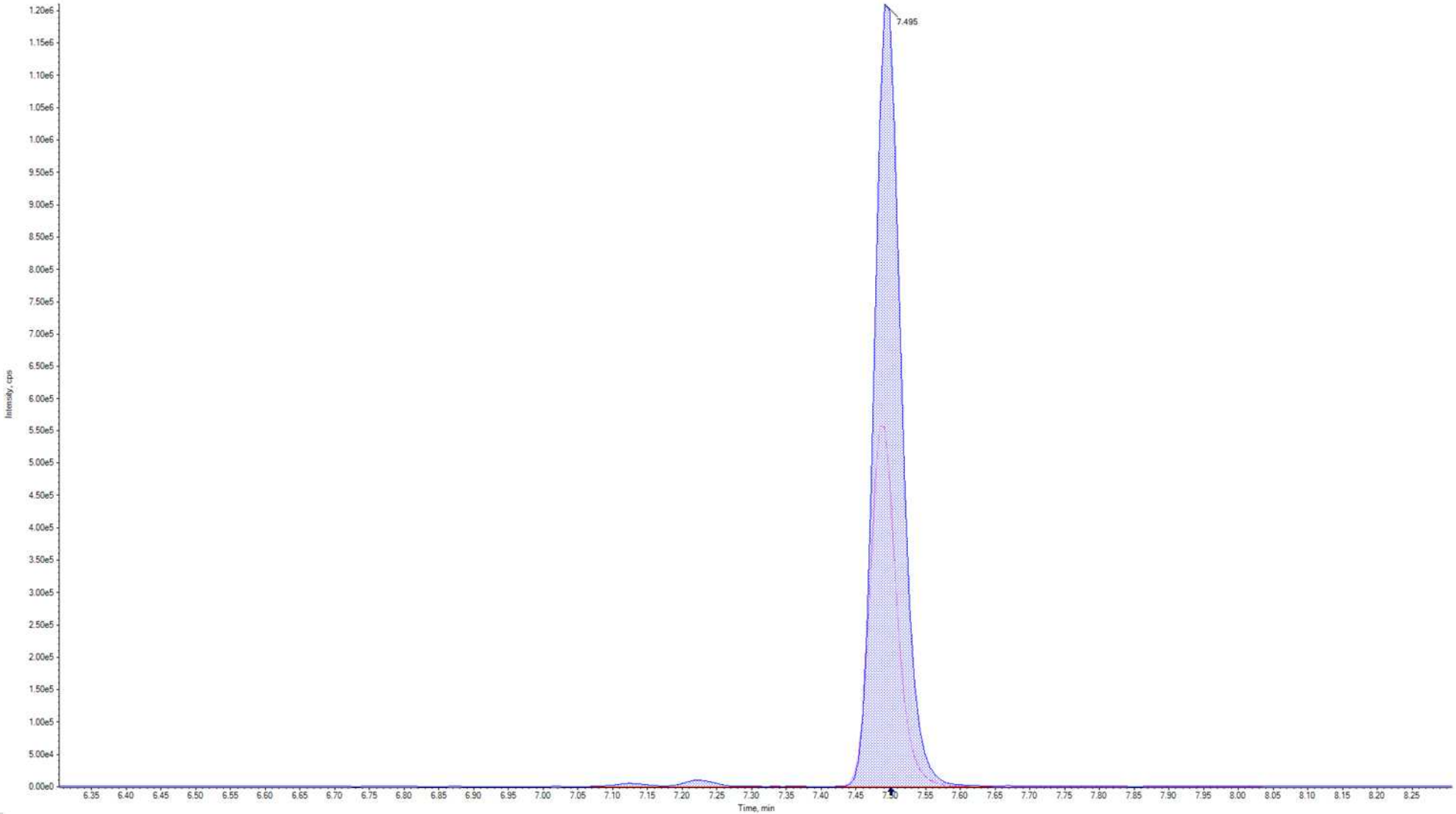
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PFHpA_2
Sample: CA1633STD-10 S/N:20339.3 Points Across peak:52



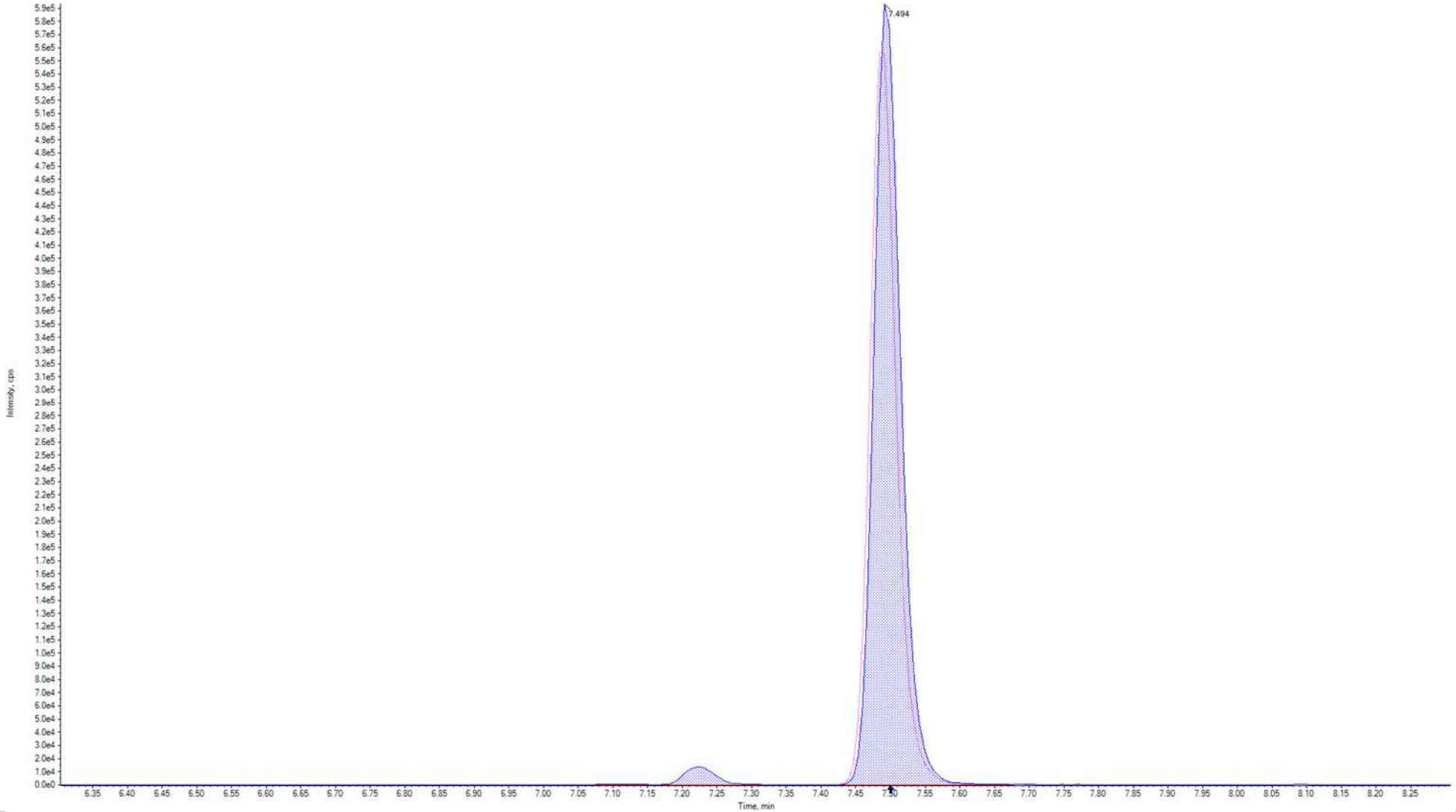
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PFOA
Sample: CA1633STD-10 S/N:5303.8 Points Across peak:98



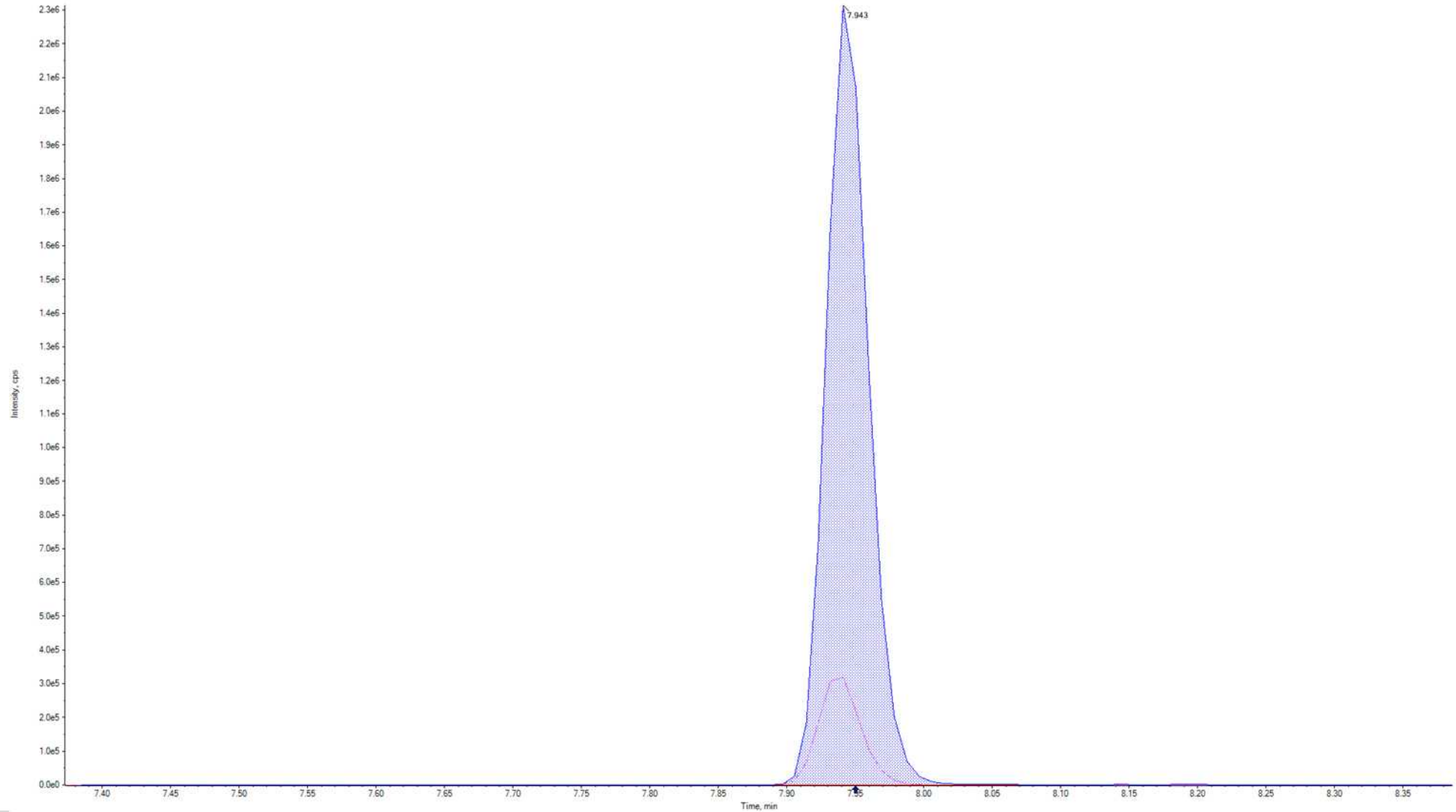
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFOA_2
Sample: CA1633STD-10 S/N:109559.1 Points Across peak:106



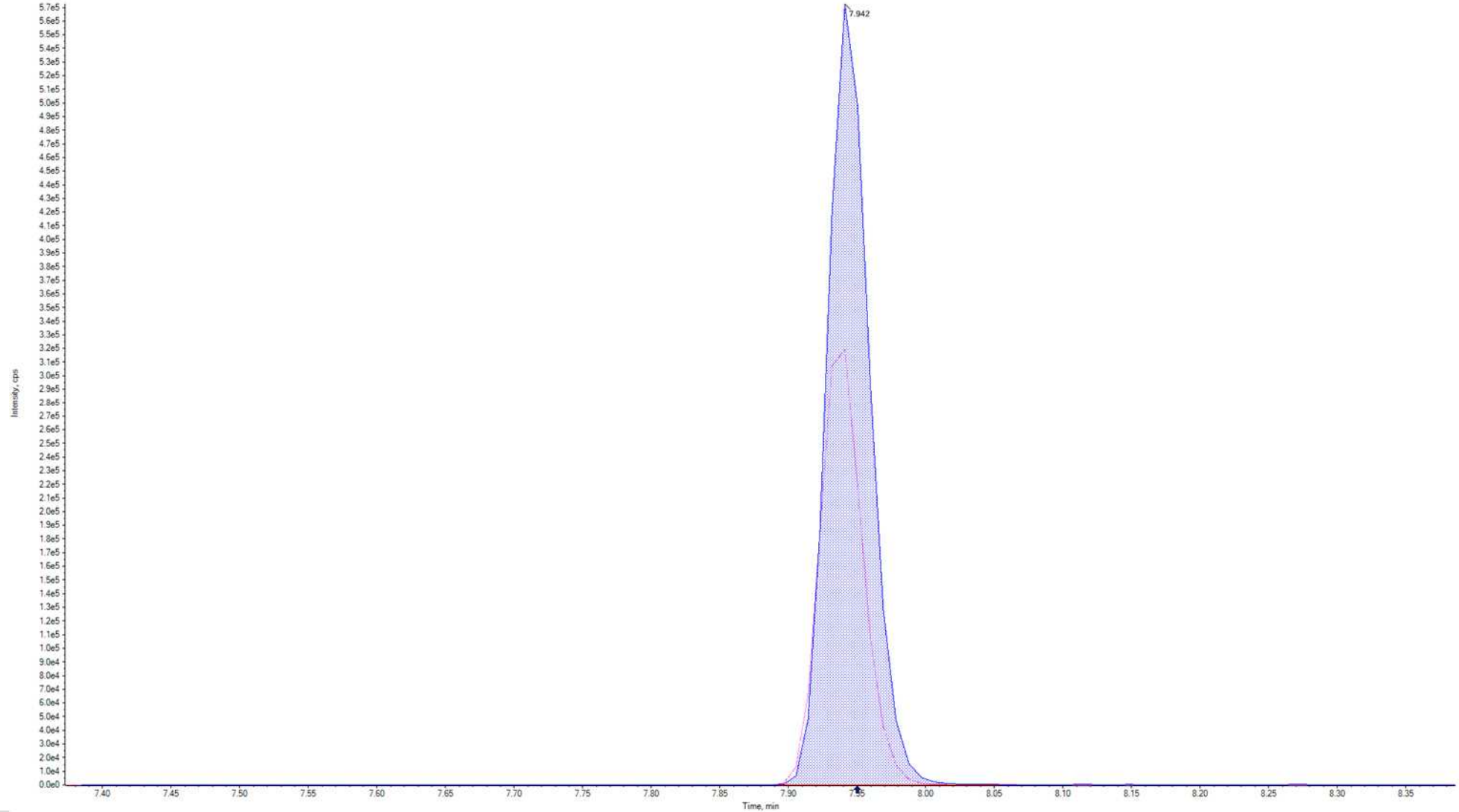
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFNA
Sample: CA1633STD-10 S/N:5100.7 Points Across peak:34



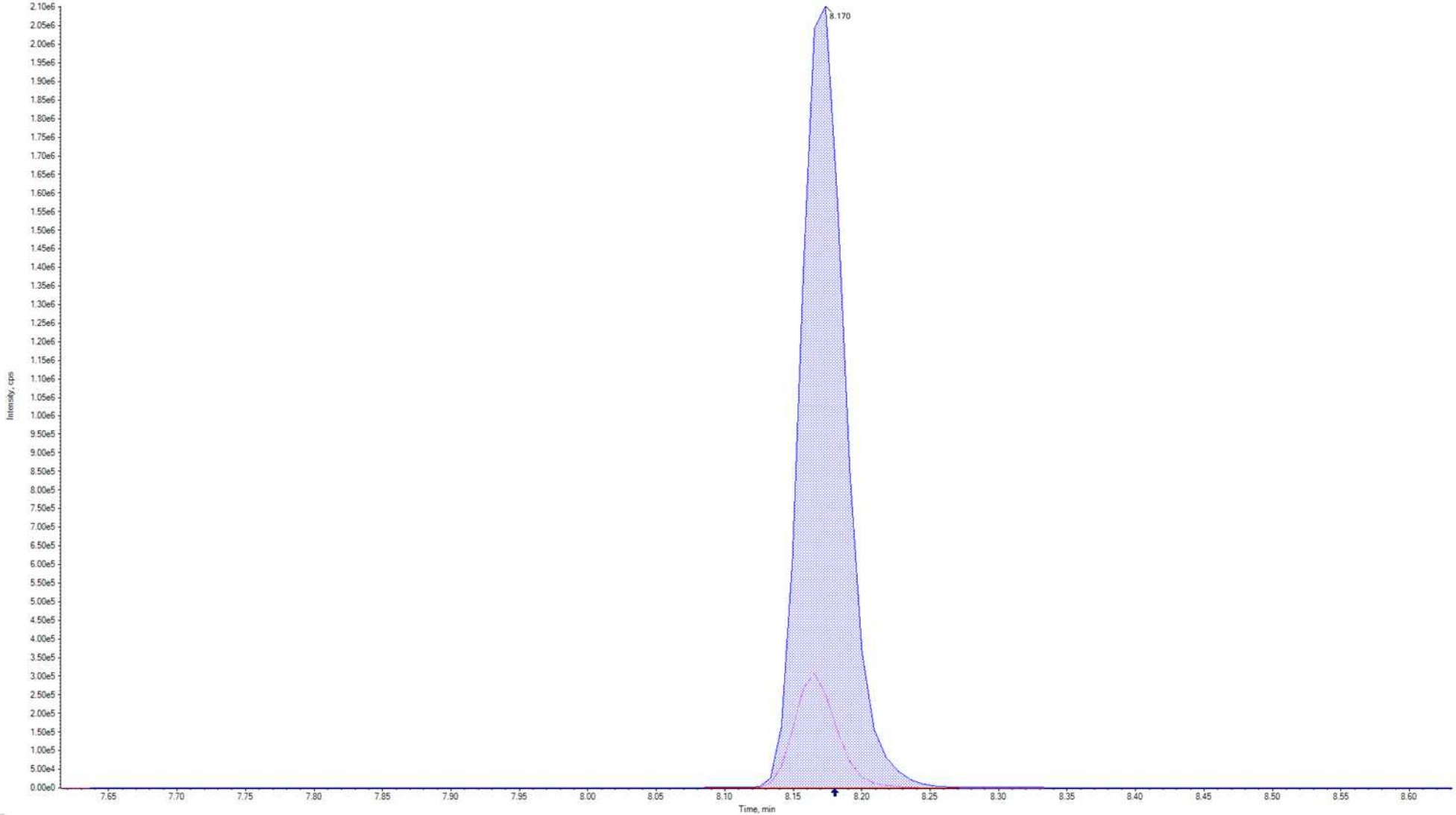
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFNA_2
Sample: CA1633STD-10 S/N:4803.0 Points Across peak:24



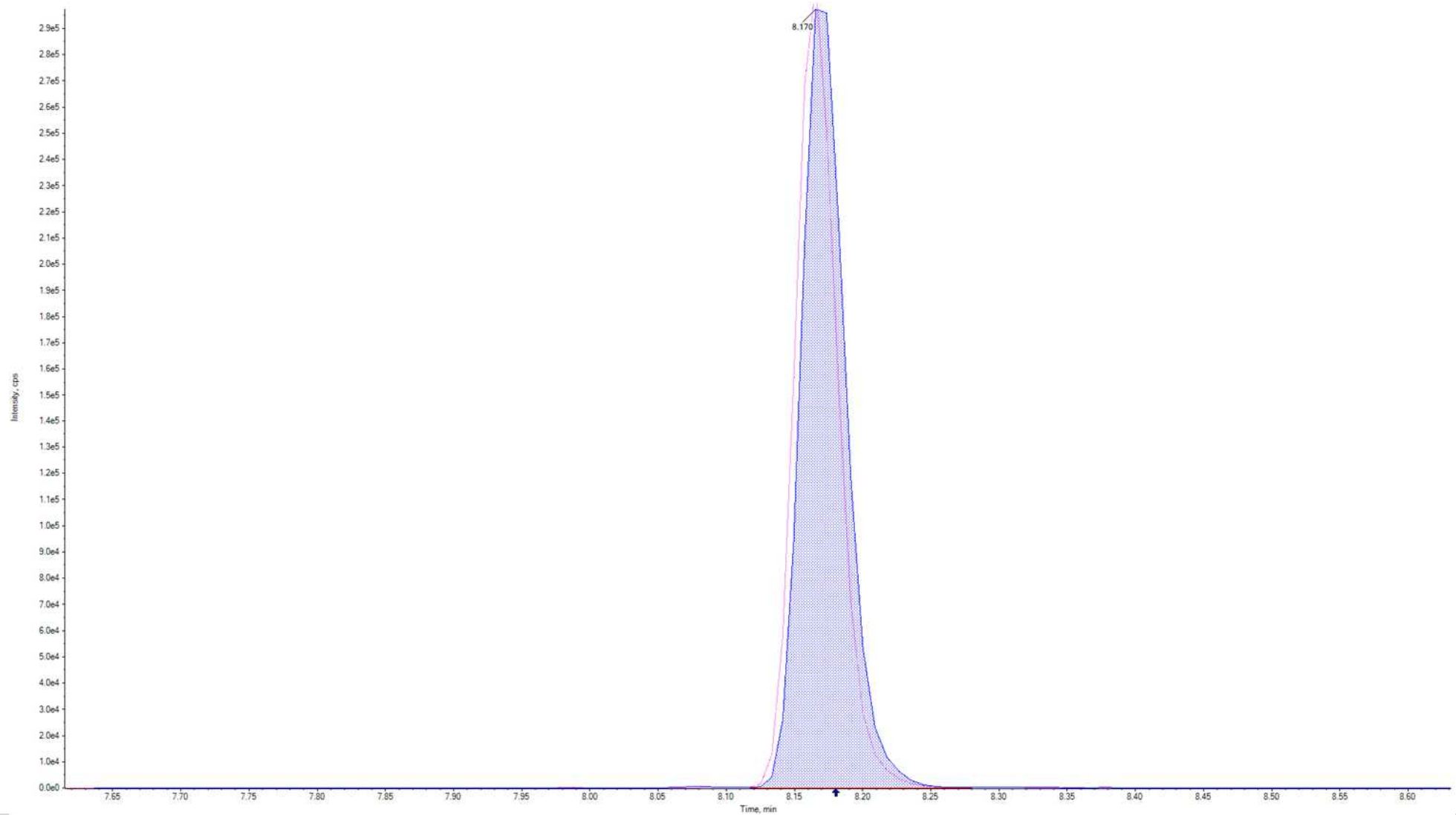
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFDA
Sample: CA1633STD-10 S/N:4327.3 Points Across peak:26



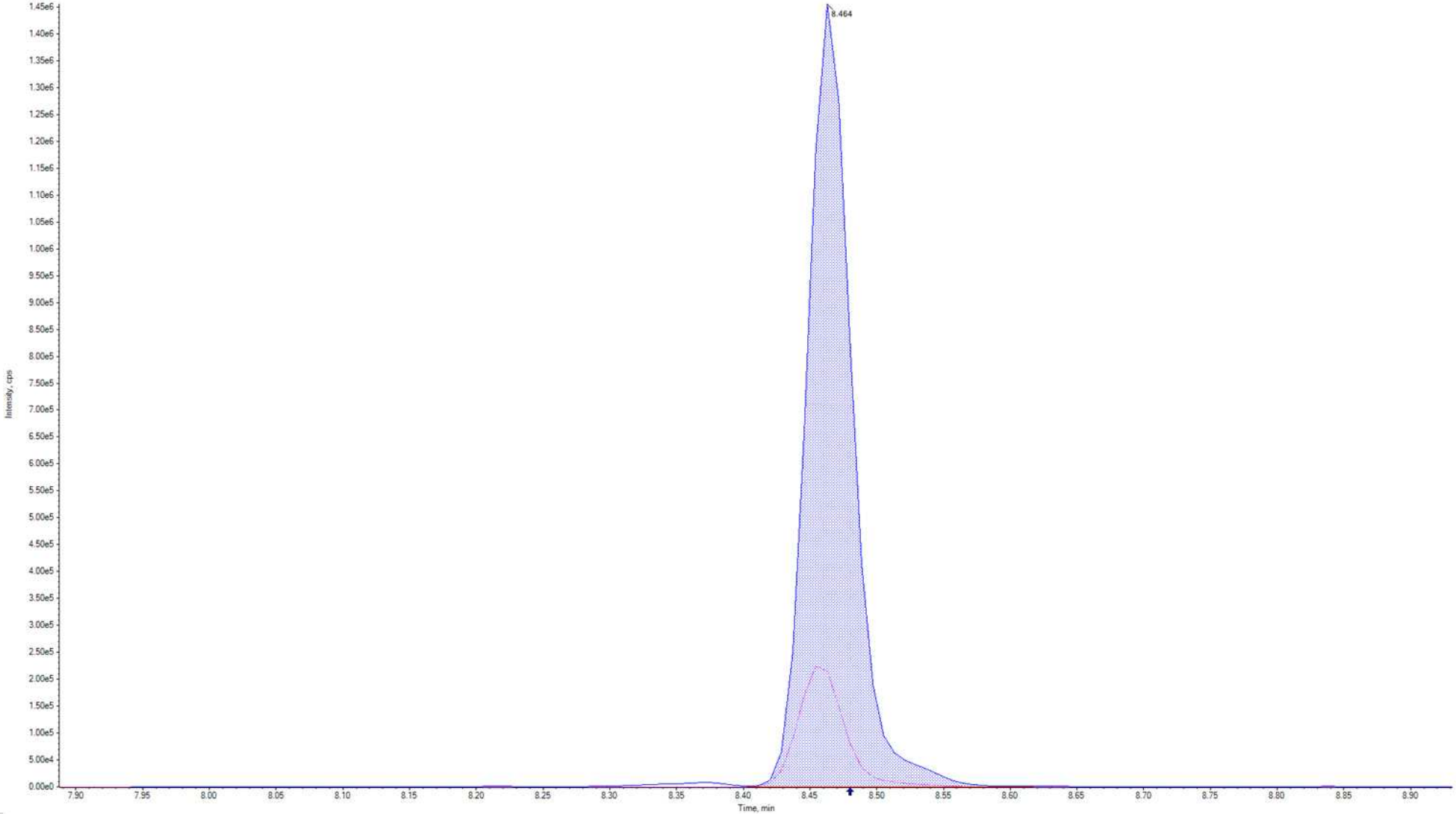
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFDA_2
Sample: CA1633STD-10 S/N:20974326.7 Points Across peak:20



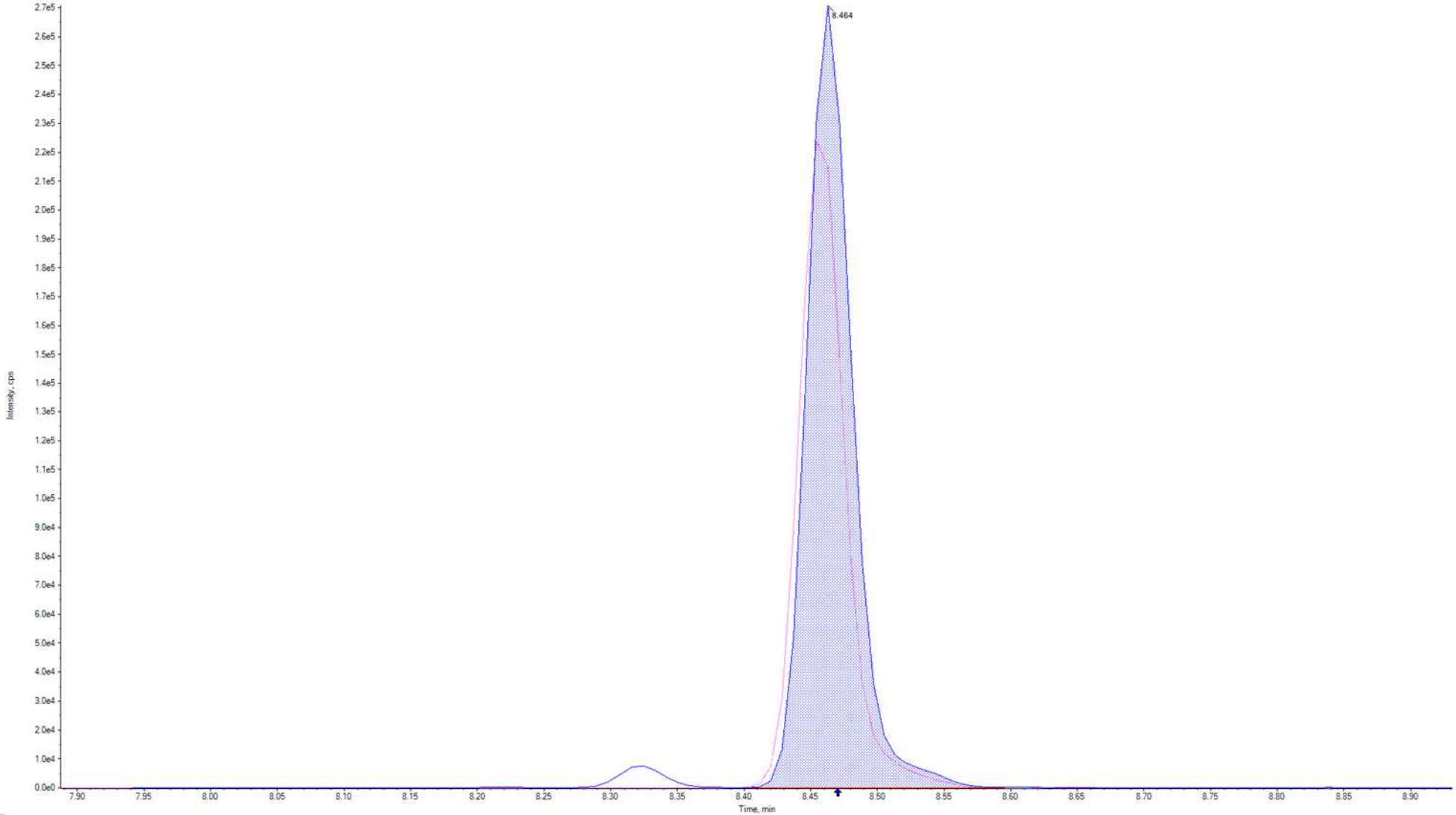
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFUnA
Sample: CA1633STD-10 S/N:4789.0 Points Across peak:28



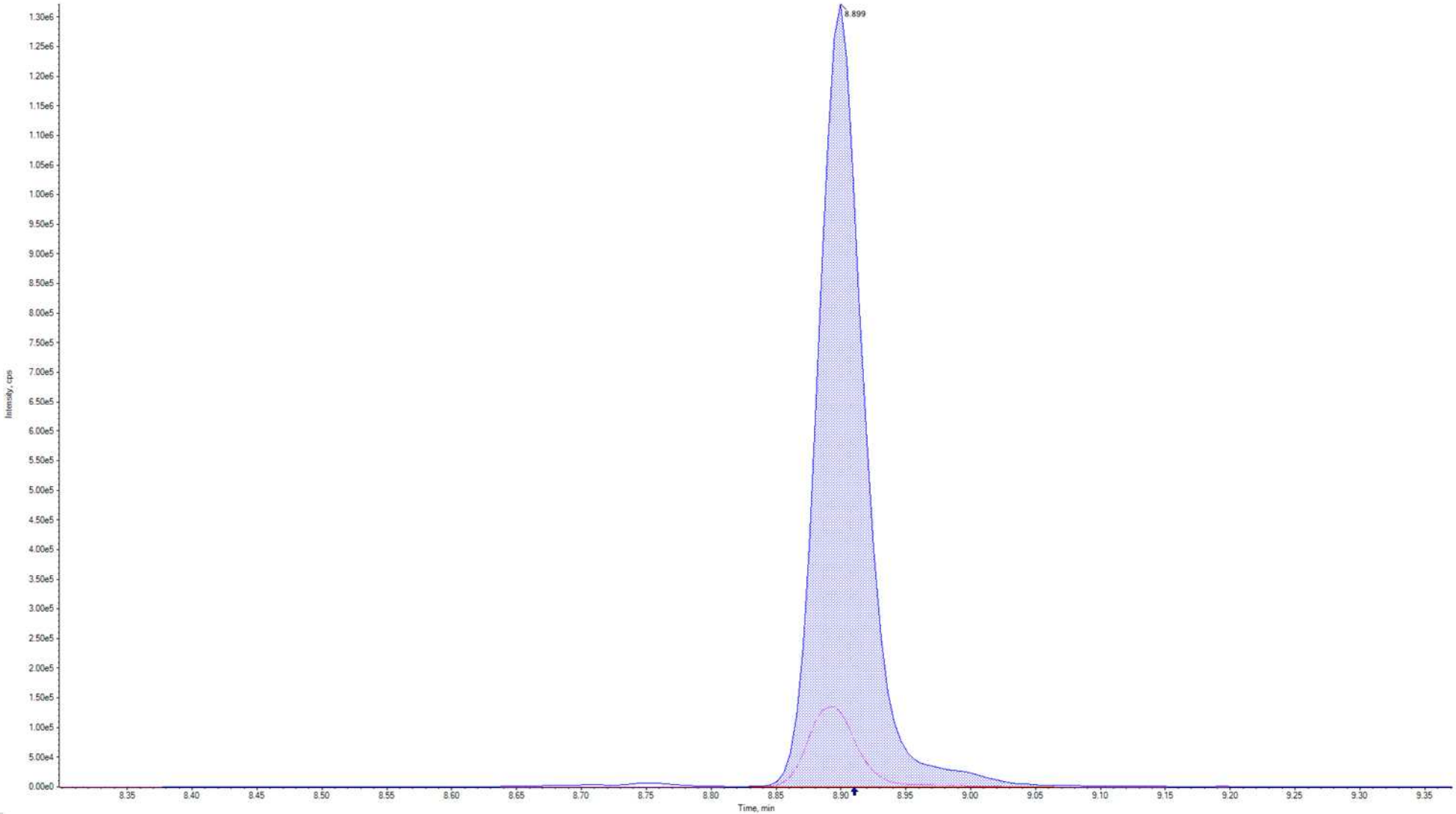
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFUnA_2
Sample: CA1633STD-10 S/N:2054.6 Points Across peak:26



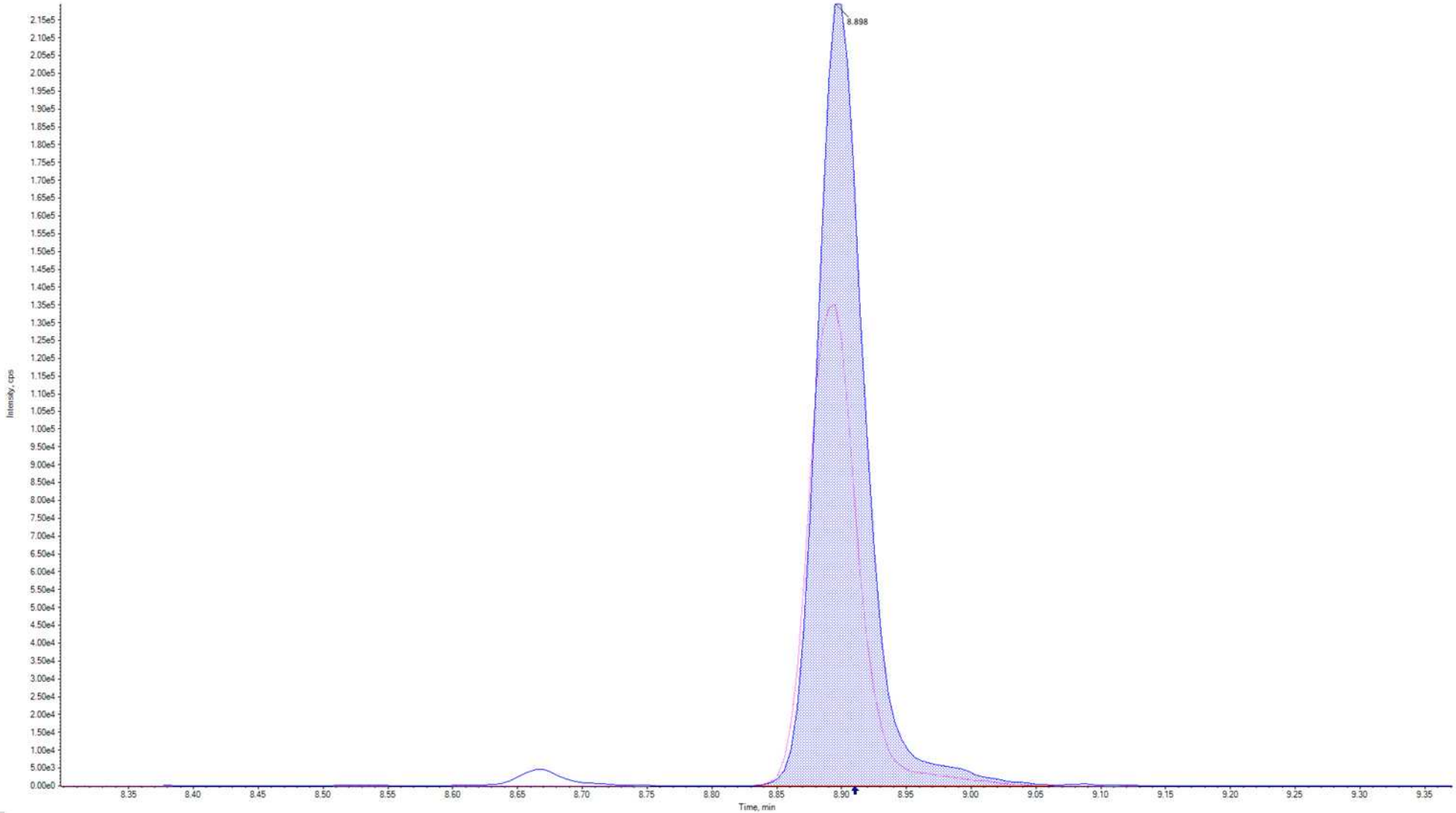
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFDoA
Sample: CA1633STD-10 S/N:5516.4 Points Across peak:49



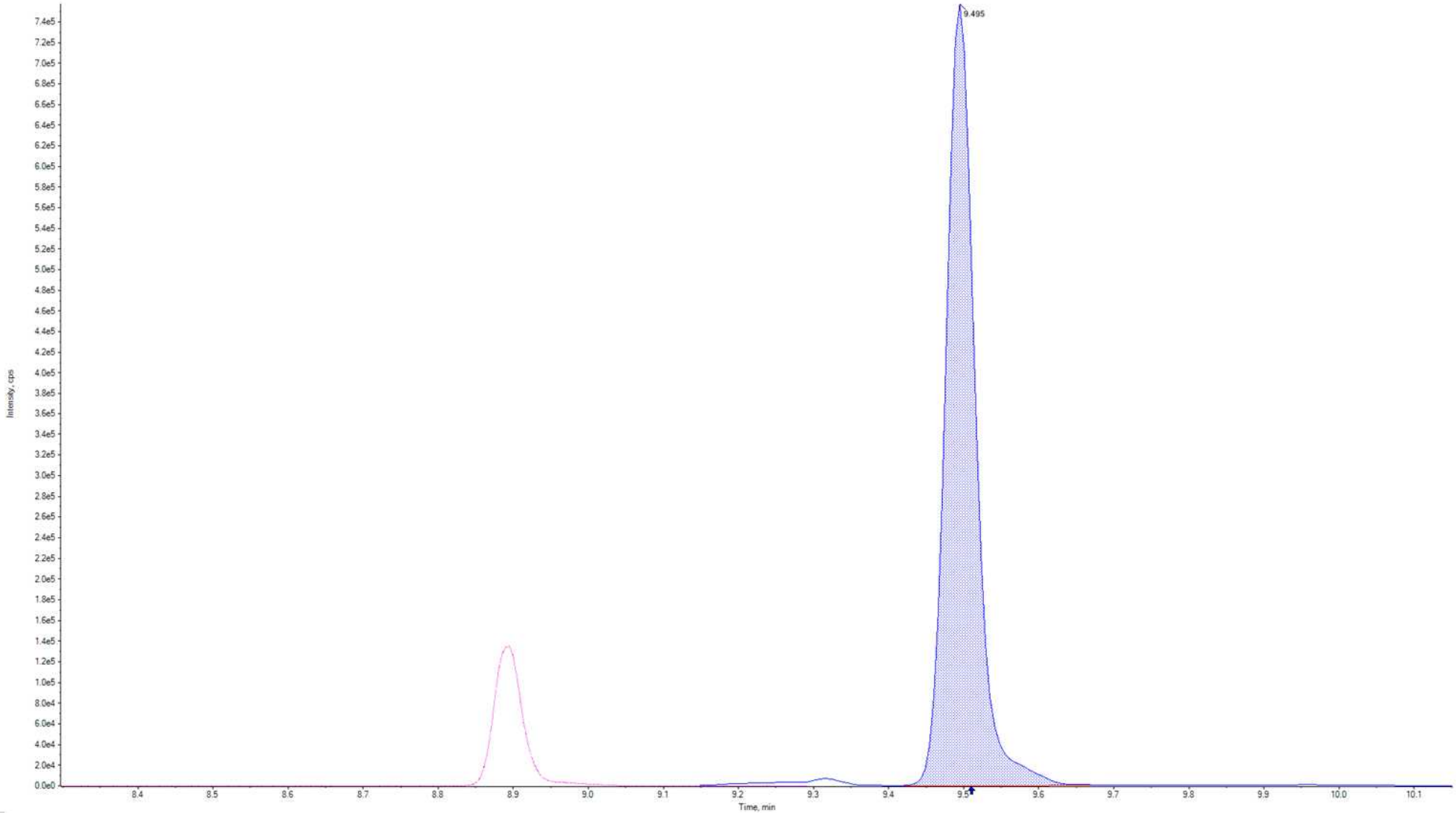
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFDoA_2
Sample: CA1633STD-10 S/N:27837.4 Points Across peak:48



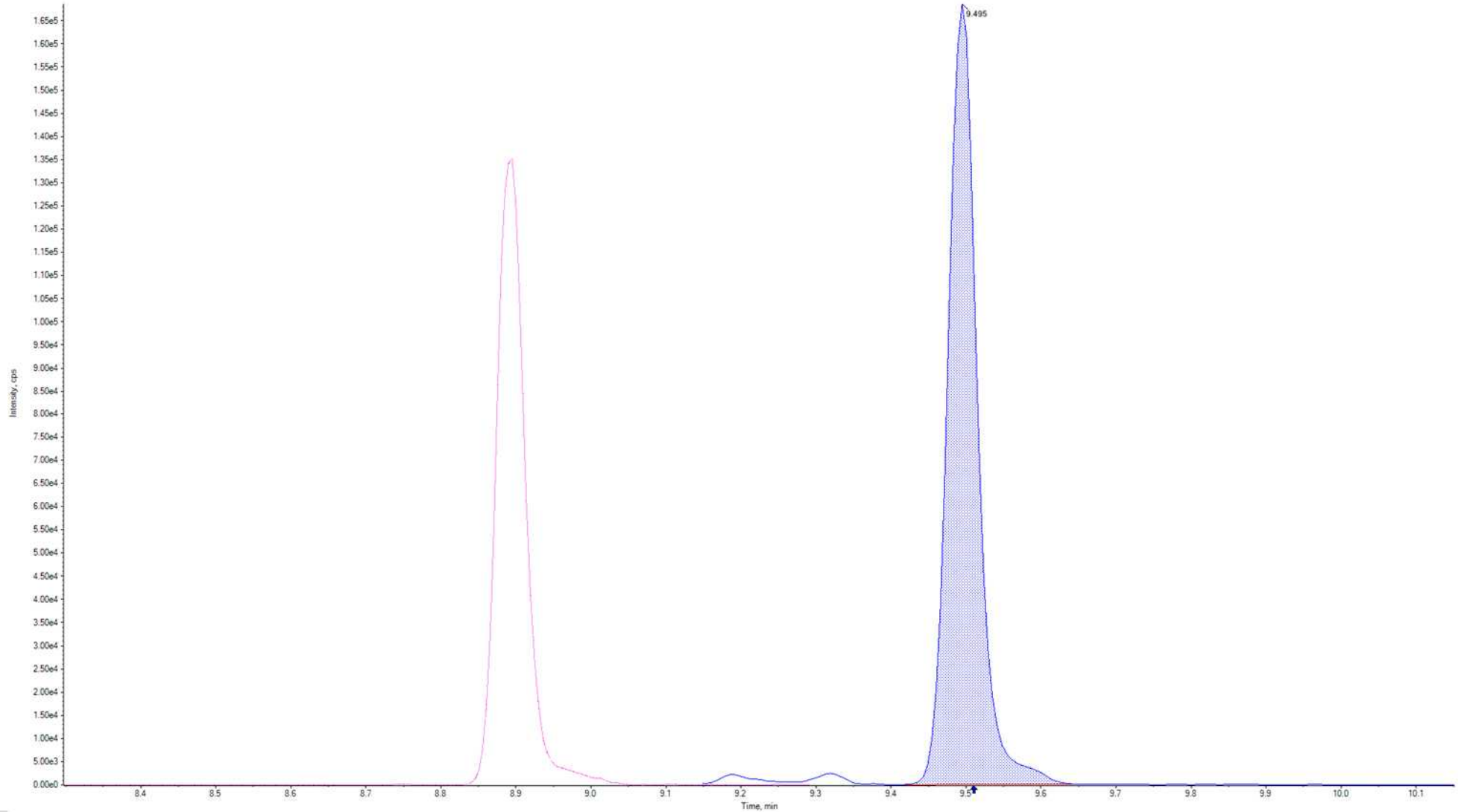
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFTrDA
Sample: CA1633STD-10 S/N:2826.9 Points Across peak:52



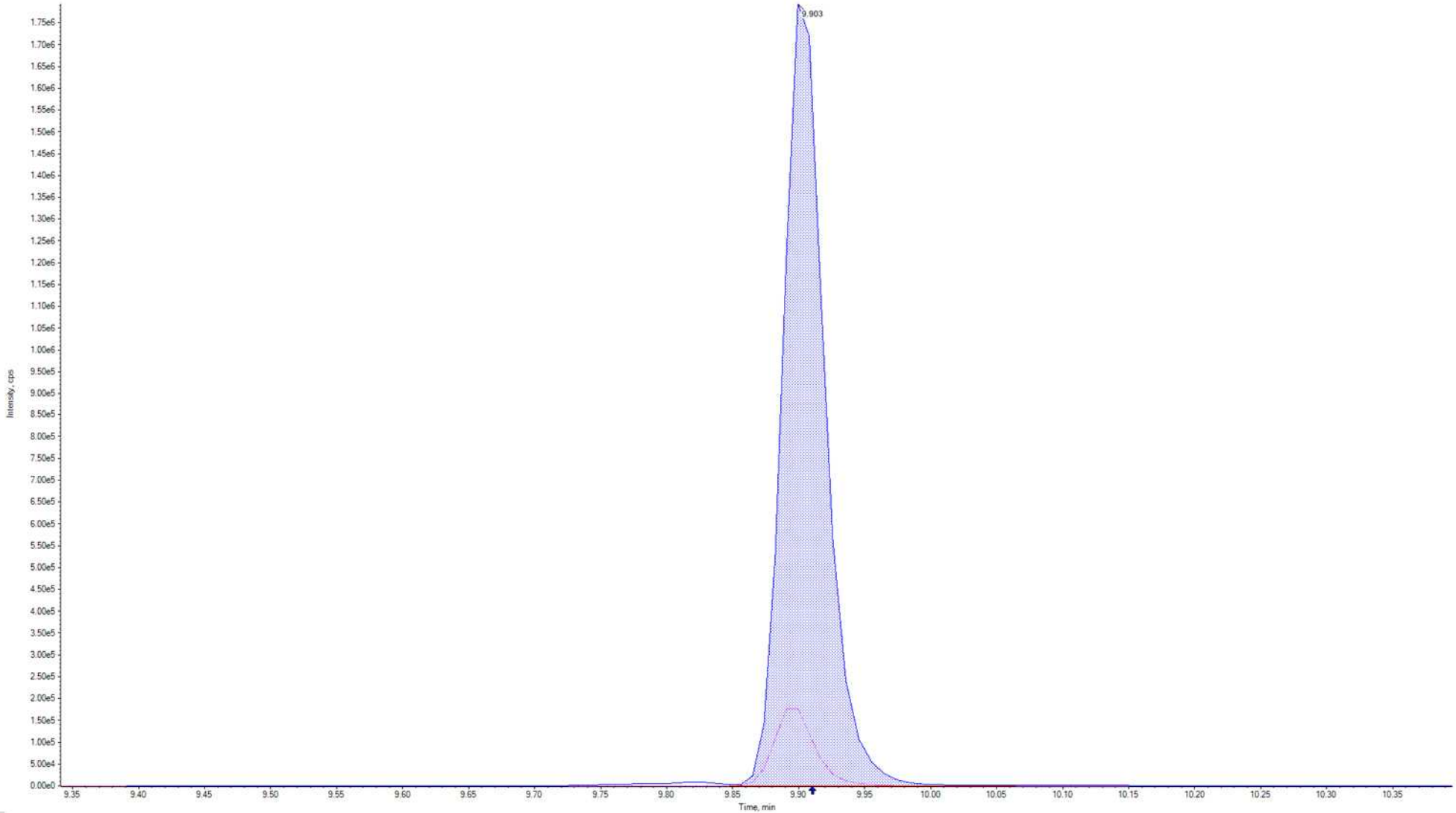
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFTrDA_2
Sample: CA1633STD-10 S/N:11826.6 Points Across peak:39



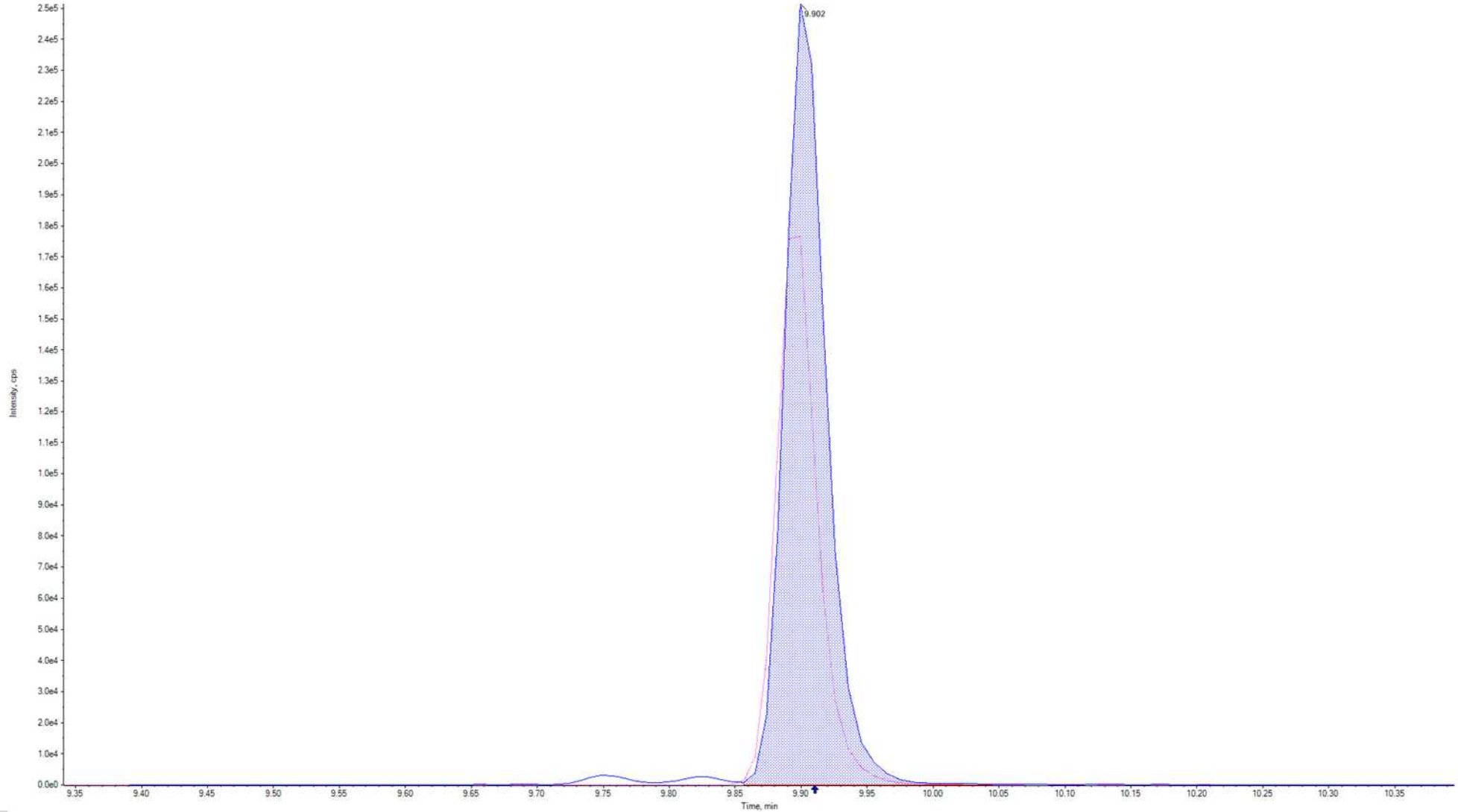
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFTeDA
Sample: CA1633STD-10 S/N:4428.5 Points Across peak:24



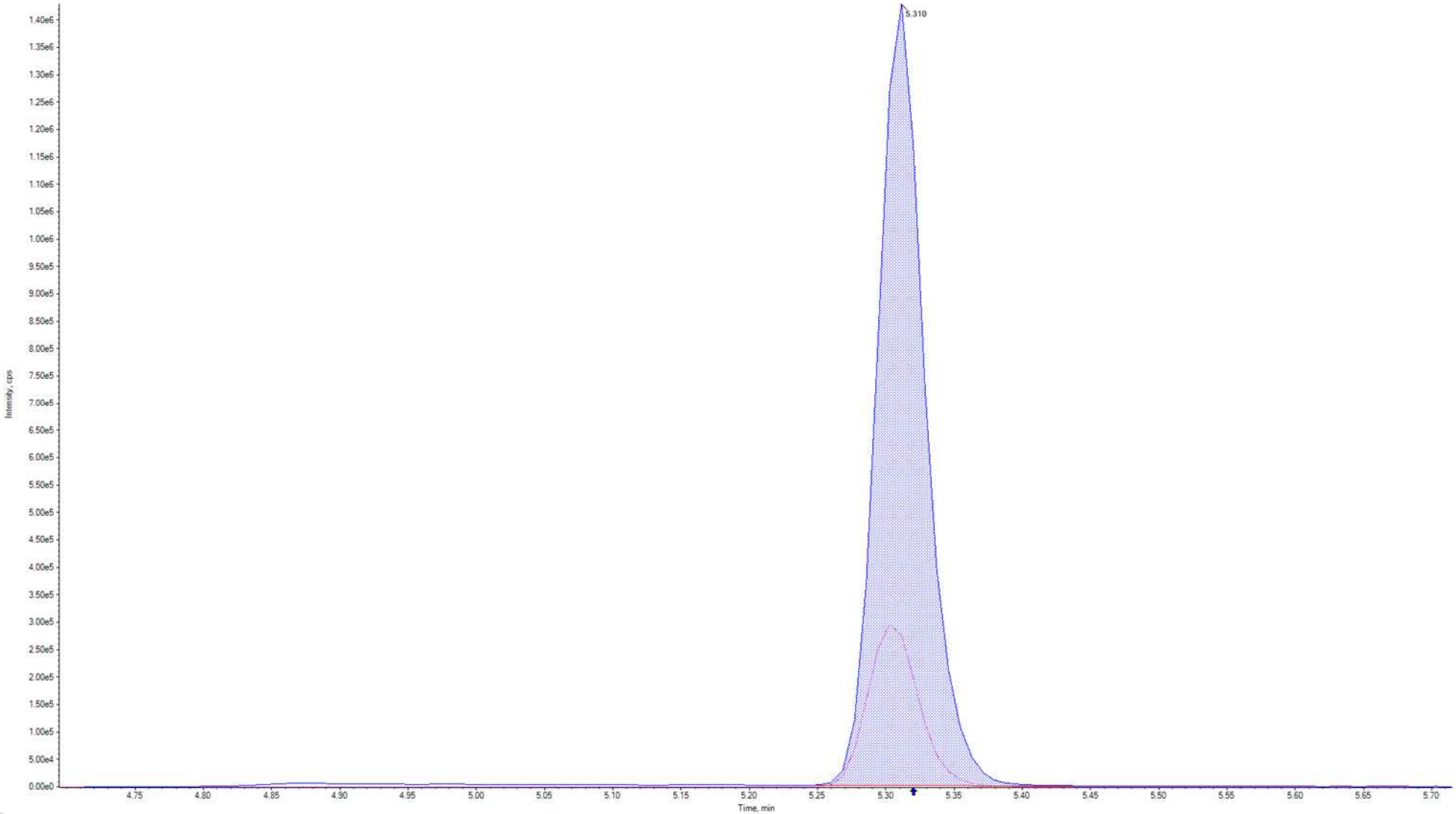
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFTeDA_2
Sample: CA1633STD-10 S/N:1673093.3 Points Across peak:21



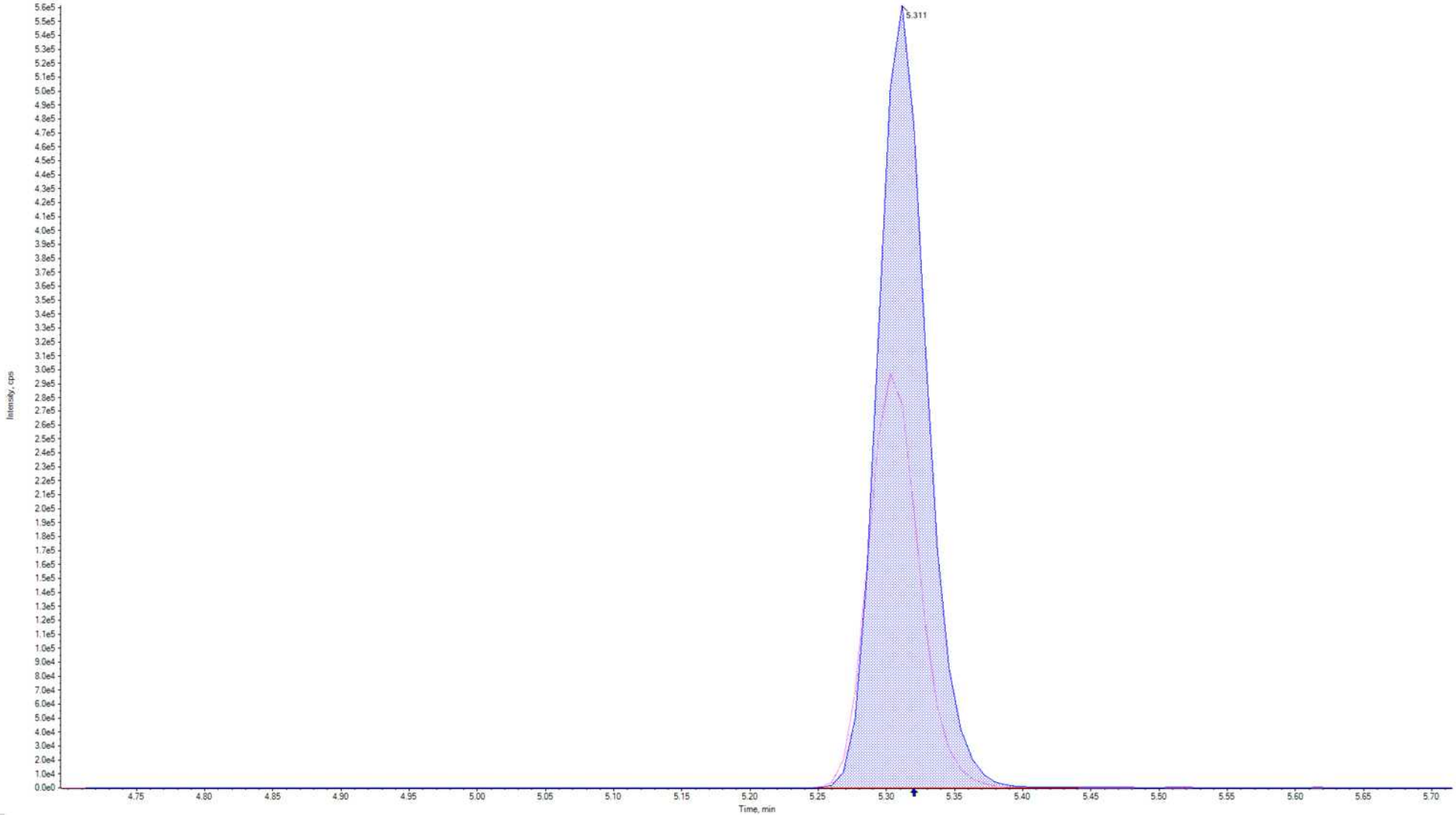
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFBS
Sample: CA1633STD-10 S/N:63.8 Points Across peak:31



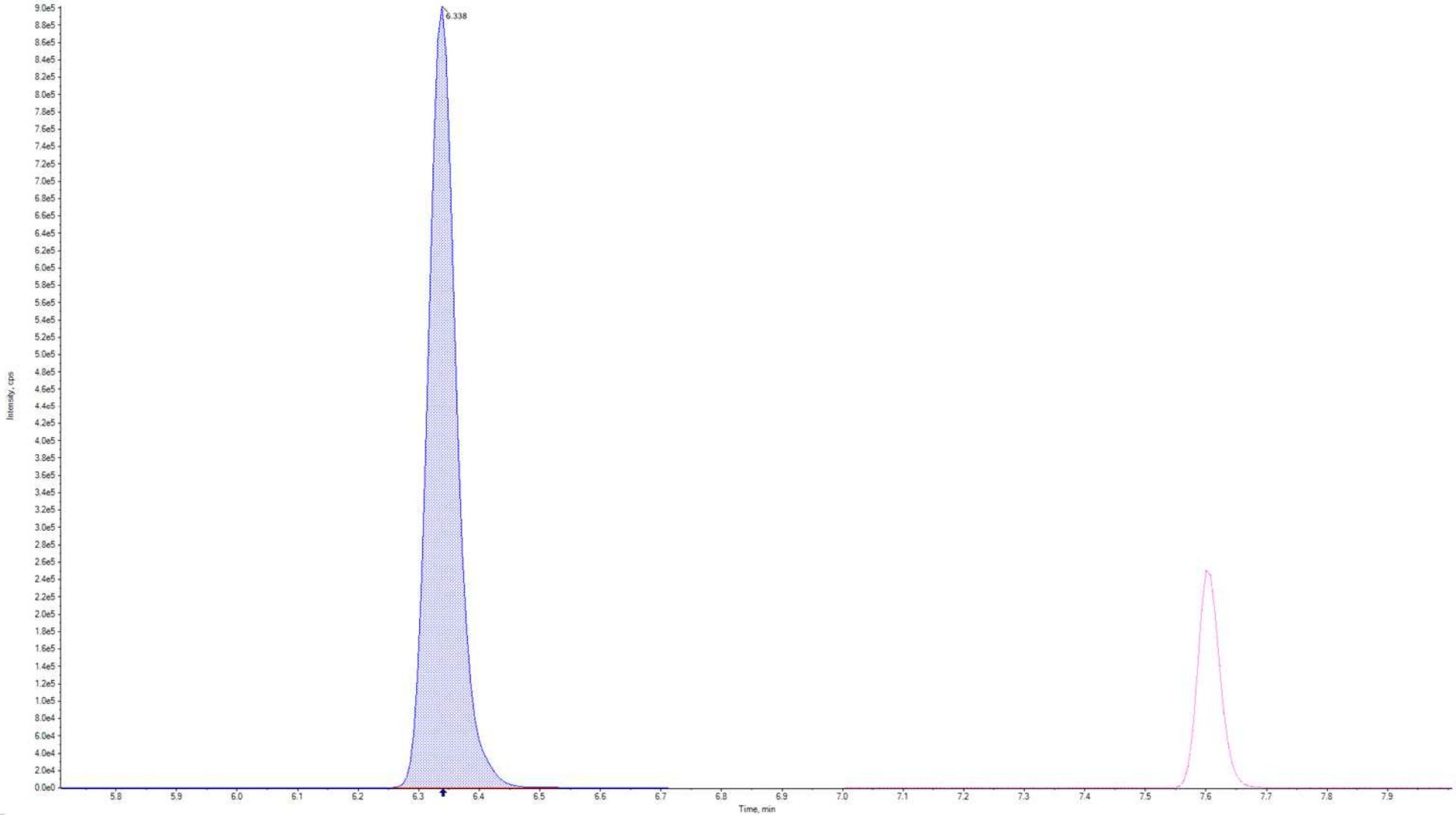
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFBS_2
Sample: CA1633STD-10 S/N:5797.7 Points Across peak:29



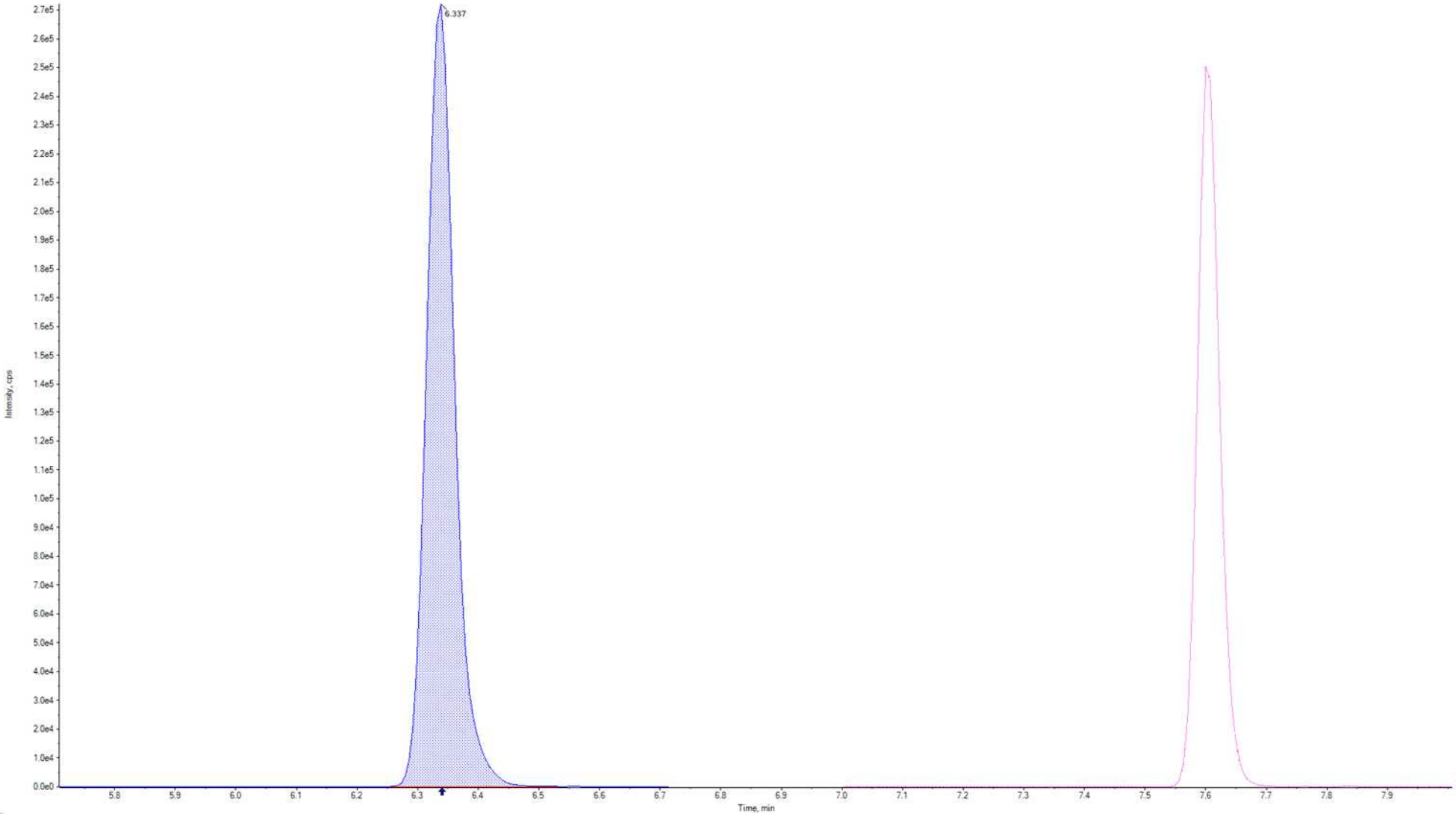
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFPeS
Sample: CA1633STD-10 S/N:14664.2 Points Across peak:53



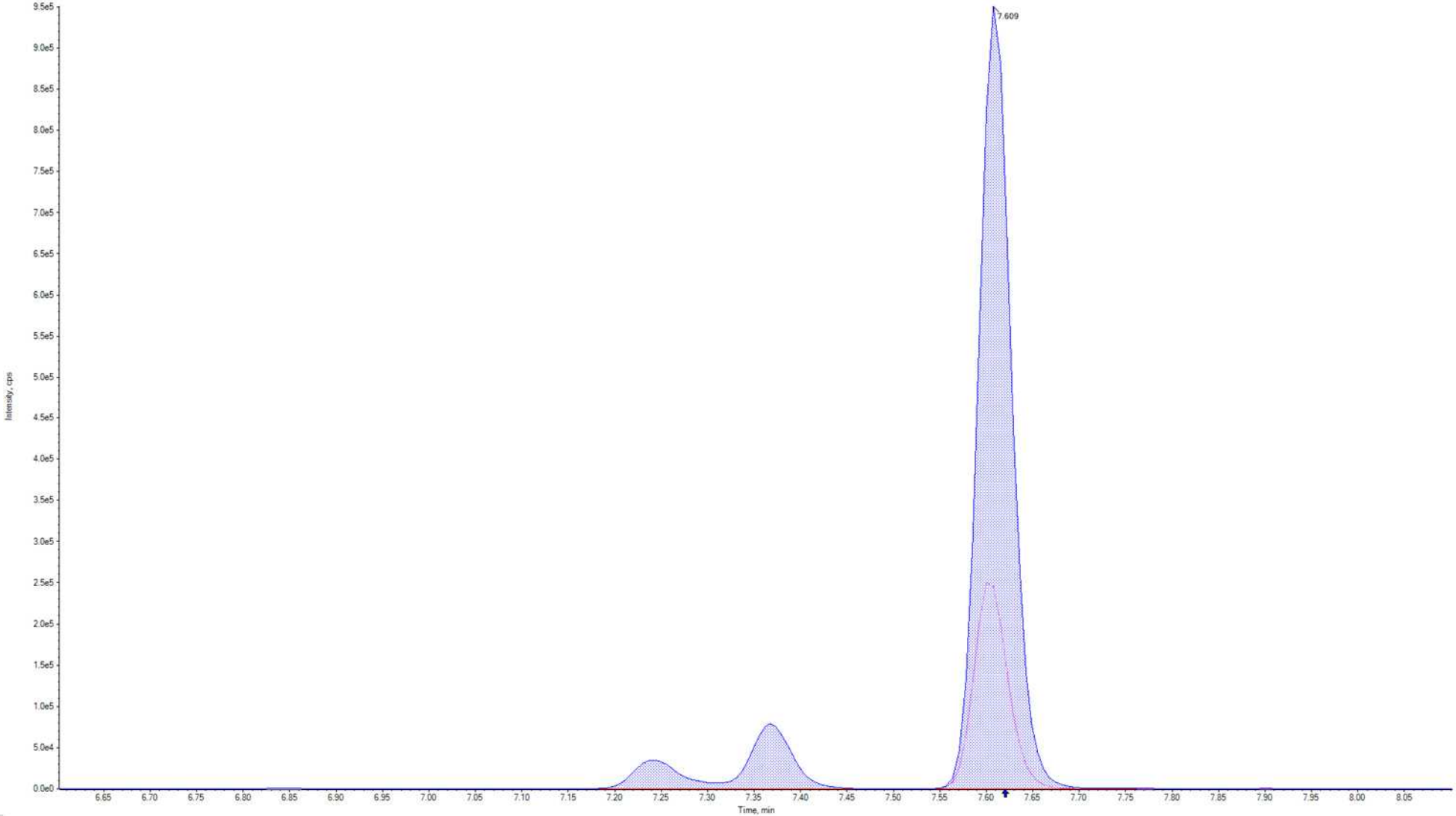
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFPeS_2
Sample: CA1633STD-10 S/N:20084.9 Points Across peak:45



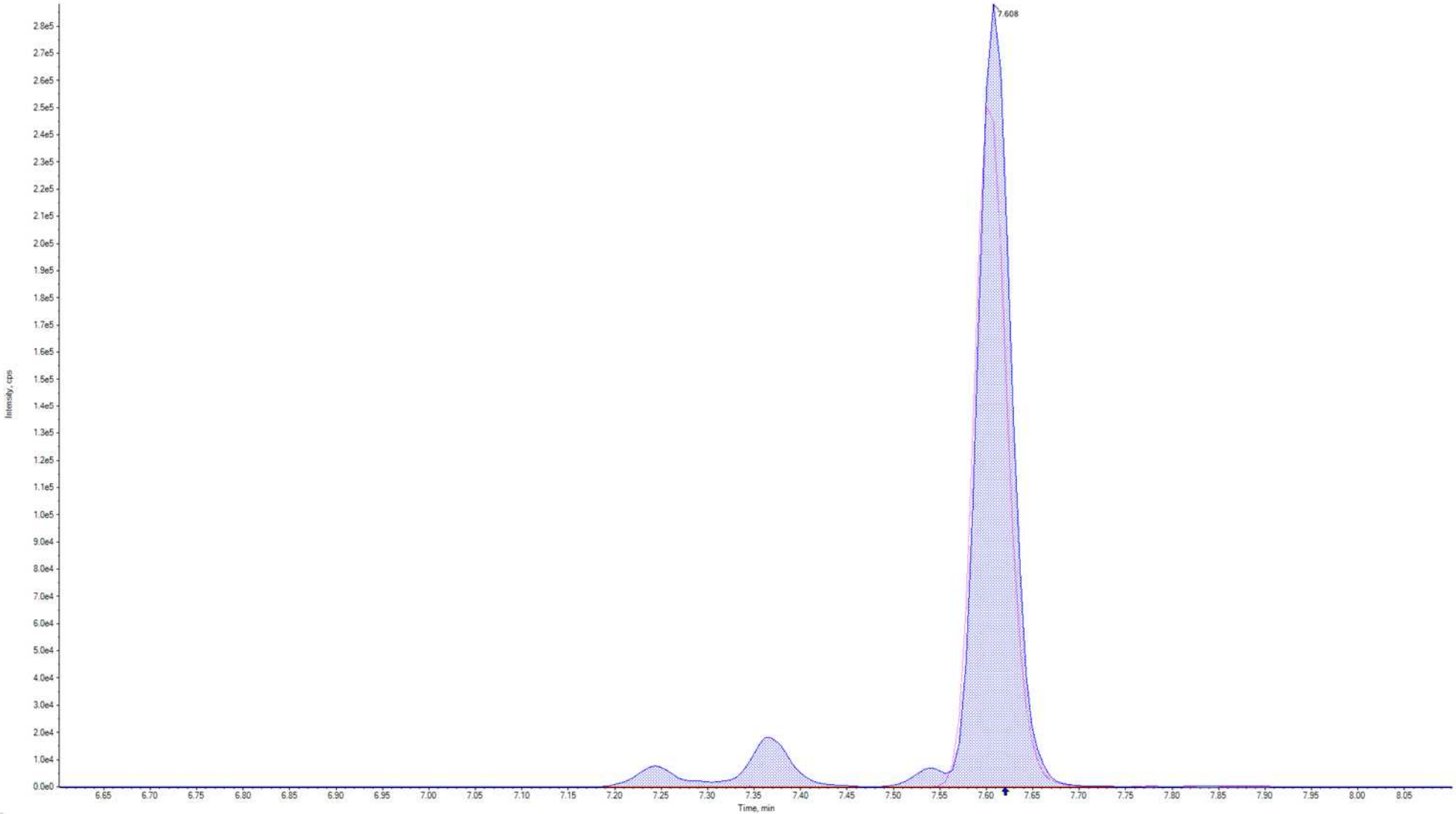
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFHxS
Sample: CA1633STD-10 S/N:18283.3 Points Across peak:96



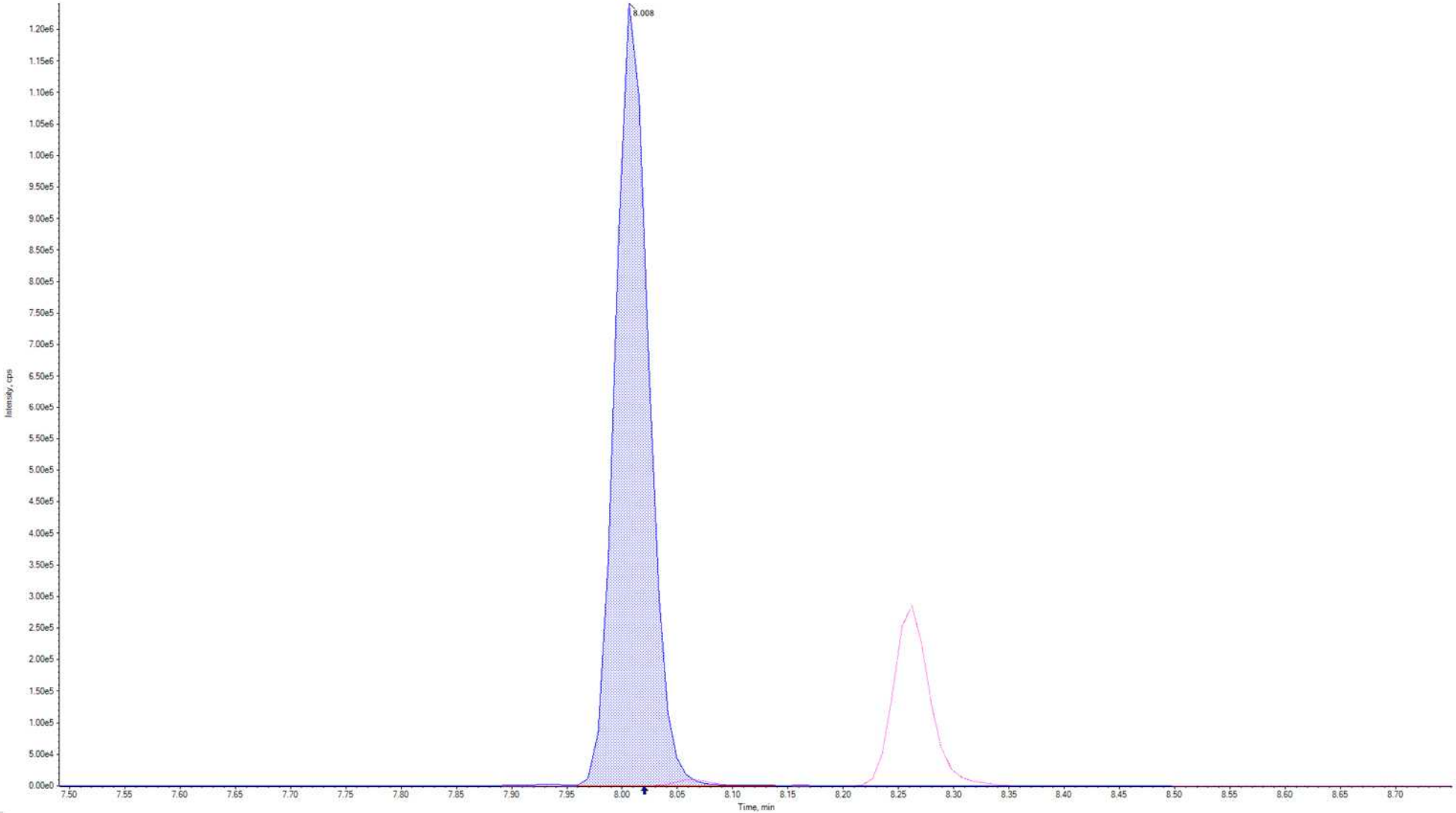
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFHxS_2
Sample: CA1633STD-10 S/N:2847794.3 Points Across peak:95



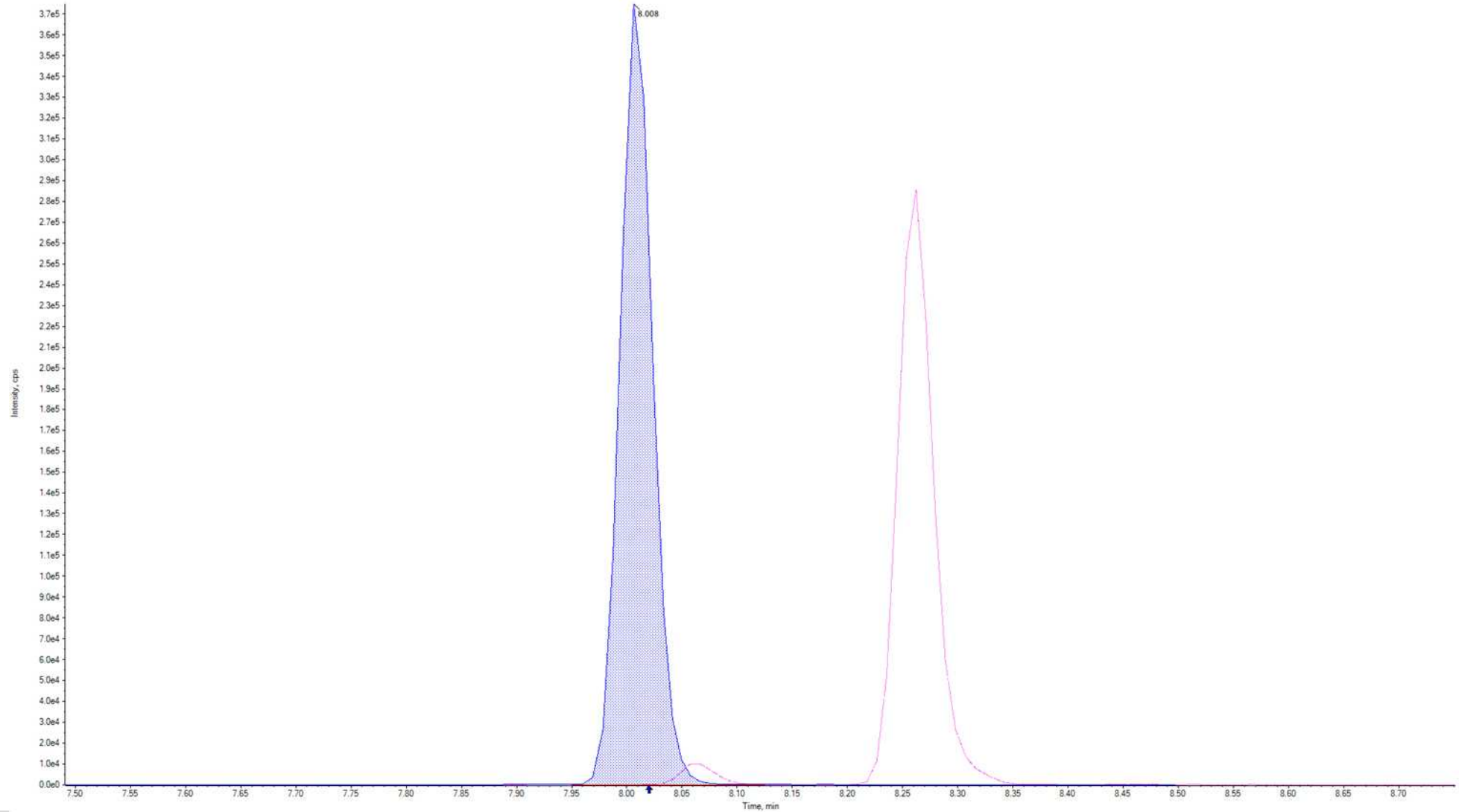
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFHpS
Sample: CA1633STD-10 S/N:30011.9 Points Across peak:23



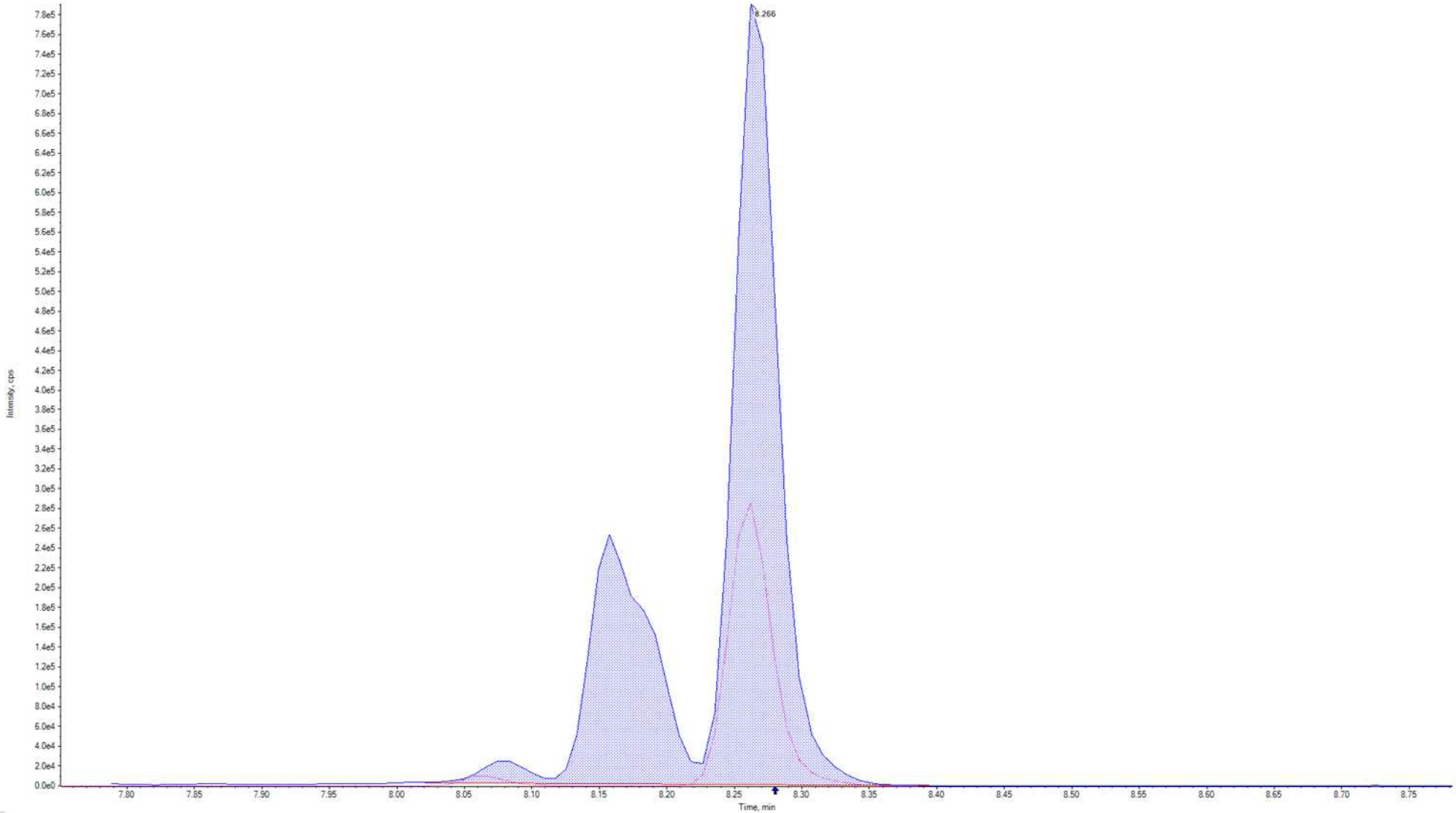
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFHpS_2
Sample: CA1633STD-10 S/N:2290.8 Points Across peak:21



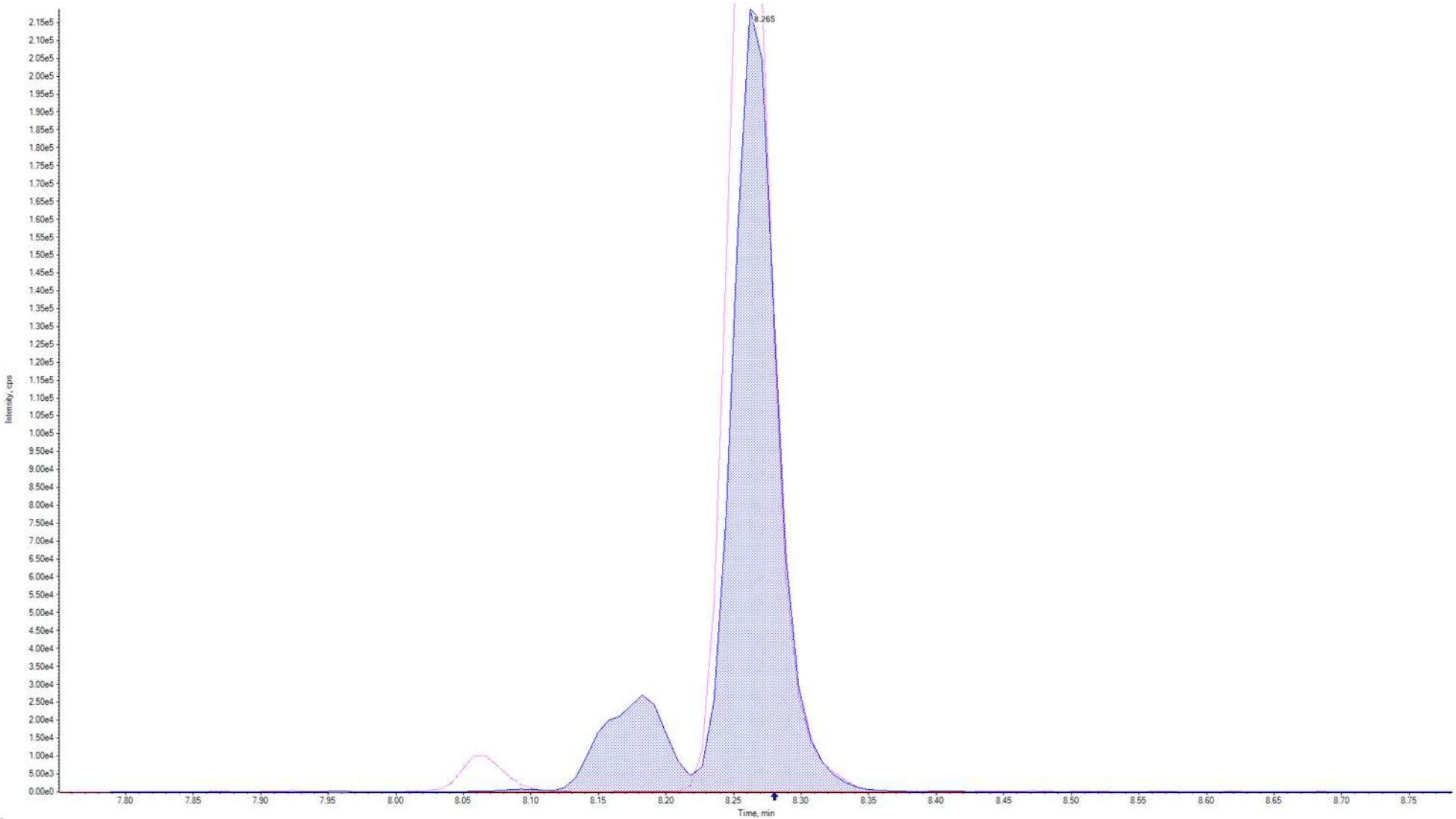
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFOS
Sample: CA1633STD-10 S/N:2268.9 Points Across peak:45



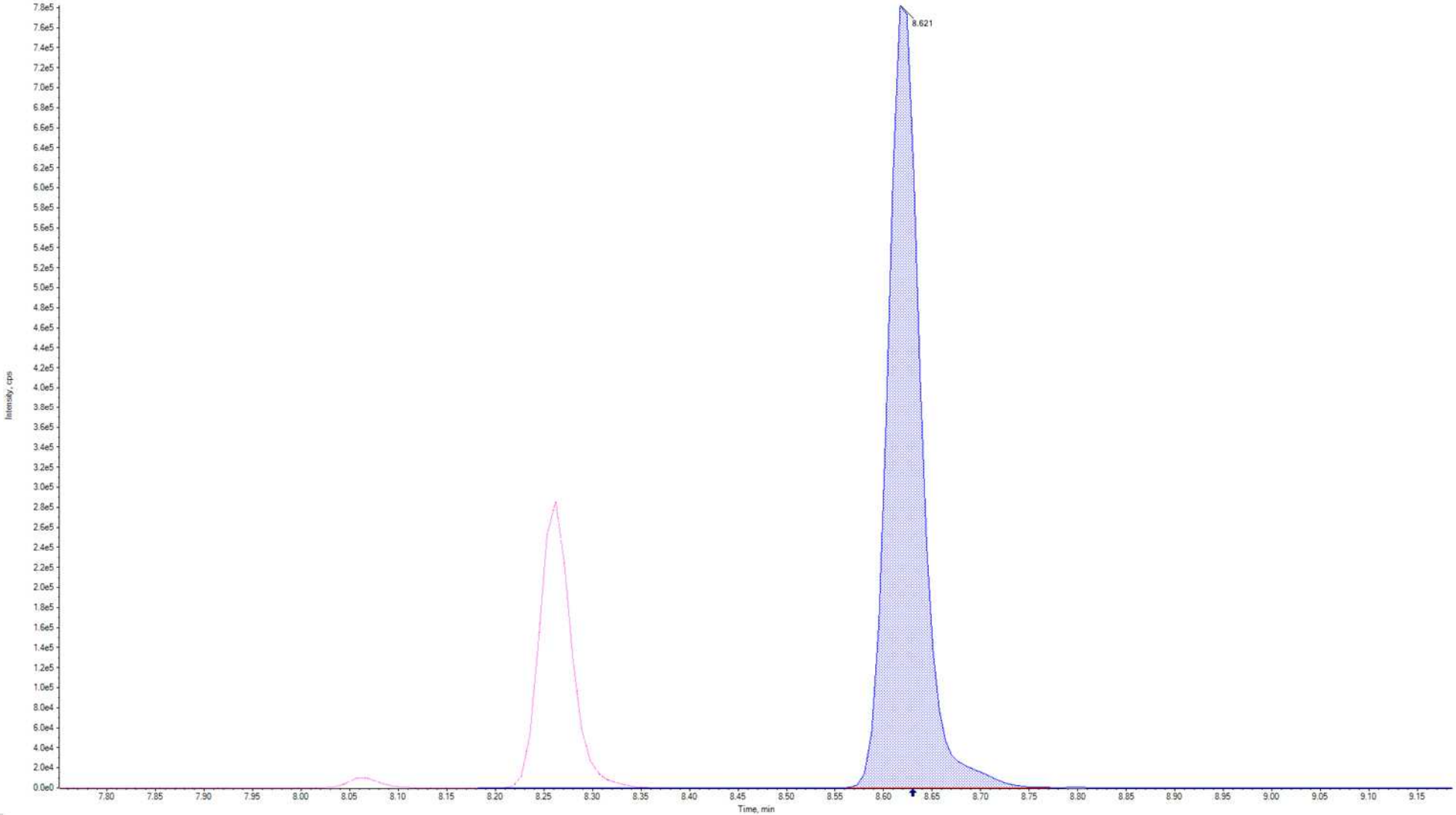
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFOS_2
Sample: CA1633STD-10 S/N:1865.7 Points Across peak:49



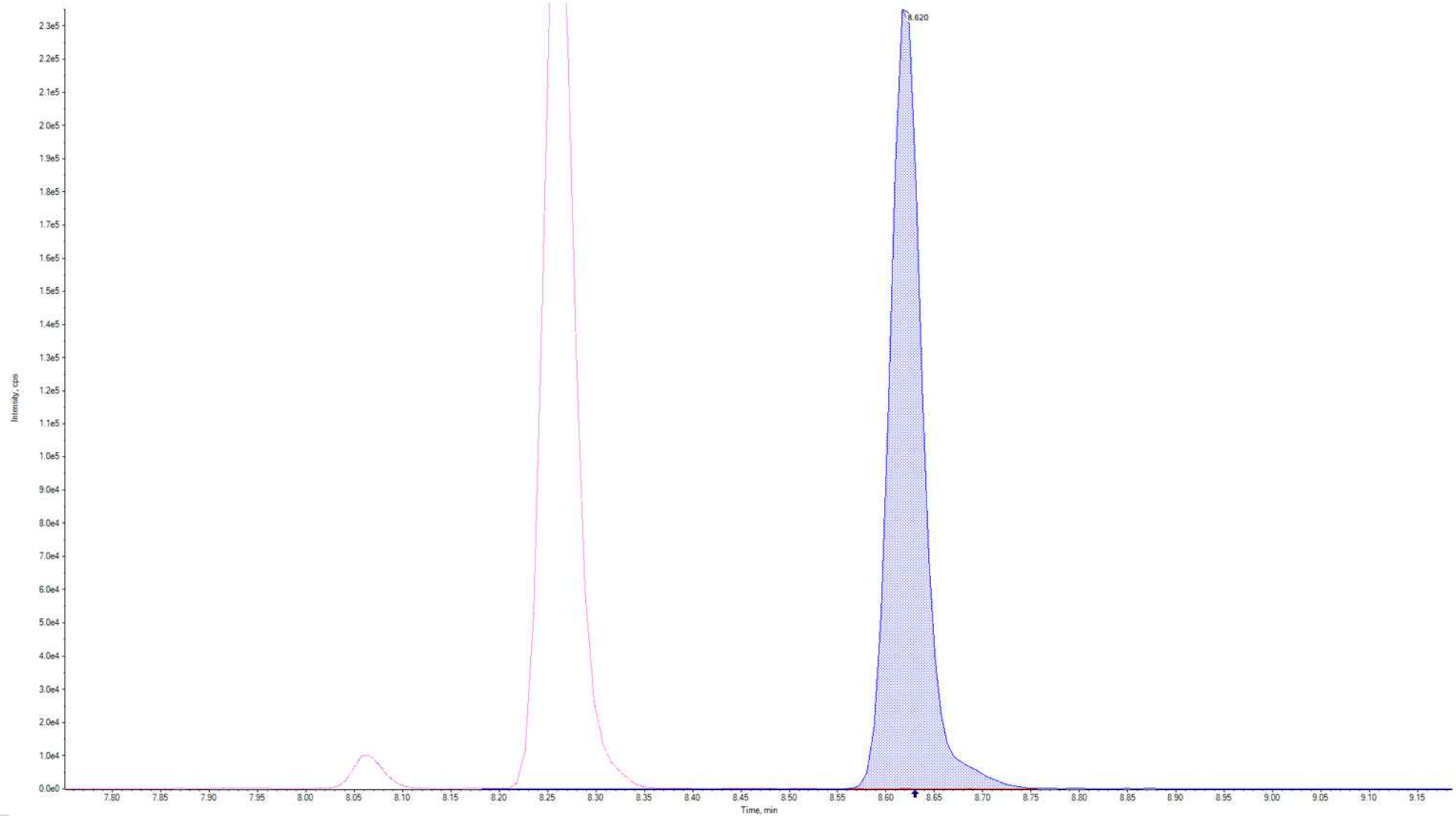
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFNS
Sample: CA1633STD-10 S/N:11818.0 Points Across peak:37



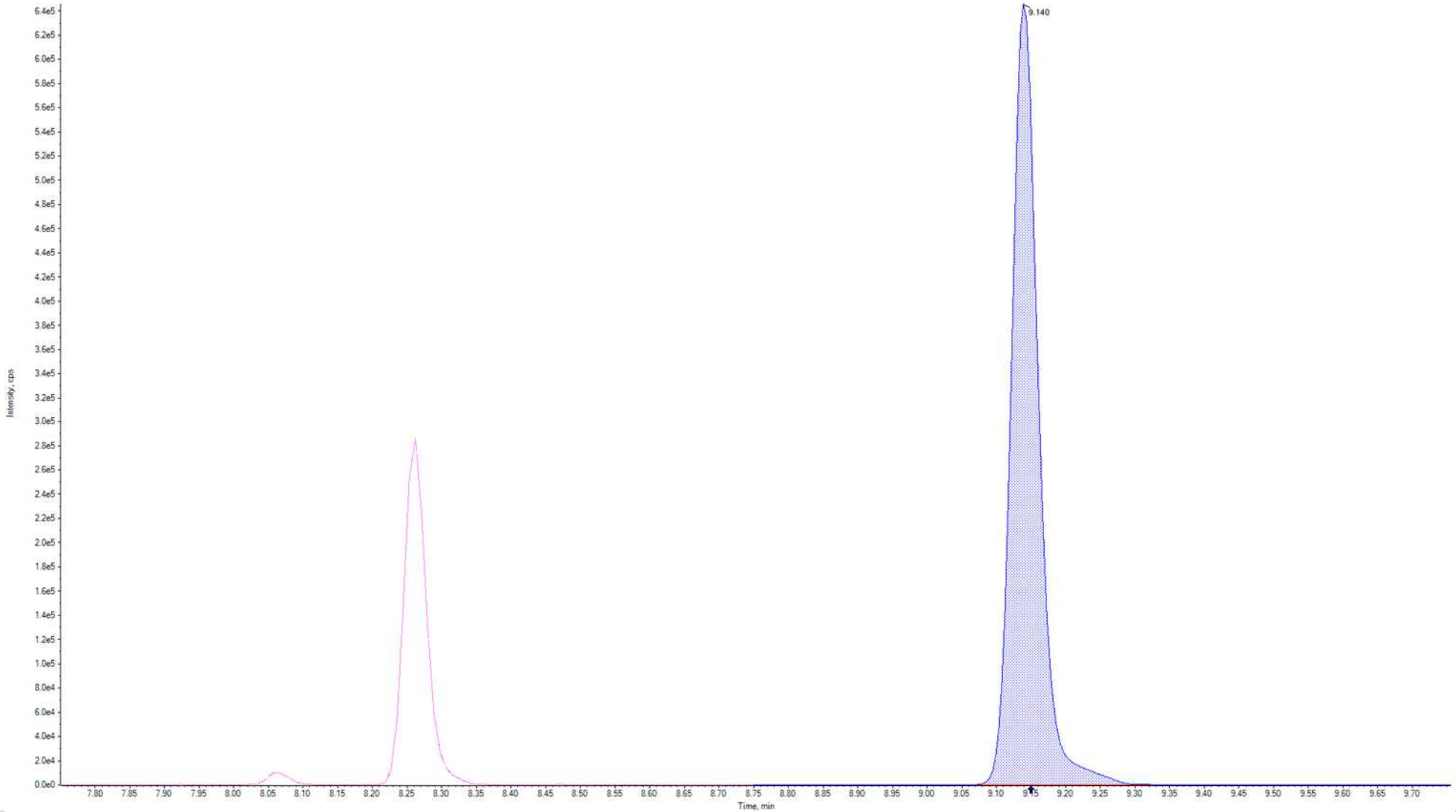
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFNS_2
Sample: CA1633STD-10 S/N:7253.3 Points Across peak:35



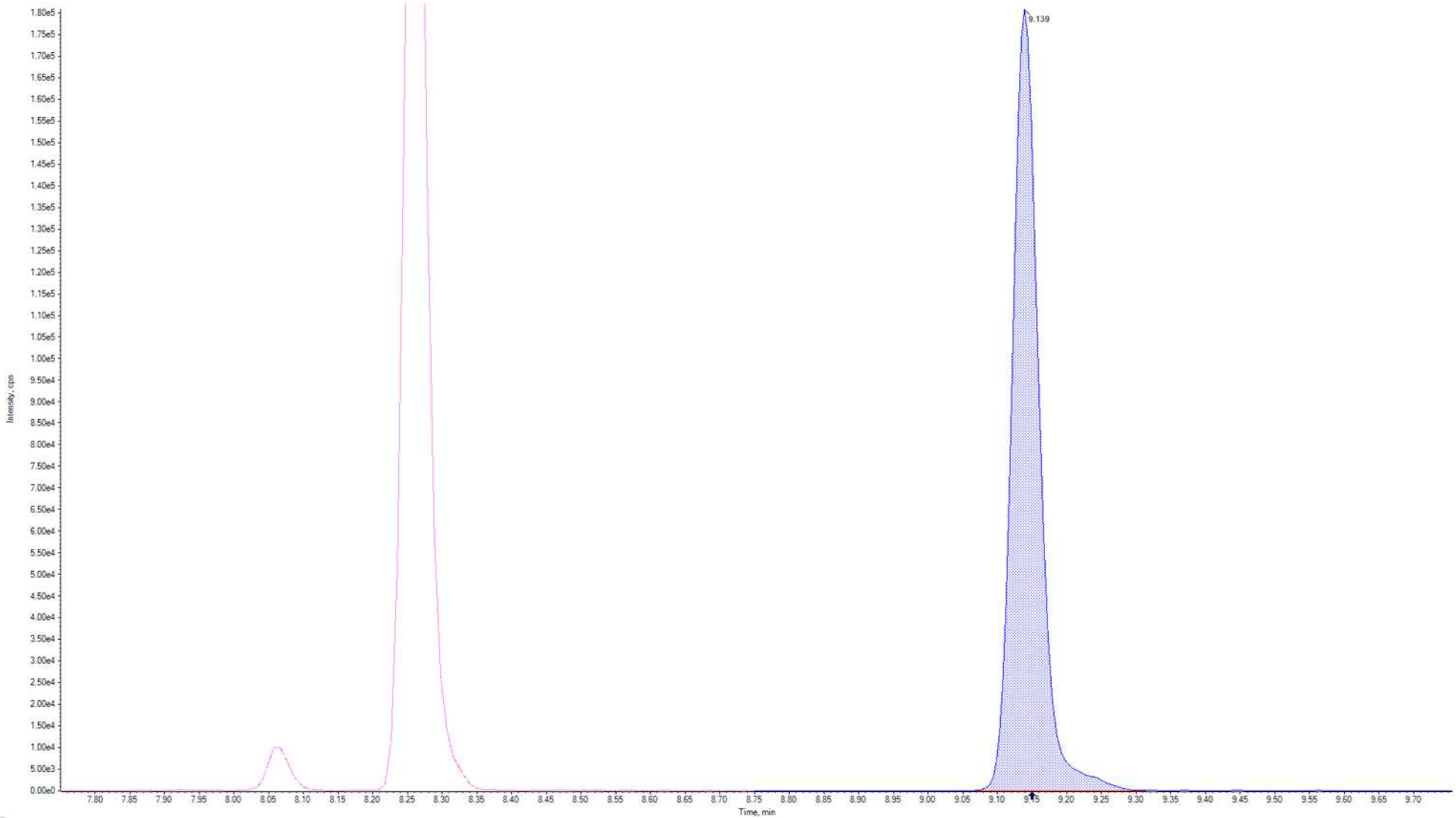
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFDS
Sample: CA1633STD-10 S/N:20044.8 Points Across peak:57



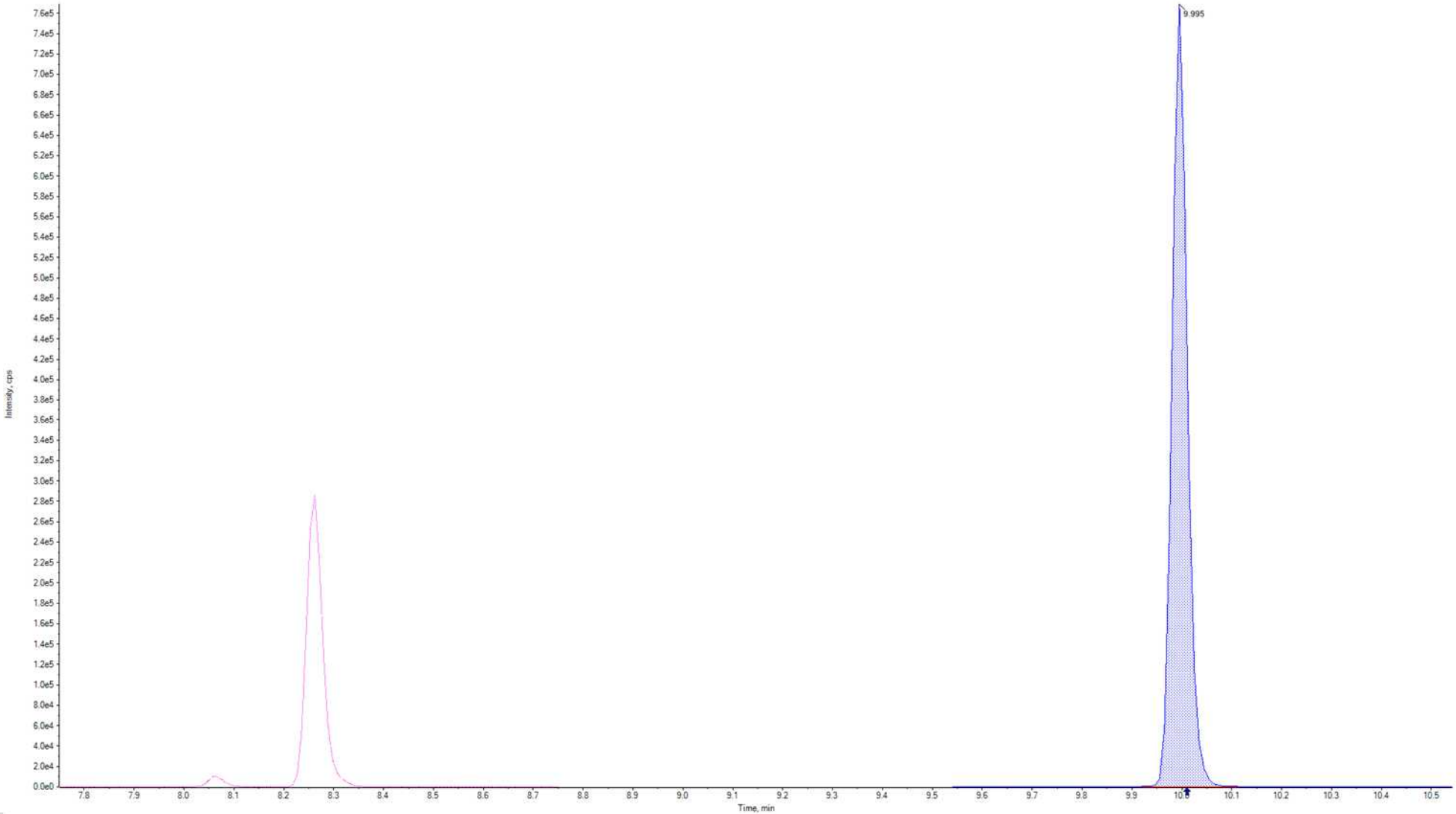
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFDS_2
Sample: CA1633STD-10 S/N:485473.6 Points Across peak:52



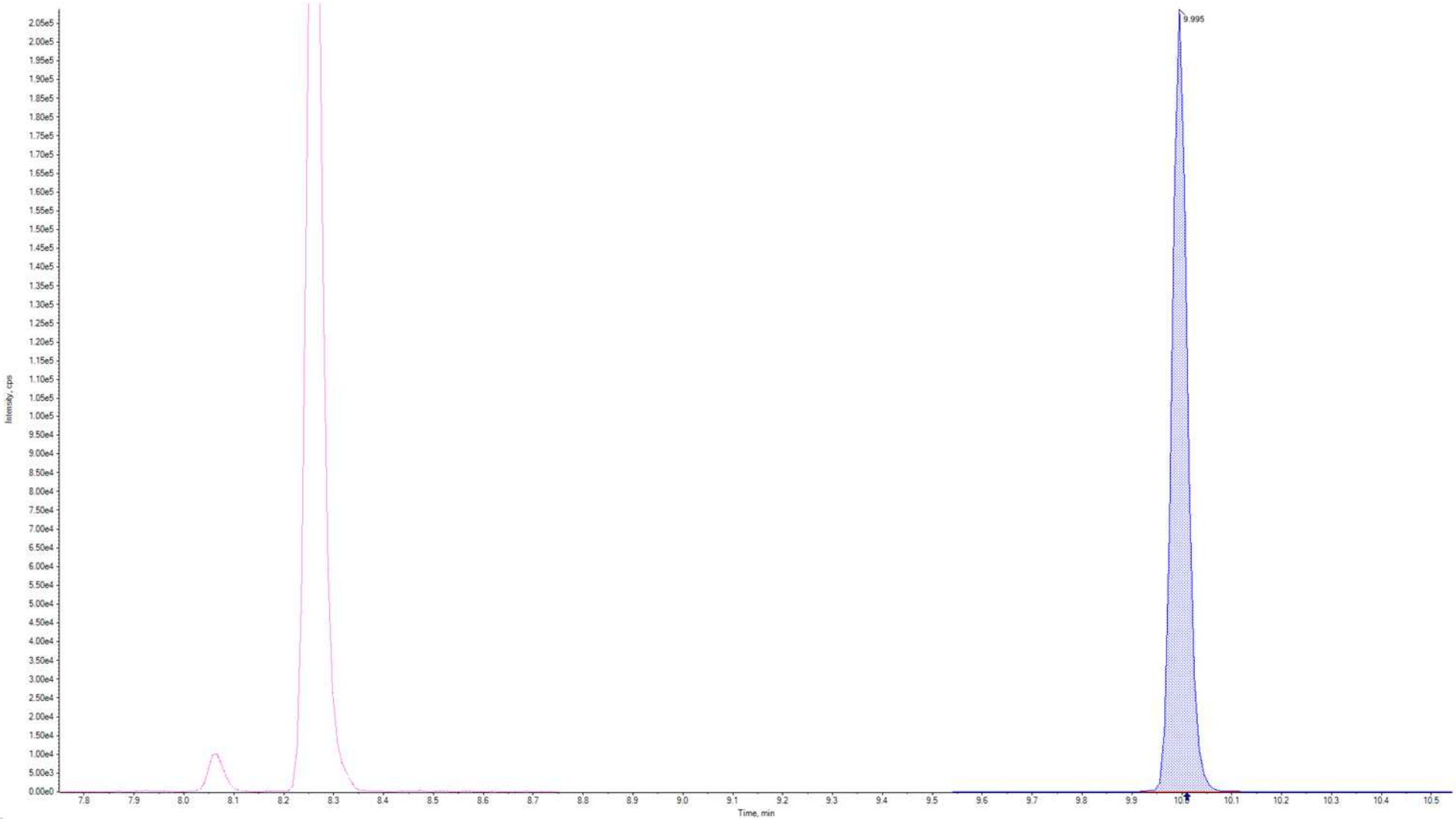
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFDoS
Sample: CA1633STD-10 S/N:13001.9 Points Across peak:25



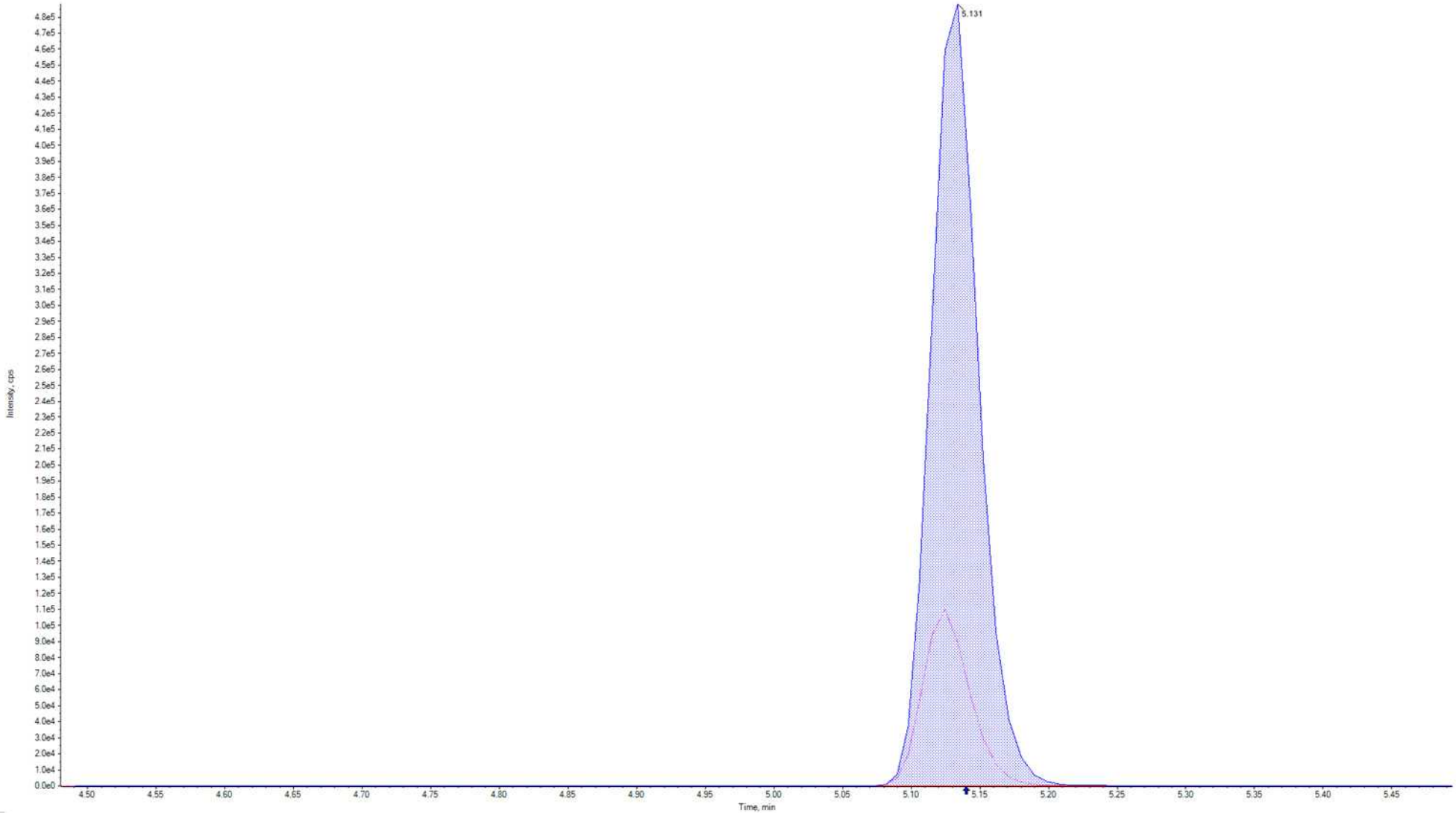
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFDoS_2
Sample: CA1633STD-10 S/N:3690.6 Points Across peak:32



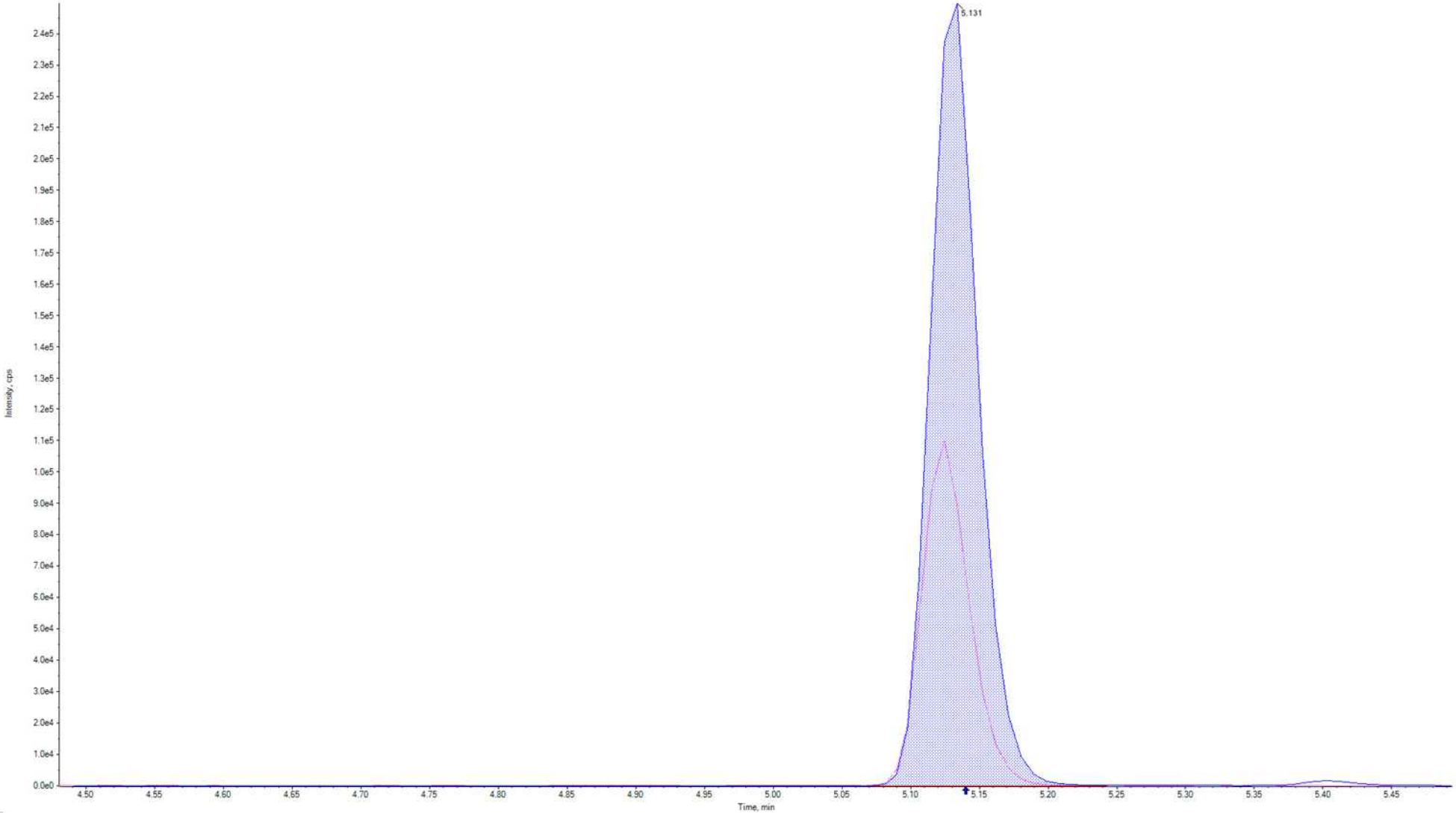
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

4:2FTS
Sample: CA1633STD-10 S/N:5001.8 Points Across peak:29



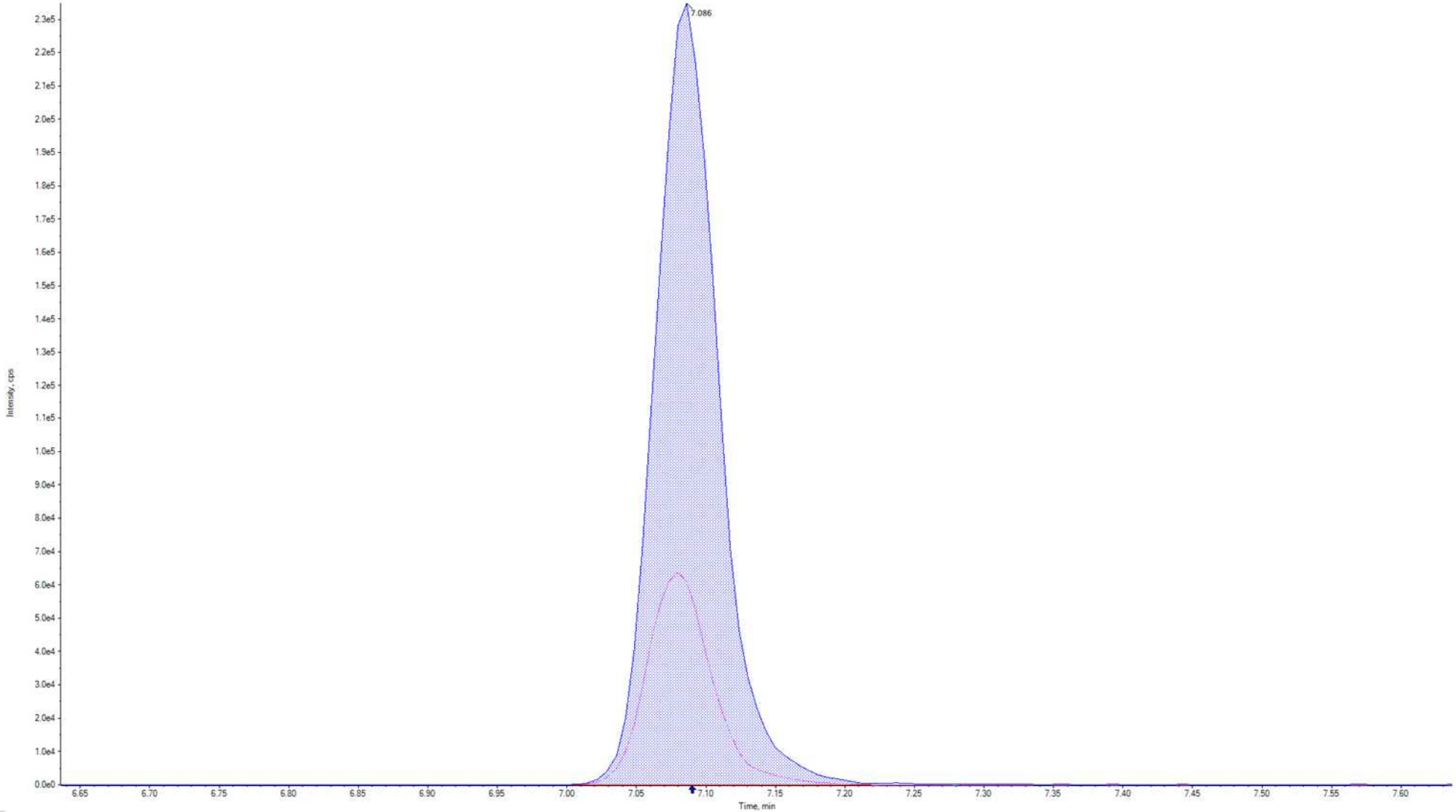
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

4:2FTS_2
Sample: CA1633STD-10 S/N:6484.9 Points Across peak:22



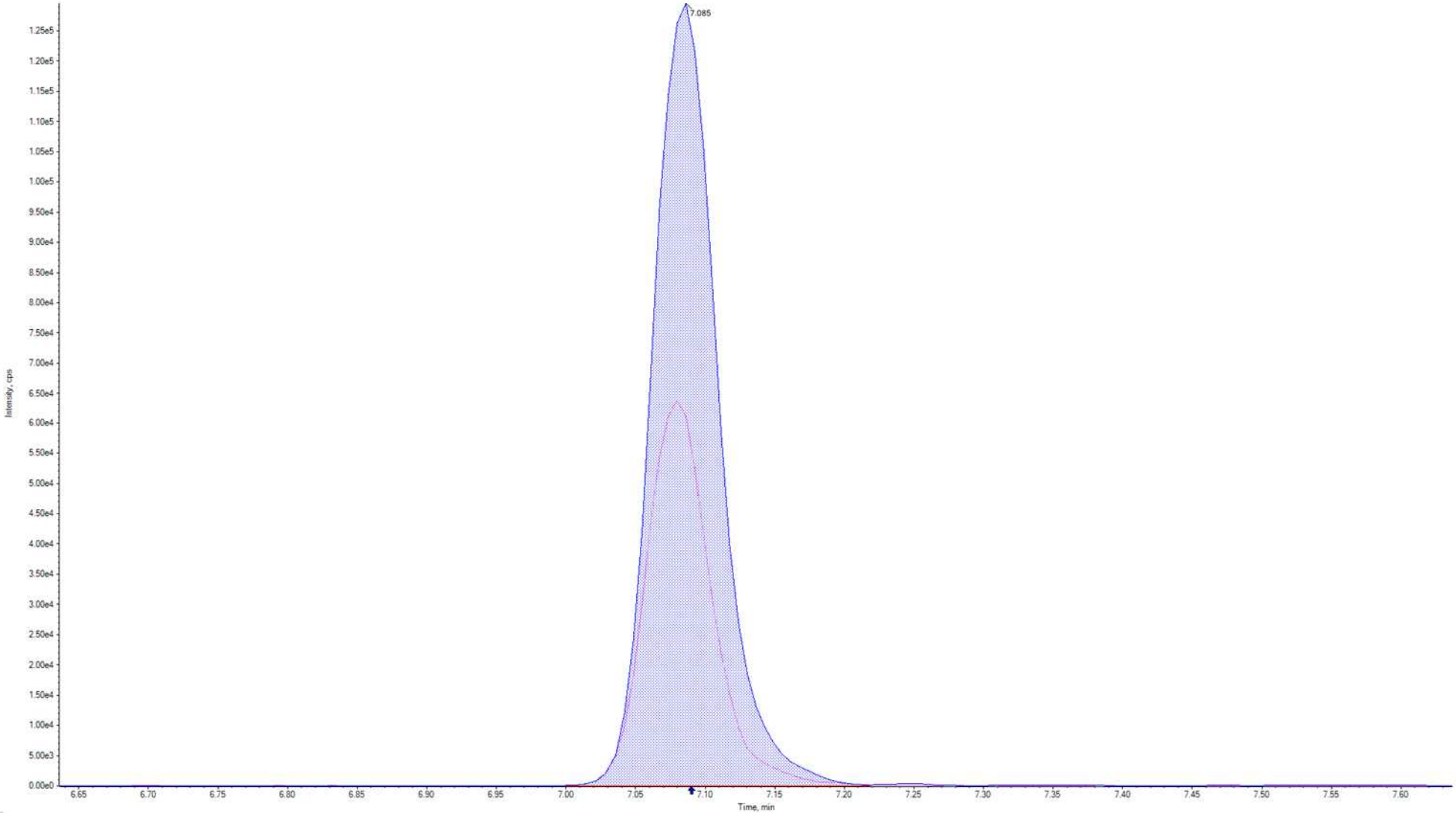
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

6:2FTS
Sample: CA1633STD-10 S/N:2793.4 Points Across peak:38



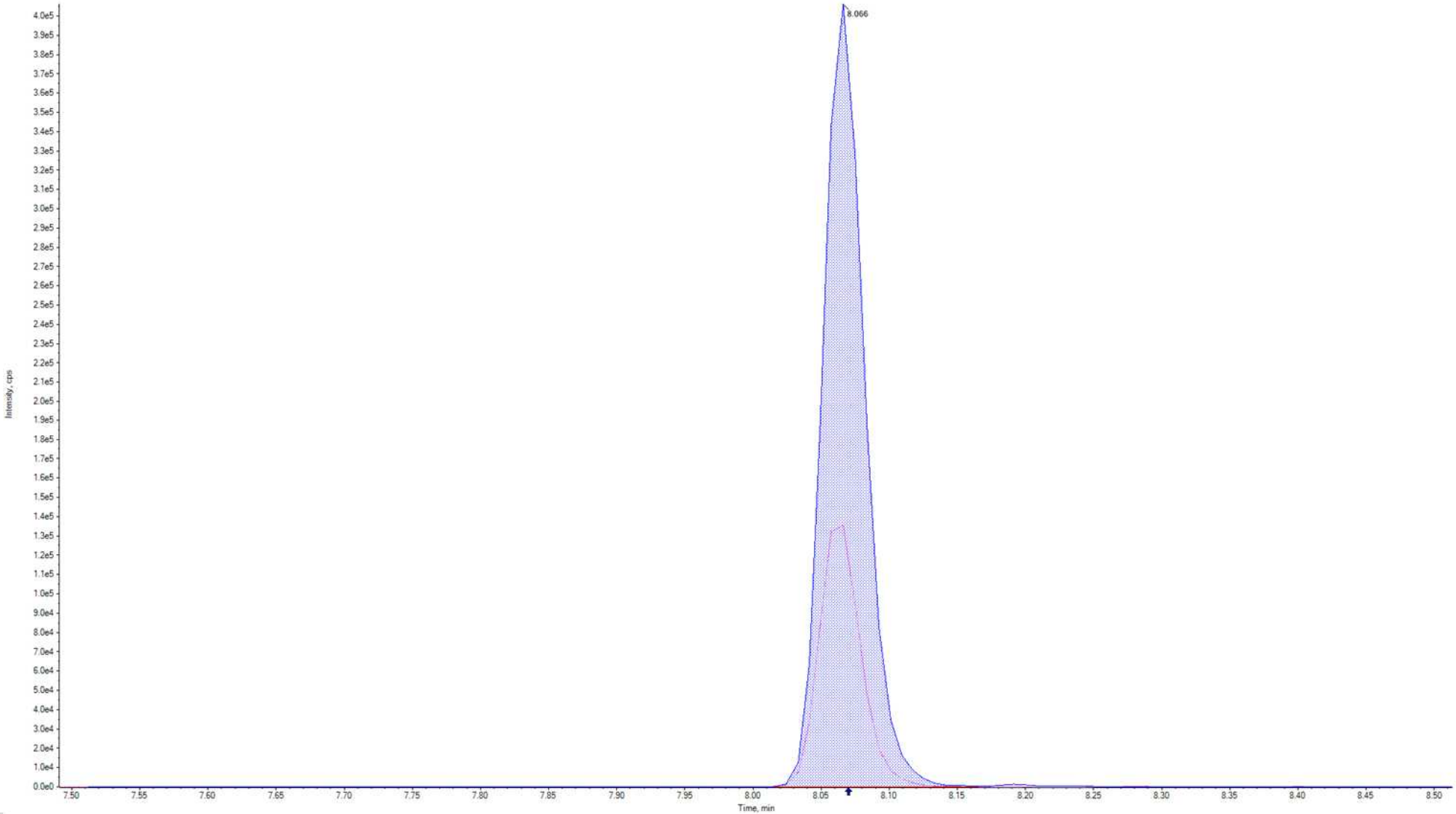
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

6:2FTS_2
Sample: CA1633STD-10 S/N:46504.9 Points Across peak:37



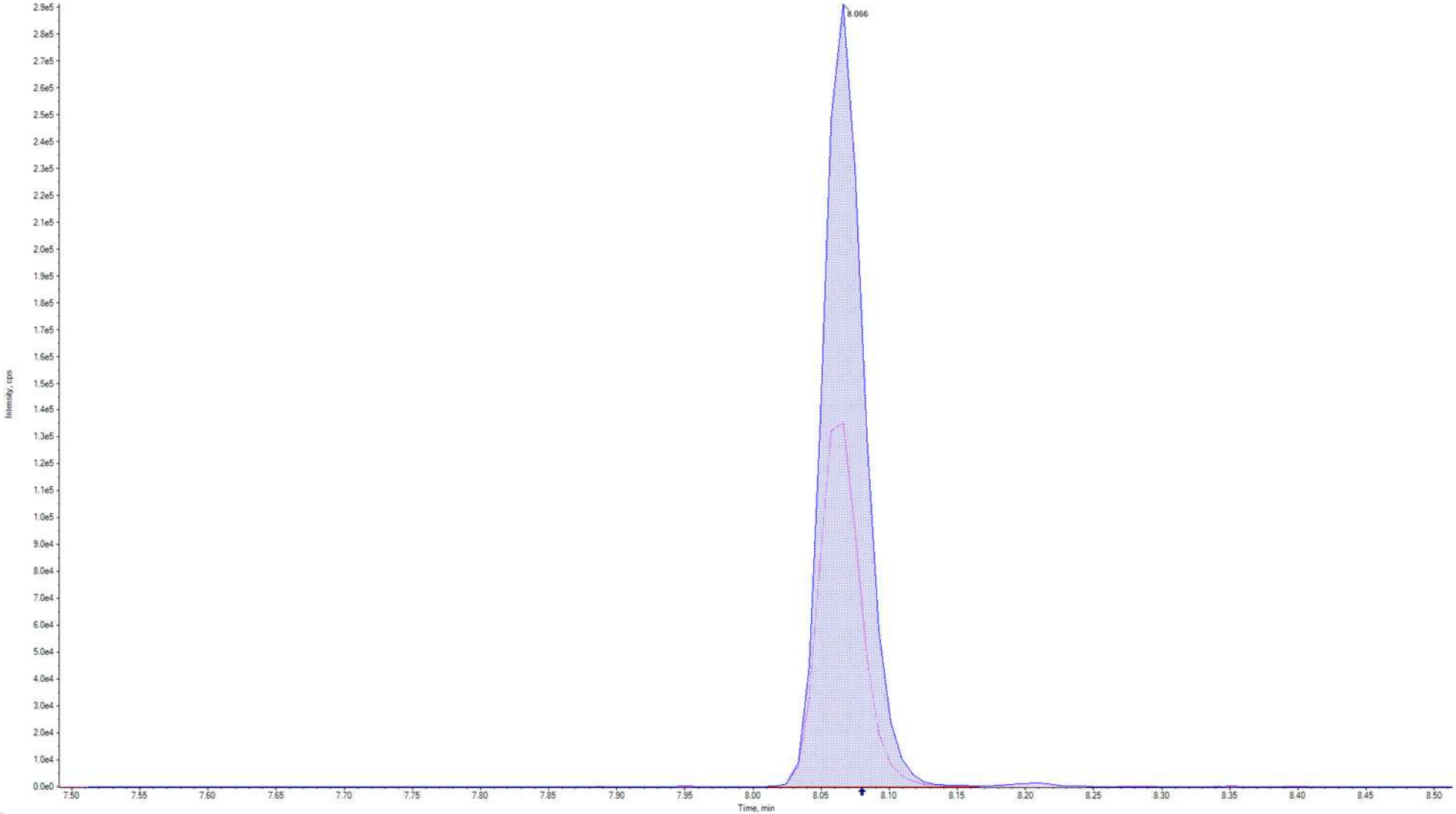
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

8:2FTS
Sample: CA1633STD-10 S/N:7262.8 Points Across peak:20



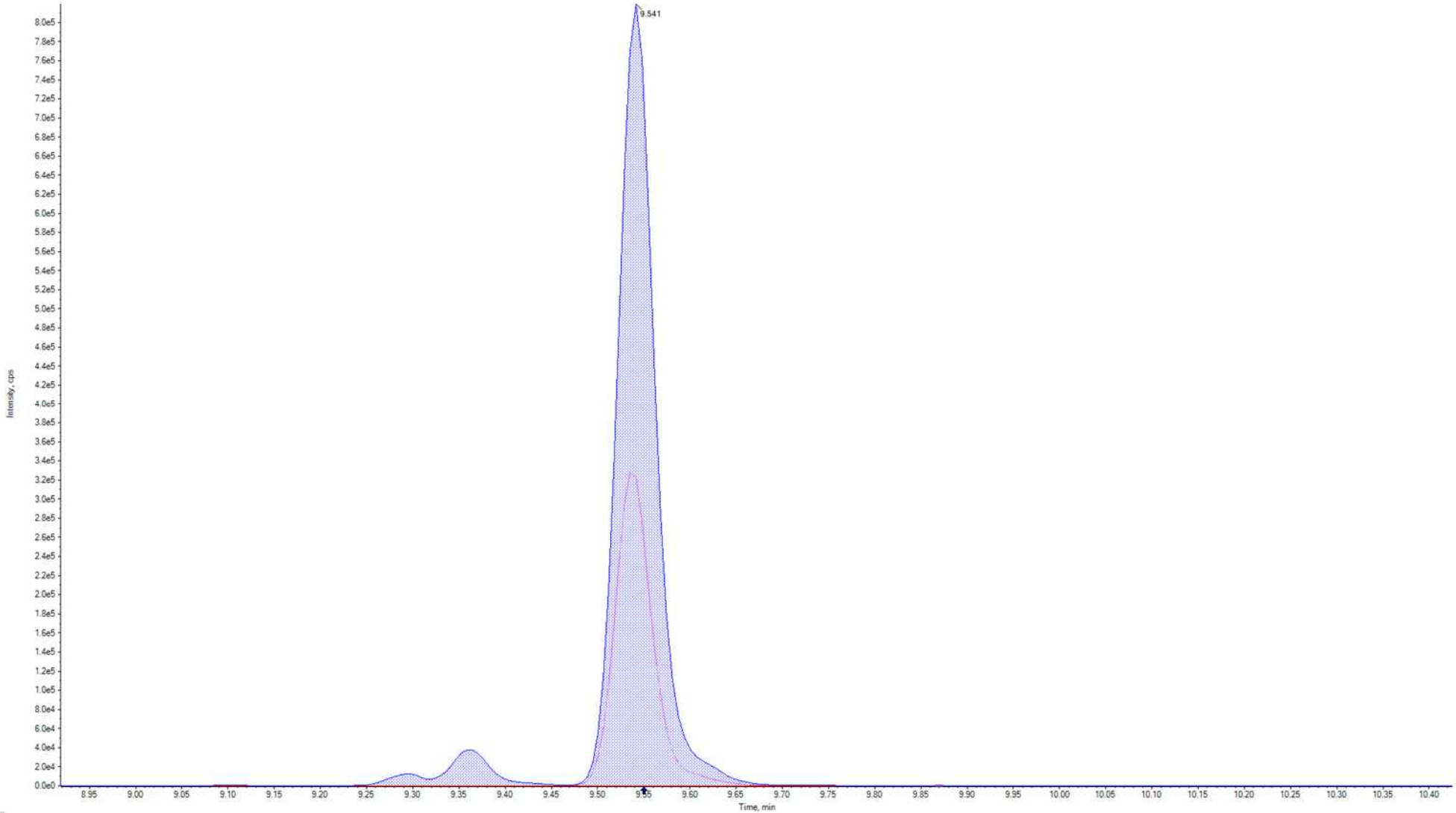
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

8:2FTS_2
Sample: CA1633STD-10 S/N:2928.3 Points Across peak:22



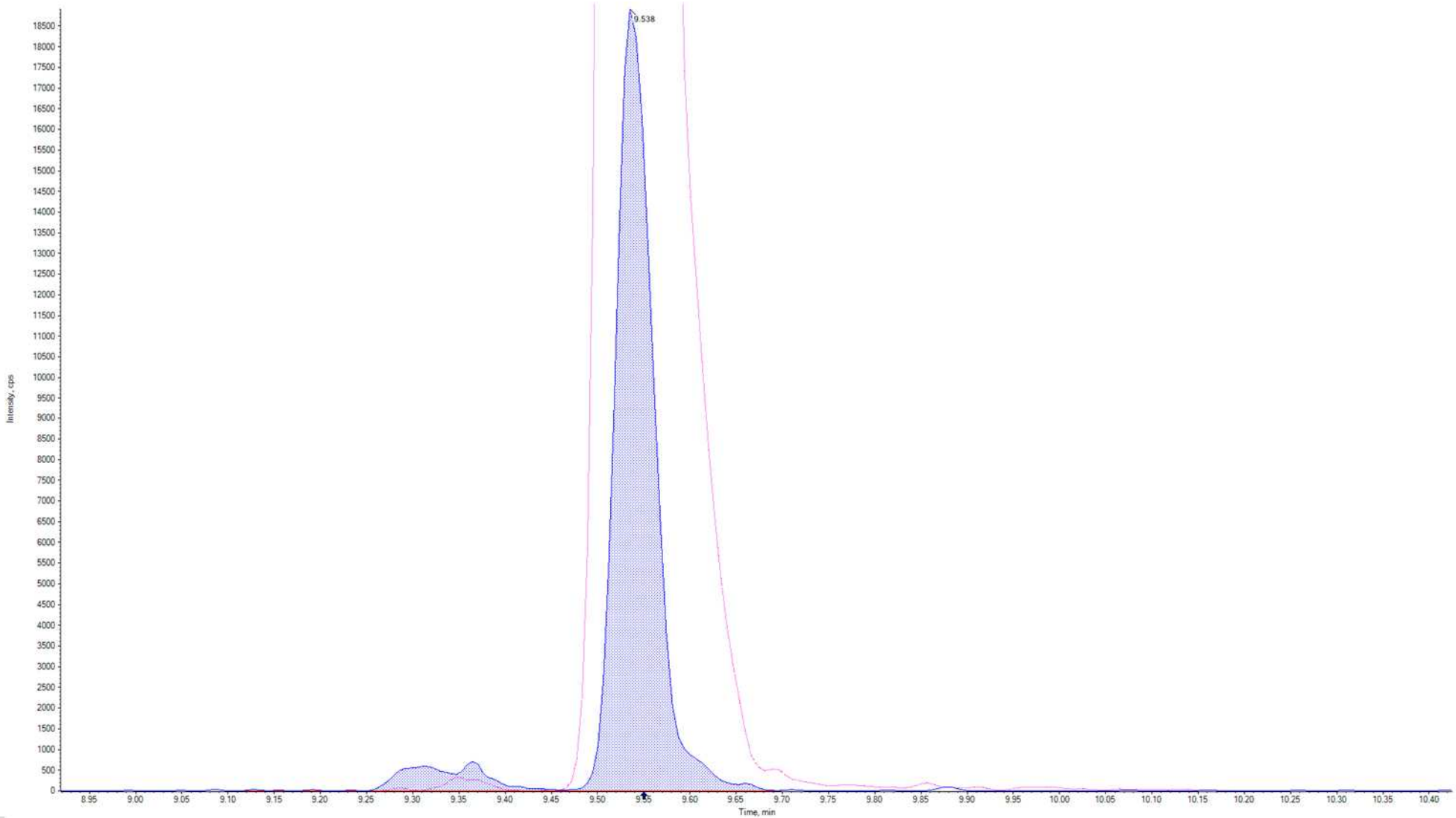
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFOSA
Sample: CA1633STD-10 S/N:98094.6 Points Across peak:123



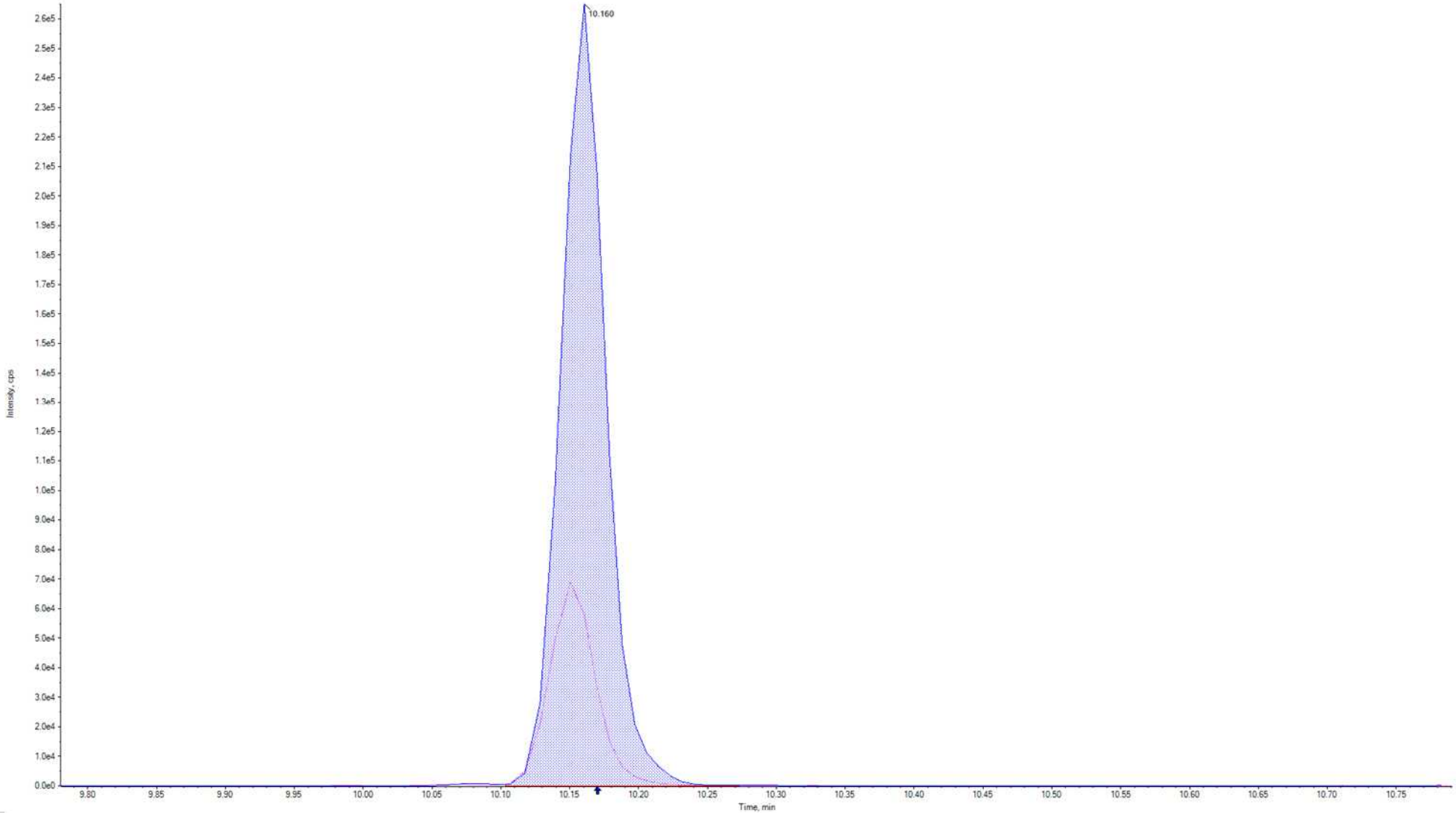
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFOSA_2
Sample: CA1633STD-10 S/N:2467.8 Points Across peak:102



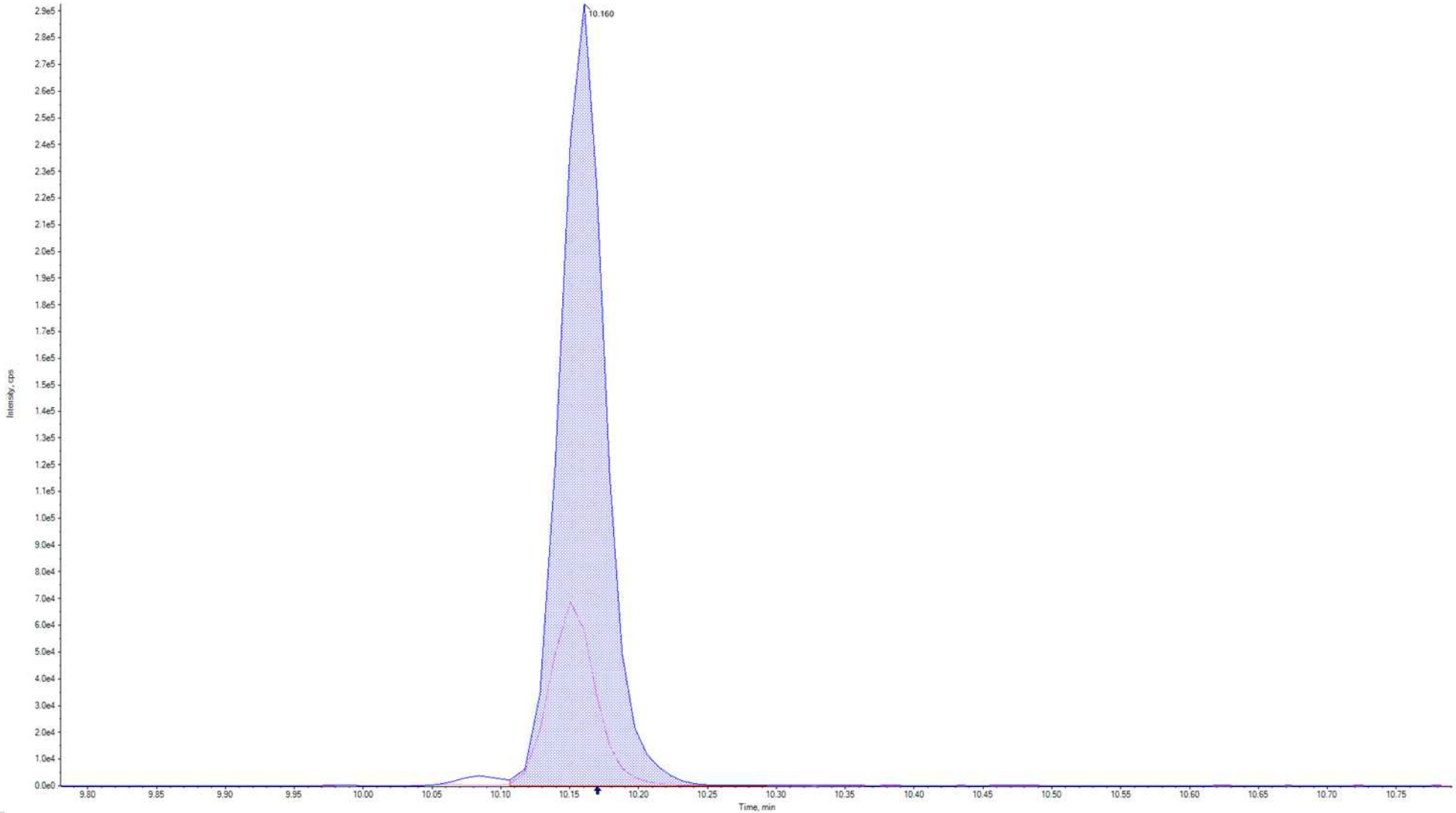
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NMeFOSA
Sample: CA1633STD-10 S/N:8935.6 Points Across peak:20



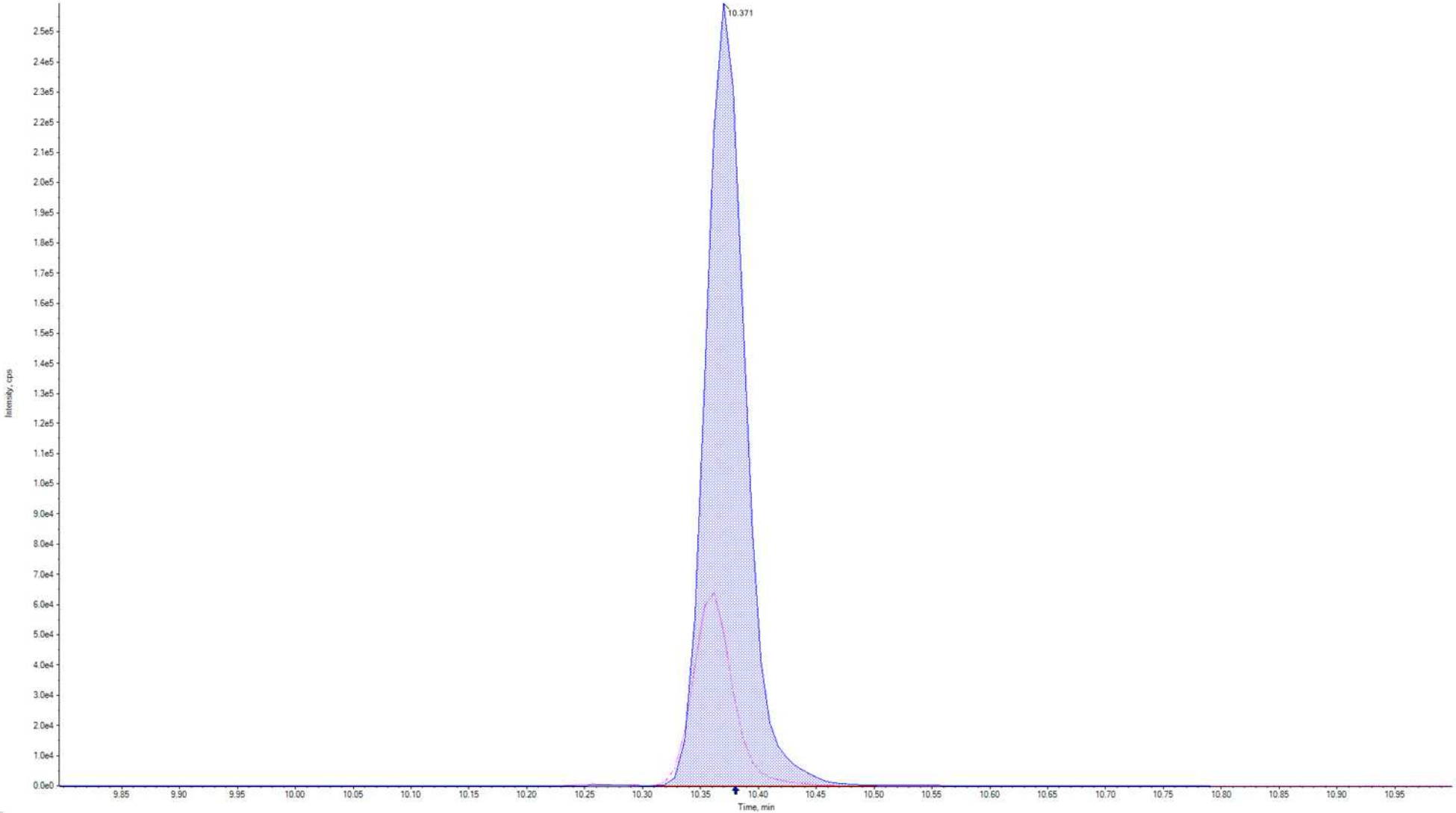
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NMeFOSA_2
Sample: CA1633STD-10 S/N:5500.0 Points Across peak:21



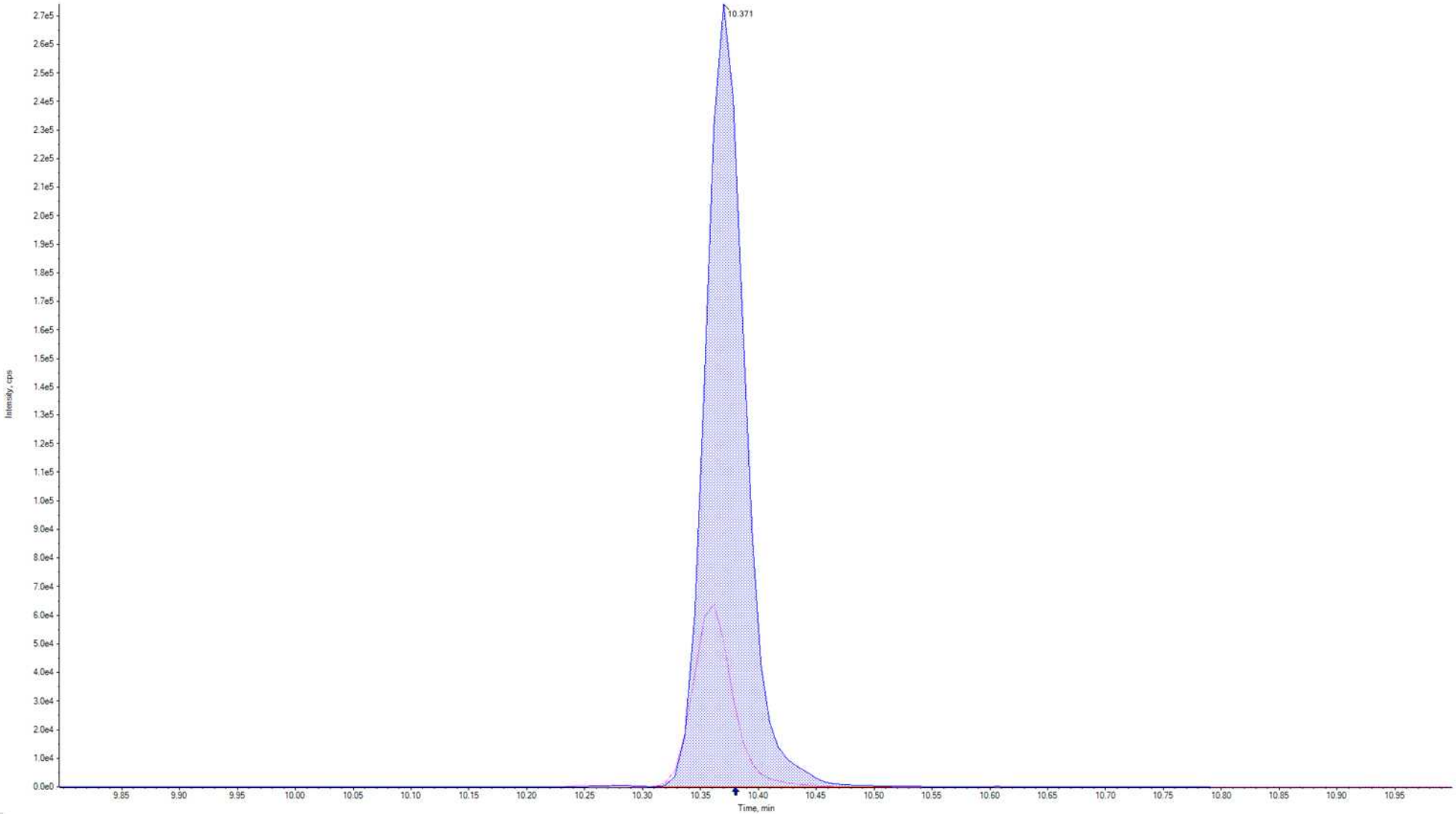
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSA
Sample: CA1633STD-10 S/N:43645756.3 Points Across peak:27



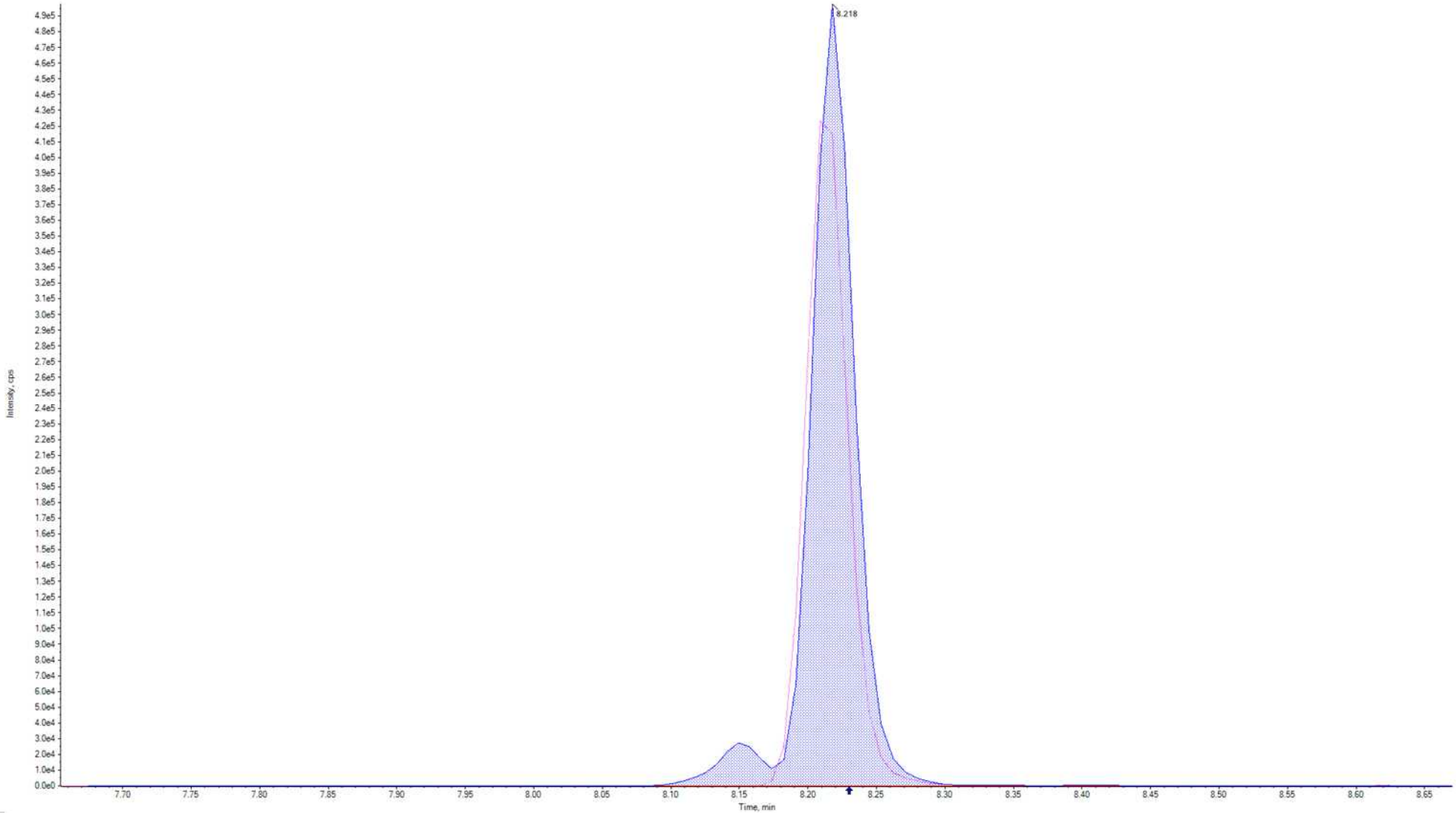
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSA_2
Sample: CA1633STD-10 S/N:52270.9 Points Across peak:29



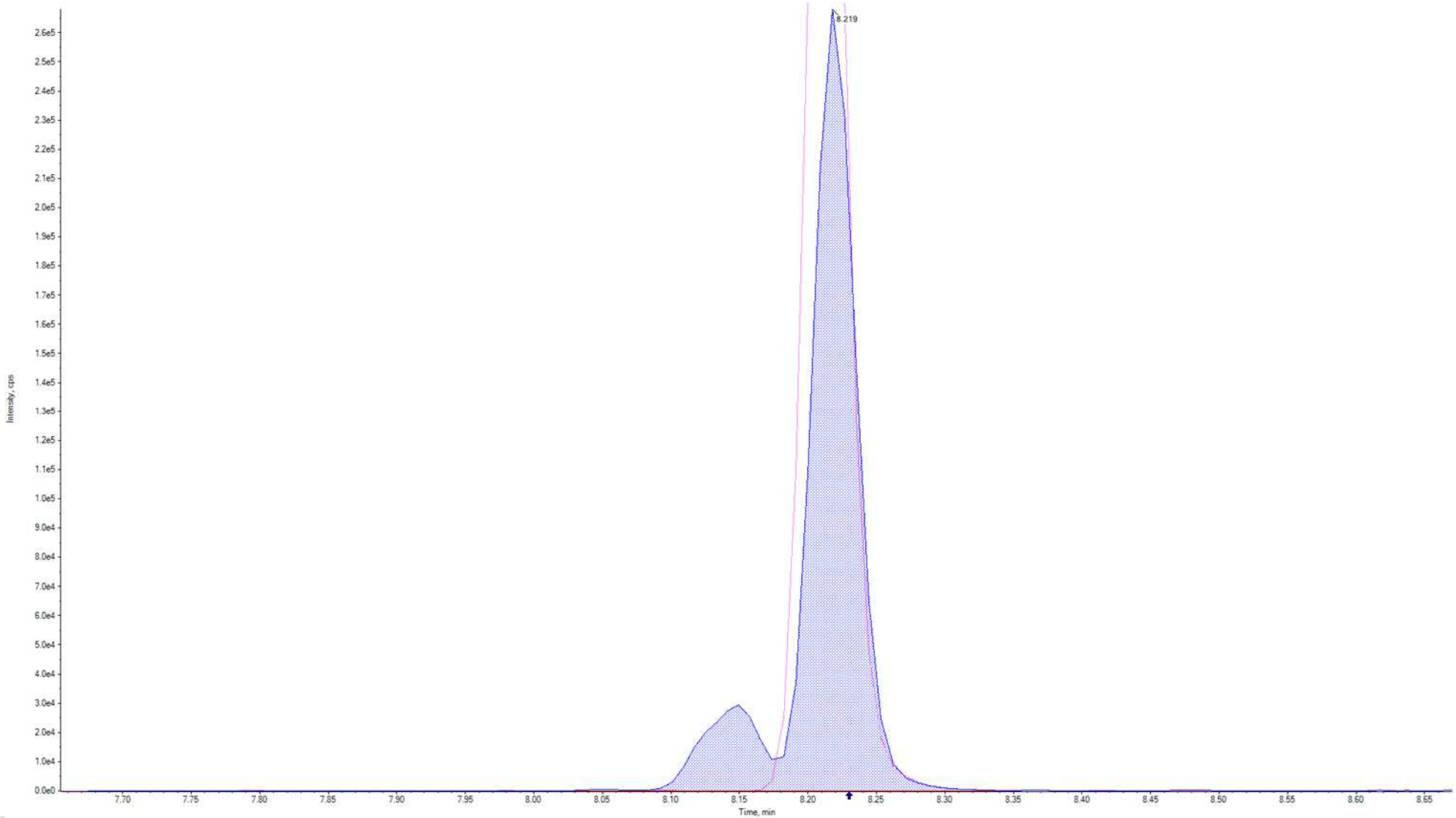
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NMeFOSAA
Sample: CA1633STD-10 S/N:1593.2 Points Across peak:46



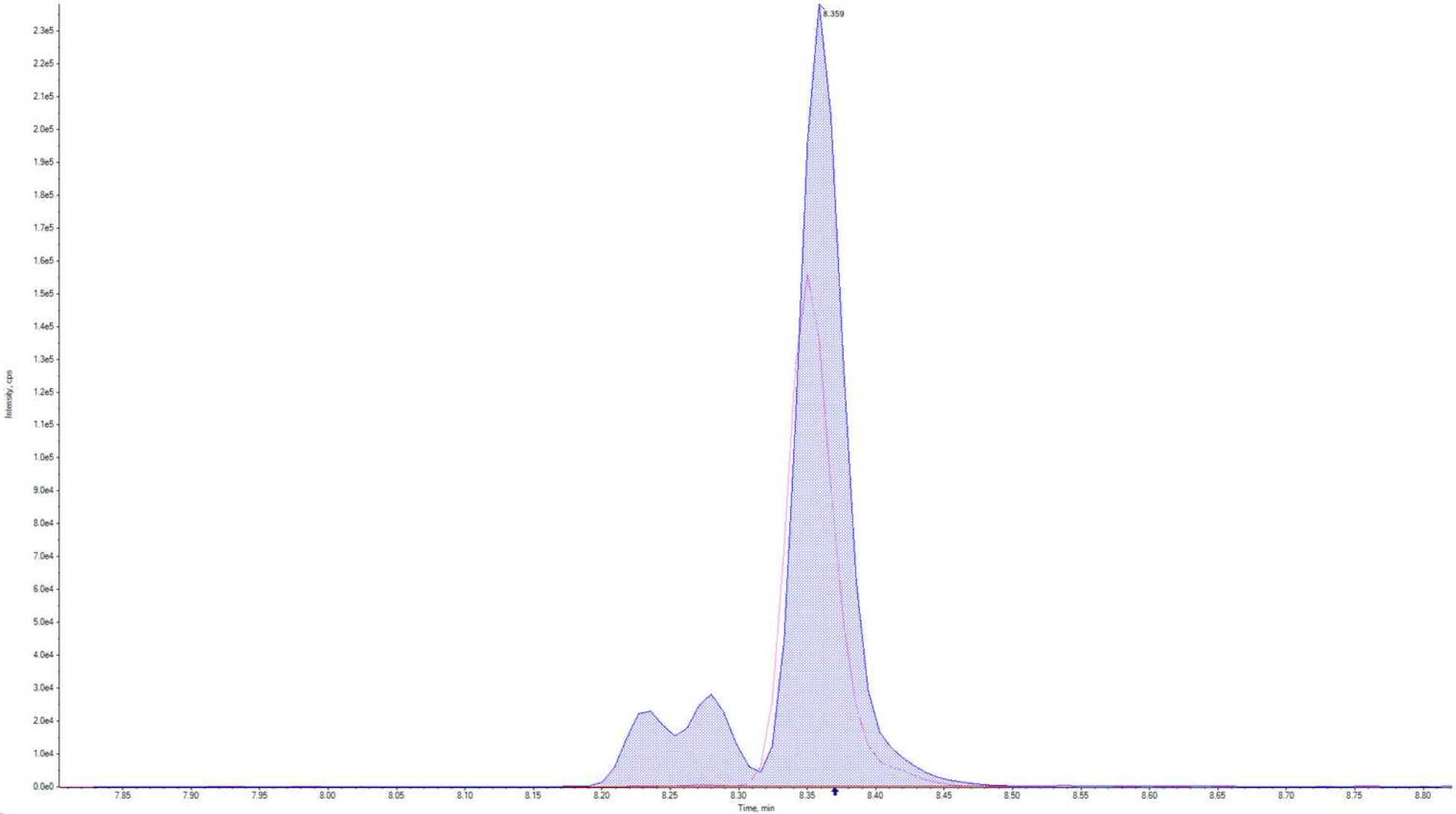
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NMeFOSAA_2
Sample: CA1633STD-10 S/N:1208.6 Points Across peak:40



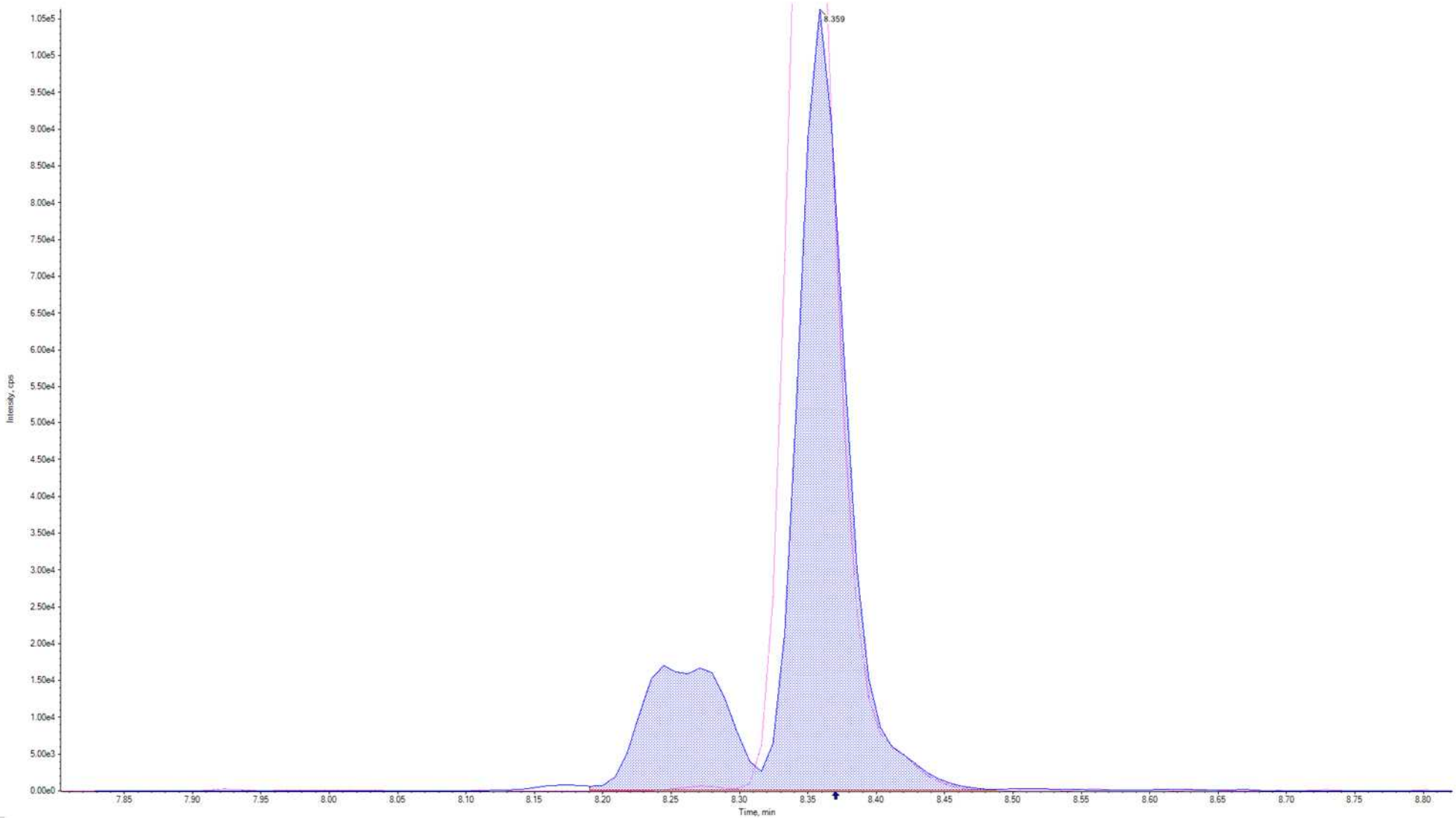
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSAA
Sample: CA1633STD-10 S/N:879.7 Points Across peak:42



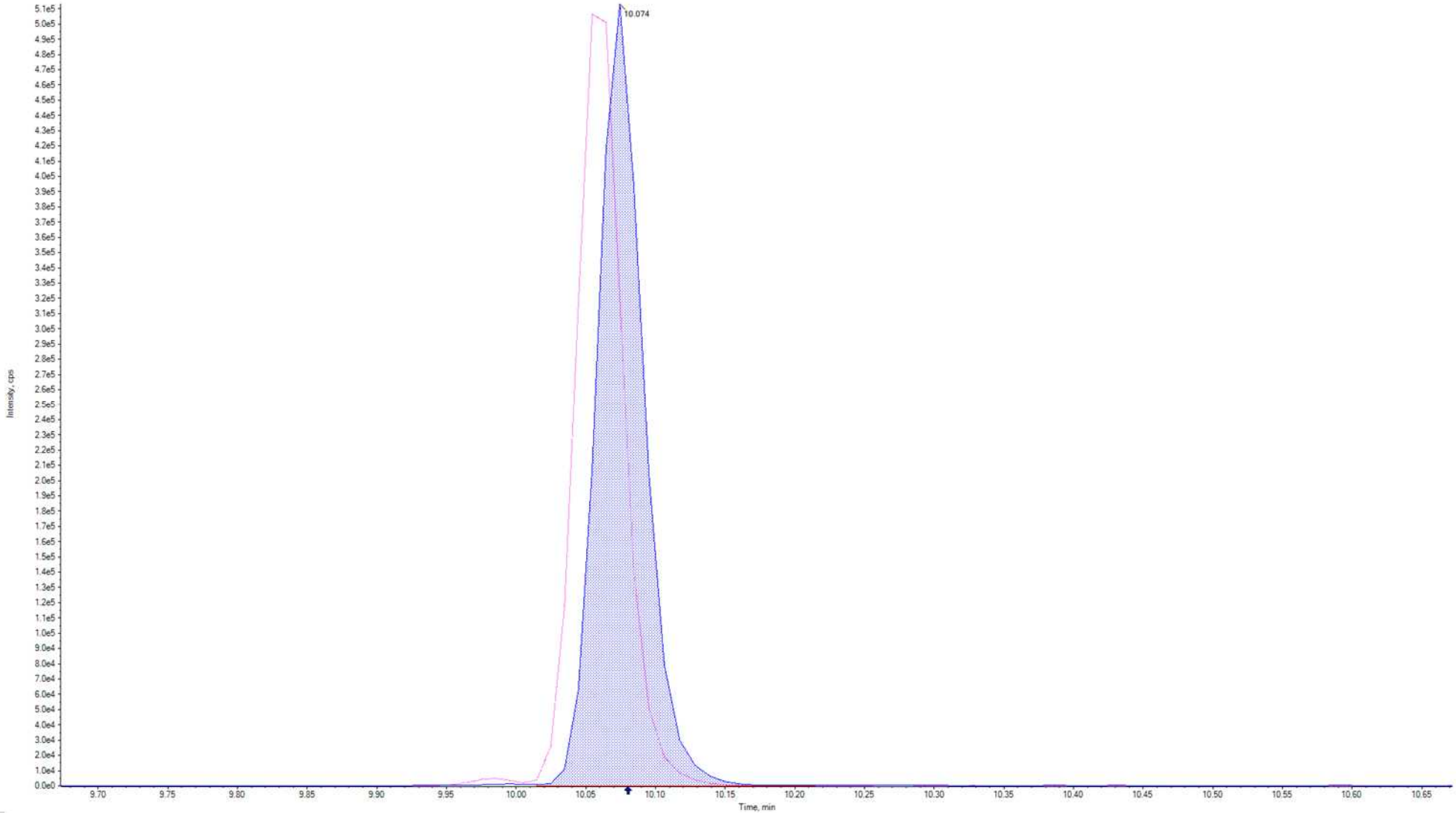
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSAA_2
Sample: CA1633STD-10 S/N:549.1 Points Across peak:36



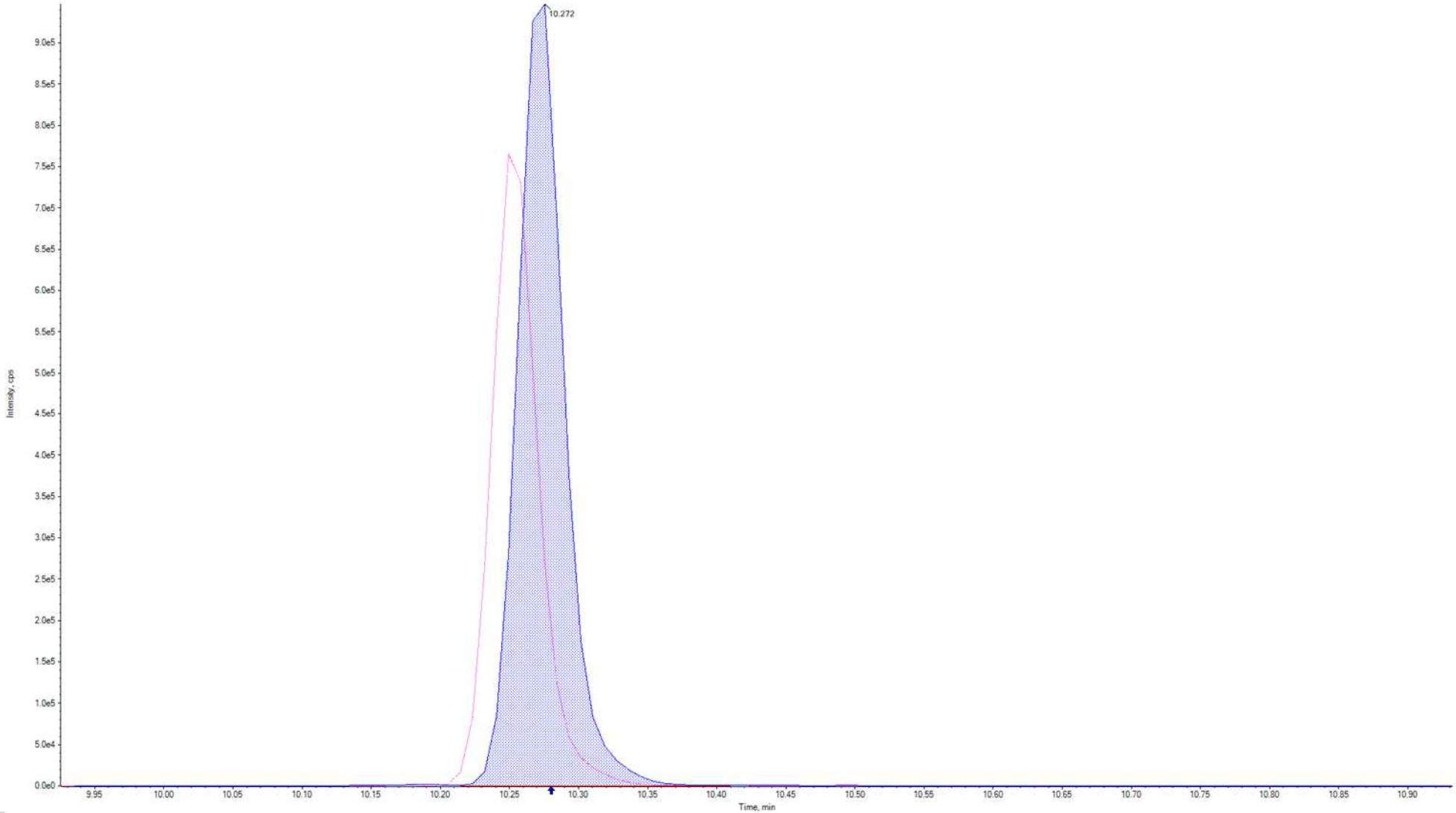
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NMeFOSE
Sample: CA1633STD-10 S/N:3872.4 Points Across peak:21



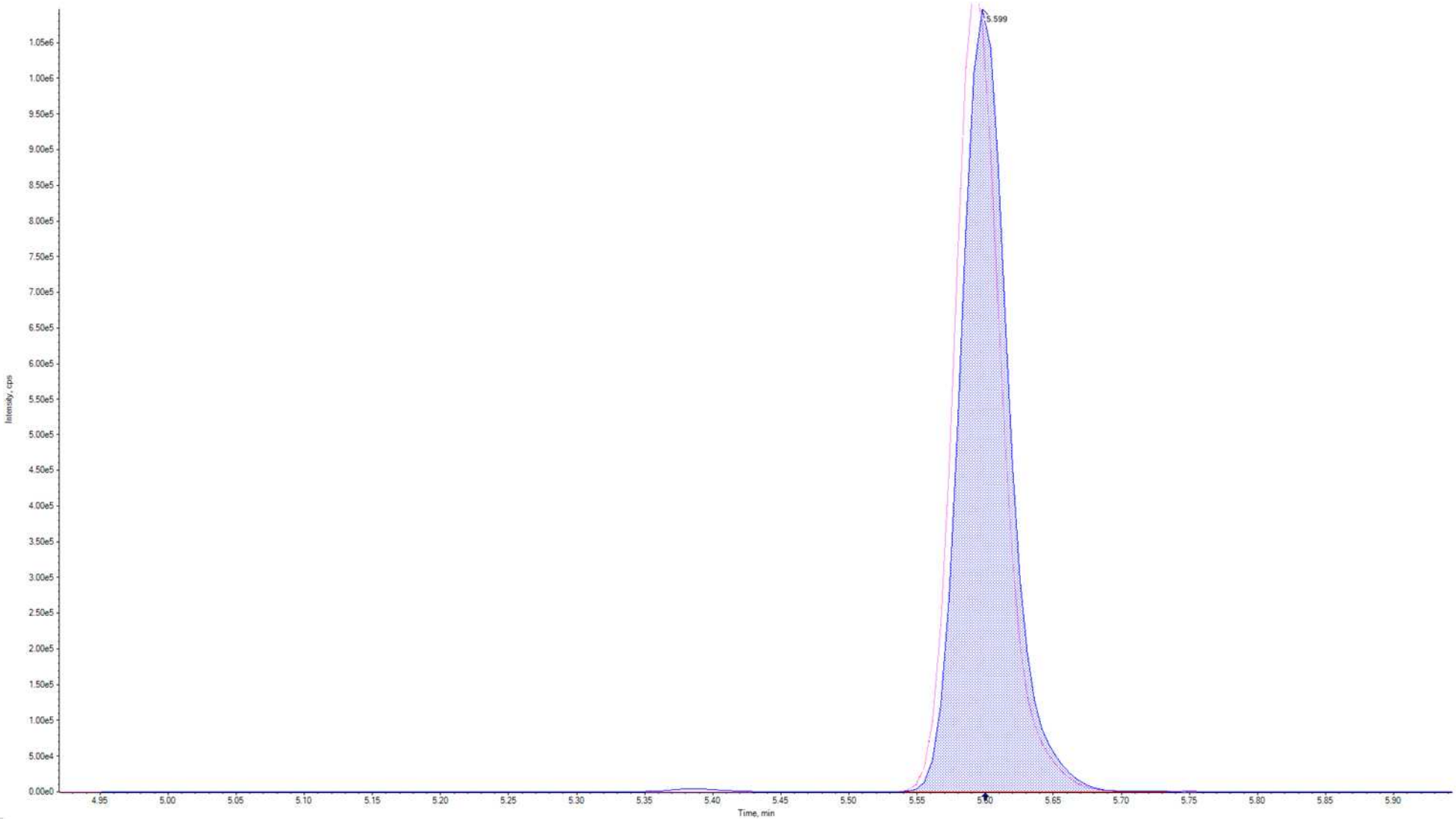
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSE
Sample: CA1633STD-10 S/N:4254.1 Points Across peak:24



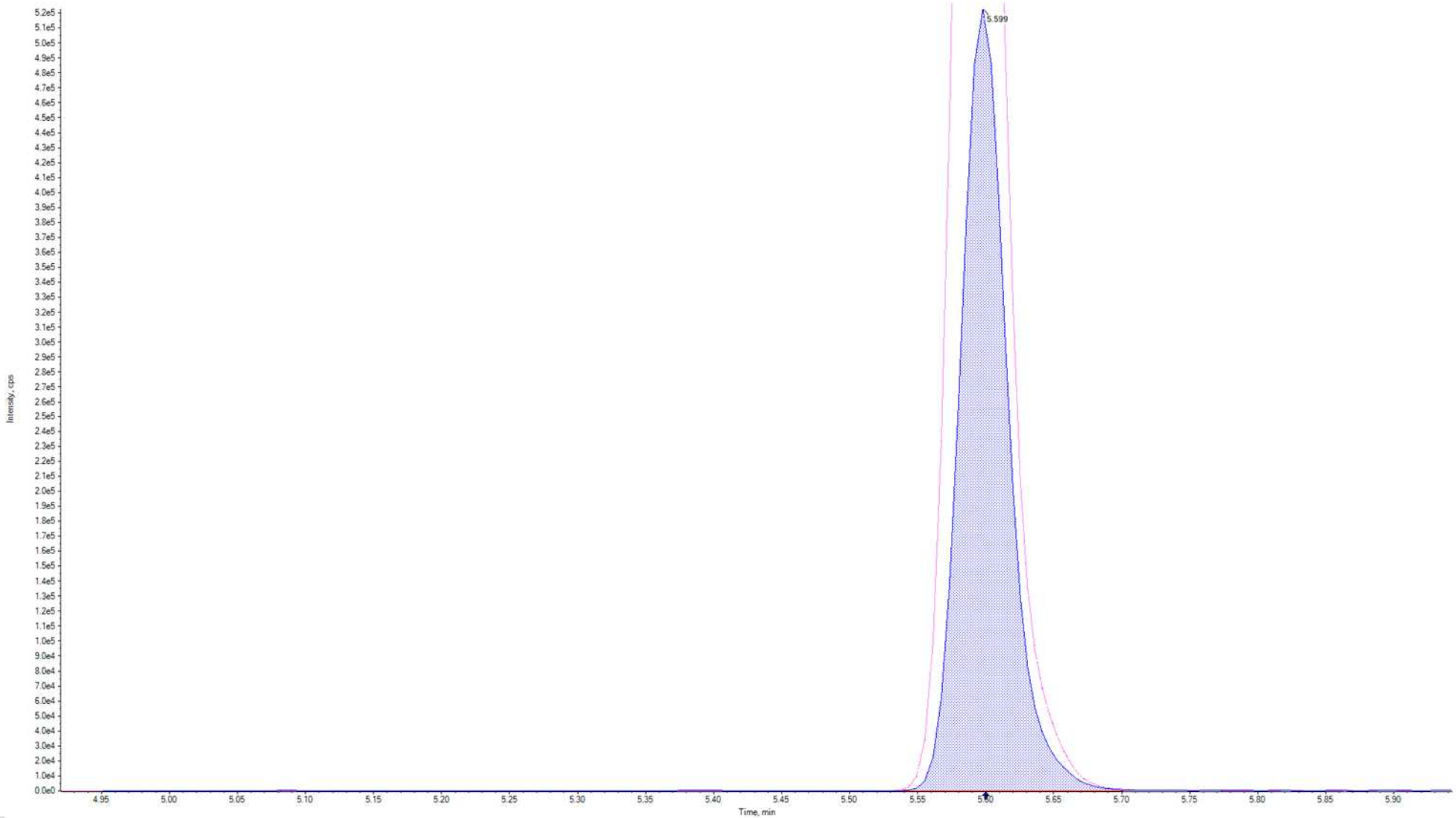
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

HFPO-DA
Sample: CA1633STD-10 S/N:12127.9 Points Across peak:44



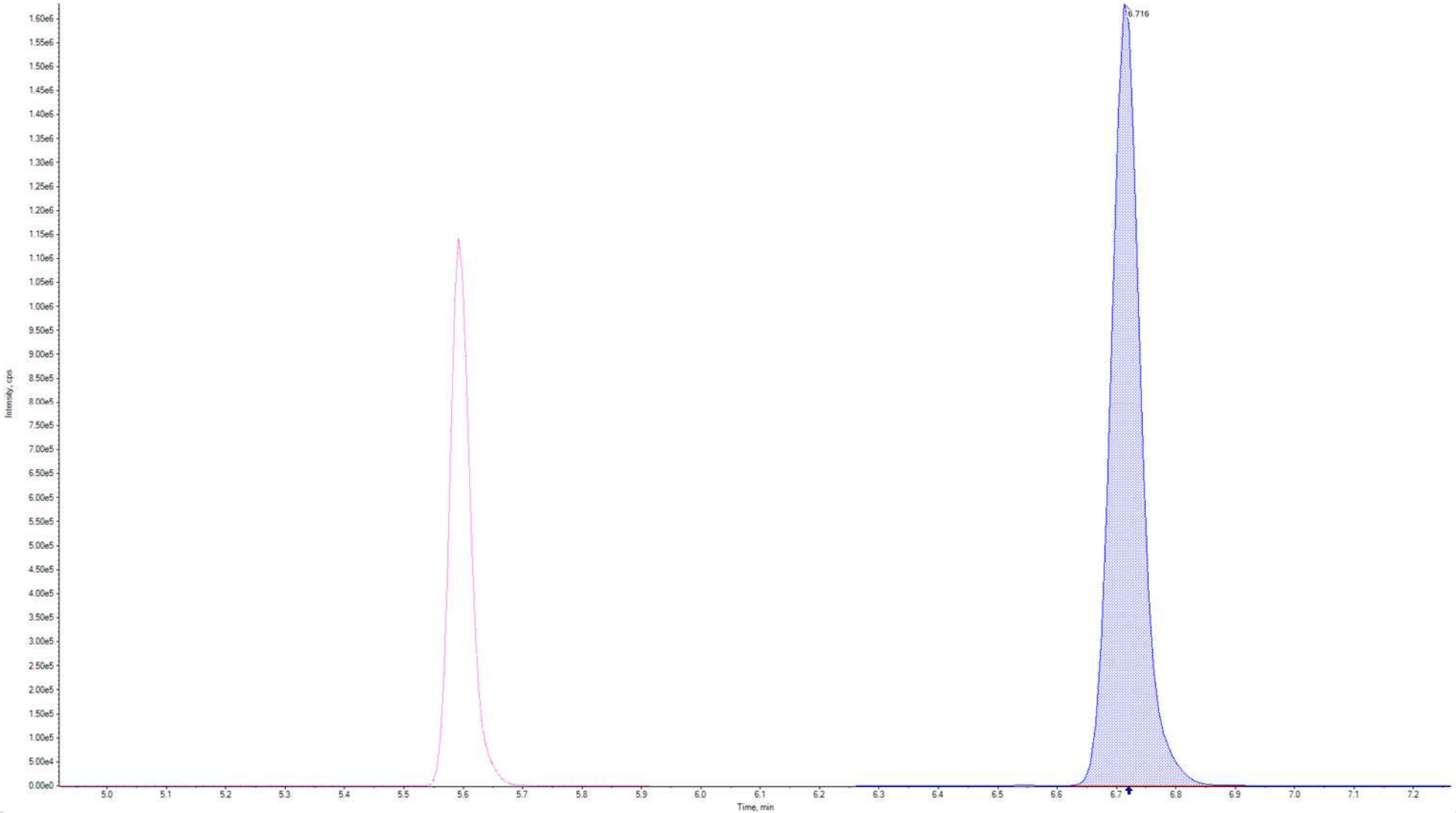
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

HFPO-DA_2
Sample: CA1633STD-10 S/N:3995.2 Points Across peak:34



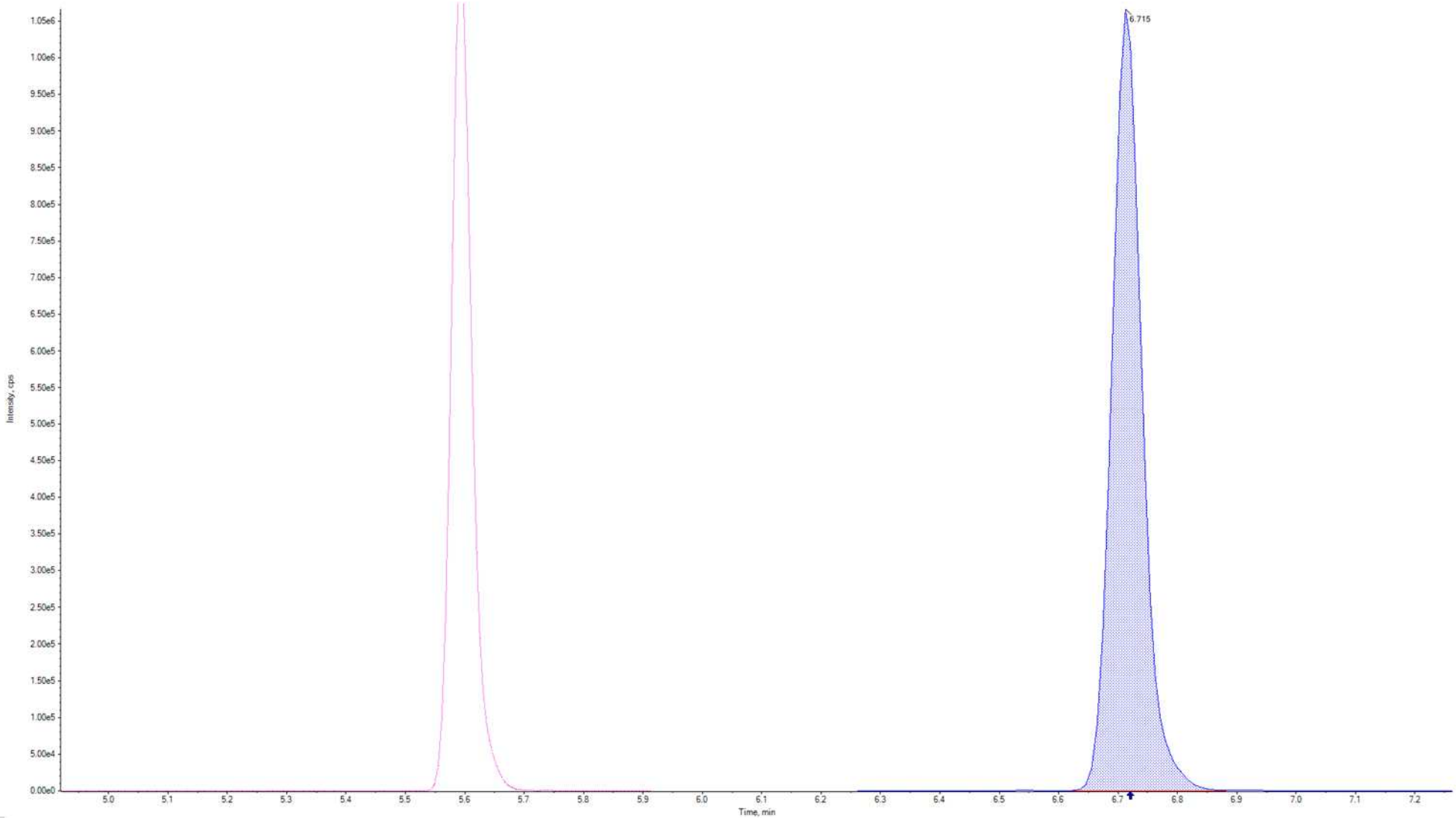
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

ADONA
Sample: CA1633STD-10 S/N:9355.5 Points Across peak:47



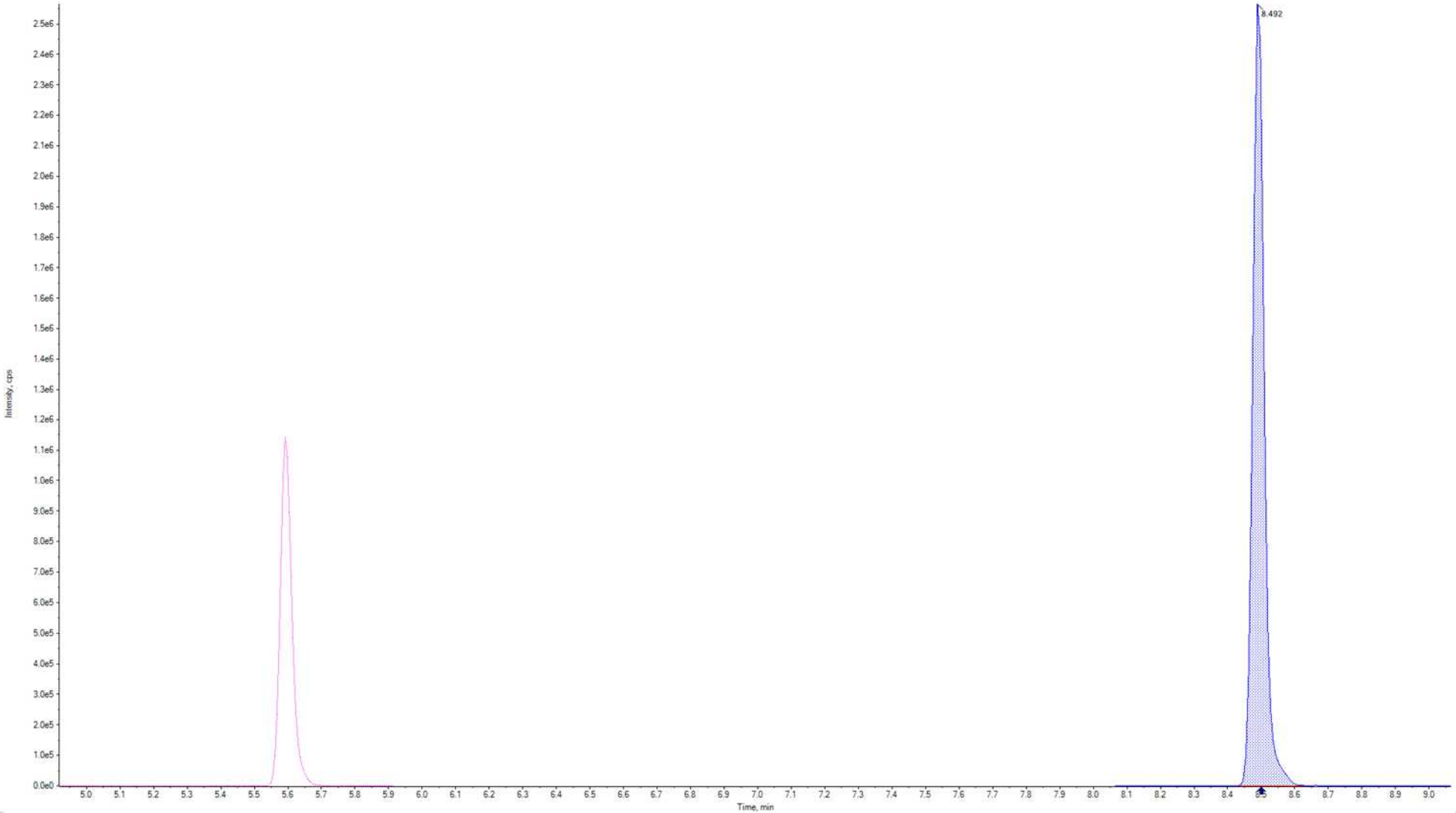
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

ADONA_2
Sample: CA1633STD-10 S/N:8341.5 Points Across peak:37



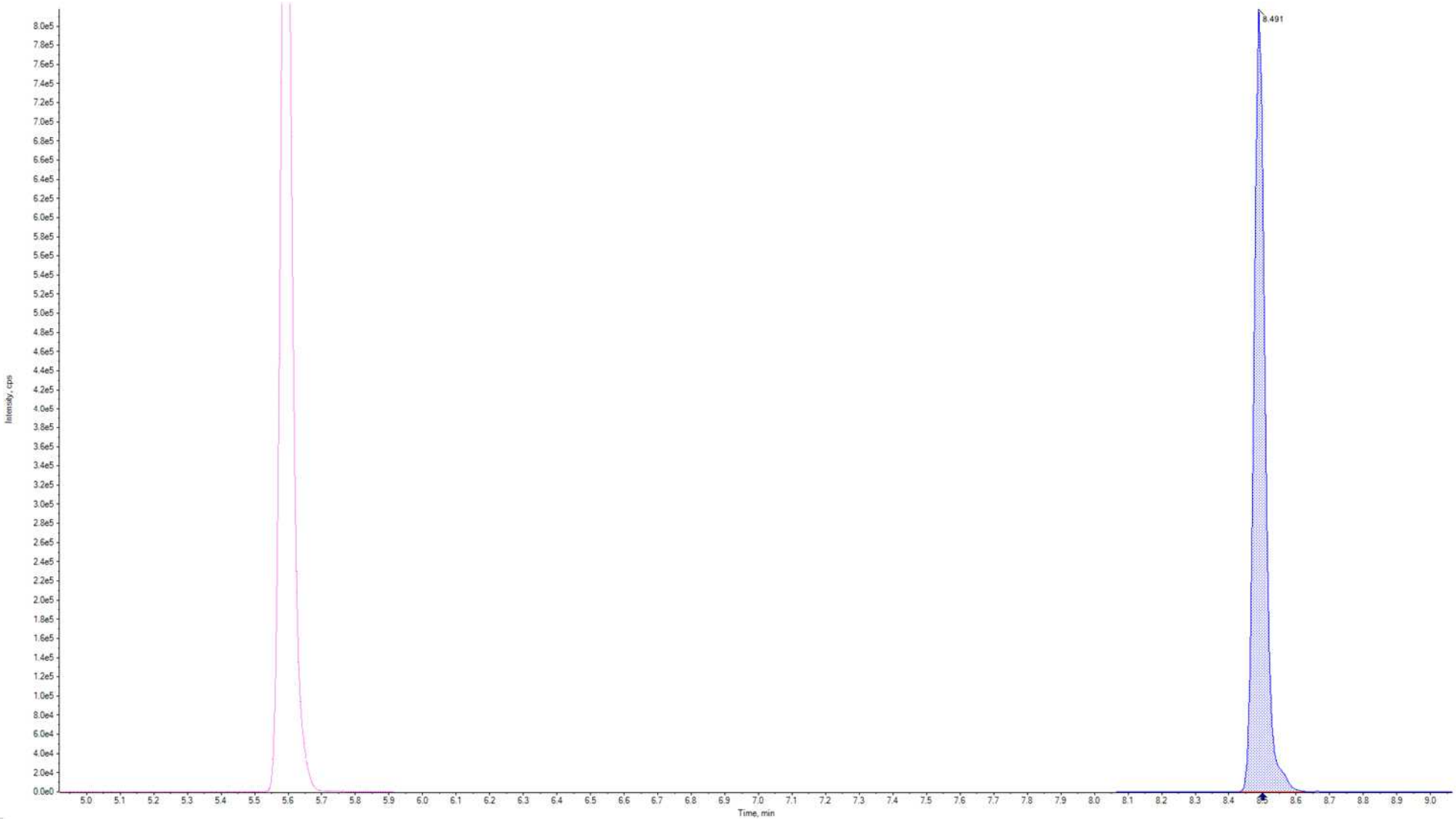
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

9Cl-PF3ONS
Sample: CA1633STD-10 S/N:20448.8 Points Across peak:31



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

9Cl-PF3ONS_2
Sample: CA1633STD-10 S/N:56252.5 Points Across peak:30



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

11Cl-PF3OUdS
Sample: CA1633STD-10 S/N:848107.0 Points Across peak:42



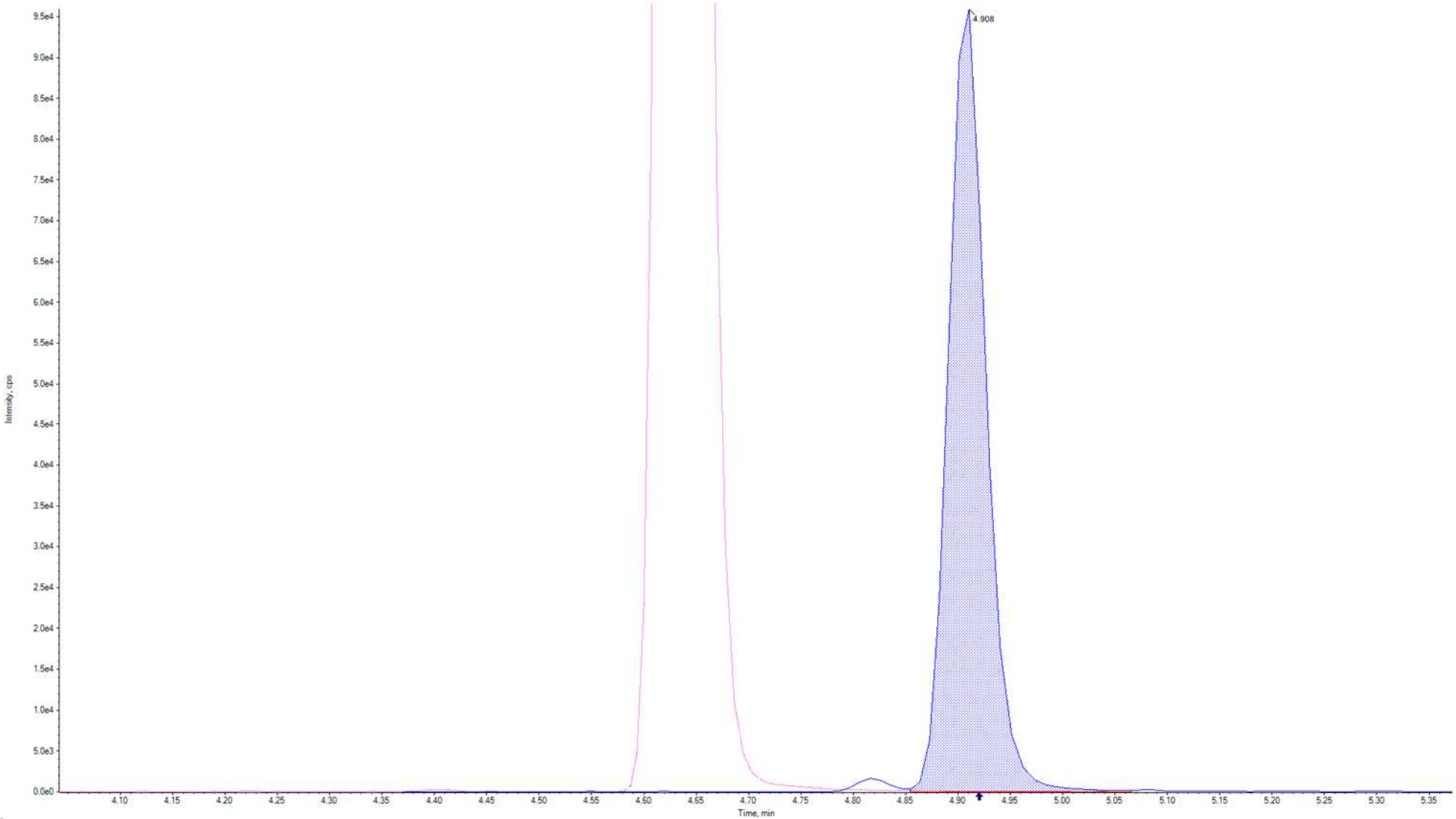
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

11Cl-PF3OUdS_2
Sample: CA1633STD-10 S/N:76646.3 Points Across peak:43



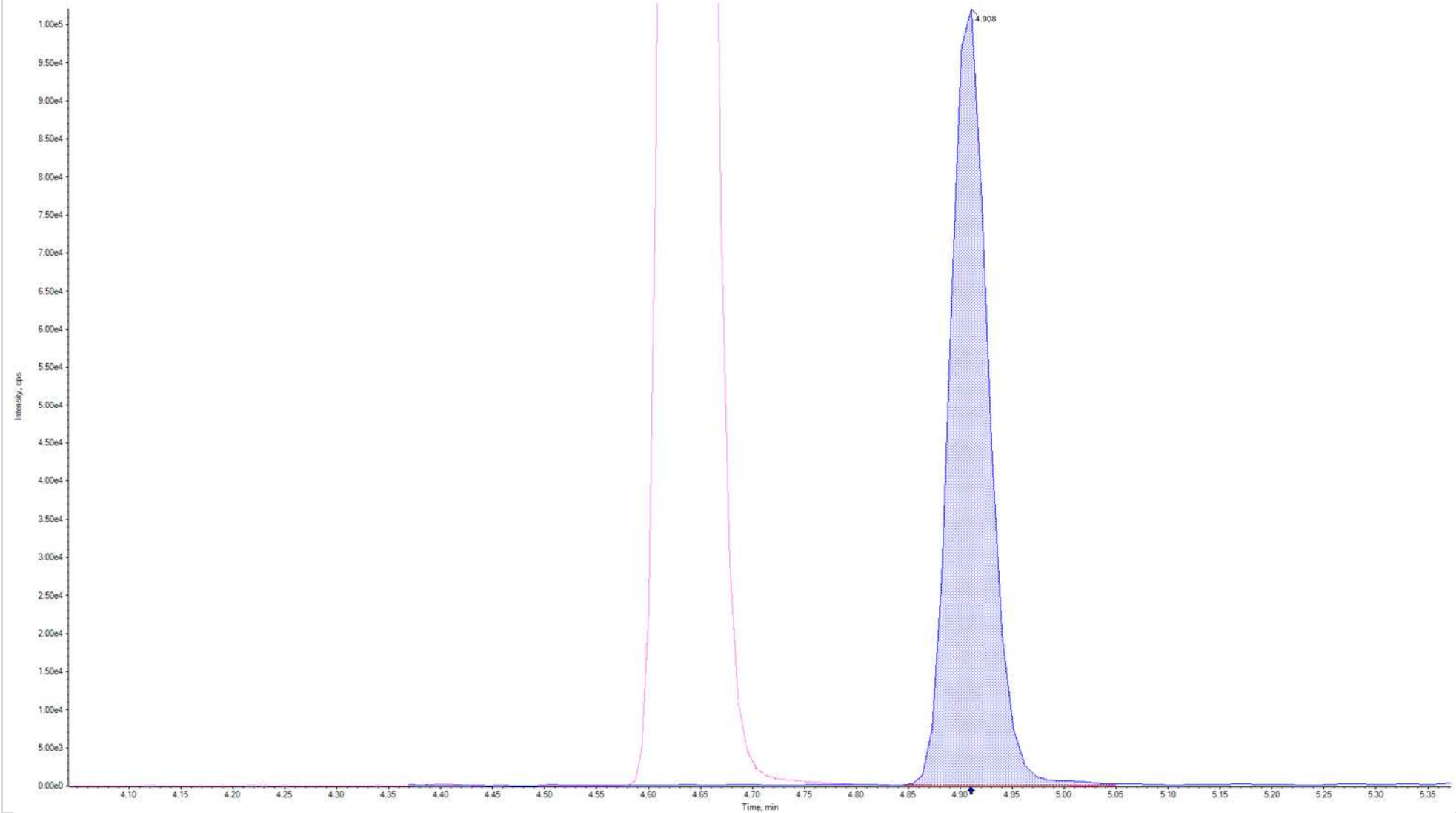
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

3:3FTCA
Sample: CA1633STD-10 S/N:2300.8 Points Across peak:22



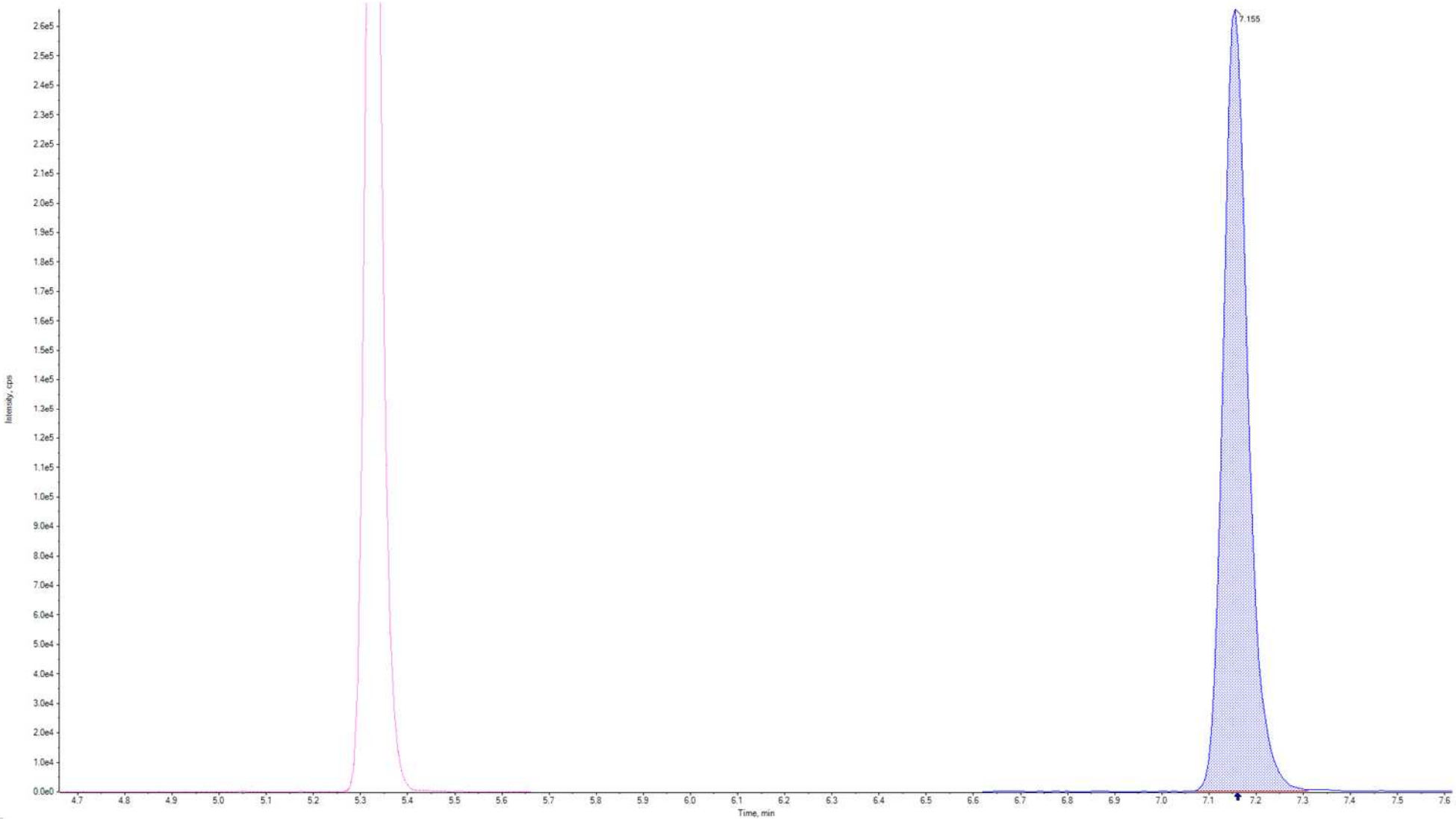
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

3:3FTCA_2
Sample: CA1633STD-10 S/N:2447.3 Points Across peak:22



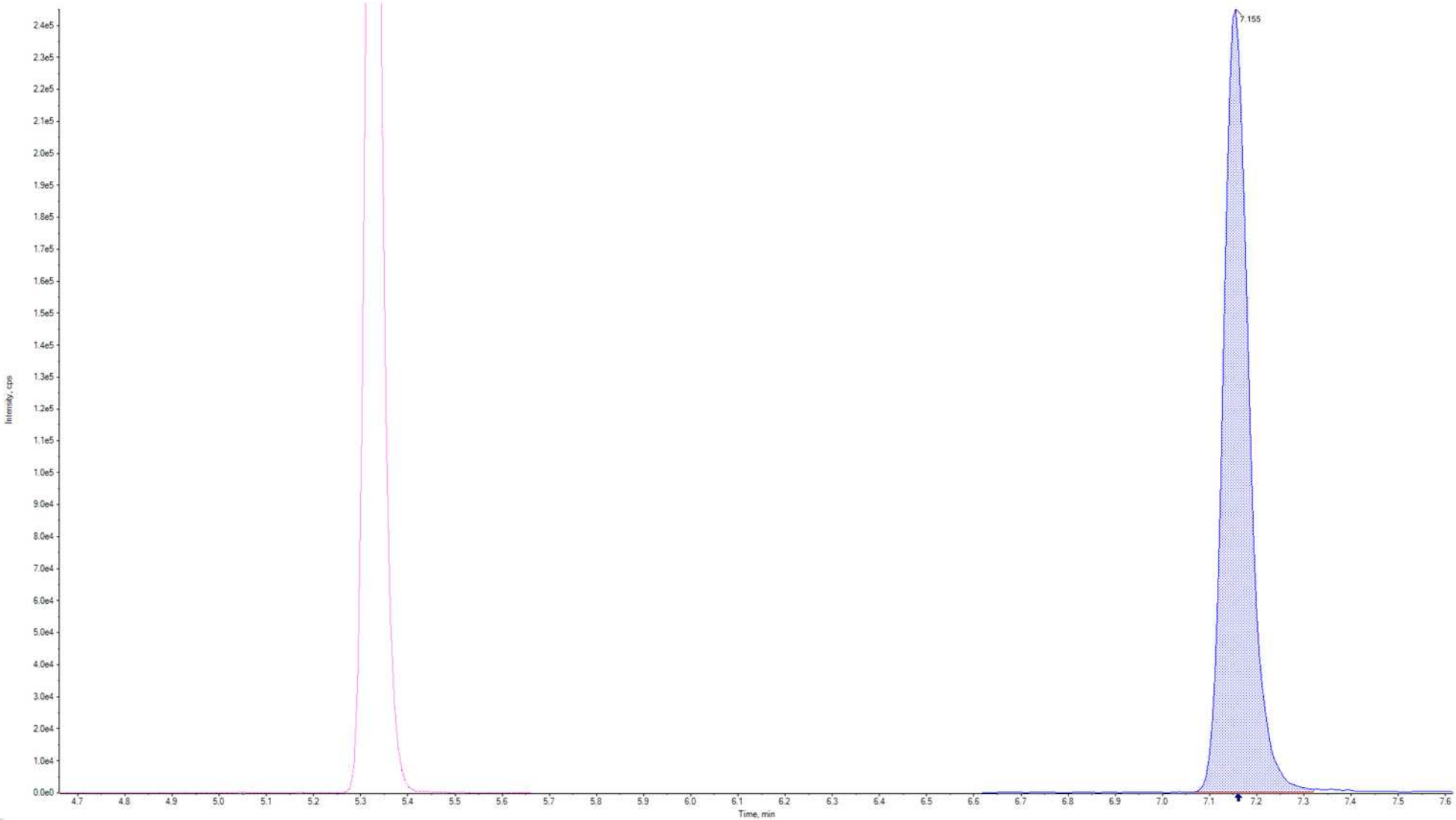
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

5:3FTCA
Sample: CA1633STD-10 S/N:4990.5 Points Across peak:42



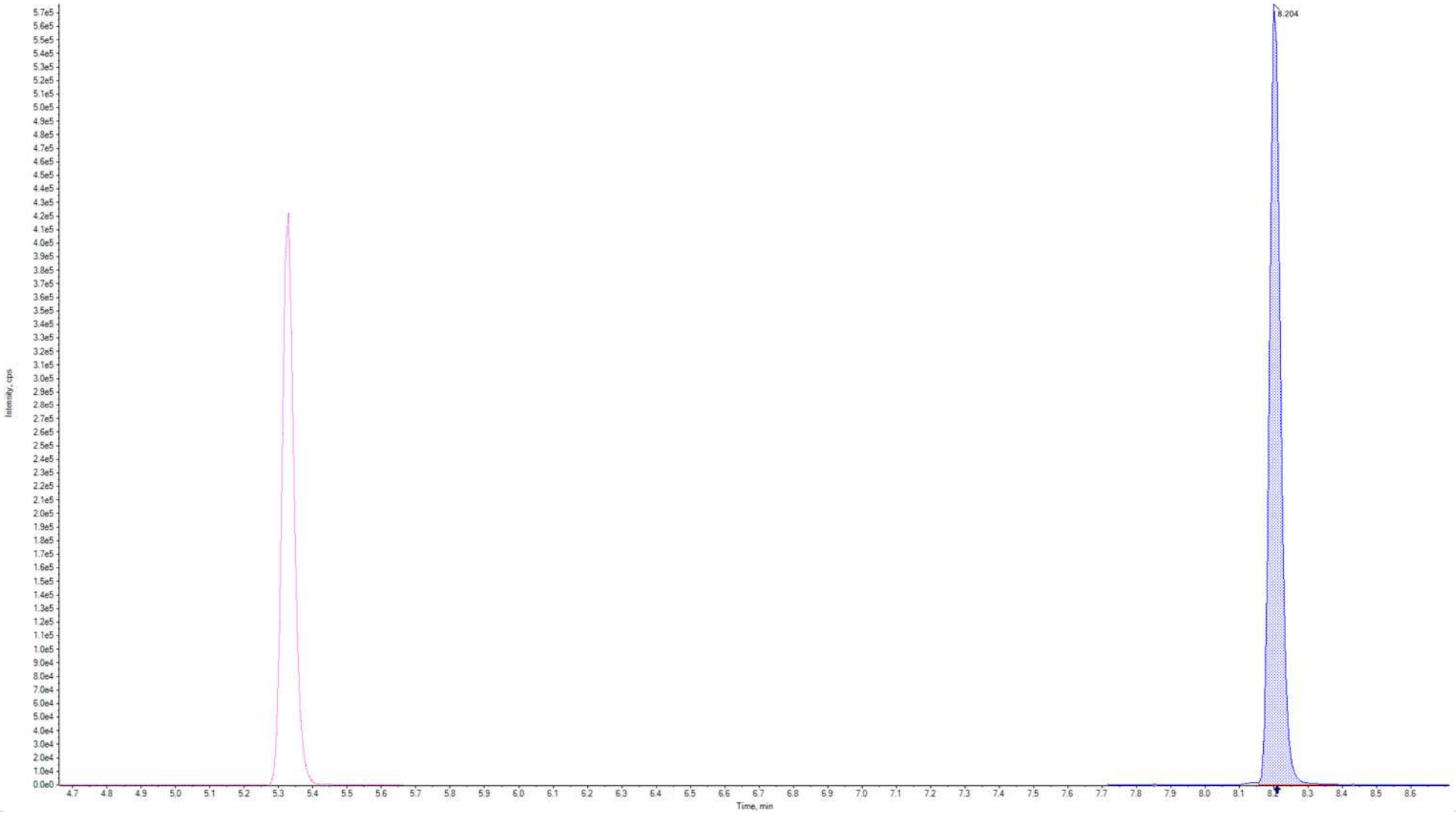
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

5:3FTCA_2
Sample: CA1633STD-10 S/N:4206.9 Points Across peak:43



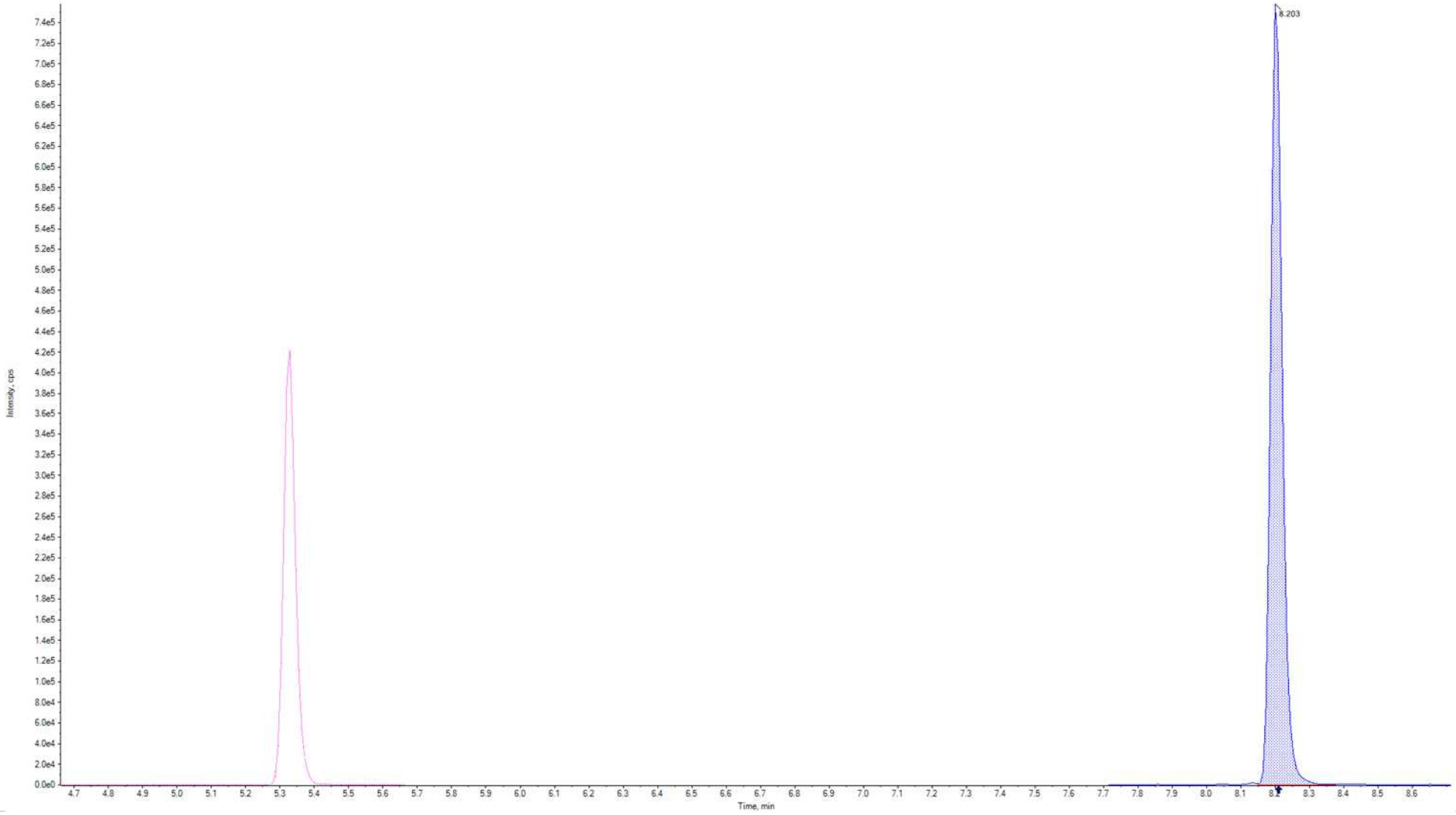
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

7:3FTCA
Sample: CA1633STD-10 S/N:16604.3 Points Across peak:29



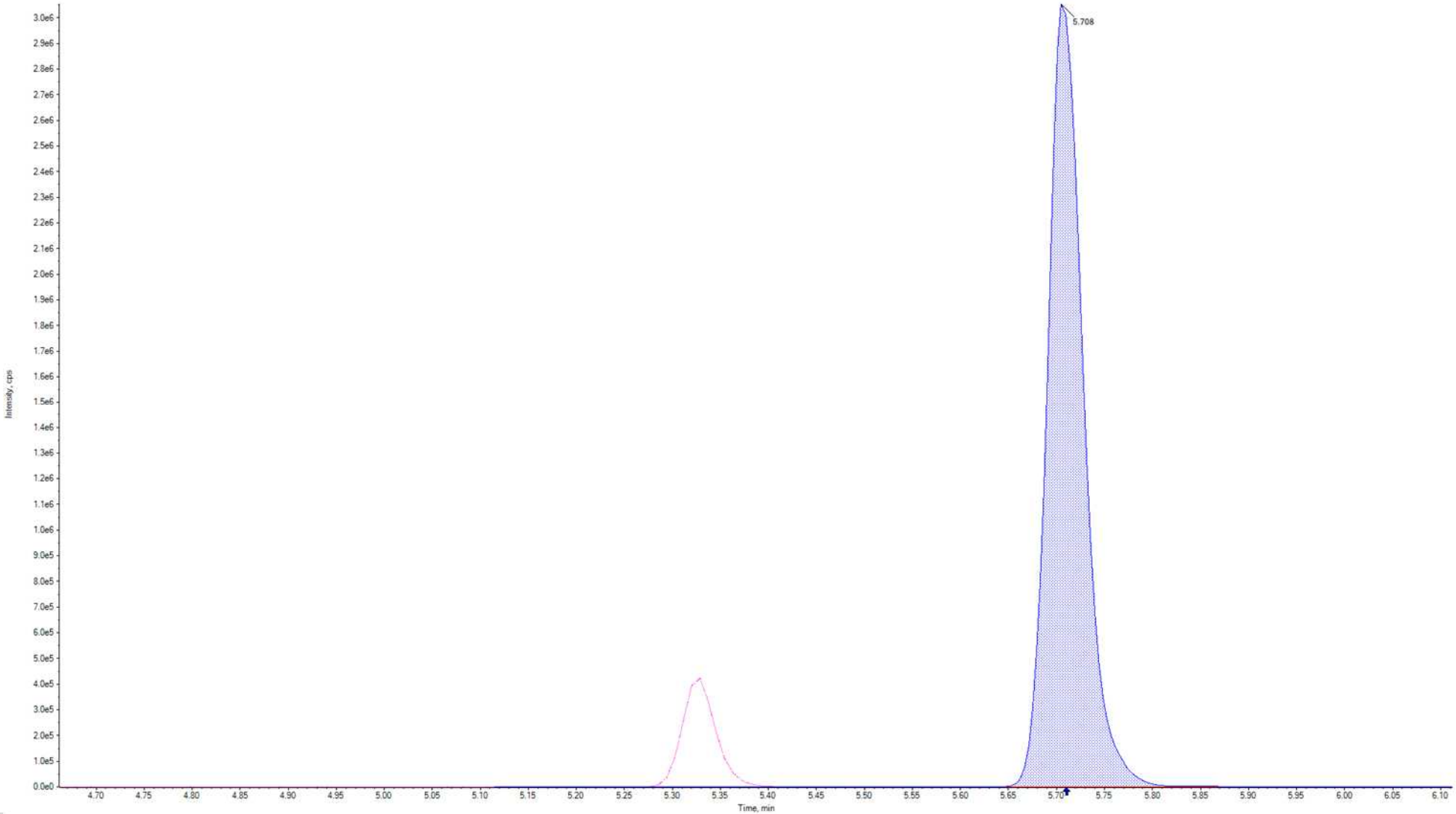
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

7:3FTCA_2
Sample: CA1633STD-10 S/N:28046.4 Points Across peak:27



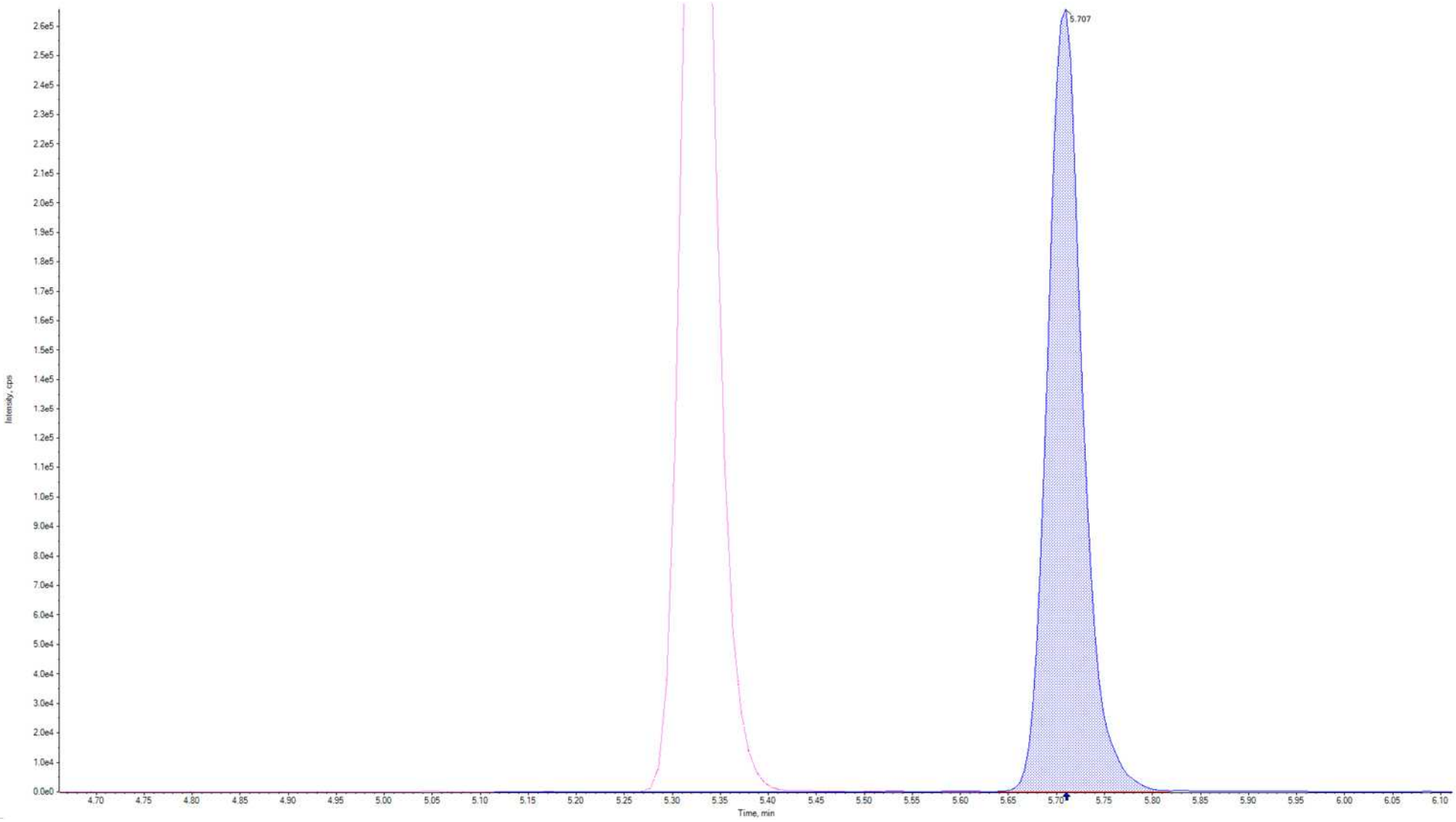
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFEESA
Sample: CA1633STD-10 S/N:16542.2 Points Across peak:60



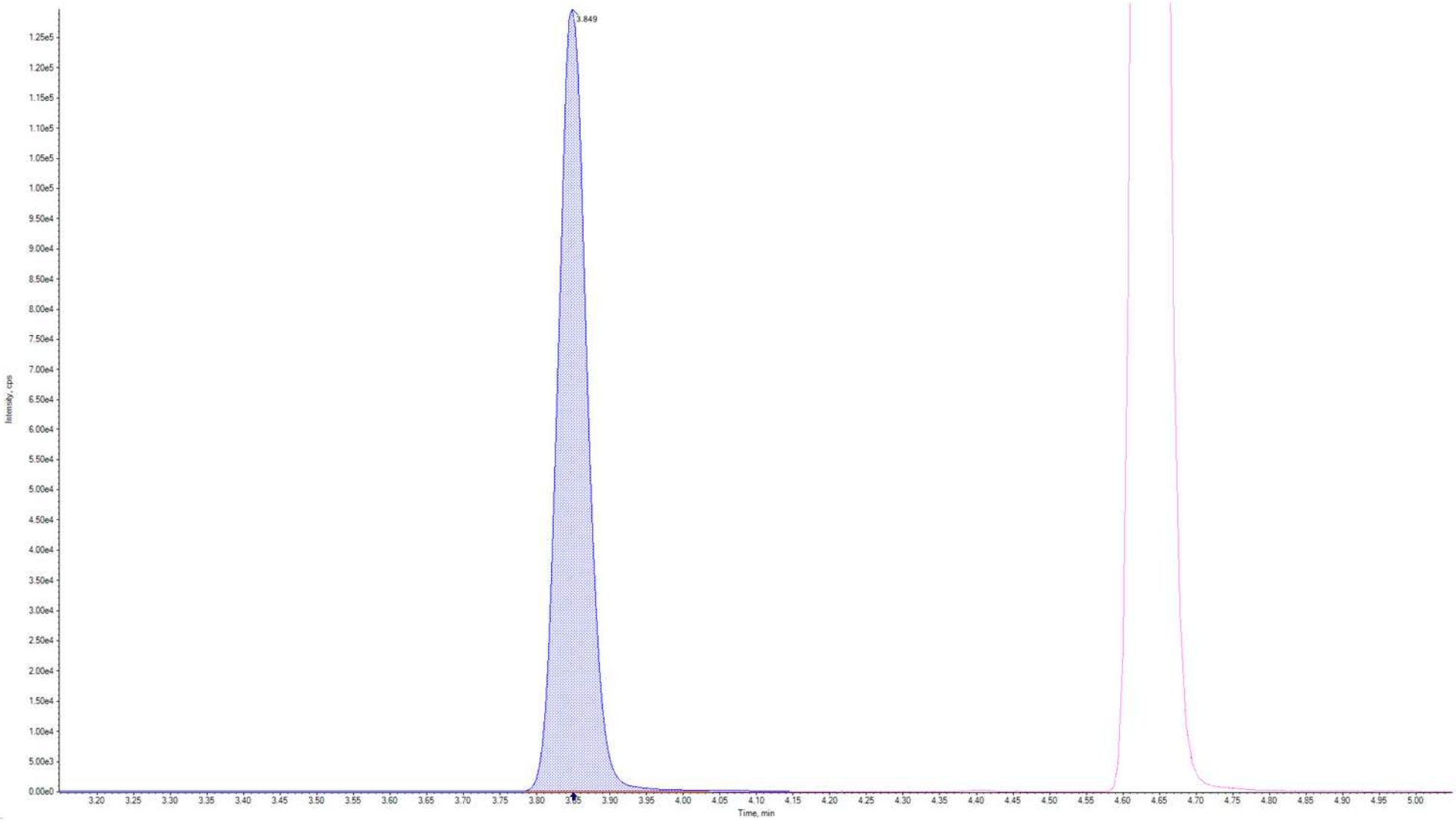
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFEESA_2
Sample: CA1633STD-10 S/N:7952.6 Points Across peak:41



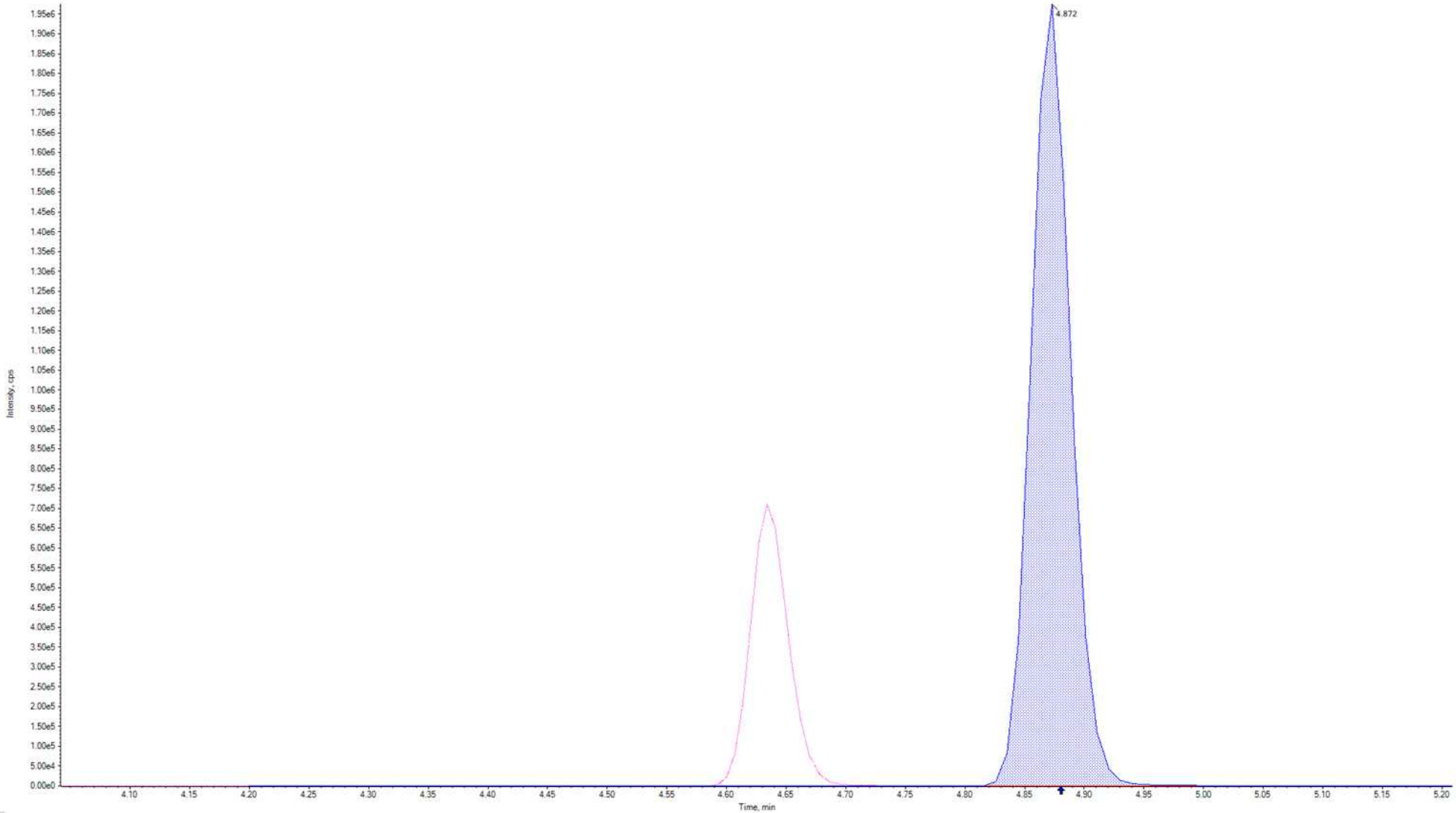
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFMPA
Sample: CA1633STD-10 S/N:4072.8 Points Across peak:68



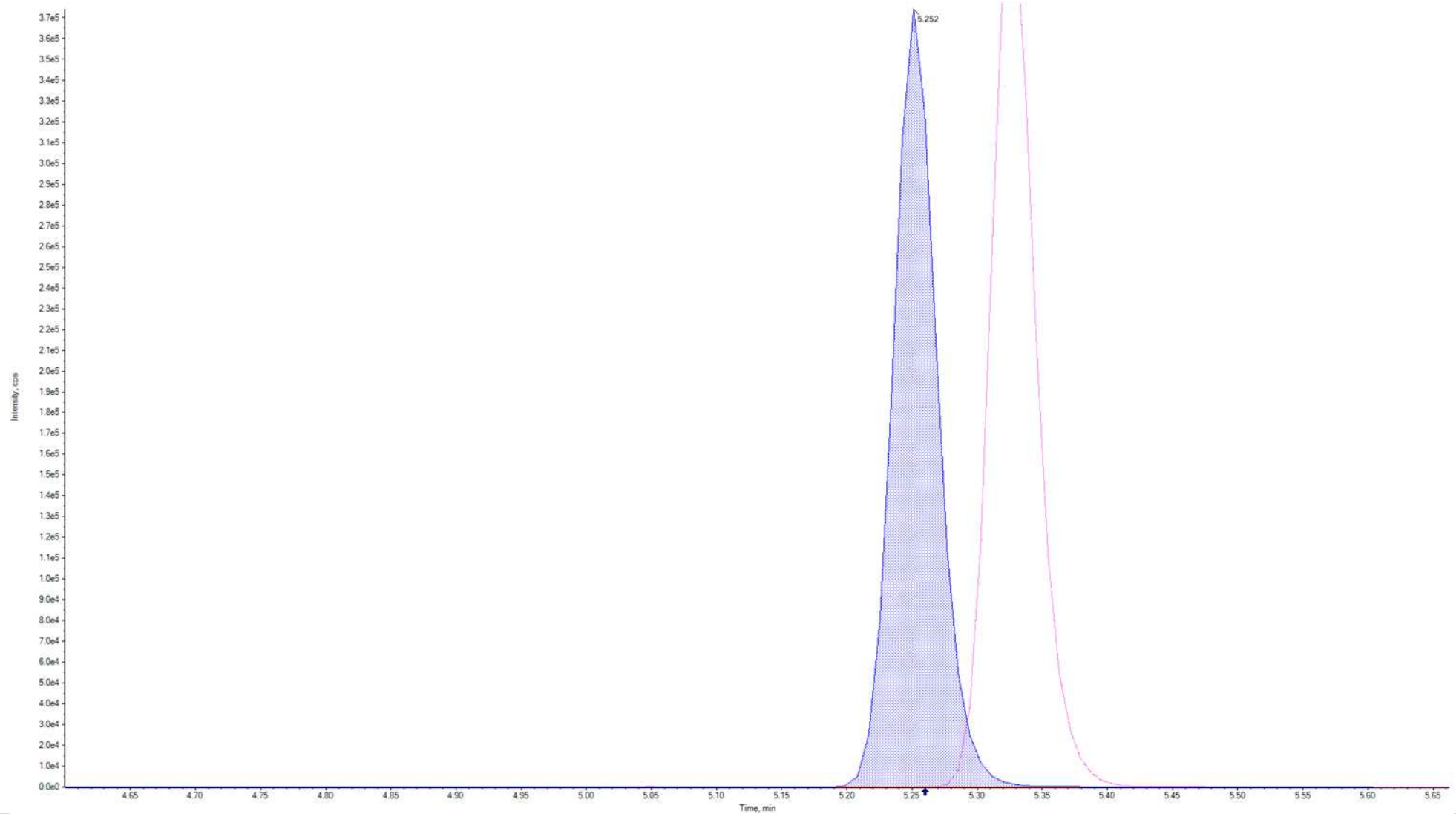
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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PFMBA
Sample: CA1633STD-10 S/N:9696.0 Points Across peak:27



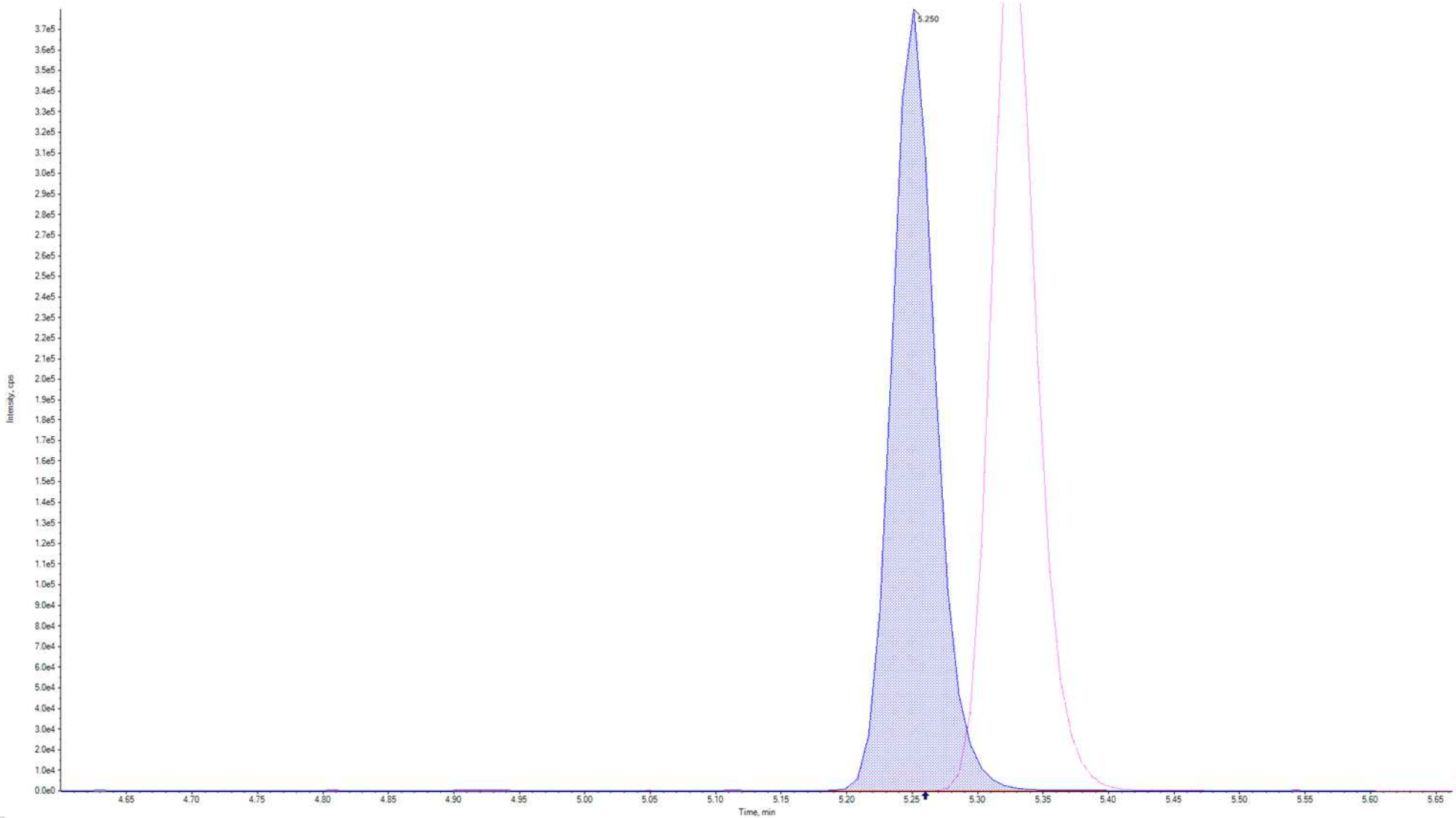
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NFDHA
Sample: CA1633STD-10 S/N:37574917.5 Points Across peak:29



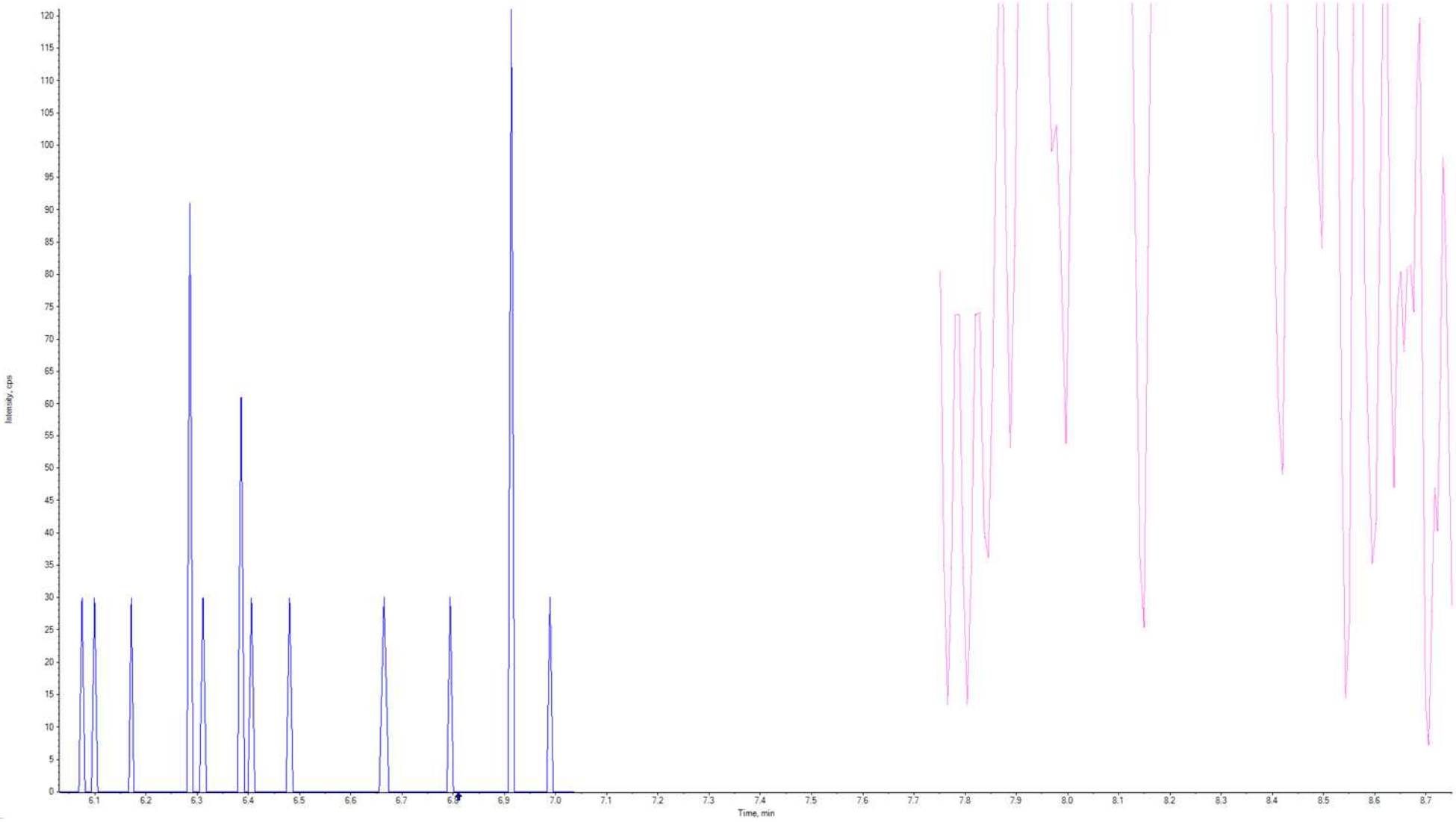
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
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Generated: 8/14/2024 9:40:32 AM

NFDHA_2
Sample: CA1633STD-10 S/N:3976.4 Points Across peak:34



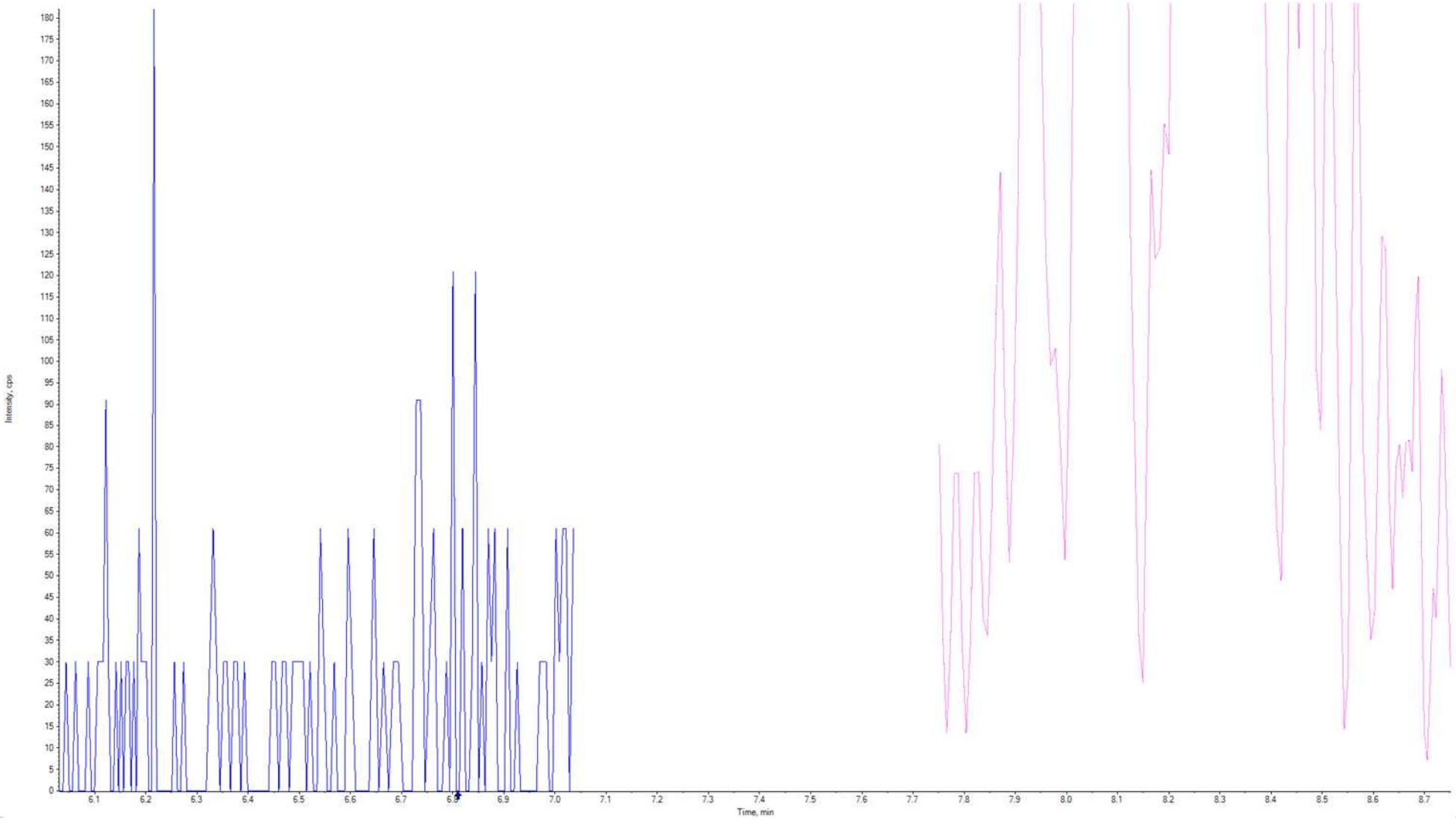
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

TDCA
Sample: CA1633STD-10 S/N:N/A Points Across peak:N/A



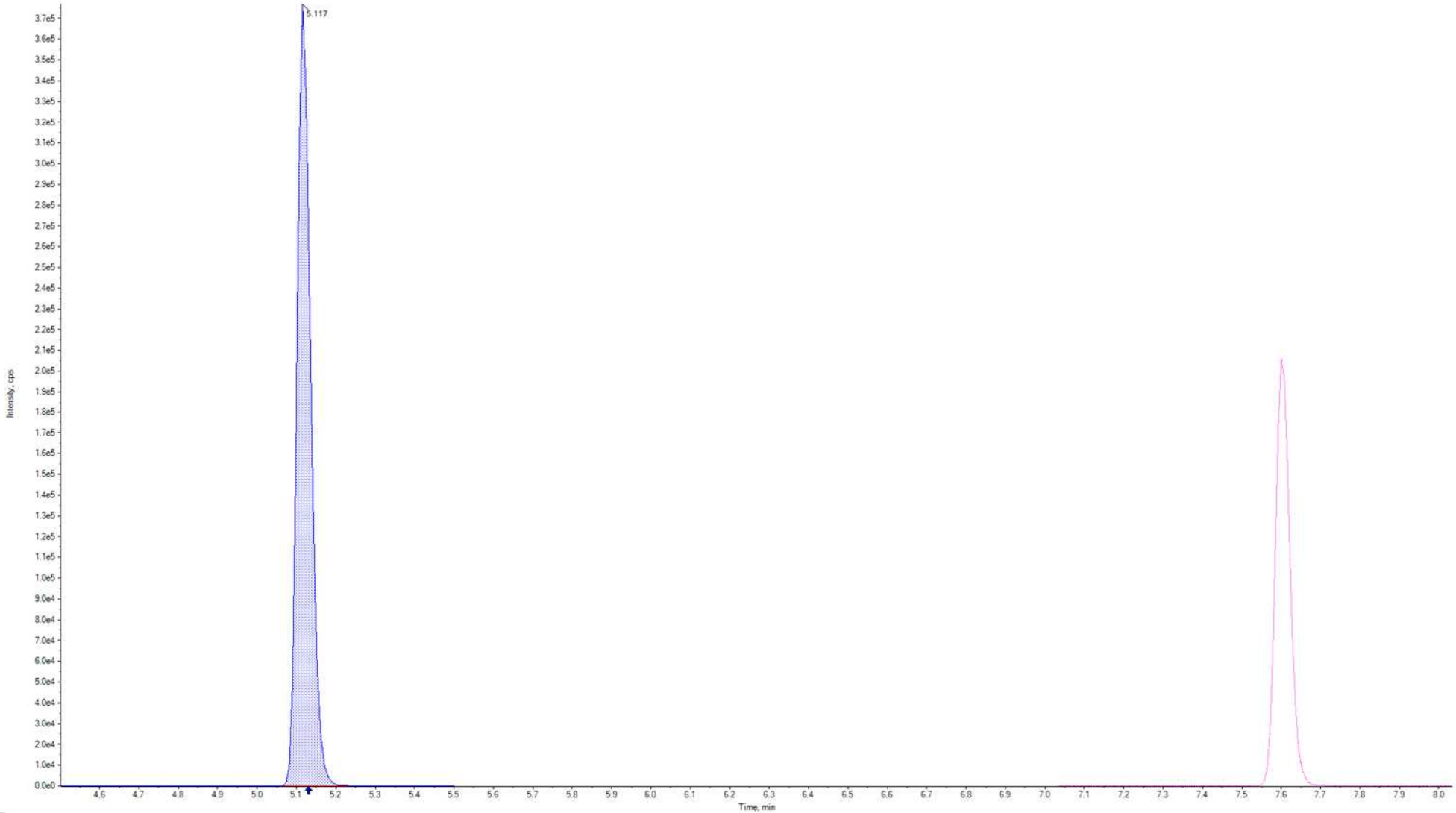
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

TDCA_2
Sample: CA1633STD-10 S/N:N/A Points Across peak:N/A



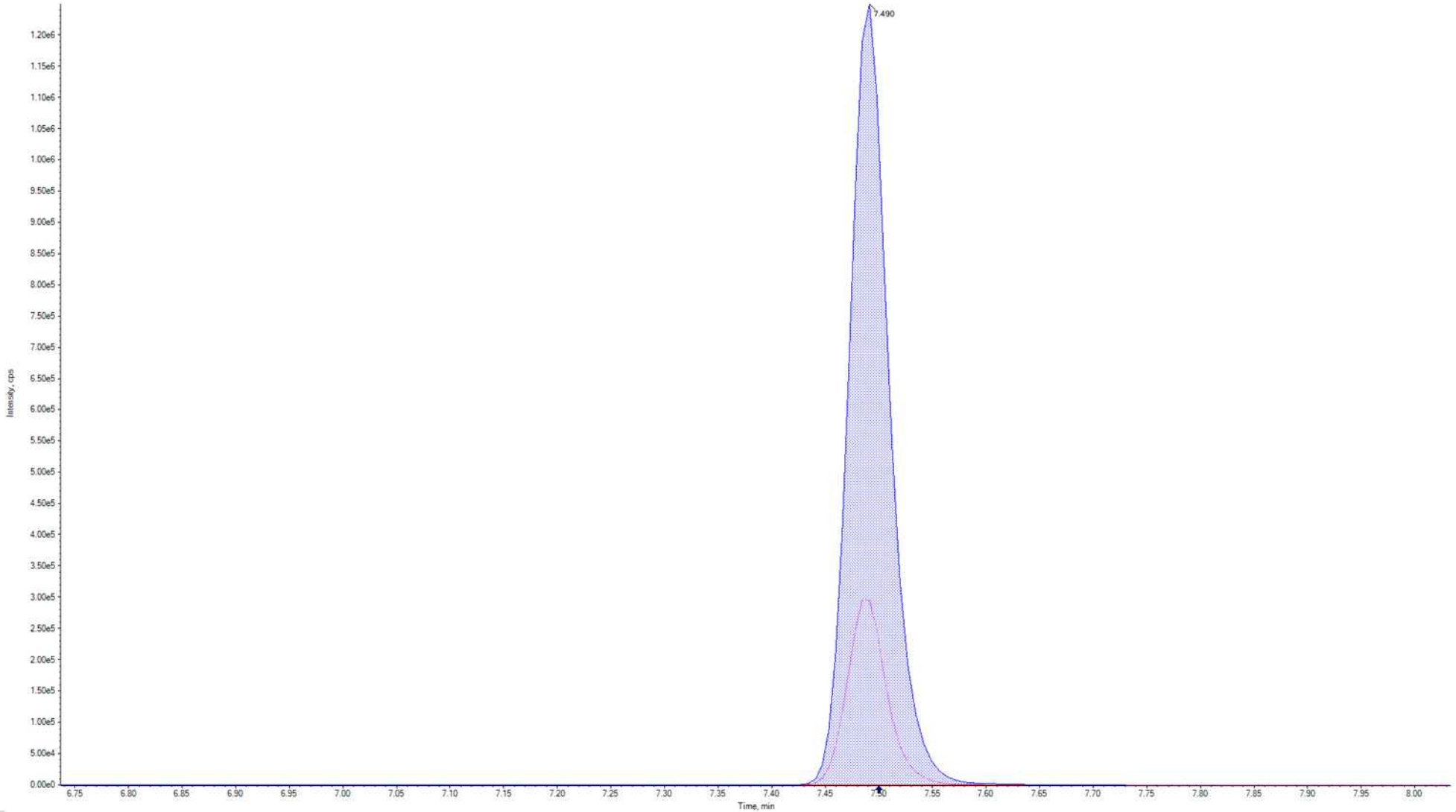
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C2D4-4:2FTS
Sample: CA1633STD-10 S/N:8132.6 Points Across peak:26

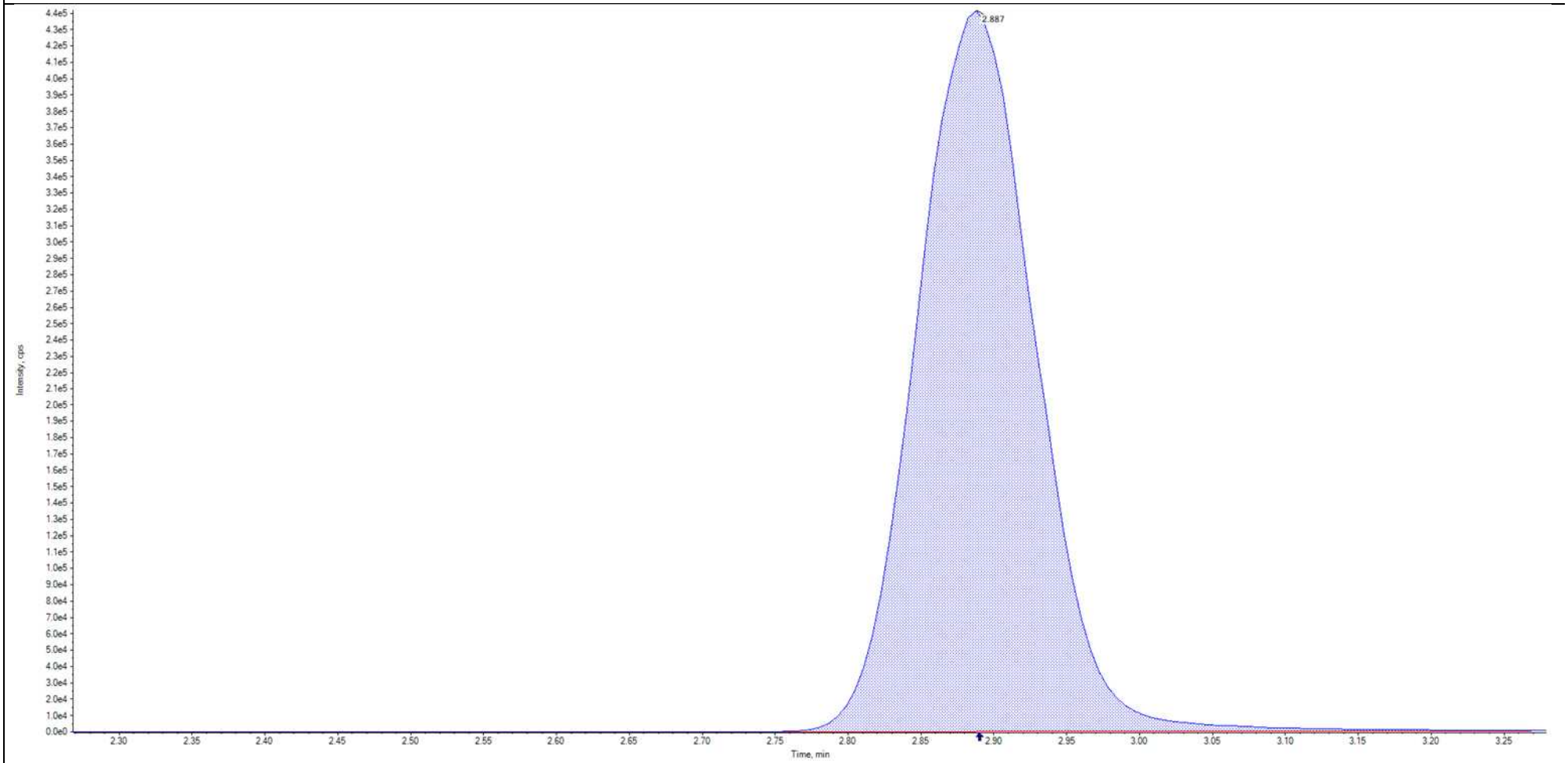


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

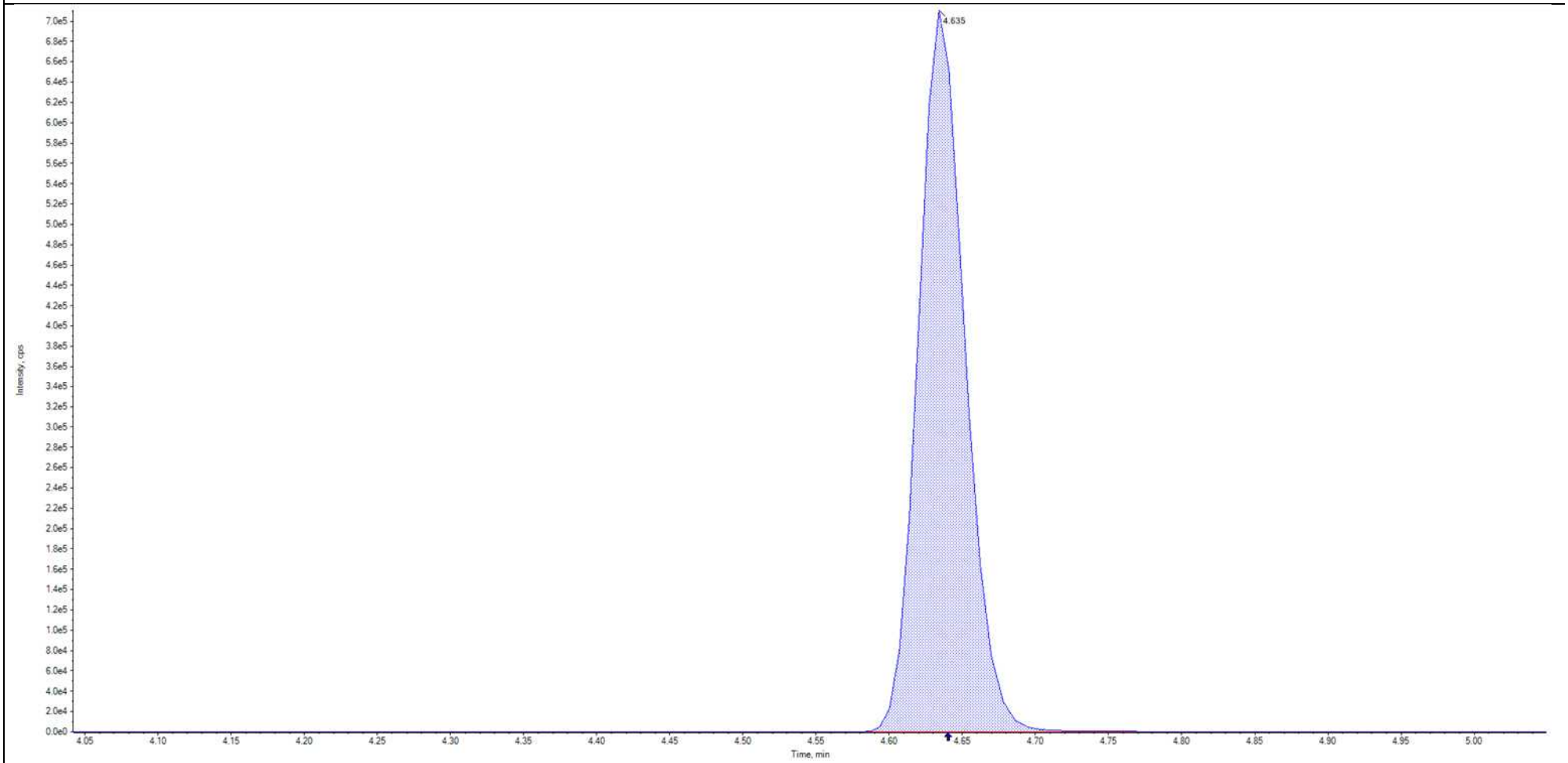
13C2-PFOA
Sample: CA1633STD-10 S/N:10276.5 Points Across peak:36



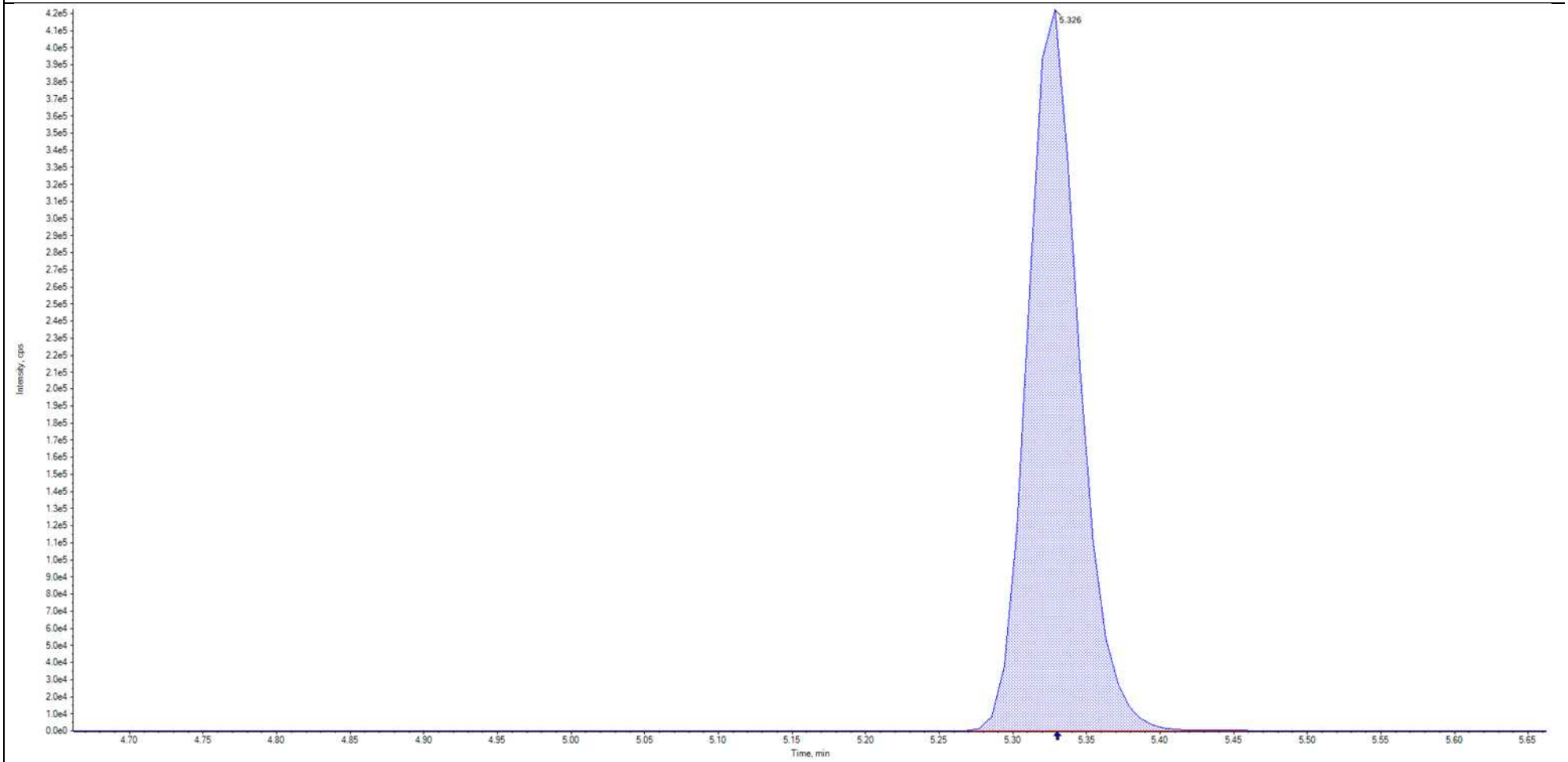
13C4-PFBA
Sample: CA1633STD-10



13C5-PFPeA
Sample: CA1633STD-10

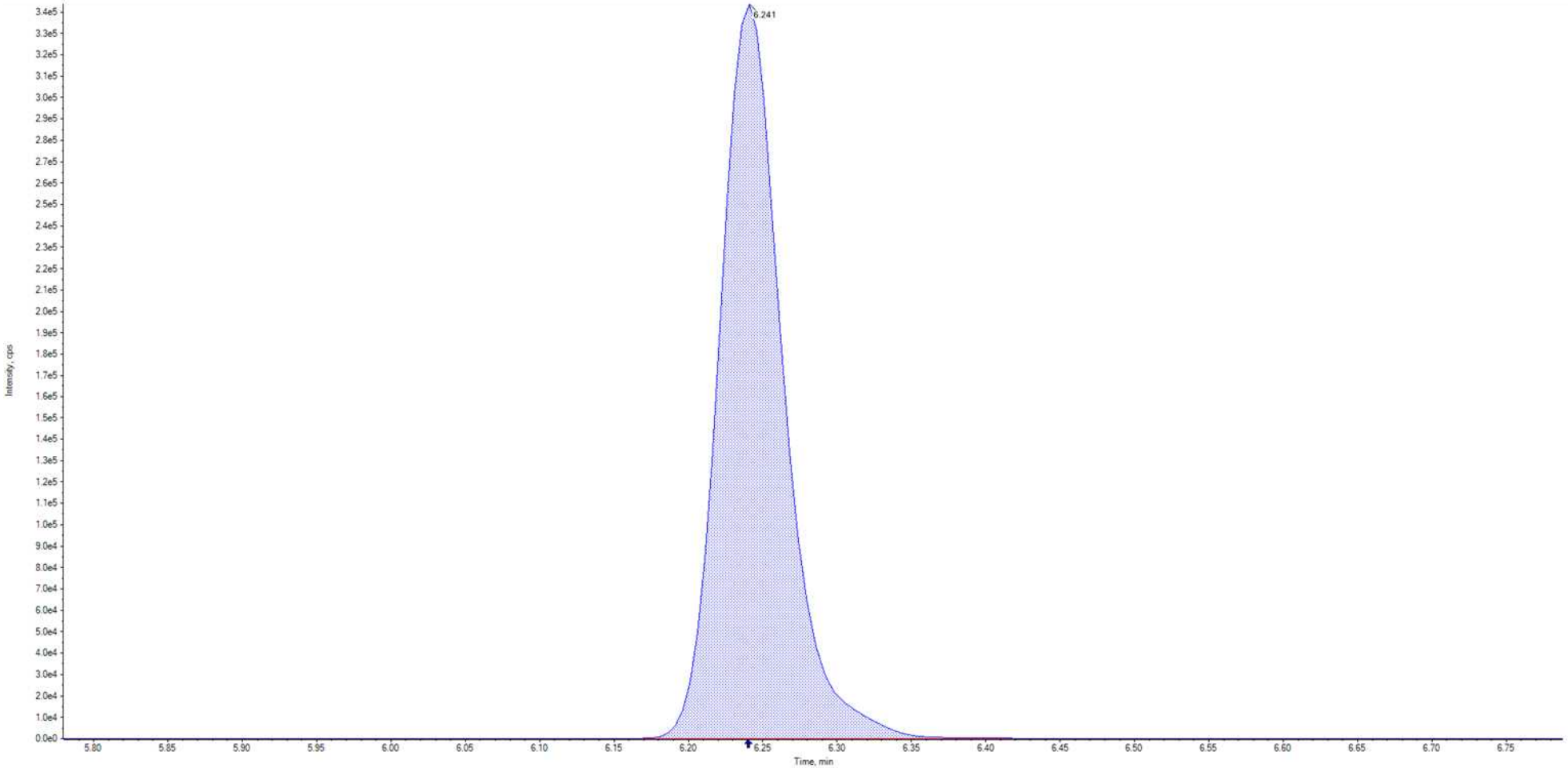


13C5-PFHxA
Sample: CA1633STD-10

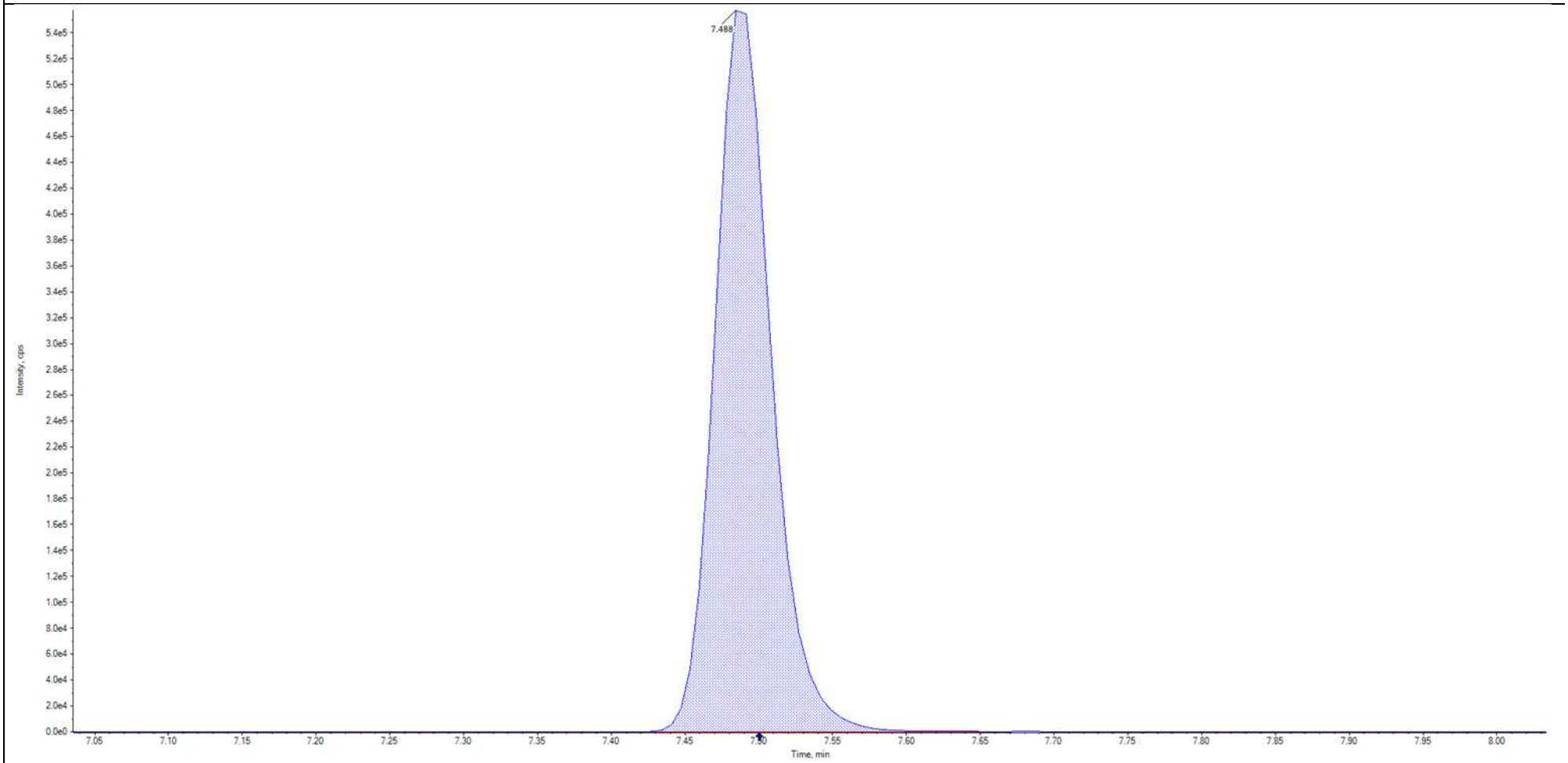


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

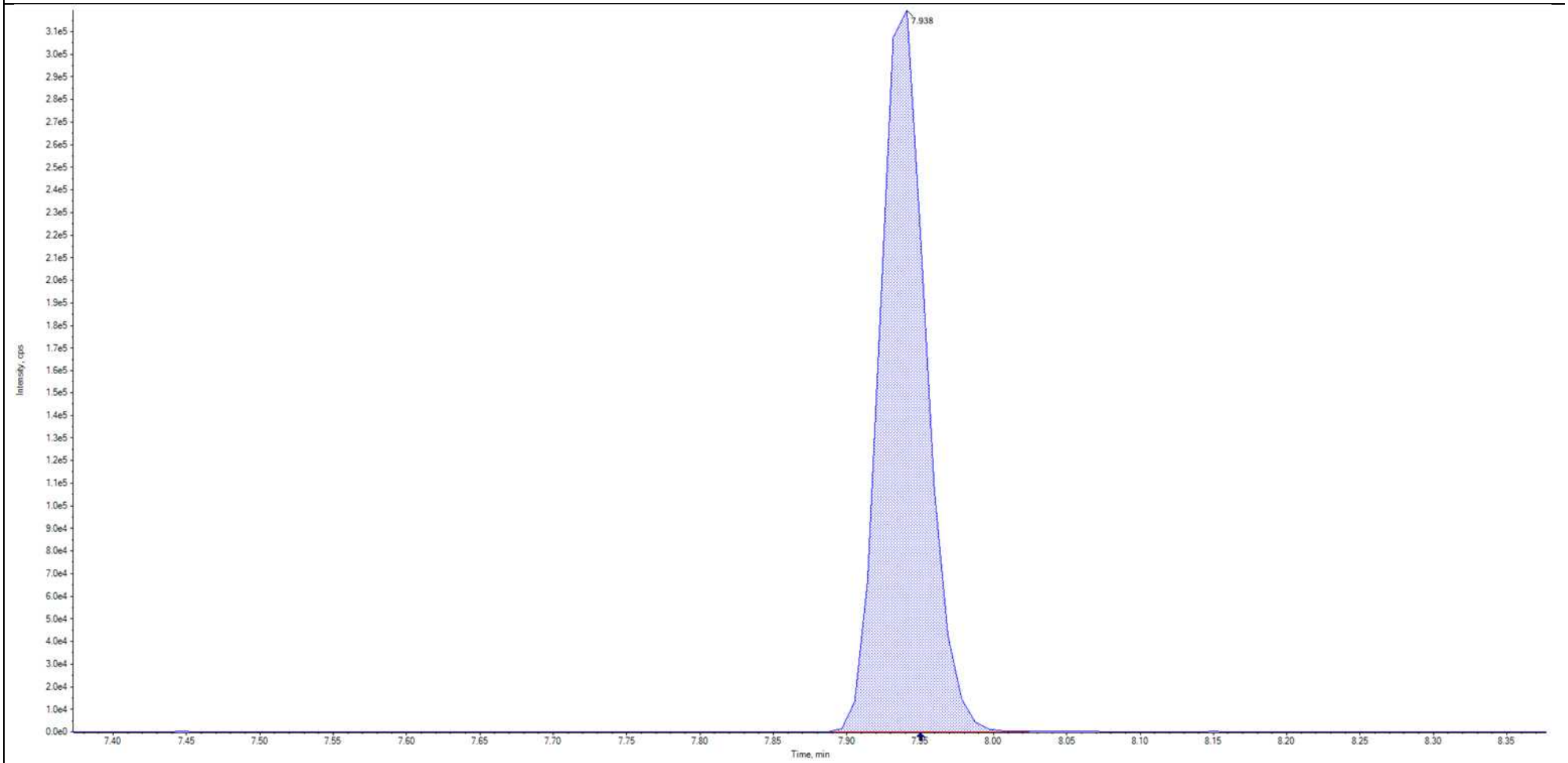
13C4-PFHpA
Sample: CA1633STD-10



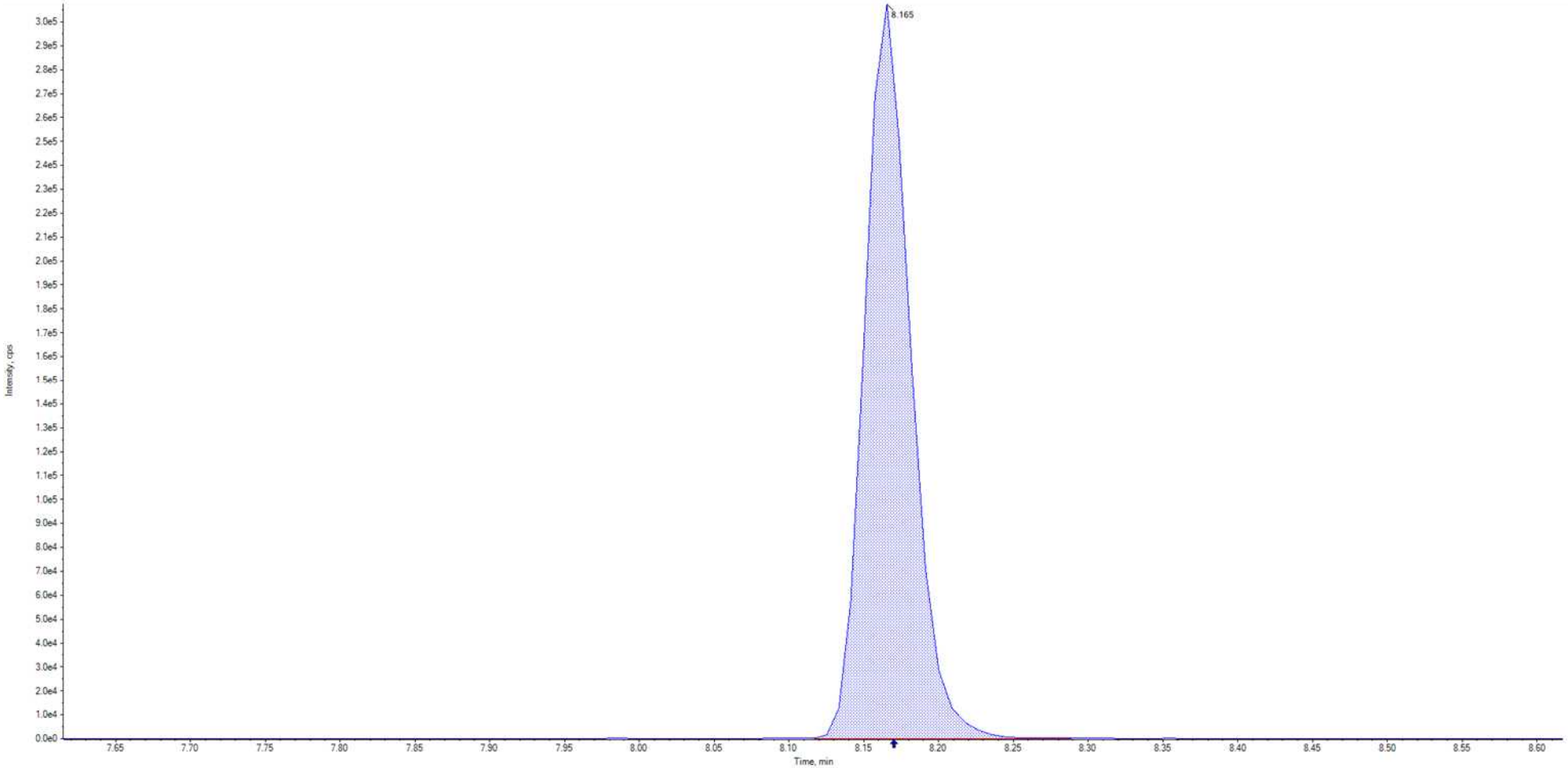
13C8-PFOA
Sample: CA1633STD-10



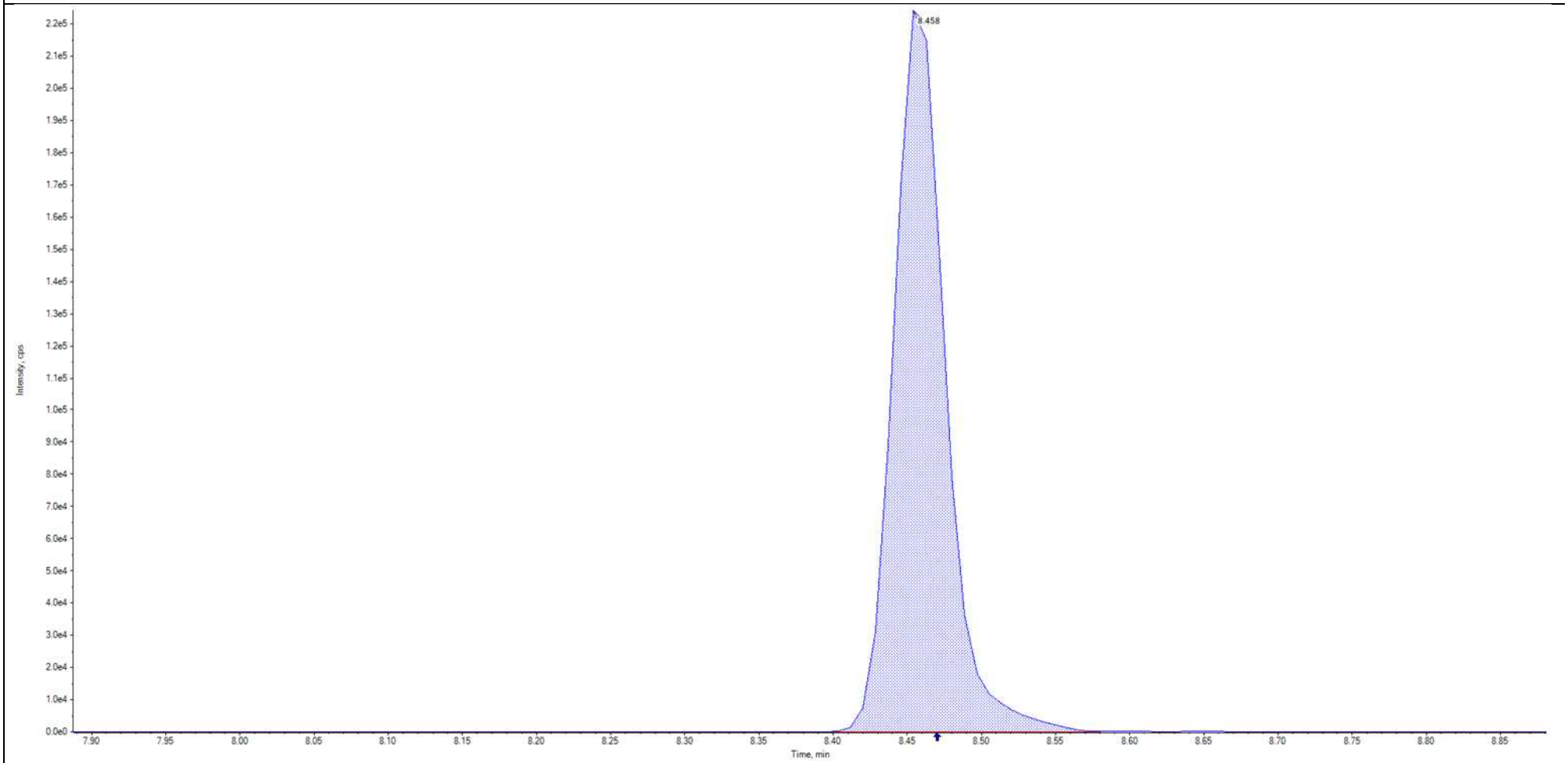
13C9-PFNA
Sample: CA1633STD-10



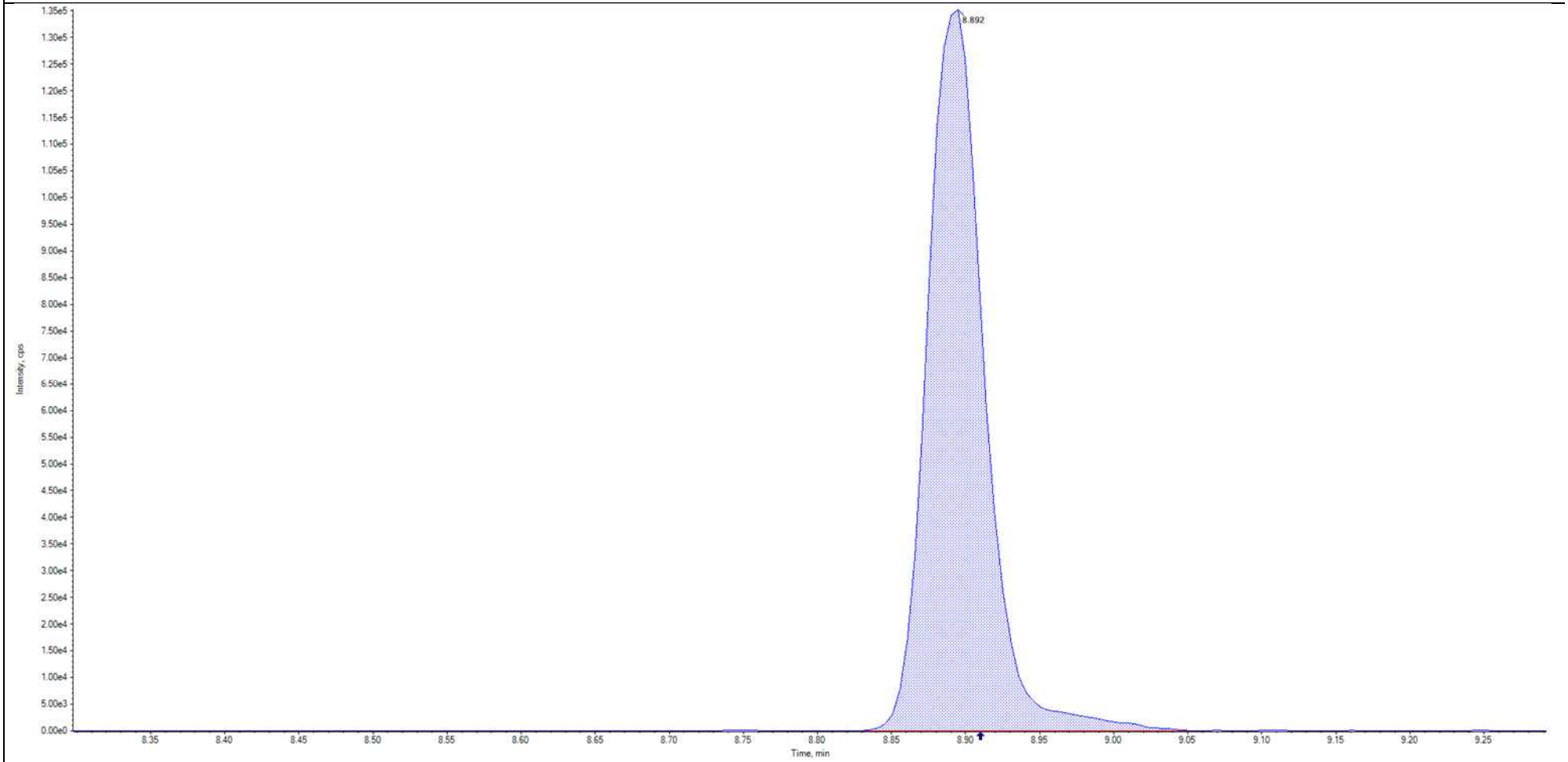
13C6-PFDA
Sample: CA1633STD-10



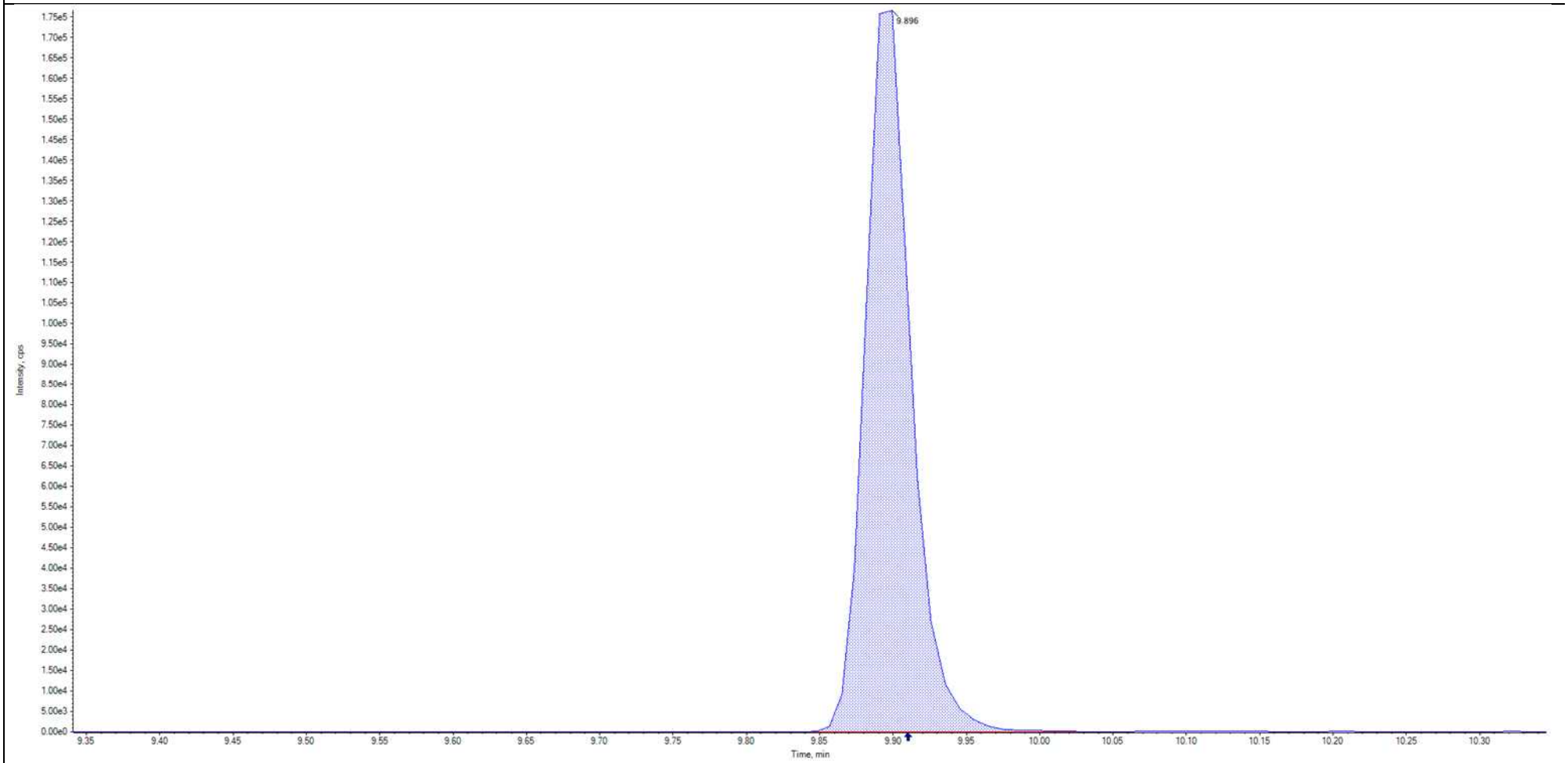
13C7-PFUnA
Sample: CA1633STD-10



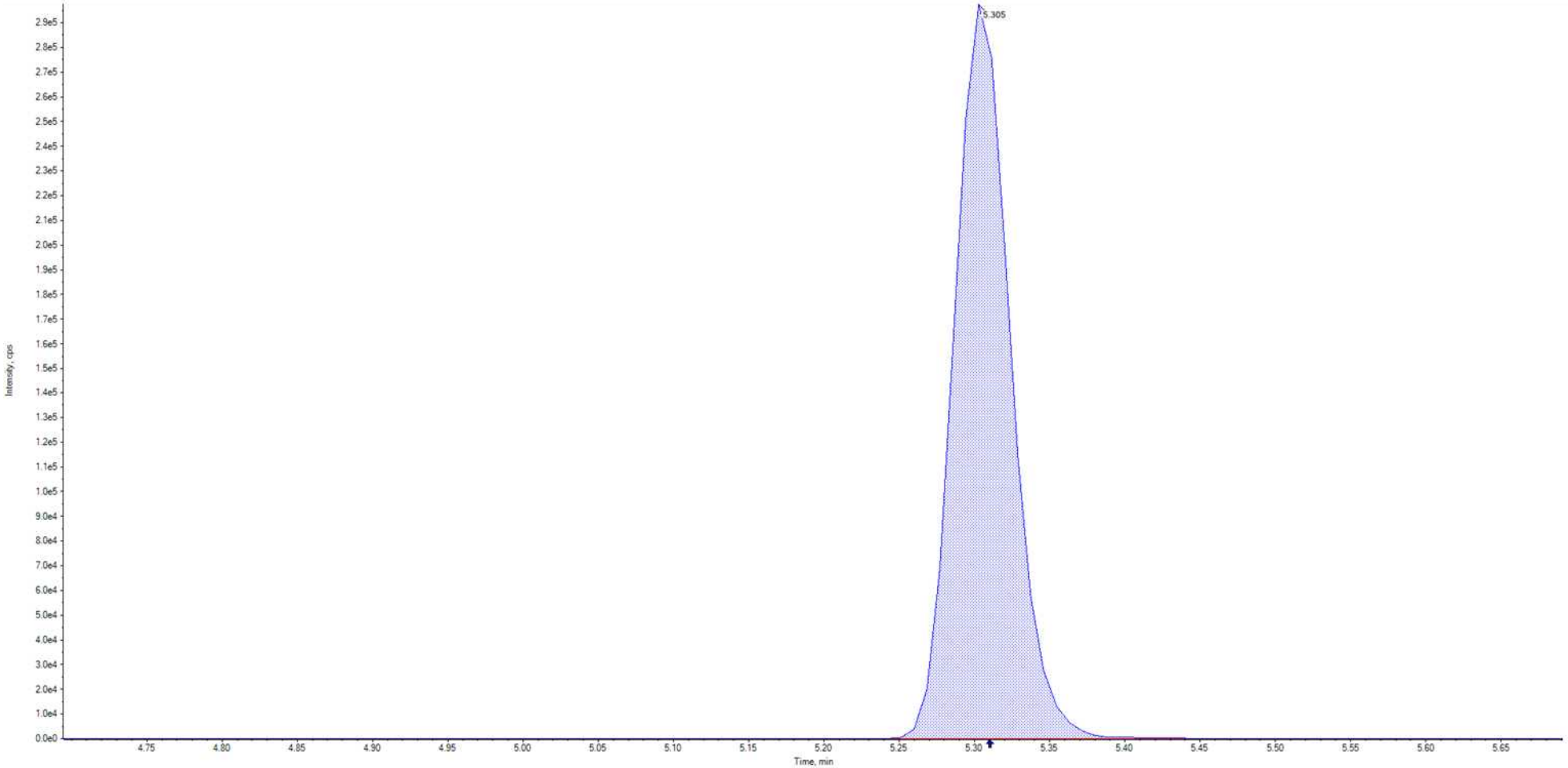
13C2-PFDoA
Sample: CA1633STD-10



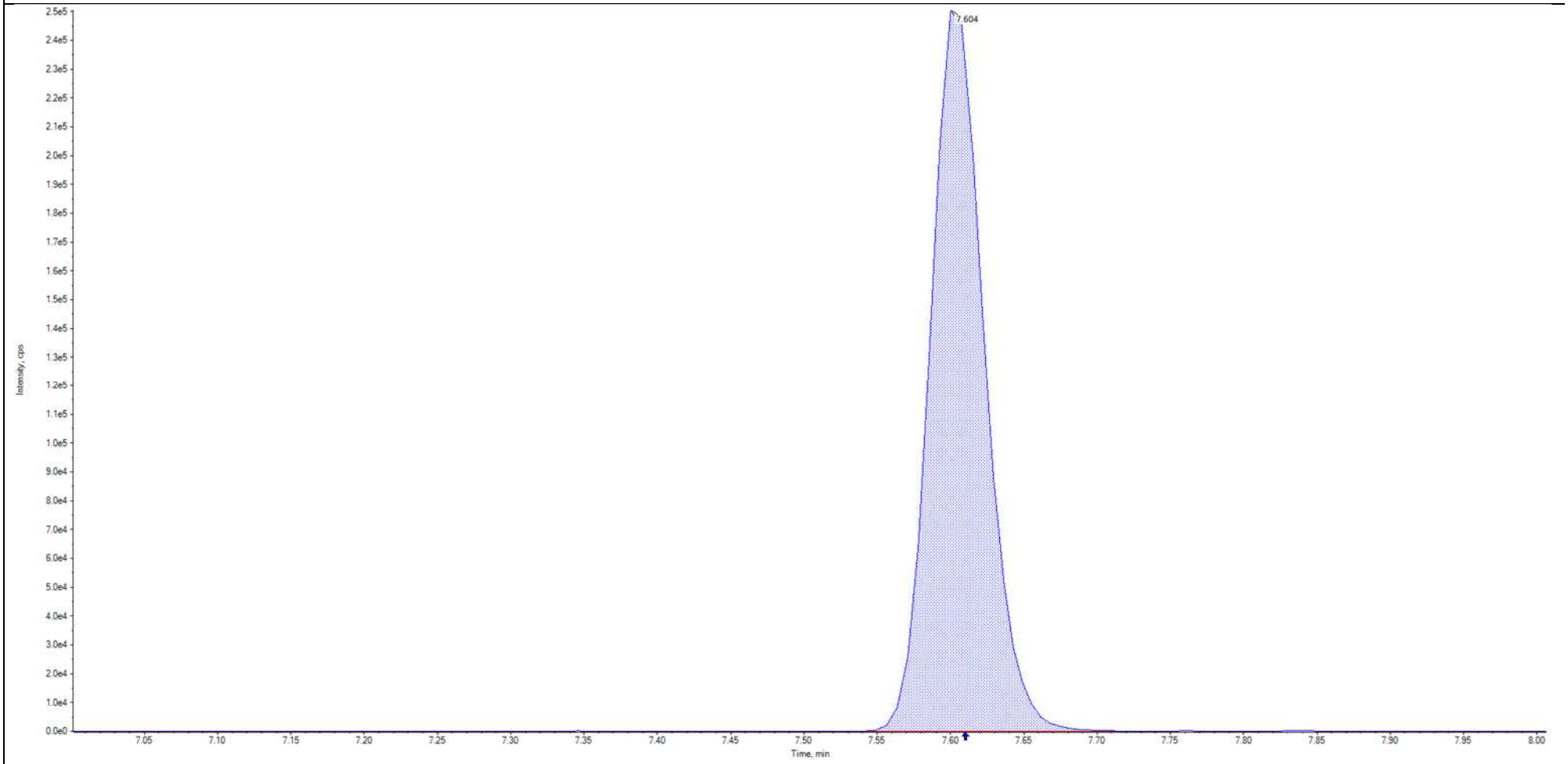
13C2-PFTeDA
Sample: CA1633STD-10



13C3-PFBS
Sample: CA1633STD-10

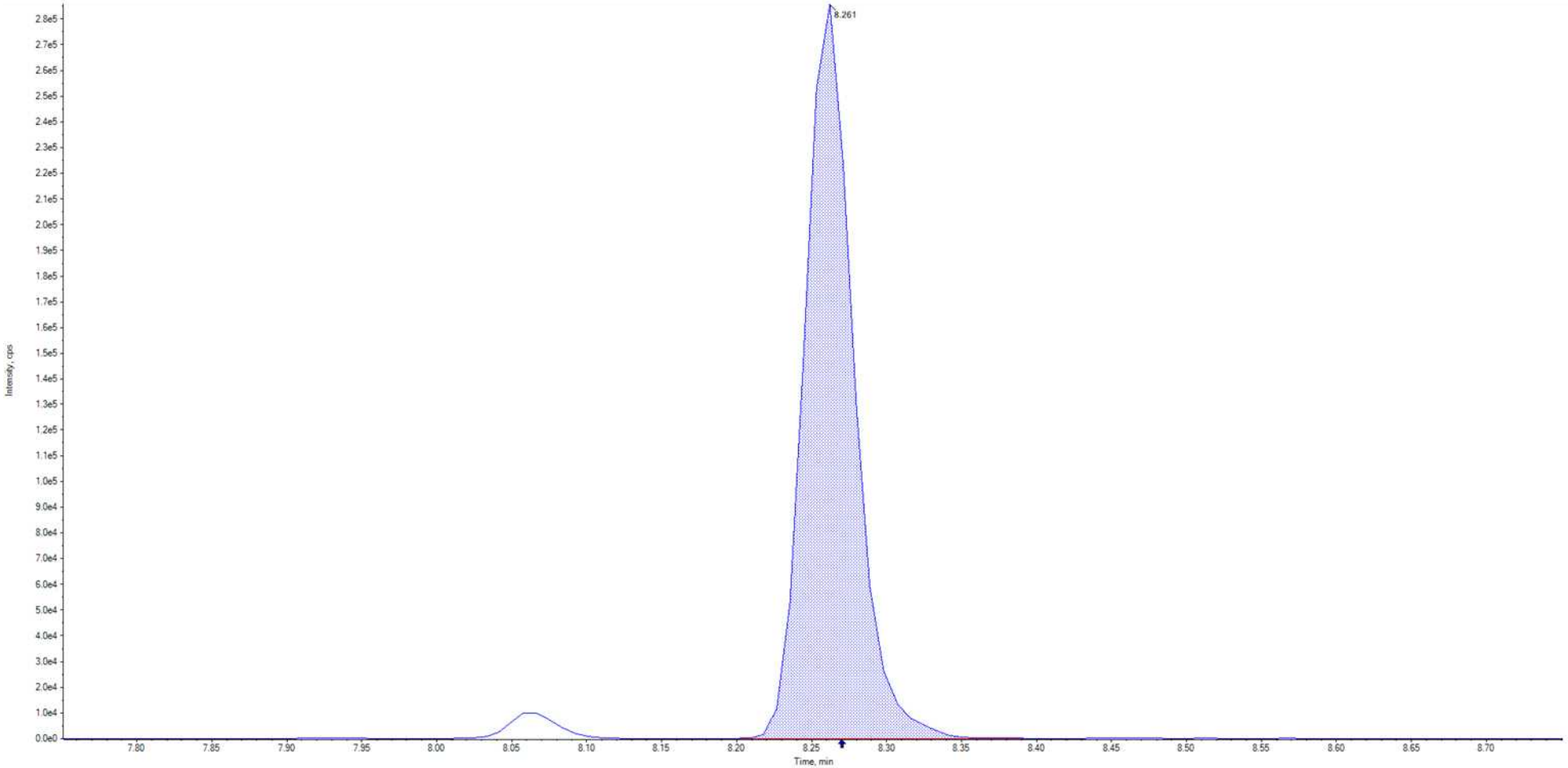


13C3-PFHxS
Sample: CA1633STD-10

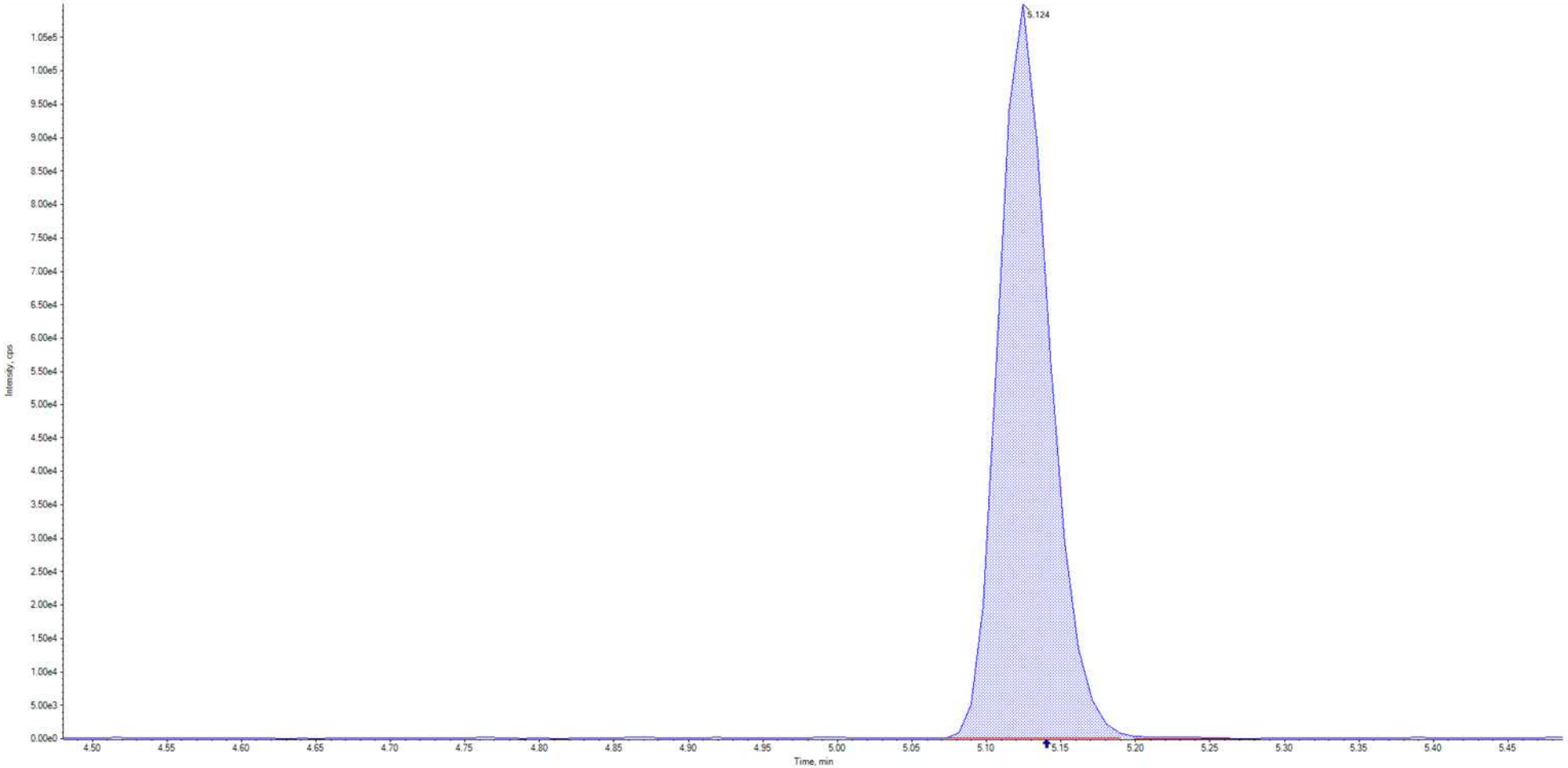


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
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Generated: 8/14/2024 9:40:32 AM

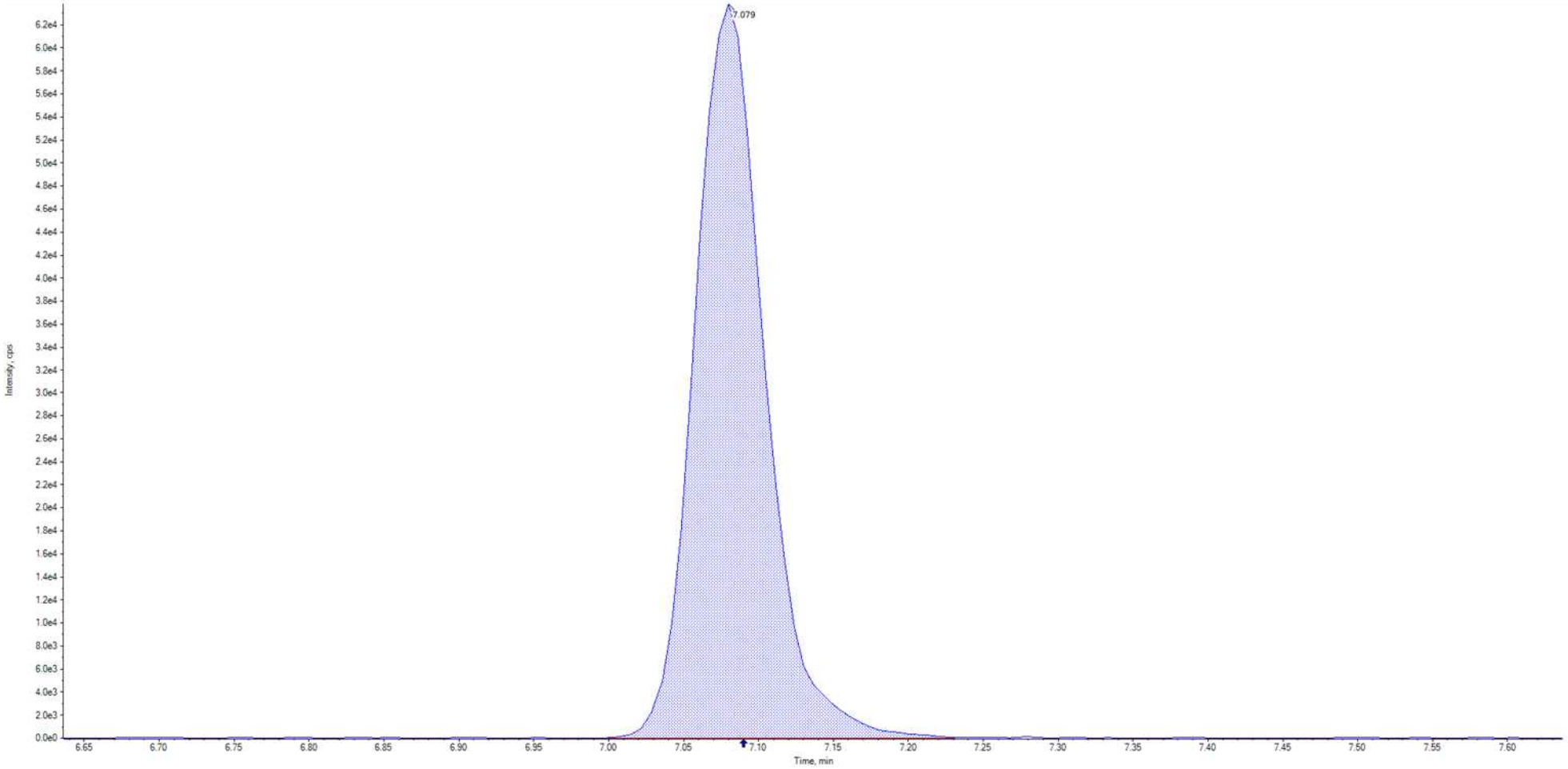
13C8-PFOS
Sample: CA1633STD-10



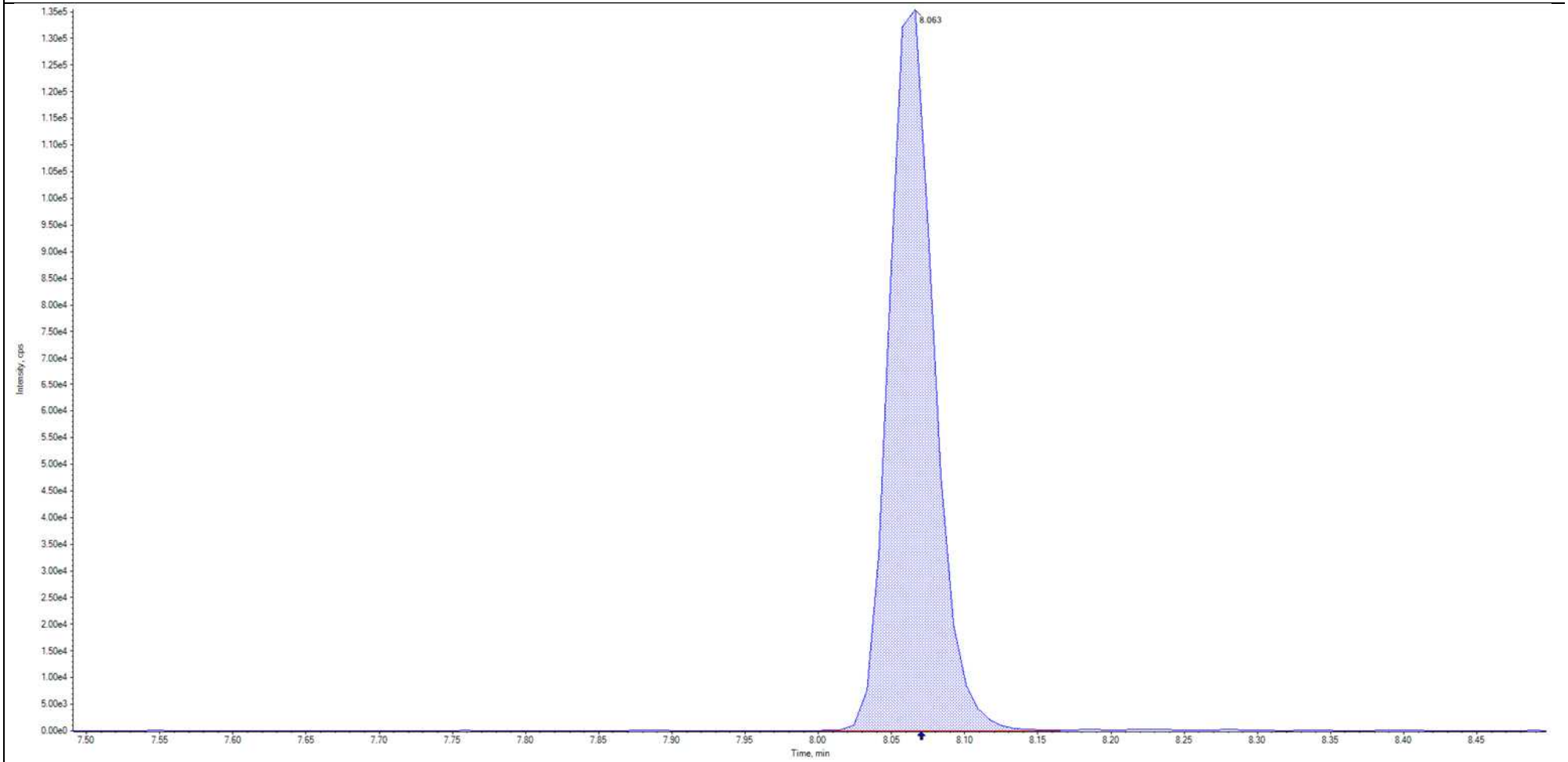
13C2-4:2FTS
Sample: CA1633STD-10



13C2-6:2FTS
Sample: CA1633STD-10

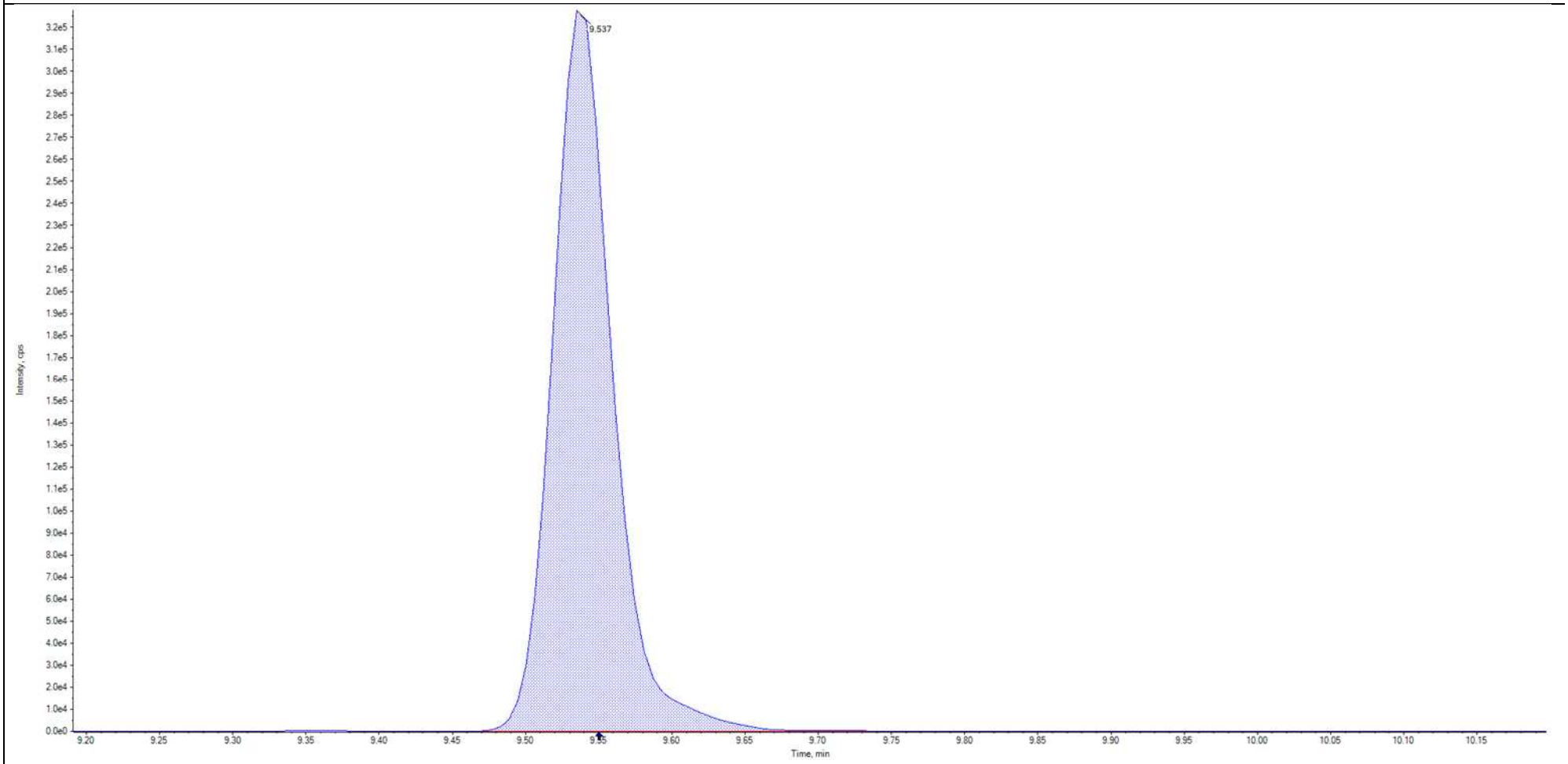


13C2-8:2FTS
Sample: CA1633STD-10

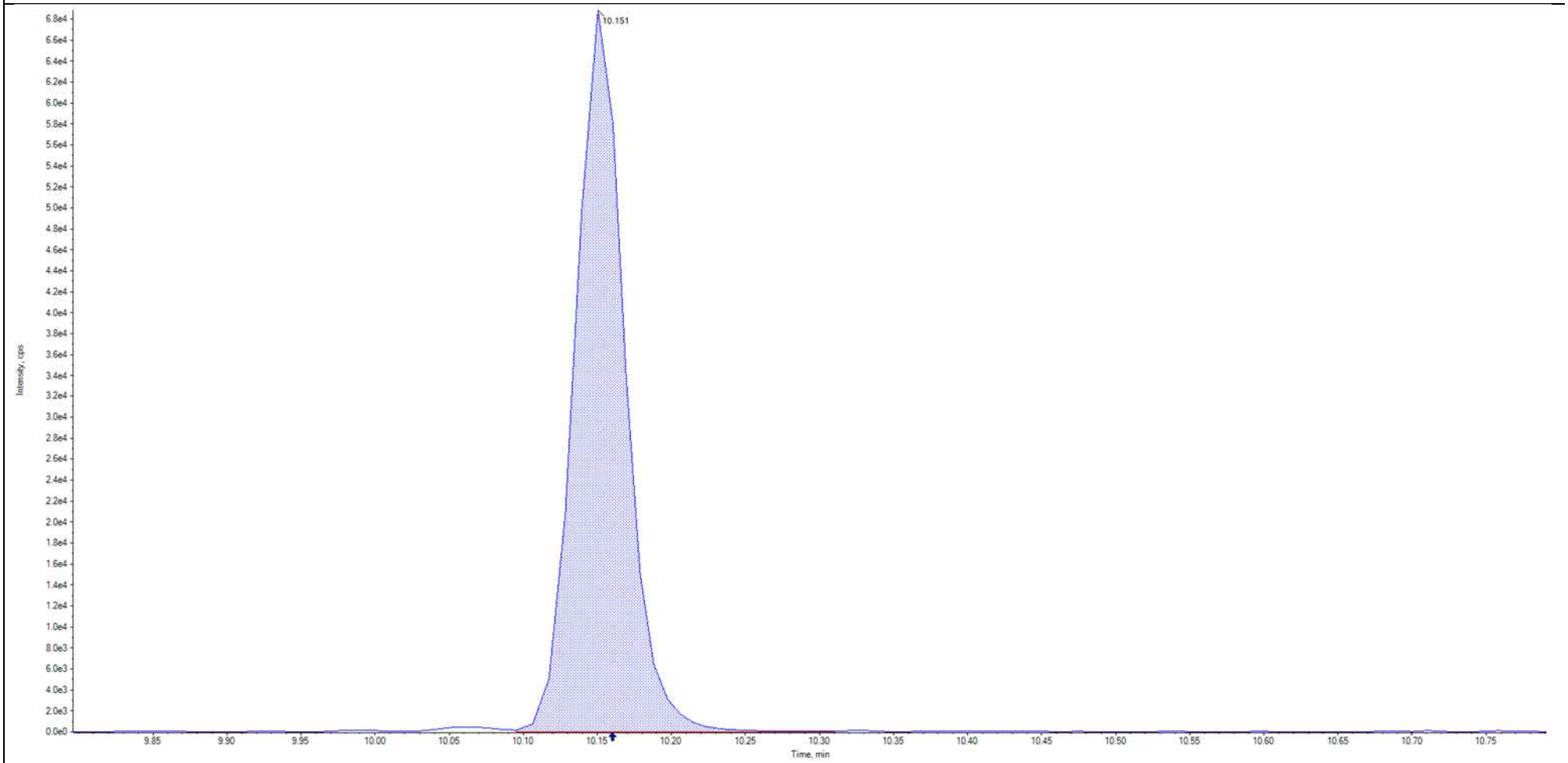


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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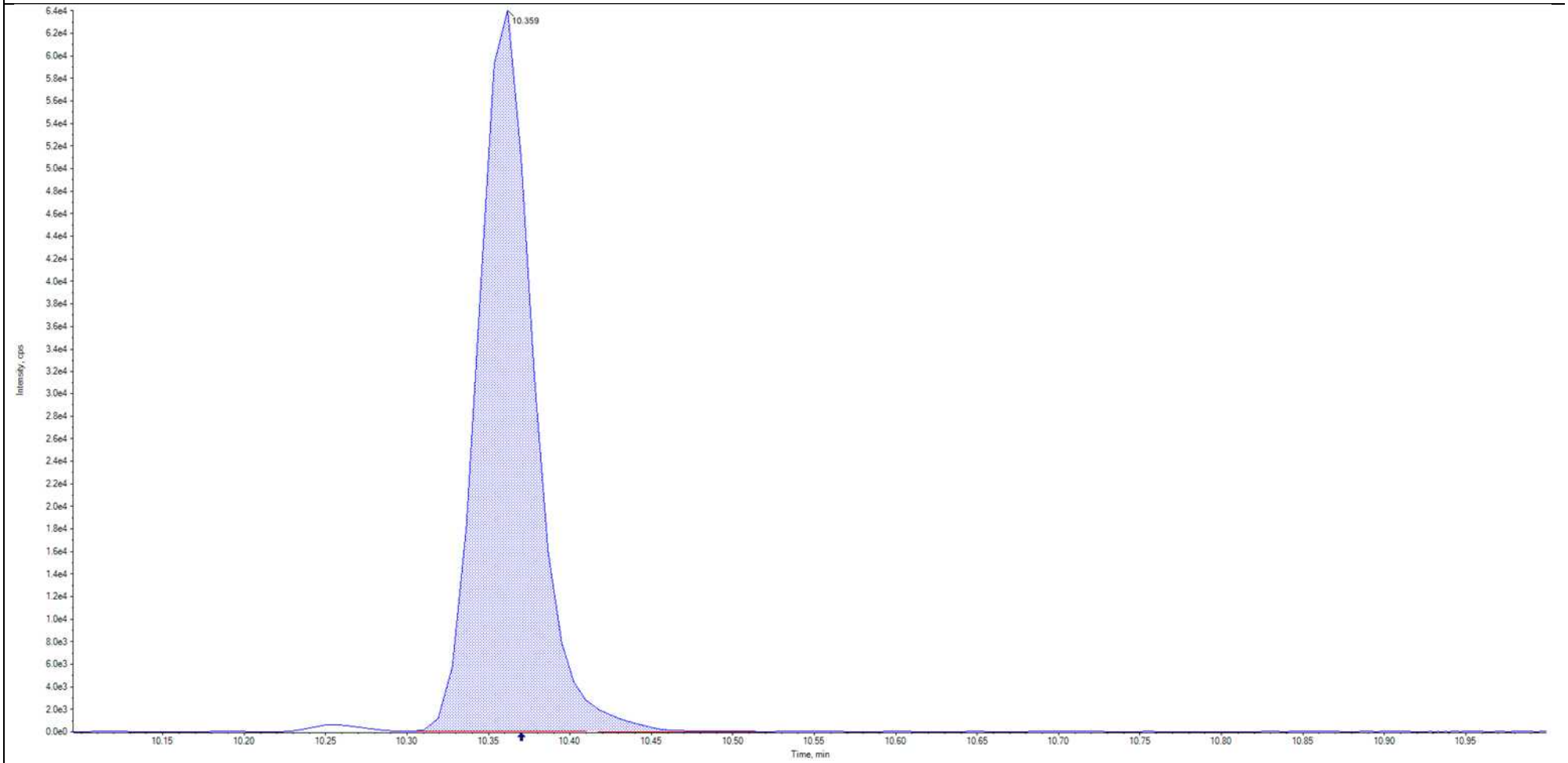
13C8-PFOSA
Sample: CA1633STD-10



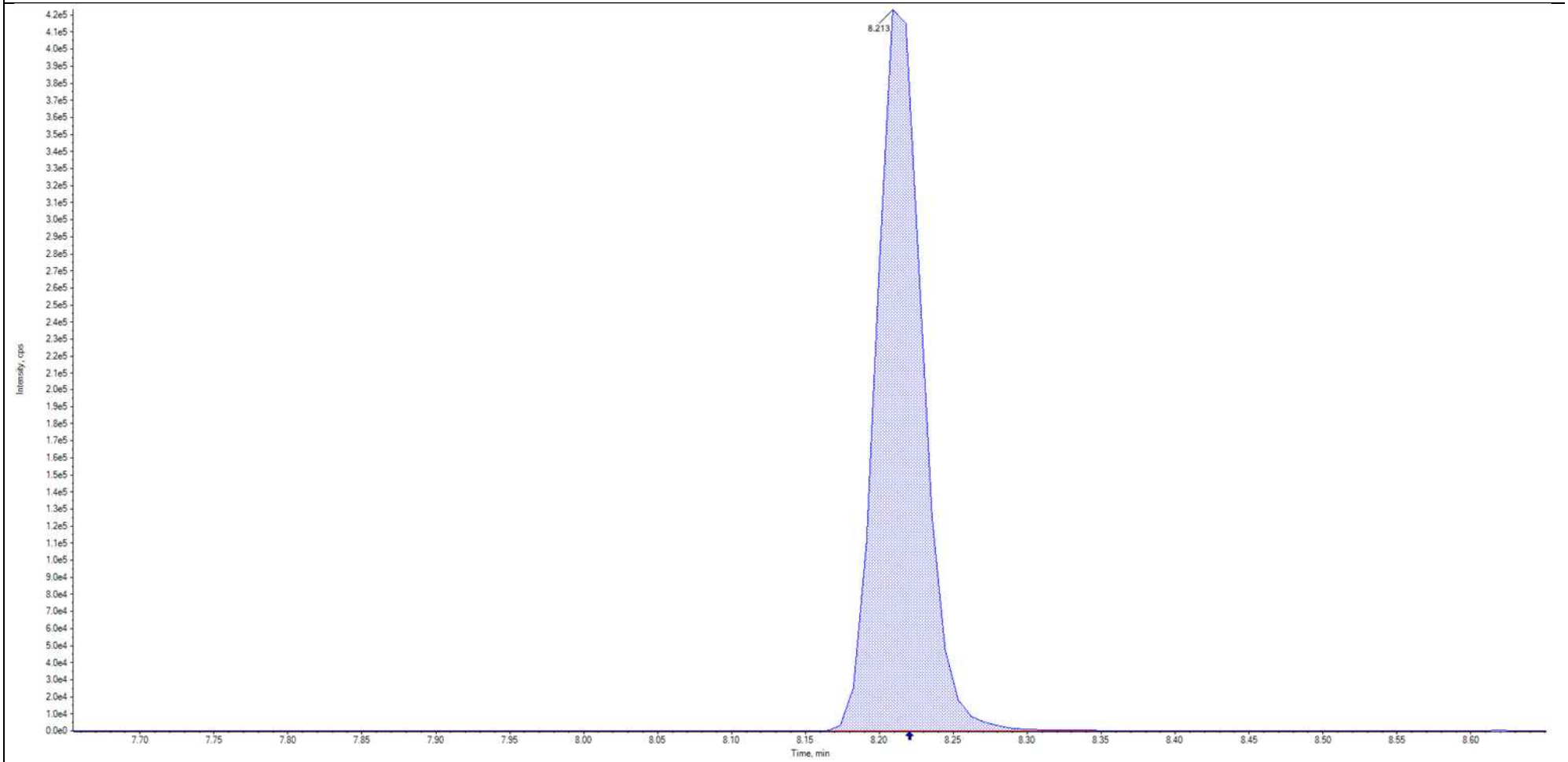
d3-NMeFOSA
Sample: CA1633STD-10



d5-NEtFOSA
Sample: CA1633STD-10

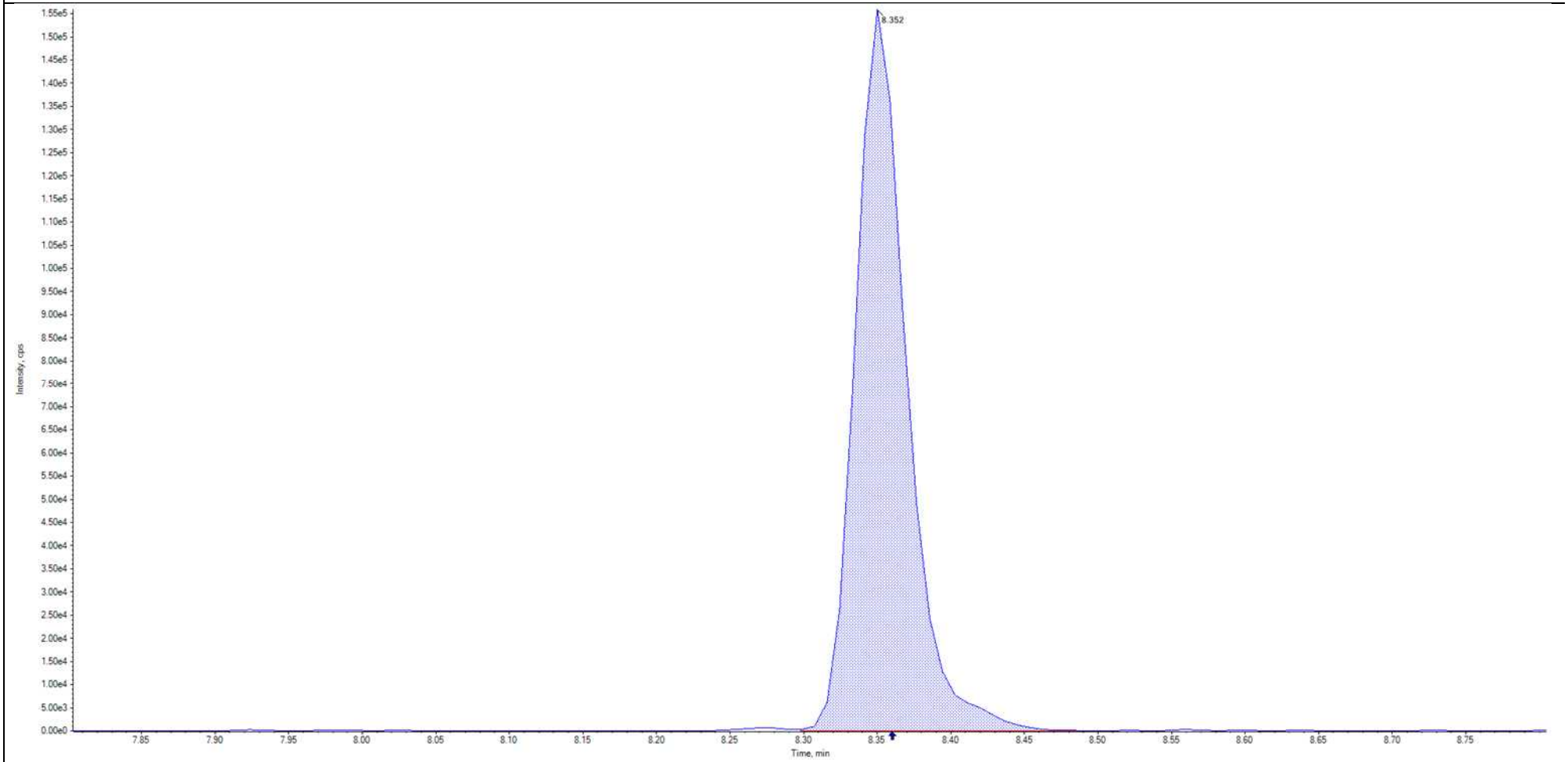


d3-NMeFOSAA
Sample: CA1633STD-10

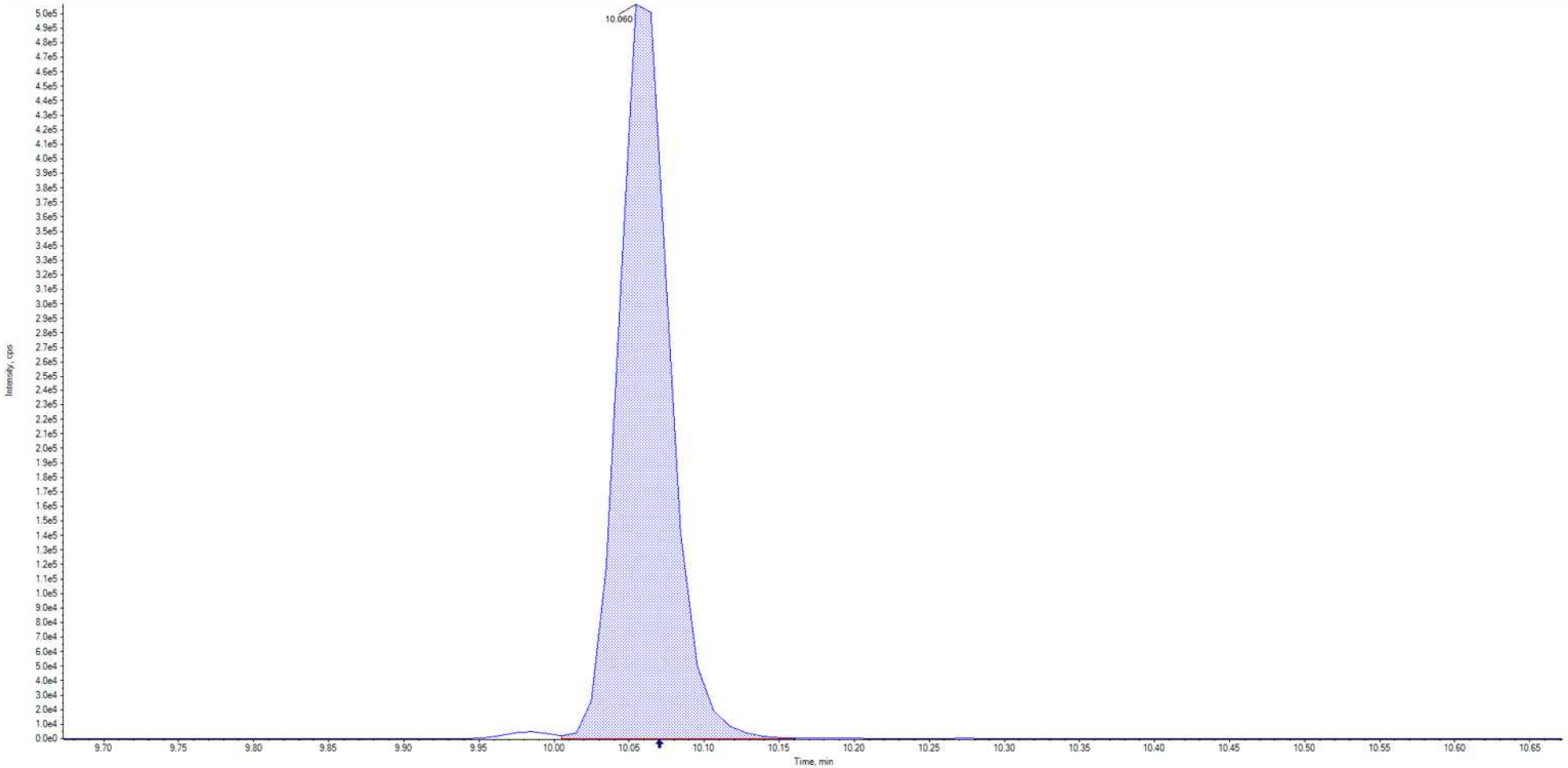


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 8/14/2024 9:40:32 AM

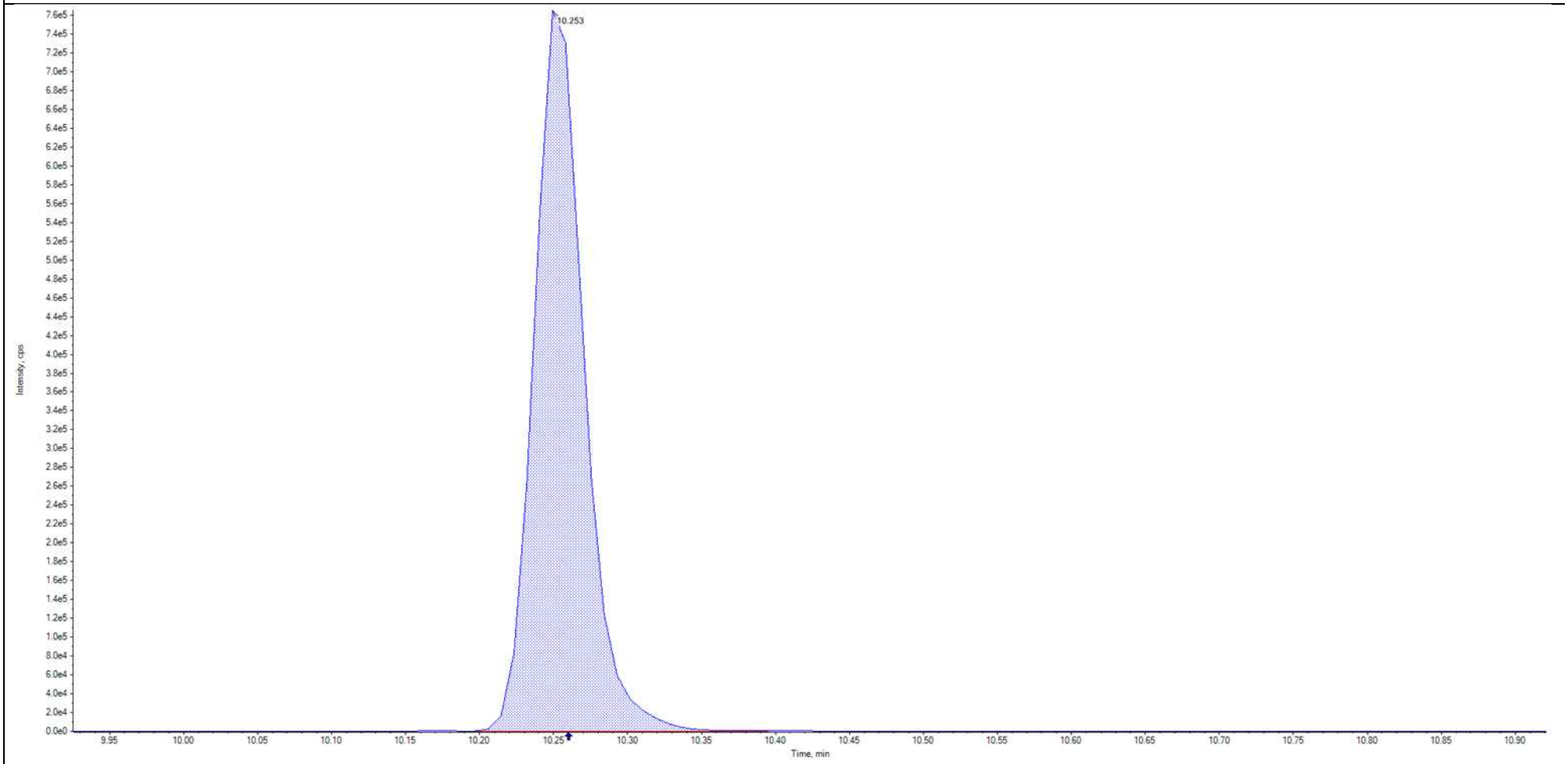
d5-NEtFOSAA
Sample: CA1633STD-10



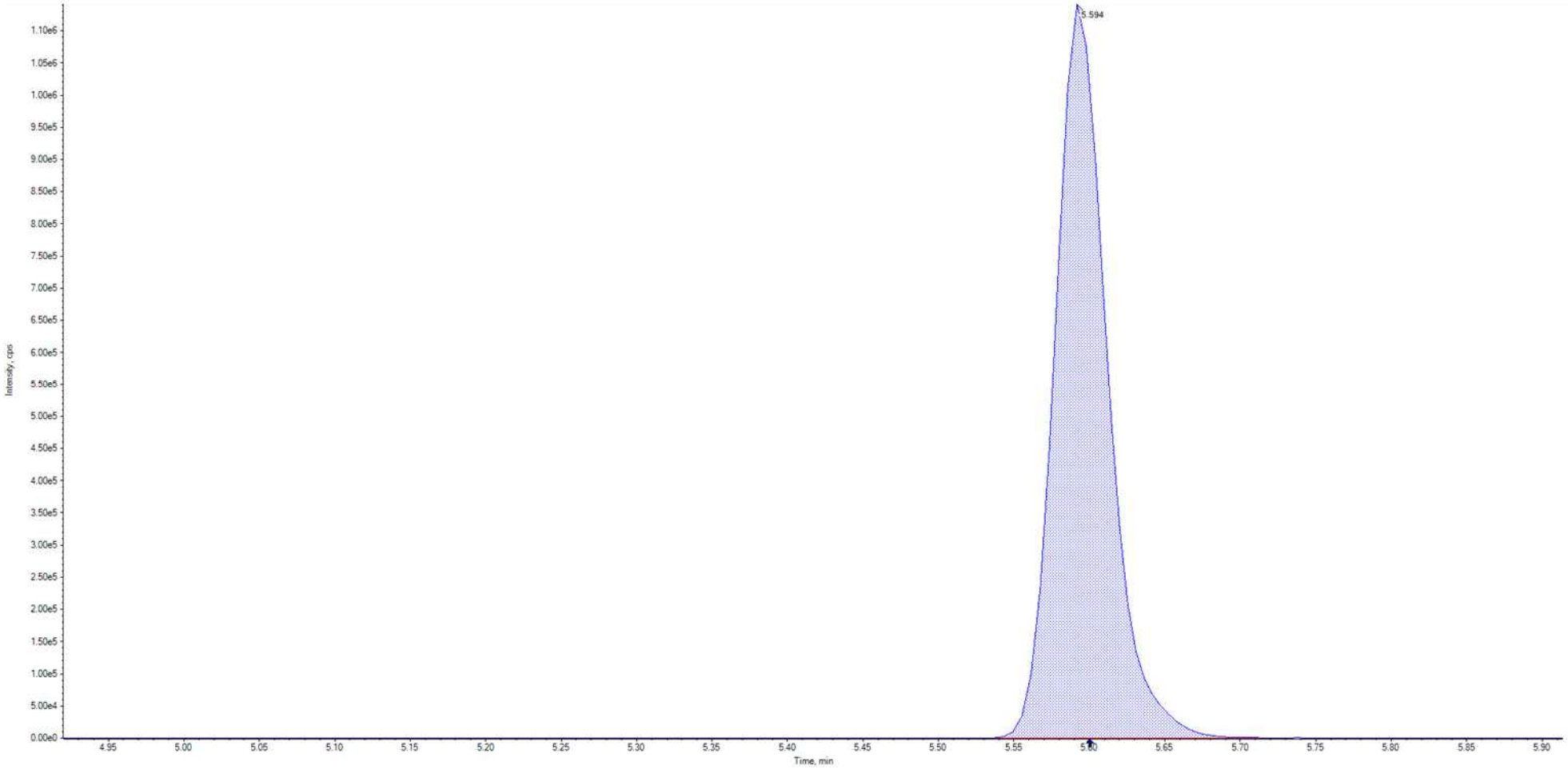
d7-NMeFOSE
Sample: CA1633STD-10



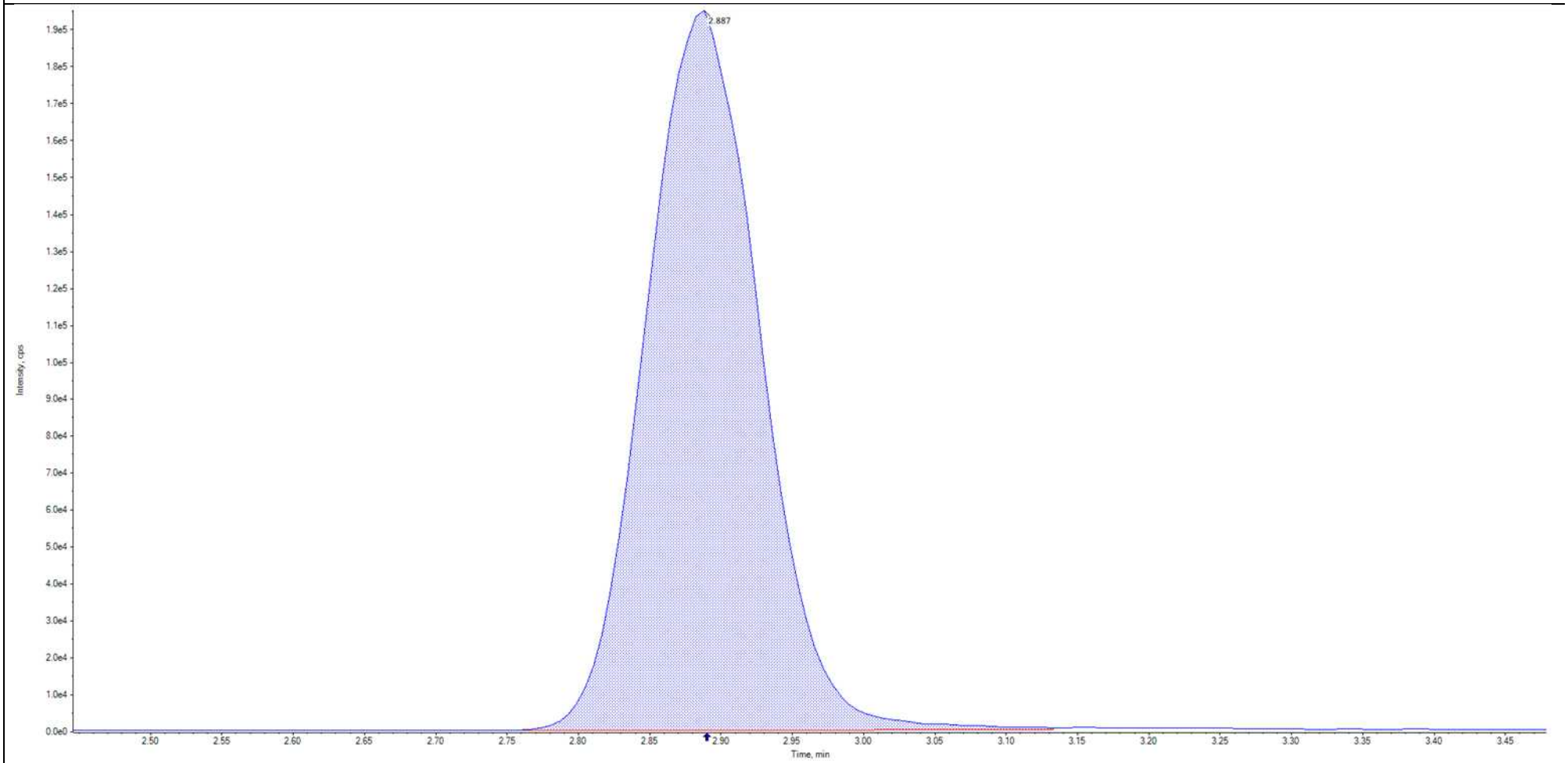
d9-NEtFOSE
Sample: CA1633STD-10



13C3-HFPO-DA
Sample: CA1633STD-10

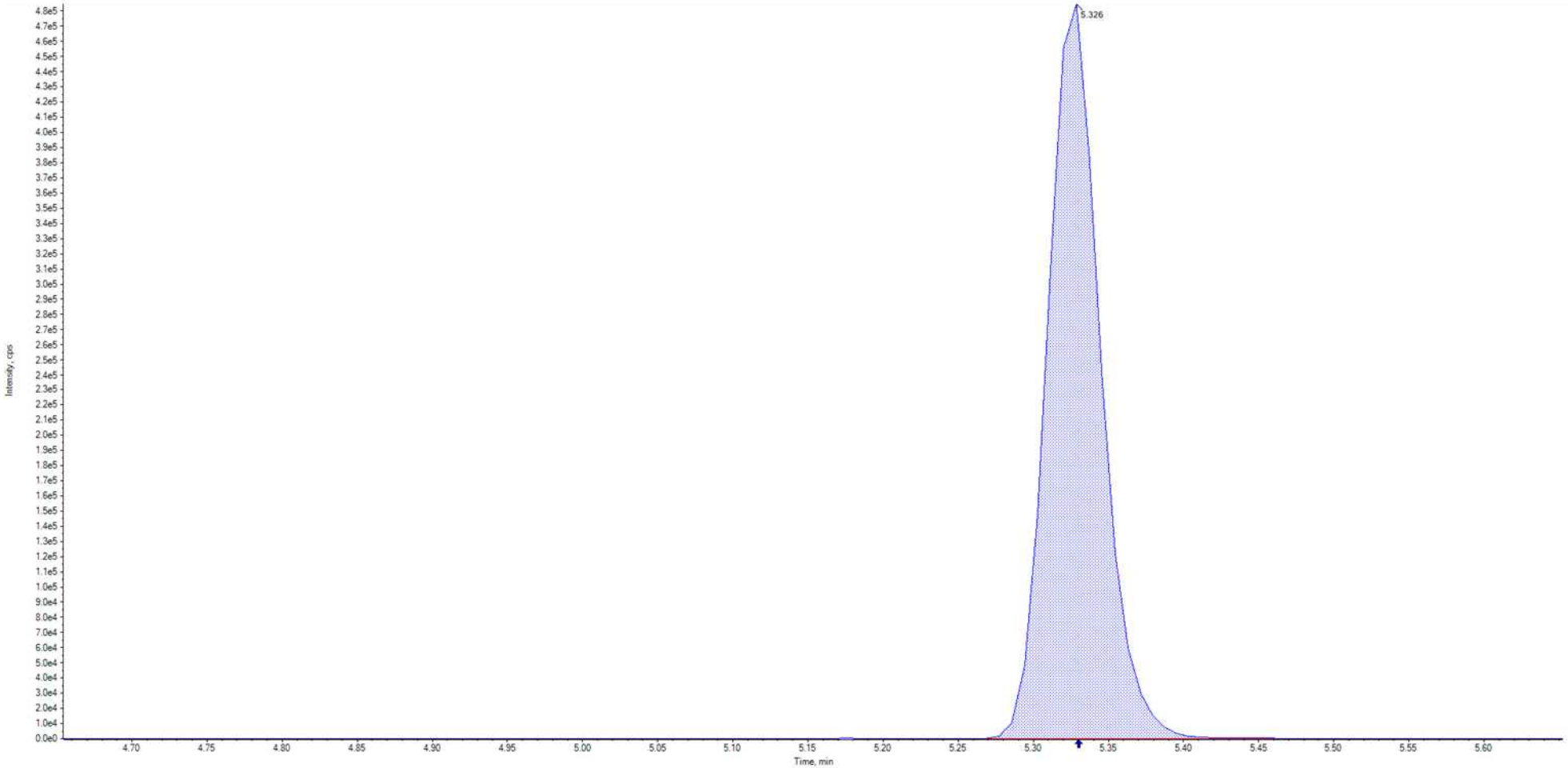


13C3-PFBA
Sample: CA1633STD-10

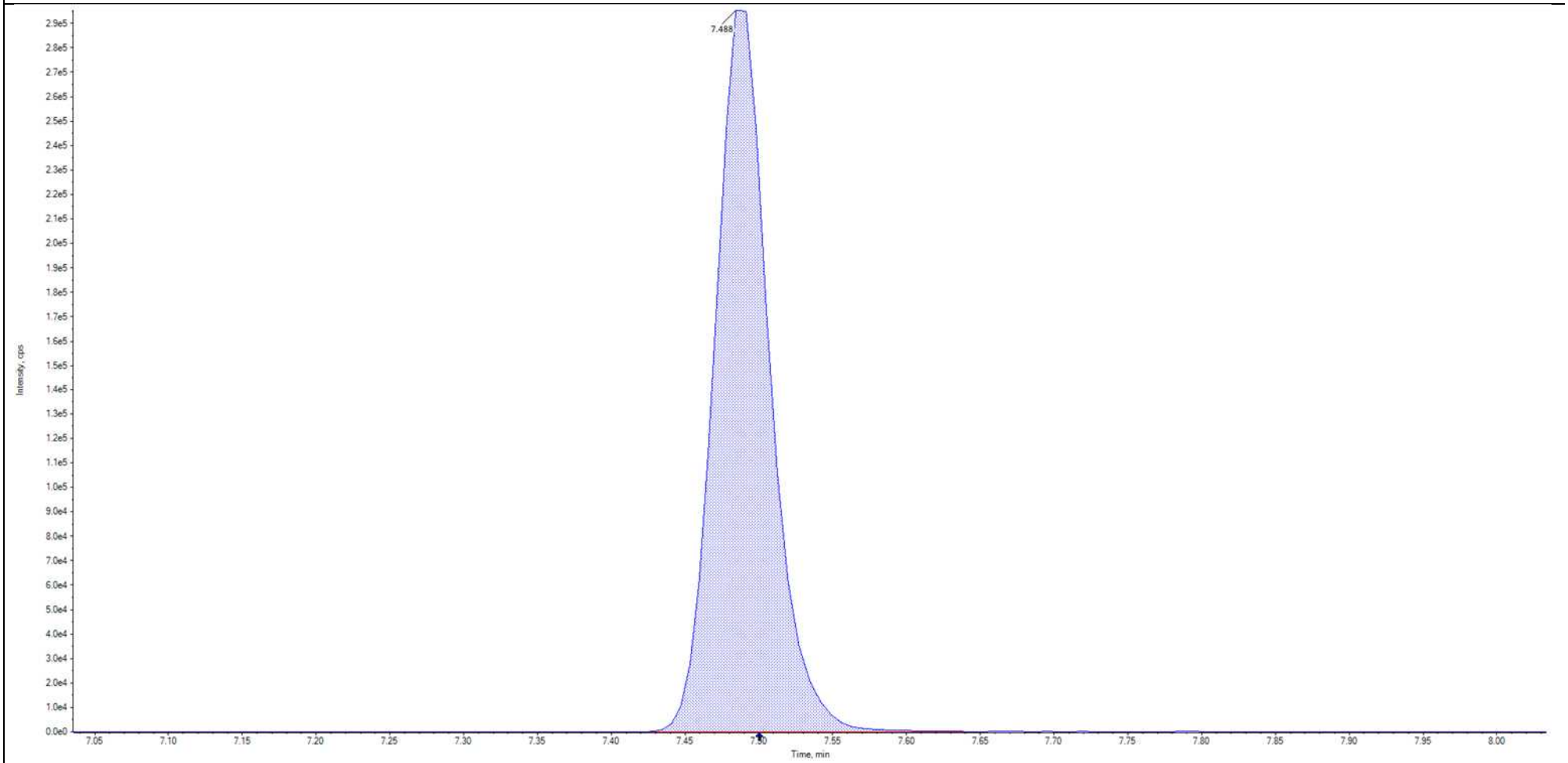


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

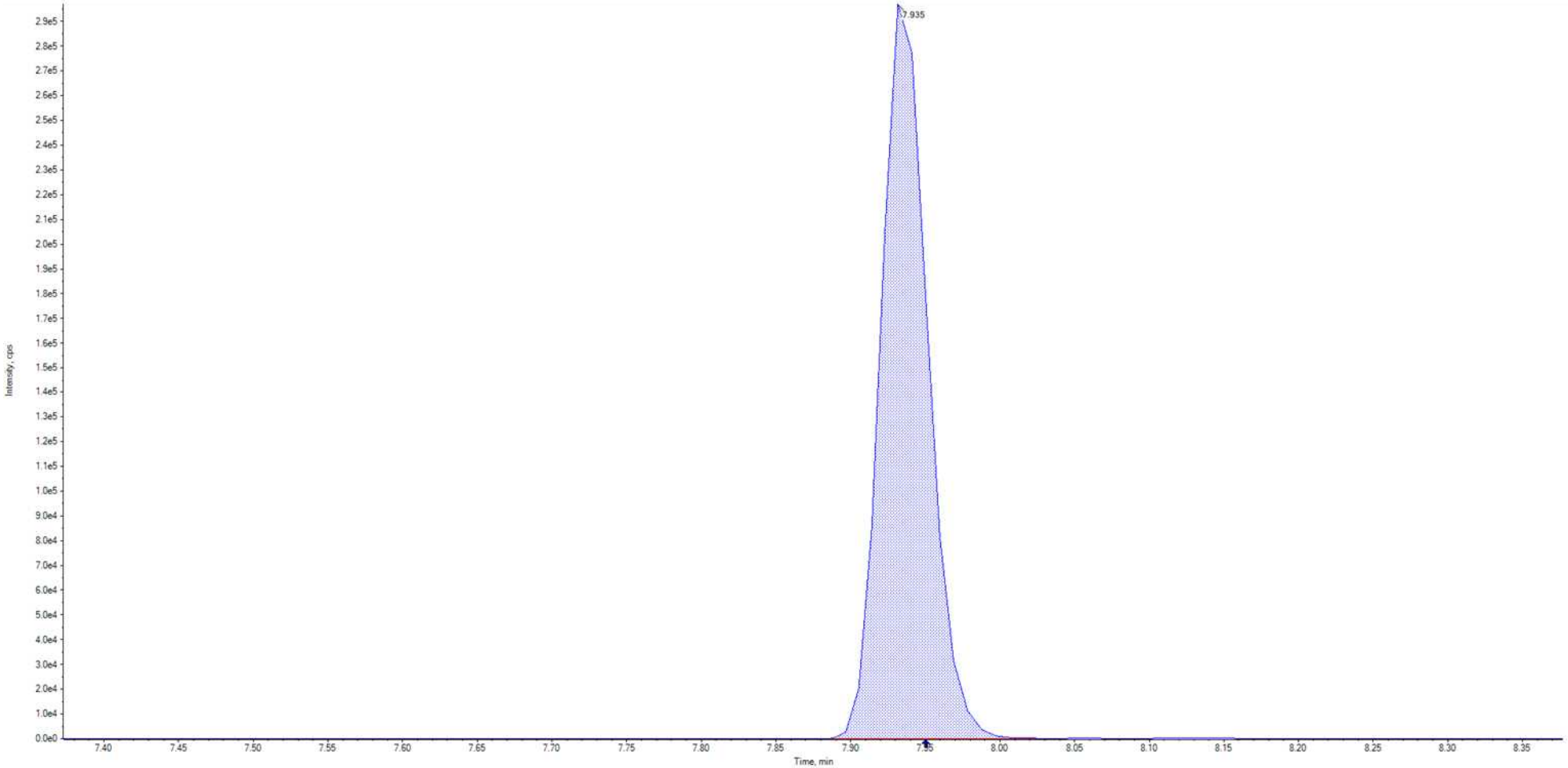
13C2-PFHxA
Sample: CA1633STD-10



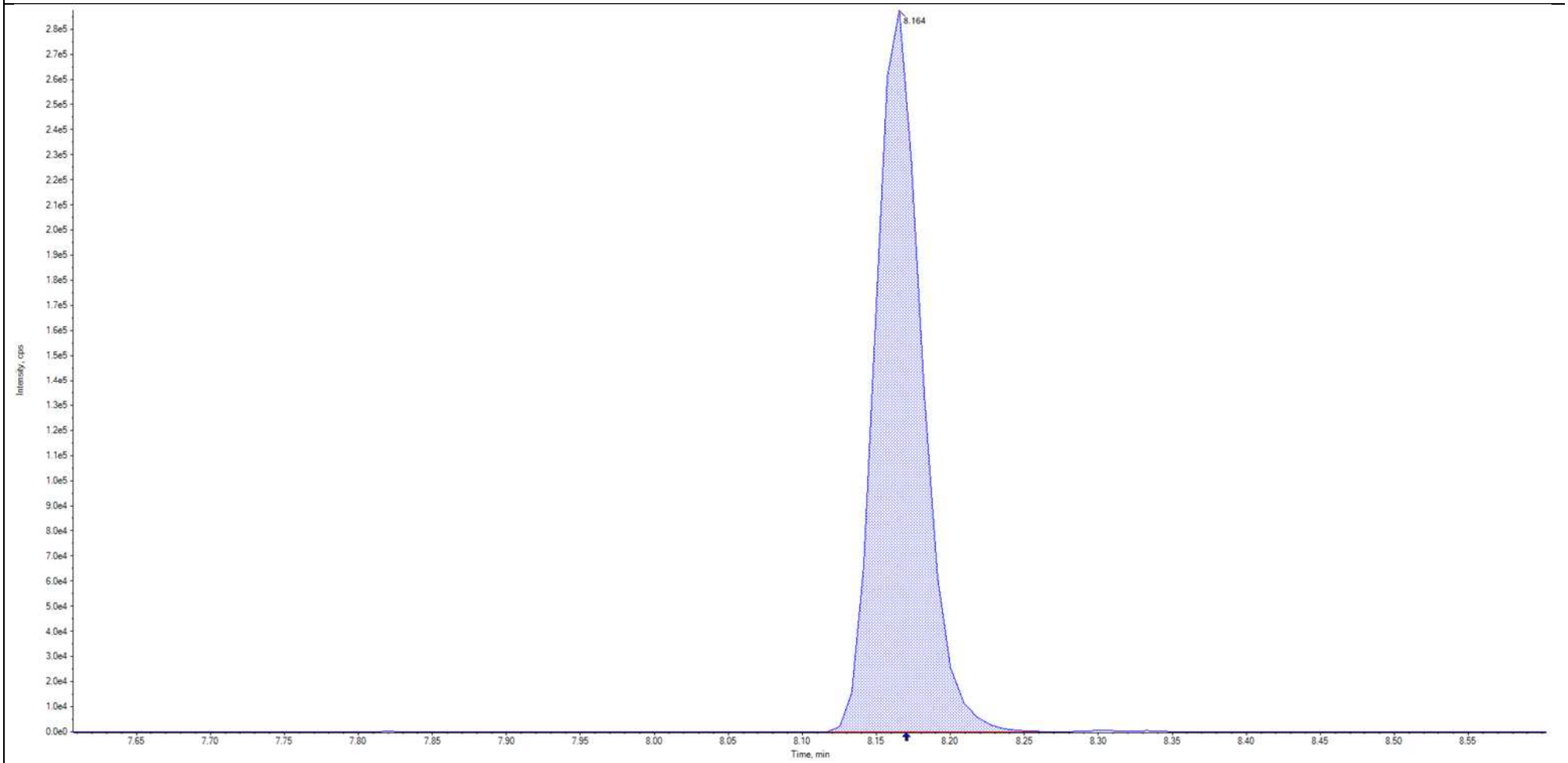
13C4-PFOA
Sample: CA1633STD-10



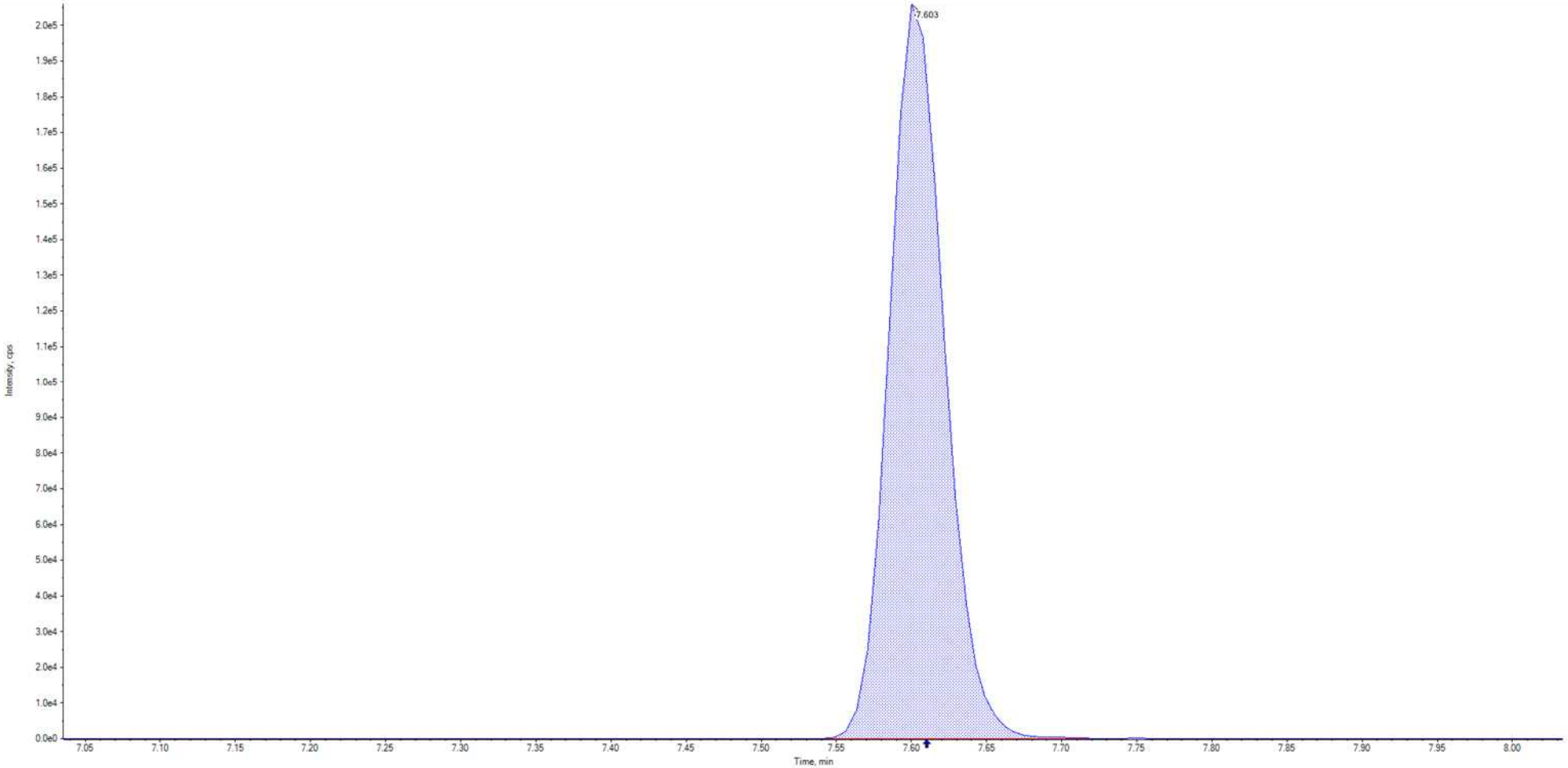
13C5-PFNA
Sample: CA1633STD-10



13C2-PFDA
Sample: CA1633STD-10

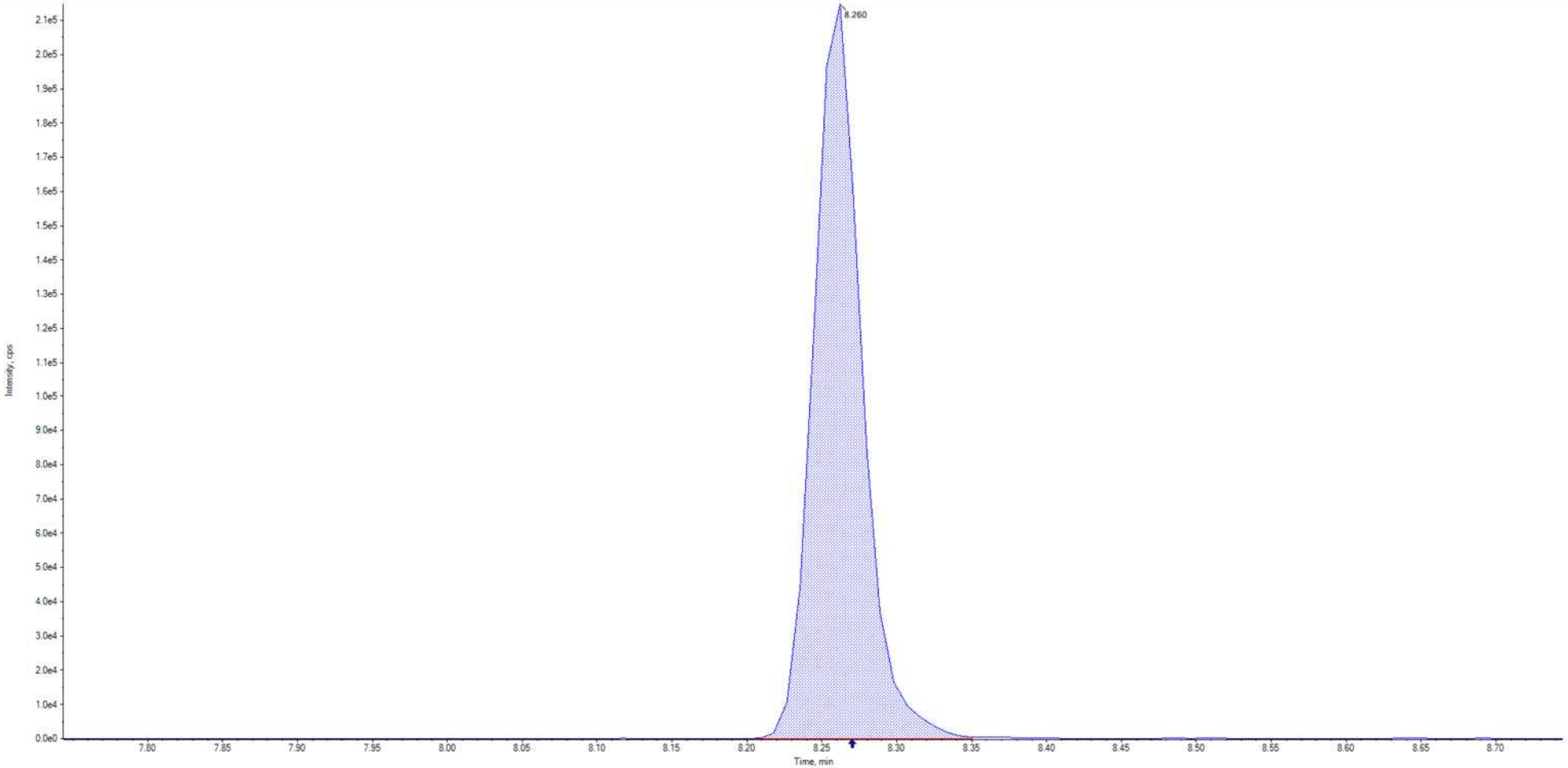


18O2-PFHxS
Sample: CA1633STD-10



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C4-PFOS
Sample: CA1633STD-10



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_82.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: WG1958909-5,BSICS
Name: SCI05_240813_83.wiff
Date & Time: 2024-08-14T00:23:18
Description: WG1958909
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
30	PFOS	1763-23-1	8.27	499.1 / 80.1	3701312	M5	13.614	0.207	0.238	Pass	N/A
31	PFOS_2	1763-23-1	8.27	499.1 / 99.1	766071	M7	11.501	0.207	0.238	Pass	N/A
76	TDCA	516-50-7	6.81	499.1 / 124.1	6428		100.000	40.716	40.716	Pass	N/A
77	TDCA_2	516-50-7	6.81	499.1 / 79.9	261739		100.000	40.716	40.716	Pass	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2473265		9.854	NA	NA	NA	98.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1561160		5.006	NA	NA	NA	100.1
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	958278		2.340	NA	NA	NA	93.6
	13C4-PFHpA	EIS	6.25	367.0 / 322.0	994170		2.424	NA	NA	NA	97.0
	13C8-PFOA	EIS	7.50	421.0 / 376.0	1468648		2.632	NA	NA	NA	105.3
	13C9-PFNA	EIS	7.94	472.0 / 427.0	649183		1.205	NA	NA	NA	96.4
	13C6-PFDA	EIS	8.17	519.0 / 474.0	677177		1.288	NA	NA	NA	103.1
	13C7-PFUnA	EIS	8.47	570.0 / 525.0	563590		1.325	NA	NA	NA	106.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.90	615.1 / 570.0	340864		1.232	NA	NA	NA	98.6
	13C2-PFTeDA	EIS	9.90	715.1 / 670.1	371241		1.236	NA	NA	NA	98.9
	13C3-PFBS	EIS	5.31	302.1 / 80.1	709845		2.139	NA	NA	NA	91.8
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	634410		2.407	NA	NA	NA	101.6
	13C8-PFOS	EIS	8.27	507.1 / 80.1	661873		2.353	NA	NA	NA	98.3
	13C2-4:2FTS	EIS	5.13	329.1 / 81.1	289614		4.890	NA	NA	NA	104.3
	13C2-6:2FTS	EIS	7.09	429.2 / 81.1	197203		4.543	NA	NA	NA	95.6
	13C2-8:2FTS	EIS	8.07	529.2 / 81.1	299092		4.708	NA	NA	NA	98.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	929502		2.486	NA	NA	NA	99.4
	d3-NMeFOSA	EIS	10.16	515.2 / 219.0	159881		2.540	NA	NA	NA	101.6
	d5-NEtFOSA	EIS	10.37	531.2 / 219.0	152252		2.476	NA	NA	NA	99.1
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	347283		2.441	NA	NA	NA	48.8
	d5-NEtFOSAA	EIS	8.36	589.3 / 419.1	375431		5.021	NA	NA	NA	100.4
	d7-NMeFOSE	EIS	10.07	623.2 / 58.9	1123032		23.105	NA	NA	NA	92.4
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1777891		24.809	NA	NA	NA	99.2

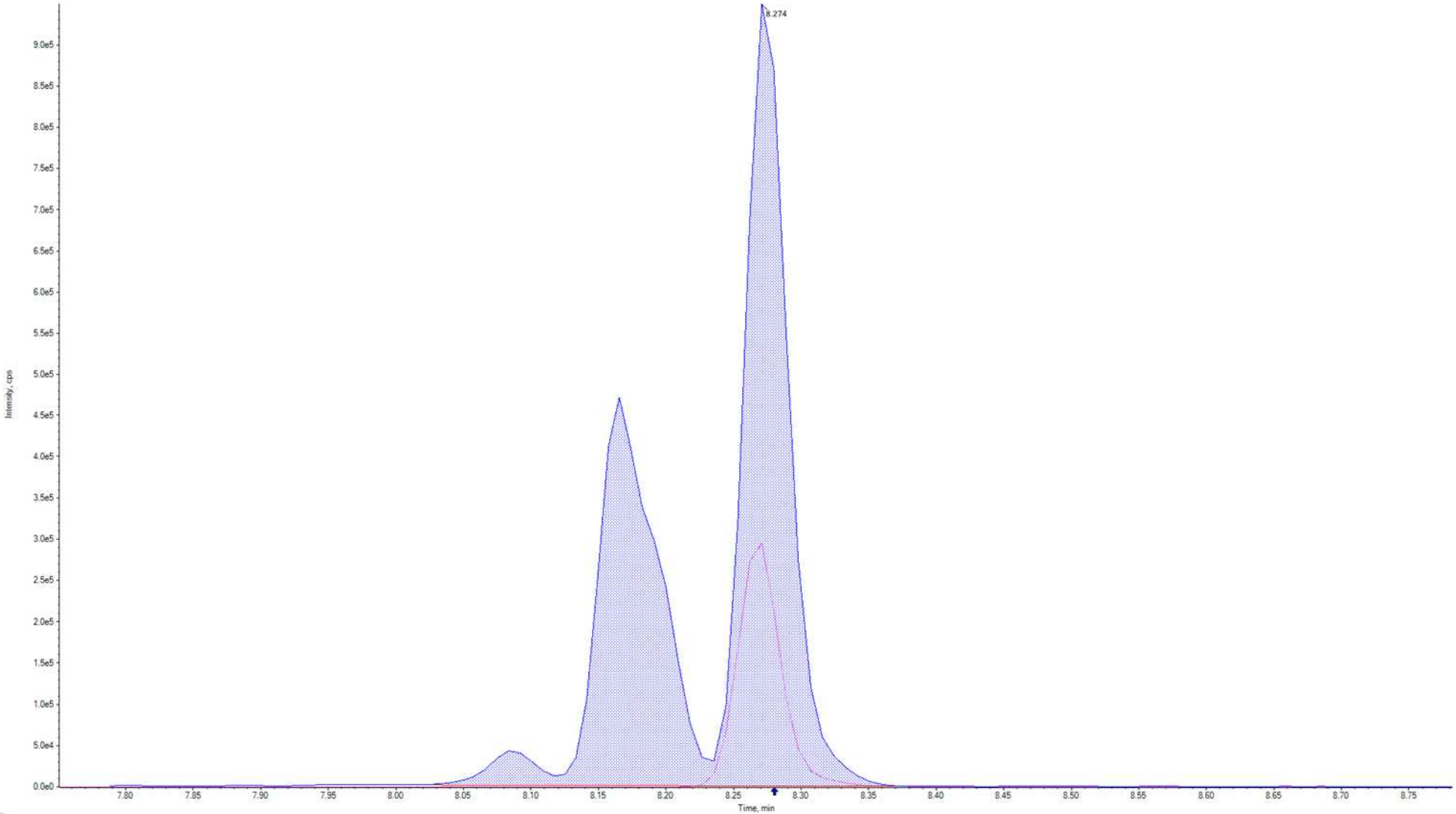
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.60	287.0 / 169.0	2730343		10.058	NA	NA	NA	100.6
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1097957		5.135	NA	NA	NA	102.7
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1216174		2.484	NA	NA	NA	99.4
	13C4-PFOA	NIS	7.50	417.0 / 372.0	730115		2.332	NA	NA	NA	93.3
	13C5-PFNA	NIS	7.94	468.0 / 423.0	656416		1.198	NA	NA	NA	95.9
	13C2-PFDA	NIS	8.17	515.1 / 470.1	617433		1.205	NA	NA	NA	96.4
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	535768		2.287	NA	NA	NA	96.5
	13C4-PFOS	NIS	8.27	503.1 / 80.1	497485		2.363	NA	NA	NA	98.7

Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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Last Altered: 8/14/2024 10:29:12 AM
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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

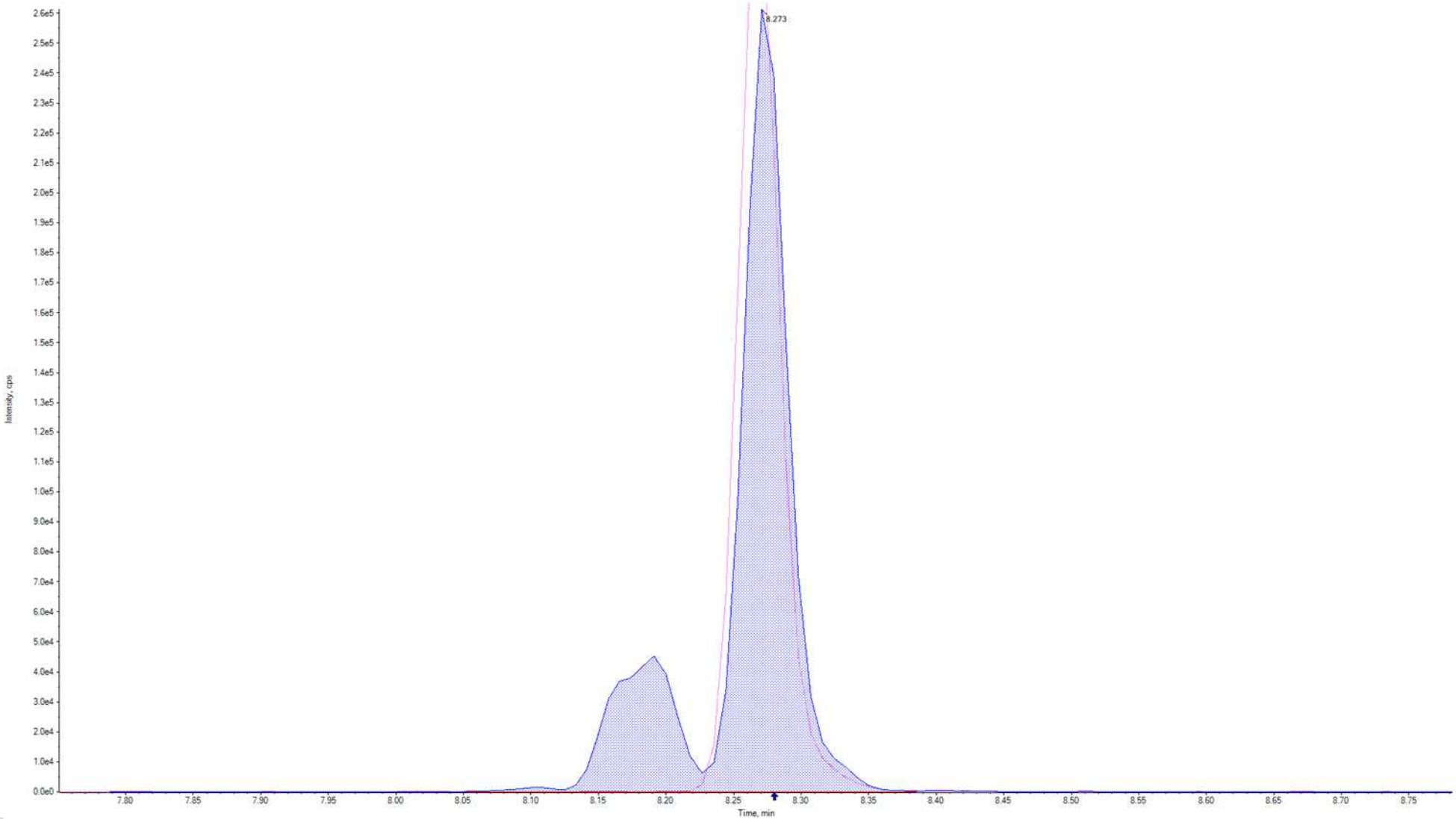
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Last Altered: 8/14/2024 10:29:12 AM
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PFOS
Sample: WG1958909-5,BSICS S/N:2243.0 Points Across peak:43



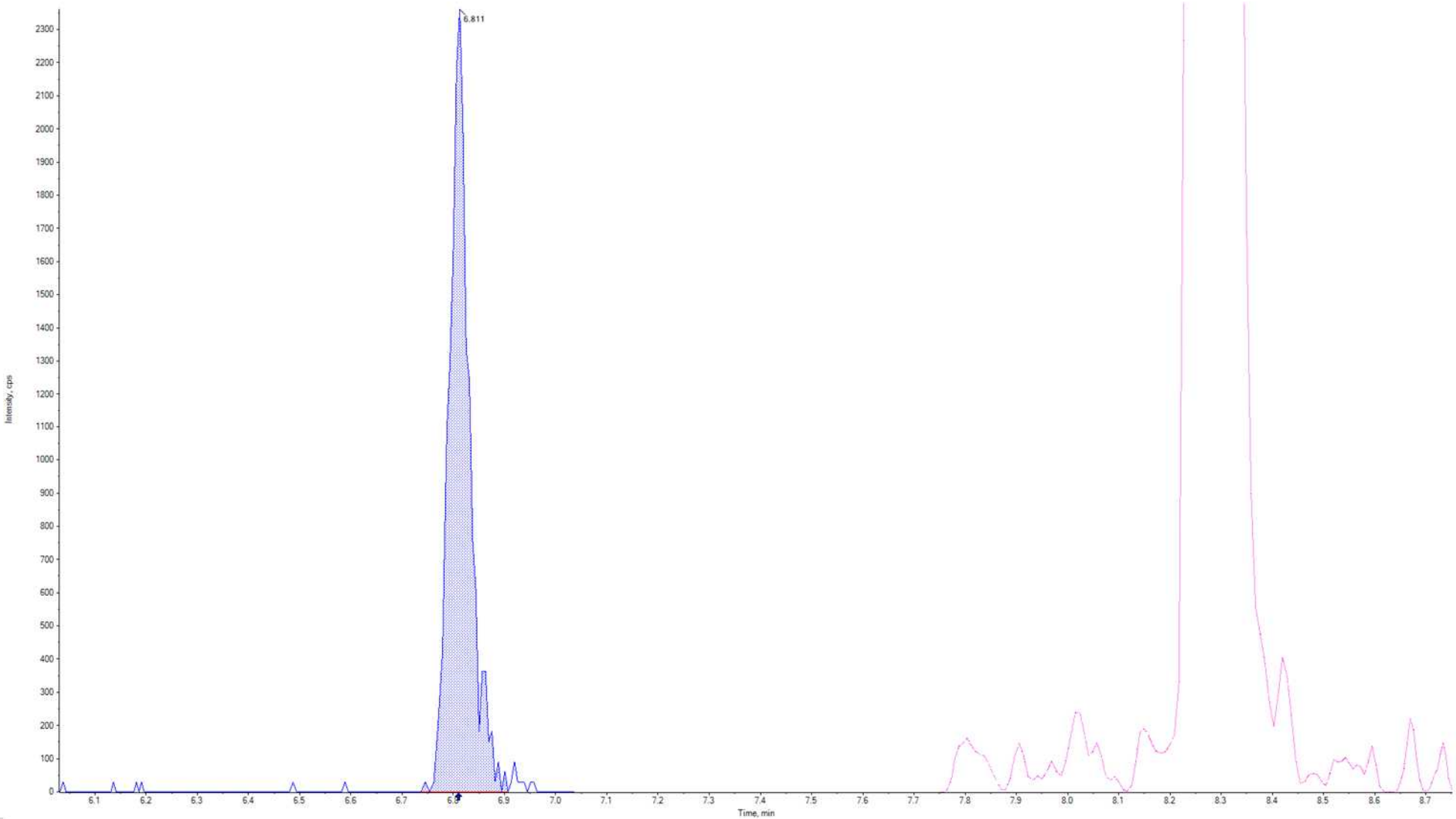
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PFOS_2
Sample: WG1958909-5,BSICS S/N:1531.6 Points Across peak:43



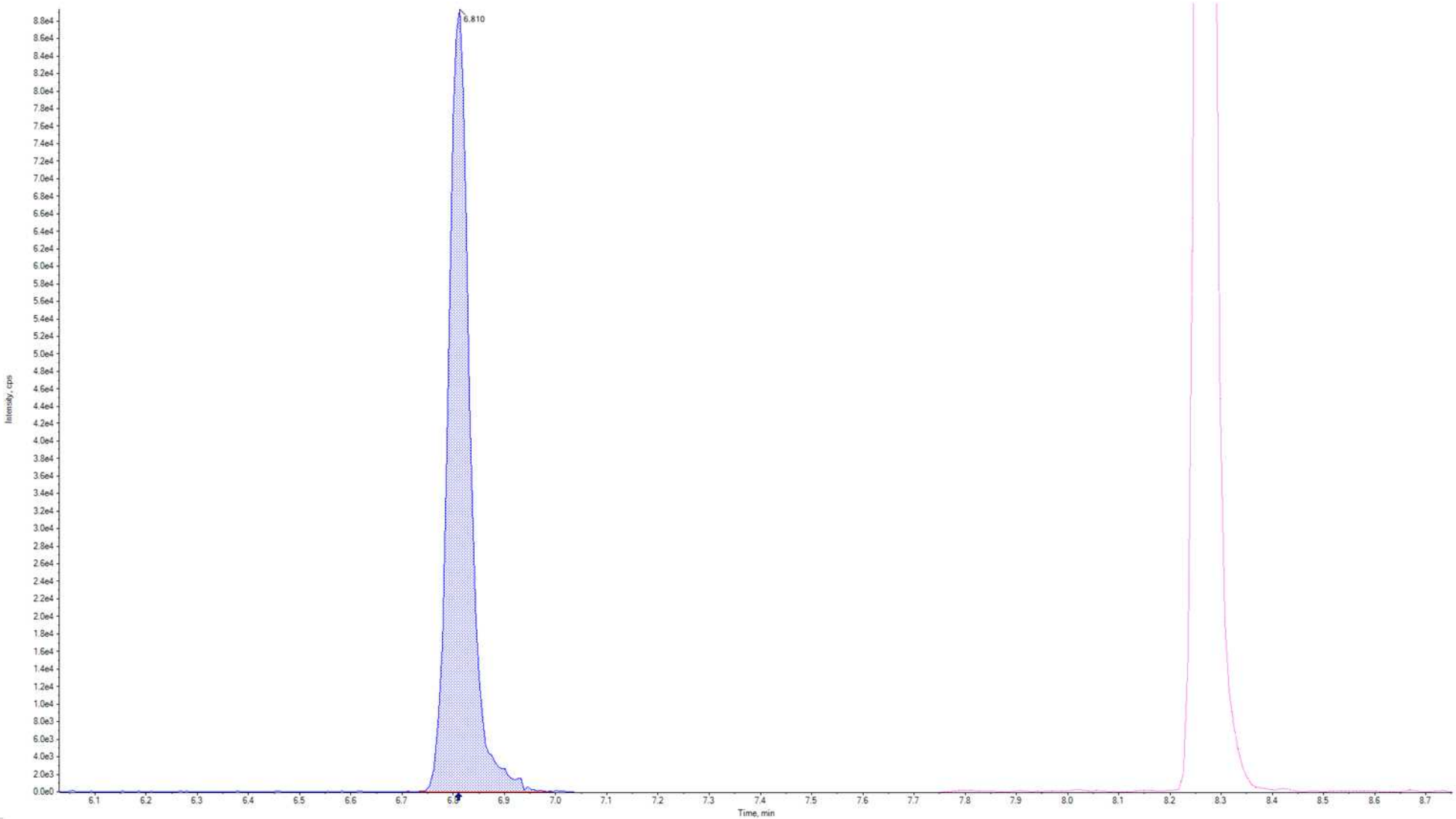
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TDCA
Sample: WG1958909-5,BSICS S/N:210.0 Points Across peak:26

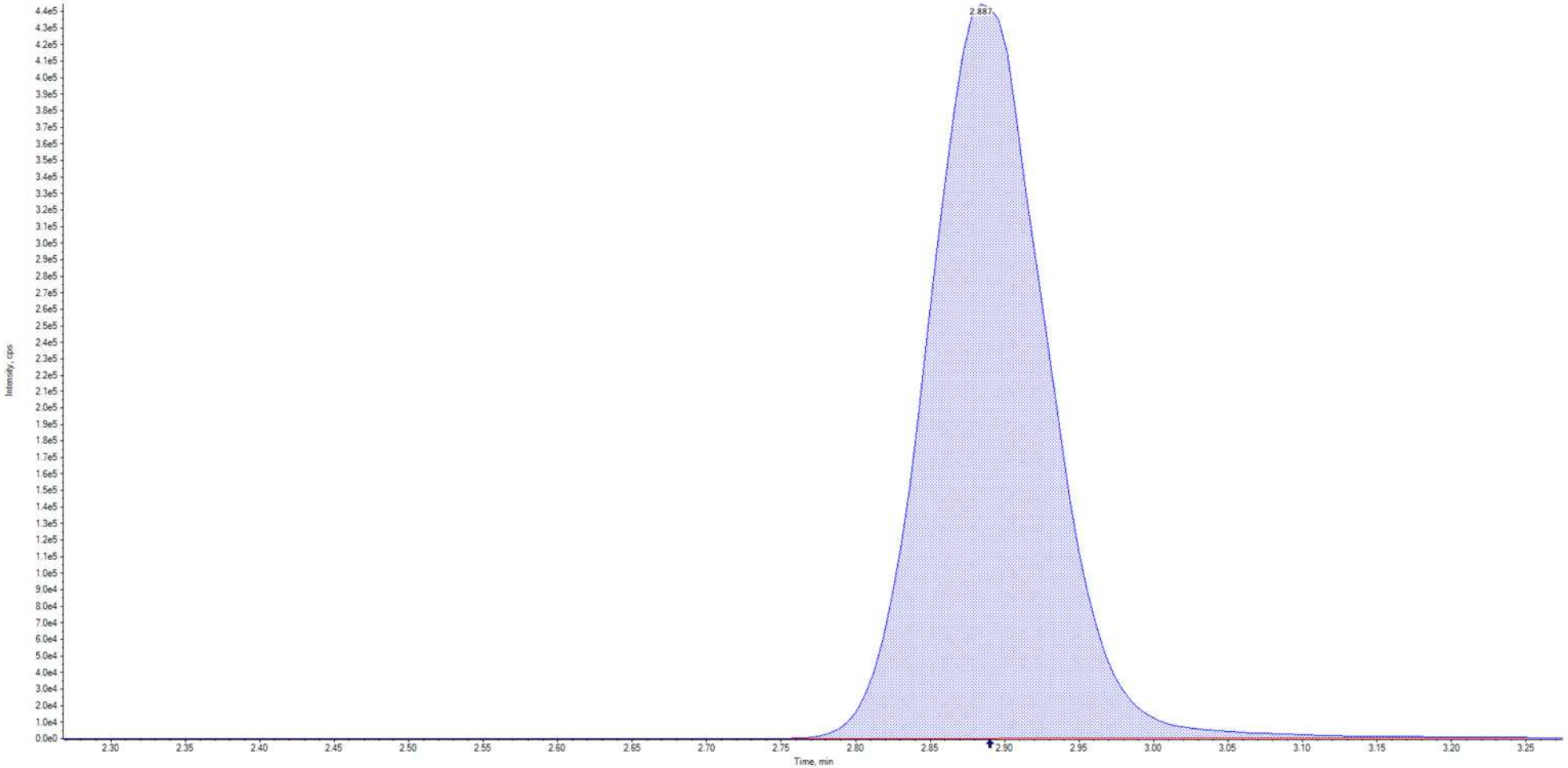


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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TDCA_2
Sample: WG1958909-5,BSICS S/N:1411.8 Points Across peak:44

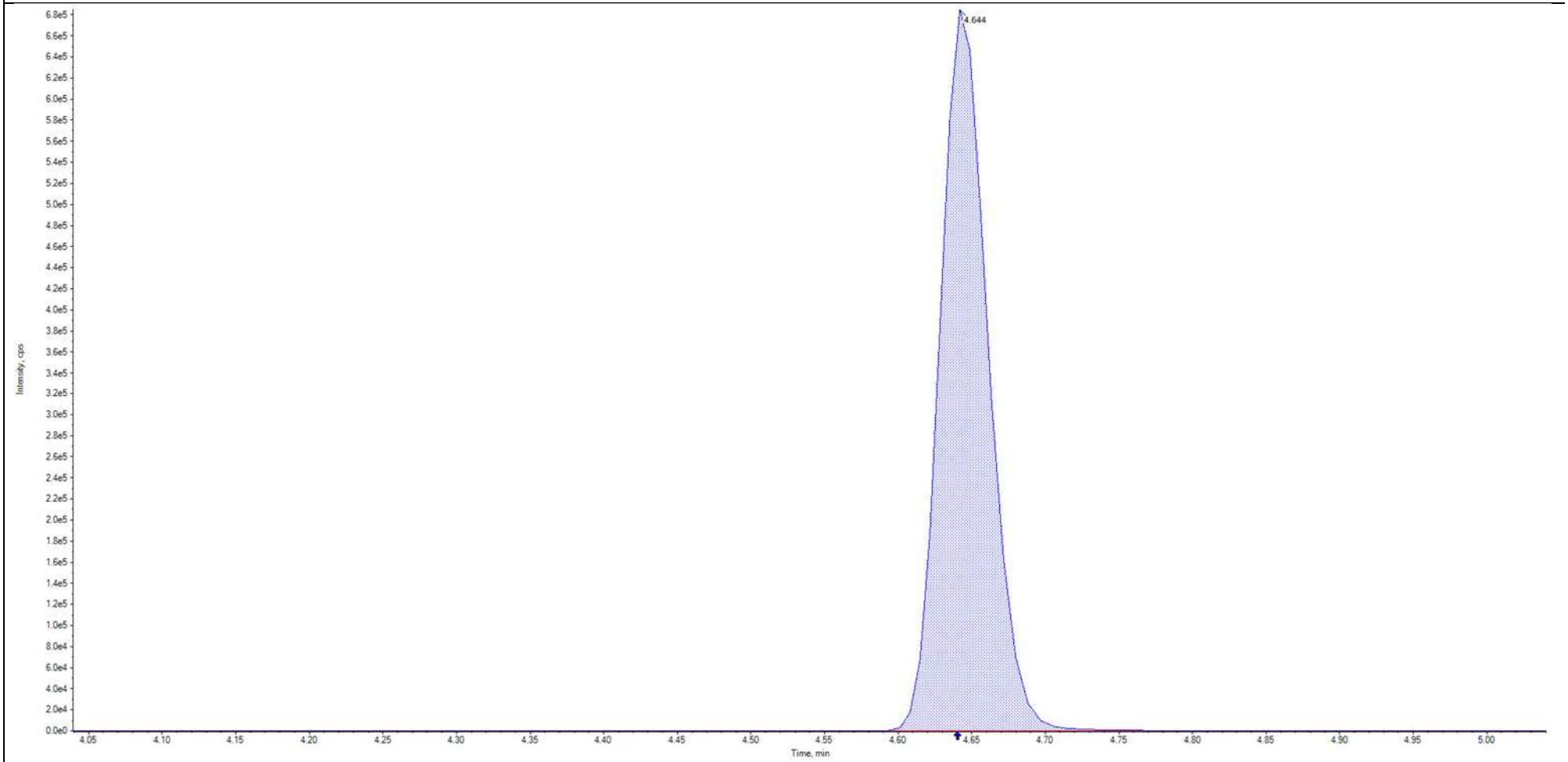


13C4-PFBA
Sample: WG1958909-5,BSICS

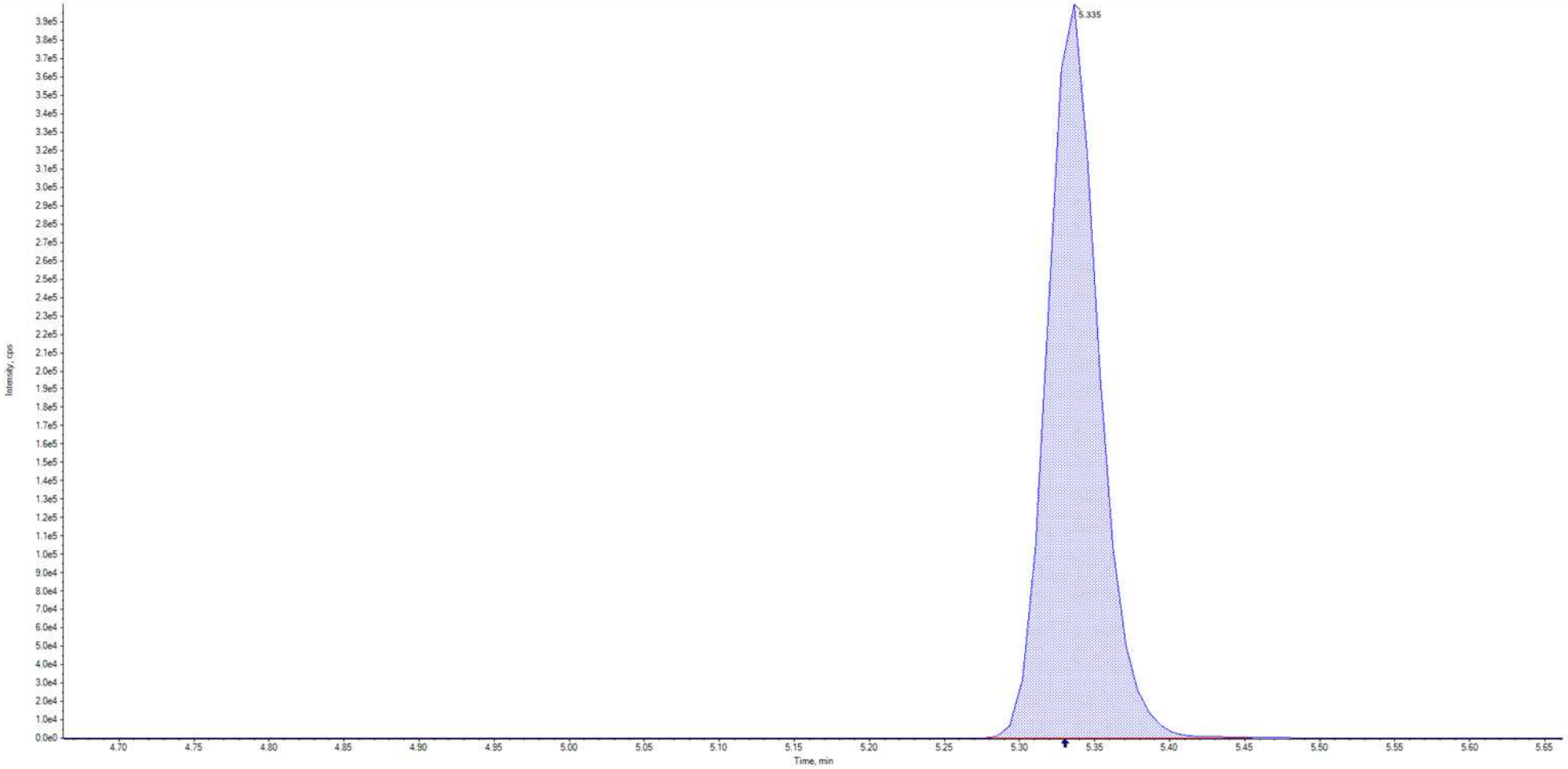


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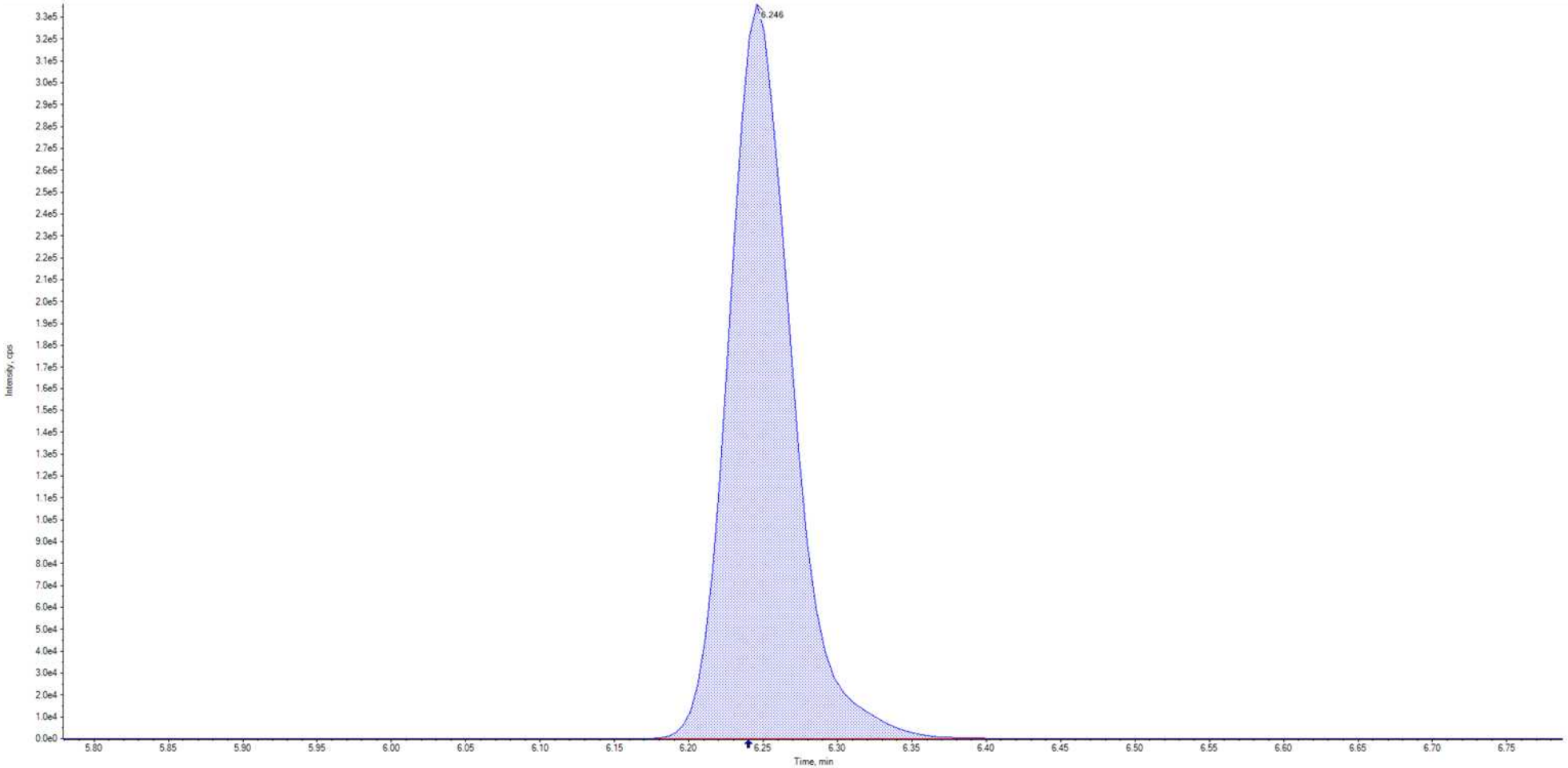
13C5-PFPeA
Sample: WG1958909-5,BSICS



13C5-PFHxA
Sample: WG1958909-5,BSICS

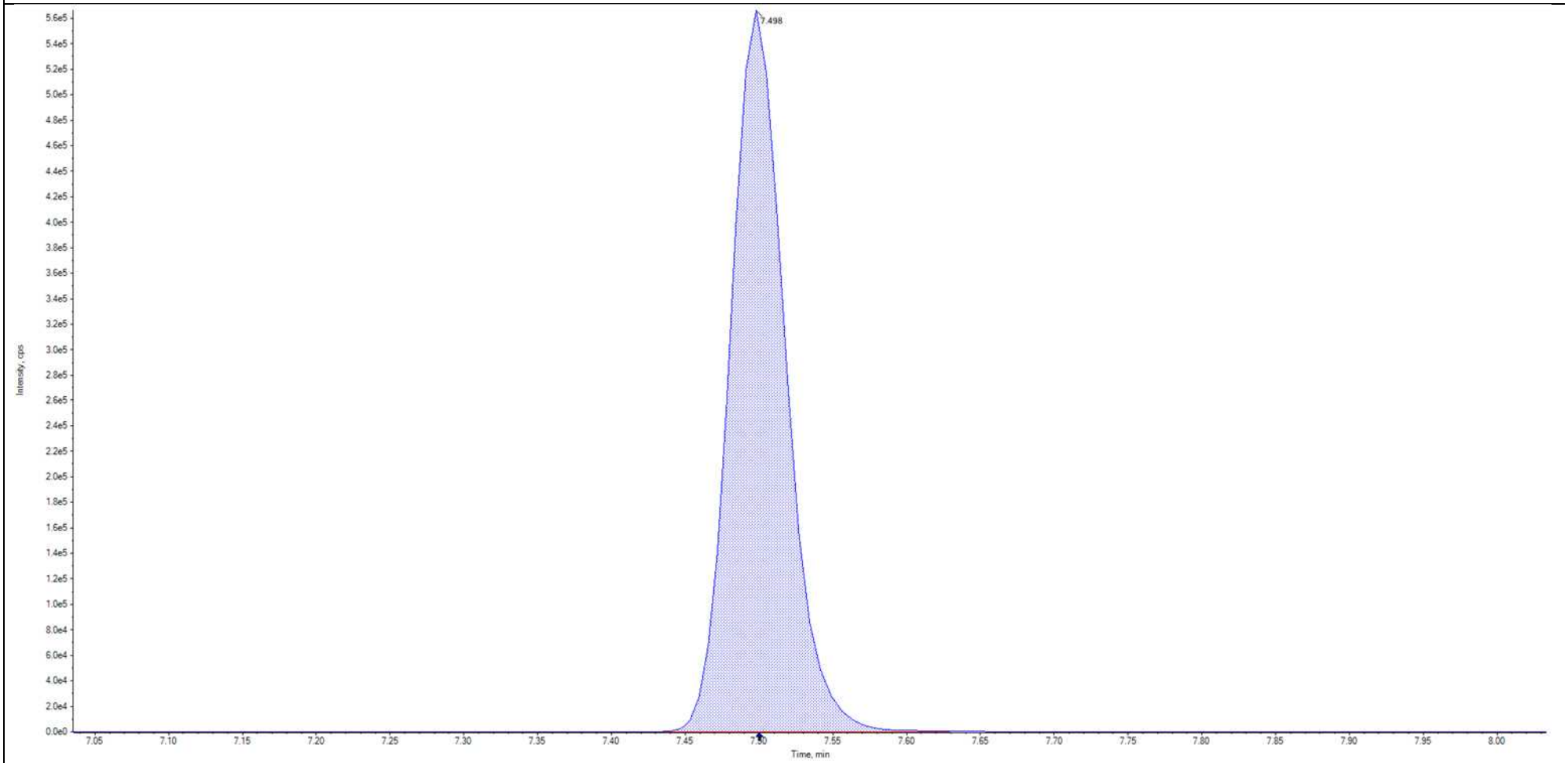


13C4-PFHpA
Sample: WG1958909-5,BSICS

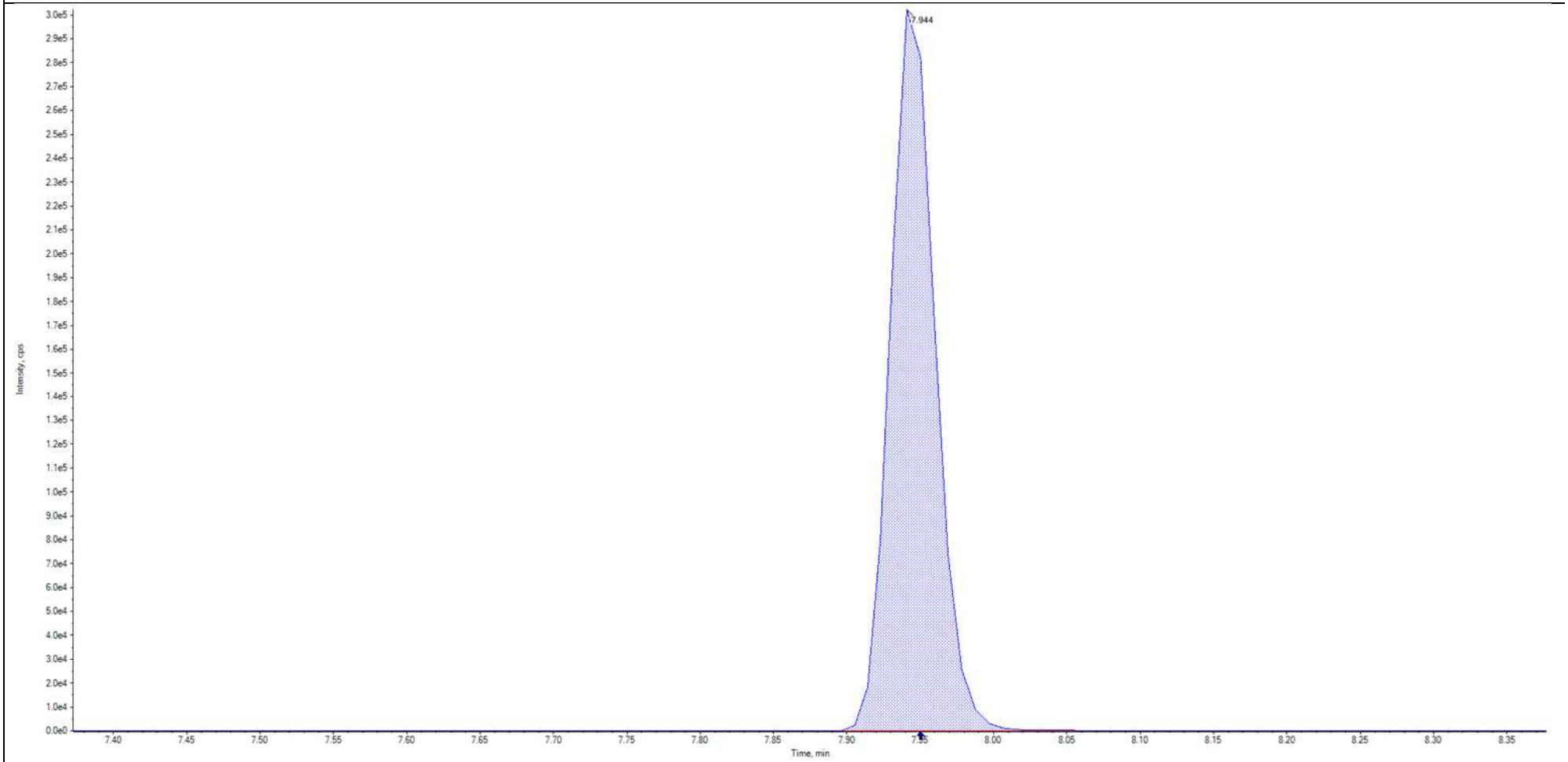


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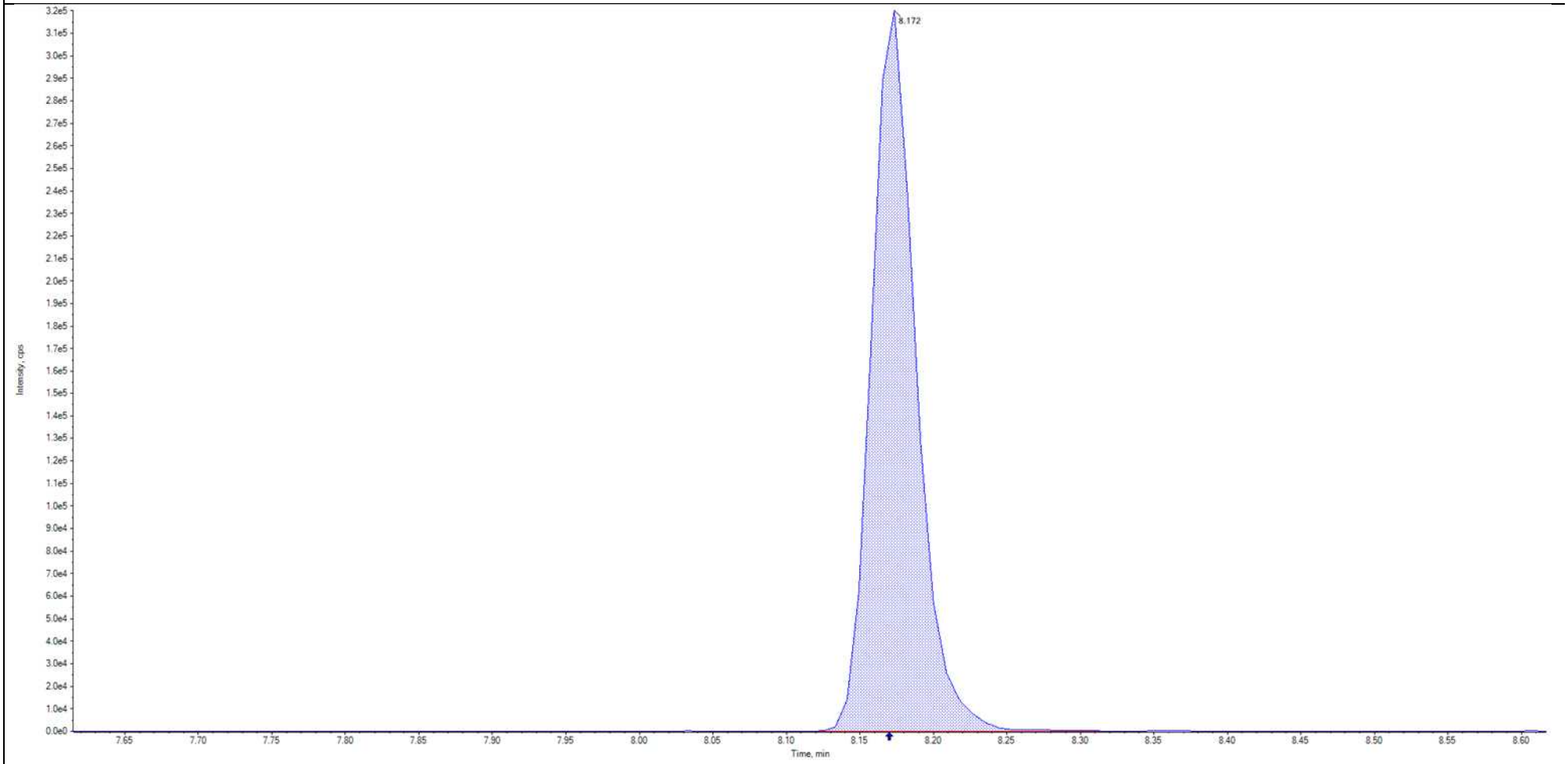
13C8-PFOA
Sample: WG1958909-5,BSICS



13C9-PFNA
Sample: WG1958909-5,BSICS

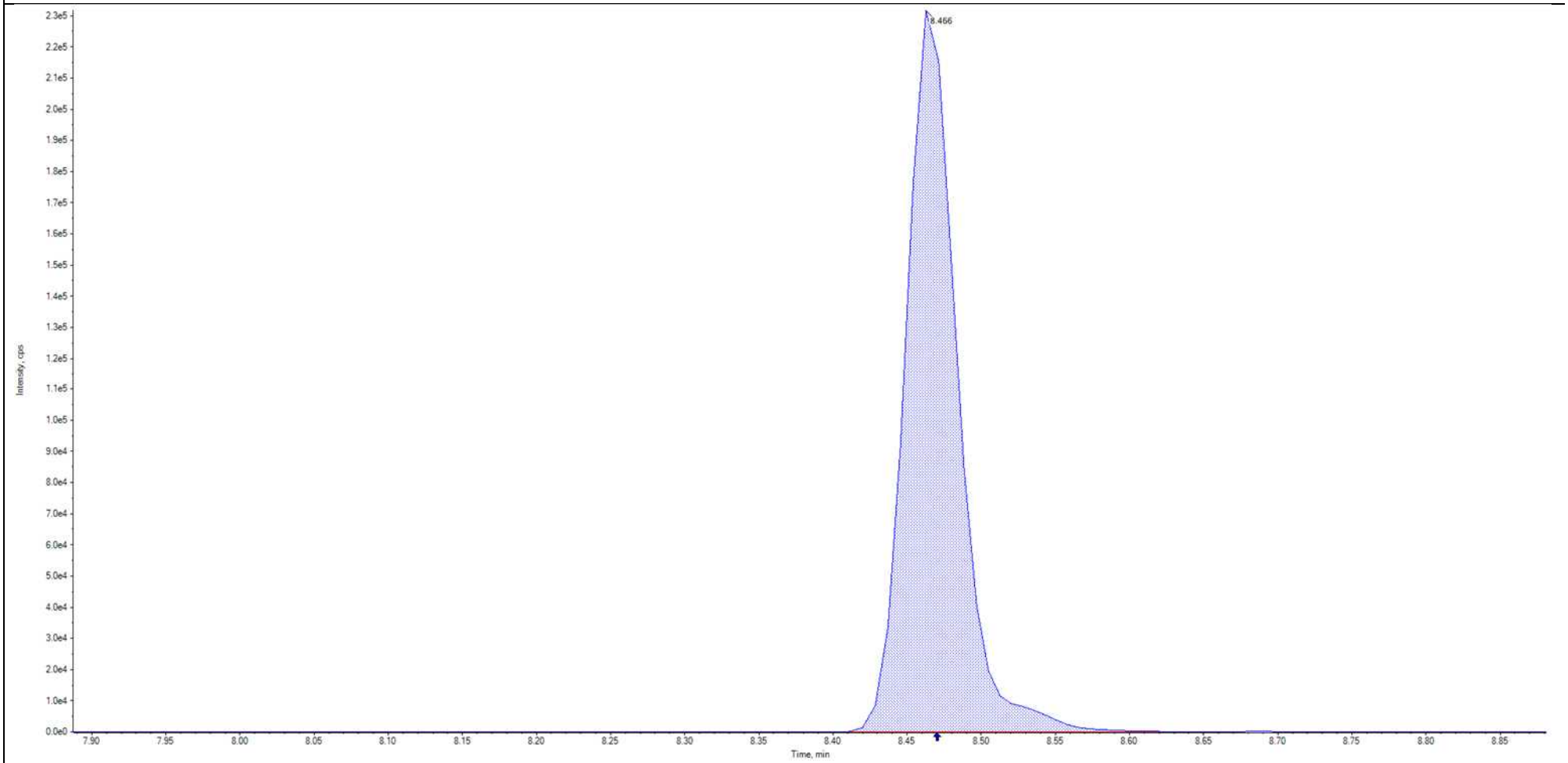


13C6-PFDA
Sample: WG1958909-5,BSICS

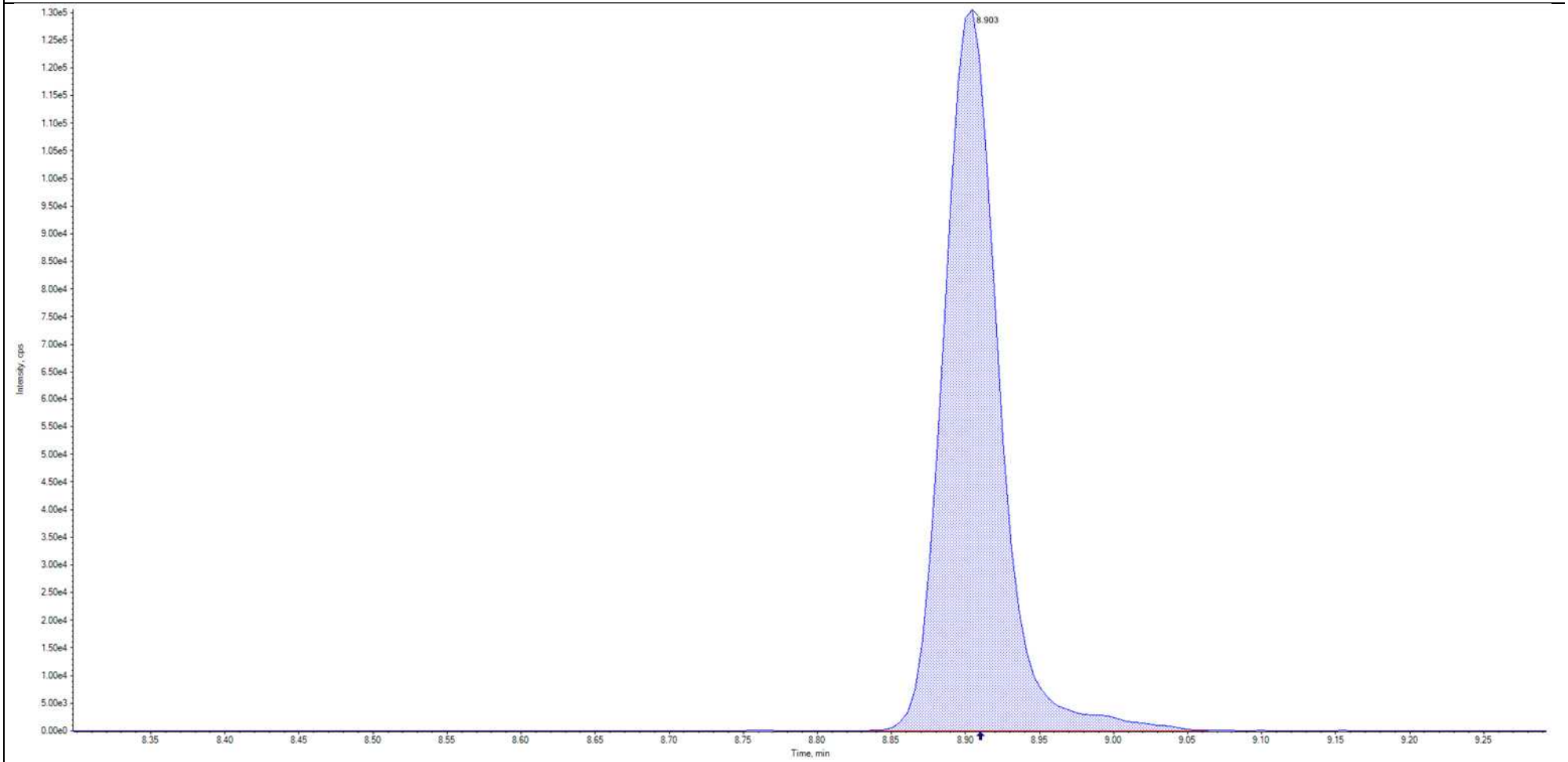


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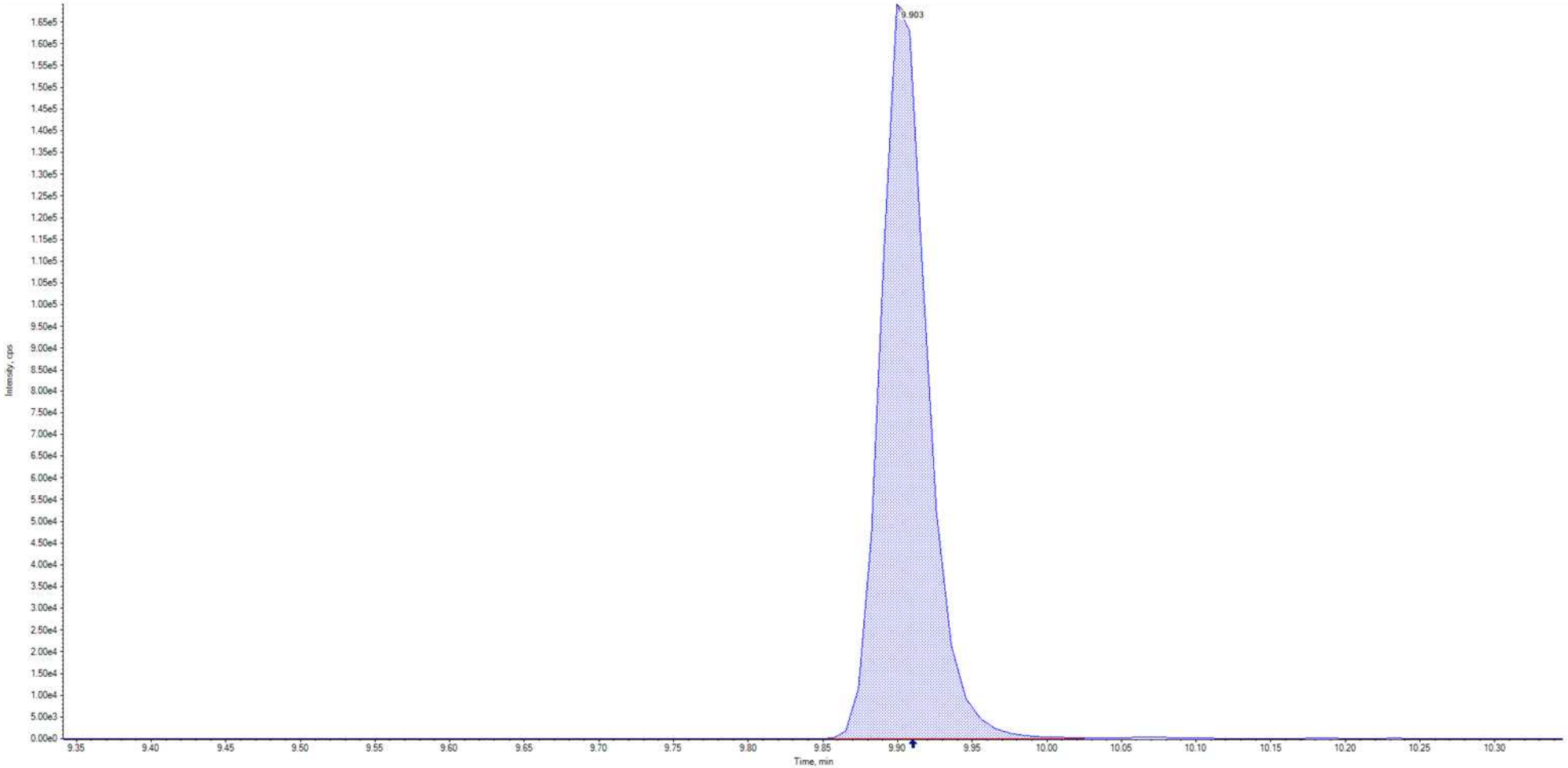
13C7-PFUnA
Sample: WG1958909-5,BSICS



13C2-PFDoA
Sample: WG1958909-5,BSICS

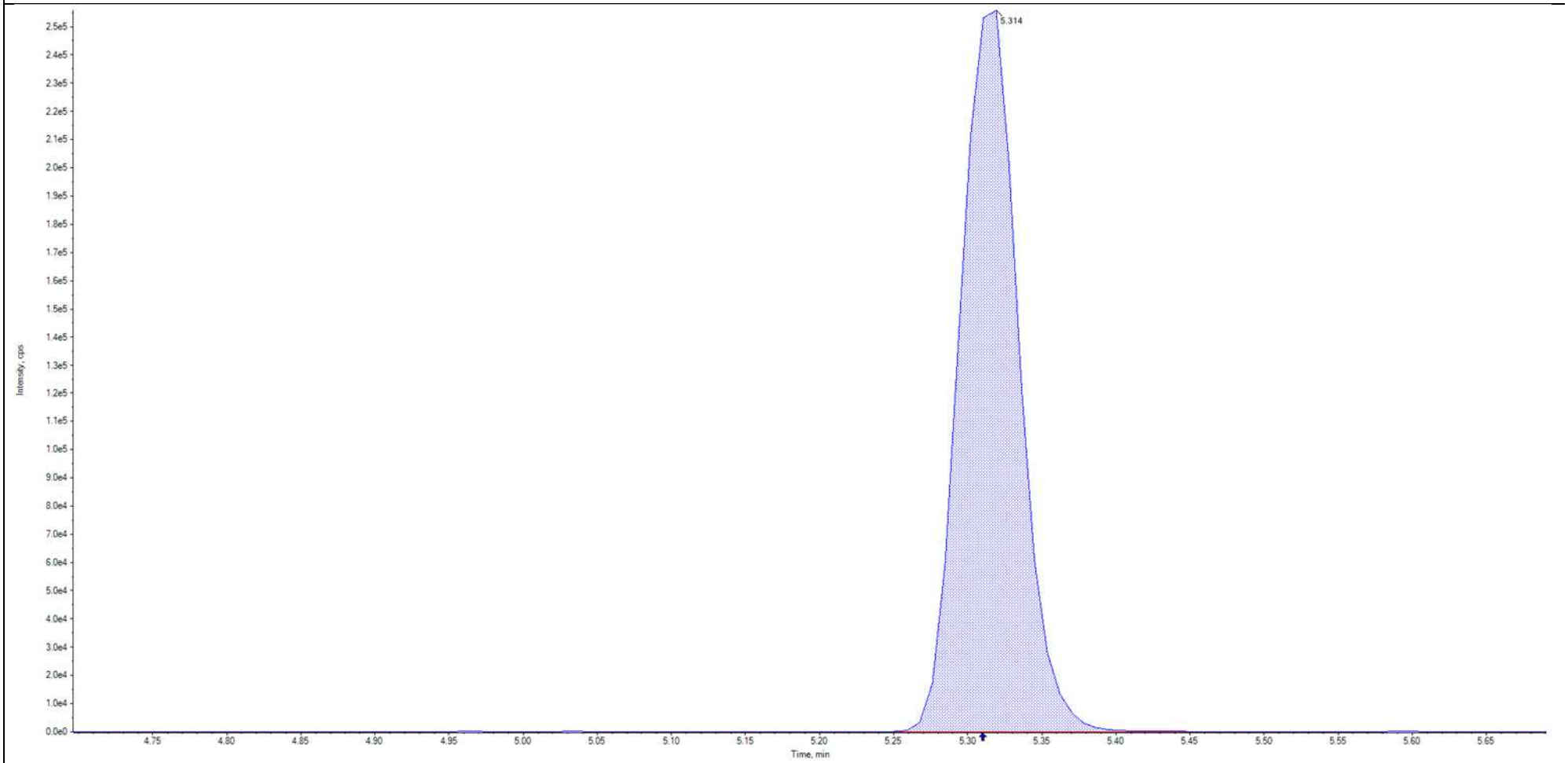


13C2-PFTeDA
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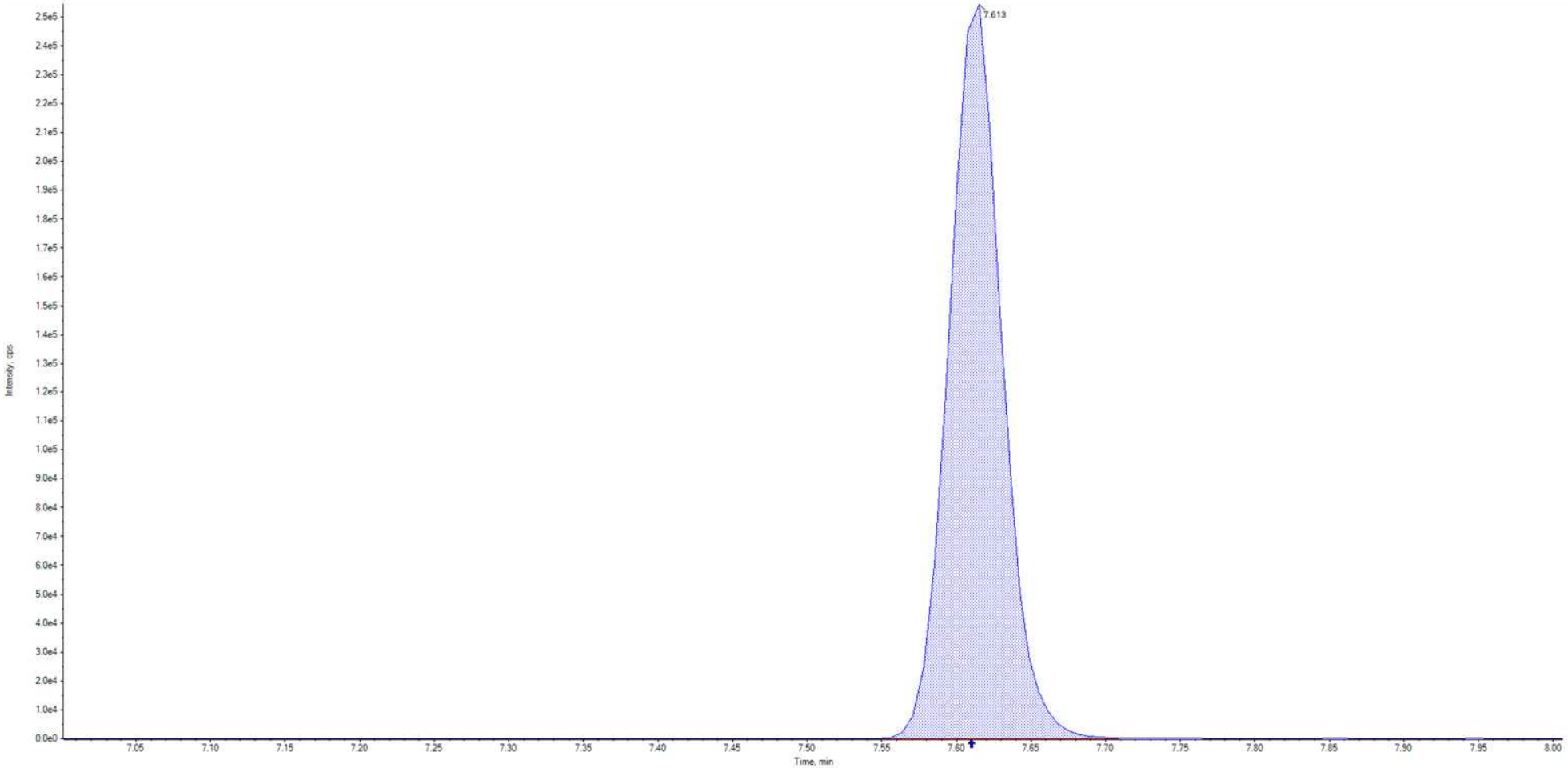


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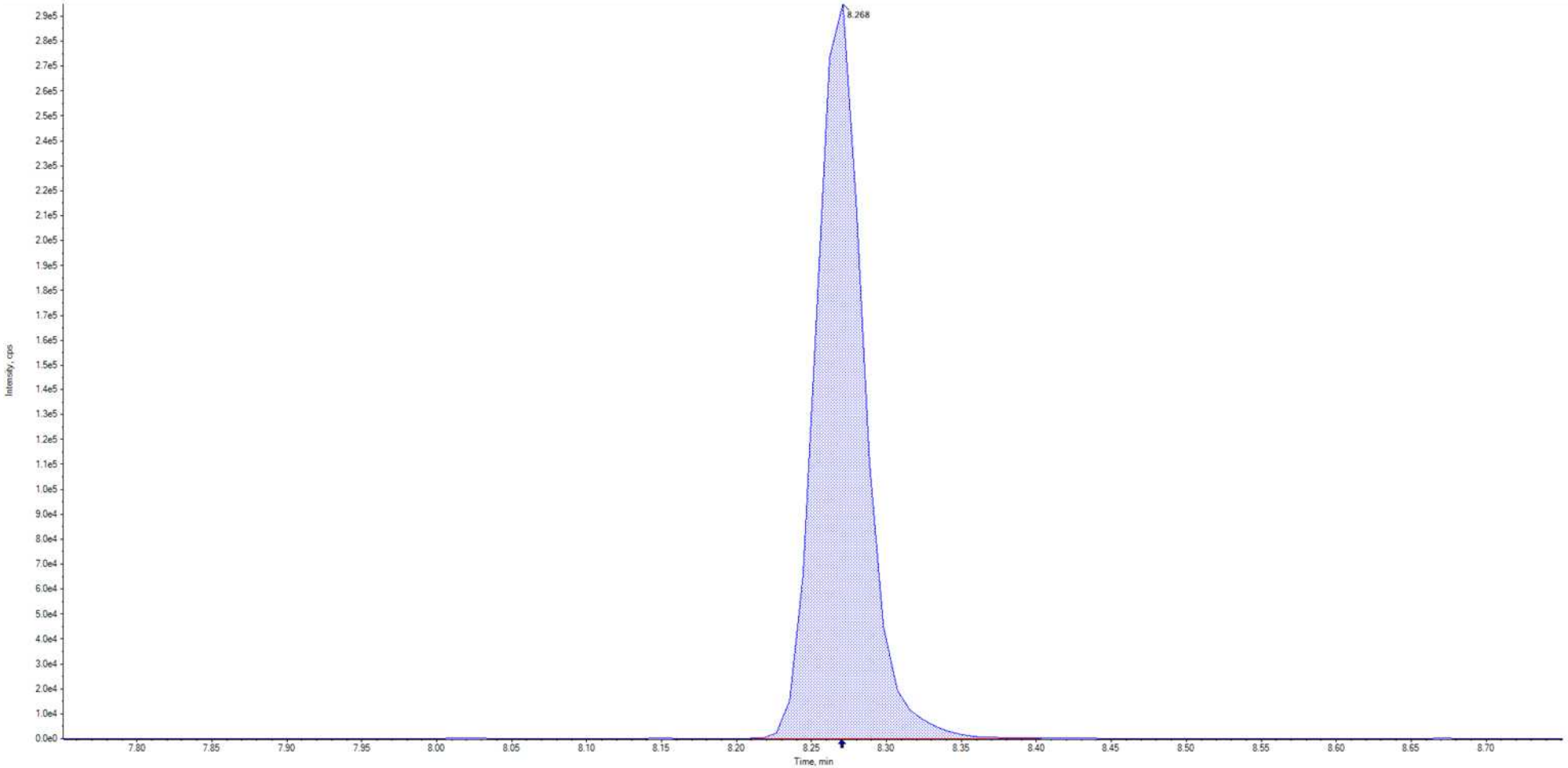
13C3-PFBS
Sample: WG1958909-5,BSICS



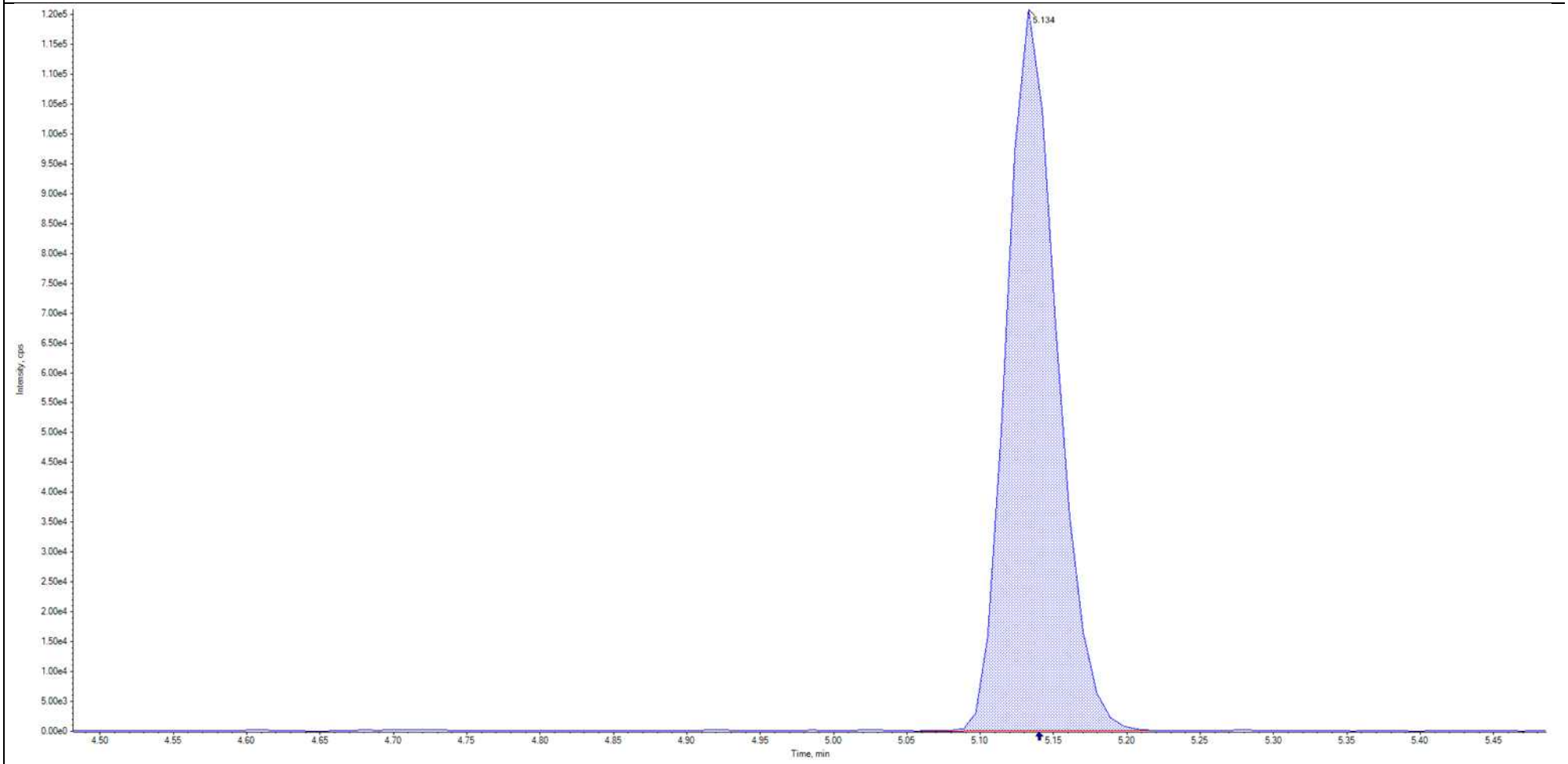
13C3-PFHxS
Sample: WG1958909-5,BSICS



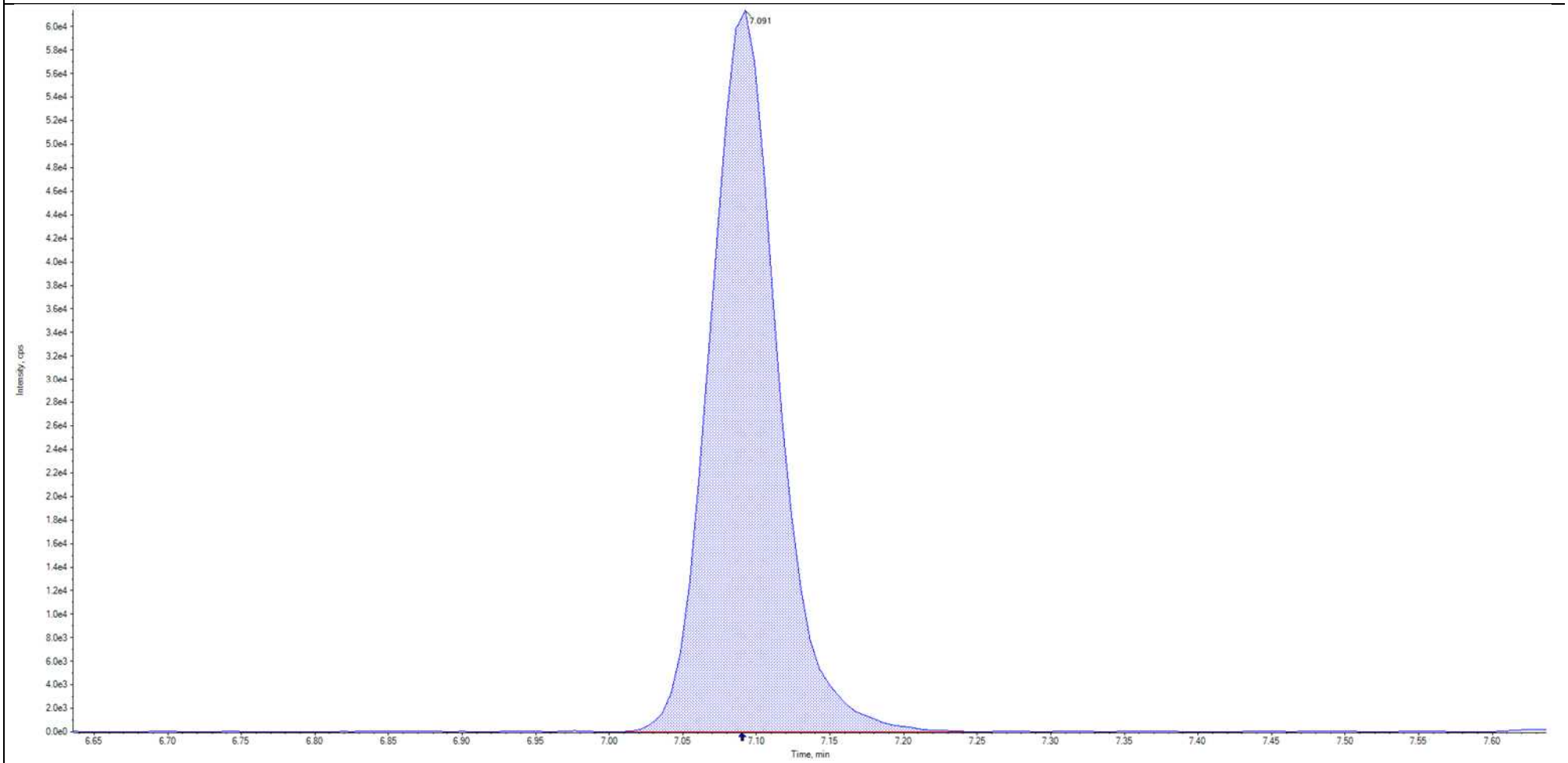
13C8-PFOS
Sample: WG1958909-5,BSICS



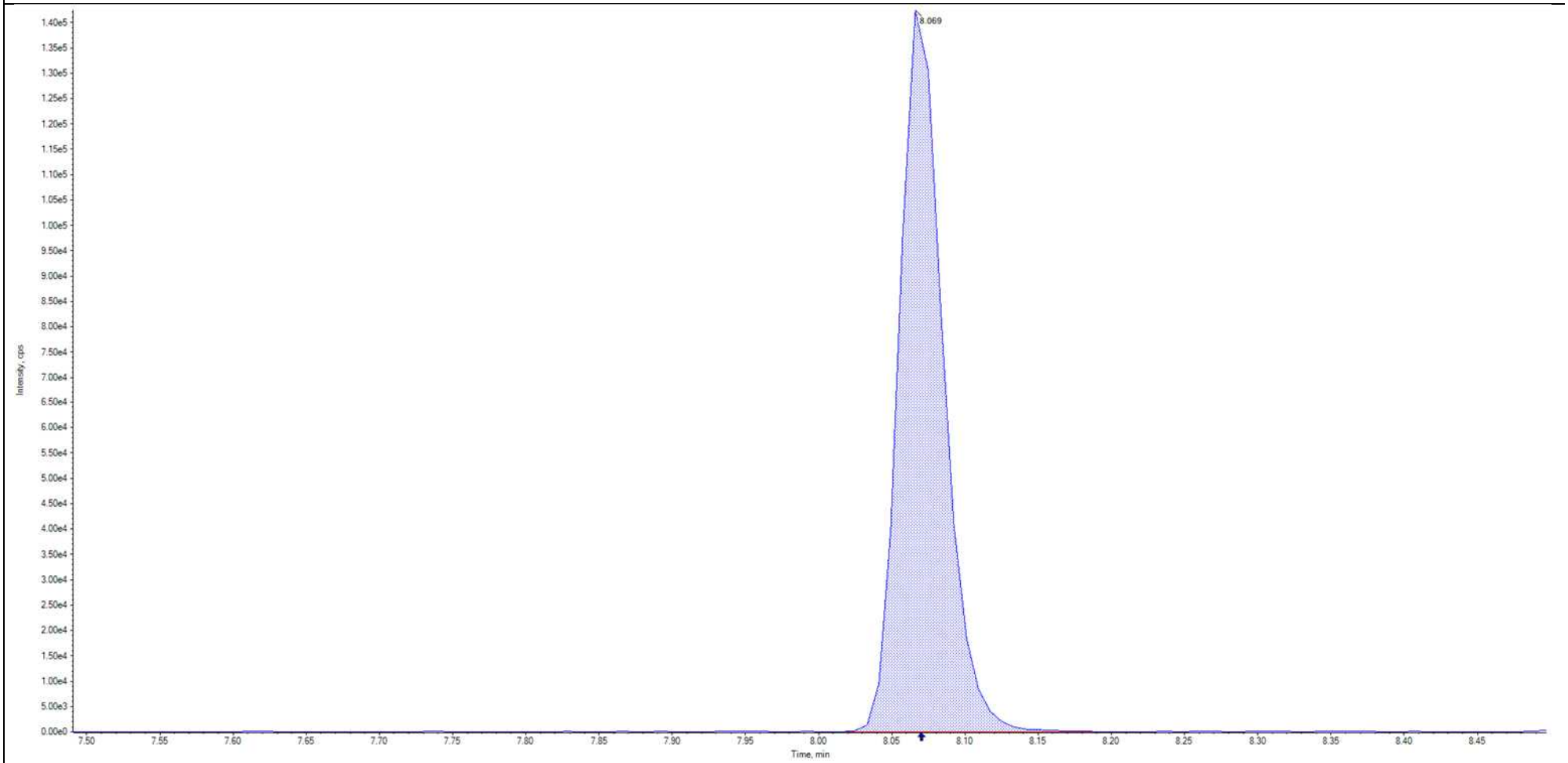
13C2-4:2FTS
Sample: WG1958909-5,BSICS



13C2-6:2FTS
Sample: WG1958909-5,BSICS

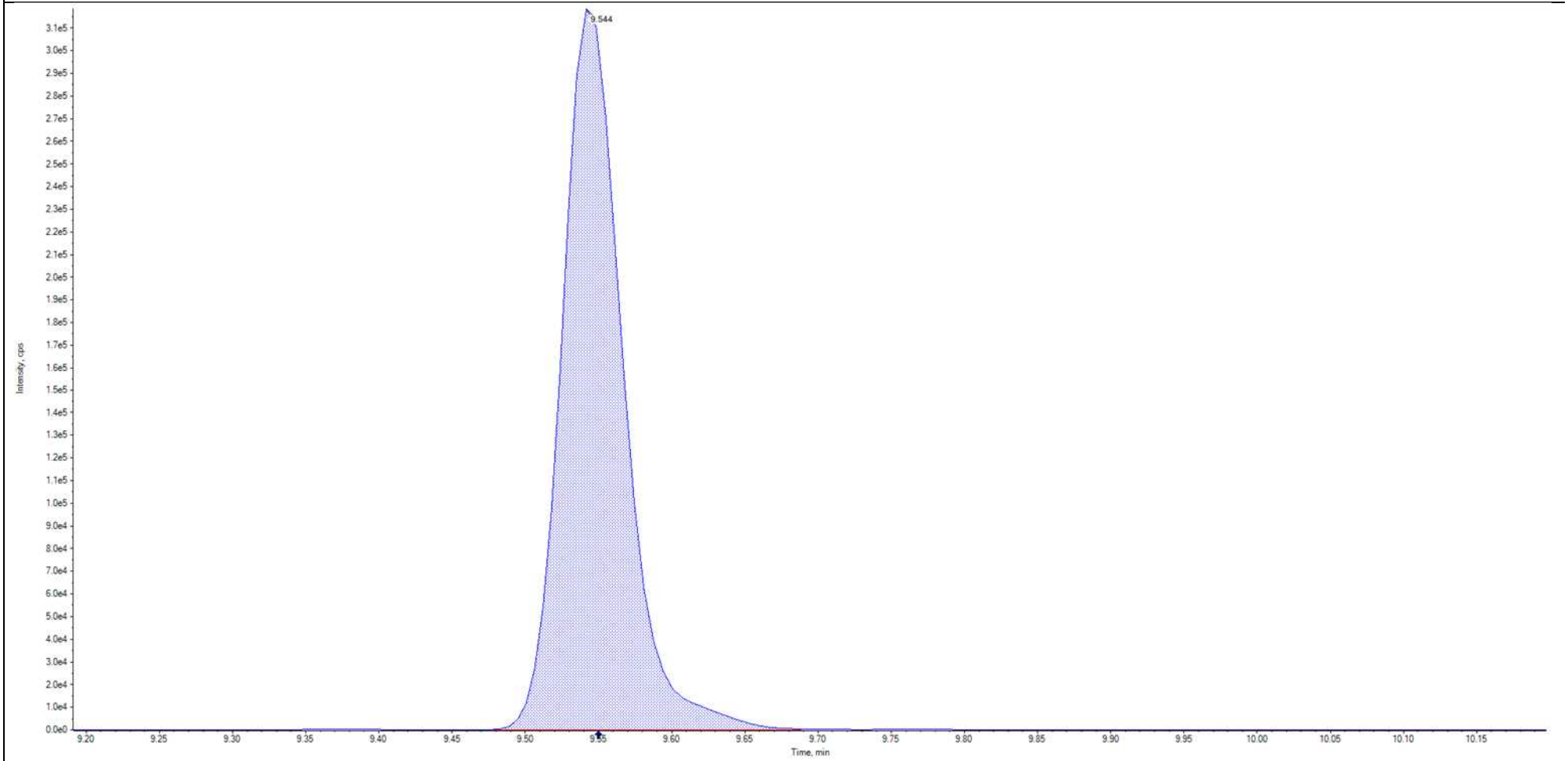


13C2-8:2FTS
Sample: WG1958909-5,BSICS



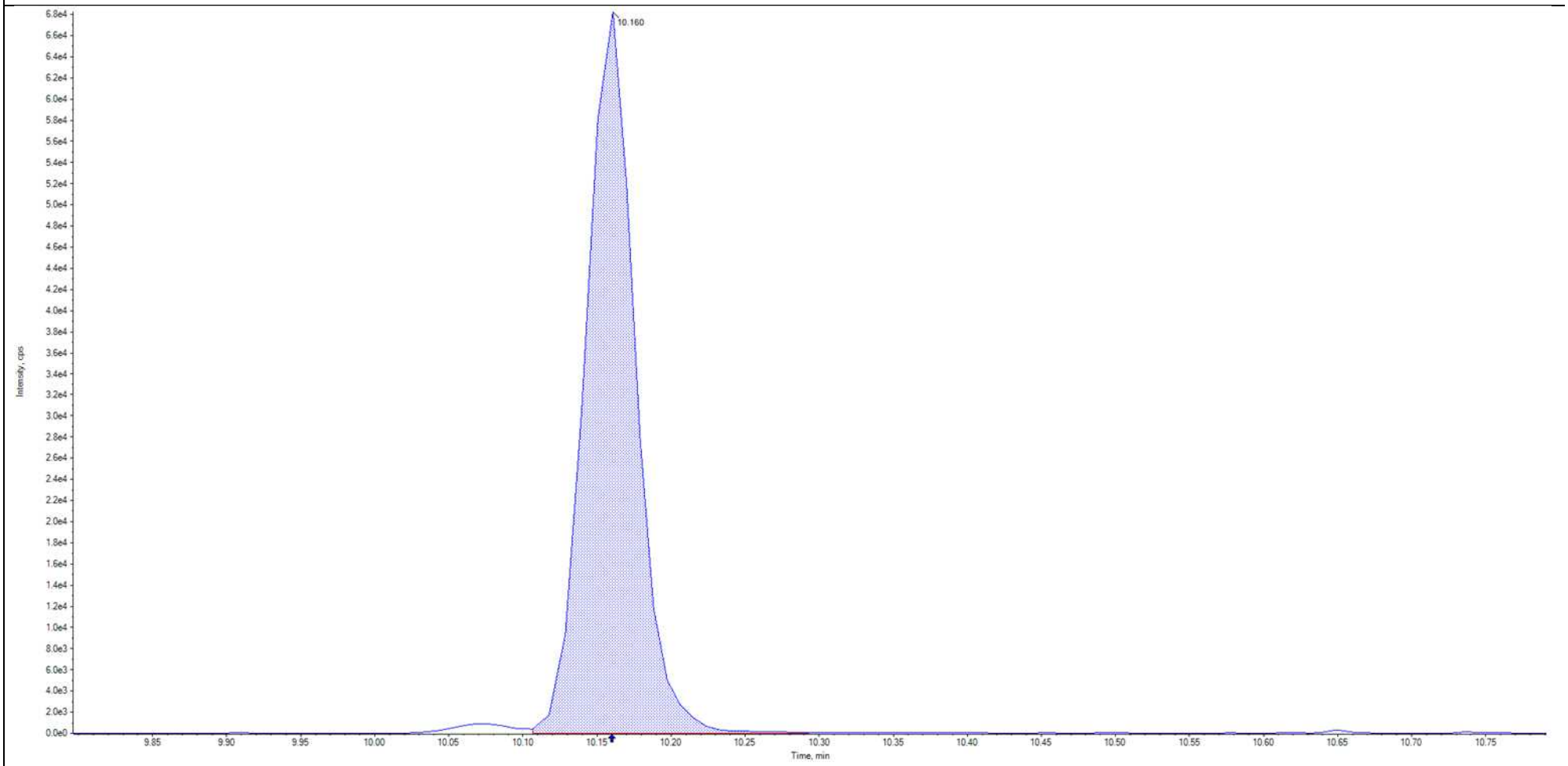
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13C8-PFOSA
Sample: WG1958909-5,BSICS

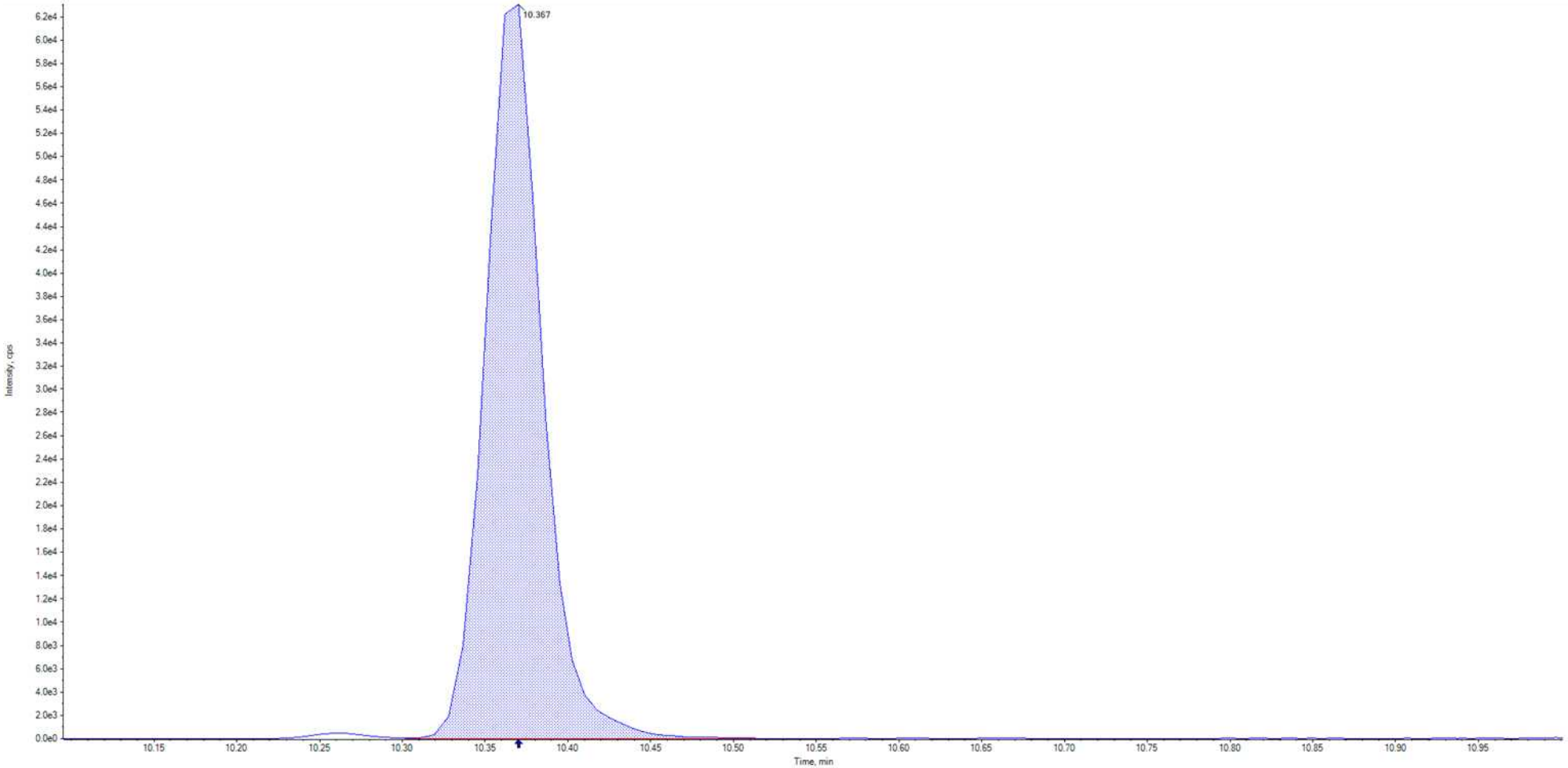


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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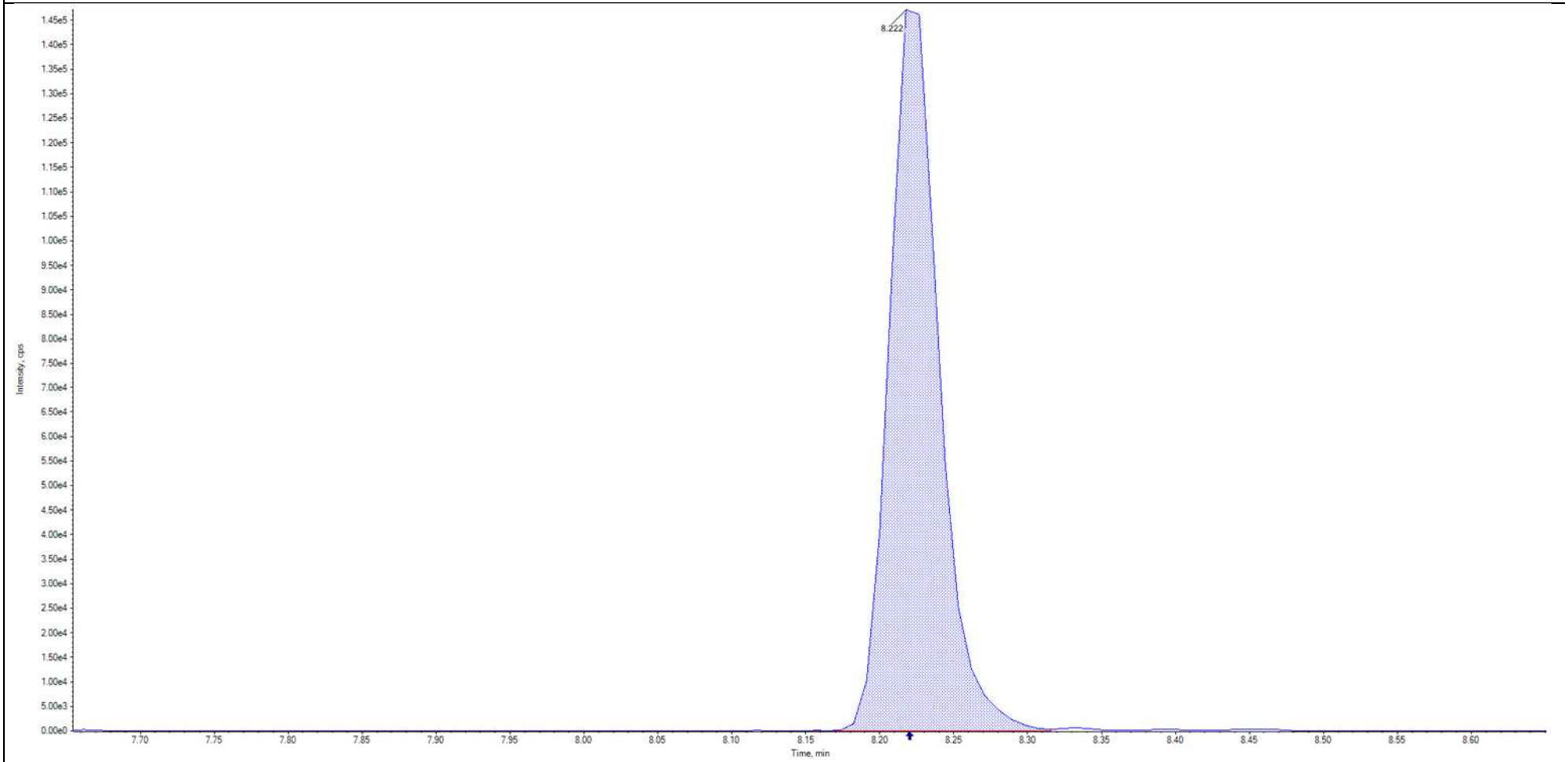
d3-NMeFOSA
Sample: WG1958909-5,BSICS



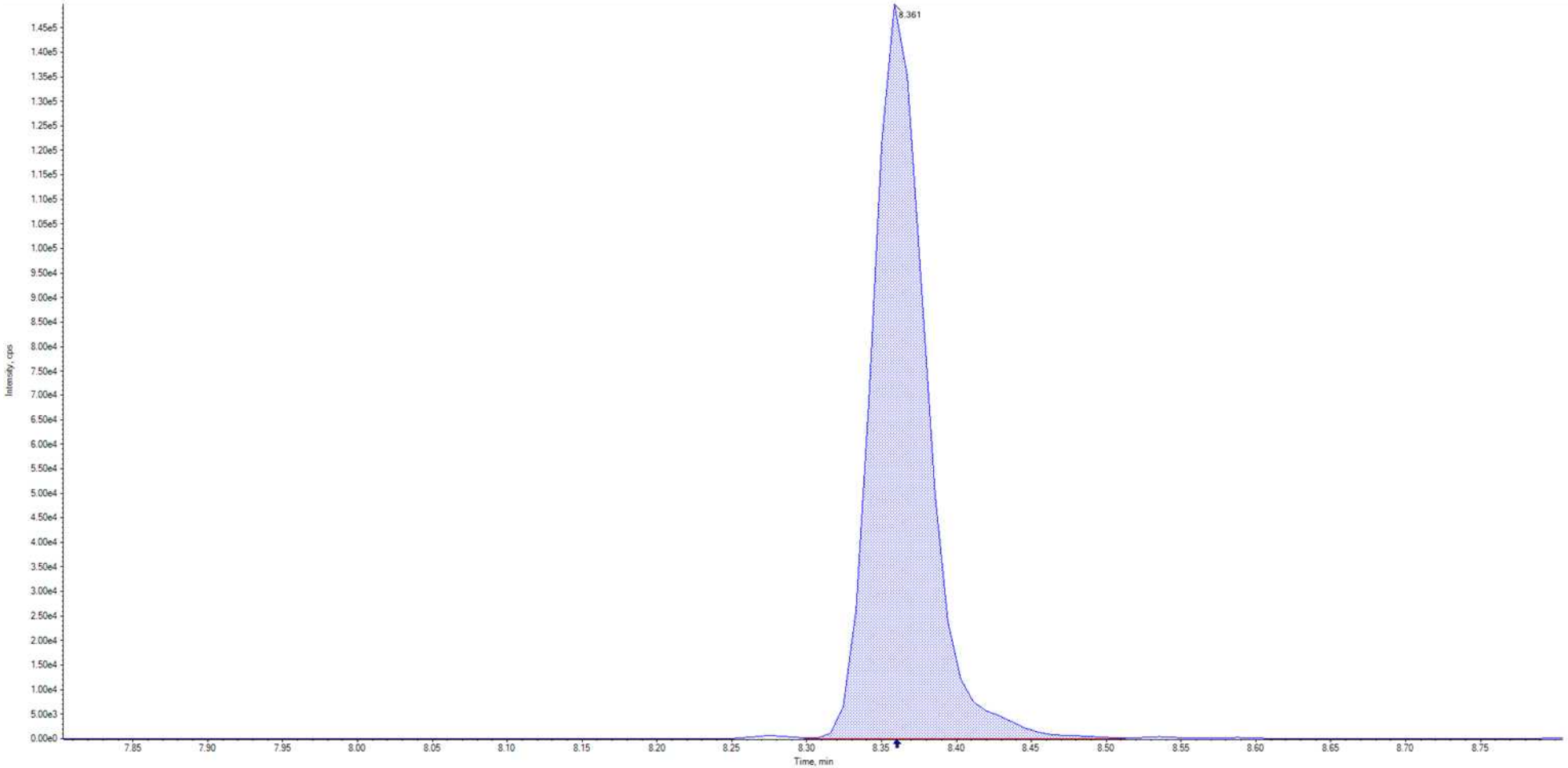
d5-NEtFOSA
Sample: WG1958909-5,BSICS



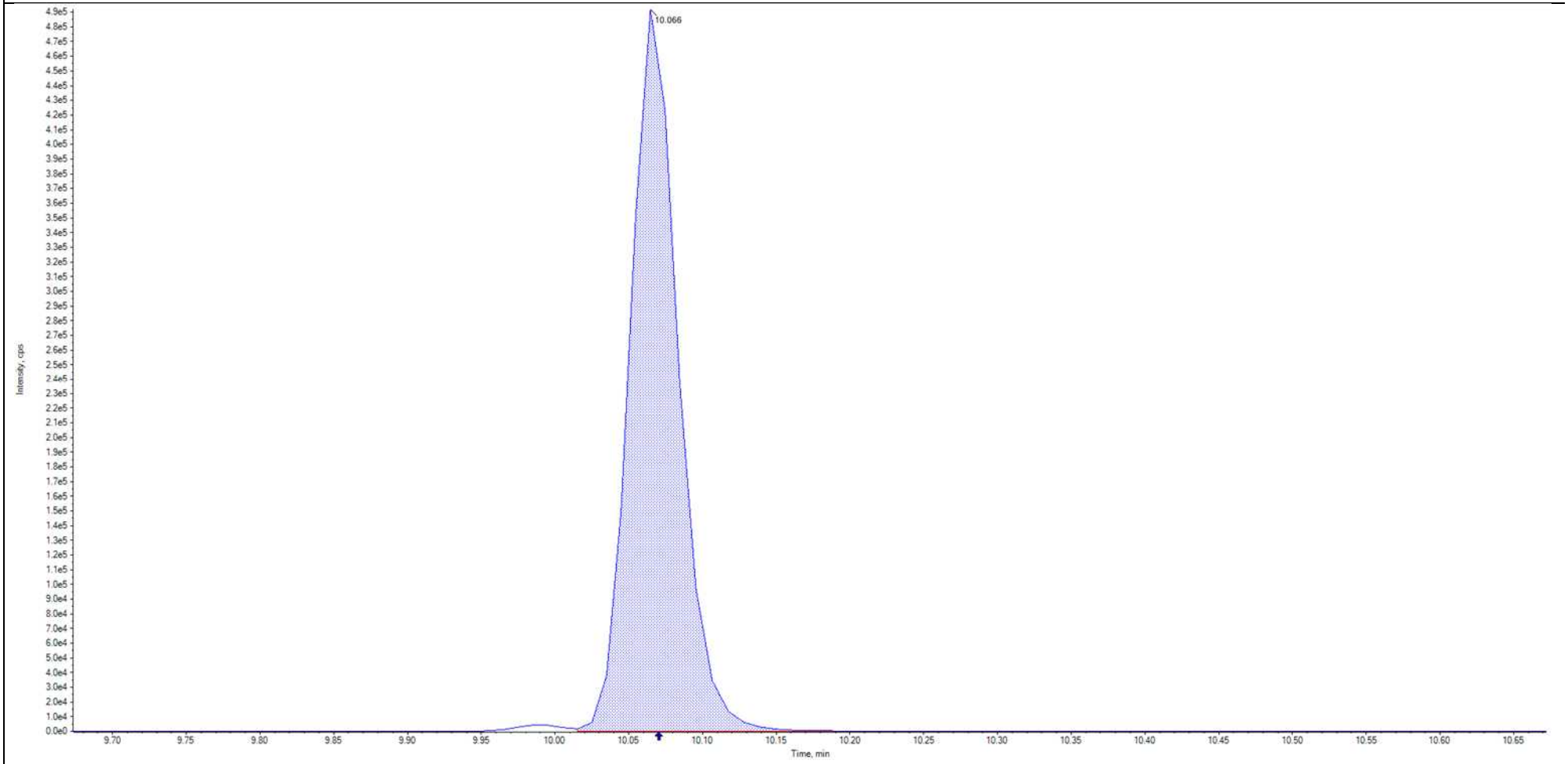
d3-NMeFOSAA
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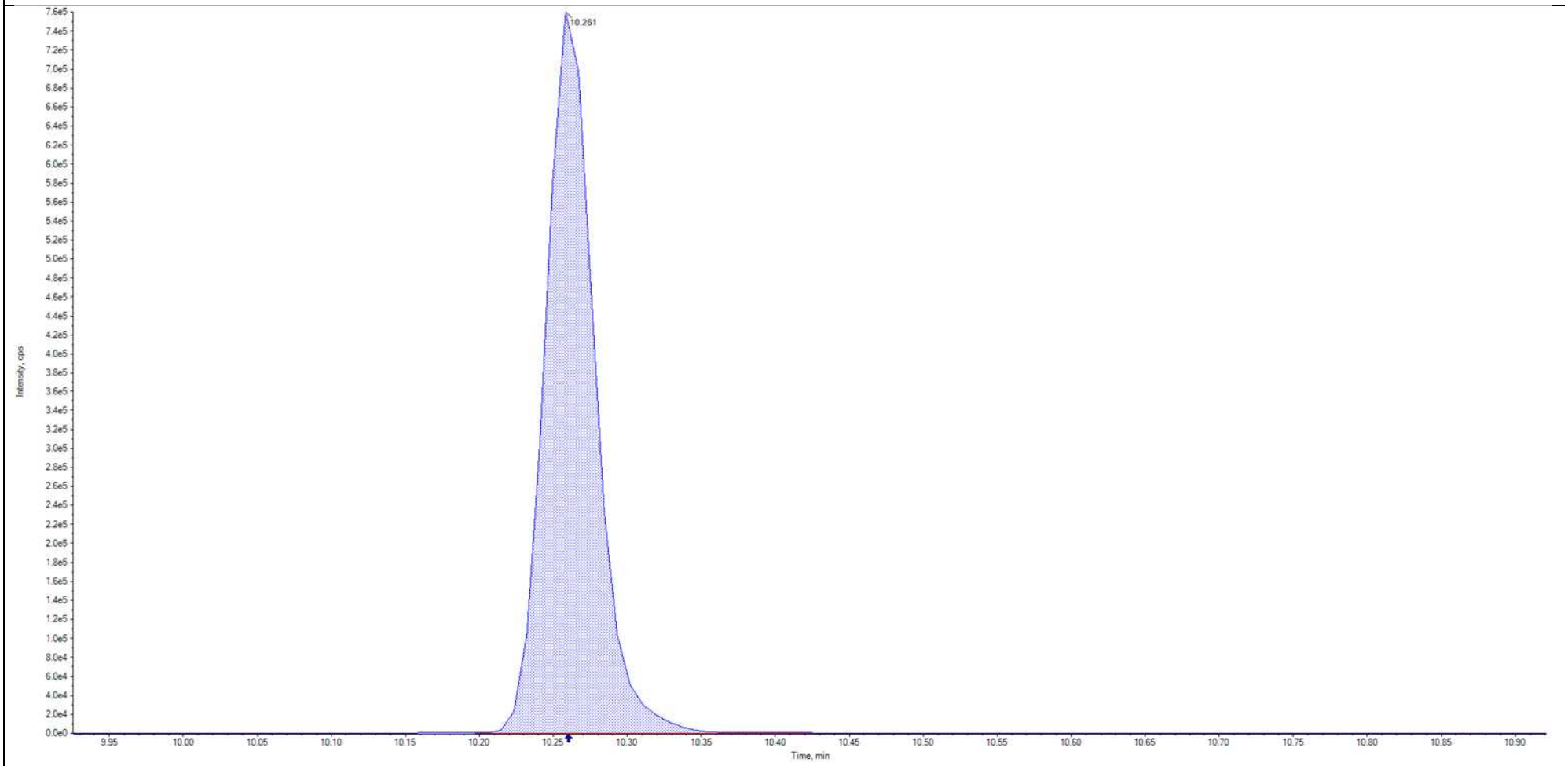
d5-NEtFOSAA
Sample: WG1958909-5,BSICS



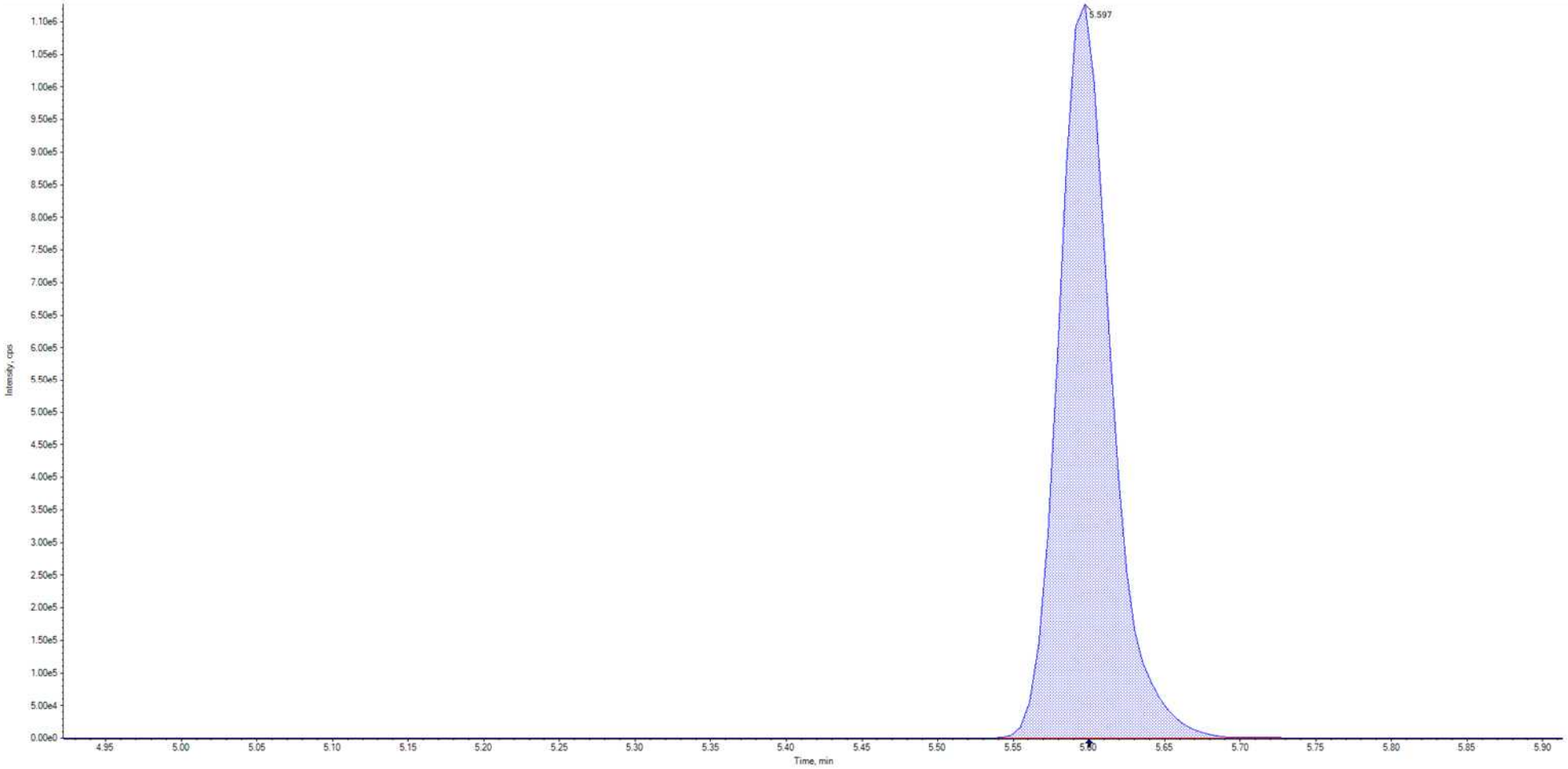
d7-NMeFOSE
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d9-NEtFOSE
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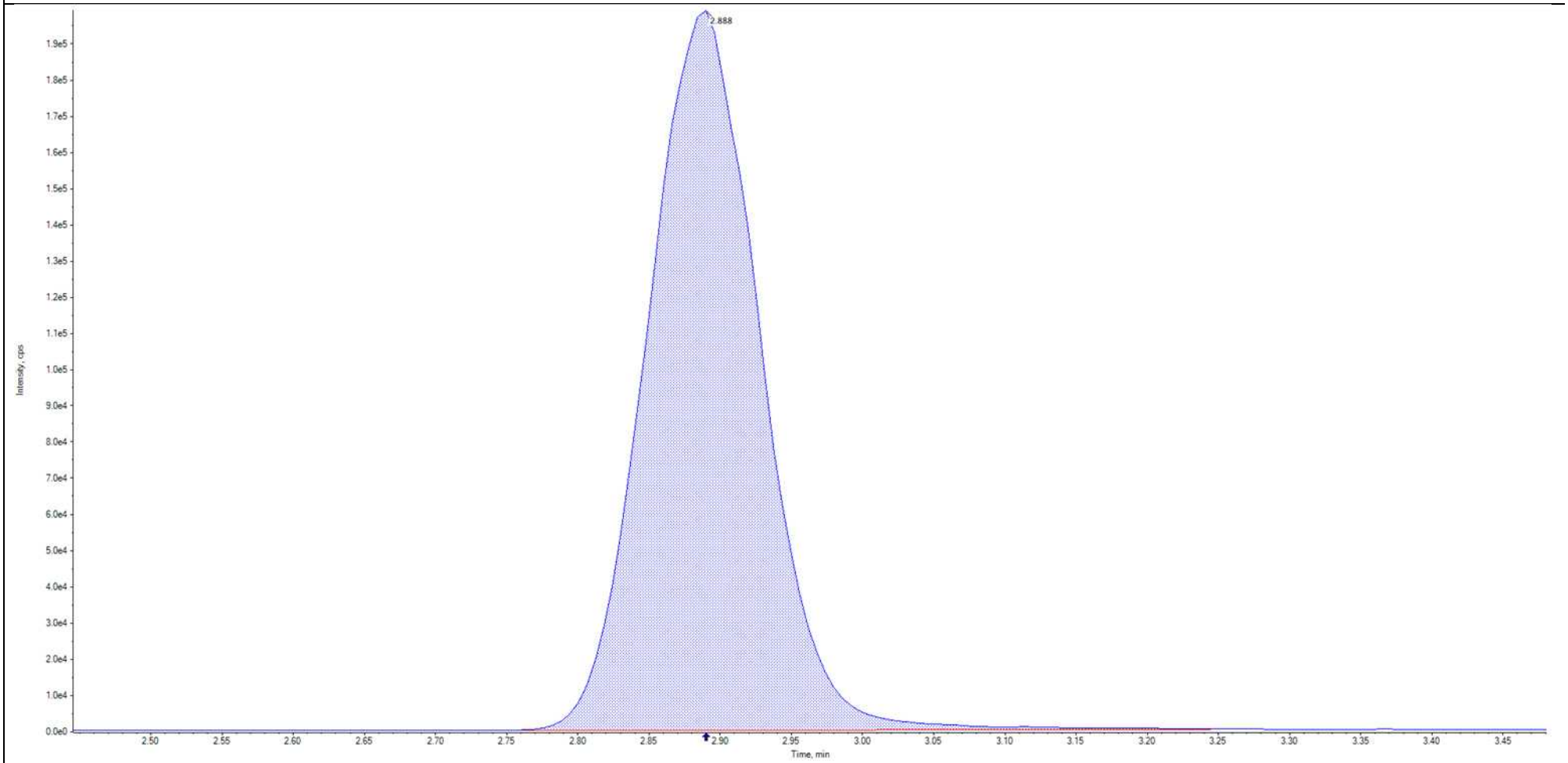


13C3-HFPO-DA
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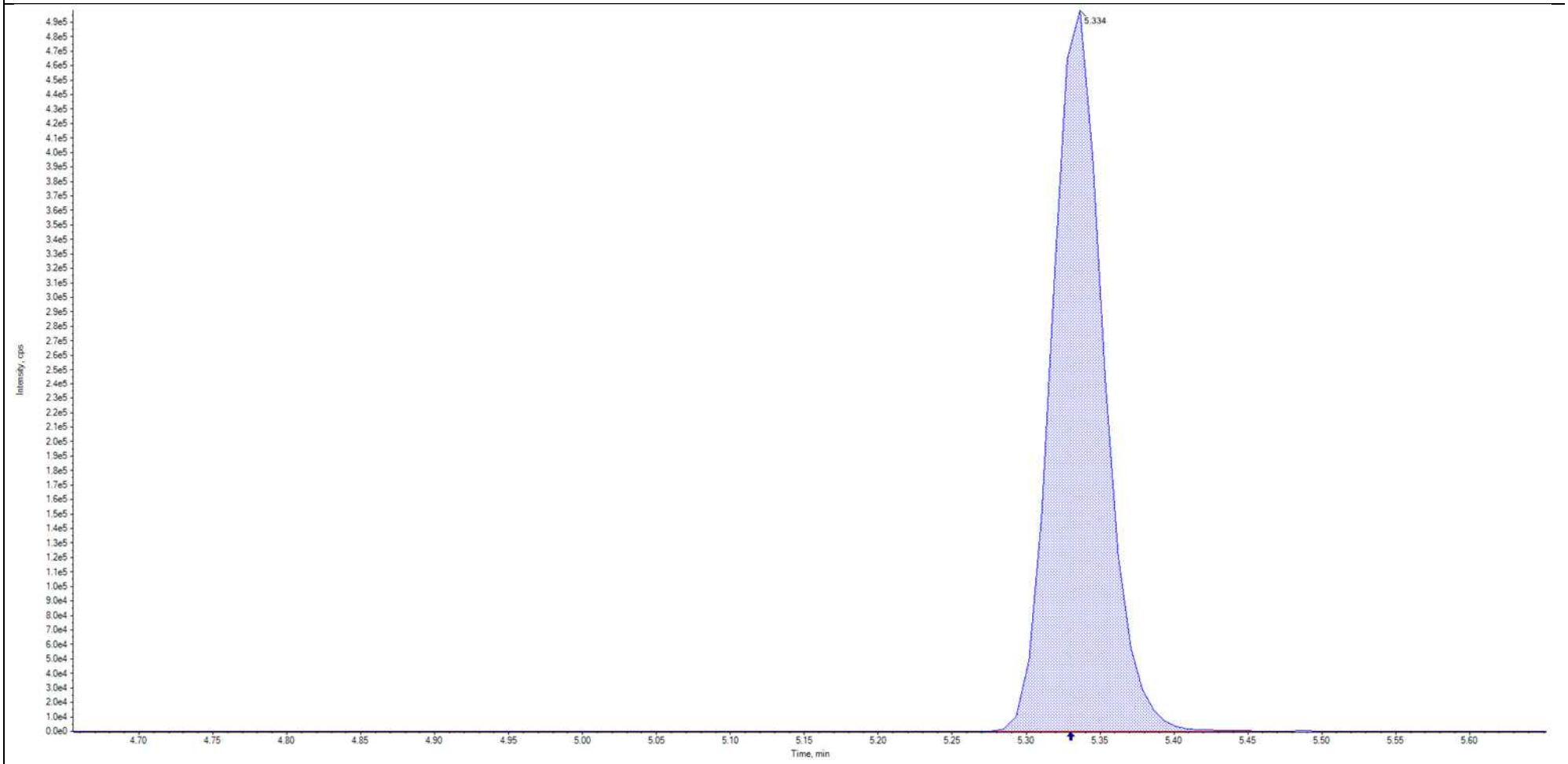
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13C3-PFBA
Sample: WG1958909-5,BSICS

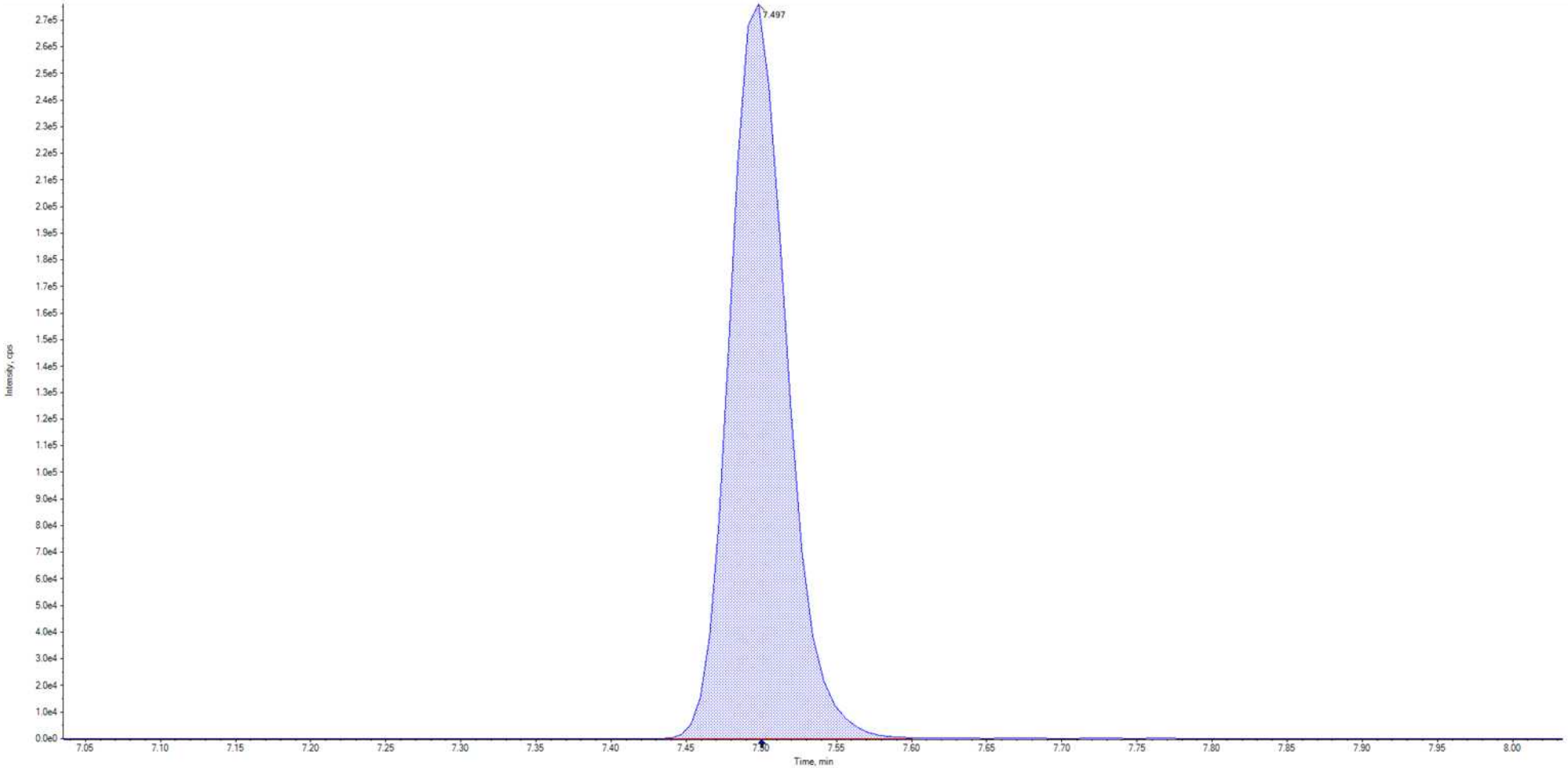


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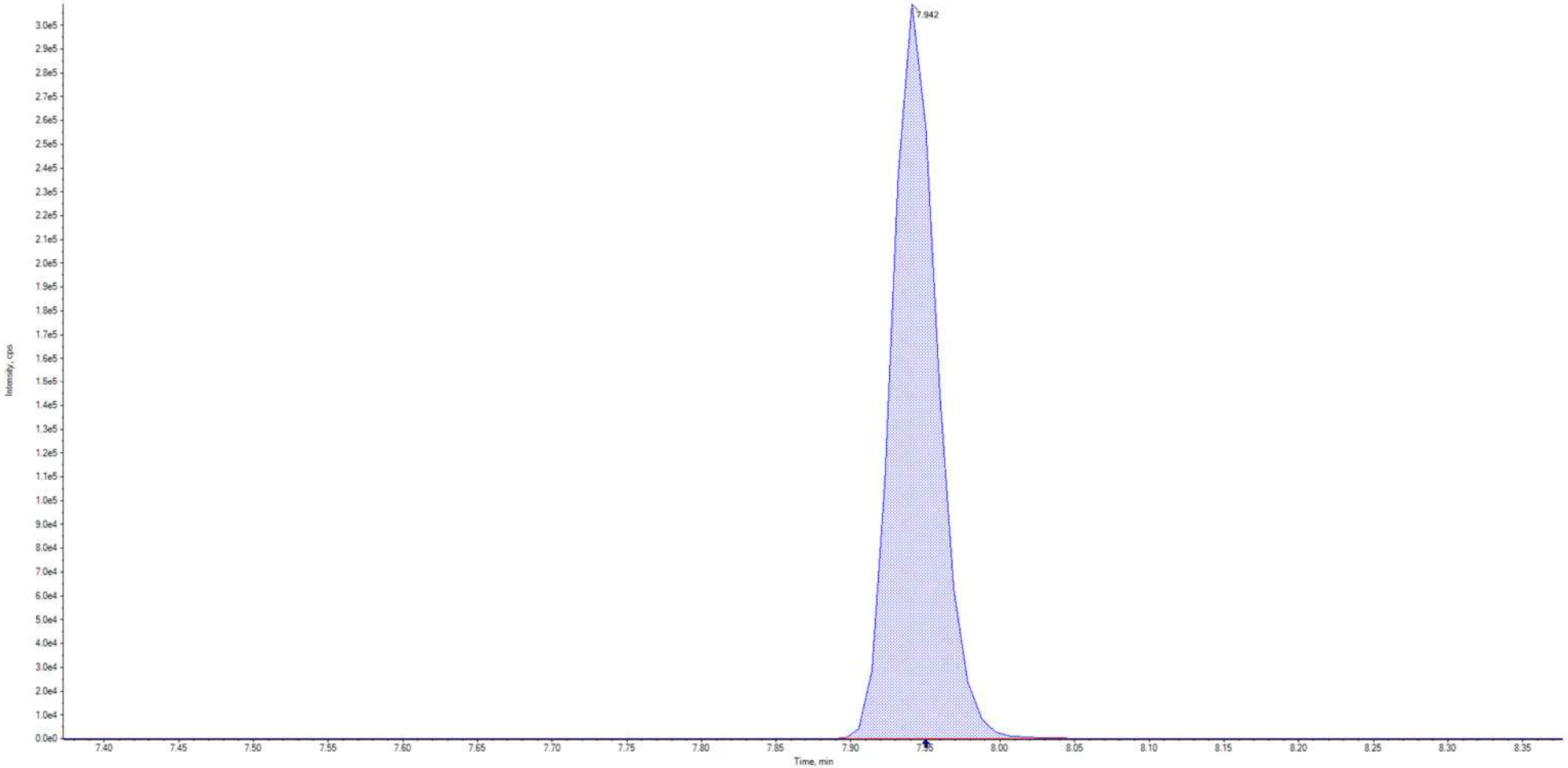
13C2-PFHxA
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13C4-PFOA
Sample: WG1958909-5,BSICS

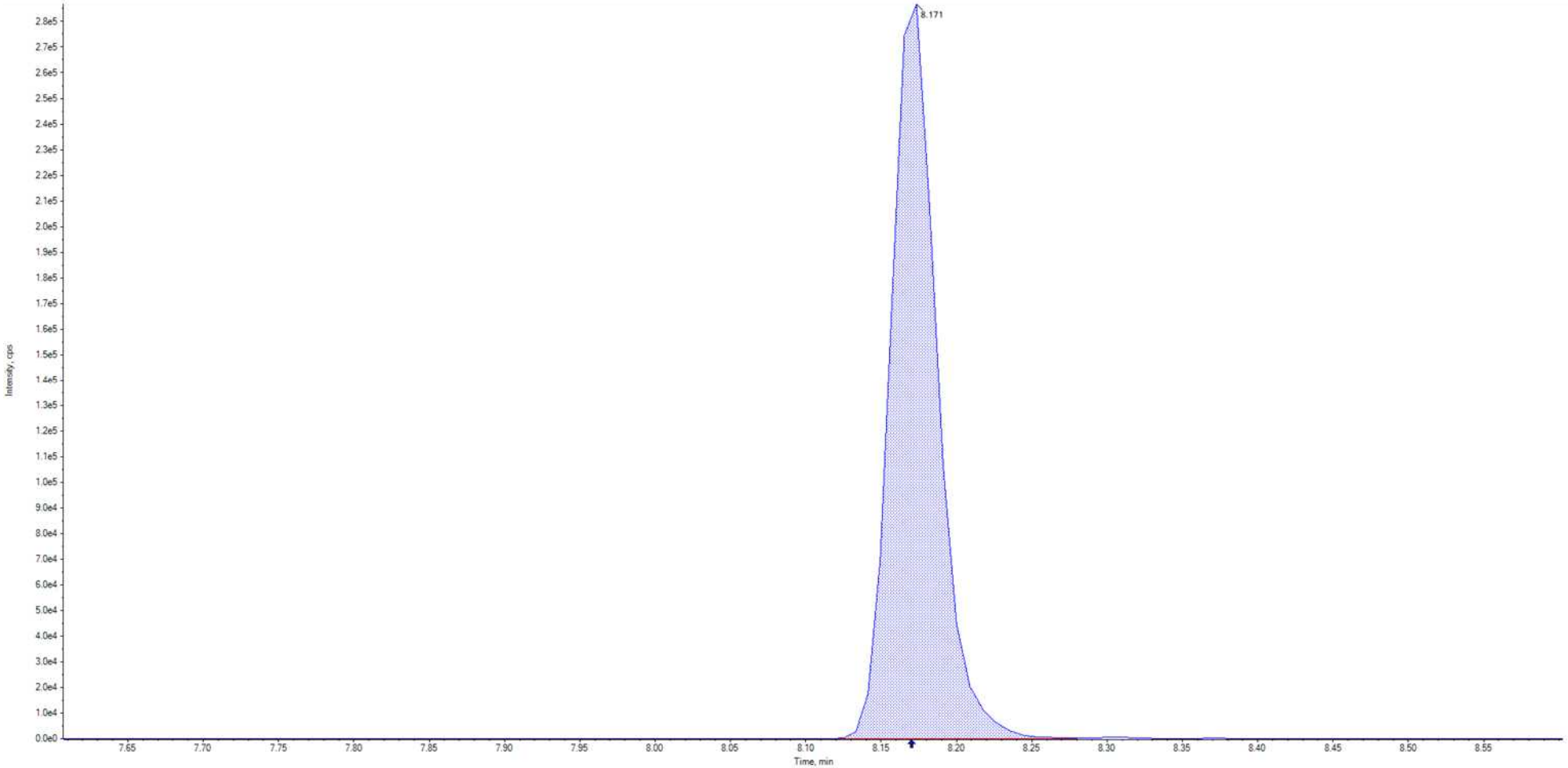


13C5-PFNA
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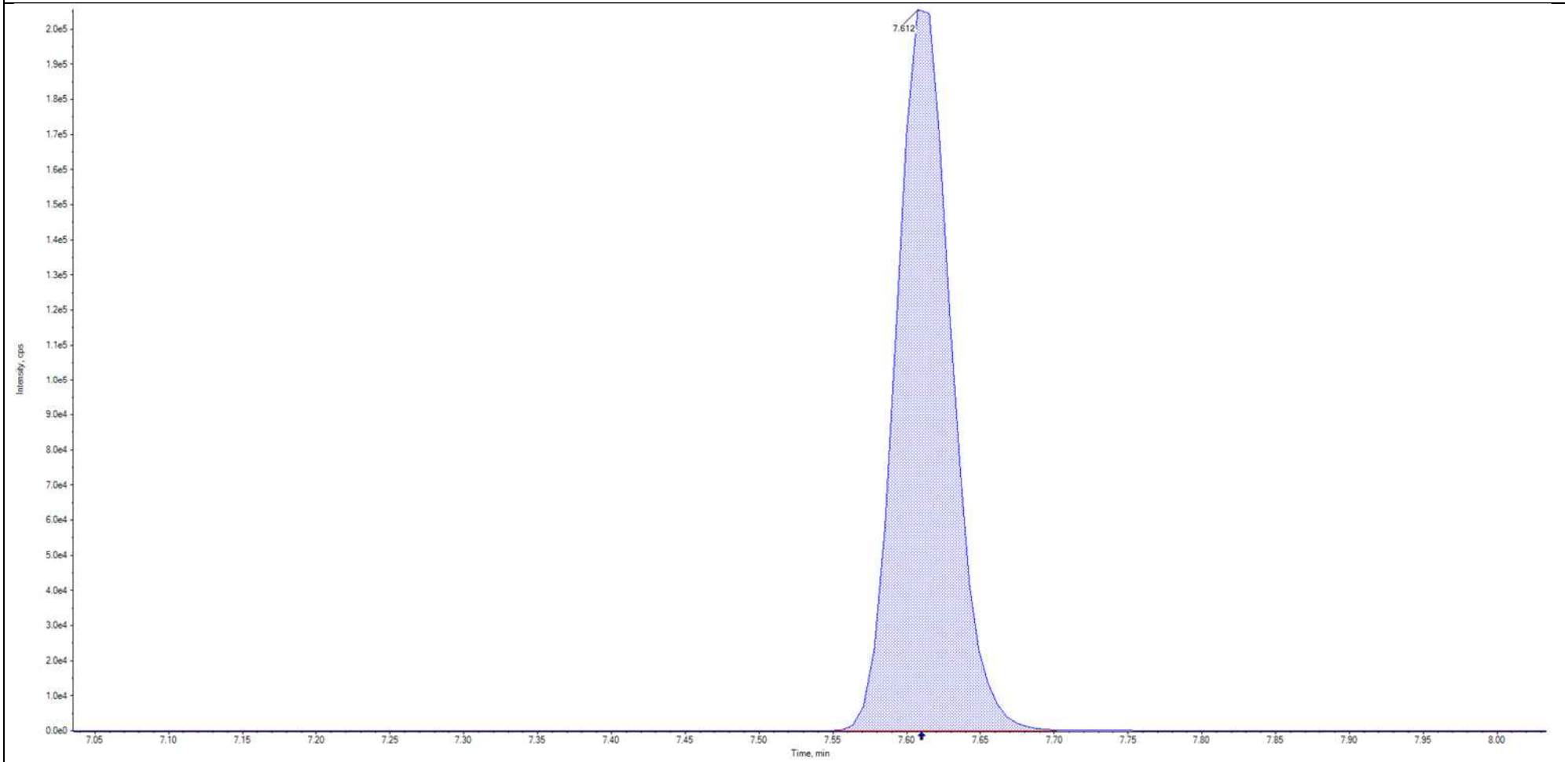


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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13C2-PFDA
Sample: WG1958909-5,BSICS

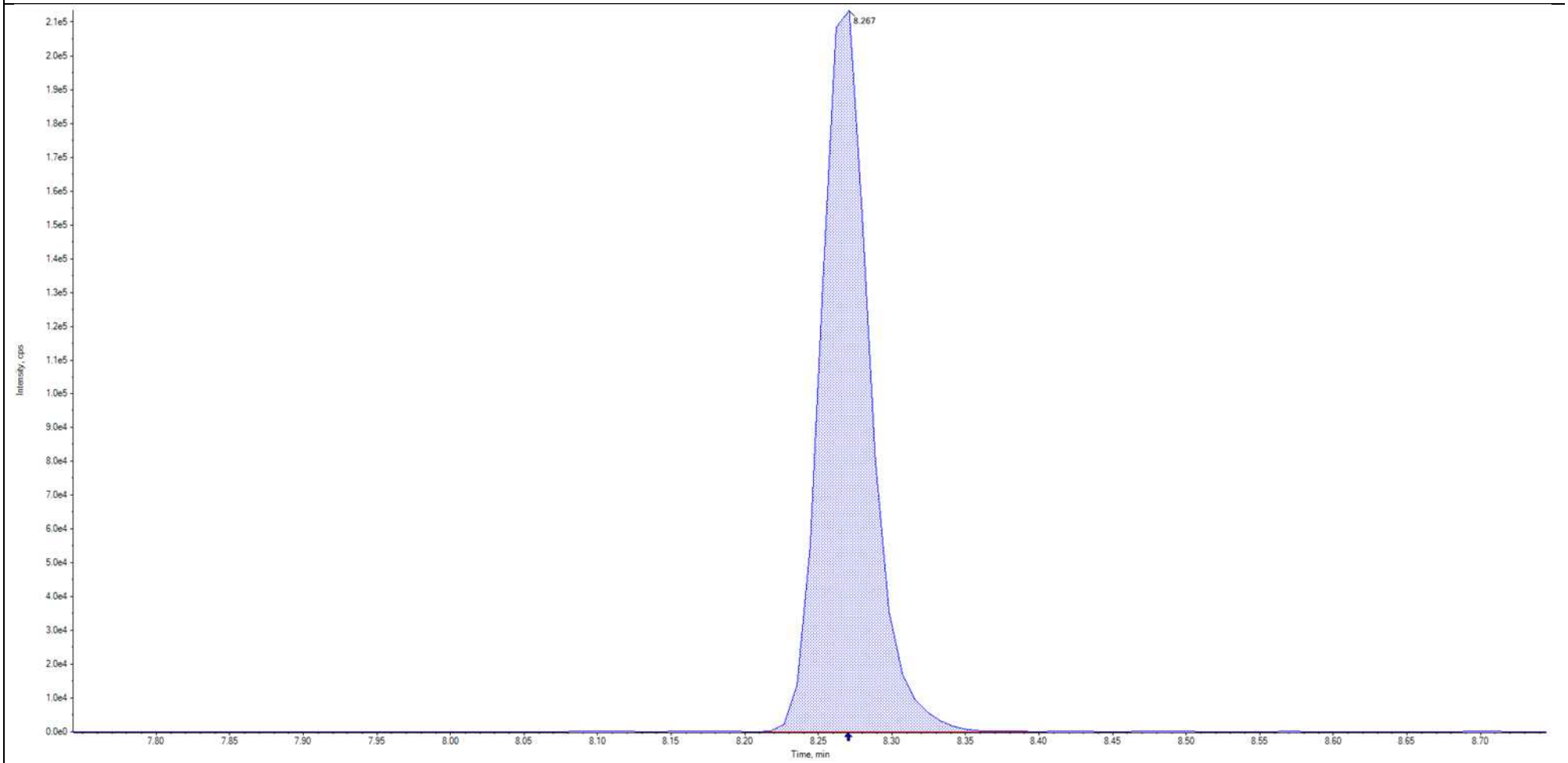


18O2-PFHxS
Sample: WG1958909-5,BSICS



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 10:29:12 AM
Generated: 8/14/2024 9:40:32 AM

13C4-PFOS
Sample: WG1958909-5,BSICS



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: WG1958909-4,TRS
Name: SCI05_240813_83.wiff
Date & Time: 2024-08-14T00:23:18
Description: WG1958909
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.50	413.1 / 369.1	4243897	M5	13.885	0.561	0.586	Pass	N/A
9	PFOA_2	335-67-1	7.50	413.1 / 169.0	2379191	M7	14.207	0.561	0.586	Pass	N/A
10	PFNA	375-95-1	7.95	462.8 / 418.9	6089110	M5	16.017	0.302	0.313	Pass	N/A
11	PFNA_2	375-95-1	7.95	462.8 / 218.9	1841643	M7	15.852	0.302	0.313	Pass	N/A
44	PFOSA	754-91-6	9.55	498.1 / 78.1	3770193	M5	15.172	0.025	0.025	Pass	N/A
45	PFOSA_2	754-91-6	9.55	498.1 / 478.0	93144	M7	14.286	0.025	0.025	Pass	N/A
46	NMeFOSA	31506-32-8	10.17	512.2 / 219.0	857015	M5	12.515	1.482	1.551	Pass	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
47	NMeFOSA_2	31506-32-8	10.13	512.2 / 169.0	1270260	M7	11.971	1.482	1.551	Pass	N/A
48	NEtFOSA	4151-50-2	10.38	526.2 / 219.0	855834	M5	12.796	1.315	1.285	Pass	N/A
49	NEtFOSA_2	4151-50-2	10.34	526.2 / 169.0	1125480	M7	12.571	1.315	1.285	Pass	N/A
54	NMeFOSE	24448-09-7	10.08	616.1 / 58.9	1716403	M5	15.488	N/A	N/A	N/A	N/A
55	NEtFOSE	1691-99-2	10.28	630.0 / 58.9	3015822	M5	14.450	N/A	N/A	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2473265		9.854	NA	NA	NA	98.5
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1561160		5.006	NA	NA	NA	100.1
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	958278		2.340	NA	NA	NA	93.6
	13C4-PFHpA	EIS	6.25	367.0 / 322.0	994170		2.424	NA	NA	NA	97.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOA	EIS	7.50	421.0 / 376.0	1468648		2.632	NA	NA	NA	105.3
	13C9-PFNA	EIS	7.94	472.0 / 427.0	649183		1.205	NA	NA	NA	96.4
	13C6-PFDA	EIS	8.17	519.0 / 474.0	677177		1.288	NA	NA	NA	103.1
	13C7-PFUnA	EIS	8.47	570.0 / 525.0	563590		1.325	NA	NA	NA	106.0
	13C2-PFDoA	EIS	8.90	615.1 / 570.0	340864		1.232	NA	NA	NA	98.6
	13C2-PFTeDA	EIS	9.90	715.1 / 670.1	371241		1.236	NA	NA	NA	98.9
	13C3-PFBS	EIS	5.31	302.1 / 80.1	709845		2.139	NA	NA	NA	91.8
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	634410		2.407	NA	NA	NA	101.6

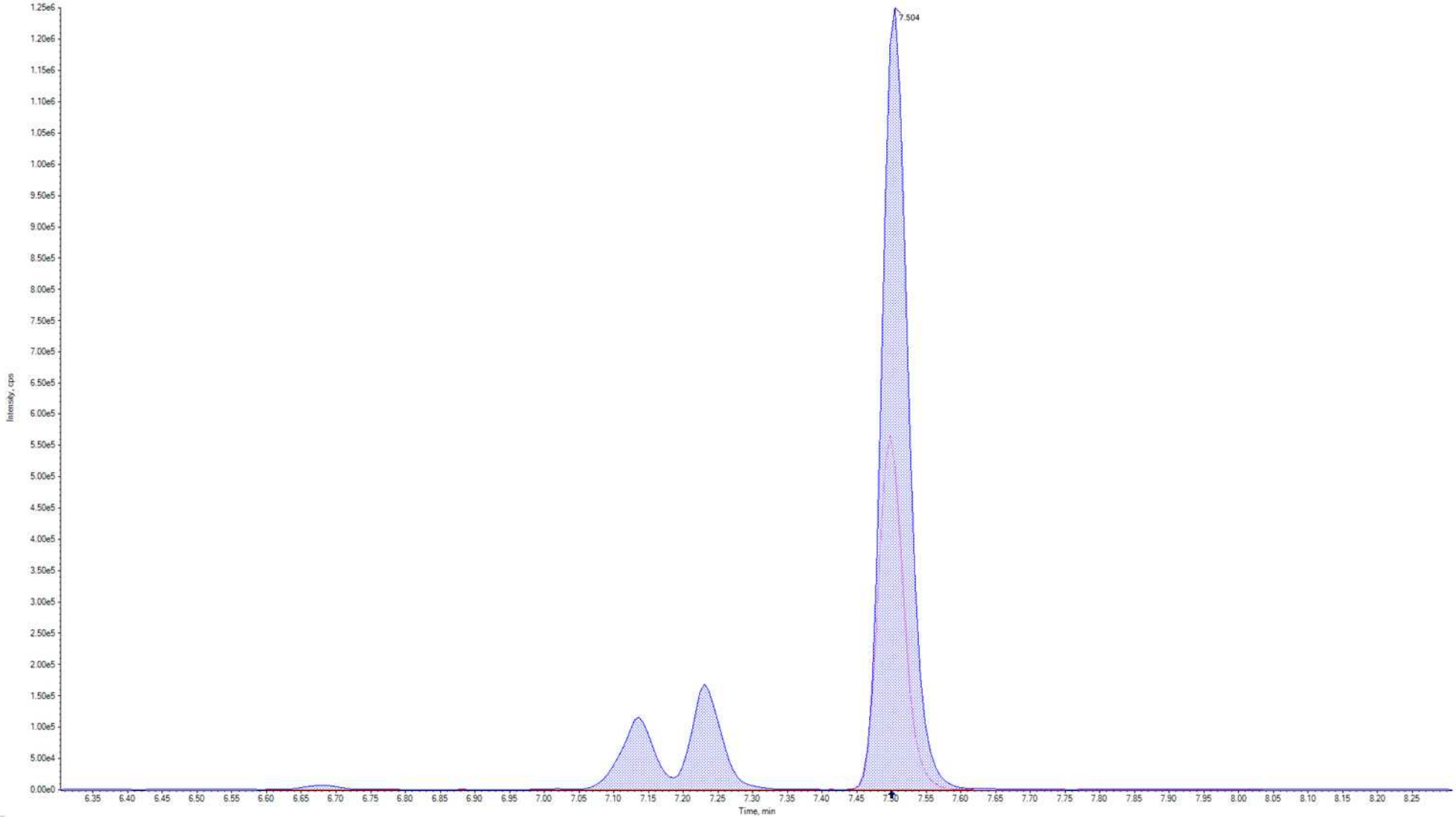
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	13C8-PFOS	EIS	8.27	507.1 / 80.1	661873		2.353	NA	NA	NA	98.3
	13C2-4:2FTS	EIS	5.13	329.1 / 81.1	289614		4.890	NA	NA	NA	104.3
	13C2-6:2FTS	EIS	7.09	429.2 / 81.1	197203		4.543	NA	NA	NA	95.6
	13C2-8:2FTS	EIS	8.07	529.2 / 81.1	299092		4.708	NA	NA	NA	98.1
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	929502		2.486	NA	NA	NA	99.4
	d3-NMeFOSA	EIS	10.16	515.2 / 219.0	159881		2.540	NA	NA	NA	101.6
	d5-NEtFOSA	EIS	10.37	531.2 / 219.0	152252		2.476	NA	NA	NA	99.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	347283		2.441	NA	NA	NA	48.8
	d5-NEtFOSAA	EIS	8.36	589.3 / 419.1	375431		5.021	NA	NA	NA	100.4
	d7-NMeFOSE	EIS	10.07	623.2 / 58.9	1123032		23.105	NA	NA	NA	92.4
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1777891		24.809	NA	NA	NA	99.2
	13C3-HFPO-DA	EIS	5.60	287.0 / 169.0	2730343		10.058	NA	NA	NA	100.6
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1097957		5.135	NA	NA	NA	102.7
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1216174		2.484	NA	NA	NA	99.4
	13C4-PFOA	NIS	7.50	417.0 / 372.0	730115		2.332	NA	NA	NA	93.3

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFNA	NIS	7.94	468.0 / 423.0	656416		1.198	NA	NA	NA	95.9
	13C2-PFDA	NIS	8.17	515.1 / 470.1	617433		1.205	NA	NA	NA	96.4
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	535768		2.287	NA	NA	NA	96.5
	13C4-PFOS	NIS	8.27	503.1 / 80.1	497485		2.363	NA	NA	NA	98.7

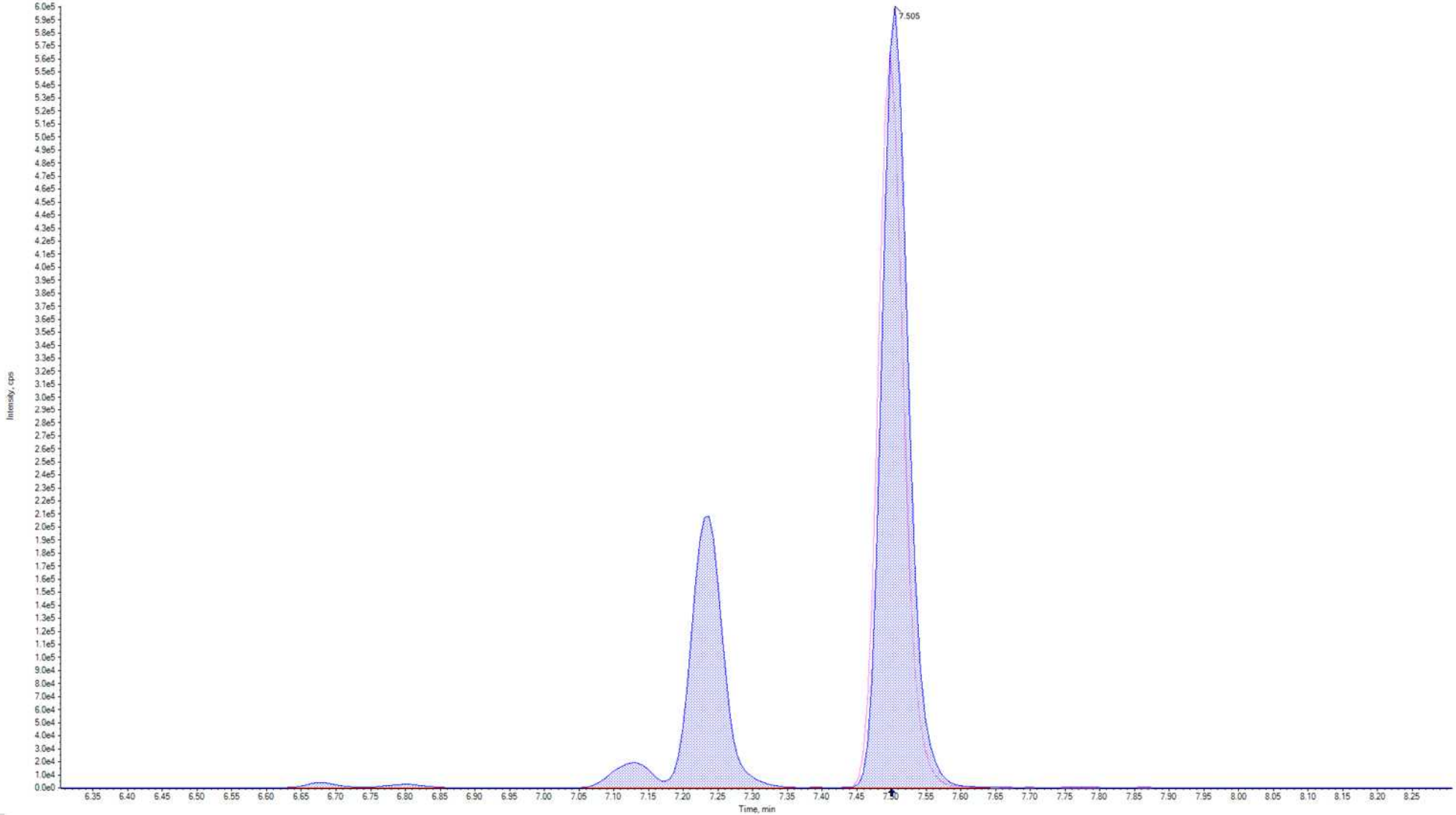
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PFOA
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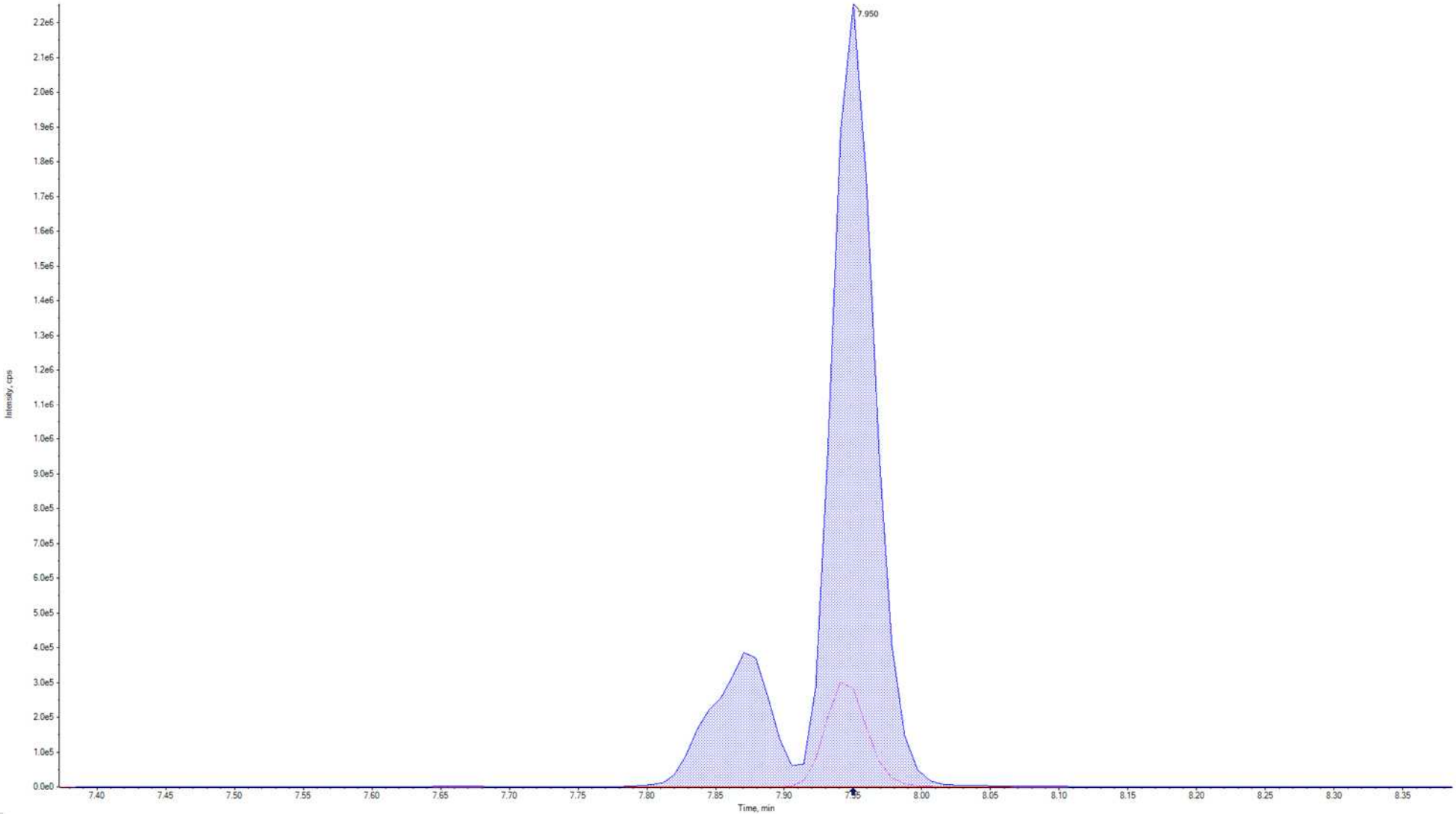
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
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PFOA_2
Sample: WG1958909-4,TRS S/N:76317.2 Points Across peak:160



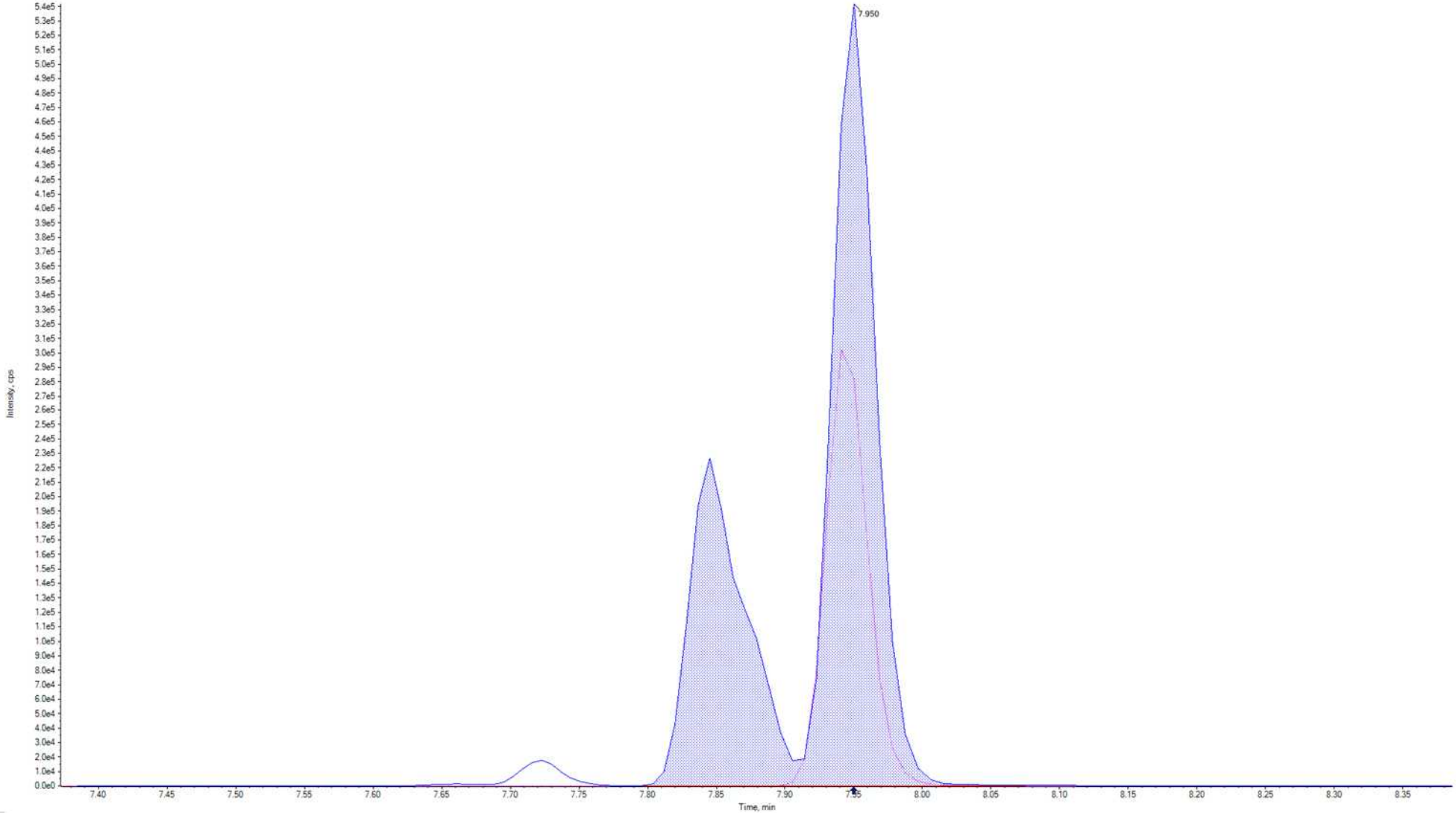
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PFNA
Sample: WG1958909-4,TRS S/N:4059.4 Points Across peak:35



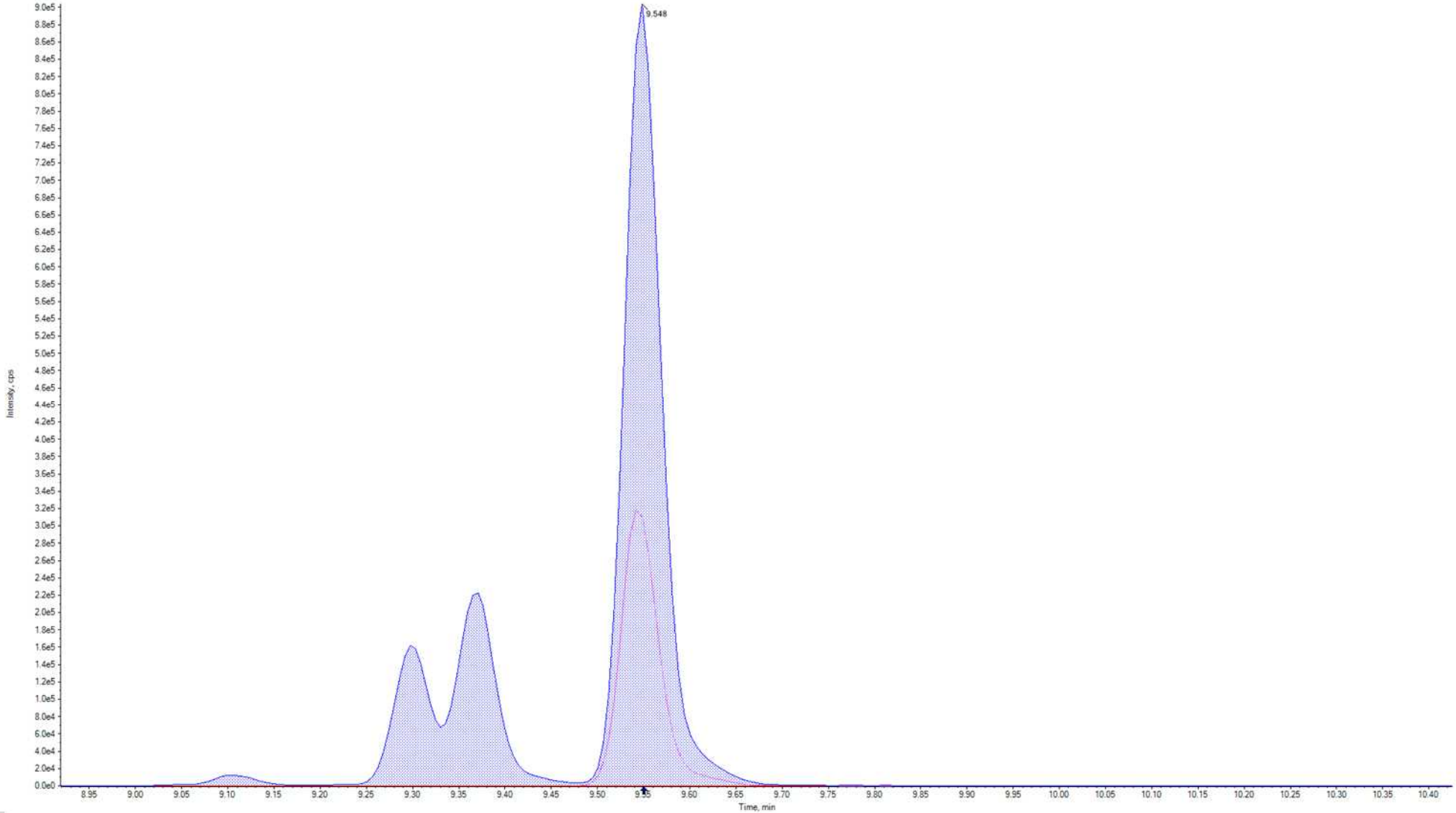
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PFNA_2
Sample: WG1958909-4,TRS S/N:1284.2 Points Across peak:34



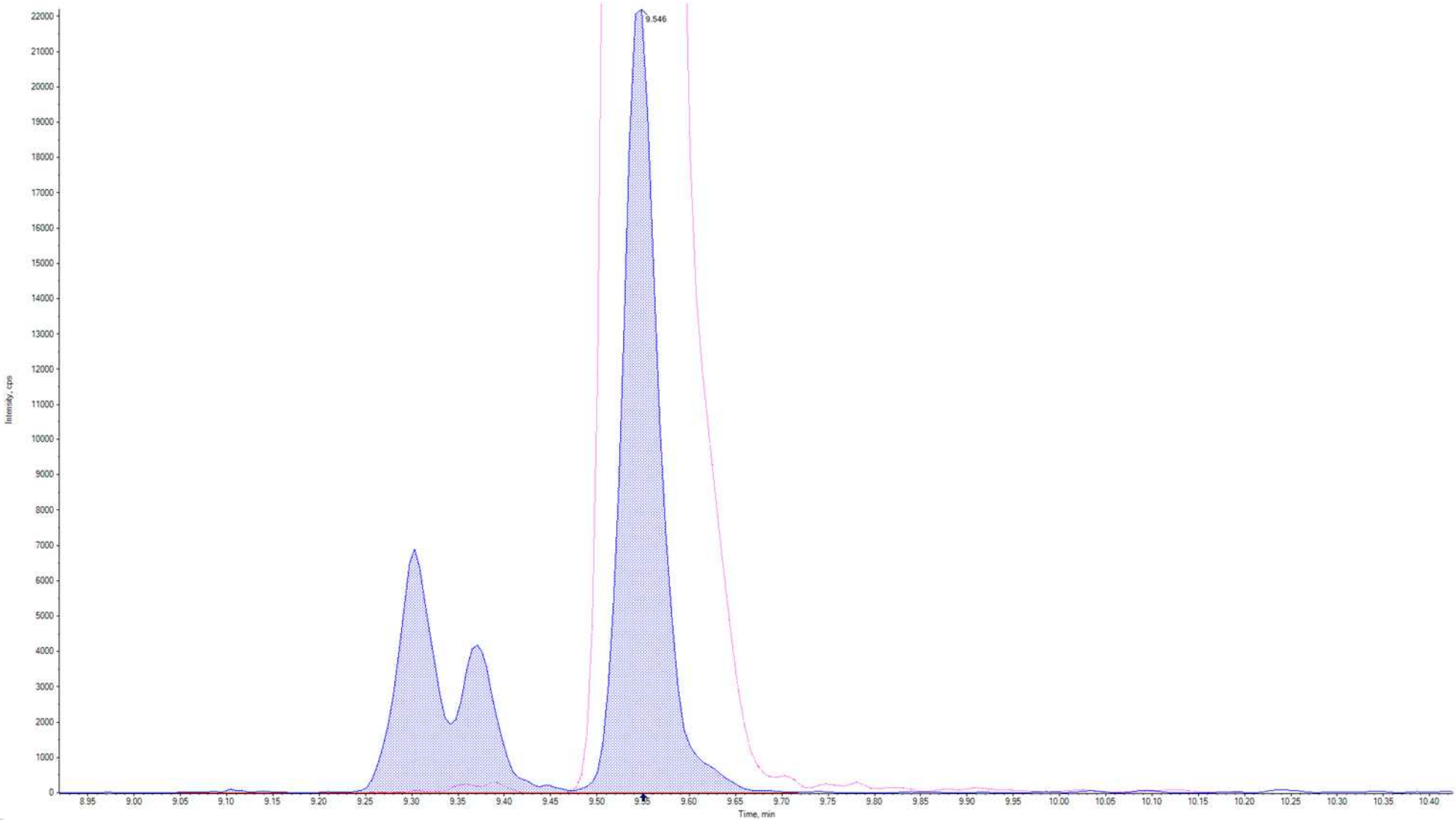
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PFOSA
Sample: WG1958909-4,TRS S/N:12828.6 Points Across peak:130



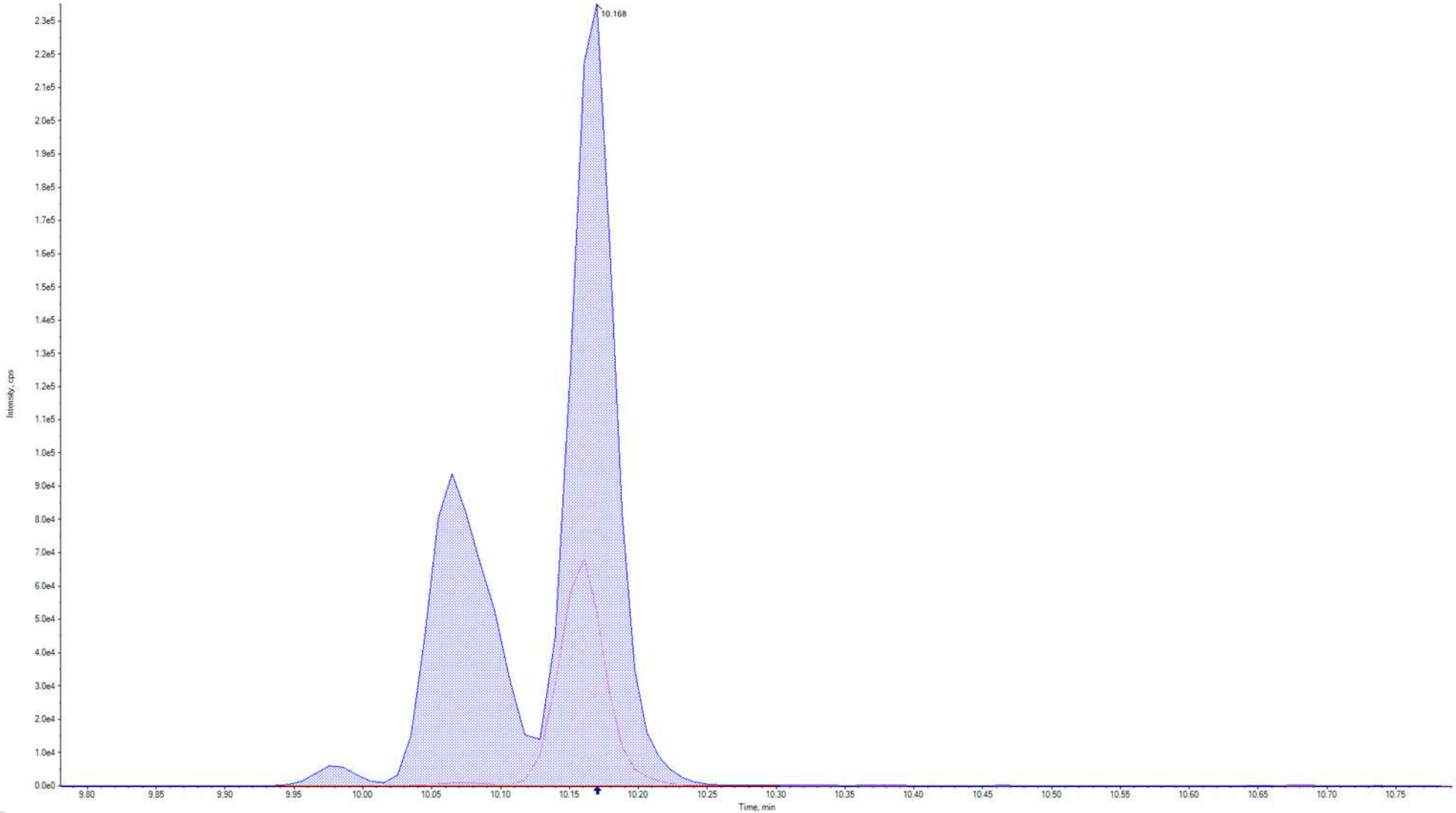
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PFOSA_2
Sample: WG1958909-4,TRS S/N:990.9 Points Across peak:120



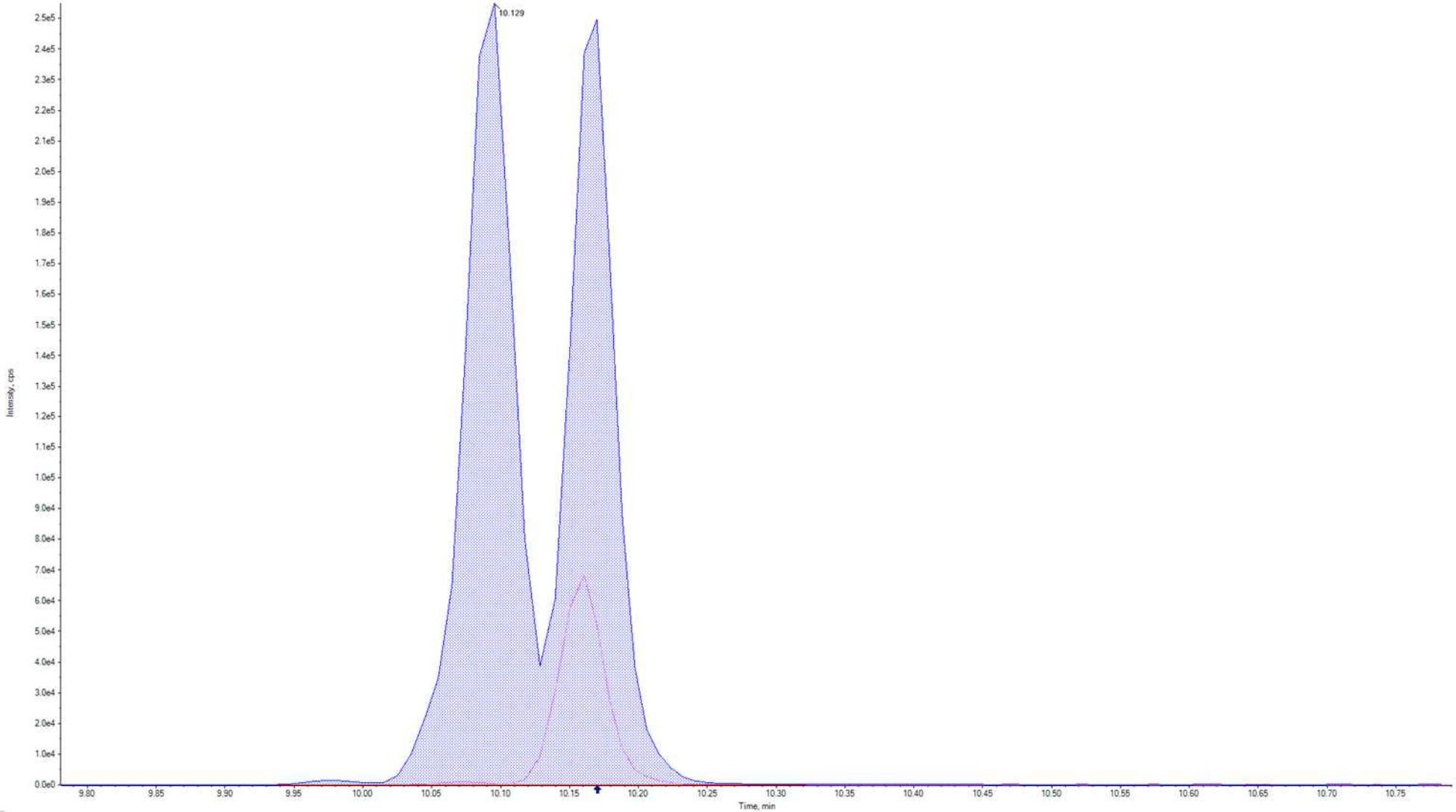
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NMeFOSA
Sample: WG1958909-4,TRS S/N:25795.5 Points Across peak:42



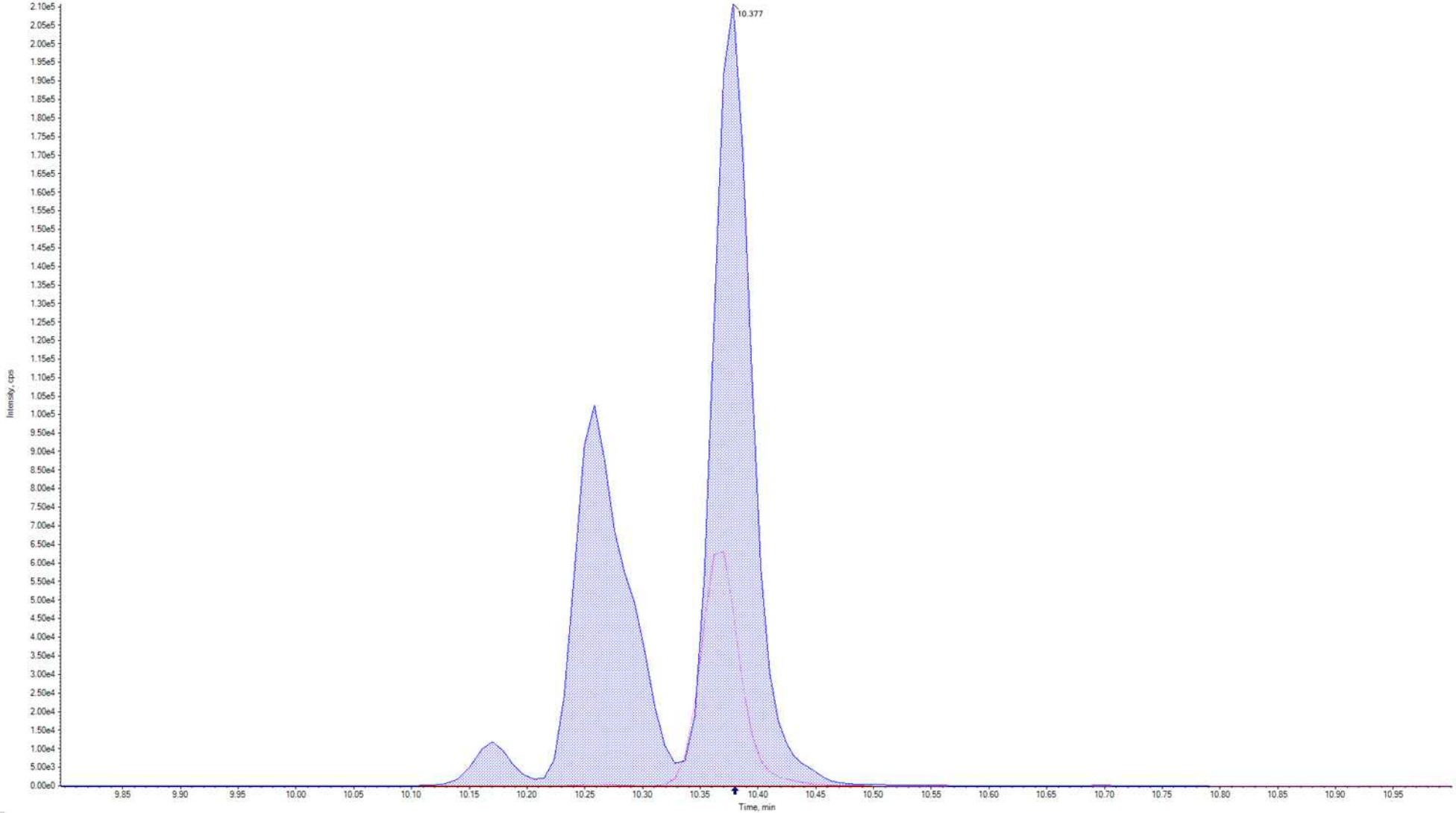
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NMeFOSA_2
Sample: WG1958909-4,TRS S/N:2694.7 Points Across peak:44



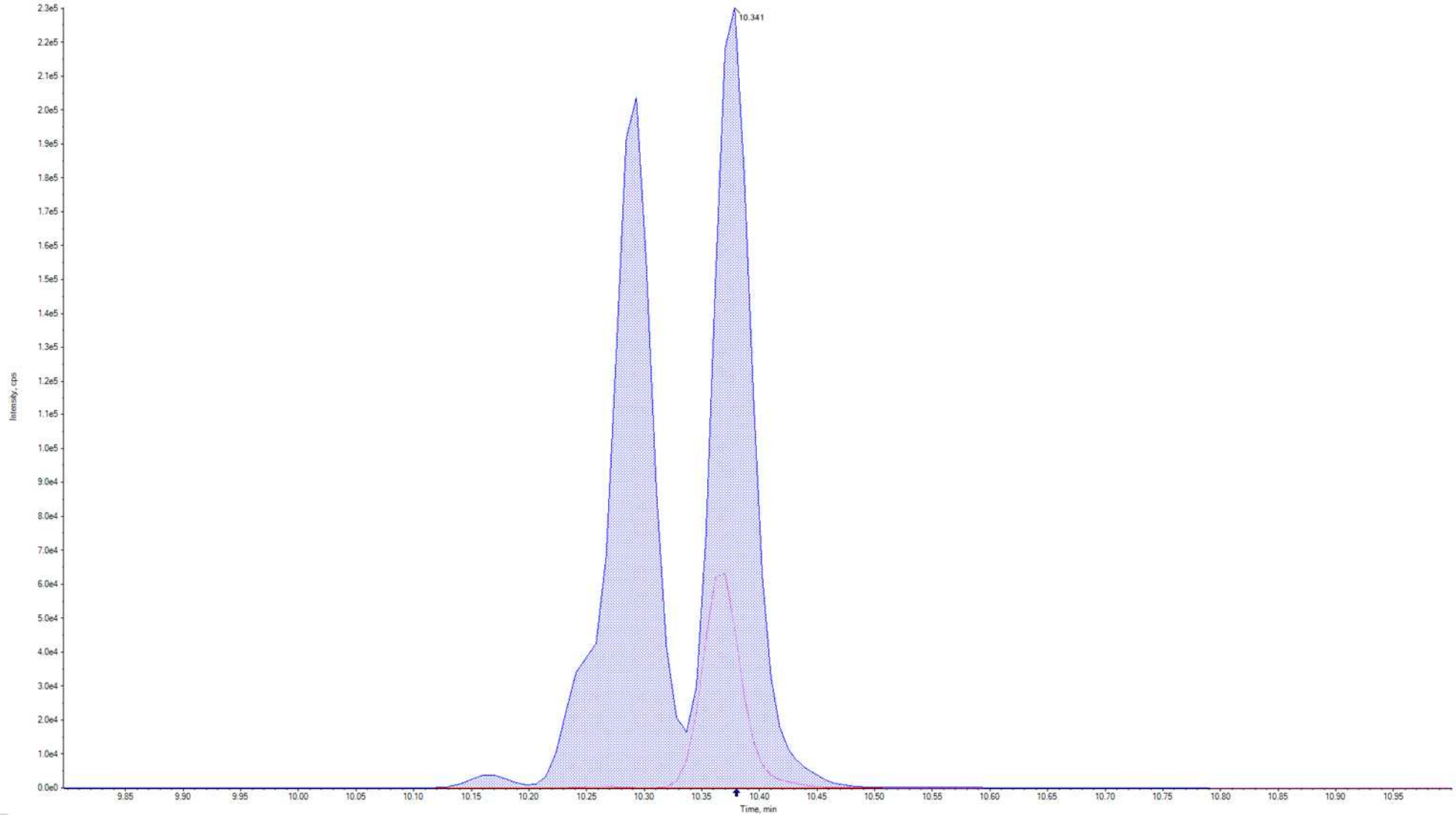
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NEtFOSA
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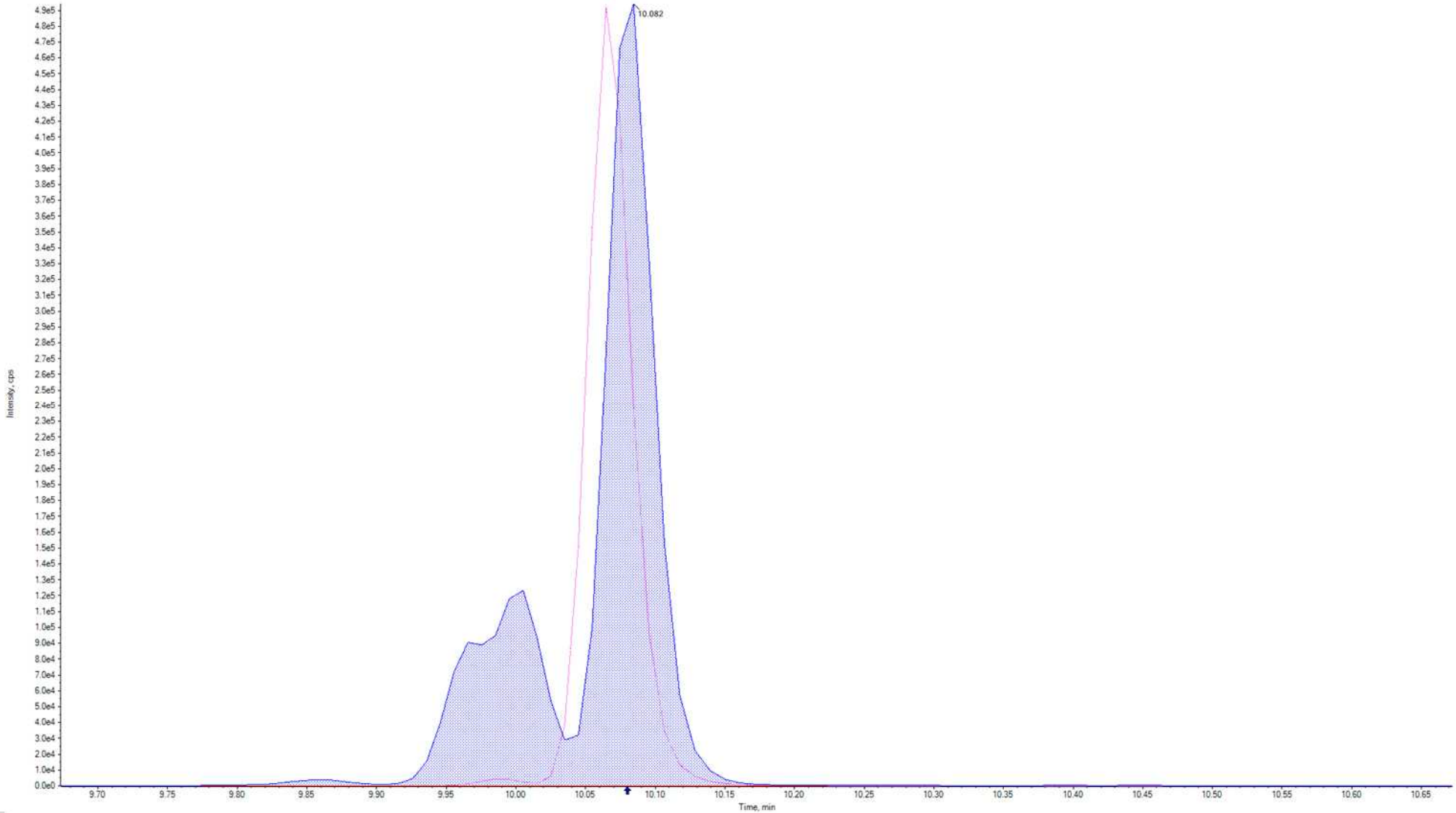
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NEtFOSA_2
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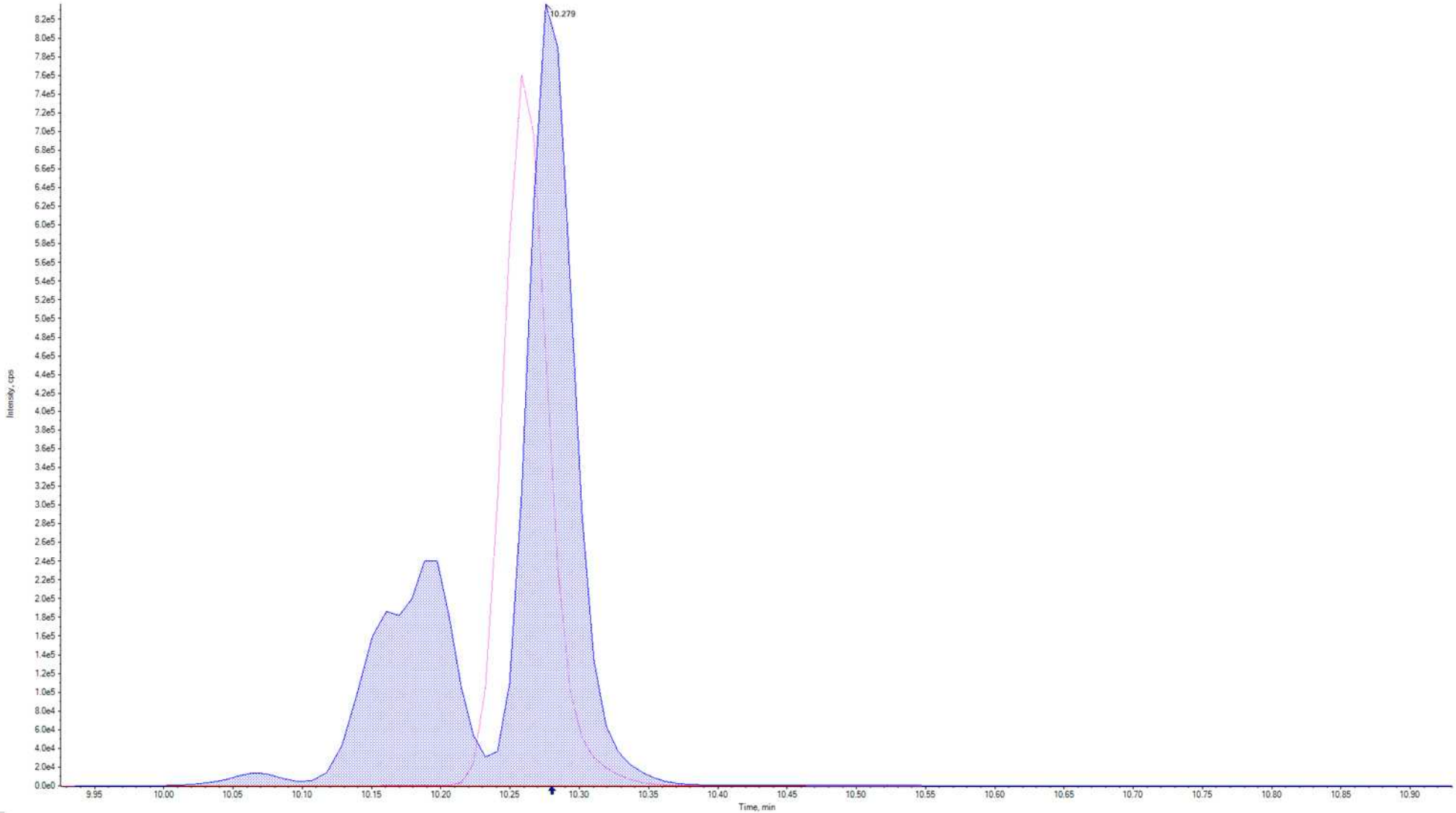
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NMeFOSE
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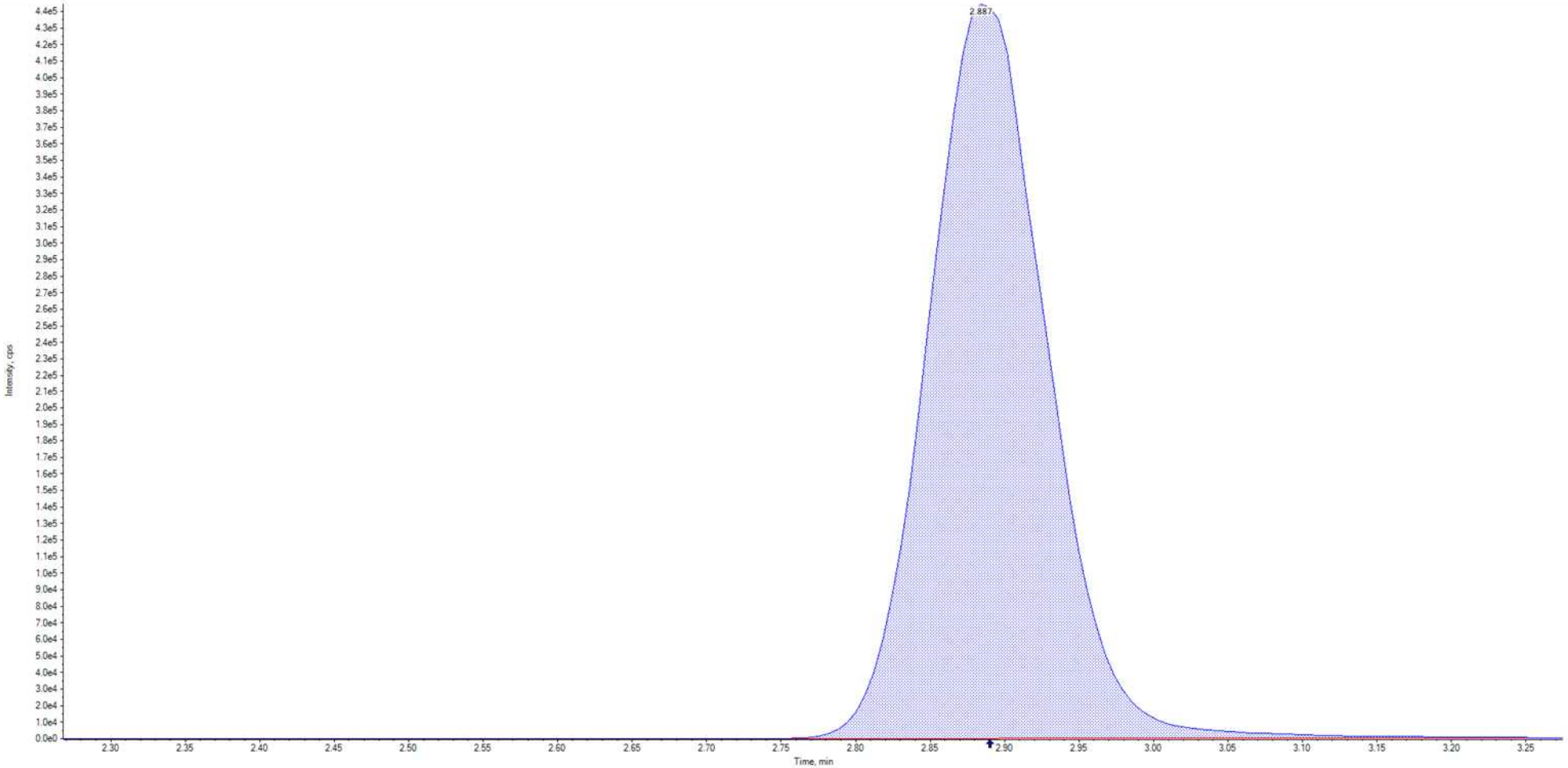
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NEtFOSE
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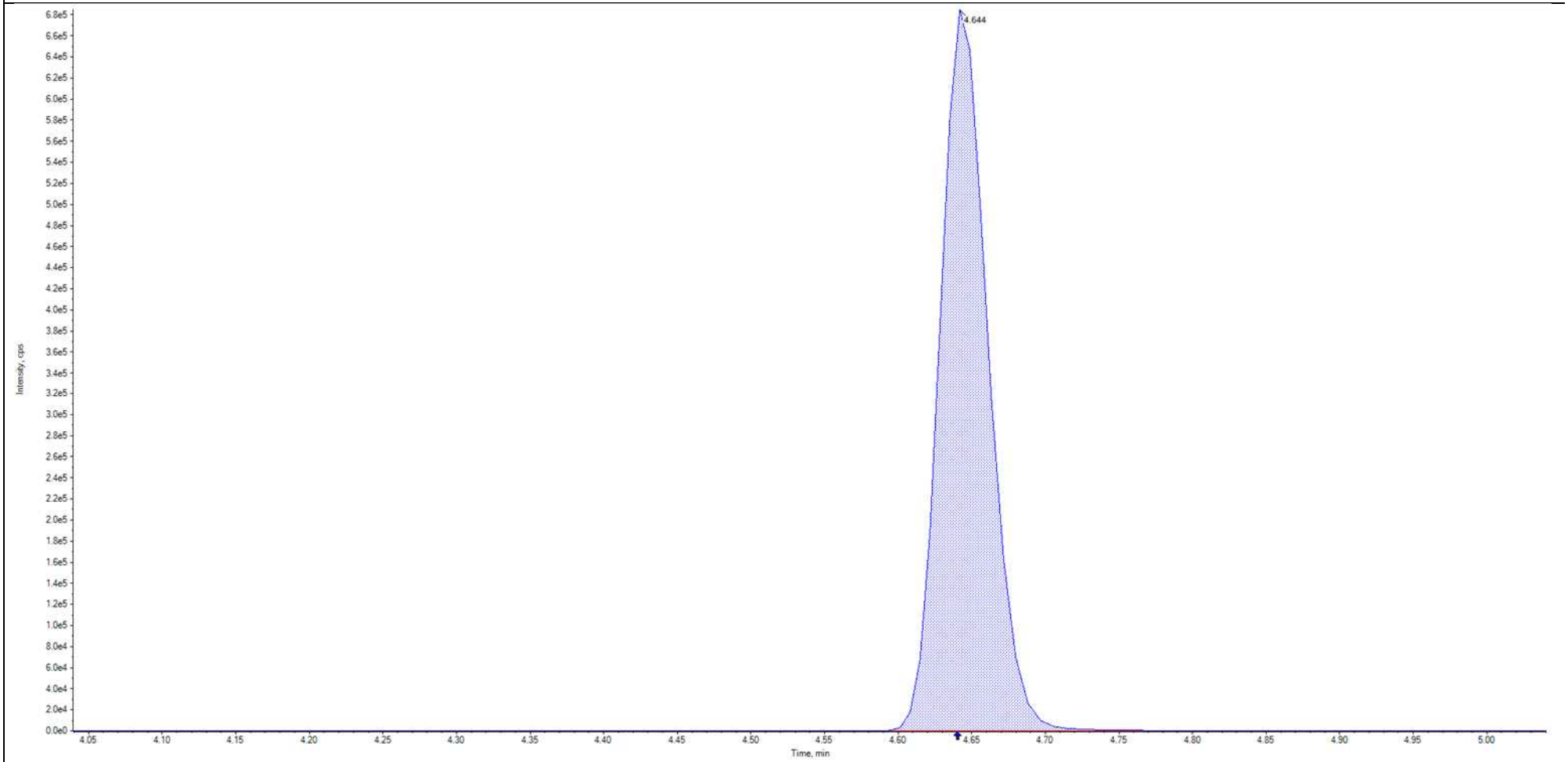
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13C4-PFBA
Sample: WG1958909-4,TRS

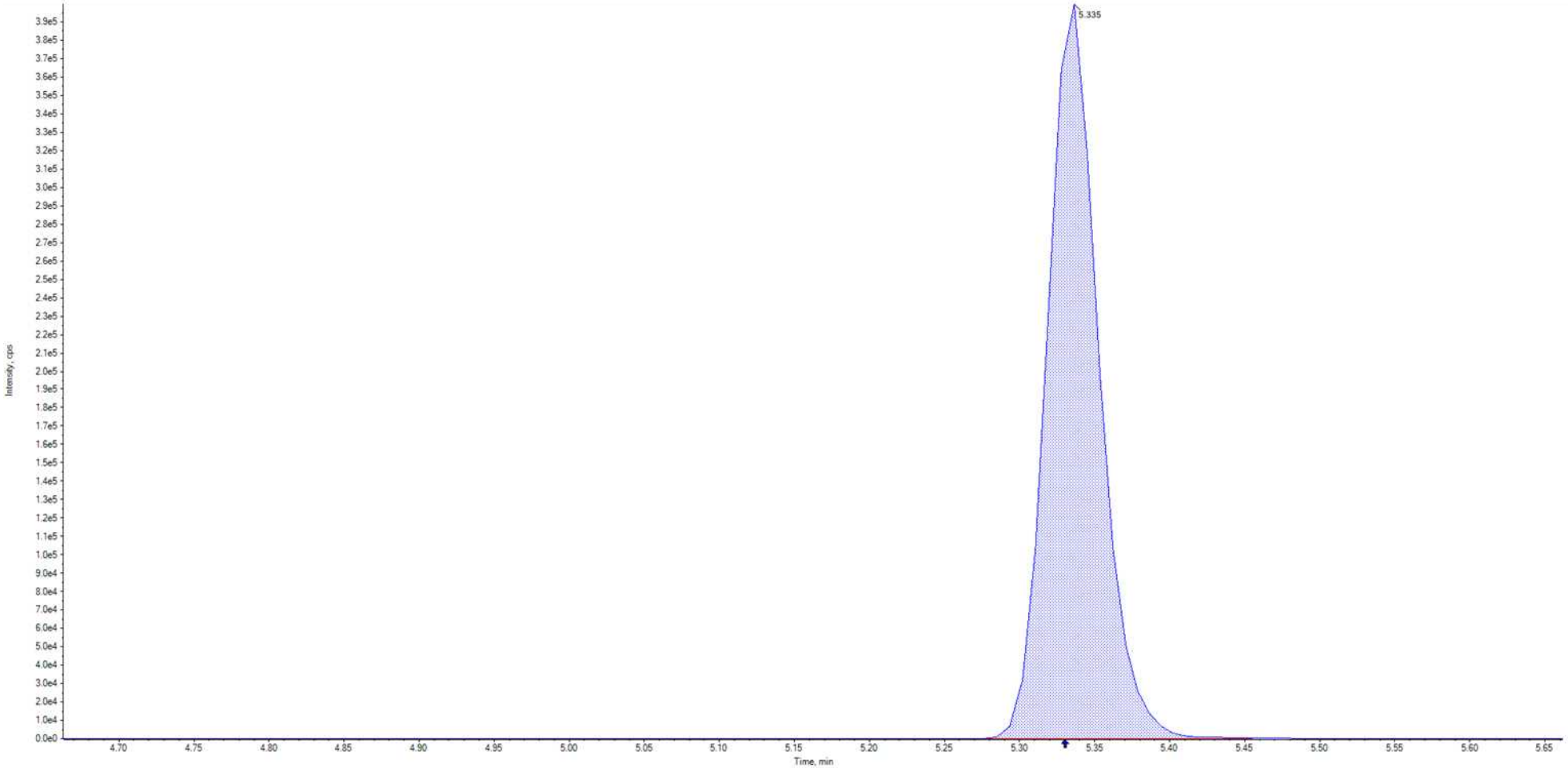


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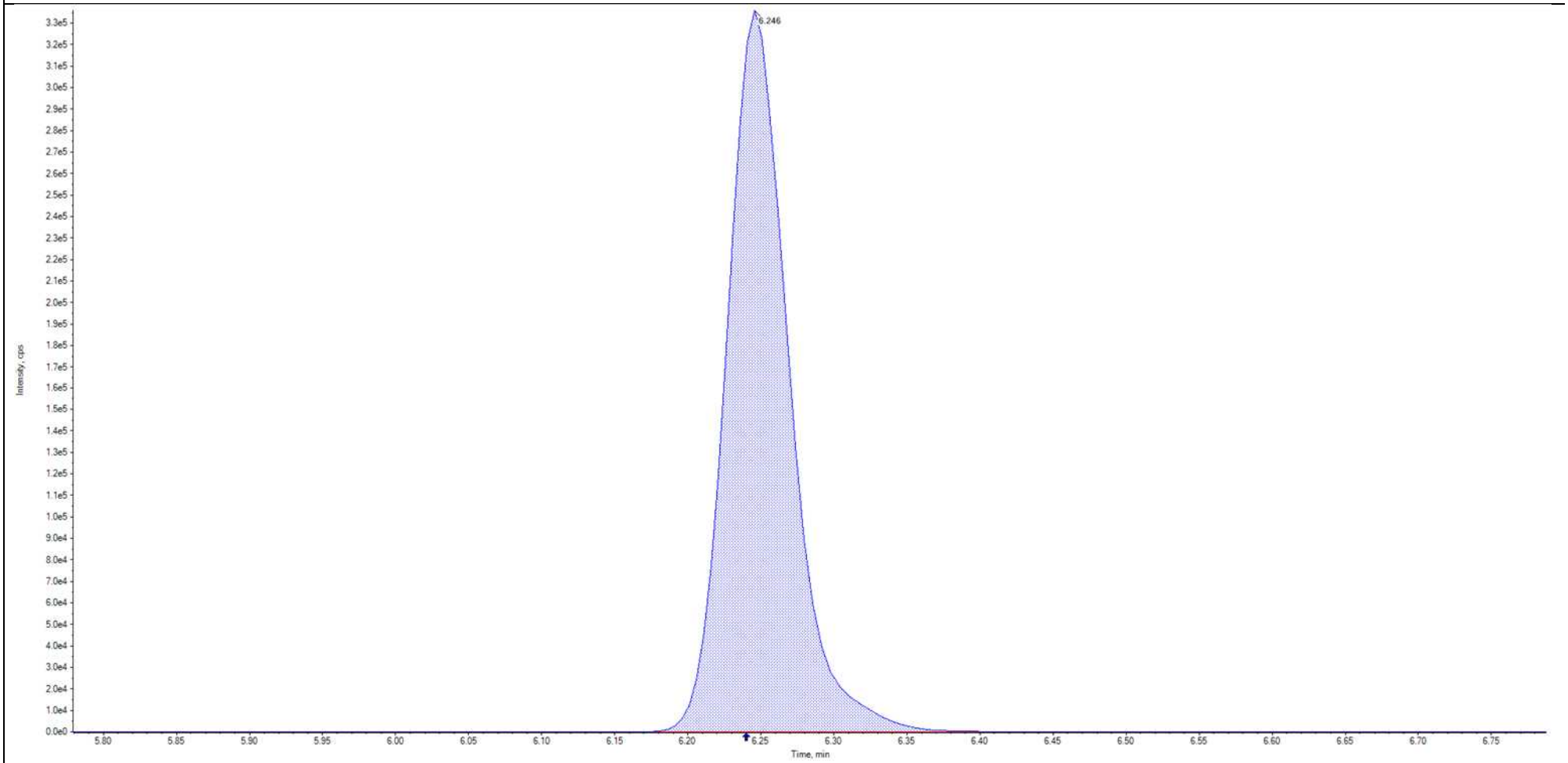
13C5-PFPeA
Sample: WG1958909-4,TRS



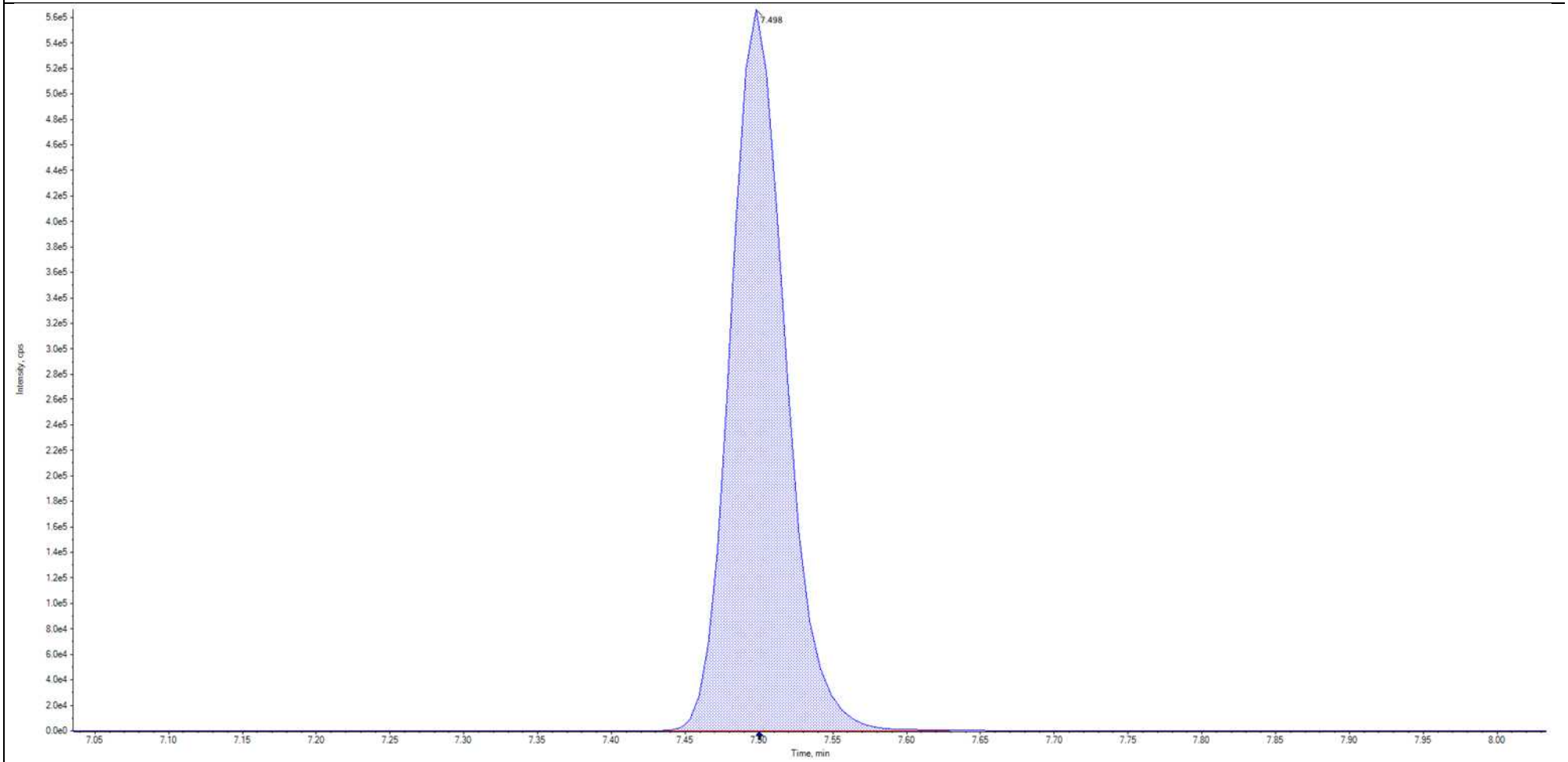
13C5-PFHxA
Sample: WG1958909-4,TRS



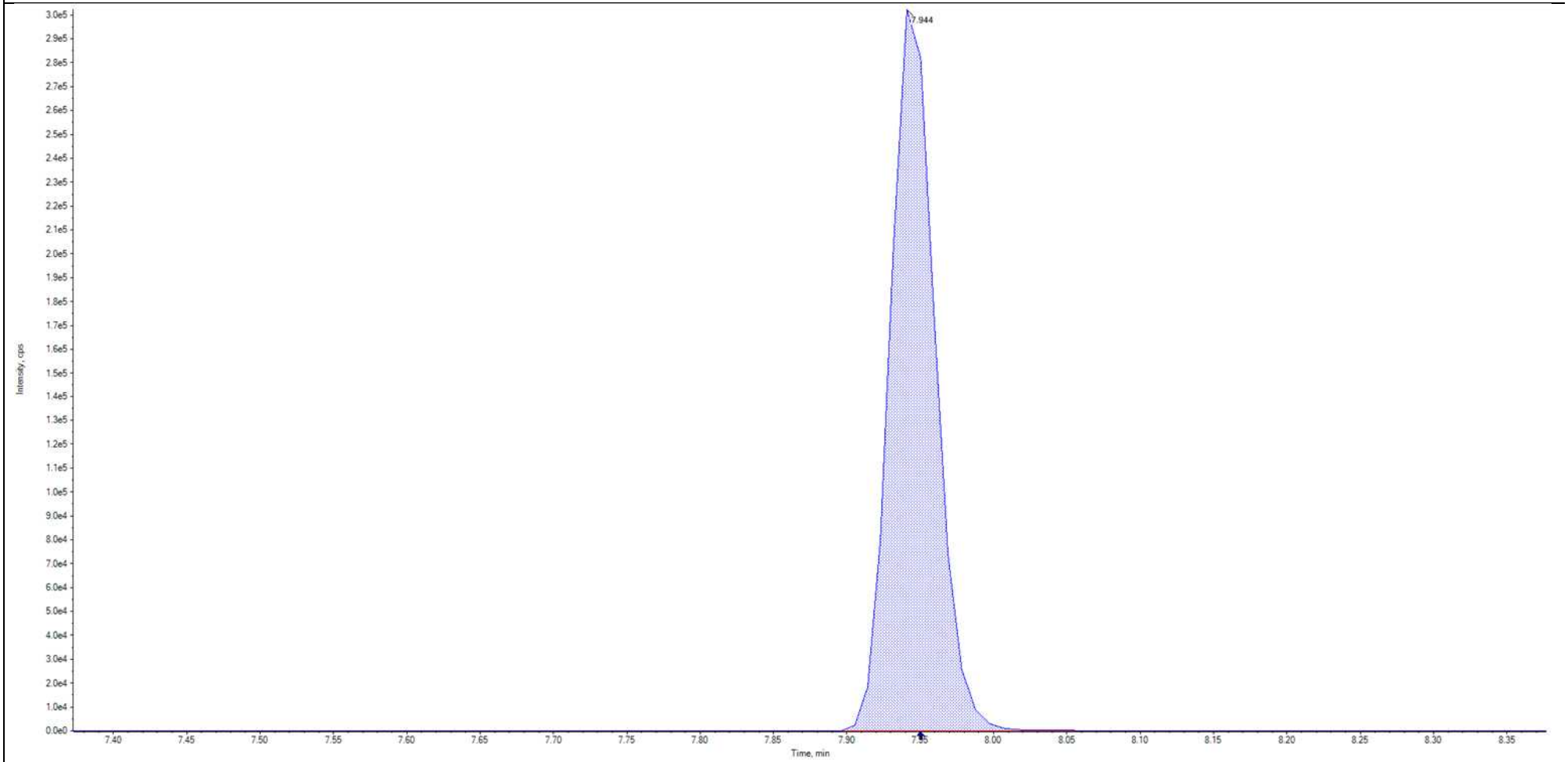
13C4-PFHpA
Sample: WG1958909-4,TRS



13C8-PFOA
Sample: WG1958909-4,TRS

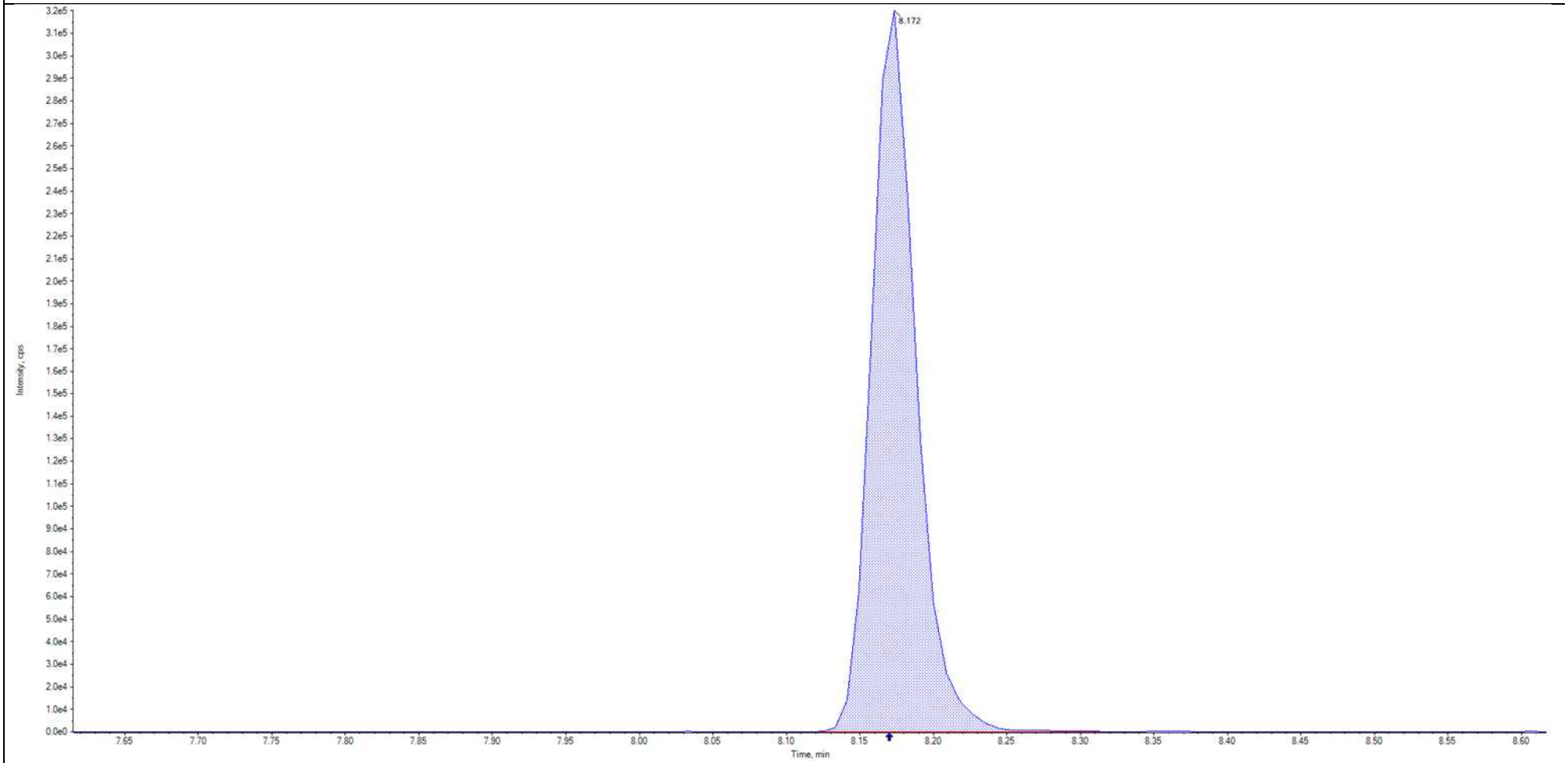


13C9-PFNA
Sample: WG1958909-4,TRS



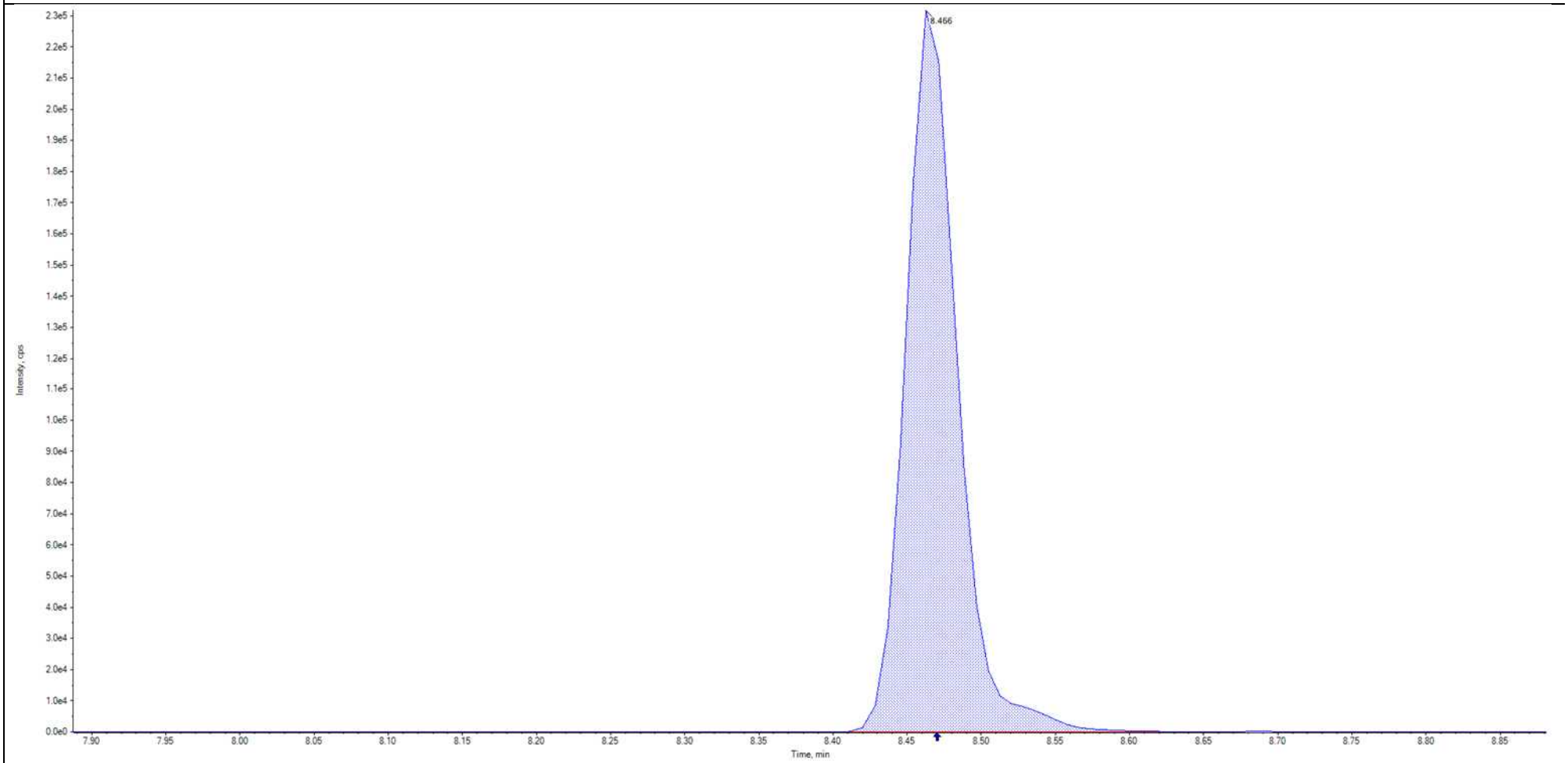
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13C6-PFDA
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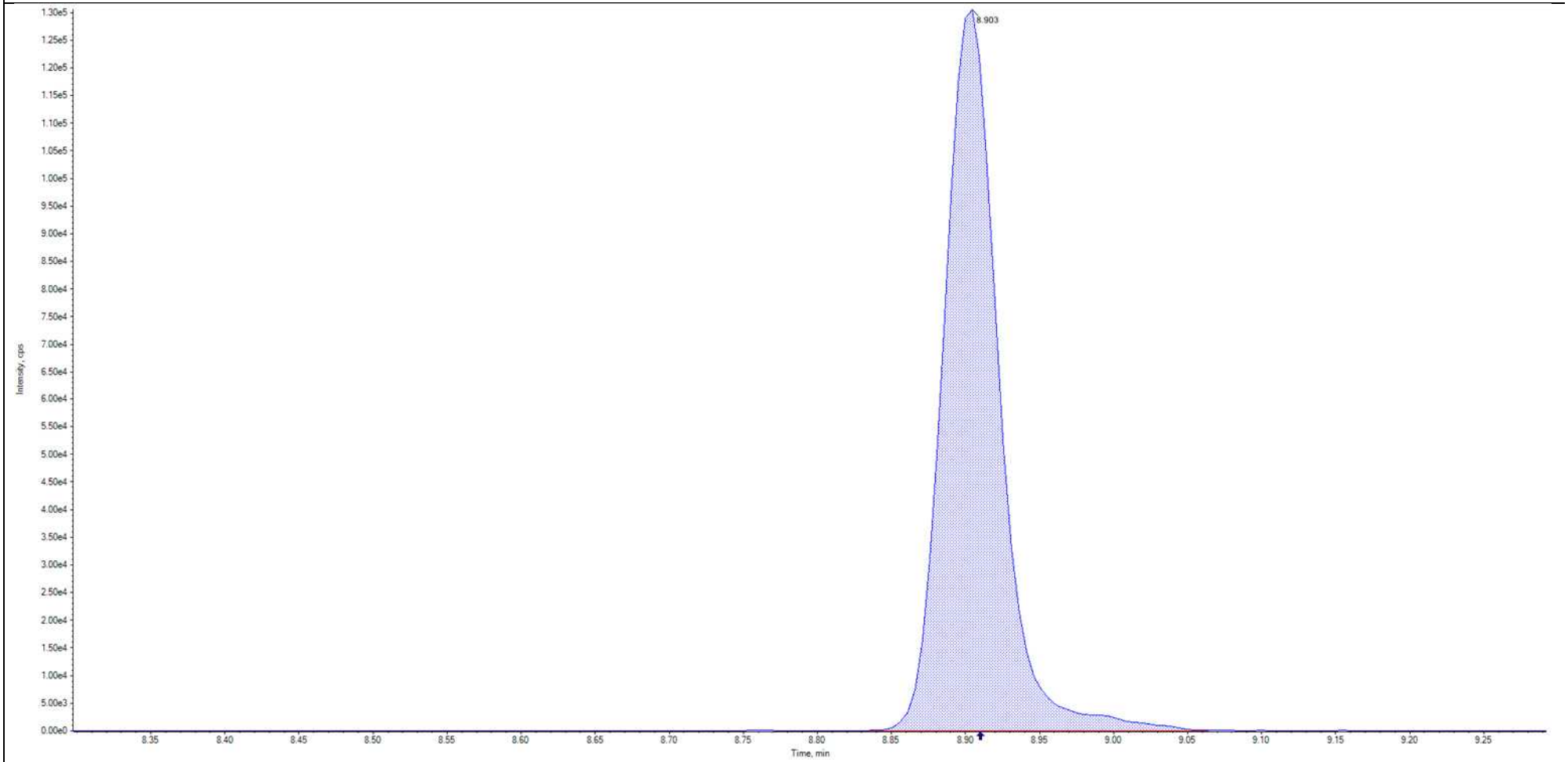


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13C7-PFUnA
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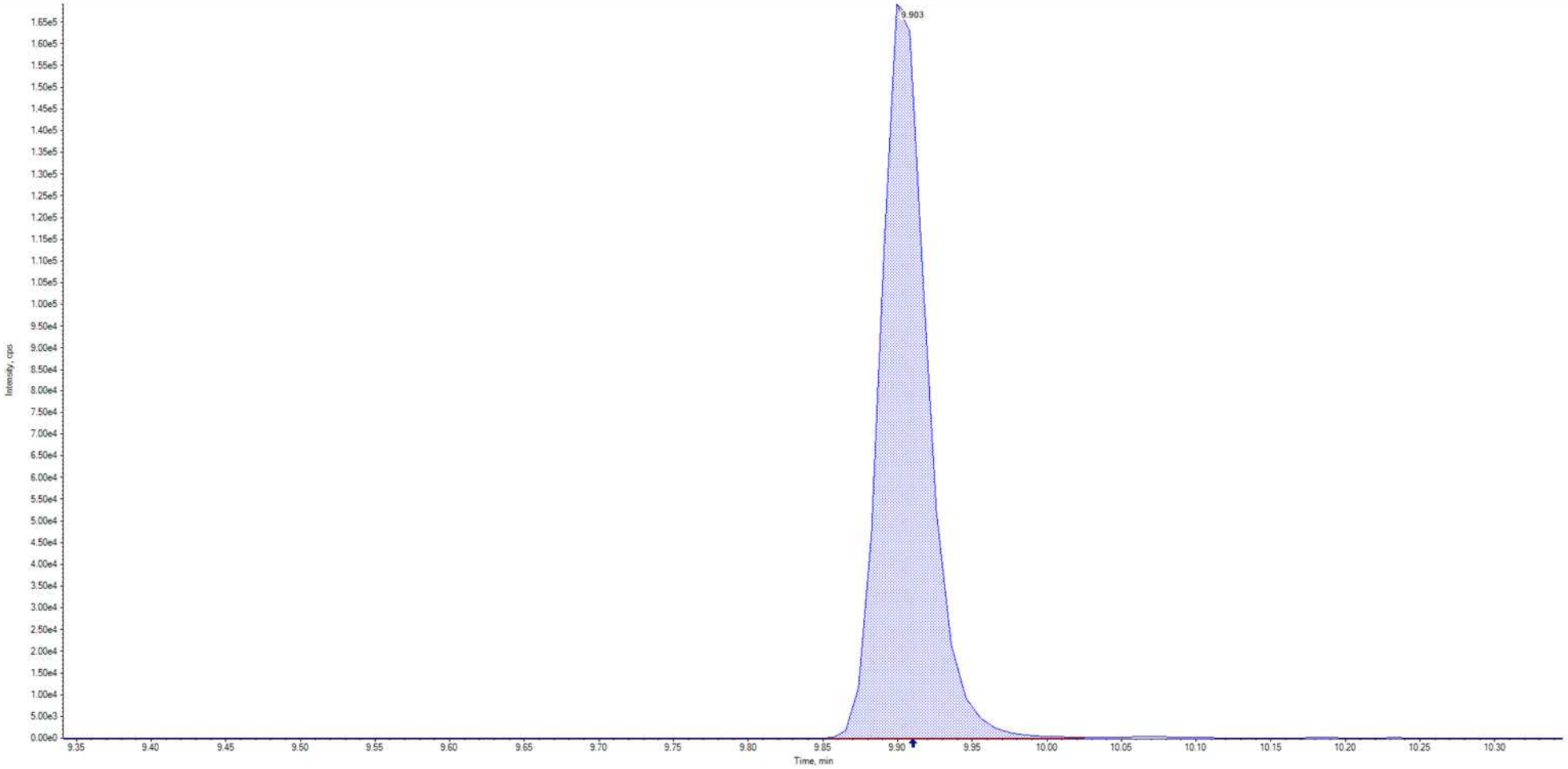


13C2-PFDoA
Sample: WG1958909-4,TRS

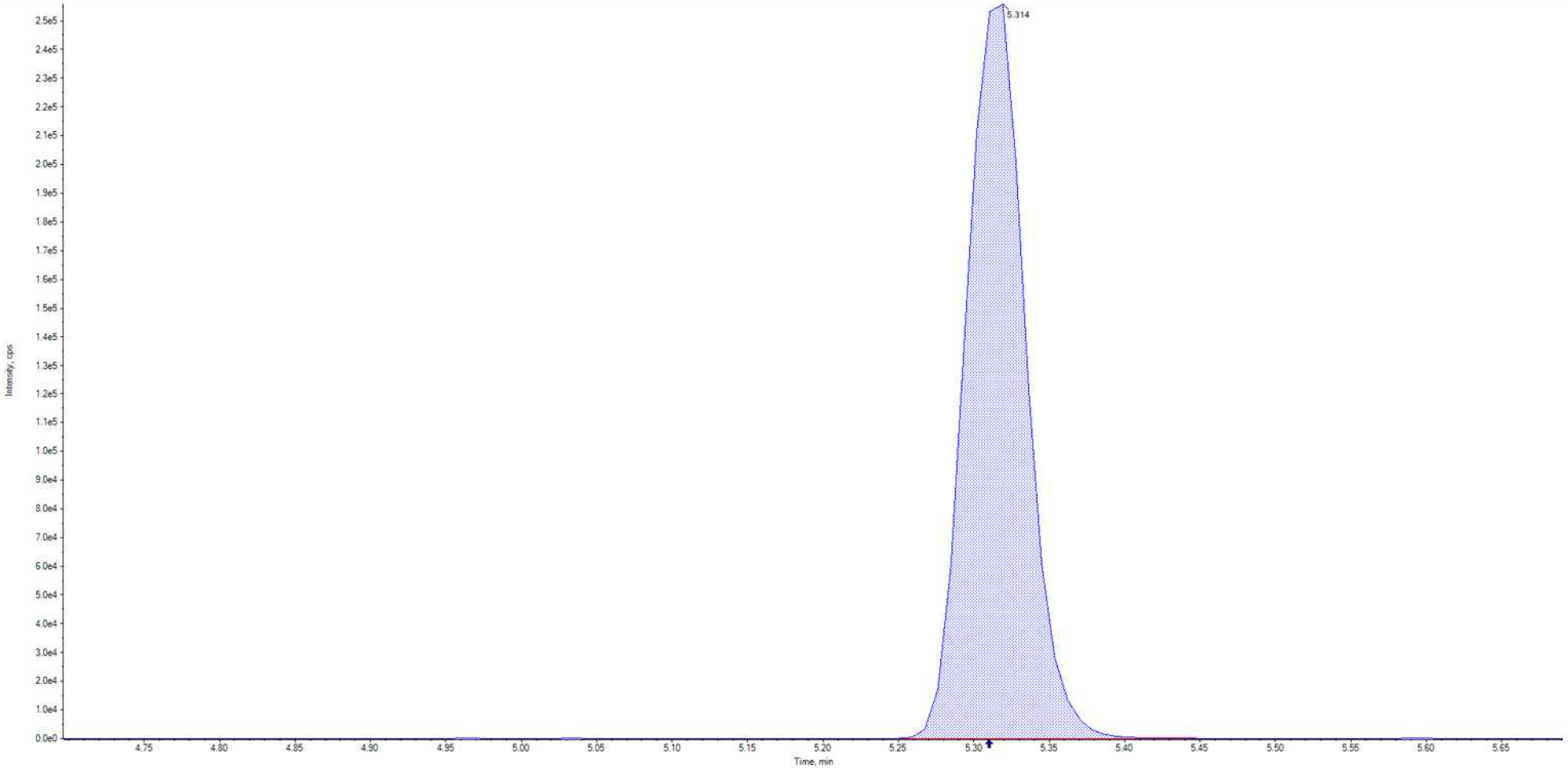


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C2-PFTeDA
Sample: WG1958909-4,TRS

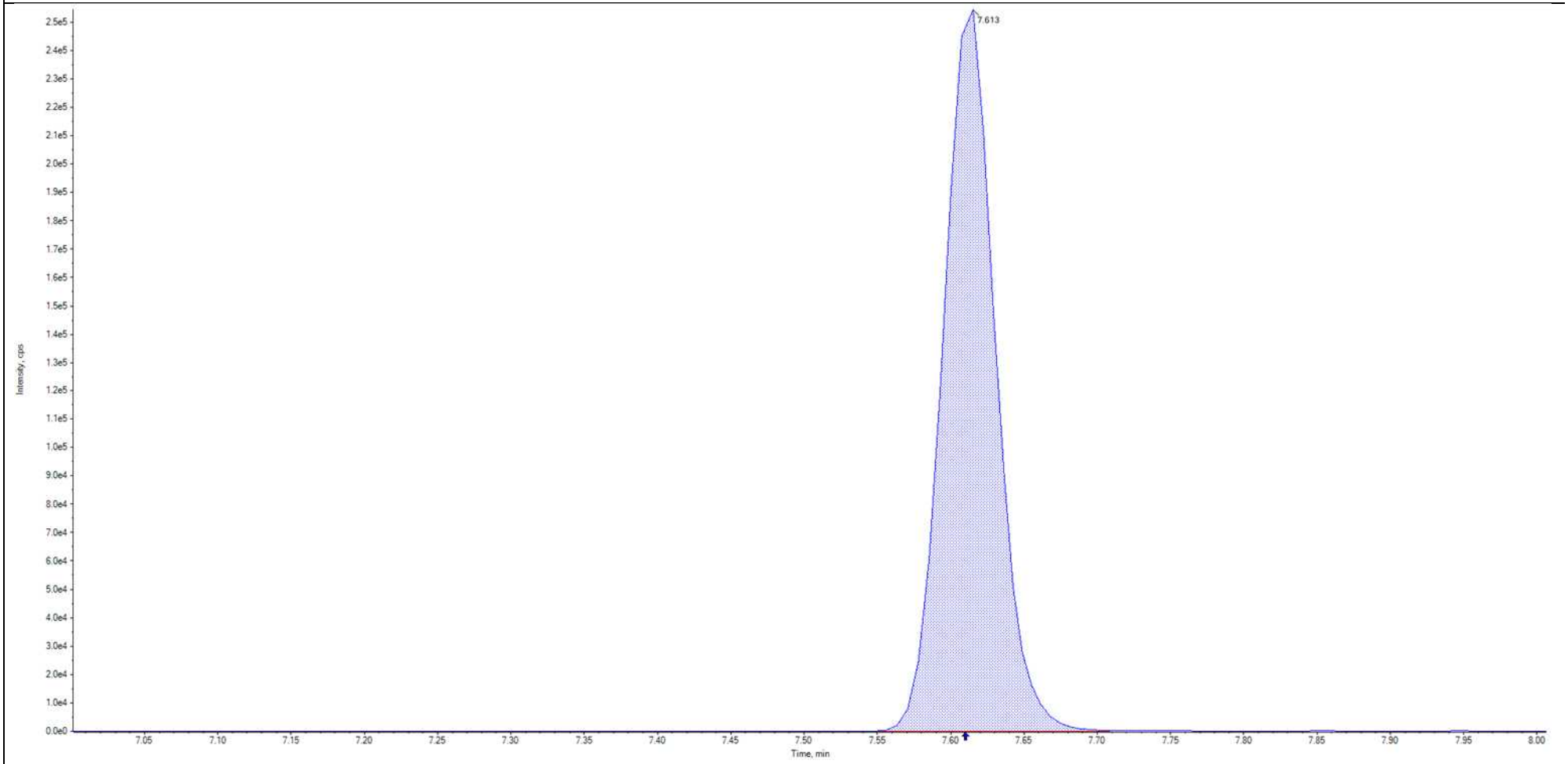


13C3-PFBS
Sample: WG1958909-4,TRS

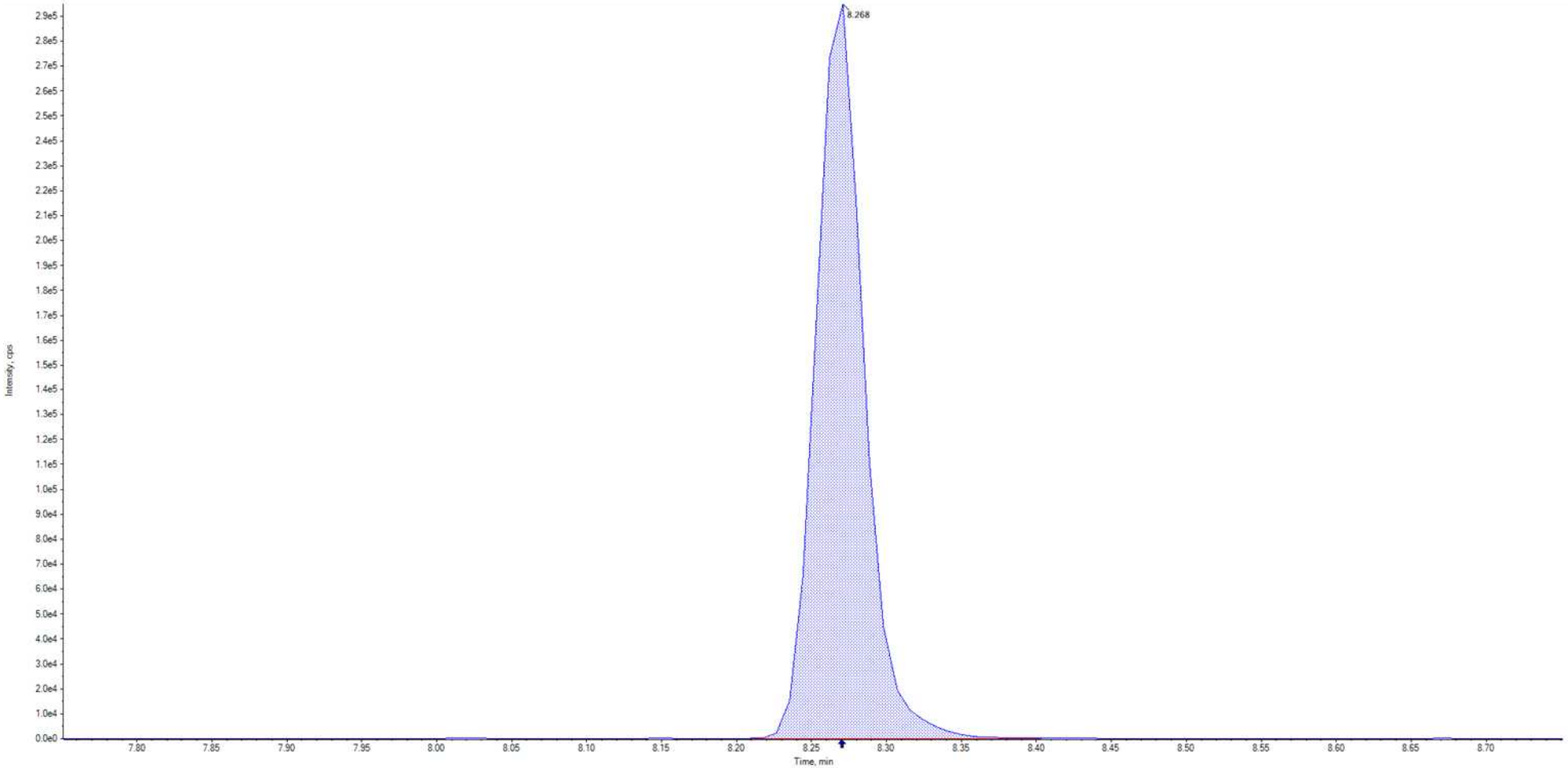


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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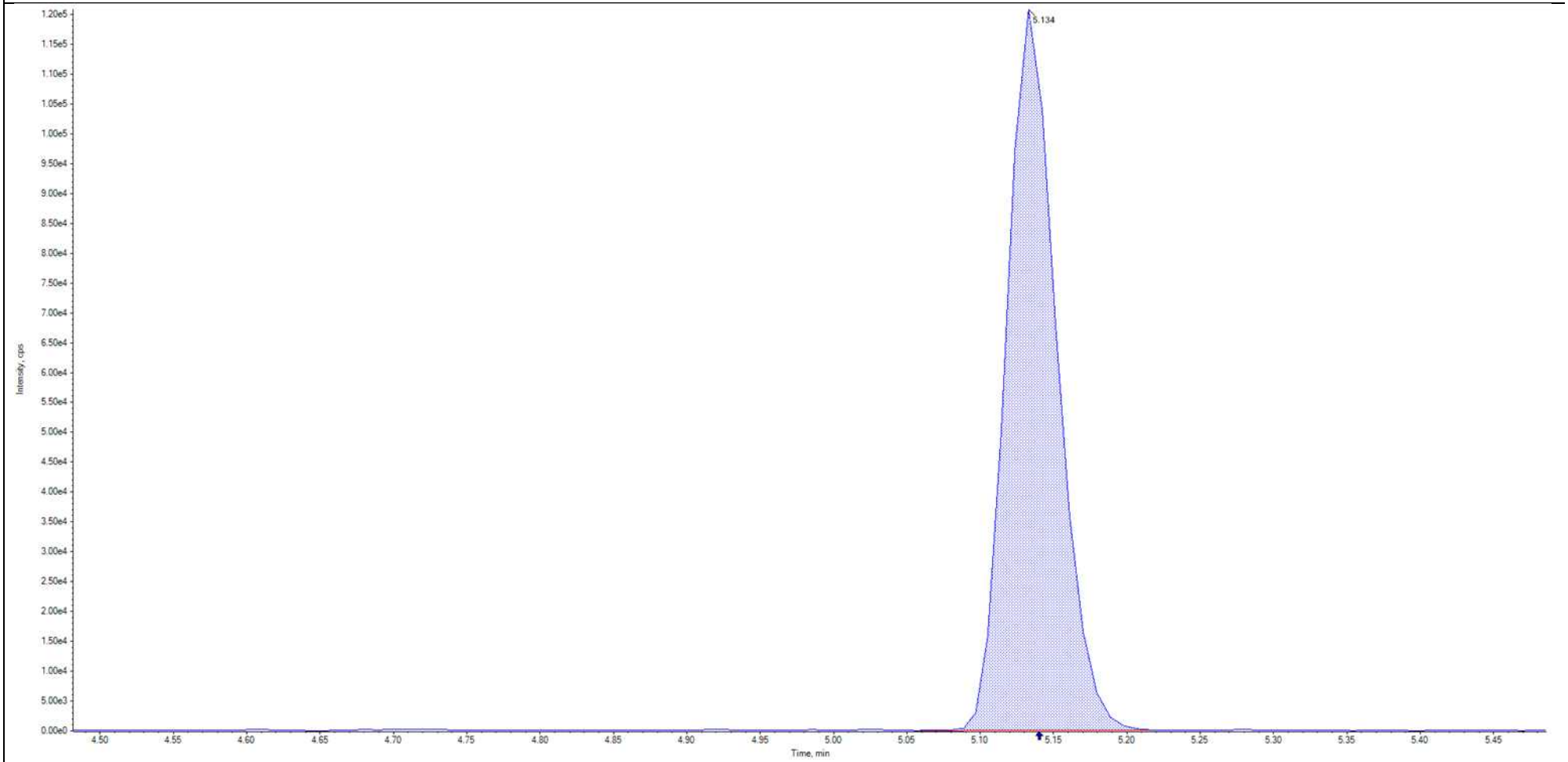
13C3-PFHxS
Sample: WG1958909-4,TRS



13C8-PFOS
Sample: WG1958909-4,TRS

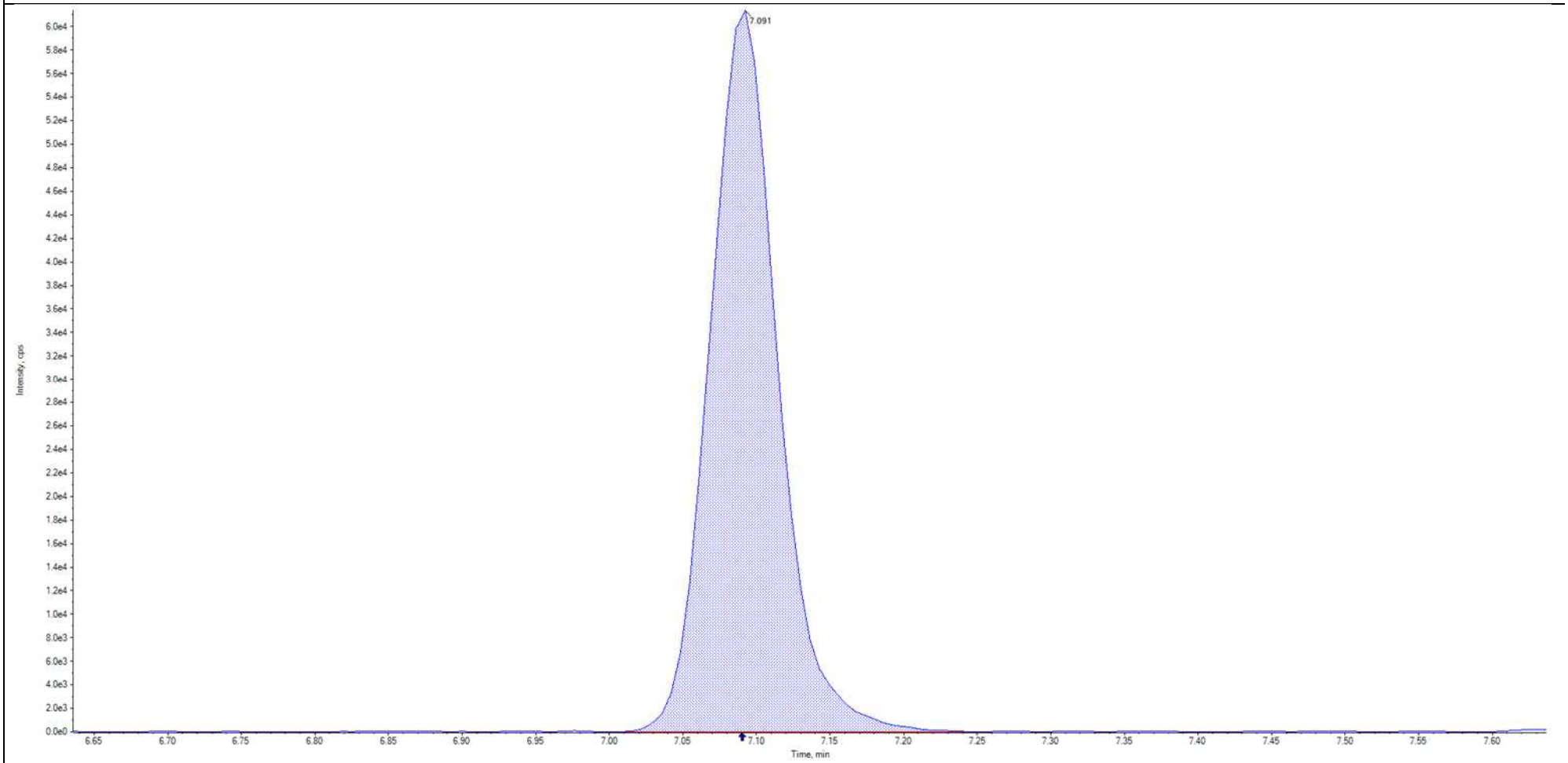


13C2-4:2FTS
Sample: WG1958909-4,TRS



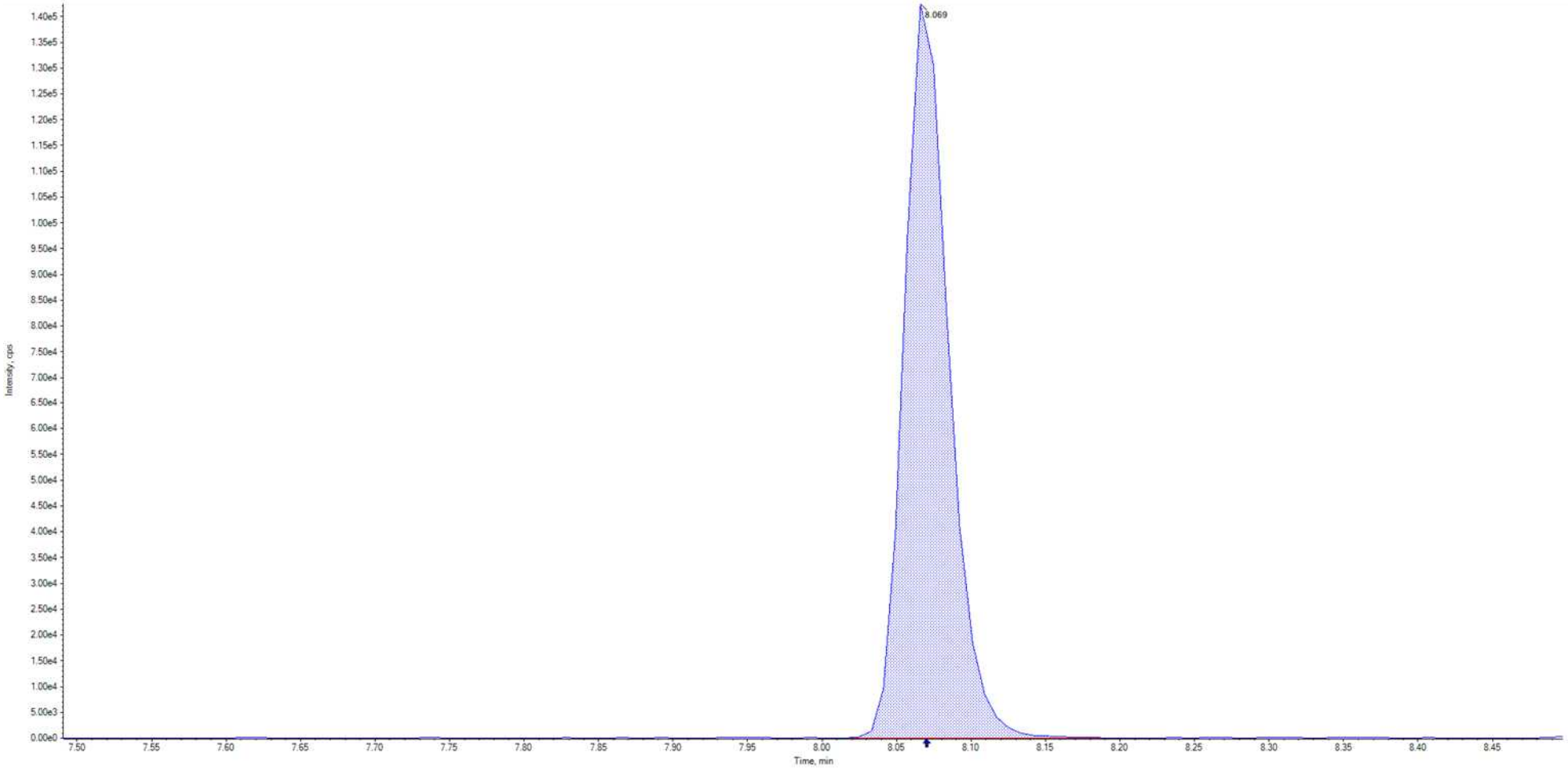
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C2-6:2FTS
Sample: WG1958909-4,TRS

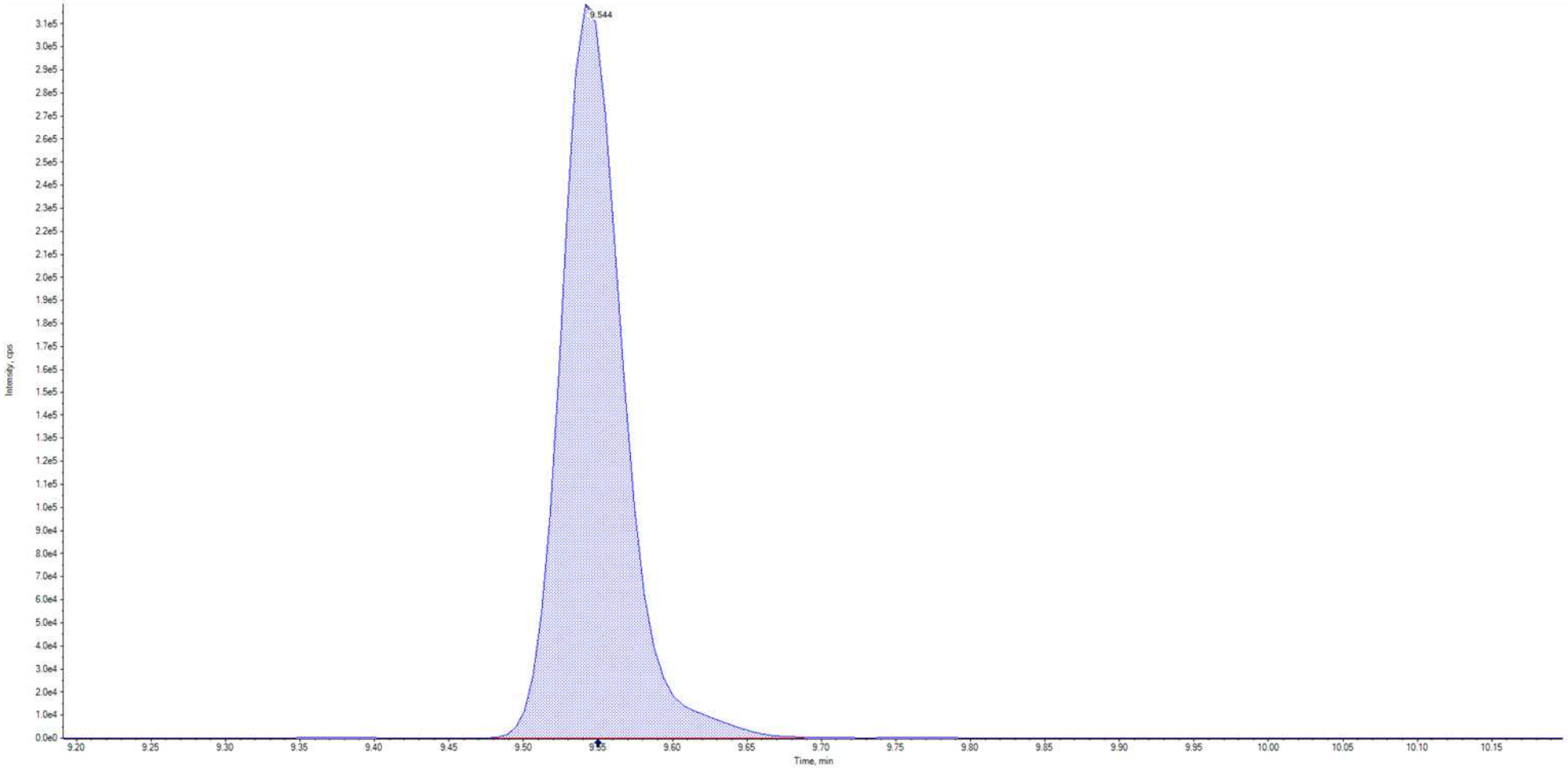


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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Last Altered: 8/14/2024 9:55:24 AM
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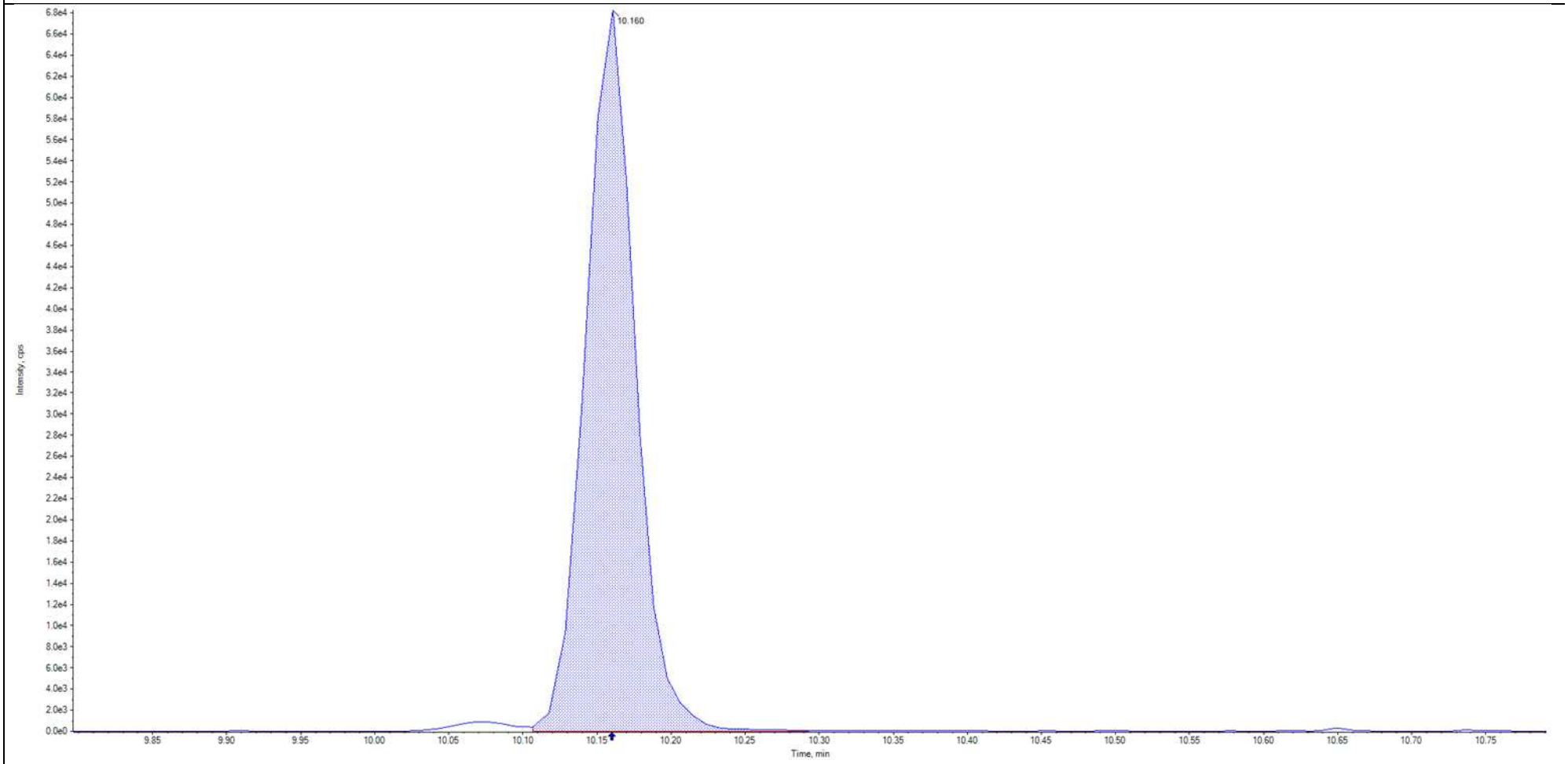
13C2-8:2FTS
Sample: WG1958909-4,TRS



13C8-PFOSA
Sample: WG1958909-4,TRS

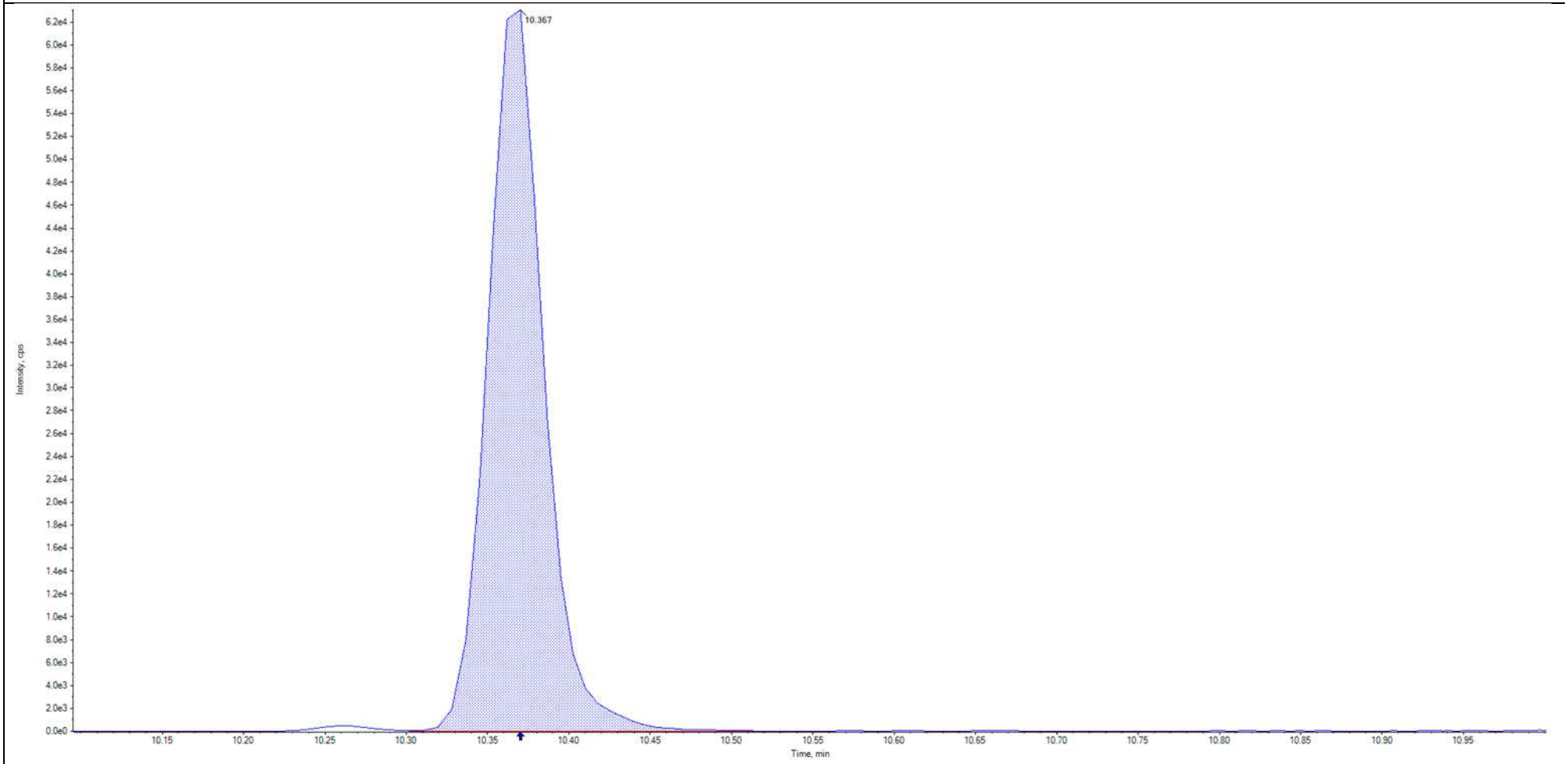


d3-NMeFOSA
Sample: WG1958909-4,TRS

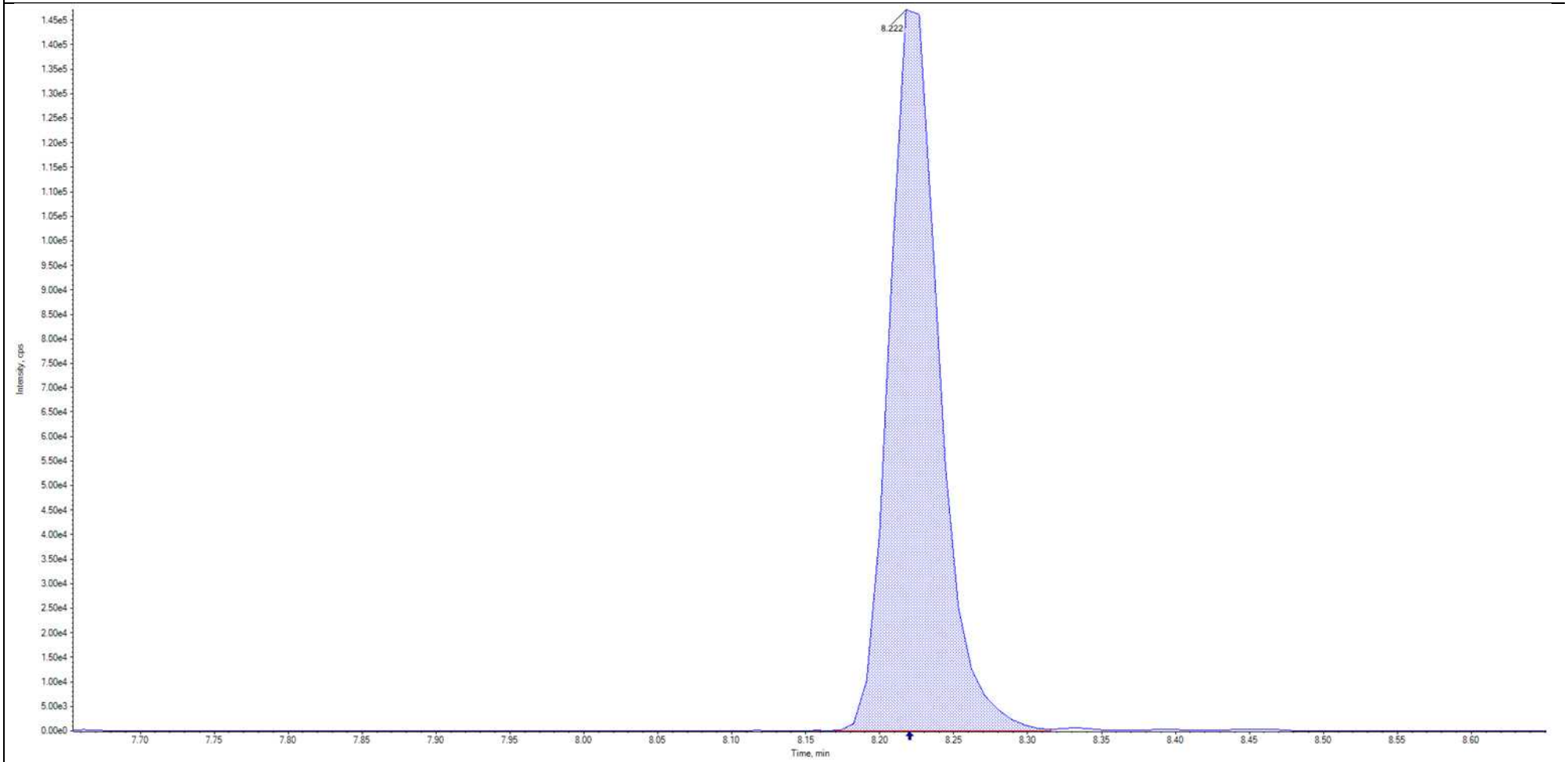


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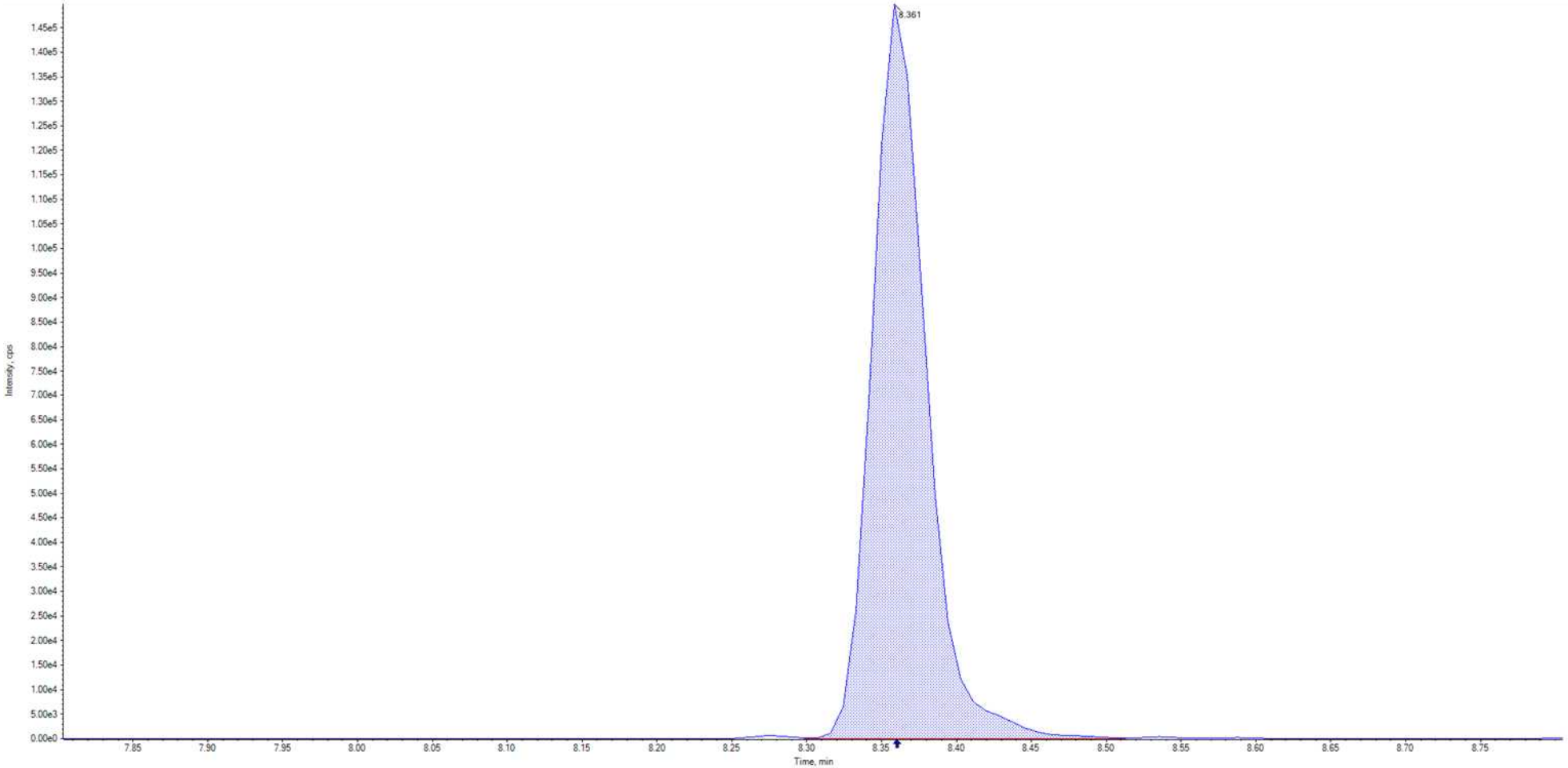
d5-NEtFOSA
Sample: WG1958909-4,TRS



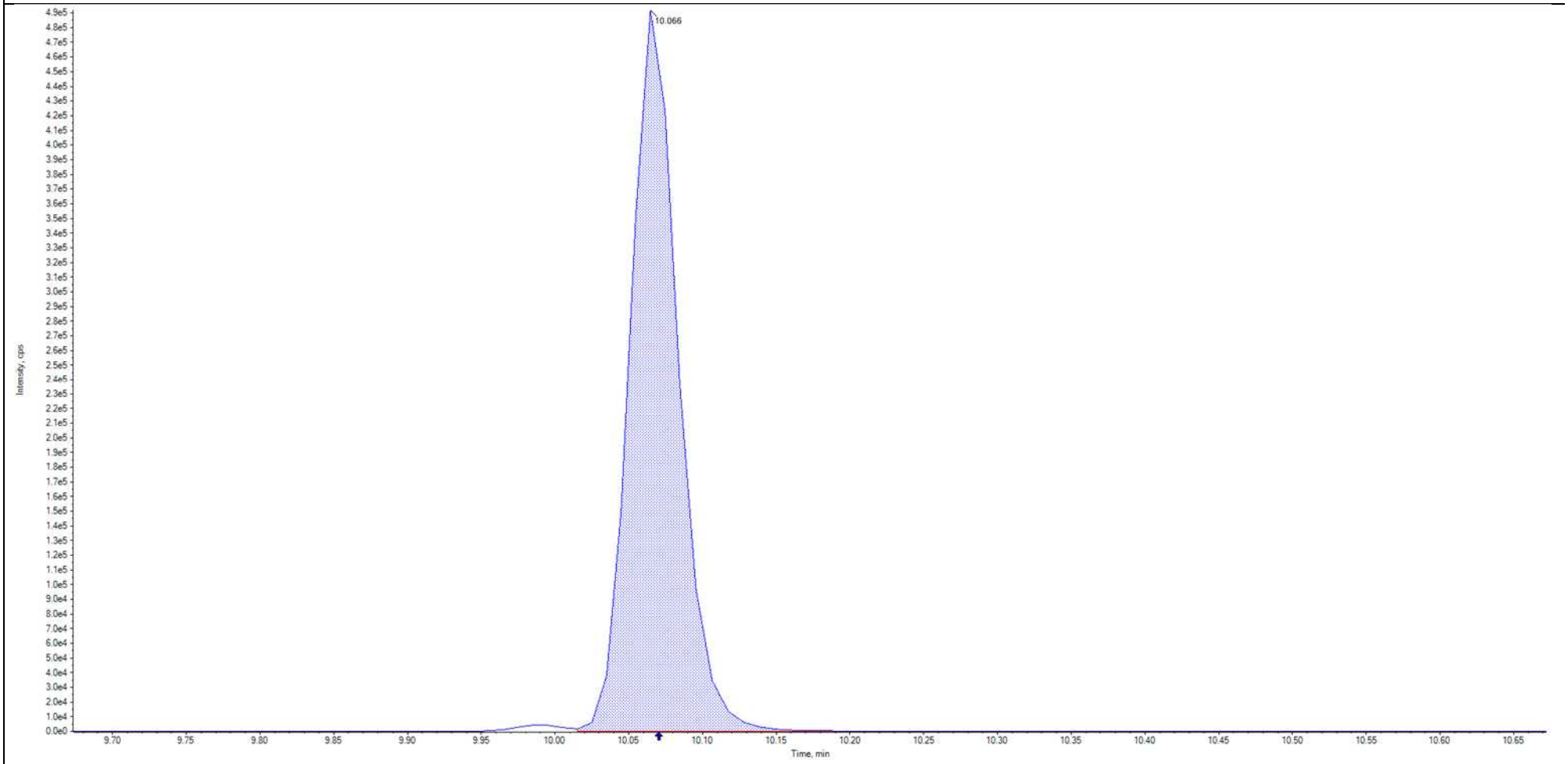
d3-NMeFOSAA
Sample: WG1958909-4,TRS



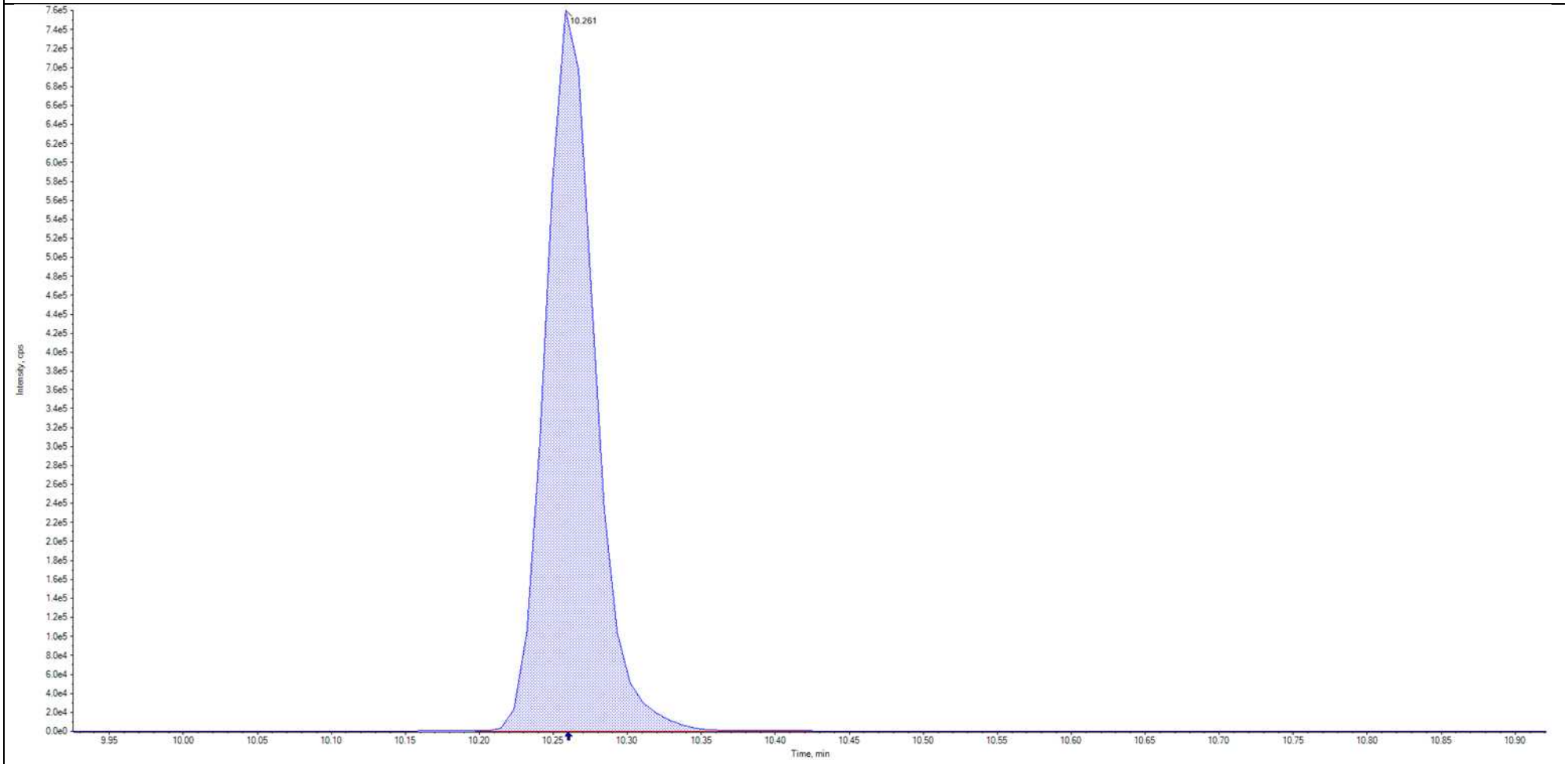
d5-NEtFOSAA
Sample: WG1958909-4,TRS



d7-NMeFOSE
Sample: WG1958909-4,TRS

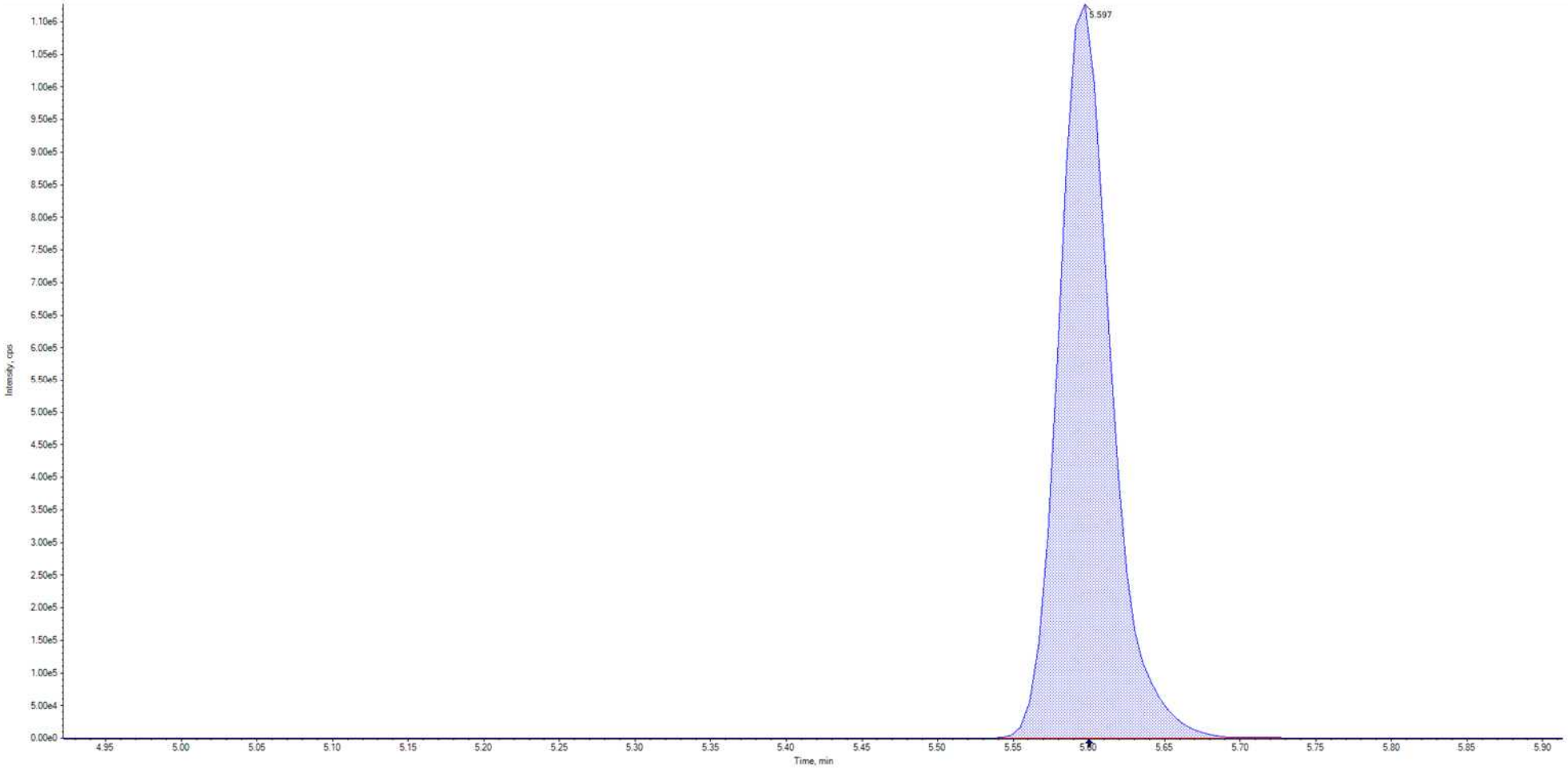


d9-NEtFOSE
Sample: WG1958909-4,TRS

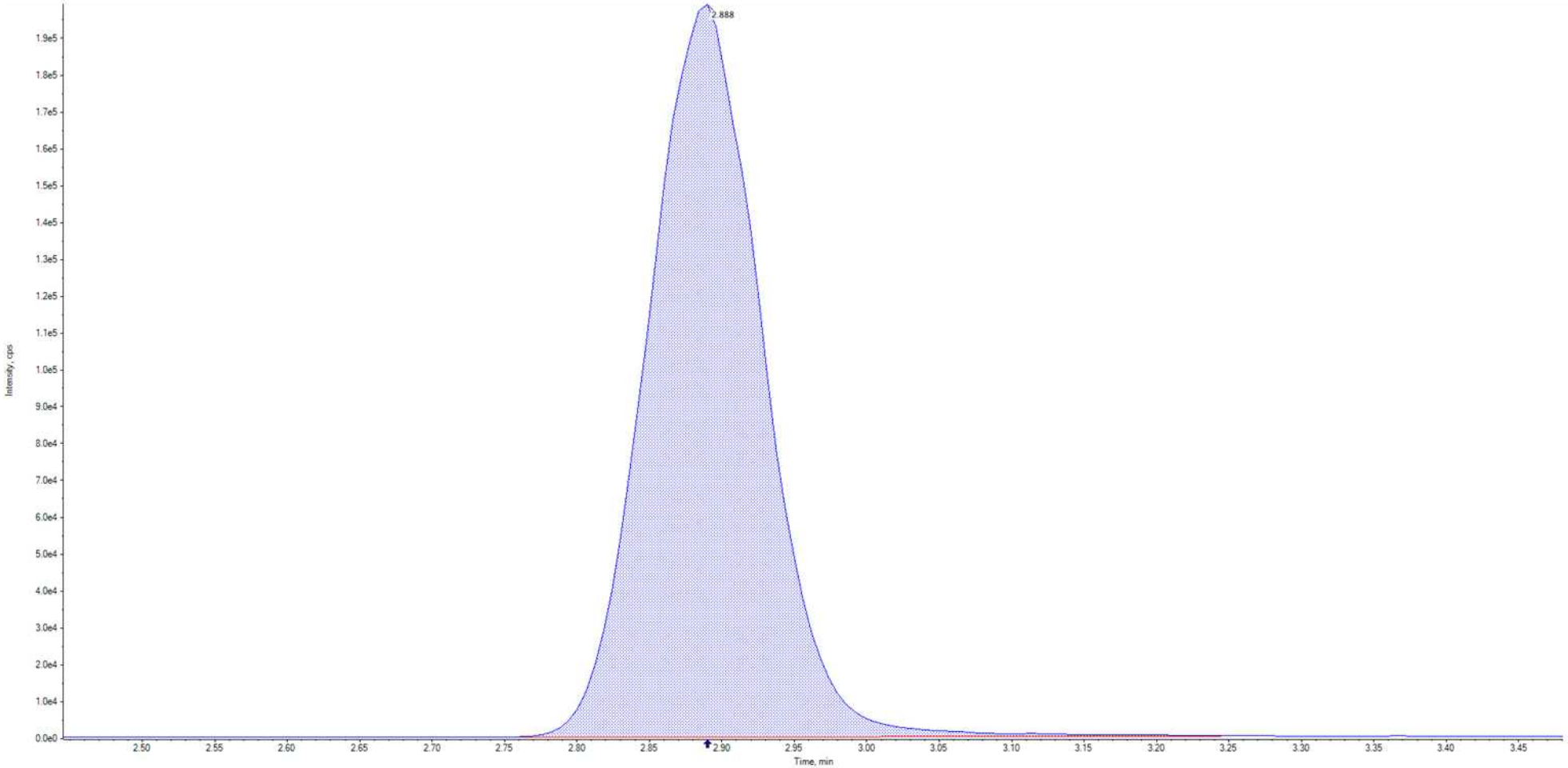


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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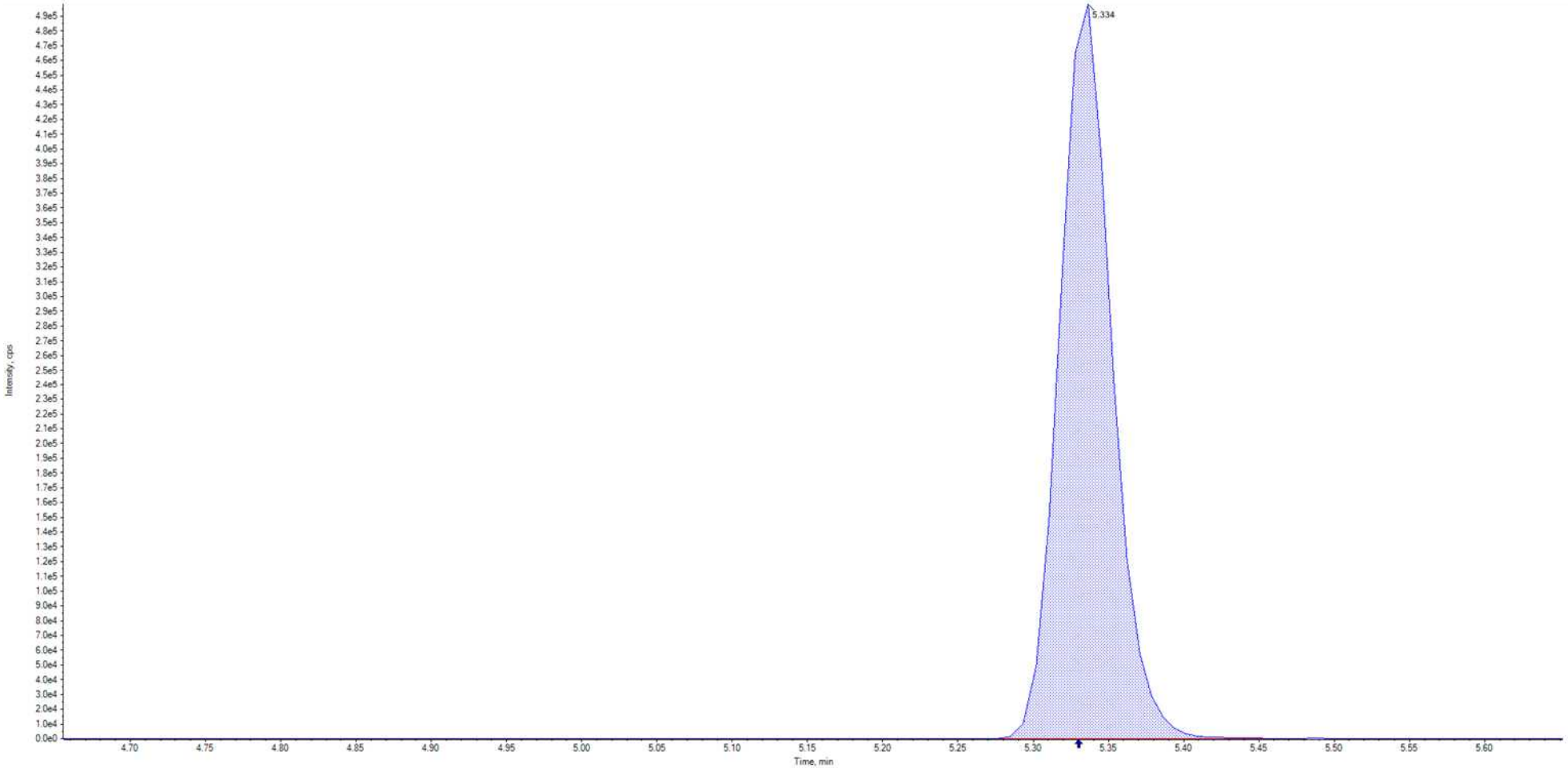
13C3-HFPO-DA
Sample: WG1958909-4,TRS



13C3-PFBA
Sample: WG1958909-4,TRS

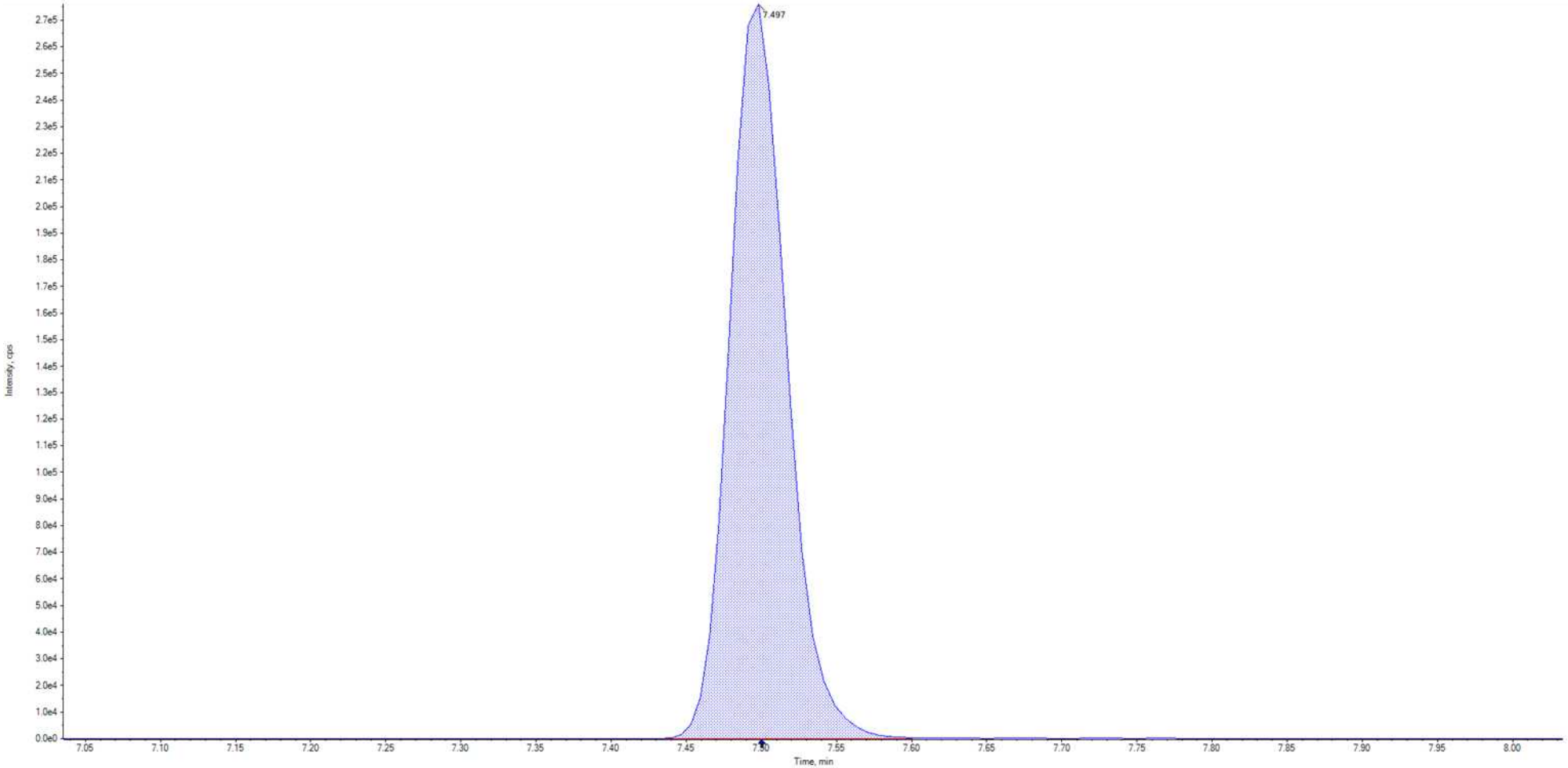


13C2-PFHxA
Sample: WG1958909-4,TRS

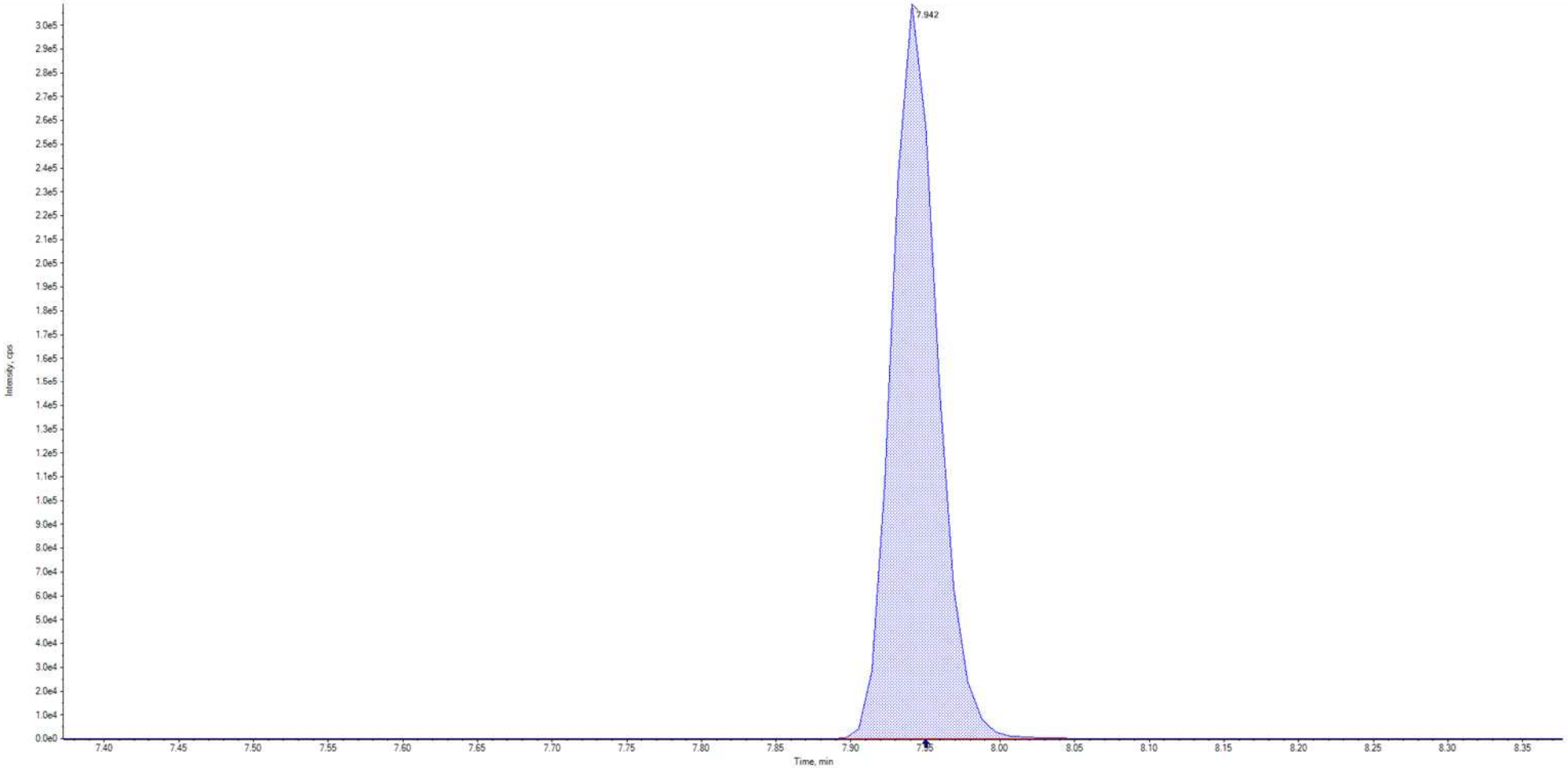


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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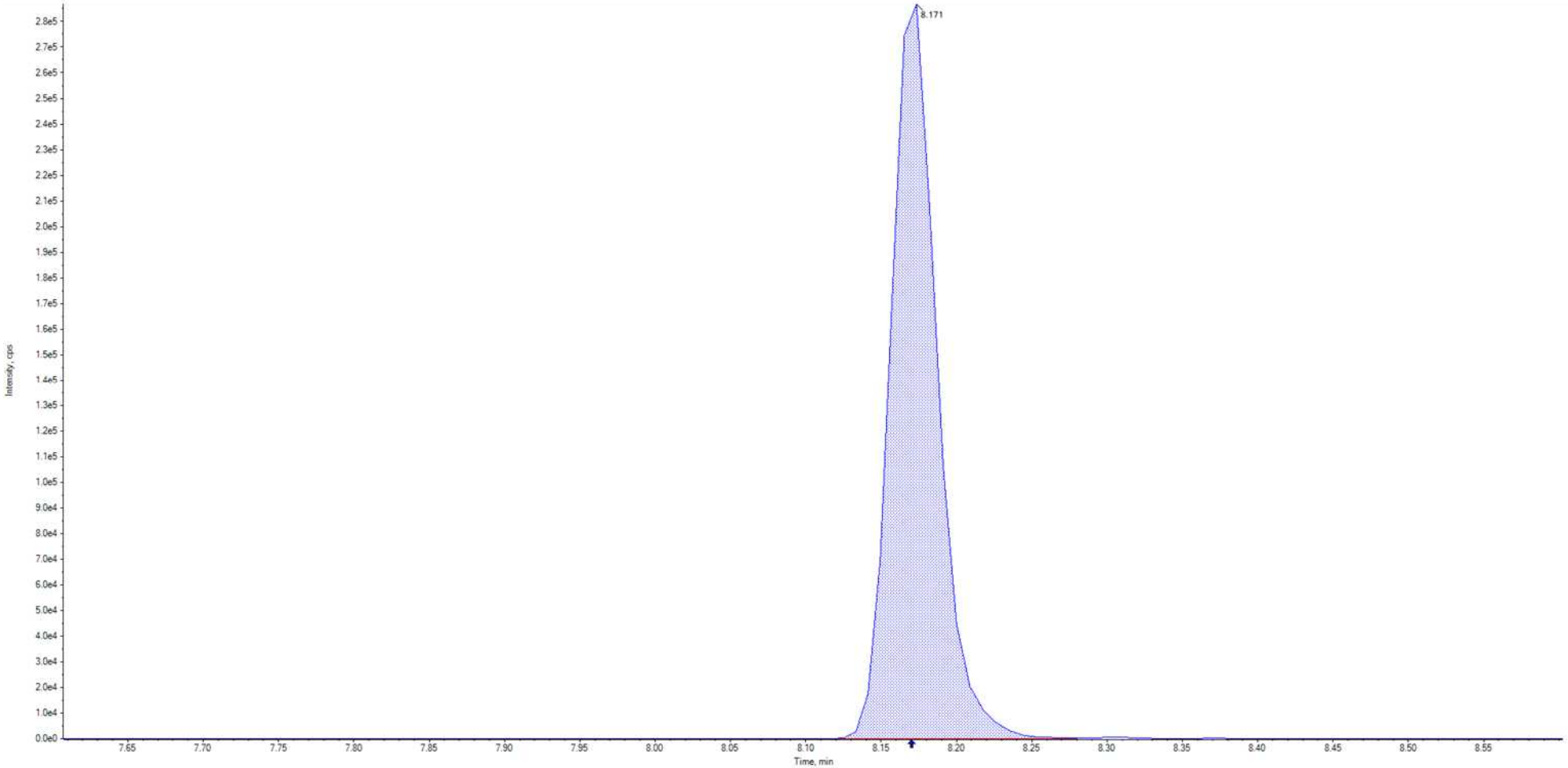
13C4-PFOA
Sample: WG1958909-4,TRS



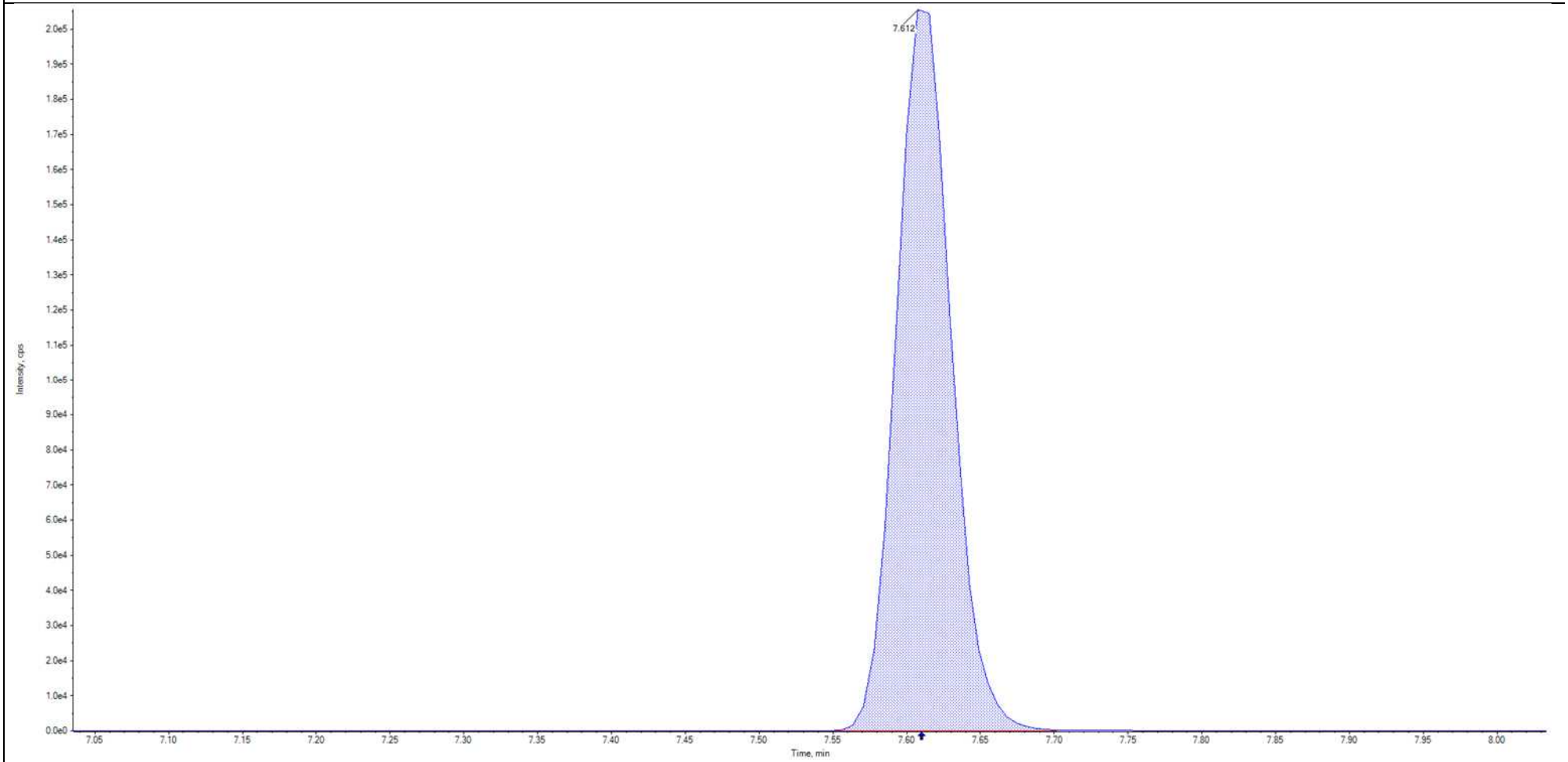
13C5-PFNA
Sample: WG1958909-4,TRS



13C2-PFDA
Sample: WG1958909-4,TRS

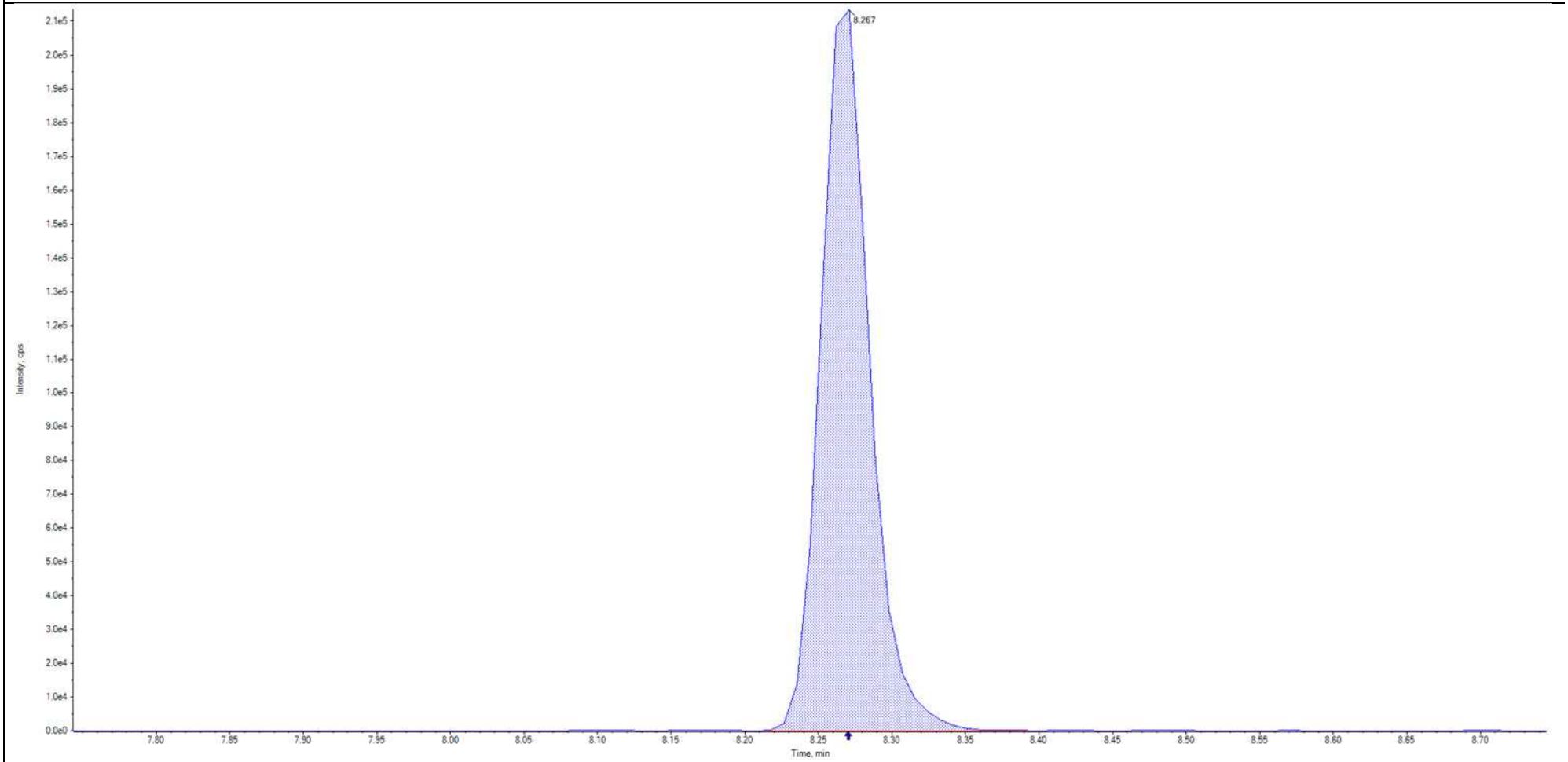


18O2-PFHxS
Sample: WG1958909-4,TRS



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_83.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C4-PFOS
Sample: WG1958909-4,TRS



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_83.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: WG1958909-6,INSTBLANK
Name: SCI05_240813_84.wiff
Date & Time: 2024-08-14T00:36:03
Description: WG1958909
Instrument: Triple Quad 5500+
User: LCMS05:SL

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	N/A	213.0 / 169.0	N/A		N/A	N/A	N/A	N/A	N/A
2	PFPeA	2706-90-3	N/A	263.0 / 219.0	N/A		N/A	N/A	0.007	N/A	N/A
3	PFPeA_2	2706-90-3	N/A	263.0 / 68.9	N/A		N/A	N/A	0.007	N/A	N/A
4	PFHxA	307-24-4	N/A	313.0 / 269.0	N/A		N/A	N/A	0.072	N/A	N/A
5	PFHxA_2	307-24-4	N/A	313.0 / 119.0	N/A		N/A	N/A	0.072	N/A	N/A
6	PFHpA	375-85-9	N/A	363.1 / 319.0	N/A		N/A	N/A	0.297	N/A	N/A
7	PFHpA_2	375-85-9	N/A	363.1 / 169.0	N/A		N/A	N/A	0.297	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	N/A	413.1 / 369.1	N/A		N/A	N/A	0.586	N/A	N/A
9	PFOA_2	335-67-1	N/A	413.1 / 169.0	N/A		N/A	N/A	0.586	N/A	N/A
10	PFNA	375-95-1	N/A	462.8 / 418.9	N/A		N/A	N/A	0.313	N/A	N/A
11	PFNA_2	375-95-1	N/A	462.8 / 218.9	N/A		N/A	N/A	0.313	N/A	N/A
12	PFDA	335-76-2	N/A	513.1 / 469.1	N/A		N/A	N/A	0.142	N/A	N/A
13	PFDA_2	335-76-2	N/A	513.1 / 219.0	N/A		N/A	N/A	0.142	N/A	N/A
14	PFUnA	2058-94-8	N/A	563.1 / 519.1	N/A		N/A	N/A	0.194	N/A	N/A
15	PFUnA_2	2058-94-8	N/A	563.1 / 269.0	N/A		N/A	N/A	0.194	N/A	N/A
16	PFDoA	307-55-1	N/A	613.1 / 569.1	N/A		N/A	N/A	0.167	N/A	N/A
17	PFDoA_2	307-55-1	N/A	613.1 / 319.0	N/A		N/A	N/A	0.167	N/A	N/A
18	PFTrDA	72629-94-8	N/A	663.1 / 619.1	N/A		N/A	N/A	0.228	N/A	N/A
19	PFTrDA_2	72629-94-8	N/A	663.1 / 169.0	N/A		N/A	N/A	0.228	N/A	N/A
20	PFTeDA	376-06-7	N/A	713.1 / 669.1	N/A		N/A	N/A	0.137	N/A	N/A
21	PFTeDA_2	376-06-7	N/A	713.1 / 169.0	N/A		N/A	N/A	0.137	N/A	N/A
22	PFBS	375-73-5	N/A	299.1 / 80.1	N/A		N/A	N/A	0.396	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	N/A	299.1 / 99.1	N/A		N/A	N/A	0.396	N/A	N/A
24	PFPeS	2706-91-4	N/A	349.1 / 80.1	N/A		N/A	N/A	0.299	N/A	N/A
25	PFPeS_2	2706-91-4	N/A	349.1 / 99.1	N/A		N/A	N/A	0.299	N/A	N/A
26	PFHxS	355-46-4	N/A	399.1 / 80.1	N/A		N/A	N/A	0.315	N/A	N/A
27	PFHxS_2	355-46-4	N/A	399.1 / 99.1	N/A		N/A	N/A	0.315	N/A	N/A
28	PFHpS	375-92-8	N/A	449.1 / 80.1	N/A		N/A	N/A	0.287	N/A	N/A
29	PFHpS_2	375-92-8	N/A	449.1 / 99.1	N/A		N/A	N/A	0.287	N/A	N/A
30	PFOS	1763-23-1	N/A	499.1 / 80.1	N/A		N/A	N/A	0.238	N/A	N/A
31	PFOS_2	1763-23-1	N/A	499.1 / 99.1	N/A		N/A	N/A	0.238	N/A	N/A
32	PFNS	68259-12-1	N/A	549.1 / 80.1	N/A		N/A	N/A	0.301	N/A	N/A
33	PFNS_2	68259-12-1	N/A	549.1 / 99.1	N/A		N/A	N/A	0.301	N/A	N/A
34	PFDS	335-77-3	N/A	599.1 / 80.1	N/A		N/A	N/A	0.275	N/A	N/A
35	PFDS_2	335-77-3	N/A	599.1 / 99.1	N/A		N/A	N/A	0.275	N/A	N/A
36	PFDoS	79780-39-5	N/A	699.2 / 80.1	N/A		N/A	N/A	0.274	N/A	N/A
37	PFDoS_2	79780-39-5	N/A	699.2 / 99.1	N/A		N/A	N/A	0.274	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.14	327.1 / 307.1	21565		0.176	0.562	0.516	Pass	N/A
39	4:2FTS_2	757124-72-4	5.14	327.1 / 81.1	12125		0.185	0.562	0.516	Pass	N/A
40	6:2FTS	27619-97-2	N/A	427.2 / 407.2	N/A		N/A	N/A	0.565	N/A	N/A
41	6:2FTS_2	27619-97-2	N/A	427.2 / 81.1	N/A		N/A	N/A	0.565	N/A	N/A
42	8:2FTS	39108-34-4	N/A	527.2 / 507.2	N/A		N/A	N/A	0.662	N/A	N/A
43	8:2FTS_2	39108-34-4	N/A	527.2 / 81.1	N/A		N/A	N/A	0.662	N/A	N/A
44	PFOSA	754-91-6	N/A	498.1 / 78.1	N/A		N/A	N/A	0.025	N/A	N/A
45	PFOSA_2	754-91-6	N/A	498.1 / 478.0	N/A		N/A	N/A	0.025	N/A	N/A
46	NMeFOSA	31506-32-8	N/A	512.2 / 219.0	N/A		N/A	N/A	1.551	N/A	N/A
47	NMeFOSA_2	31506-32-8	N/A	512.2 / 169.0	N/A		N/A	N/A	1.551	N/A	N/A
48	NEtFOSA	4151-50-2	N/A	526.2 / 219.0	N/A		N/A	N/A	1.285	N/A	N/A
49	NEtFOSA_2	4151-50-2	N/A	526.2 / 169.0	N/A		N/A	N/A	1.285	N/A	N/A
50	NMeFOSAA	2355-31-9	N/A	570.2 / 419.1	N/A		N/A	N/A	0.700	N/A	N/A
51	NMeFOSAA_2	2355-31-9	N/A	570.2 / 483.0	N/A		N/A	N/A	0.700	N/A	N/A
52	NEtFOSAA	2991-50-6	N/A	584.2 / 419.1	N/A		N/A	N/A	0.487	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	N/A	584.2 / 526.2	N/A		N/A	N/A	0.487	N/A	N/A
54	NMeFOSE	24448-09-7	N/A	616.1 / 58.9	N/A		N/A	N/A	N/A	N/A	N/A
55	NEtFOSE	1691-99-2	N/A	630.0 / 58.9	N/A		N/A	N/A	N/A	N/A	N/A
56	HFPO-DA	13252-13-6	N/A	285.0 / 169.0	N/A		N/A	N/A	0.464	N/A	N/A
57	HFPO-DA_2	13252-13-6	N/A	285.0 / 184.9	N/A		N/A	N/A	0.464	N/A	N/A
58	ADONA	919005-14-4	N/A	377.1 / 251.0	N/A		N/A	N/A	0.634	N/A	N/A
59	ADONA_2	919005-14-4	N/A	377.1 / 84.8	N/A		N/A	N/A	0.634	N/A	N/A
60	9Cl-PF3ONS	756426-58-1	N/A	530.8 / 351.1	N/A		N/A	N/A	0.322	N/A	N/A
61	9Cl-PF3ONS_2	756426-58-1	N/A	532.8 / 353.0	N/A		N/A	N/A	0.322	N/A	N/A
62	11Cl-PF3OUdS	763051-92-9	N/A	630.9 / 451.0	N/A		N/A	N/A	0.331	N/A	N/A
63	11Cl-PF3OUdS_2	763051-92-9	N/A	632.9 / 452.9	N/A		N/A	N/A	0.331	N/A	N/A
64	3:3FTCA	356-02-5	N/A	241.1 / 177.1	N/A		N/A	N/A	1.074	N/A	N/A
65	3:3FTCA_2	356-02-5	N/A	241.1 / 117.0	N/A		N/A	N/A	1.074	N/A	N/A
66	5:3FTCA	914637-49-3	N/A	341.1 / 237.1	N/A		N/A	N/A	0.953	N/A	N/A
67	5:3FTCA_2	914637-49-3	N/A	341.1 / 217.0	N/A		N/A	N/A	0.953	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	N/A	441.1 / 316.9	N/A		N/A	N/A	1.558	N/A	N/A
69	7:3FTCA_2	812-70-4	N/A	441.1 / 337.1	N/A		N/A	N/A	1.558	N/A	N/A
70	PFEESA	113507-82-7	N/A	315.1 / 135.0	N/A		N/A	N/A	0.087	N/A	N/A
71	PFEESA_2	113507-82-7	N/A	315.1 / 82.9	N/A		N/A	N/A	0.087	N/A	N/A
72	PFMPA	377-73-1	N/A	229.0 / 85.0	N/A		N/A	N/A	N/A	N/A	N/A
73	PFMBA	863090-89-5	N/A	279.0 / 85.0	N/A		N/A	N/A	N/A	N/A	N/A
74	NFDHA	151772-58-6	N/A	295.0 / 201.0	N/A		N/A	N/A	0.910	N/A	N/A
75	NFDHA_2	151772-58-6	N/A	295.0 / 84.9	N/A		N/A	N/A	0.910	N/A	N/A
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.12	333.2 / 312.1	831075		4.782	N/A	N/A	N/A	N/A
79	13C2-PFOA	Surr	7.49	415.0 / 370.0	3176142		2.674	N/A	N/A	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.89	217.0 / 172.0	2375613		10.204	NA	NA	NA	102.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	1552656		5.404	NA	NA	NA	108.1
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	1036094		2.745	NA	NA	NA	109.8
	13C4-PFHpA	EIS	6.24	367.0 / 322.0	991160		2.623	NA	NA	NA	104.9
	13C8-PFOA	EIS	7.49	421.0 / 376.0	1406213		2.622	NA	NA	NA	104.9
	13C9-PFNA	EIS	7.94	472.0 / 427.0	715341		1.393	NA	NA	NA	111.4
	13C6-PFDA	EIS	8.17	519.0 / 474.0	656191		1.269	NA	NA	NA	101.6
	13C7-PFUnA	EIS	8.46	570.0 / 525.0	529450		1.266	NA	NA	NA	101.3

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.90	615.1 / 570.0	336154		1.236	NA	NA	NA	98.8
	13C2-PFTeDA	EIS	9.90	715.1 / 670.1	344024		1.165	NA	NA	NA	93.2
	13C3-PFBS	EIS	5.31	302.1 / 80.1	695203		2.147	NA	NA	NA	92.1
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	606212		2.357	NA	NA	NA	99.4
	13C8-PFOS	EIS	8.26	507.1 / 80.1	647263		2.488	NA	NA	NA	103.9
	13C2-4:2FTS	EIS	5.13	329.1 / 81.1	293570		5.079	NA	NA	NA	108.3
	13C2-6:2FTS	EIS	7.08	429.2 / 81.1	192064		4.535	NA	NA	NA	95.4
	13C2-8:2FTS	EIS	8.06	529.2 / 81.1	279349		4.507	NA	NA	NA	93.9

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.54	506.1 / 78.1	928323		2.684	NA	NA	NA	107.4
	d3-NMeFOSA	EIS	10.15	515.2 / 219.0	147075		2.526	NA	NA	NA	101.1
	d5-NEtFOSA	EIS	10.36	531.2 / 219.0	148771		2.616	NA	NA	NA	104.6
	d3-NMeFOSAA	EIS	8.22	573.2 / 419.1	653243		4.963	NA	NA	NA	99.3
	d5-NEtFOSAA	EIS	8.36	589.3 / 419.1	330505		4.778	NA	NA	NA	95.6
	d7-NMeFOSE	EIS	10.06	623.2 / 58.9	1099937		24.465	NA	NA	NA	97.9
	d9-NEtFOSE	EIS	10.26	639.2 / 58.9	1696488		25.593	NA	NA	NA	102.4

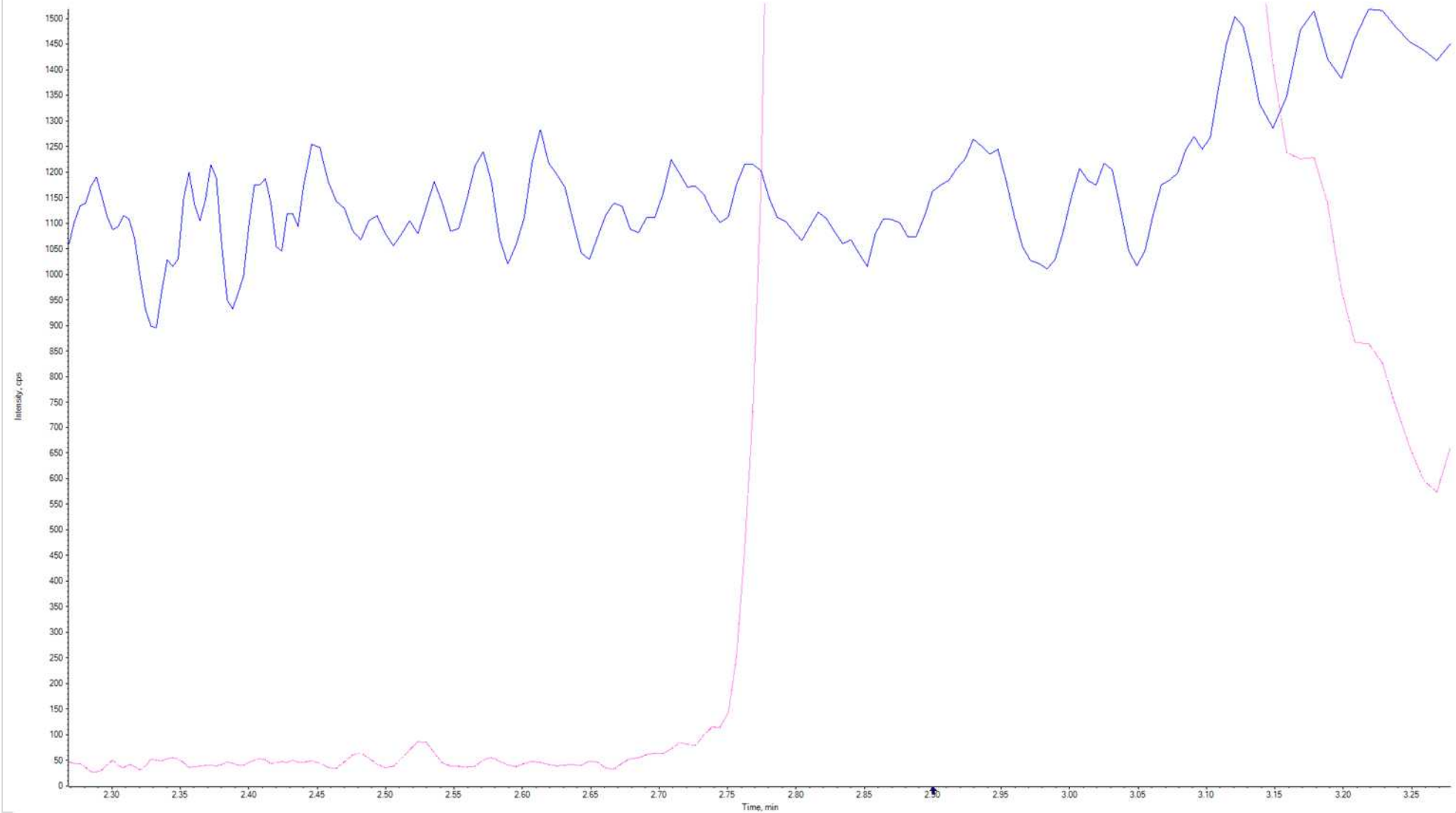
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	13C3-HFPO-DA	EIS	5.59	287.0 / 169.0	2562544		10.246	NA	NA	NA	102.5
	13C3-PFBA	NIS	2.89	216.0 / 172.0	1018395		4.763	NA	NA	NA	95.3
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1120501		2.288	NA	NA	NA	91.5
	13C4-PFOA	NIS	7.49	417.0 / 372.0	701723		2.242	NA	NA	NA	89.7
	13C5-PFNA	NIS	7.94	468.0 / 423.0	625607		1.142	NA	NA	NA	91.4
	13C2-PFDA	NIS	8.17	515.1 / 470.1	607279		1.185	NA	NA	NA	94.8
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	522805		2.232	NA	NA	NA	94.2
	13C4-PFOS	NIS	8.26	503.1 / 80.1	460170		2.186	NA	NA	NA	91.3

Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

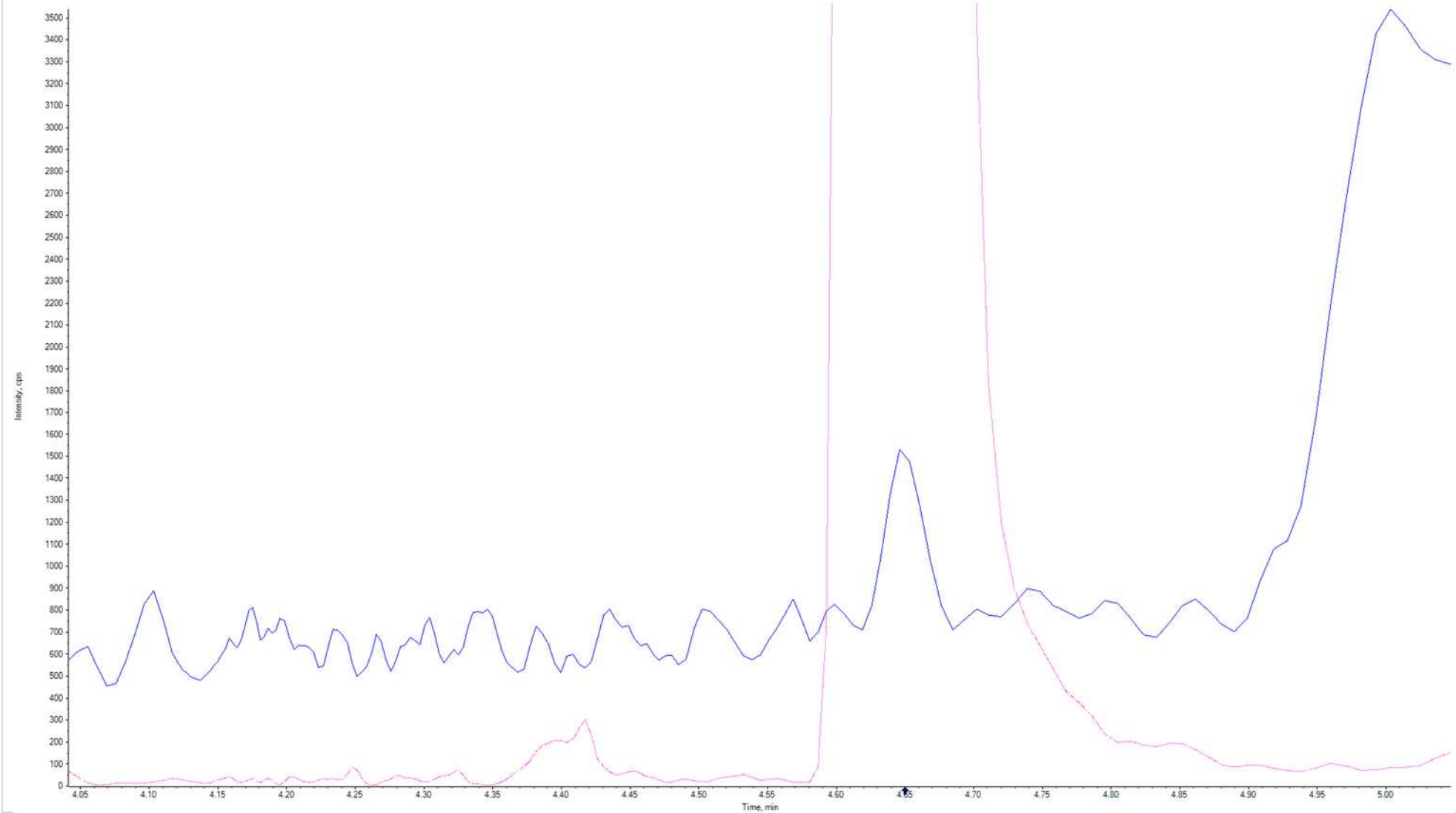
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PFBA
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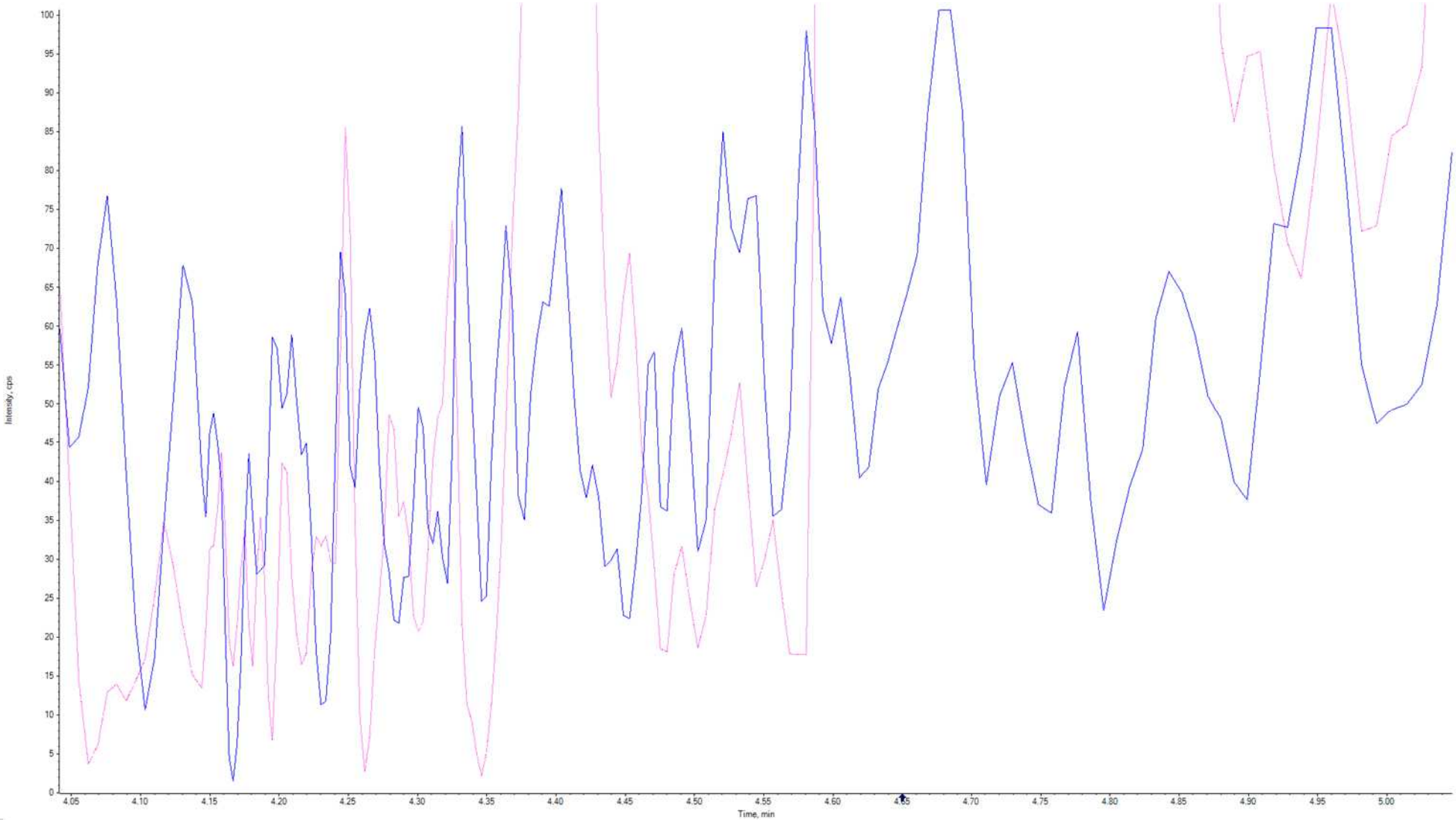
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PFPeA
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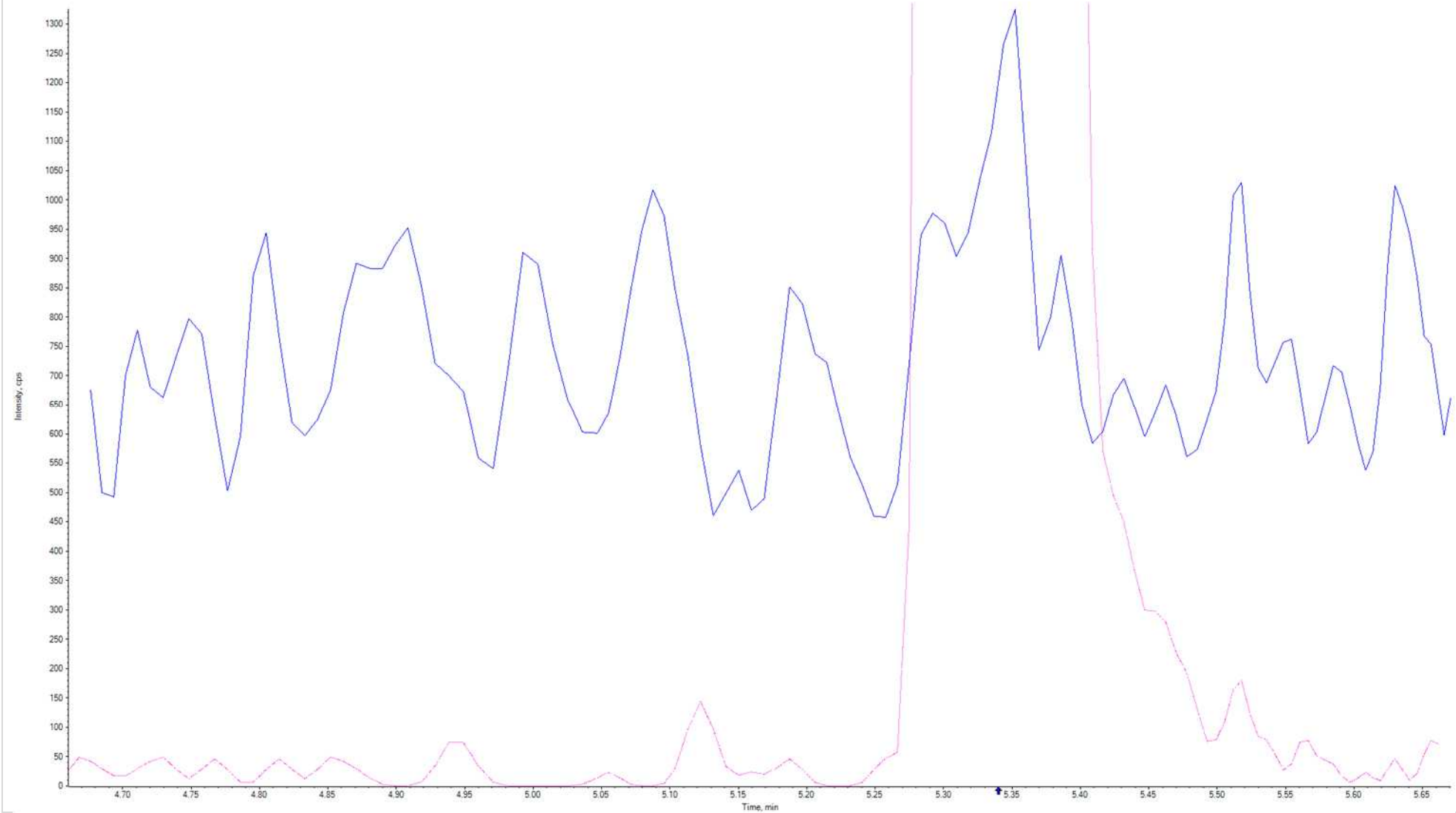
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PFPeA_2
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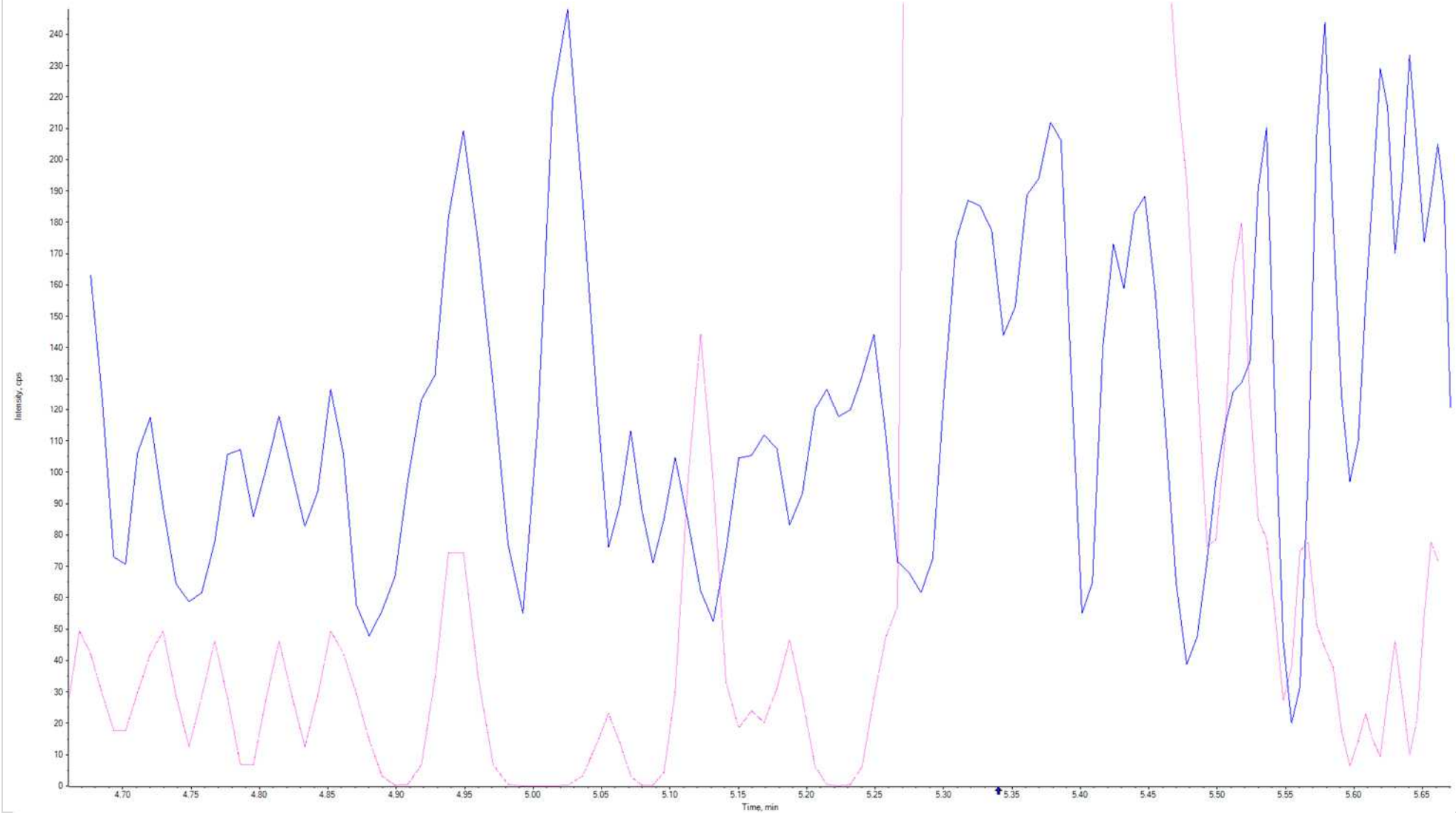


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PFHxA
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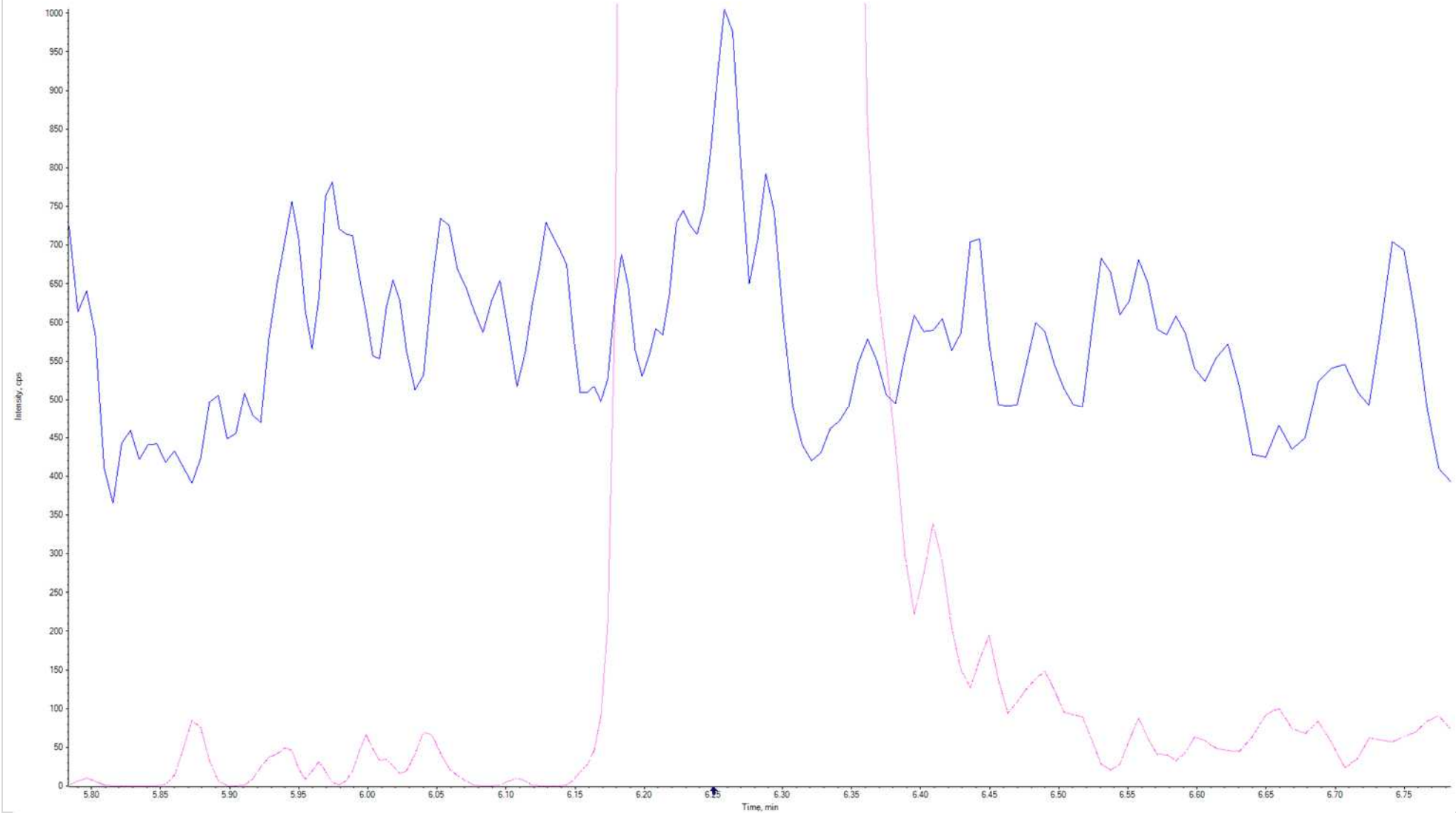


PFHxA_2
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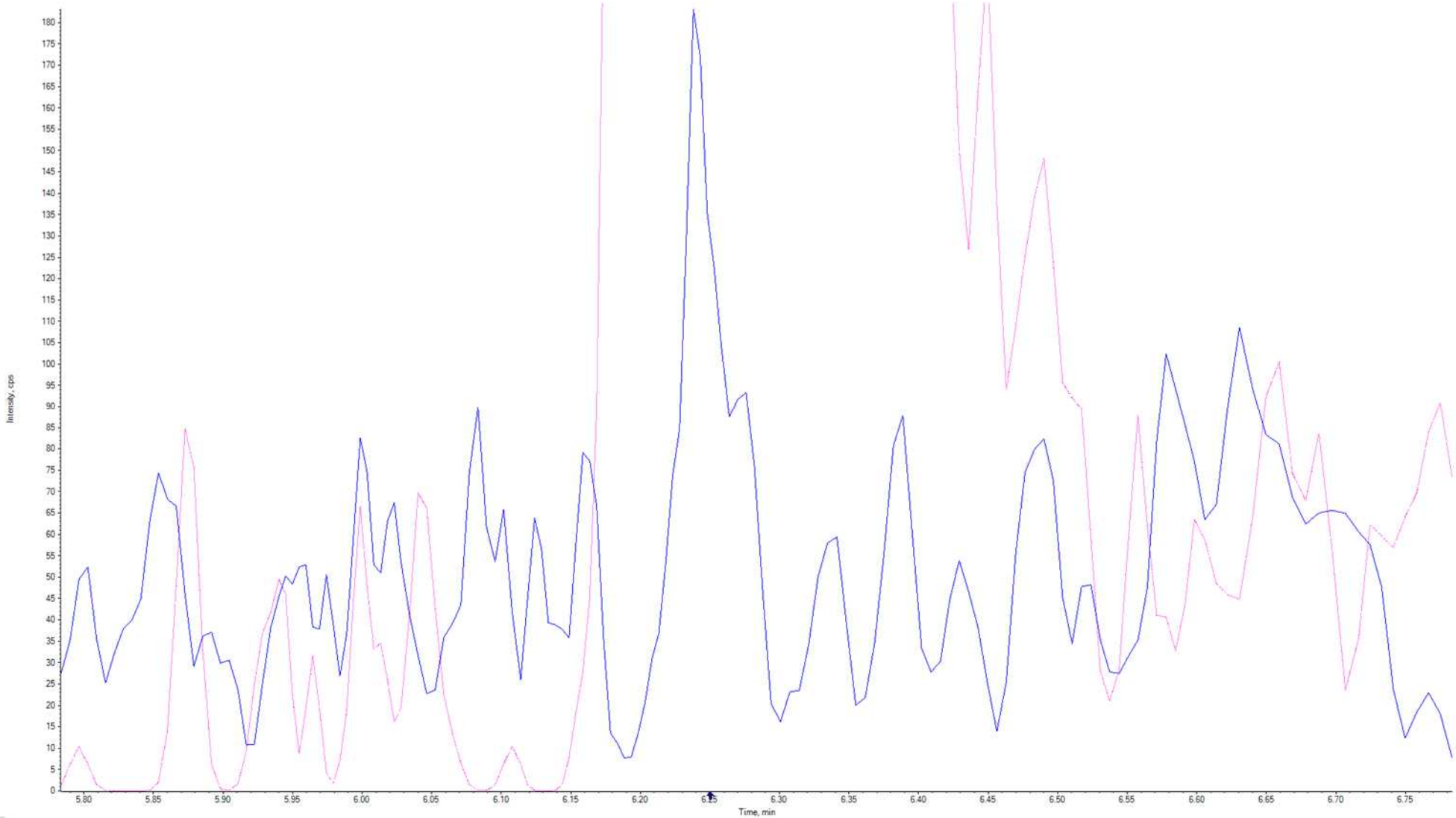
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PFHpA
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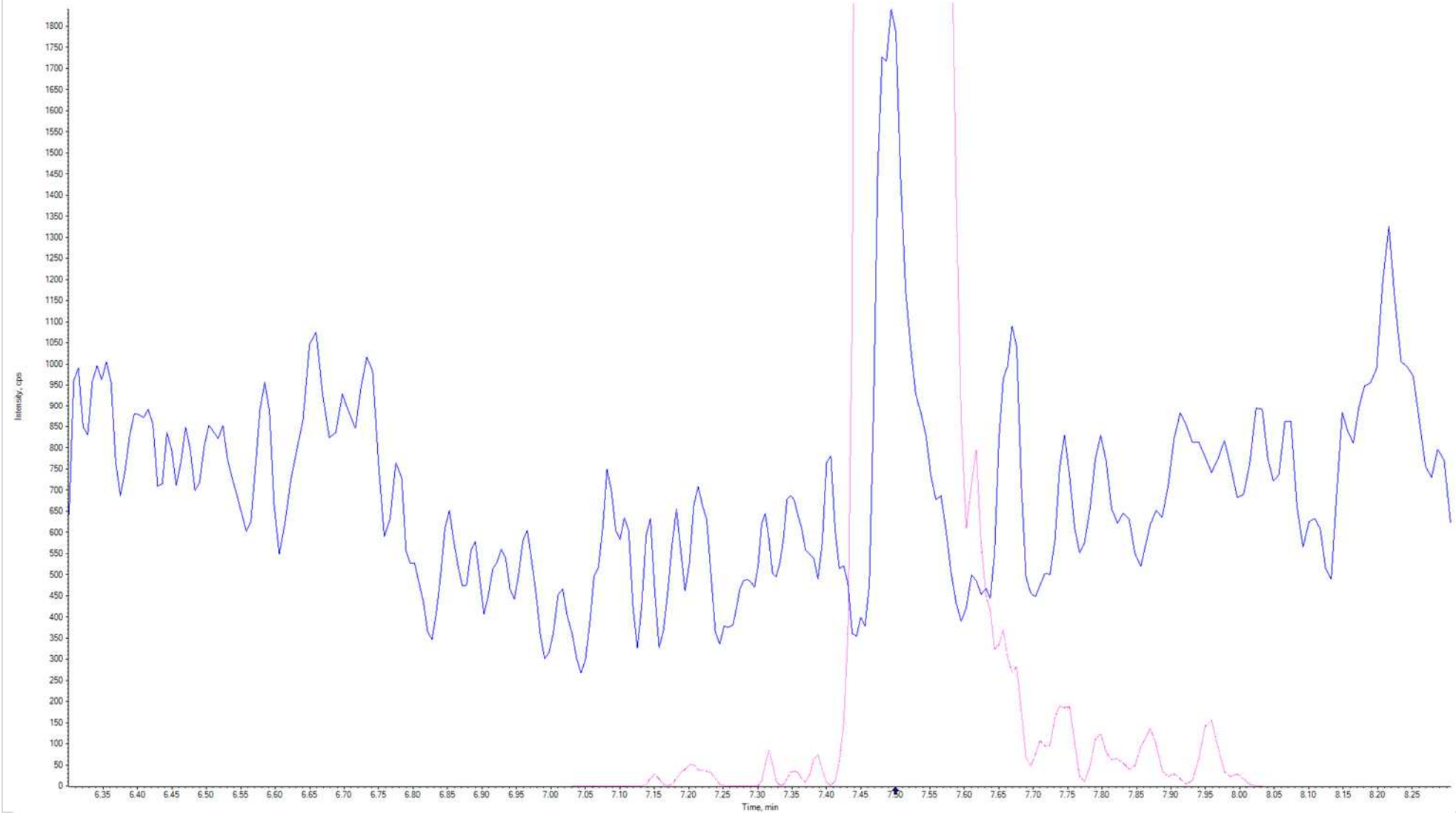
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PFHpA_2
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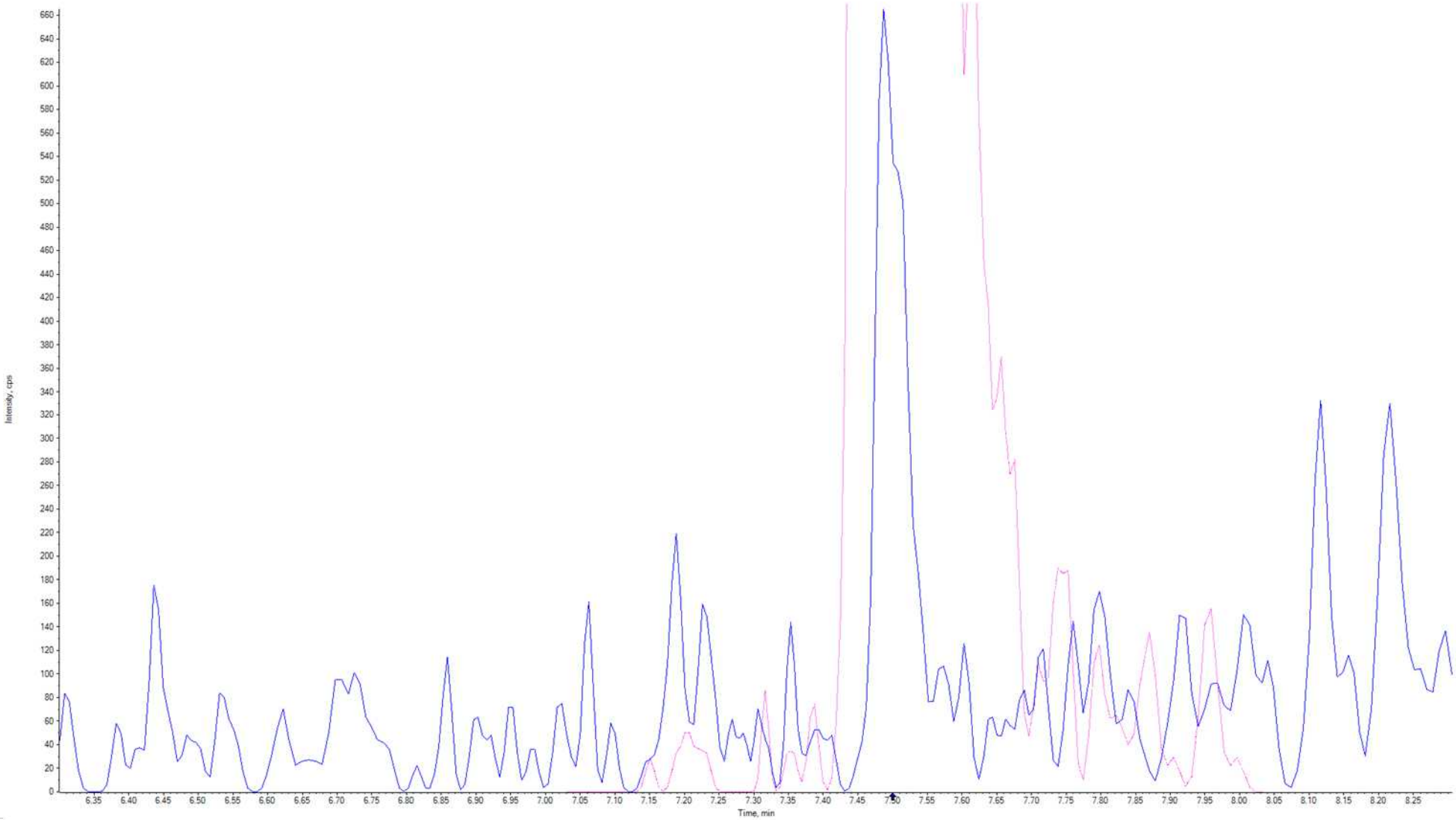
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PFOA
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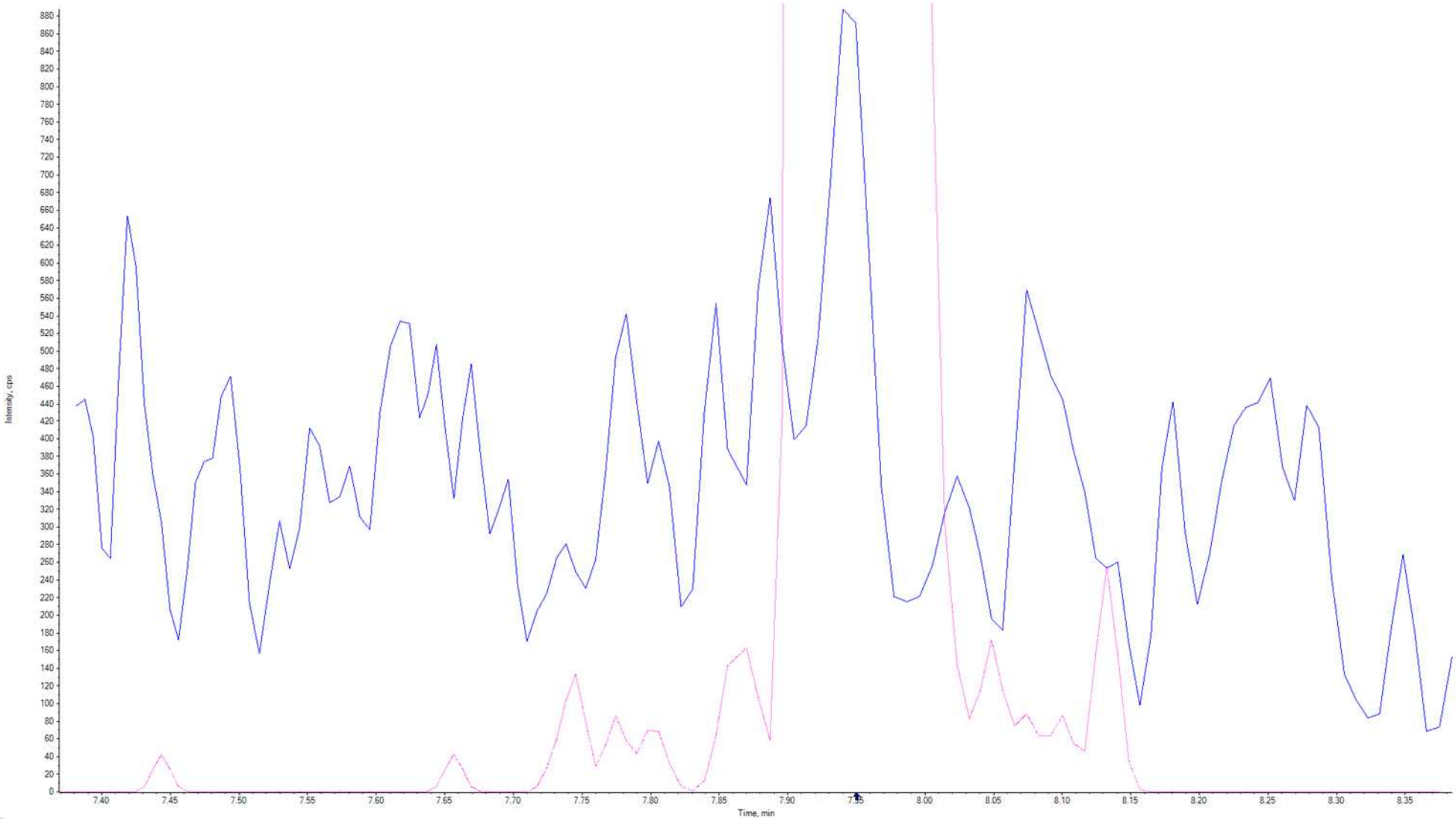
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PFOA_2
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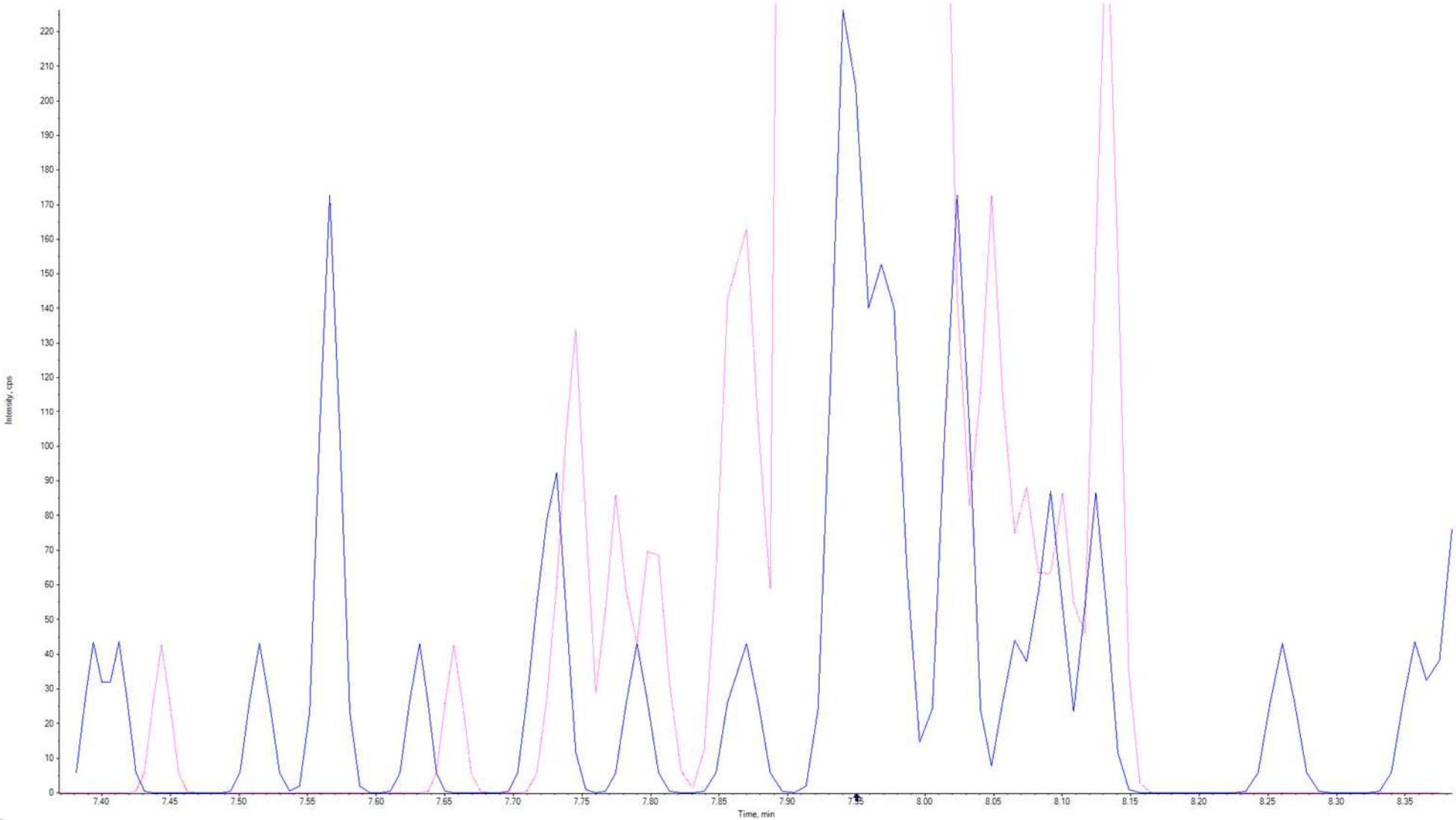
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PFNA
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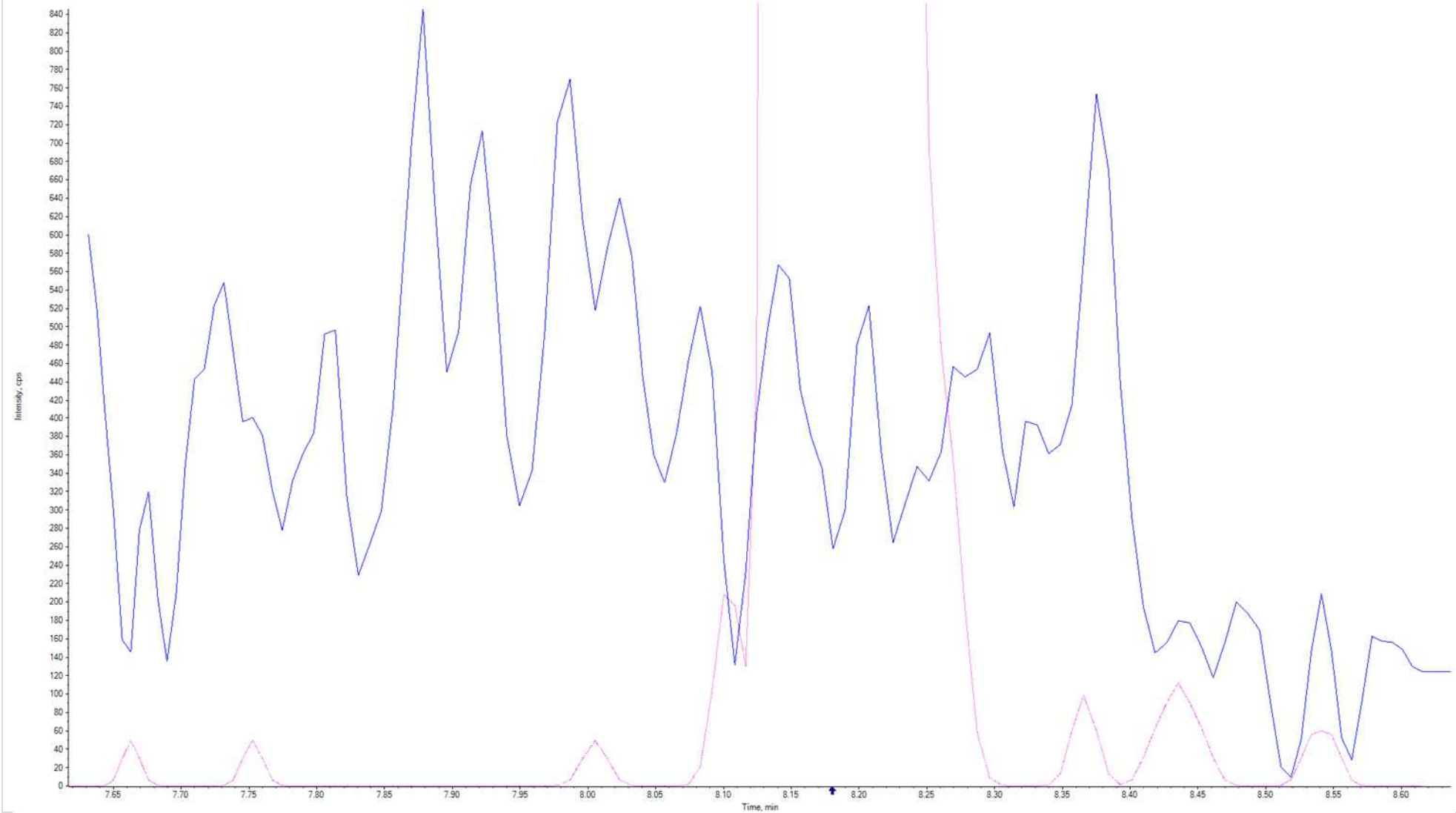
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PFNA_2
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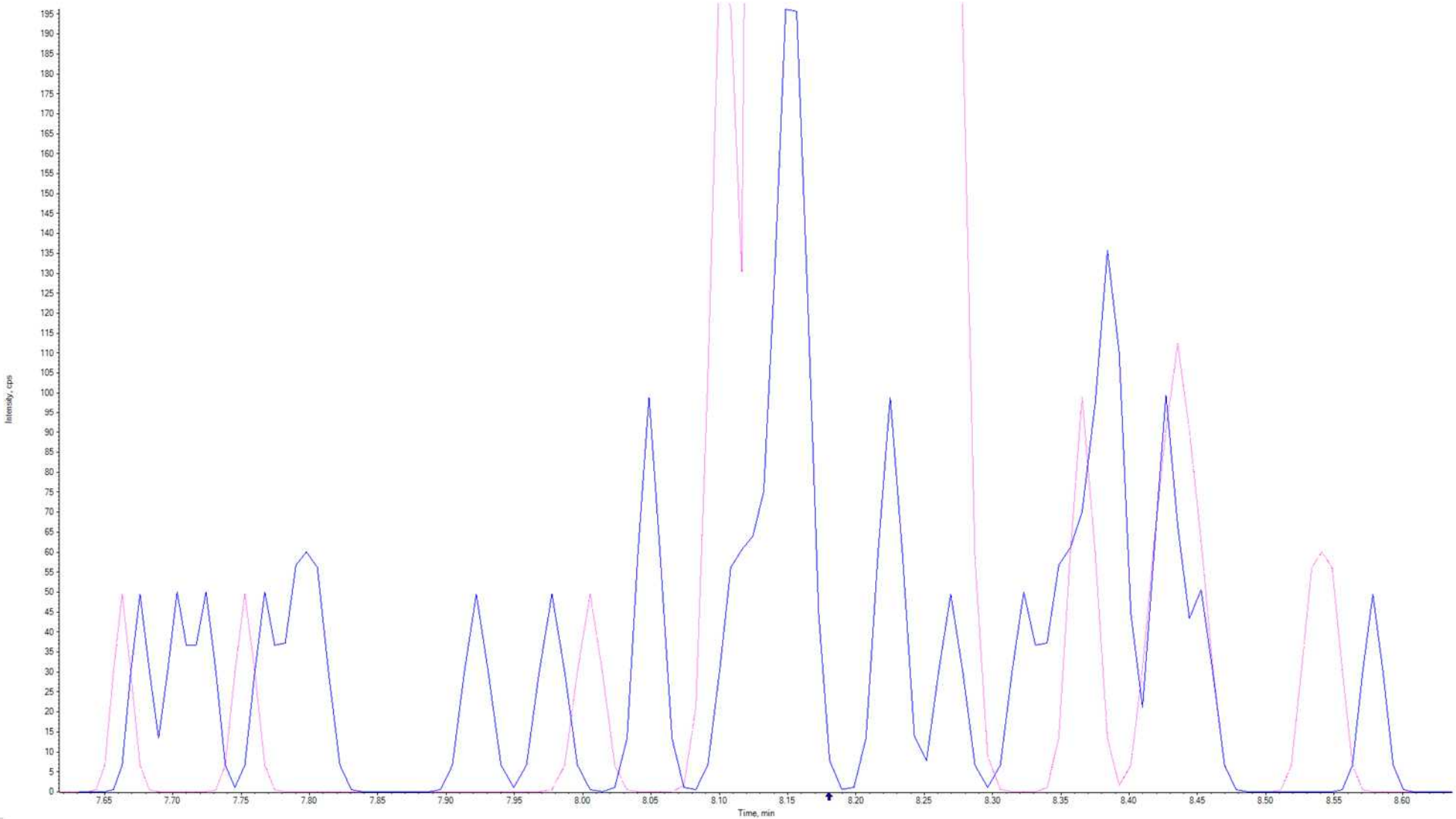
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PFDA
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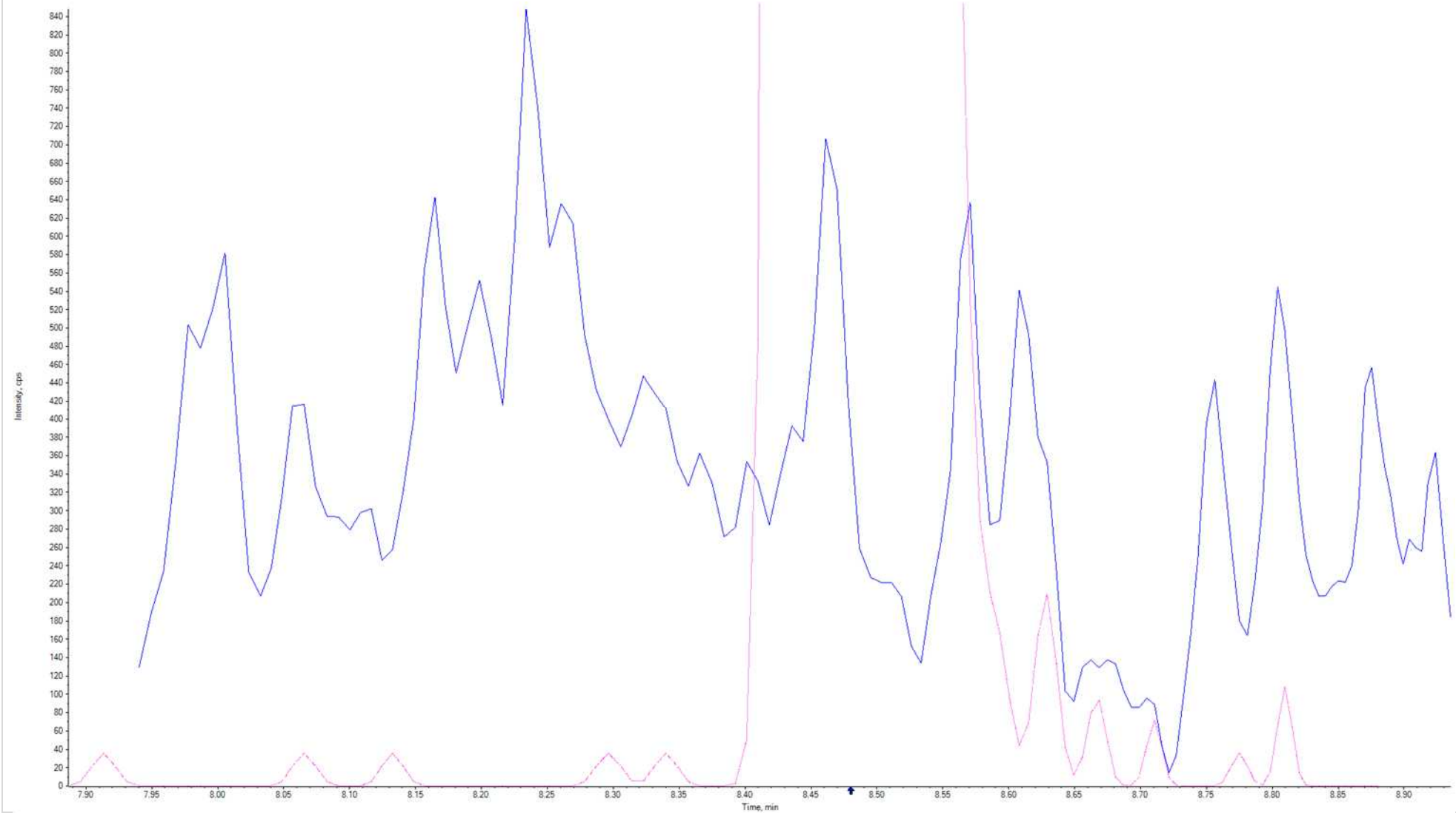
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PFDA_2
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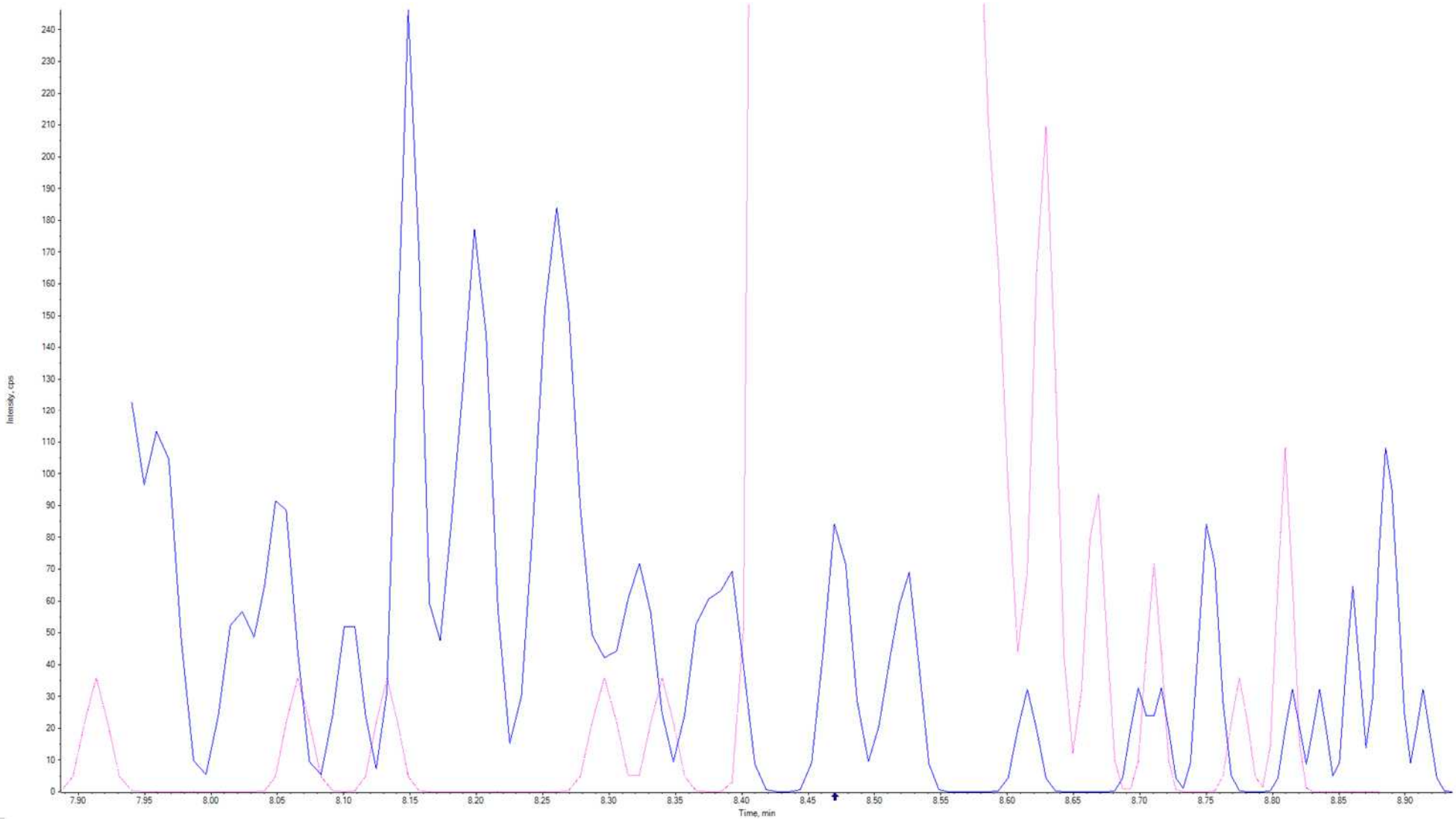
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PFUnA
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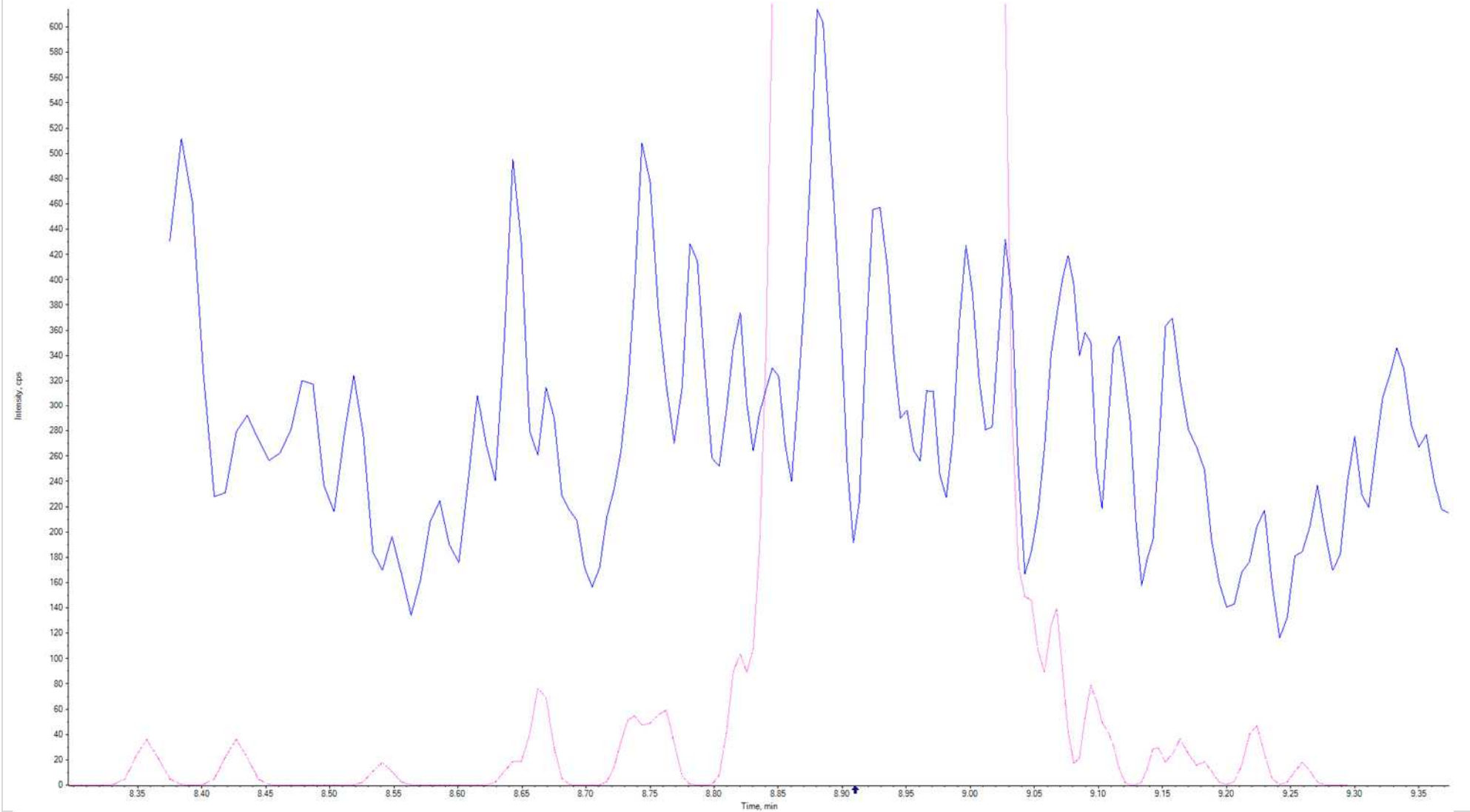
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PFUnA_2
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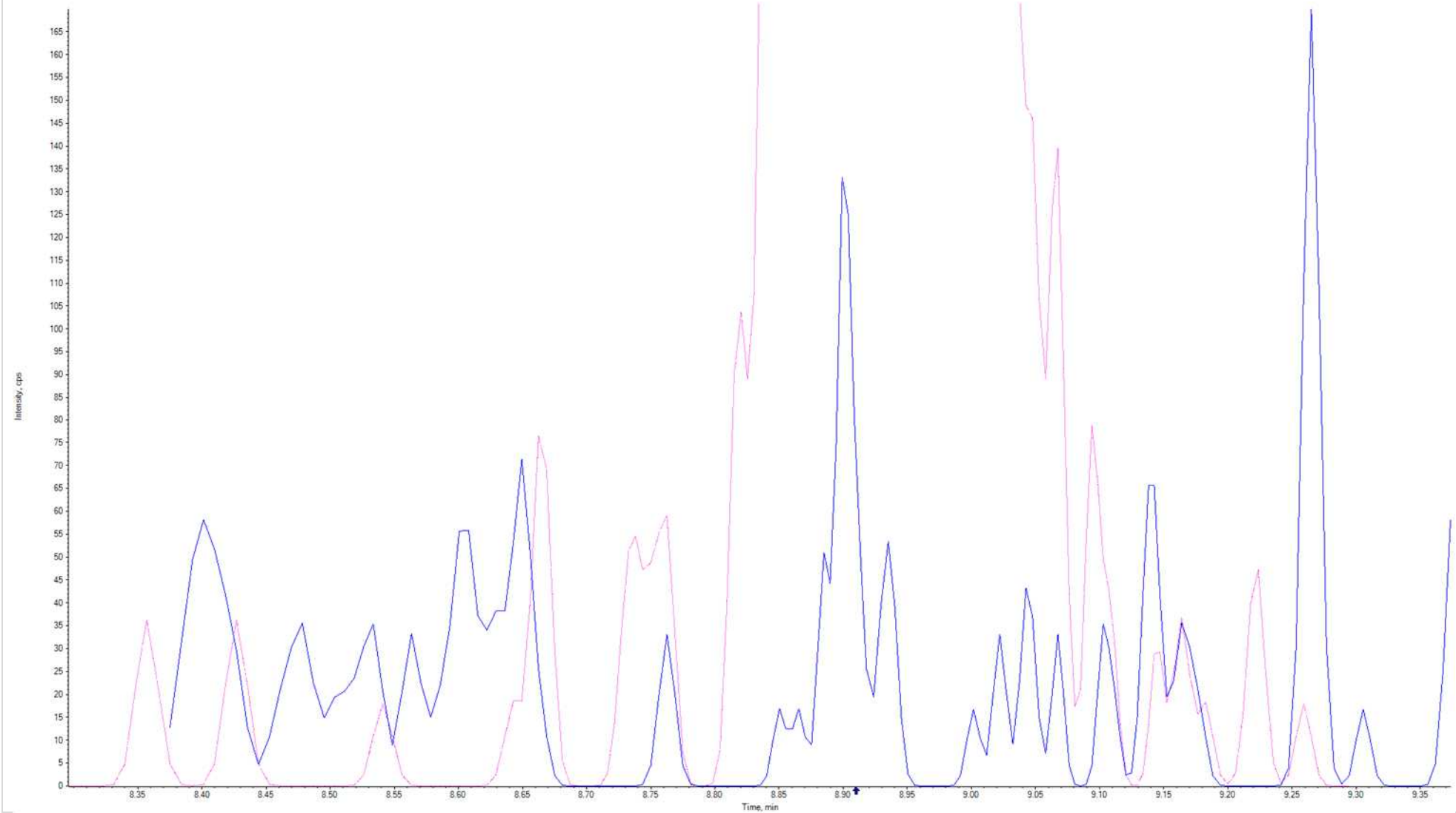
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PFDoA
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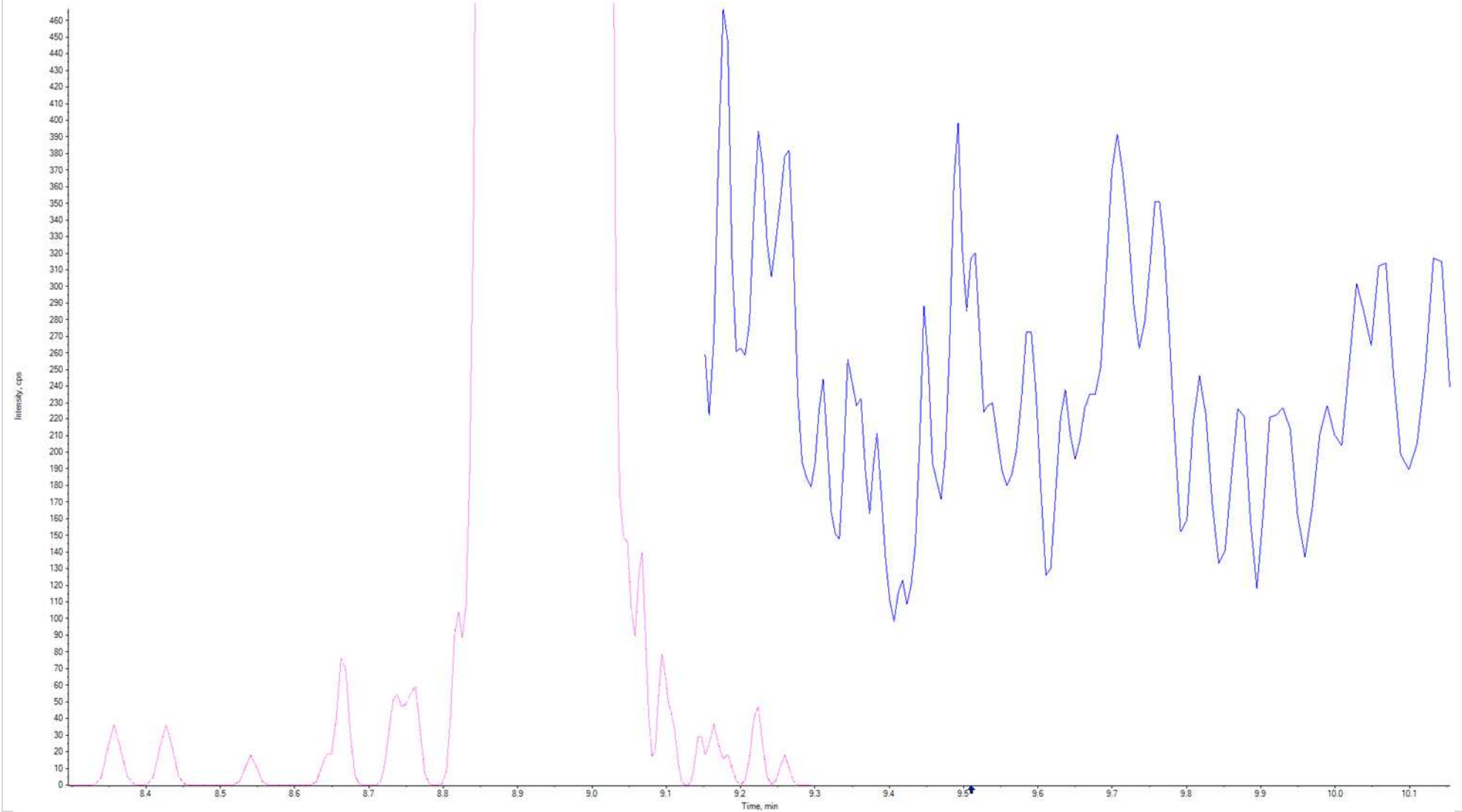
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PFDoA_2
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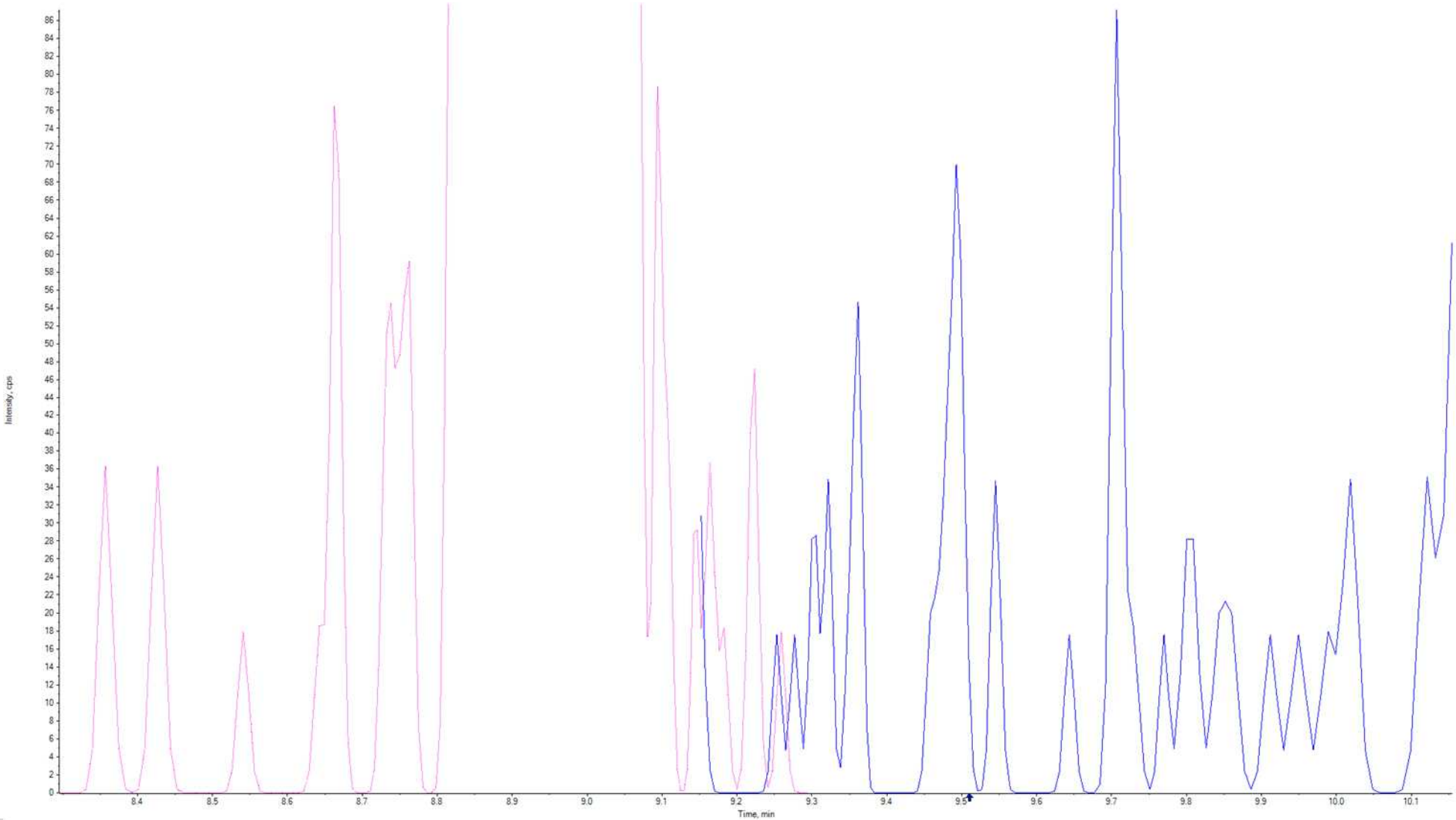
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PFTrDA
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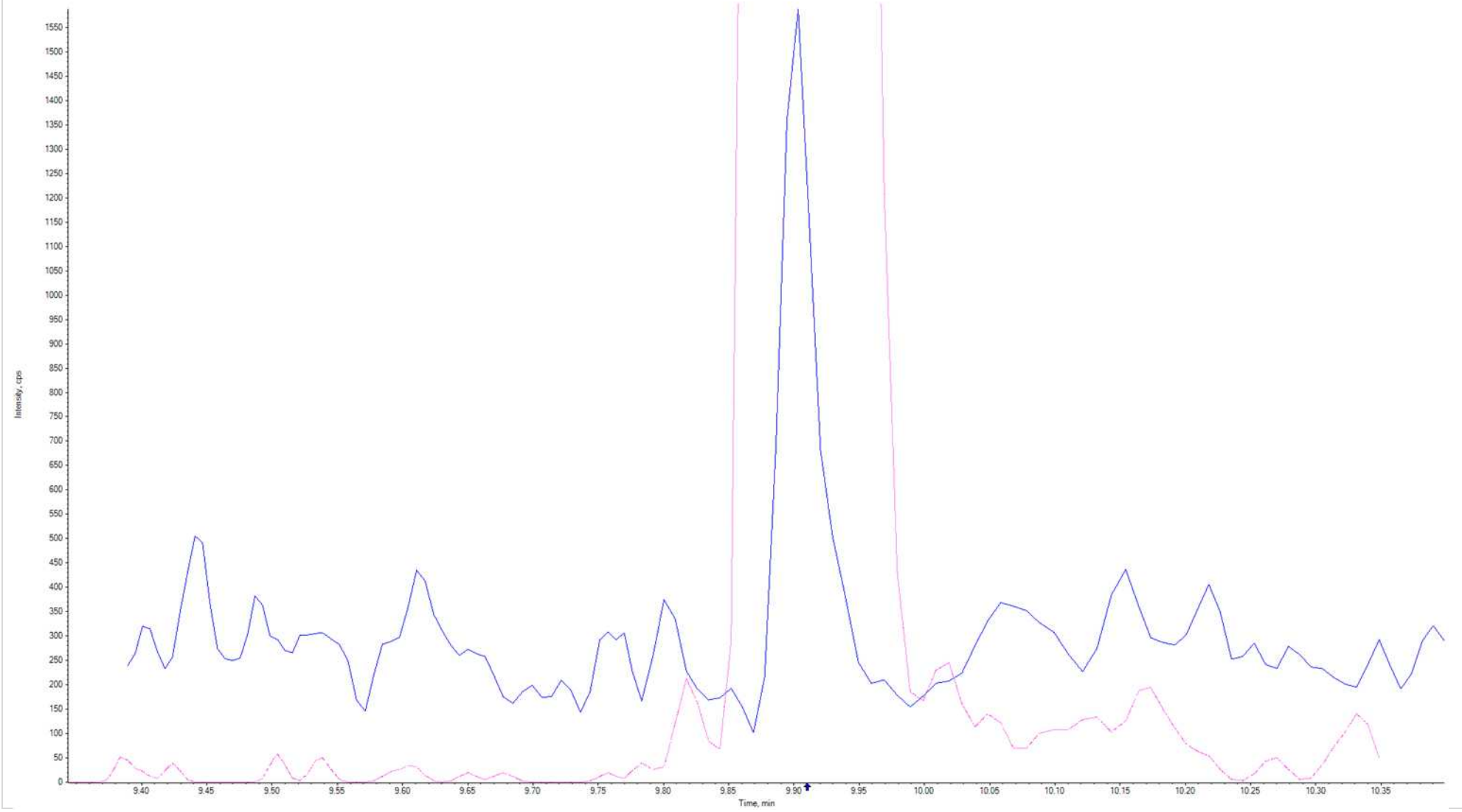
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PFTrDA_2
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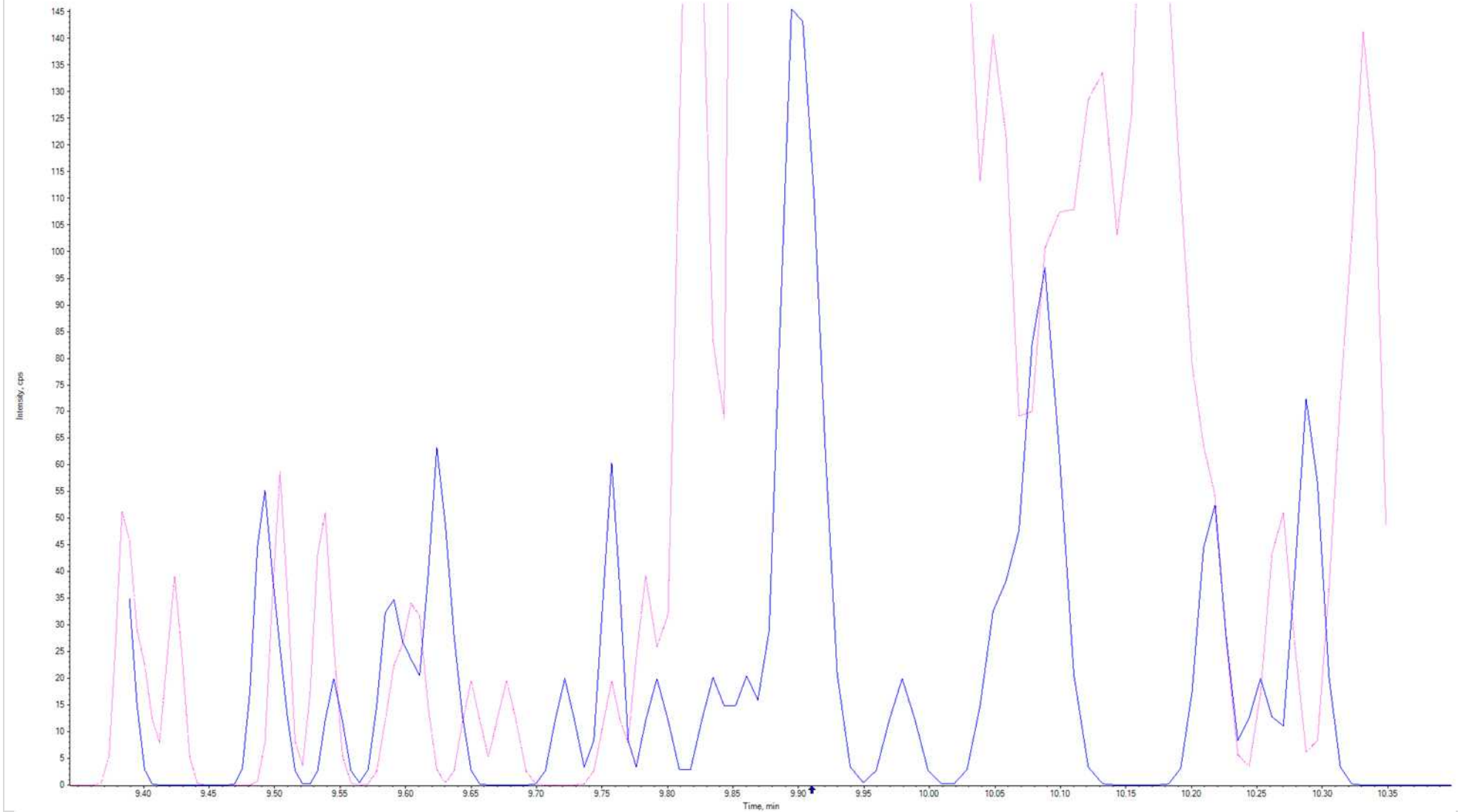
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PFTeDA
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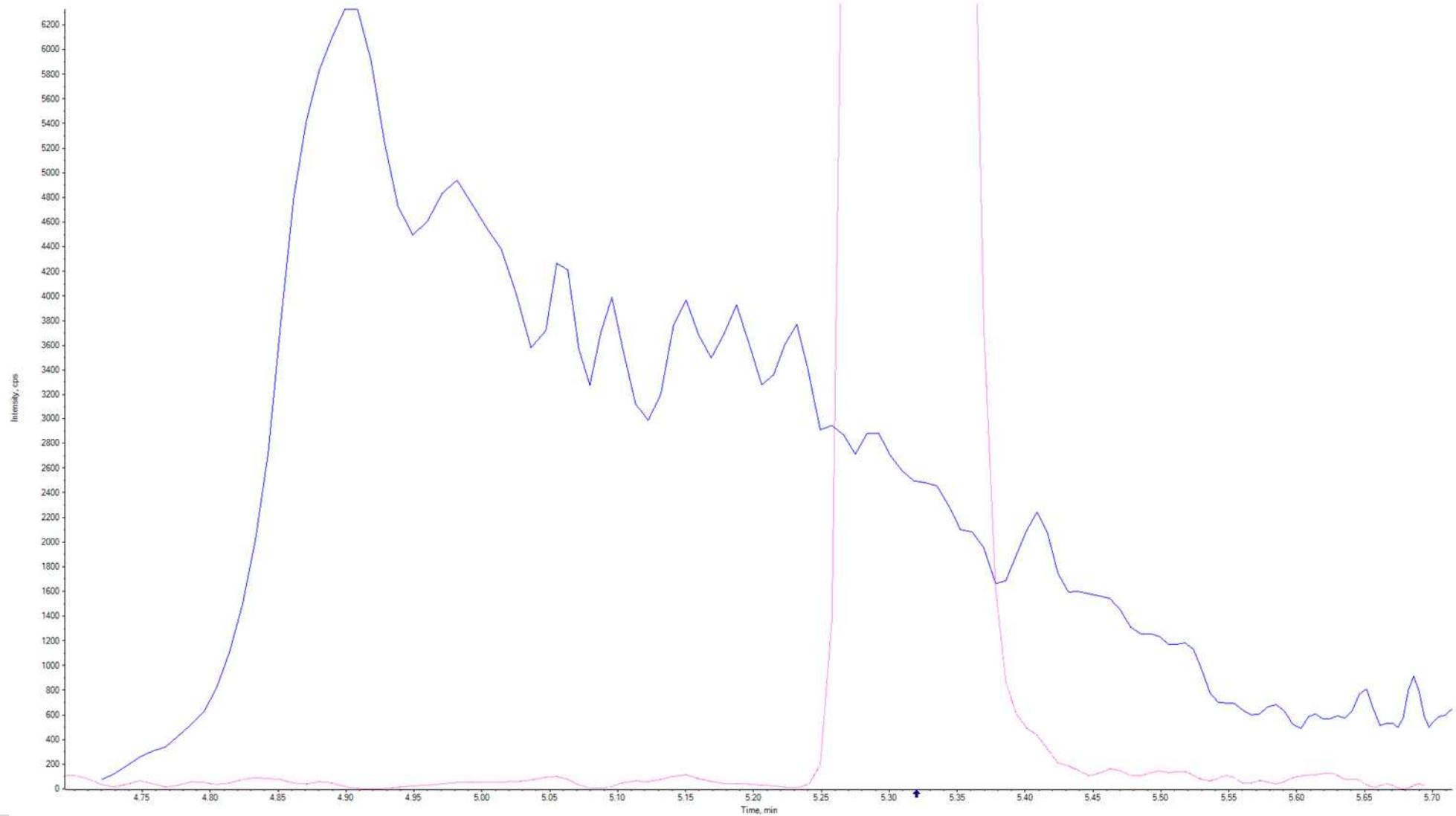
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PFTeDA_2
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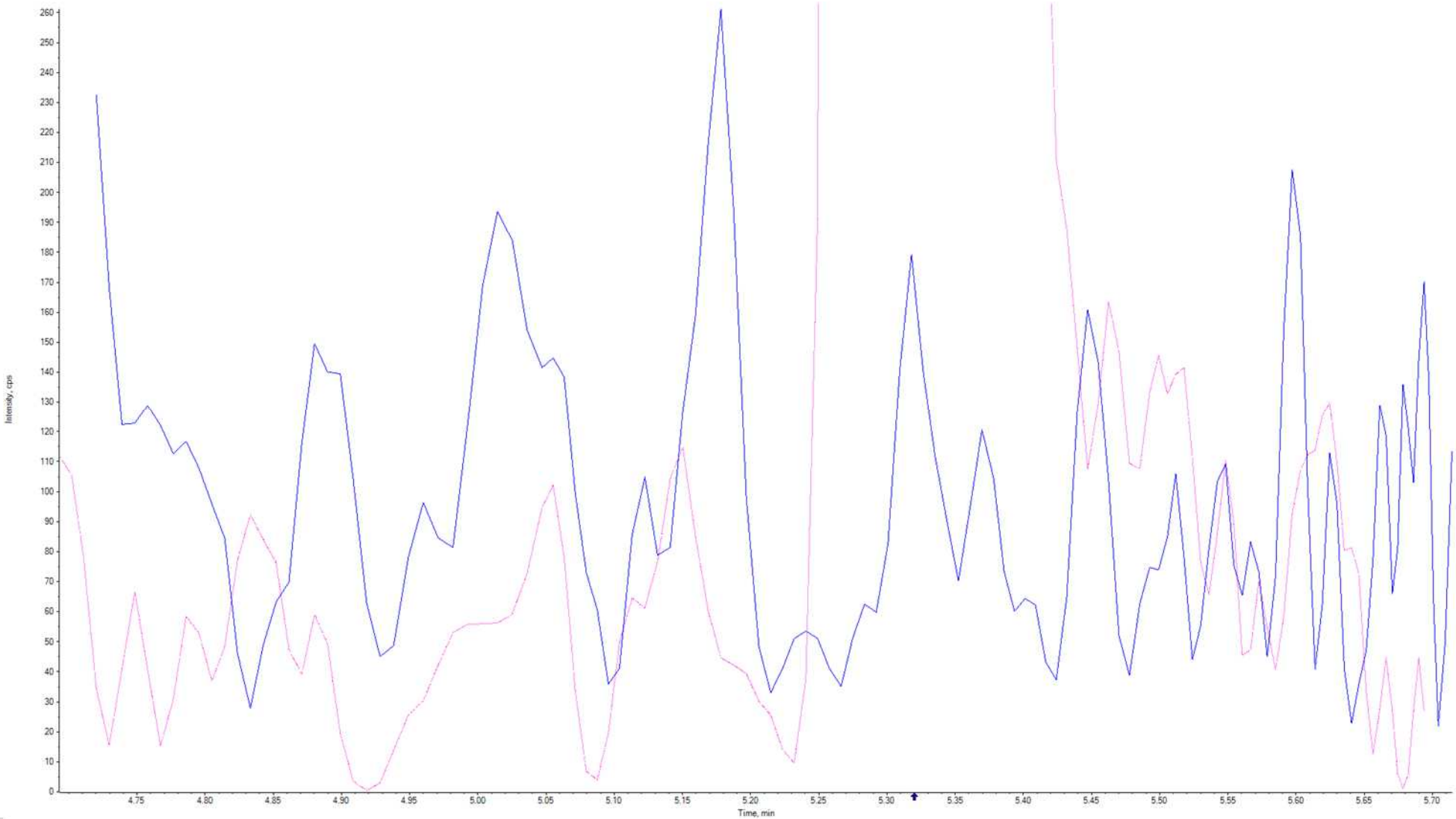
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PFBS
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



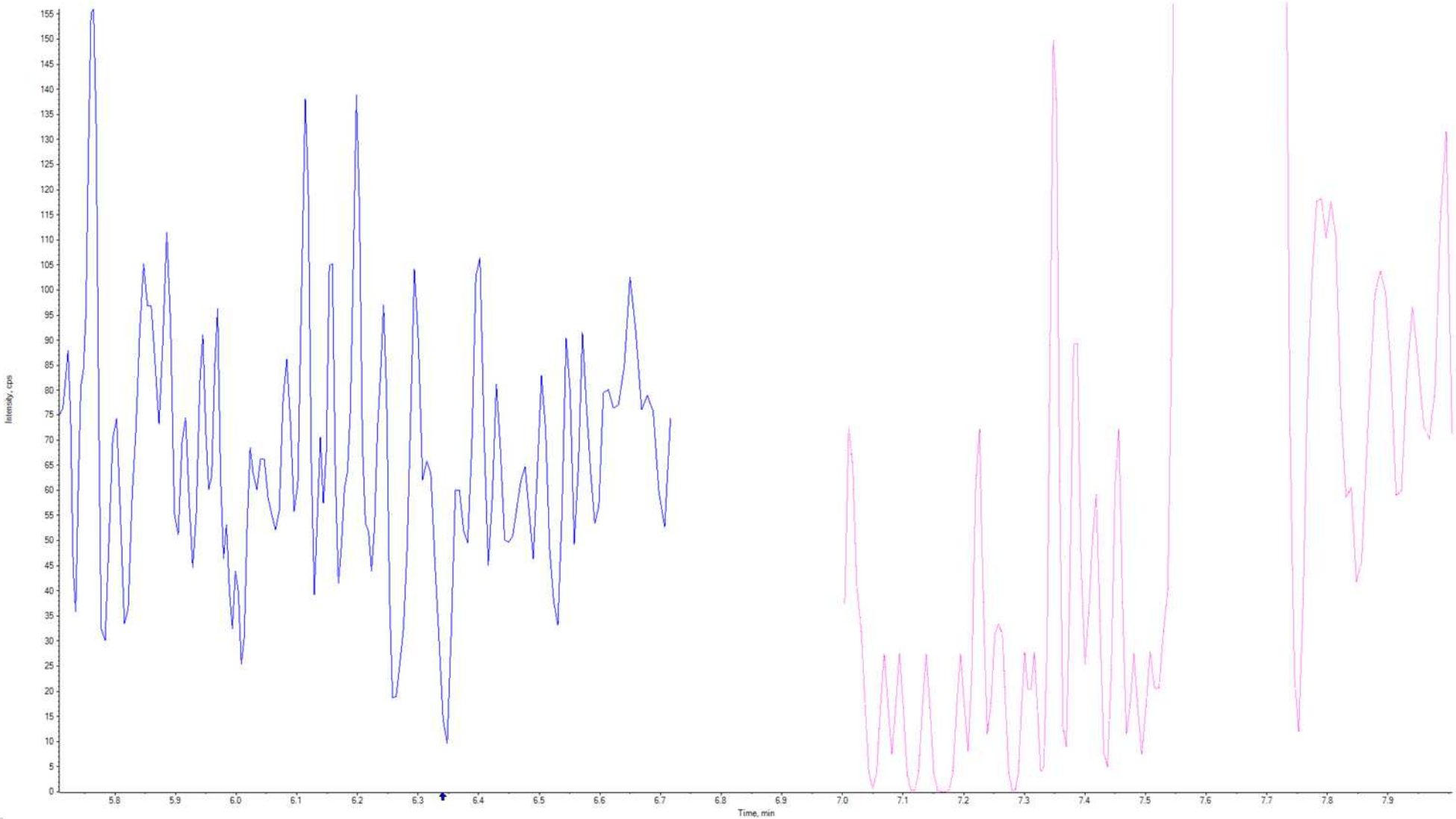
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Alpha Analytical Inc.
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Generated: 8/14/2024 9:40:32 AM

PFBS_2
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



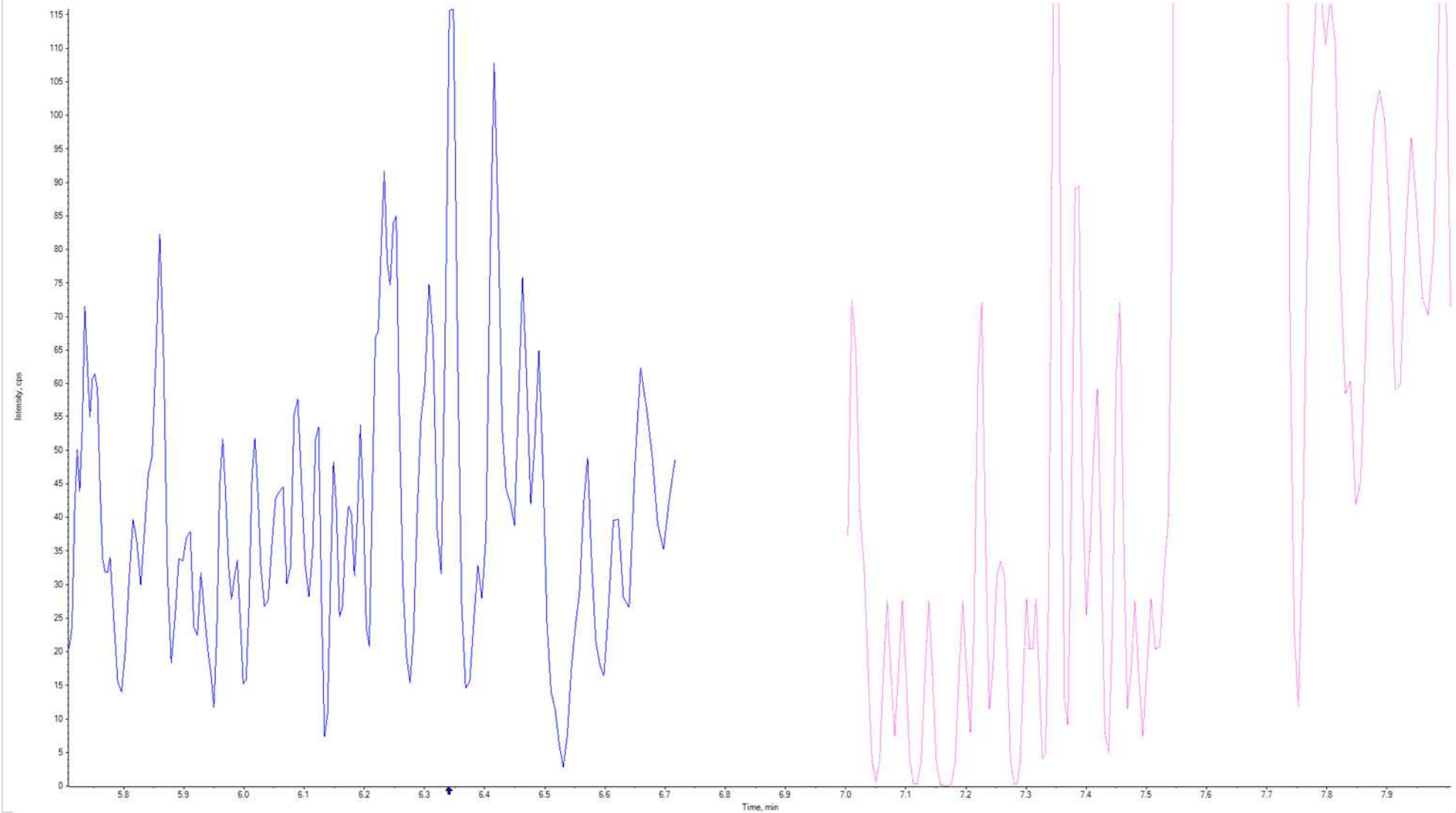
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PFPeS
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



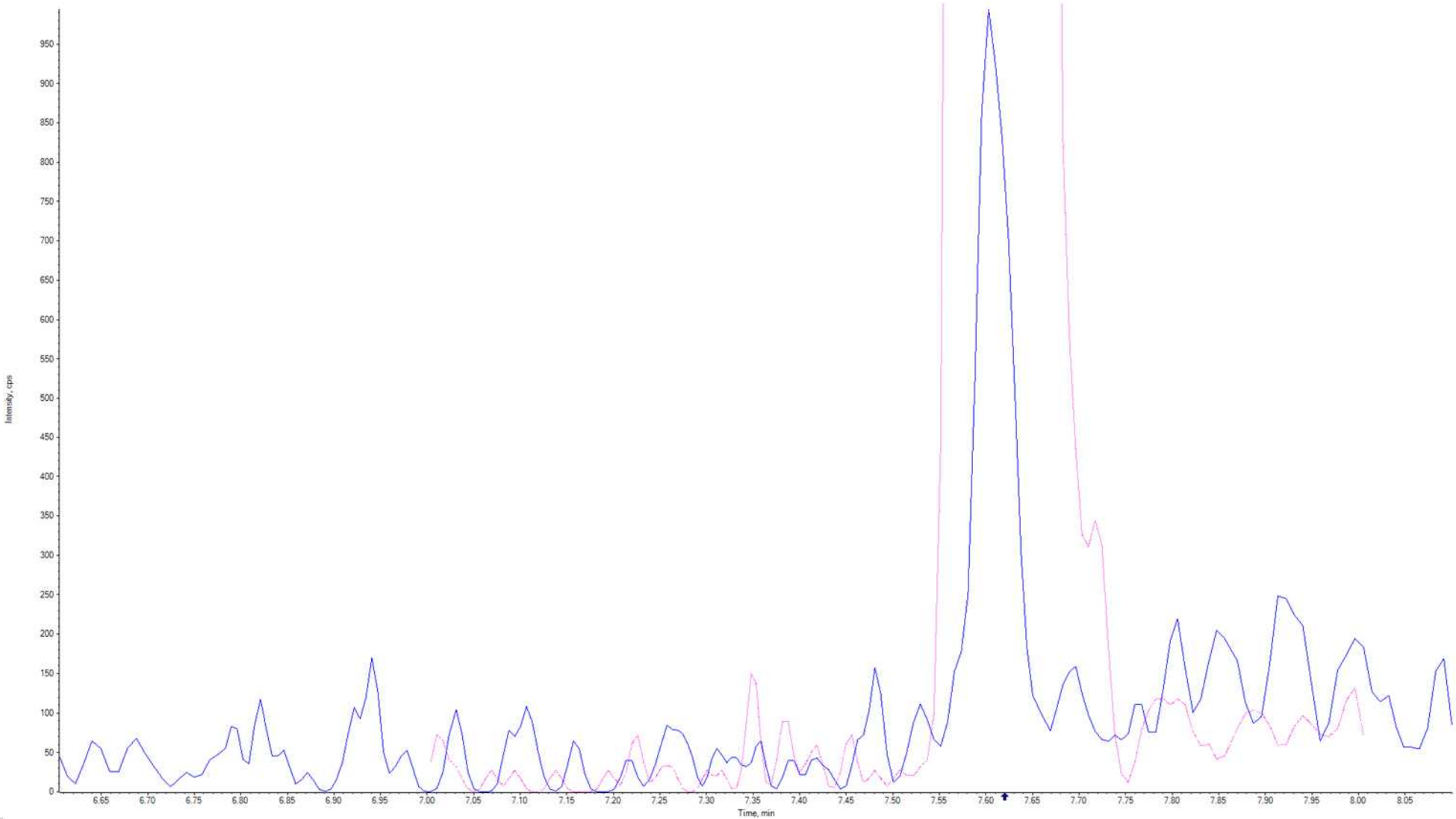
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PFPeS_2
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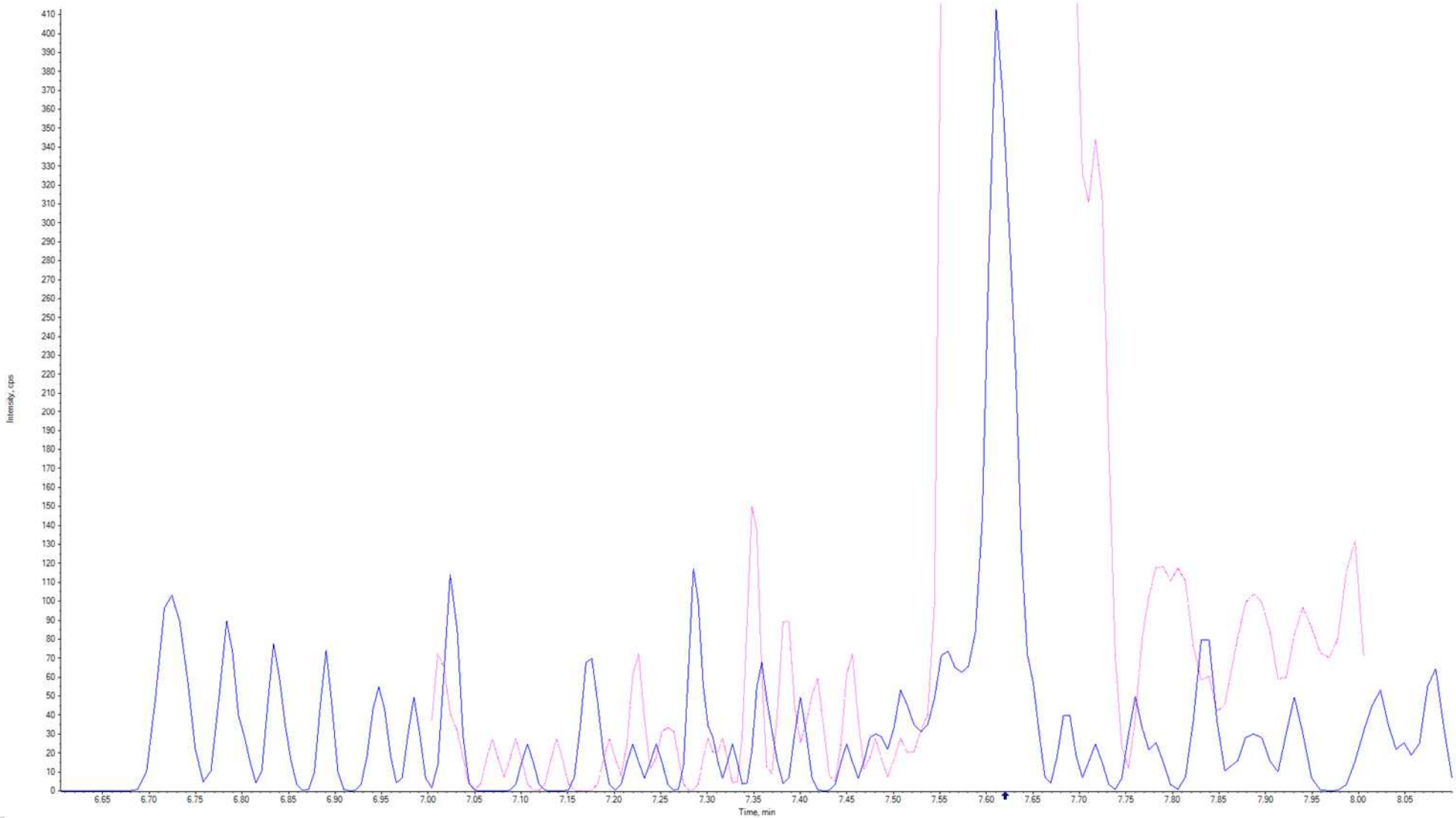
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PFHxS
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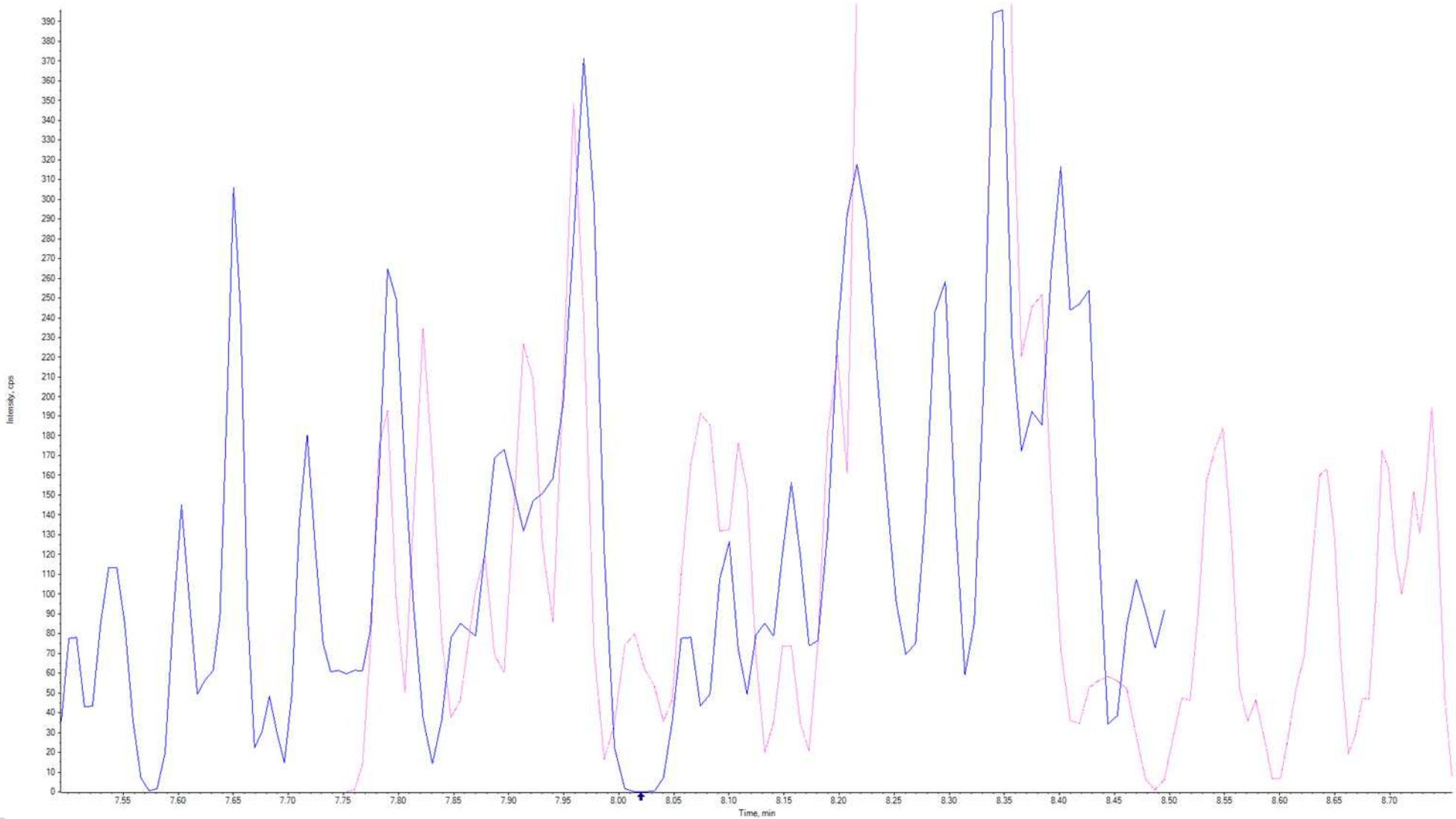
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PFHxS_2
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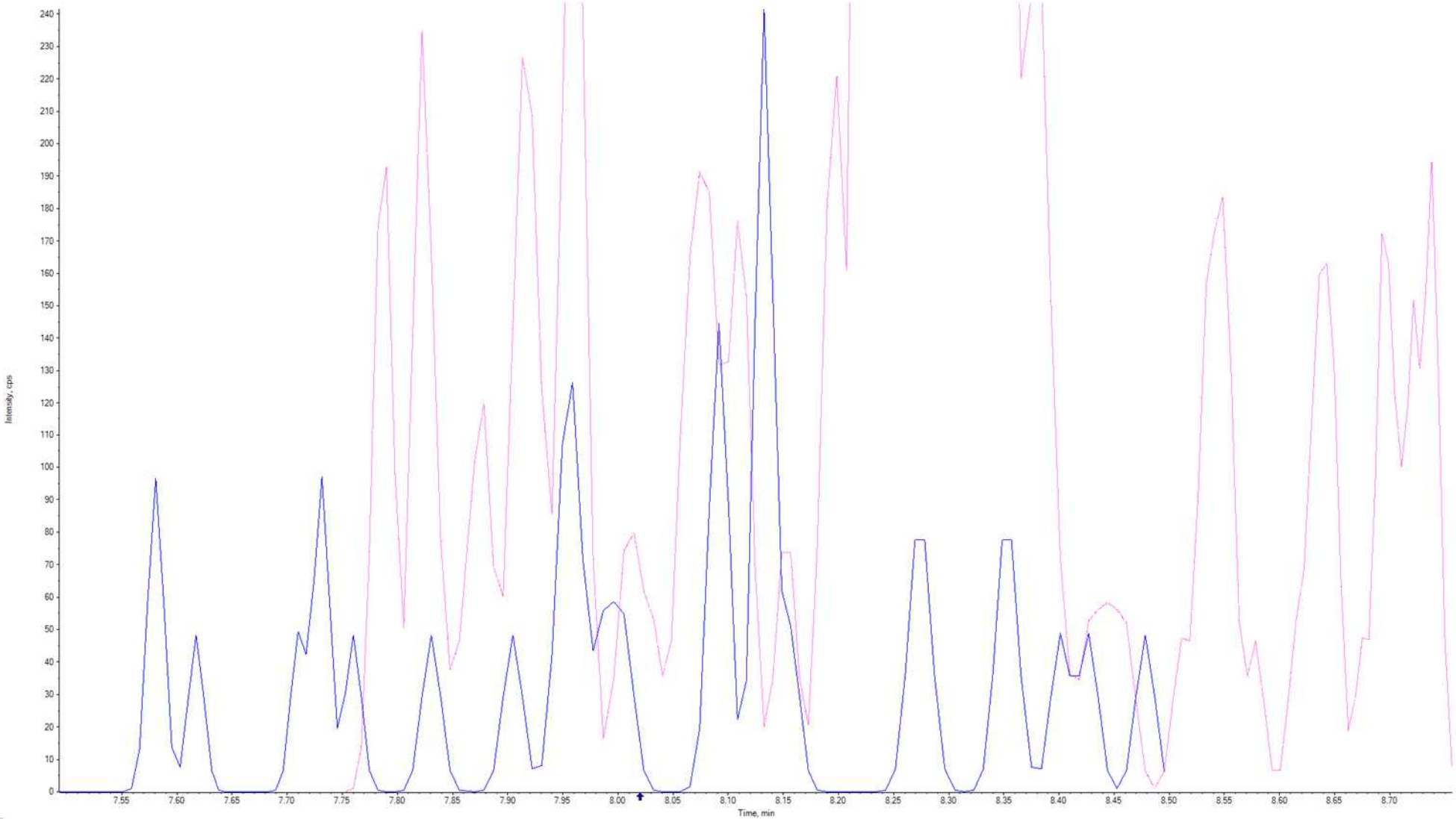
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PFHpS
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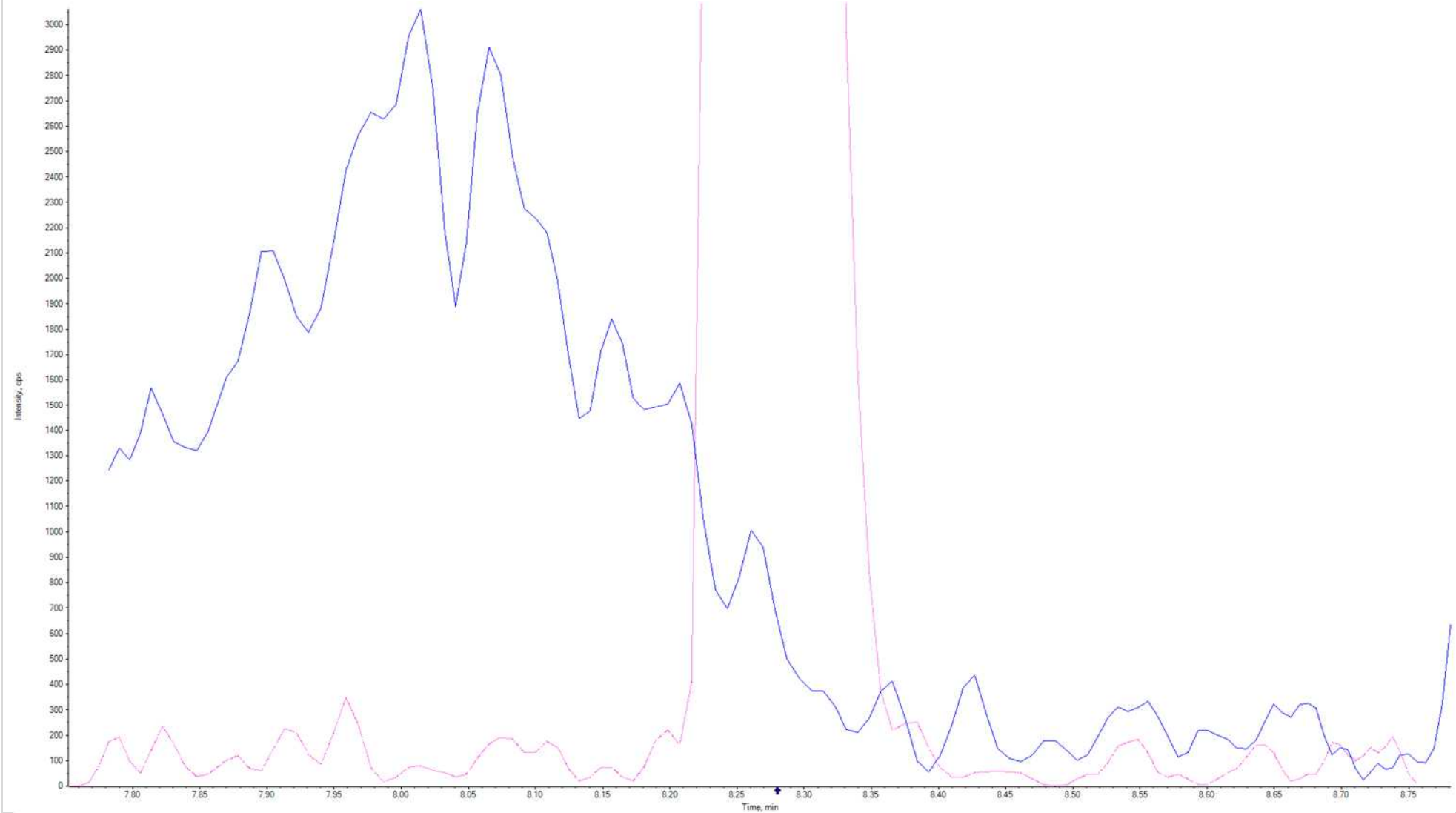
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PFHpS_2
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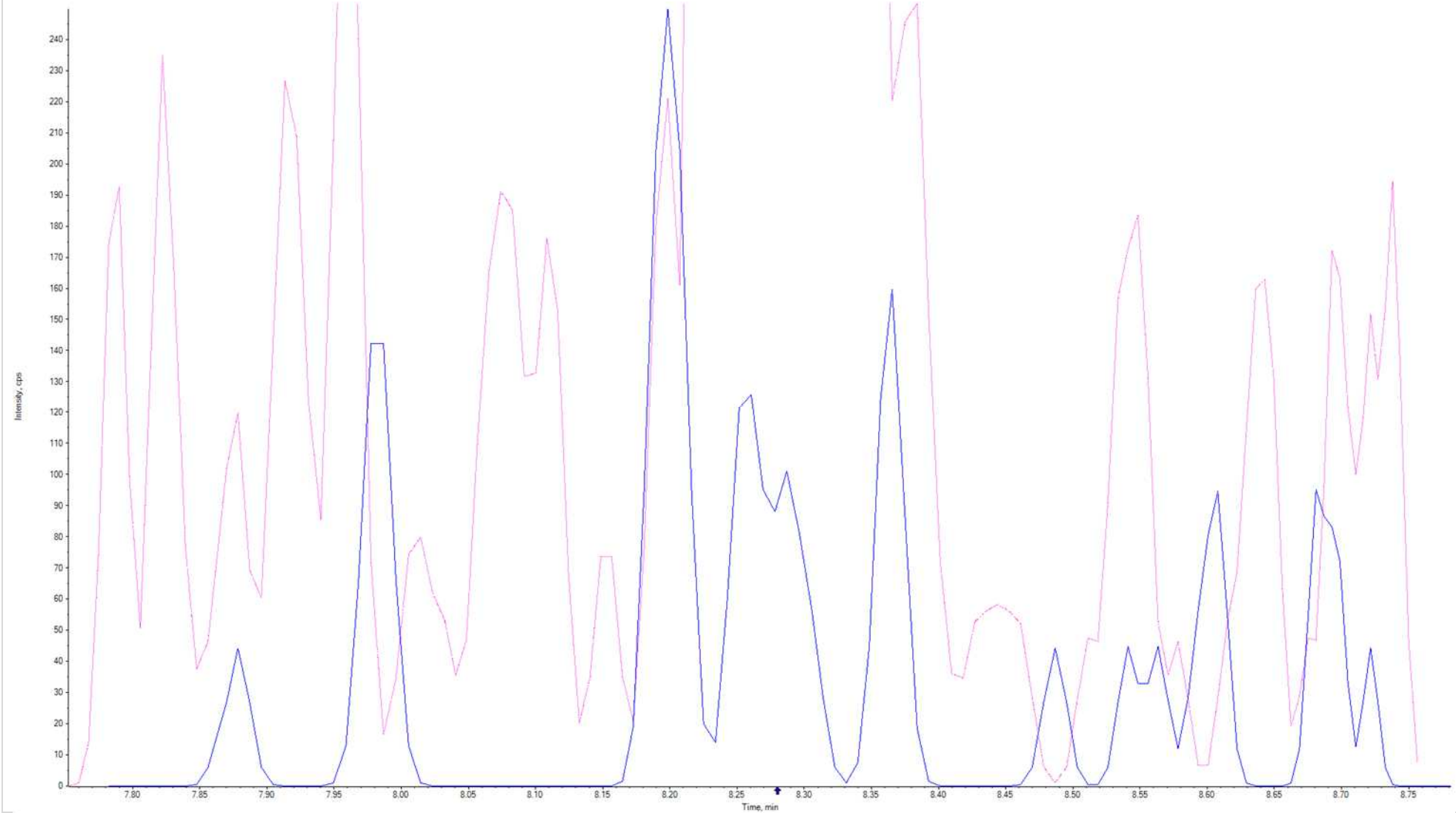
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PFOS
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



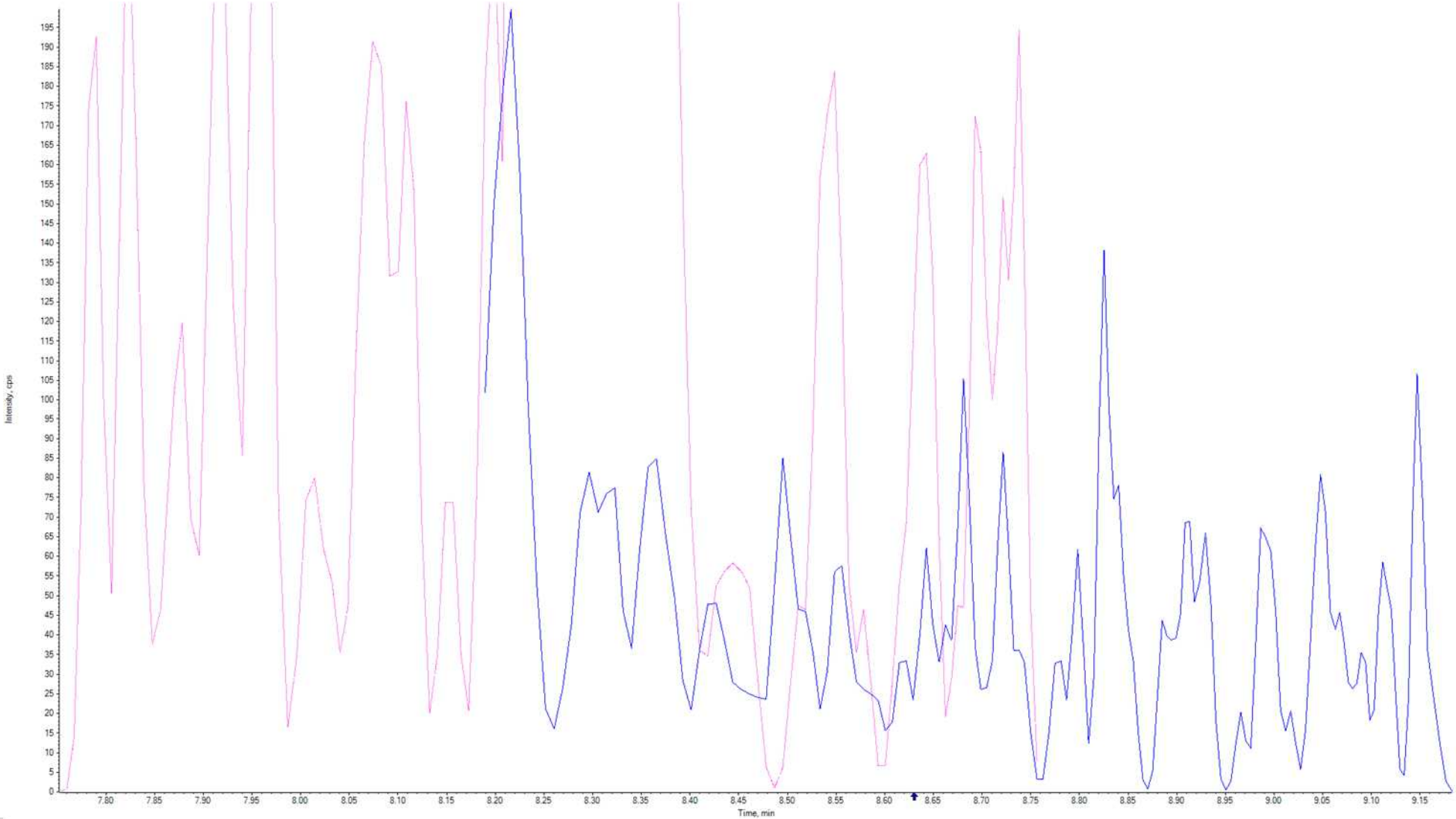
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PFOS_2
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



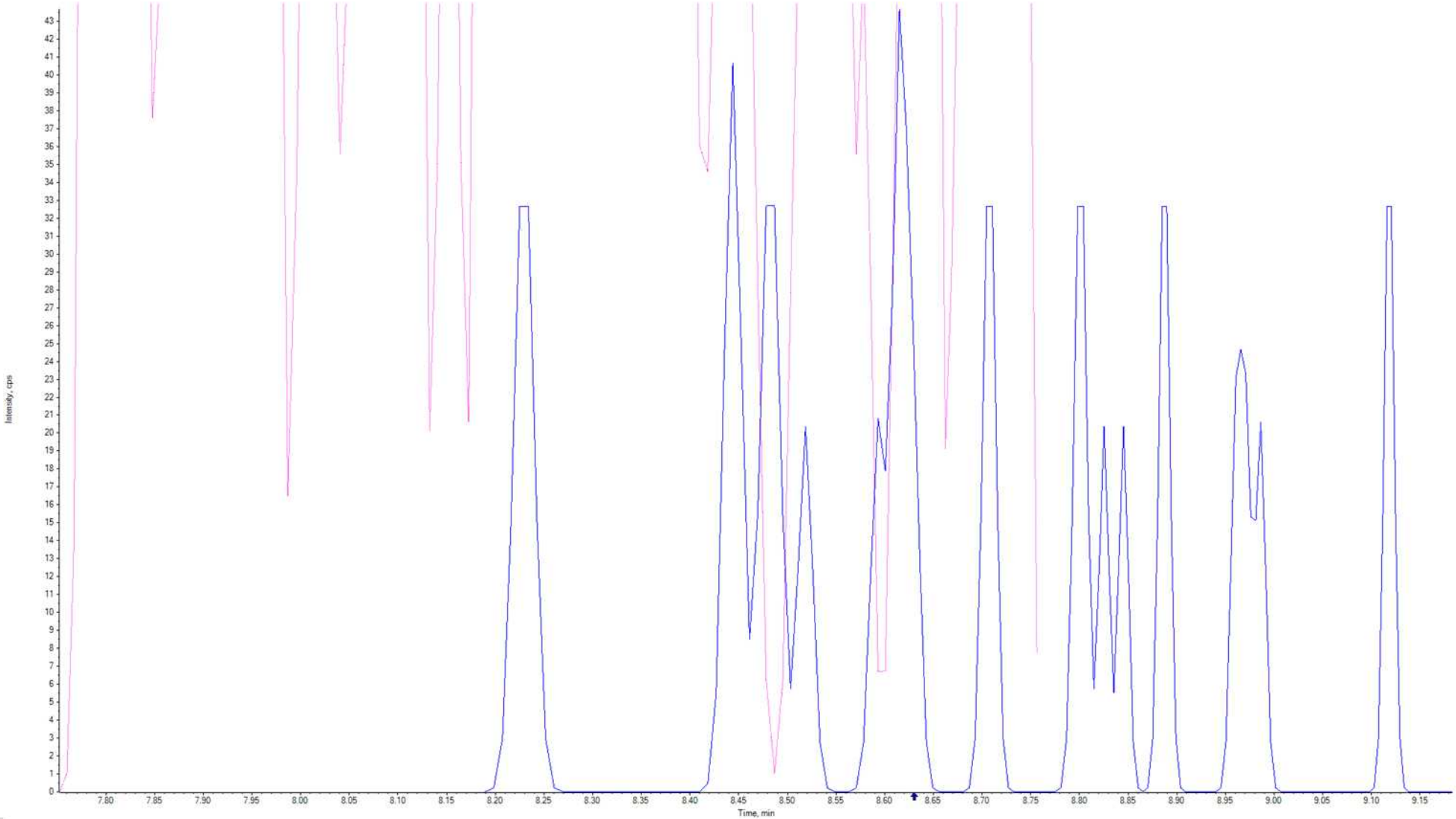
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PFNS
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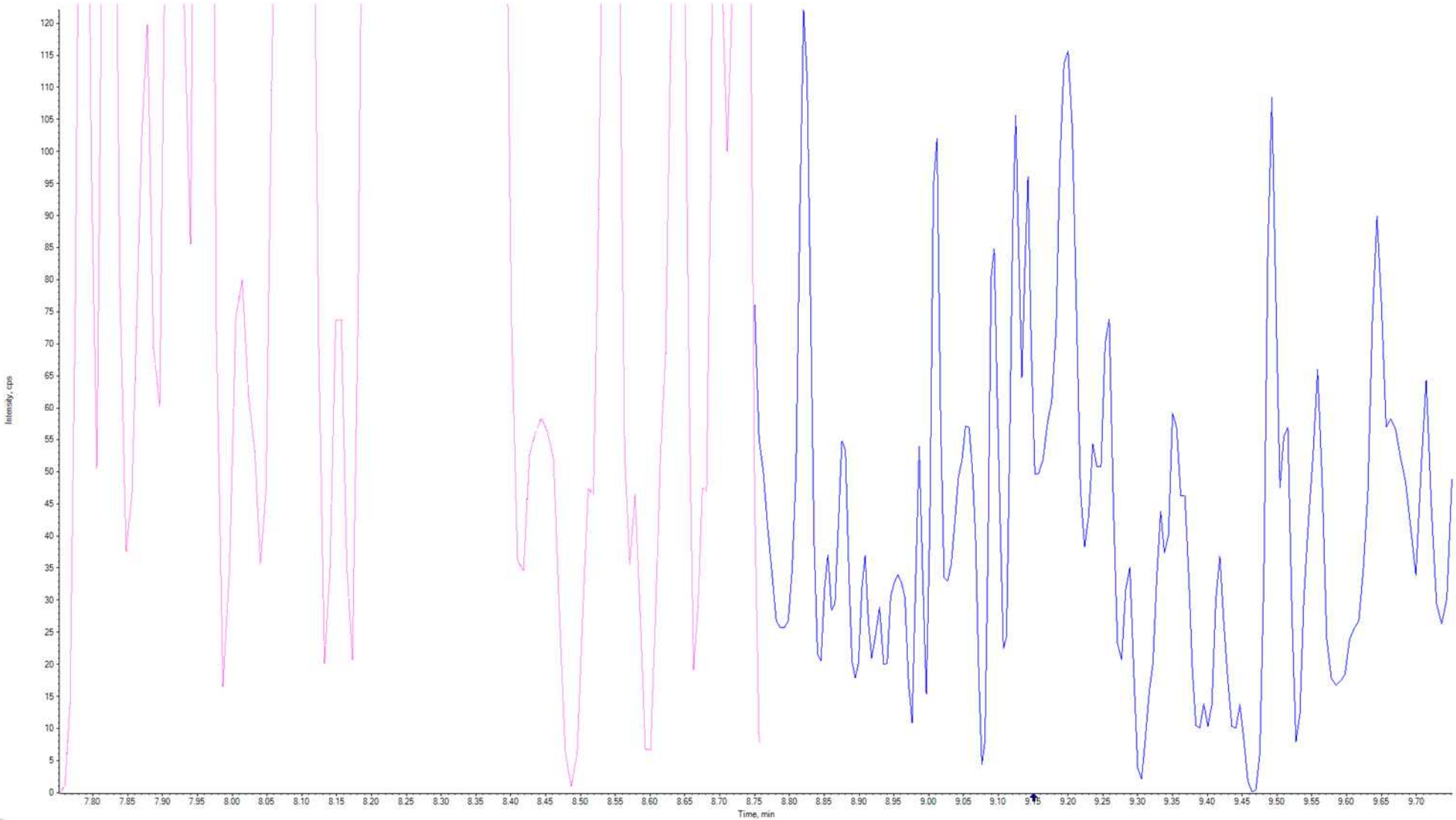
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PFNS_2
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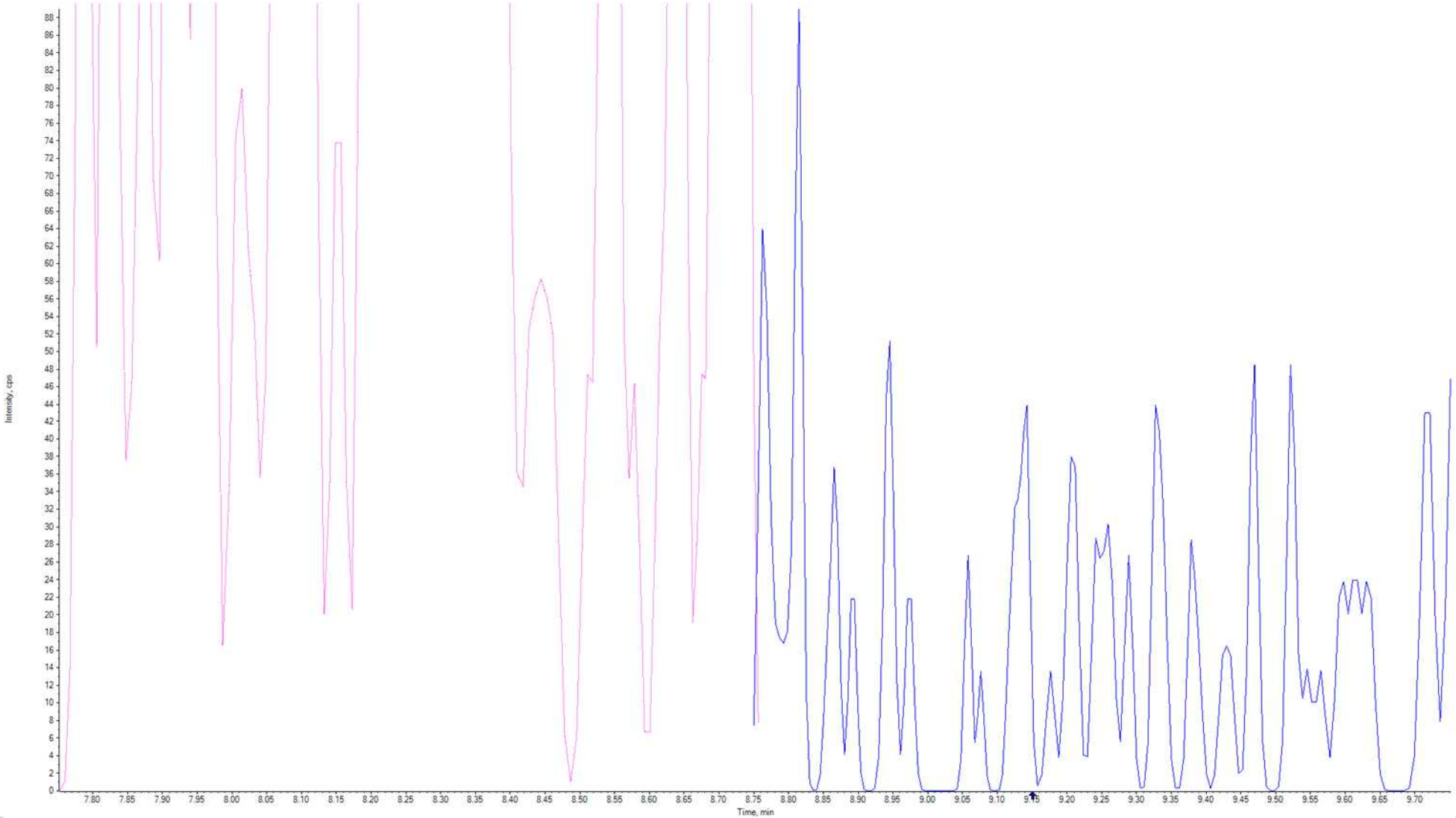
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PFDS
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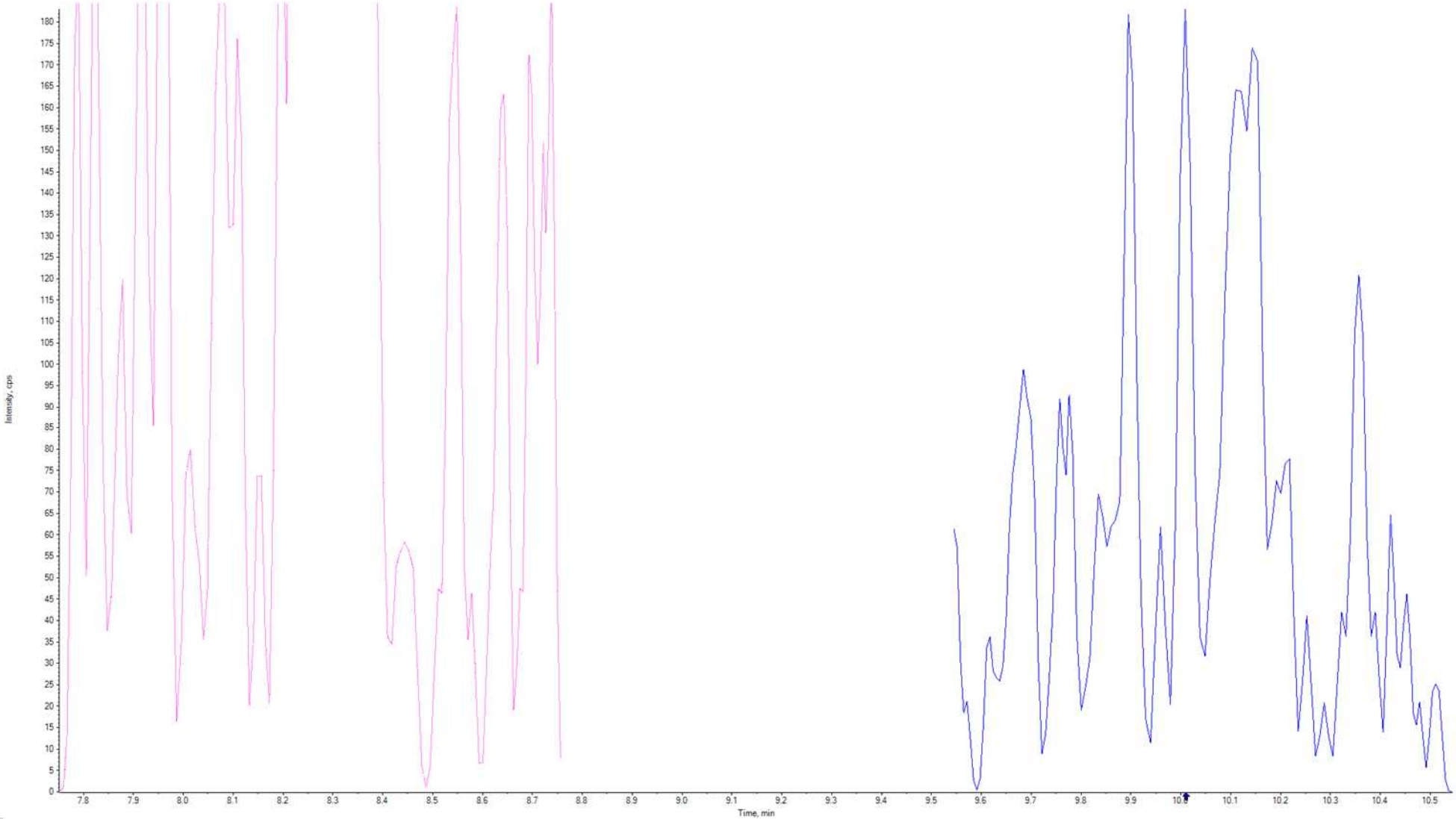
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Last Altered: 8/14/2024 9:55:24 AM
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PFDS_2
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



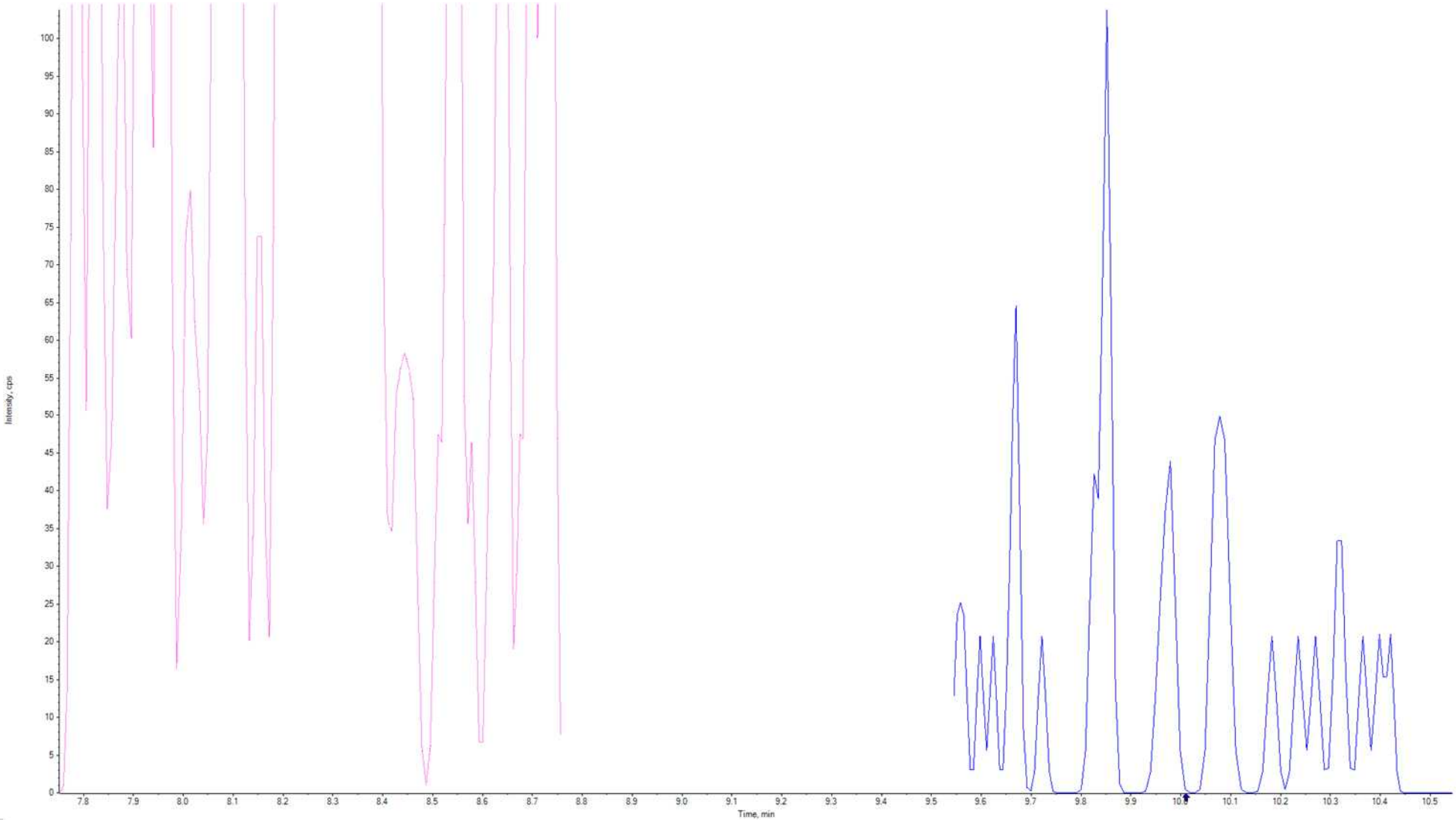
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PFDoS
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



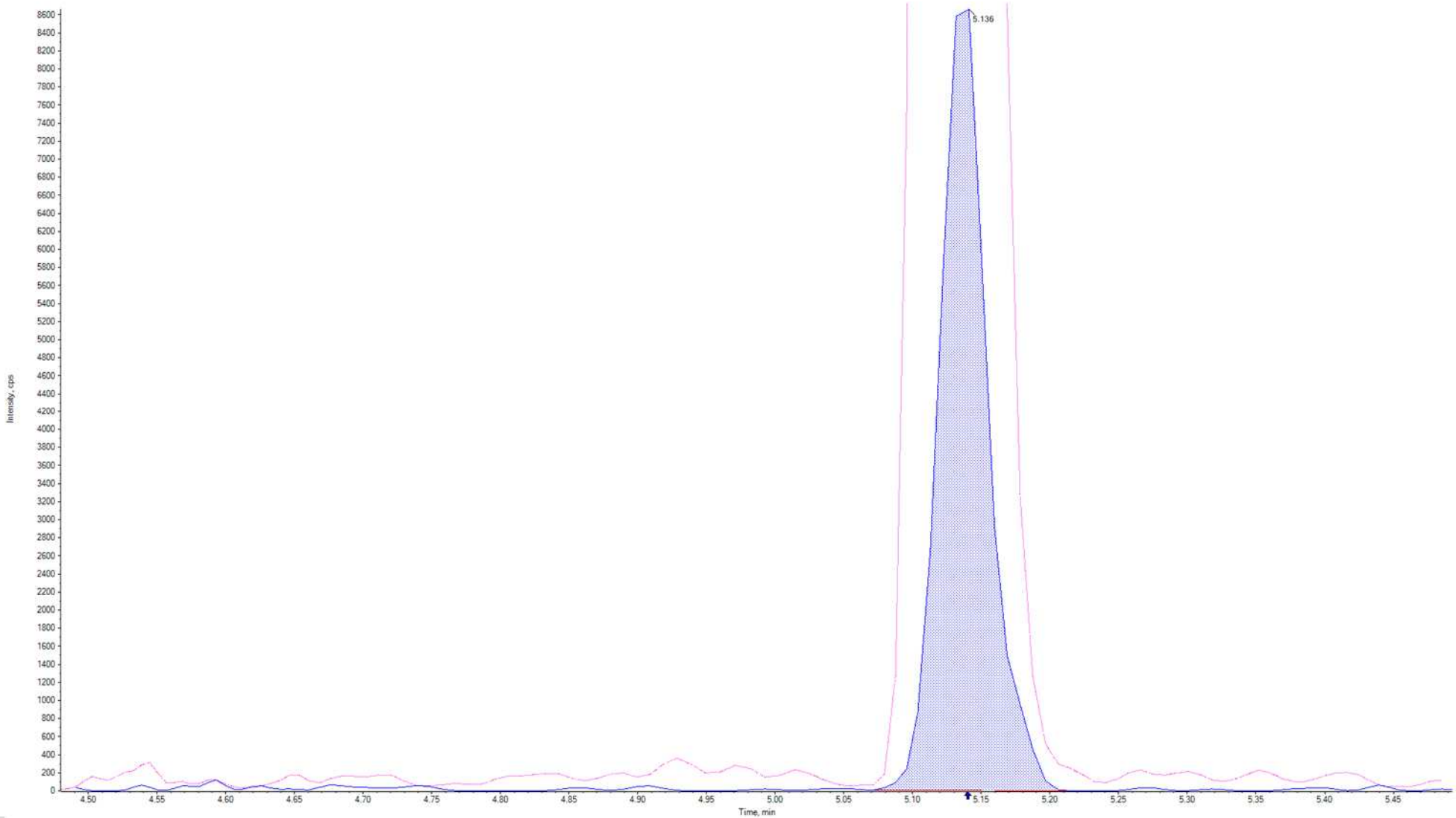
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PFDoS_2
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



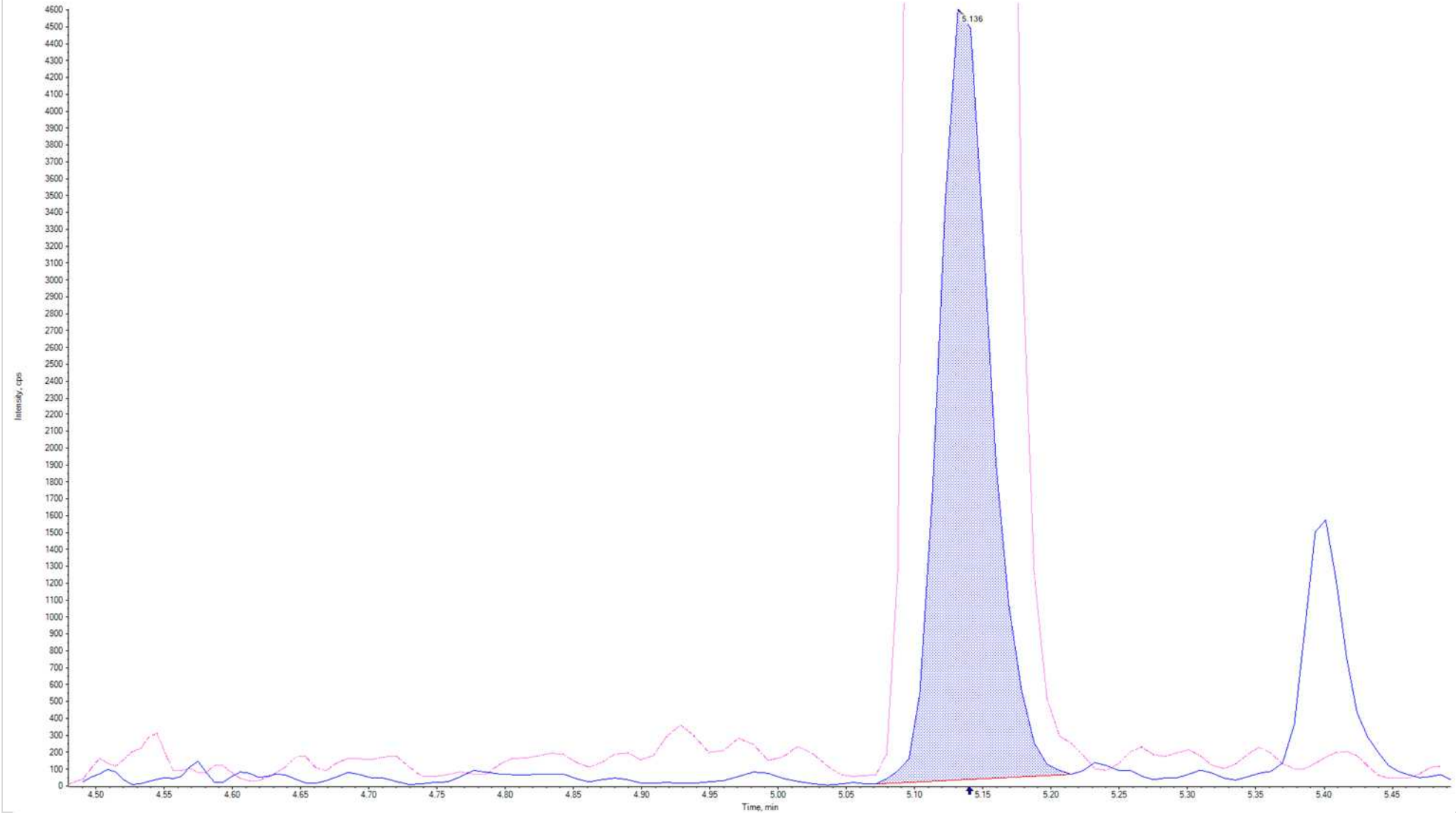
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4:2FTS
Sample: WG1958909-6,INSTBLANK S/N:197061.6 Points Across peak:18



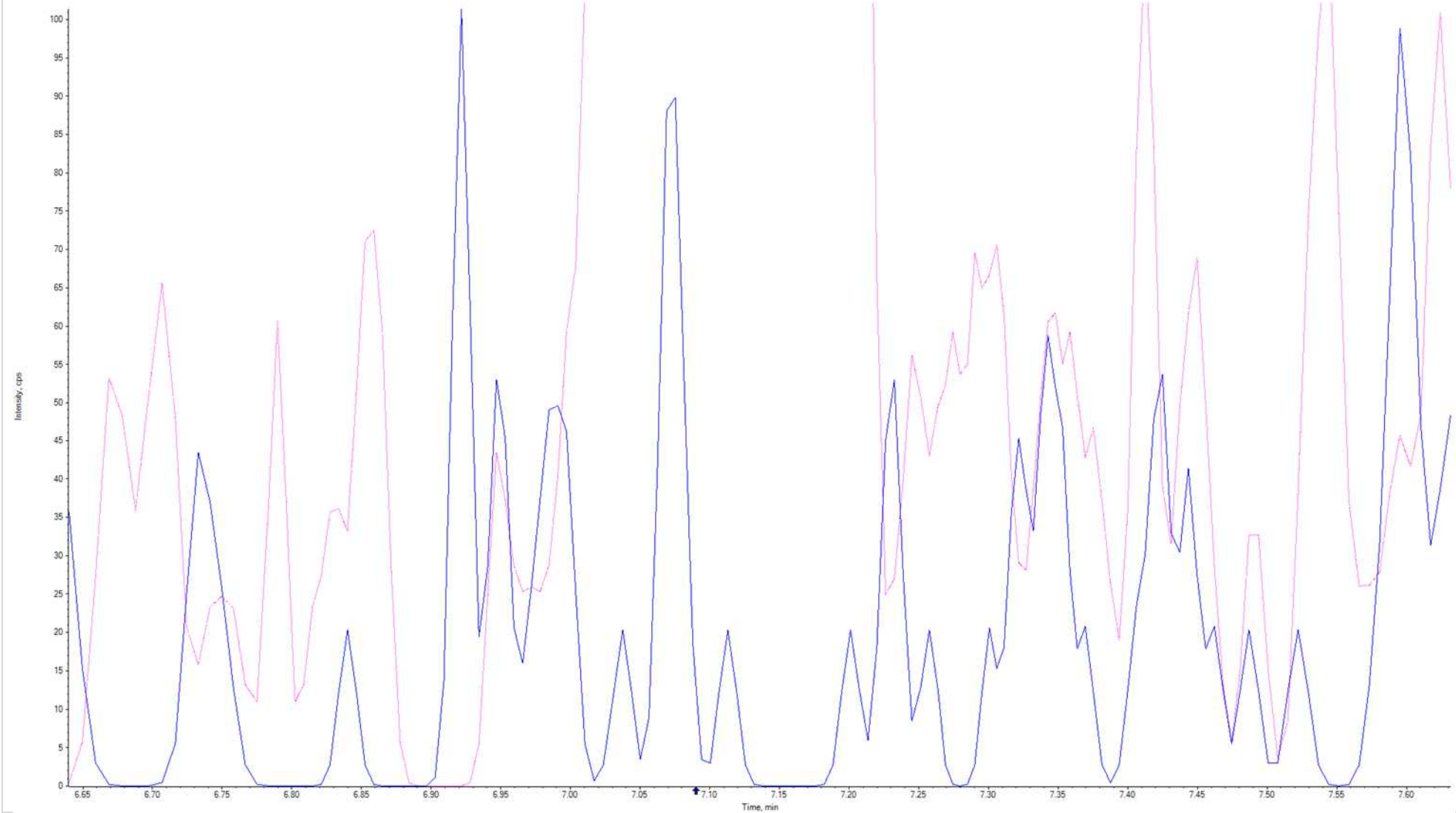
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4:2FTS_2
Sample: WG1958909-6,INSTBLANK S/N:377.2 Points Across peak:17



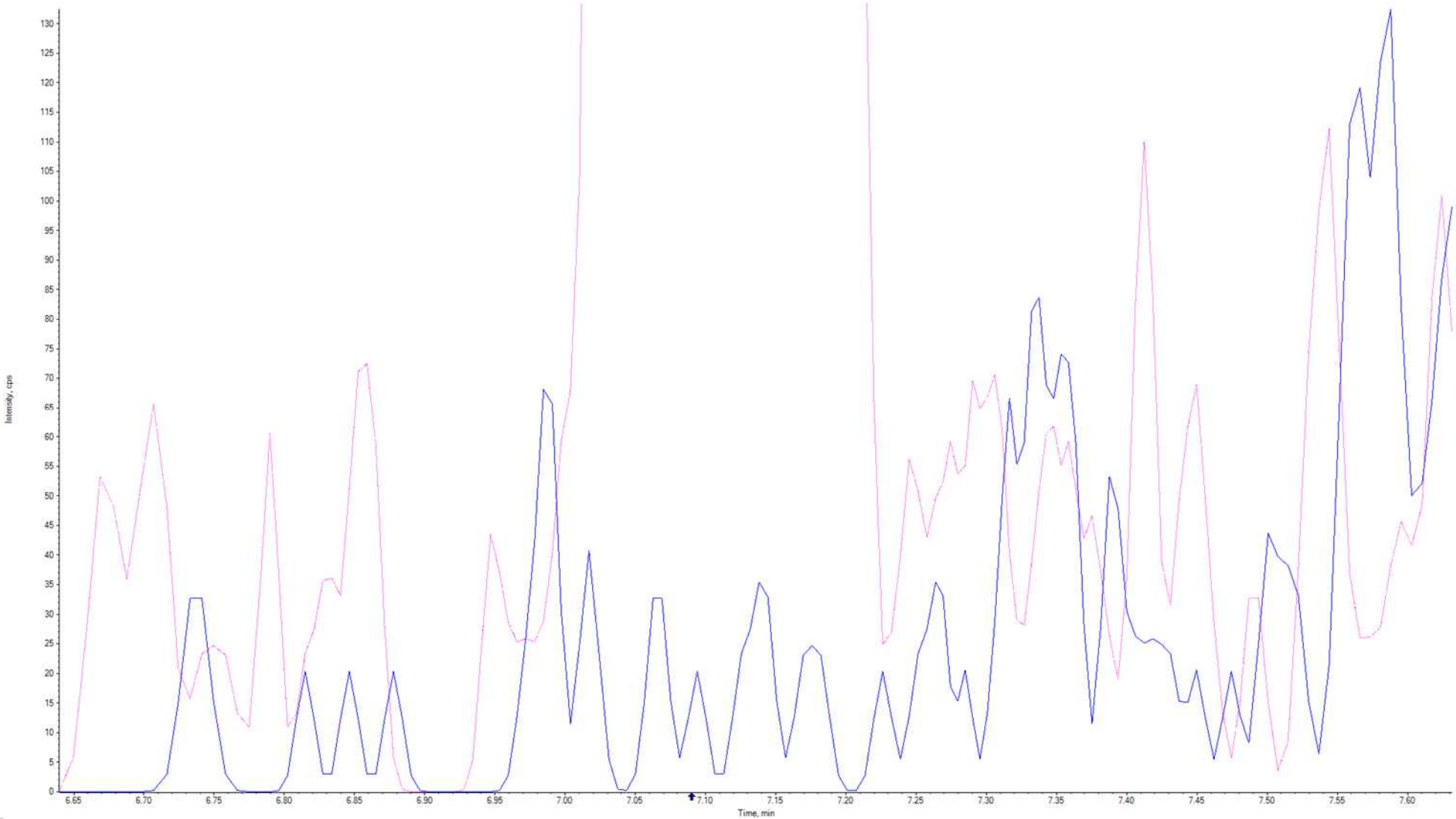
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6:2FTS
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



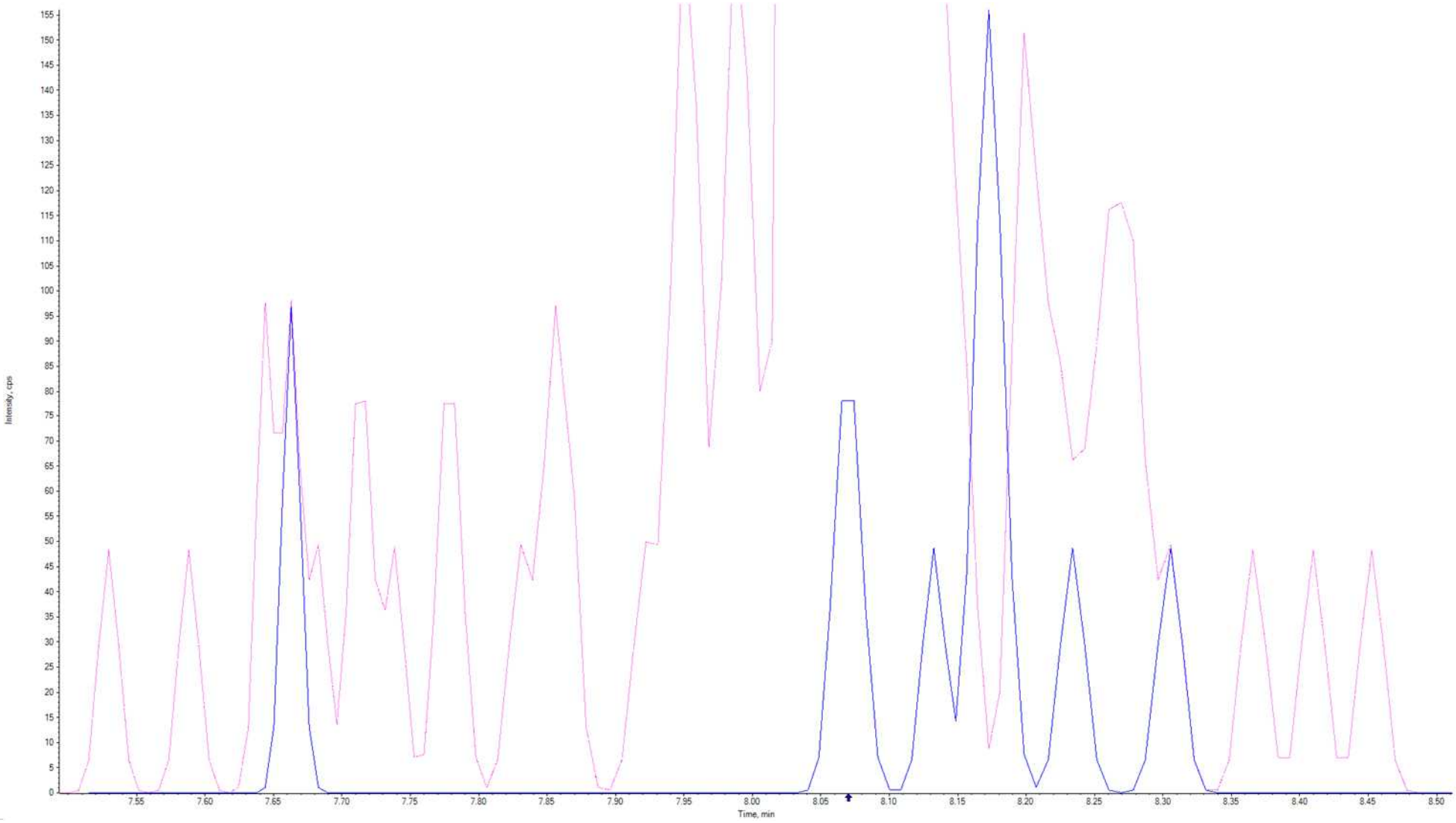
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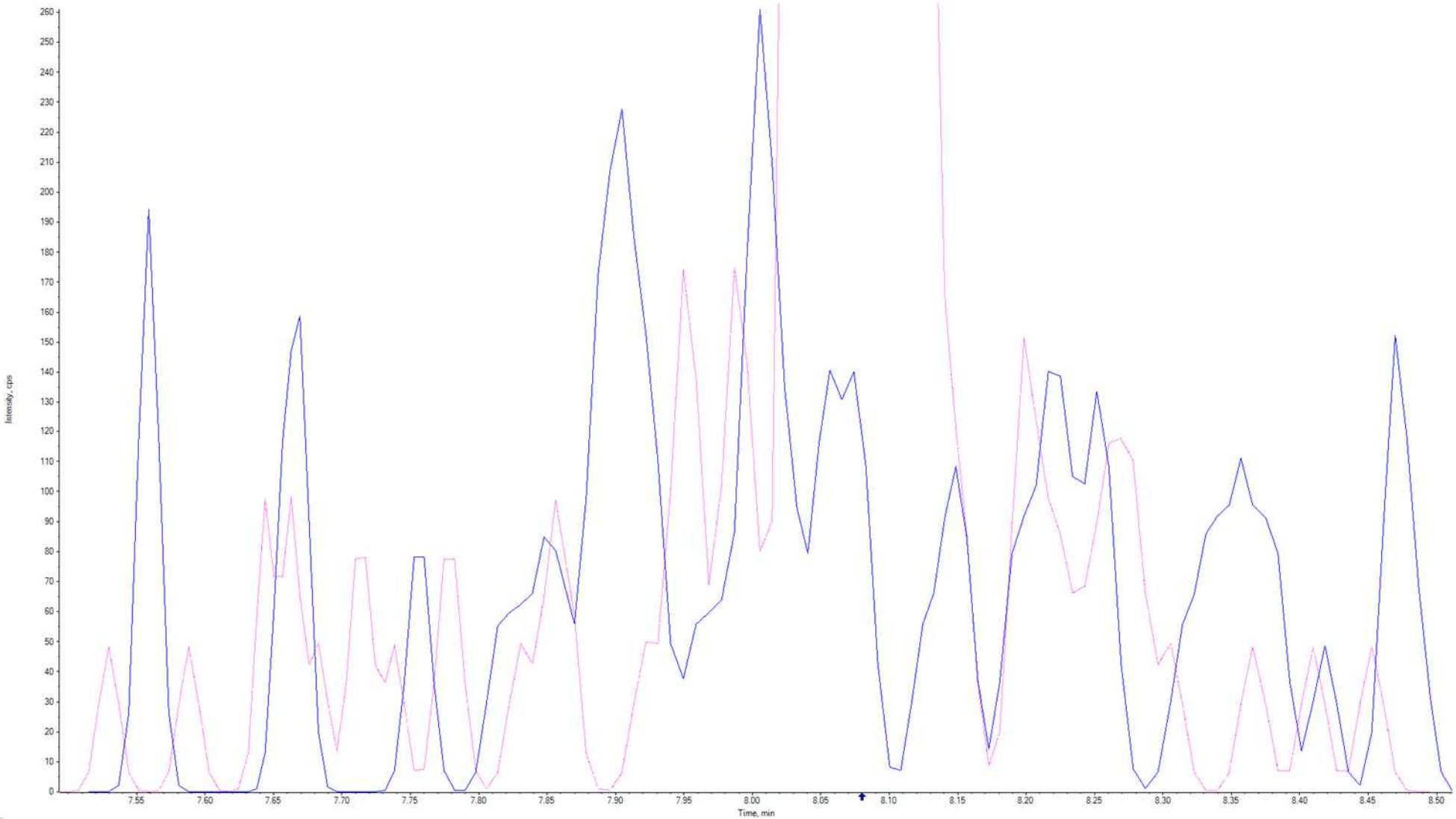
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8:2FTS
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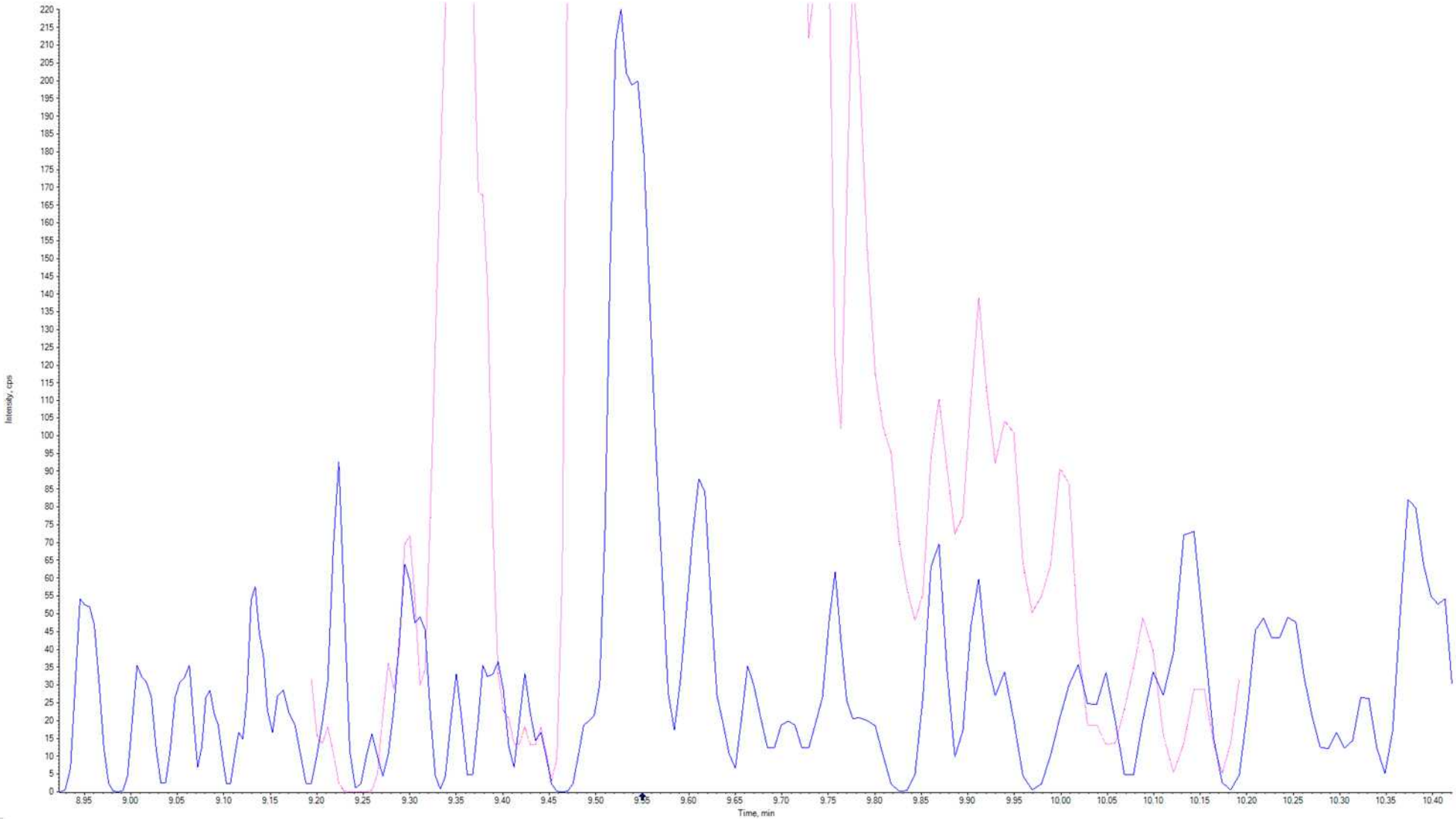


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8:2FTS_2
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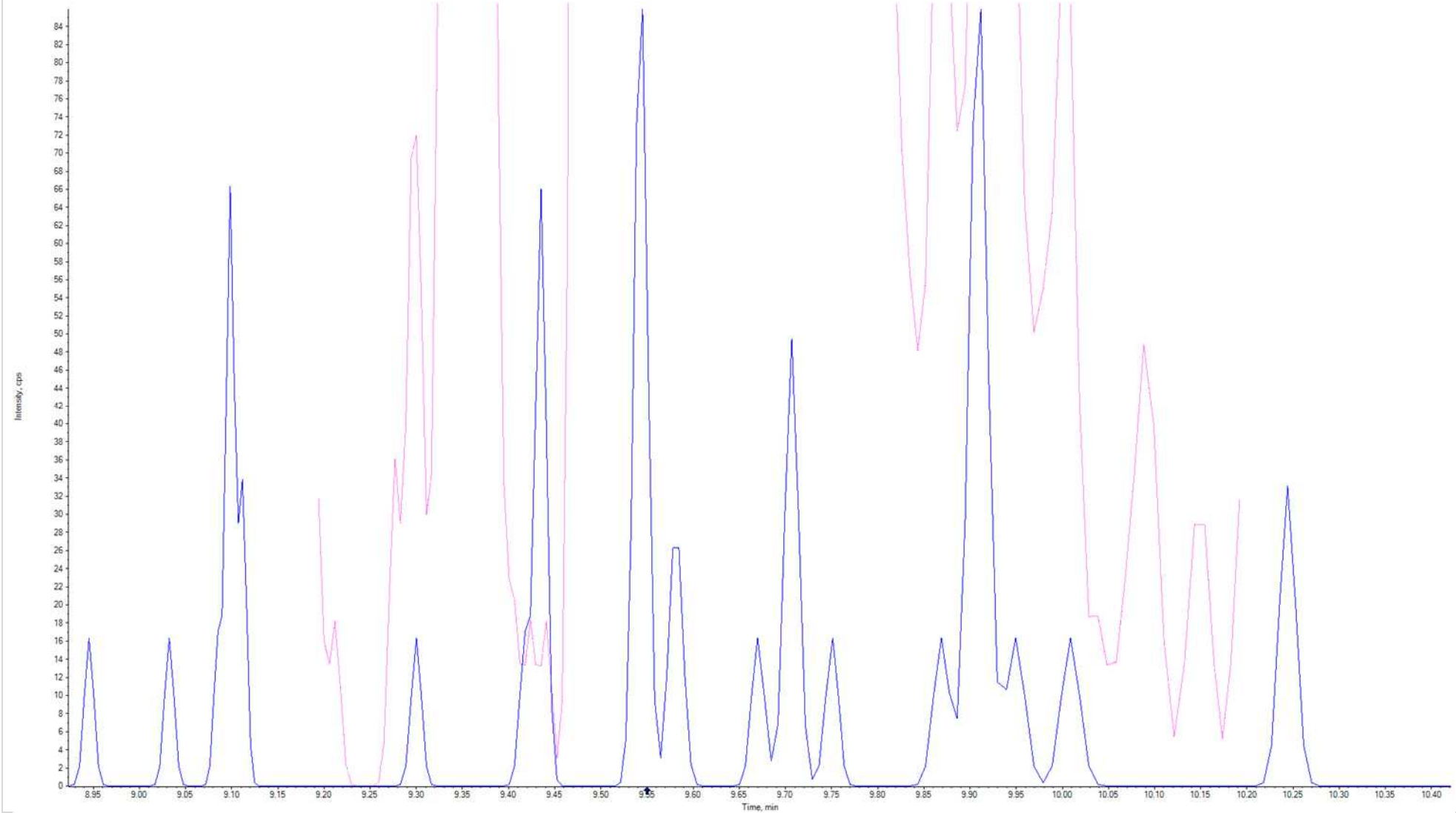


PFOSA
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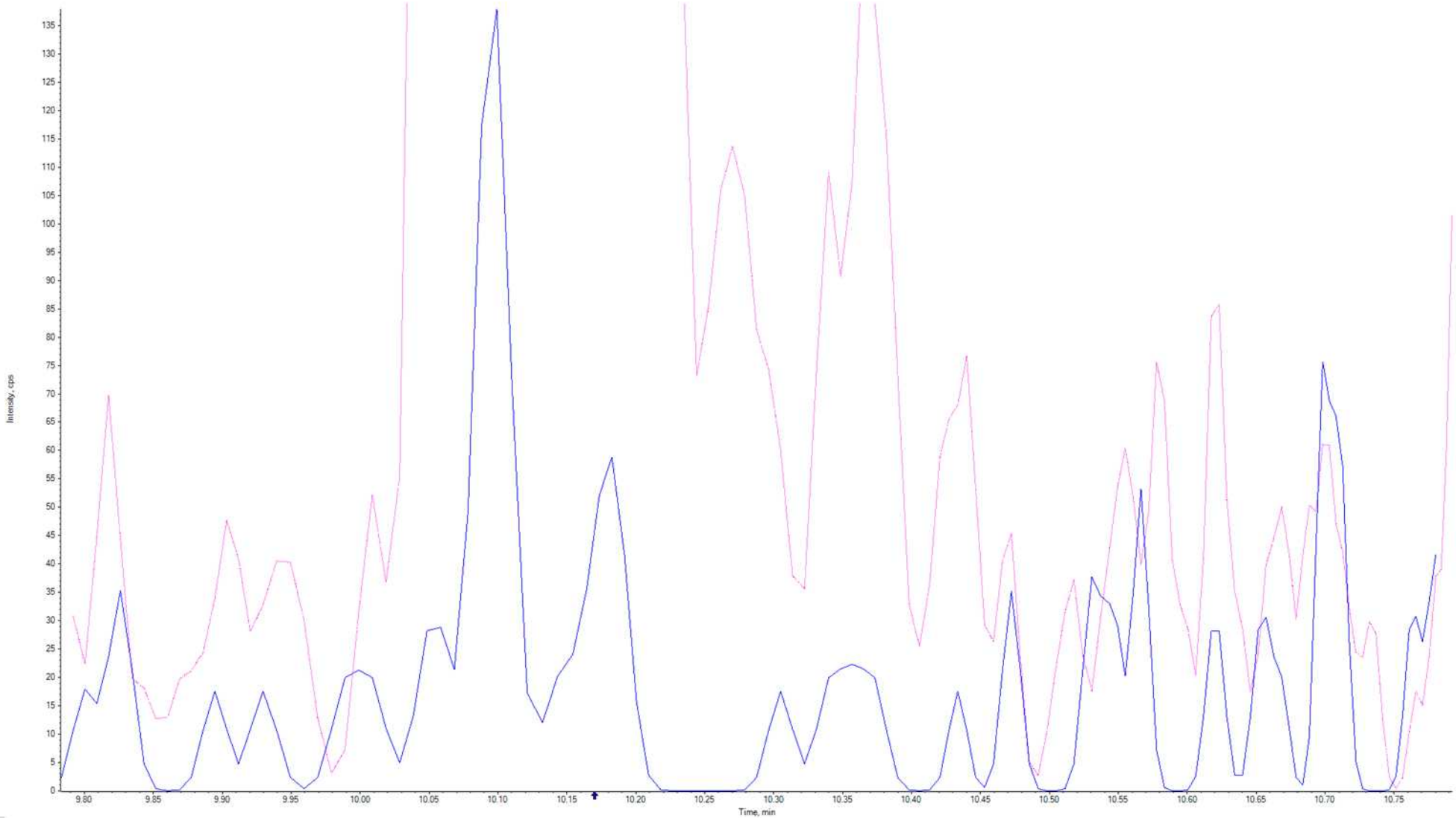
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PFOSA_2
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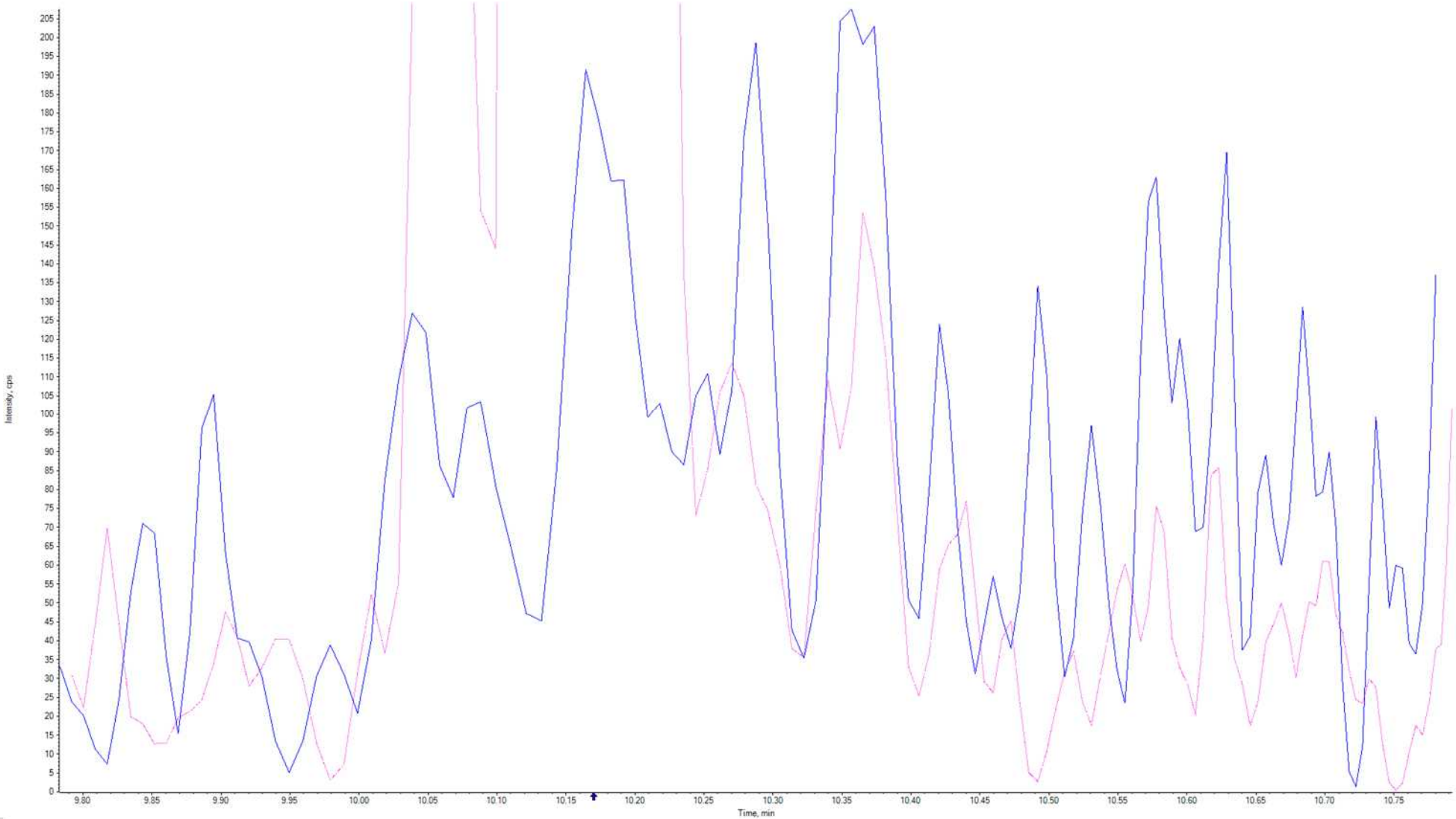
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NMeFOSA
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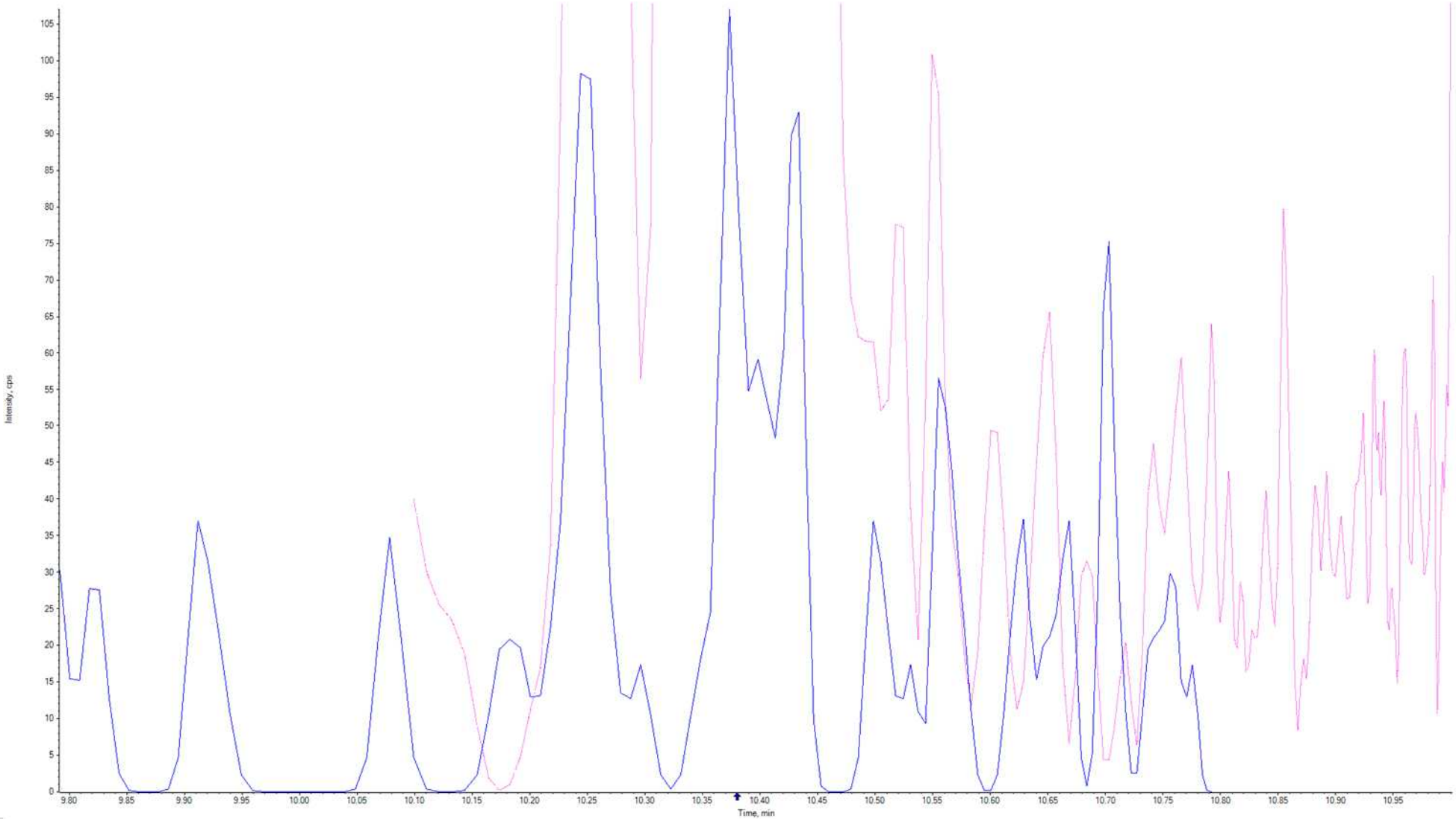
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NMeFOSA_2
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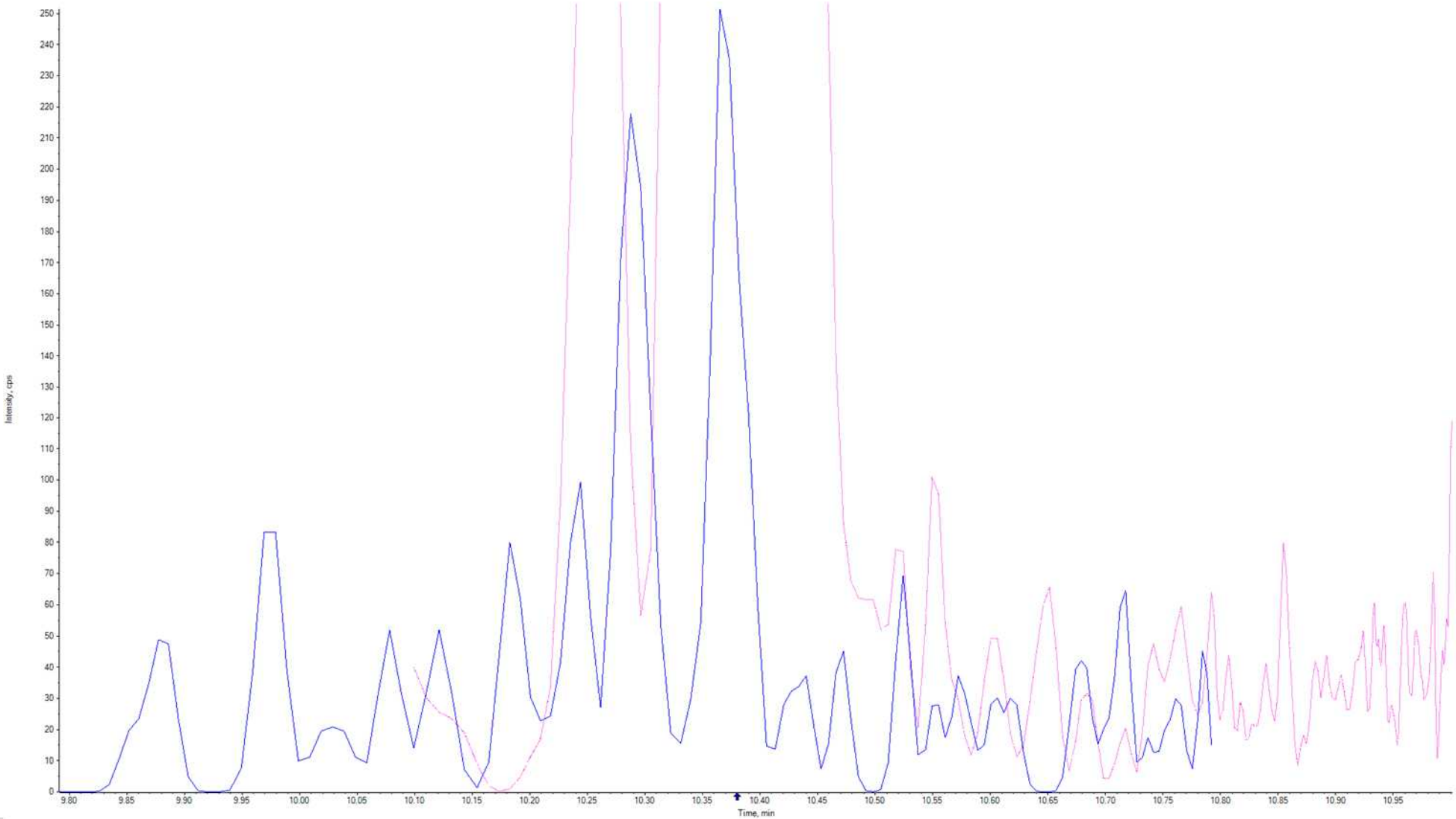
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NEtFOSA
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



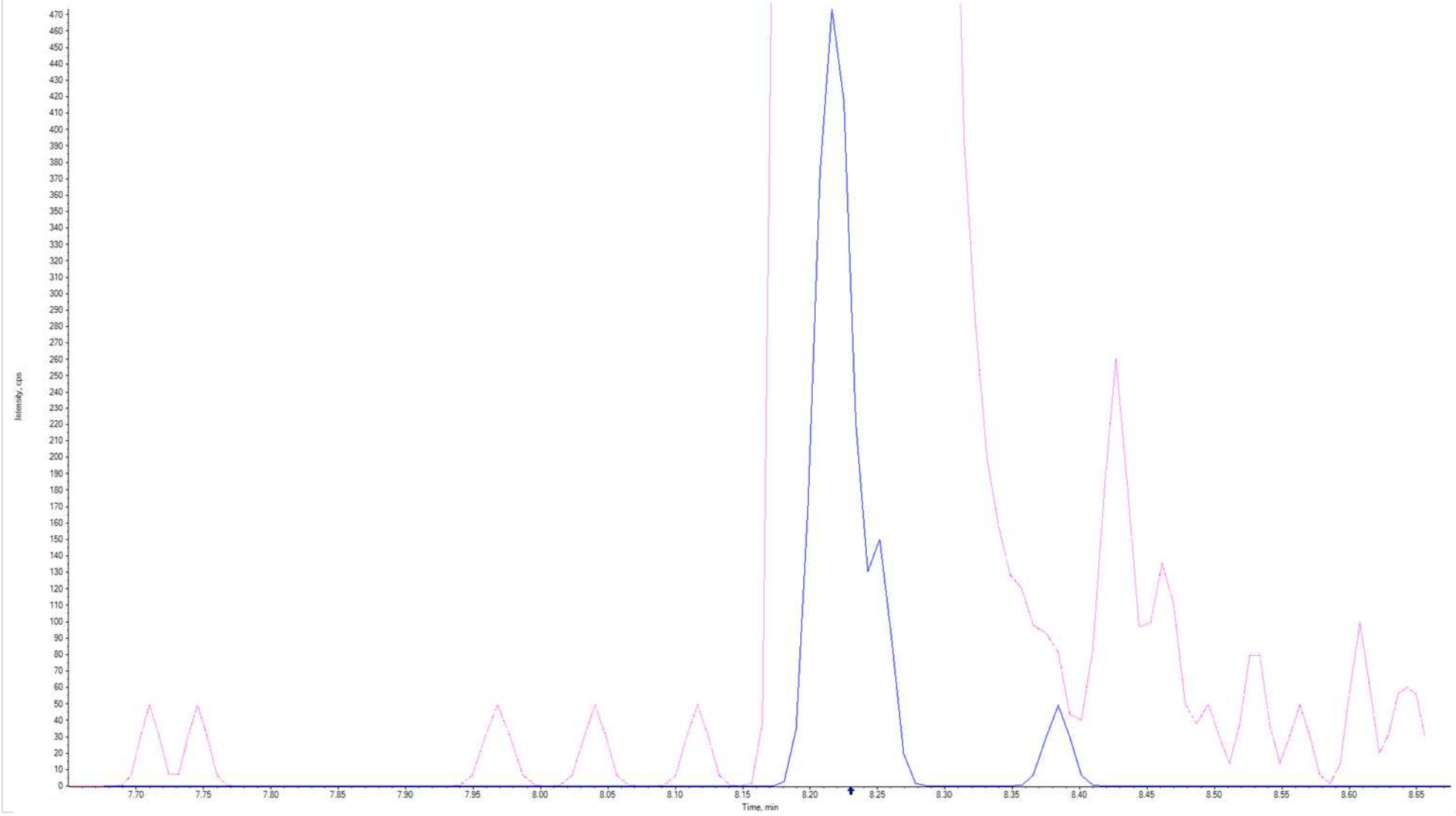
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Alpha Analytical Inc.
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NEtFOSA_2
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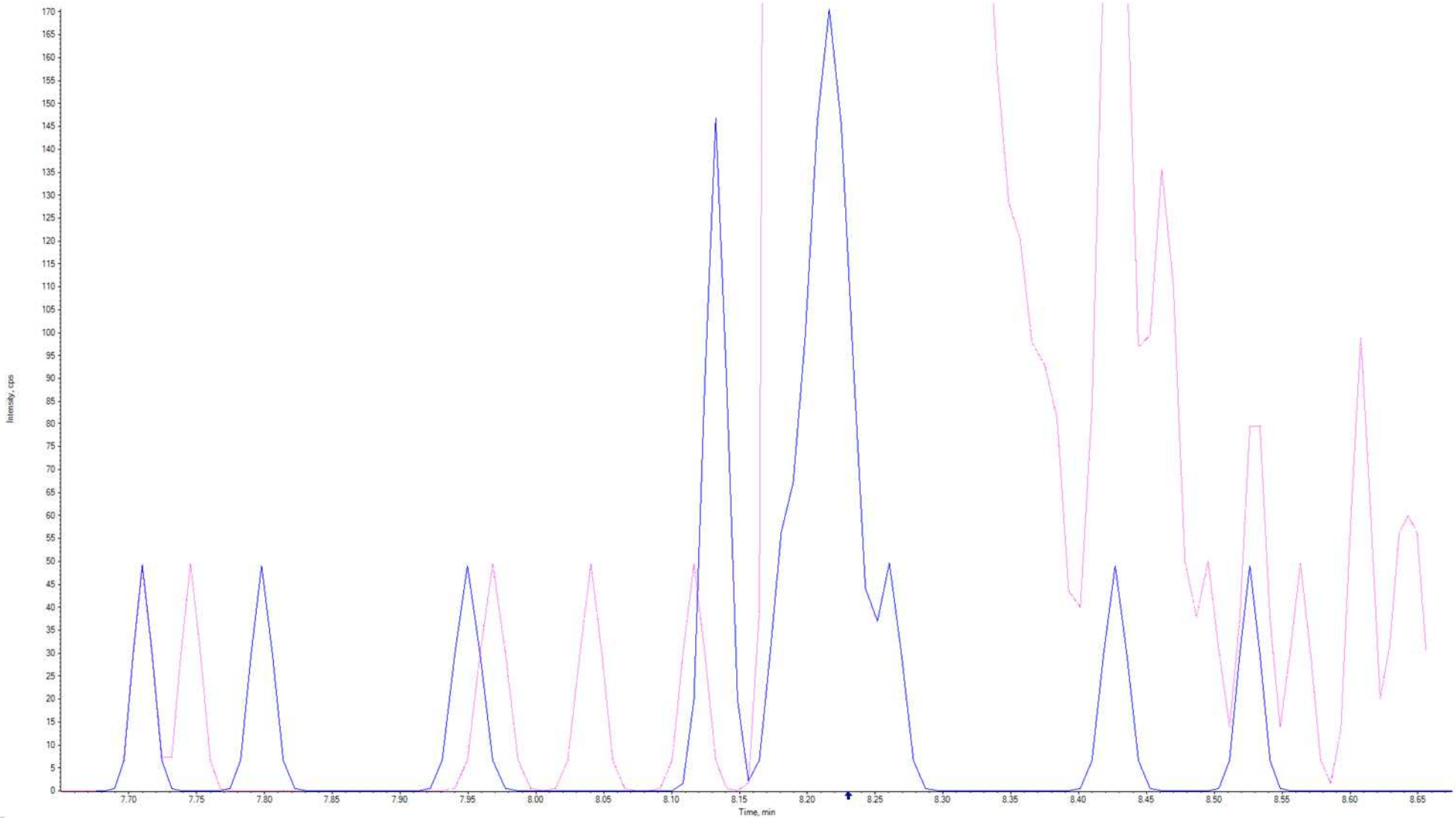
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NMeFOSAA
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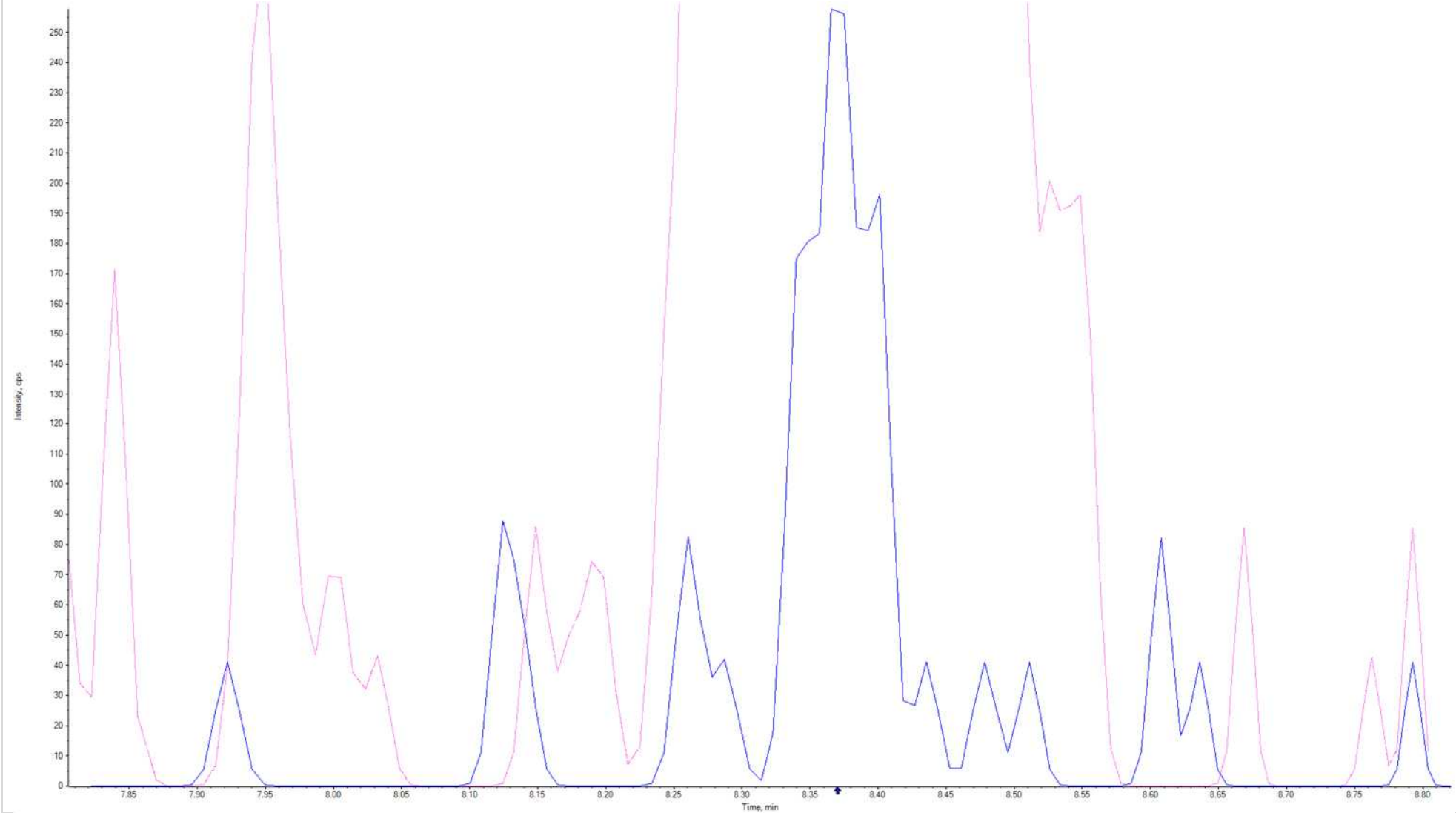


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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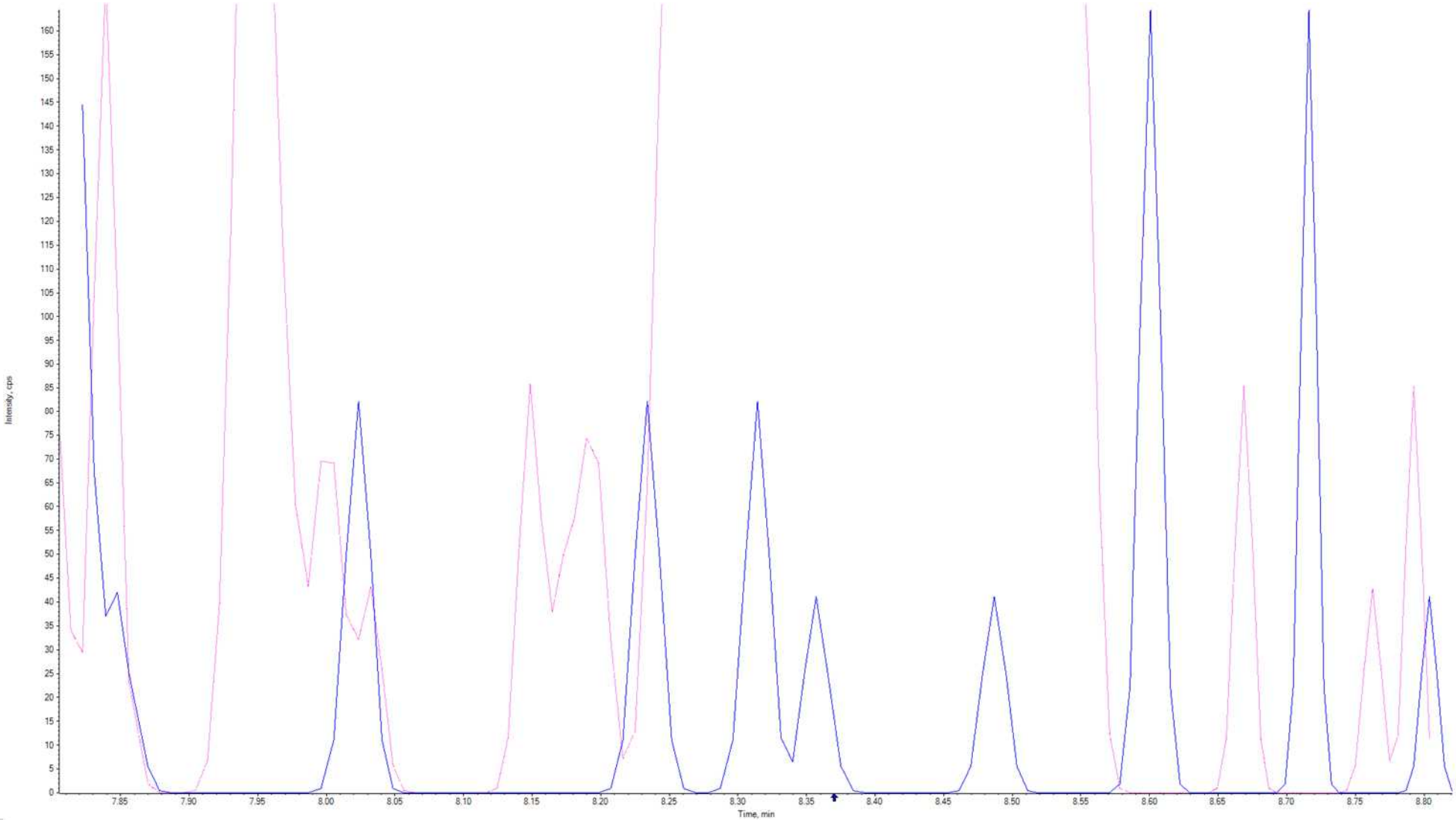


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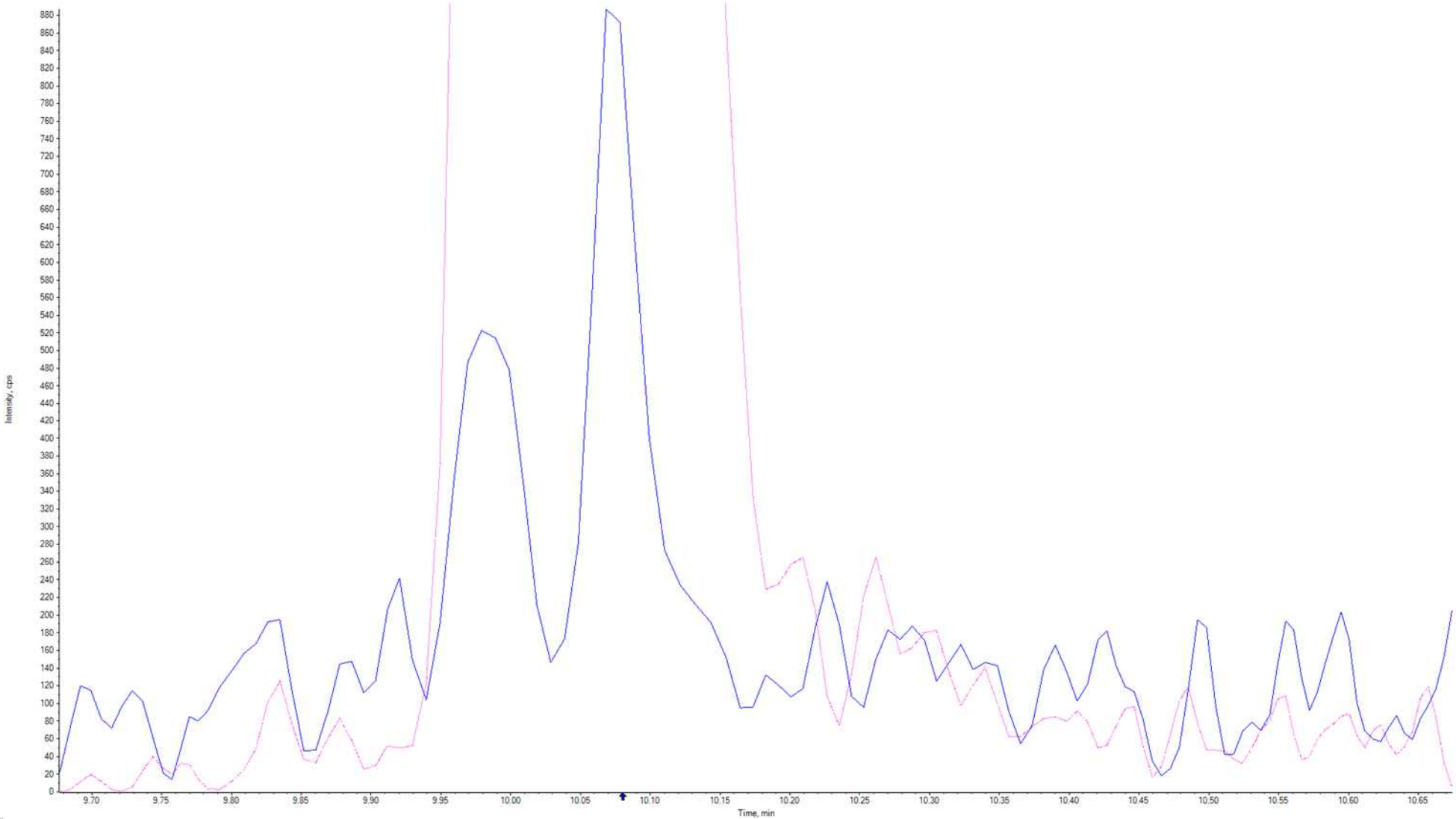
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NEtFOSAA_2
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



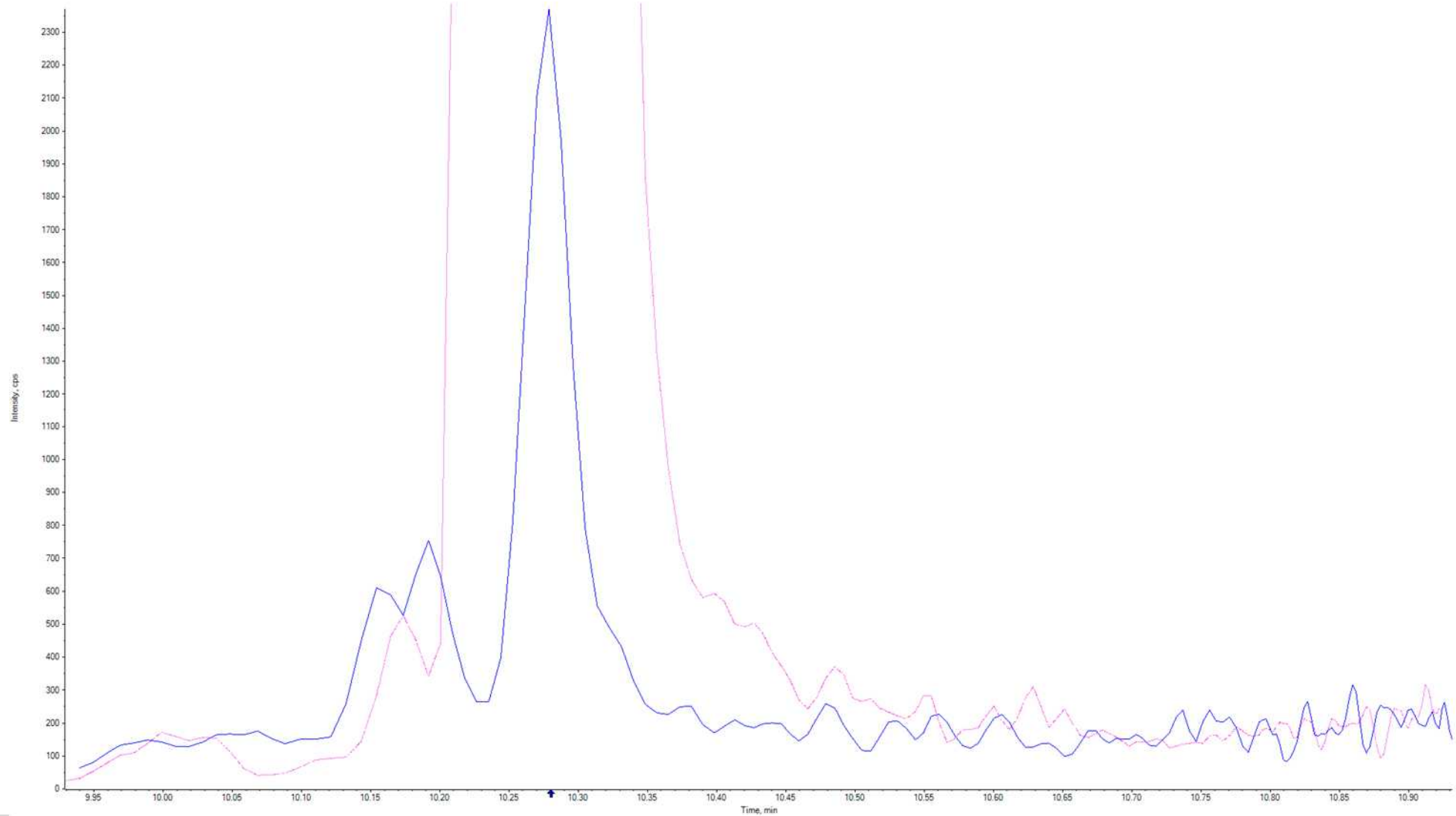
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_84.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NMeFOSE
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A

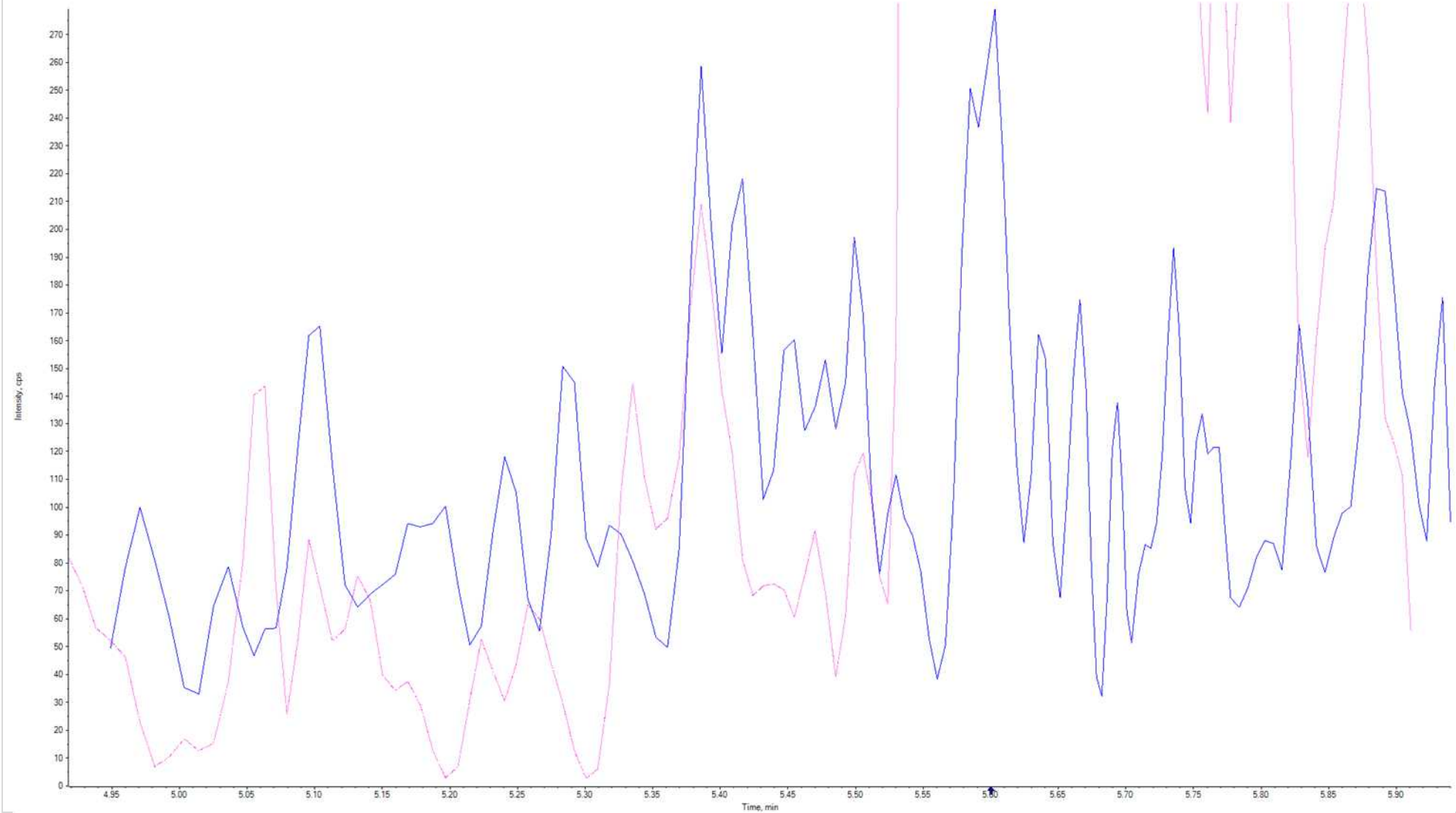


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NEtFOSE
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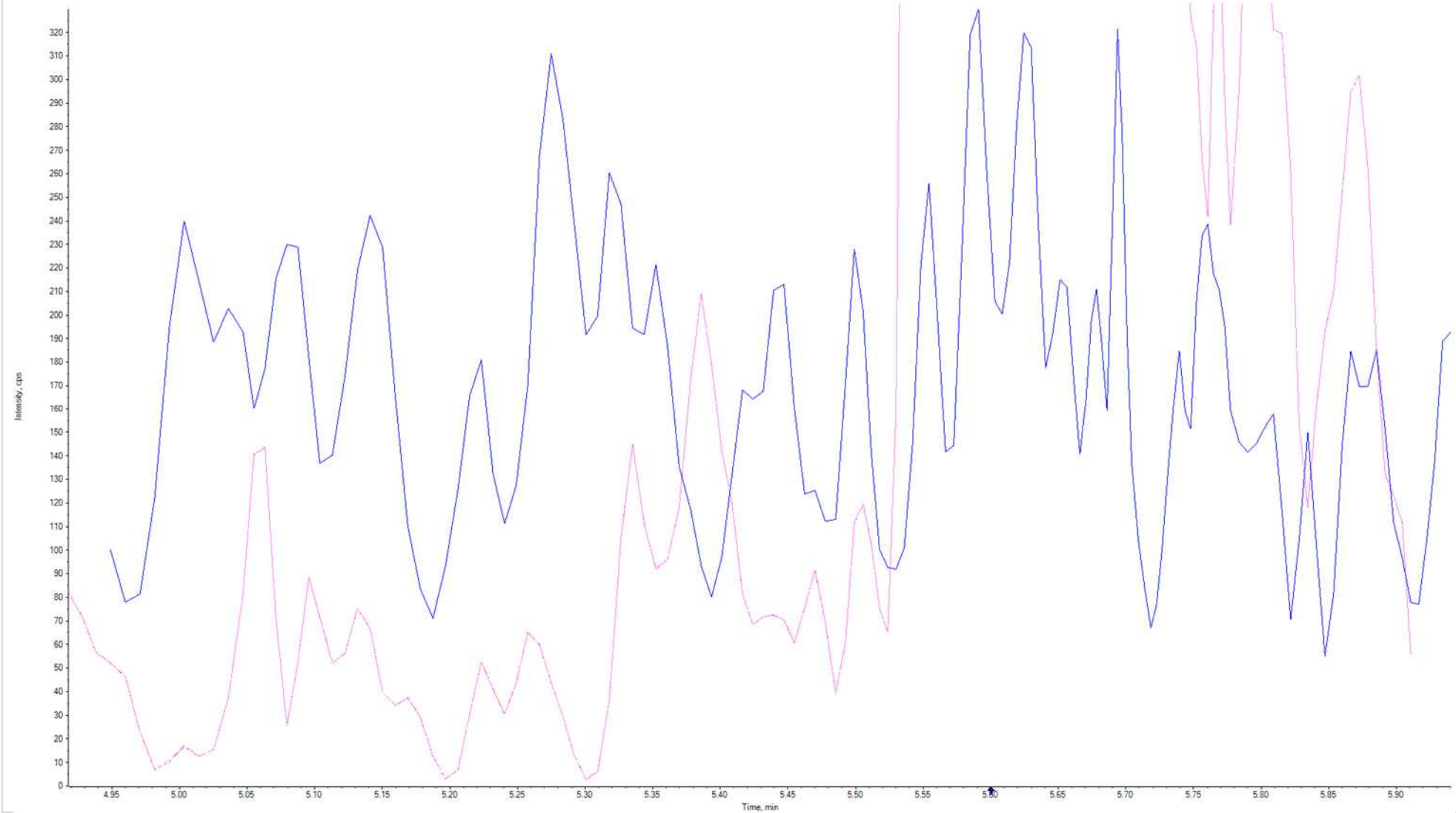


HFPO-DA
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



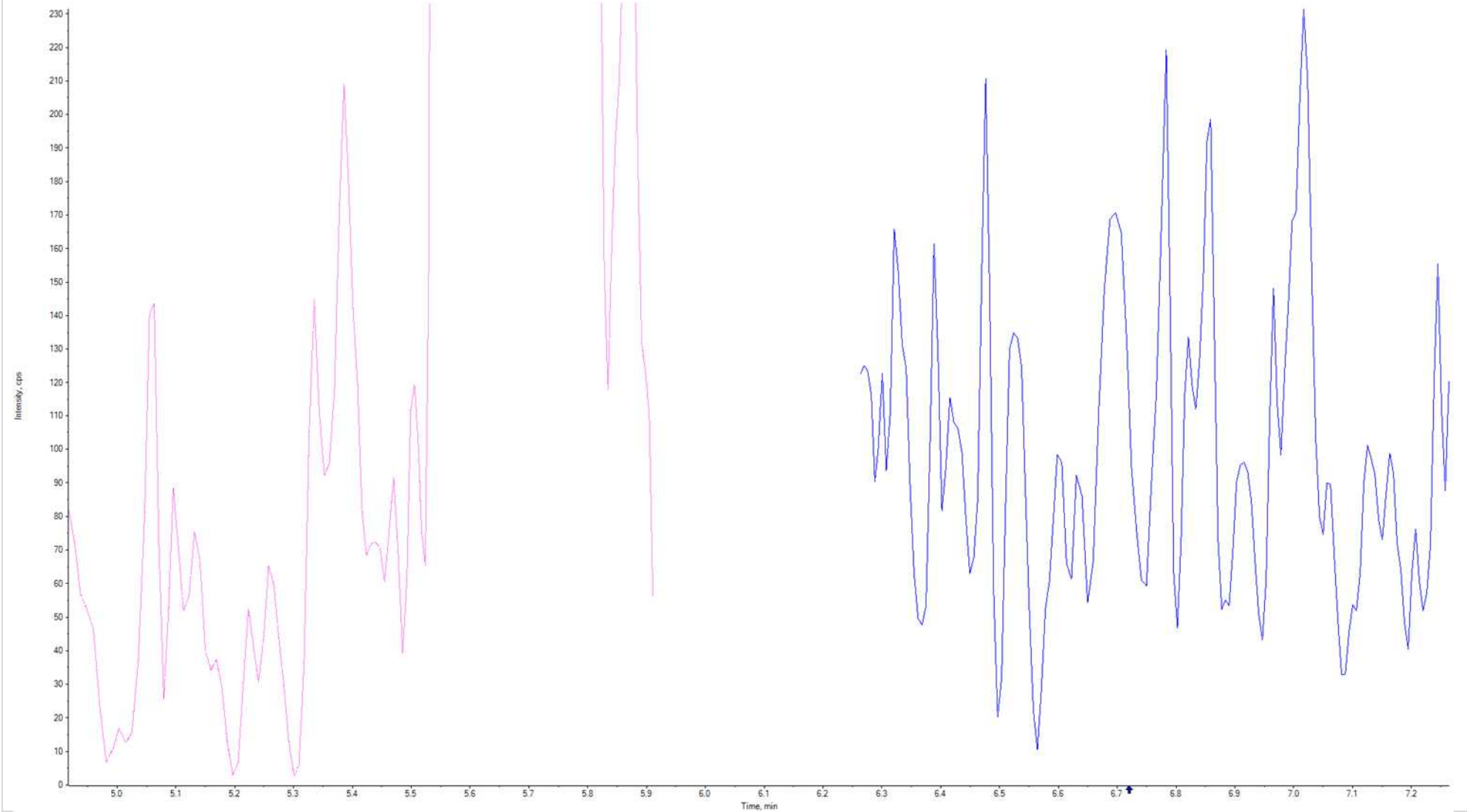
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_84.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

HFPO-DA_2
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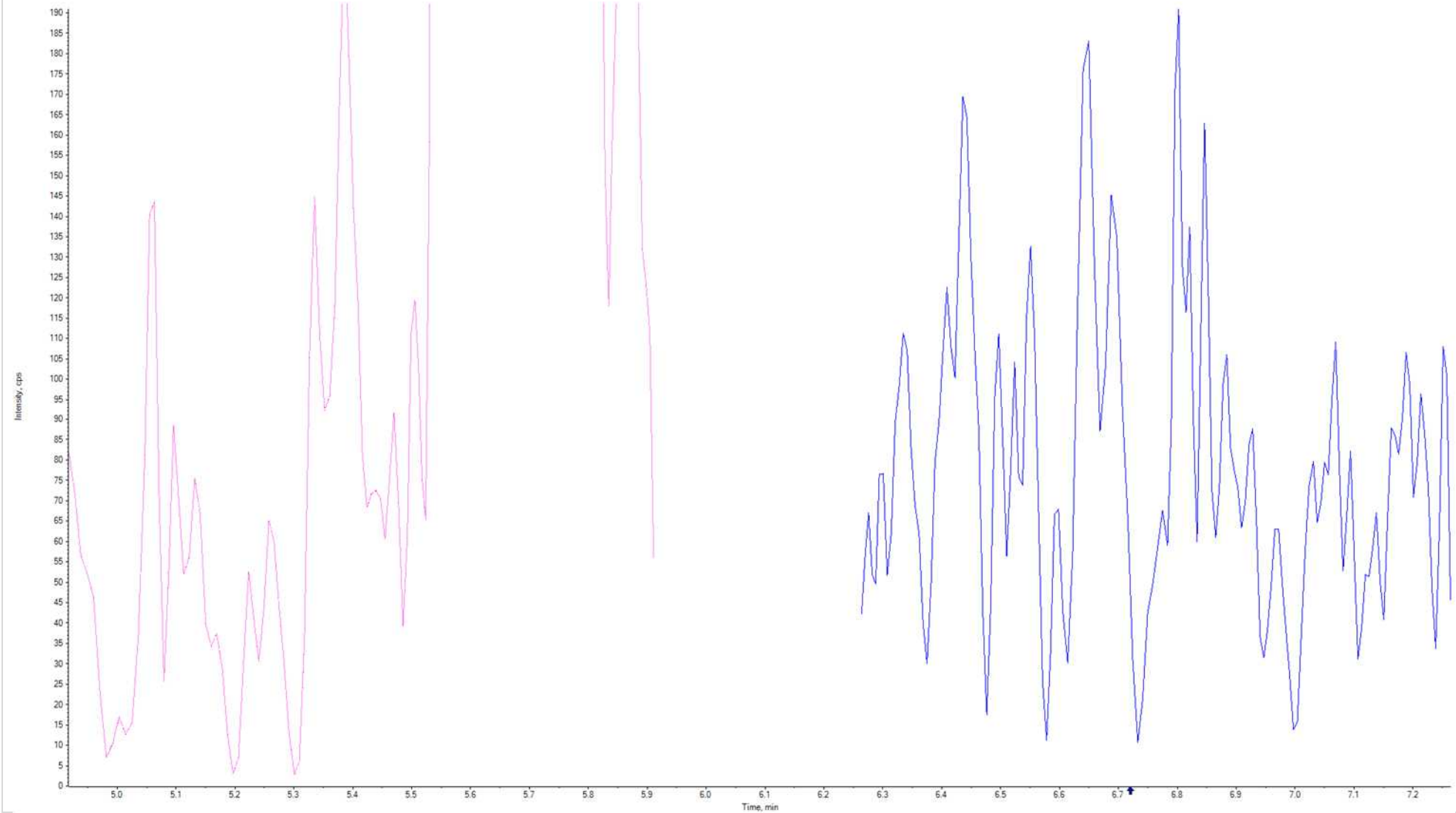
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_84.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

ADONA
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



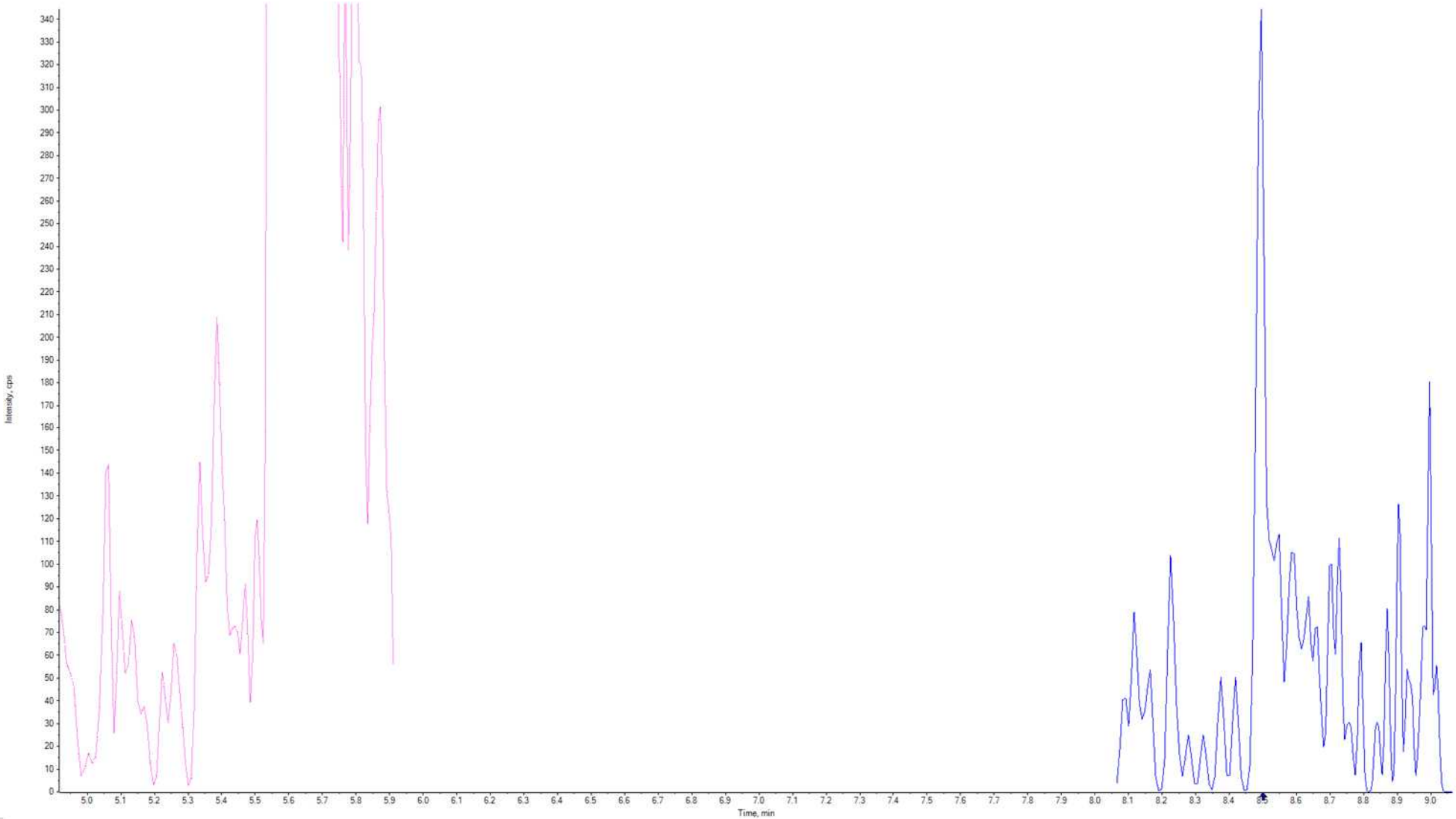
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Alpha Analytical Inc.
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ADONA_2
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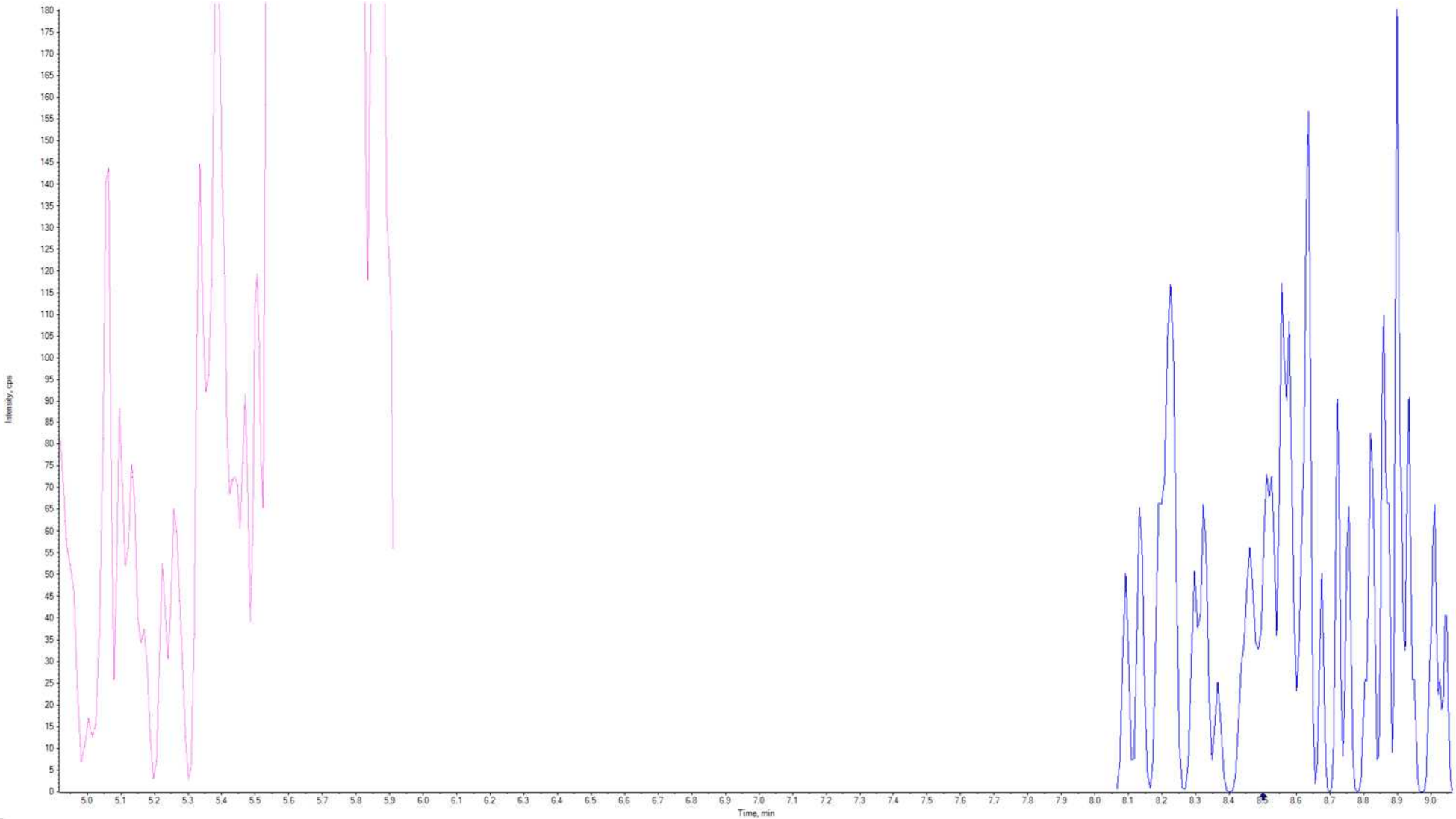
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

9Cl-PF3ONS
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_84.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

9Cl-PF3ONS_2
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
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11Cl-PF3OUdS
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



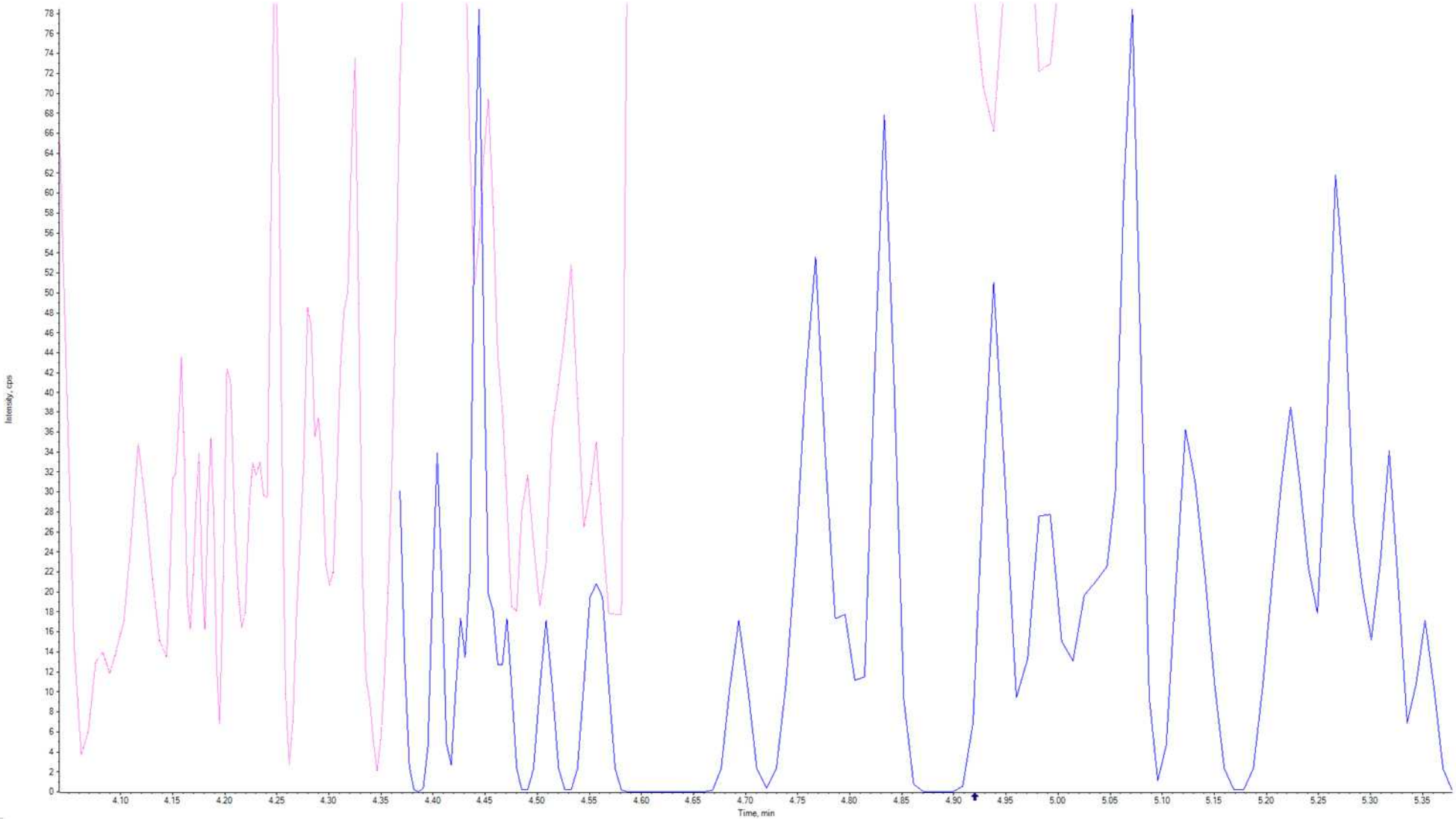
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_84.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

11Cl-PF3OUdS_2
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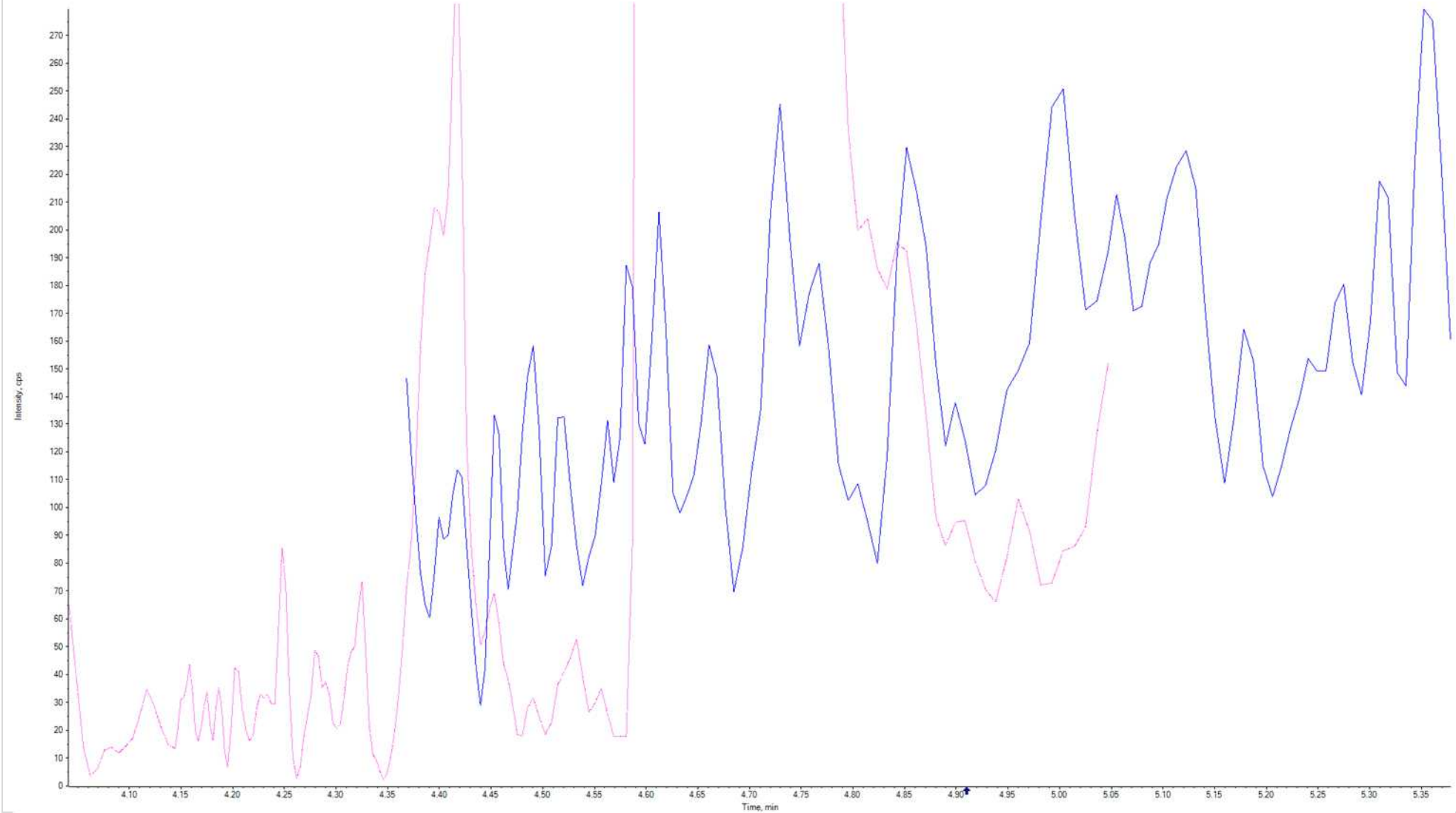


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

3:3FTCA
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A

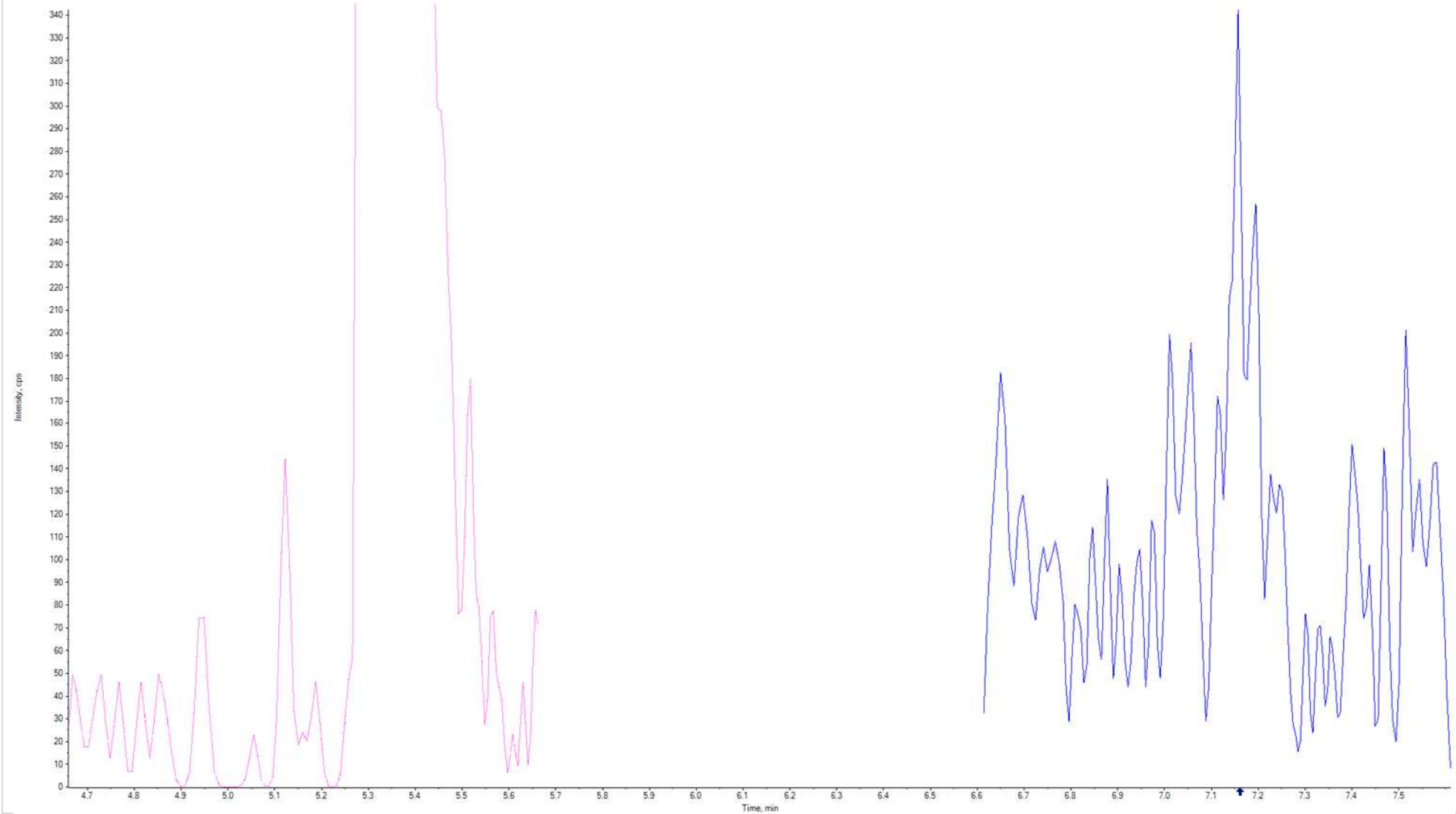


3:3FTCA_2
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



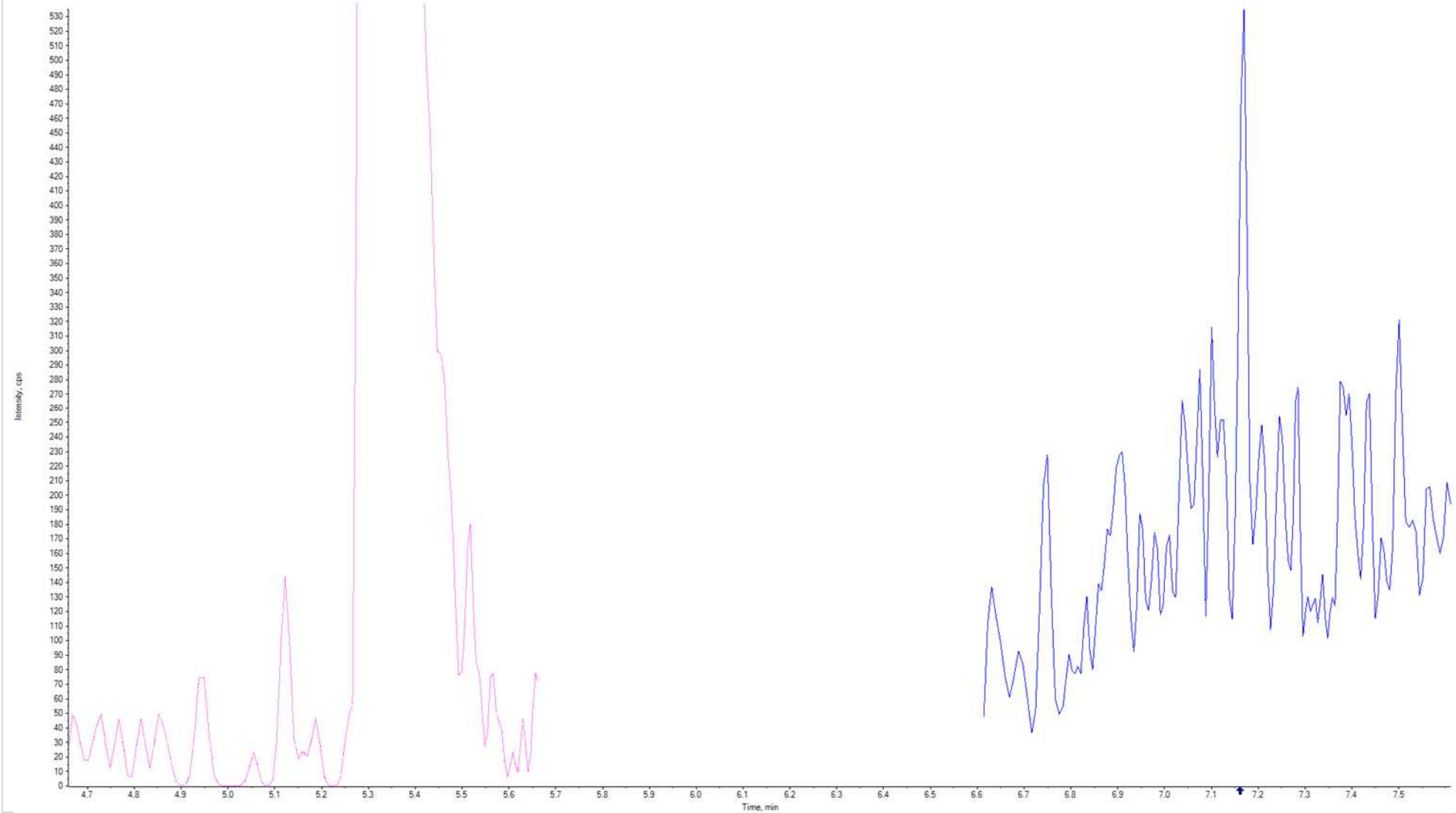
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

5:3FTCA
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



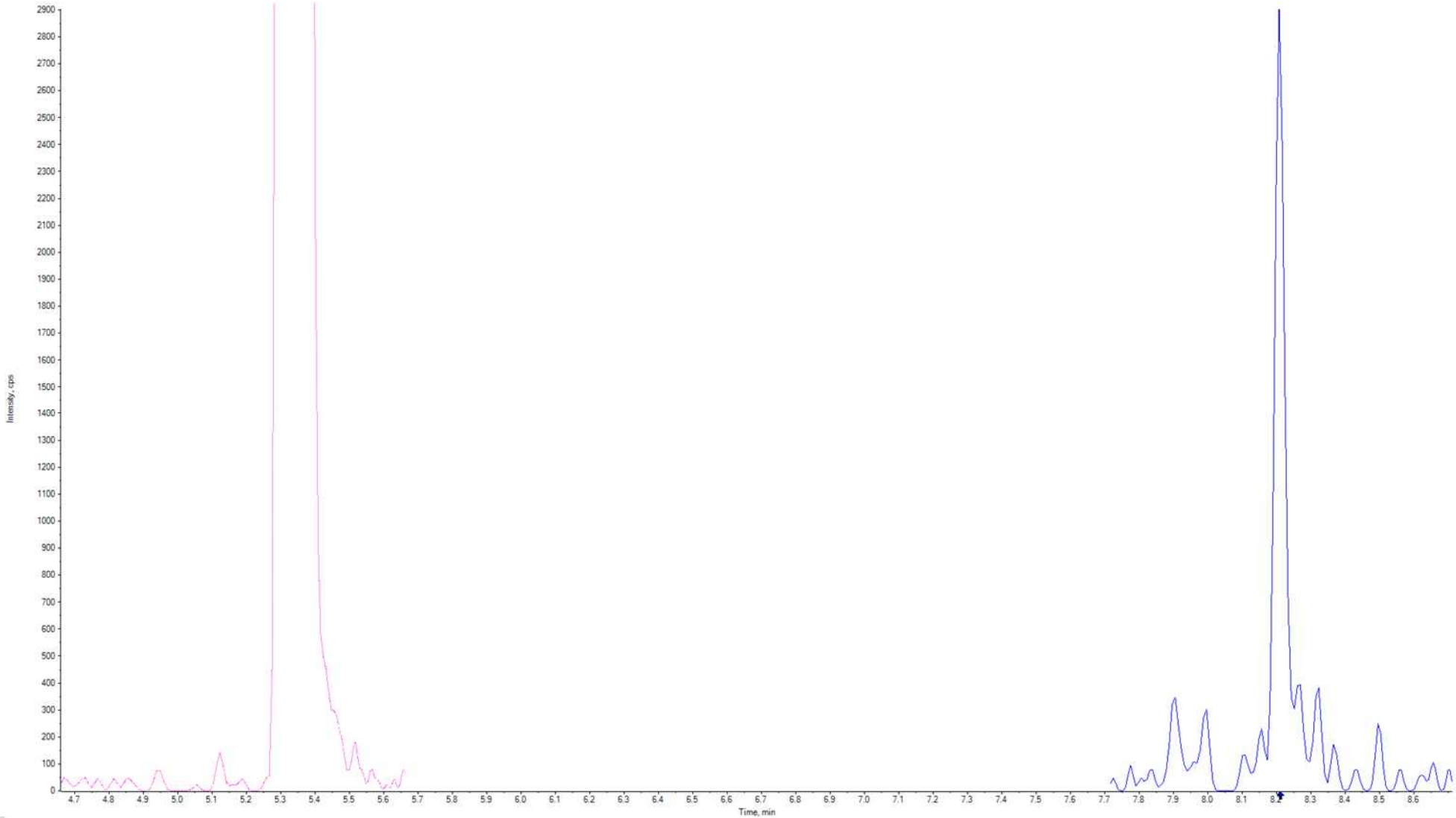
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

5:3FTCA_2
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



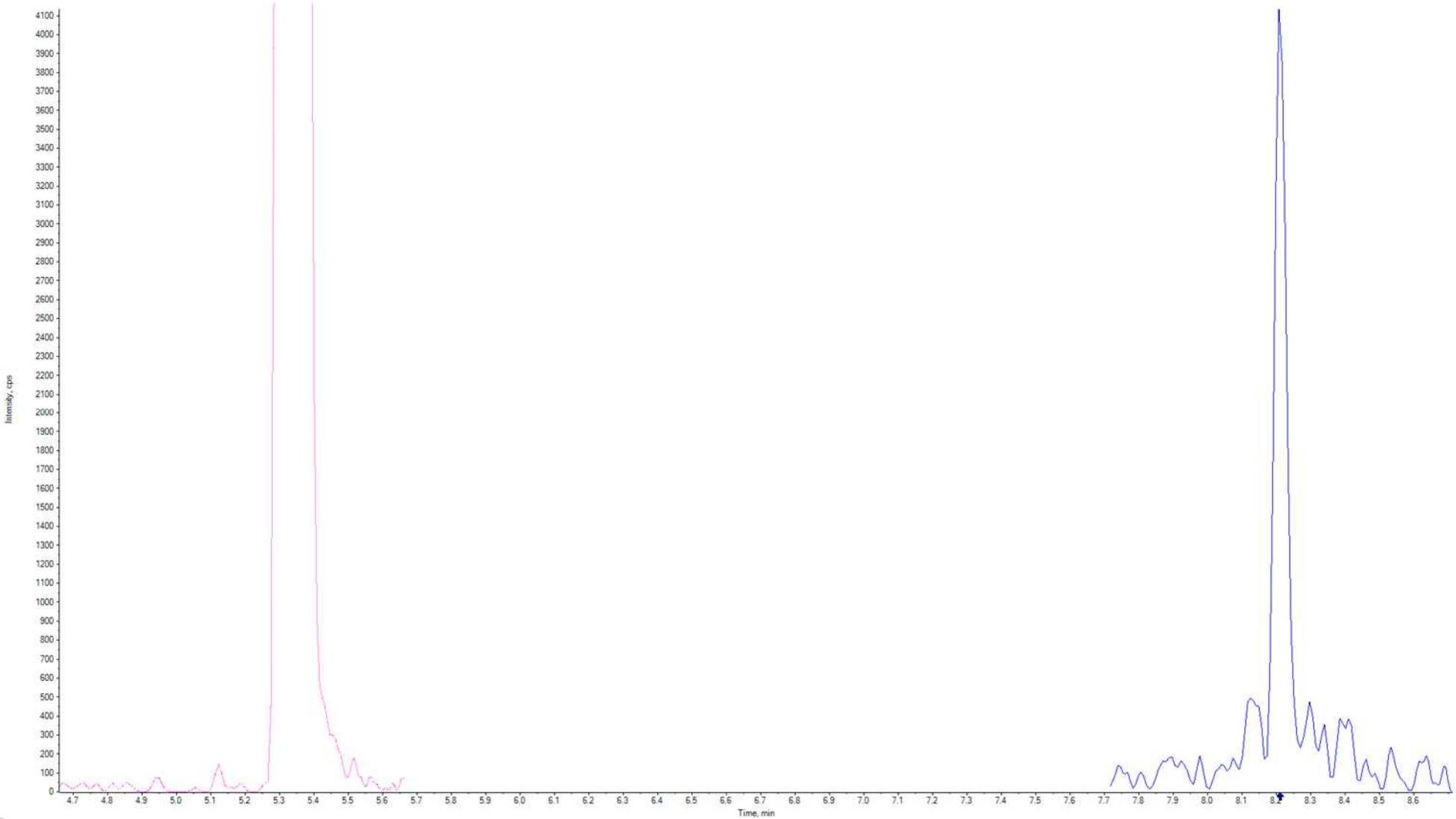
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

7:3FTCA
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



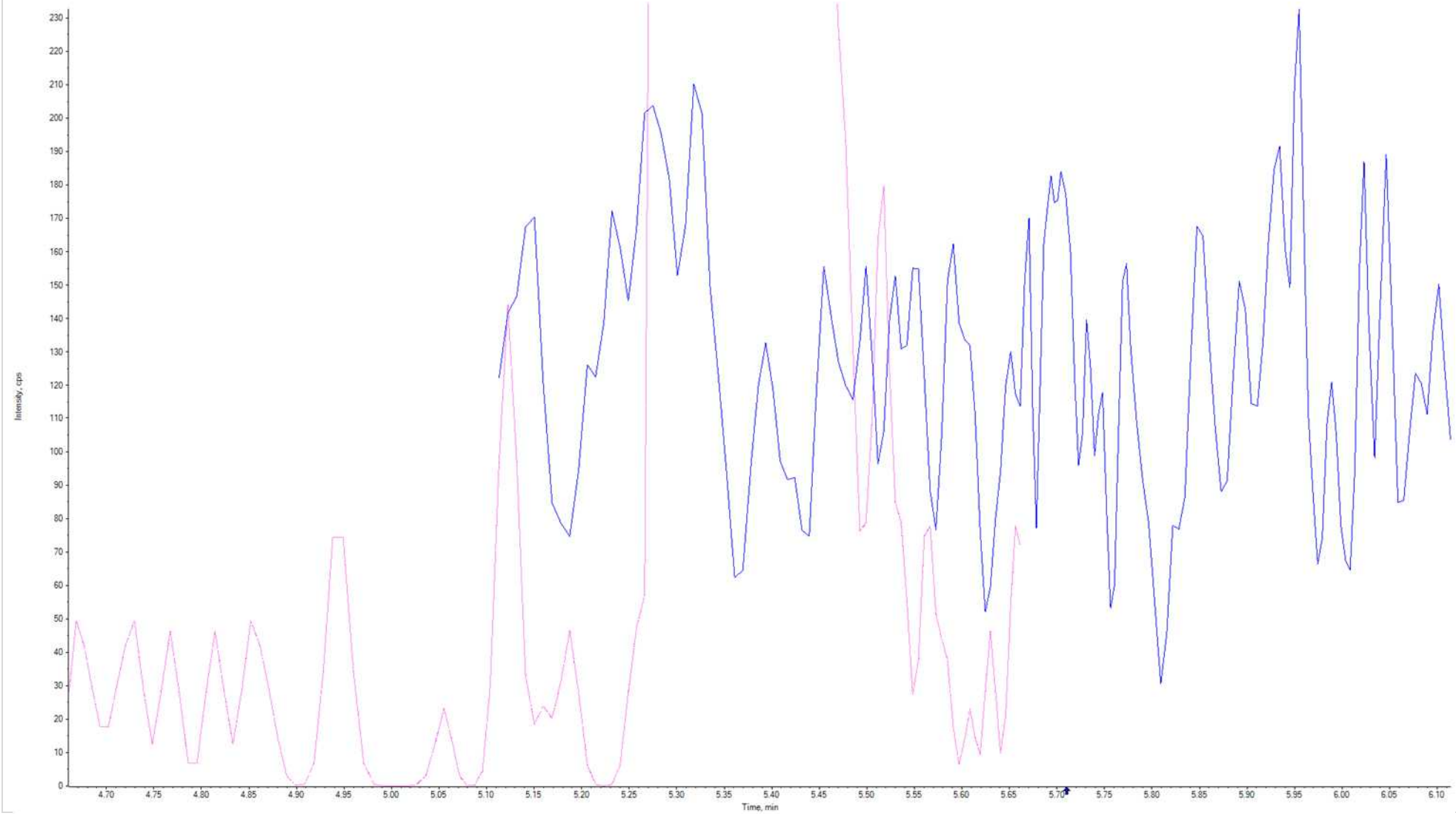
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

7:3FTCA_2
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



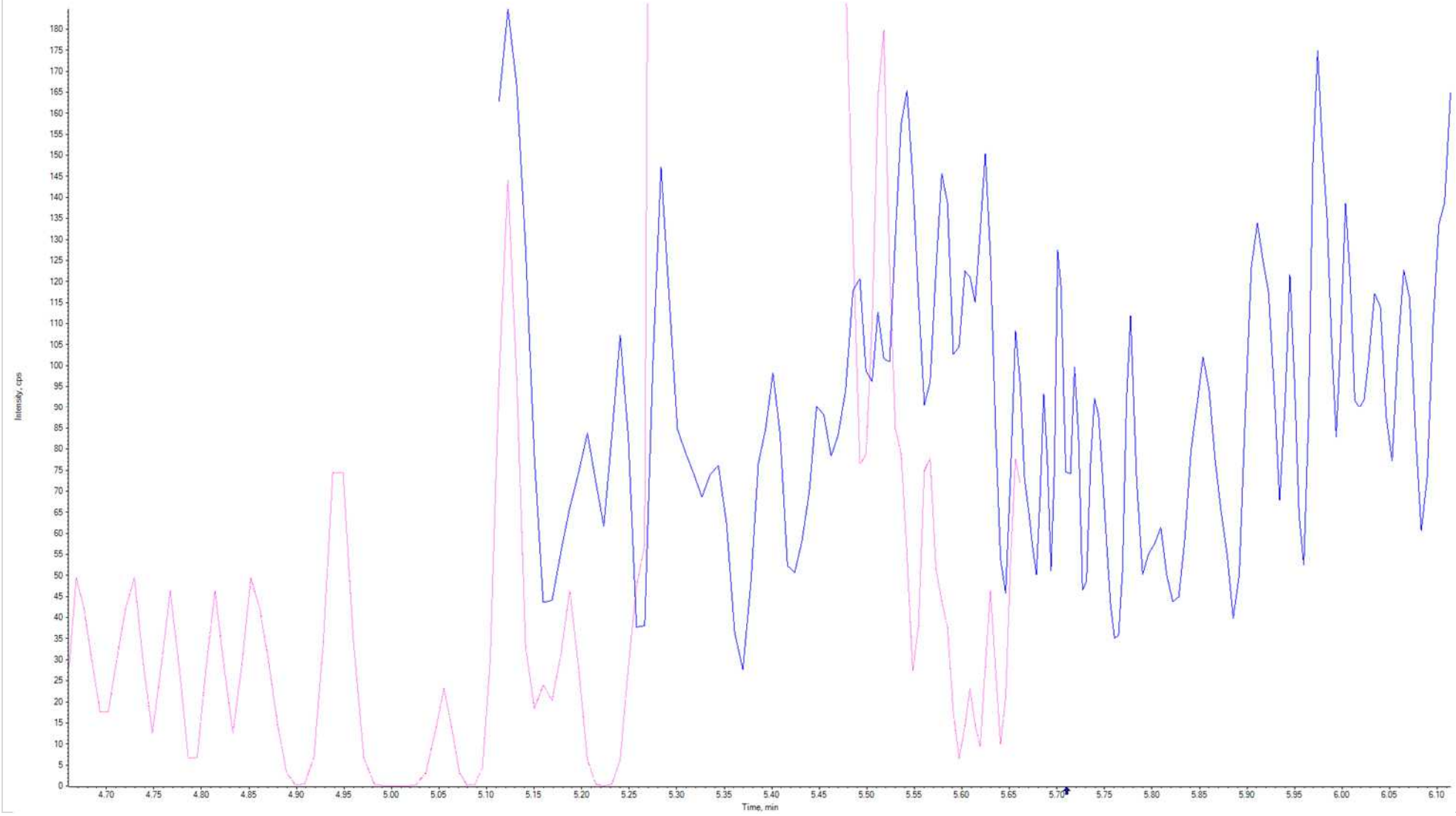
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFEESA
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



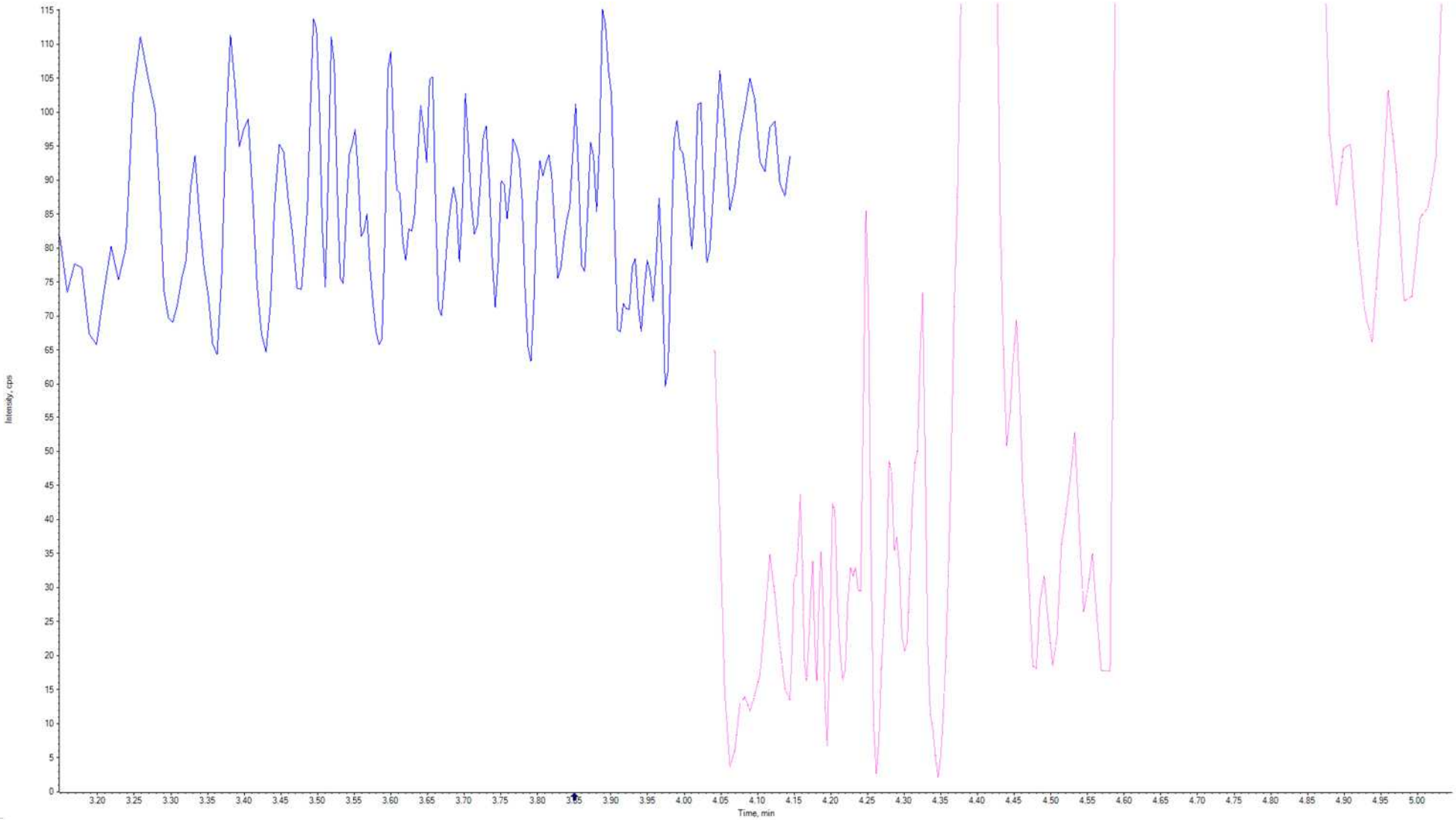
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
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PFEESA_2
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



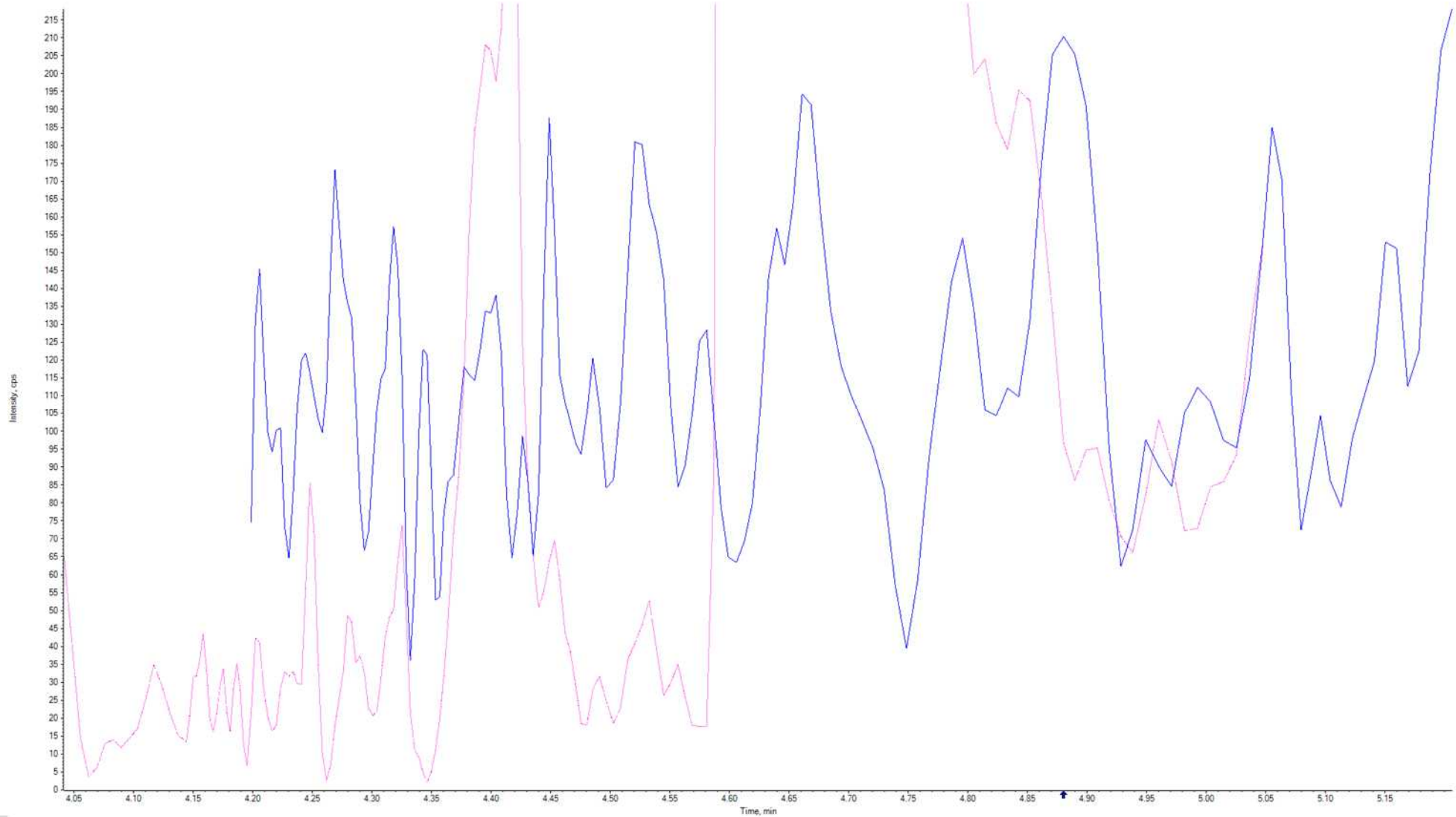
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
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PFMPA
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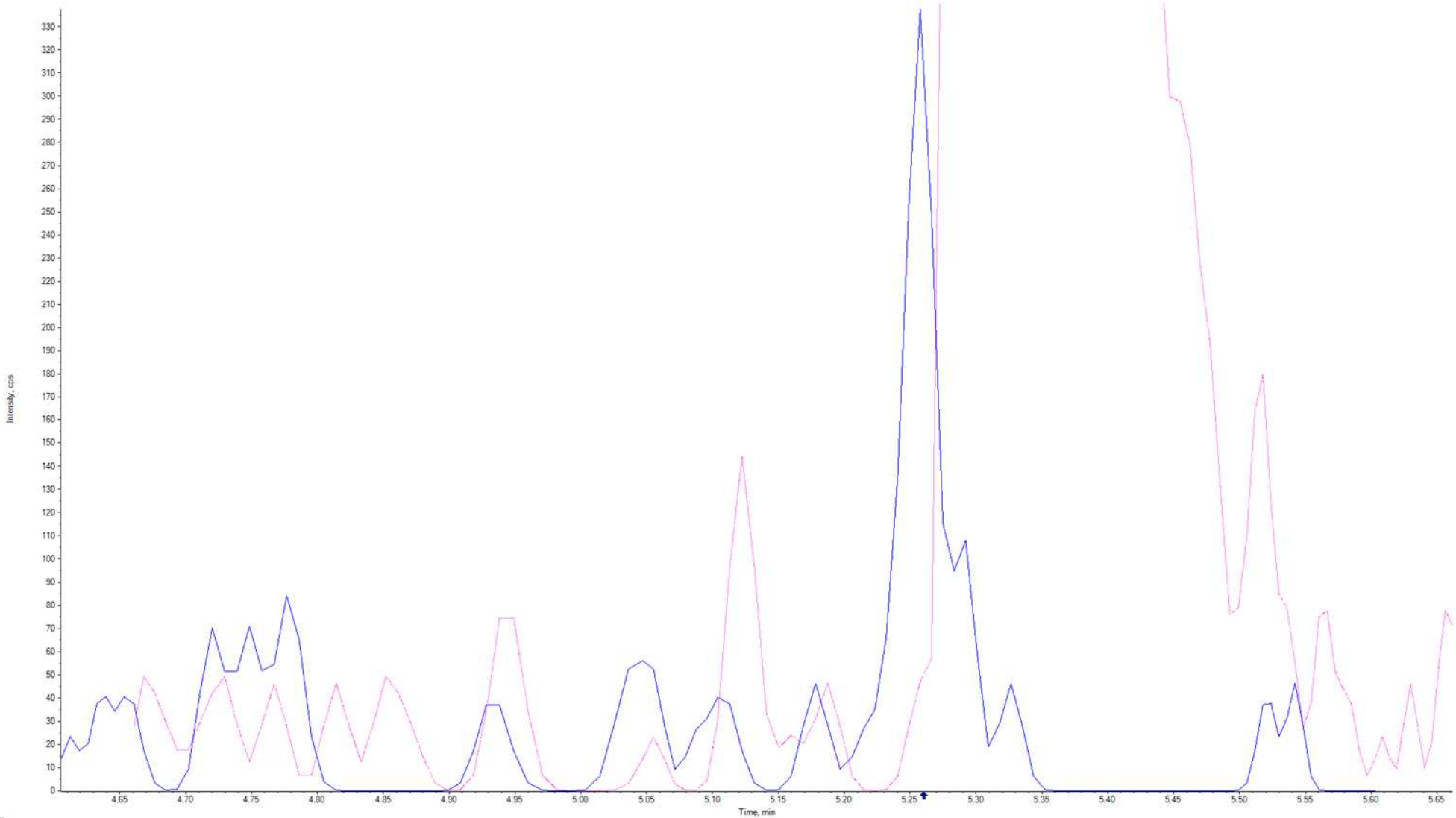


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

PFMBA
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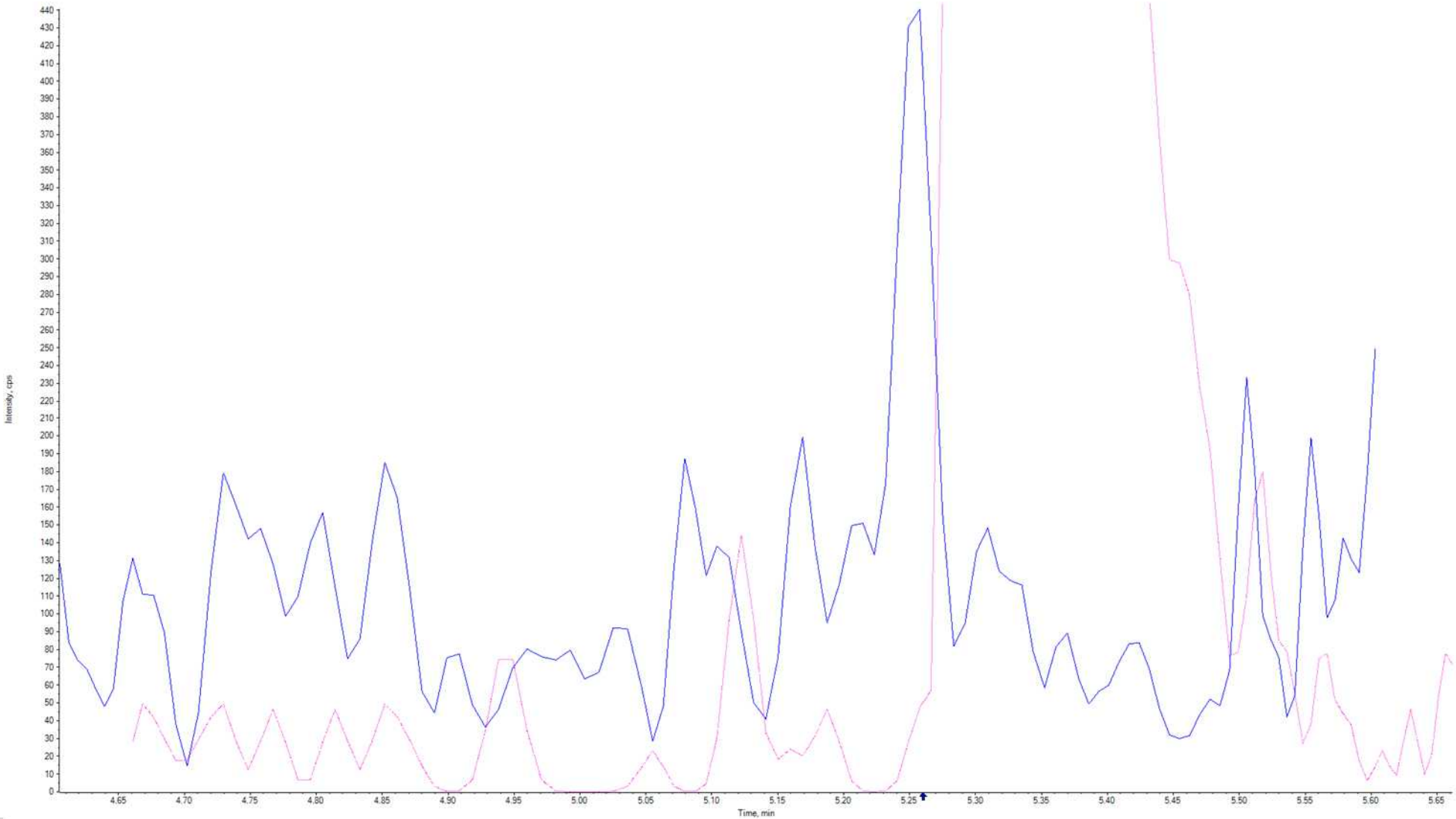


NFDHA
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



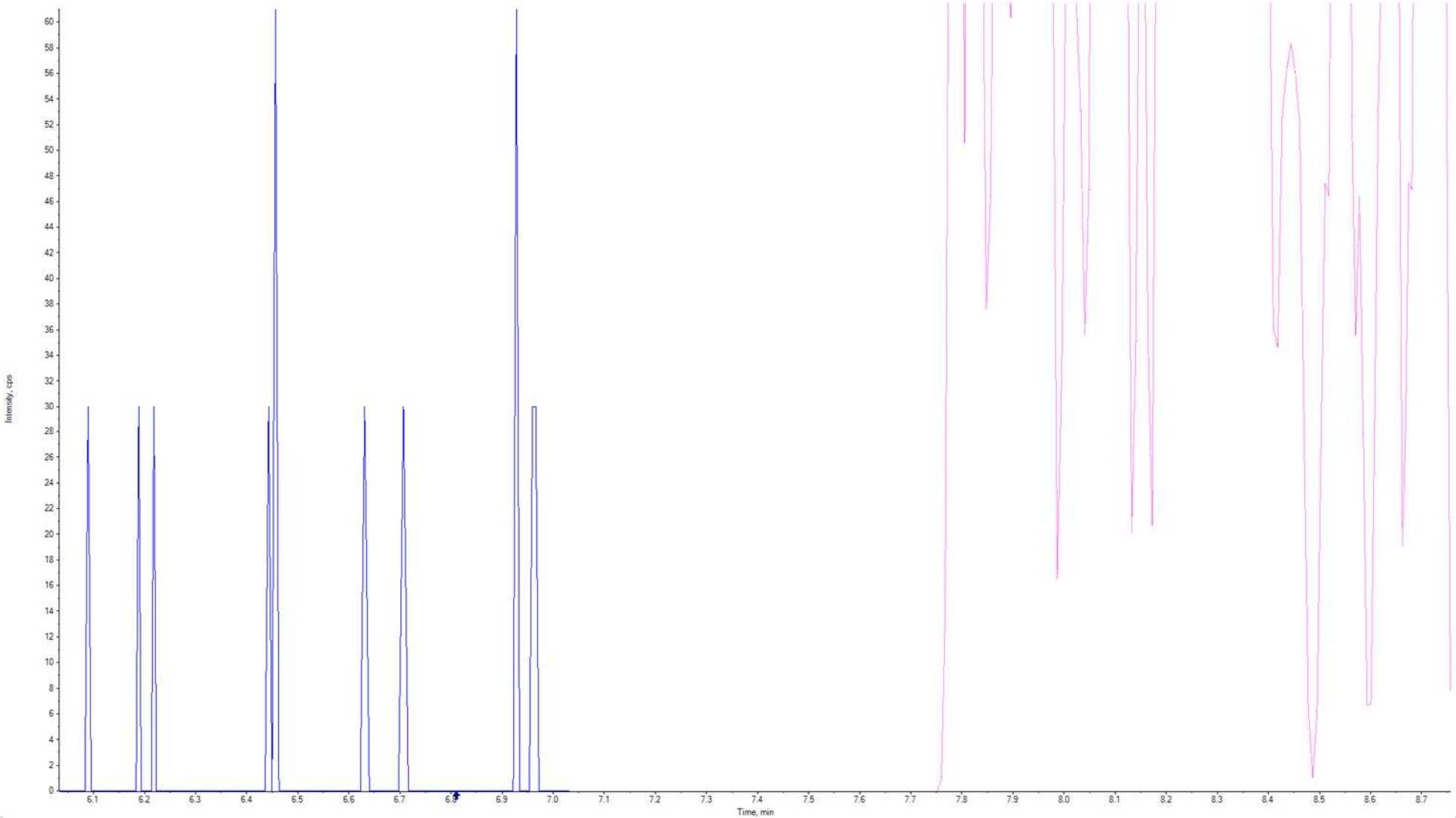
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_84.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

NFDHA_2
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



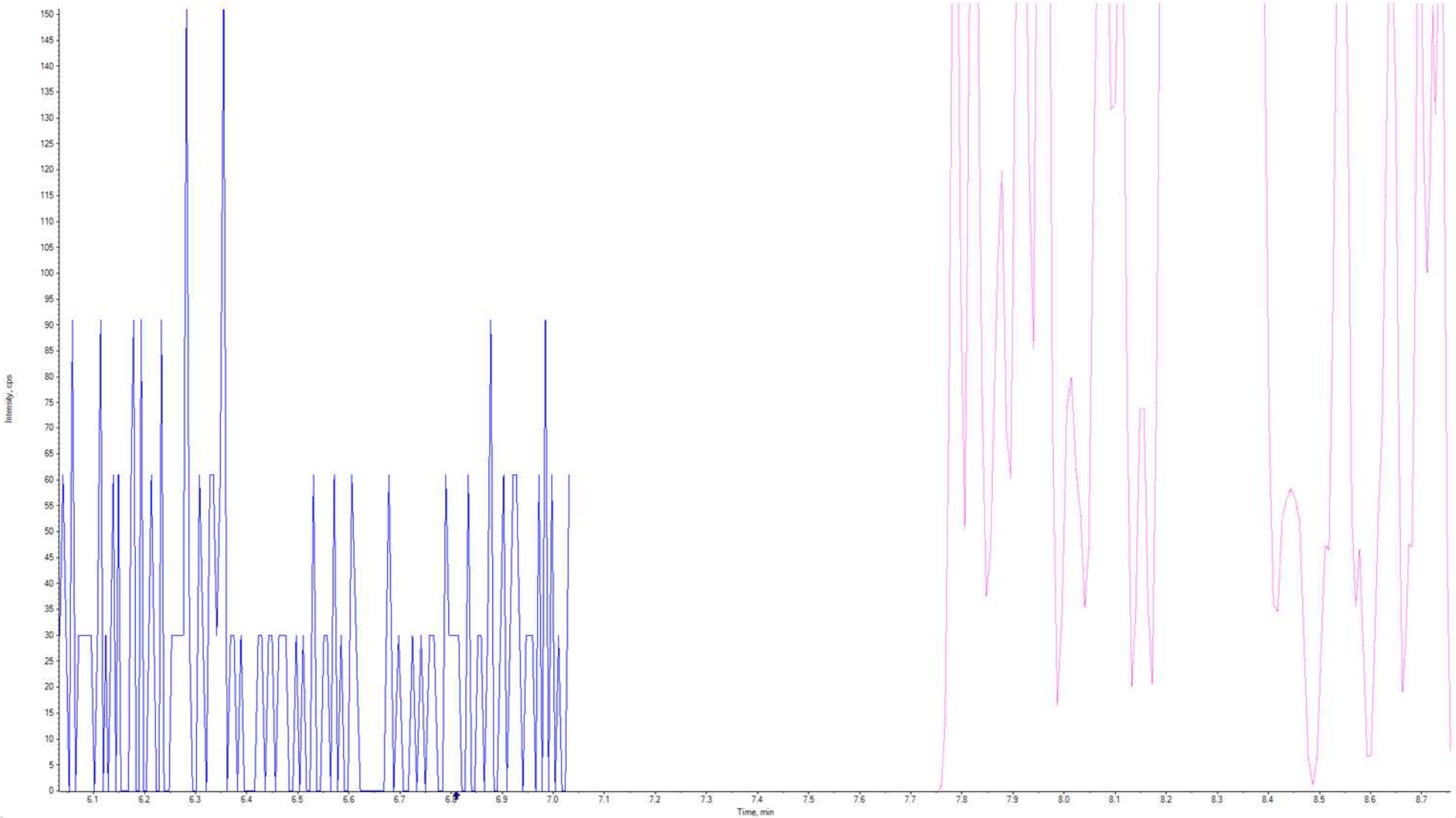
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

TDCA
Sample: WG1958909-6,INSTBLANK S/N:N/A Points Across peak:N/A



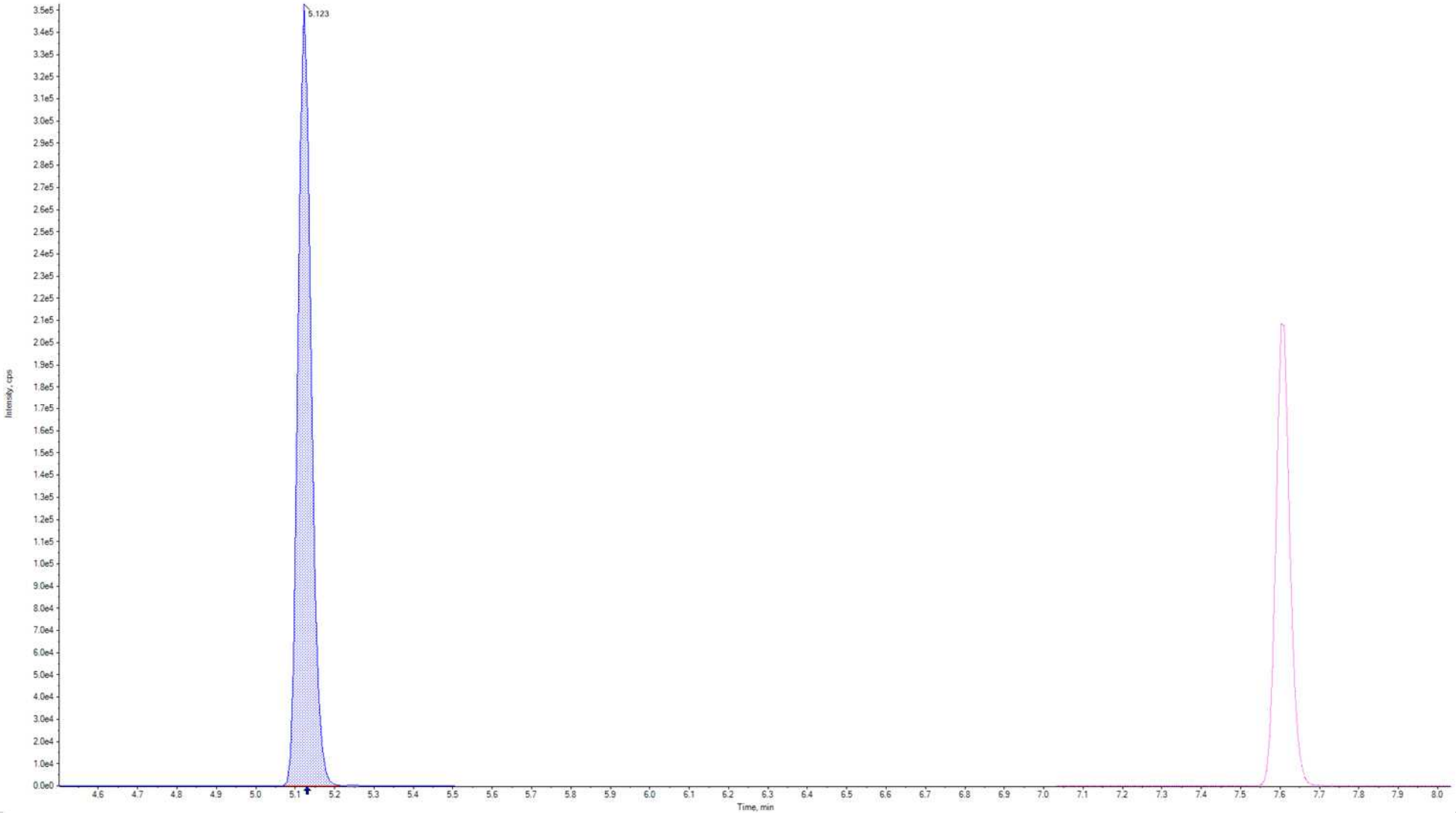
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

TDCA_2
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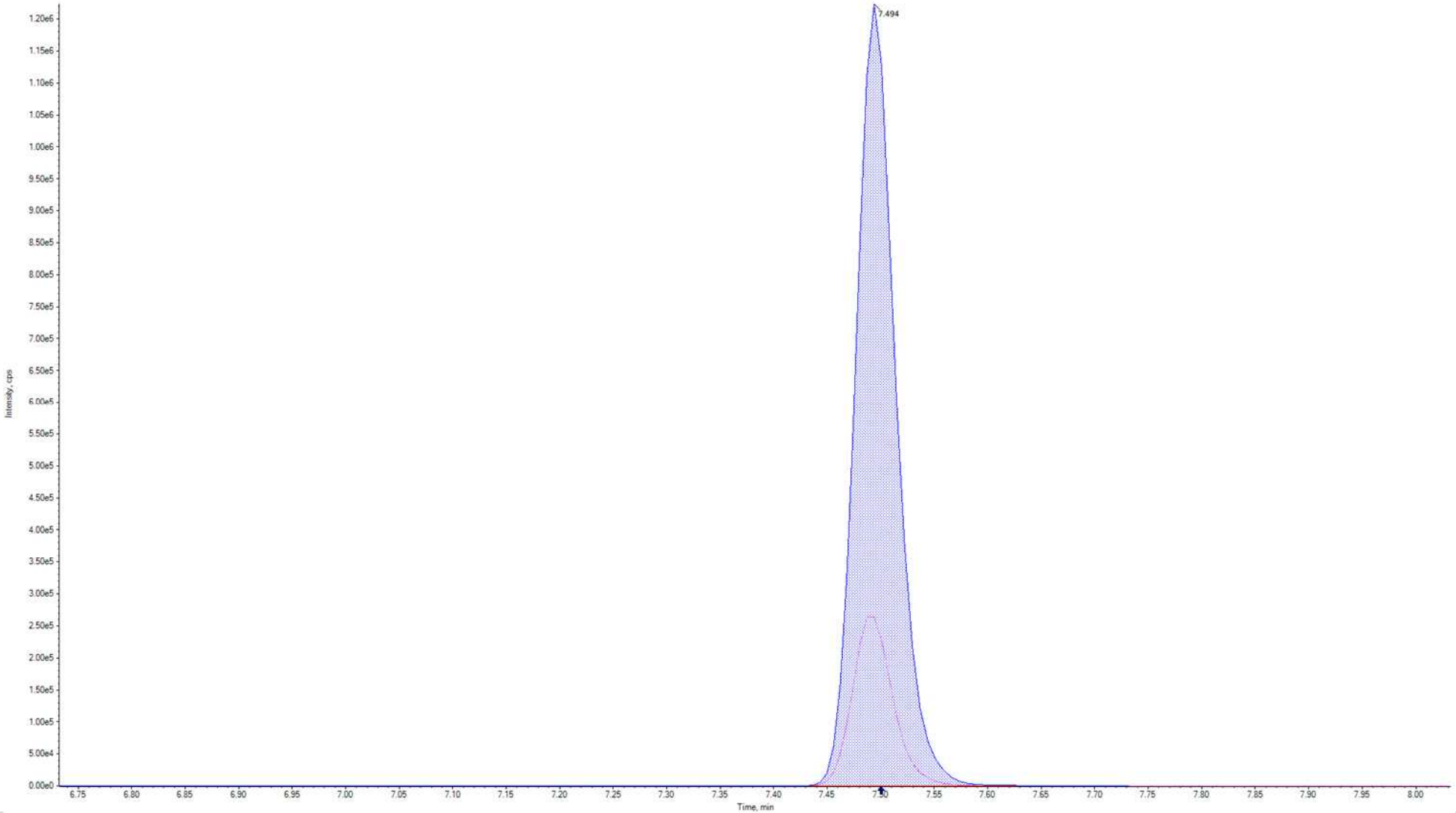
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Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C2D4-4:2FTS
Sample: WG1958909-6,INSTBLANK S/N:119969.9 Points Across peak:23

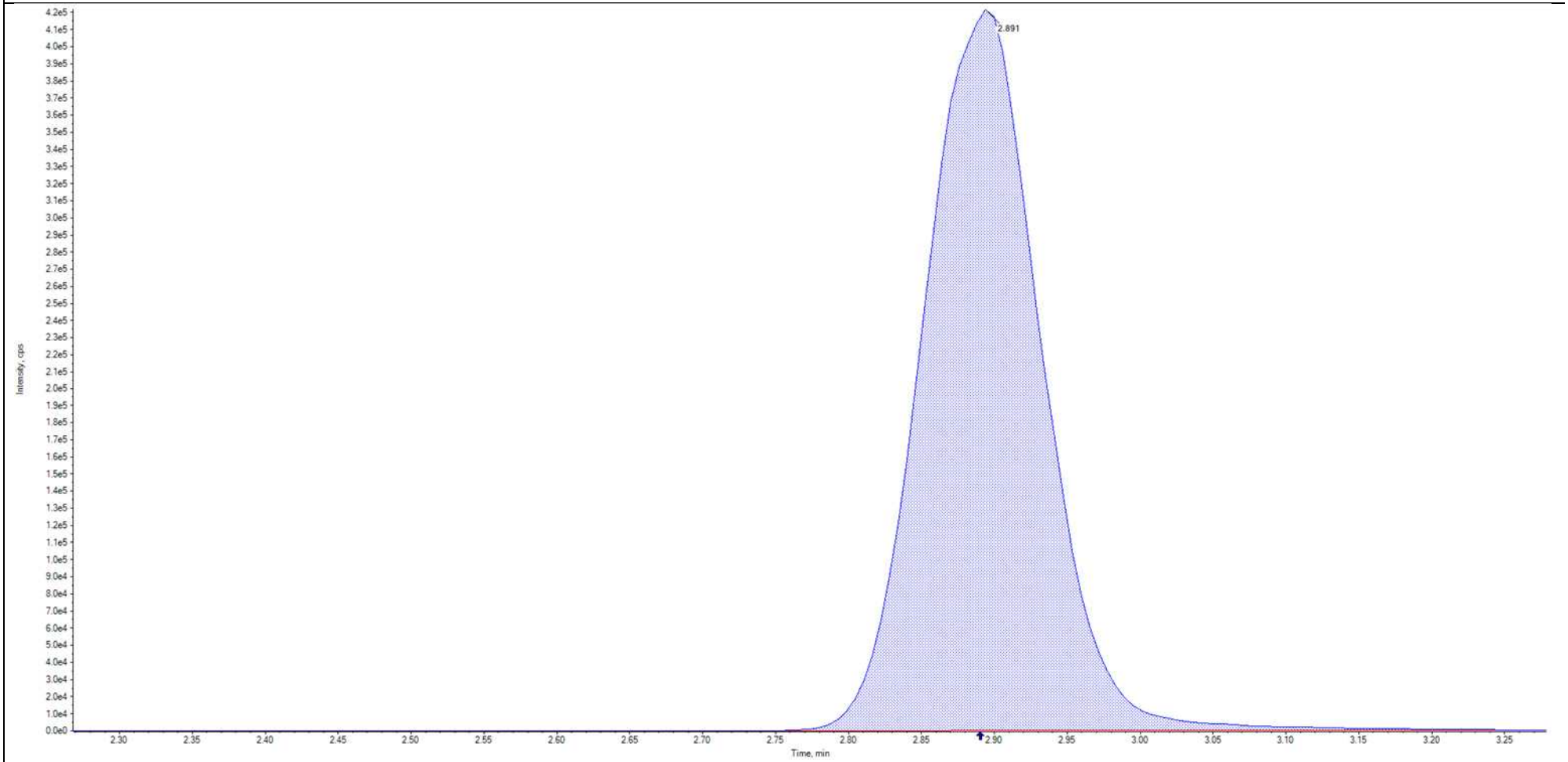


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C2-PFOA
Sample: WG1958909-6,INSTBLANK S/N:10554.5 Points Across peak:38

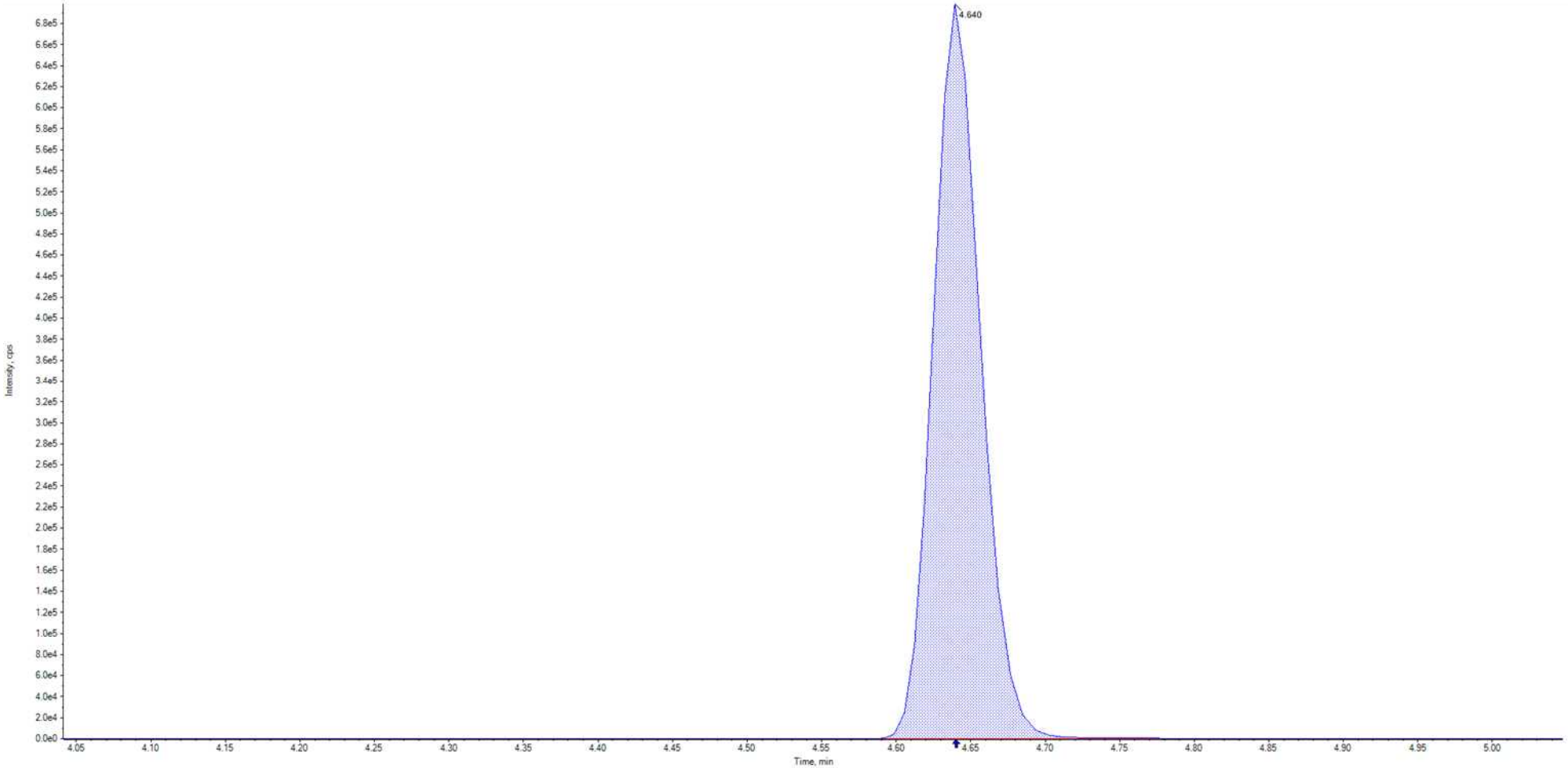


13C4-PFBA
Sample: WG1958909-6,INSTBLANK

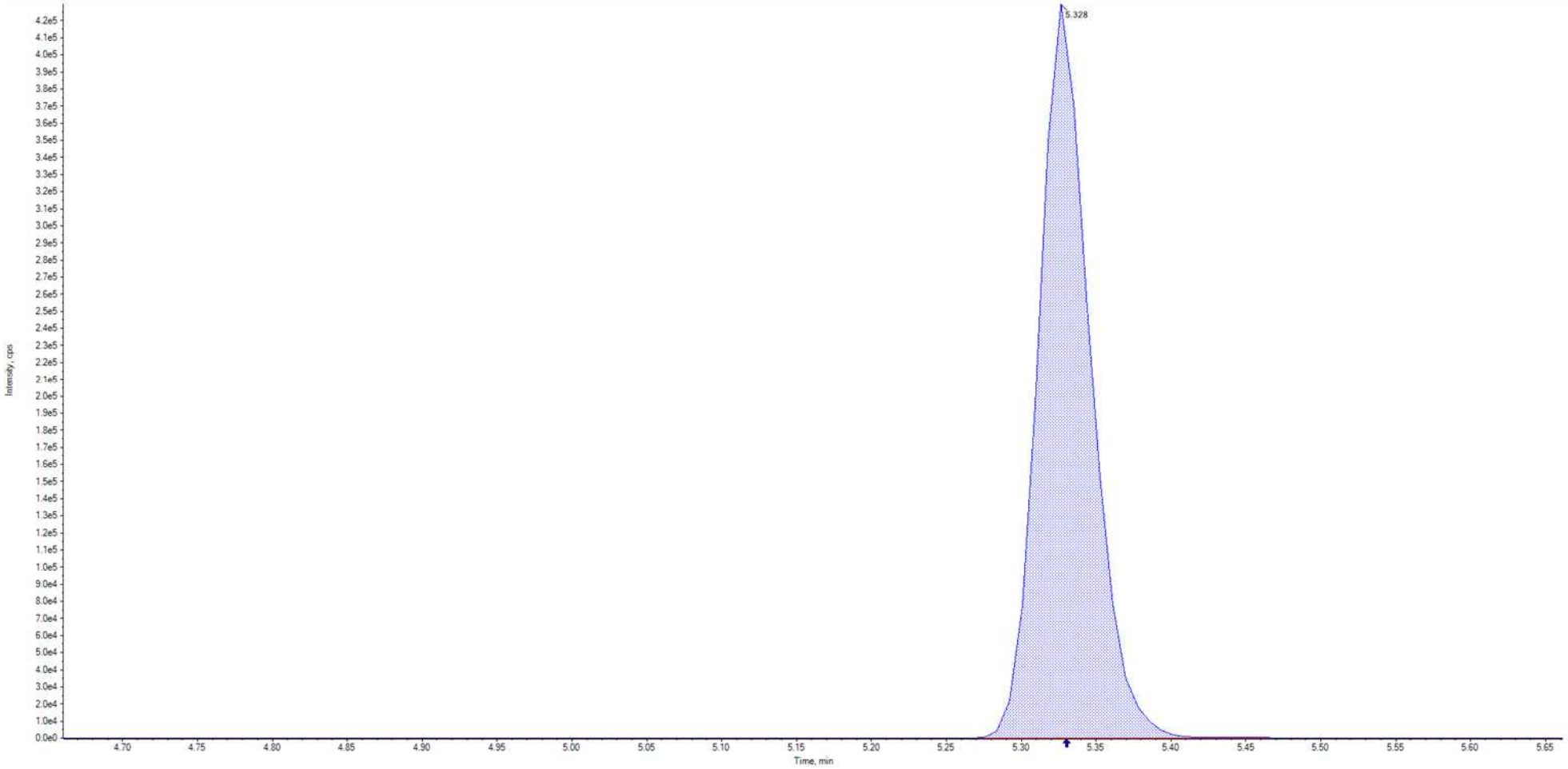


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

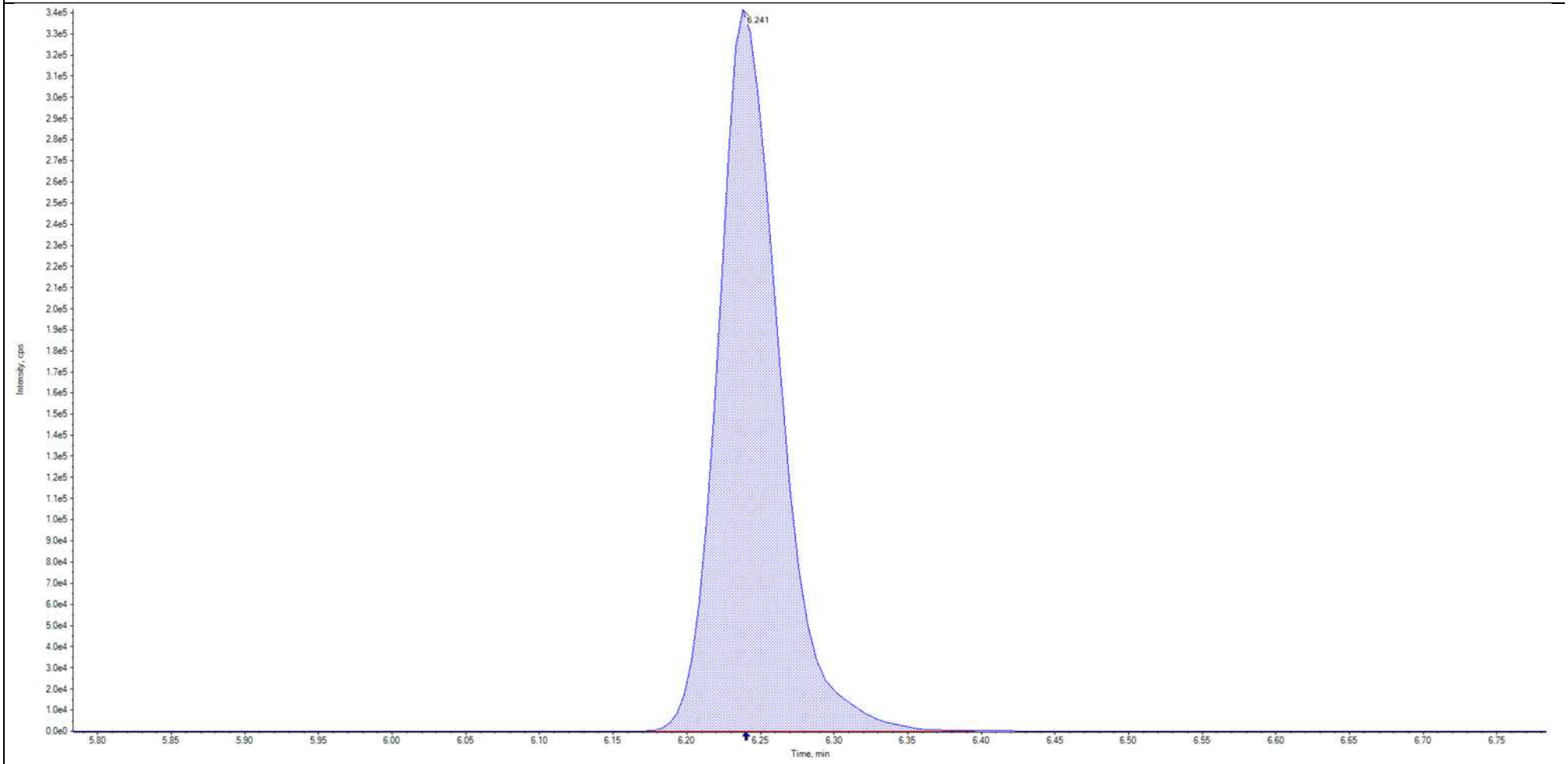
13C5-PFPeA
Sample: WG1958909-6,INSTBLANK



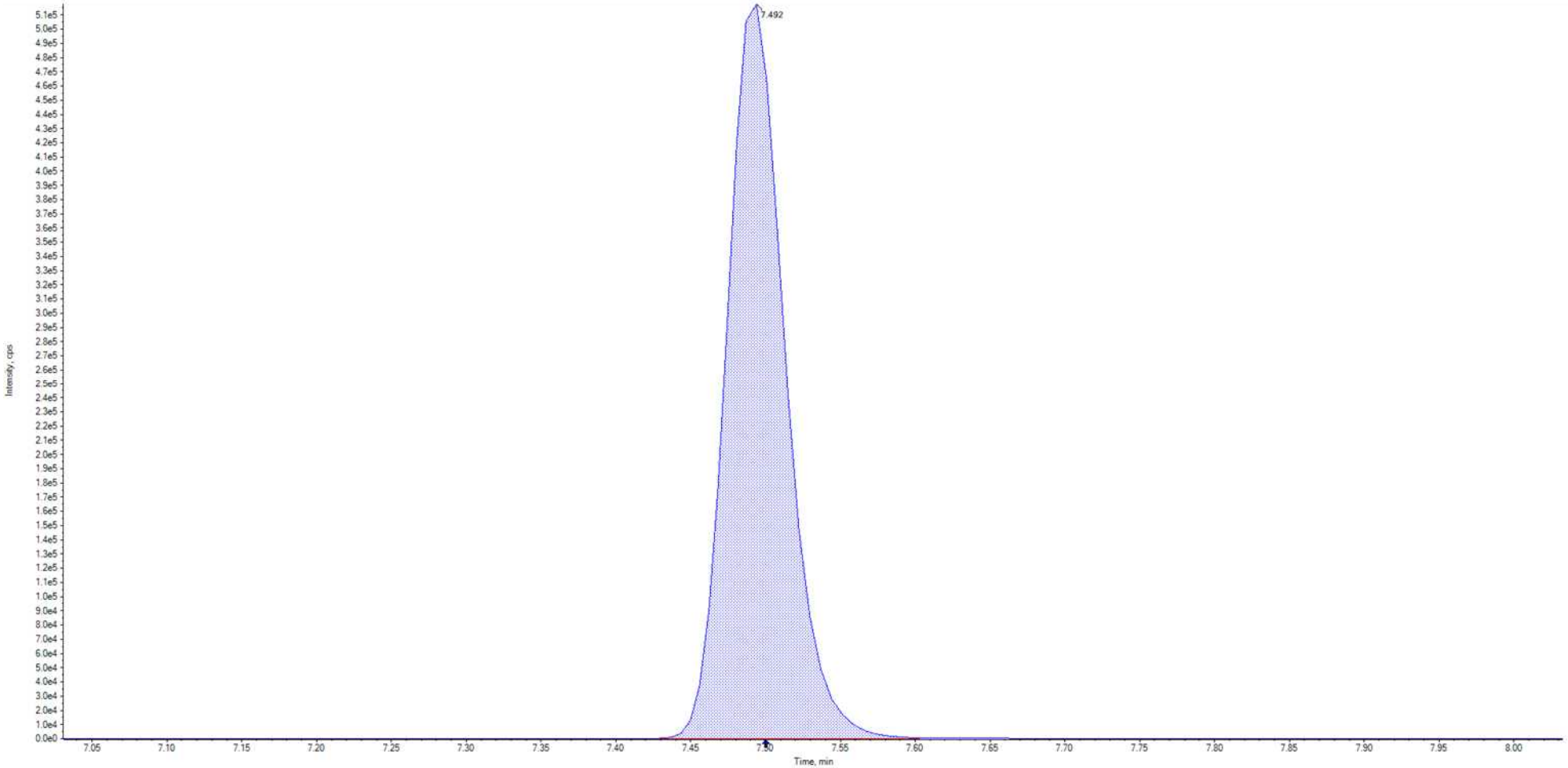
13C5-PFHxA
Sample: WG1958909-6,INSTBLANK



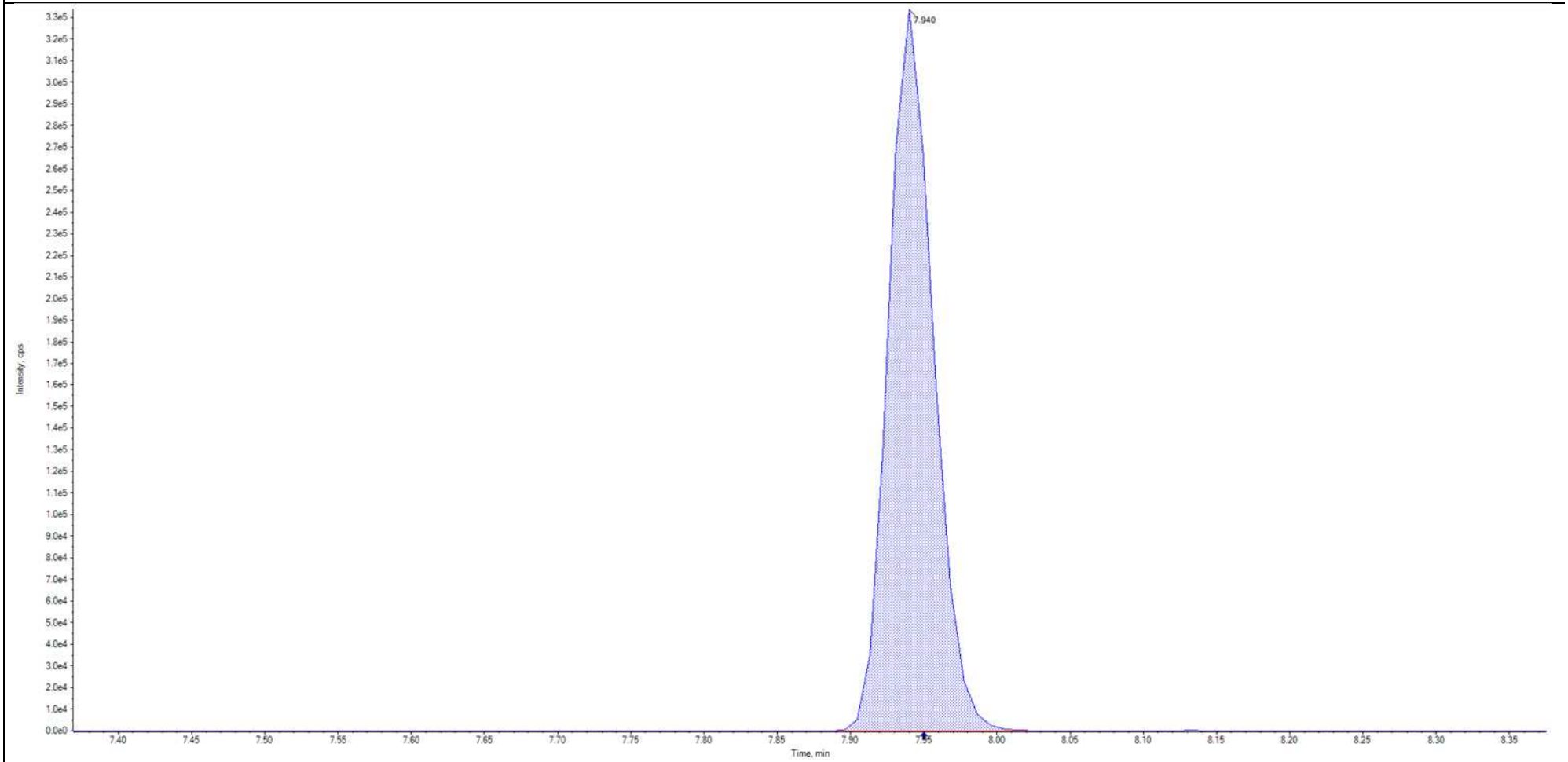
13C4-PFHpA
Sample: WG1958909-6,INSTBLANK



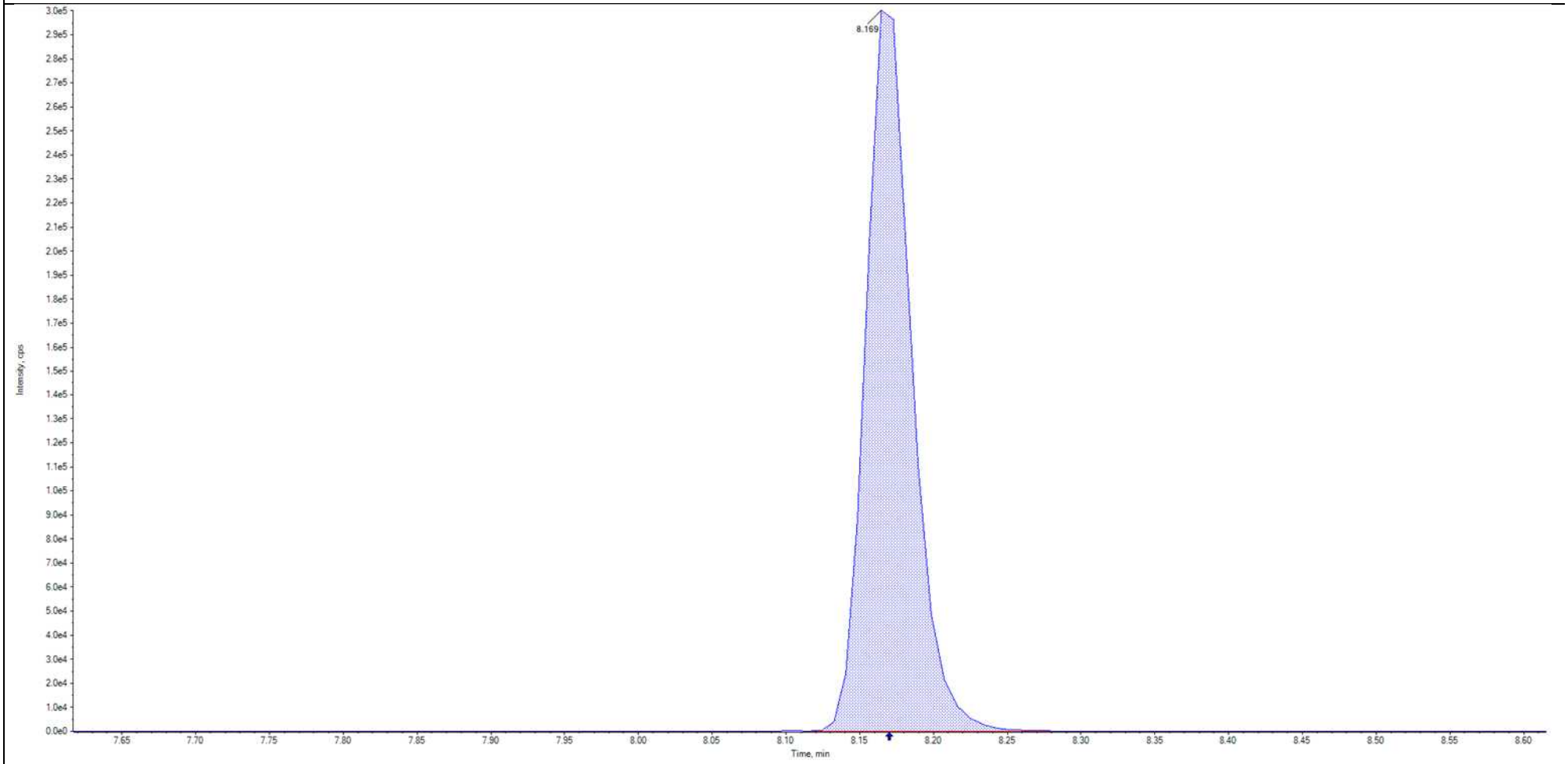
13C8-PFOA
Sample: WG1958909-6,INSTBLANK



13C9-PFNA
Sample: WG1958909-6,INSTBLANK

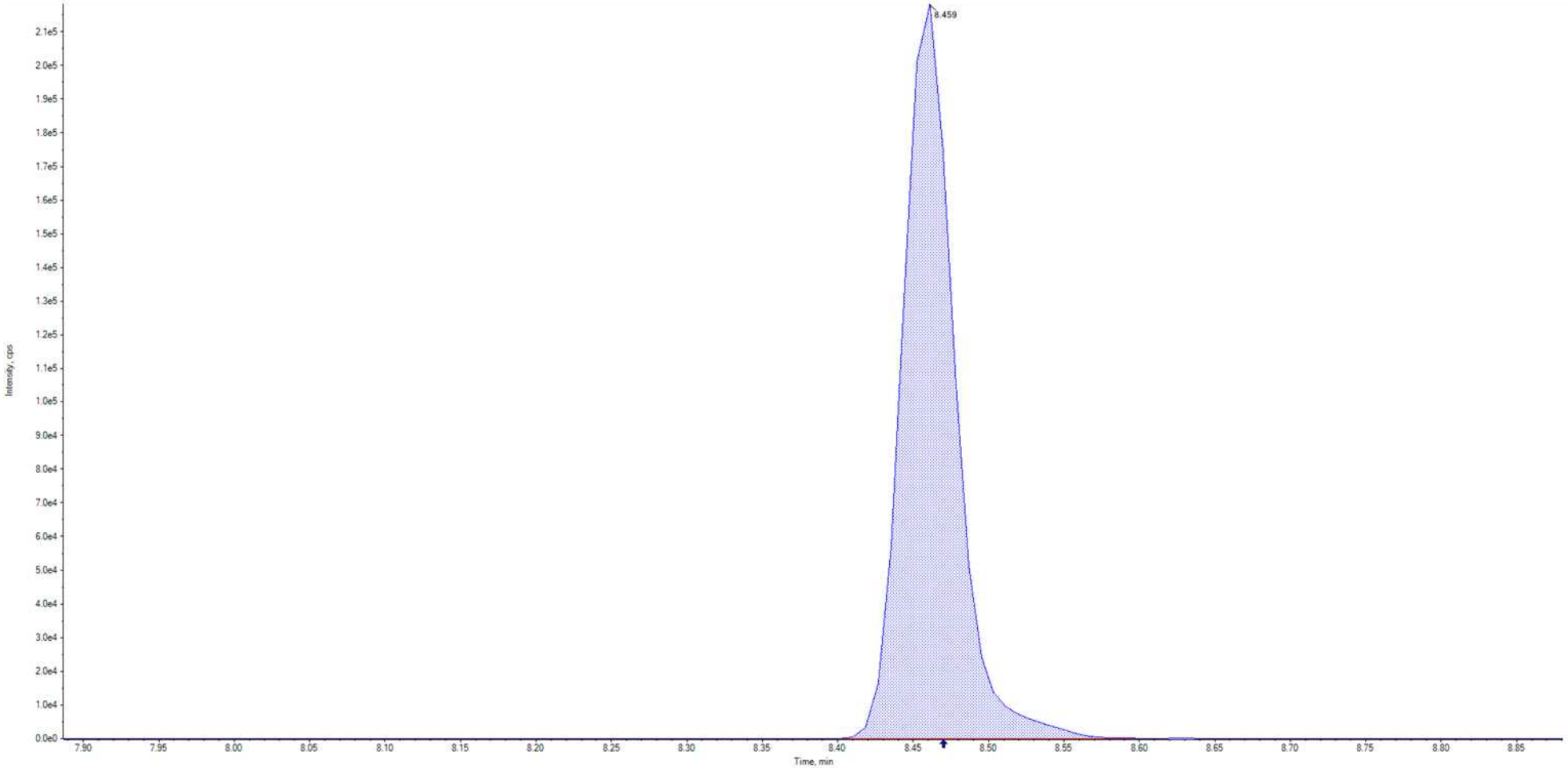


13C6-PFDA
Sample: WG1958909-6,INSTBLANK



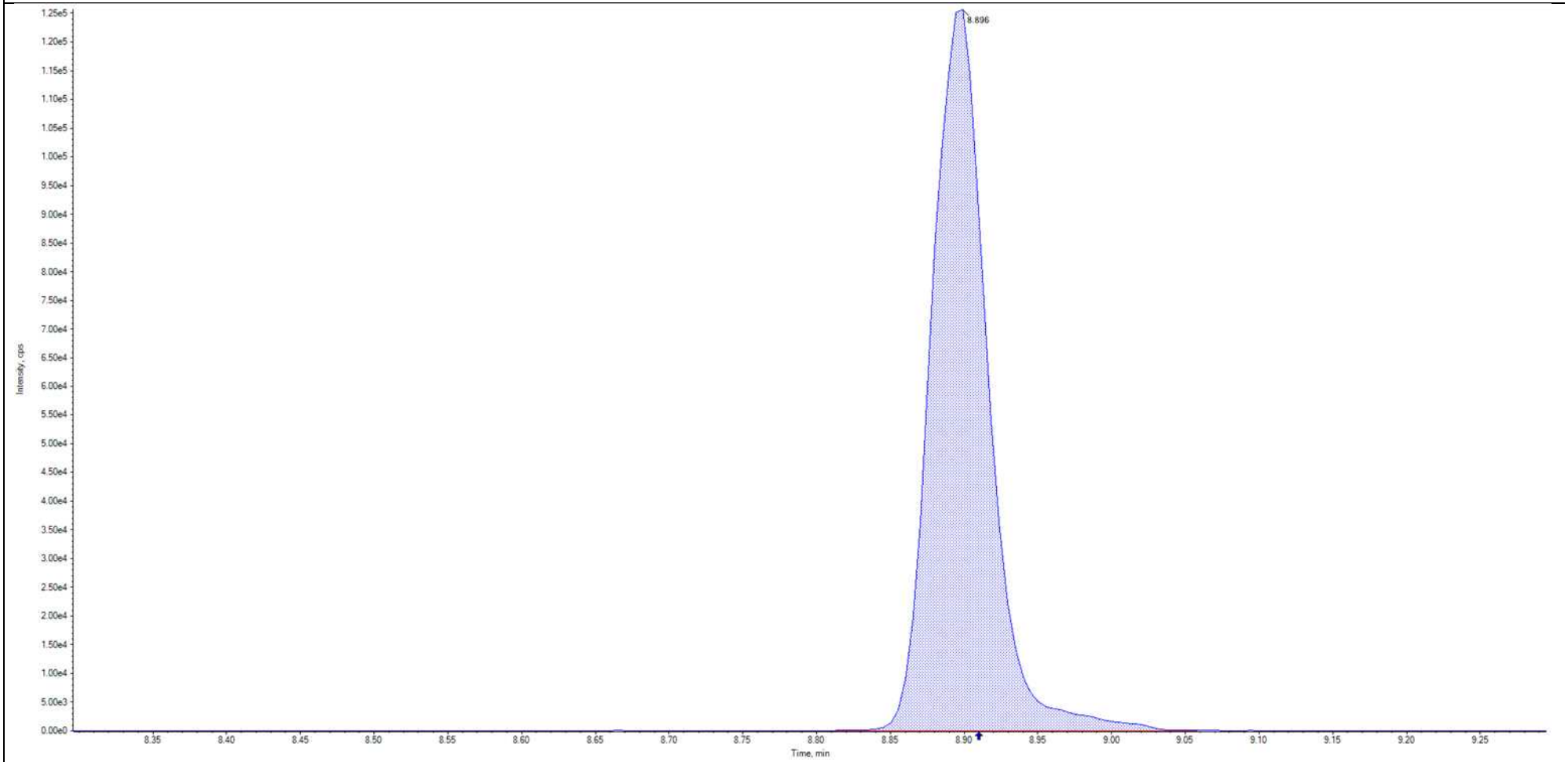
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_84.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C7-PFUnA
Sample: WG1958909-6,INSTBLANK



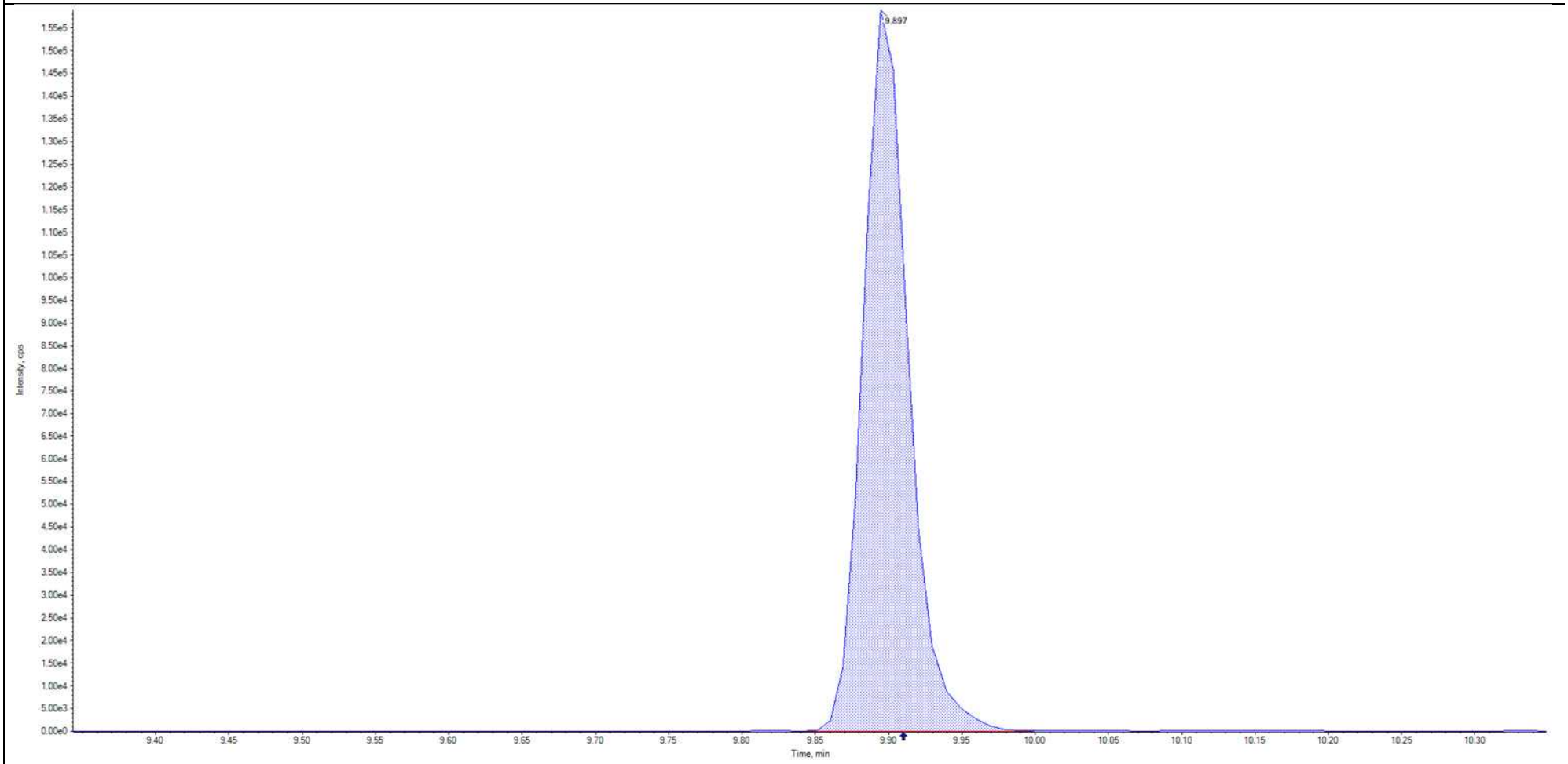
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_84.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C2-PFDoA
Sample: WG1958909-6,INSTBLANK



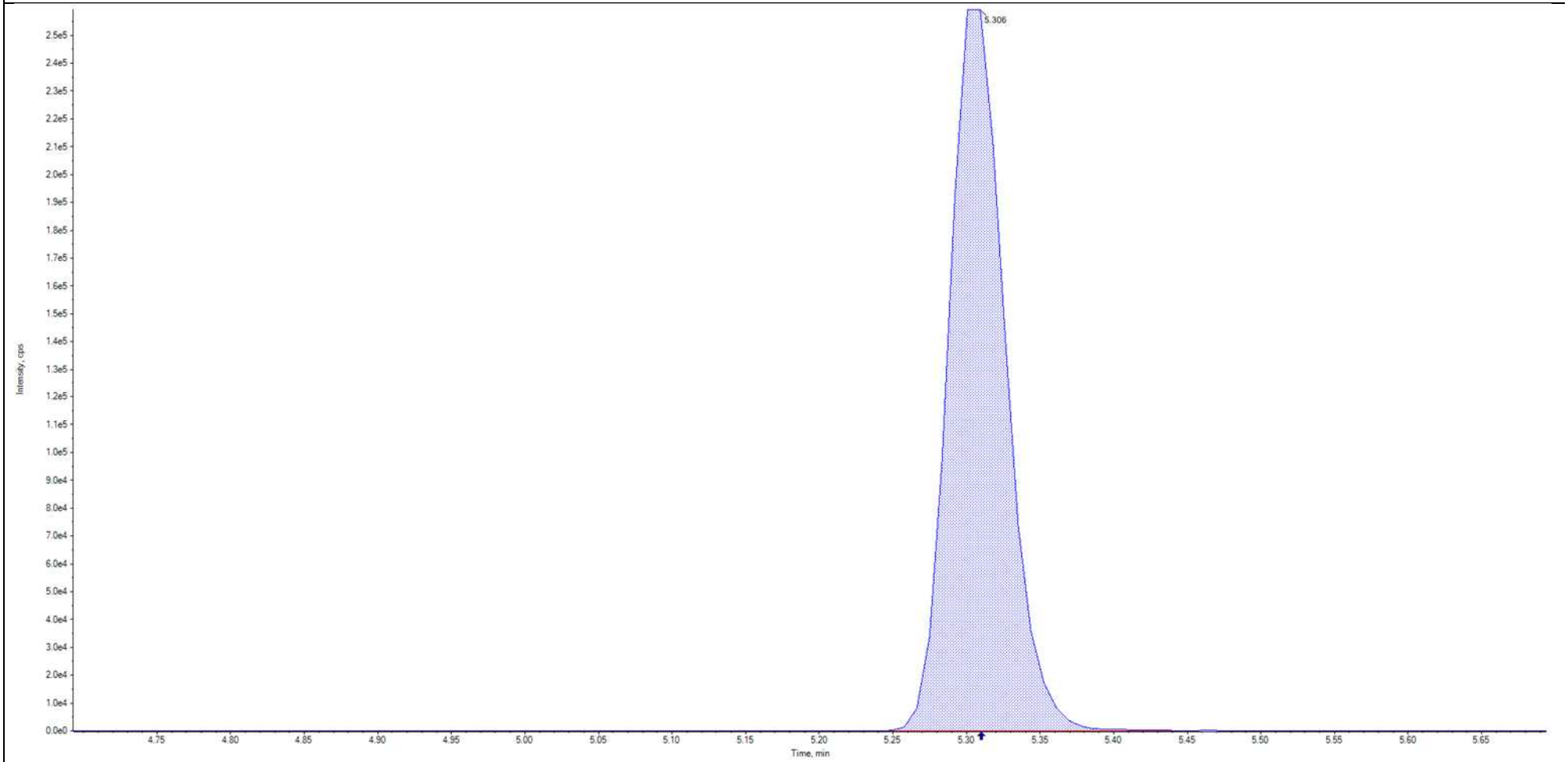
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_84.wiff
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13C2-PFTeDA
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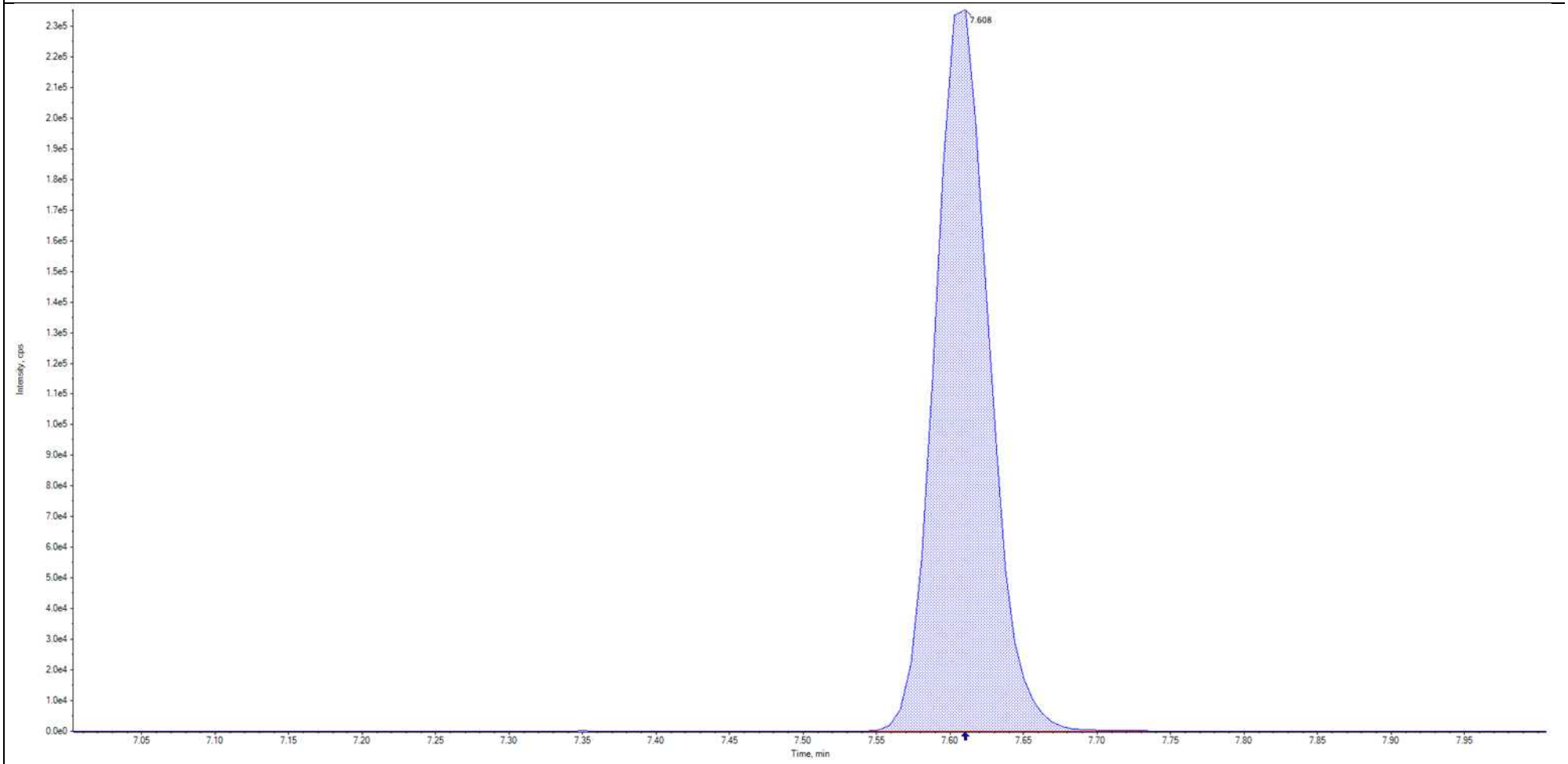
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13C3-PFBS
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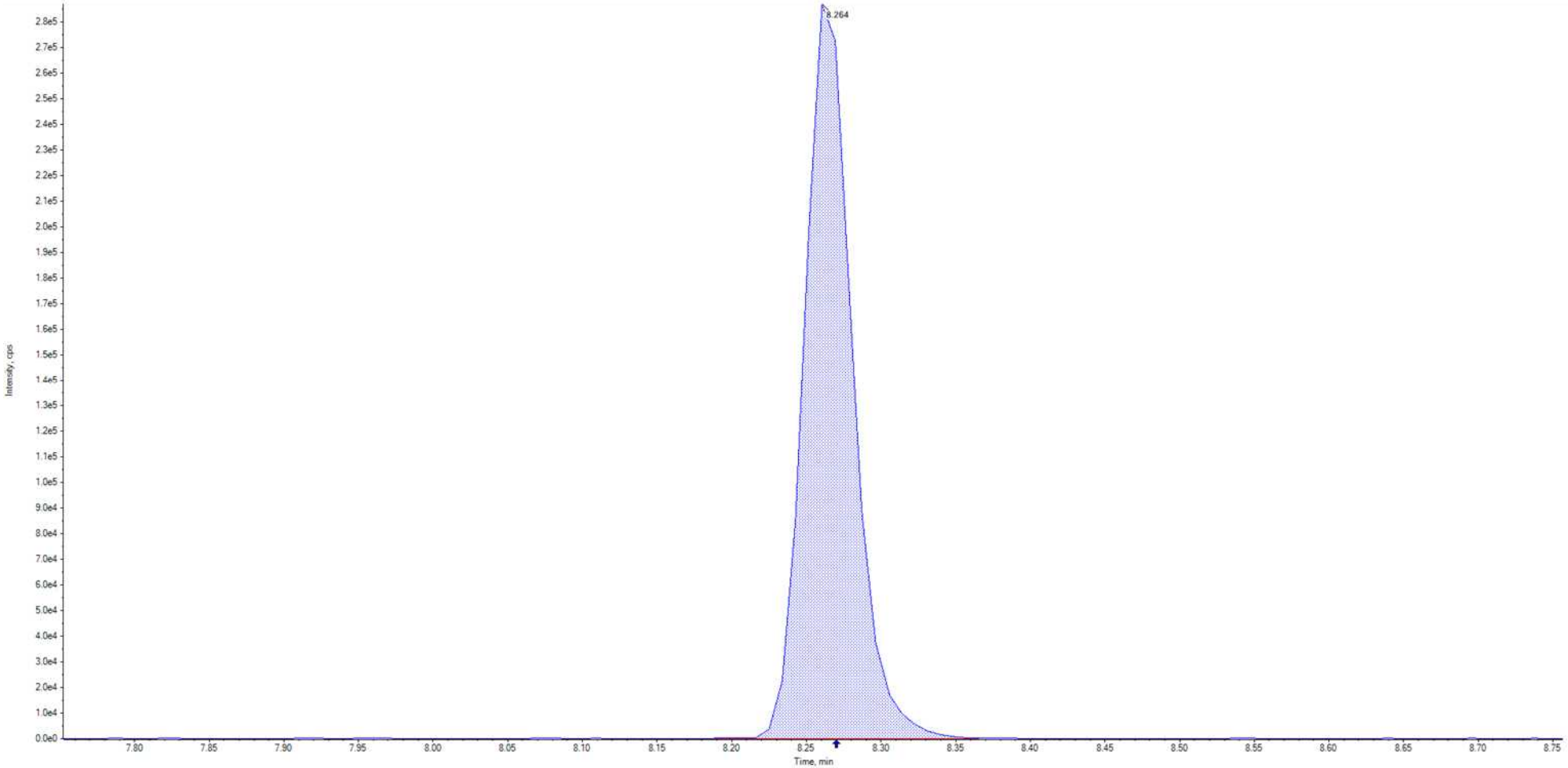
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Last Altered: 8/14/2024 9:55:24 AM
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13C3-PFHxS
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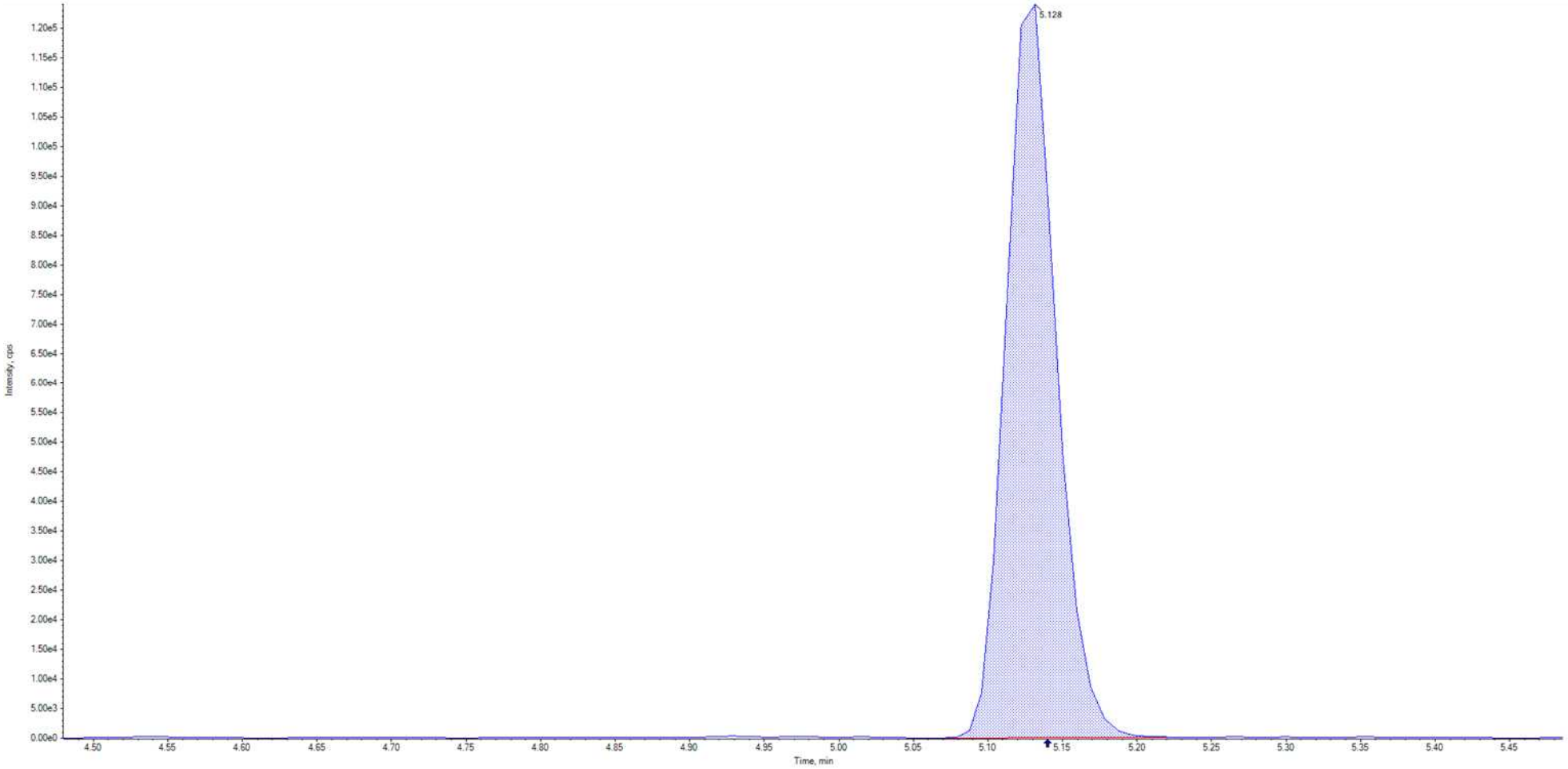


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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Last Altered: 8/14/2024 9:55:24 AM
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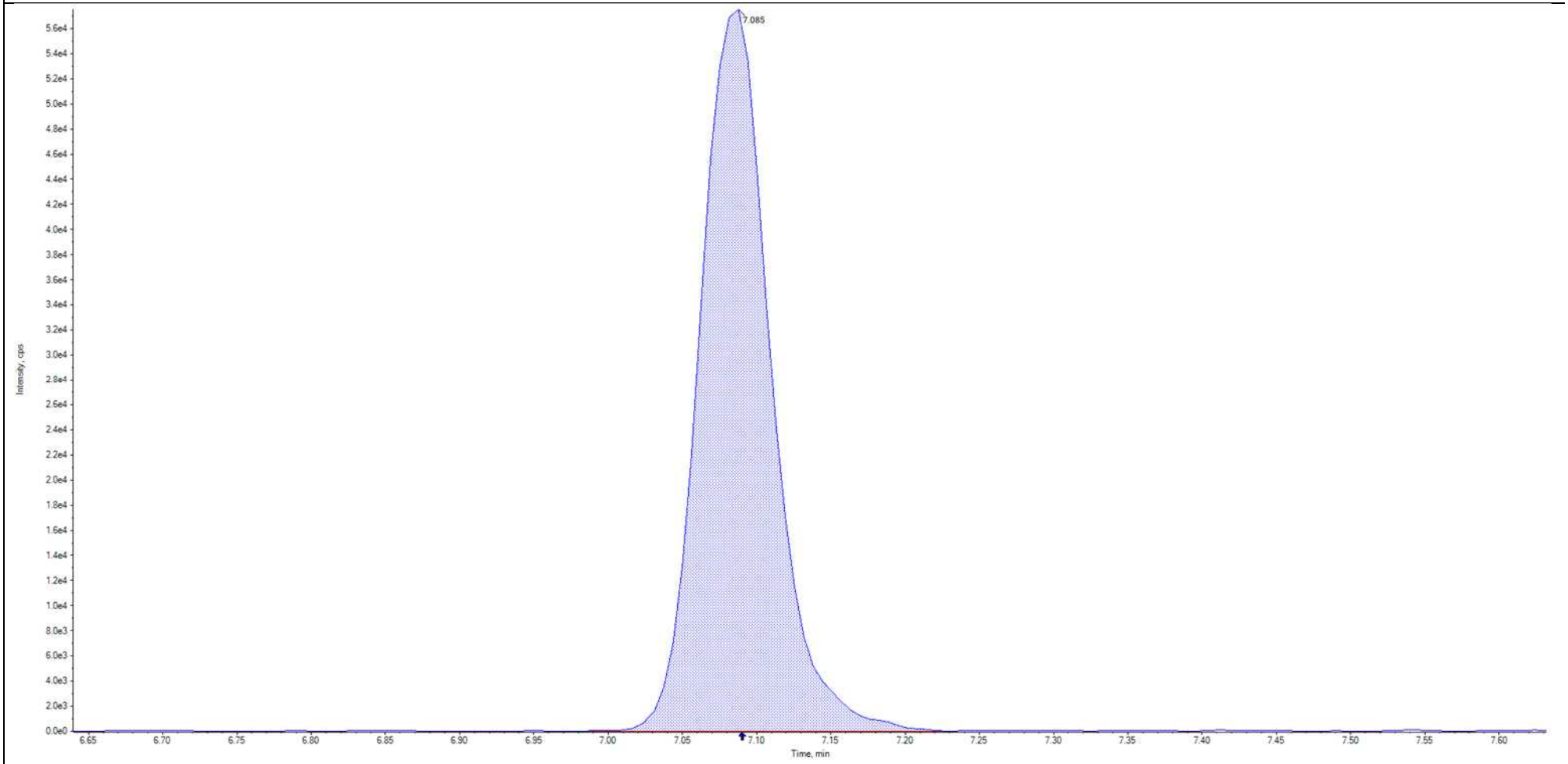
13C8-PFOS
Sample: WG1958909-6,INSTBLANK



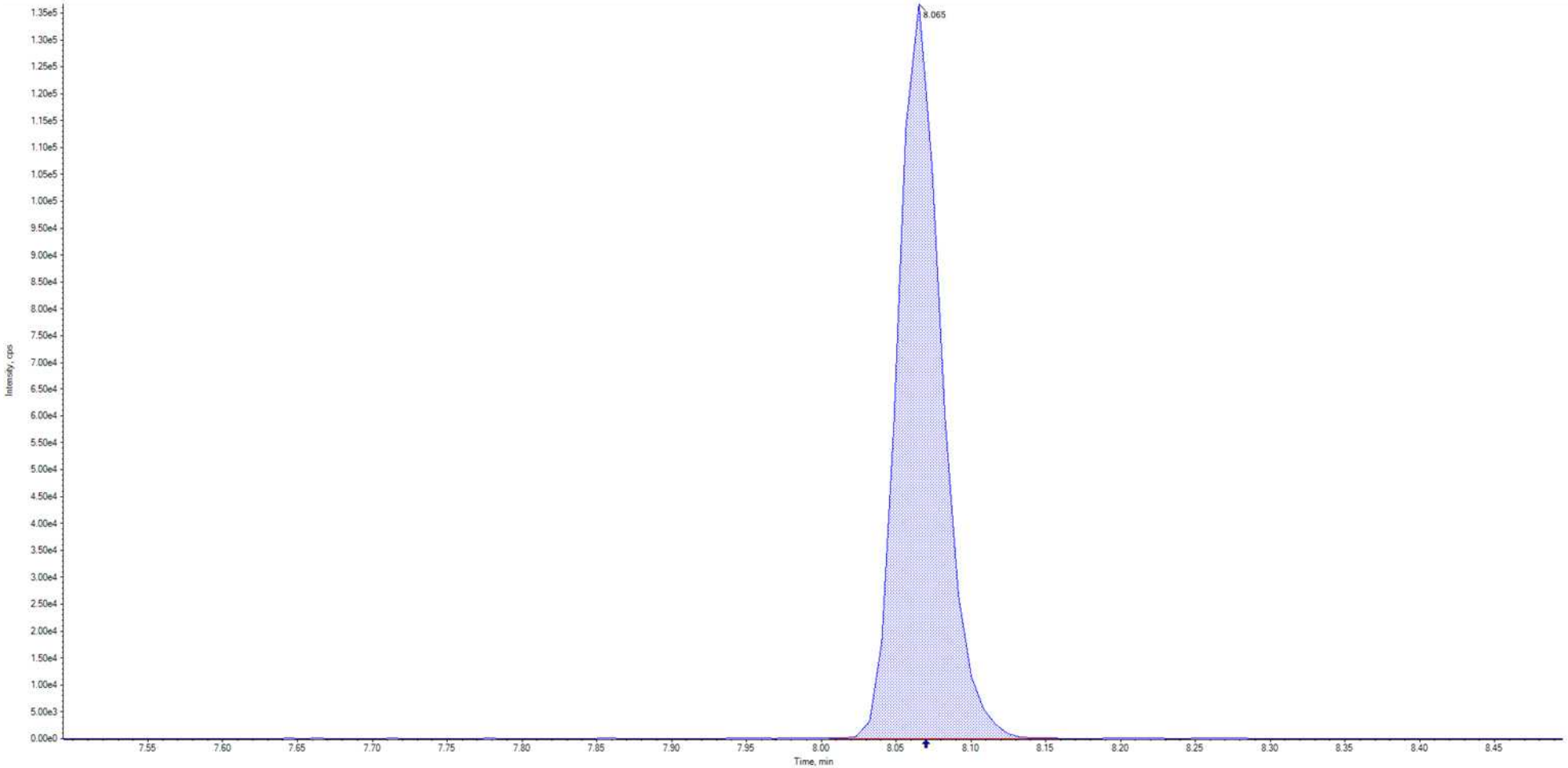
13C2-4:2FTS
Sample: WG1958909-6,INSTBLANK



13C2-6:2FTS
Sample: WG1958909-6,INSTBLANK

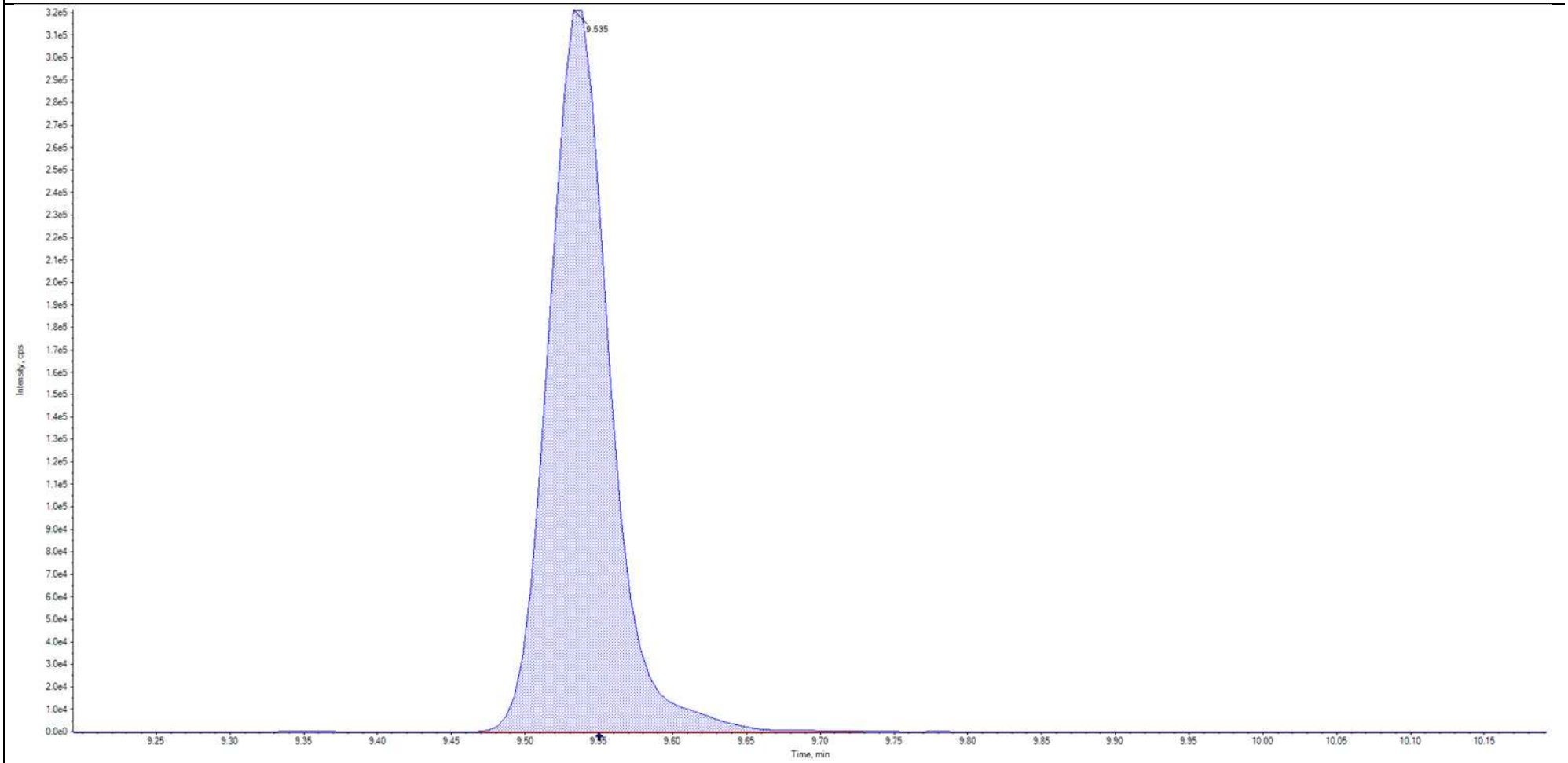


13C2-8:2FTS
Sample: WG1958909-6,INSTBLANK

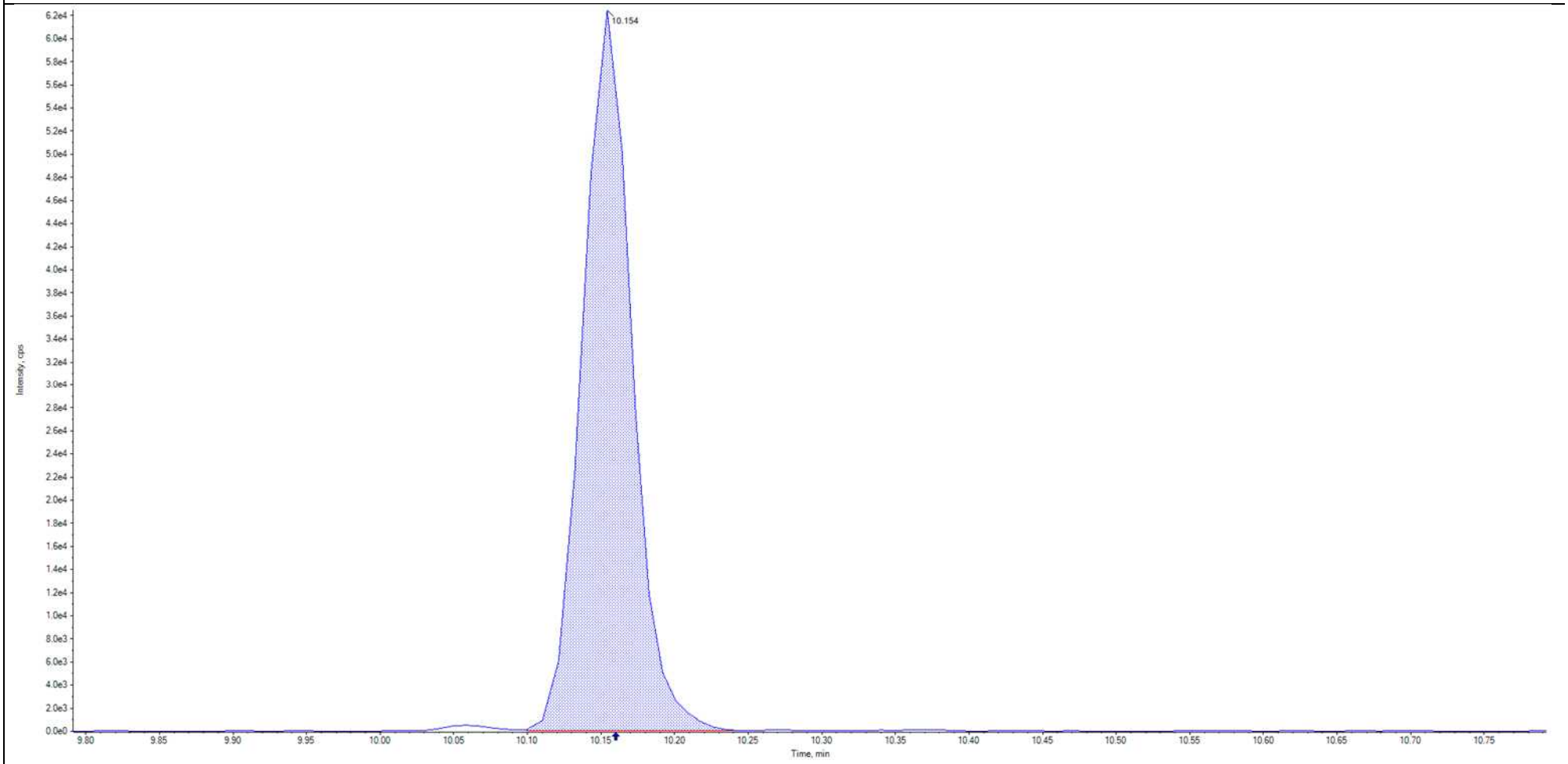


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

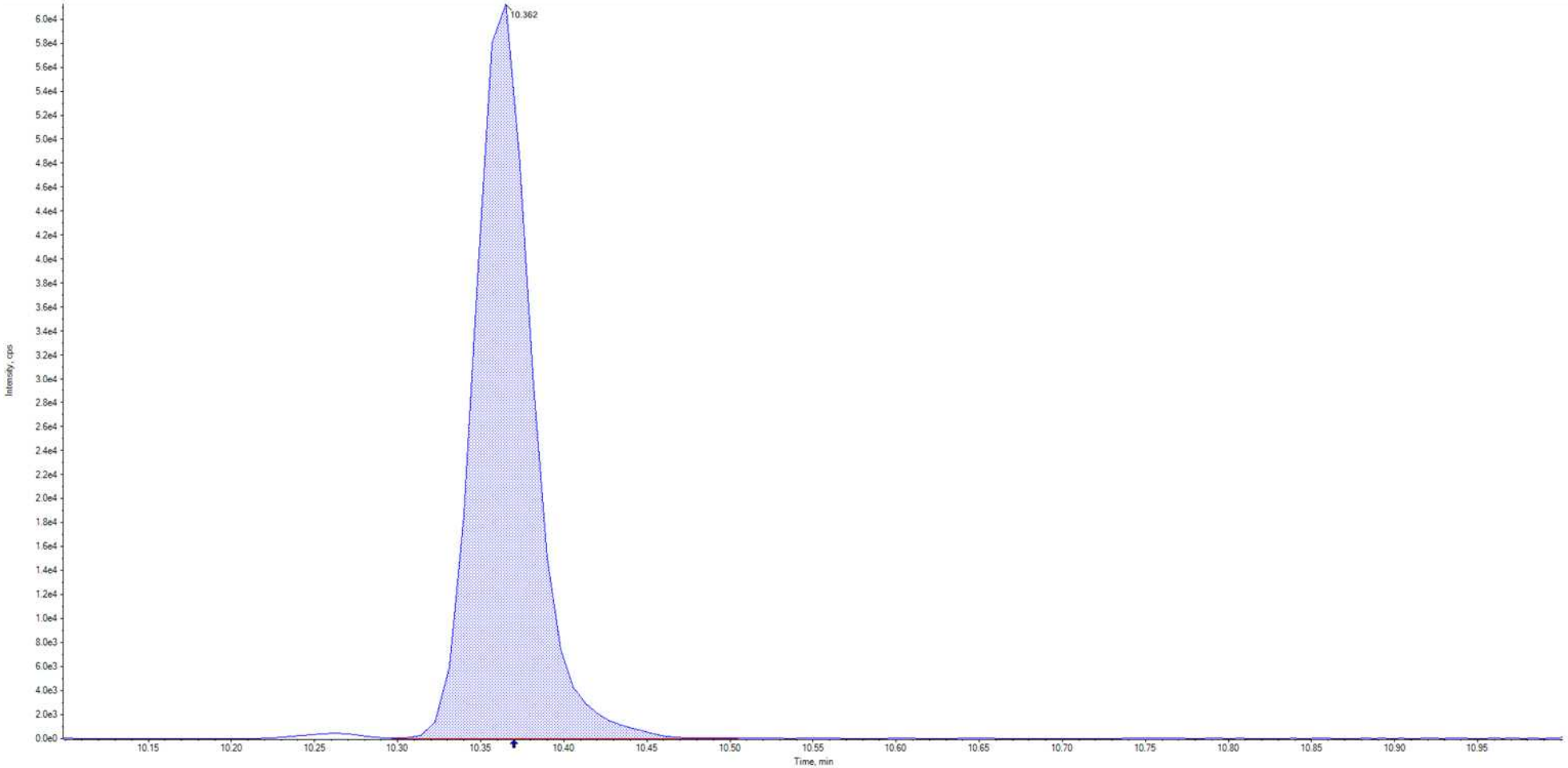
13C8-PFOSA
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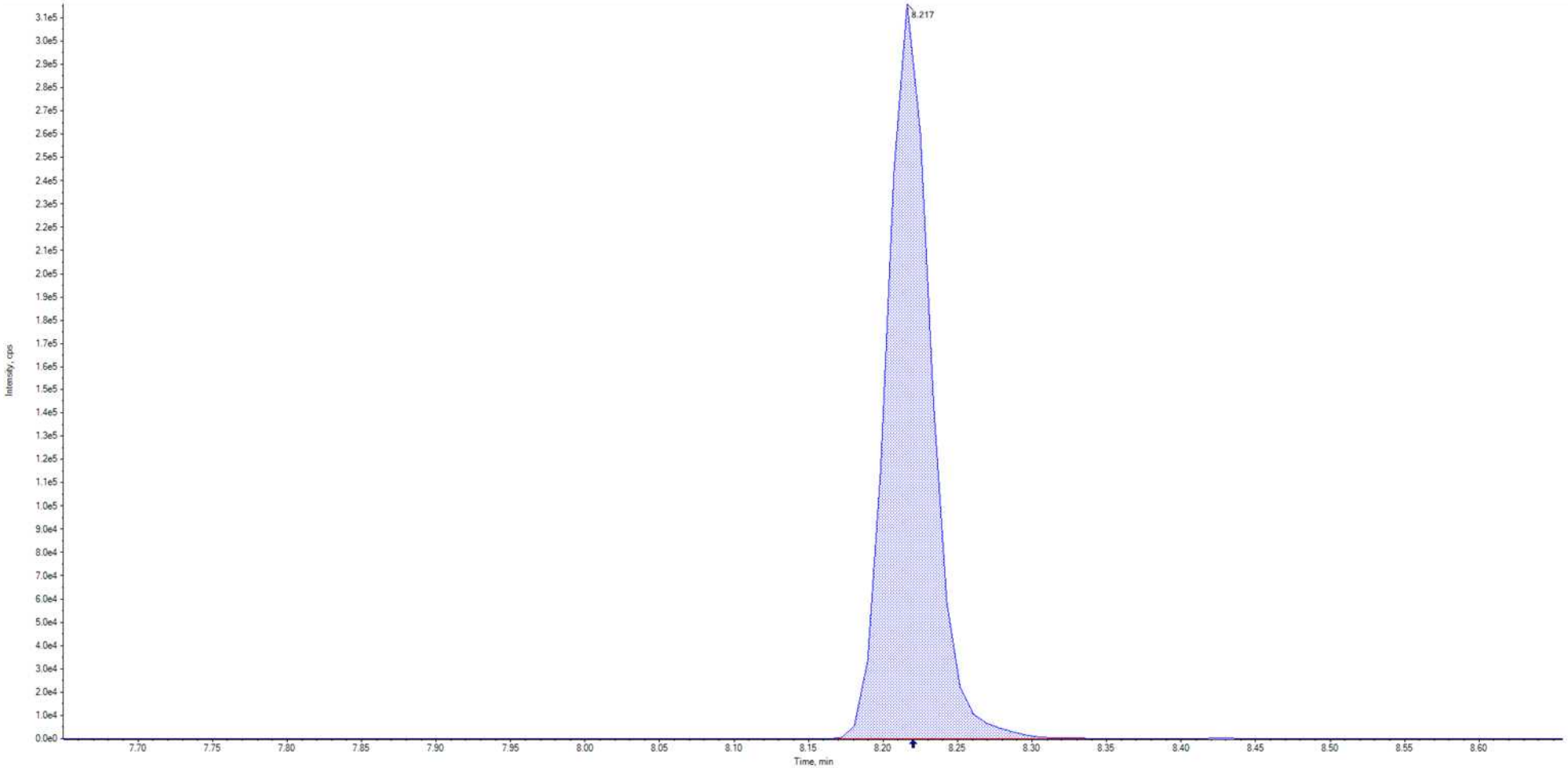
d3-NMeFOSA
Sample: WG1958909-6,INSTBLANK



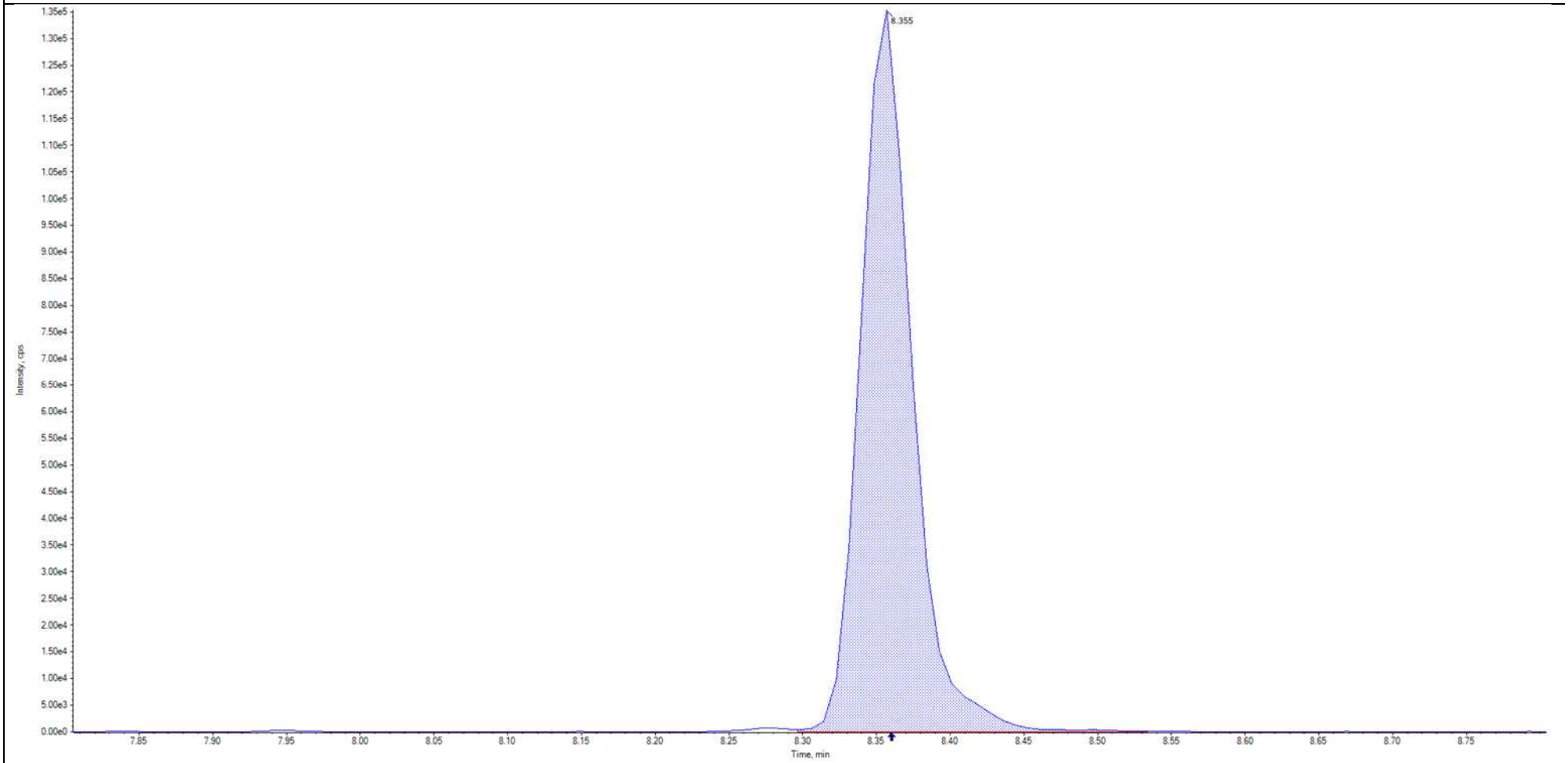
d5-NEtFOSA
Sample: WG1958909-6,INSTBLANK



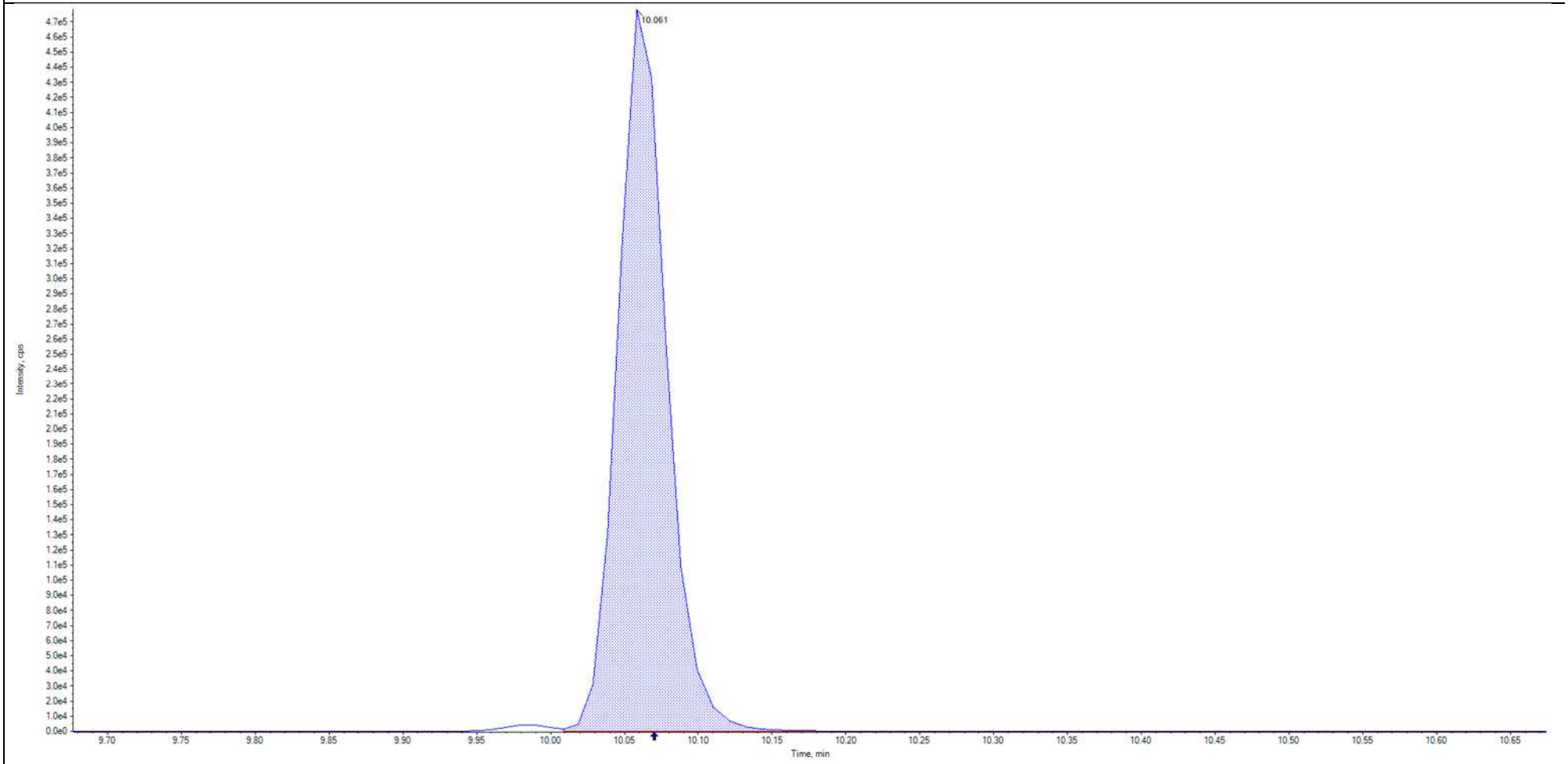
d3-NMeFOSAA
Sample: WG1958909-6,INSTBLANK



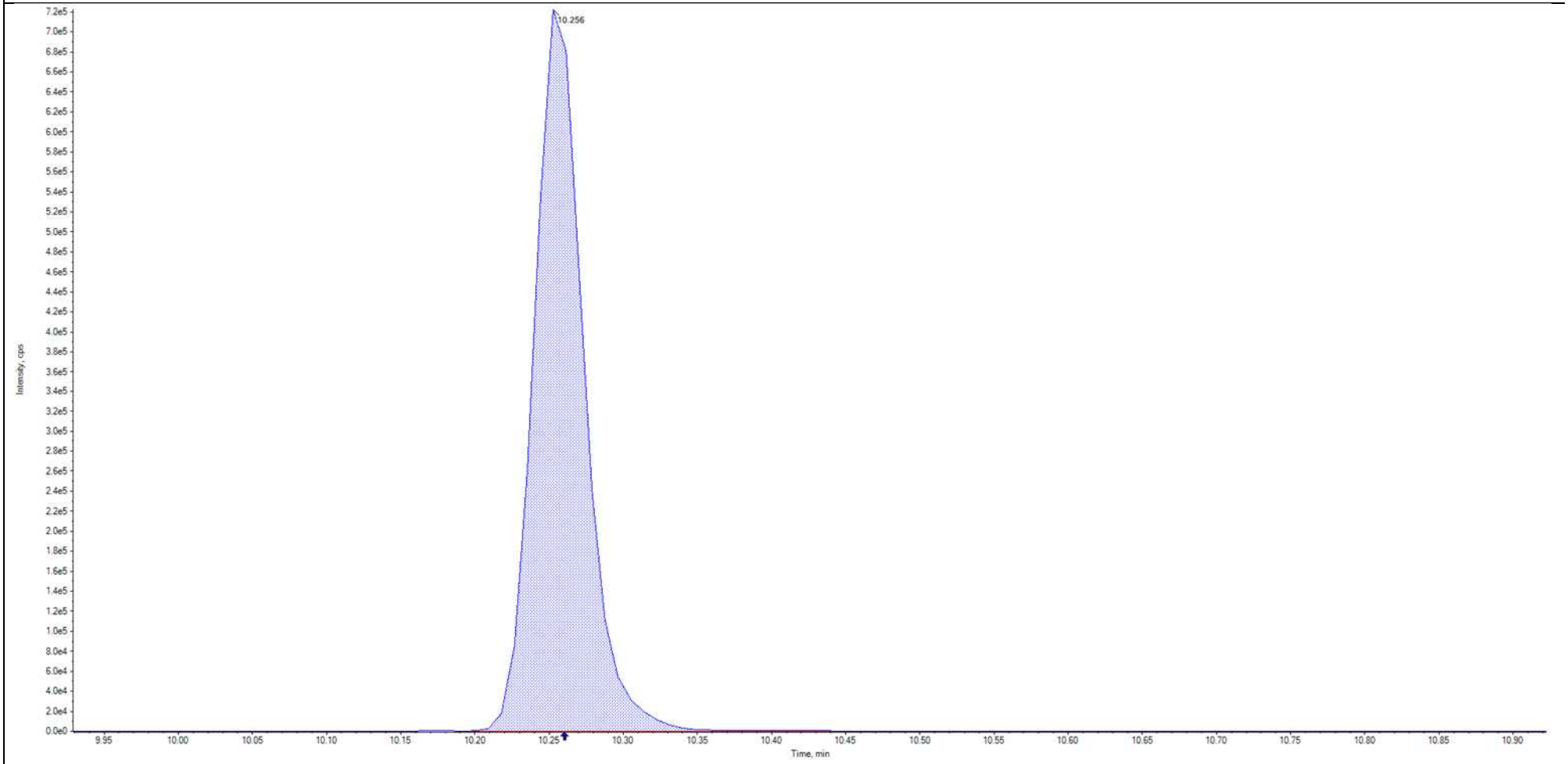
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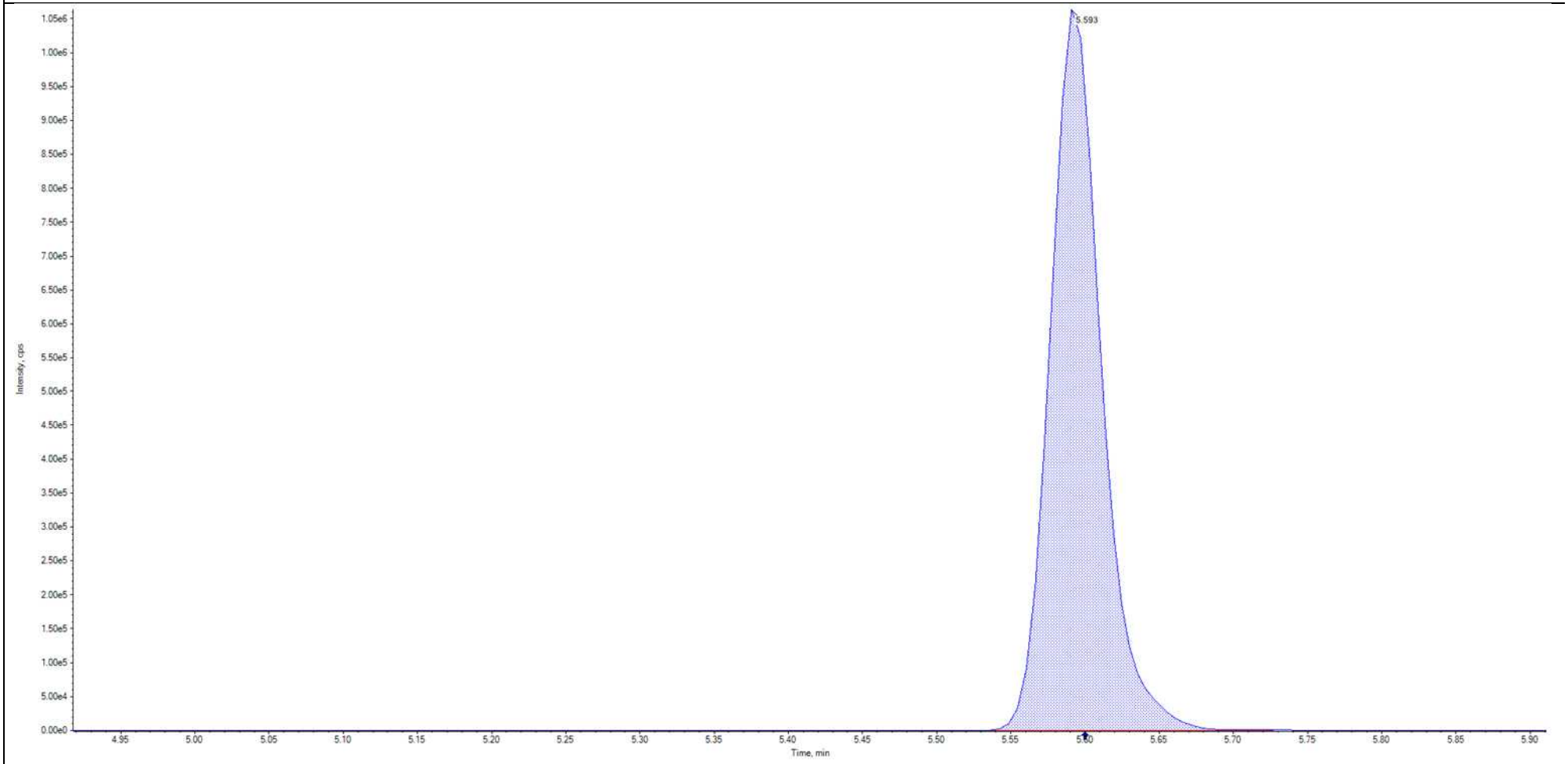
d7-NMeFOSE
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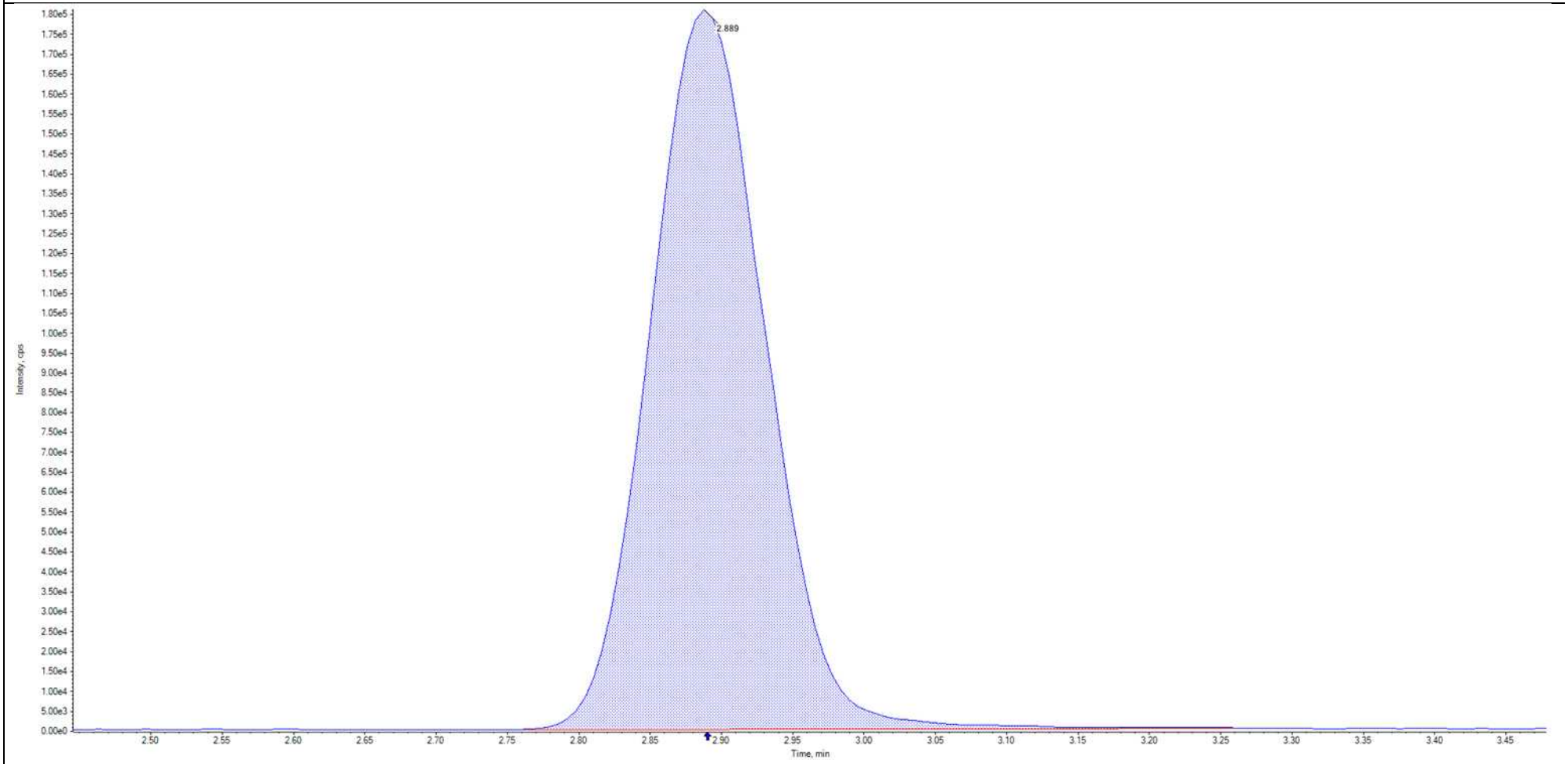
d9-NEtFOSE
Sample: WG1958909-6,INSTBLANK



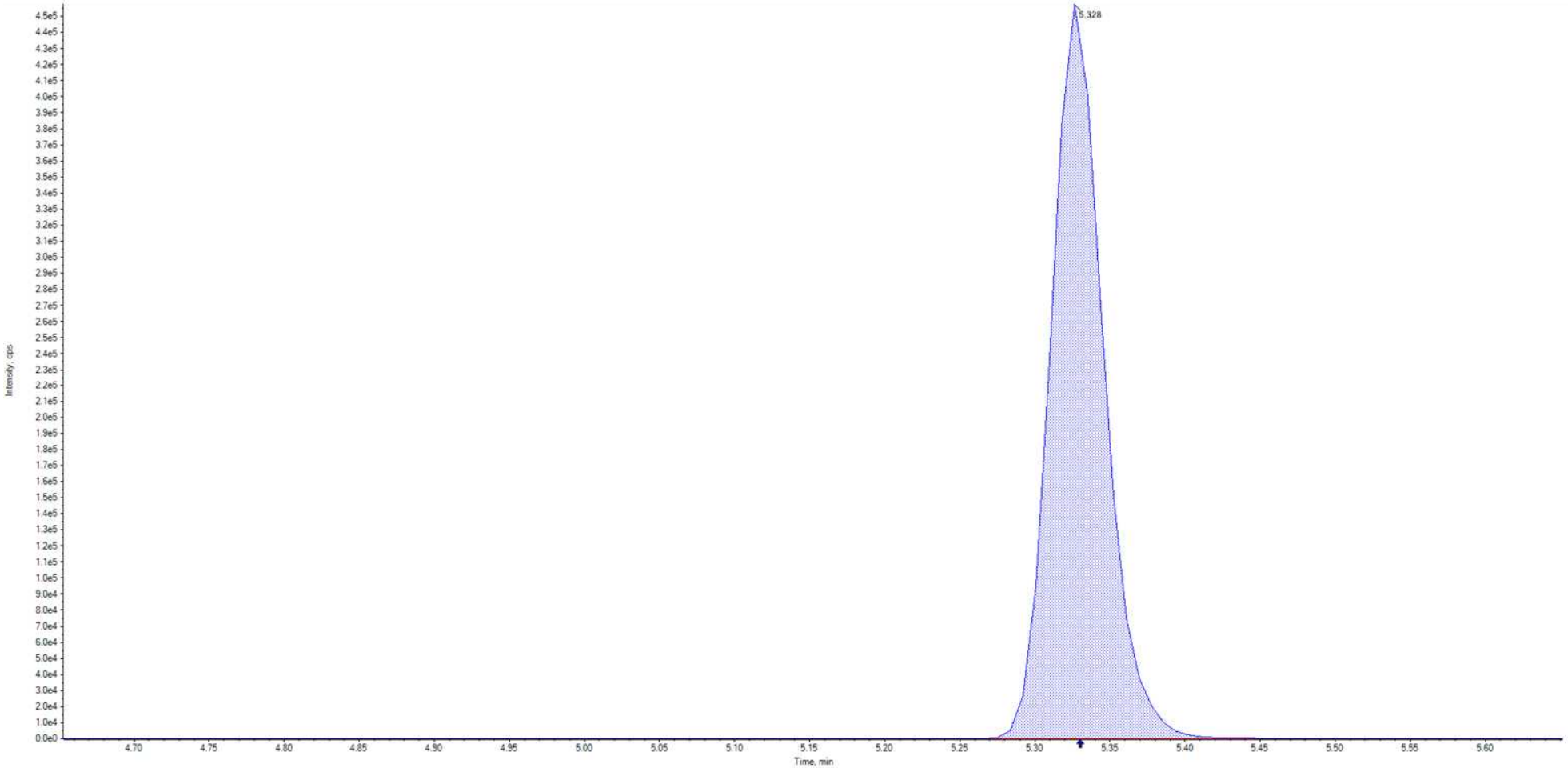
13C3-HFPO-DA
Sample: WG1958909-6,INSTBLANK



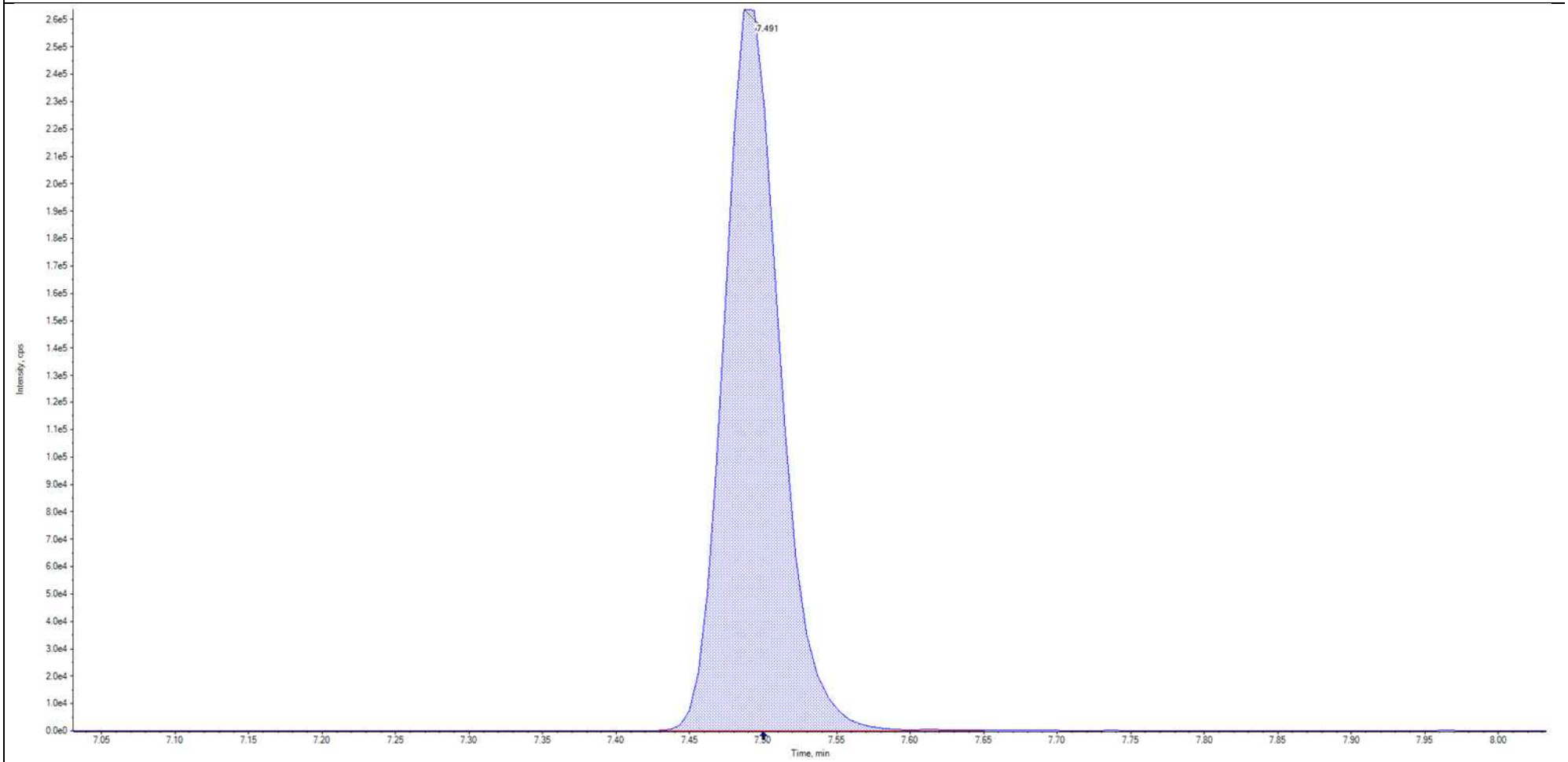
13C3-PFBA
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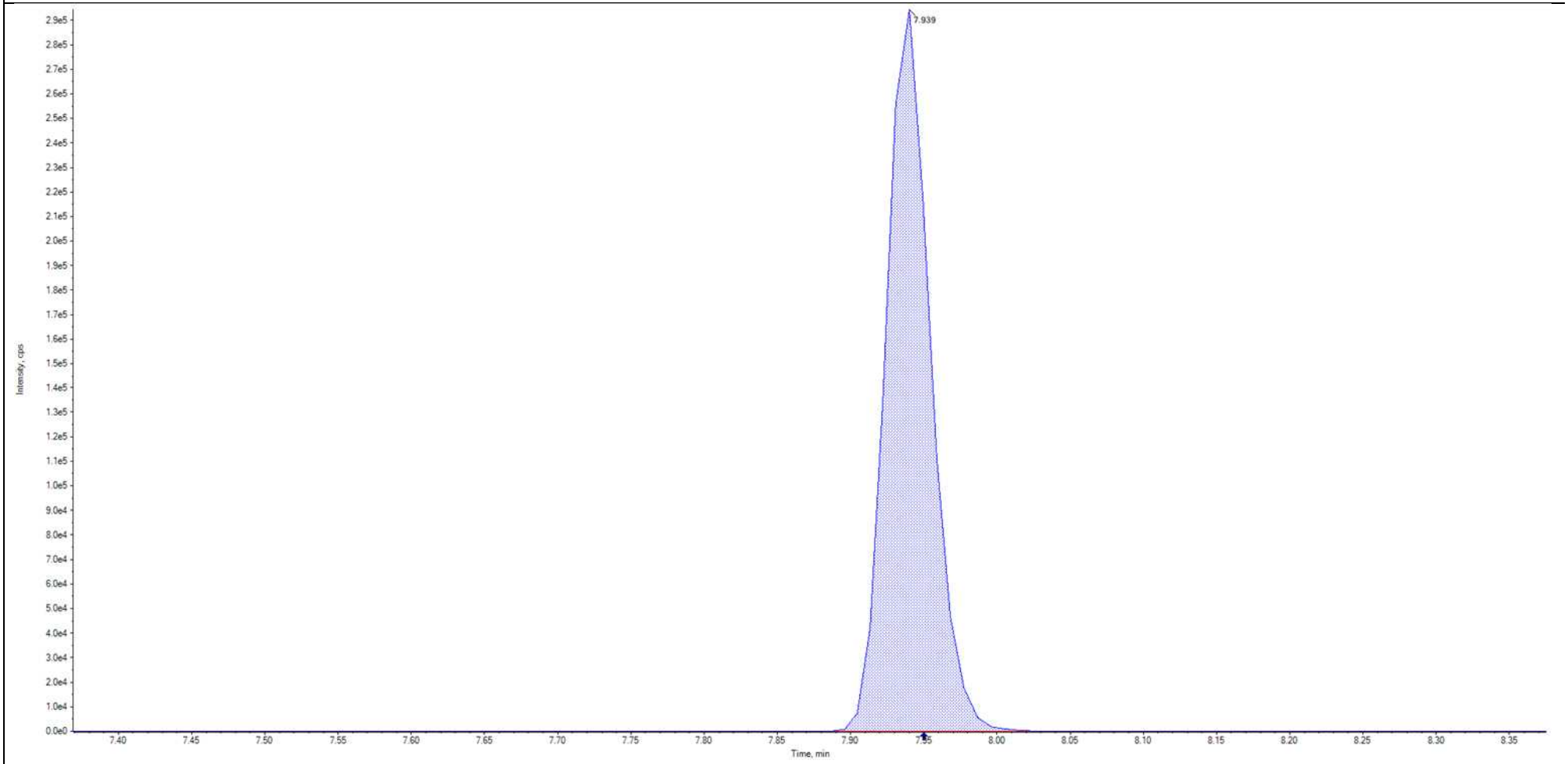
13C2-PFHxA
Sample: WG1958909-6,INSTBLANK



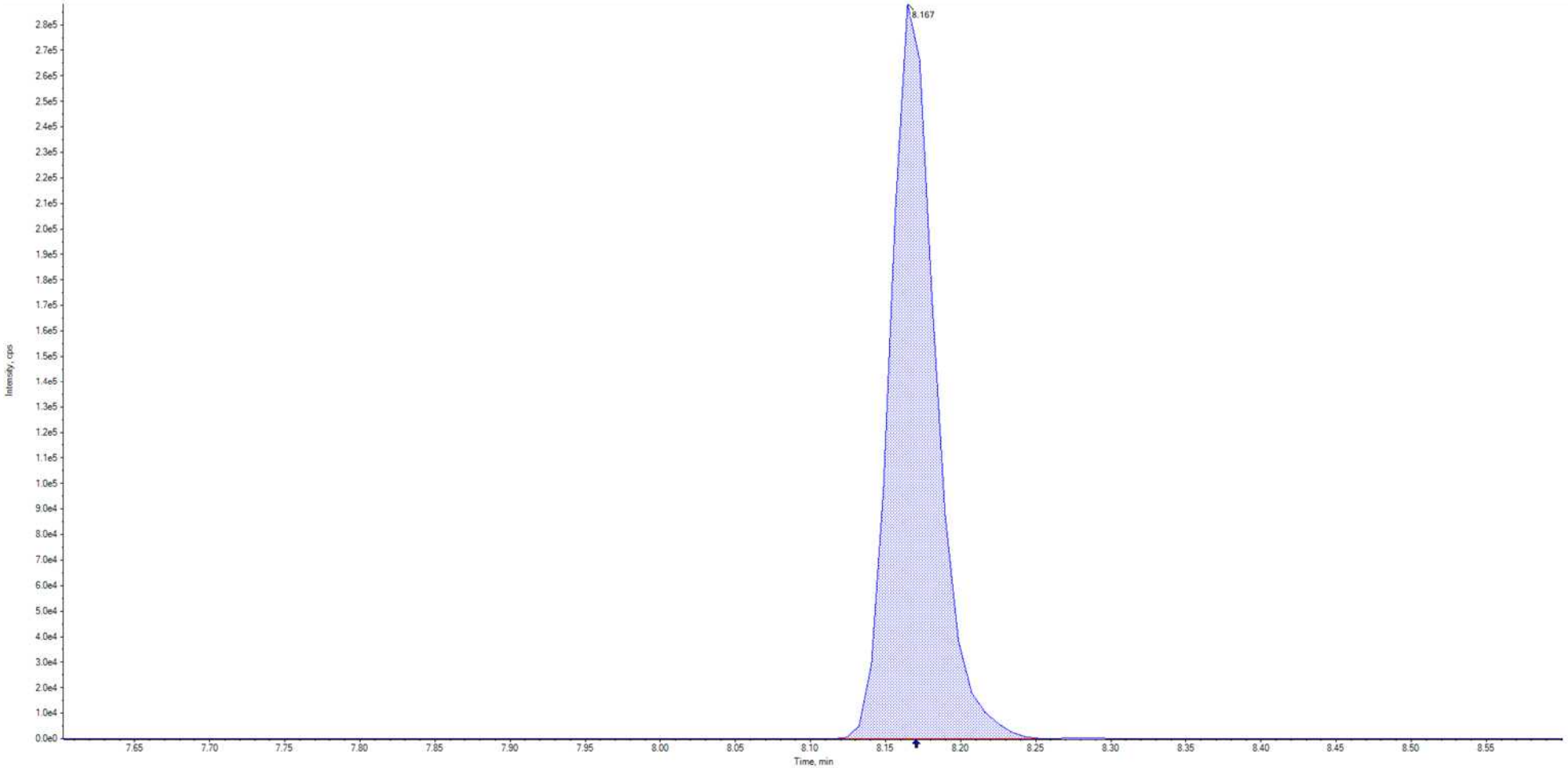
13C4-PFOA
Sample: WG1958909-6,INSTBLANK



13C5-PFNA
Sample: WG1958909-6,INSTBLANK

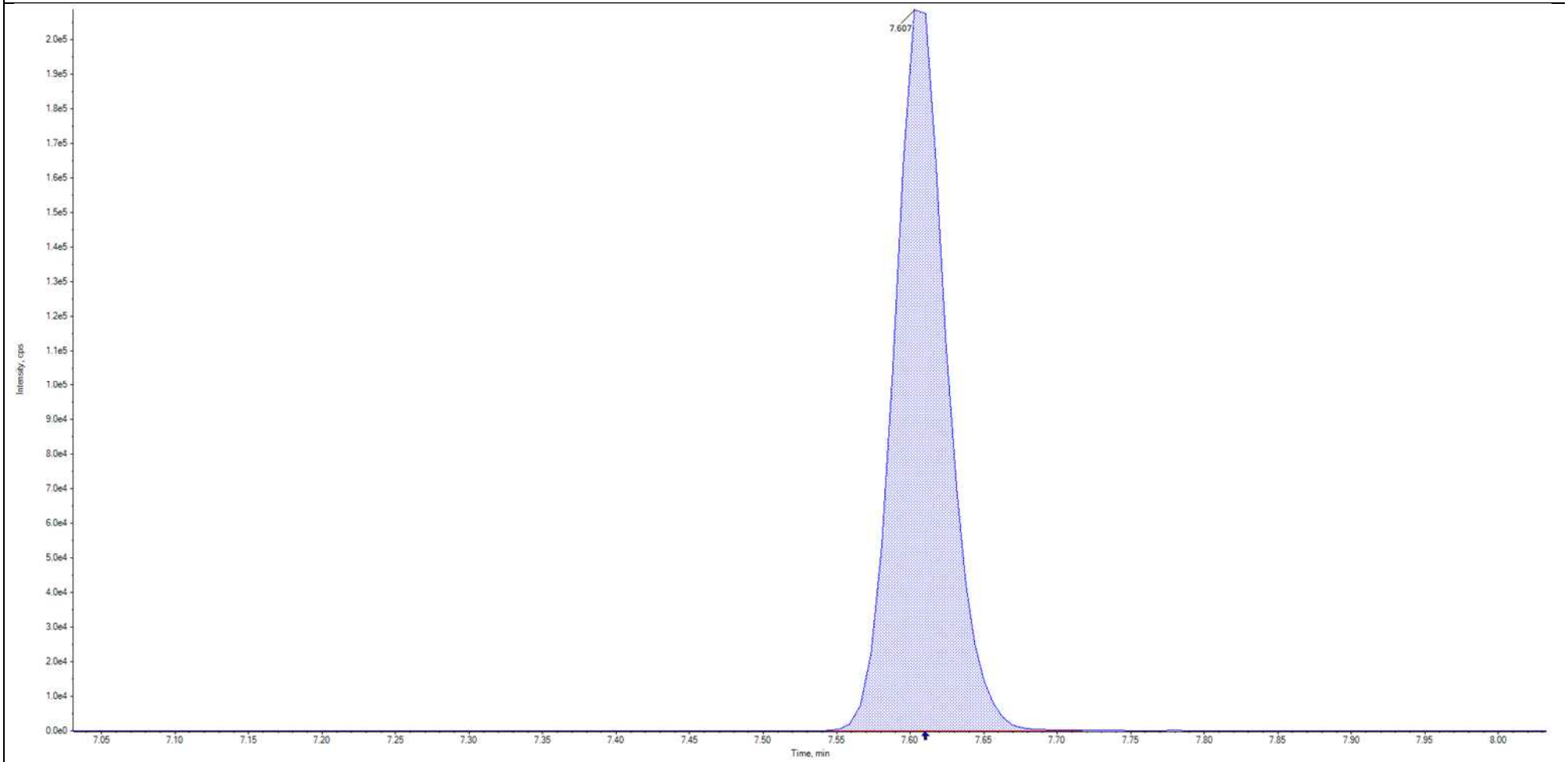


13C2-PFDA
Sample: WG1958909-6,INSTBLANK



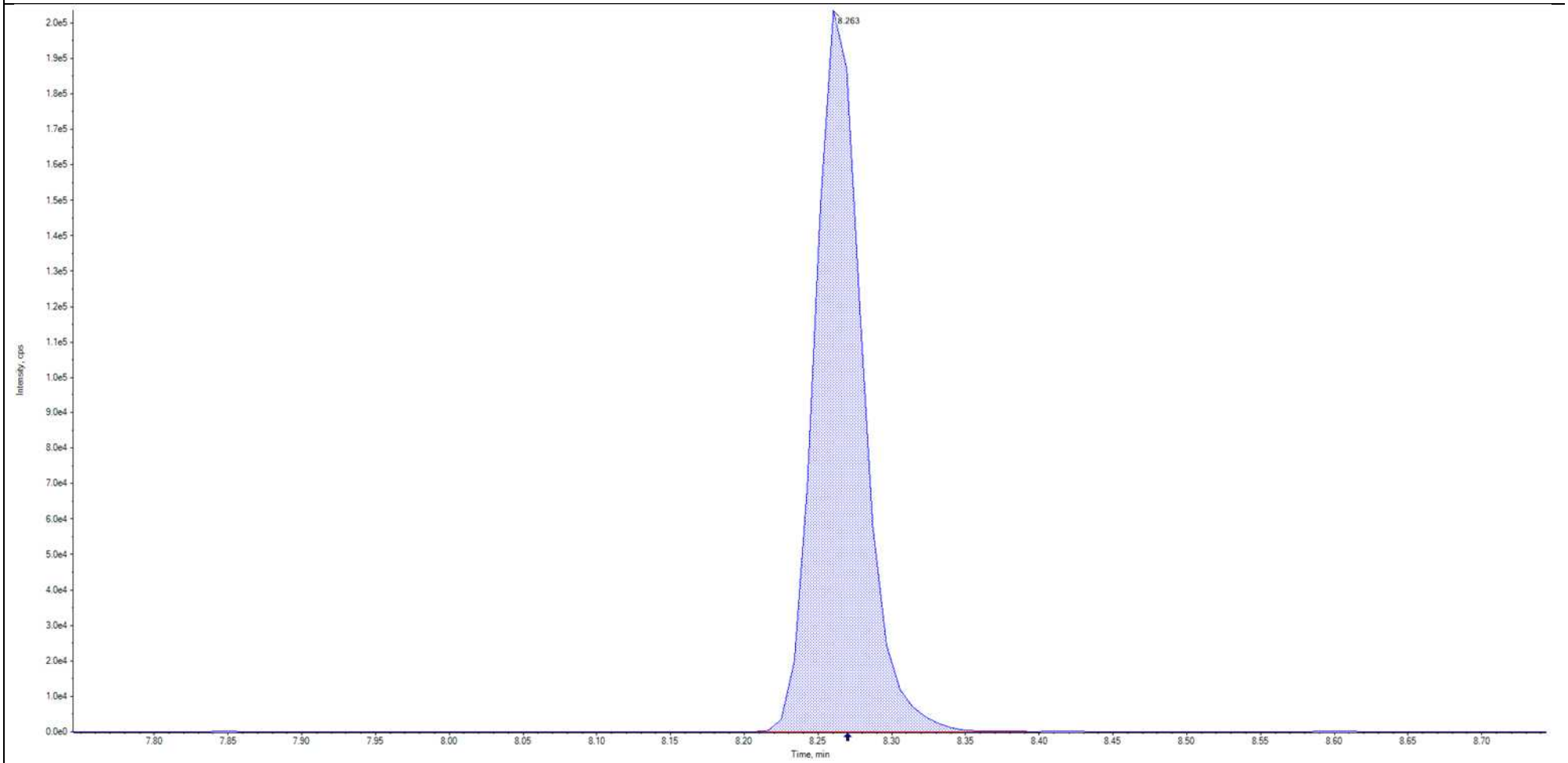
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_84.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

18O2-PFHxS
Sample: WG1958909-6,INSTBLANK



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_84.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

13C4-PFOS
Sample: WG1958909-6,INSTBLANK



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_08_13\Data\SCI05_240813_84.wiff
Last Altered: 8/14/2024 9:55:24 AM
Generated: 8/14/2024 9:40:32 AM

Standard Description: **EPA 1633** **Calibration**
Standard Laboratory ID Number: **EPA1633_240813_CAL**

Assigned Lab ID	Chemical Name	Stock Concentration(ug/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Standard Concentration (ng/mL)
LCMS240723DV,EJ,LCMS240628CL,CM	U.S. EPA Method 1633 Native PFAS Stock Solution/Mixture	0.250	Wellington/EPA-1633STK/537H	4000.0	10.0	MeOH	100
OS062024C	NH_4OH	100%	AVANTOR/UN2672/Dioxin Lab	316.8	10.0	MeOH	3.2%
2023111300	CH_3OOH	100%	VWR/BDH3098-3.8LP/Dioxin Lab	62.5	10.0	MeOH	0.6%
DI Water	H_2O	100%	DI/Dioxin Lab	160.8	10.0	MeOH	1.6%
Solution Prepared By:	JW		Date Prepared:	August 12, 2024		Expiration Date:	February 9, 2025
Solvent Lot	EI713-US MeOH		Refrigerator / Freezer No:	537H Fridge		Pipettes Used:	247, 342

	WG1958909			LCMS05				
	ICAL	Cal STD		LCMS240724G	LCMS240724AA	ECRD240809	EPA1633_240404_TOP	
	Cal Level	EPA1633_240813_CAL	Serial Dilution	EIS µL	NIS µL	Blank µL	TOP Surr	Final Vol µL
*	IA1633STD-.1	0	80 µl IA1633STD-1.25	5	5	985	5	1000
*	IA1633STD-.2	0	80 µl IA1633STD-2.5	5	5	985	5	1000
*	IA1633STD-.5	0	100 µl IA1633STD-5	5	5	985	5	1000
	IA1633STD-1.25	12.5		5	5	972.5	5	1000
	IA1633STD-2.5	25		5	5	960	5	1000
	IA1633STD-5	50		5	5	935	5	1000
	IA1633STD-12.5	125		5	5	860	5	1000
	IA1633STD-25	250		5	5	735	5	1000
	IA1633STD-62.5	625		5	5	360	5	1000
	CA1633STD-10	5 µl LCMS231120C		5	5	980	5	1000
	WG1950281-4,TRS/-5,BSICS	20 µl EPA1633_240709_BILE		0	0	980	0	1000
	Prepared:	ANH 8/13/2024						

METHOD: 1633
ICAL: 21391
WORKGROUP: 1958909
DATE: 8/13/2024

CAS #	Component Name	*Expected Ratio	Lower Limit	Upper Limit
375-22-4	PFBA	N/A	N/A	N/A
2706-90-3	PFPeA	0.007	N/A	N/A
2706-90-3	PFPeA_2	0.007	N/A	N/A
307-24-4	PFHxA	0.072	0.036	0.108
307-24-4	PFHxA_2	0.072	0.036	0.108
375-85-9	PFHpA	0.297	0.1485	0.4455
375-85-9	PFHpA_2	0.297	0.1485	0.4455
335-67-1	PFOA	0.586	0.293	0.879
335-67-1	PFOA_2	0.586	0.293	0.879
375-95-1	PFNA	0.313	0.1565	0.4695
375-95-1	PFNA_2	0.313	0.1565	0.4695
335-76-2	PFDA	0.142	0.071	0.213
335-76-2	PFDA_2	0.142	0.071	0.213
2058-94-8	PFUnA	0.194	0.097	0.291
2058-94-8	PFUnA_2	0.194	0.097	0.291
307-55-1	PFDoA	0.167	0.0835	0.2505
307-55-1	PFDoA_2	0.167	0.0835	0.2505
72629-94-8	PFTrDA	0.228	0.114	0.342
72629-94-8	PFTrDA_2	0.228	0.114	0.342
376-06-7	PFTeDA	0.137	0.0685	0.2055
376-06-7	PFTeDA_2	0.137	0.0685	0.2055
375-73-5	PFBS	0.396	0.198	0.594
375-73-5	PFBS_2	0.396	0.198	0.594
2706-91-4	PFPeS	0.299	0.1495	0.4485
2706-91-4	PFPeS_2	0.299	0.1495	0.4485
355-46-4	PFHxS	0.315	0.1575	0.4725
355-46-4	PFHxS_2	0.315	0.1575	0.4725
375-92-8	PFHpS	0.287	0.1435	0.4305
375-92-8	PFHpS_2	0.287	0.1435	0.4305
1763-23-1	PFOS	0.238	0.119	0.357
1763-23-1	PFOS_2	0.238	0.119	0.357
68259-12-1	PFNS	0.301	0.1505	0.4515
68259-12-1	PFNS_2	0.301	0.1505	0.4515
335-77-3	PFDS	0.275	0.1375	0.4125
335-77-3	PFDS_2	0.275	0.1375	0.4125
79780-39-5	PFDoS	0.274	0.137	0.411
79780-39-5	PFDoS_2	0.274	0.137	0.411
757124-72-4	4:2FTS	0.516	0.258	0.774
757124-72-4	4:2FTS_2	0.516	0.258	0.774
27619-97-2	6:2FTS	0.565	0.2825	0.8475
27619-97-2	6:2FTS_2	0.565	0.2825	0.8475
39108-34-4	8:2FTS	0.662	0.331	0.993
39108-34-4	8:2FTS_2	0.662	0.331	0.993
754-91-6	PFOSA	0.025	0.0125	0.0375
754-91-6	PFOSA_2	0.025	0.0125	0.0375
31506-32-8	NMeFOSA	1.551	0.7755	2.3265
31506-32-8	NMeFOSA_2	1.551	0.7755	2.3265
4151-50-2	NEtFOSA	1.285	0.6425	1.9275
4151-50-2	NEtFOSA_2	1.285	0.6425	1.9275
2355-31-9	NMeFOSAA	0.7	0.35	1.05
2355-31-9	NMeFOSAA_2	0.7	0.35	1.05
2991-50-6	NEtFOSAA	0.487	0.2435	0.7305
2991-50-6	NEtFOSAA_2	0.487	0.2435	0.7305
24448-09-7	NMeFOSE	N/A	N/A	N/A
1691-99-2	NEtFOSE	N/A	N/A	N/A
13252-13-6	HFPO-DA	0.464	0.232	0.696
13252-13-6	HFPO-DA_2	0.464	0.232	0.696
919005-14-4	ADONA	0.634	0.317	0.951
919005-14-4	ADONA_2	0.634	0.317	0.951
756426-58-1	9Cl-PF3ONS	0.322	0.161	0.483
756426-58-1	9Cl-PF3ONS_2	0.322	0.161	0.483
763051-92-9	11Cl-PF3OUdS	0.331	0.1655	0.4965
763051-92-9	11Cl-PF3OUdS_2	0.331	0.1655	0.4965
356-02-5	3:3FTCA	1.074	0.537	1.611
356-02-5	3:3FTCA_2	1.074	0.537	1.611
914637-49-3	5:3FTCA	0.953	0.4765	1.4295
914637-49-3	5:3FTCA_2	0.953	0.4765	1.4295
812-70-4	7:3FTCA	1.558	0.779	2.337
812-70-4	7:3FTCA_2	1.558	0.779	2.337
113507-82-7	PFEESA	0.087	0.0435	0.1305
113507-82-7	PFEESA_2	0.087	0.0435	0.1305
377-73-1	PFMPA	N/A	N/A	N/A
863090-89-5	PFMBA	N/A	N/A	N/A
151772-58-6	NFDHA	0.91	0.455	1.365
151772-58-6	NFDHA_2	0.91	0.455	1.365
516-50-7	TDCA	40.716	20.358	61.074
516-50-7	TDCA_2	40.716	20.358	61.074

Continuing Calibration

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Alpha Geoscience		**Lab Number**	: L2447503	
Project Name	: HUNTINGTON READY MIX		**Project Number**	: 20116	
Instrument ID	: LCMS05		**Calibration Date**	: 09/17/24 05:49	
Lab File ID	: SCI05_240917_05		**Init. Calib. Date(s)**	: 08/13/24	08/13/24
Sample No	: WG1972379-2		**Init. Calib. Times**	: 21:50	23:32
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.827	0.800	103.3	70-130
Perfluoropentanoic Acid (PFPeA)	0.495	0.400	123.8	70-130
Perfluorobutanesulfonic Acid (PFBS)	0.197	0.177	111.2	70-130
Perfluorohexanoic Acid (PFHxA)	0.209	0.200	104.4	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.707	0.750	94.3	70-130
Perfluoropentanesulfonic Acid (PFPeS)	0.192	0.188	102.2	70-130
Perfluoroheptanoic Acid (PFHpA)	0.201	0.200	100.4	70-130
Perfluorohexanesulfonic Acid (PFHxS)	0.185	0.183	101.1	70-130
Perfluorooctanoic Acid (PFOA)	0.232	0.200	116	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.830	0.760	109.2	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	0.220	0.191	115.3	70-130
Perfluorononanoic Acid (PFNA)	0.221	0.200	110.5	70-130
Perfluorooctanesulfonic Acid (PFOS)	0.220	0.186	118.6	70-130
Perfluorodecanoic Acid (PFDA)	0.216	0.200	107.8	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.852	0.768	110.9	70-130
Perfluorononanesulfonic Acid (PFNS)	0.231	0.192	120.2	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.231	0.200	115.4	70-130
Perfluoroundecanoic Acid (PFUnA)	0.205	0.200	102.4	70-130
Perfluorodecanesulfonic Acid (PFDS)	0.219	0.193	113.5	70-130
Perfluorooctanesulfonamide (PFOSA)	0.203	0.200	101.6	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.215	0.200	107.5	70-130
Perfluorododecanoic Acid (PFDoA)	0.154	0.200	77.2	70-130
Perfluorotridecanoic Acid (PFTrDA)	0.156	0.200	78	70-130
Perfluorotetradecanoic Acid (PFTeDA)	0.196	0.200	98.2	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	0.872	0.800	109.1	70-130
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	0.781	0.756	103.3	70-130
Perfluorododecanesulfonic Acid (PFDoS)	0.227	0.194	117.2	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	0.875	0.748	117	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	0.852	0.756	112.7	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	0.185	0.200	92.4	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	0.228	0.200	114.2	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	1.975	2.000	98.7	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1.964	2.000	98.2	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	0.437	0.400	109.1	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	0.431	0.400	107.7	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	0.363	0.356	101.9	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	0.429	0.400	107.2	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	1.481	1.000	148.1*	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	5.306	5.000	106.1	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	5.071	5.000	101.4	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	9.804	10.000	98	70-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	5.081	5.000	101.6	70-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.307	2.330	99	70-130

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Alpha Geoscience		**Lab Number**	: L2447503	
Project Name	: HUNTINGTON READY MIX		**Project Number**	: 20116	
Instrument ID	: LCMS05		**Calibration Date**	: 09/17/24 05:49	
Lab File ID	: SCI05_240917_05		**Init. Calib. Date(s)**	: 08/13/24	08/13/24
Sample No	: WG1972379-2		**Init. Calib. Times**	: 21:50	23:32
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	9.985	4.690	212.9*	70-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	2.374	2.500	95	70-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	2.455	2.500	98.2	70-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	2.312	2.370	97.6	70-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	2.618	2.500	104.7	70-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	6.133	4.755	129	70-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	1.186	1.250	94.9	70-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	2.244	2.395	93.7	70-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	1.255	1.250	100.4	70-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	8.252	4.800	171.9*	70-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	4.966	5.000	99.3	70-130
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	1.310	1.250	104.8	70-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	2.844	2.500	113.8	70-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	5.687	5.000	113.7	70-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	1.674	1.250	134*	70-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	1.203	1.250	96.2	70-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	9.278	10.000	92.8	70-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	2.988	2.500	119.5	70-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	2.859	2.500	114.3	70-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	32.653	25.000	130.6*	70-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	31.164	25.000	124.7	70-130
Perfluoro-[1,2-13C2]octanoic Acid (13C2-PFOA)	1.261	2.500	50.4*	70-130
Perfluoro-n-[1,2-13C2]Hexanoic Acid (13C2-PFHxA)	3.366	2.500	134.6*	70-130
Perfluoro-n-[1,2,3,4-13C4]Octanoic Acid (13C4-PFOA)	3.280	2.500	131.2*	70-130
Perfluoro-n-[1,2,3,4-13C4]Octanesulfonic Acid (13C4-PFOS)	2.886	2.395	120.5	70-130
Perfluoro-n-[1,2-13C2]Decanoic Acid (13C2-PFDA)	1.719	1.250	137.5*	70-130
Perfluoro-n-[2,3,4-13C3]Butanoic Acid (13C3-PFBA)	6.889	5.000	137.8*	70-130
Perfluoro-n-[1,2,3,4,5-13C5]Nonanoic Acid (13C5-PFNA)	1.784	1.250	142.7*	70-130
Perfluoro-1-hexane[18O2]Sulfonic Acid (18O2-PFHxS)	3.082	2.370	130	70-130
1H,1H,2H,2H-Perfluoro[1,2-13C2D4]Hexanesulfonic Acid (13C2D4-4:2FTS)	4.183	5.000	83.7	70-130

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Alpha Geoscience		**Lab Number**	: L2447503	
Project Name	: HUNTINGTON READY MIX		**Project Number**	: 20116	
Instrument ID	: LCMS05		**Calibration Date**	: 09/17/24 06:02	
Lab File ID	: SCI05_240917_06		**Init. Calib. Date(s)**	: 08/13/24	08/13/24
Sample No	: WG1972379-3		**Init. Calib. Times**	: 21:50	23:32
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	10.850	10.000	108.5	70-130
Perfluoropentanoic Acid (PFPeA)	5.823	5.000	116.5	70-130
Perfluorobutanesulfonic Acid (PFBS)	2.474	2.217	111.6	70-130
Perfluorohexanoic Acid (PFHxA)	2.765	2.500	110.6	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	7.704	9.375	82.2	70-130
Perfluoropentanesulfonic Acid (PFPeS)	2.425	2.353	103.1	70-130
Perfluoroheptanoic Acid (PFHpA)	2.699	2.500	108	70-130
Perfluorohexanesulfonic Acid (PFHxS)	2.307	2.285	101	70-130
Perfluorooctanoic Acid (PFOA)	2.480	2.500	99.2	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	10.161	9.500	107	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	2.649	2.382	111.2	70-130
Perfluorononanoic Acid (PFNA)	2.770	2.500	110.8	70-130
Perfluorooctanesulfonic Acid (PFOS)	2.476	2.320	106.7	70-130
Perfluorodecanoic Acid (PFDA)	2.783	2.500	111.3	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	11.366	9.600	118.4	70-130
Perfluorononanesulfonic Acid (PFNS)	2.825	2.405	117.5	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	3.046	2.500	121.8	70-130
Perfluoroundecanoic Acid (PFUnA)	2.741	2.500	109.6	70-130
Perfluorodecanesulfonic Acid (PFDS)	2.546	2.413	105.6	70-130
Perfluorooctanesulfonamide (PFOSA)	2.645	2.500	105.8	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2.736	2.500	109.4	70-130
Perfluorododecanoic Acid (PFDoA)	2.016	2.500	80.6	70-130
Perfluorotridecanoic Acid (PFTrDA)	2.048	2.500	81.9	70-130
Perfluorotetradecanoic Acid (PFTeDA)	2.659	2.500	106.4	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	11.066	10.000	110.7	70-130
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	10.006	9.450	105.9	70-130
Perfluorododecanesulfonic Acid (PFDoS)	2.744	2.425	113.2	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	11.041	9.350	118.1	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	10.938	9.450	115.7	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	2.765	2.500	110.6	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	2.624	2.500	105	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	25.504	25.000	102	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	25.863	25.000	103.5	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	6.001	5.000	120	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	5.267	5.000	105.3	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	5.324	4.450	119.7	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	5.987	5.000	119.7	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	16.260	12.500	130.1*	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	71.486	62.500	114.4	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	49.781	62.500	79.7	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	10.141	10.000	101.4	70-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	5.566	5.000	111.3	70-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.285	2.330	98.1	70-130

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Alpha Geoscience		**Lab Number**	: L2447503	
Project Name	: HUNTINGTON READY MIX		**Project Number**	: 20116	
Instrument ID	: LCMS05		**Calibration Date**	: 09/17/24 06:02	
Lab File ID	: SCI05_240917_06		**Init. Calib. Date(s)**	: 08/13/24	08/13/24
Sample No	: WG1972379-3		**Init. Calib. Times**	: 21:50	23:32
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	5.599	4.690	119.4	70-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	2.376	2.500	95	70-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	2.468	2.500	98.7	70-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	2.431	2.370	102.6	70-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	2.605	2.500	104.2	70-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	4.585	4.755	96.4	70-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	1.211	1.250	96.9	70-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	2.365	2.395	98.7	70-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	1.242	1.250	99.4	70-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	5.183	4.800	108	70-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	2.856	5.000	57.1*	70-130
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	1.330	1.250	106.4	70-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	2.711	2.500	108.4	70-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	5.176	5.000	103.5	70-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	1.739	1.250	139.1*	70-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	1.289	1.250	103.1	70-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	10.208	10.000	102.1	70-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	2.808	2.500	112.3	70-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	2.862	2.500	114.5	70-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	30.975	25.000	123.9	70-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	29.515	25.000	118.1	70-130
Perfluoro-[1,2-13C2]octanoic Acid (13C2-PFOA)	1.194	2.500	47.8*	70-130
Perfluoro-n-[1,2-13C2]Hexanoic Acid (13C2-PFHxA)	3.055	2.500	122.2	70-130
Perfluoro-n-[1,2,3,4-13C4]Octanoic Acid (13C4-PFOA)	3.014	2.500	120.6	70-130
Perfluoro-n-[1,2,3,4-13C4]Octanesulfonic Acid (13C4-PFOS)	3.000	2.395	125.3	70-130
Perfluoro-n-[1,2-13C2]Decanoic Acid (13C2-PFDA)	1.606	1.250	128.5	70-130
Perfluoro-n-[2,3,4-13C3]Butanoic Acid (13C3-PFBA)	6.486	5.000	129.7	70-130
Perfluoro-n-[1,2,3,4,5-13C5]Nonanoic Acid (13C5-PFNA)	1.663	1.250	133*	70-130
Perfluoro-1-hexane[18O2]Sulfonic Acid (18O2-PFHxS)	3.008	2.370	126.9	70-130
1H,1H,2H,2H-Perfluoro[1,2-13C2D4]Hexanesulfonic Acid (13C2D4-4:2FTS)	2.351	5.000	47*	70-130

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Alpha Geoscience	**Lab Number**	: L2447503
Project Name	: HUNTINGTON READY MIX	**Project Number**	: 20116
Instrument ID	: LCMS05	**Calibration Date**	: 09/17/24 10:08
Lab File ID	: SCI05_240917_25	**Init. Calib. Date(s)**	: 08/13/24 08/13/24
Sample No	: WG1972379-8	**Init. Calib. Times**	: 21:50 23:32
Channel	:		

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	10.724	10.000	107.2	70-130
Perfluoropentanoic Acid (PFPeA)	6.110	5.000	122.2	70-130
Perfluorobutanesulfonic Acid (PFBS)	2.346	2.217	105.8	70-130
Perfluorohexanoic Acid (PFHxA)	2.472	2.500	98.9	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	8.801	9.375	93.9	70-130
Perfluoropentanesulfonic Acid (PFPeS)	2.444	2.353	103.9	70-130
Perfluoroheptanoic Acid (PFHpA)	2.676	2.500	107	70-130
Perfluorohexanesulfonic Acid (PFHxS)	2.405	2.285	105.3	70-130
Perfluorooctanoic Acid (PFOA)	2.416	2.500	96.7	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	10.130	9.500	106.6	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	2.386	2.382	100.1	70-130
Perfluorononanoic Acid (PFNA)	2.743	2.500	109.7	70-130
Perfluorooctanesulfonic Acid (PFOS)	2.259	2.320	97.4	70-130
Perfluorodecanoic Acid (PFDA)	2.617	2.500	104.7	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	11.515	9.600	119.9	70-130
Perfluorononanesulfonic Acid (PFNS)	2.656	2.405	110.4	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	3.177	2.500	127.1	70-130
Perfluoroundecanoic Acid (PFUnA)	2.791	2.500	111.7	70-130
Perfluorodecanesulfonic Acid (PFDS)	2.585	2.413	107.1	70-130
Perfluorooctanesulfonamide (PFOSA)	2.573	2.500	102.9	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2.945	2.500	117.8	70-130
Perfluorododecanoic Acid (PFDoA)	1.999	2.500	80	70-130
Perfluorotridecanoic Acid (PFTrDA)	2.808	2.500	112.3	70-130
Perfluorotetradecanoic Acid (PFTeDA)	2.528	2.500	101.1	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	11.064	10.000	110.6	70-130
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	9.800	9.450	103.7	70-130
Perfluorododecanesulfonic Acid (PFDoS)	4.337	2.425	178.9*	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	11.320	9.350	121.1	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	11.269	9.450	119.2	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	2.613	2.500	104.5	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	2.667	2.500	106.7	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	26.774	25.000	107.1	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	26.947	25.000	107.8	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	6.631	5.000	132.6*	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	5.246	5.000	104.9	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	5.148	4.450	115.7	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	5.697	5.000	113.9	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	16.089	12.500	128.7	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	72.908	62.500	116.7	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	46.791	62.500	74.9	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	10.175	10.000	101.8	70-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	5.347	5.000	106.9	70-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.427	2.330	104.2	70-130

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Alpha Geoscience		**Lab Number**	: L2447503	
Project Name	: HUNTINGTON READY MIX		**Project Number**	: 20116	
Instrument ID	: LCMS05		**Calibration Date**	: 09/17/24 10:08	
Lab File ID	: SCI05_240917_25		**Init. Calib. Date(s)**	: 08/13/24	08/13/24
Sample No	: WG1972379-8		**Init. Calib. Times**	: 21:50	23:32
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	4.494	4.690	95.8	70-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	2.383	2.500	95.3	70-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	2.495	2.500	99.8	70-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	2.428	2.370	102.5	70-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	2.614	2.500	104.6	70-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	4.298	4.755	90.4	70-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	1.210	1.250	96.8	70-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	2.476	2.395	103.4	70-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	1.243	1.250	99.4	70-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	4.750	4.800	99	70-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	2.928	5.000	58.6*	70-130
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	1.323	1.250	105.9	70-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	2.575	2.500	103	70-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	5.029	5.000	100.6	70-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	1.983	1.250	158.6*	70-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	2.335	1.250	186.8*	70-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	10.530	10.000	105.3	70-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	2.691	2.500	107.6	70-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	2.734	2.500	109.4	70-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	29.735	25.000	118.9	70-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	28.835	25.000	115.3	70-130
Perfluoro-[1,2-13C2]octanoic Acid (13C2-PFOA)	1.168	2.500	-	70-130
Perfluoro-n-[1,2-13C2]Hexanoic Acid (13C2-PFHxA)	3.134	2.500	125.4	70-130
Perfluoro-n-[1,2,3,4-13C4]Octanoic Acid (13C4-PFOA)	3.076	2.500	123.1	70-130
Perfluoro-n-[1,2,3,4-13C4]Octanesulfonic Acid (13C4-PFOS)	3.177	2.395	132.6*	70-130
Perfluoro-n-[1,2-13C2]Decanoic Acid (13C2-PFDA)	1.757	1.250	140.6*	70-130
Perfluoro-n-[2,3,4-13C3]Butanoic Acid (13C3-PFBA)	6.635	5.000	132.7*	70-130
Perfluoro-n-[1,2,3,4,5-13C5]Nonanoic Acid (13C5-PFNA)	1.717	1.250	137.3*	70-130
Perfluoro-1-hexane[18O2]Sulfonic Acid (18O2-PFHxS)	3.010	2.370	127	70-130
1H,1H,2H,2H-Perfluoro[1,2-13C2D4]Hexanesulfonic Acid (13C2D4-4:2FTS)	1.950	5.000	-	70-130

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Alpha Geoscience		**Lab Number**	: L2447503	
Project Name	: HUNTINGTON READY MIX		**Project Number**	: 20116	
Instrument ID	: LCMS05		**Calibration Date**	: 09/17/24 12:50	
Lab File ID	: SCI05_240917_37		**Init. Calib. Date(s)**	: 08/13/24	08/13/24
Sample No	: WG1972379-10		**Init. Calib. Times**	: 21:50	23:32
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	10.688	10.000	106.9	70-130
Perfluoropentanoic Acid (PFPeA)	5.253	5.000	105.1	70-130
Perfluorobutanesulfonic Acid (PFBS)	2.233	2.217	100.7	70-130
Perfluorohexanoic Acid (PFHxA)	2.697	2.500	107.9	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	9.131	9.375	97.4	70-130
Perfluoropentanesulfonic Acid (PFPeS)	2.433	2.353	103.4	70-130
Perfluoroheptanoic Acid (PFHpA)	2.679	2.500	107.2	70-130
Perfluorohexanesulfonic Acid (PFHxS)	2.584	2.285	113.1	70-130
Perfluorooctanoic Acid (PFOA)	2.444	2.500	97.8	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	10.142	9.500	106.8	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	2.450	2.382	102.8	70-130
Perfluorononanoic Acid (PFNA)	2.790	2.500	111.6	70-130
Perfluorooctanesulfonic Acid (PFOS)	2.362	2.320	101.8	70-130
Perfluorodecanoic Acid (PFDA)	2.629	2.500	105.2	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	11.061	9.600	115.2	70-130
Perfluorononanesulfonic Acid (PFNS)	2.550	2.405	106	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2.960	2.500	118.4	70-130
Perfluoroundecanoic Acid (PFUnA)	2.785	2.500	111.4	70-130
Perfluorodecanesulfonic Acid (PFDS)	2.476	2.413	102.6	70-130
Perfluorooctanesulfonamide (PFOSA)	2.584	2.500	103.4	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2.661	2.500	106.5	70-130
Perfluorododecanoic Acid (PFDoA)	2.074	2.500	83	70-130
Perfluorotridecanoic Acid (PFTrDA)	2.092	2.500	83.7	70-130
Perfluorotetradecanoic Acid (PFTeDA)	2.577	2.500	103.1	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	11.127	10.000	111.3	70-130
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	9.876	9.450	104.5	70-130
Perfluorododecanesulfonic Acid (PFDoS)	2.792	2.425	115.1	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	11.488	9.350	122.9	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	11.209	9.450	118.6	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	2.797	2.500	111.9	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	2.638	2.500	105.5	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	25.203	25.000	100.8	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	25.752	25.000	103	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	6.165	5.000	123.3	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	5.151	5.000	103	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	5.102	4.450	114.6	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	5.061	5.000	101.2	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	13.475	12.500	107.8	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	72.031	62.500	115.3	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	48.163	62.500	77.1	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	10.154	10.000	101.5	70-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	5.338	5.000	106.8	70-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.514	2.330	107.9	70-130

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Alpha Geoscience		**Lab Number**	: L2447503	
Project Name	: HUNTINGTON READY MIX		**Project Number**	: 20116	
Instrument ID	: LCMS05		**Calibration Date**	: 09/17/24 12:50	
Lab File ID	: SCI05_240917_37		**Init. Calib. Date(s)**	: 08/13/24	08/13/24
Sample No	: WG1972379-10		**Init. Calib. Times**	: 21:50	23:32
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	4.480	4.690	95.5	70-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	2.422	2.500	96.9	70-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	2.456	2.500	98.2	70-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	2.379	2.370	100.4	70-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	2.502	2.500	100.1	70-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	4.314	4.755	90.7	70-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	1.228	1.250	98.3	70-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	2.354	2.395	98.3	70-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	1.271	1.250	101.7	70-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	4.758	4.800	99.1	70-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	2.555	5.000	51.1*	70-130
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	1.330	1.250	106.4	70-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	2.567	2.500	102.7	70-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	4.836	5.000	96.7	70-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	1.757	1.250	140.5*	70-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	1.388	1.250	111	70-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	10.119	10.000	101.2	70-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	2.628	2.500	105.1	70-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	2.722	2.500	108.9	70-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	30.601	25.000	122.4	70-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	28.072	25.000	112.3	70-130
Perfluoro-[1,2-13C2]octanoic Acid (13C2-PFOA)	1.093	2.500	-	70-130
Perfluoro-n-[1,2-13C2]Hexanoic Acid (13C2-PFHxA)	3.114	2.500	124.6	70-130
Perfluoro-n-[1,2,3,4-13C4]Octanoic Acid (13C4-PFOA)	3.119	2.500	124.7	70-130
Perfluoro-n-[1,2,3,4-13C4]Octanesulfonic Acid (13C4-PFOS)	3.227	2.395	134.8*	70-130
Perfluoro-n-[1,2-13C2]Decanoic Acid (13C2-PFDA)	1.590	1.250	127.2	70-130
Perfluoro-n-[2,3,4-13C3]Butanoic Acid (13C3-PFBA)	6.545	5.000	130.9*	70-130
Perfluoro-n-[1,2,3,4,5-13C5]Nonanoic Acid (13C5-PFNA)	1.687	1.250	134.9*	70-130
Perfluoro-1-hexane[18O2]Sulfonic Acid (18O2-PFHxS)	3.027	2.370	127.7	70-130
1H,1H,2H,2H-Perfluoro[1,2-13C2D4]Hexanesulfonic Acid (13C2D4-4:2FTS)	1.991	5.000	-	70-130

*** Value outside of QC limits.**

Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: WG1972379-2,1633LOW
Name: SCI05_240917_05.wiff
Date & Time: 2024-09-17T05:49:58
Description: WG1972379,WG1970000,ICAL21391,1633LOW
Instrument: Triple Quad 5500+
User: LCMS05:AC

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.85	213.0 / 169.0	221262		0.827	N/A	N/A	N/A	103.3
2	PFPeA	2706-90-3	4.68	263.0 / 219.0	195990		0.495	0.007	0.007	N/A	123.8
3	PFPeA_2	2706-90-3	4.68	263.0 / 68.9	1361		0.487	0.007	0.007	N/A	121.8
4	PFHxA	307-24-4	5.37	313.0 / 269.0	134086		0.209	0.080	0.072	Pass	104.4
5	PFHxA_2	307-24-4	5.37	313.0 / 119.0	10674		0.225	0.080	0.072	Pass	112.5
6	PFHpA	375-85-9	6.31	363.1 / 319.0	128340		0.201	0.306	0.297	Pass	100.4
7	PFHpA_2	375-85-9	6.31	363.1 / 169.0	39305		0.201	0.306	0.297	Pass	100.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.52	413.1 / 369.1	99202	M5	0.232	0.501	0.586	Pass	116.0
9	PFOA_2	335-67-1	7.52	413.1 / 169.0	49669	M7	0.212	0.501	0.586	Pass	106.0
10	PFNA	375-95-1	7.94	462.8 / 418.9	123142	M5	0.221	0.333	0.313	Pass	110.5
11	PFNA_2	375-95-1	7.94	462.8 / 218.9	41045	M7	0.241	0.333	0.313	Pass	120.5
12	PFDA	335-76-2	8.16	513.1 / 469.1	139888		0.216	0.158	0.142	Pass	107.8
13	PFDA_2	335-76-2	8.16	513.1 / 219.0	22081		0.227	0.158	0.142	Pass	113.6
14	PFUnA	2058-94-8	8.43	563.1 / 519.1	102823		0.205	0.193	0.194	Pass	102.4
15	PFUnA_2	2058-94-8	8.43	563.1 / 269.0	19885		0.204	0.193	0.194	Pass	102.2
16	PFDoA	307-55-1	8.84	613.1 / 569.1	106171		0.154	0.185	0.167	Pass	77.2
17	PFDoA_2	307-55-1	8.84	613.1 / 319.0	19639		0.169	0.185	0.167	Pass	84.6
18	PFTrDA	72629-94-8	9.41	663.1 / 619.1	63851		0.156	0.230	0.228	Pass	78.0
19	PFTrDA_2	72629-94-8	9.41	663.1 / 169.0	14654		0.161	0.230	0.228	Pass	80.3
20	PFTeDA	376-06-7	9.86	713.1 / 669.1	101416		0.196	0.146	0.137	Pass	98.2
21	PFTeDA_2	376-06-7	9.86	713.1 / 169.0	14855		0.210	0.146	0.137	Pass	105.2
22	PFBS	375-73-5	5.35	299.1 / 80.1	85380		0.197	0.377	0.396	Pass	111.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.35	299.1 / 99.1	32217		0.187	0.377	0.396	Pass	105.2
24	PFPeS	2706-91-4	6.40	349.1 / 80.1	67359		0.192	0.305	0.299	Pass	102.2
25	PFPeS_2	2706-91-4	6.39	349.1 / 99.1	20574		0.195	0.305	0.299	Pass	103.5
26	PFHxS	355-46-4	7.63	399.1 / 80.1	60594	M5	0.185	0.351	0.315	Pass	101.1
27	PFHxS_2	355-46-4	7.63	399.1 / 99.1	21296	M7	0.209	0.351	0.315	Pass	114.4
28	PFHpS	375-92-8	8.00	449.1 / 80.1	65360		0.220	0.301	0.287	Pass	115.3
29	PFHpS_2	375-92-8	8.00	449.1 / 99.1	19672		0.226	0.301	0.287	Pass	118.4
30	PFOS	1763-23-1	8.25	499.1 / 80.1	69674	M5	0.220	0.239	0.238	Pass	118.6
31	PFOS_2	1763-23-1	8.25	499.1 / 99.1	16627	M7	0.214	0.239	0.238	Pass	115.5
32	PFNS	68259-12-1	8.58	549.1 / 80.1	47014		0.231	0.301	0.301	Pass	120.2
33	PFNS_2	68259-12-1	8.58	549.1 / 99.1	14150		0.230	0.301	0.301	Pass	119.5
34	PFDS	335-77-3	9.07	599.1 / 80.1	43841		0.219	0.253	0.275	Pass	113.5
35	PFDS_2	335-77-3	9.06	599.1 / 99.1	11095		0.201	0.253	0.275	Pass	104.2
36	PFDoS	79780-39-5	9.96	699.2 / 80.1	41675		0.227	0.253	0.274	Pass	117.2
37	PFDoS_2	79780-39-5	9.96	699.2 / 99.1	10562		0.210	0.253	0.274	Pass	108.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.17	327.1 / 307.1	235403		0.707	0.553	0.516	Pass	94.3
39	4:2FTS_2	757124-72-4	5.17	327.1 / 81.1	130099		0.730	0.553	0.516	Pass	97.4
40	6:2FTS	27619-97-2	7.15	427.2 / 407.2	102725		0.830	0.567	0.565	Pass	109.2
41	6:2FTS_2	27619-97-2	7.15	427.2 / 81.1	58234		0.870	0.567	0.565	Pass	114.5
42	8:2FTS	39108-34-4	8.06	527.2 / 507.2	158879		0.852	0.687	0.662	Pass	110.9
43	8:2FTS_2	39108-34-4	8.06	527.2 / 81.1	109187		0.863	0.687	0.662	Pass	112.4
44	PFOSA	754-91-6	9.52	498.1 / 78.1	70566	M5	0.203	0.026	0.025	Pass	101.6
45	PFOSA_2	754-91-6	9.49	498.1 / 478.0	1831	M7	0.201	0.026	0.025	Pass	100.5
46	NMeFOSA	31506-32-8	10.16	512.2 / 219.0	18182	M5	0.185	1.612	1.551	Pass	92.4
47	NMeFOSA_2	31506-32-8	10.11	512.2 / 169.0	29307	M7	0.192	1.612	1.551	Pass	96.1
48	NEtFOSA	4151-50-2	10.37	526.2 / 219.0	21543	M5	0.228	1.237	1.285	Pass	114.2
49	NEtFOSA_2	4151-50-2	10.32	526.2 / 169.0	26650	M7	0.211	1.237	1.285	Pass	105.6
50	NMeFOSAA	2355-31-9	8.21	570.2 / 419.1	26221		0.231	0.634	0.700	Pass	115.4
51	NMeFOSAA_2	2355-31-9	8.21	570.2 / 483.0	16627		0.230	0.634	0.700	Pass	115.1
52	NEtFOSAA	2991-50-6	8.34	584.2 / 419.1	20826		0.215	0.429	0.487	Pass	107.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.34	584.2 / 526.2	8933		0.200	0.429	0.487	Pass	100.2
54	NMeFOSE	24448-09-7	10.07	616.1 / 58.9	377755	M5	1.975	N/A	N/A	N/A	98.7
55	NEtFOSE	1691-99-2	10.27	630.0 / 58.9	628796	M5	1.964	N/A	N/A	N/A	98.2
56	HFPO-DA	13252-13-6	5.64	285.0 / 169.0	272954		0.872	0.471	0.464	Pass	109.1
57	HFPO-DA_2	13252-13-6	5.64	285.0 / 184.9	128435		0.883	0.471	0.464	Pass	110.4
58	ADONA	919005-14-4	6.79	377.1 / 251.0	555481		0.781	0.678	0.634	Pass	103.3
59	ADONA_2	919005-14-4	6.79	377.1 / 84.8	376725		0.818	0.678	0.634	Pass	108.2
60	9Cl-PF3ONS	756426-58-1	8.46	530.8 / 351.1	614136		0.875	0.331	0.322	Pass	117.0
61	9Cl-PF3ONS_2	756426-58-1	8.46	532.8 / 353.0	203379		0.890	0.331	0.322	Pass	119.0
62	11Cl-PF3OUdS	763051-92-9	9.48	630.9 / 451.0	377480		0.852	0.320	0.331	Pass	112.7
63	11Cl-PF3OUdS_2	763051-92-9	9.48	632.9 / 452.9	120827		0.810	0.320	0.331	Pass	107.2
64	3:3FTCA	356-02-5	4.96	241.1 / 177.1	50842		1.481	0.796	1.074	Pass	148.1
65	3:3FTCA_2	356-02-5	4.96	241.1 / 117.0	40448		1.176	0.796	1.074	Pass	117.6
66	5:3FTCA	914637-49-3	7.23	341.1 / 237.1	618175		5.306	0.974	0.953	Pass	106.1
67	5:3FTCA_2	914637-49-3	7.23	341.1 / 217.0	601893		5.460	0.974	0.953	Pass	109.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.21	441.1 / 316.9	657718		5.071	1.562	1.558	Pass	101.4
69	7:3FTCA_2	812-70-4	8.20	441.1 / 337.1	1027224		5.458	1.562	1.558	Pass	109.2
70	PFEESA	113507-82-7	5.75	315.1 / 135.0	404180		0.363	0.086	0.087	Pass	101.9
71	PFEESA_2	113507-82-7	5.75	315.1 / 82.9	34828		0.362	0.086	0.087	Pass	101.6
72	PFMPA	377-73-1	3.90	229.0 / 85.0	20918		0.437	N/A	N/A	N/A	109.1
73	PFMBA	863090-89-5	4.91	279.0 / 85.0	278314		0.431	N/A	N/A	N/A	107.7
74	NFDHA	151772-58-6	5.29	295.0 / 201.0	50305		0.429	1.067	0.910	Pass	107.2
75	NFDHA_2	151772-58-6	5.29	295.0 / 84.9	53663		0.499	1.067	0.910	Pass	124.8
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.16	333.2 / 312.1	1004022		4.183	N/A	N/A	N/A	83.7
79	13C2-PFOA	Surr	7.52	415.0 / 370.0	2190804		1.261	N/A	N/A	N/A	50.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.84	217.0 / 172.0	3301039		9.804	NA	NA	NA	98.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.68	268.0 / 223.0	2146873		5.081	NA	NA	NA	101.6
	13C5-PFHxA	EIS	5.37	318.0 / 273.0	1317647		2.374	NA	NA	NA	95.0
	13C4-PFHpA	EIS	6.30	367.0 / 322.0	1364459		2.455	NA	NA	NA	98.2
	13C8-PFOA	EIS	7.52	421.0 / 376.0	2054963		2.618	NA	NA	NA	104.7
	13C9-PFNA	EIS	7.93	472.0 / 427.0	951531		1.186	NA	NA	NA	94.9
	13C6-PFDA	EIS	8.15	519.0 / 474.0	940811		1.255	NA	NA	NA	100.4
	13C7-PFUnA	EIS	8.43	570.0 / 525.0	794568		1.310	NA	NA	NA	104.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.83	615.1 / 570.0	660675		1.674	NA	NA	NA	134.0
	13C2-PFTeDA	EIS	9.86	715.1 / 670.1	515169		1.203	NA	NA	NA	96.2
	13C3-PFBS	EIS	5.34	302.1 / 80.1	1031864		2.307	NA	NA	NA	99.0
	13C3-PFHxS	EIS	7.62	402.1 / 80.1	821333		2.312	NA	NA	NA	97.6
	13C8-PFOS	EIS	8.24	507.1 / 80.1	770684		2.244	NA	NA	NA	93.7
	13C2-4:2FTS	EIS	5.16	329.1 / 81.1	796950		9.985	NA	NA	NA	212.9
	13C2-6:2FTS	EIS	7.14	429.2 / 81.1	358687		6.133	NA	NA	NA	129.0
	13C2-8:2FTS	EIS	8.05	529.2 / 81.1	706372		8.252	NA	NA	NA	171.9

Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
13C8-PFOSA	EIS	9.52	506.1 / 78.1	1298739		2.844	NA	NA	NA	113.8
d3-NMeFOSA	EIS	10.15	515.2 / 219.0	229693		2.988	NA	NA	NA	119.5
d5-NEtFOSA	EIS	10.36	531.2 / 219.0	214678		2.859	NA	NA	NA	114.3
d3-NMeFOSAA	EIS	8.21	573.2 / 419.1	863076		4.966	NA	NA	NA	99.3
d5-NEtFOSAA	EIS	8.33	589.3 / 419.1	519404		5.687	NA	NA	NA	113.7
d7-NMeFOSE	EIS	10.06	623.2 / 58.9	1938536		32.653	NA	NA	NA	130.6
d9-NEtFOSE	EIS	10.25	639.2 / 58.9	2727696		31.164	NA	NA	NA	124.7

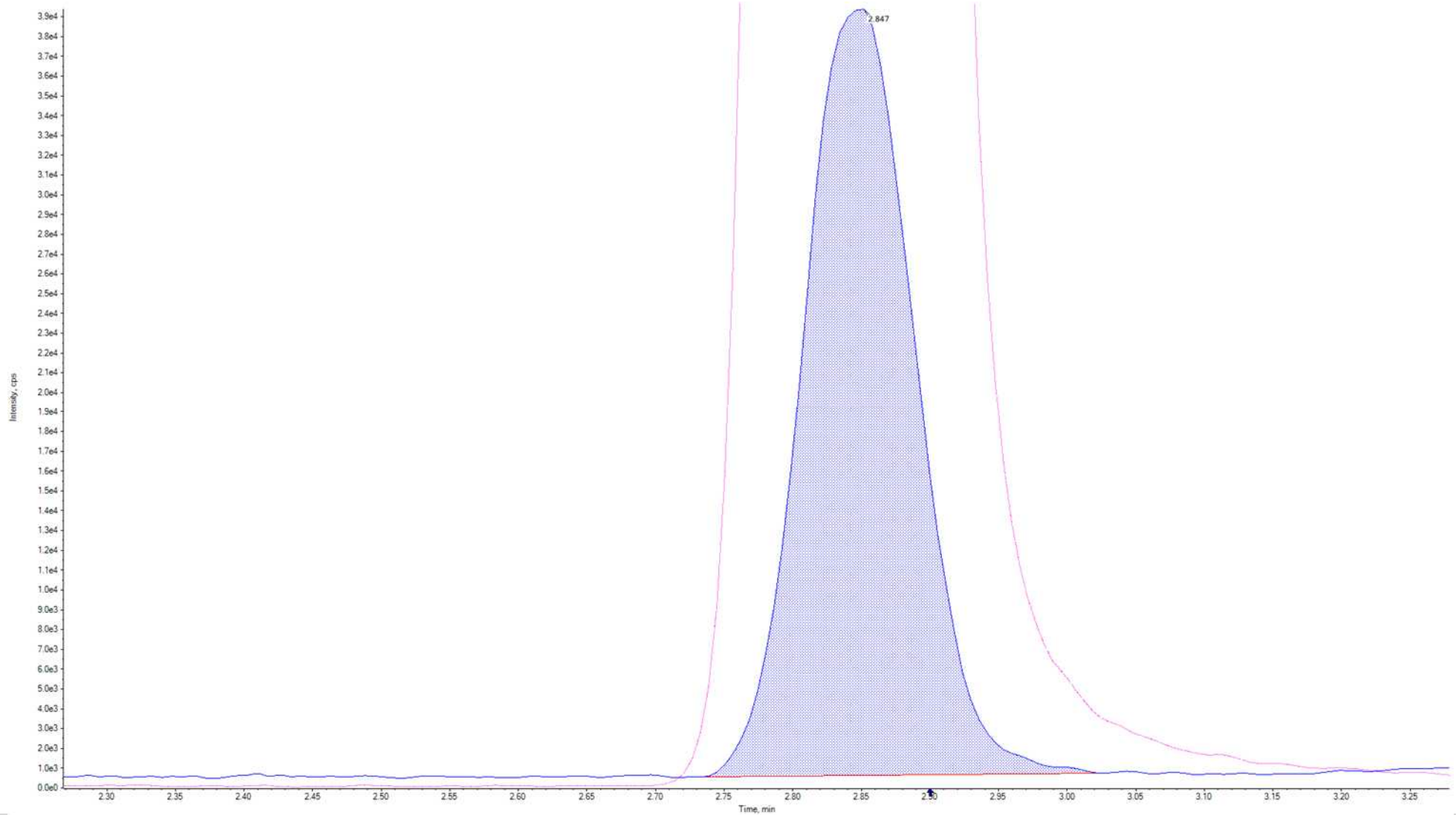
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.64	287.0 / 169.0	3412746		9.278	NA	NA	NA	92.8
	13C3-PFBA	NIS	2.84	216.0 / 172.0	1472968		6.889	NA	NA	NA	137.8
	13C2-PFHxA	NIS	5.37	315.0 / 270.0	1647912		3.366	NA	NA	NA	134.6
	13C4-PFOA	NIS	7.52	417.0 / 372.0	1026715		3.280	NA	NA	NA	131.2
	13C5-PFNA	NIS	7.93	468.0 / 423.0	977061		1.784	NA	NA	NA	142.7
	13C2-PFDA	NIS	8.15	515.1 / 470.1	880735		1.719	NA	NA	NA	137.5
	18O2-PFHxS	NIS	7.62	403.1 / 84.1	721962		3.082	NA	NA	NA	130.0
	13C4-PFOS	NIS	8.24	503.1 / 80.1	607624		2.886	NA	NA	NA	120.5

Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

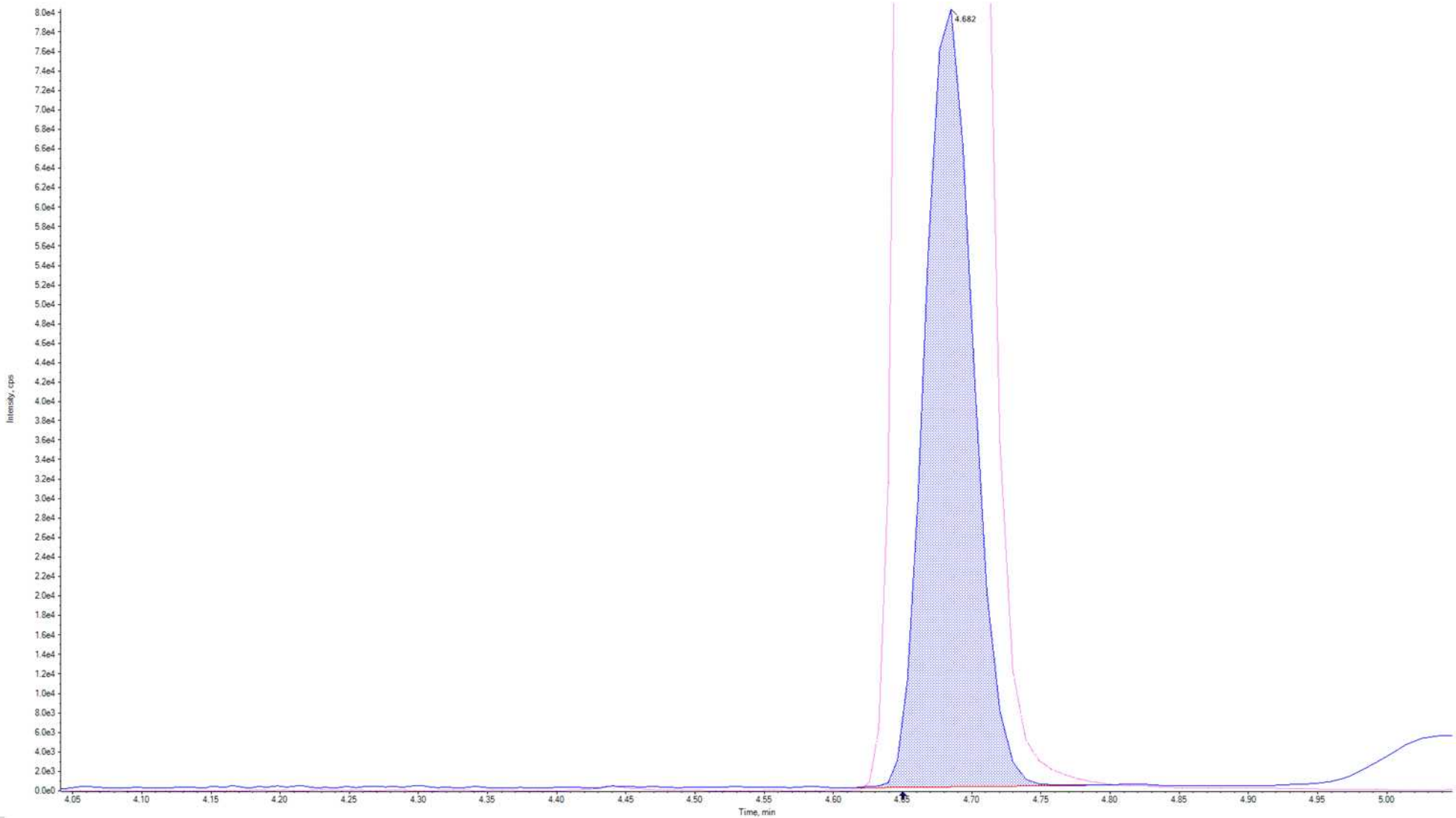
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PFBA
Sample: WG1972379-2,1633LOW S/N:807.0 Points Across peak:50



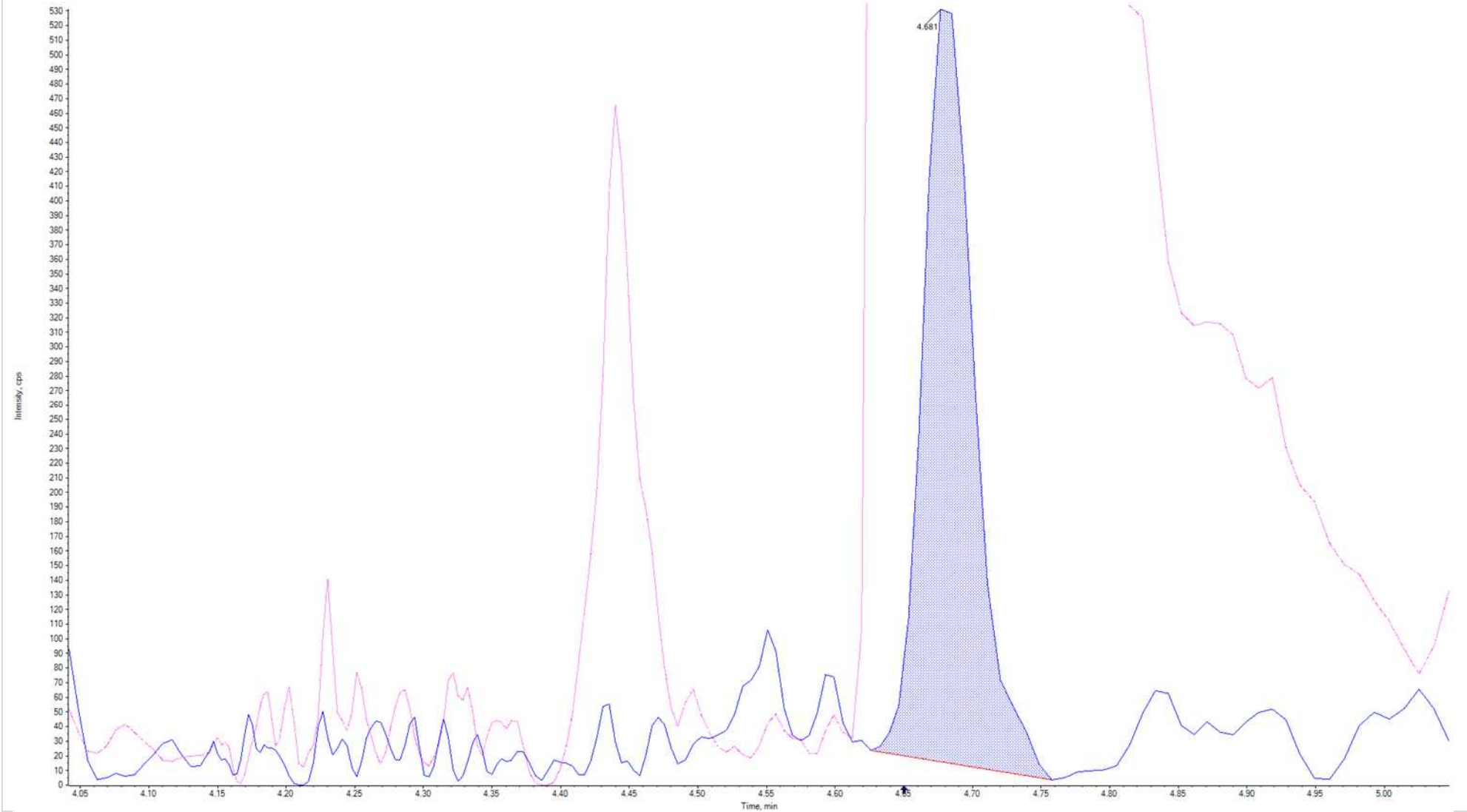
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PFPeA
Sample: WG1972379-2,1633LOW S/N:898.2 Points Across peak:22



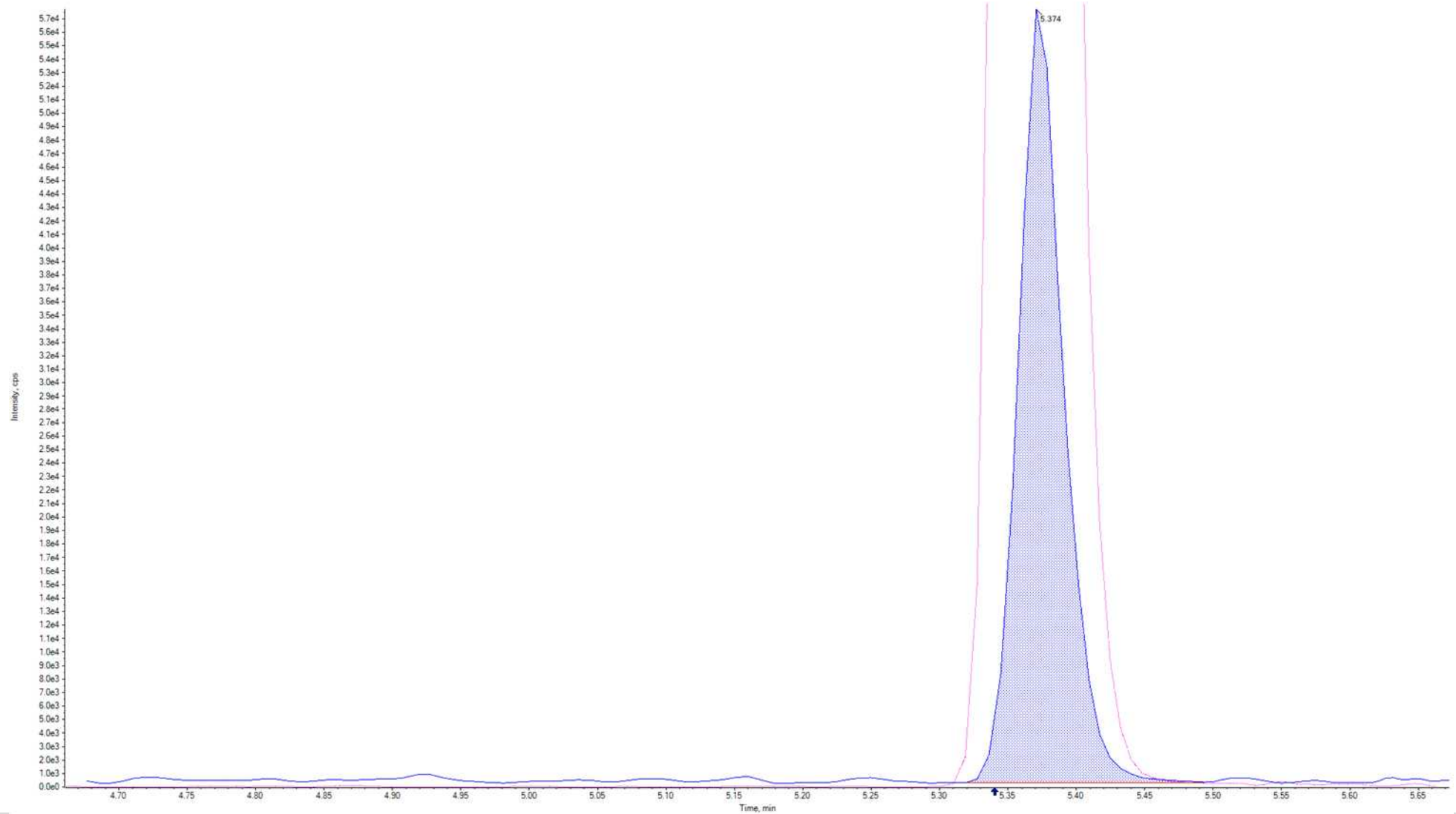
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PFPeA_2
Sample: WG1972379-2,1633LOW S/N:579.5 Points Across peak:17



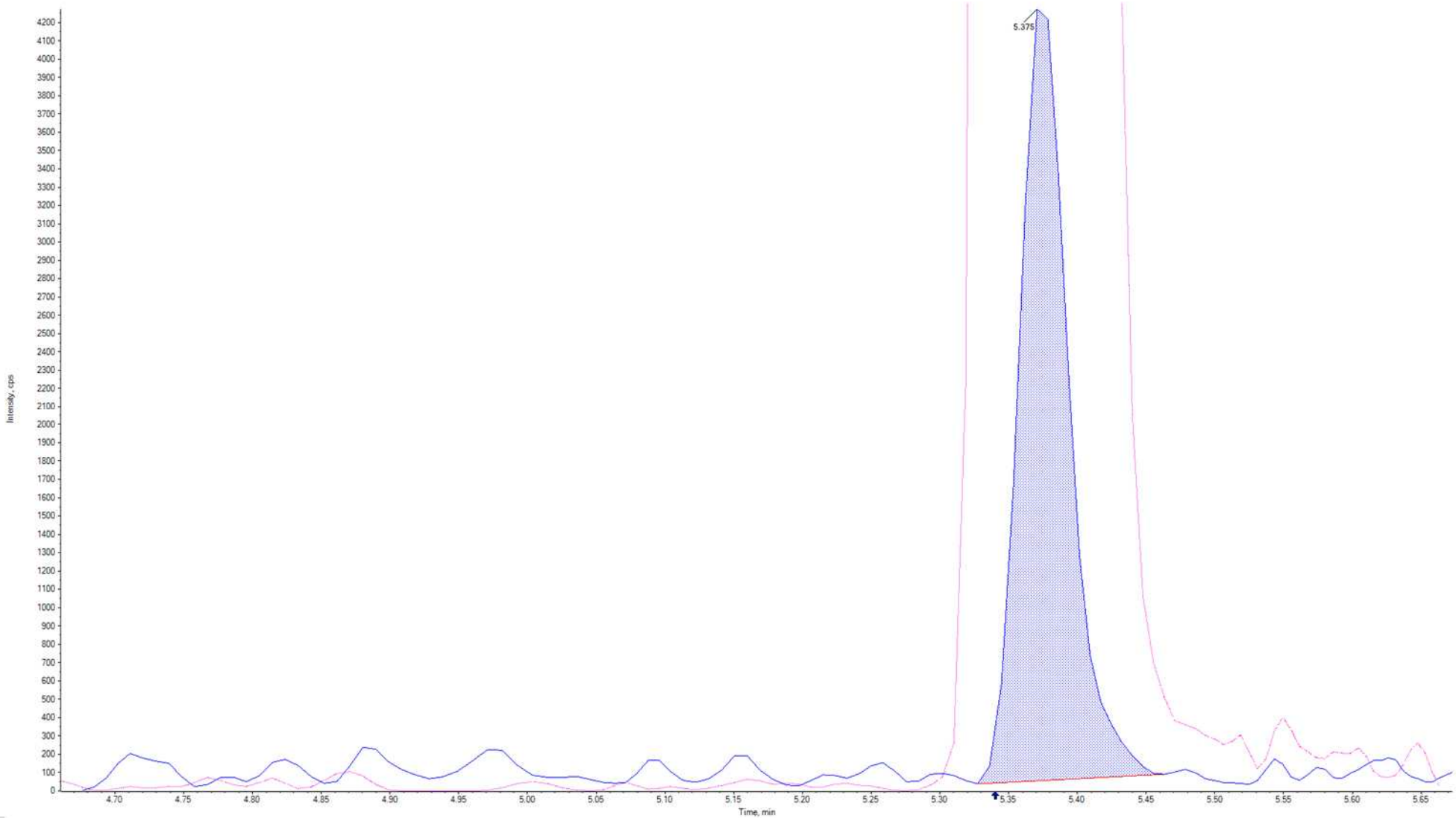
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PFHxA
Sample: WG1972379-2,1633LOW S/N:471.8 Points Across peak:23



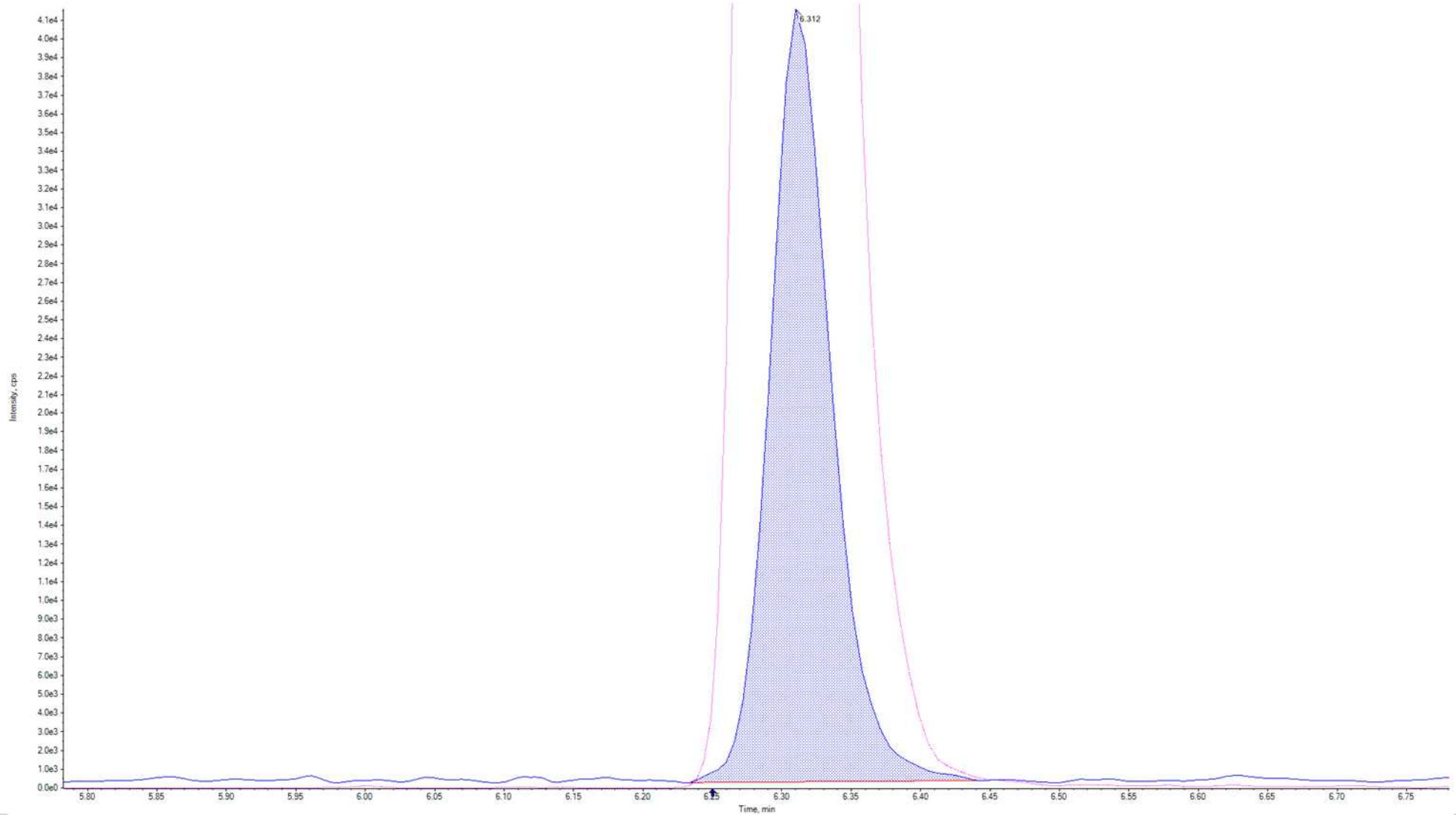
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PFHxA_2
Sample: WG1972379-2,1633LOW S/N:257.5 Points Across peak:18



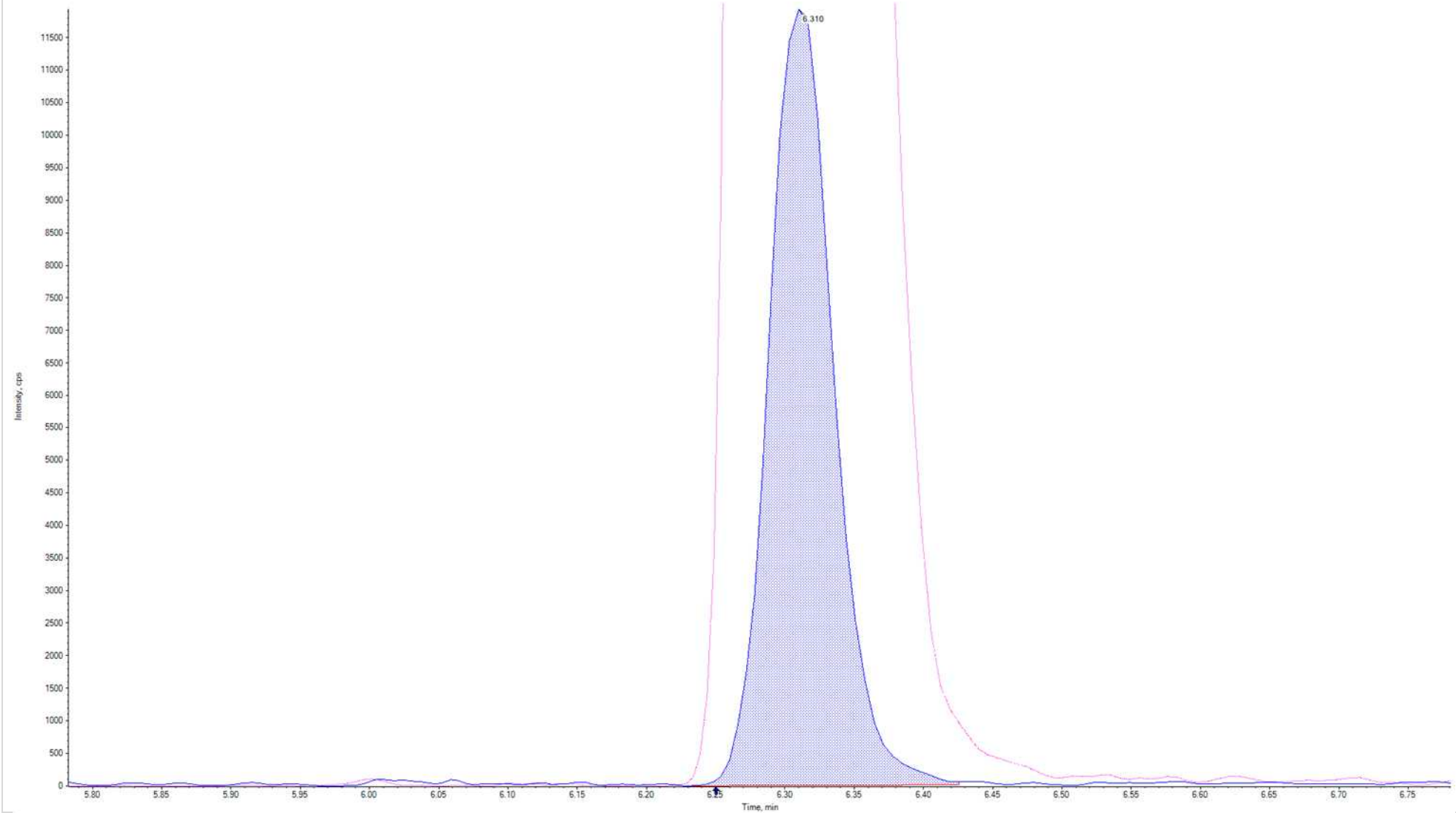
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PFHpA
Sample: WG1972379-2,1633LOW S/N:654.5 Points Across peak:35



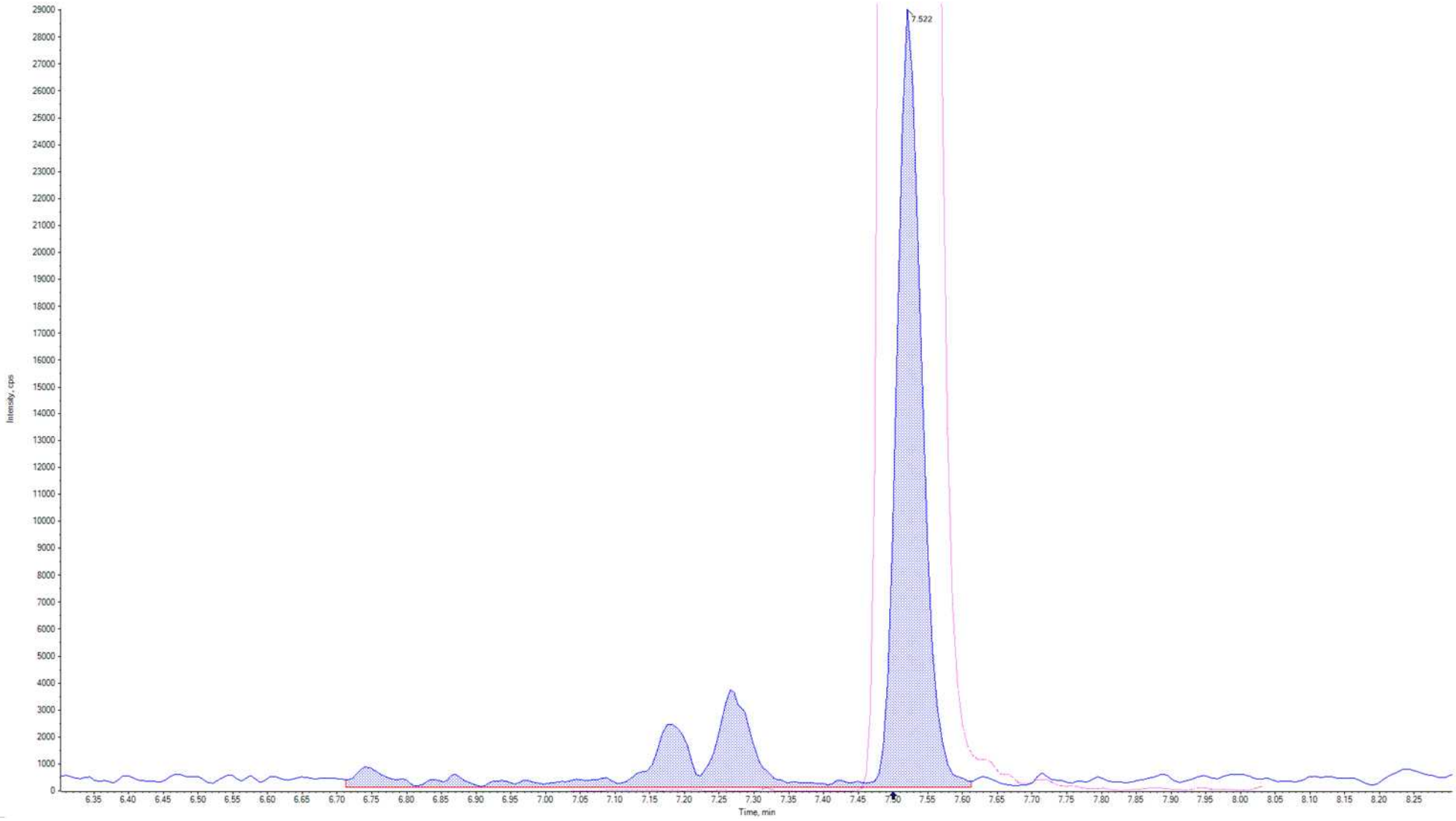
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PFHpA_2
Sample: WG1972379-2,1633LOW S/N:4637.9 Points Across peak:32



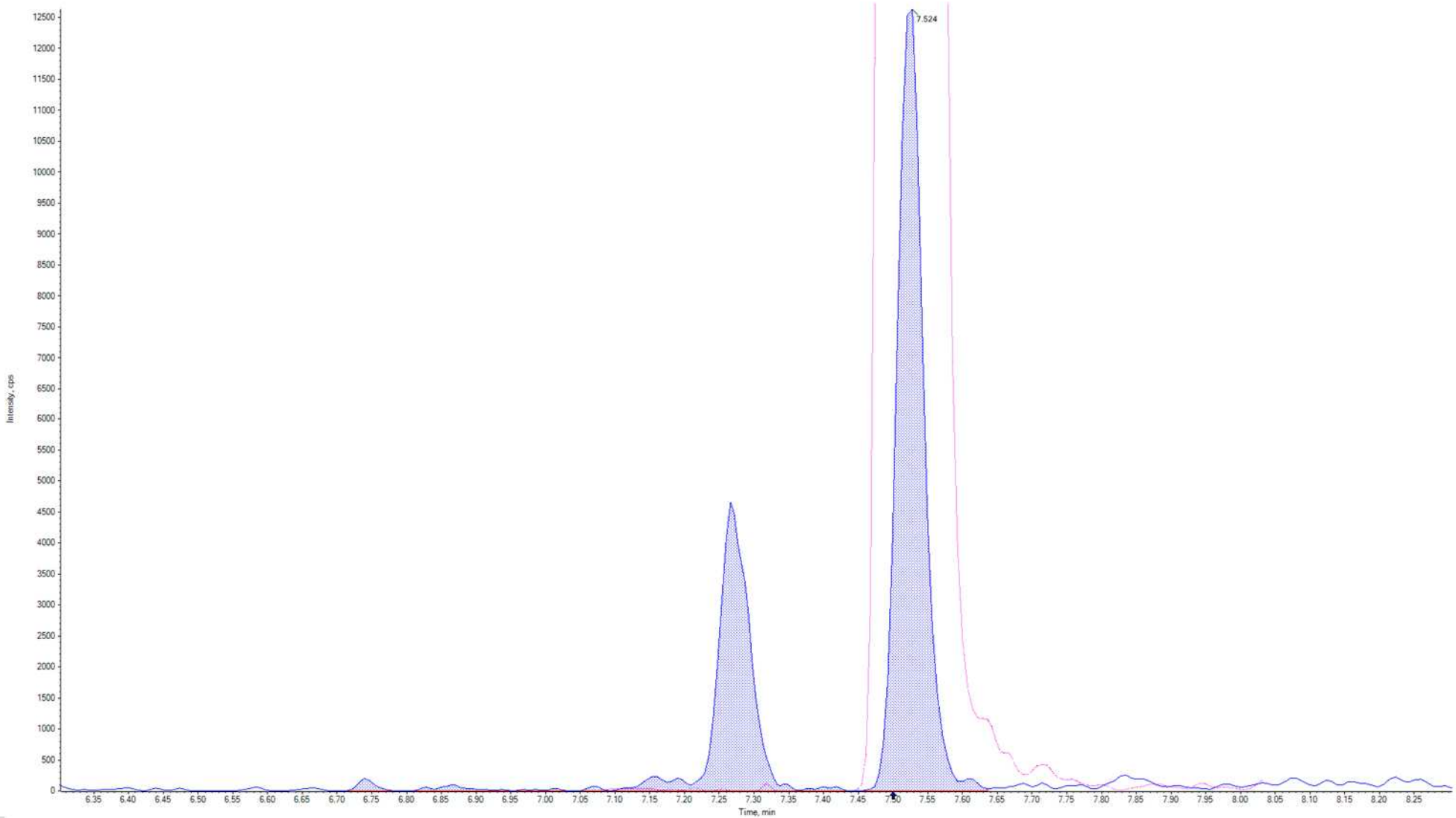
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PFOA
Sample: WG1972379-2,1633LOW S/N:553.3 Points Across peak:142



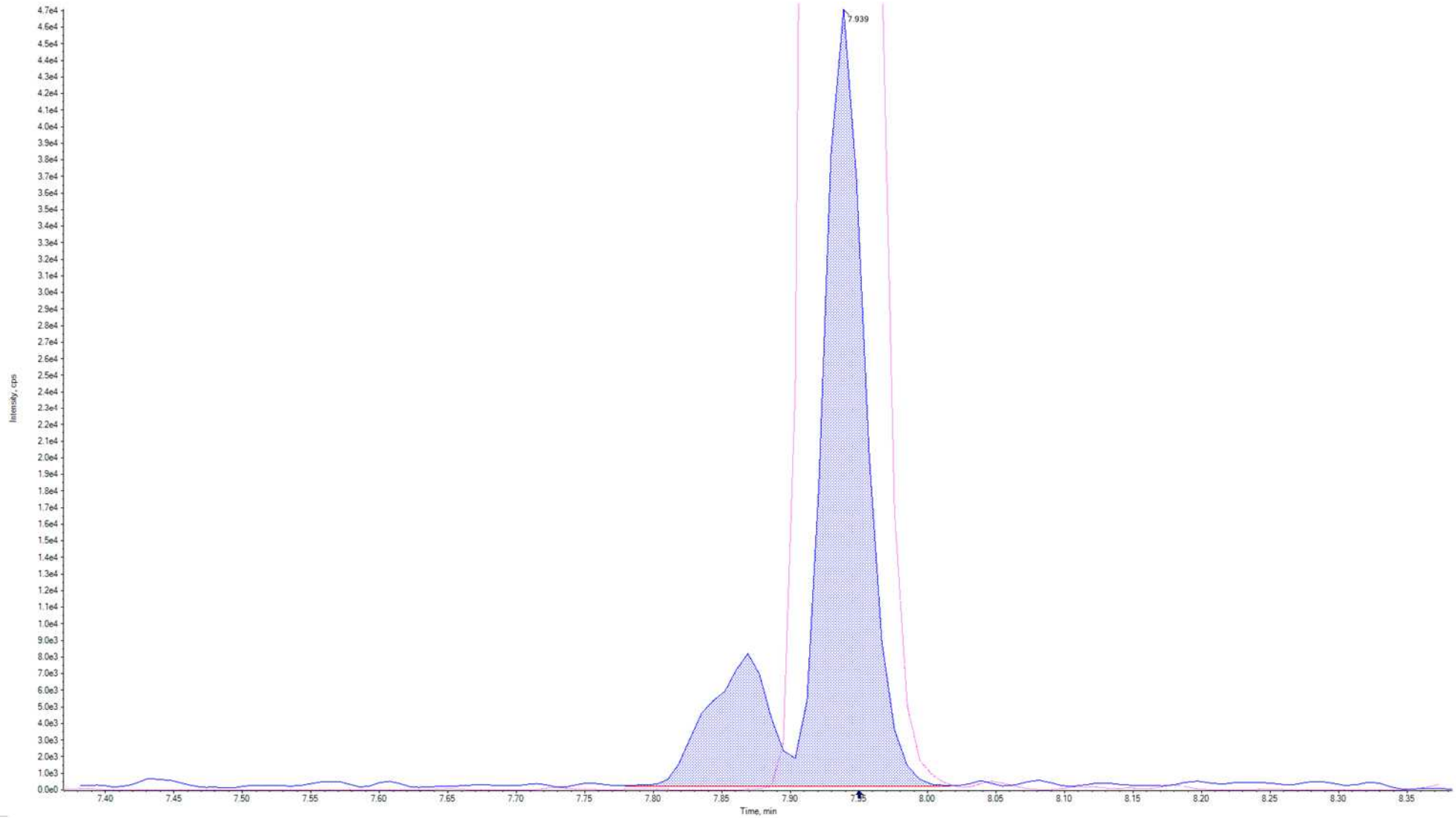
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PFOA_2
Sample: WG1972379-2,1633LOW S/N:4756938.9 Points Across peak:146



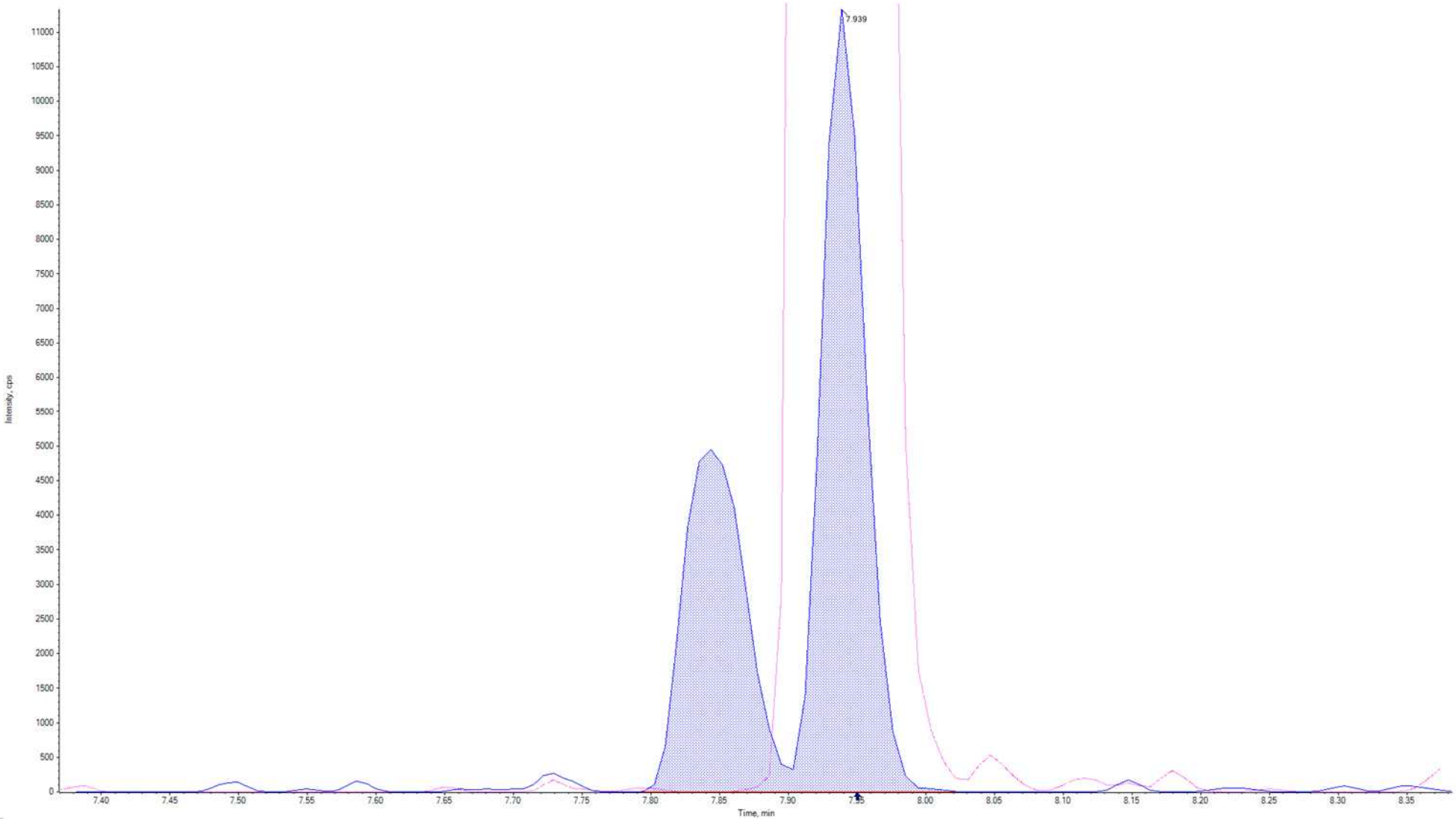
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PFNA
Sample: WG1972379-2,1633LOW S/N:939.0 Points Across peak:29



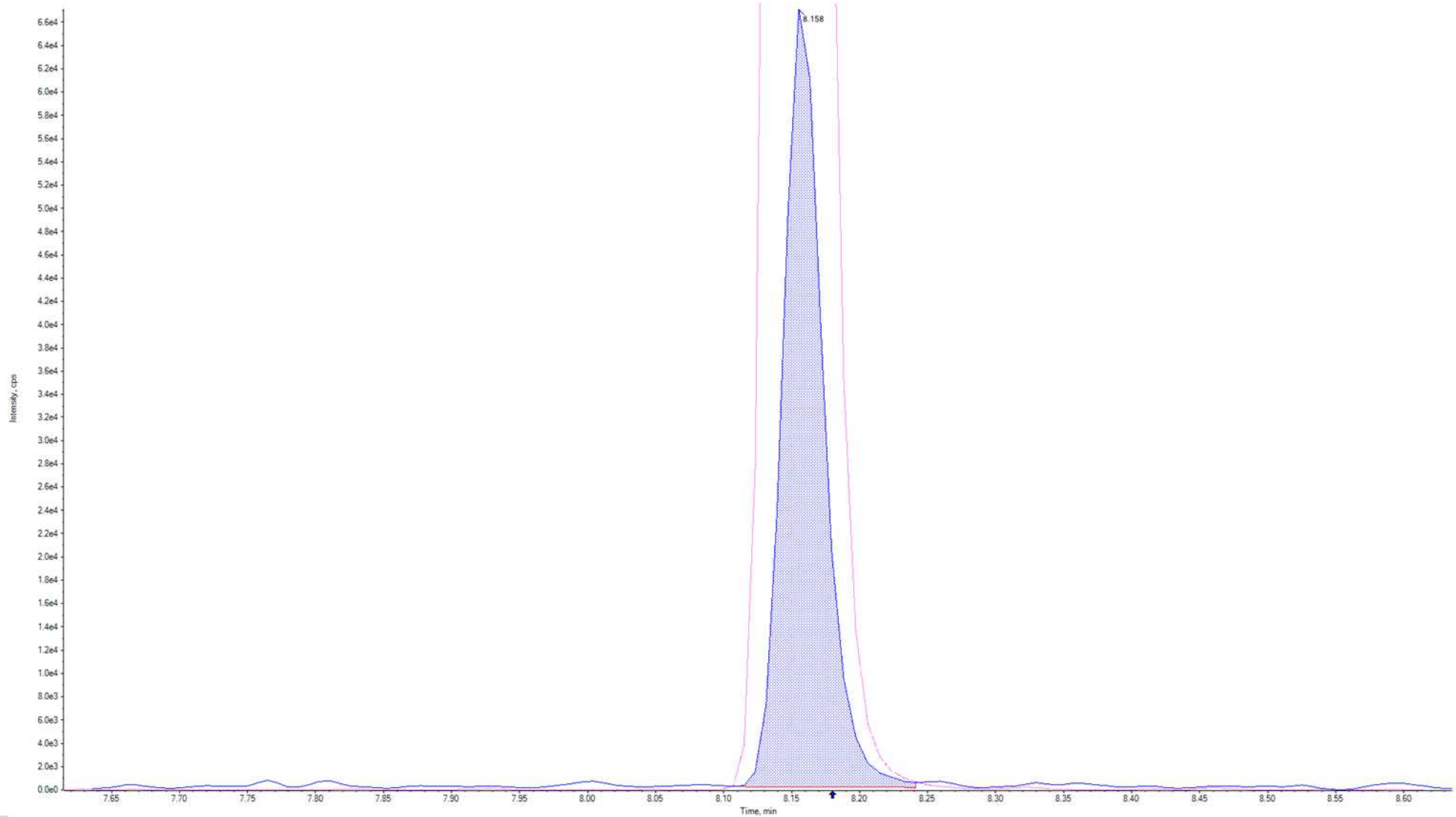
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PFNA_2
Sample: WG1972379-2,1633LOW S/N:349.4 Points Across peak:29



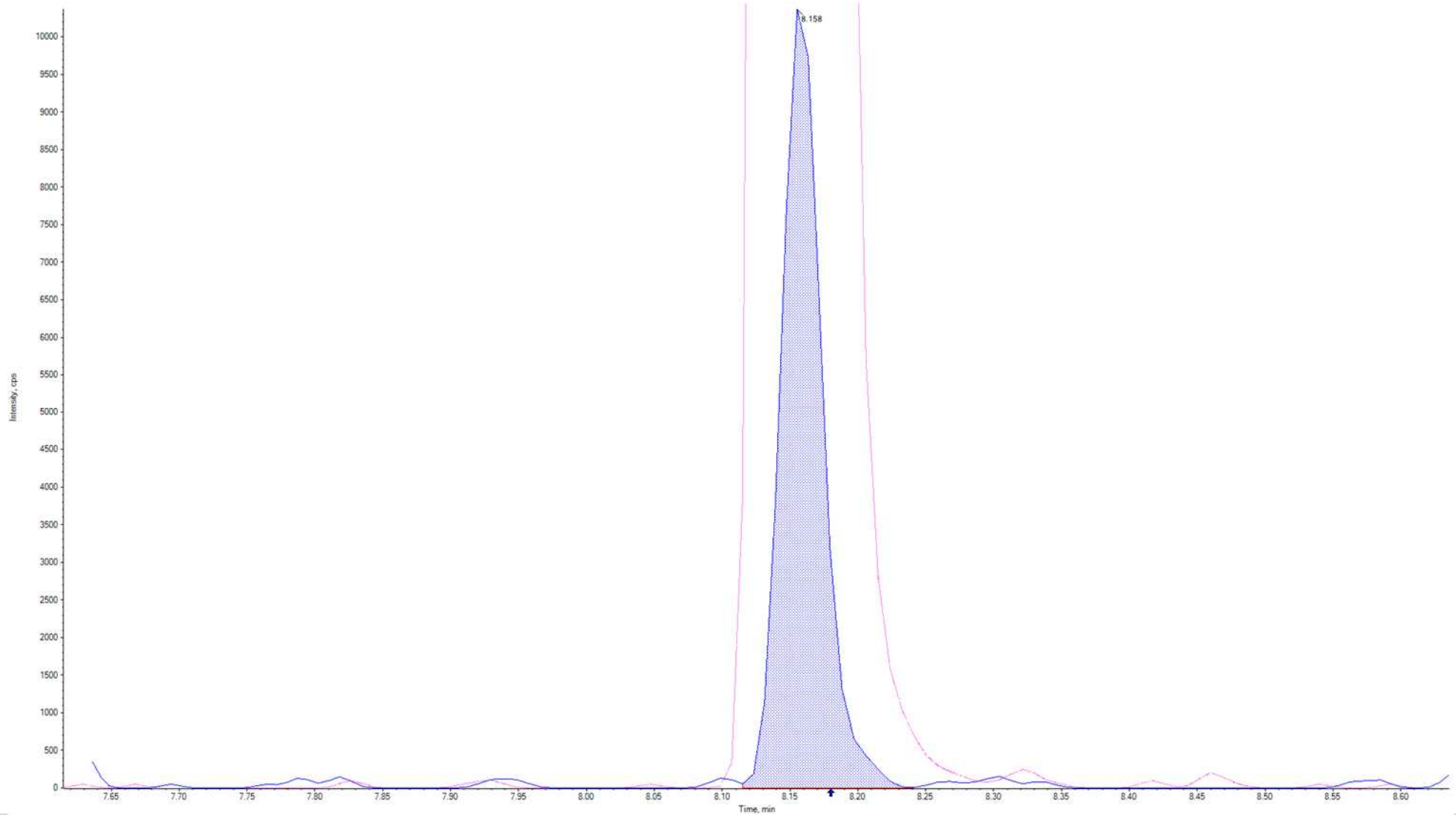
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PFDA
Sample: WG1972379-2,1633LOW S/N:1098.7 Points Across peak:17



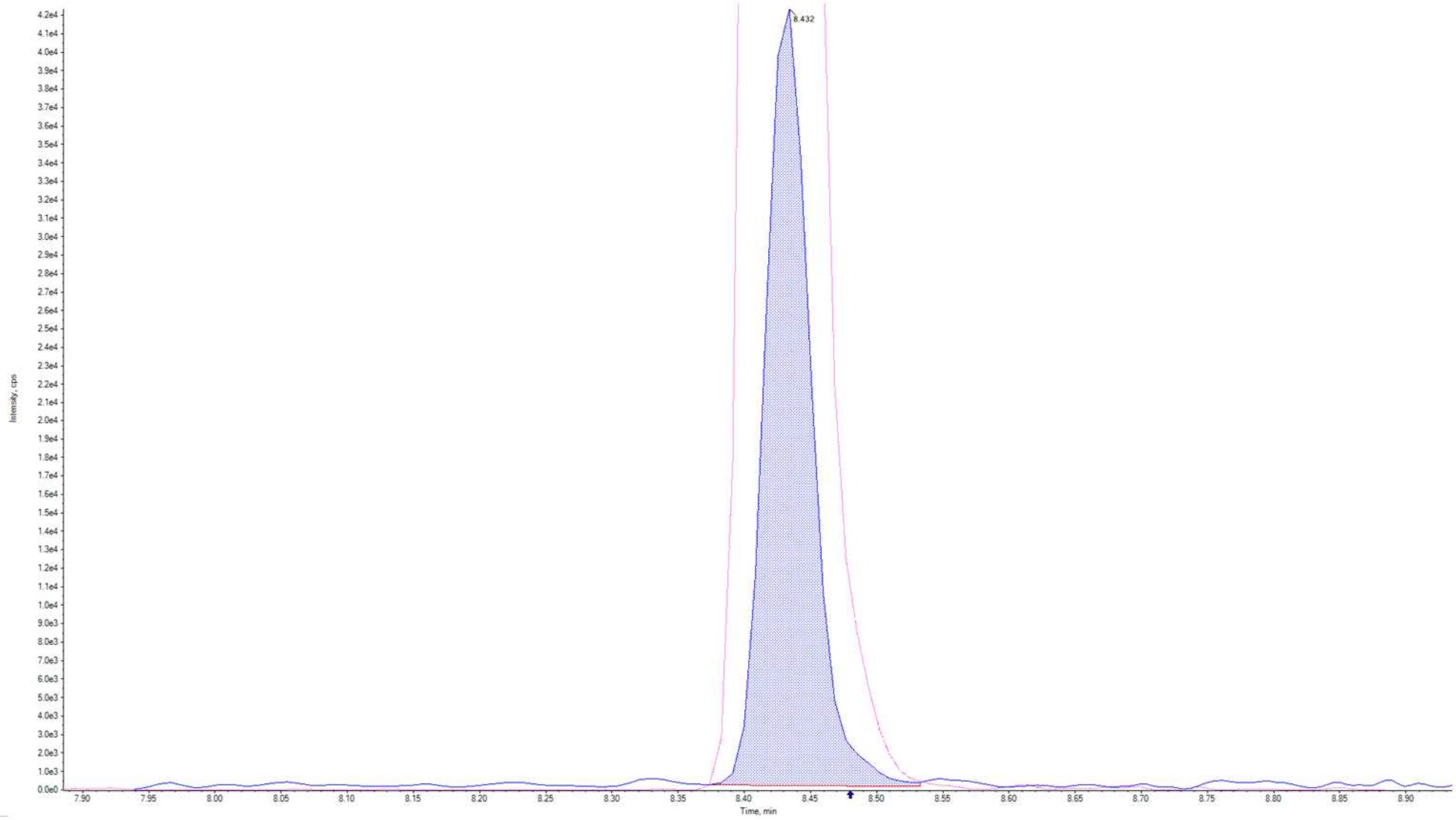
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PFDA_2
Sample: WG1972379-2,1633LOW S/N:660.6 Points Across peak:16



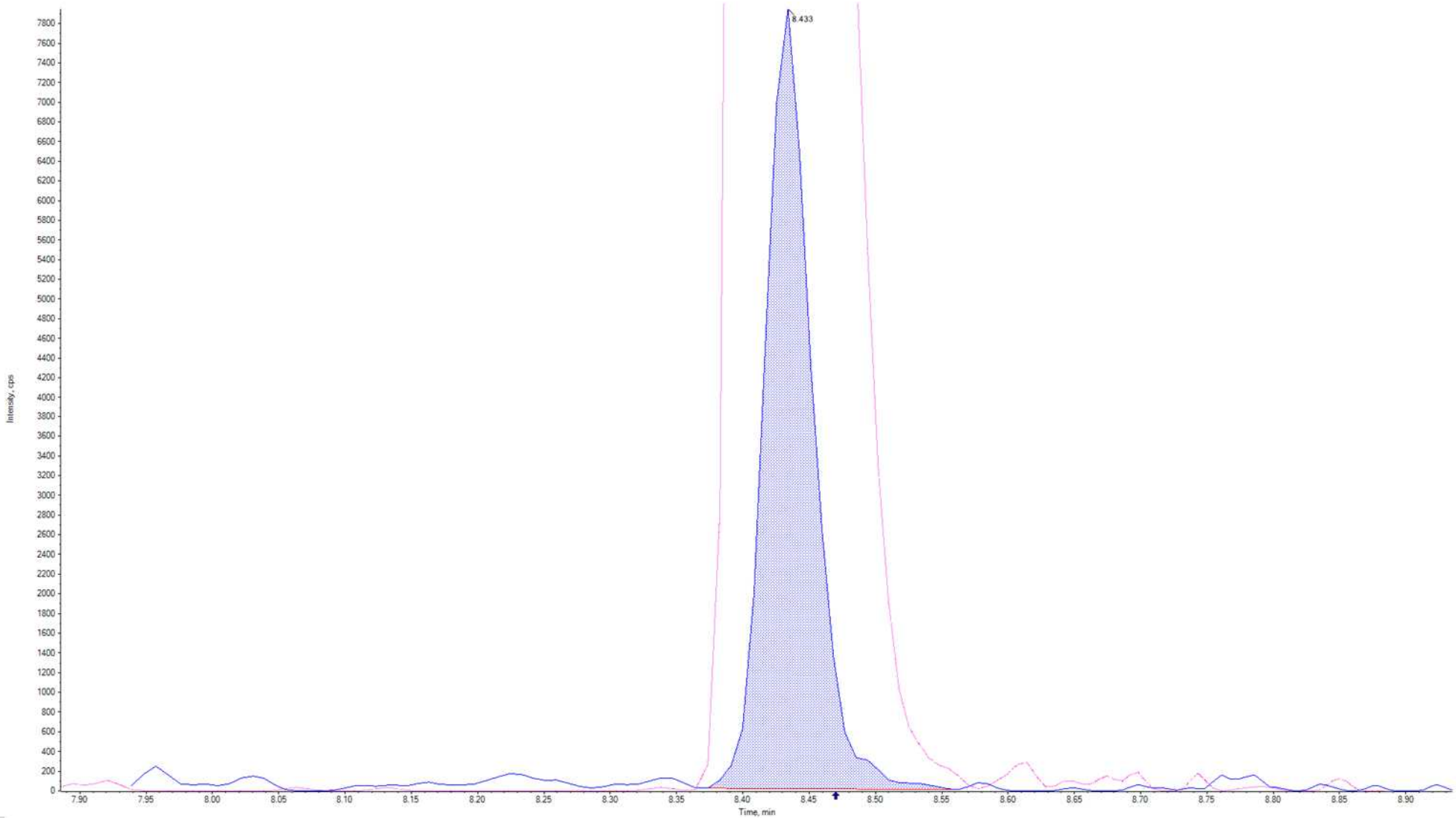
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PFUnA
Sample: WG1972379-2,1633LOW S/N:992.1 Points Across peak:20



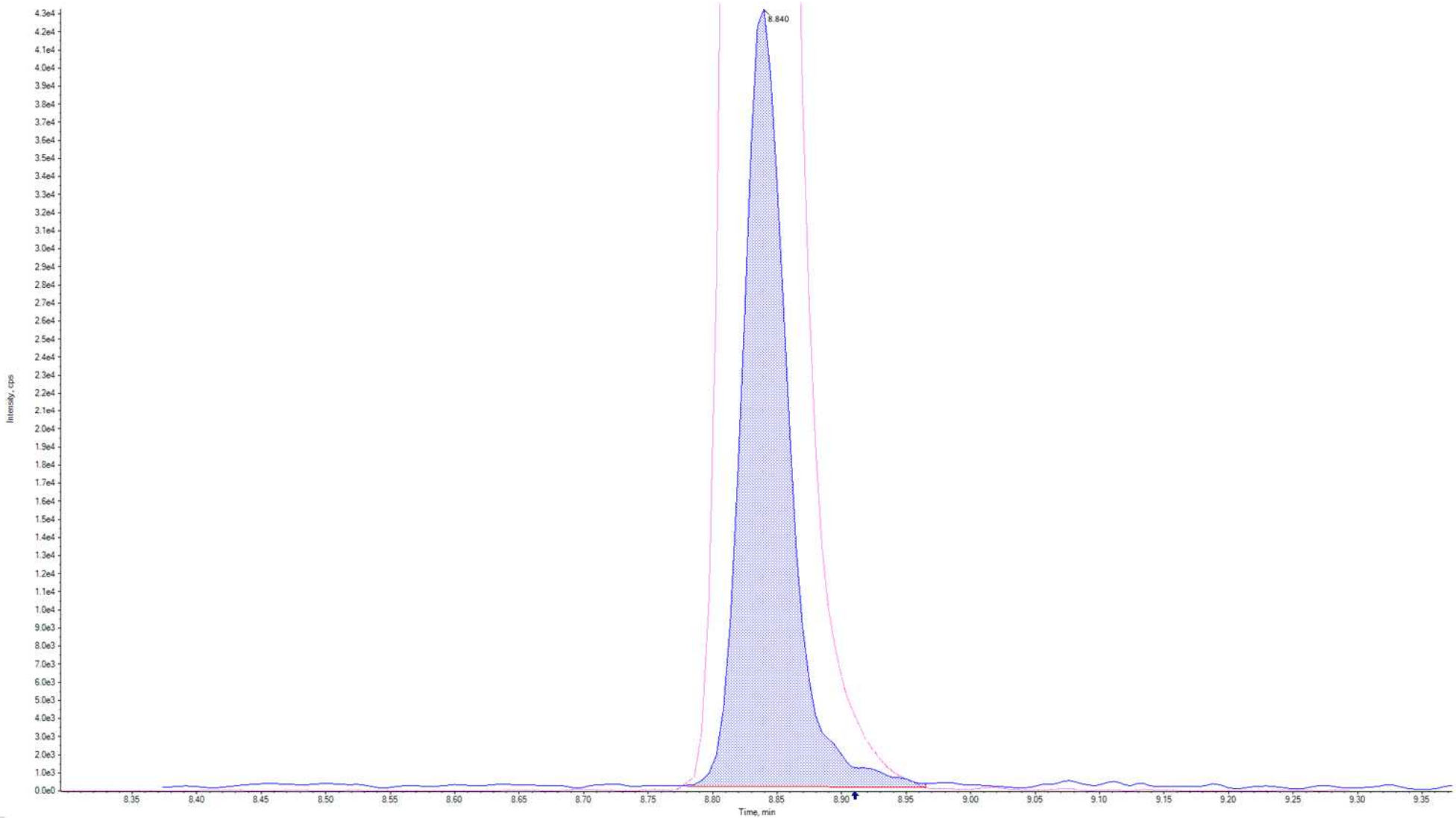
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PFUnA_2
Sample: WG1972379-2,1633LOW S/N:21494.9 Points Across peak:24



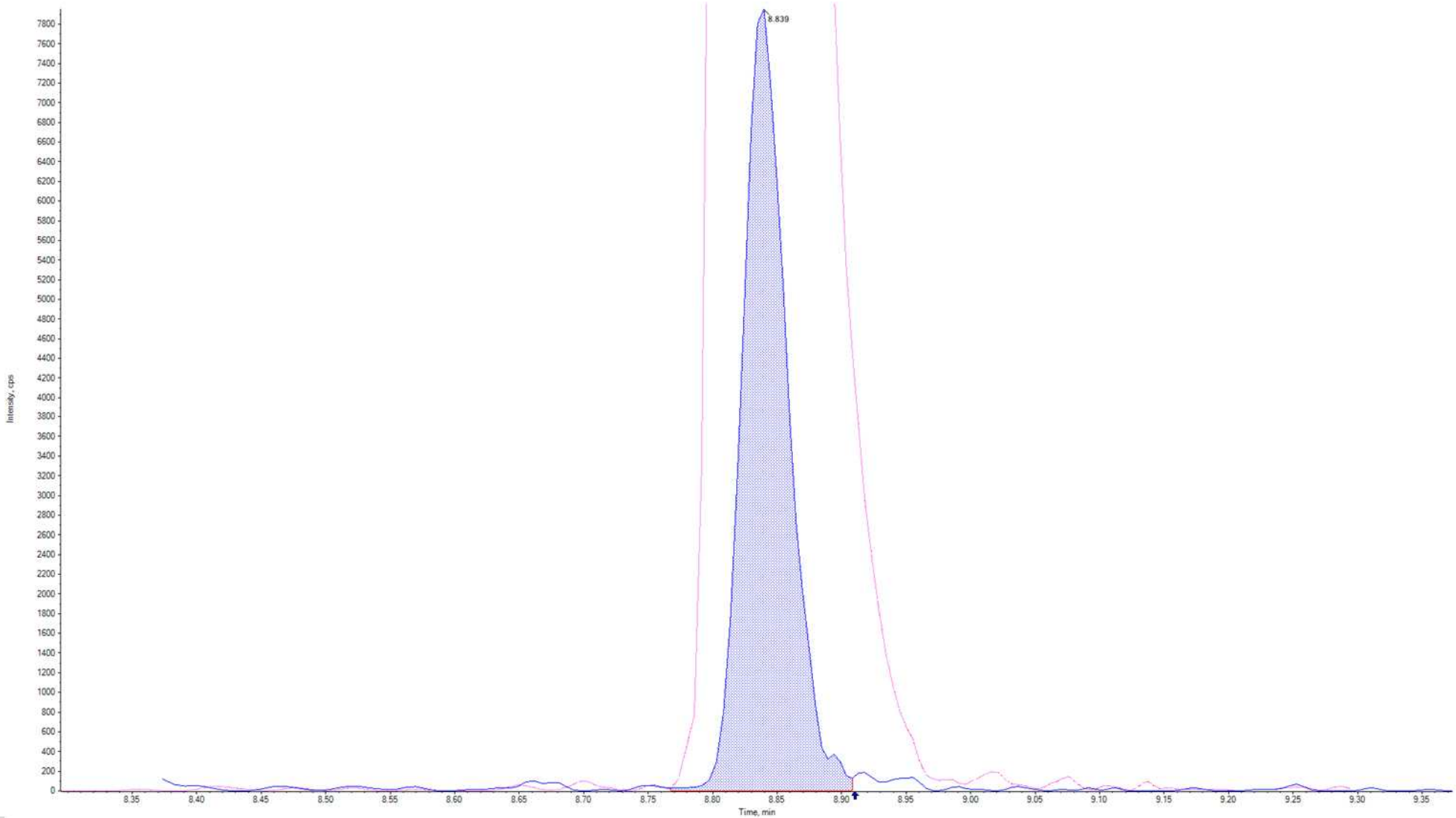
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PFDoA
Sample: WG1972379-2,1633LOW S/N:1277.5 Points Across peak:37



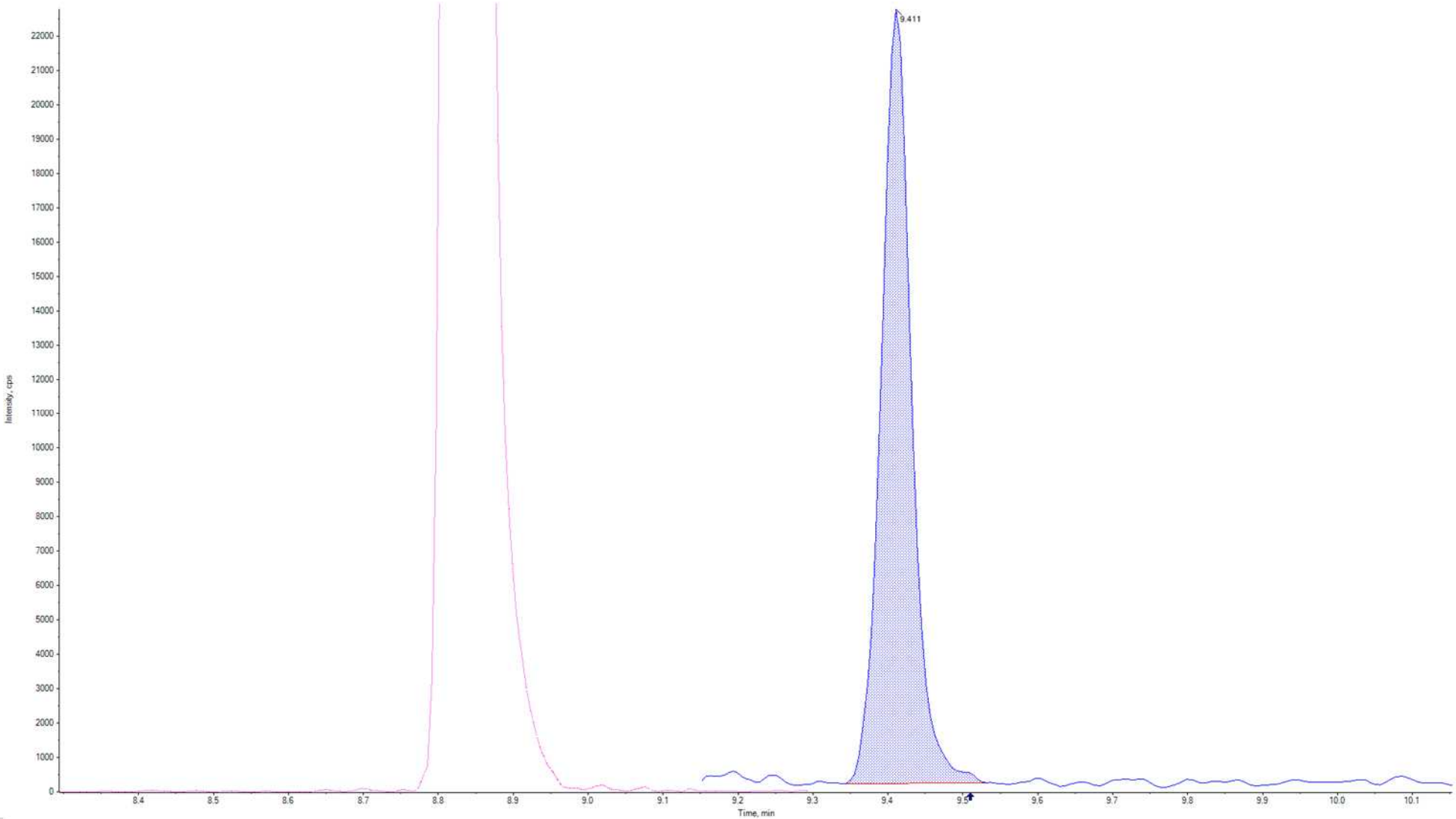
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PFDoA_2
Sample: WG1972379-2,1633LOW S/N:366529.8 Points Across peak:27



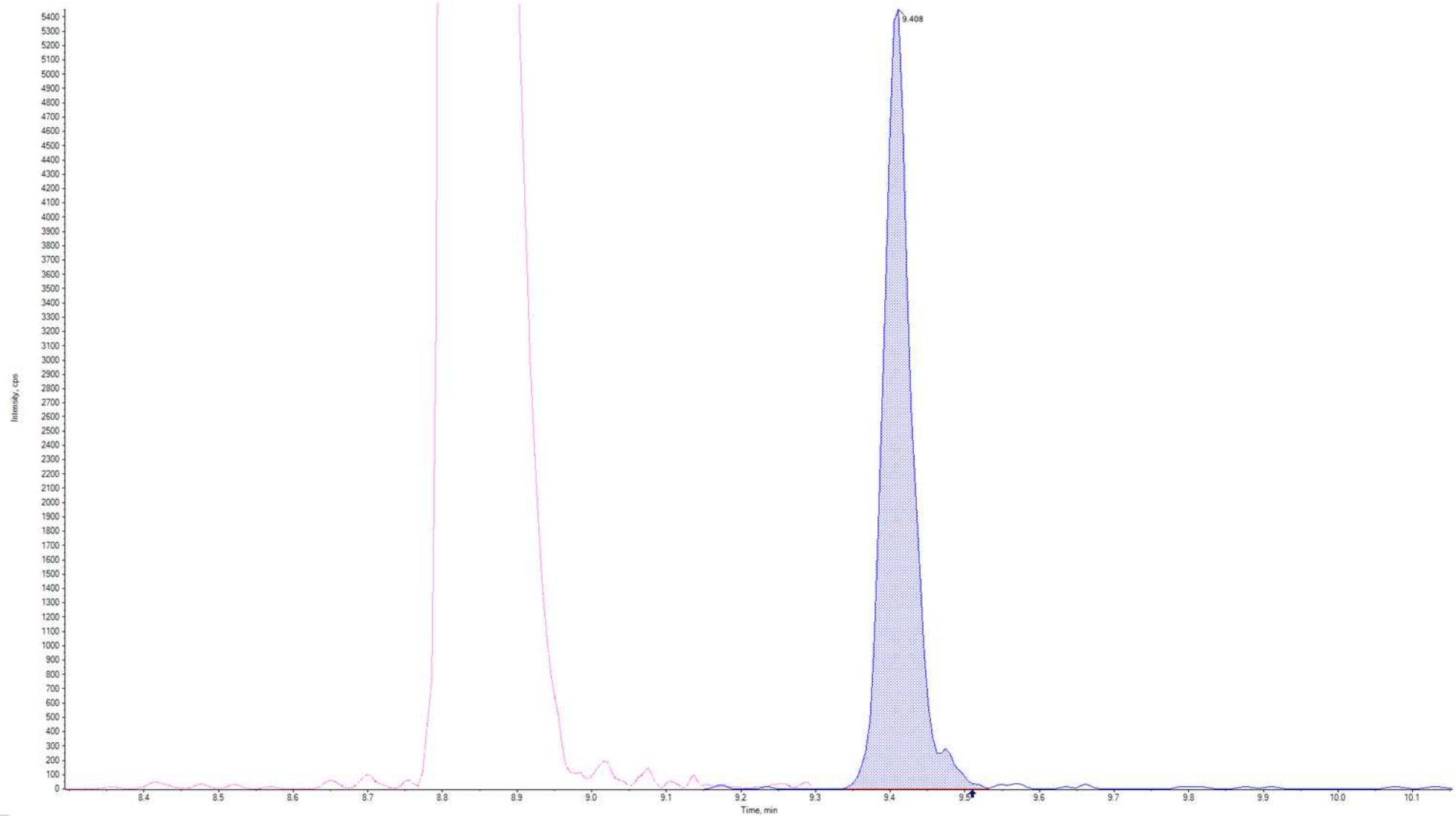
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PFTrDA
Sample: WG1972379-2,1633LOW S/N:586.0 Points Across peak:34



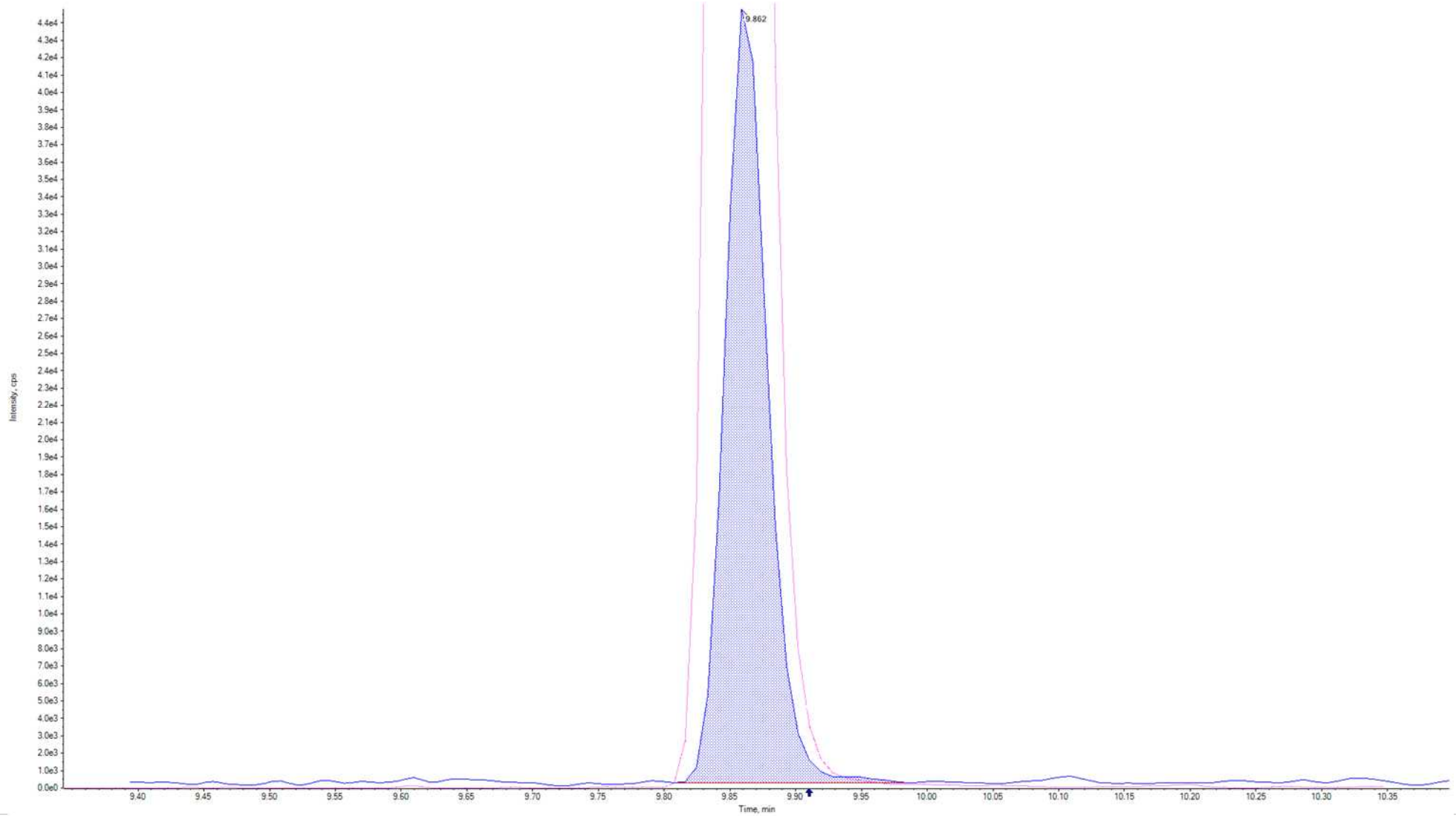
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PFTrDA_2
Sample: WG1972379-2,1633LOW S/N:850.7 Points Across peak:38



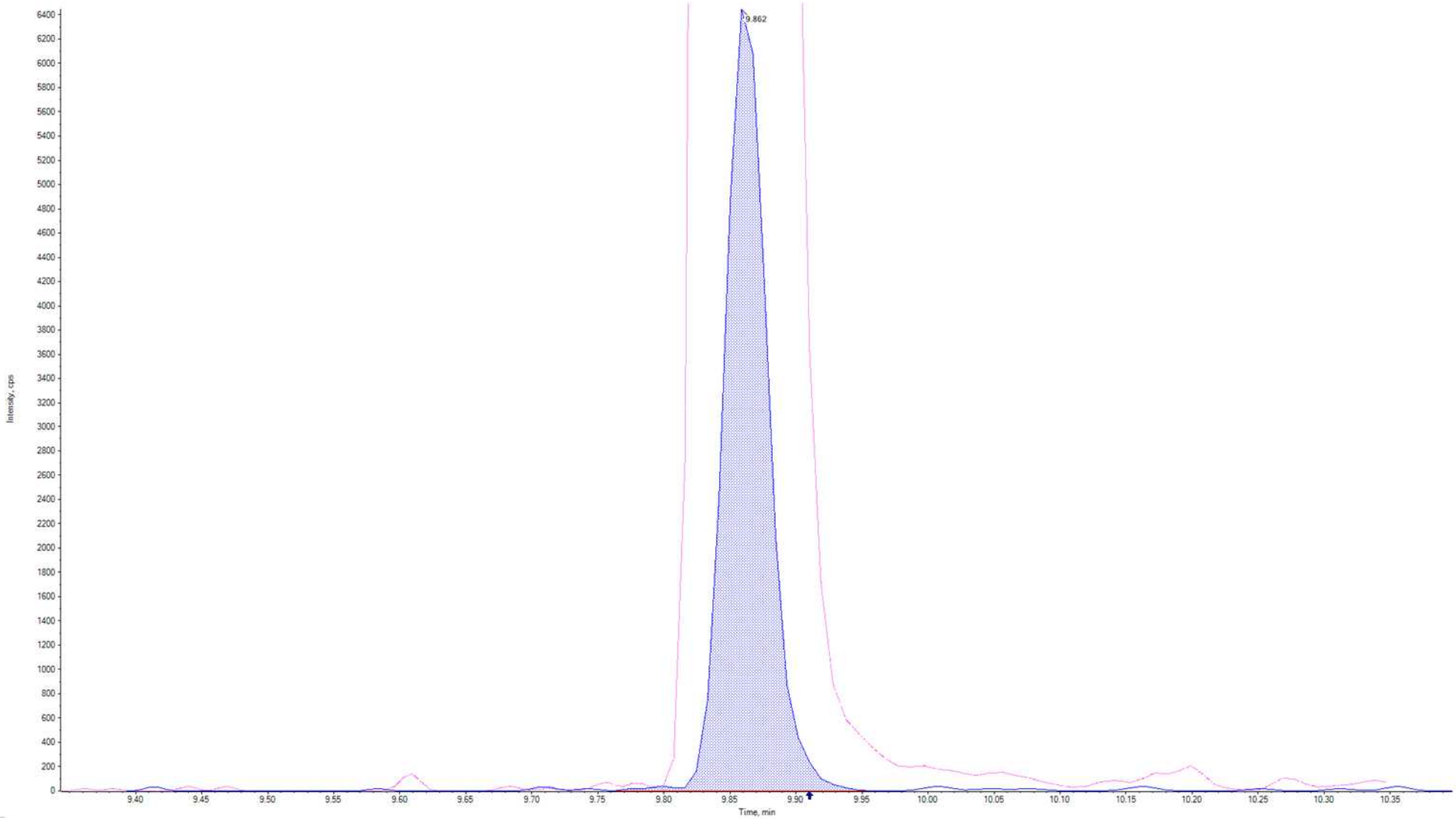
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PFTeDA
Sample: WG1972379-2,1633LOW S/N:569.2 Points Across peak:21



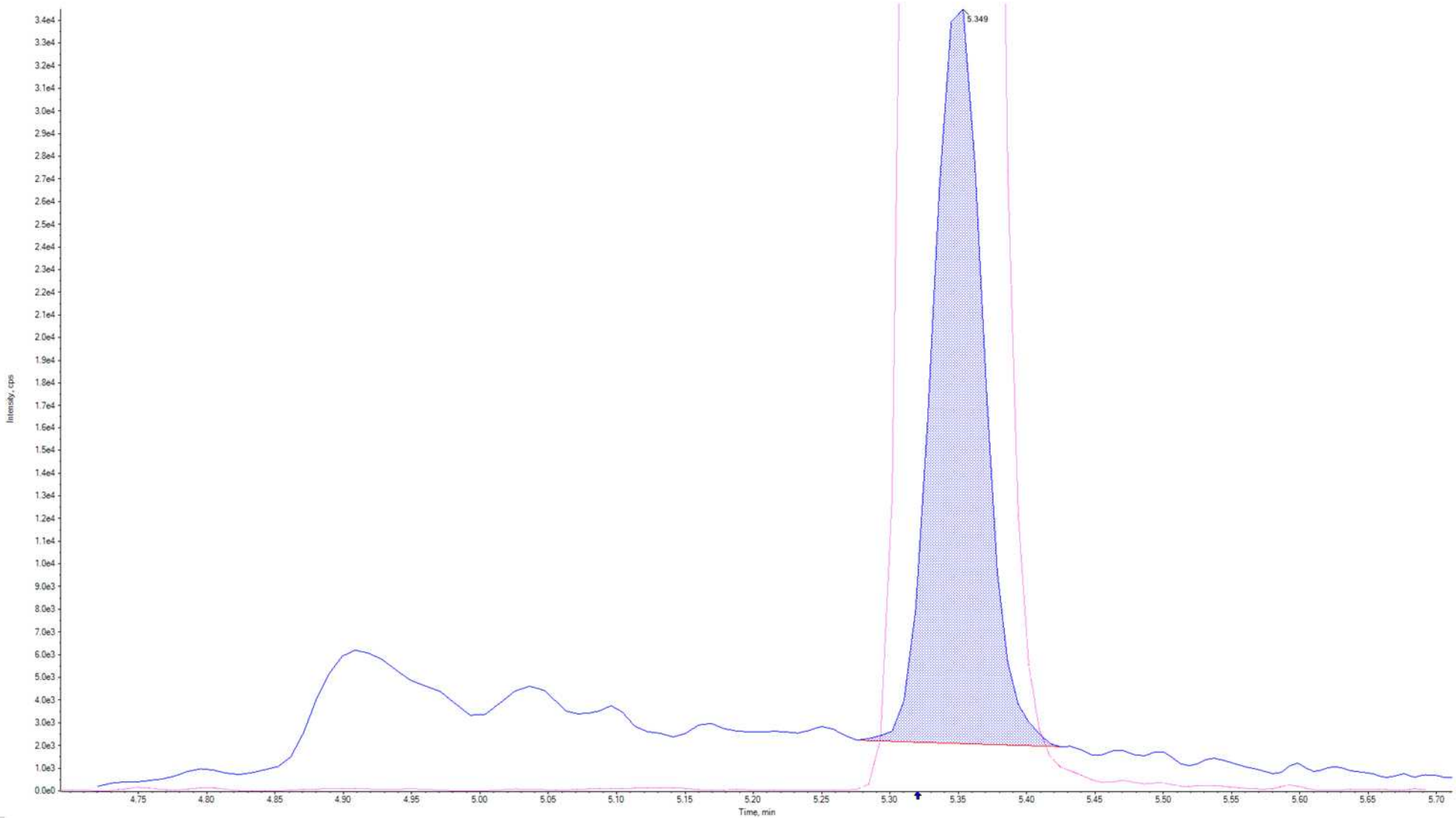
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Generated: 9/17/2024 6:15:27 AM

PFTeDA_2
Sample: WG1972379-2,1633LOW S/N:863.9 Points Across peak:26



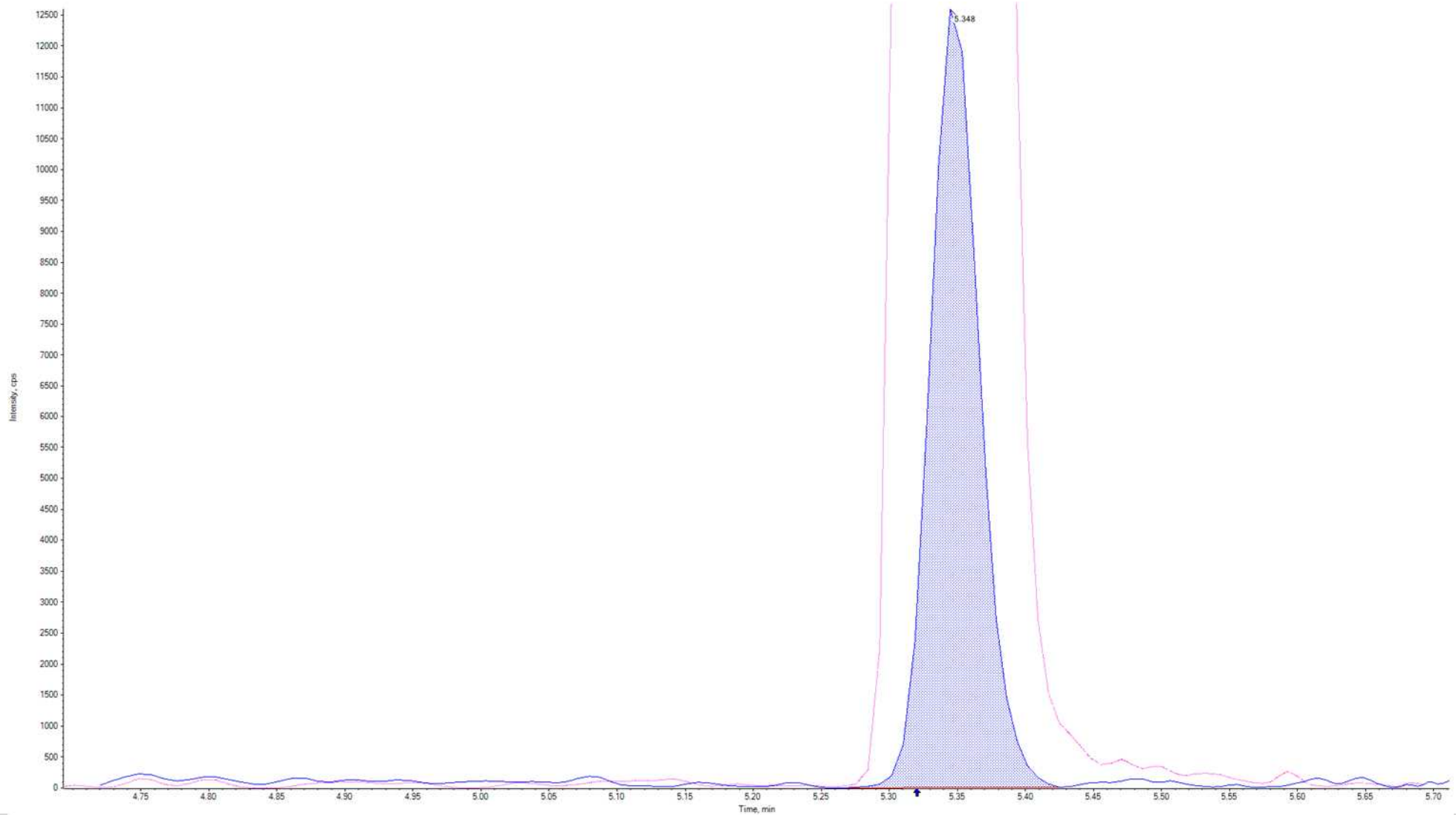
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFBS
Sample: WG1972379-2,1633LOW S/N:65.2 Points Across peak:19



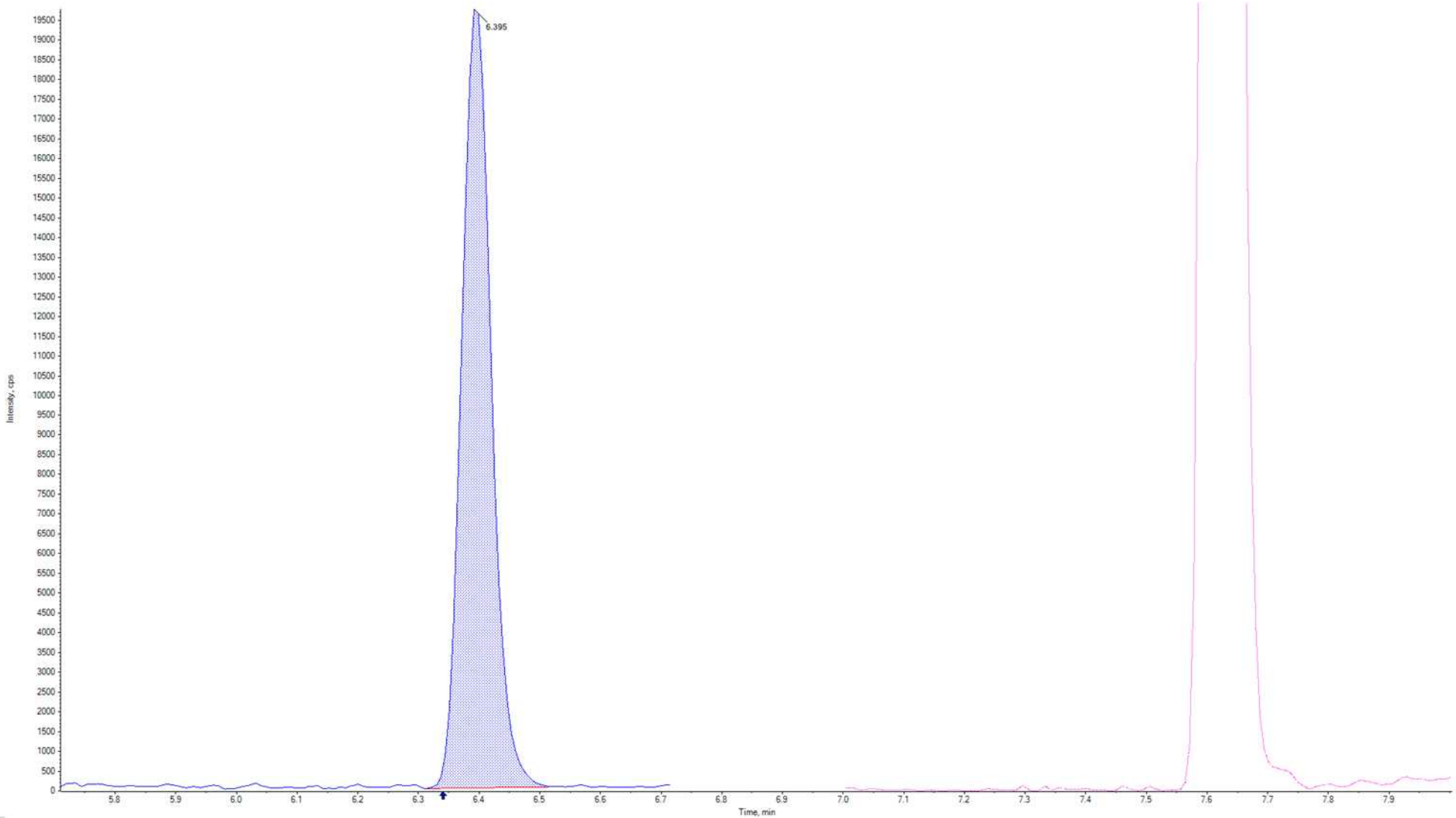
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFBS_2
Sample: WG1972379-2,1633LOW S/N:1820.7 Points Across peak:21



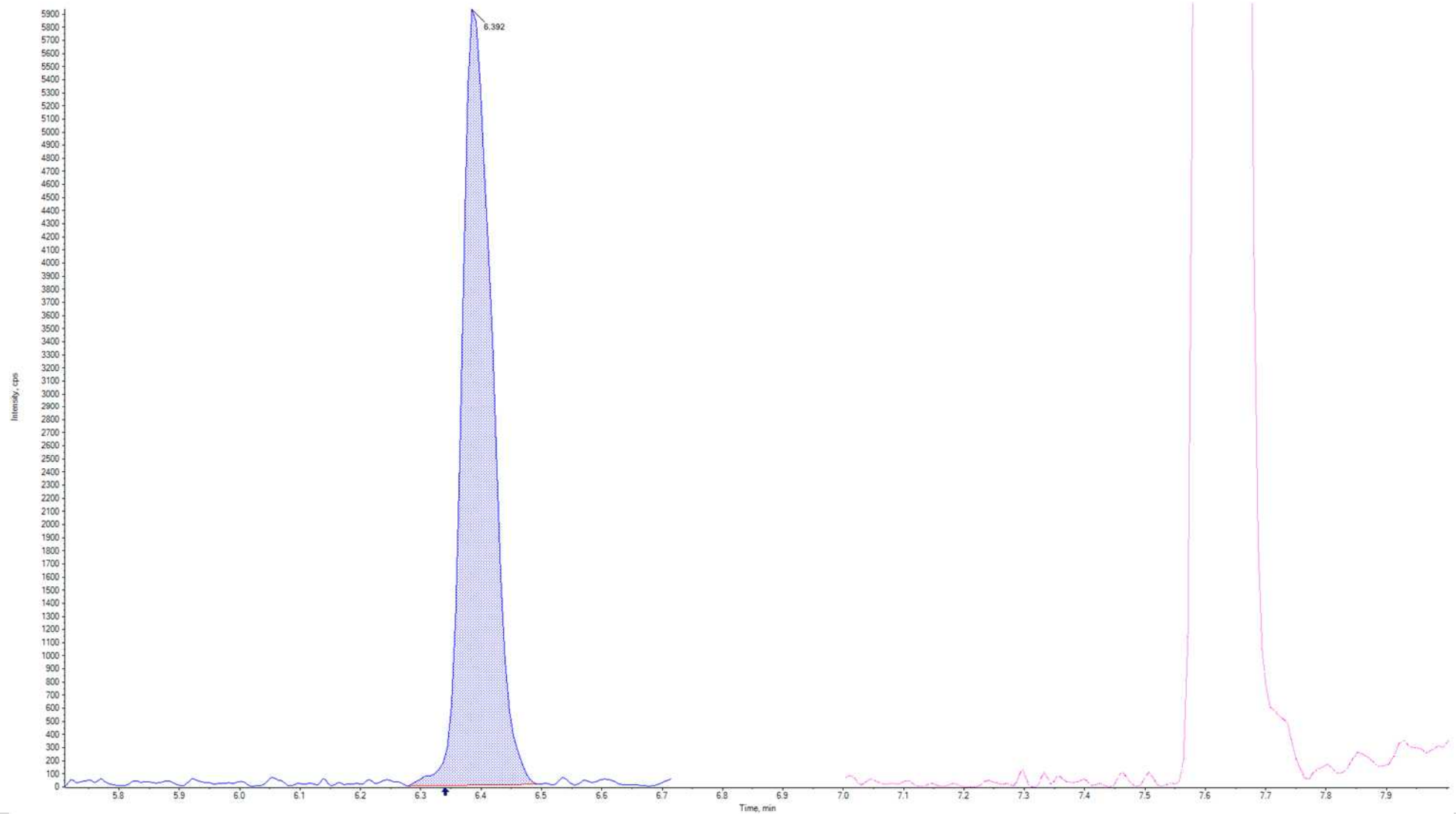
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFPeS
Sample: WG1972379-2,1633LOW S/N:1116.2 Points Across peak:32



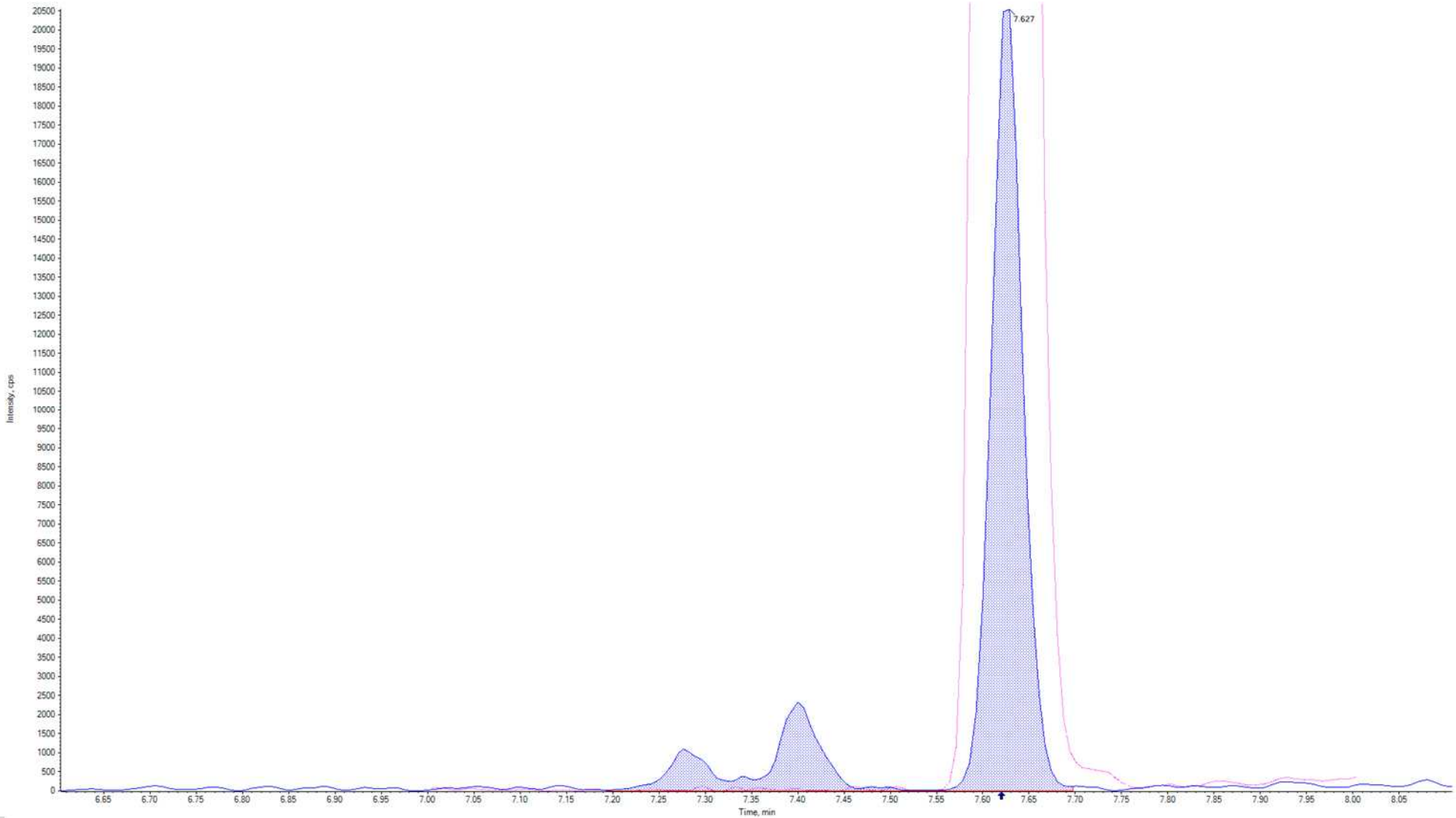
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFPeS_2
Sample: WG1972379-2,1633LOW S/N:1131.4 Points Across peak:33



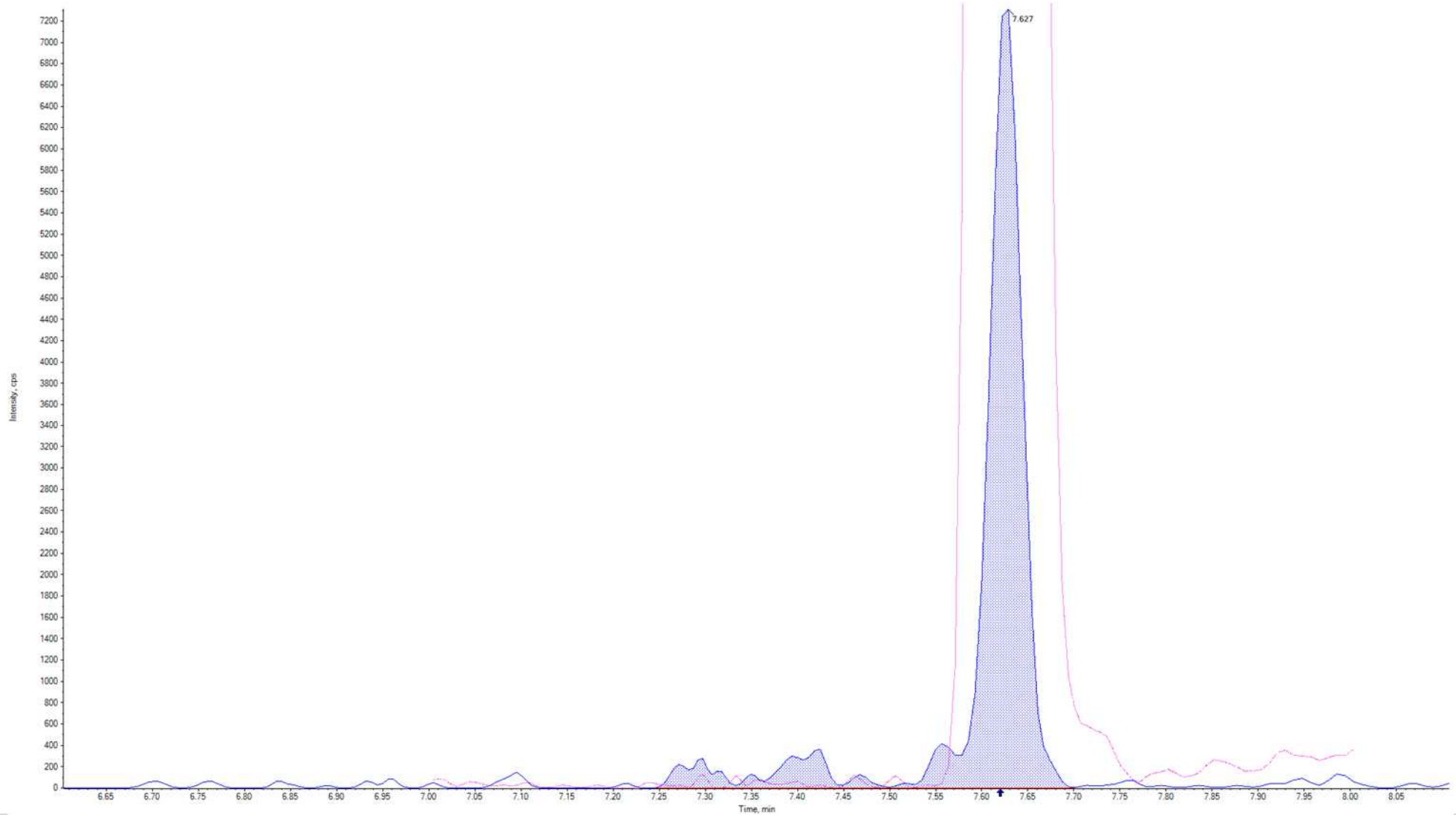
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFHxS
Sample: WG1972379-2,1633LOW S/N:3178.2 Points Across peak:83



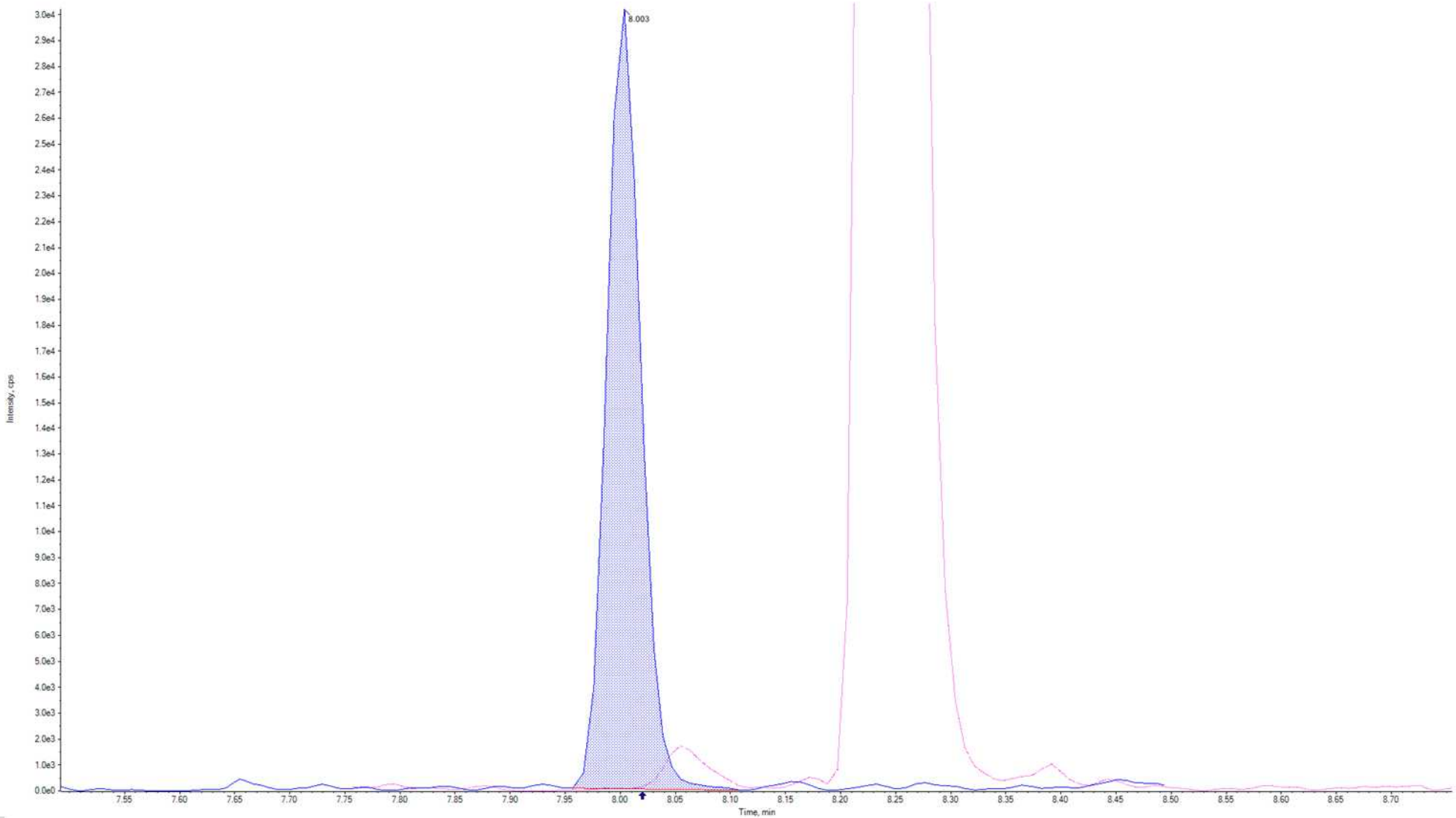
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFHxS_2
Sample: WG1972379-2,1633LOW S/N:400.6 Points Across peak:75



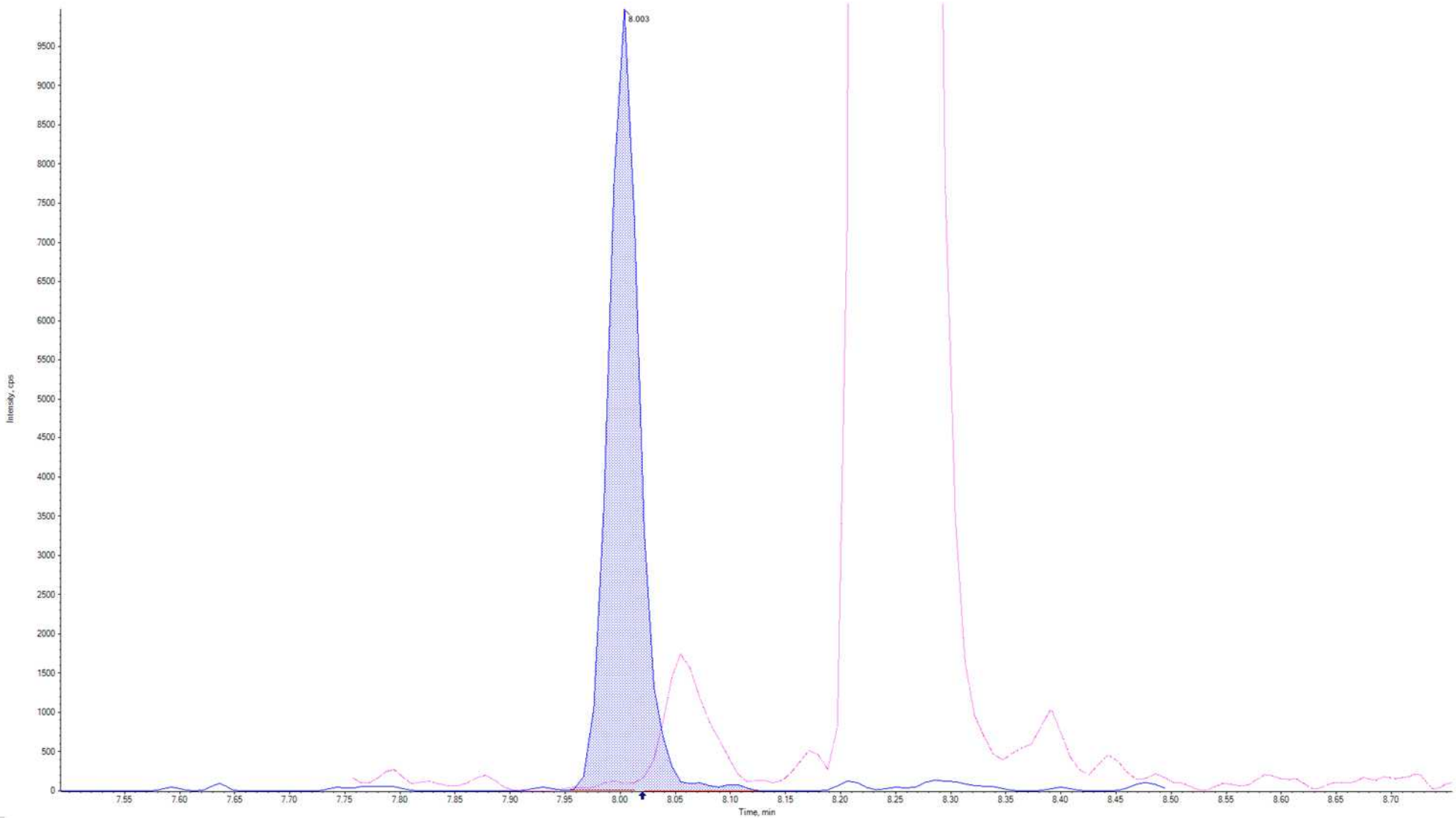
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
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PFHpS
Sample: WG1972379-2,1633LOW S/N:40620.5 Points Across peak:20



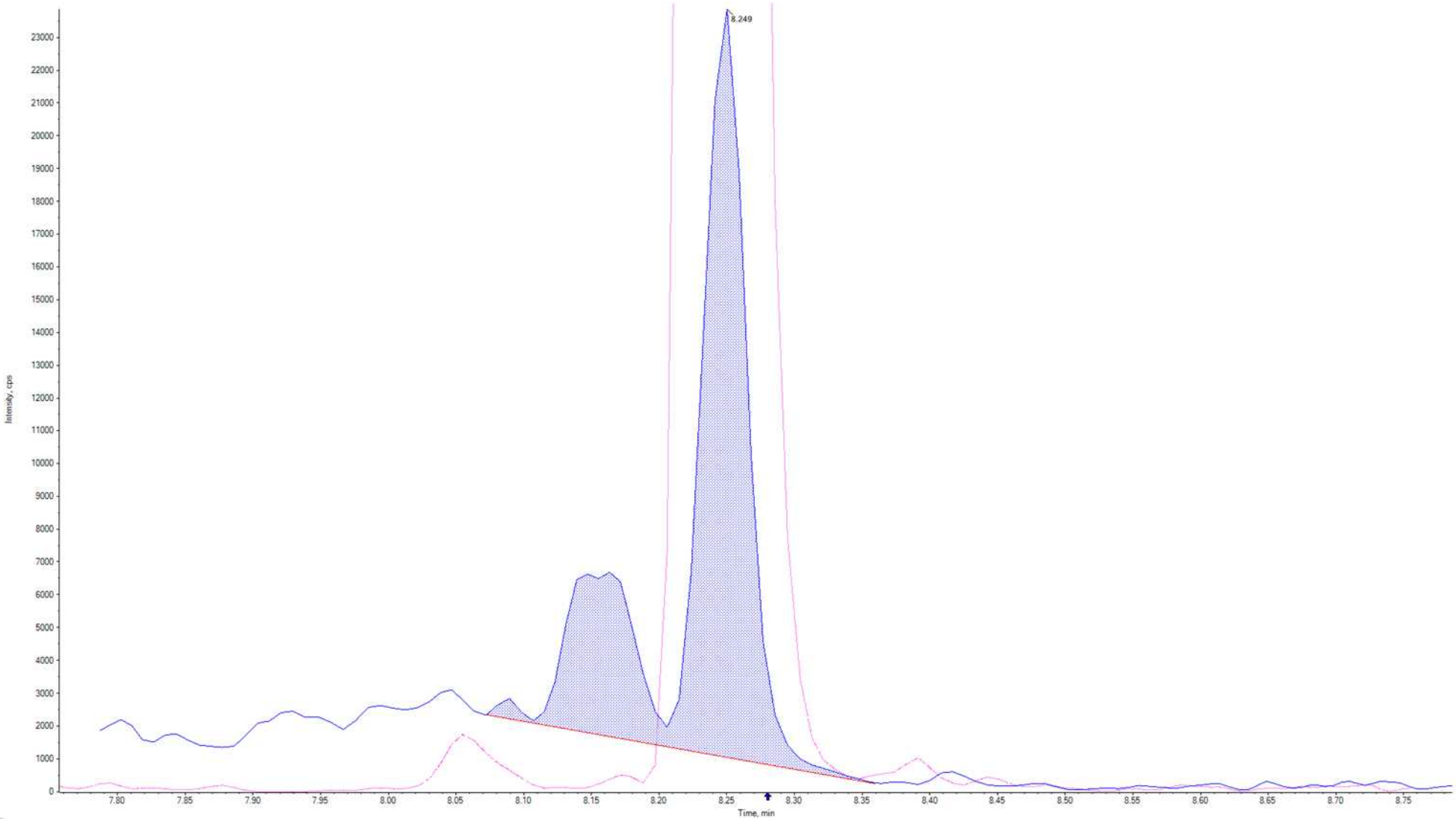
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFHpS_2
Sample: WG1972379-2,1633LOW S/N:457.8 Points Across peak:23



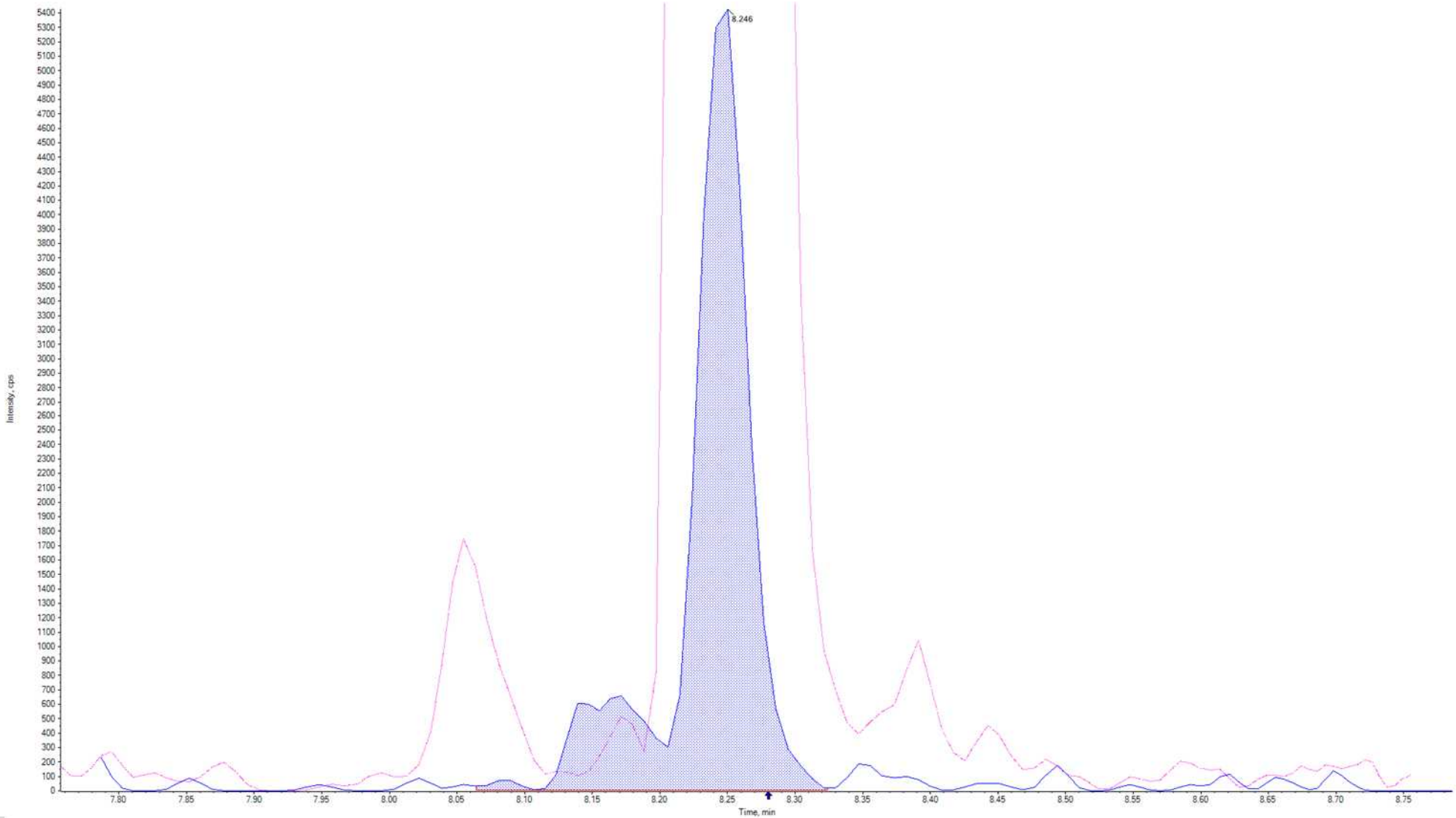
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFOS
Sample: WG1972379-2,1633LOW S/N:470.1 Points Across peak:36



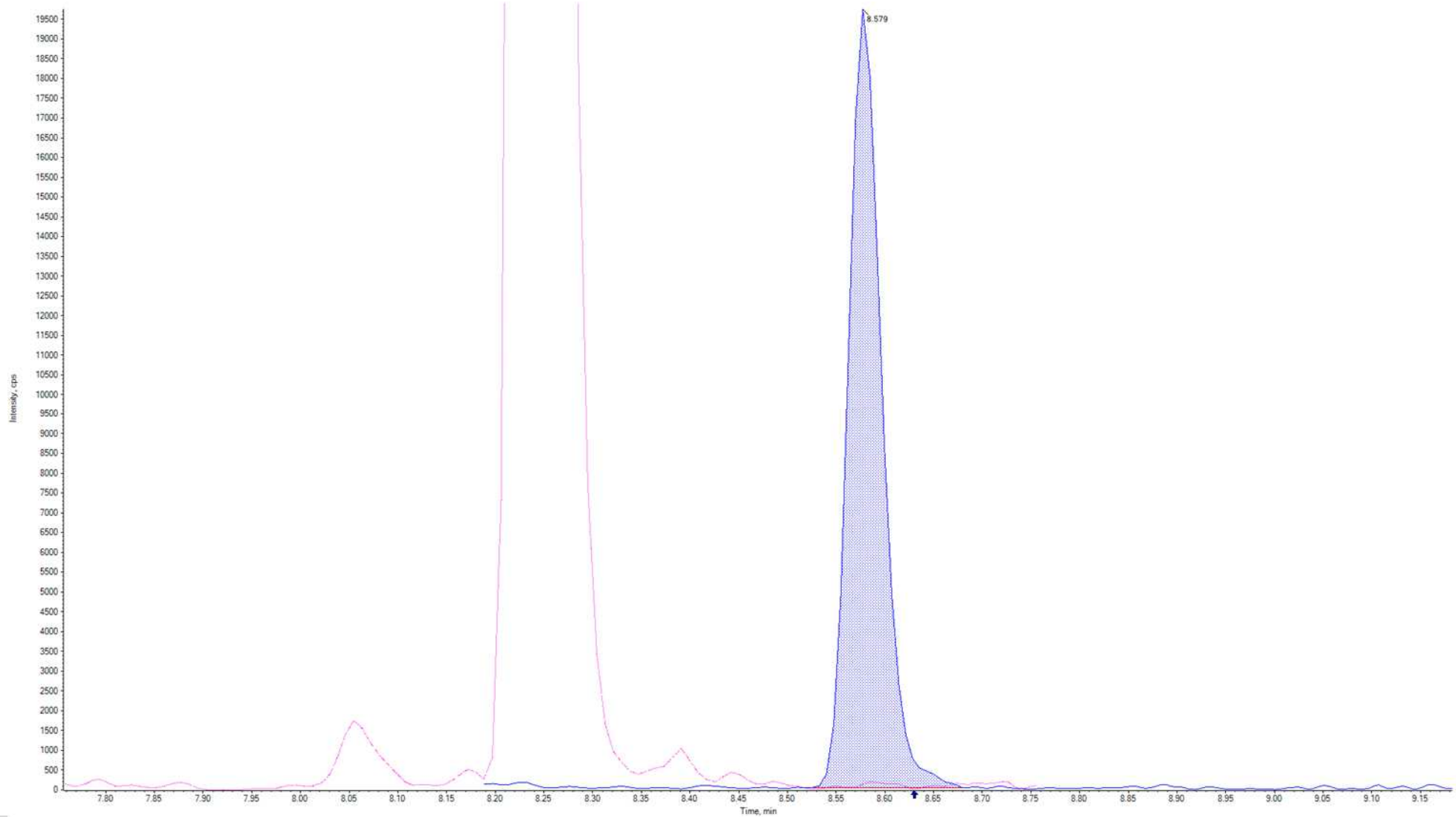
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFOS_2
Sample: WG1972379-2,1633LOW S/N:201.0 Points Across peak:32



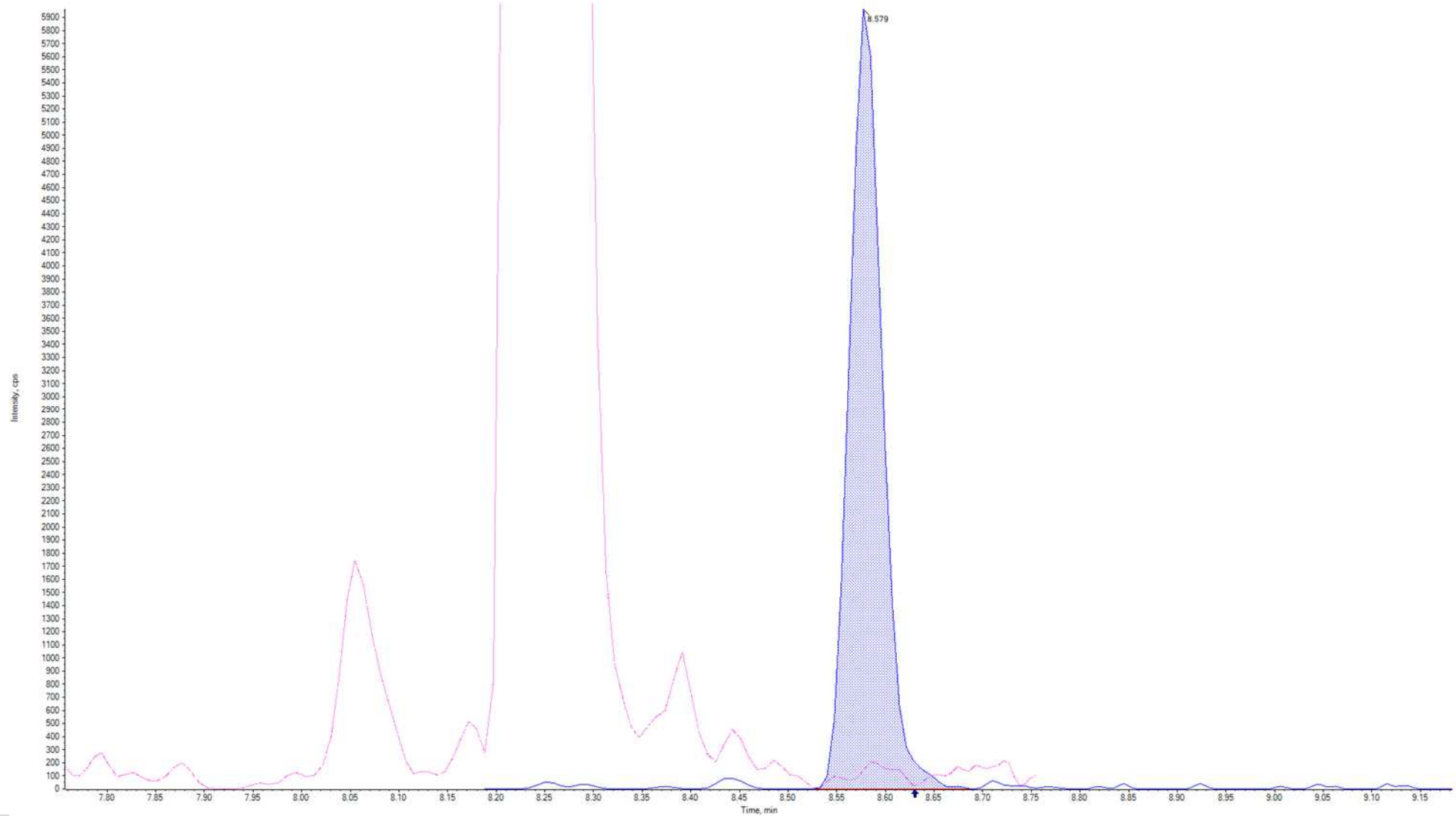
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFNS
Sample: WG1972379-2,1633LOW S/N:1851.4 Points Across peak:23



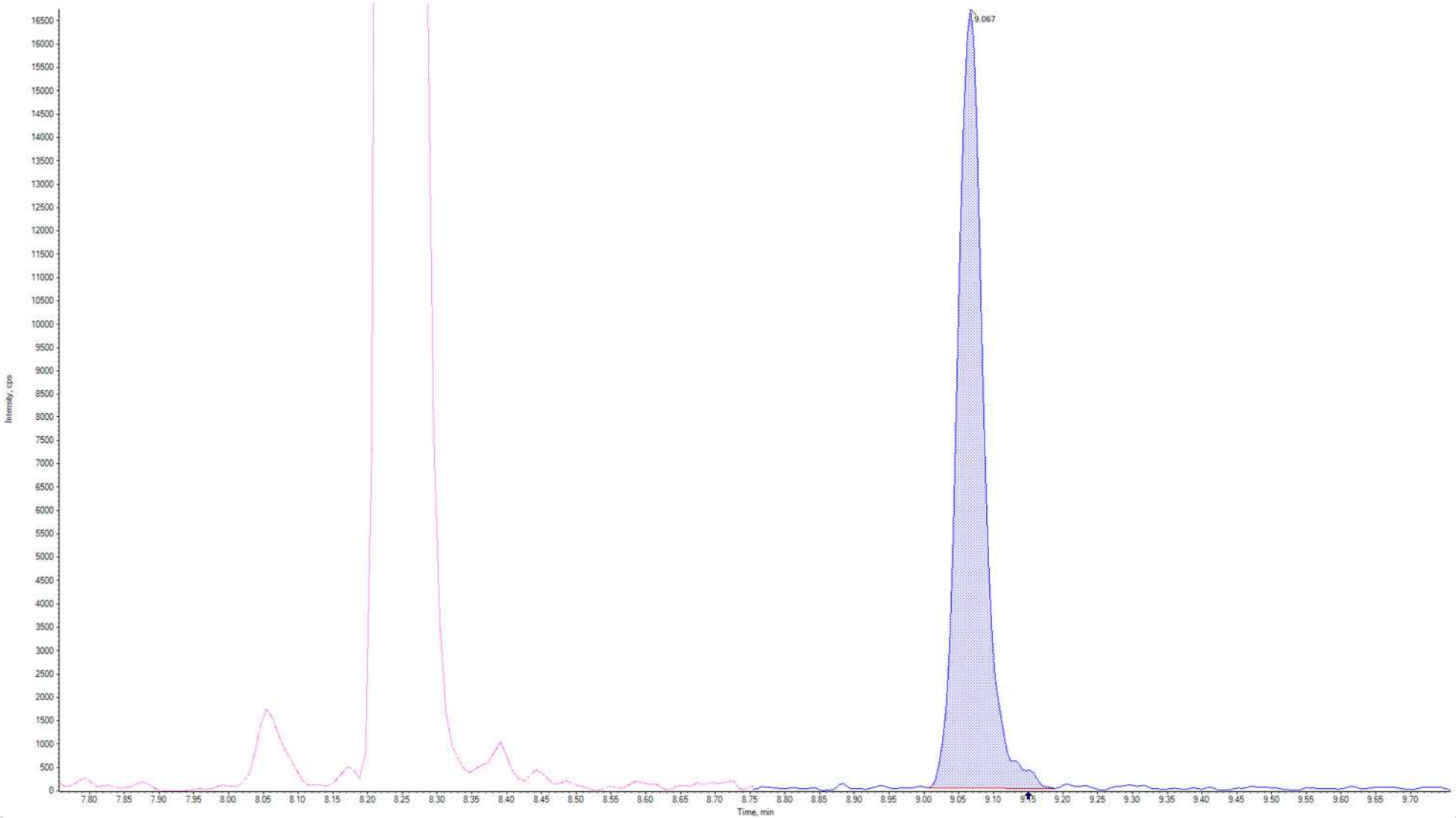
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFNS_2
Sample: WG1972379-2,1633LOW S/N:798.3 Points Across peak:26



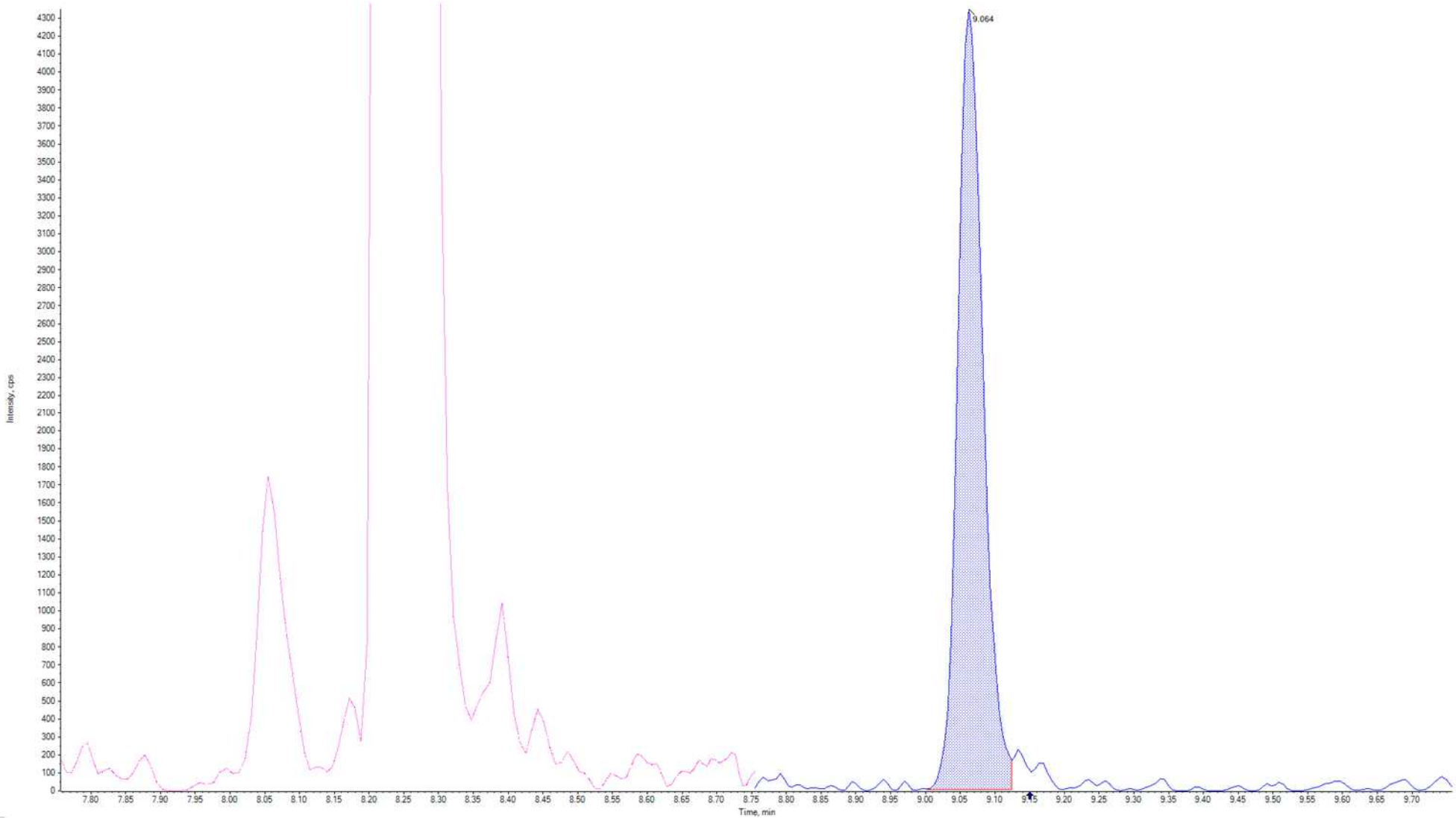
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFDS
Sample: WG1972379-2,1633LOW S/N:1949.1 Points Across peak:38



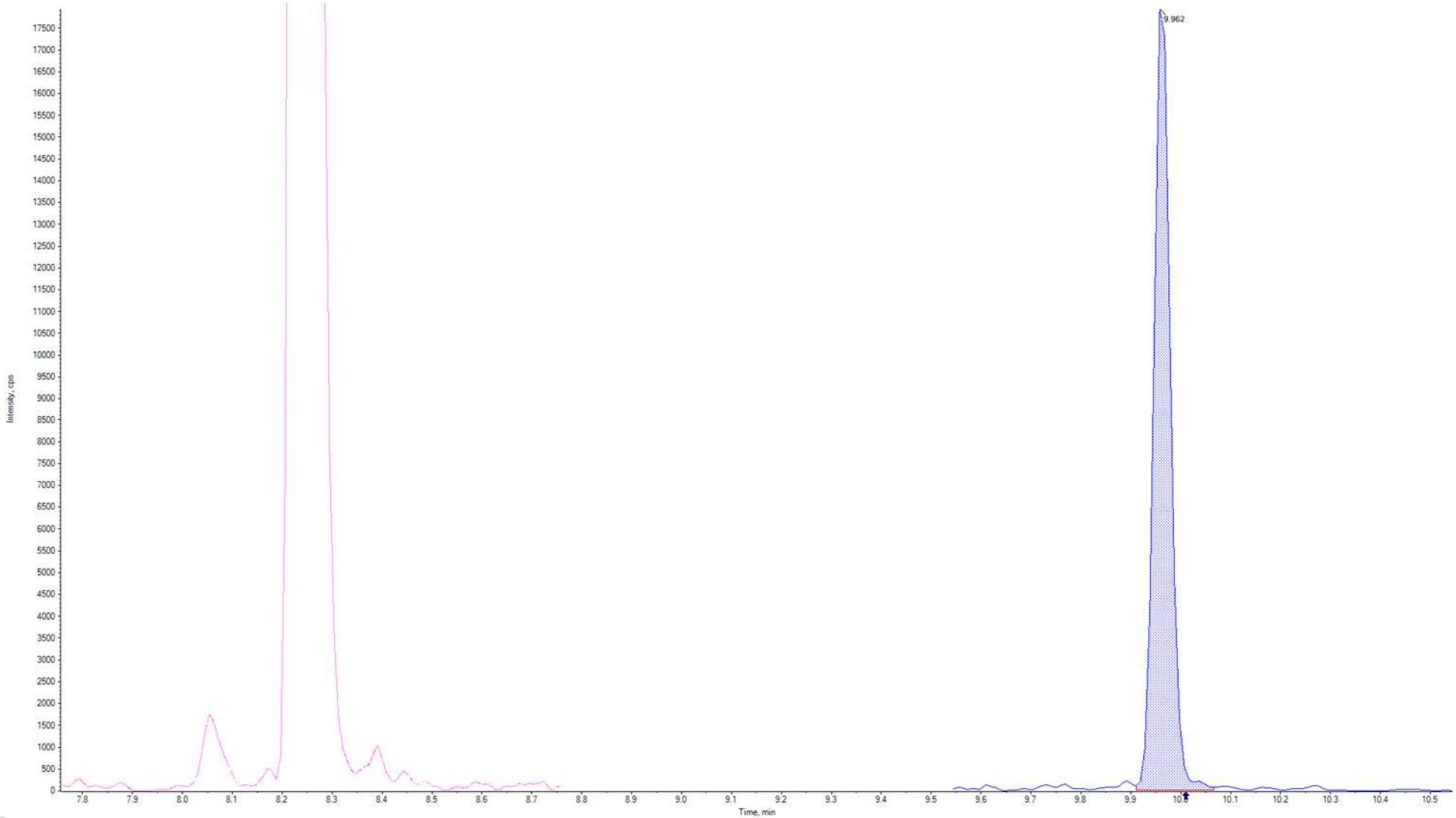
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFDS_2
Sample: WG1972379-2,1633LOW S/N:12506.1 Points Across peak:27



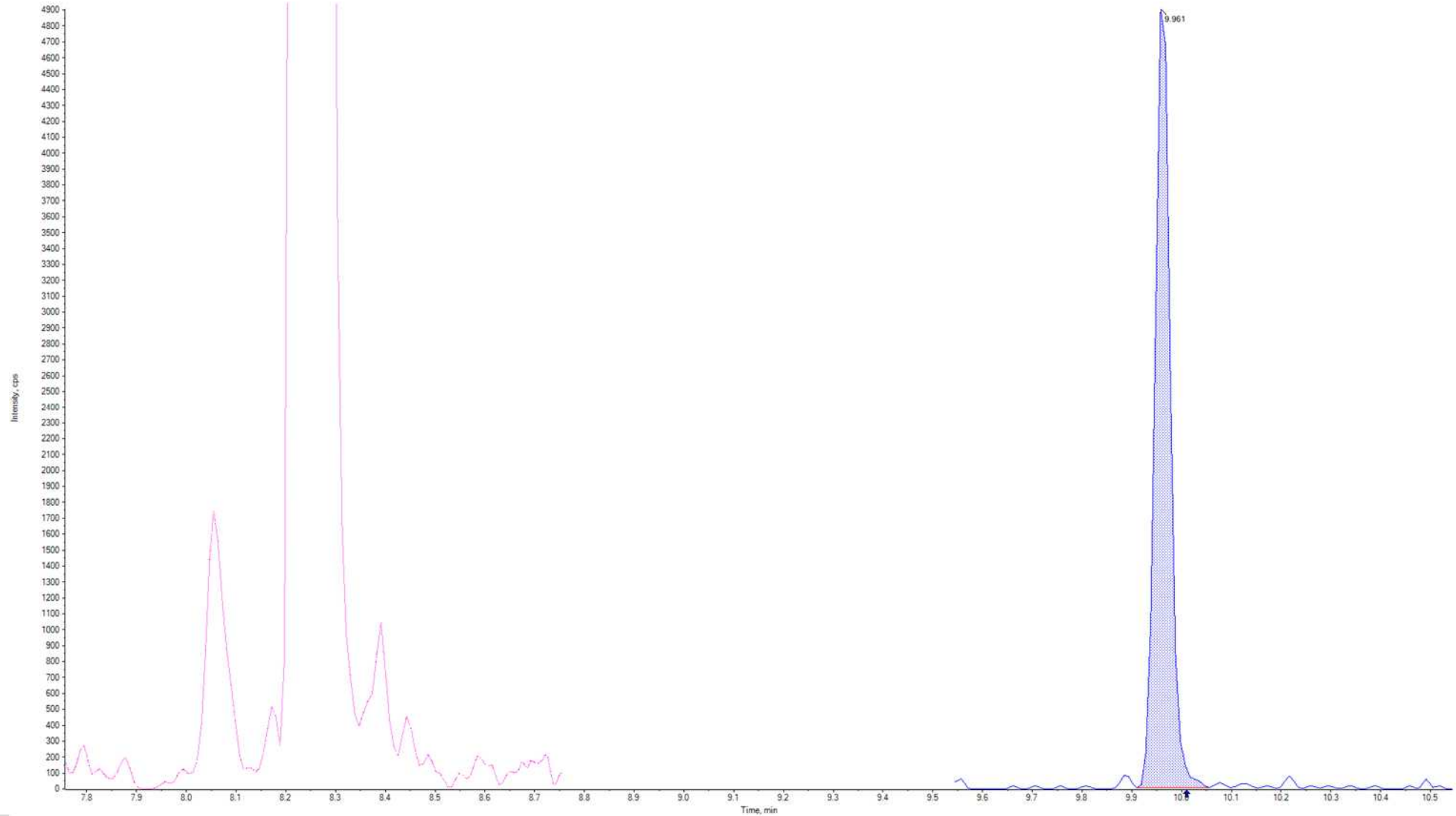
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFDoS
Sample: WG1972379-2,1633LOW S/N:7122968.7 Points Across peak:17



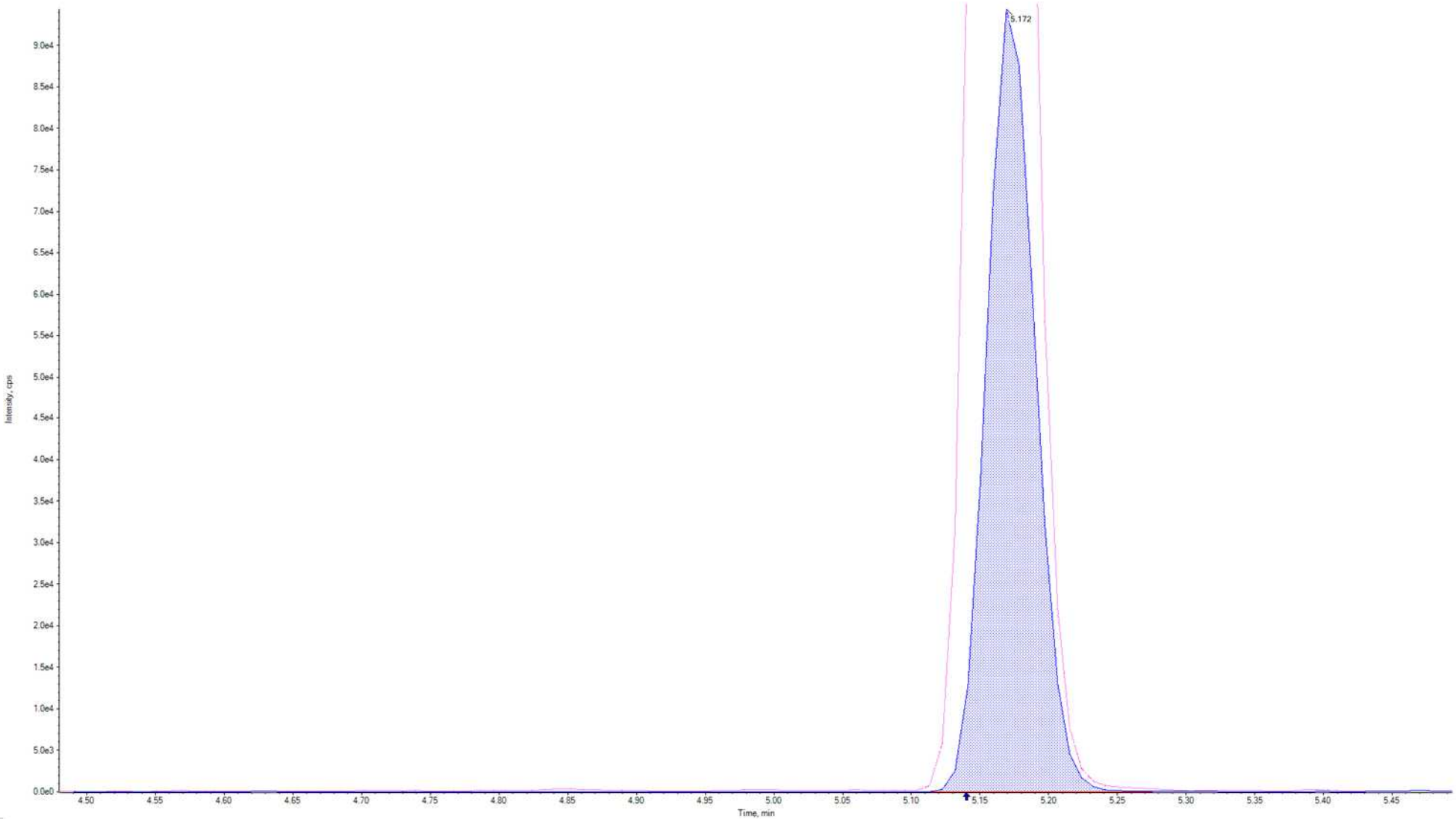
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Last Altered: 9/17/2024 9:07:16 AM
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PFDoS_2
Sample: WG1972379-2,1633LOW S/N:476.9 Points Across peak:16



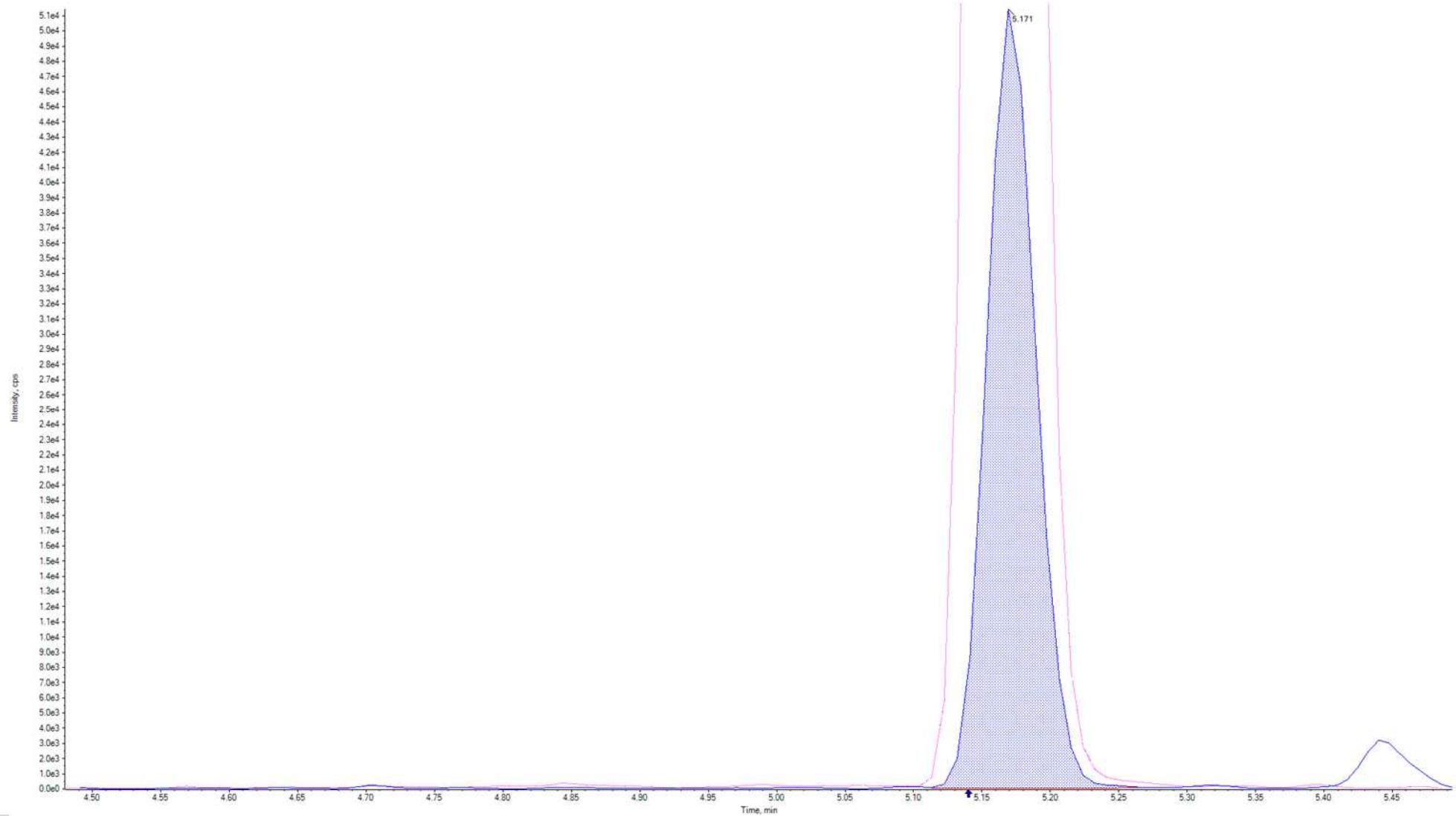
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

4:2FTS
Sample: WG1972379-2,1633LOW S/N:2560.2 Points Across peak:21



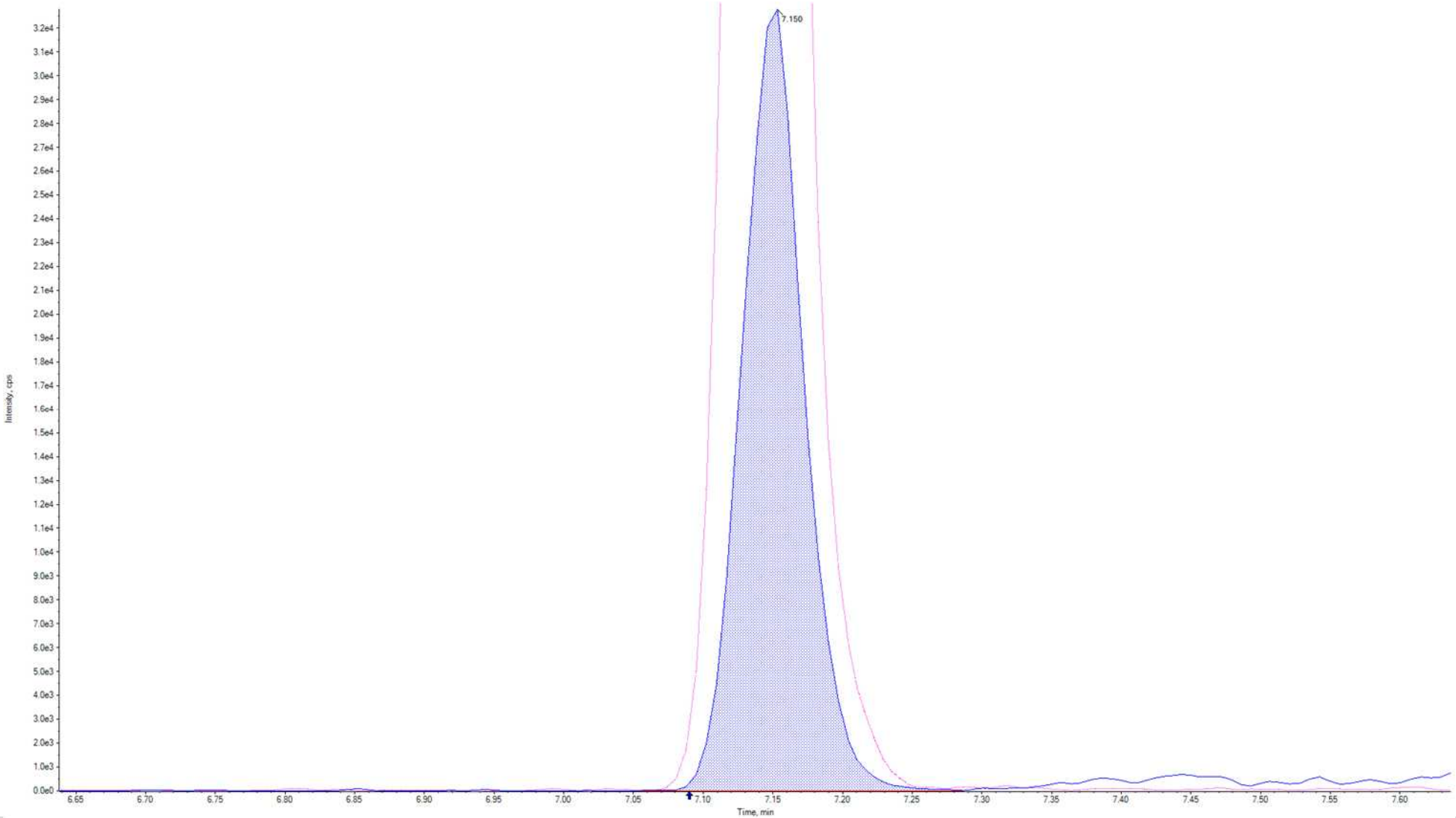
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

4:2FTS_2
Sample: WG1972379-2,1633LOW S/N:3660.9 Points Across peak:20



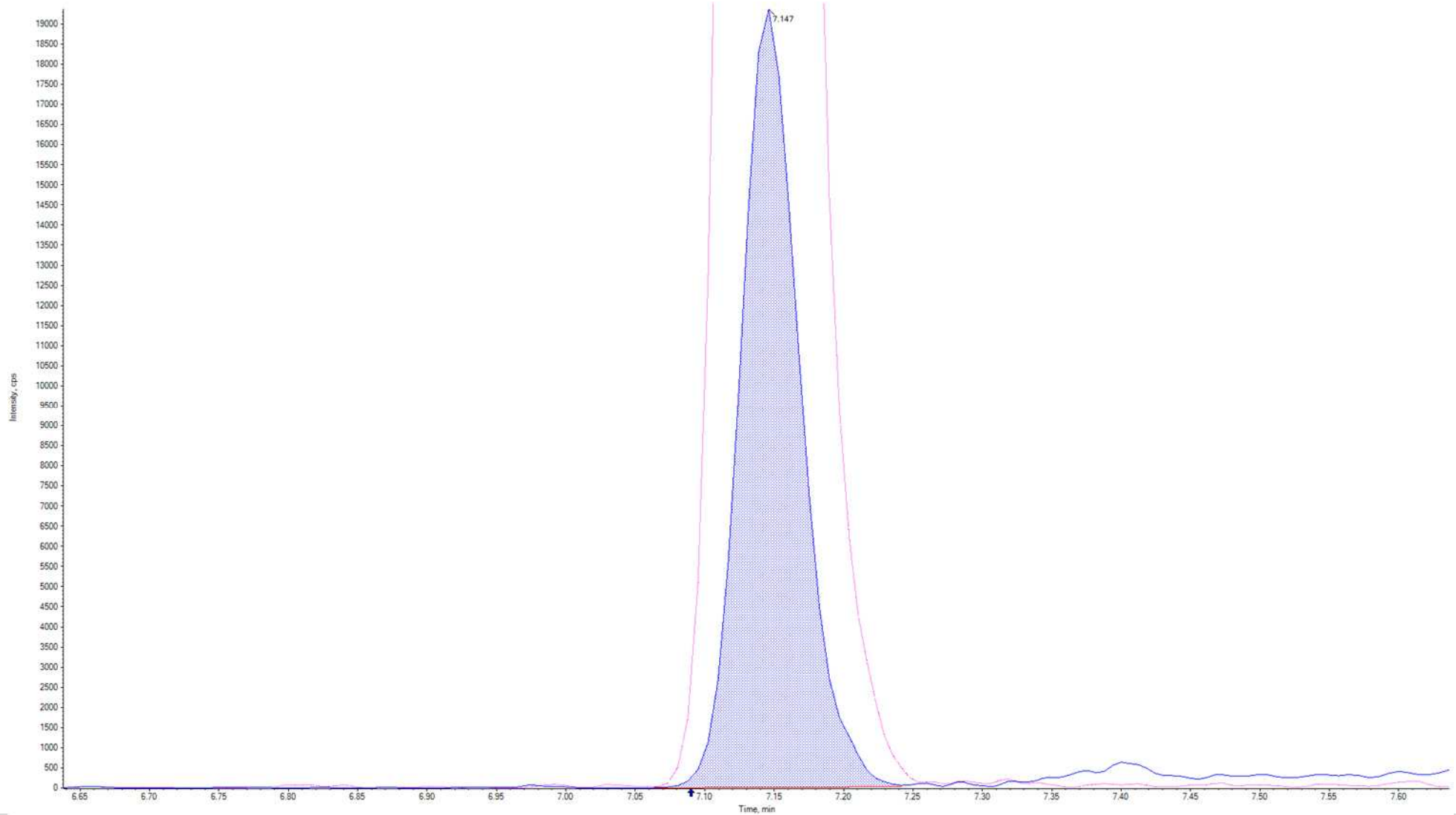
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

6:2FTS
Sample: WG1972379-2,1633LOW S/N:775.2 Points Across peak:37



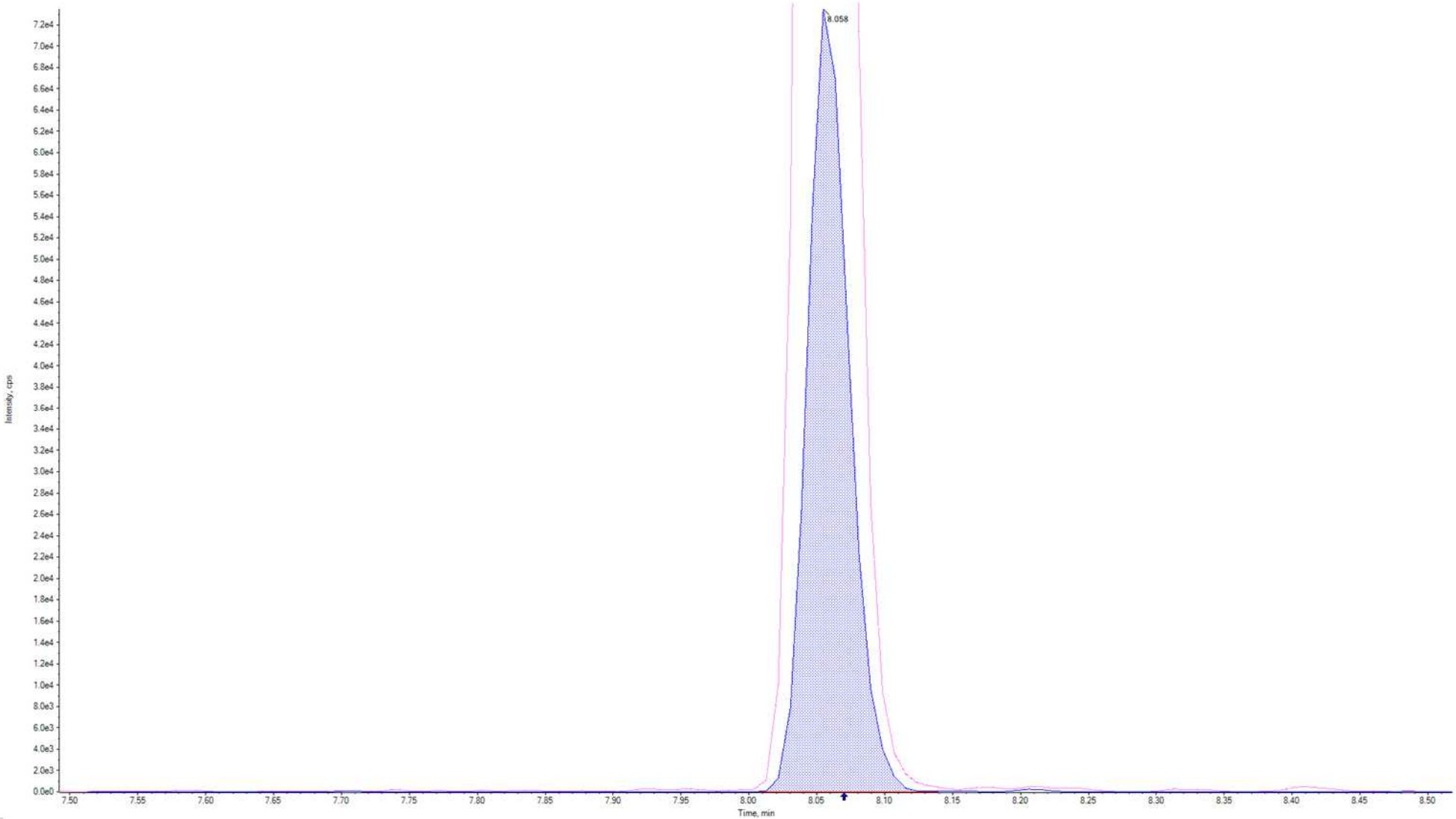
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Generated: 9/17/2024 6:15:27 AM

6:2FTS_2
Sample: WG1972379-2,1633LOW S/N:652302.5 Points Across peak:28



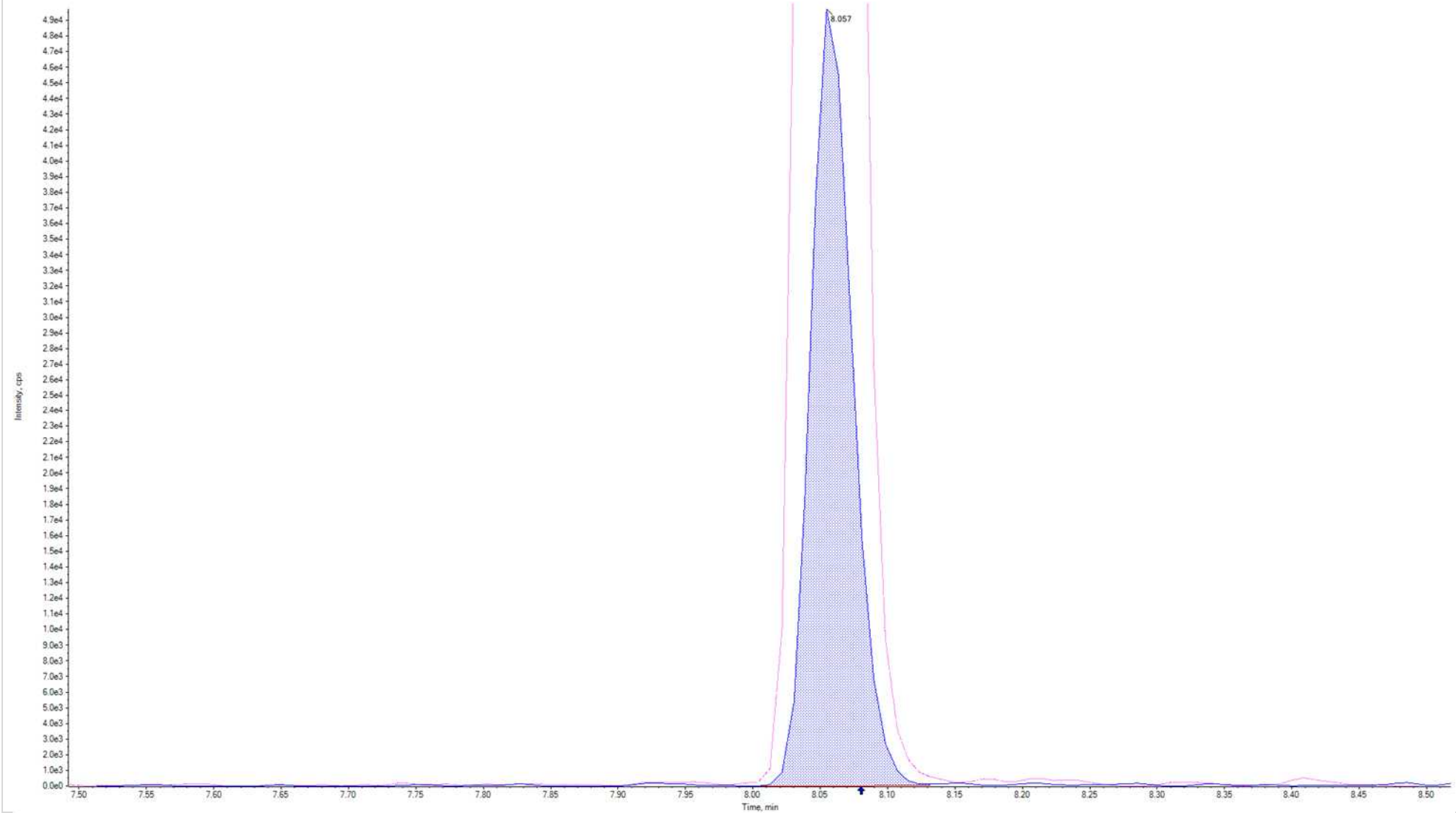
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

8:2FTS
Sample: WG1972379-2,1633LOW S/N:1473.2 Points Across peak:18



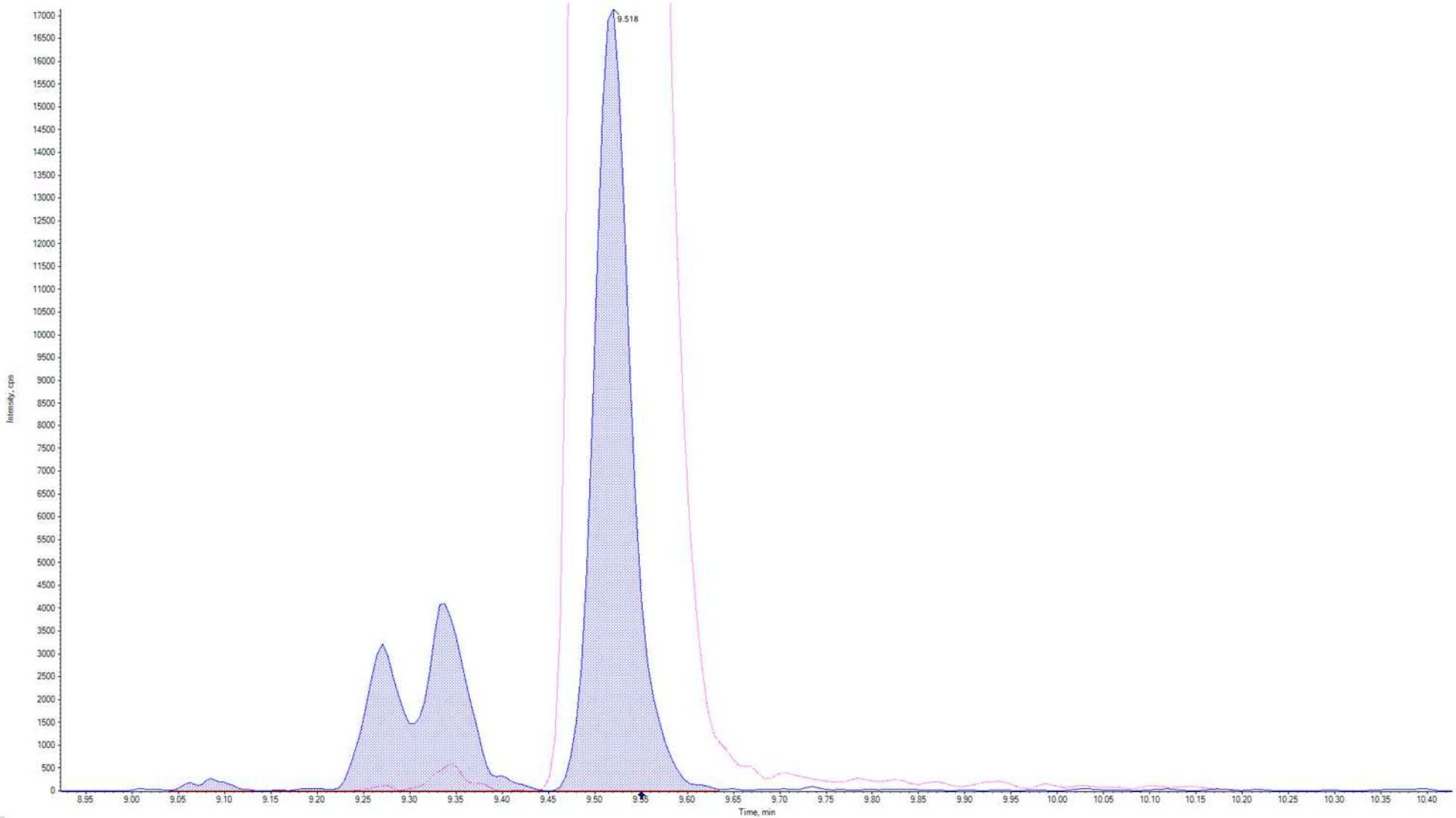
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

8:2FTS_2
Sample: WG1972379-2,1633LOW S/N:7482347.1 Points Across peak:17



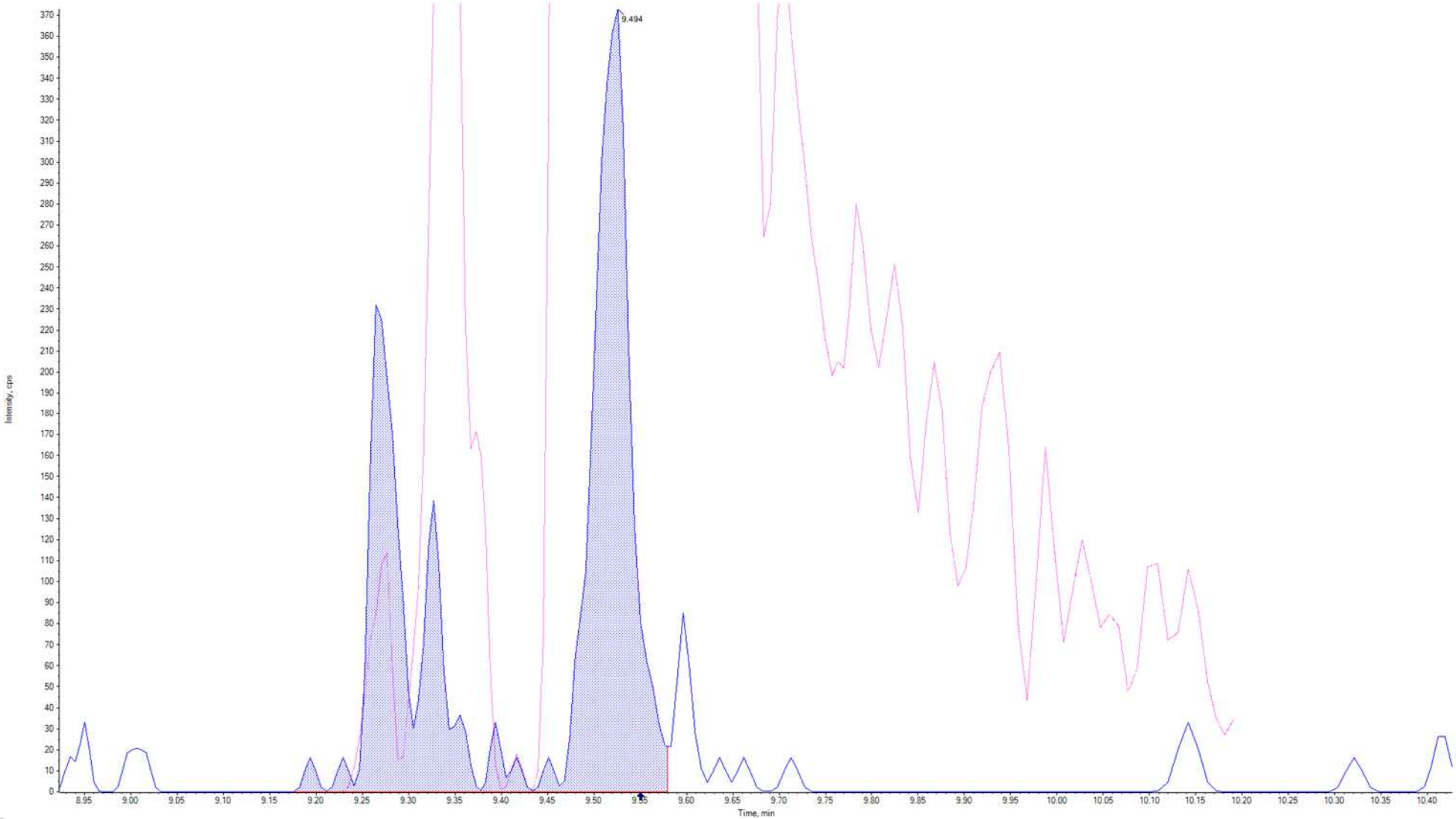
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFOSA
Sample: WG1972379-2,1633LOW S/N:838.4 Points Across peak:108



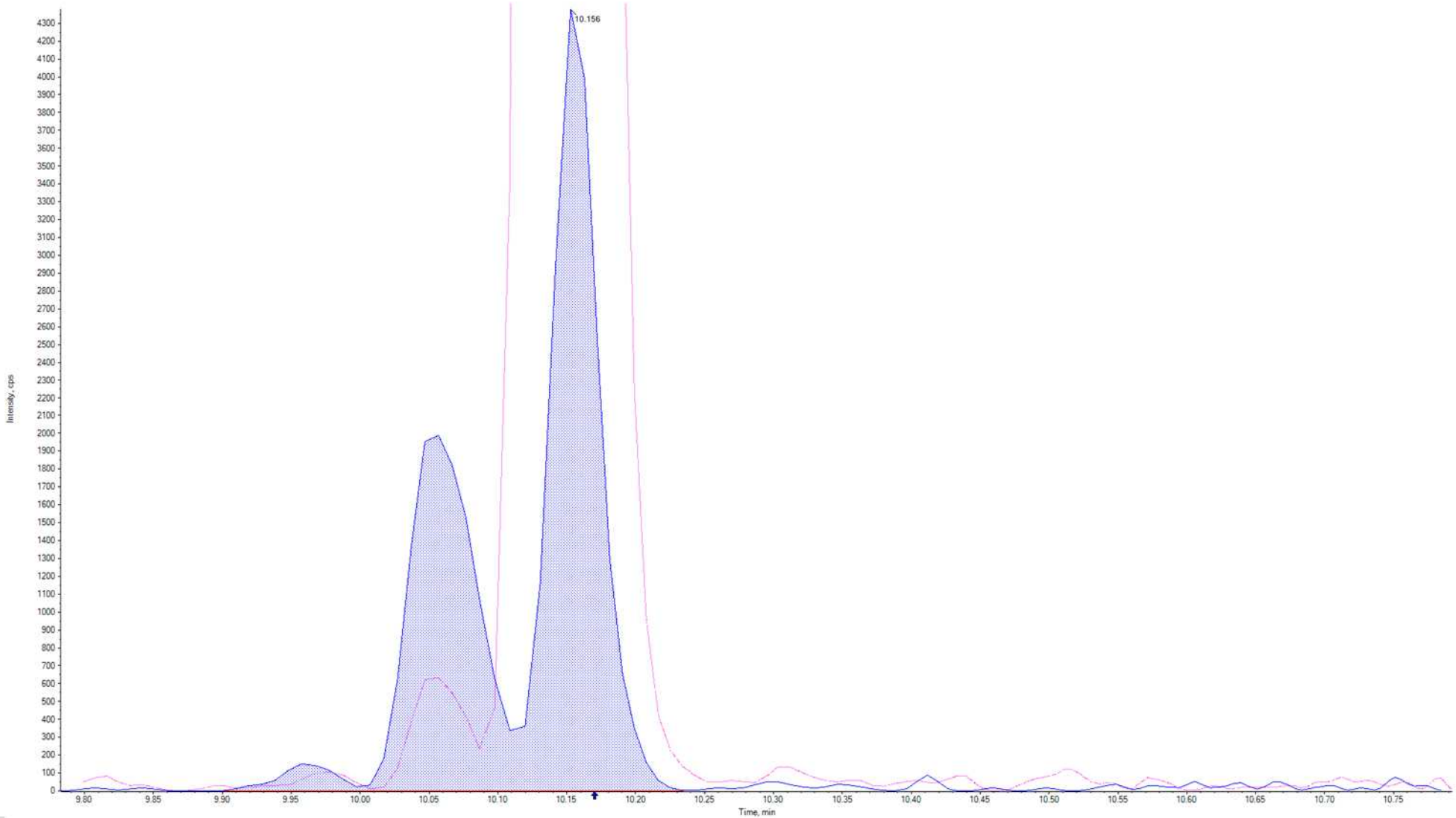
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFOSA_2
Sample: WG1972379-2,1633LOW S/N:167.7 Points Across peak:72



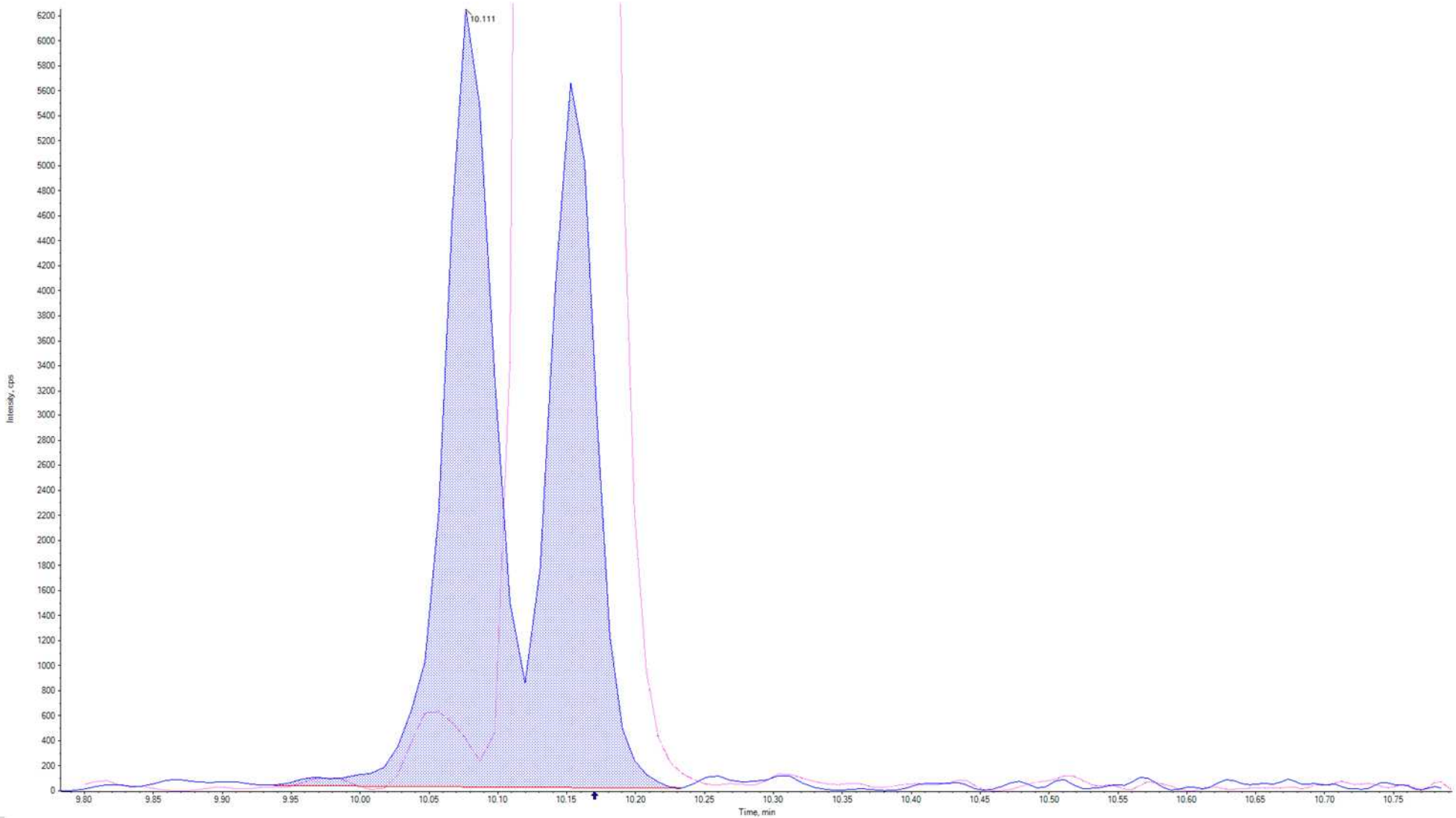
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NMeFOSA
Sample: WG1972379-2,1633LOW S/N:14532.6 Points Across peak:37



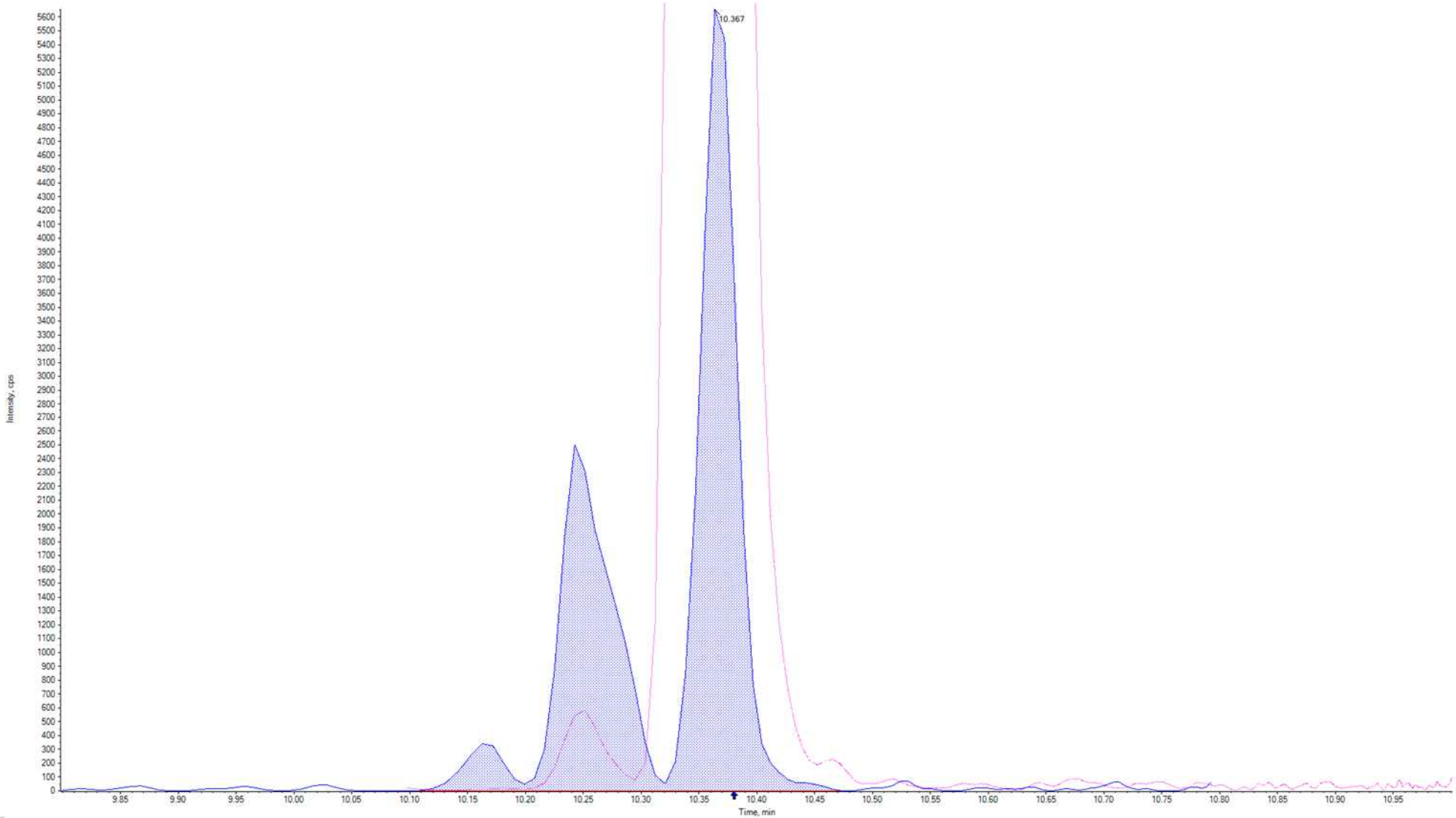
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Alpha Analytical Inc.
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Generated: 9/17/2024 6:15:27 AM

NMeFOSA_2
Sample: WG1972379-2,1633LOW S/N:925.3 Points Across peak:32



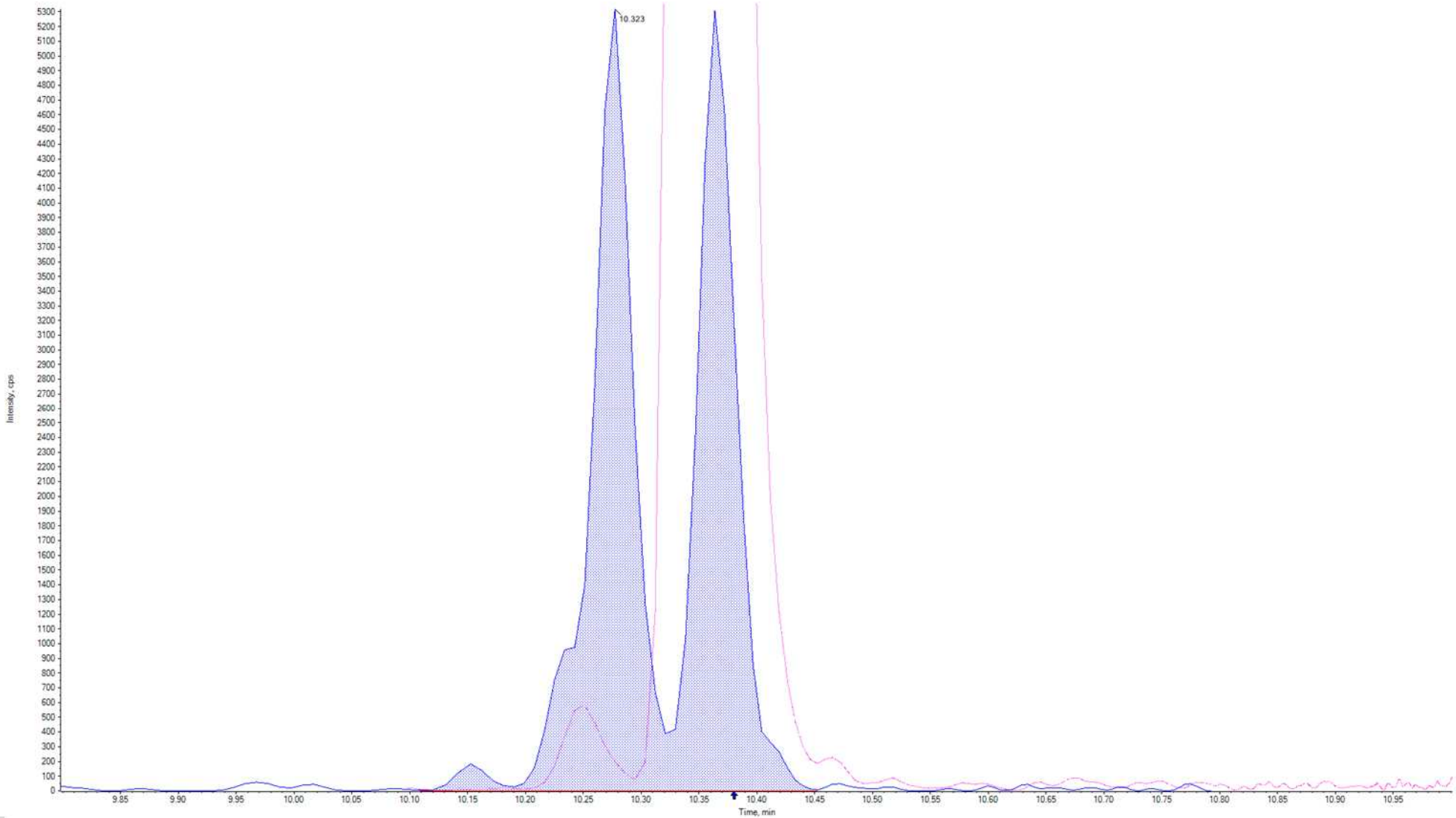
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSA
Sample: WG1972379-2,1633LOW S/N:18866.6 Points Across peak:46



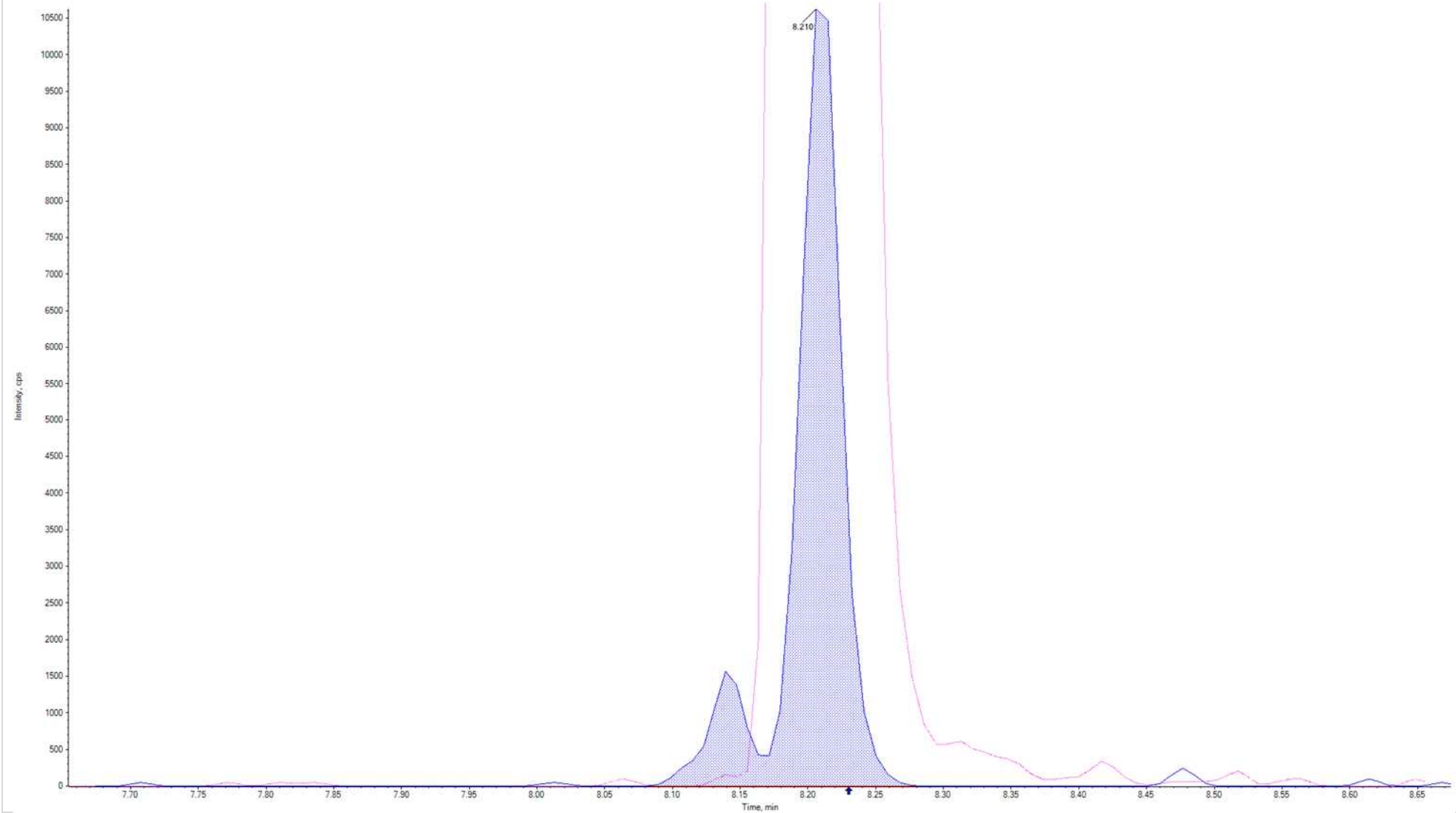
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSA_2
Sample: WG1972379-2,1633LOW S/N:19863.3 Points Across peak:41



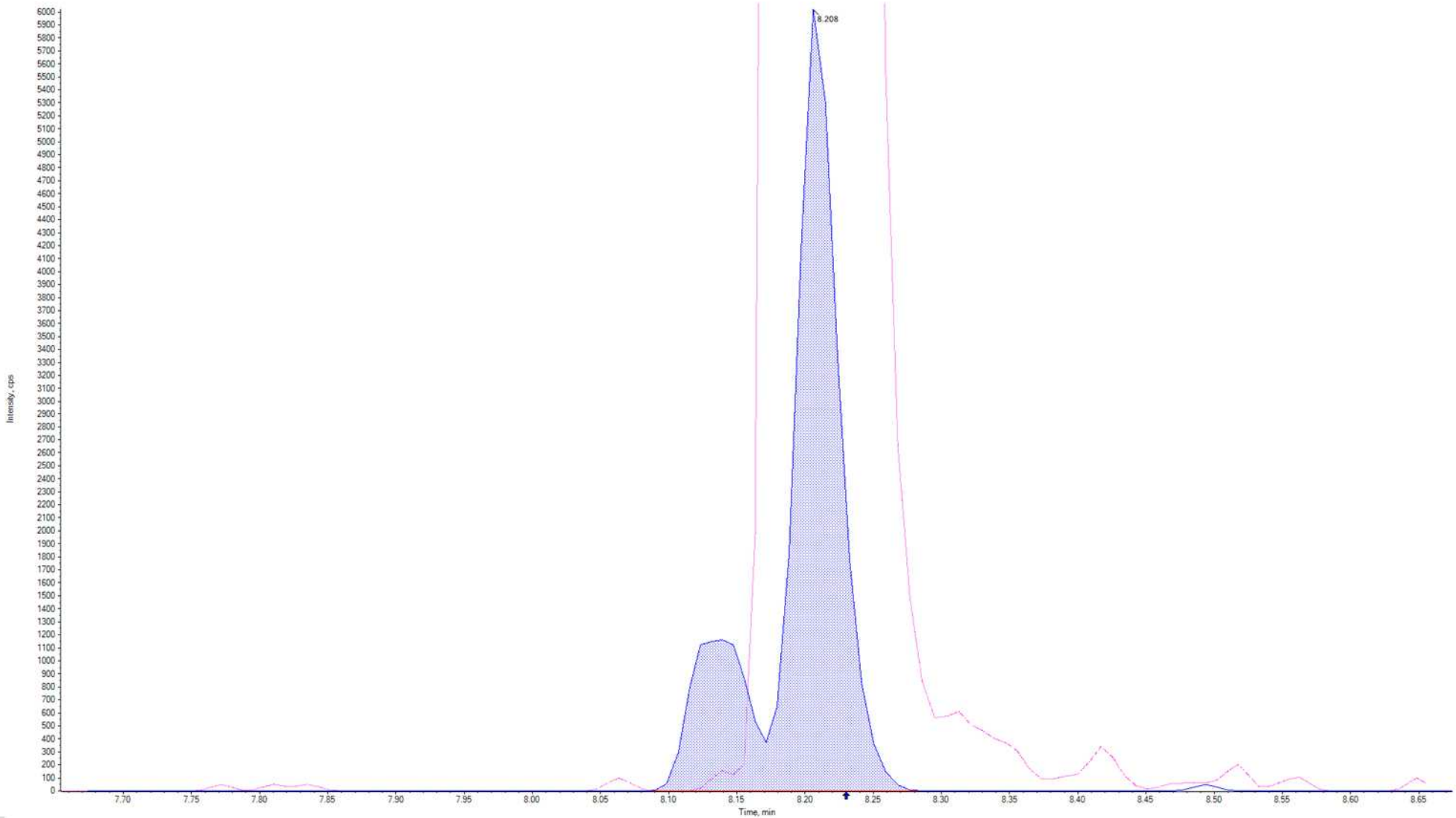
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSAA
Sample: WG1972379-2,1633LOW S/N:379.8 Points Across peak:31



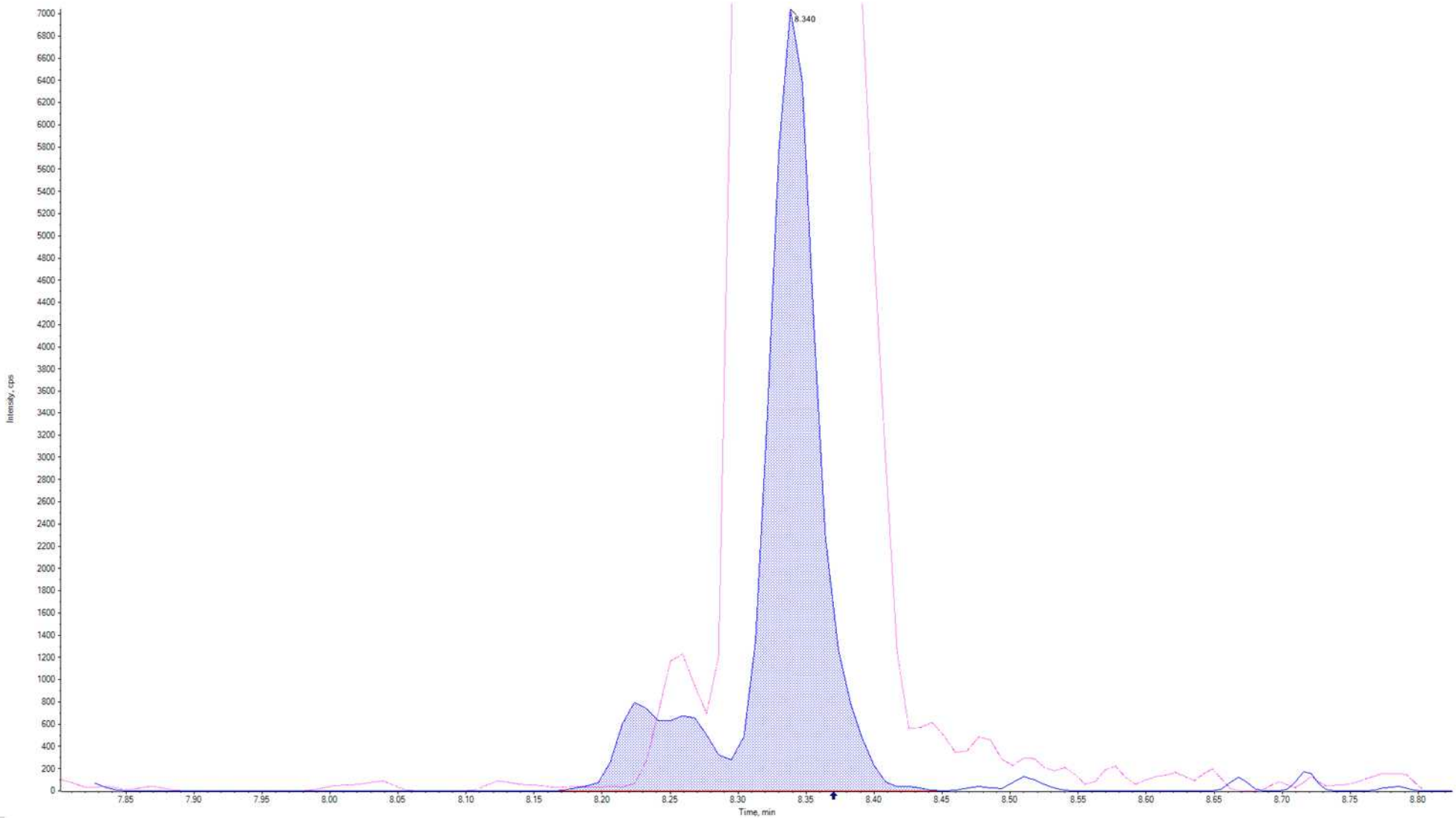
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSAA_2
Sample: WG1972379-2,1633LOW S/N:86797.5 Points Across peak:34



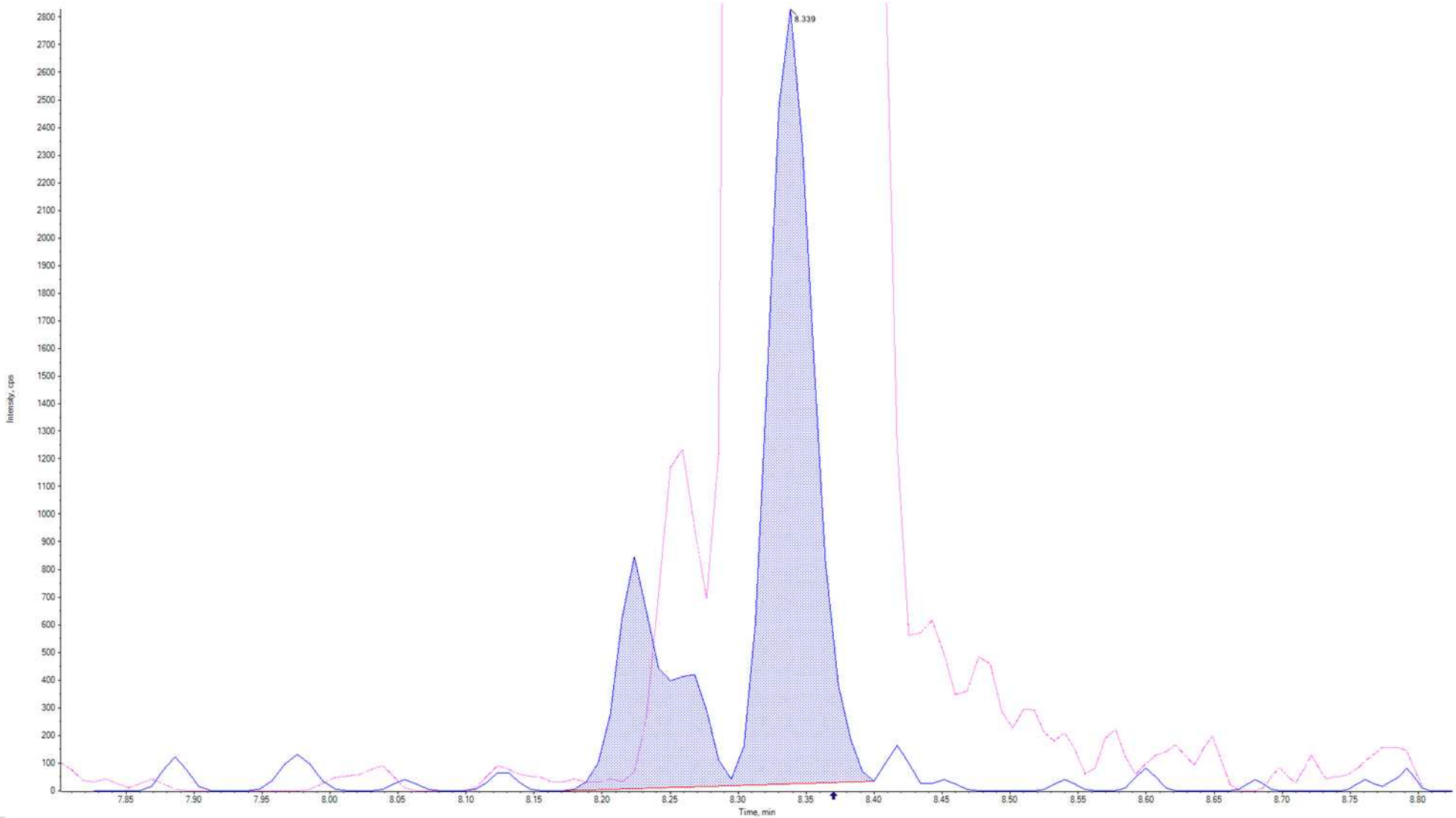
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSAA
Sample: WG1972379-2,1633LOW S/N:270.6 Points Across peak:35



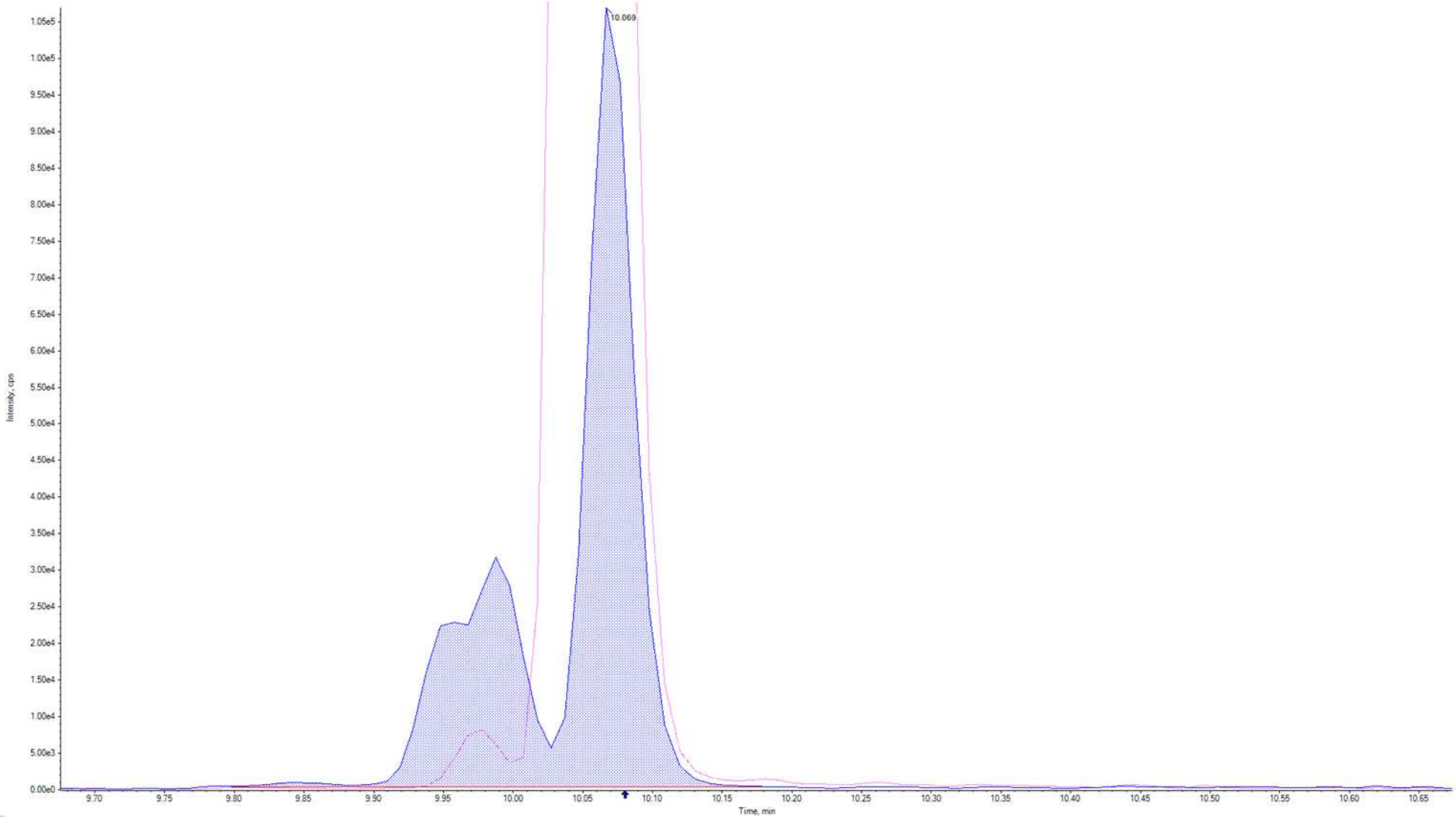
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSAA_2
Sample: WG1972379-2,1633LOW S/N:98.3 Points Across peak:27



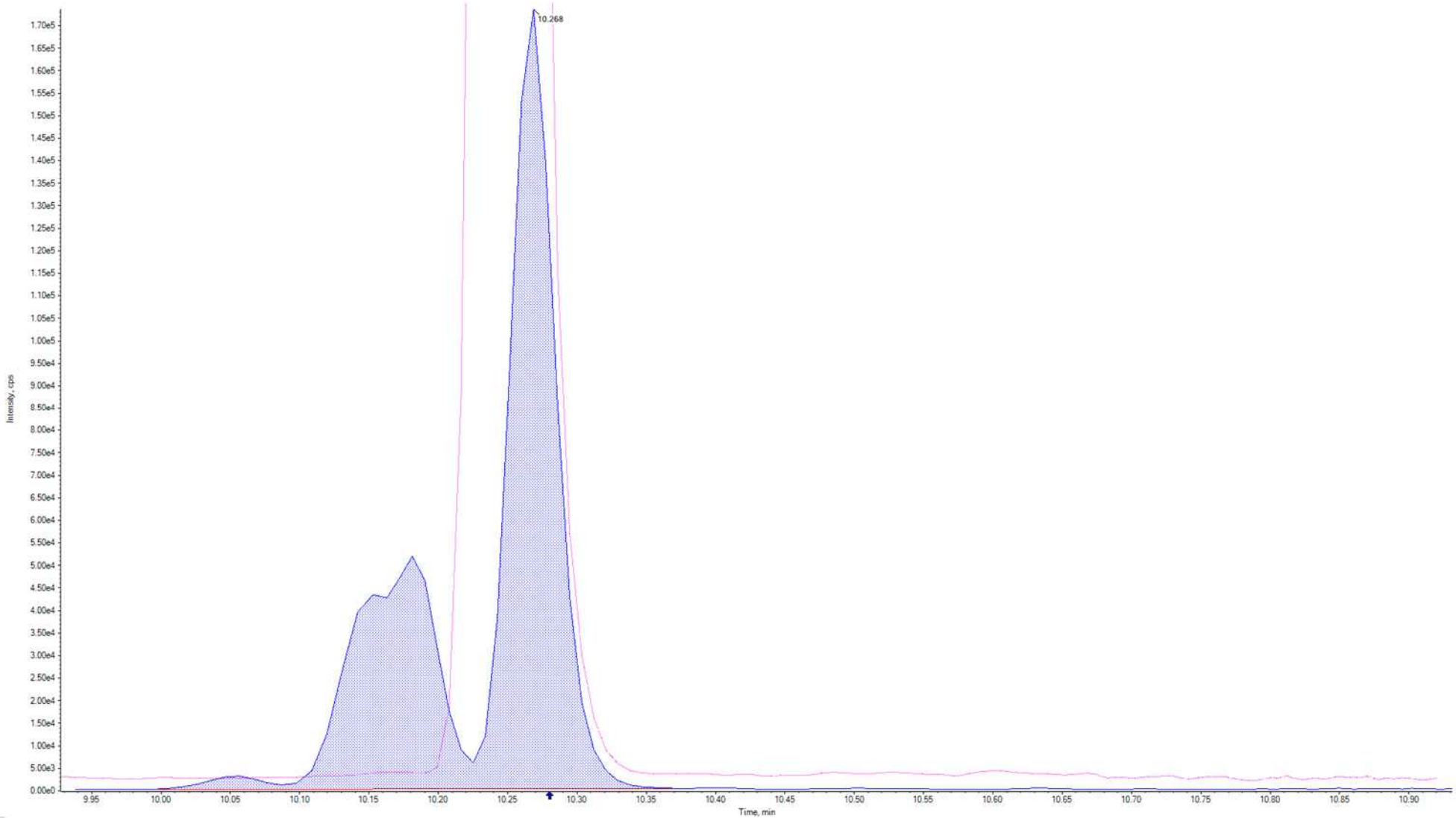
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSE
Sample: WG1972379-2,1633LOW S/N:692.1 Points Across peak:43



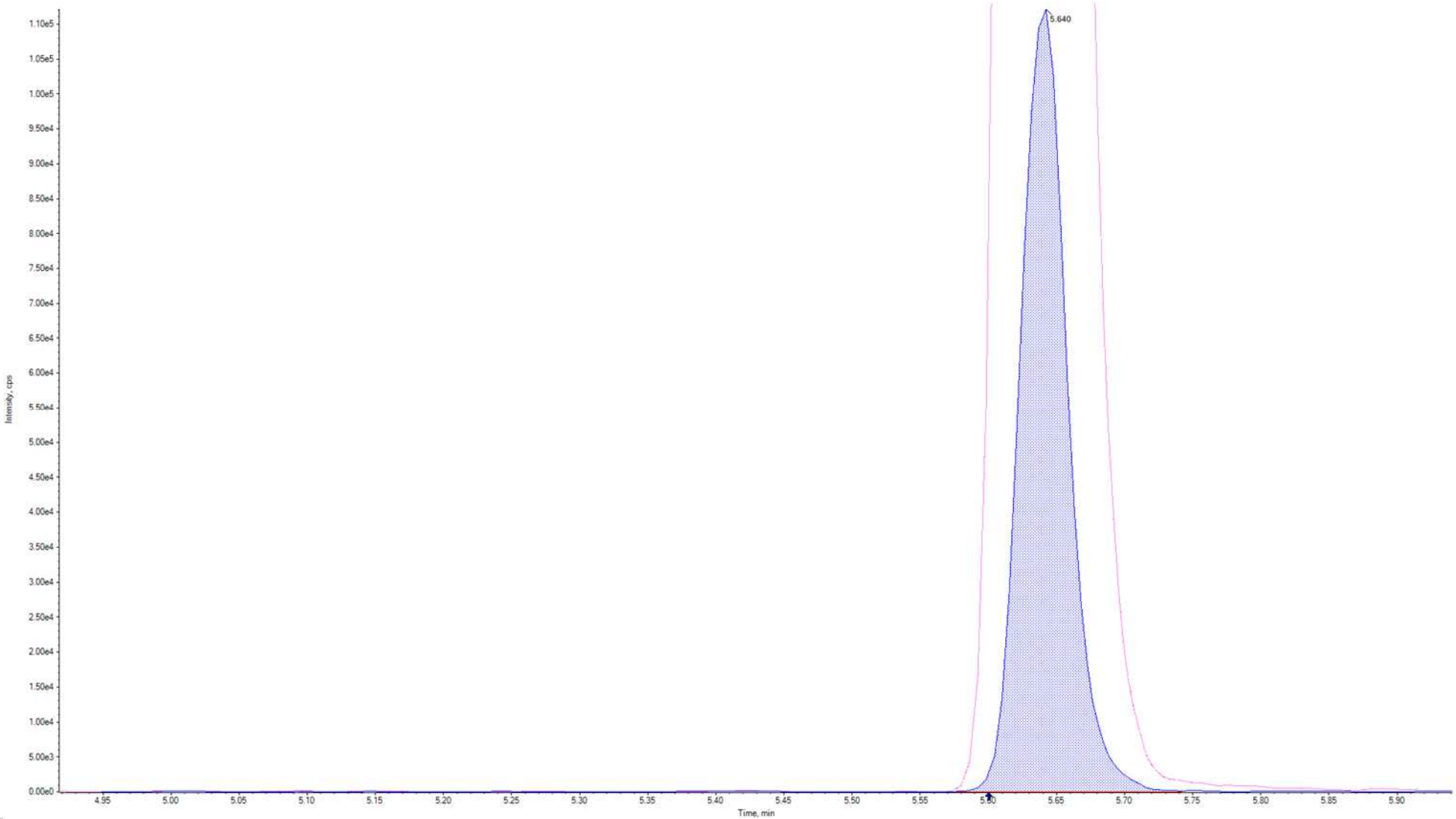
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSE
Sample: WG1972379-2,1633LOW S/N:815.5 Points Across peak:43



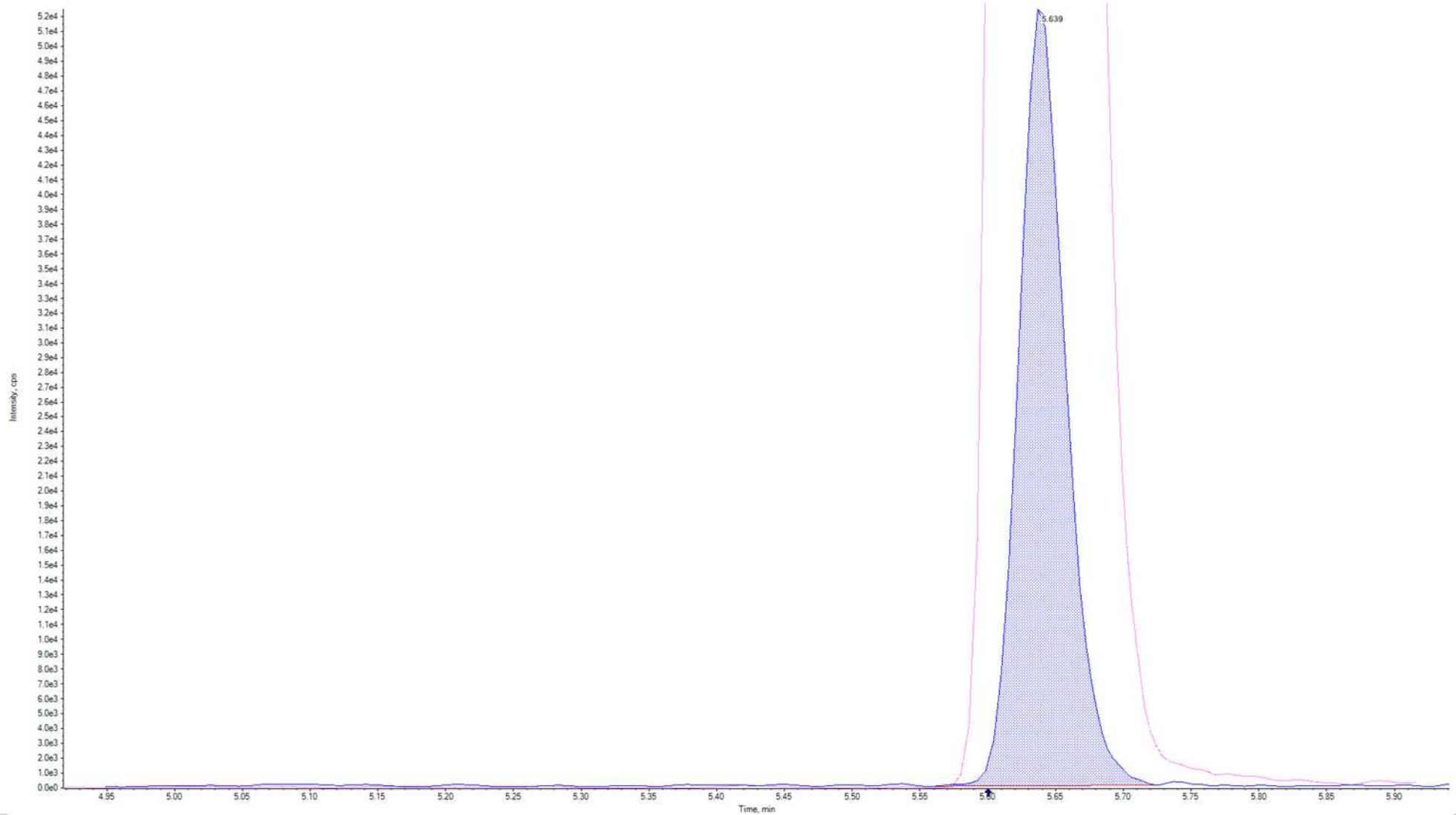
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

HFPO-DA
Sample: WG1972379-2,1633LOW S/N:4831.2 Points Across peak:42



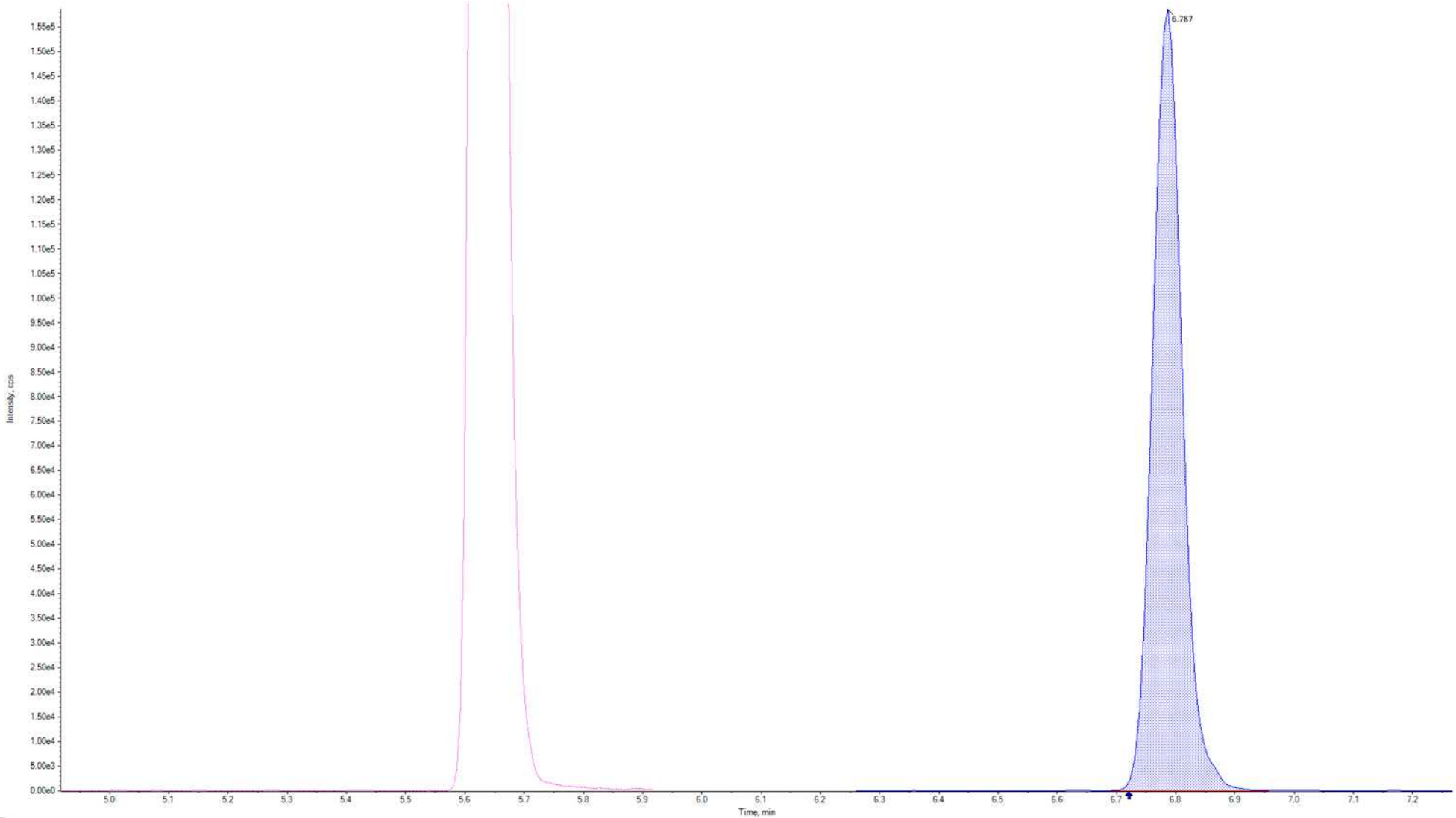
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

HFPO-DA_2
Sample: WG1972379-2,1633LOW S/N:1114.4 Points Across peak:35



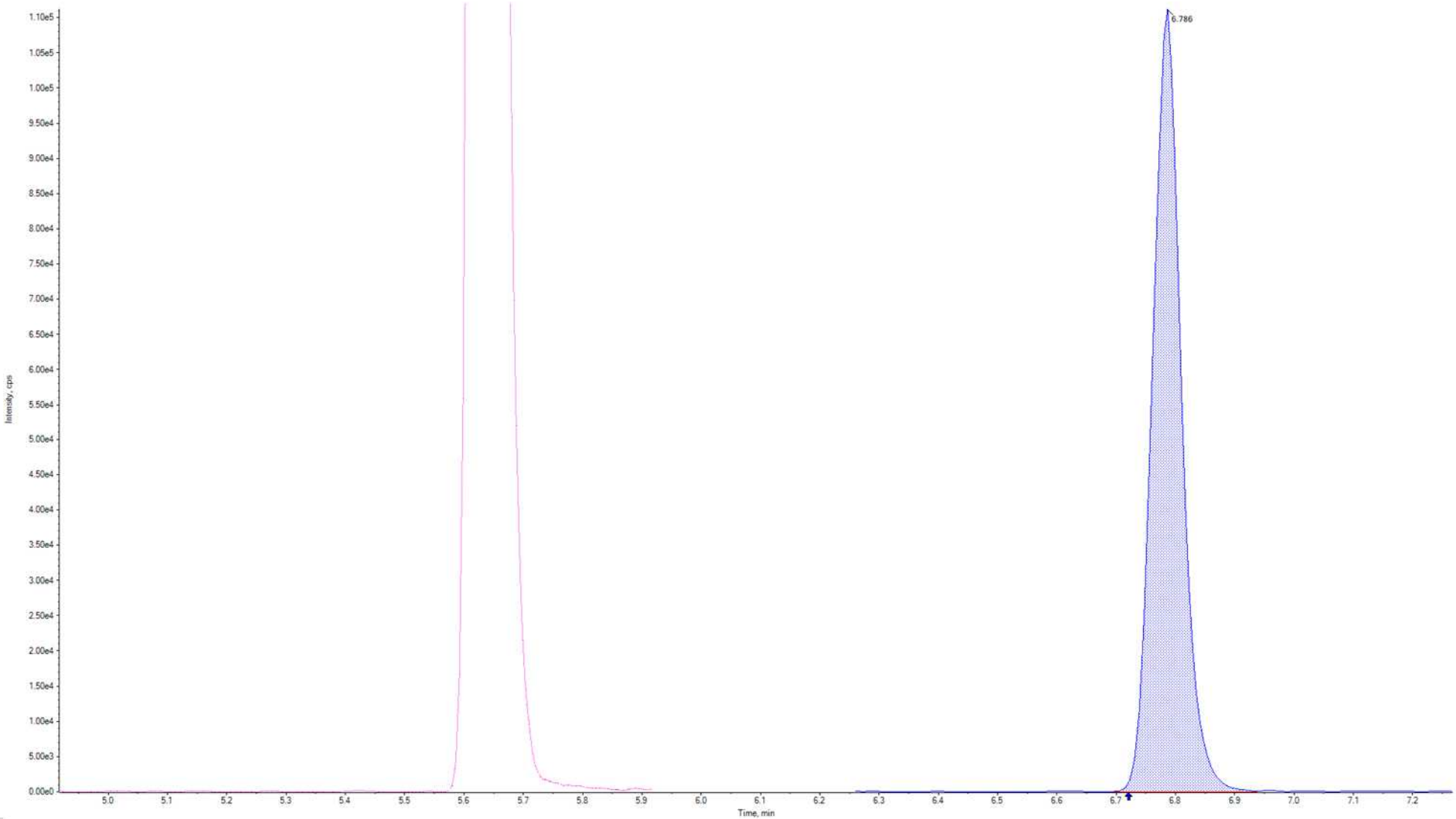
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

ADONA
Sample: WG1972379-2,1633LOW S/N:13928.3 Points Across peak:42



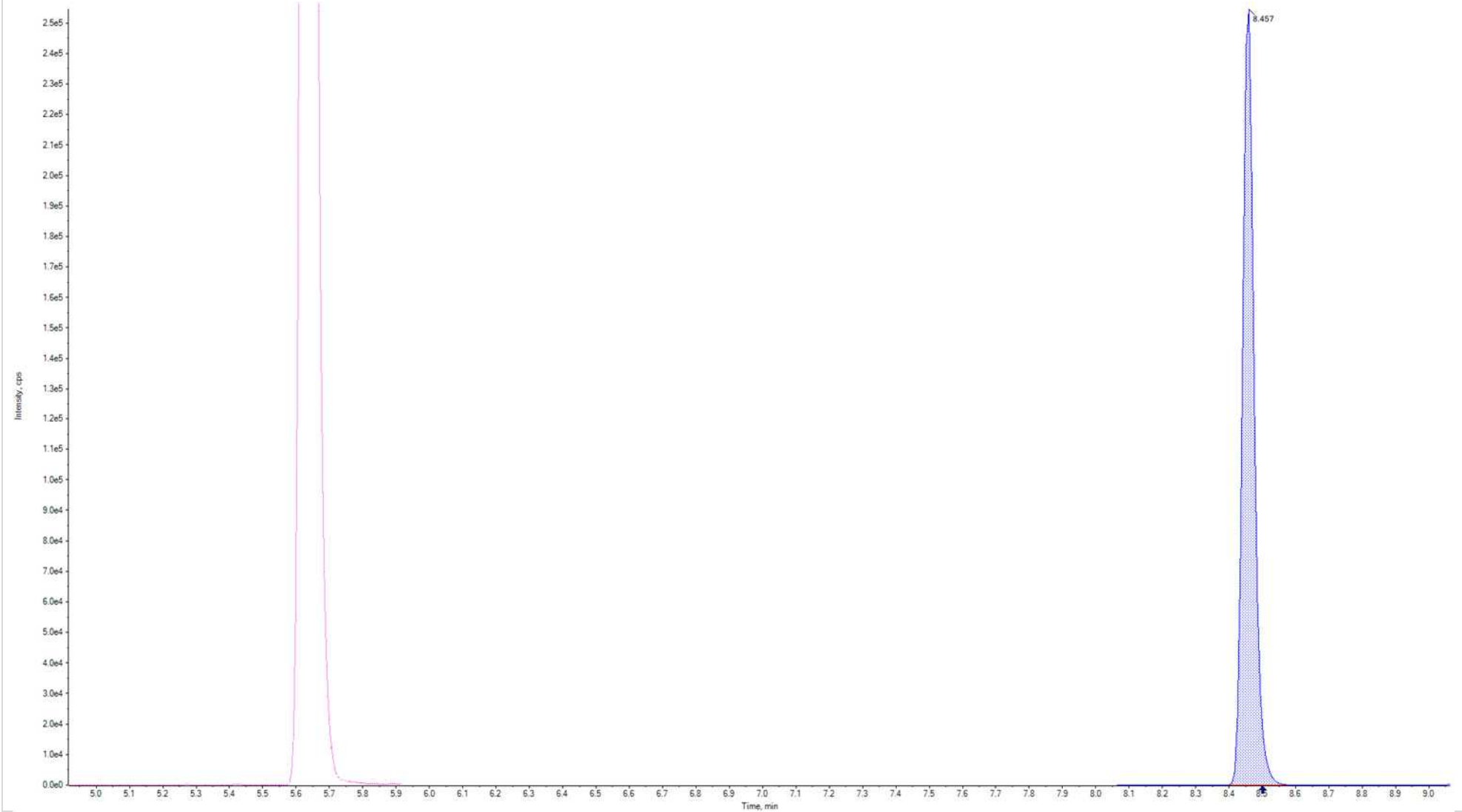
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

ADONA_2
Sample: WG1972379-2,1633LOW S/N:7153.4 Points Across peak:41



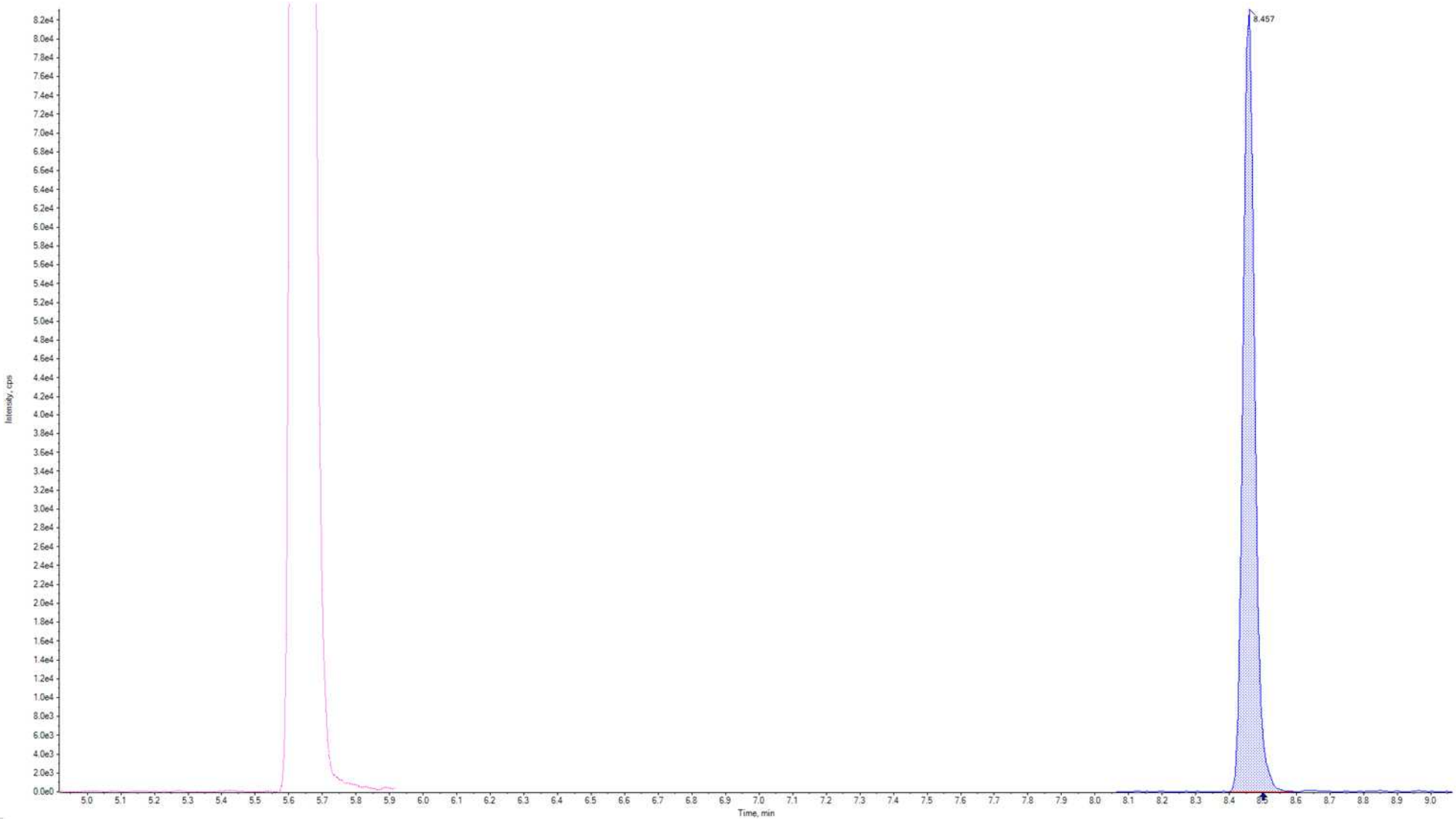
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

9Cl-PF3ONS
Sample: WG1972379-2,1633LOW S/N:1727857.7 Points Across peak:31



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

9Cl-PF3ONS_2
Sample: WG1972379-2,1633LOW S/N:75588.0 Points Across peak:27



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

11Cl-PF3OUdS
Sample: WG1972379-2,1633LOW S/N:2903.9 Points Across peak:46



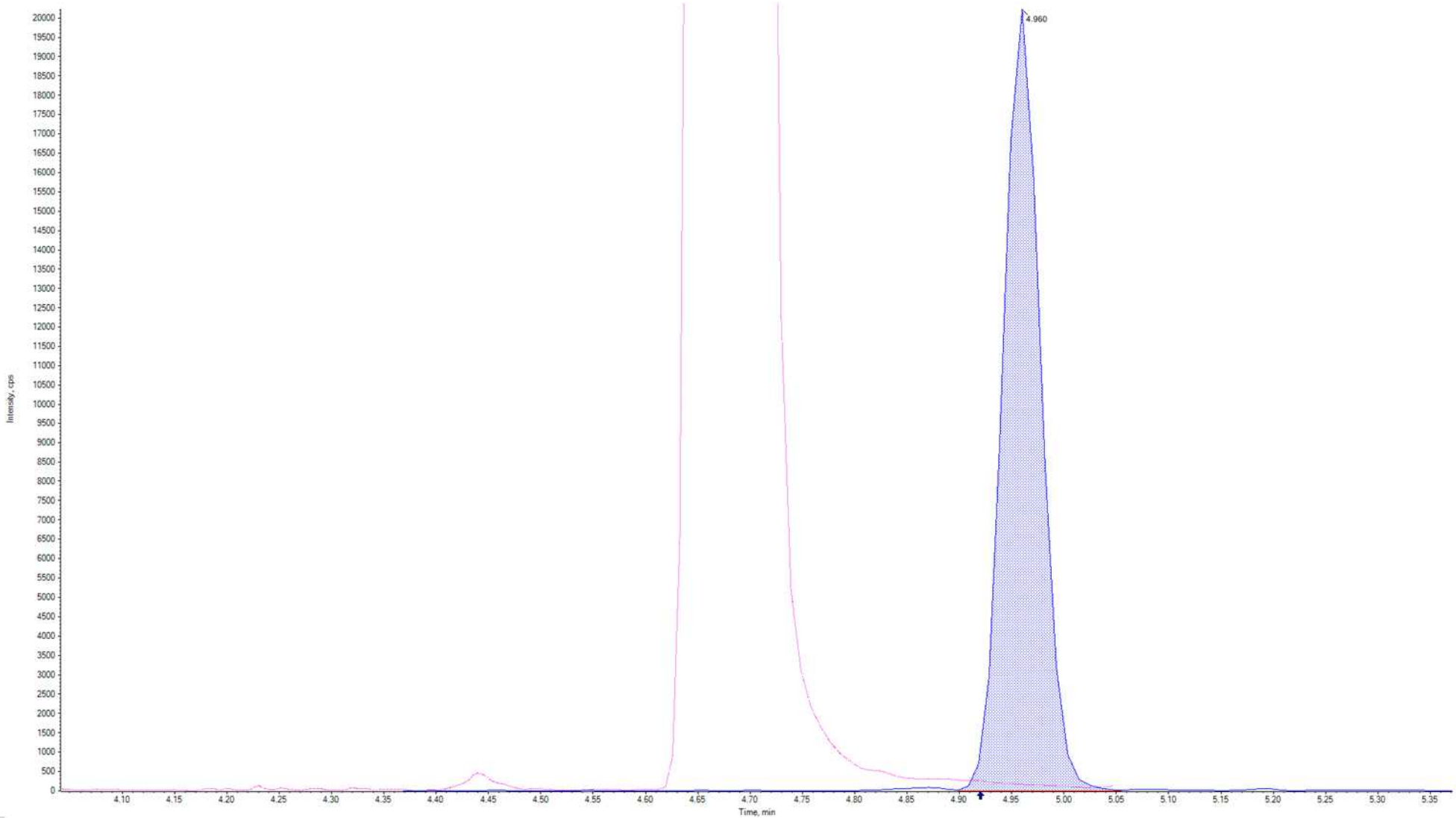
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

11Cl-PF3OUdS_2
Sample: WG1972379-2,1633LOW S/N:2617.1 Points Across peak:39



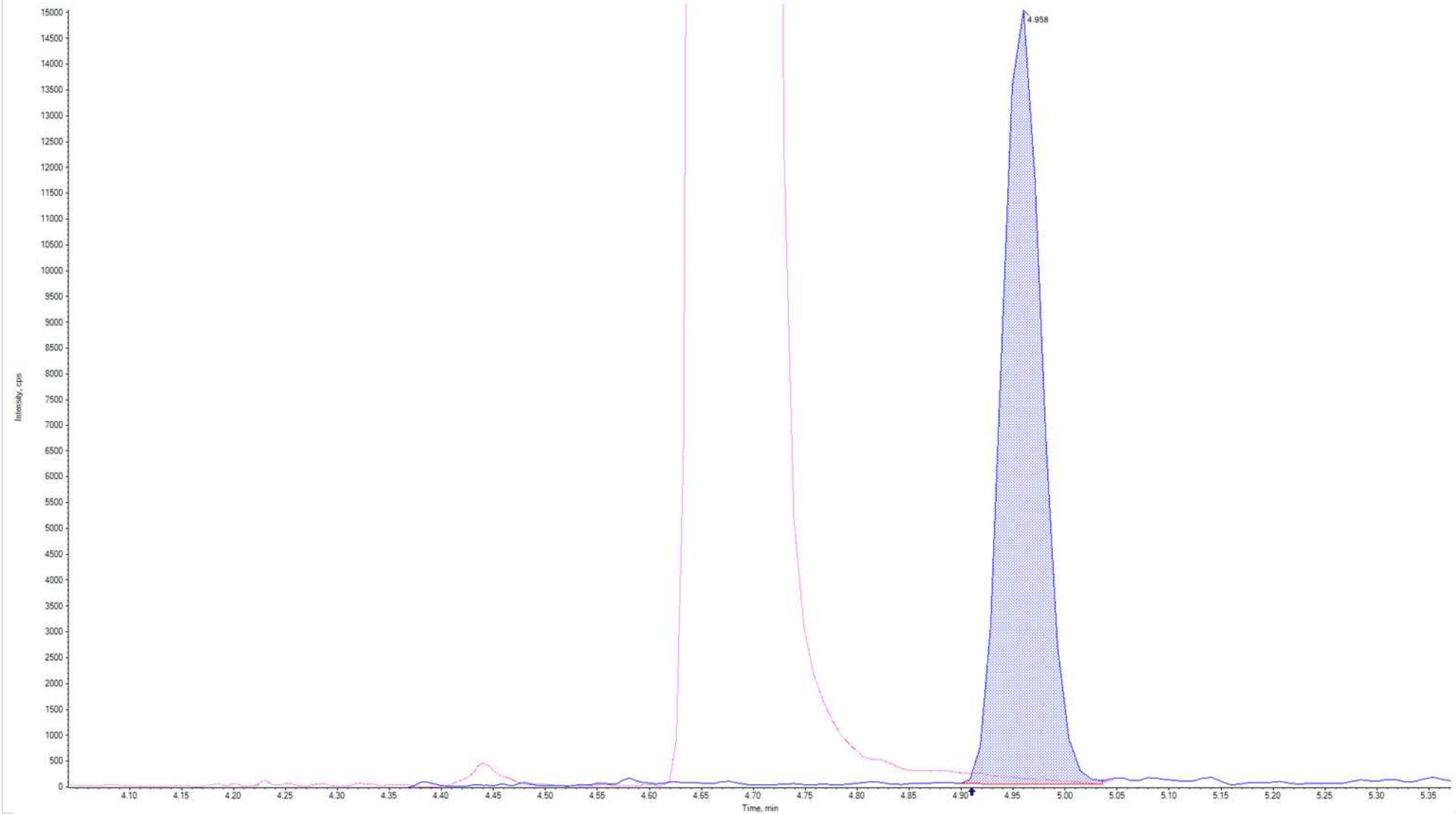
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

3:3FTCA
Sample: WG1972379-2,1633LOW S/N:1494.1 Points Across peak:16



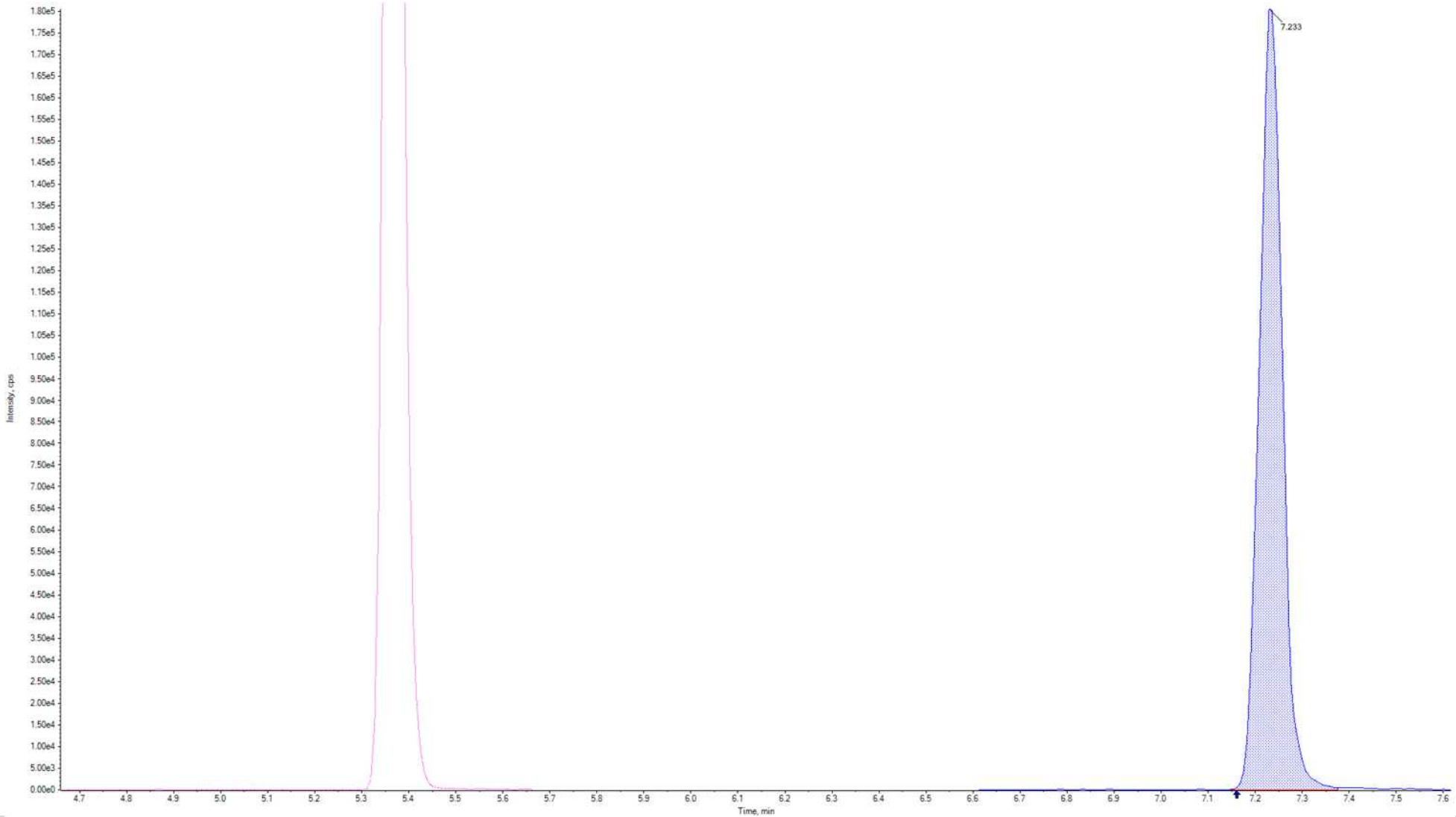
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

3:3FTCA_2
Sample: WG1972379-2,1633LOW S/N:1192.3 Points Across peak:14



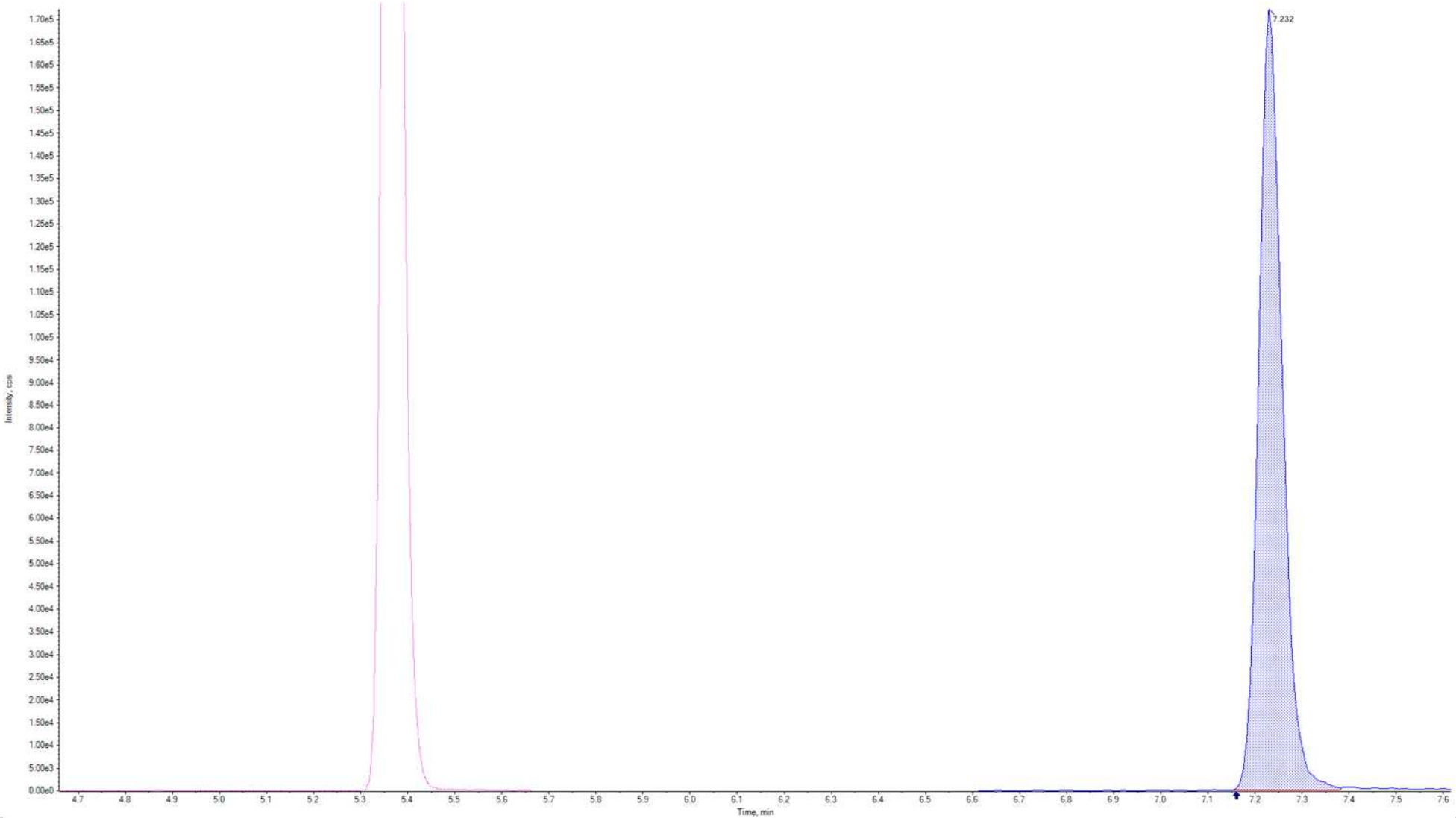
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

5:3FTCA
Sample: WG1972379-2,1633LOW S/N:10214.6 Points Across peak:42



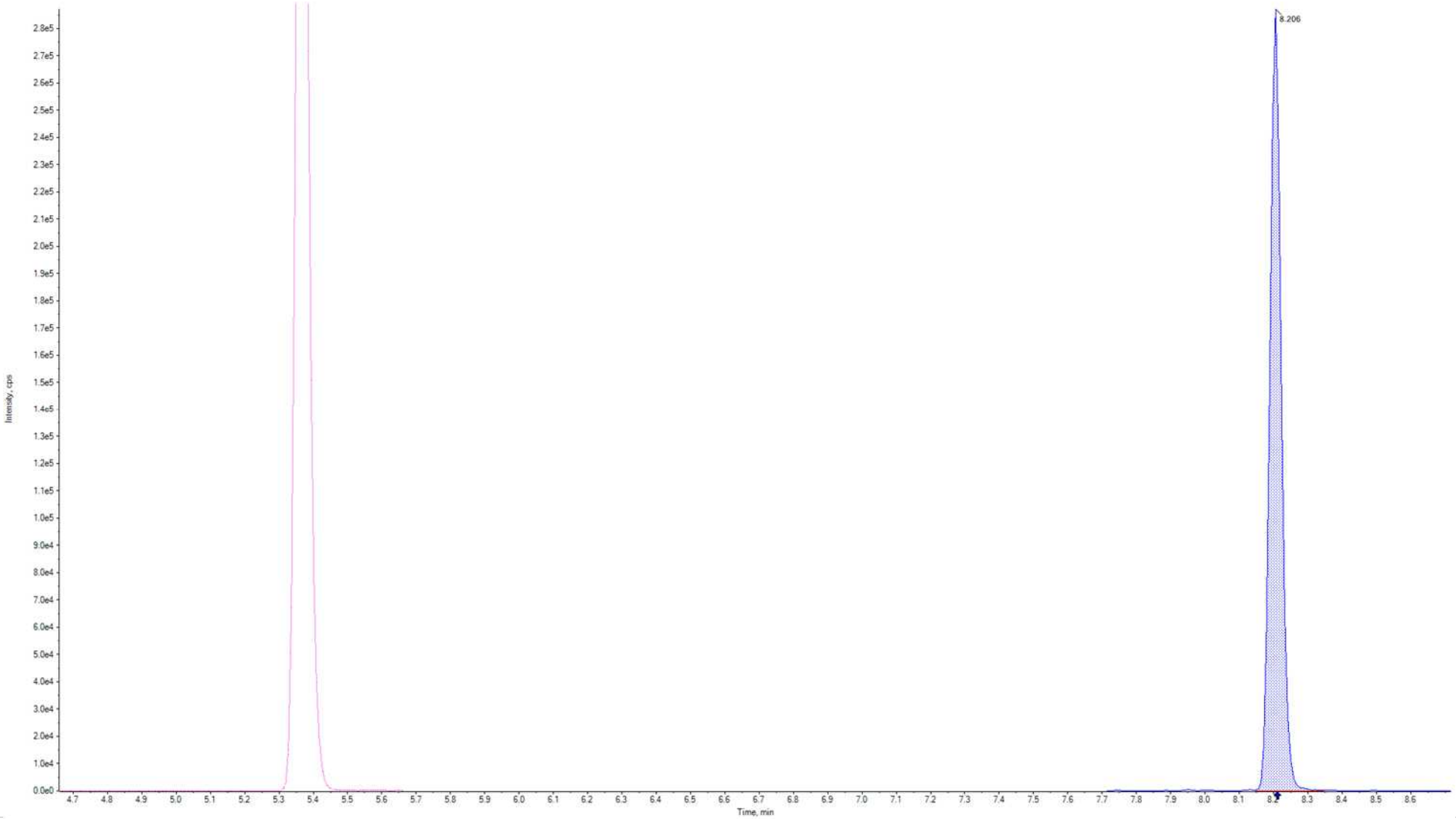
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

5:3FTCA_2
Sample: WG1972379-2,1633LOW S/N:4630.6 Points Across peak:43



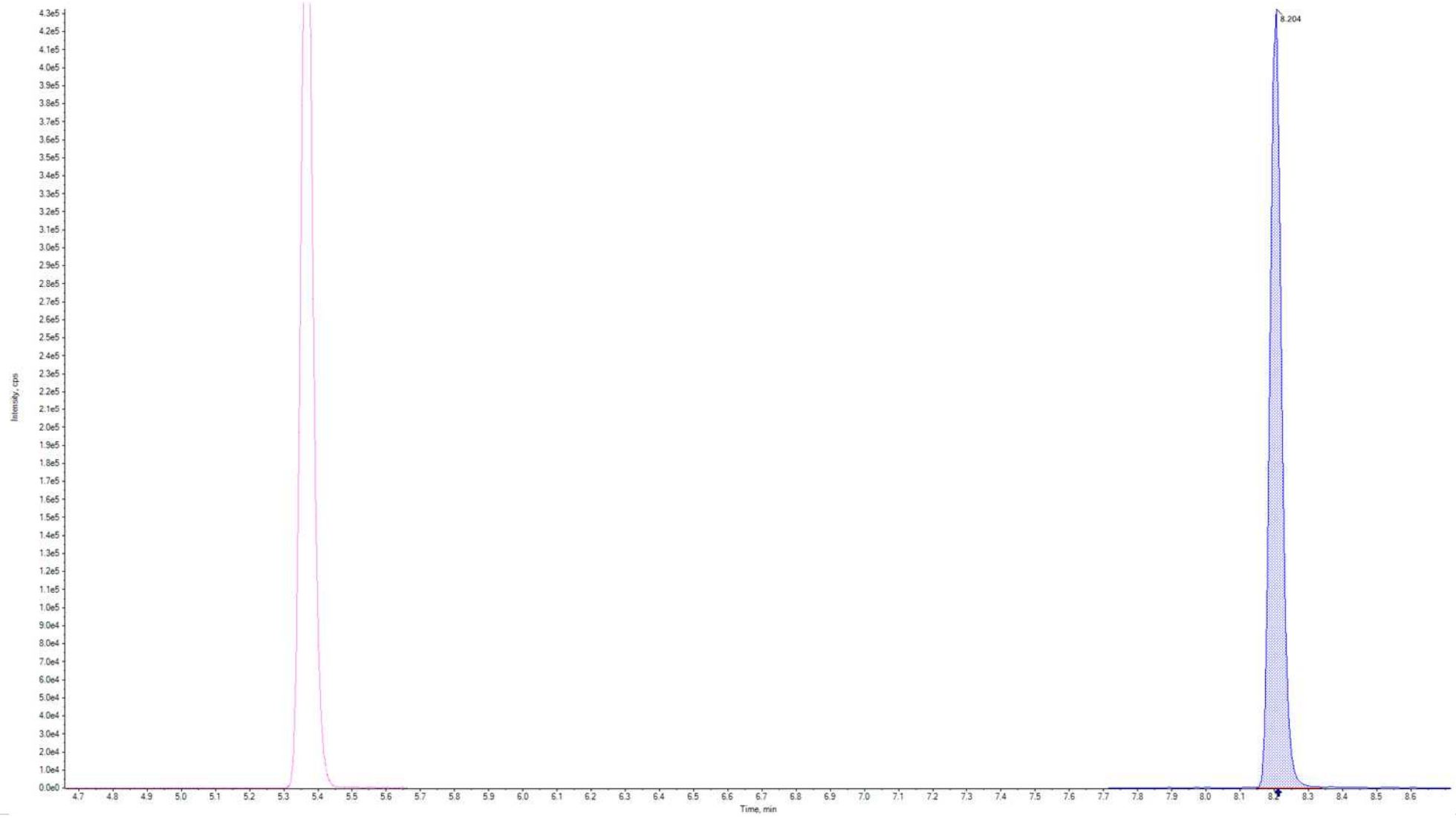
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

7:3FTCA
Sample: WG1972379-2,1633LOW S/N:1923047.5 Points Across peak:24



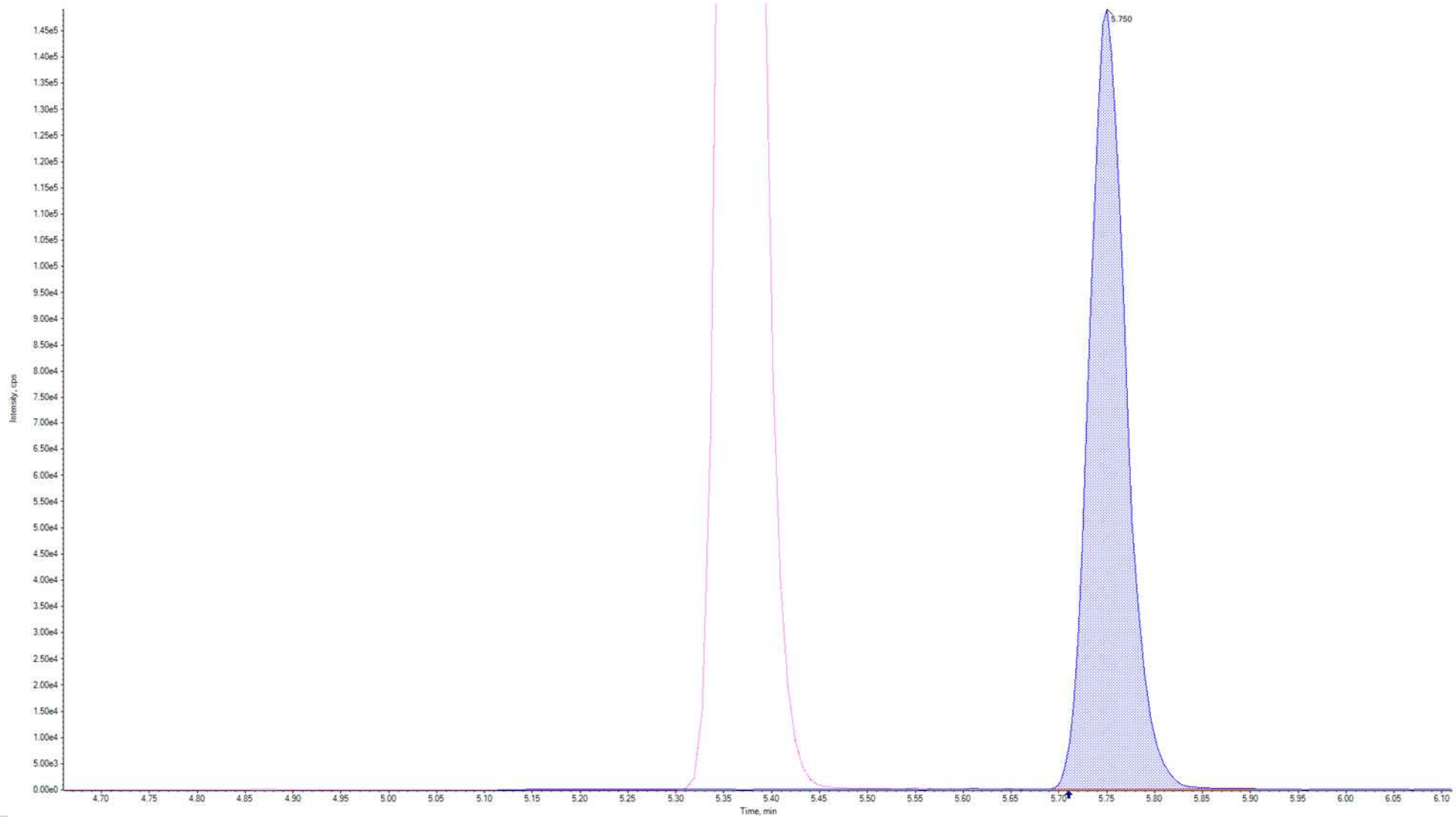
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

7:3FTCA_2
Sample: WG1972379-2,1633LOW S/N:9412.8 Points Across peak:23



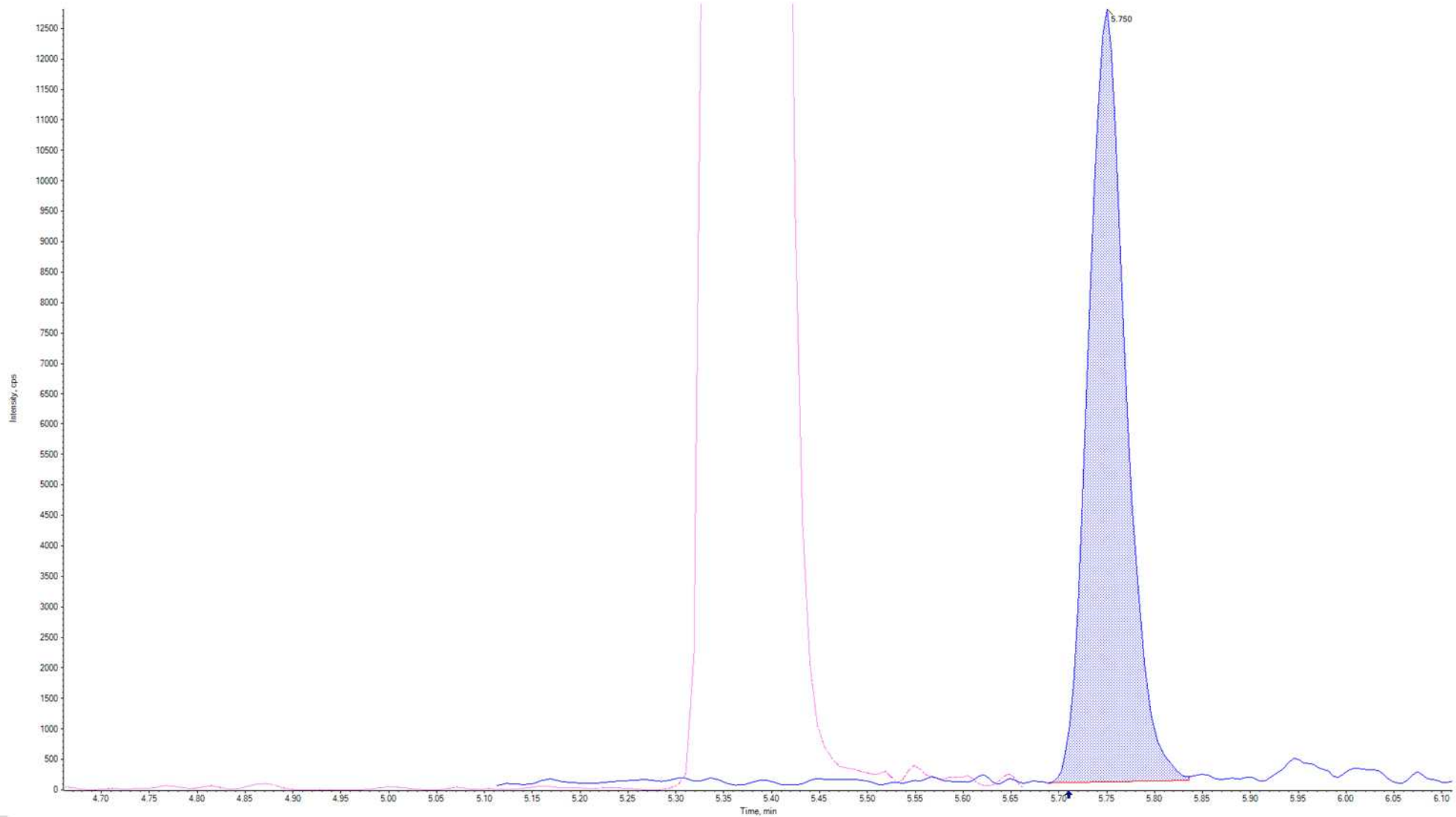
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFEESA
Sample: WG1972379-2,1633LOW S/N:3306.5 Points Across peak:42



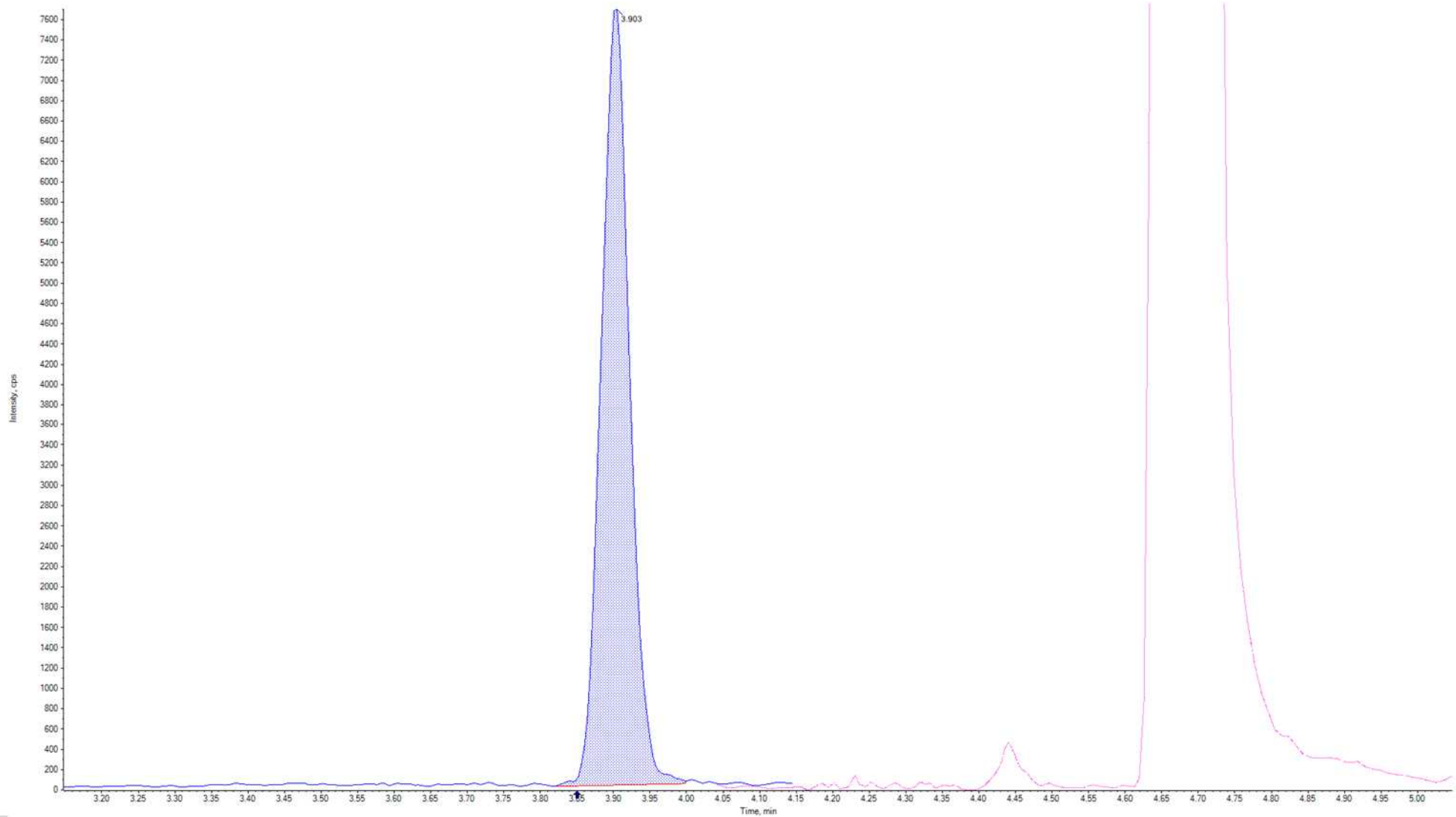
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFEESA_2
Sample: WG1972379-2,1633LOW S/N:559.2 Points Across peak:31



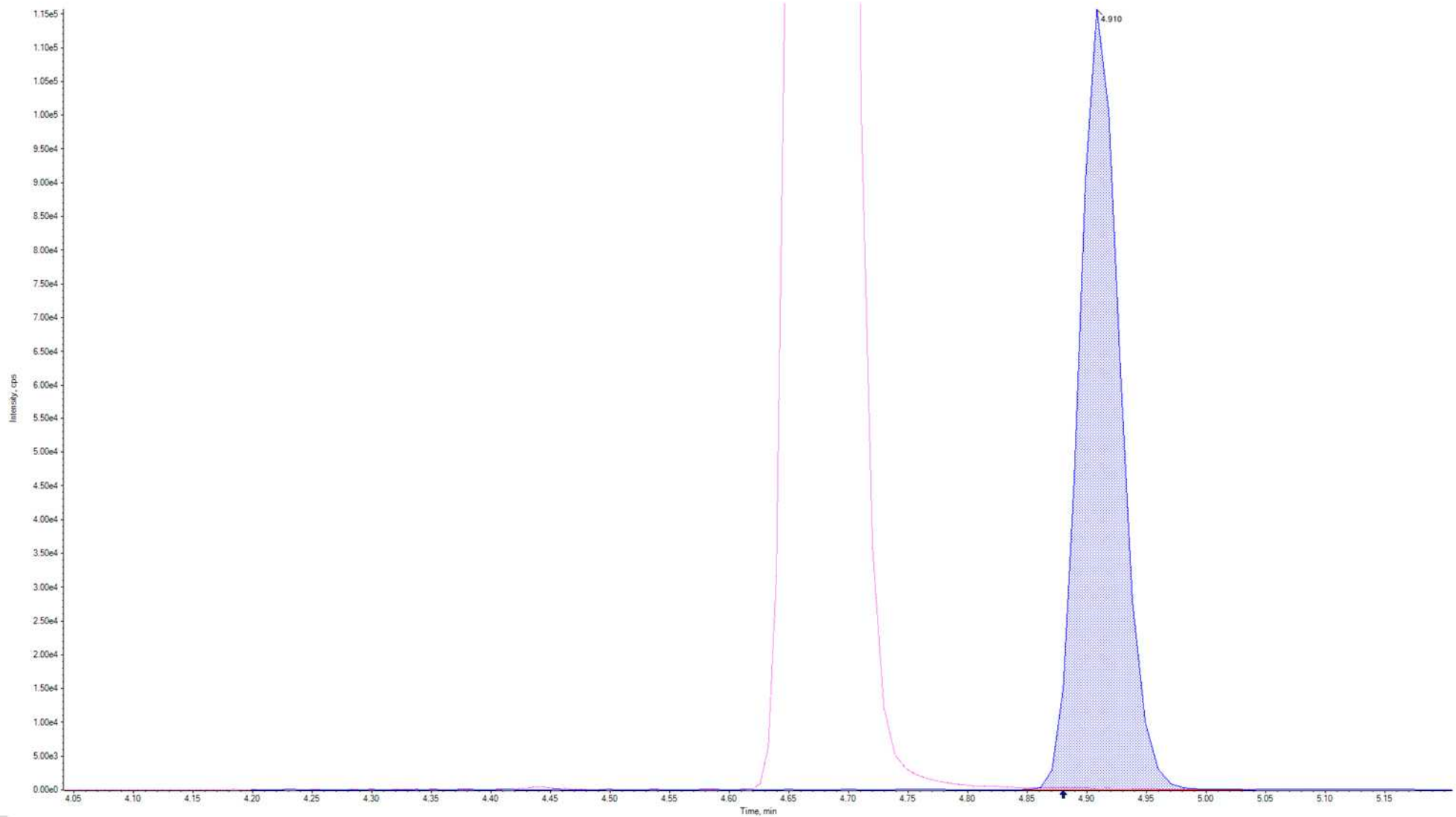
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFMPA
Sample: WG1972379-2,1633LOW S/N:1334.0 Points Across peak:45



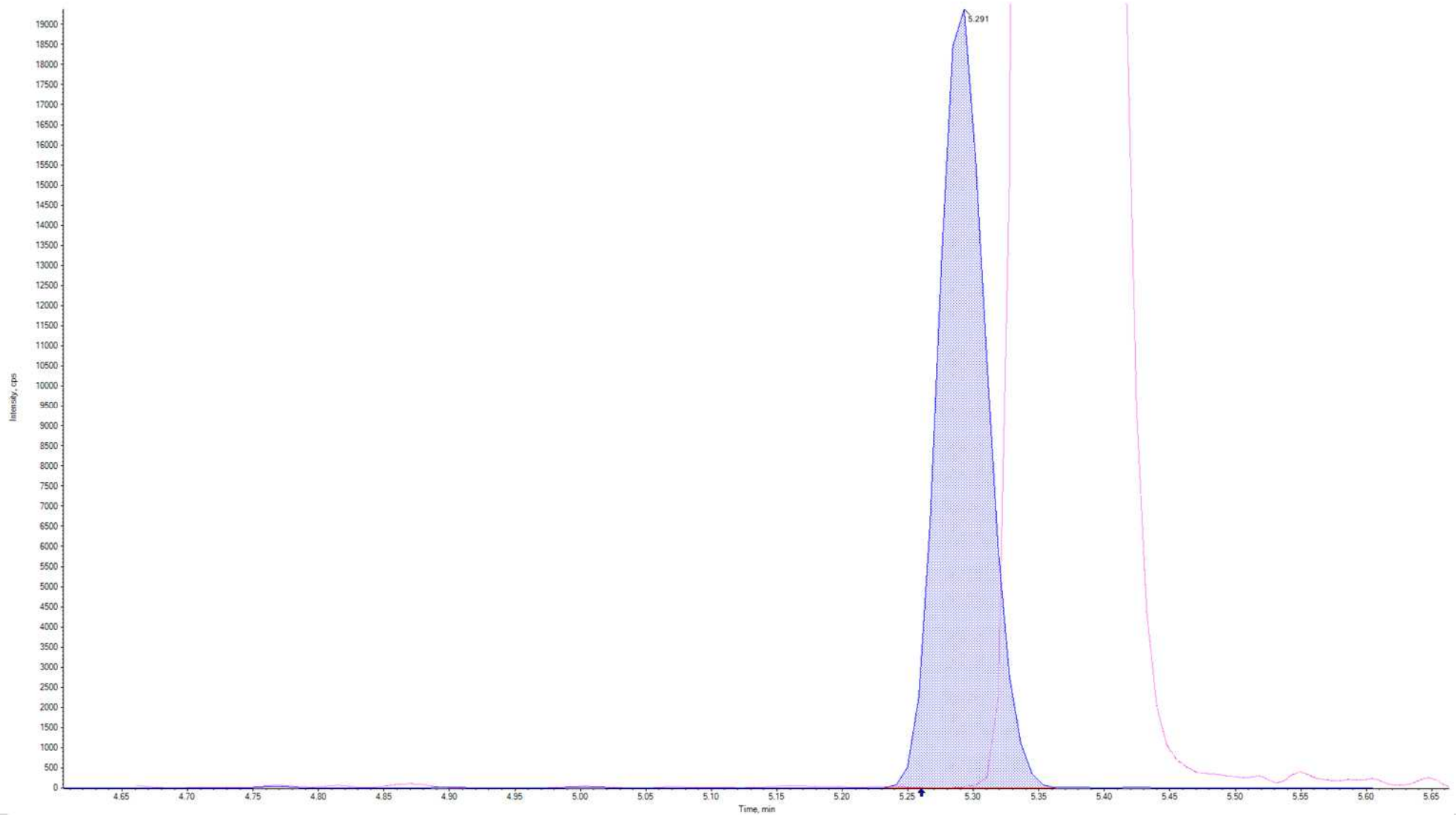
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFMBA
Sample: WG1972379-2,1633LOW S/N:11993.2 Points Across peak:23



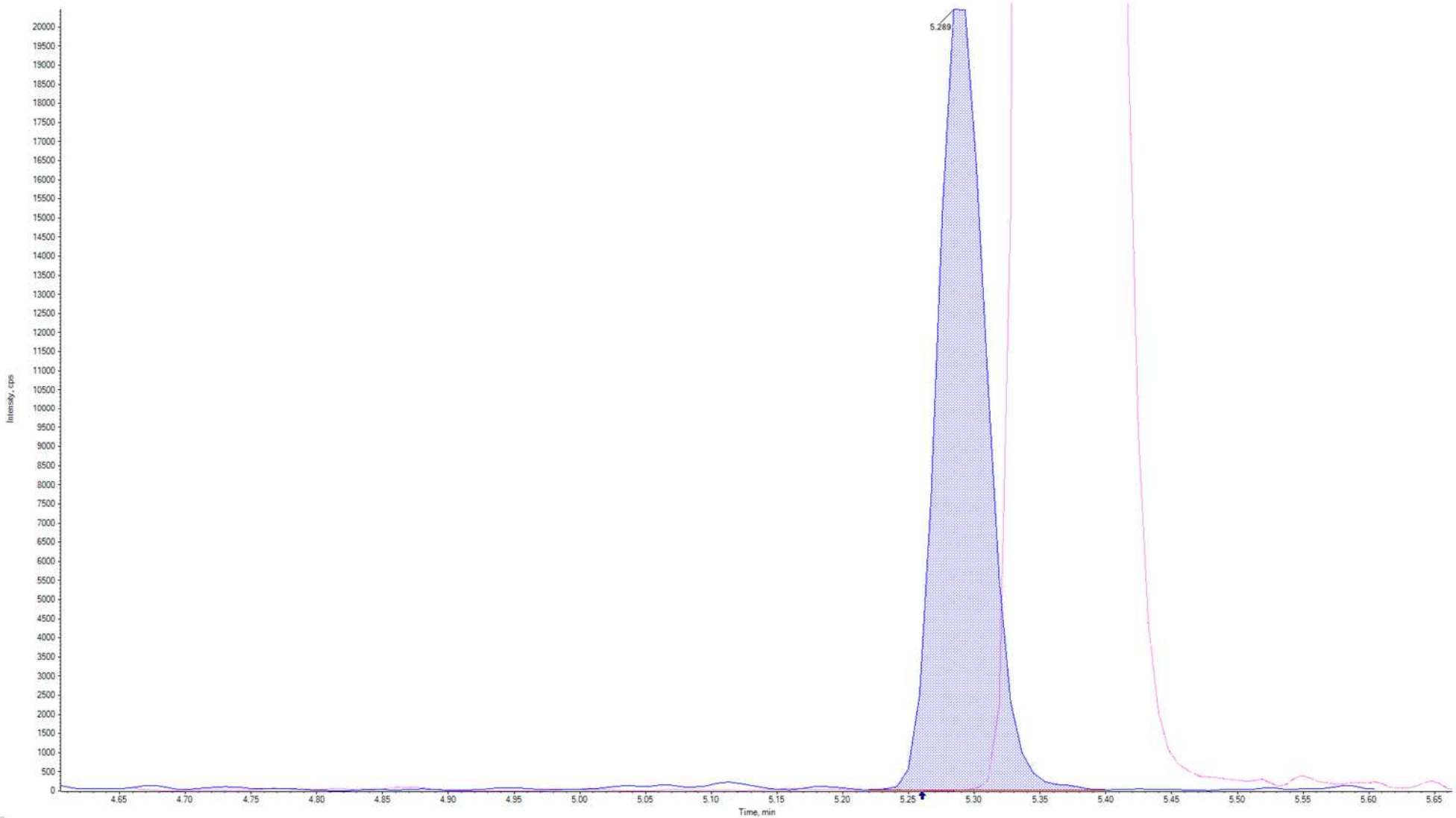
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NFDHA
Sample: WG1972379-2,1633LOW S/N:287544.9 Points Across peak:22



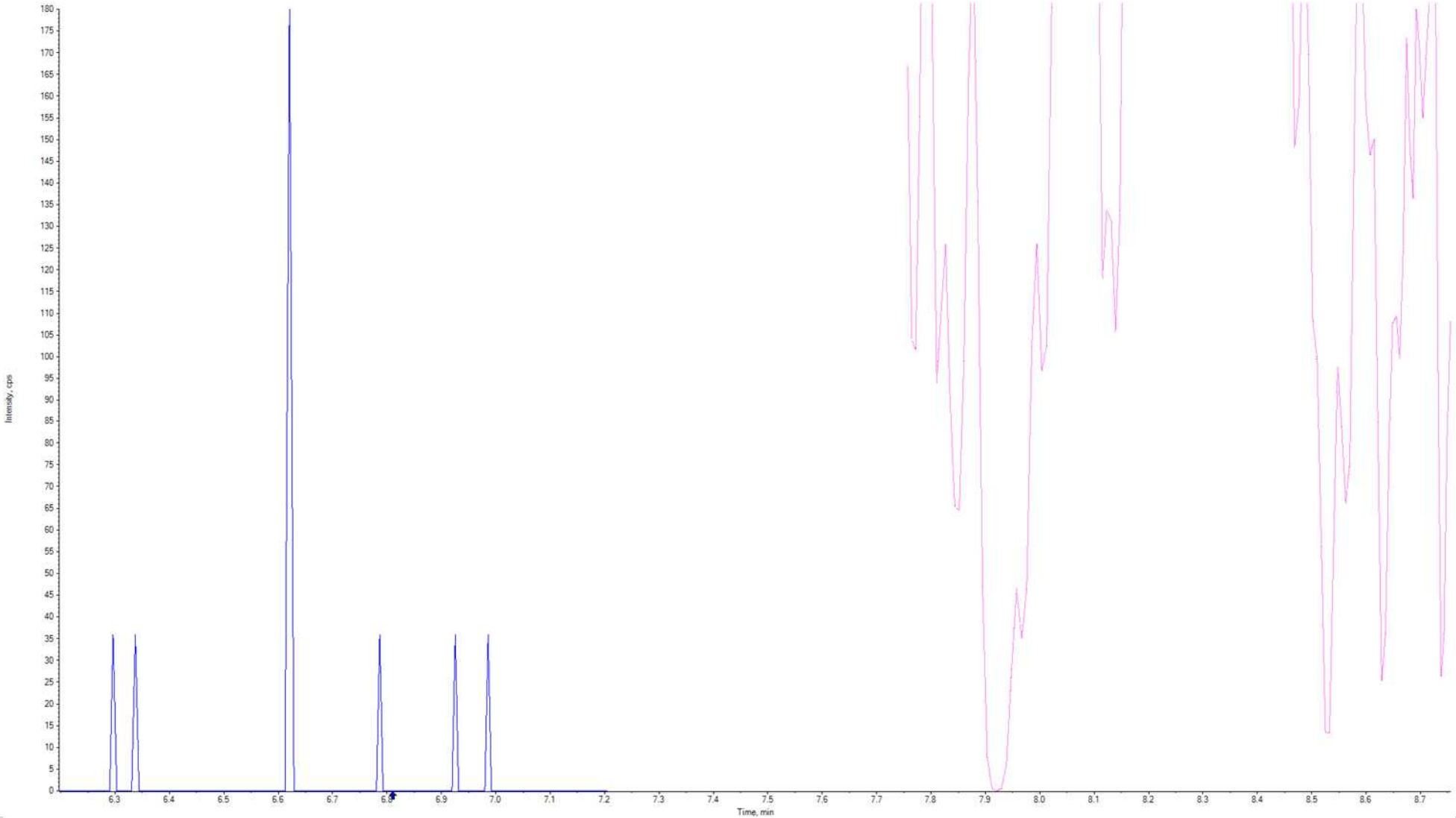
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NFDHA_2
Sample: WG1972379-2,1633LOW S/N:1681.7 Points Across peak:23



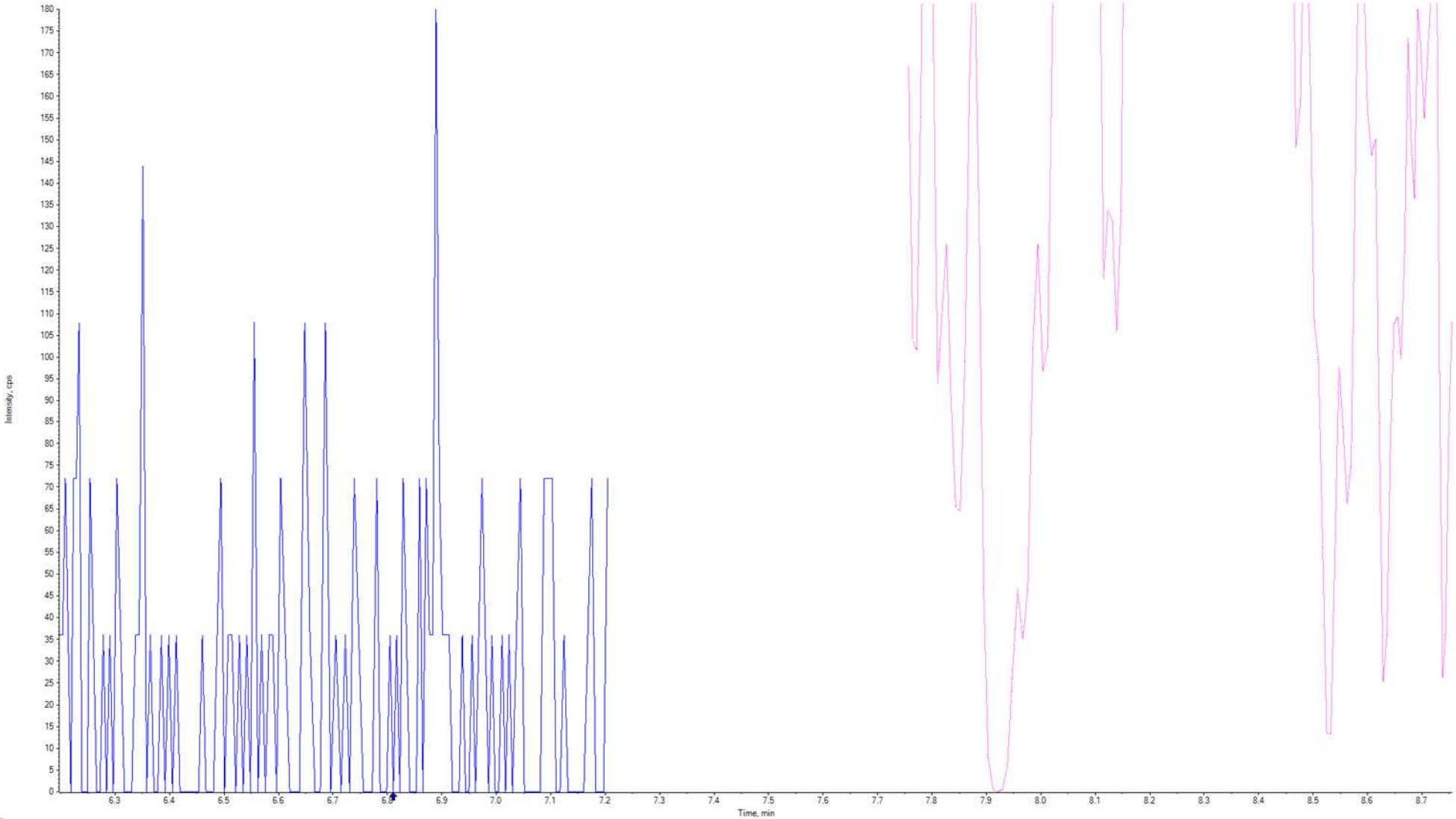
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

TDCA
Sample: WG1972379-2,1633LOW S/N:N/A Points Across peak:N/A



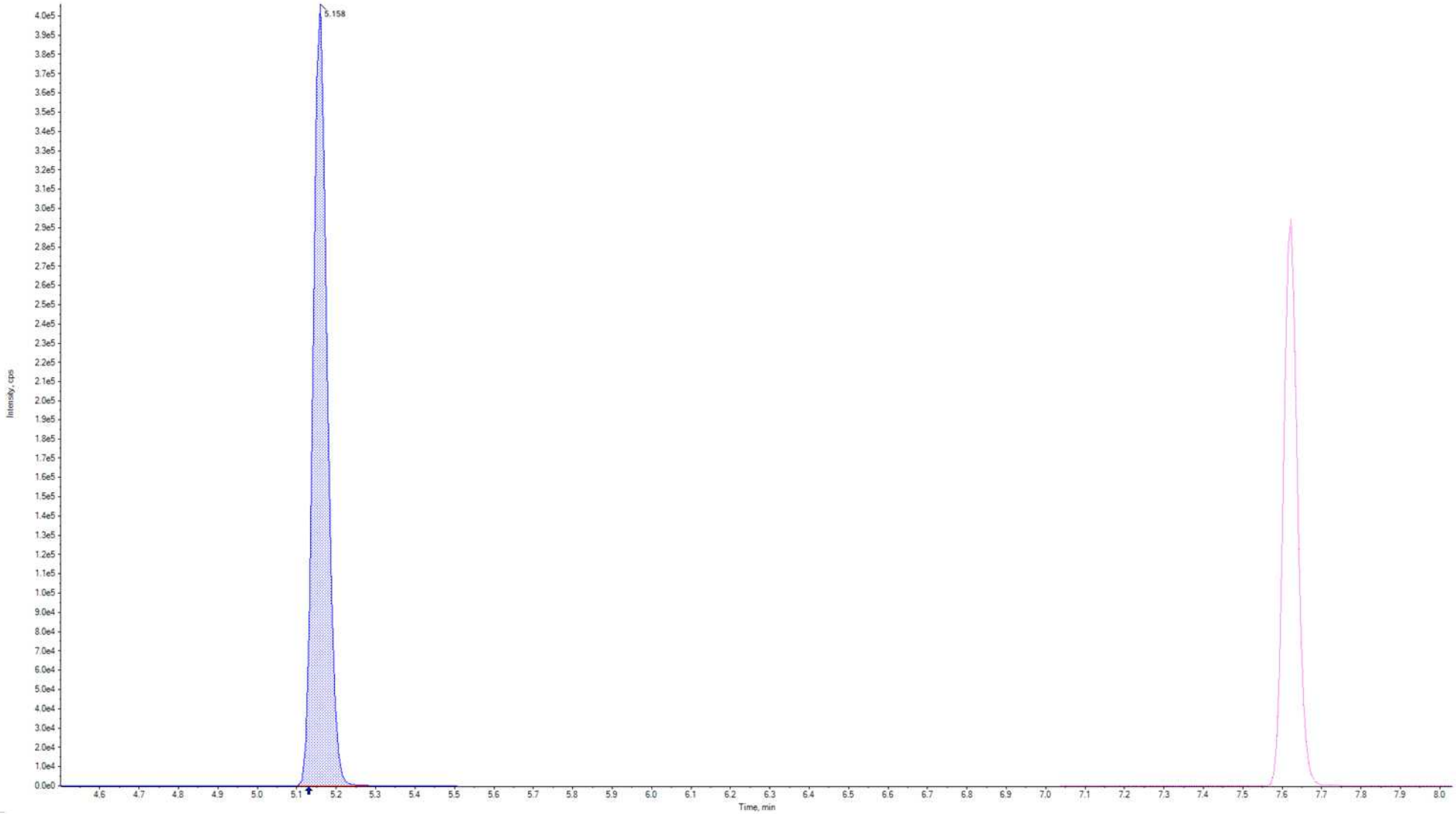
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

TDCA_2
Sample: WG1972379-2,1633LOW S/N:N/A Points Across peak:N/A



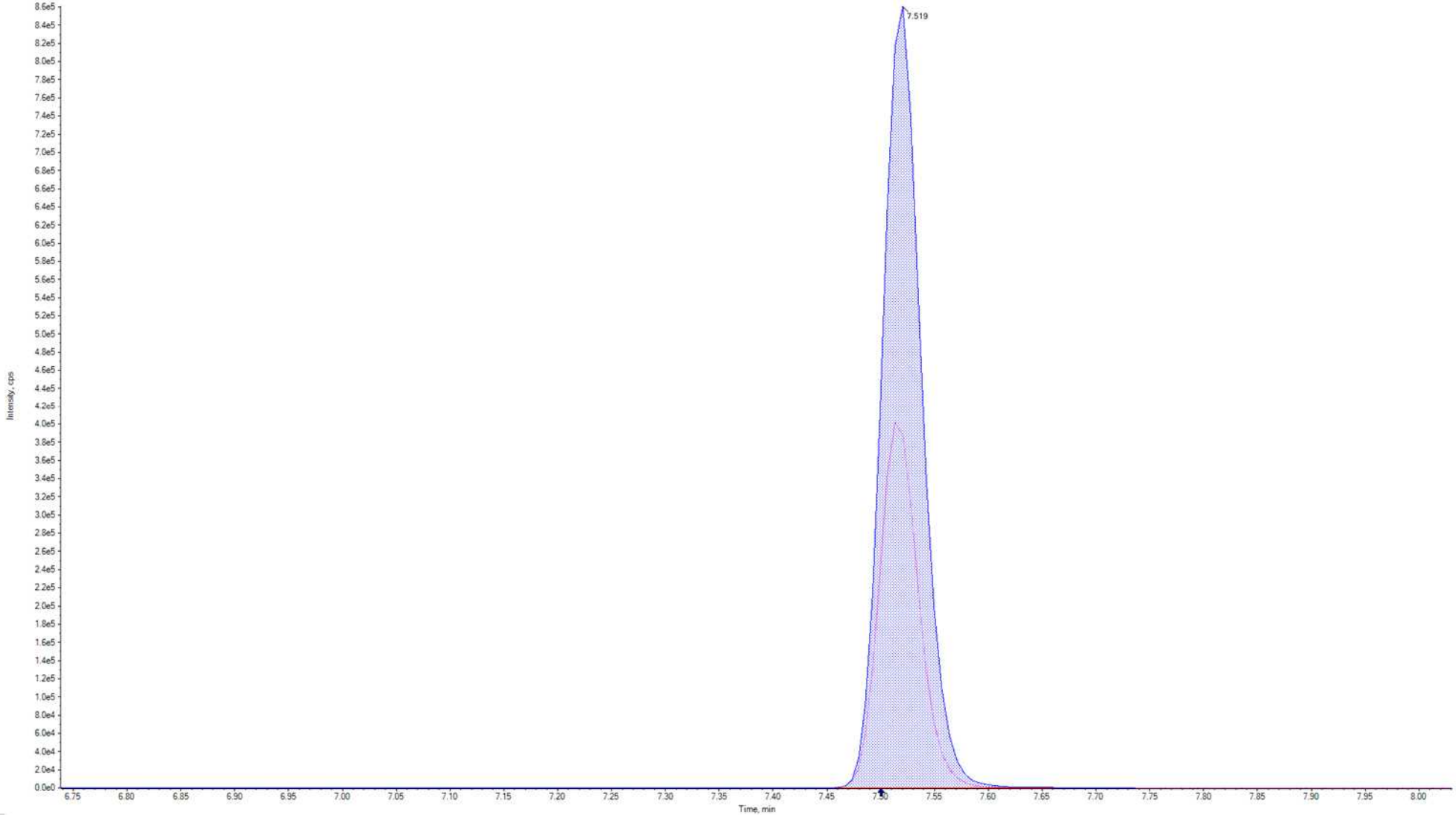
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C2D4-4:2FTS
Sample: WG1972379-2,1633LOW S/N:1374.6 Points Across peak:29

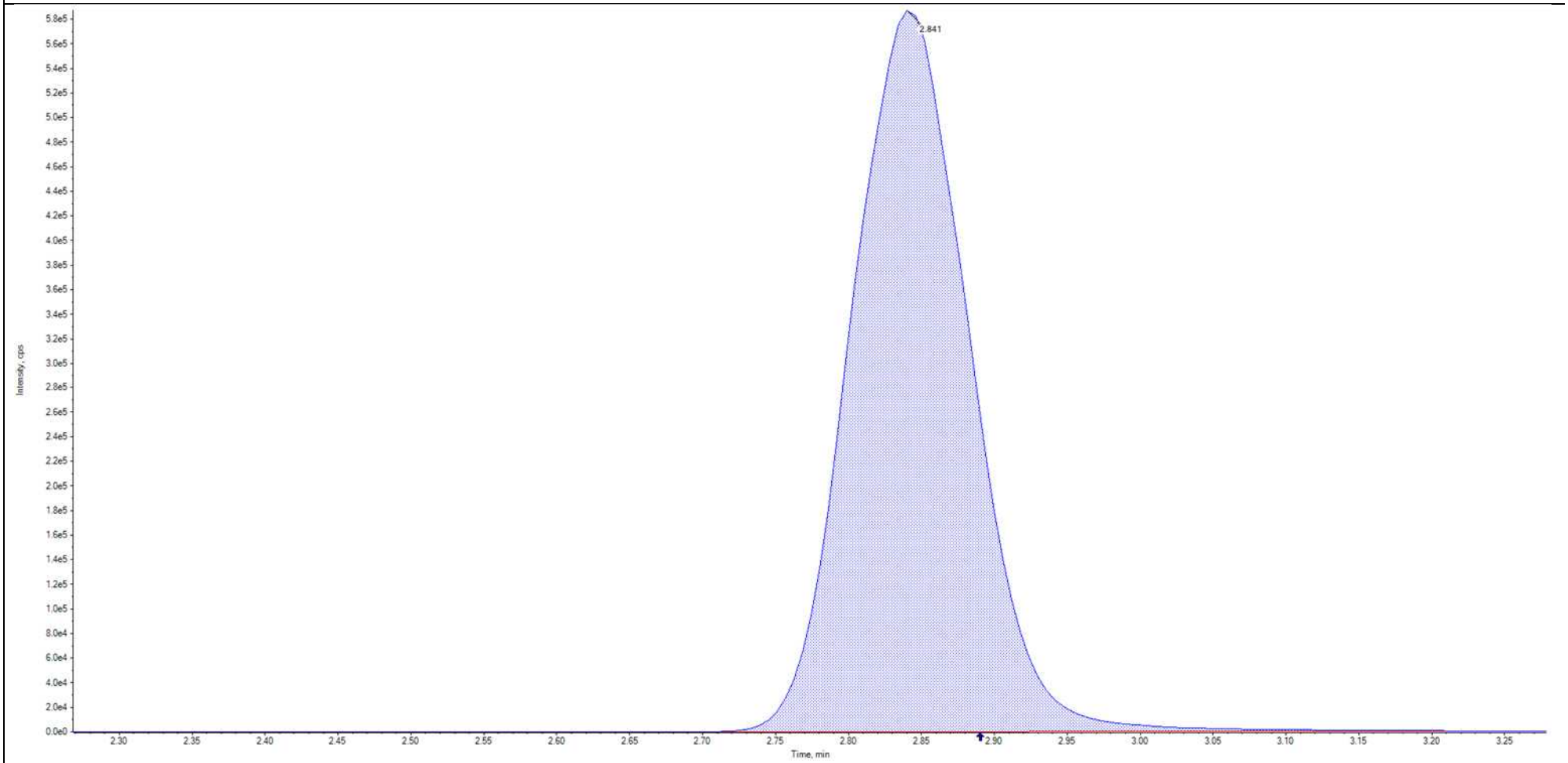


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C2-PFOA
Sample: WG1972379-2,1633LOW S/N:12680.3 Points Across peak:35

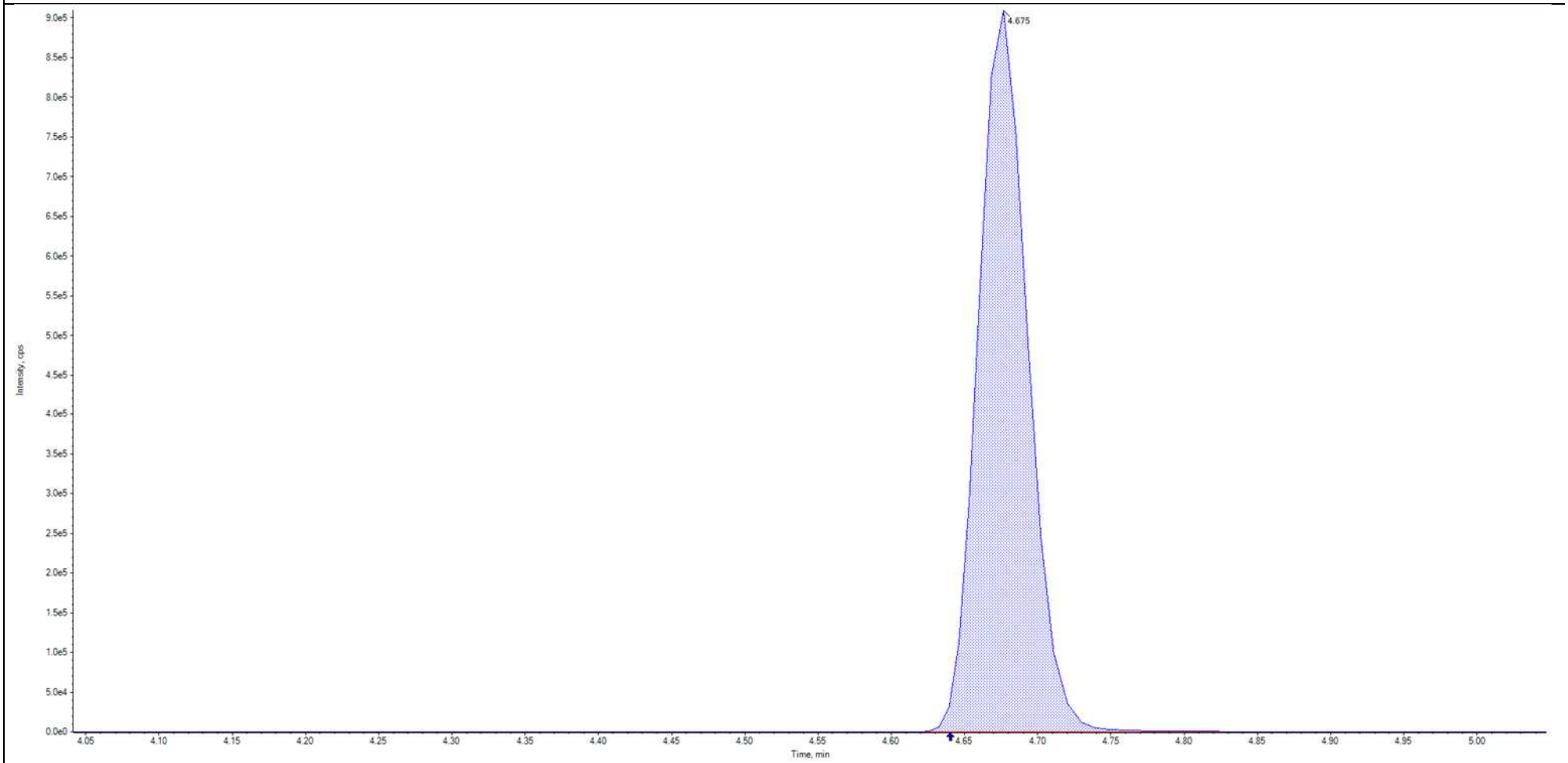


13C4-PFBA
Sample: WG1972379-2,1633LOW

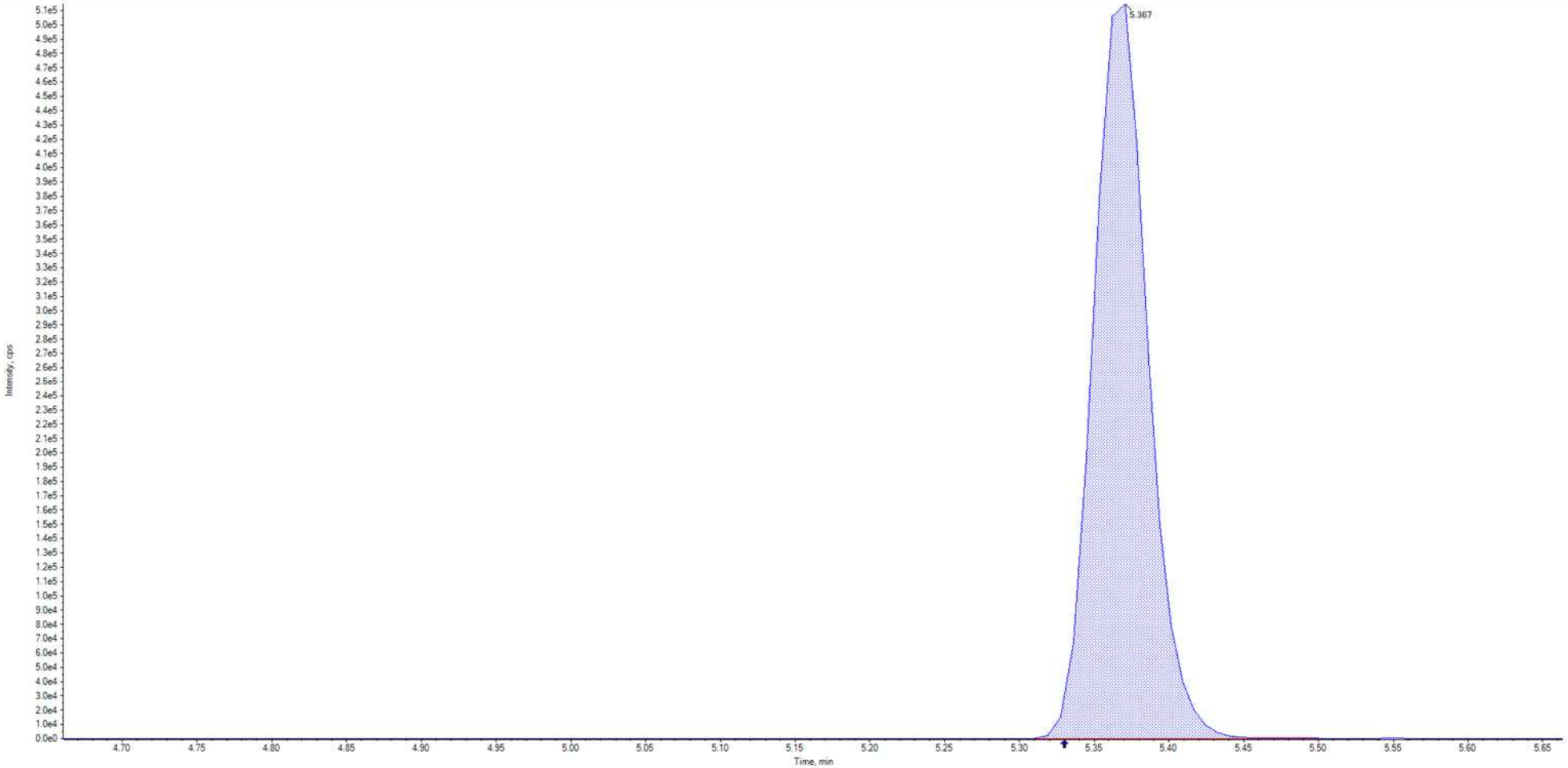


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C5-PFPeA
Sample: WG1972379-2,1633LOW

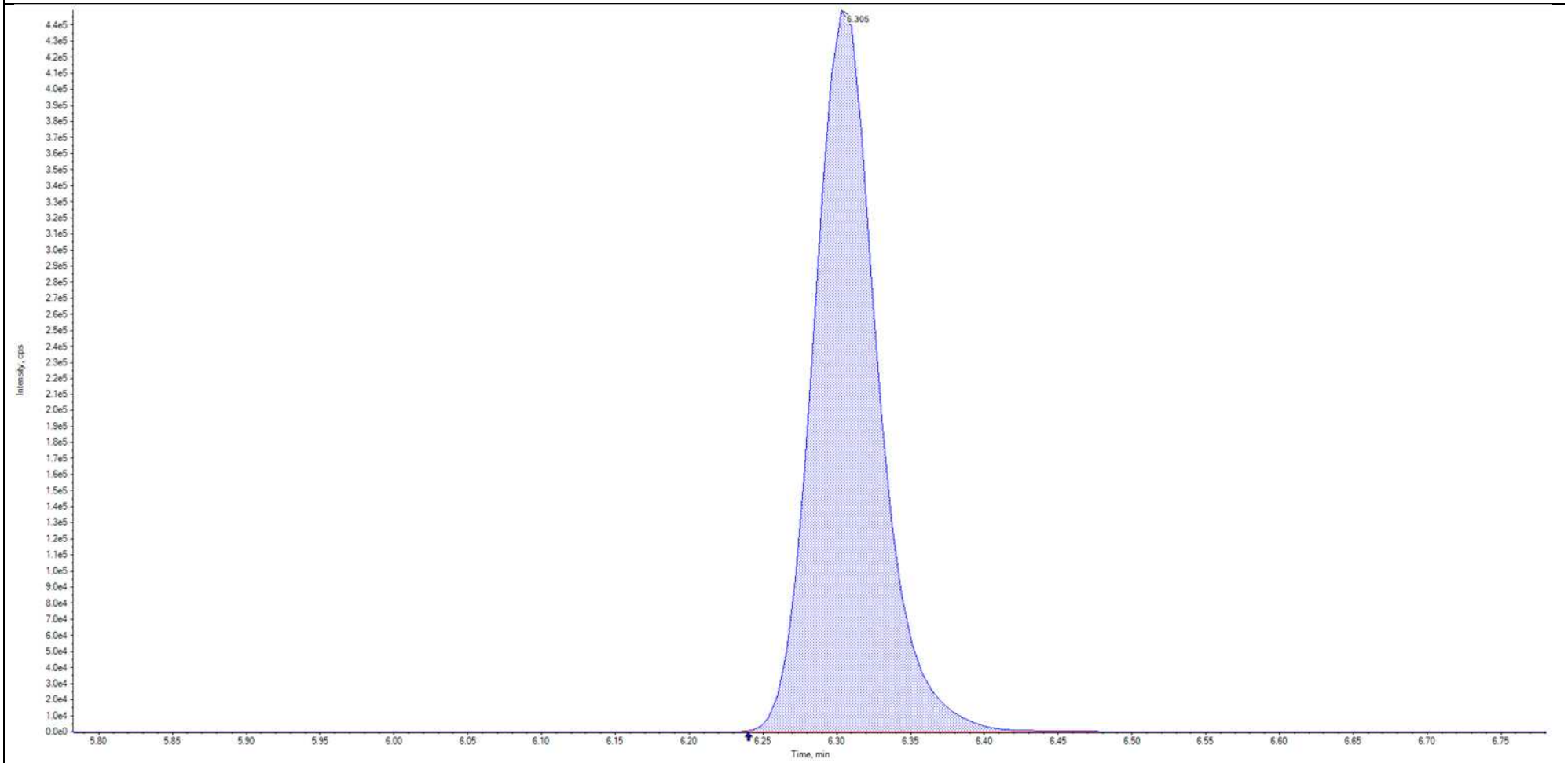


13C5-PFHxA
Sample: WG1972379-2,1633LOW



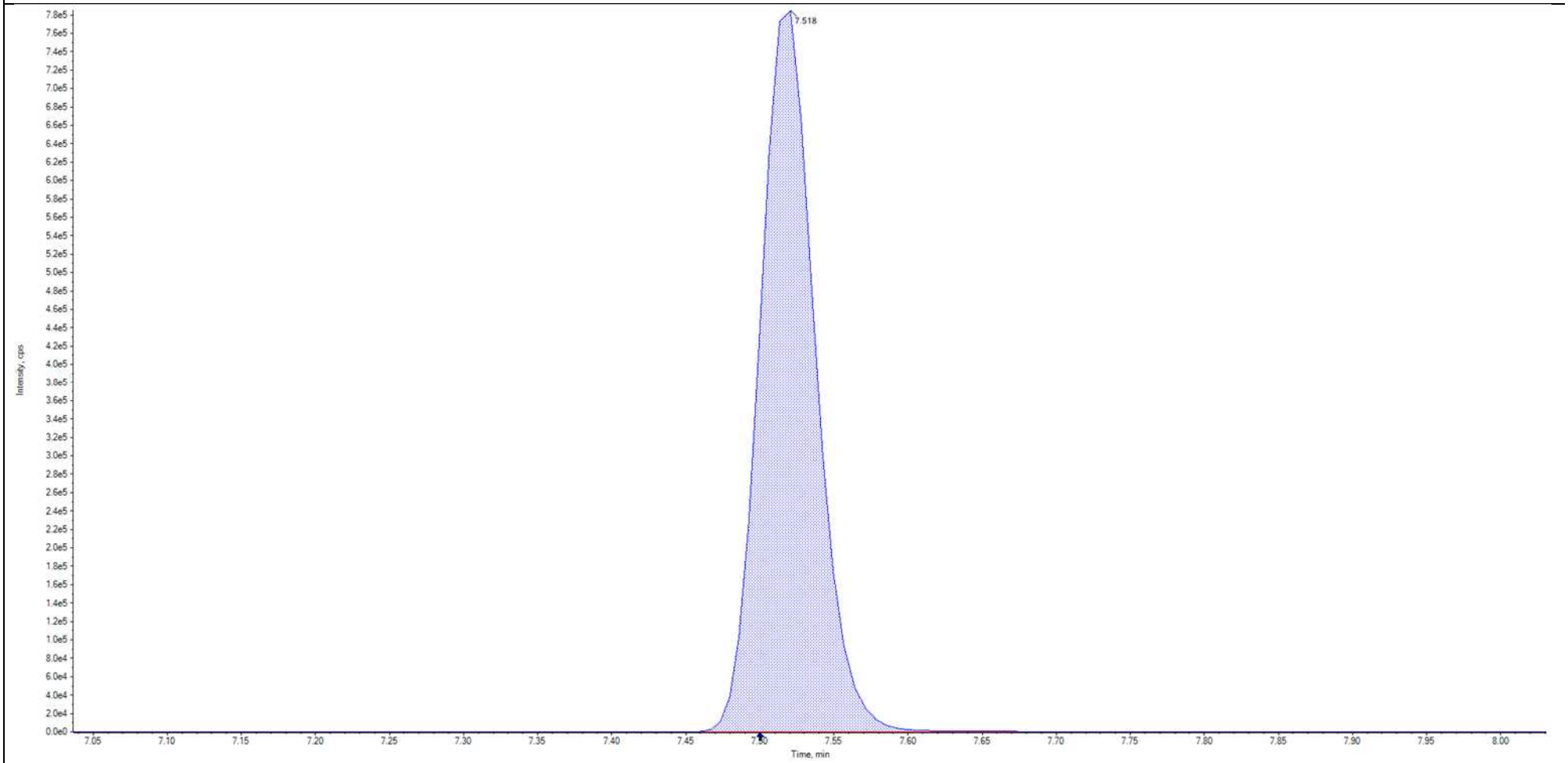
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C4-PFHpA
Sample: WG1972379-2,1633LOW

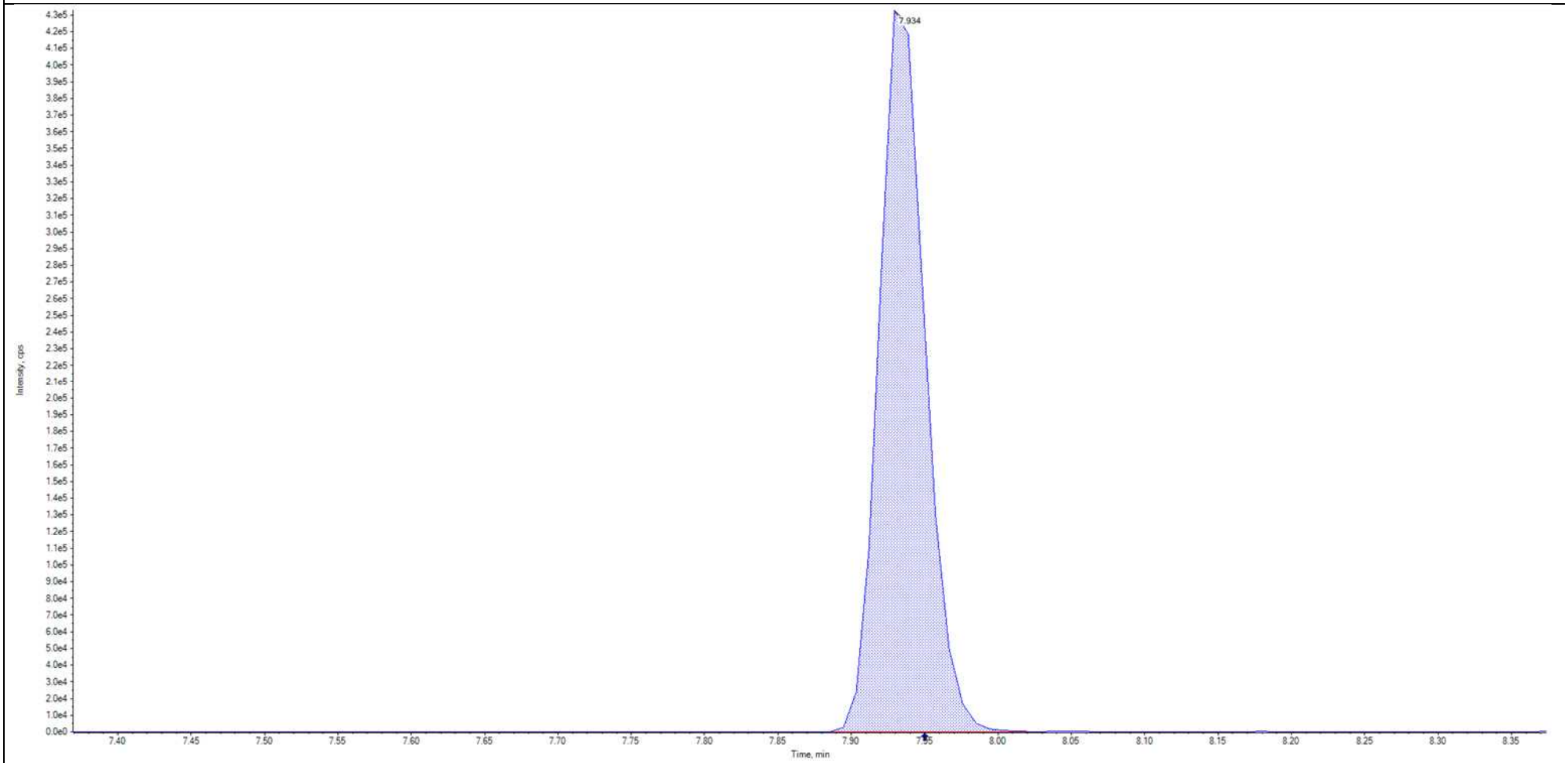


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C8-PFOA
Sample: WG1972379-2,1633LOW

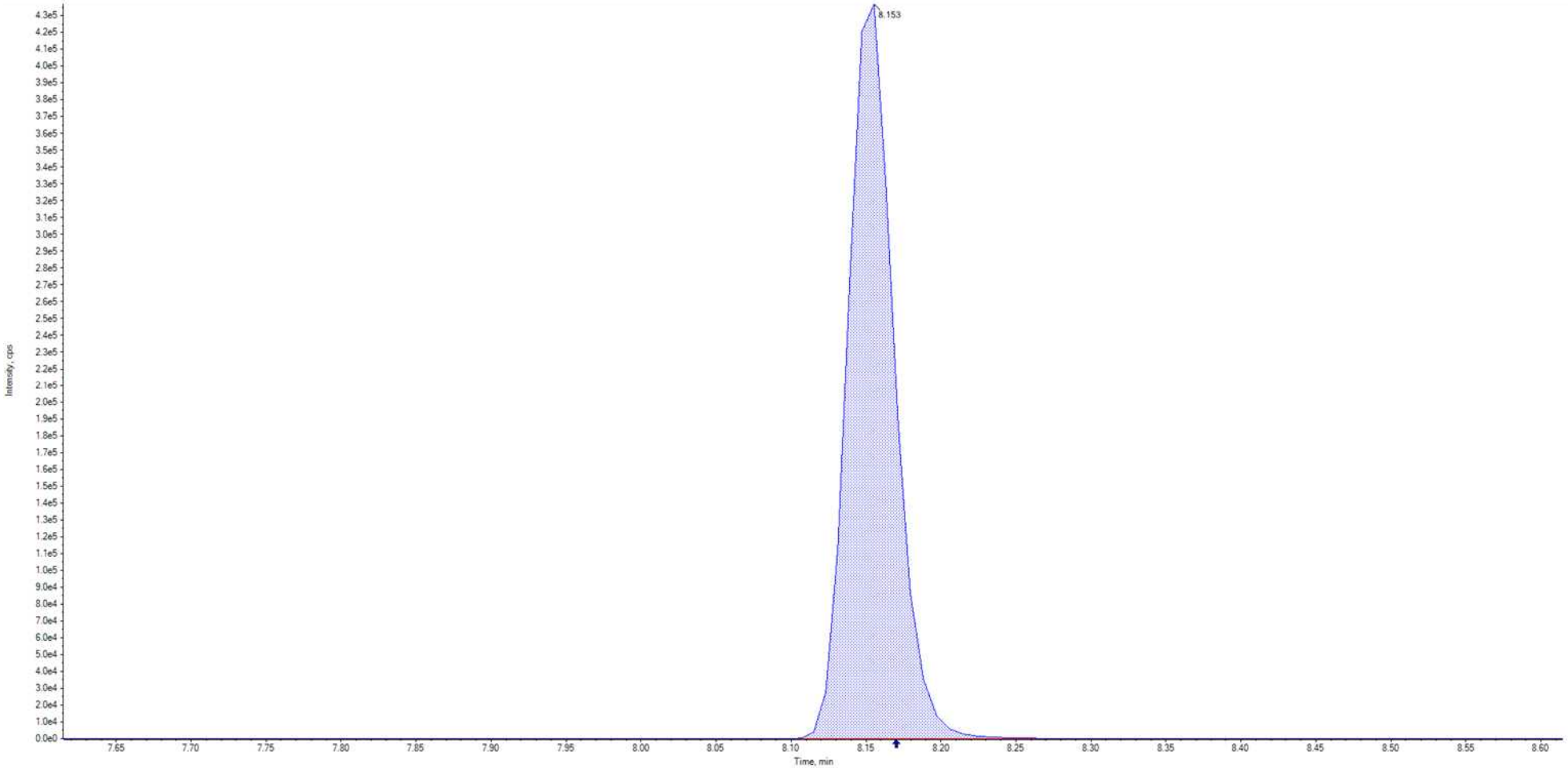


13C9-PFNA
Sample: WG1972379-2,1633LOW



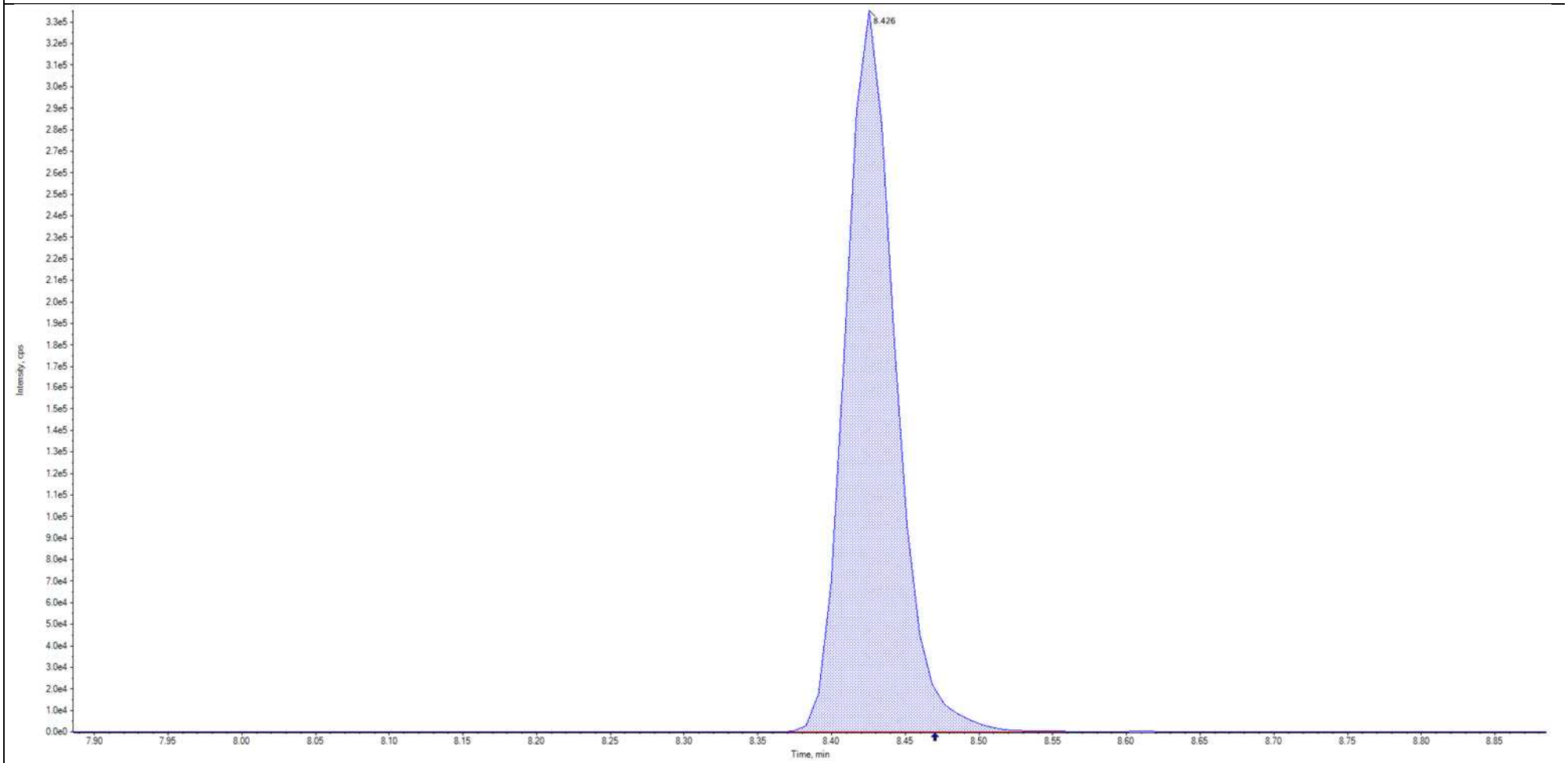
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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13C6-PFDA
Sample: WG1972379-2,1633LOW



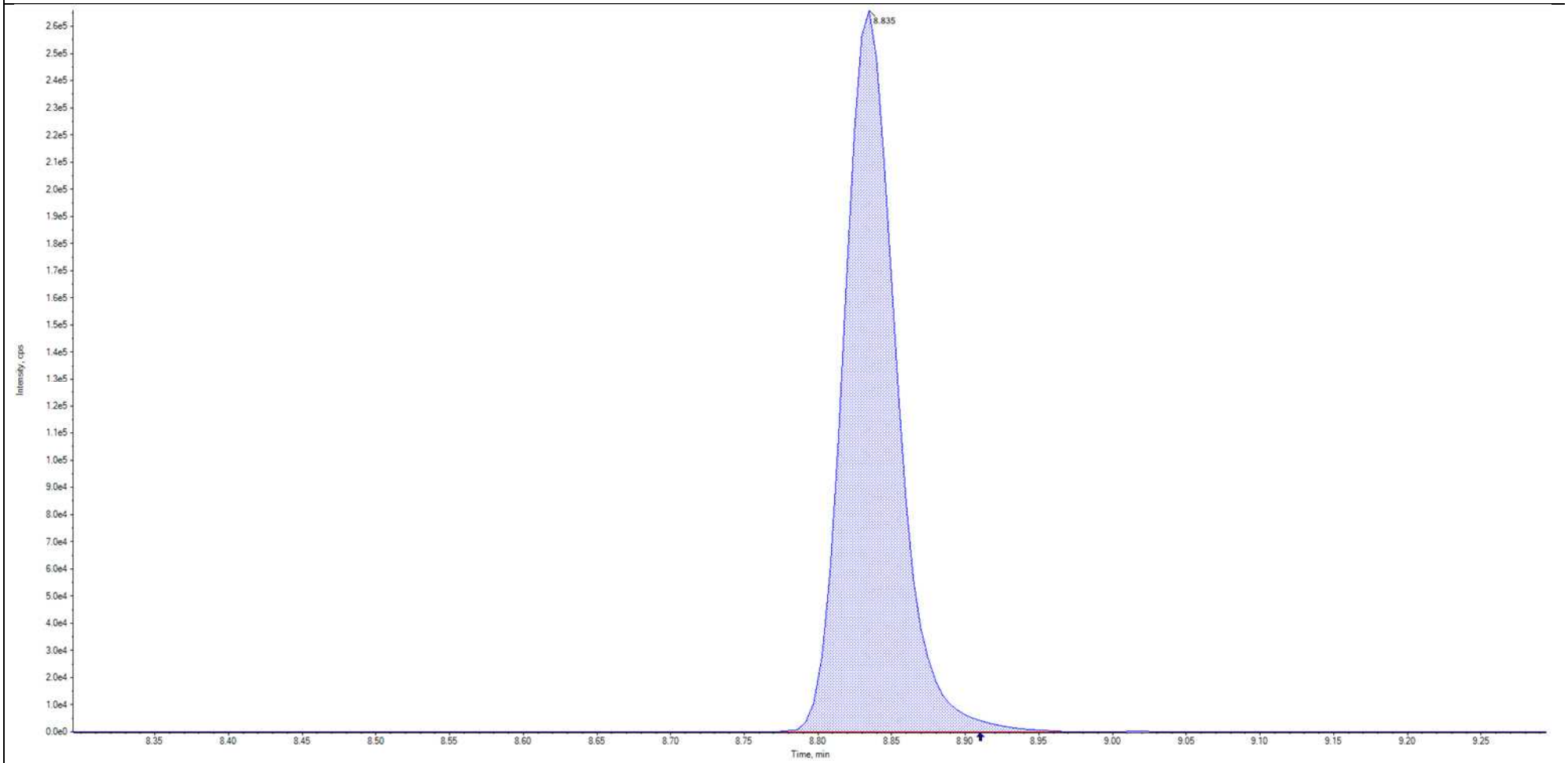
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C7-PFUnA
Sample: WG1972379-2,1633LOW

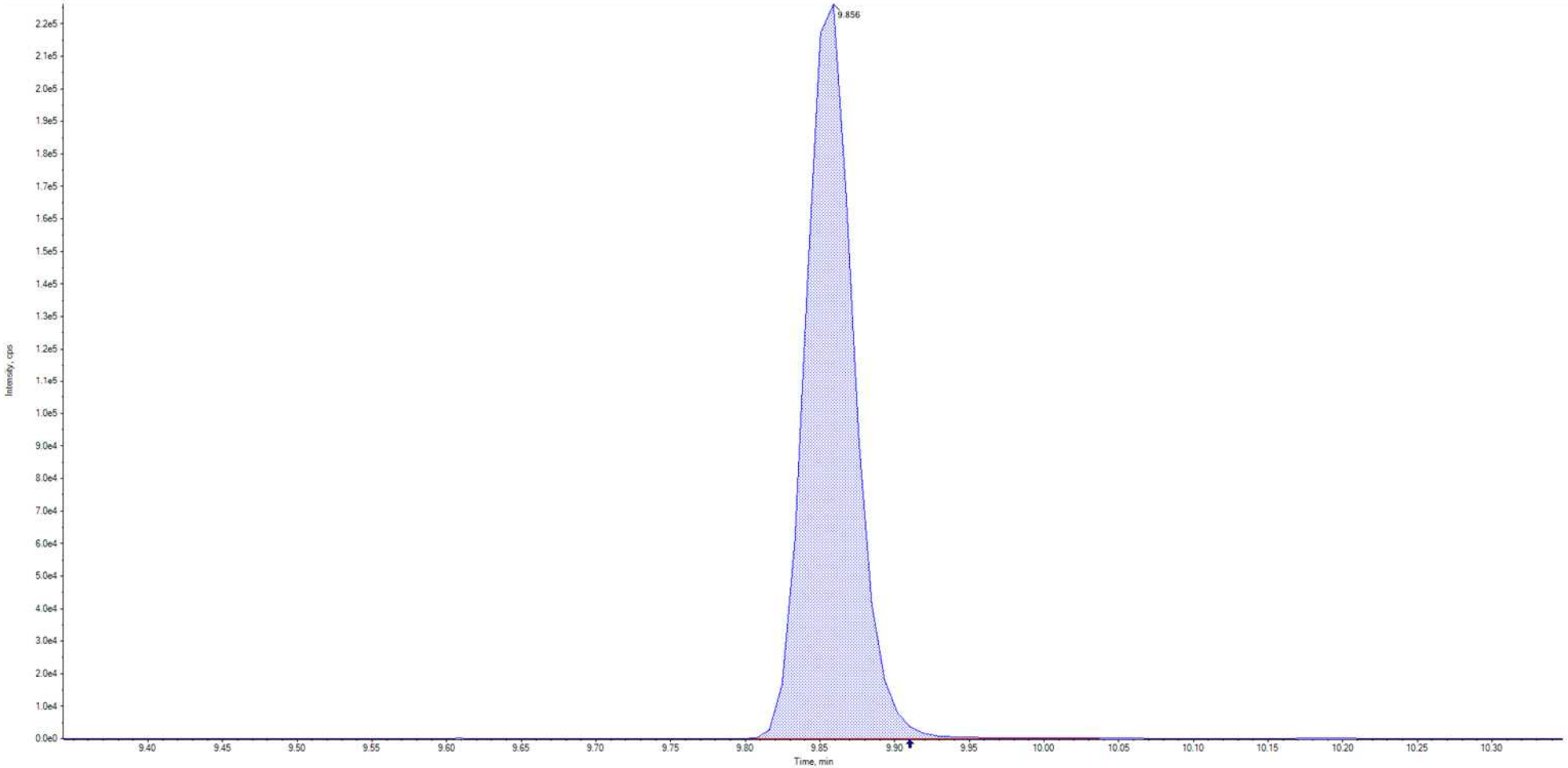


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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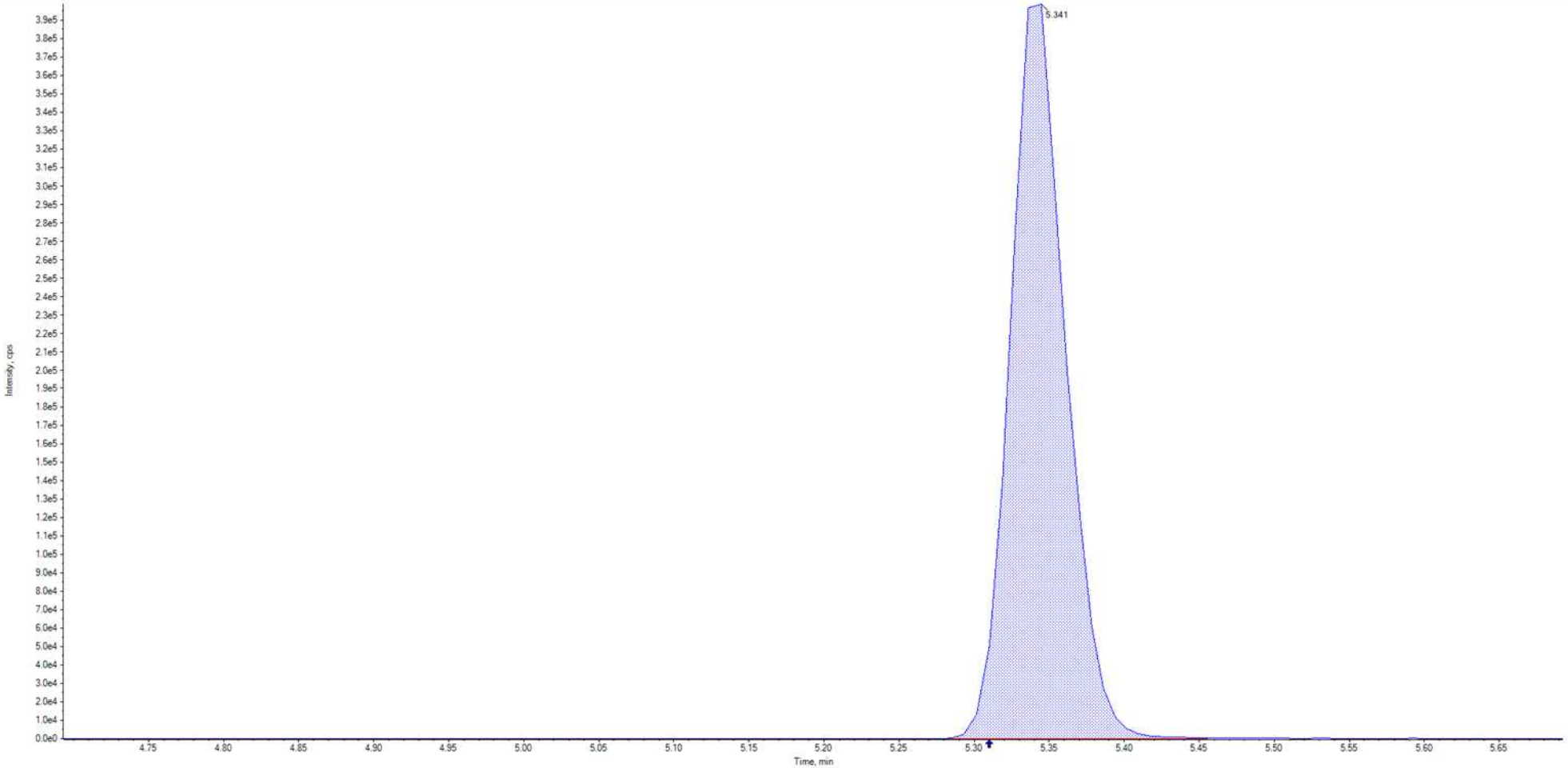
13C2-PFDoA
Sample: WG1972379-2,1633LOW



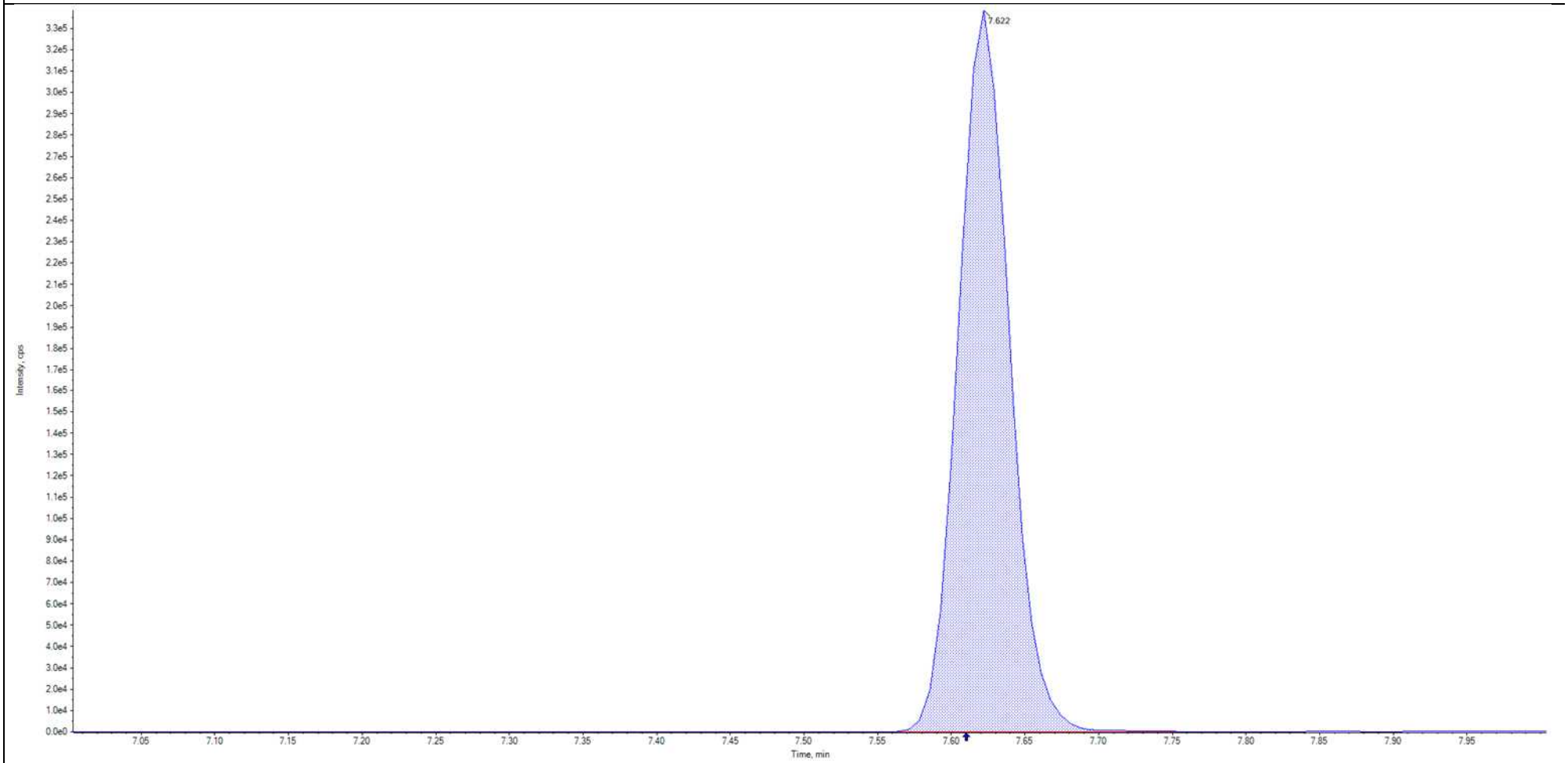
13C2-PFTeDA
Sample: WG1972379-2,1633LOW



13C3-PFBS
Sample: WG1972379-2,1633LOW

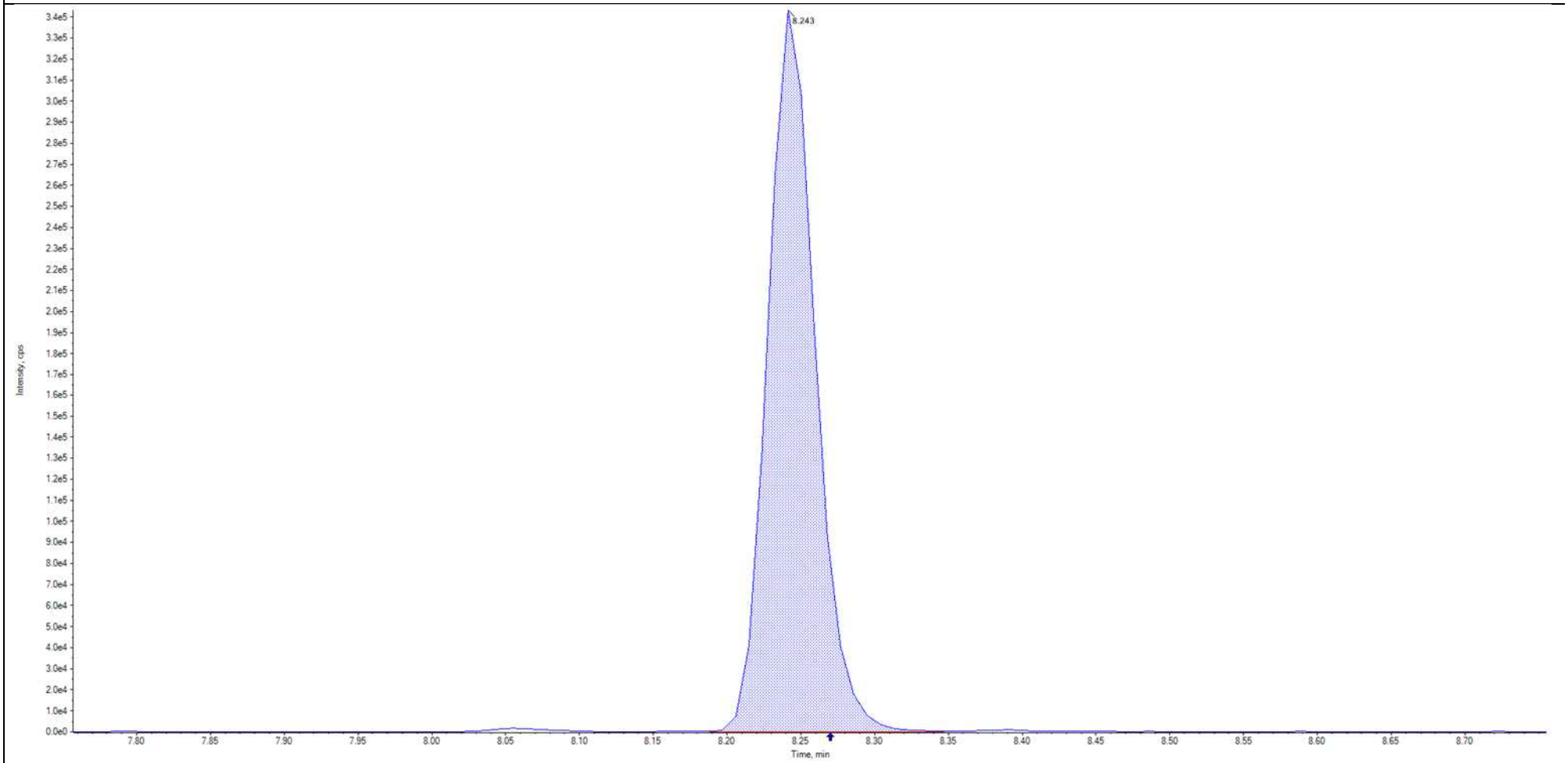


13C3-PFHxS
Sample: WG1972379-2,1633LOW

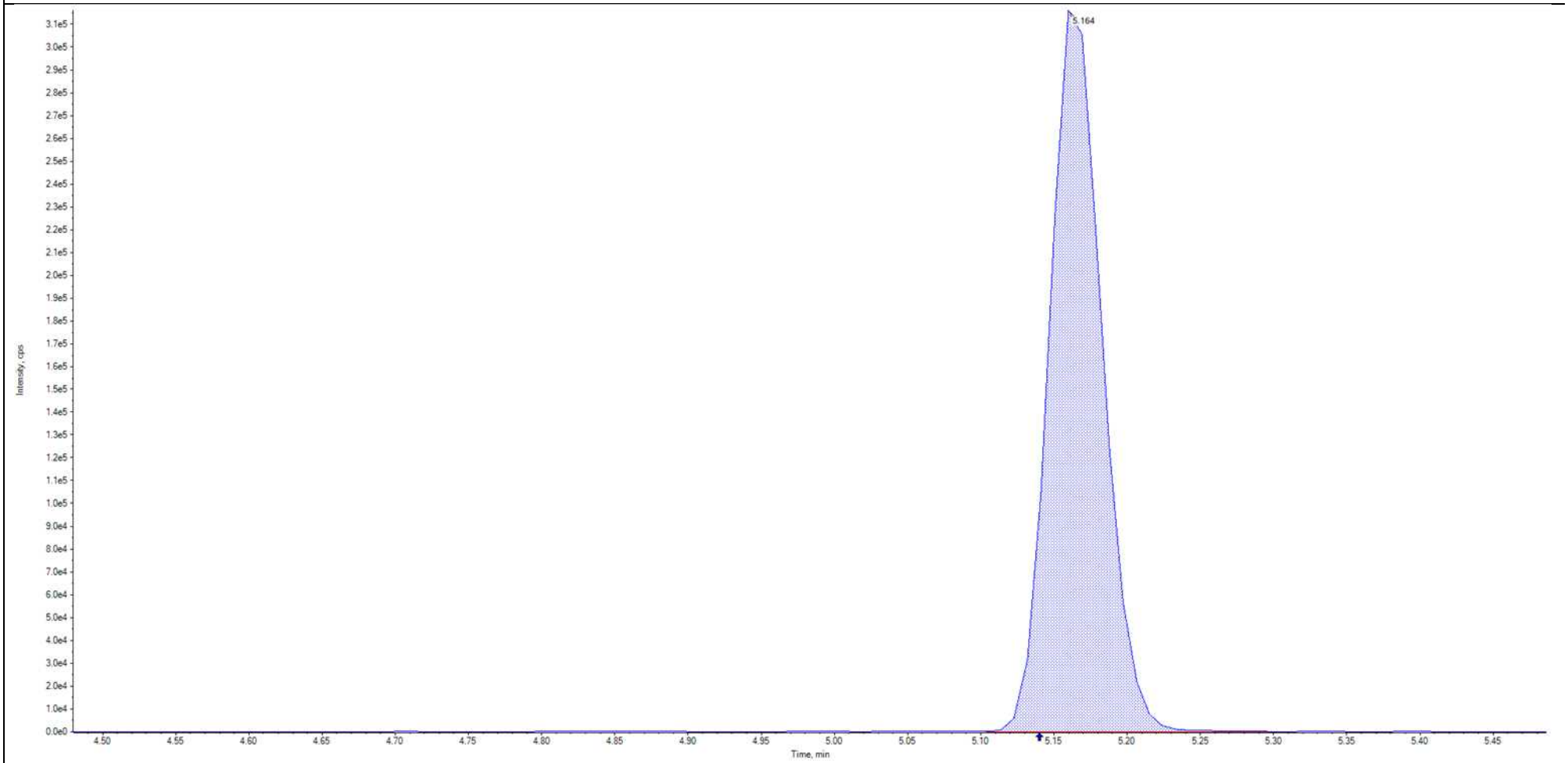


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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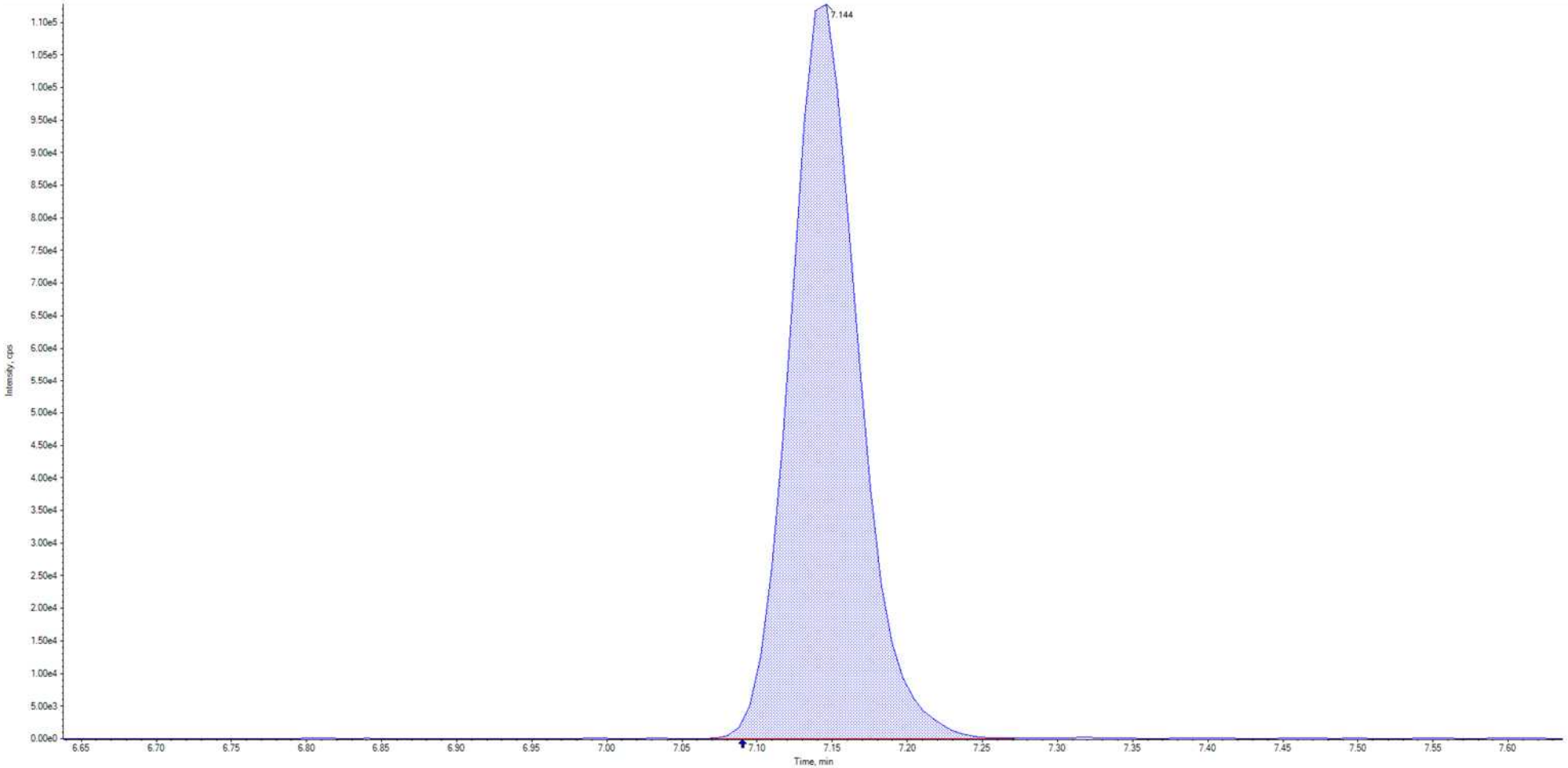
13C8-PFOS
Sample: WG1972379-2,1633LOW



13C2-4:2FTS
Sample: WG1972379-2,1633LOW

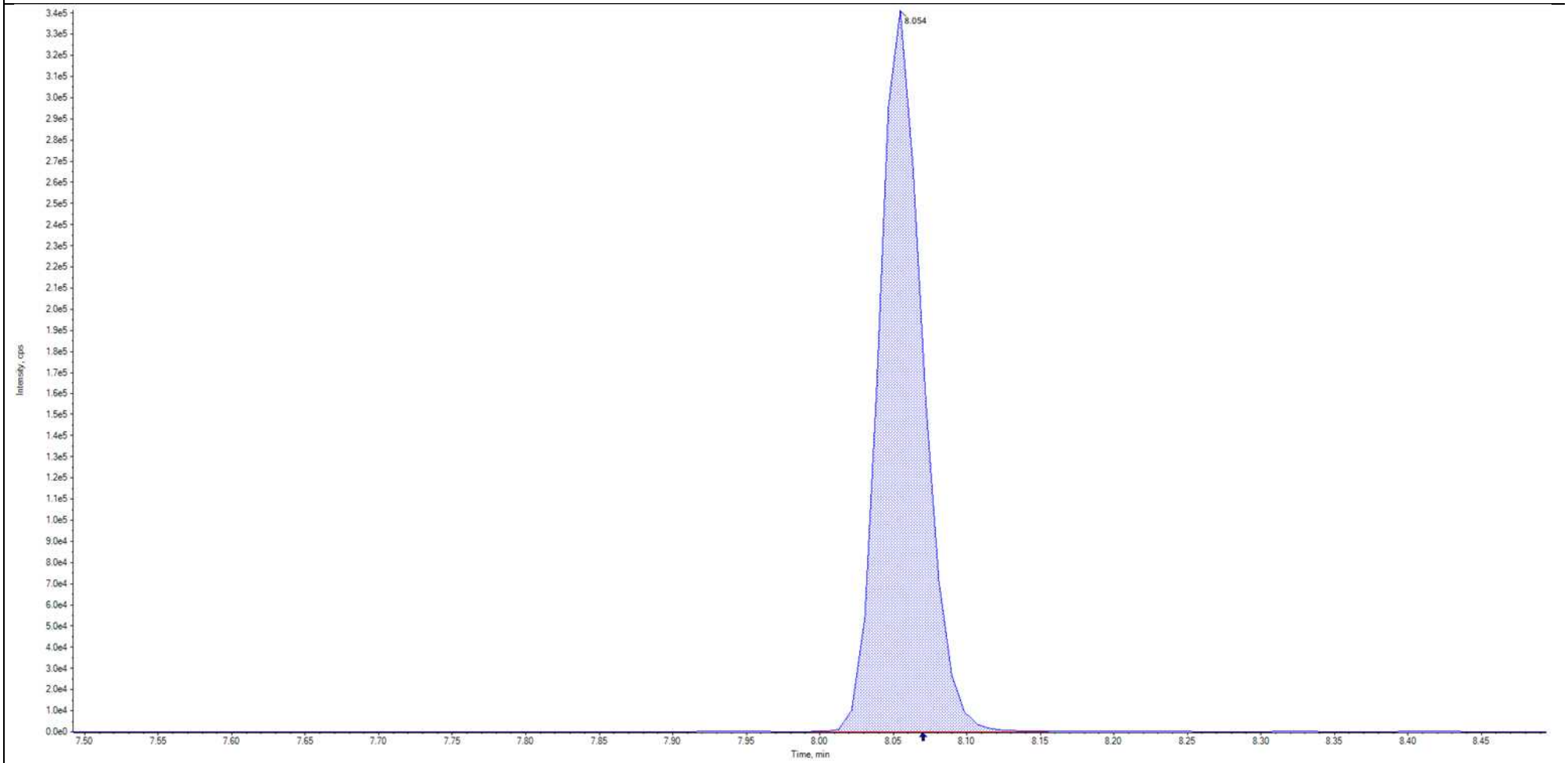


13C2-6:2FTS
Sample: WG1972379-2,1633LOW



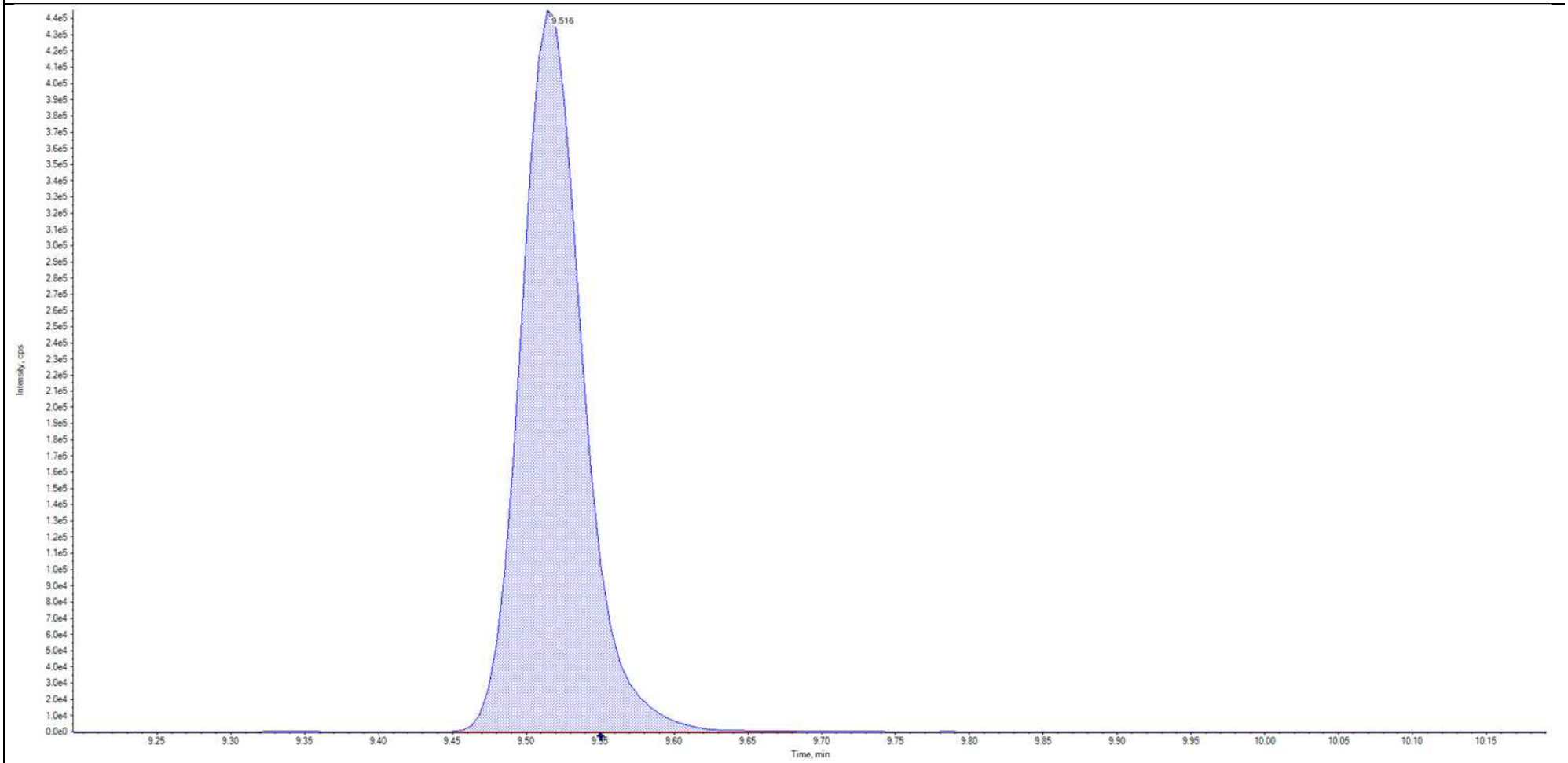
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C2-8:2FTS
Sample: WG1972379-2,1633LOW

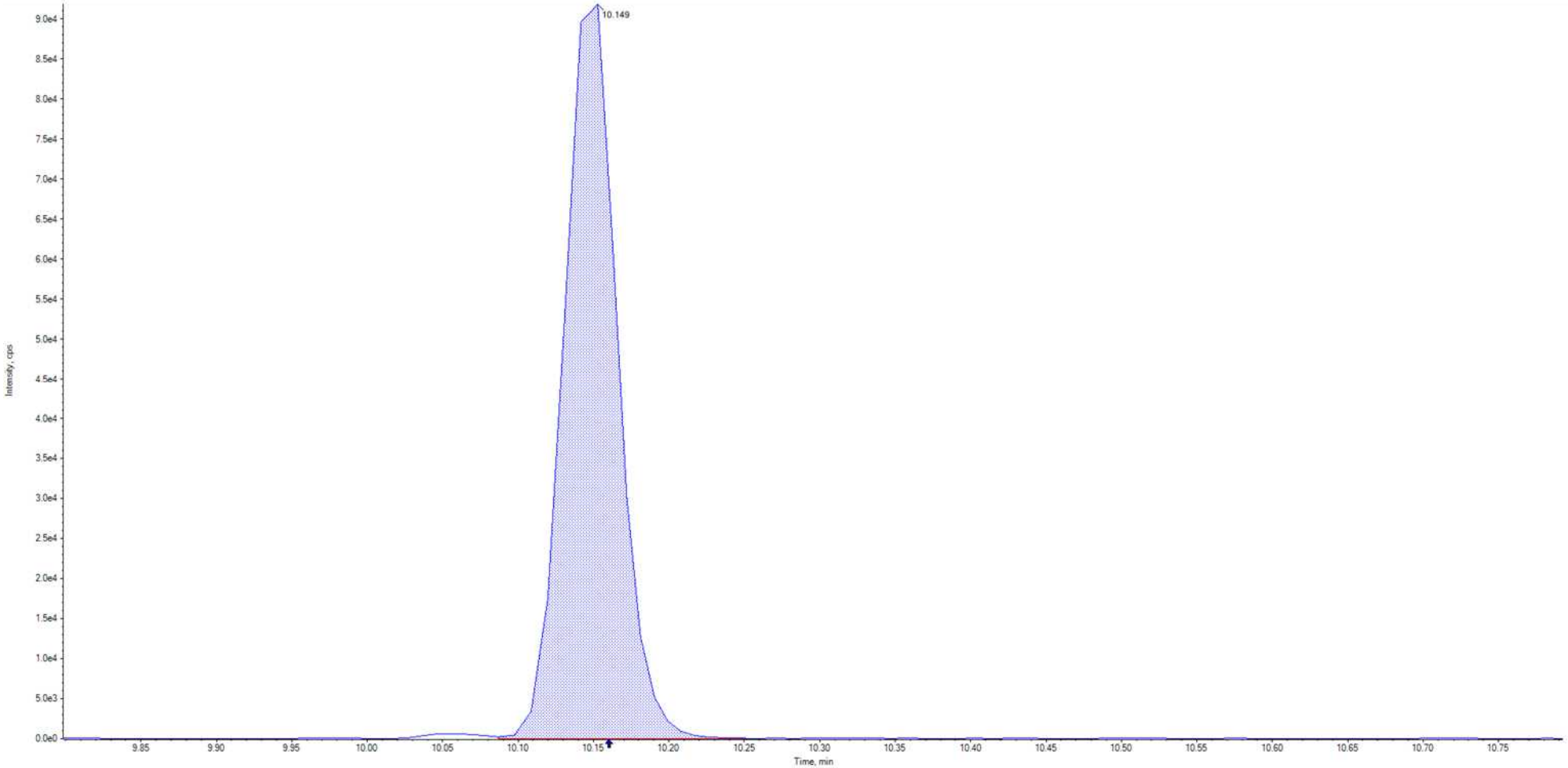


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

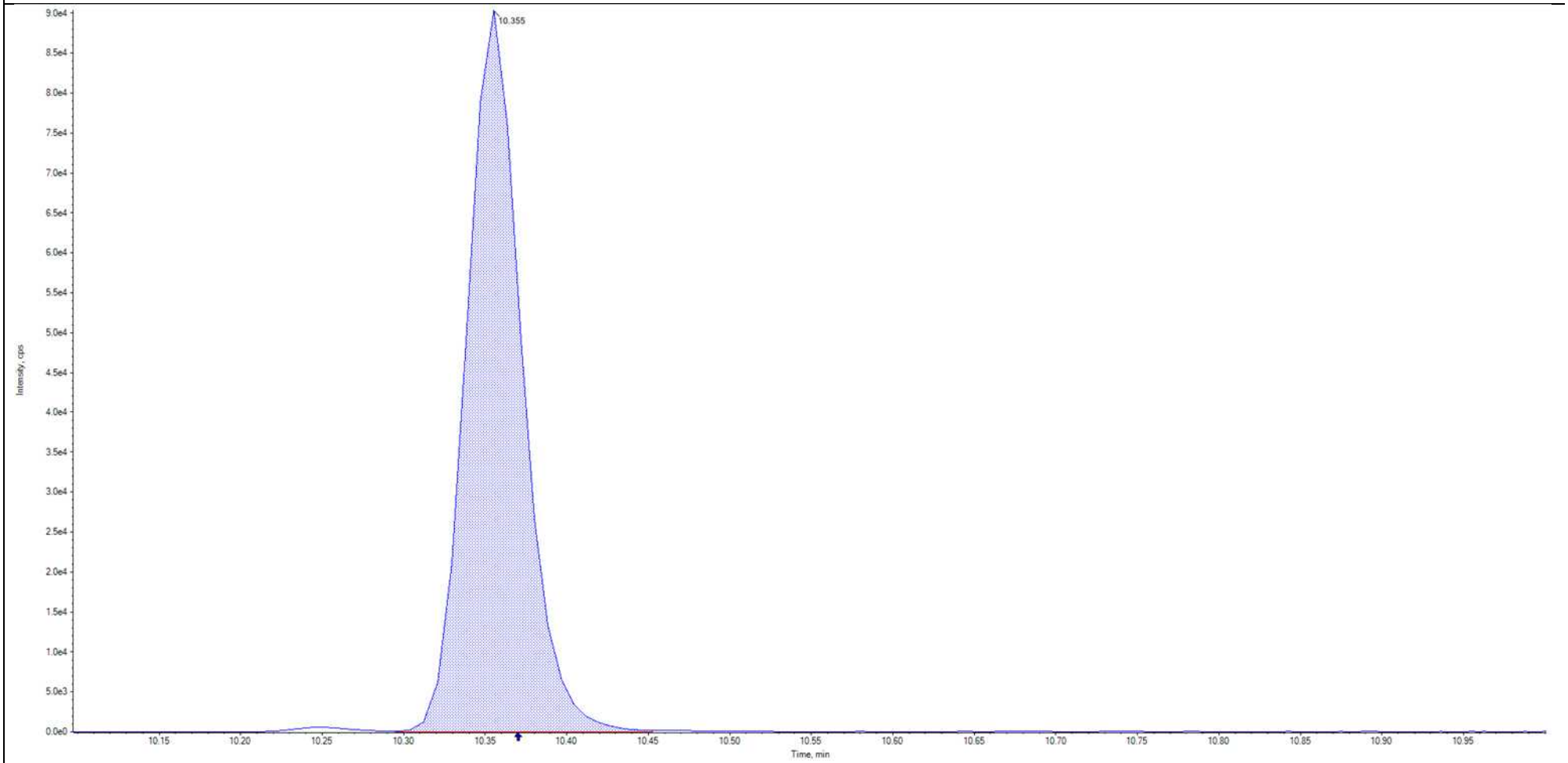
13C8-PFOSA
Sample: WG1972379-2,1633LOW



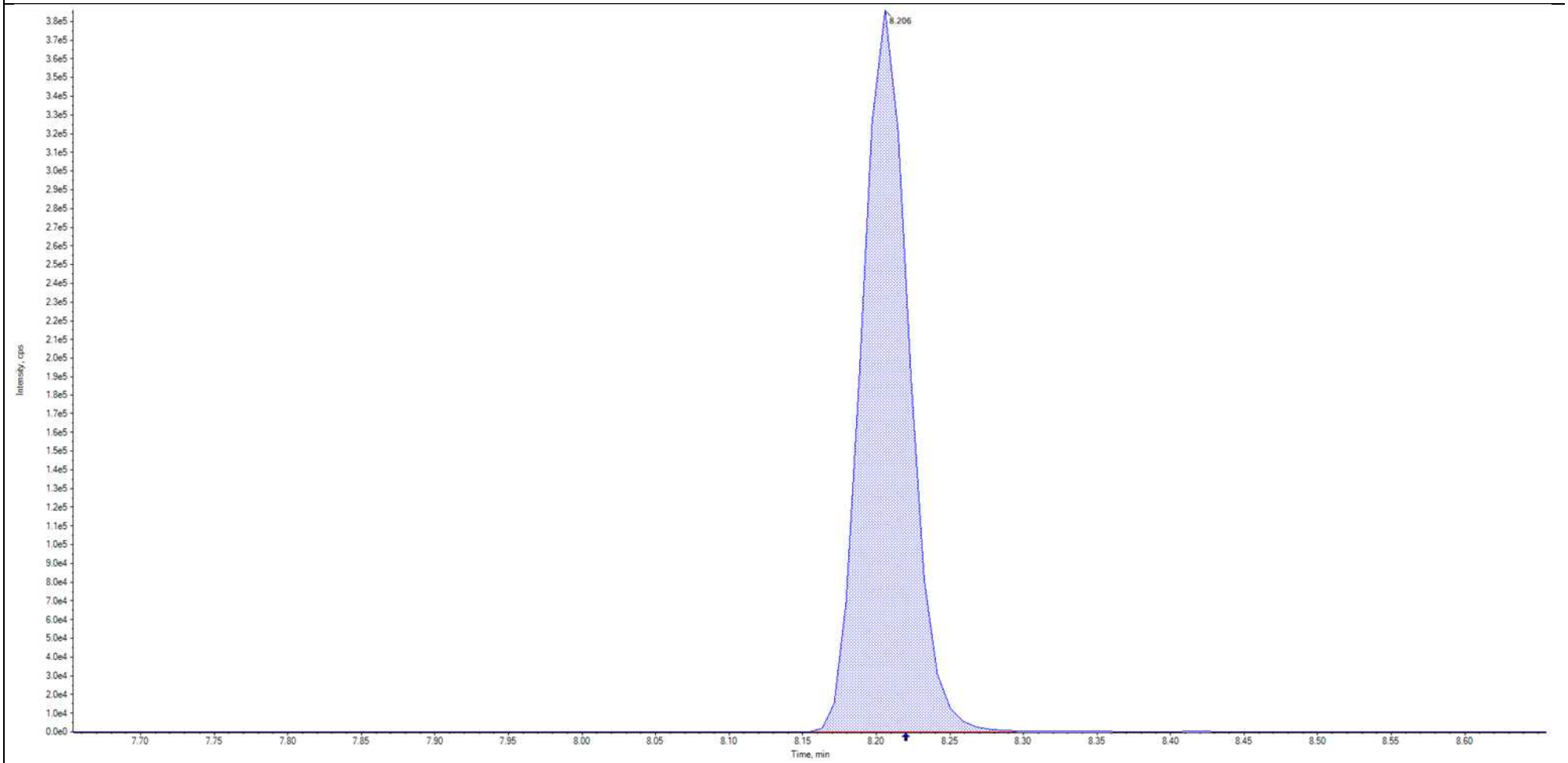
d3-NMeFOSA
Sample: WG1972379-2,1633LOW



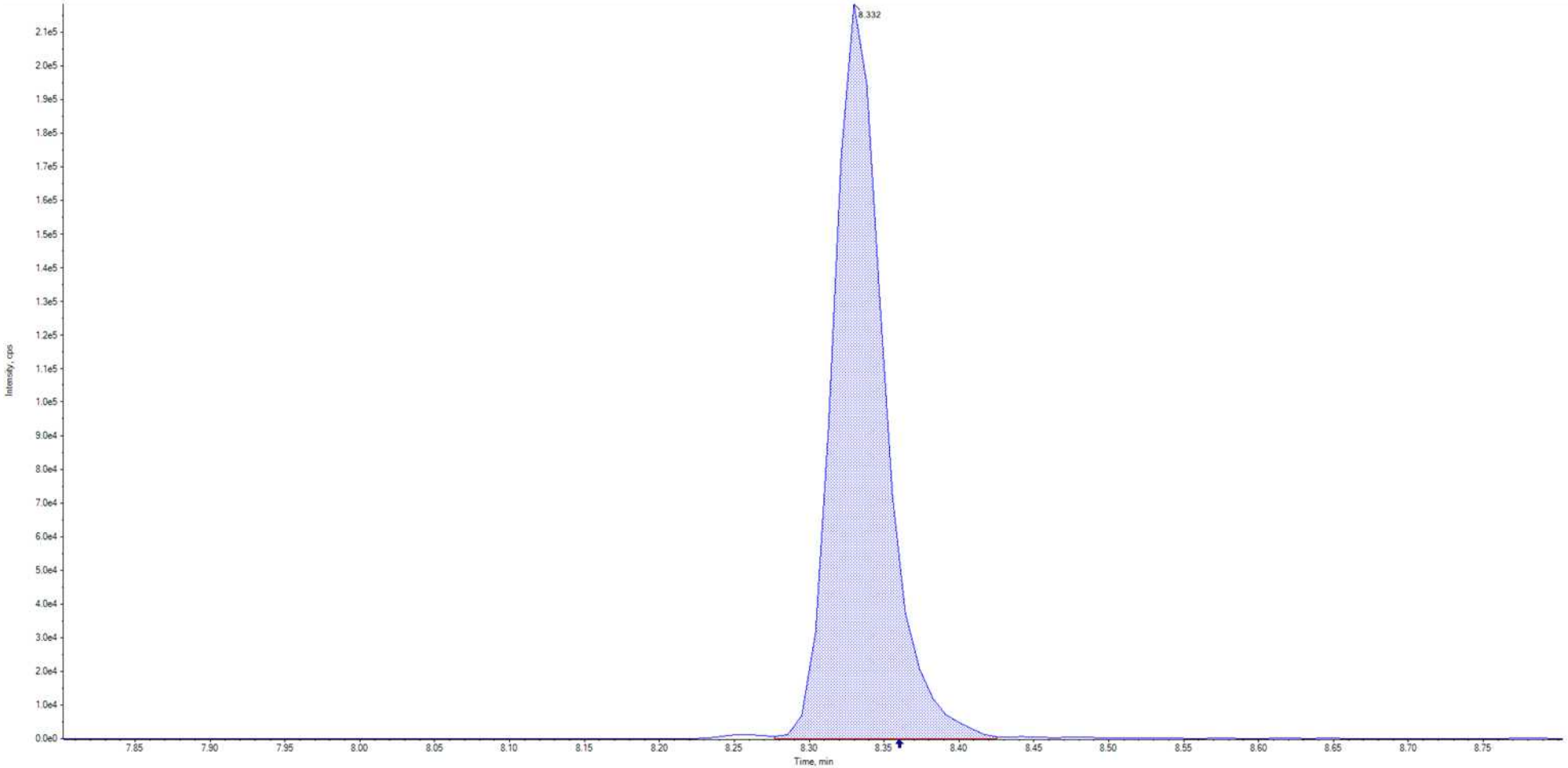
d5-NEtFOSA
Sample: WG1972379-2,1633LOW



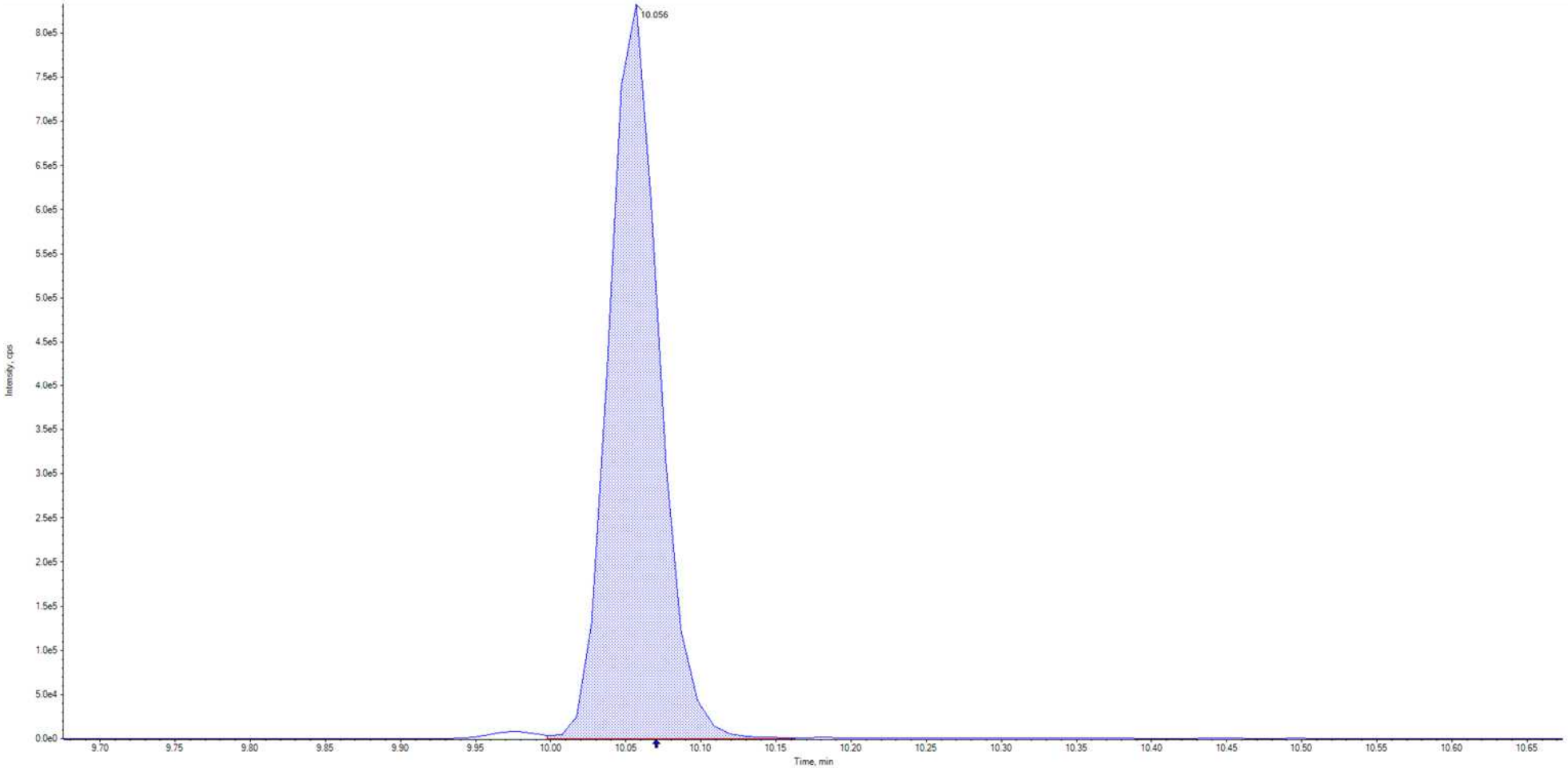
d3-NMeFOSAA
Sample: WG1972379-2,1633LOW



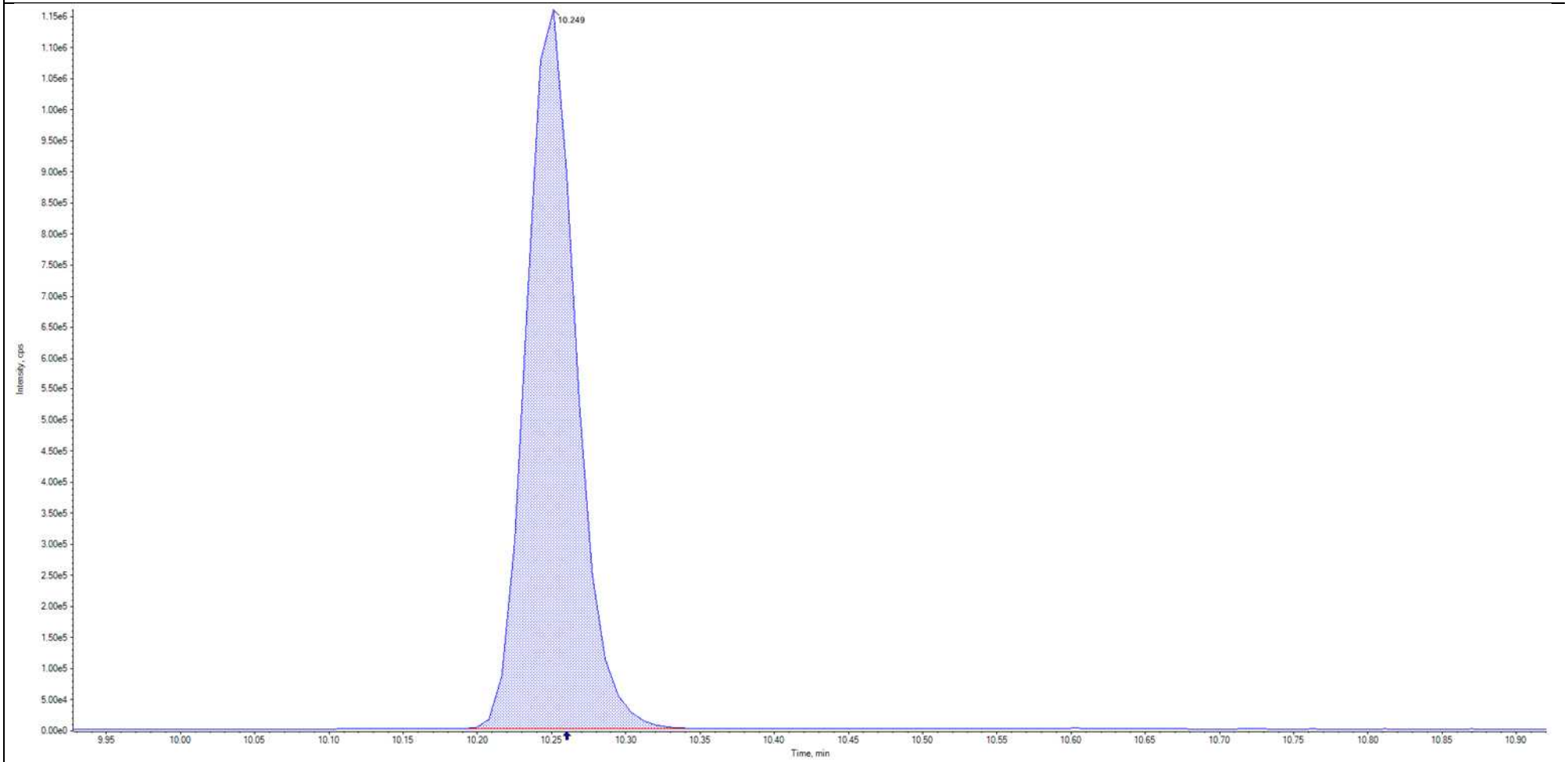
d5-NEtFOSAA
Sample: WG1972379-2,1633LOW



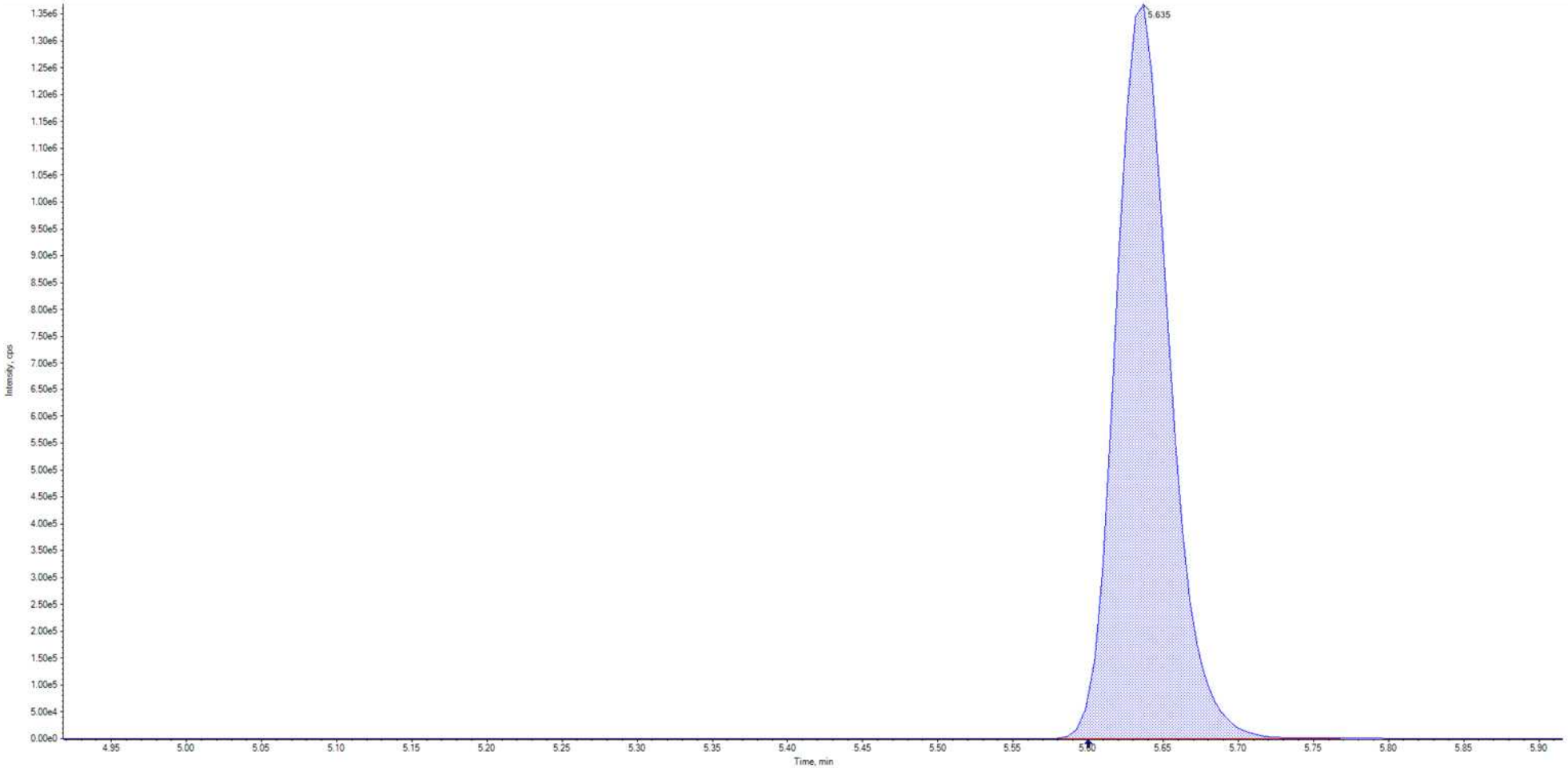
d7-NMeFOSE
Sample: WG1972379-2,1633LOW



d9-NEtFOSE
Sample: WG1972379-2,1633LOW

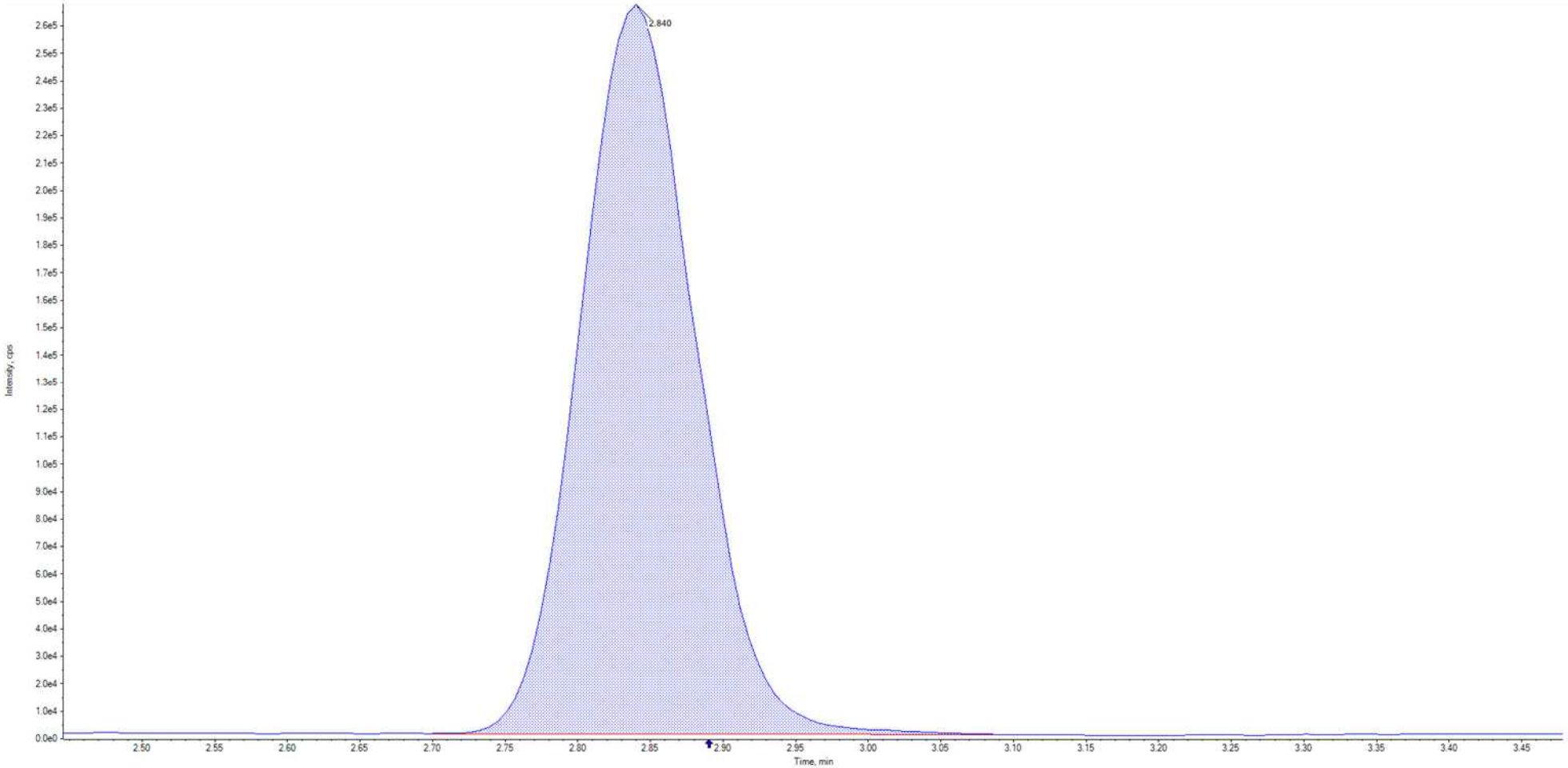


13C3-HFPO-DA
Sample: WG1972379-2,1633LOW

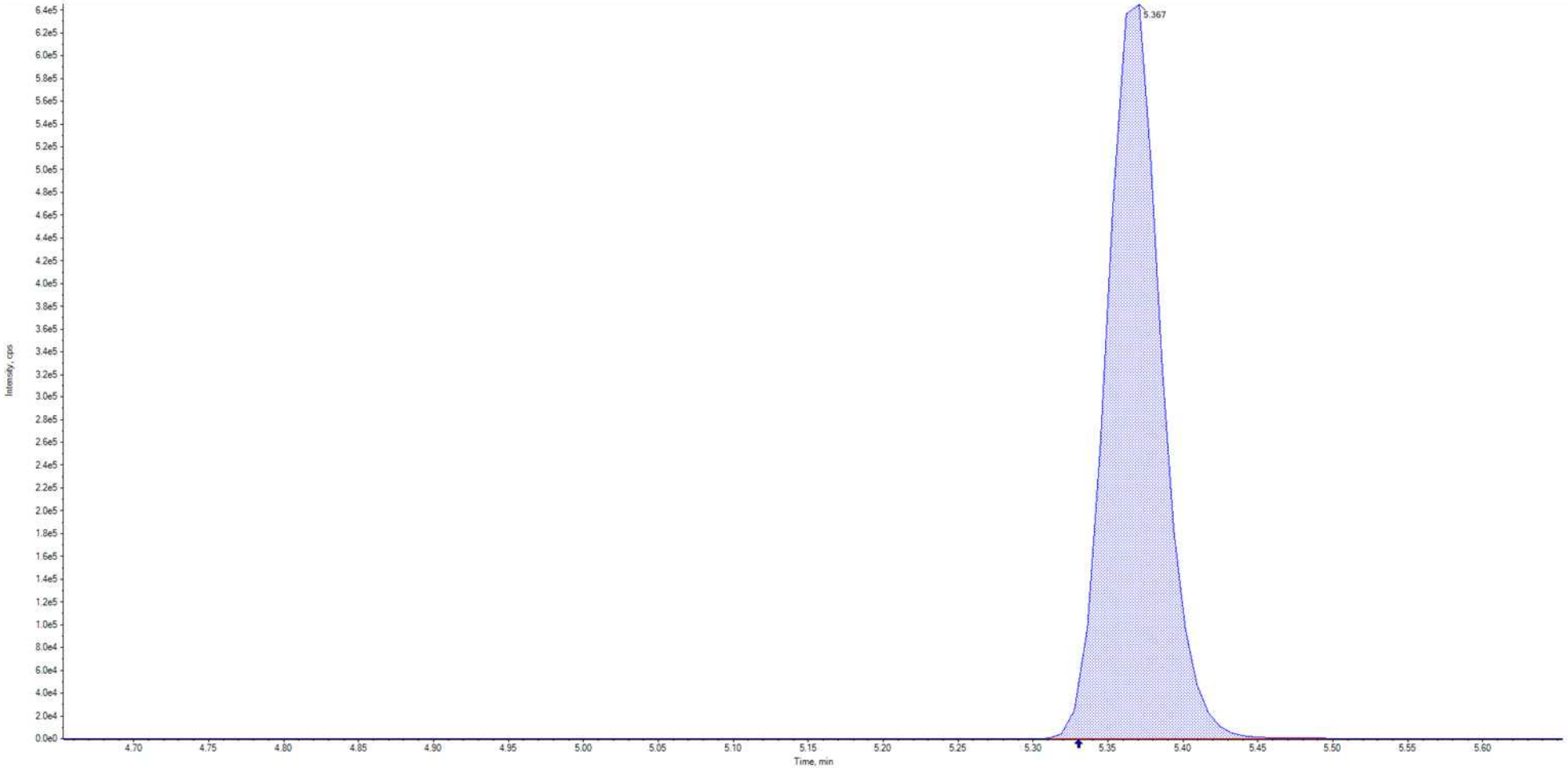


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
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Generated: 9/17/2024 6:15:27 AM

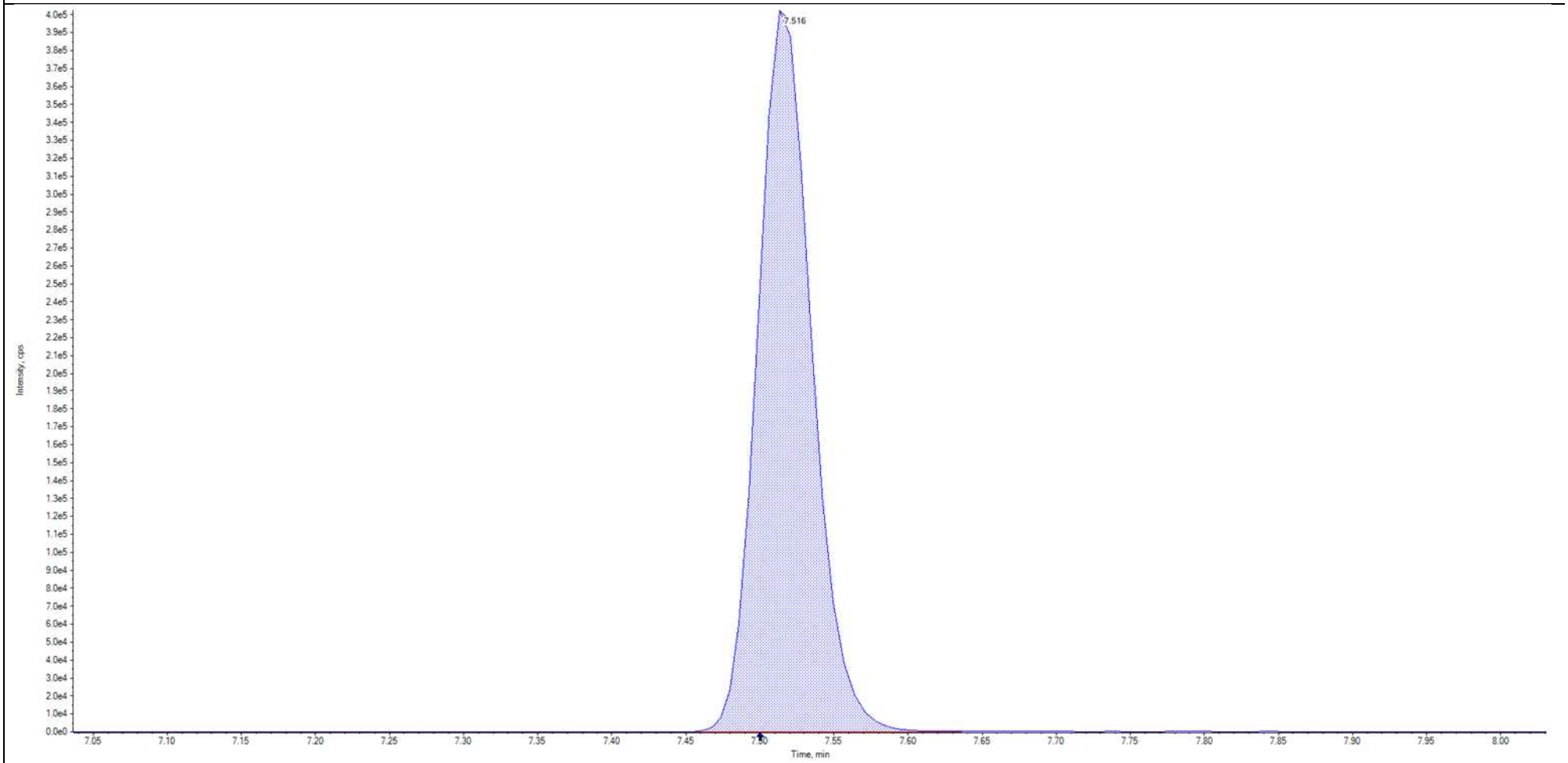
13C3-PFBA
Sample: WG1972379-2,1633LOW



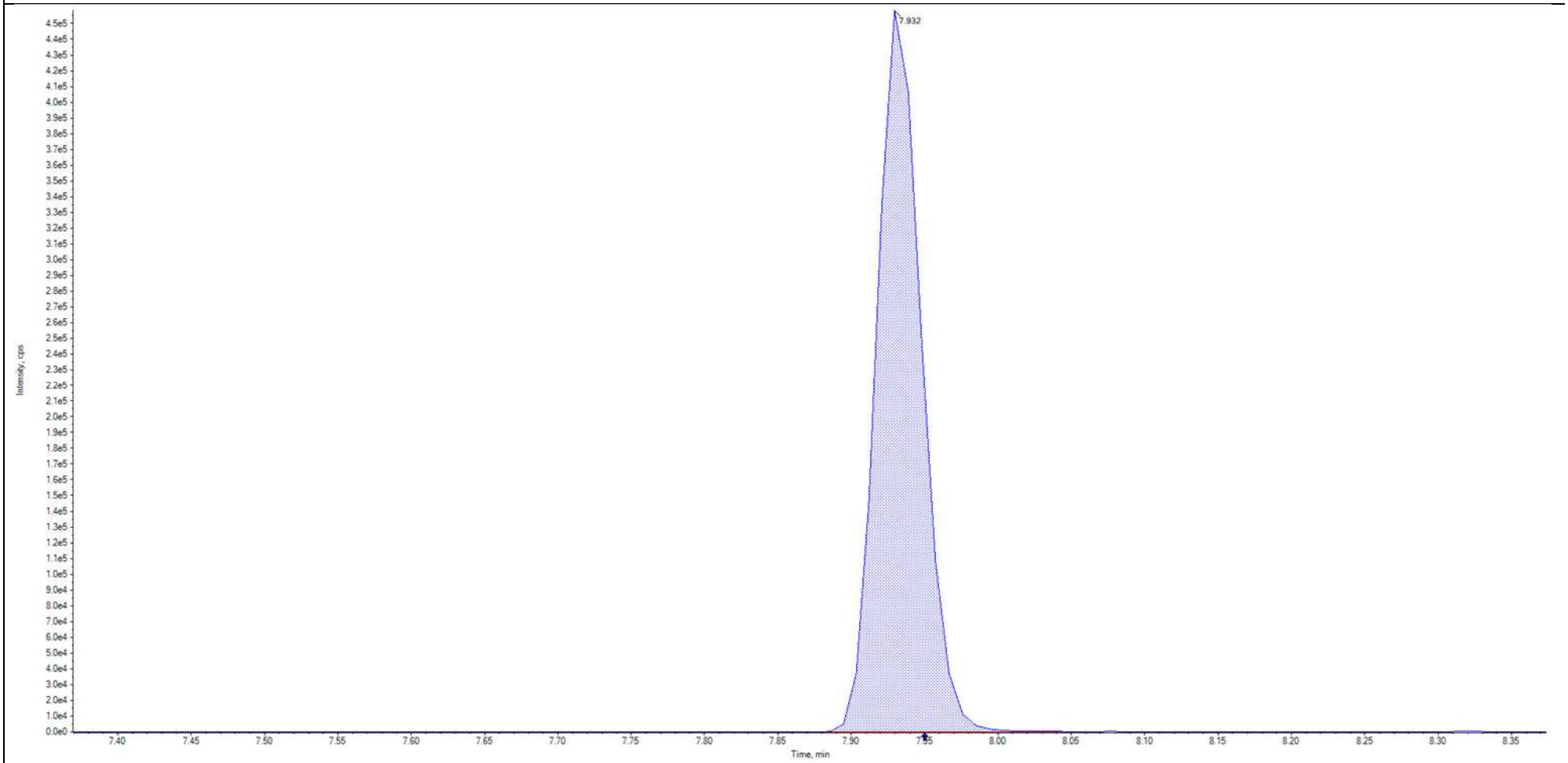
13C2-PFHxA
Sample: WG1972379-2,1633LOW



13C4-PFOA
Sample: WG1972379-2,1633LOW

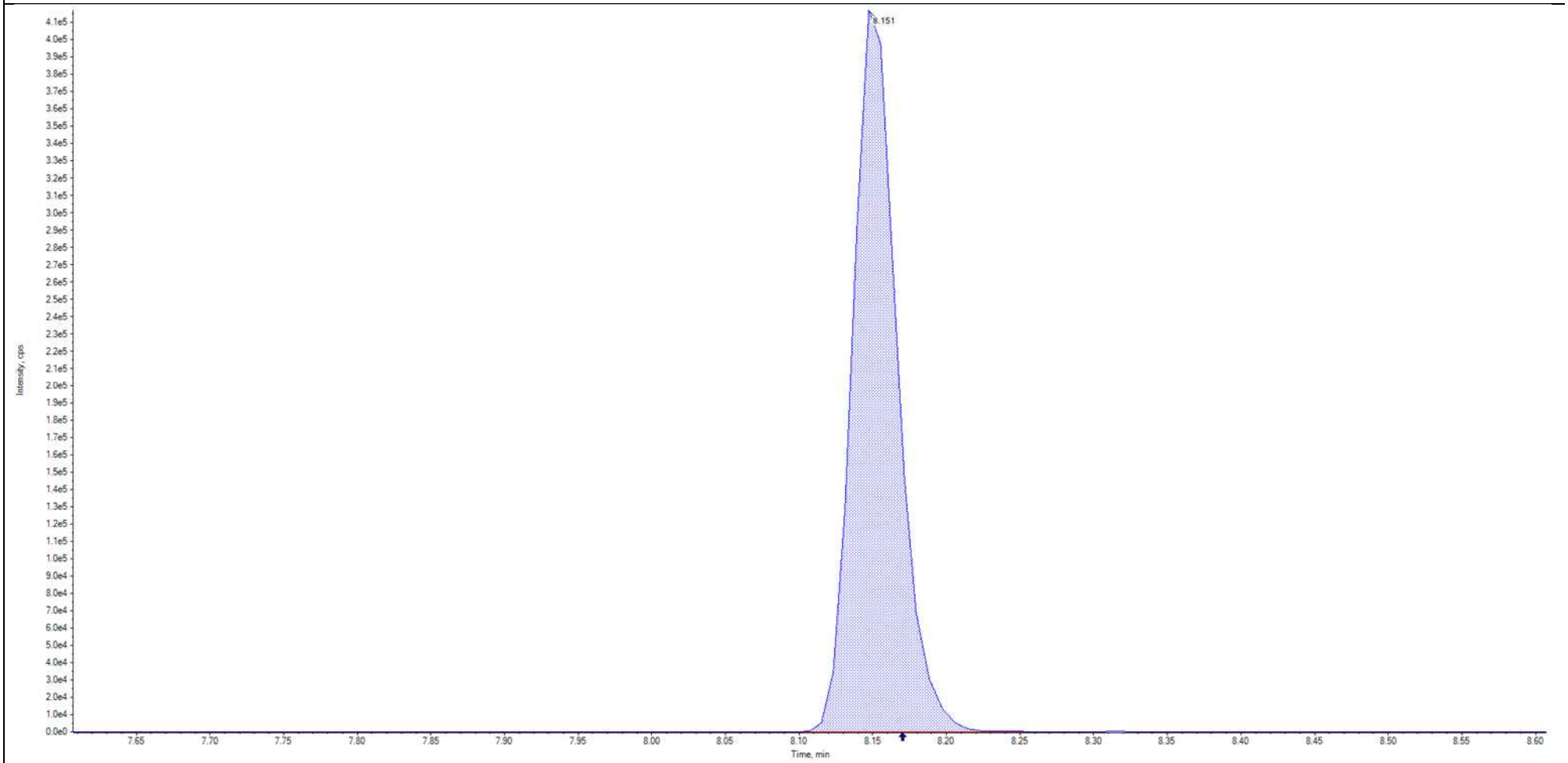


13C5-PFNA
Sample: WG1972379-2,1633LOW

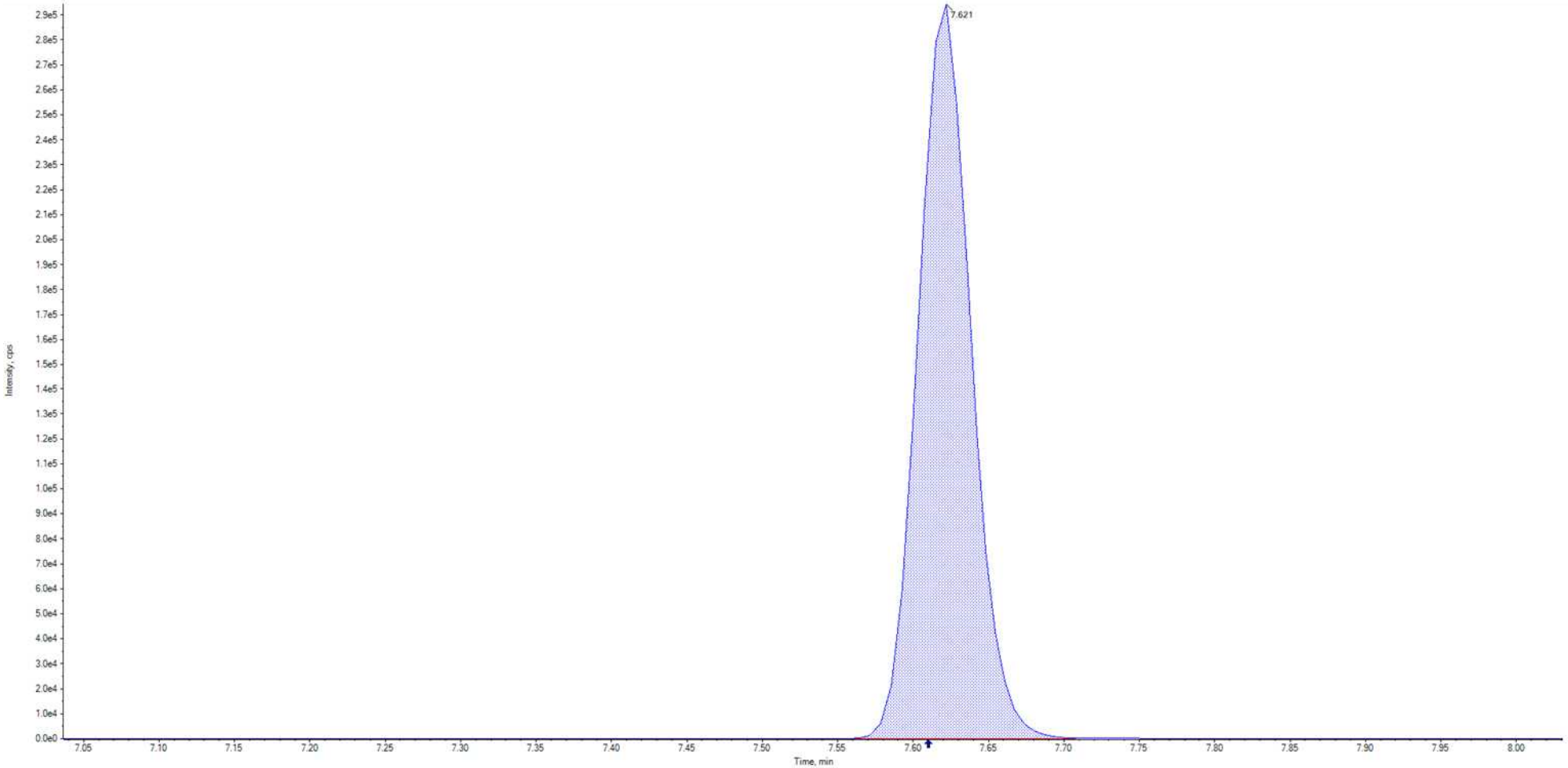


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C2-PFDA
Sample: WG1972379-2,1633LOW

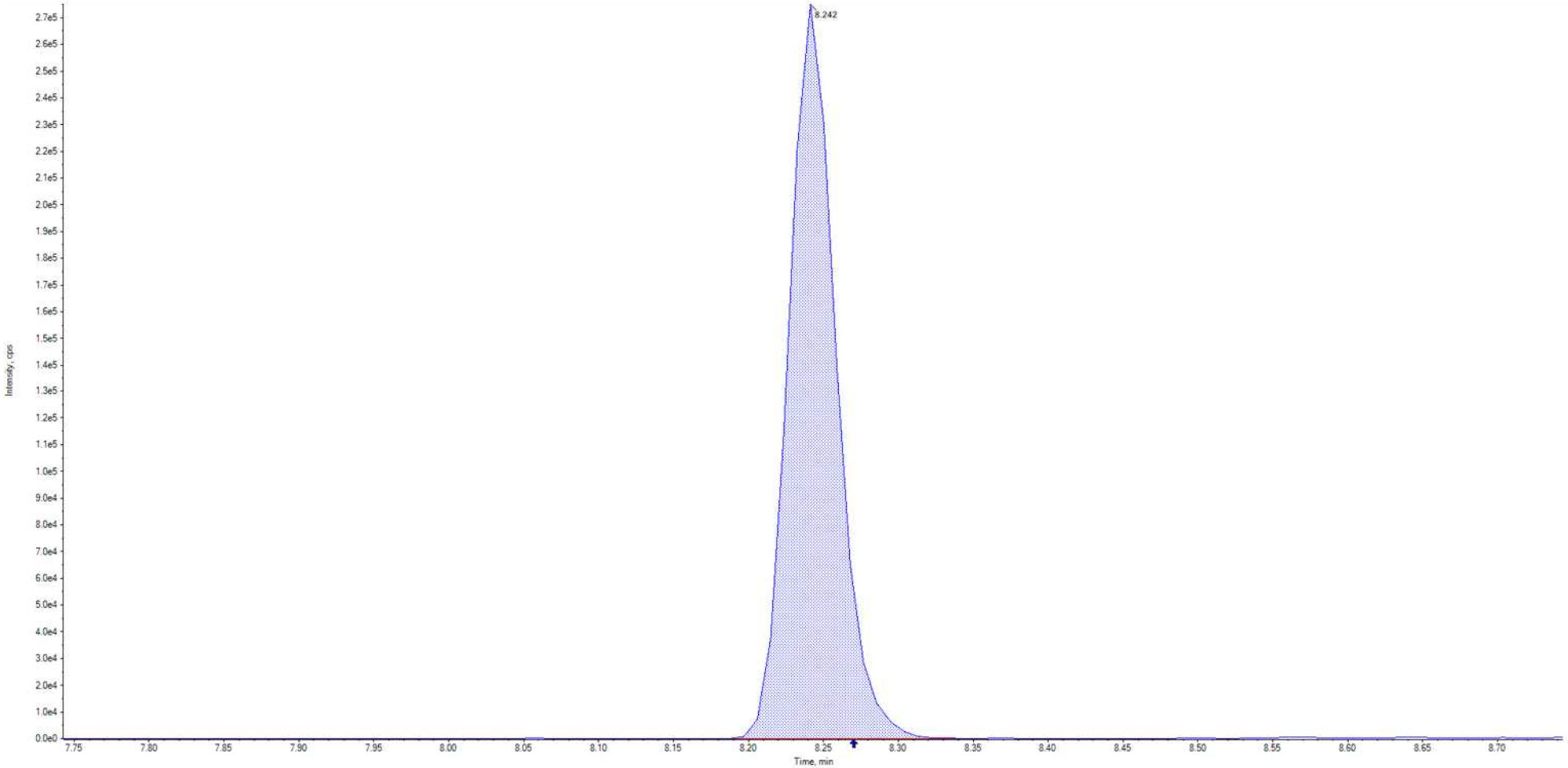


18O2-PFHxS
Sample: WG1972379-2,1633LOW



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C4-PFOS
Sample: WG1972379-2,1633LOW



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_05.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: WG1972379-3,1633MED
Name: SCI05_240917_06.wiff
Date & Time: 2024-09-17T06:02:43
Description: WG1972379,WG1970000,ICAL21391,1633MED
Instrument: Triple Quad 5500+
User: LCMS05:AC

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.85	213.0 / 169.0	2829041		10.850	N/A	N/A	N/A	108.5
2	PFPeA	2706-90-3	4.67	263.0 / 219.0	2292462		5.823	0.007	0.007	N/A	116.5
3	PFPeA_2	2706-90-3	4.67	263.0 / 68.9	15597		5.611	0.007	0.007	N/A	112.2
4	PFHxA	307-24-4	5.37	313.0 / 269.0	1612997		2.765	0.080	0.072	Pass	110.6
5	PFHxA_2	307-24-4	5.37	313.0 / 119.0	129315		3.000	0.080	0.072	Pass	120.0
6	PFHpA	375-85-9	6.30	363.1 / 319.0	1573684		2.699	0.307	0.297	Pass	108.0
7	PFHpA_2	375-85-9	6.30	363.1 / 169.0	483566		2.710	0.307	0.297	Pass	108.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.51	413.1 / 369.1	969421	M5	2.480	0.588	0.586	Pass	99.2
9	PFOA_2	335-67-1	7.51	413.1 / 169.0	570013	M7	2.661	0.588	0.586	Pass	106.4
10	PFNA	375-95-1	7.93	462.8 / 418.9	1468664	M5	2.770	0.321	0.313	Pass	110.8
11	PFNA_2	375-95-1	7.93	462.8 / 218.9	471508	M7	2.910	0.321	0.313	Pass	116.4
12	PFDA	335-76-2	8.15	513.1 / 469.1	1669395		2.783	0.153	0.142	Pass	111.3
13	PFDA_2	335-76-2	8.15	513.1 / 219.0	255683		2.844	0.153	0.142	Pass	113.7
14	PFUnA	2058-94-8	8.43	563.1 / 519.1	1306427		2.741	0.183	0.194	Pass	109.6
15	PFUnA_2	2058-94-8	8.43	563.1 / 269.0	239115		2.590	0.183	0.194	Pass	103.6
16	PFDoA	307-55-1	8.84	613.1 / 569.1	1344656		2.016	0.168	0.167	Pass	80.6
17	PFDoA_2	307-55-1	8.84	613.1 / 319.0	225638		2.002	0.168	0.167	Pass	80.1
18	PFTrDA	72629-94-8	9.40	663.1 / 619.1	814056		2.048	0.225	0.228	Pass	81.9
19	PFTrDA_2	72629-94-8	9.40	663.1 / 169.0	183398		2.072	0.225	0.228	Pass	82.9
20	PFTeDA	376-06-7	9.86	713.1 / 669.1	1375180		2.659	0.134	0.137	Pass	106.4
21	PFTeDA_2	376-06-7	9.86	713.1 / 169.0	184411		2.607	0.134	0.137	Pass	104.3
22	PFBS	375-73-5	5.34	299.1 / 80.1	1035595		2.474	0.395	0.396	Pass	111.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.34	299.1 / 99.1	409567		2.455	0.395	0.396	Pass	110.7
24	PFPeS	2706-91-4	6.38	349.1 / 80.1	871529		2.425	0.301	0.299	Pass	103.1
25	PFPeS_2	2706-91-4	6.38	349.1 / 99.1	262301		2.419	0.301	0.299	Pass	102.8
26	PFHxS	355-46-4	7.61	399.1 / 80.1	776028	M5	2.307	0.320	0.315	Pass	101.0
27	PFHxS_2	355-46-4	7.61	399.1 / 99.1	247998	M7	2.374	0.320	0.315	Pass	103.9
28	PFHpS	375-92-8	8.00	449.1 / 80.1	862989		2.649	0.272	0.287	Pass	111.2
29	PFHpS_2	375-92-8	8.00	449.1 / 99.1	235061		2.462	0.272	0.287	Pass	103.3
30	PFOS	1763-23-1	8.24	499.1 / 80.1	858738	M5	2.476	0.236	0.238	Pass	106.7
31	PFOS_2	1763-23-1	8.24	499.1 / 99.1	202435	M7	2.382	0.236	0.238	Pass	102.7
32	PFNS	68259-12-1	8.57	549.1 / 80.1	629060		2.825	0.304	0.301	Pass	117.5
33	PFNS_2	68259-12-1	8.57	549.1 / 99.1	191182		2.834	0.304	0.301	Pass	117.9
34	PFDS	335-77-3	9.06	599.1 / 80.1	558633		2.546	0.280	0.275	Pass	105.6
35	PFDS_2	335-77-3	9.06	599.1 / 99.1	156675		2.591	0.280	0.275	Pass	107.4
36	PFDoS	79780-39-5	9.96	699.2 / 80.1	551348		2.744	0.290	0.274	Pass	113.2
37	PFDoS_2	79780-39-5	9.96	699.2 / 99.1	160011		2.898	0.290	0.274	Pass	119.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.16	327.1 / 307.1	1404283		7.704	0.620	0.516	Pass	82.2
39	4:2FTS_2	757124-72-4	5.16	327.1 / 81.1	870617		8.928	0.620	0.516	Pass	95.2
40	6:2FTS	27619-97-2	7.13	427.2 / 407.2	917702		10.161	0.572	0.565	Pass	107.0
41	6:2FTS_2	27619-97-2	7.13	427.2 / 81.1	524524		10.737	0.572	0.565	Pass	113.0
42	8:2FTS	39108-34-4	8.05	527.2 / 507.2	1299569		11.366	0.680	0.662	Pass	118.4
43	8:2FTS_2	39108-34-4	8.05	527.2 / 81.1	883997		11.398	0.680	0.662	Pass	118.7
44	PFOSA	754-91-6	9.52	498.1 / 78.1	910130	M5	2.645	0.024	0.025	Pass	105.8
45	PFOSA_2	754-91-6	9.52	498.1 / 478.0	21636	M7	2.397	0.024	0.025	Pass	95.9
46	NMeFOSA	31506-32-8	10.15	512.2 / 219.0	265807	M5	2.765	1.499	1.551	Pass	110.6
47	NMeFOSA_2	31506-32-8	10.11	512.2 / 169.0	398398	M7	2.675	1.499	1.551	Pass	107.0
48	NEtFOSA	4151-50-2	10.36	526.2 / 219.0	257558	M5	2.624	1.352	1.285	Pass	105.0
49	NEtFOSA_2	4151-50-2	10.32	526.2 / 169.0	348141	M7	2.649	1.352	1.285	Pass	106.0
50	NMeFOSAA	2355-31-9	8.20	570.2 / 419.1	206833		3.046	0.730	0.700	Pass	121.8
51	NMeFOSAA_2	2355-31-9	8.20	570.2 / 483.0	150956	M7	3.495	0.730	0.700	Pass	139.8
52	NEtFOSAA	2991-50-6	8.34	584.2 / 419.1	250680		2.736	0.441	0.487	Pass	109.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.34	584.2 / 526.2	110450	M7	2.619	0.441	0.487	Pass	104.8
54	NMeFOSE	24448-09-7	10.07	616.1 / 58.9	4810937	M5	25.504	N/A	N/A	N/A	102.0
55	NEtFOSE	1691-99-2	10.26	630.0 / 58.9	8153710	M5	25.863	N/A	N/A	N/A	103.5
56	HFPO-DA	13252-13-6	5.63	285.0 / 169.0	3457392		11.066	0.476	0.464	Pass	110.7
57	HFPO-DA_2	13252-13-6	5.63	285.0 / 184.9	1645962		11.330	0.476	0.464	Pass	113.3
58	ADONA	919005-14-4	6.76	377.1 / 251.0	7109151		10.006	0.672	0.634	Pass	105.9
59	ADONA_2	919005-14-4	6.76	377.1 / 84.8	4774805		10.386	0.672	0.634	Pass	109.9
60	9Cl-PF3ONS	756426-58-1	8.45	530.8 / 351.1	7734823		11.041	0.329	0.322	Pass	118.1
61	9Cl-PF3ONS_2	756426-58-1	8.45	532.8 / 353.0	2541867		11.142	0.329	0.322	Pass	119.2
62	11Cl-PF3OUdS	763051-92-9	9.48	630.9 / 451.0	4840145		10.938	0.336	0.331	Pass	115.7
63	11Cl-PF3OUdS_2	763051-92-9	9.47	632.9 / 452.9	1626959		10.924	0.336	0.331	Pass	115.6
64	3:3FTCA	356-02-5	4.95	241.1 / 177.1	555234		16.260	0.892	1.074	Pass	130.1
65	3:3FTCA_2	356-02-5	4.95	241.1 / 117.0	495384		14.485	0.892	1.074	Pass	115.9
66	5:3FTCA	914637-49-3	7.22	341.1 / 237.1	7564823		71.486	0.984	0.953	Pass	114.4
67	5:3FTCA_2	914637-49-3	7.22	341.1 / 217.0	7445495		74.357	0.984	0.953	Pass	119.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.20	441.1 / 316.9	5864592		49.781	1.784	1.558	Pass	79.7
69	7:3FTCA_2	812-70-4	8.20	441.1 / 337.1	10461798		61.197	1.784	1.558	Pass	97.9
70	PFEESA	113507-82-7	5.74	315.1 / 135.0	5388561		5.324	0.083	0.087	Pass	119.7
71	PFEESA_2	113507-82-7	5.74	315.1 / 82.9	448605		5.131	0.083	0.087	Pass	115.3
72	PFMPA	377-73-1	3.90	229.0 / 85.0	285966		6.001	N/A	N/A	N/A	120.0
73	PFMBA	863090-89-5	4.90	279.0 / 85.0	3383861		5.267	N/A	N/A	N/A	105.3
74	NFDHA	151772-58-6	5.28	295.0 / 201.0	637839		5.987	0.905	0.910	Pass	119.7
75	NFDHA_2	151772-58-6	5.28	295.0 / 84.9	577272		5.910	0.905	0.910	Pass	118.2
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.15	333.2 / 312.1	550841		2.351	N/A	N/A	N/A	47.0
79	13C2-PFOA	Surr	7.51	415.0 / 370.0	1907258		1.194	N/A	N/A	N/A	47.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.85	217.0 / 172.0	3215373		10.141	NA	NA	NA	101.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.67	268.0 / 223.0	2134892		5.566	NA	NA	NA	111.3
	13C5-PFHxA	EIS	5.36	318.0 / 273.0	1196888		2.376	NA	NA	NA	95.0
	13C4-PFHpA	EIS	6.29	367.0 / 322.0	1244703		2.468	NA	NA	NA	98.7
	13C8-PFOA	EIS	7.51	421.0 / 376.0	1878663		2.605	NA	NA	NA	104.2
	13C9-PFNA	EIS	7.93	472.0 / 427.0	905327		1.211	NA	NA	NA	96.9
	13C6-PFDA	EIS	8.15	519.0 / 474.0	870213		1.242	NA	NA	NA	99.4
	13C7-PFUnA	EIS	8.42	570.0 / 525.0	753934		1.330	NA	NA	NA	106.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.83	615.1 / 570.0	641180		1.739	NA	NA	NA	139.1
	13C2-PFTeDA	EIS	9.85	715.1 / 670.1	515927		1.289	NA	NA	NA	103.1
	13C3-PFBS	EIS	5.33	302.1 / 80.1	997509		2.285	NA	NA	NA	98.1
	13C3-PFHxS	EIS	7.61	402.1 / 80.1	842744		2.431	NA	NA	NA	102.6
	13C8-PFOS	EIS	8.24	507.1 / 80.1	844486		2.365	NA	NA	NA	98.7
	13C2-4:2FTS	EIS	5.15	329.1 / 81.1	436208		5.599	NA	NA	NA	119.4
	13C2-6:2FTS	EIS	7.12	429.2 / 81.1	261782		4.585	NA	NA	NA	96.4
	13C2-8:2FTS	EIS	8.05	529.2 / 81.1	433027		5.183	NA	NA	NA	108.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.51	506.1 / 78.1	1286860		2.711	NA	NA	NA	108.4
	d3-NMeFOSA	EIS	10.14	515.2 / 219.0	224418		2.808	NA	NA	NA	112.3
	d5-NEtFOSA	EIS	10.35	531.2 / 219.0	223450		2.862	NA	NA	NA	114.5
	d3-NMeFOSAA	EIS	8.20	573.2 / 419.1	516022		2.856	NA	NA	NA	57.1
	d5-NEtFOSAA	EIS	8.33	589.3 / 419.1	491473		5.176	NA	NA	NA	103.5
	d7-NMeFOSE	EIS	10.05	623.2 / 58.9	1911627		30.975	NA	NA	NA	123.9
	d9-NEtFOSE	EIS	10.24	639.2 / 58.9	2685588		29.515	NA	NA	NA	118.1

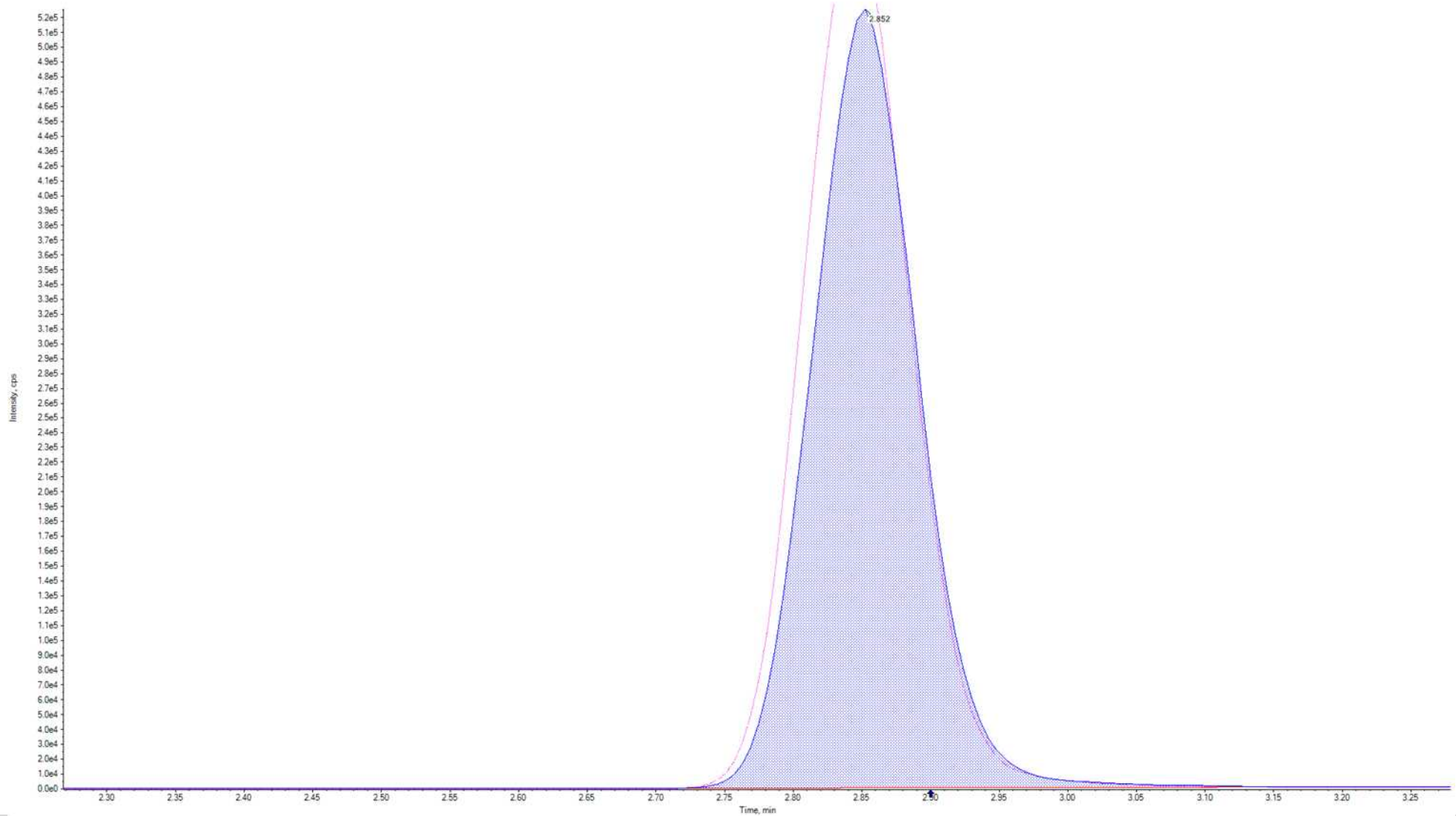
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	13C3-HFPO-DA	EIS	5.63	287.0 / 169.0	3408094		10.208	NA	NA	NA	102.1
	13C3-PFBA	NIS	2.84	216.0 / 172.0	1386941		6.486	NA	NA	NA	129.7
	13C2-PFHxA	NIS	5.36	315.0 / 270.0	1495848		3.055	NA	NA	NA	122.2
	13C4-PFOA	NIS	7.50	417.0 / 372.0	943531		3.014	NA	NA	NA	120.6
	13C5-PFNA	NIS	7.93	468.0 / 423.0	910789		1.663	NA	NA	NA	133.0
	13C2-PFDA	NIS	8.15	515.1 / 470.1	822971		1.606	NA	NA	NA	128.5
	18O2-PFHxS	NIS	7.61	403.1 / 84.1	704719		3.008	NA	NA	NA	126.9
	13C4-PFOS	NIS	8.24	503.1 / 80.1	631667		3.000	NA	NA	NA	125.3

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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

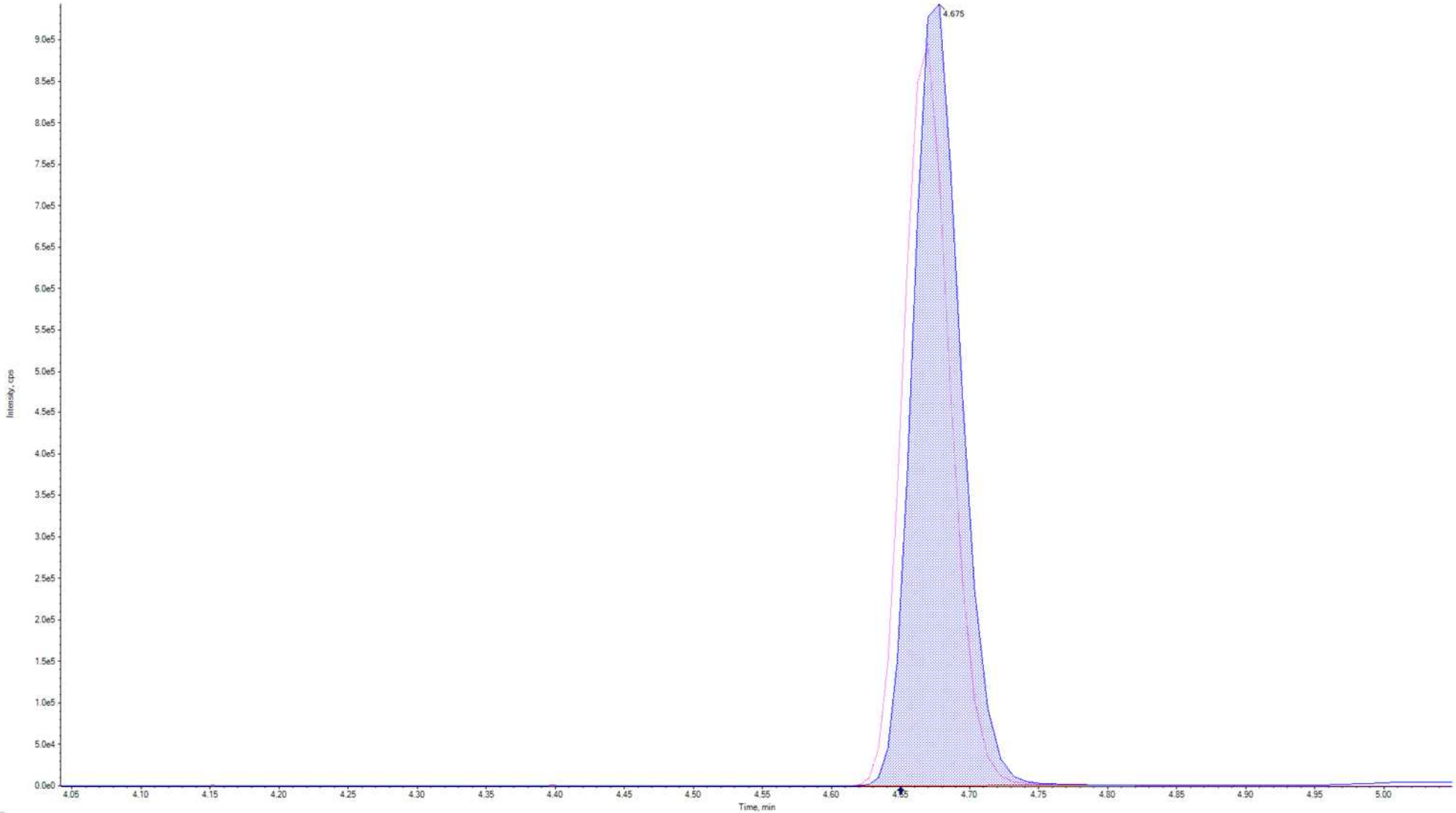
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PFBA
Sample: WG1972379-3,1633MED S/N:2888.3 Points Across peak:85



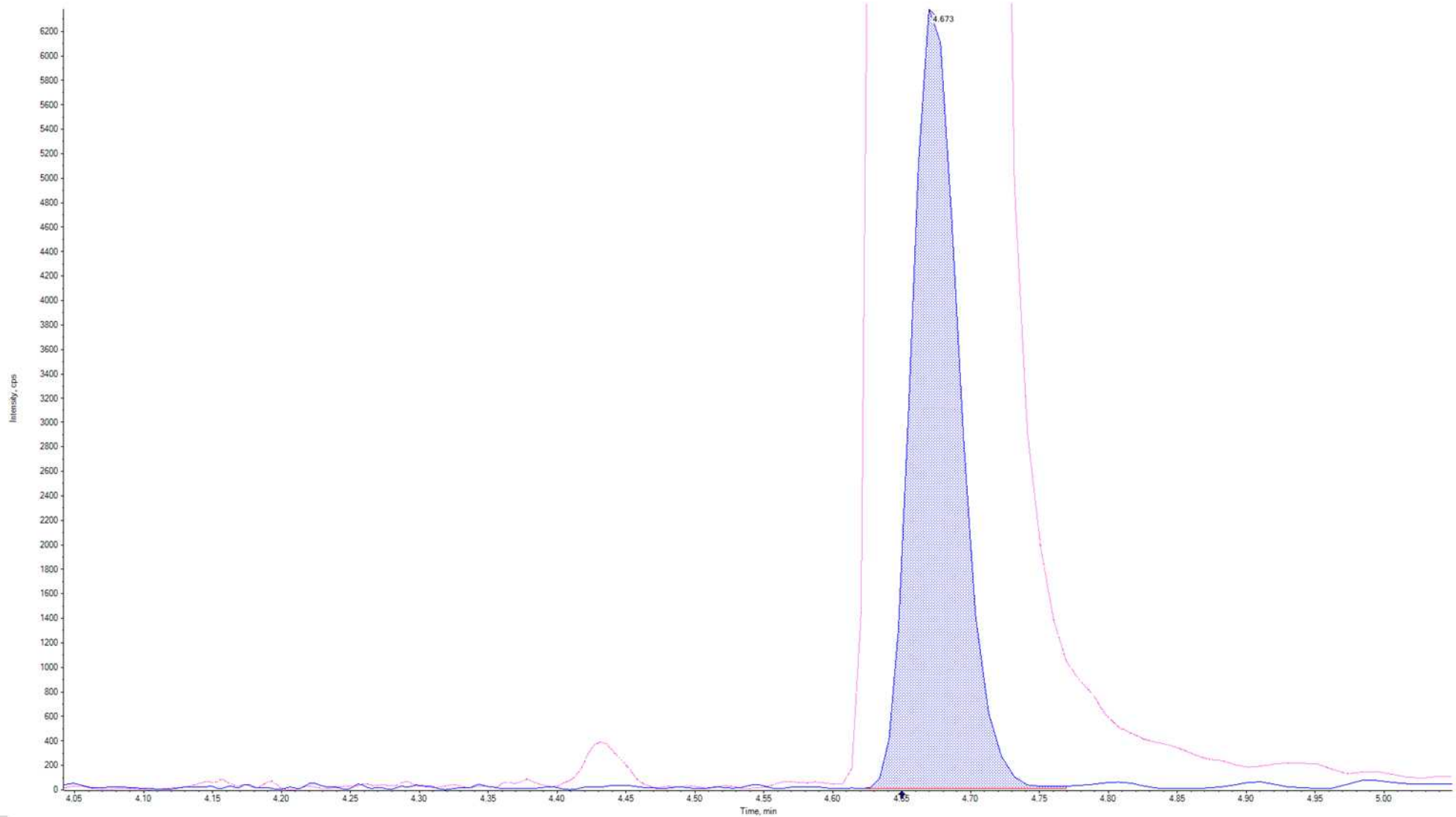
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PFPeA
Sample: WG1972379-3,1633MED S/N:3626.1 Points Across peak:34



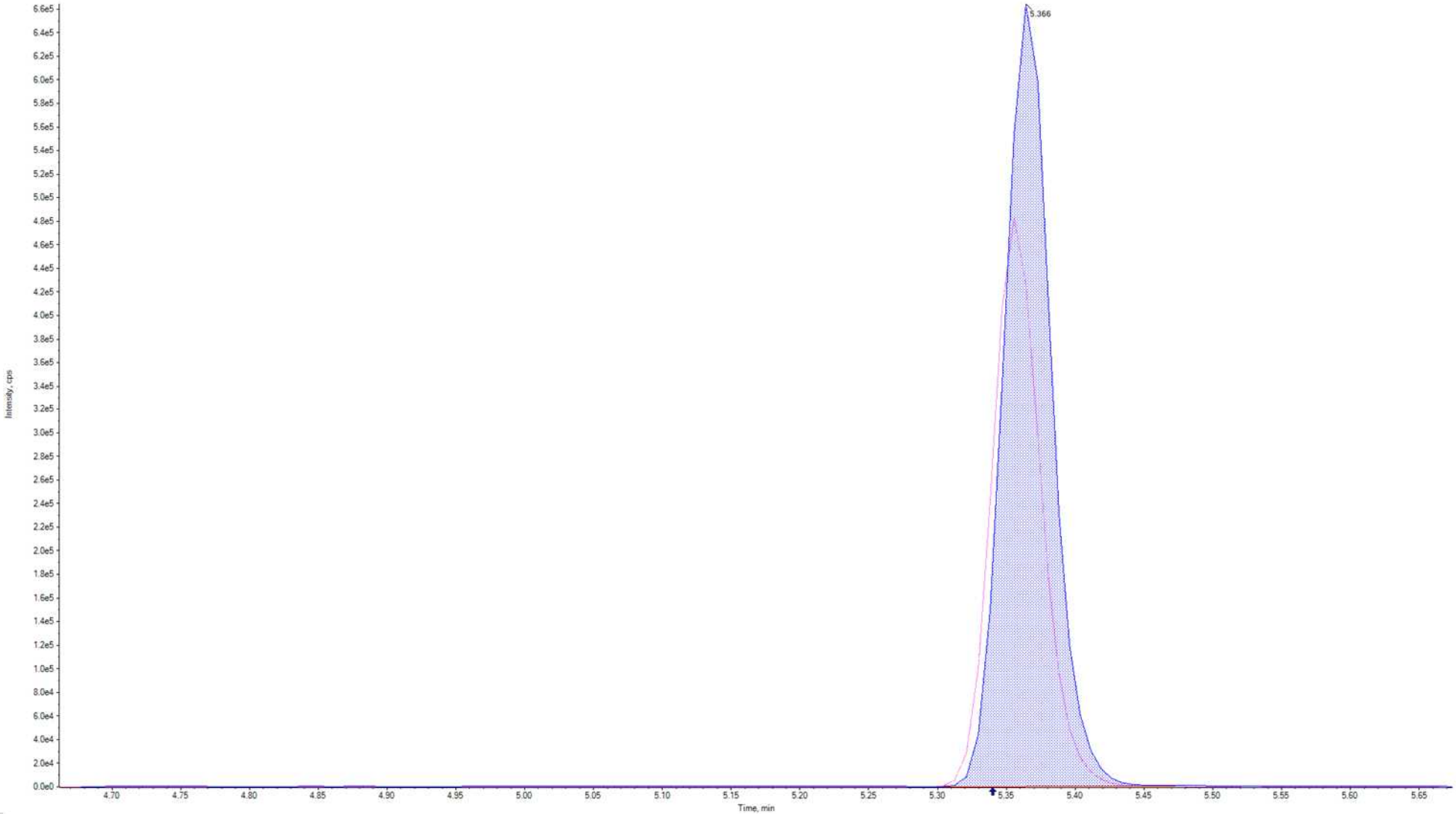
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PFPeA_2
Sample: WG1972379-3,1633MED S/N:1830.0 Points Across peak:19



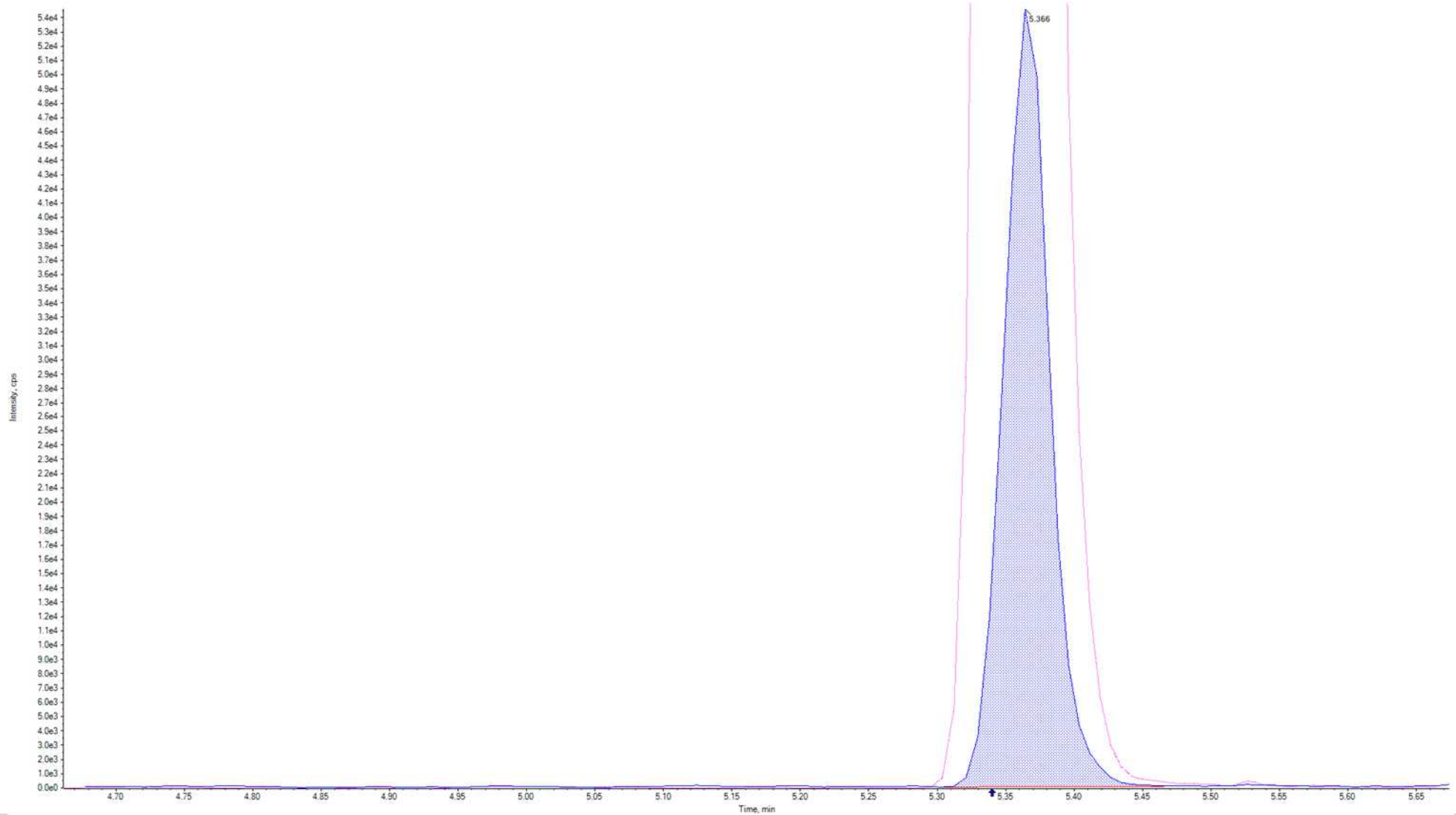
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PFHxA
Sample: WG1972379-3,1633MED S/N:2062.7 Points Across peak:23



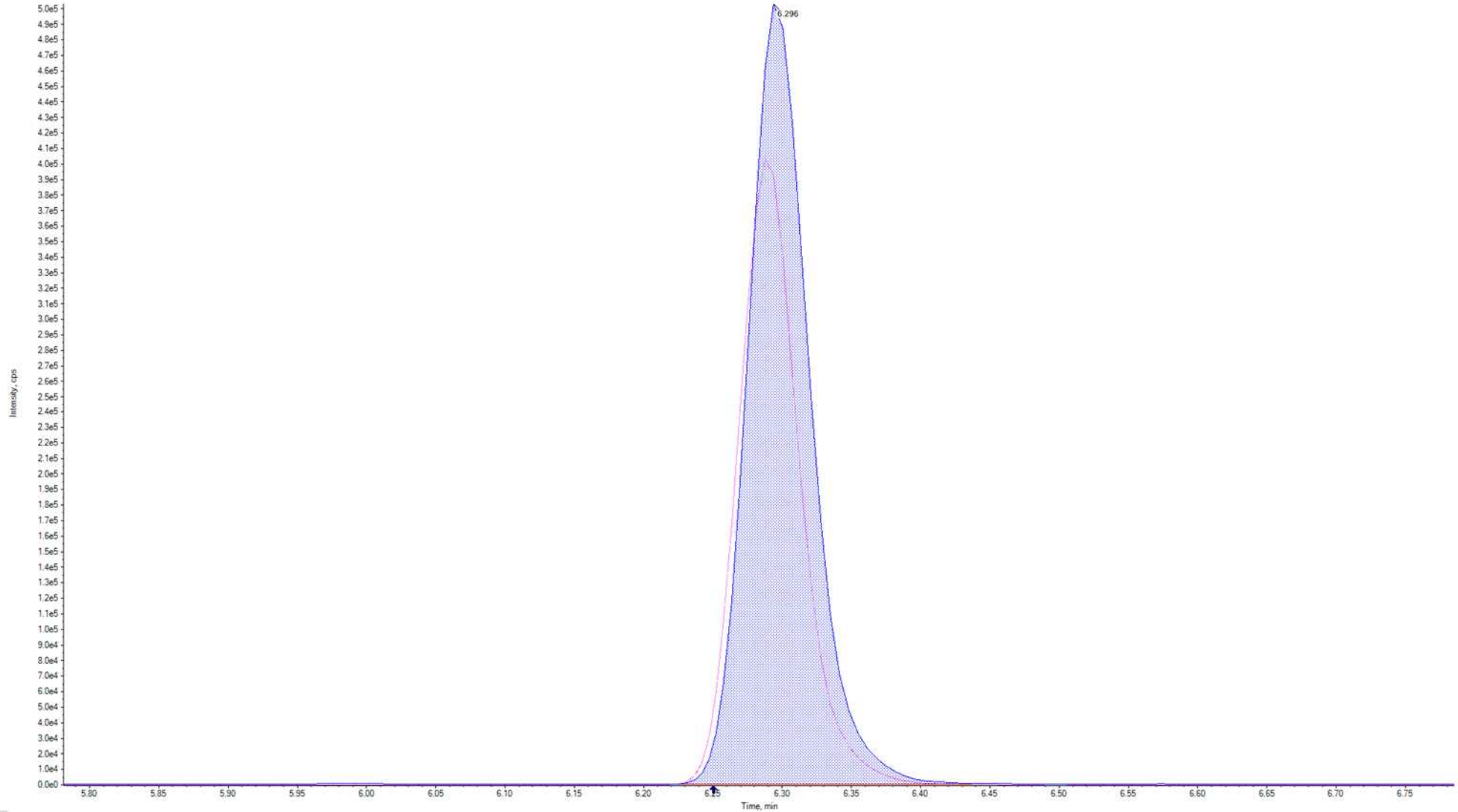
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PFHxA_2
Sample: WG1972379-3,1633MED S/N:1156.7 Points Across peak:21



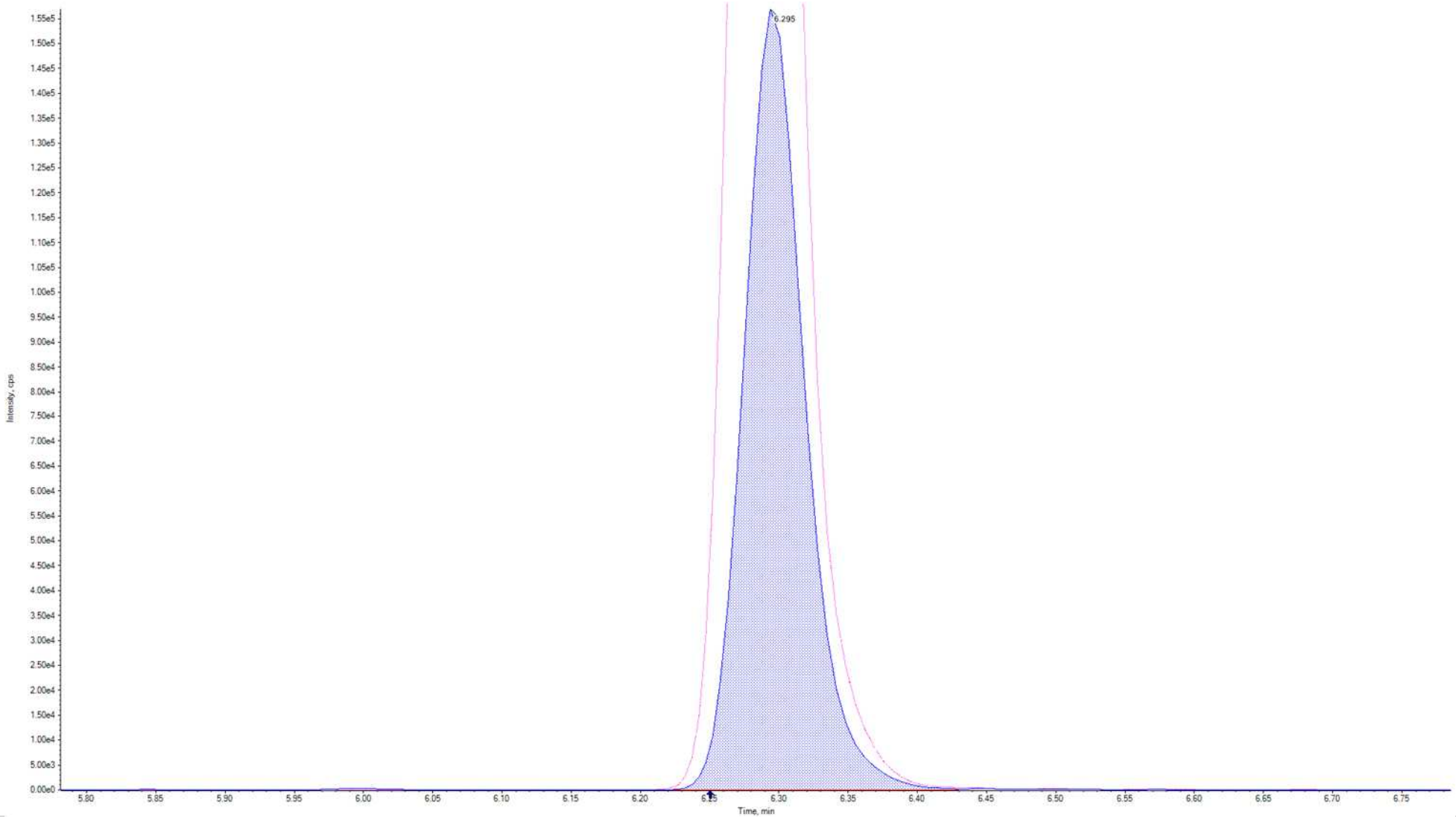
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PFHpA
Sample: WG1972379-3,1633MED S/N:2472.9 Points Across peak:39



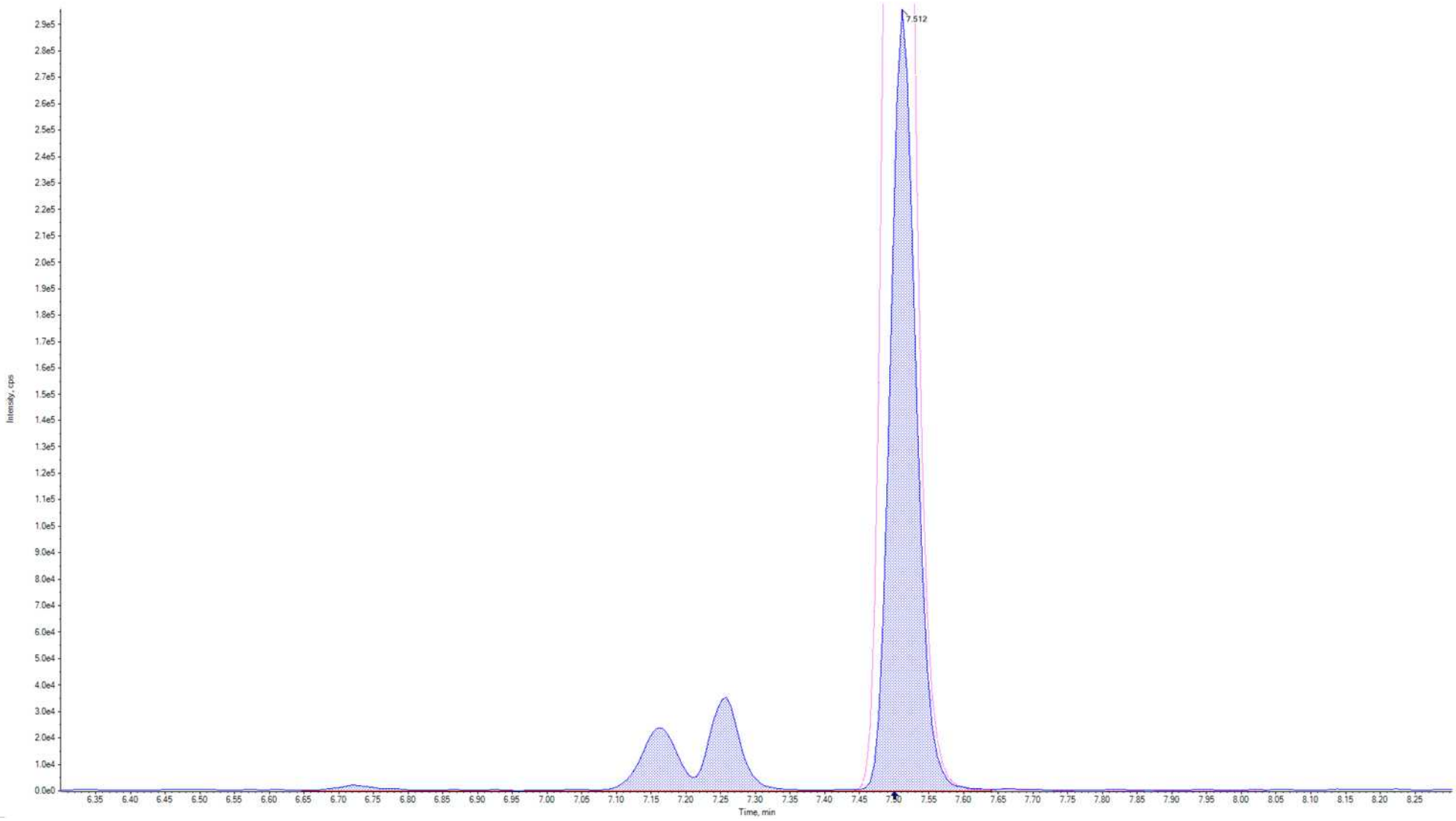
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PFHpA_2
Sample: WG1972379-3,1633MED S/N:14649.5 Points Across peak:38



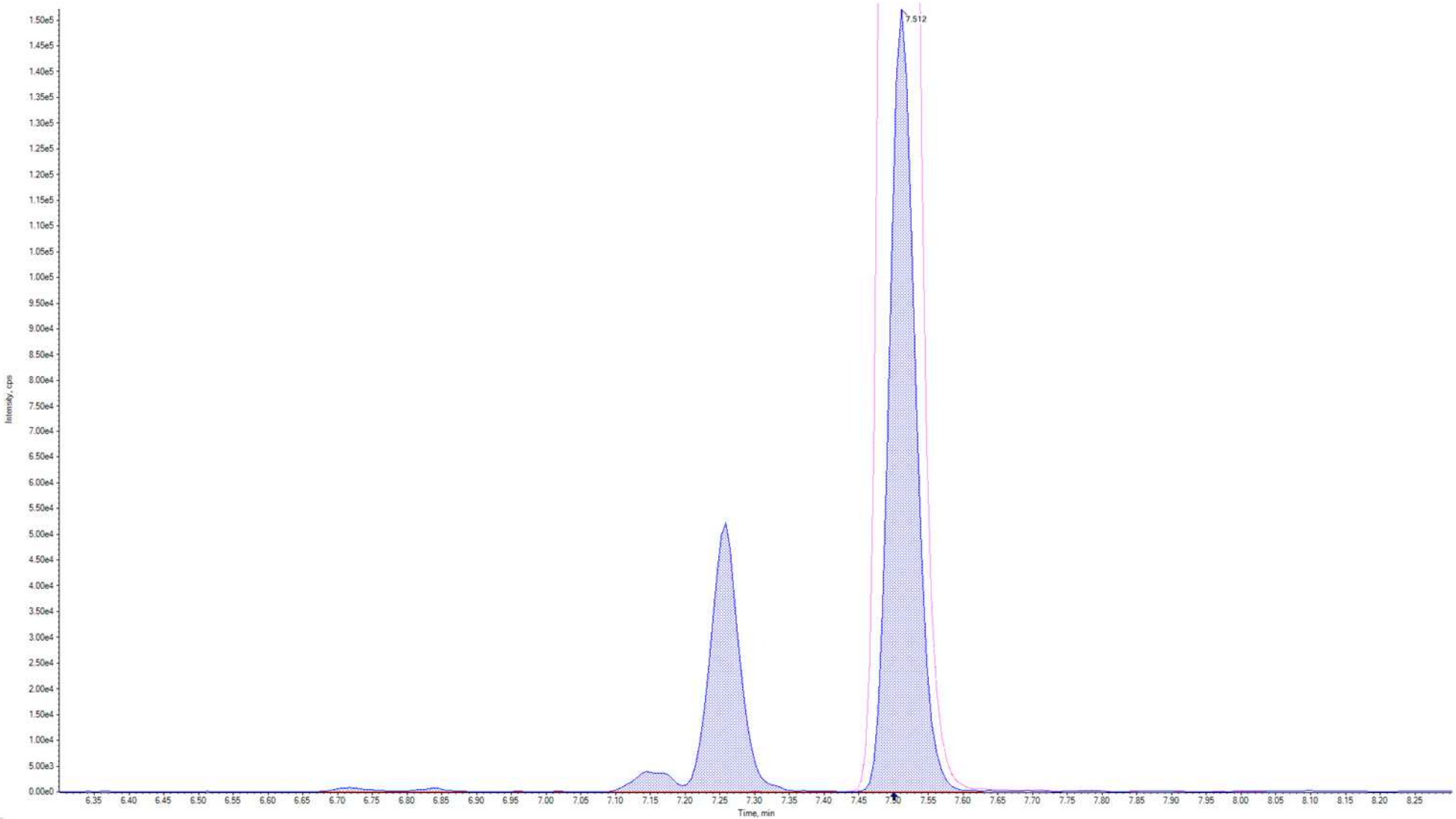
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PFOA
Sample: WG1972379-3,1633MED S/N:2529.5 Points Across peak:152



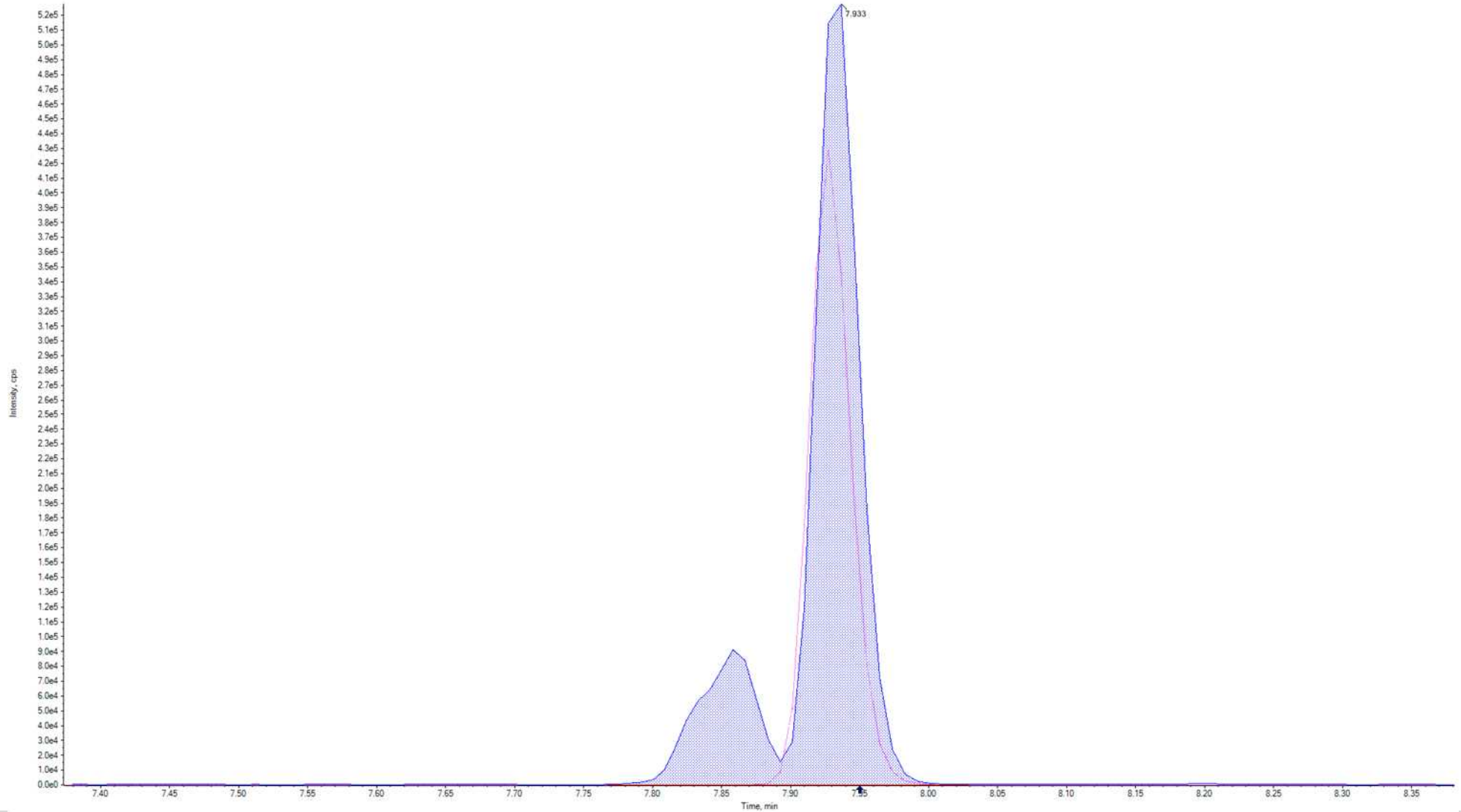
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PFOA_2
Sample: WG1972379-3,1633MED S/N:9380.1 Points Across peak:150



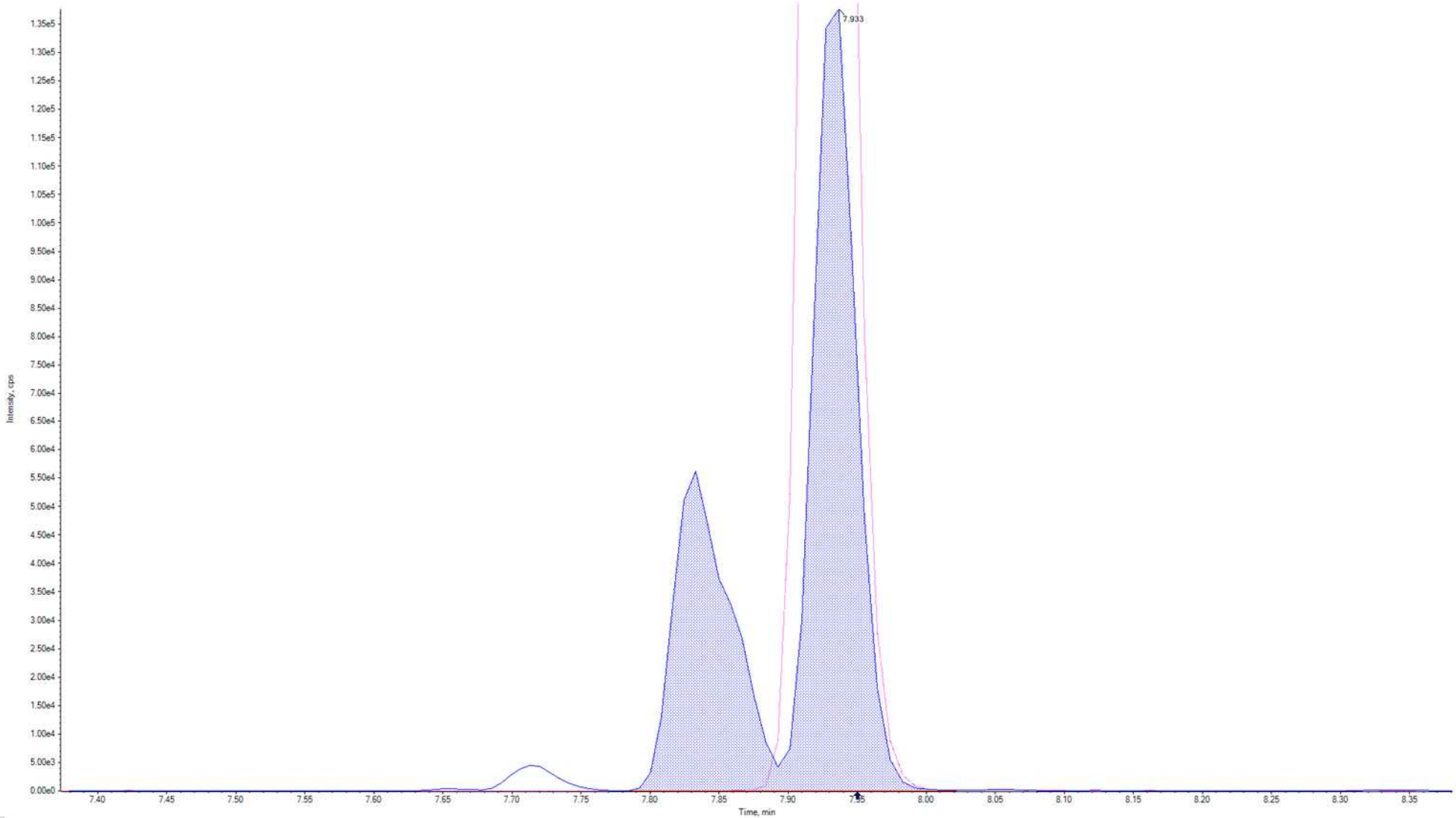
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PFNA
Sample: WG1972379-3,1633MED S/N:1851.5 Points Across peak:33



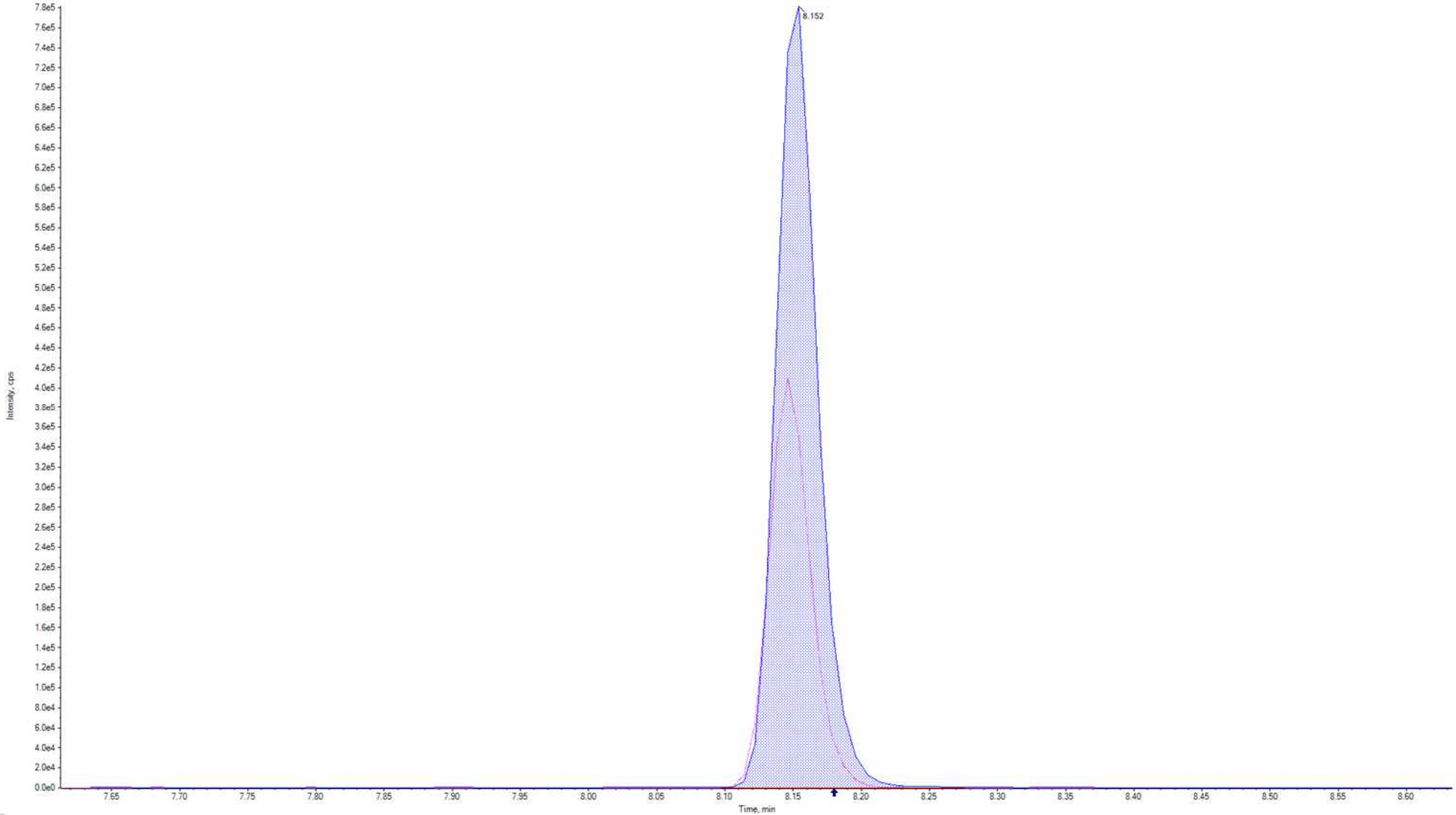
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PFNA_2
Sample: WG1972379-3,1633MED S/N:942.1 Points Across peak:30



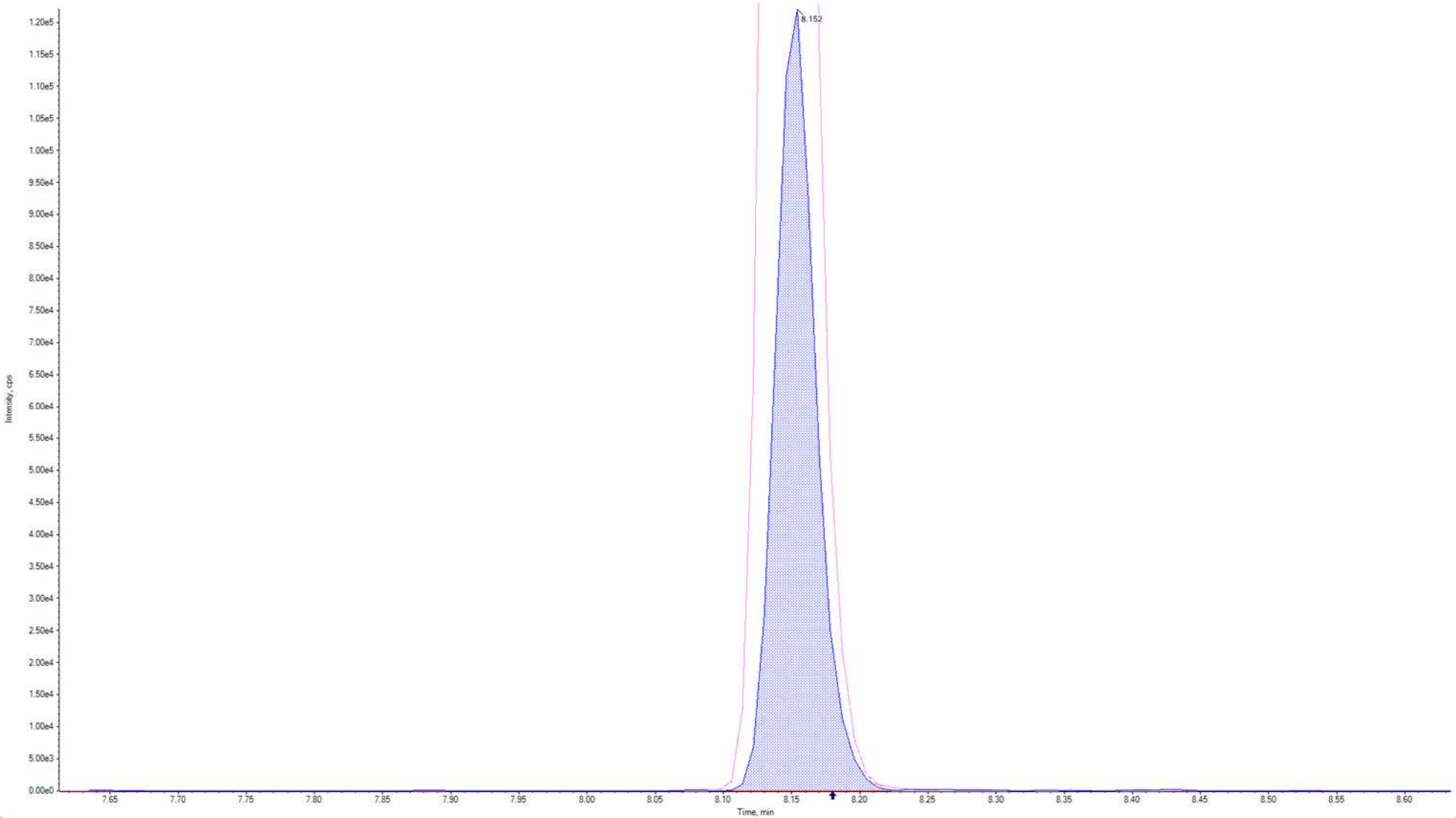
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PFDA
Sample: WG1972379-3,1633MED S/N:5603.8 Points Across peak:22



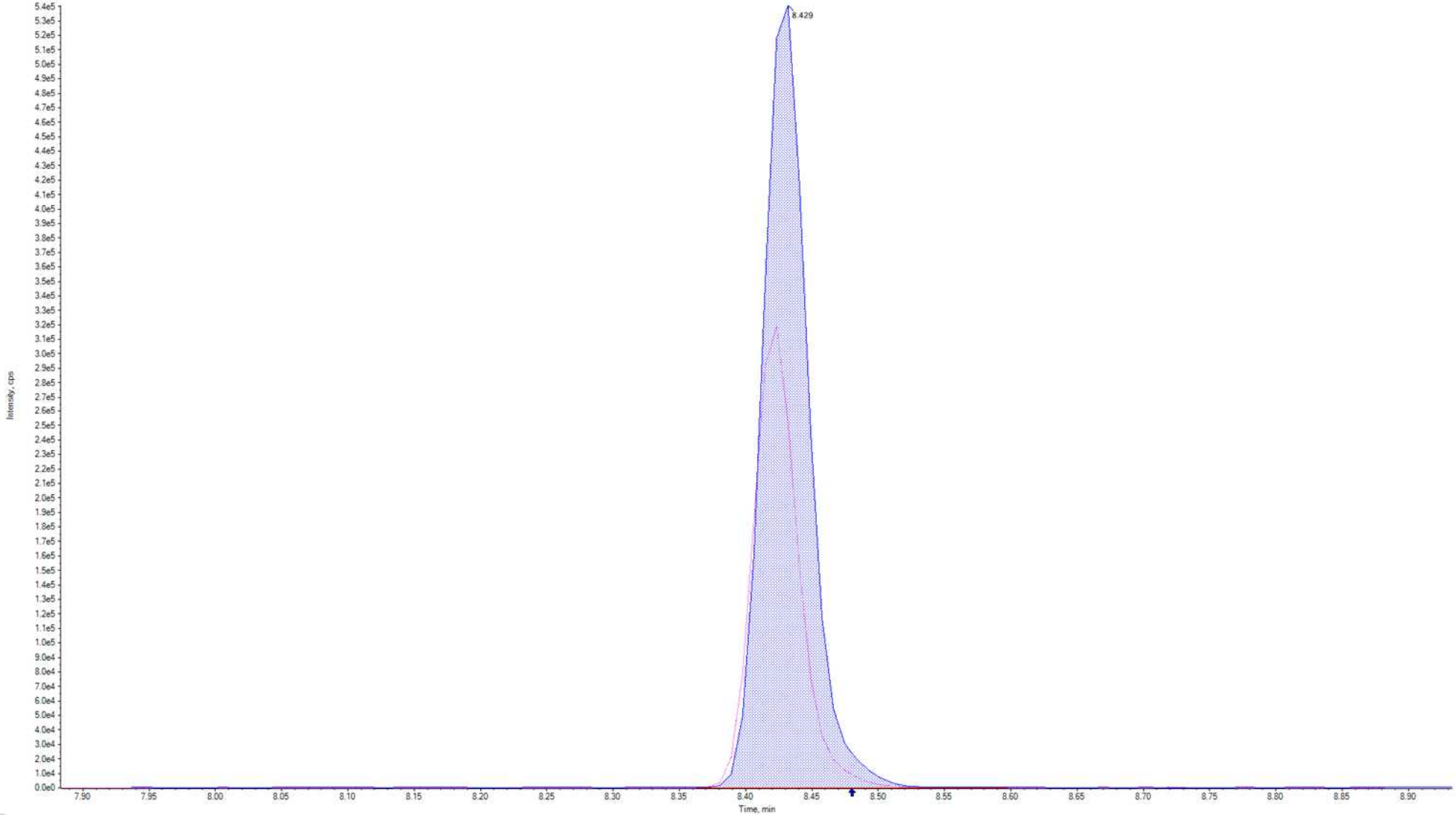
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PFDA_2
Sample: WG1972379-3,1633MED S/N:13655027.4 Points Across peak:16



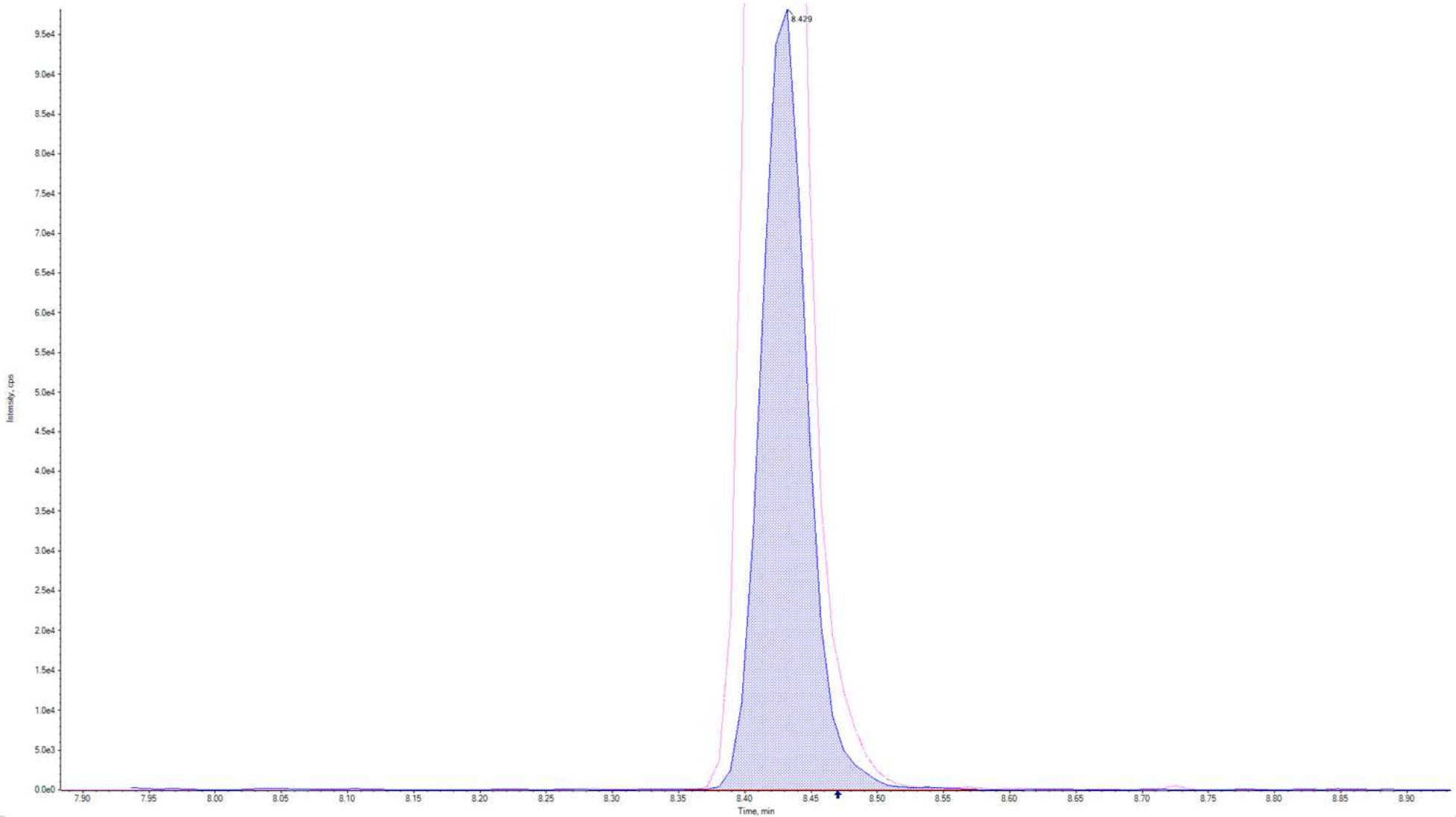
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PFUnA
Sample: WG1972379-3,1633MED S/N:2476.1 Points Across peak:30



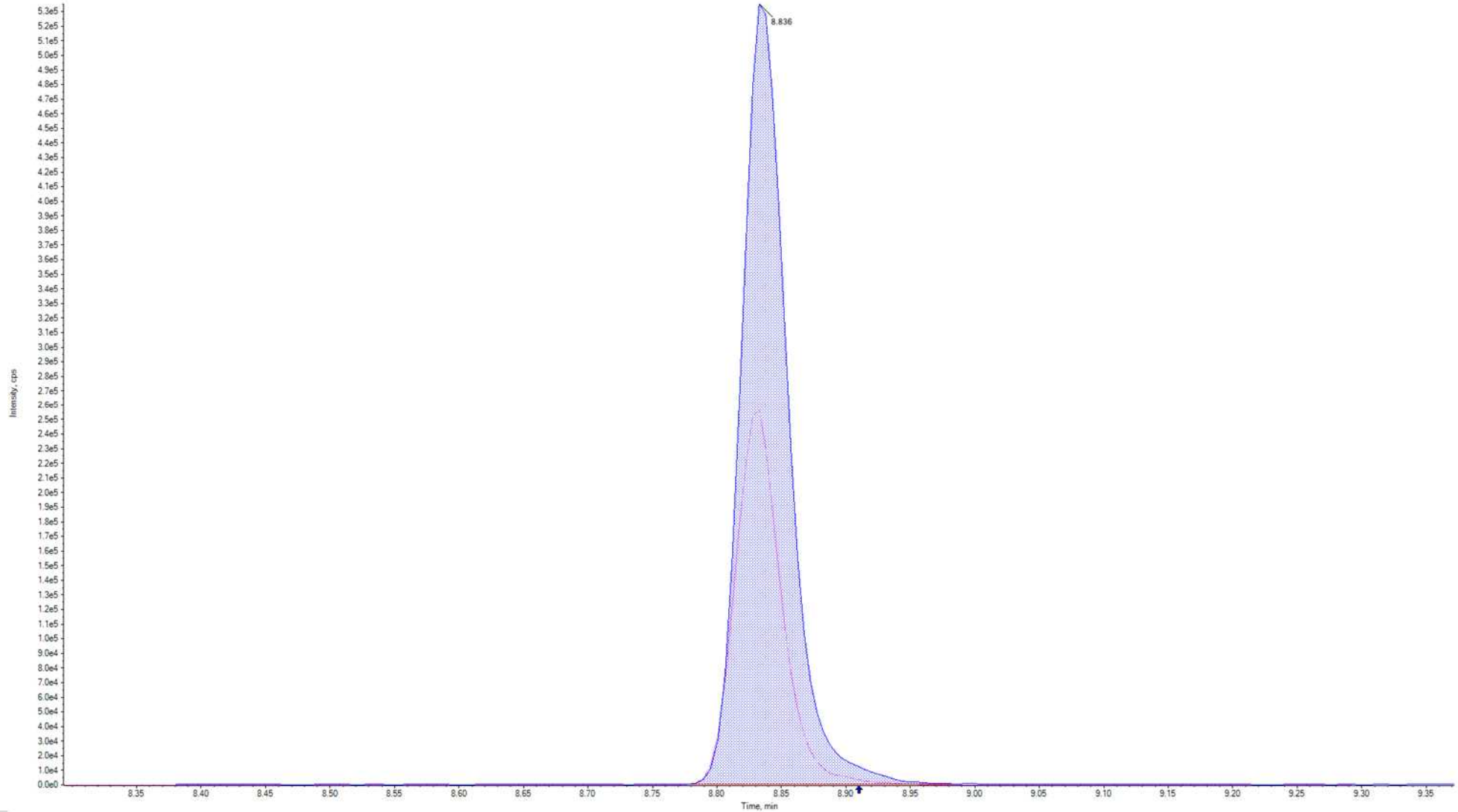
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PFUnA_2
Sample: WG1972379-3,1633MED S/N:98885.0 Points Across peak:30



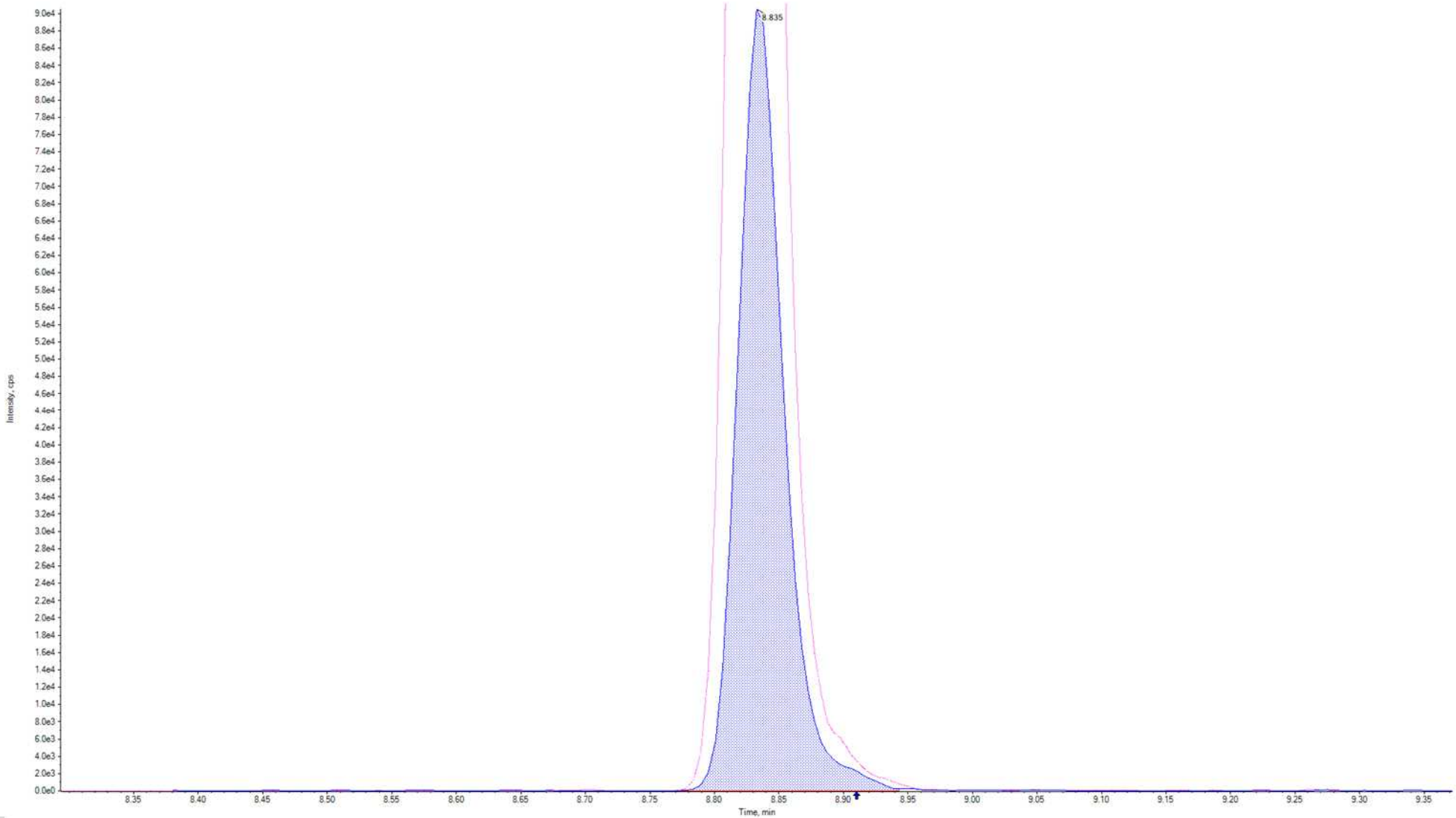
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PFDoA
Sample: WG1972379-3,1633MED S/N:3923.6 Points Across peak:44



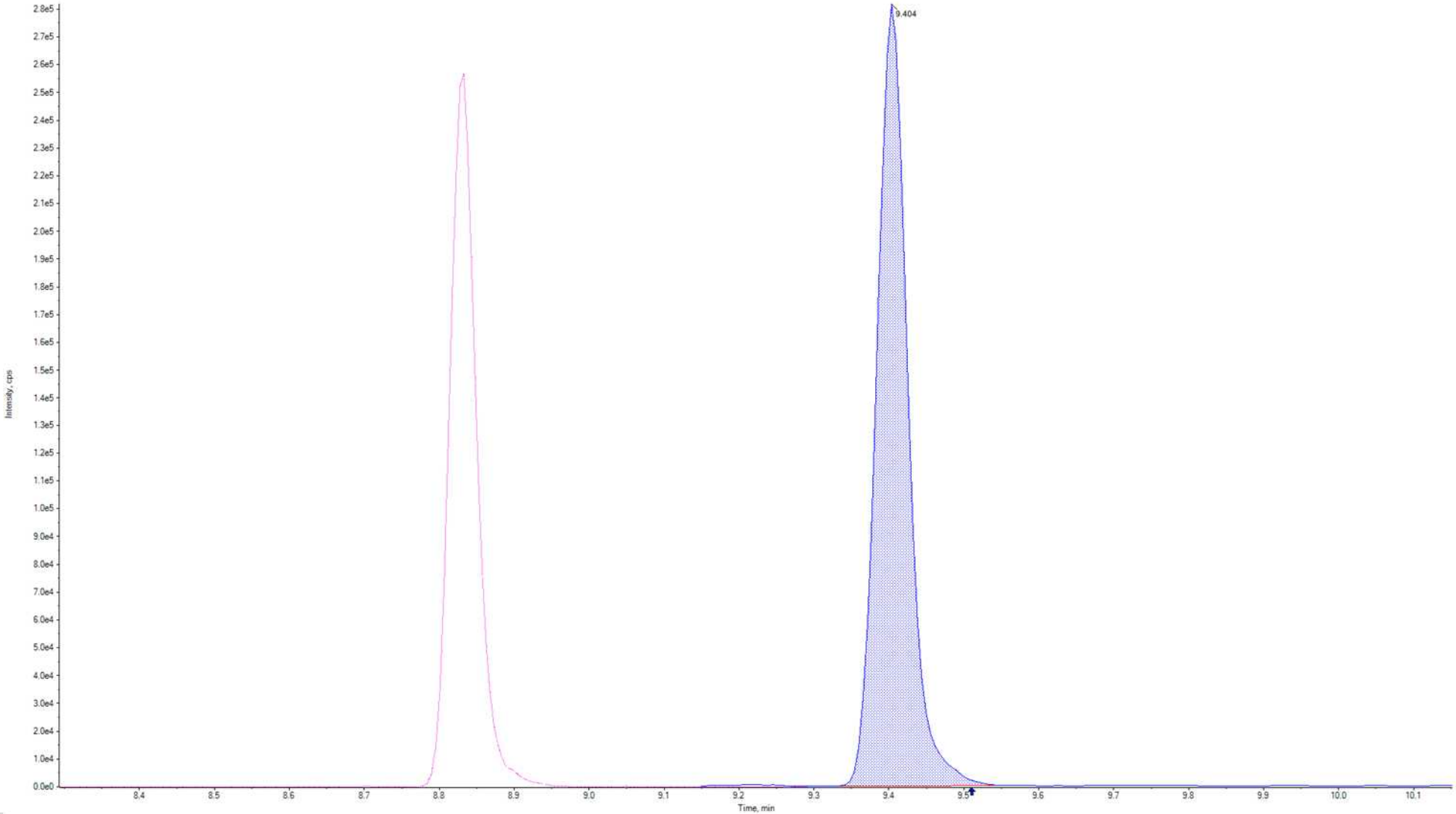
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PFDoA_2
Sample: WG1972379-3,1633MED S/N:93359.9 Points Across peak:36



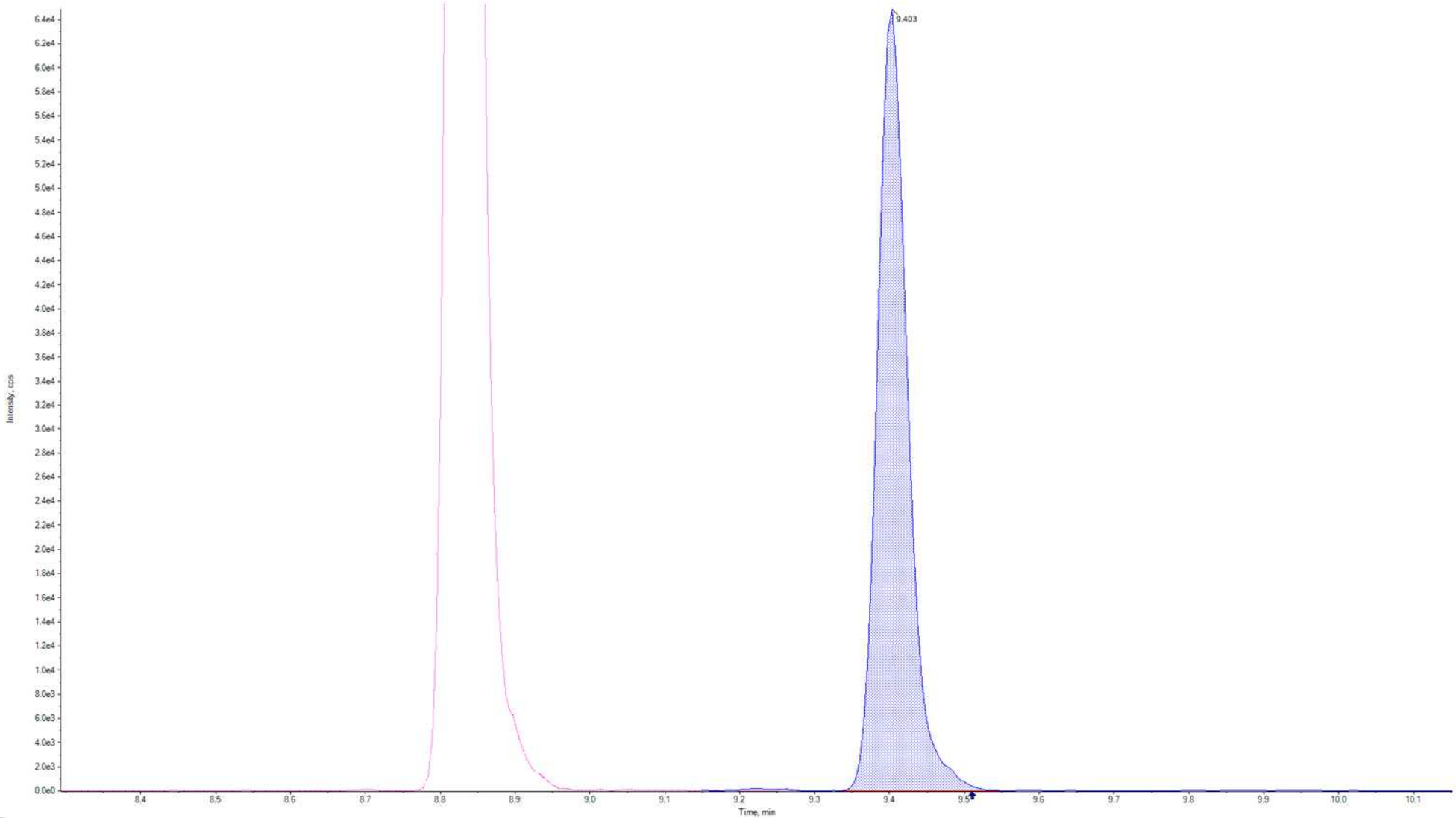
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFTrDA
Sample: WG1972379-3,1633MED S/N:2039.2 Points Across peak:44



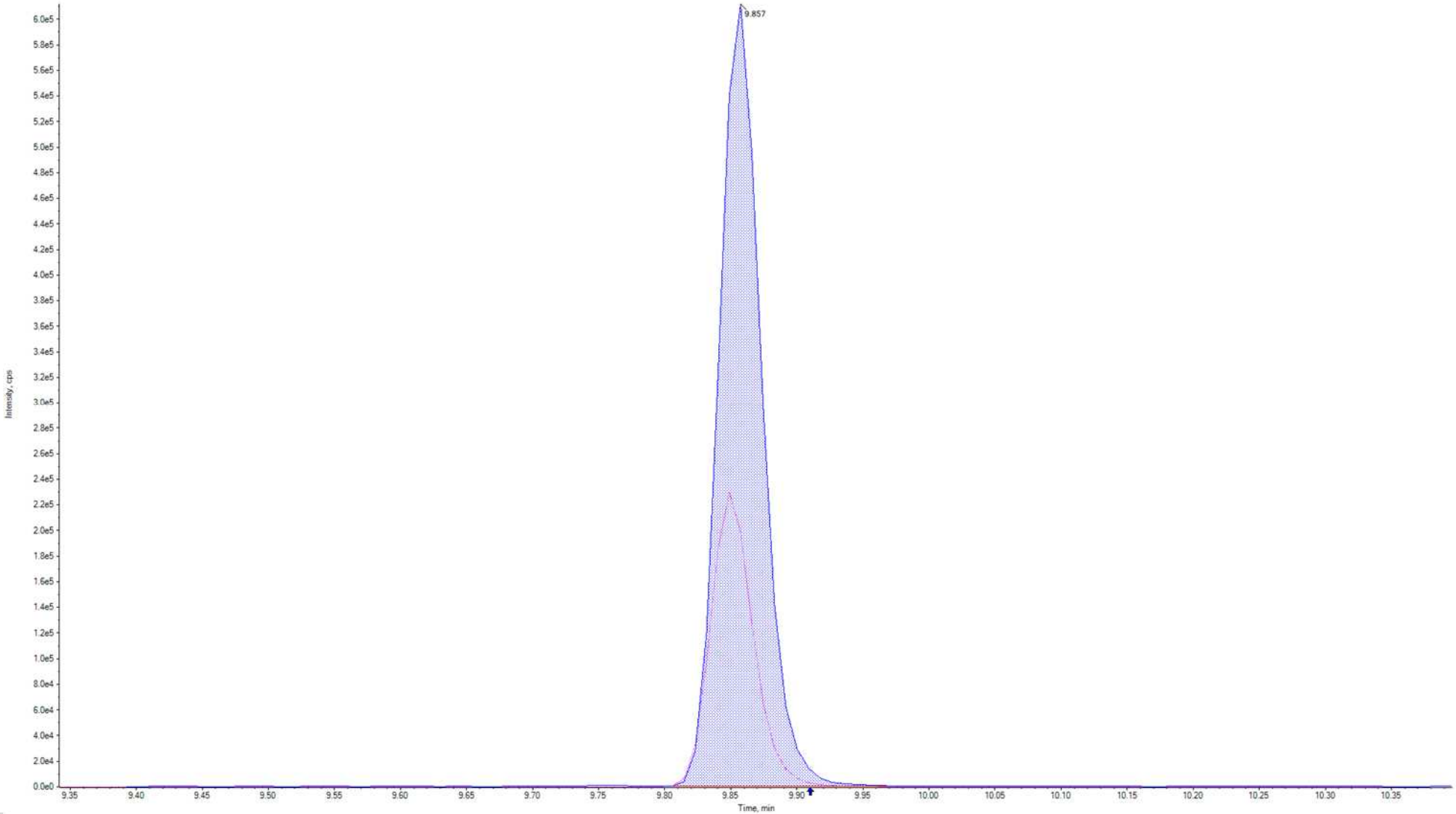
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Generated: 9/17/2024 6:15:27 AM

PFTrDA_2
Sample: WG1972379-3,1633MED S/N:28735.8 Points Across peak:40



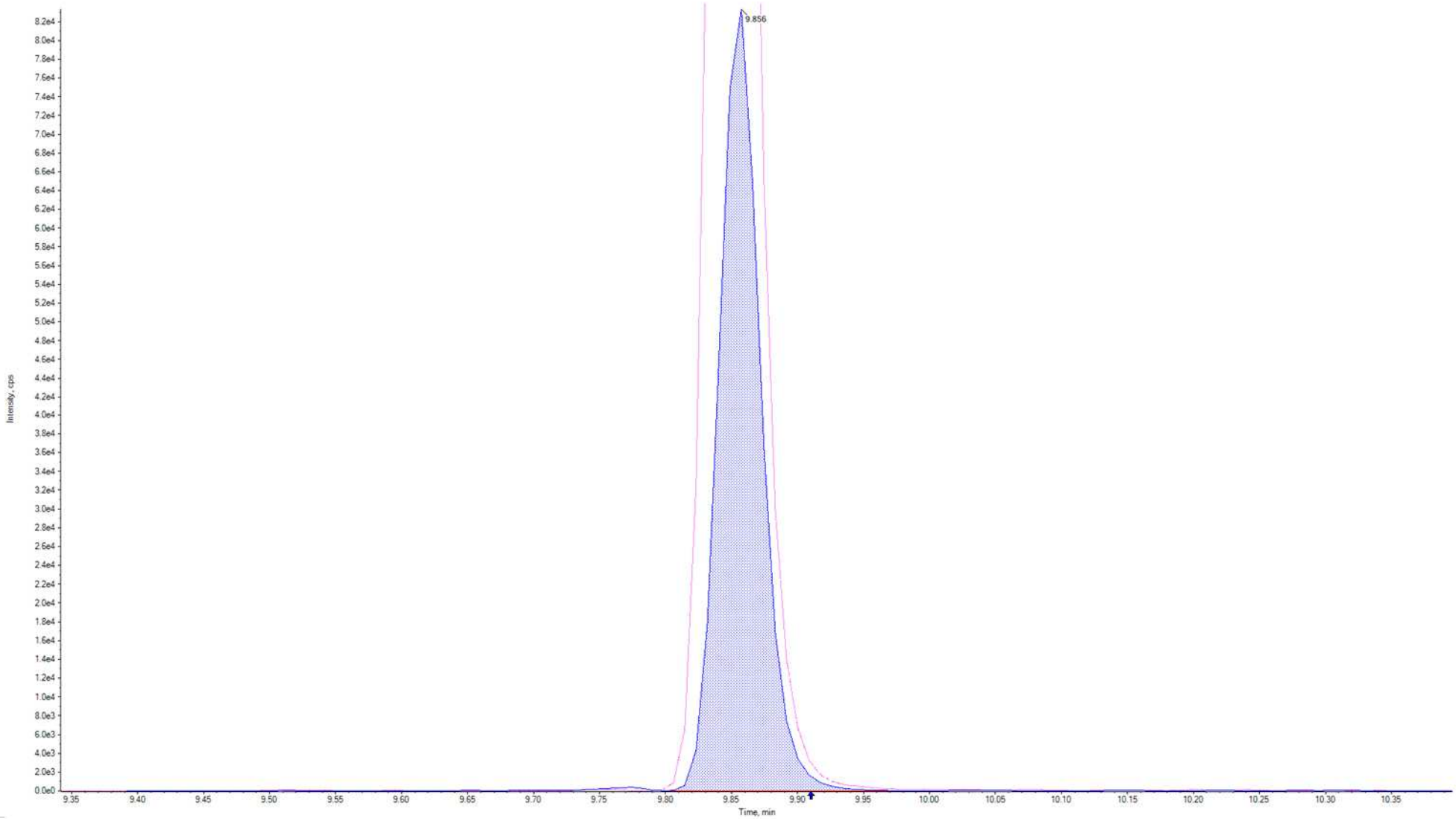
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFTeDA
Sample: WG1972379-3,1633MED S/N:2399.4 Points Across peak:23



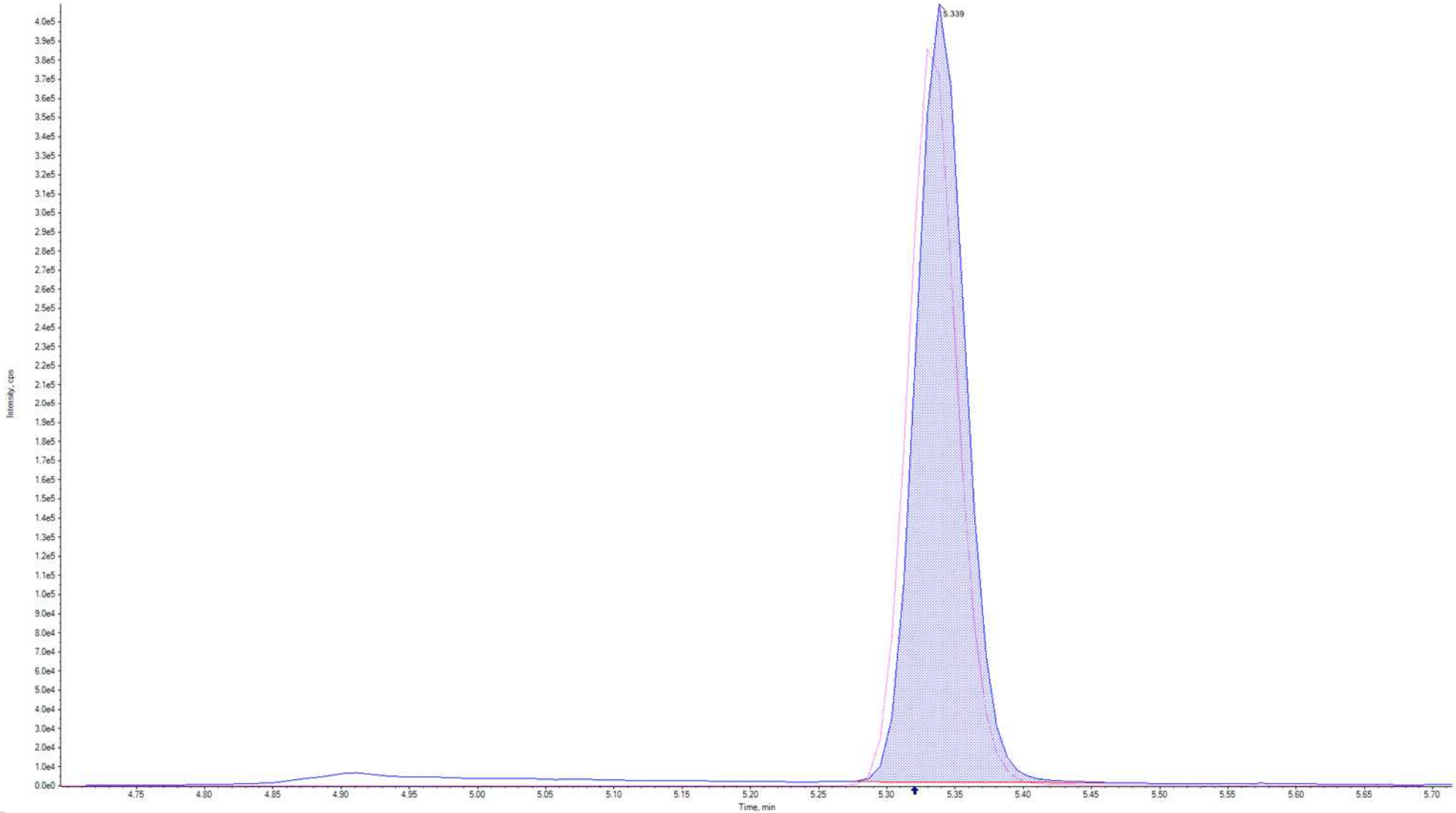
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFTeDA_2
Sample: WG1972379-3,1633MED S/N:1961.9 Points Across peak:22



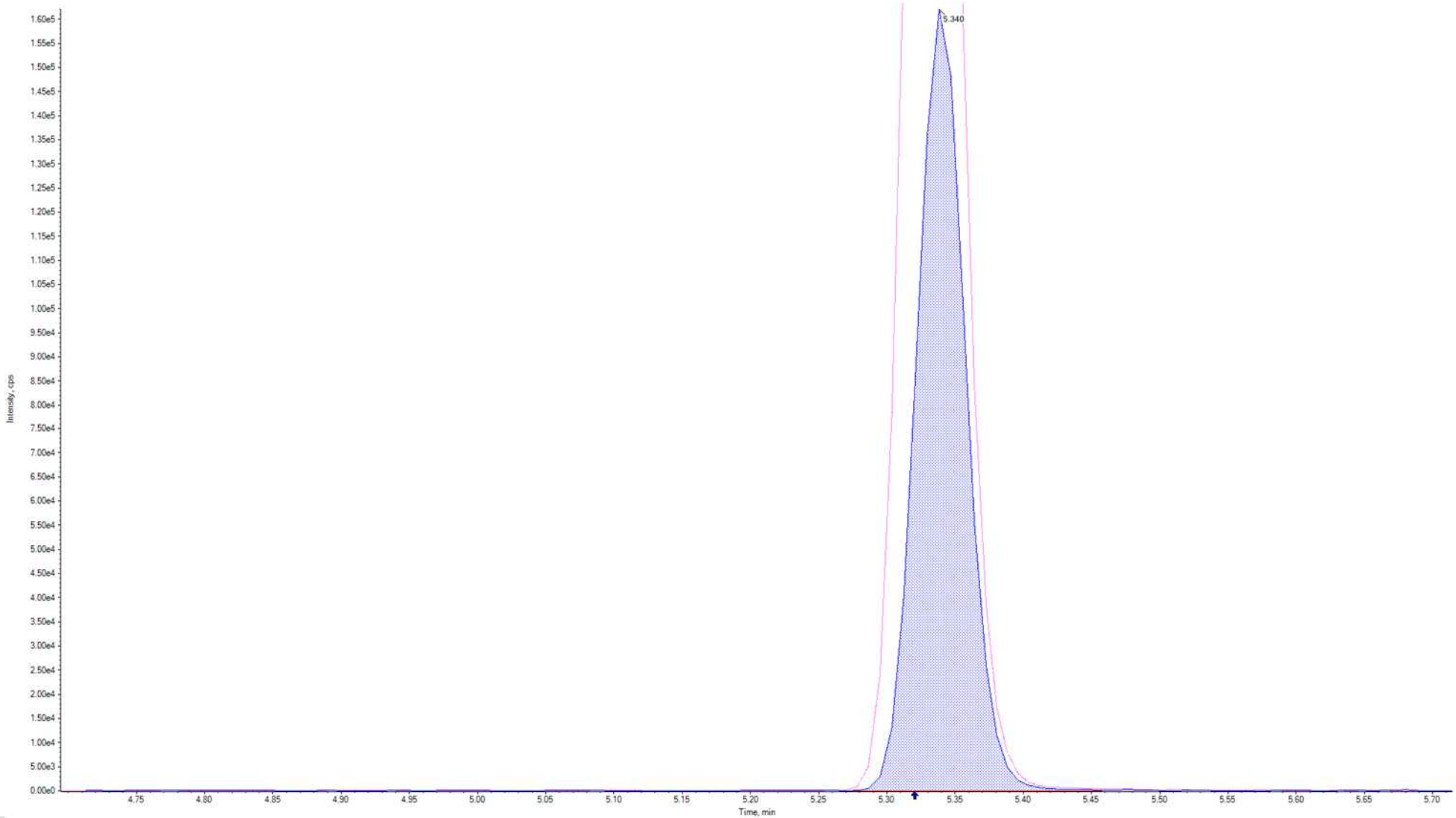
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFBS
Sample: WG1972379-3,1633MED S/N:77.5 Points Across peak:25



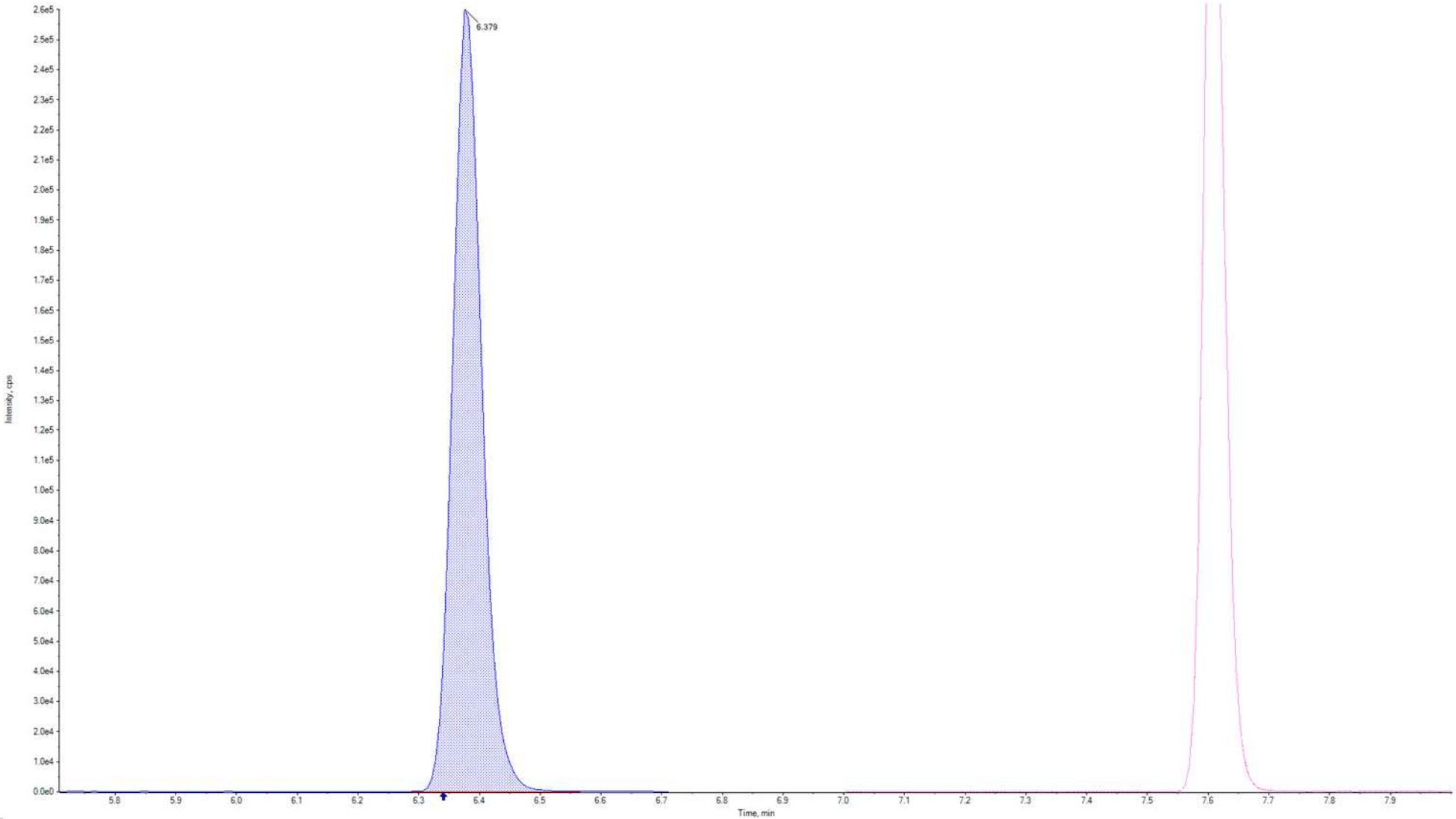
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFBS_2
Sample: WG1972379-3,1633MED S/N:2832.8 Points Across peak:24



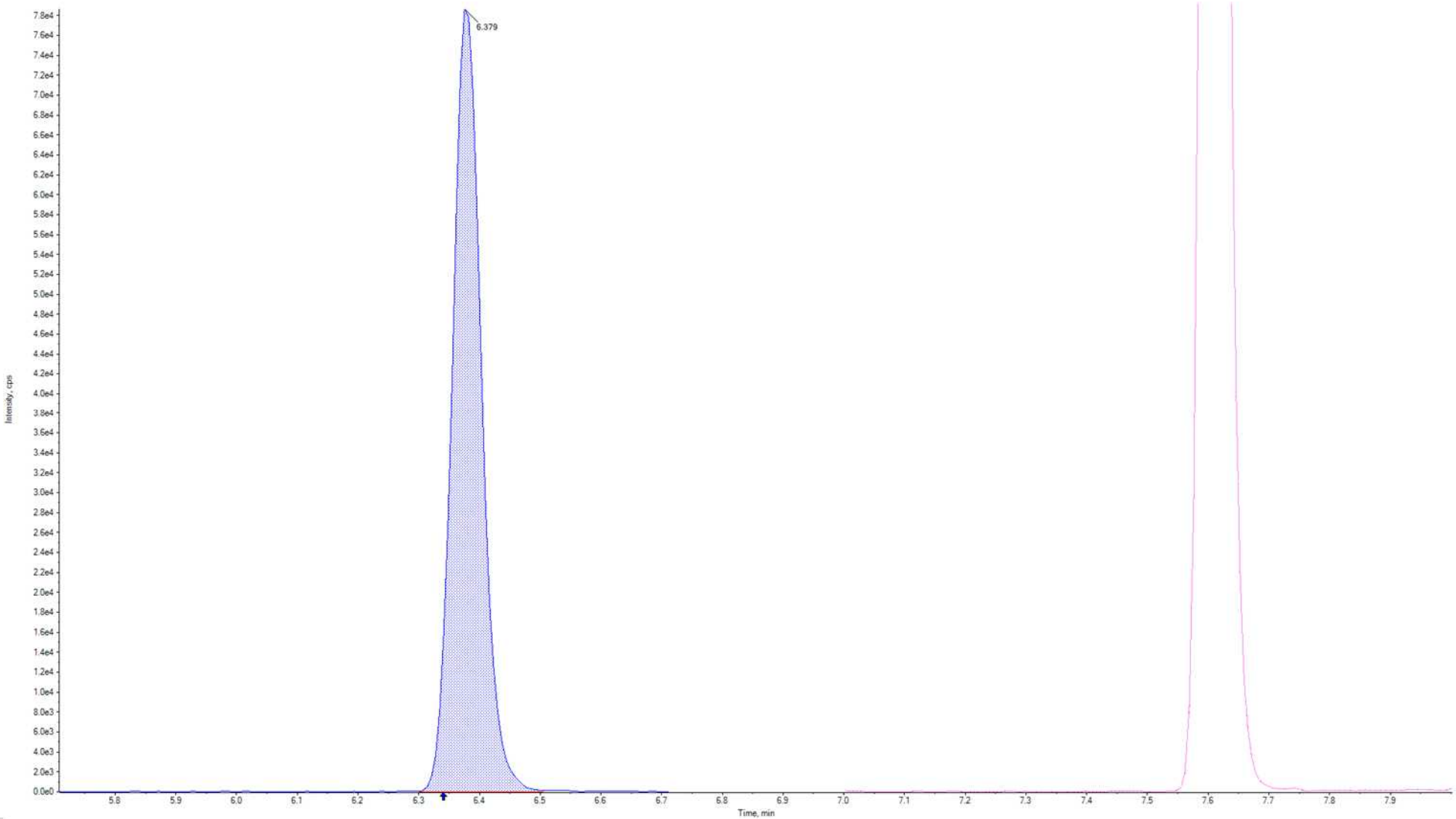
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Alpha Analytical Inc.
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PFPeS
Sample: WG1972379-3,1633MED S/N:4058.8 Points Across peak:44



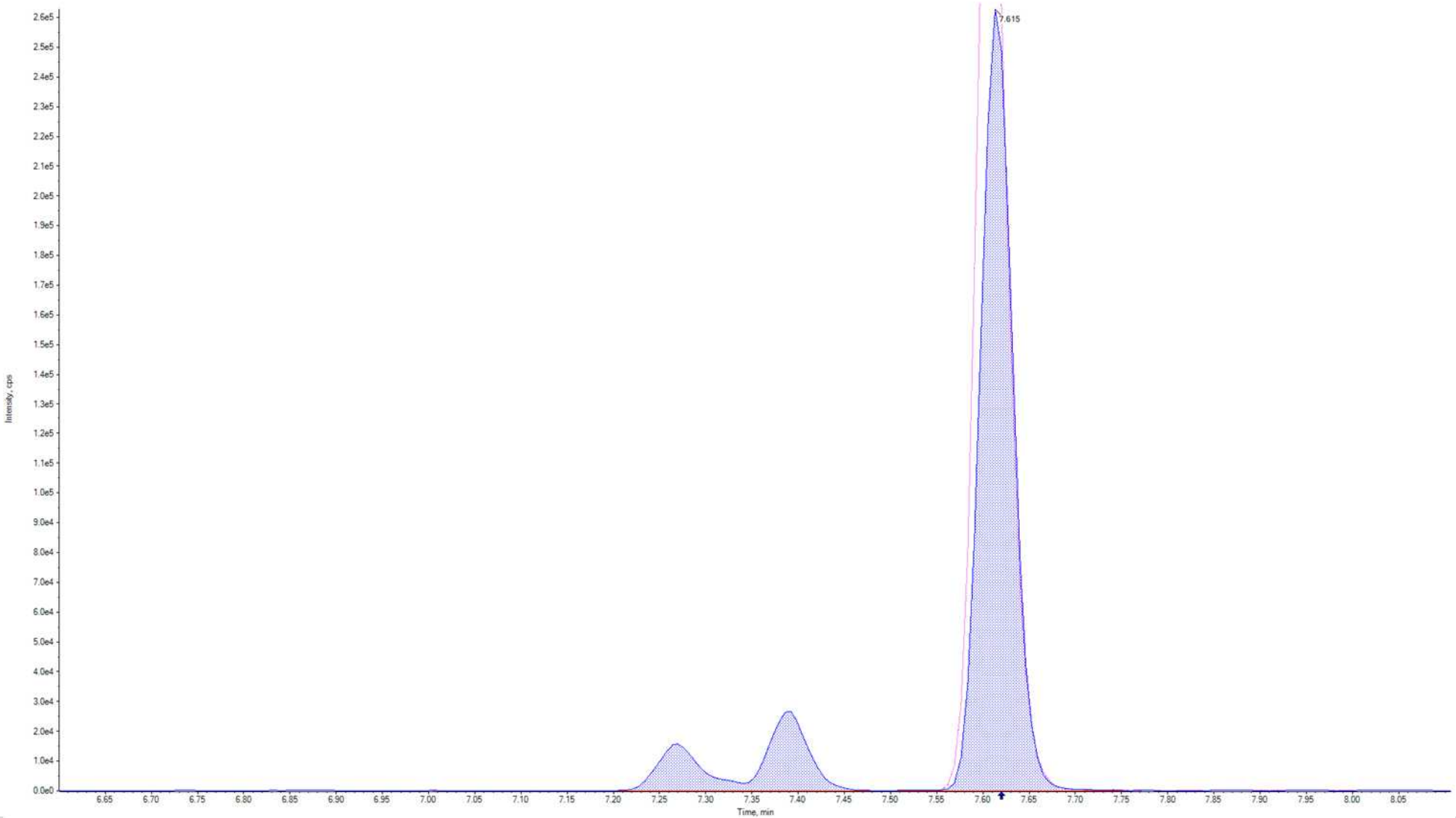
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFPeS_2
Sample: WG1972379-3,1633MED S/N:13961.6 Points Across peak:31



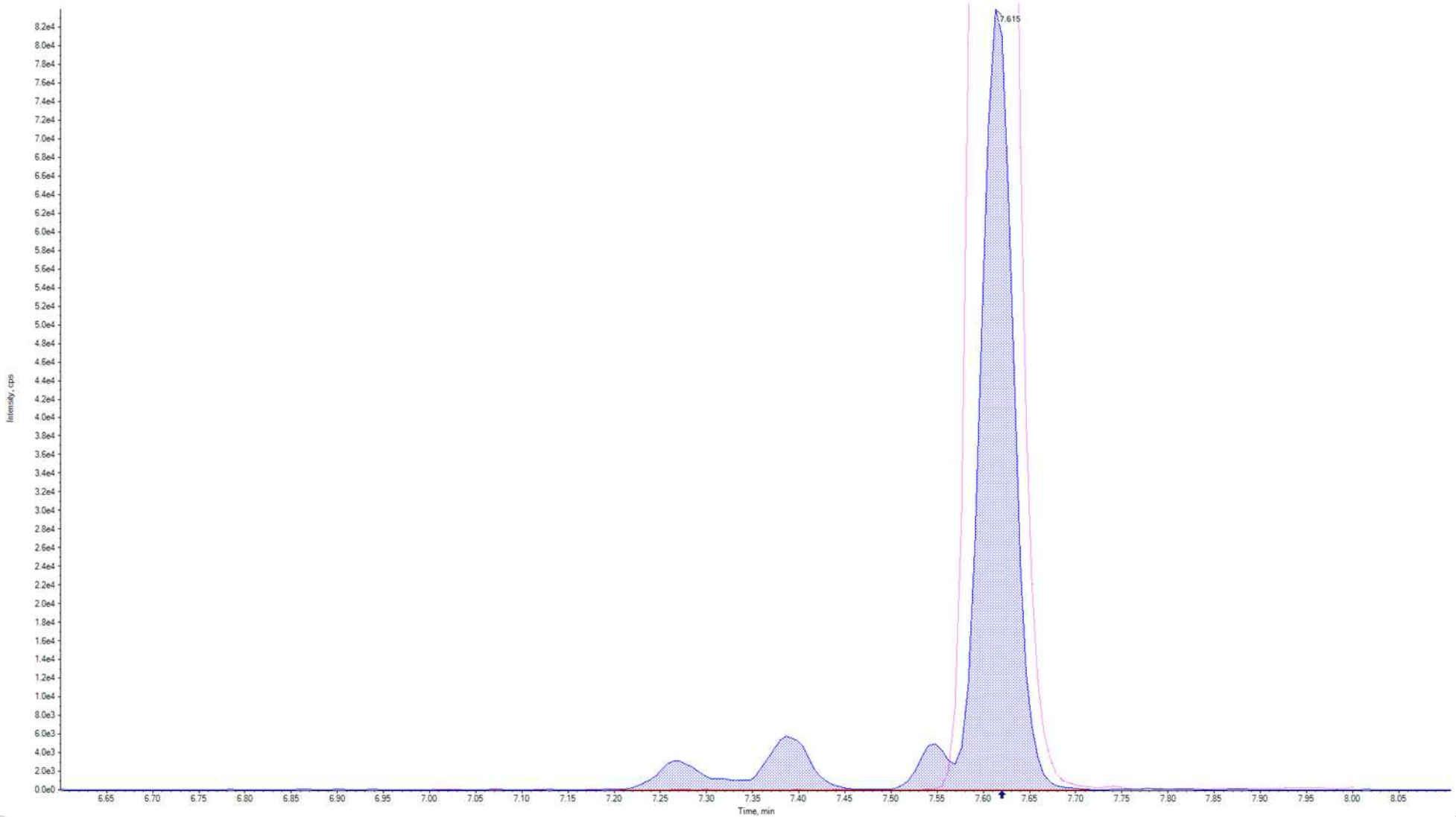
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFHxS
Sample: WG1972379-3,1633MED S/N:35819.4 Points Across peak:92



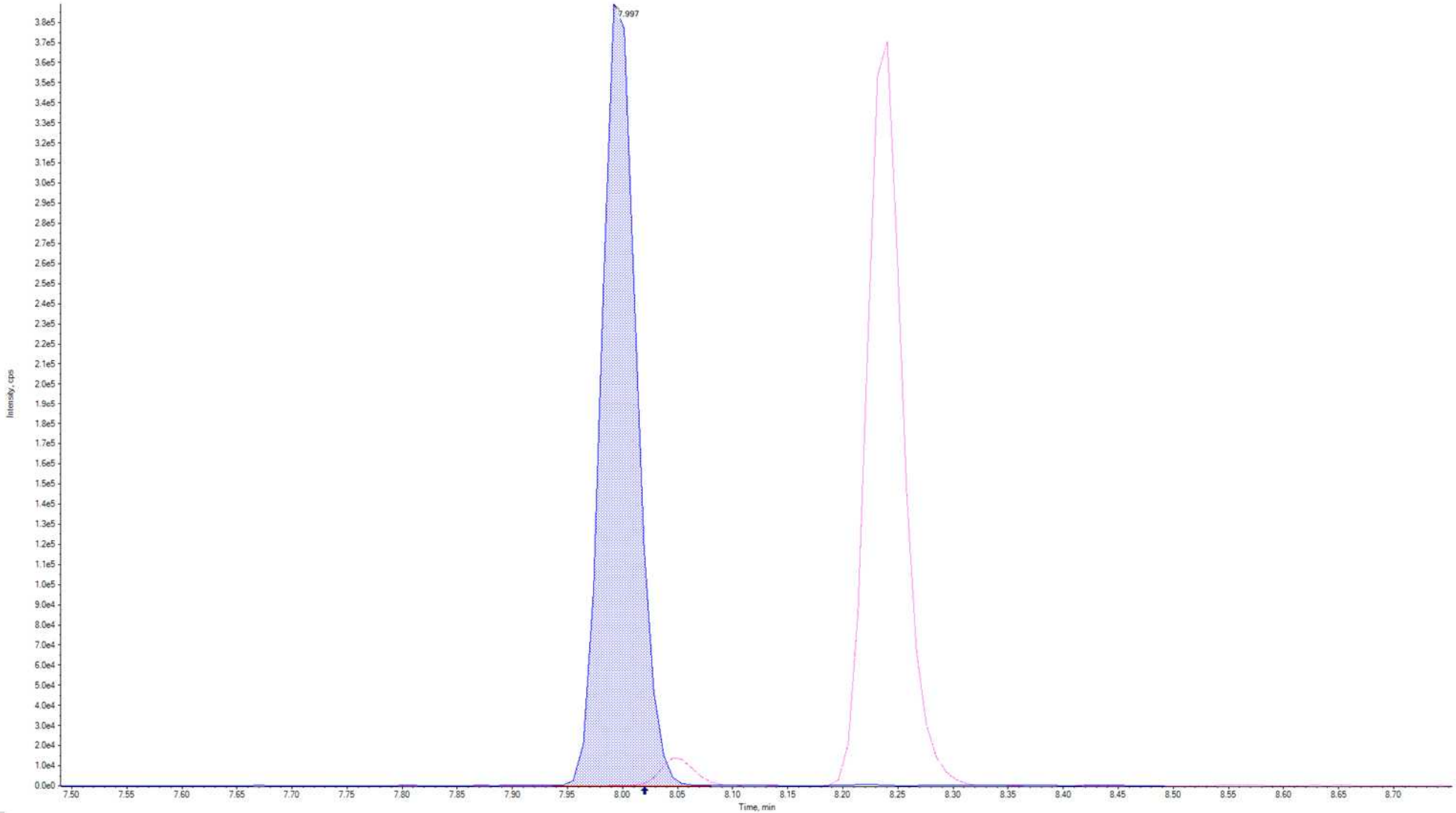
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFHxS_2
Sample: WG1972379-3,1633MED S/N:113506.3 Points Across peak:86



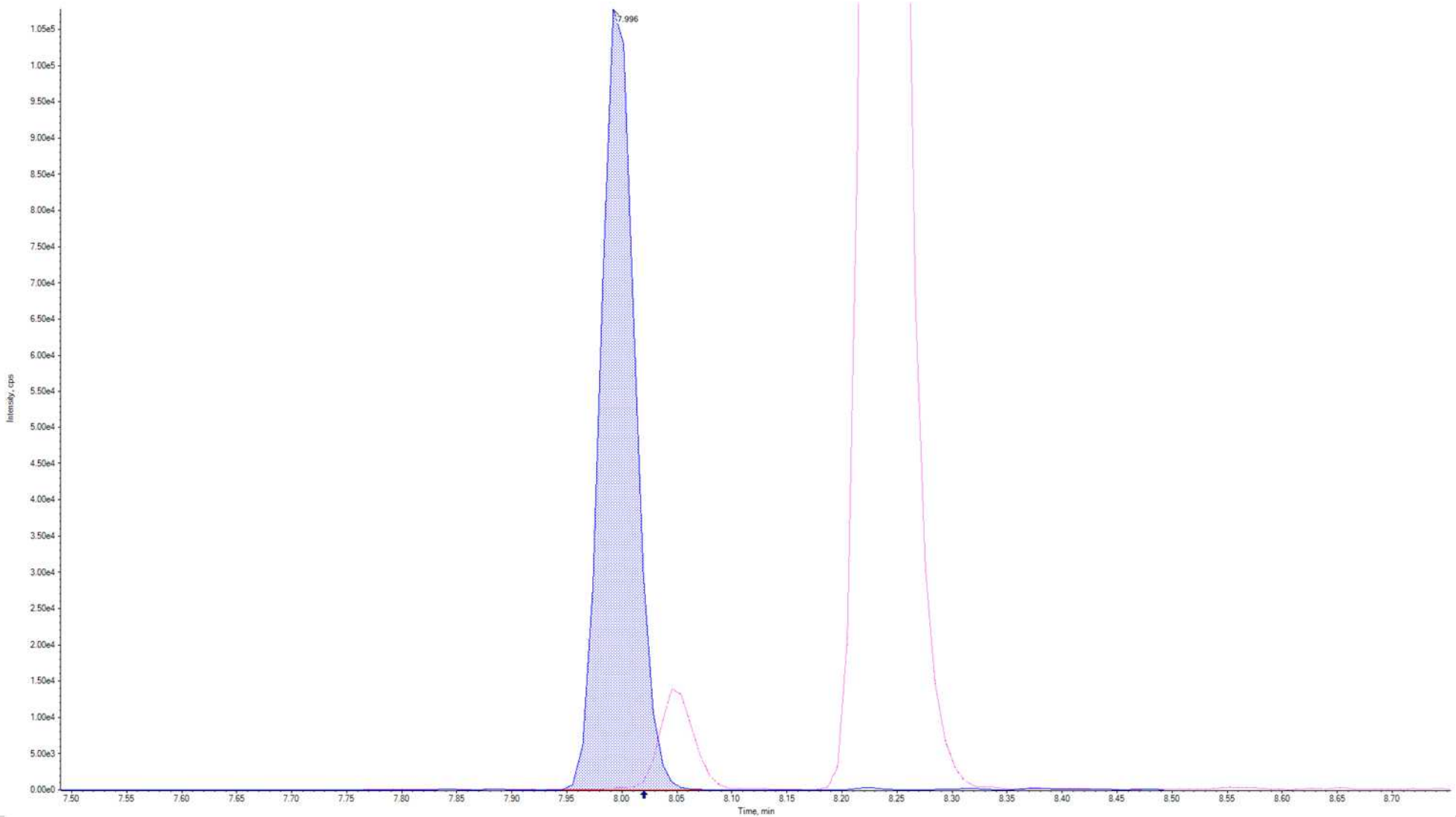
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFHpS
Sample: WG1972379-3,1633MED S/N:24605.9 Points Across peak:17



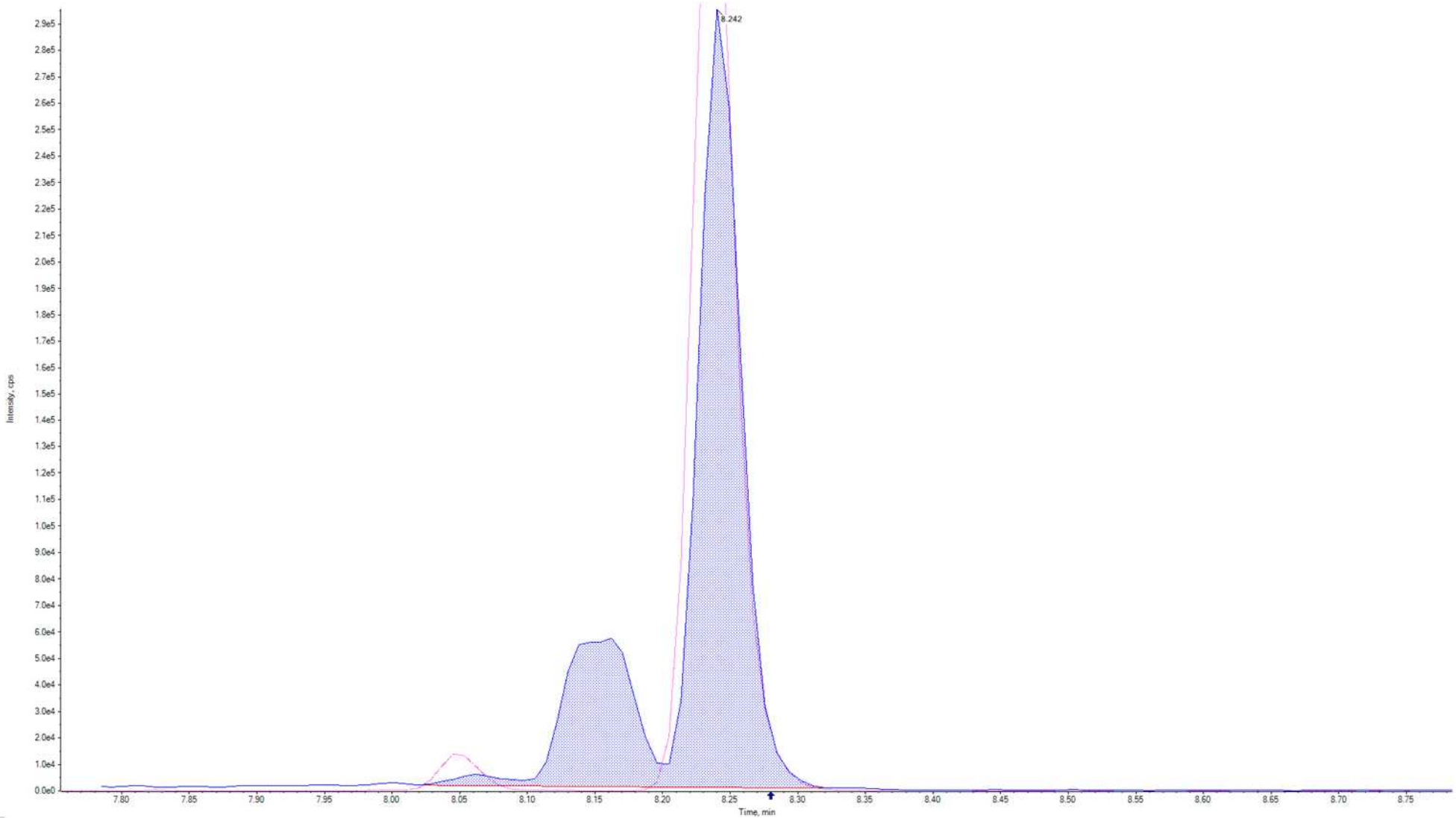
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFHpS_2
Sample: WG1972379-3,1633MED S/N:1633.7 Points Across peak:22



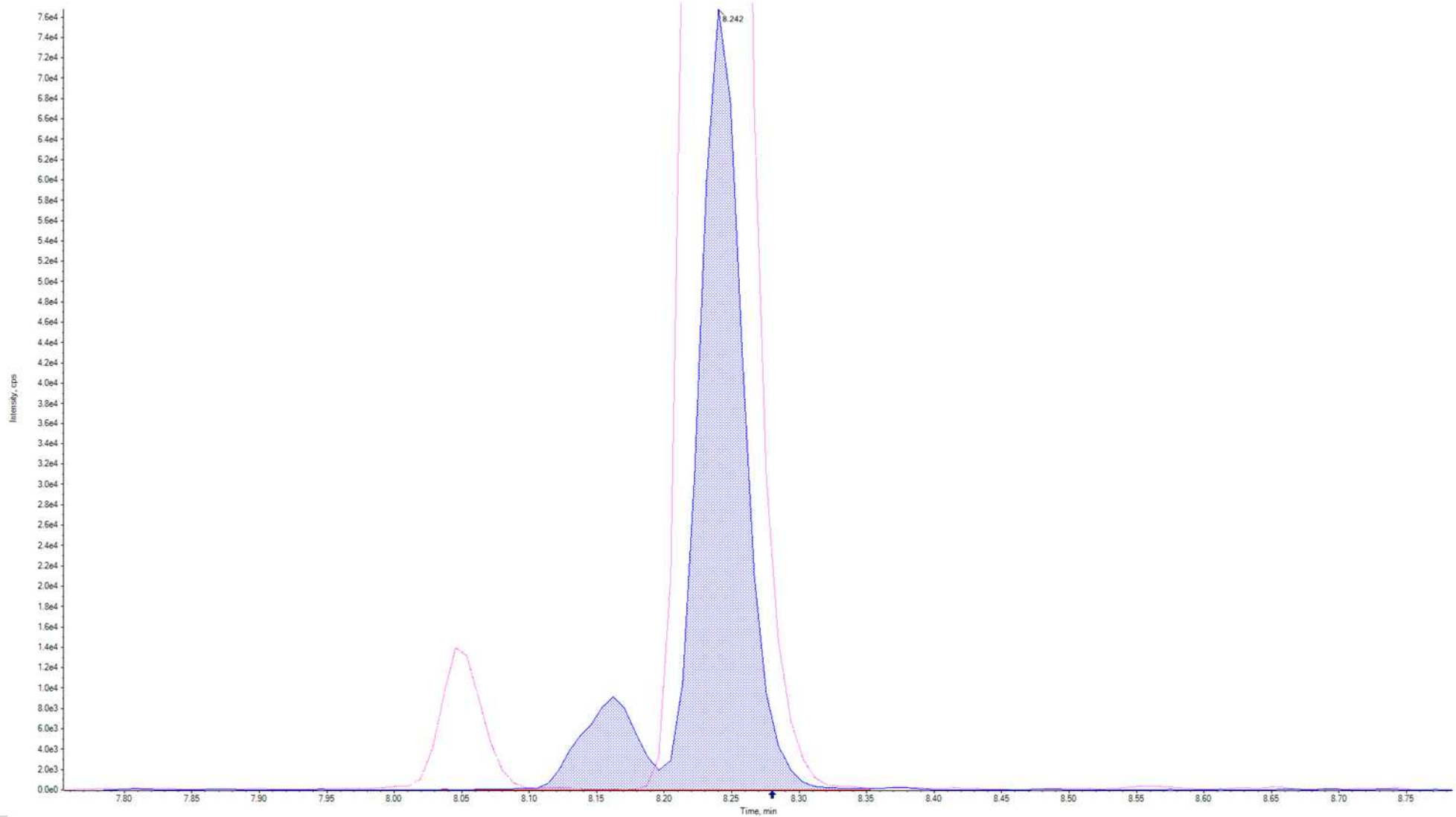
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFOS
Sample: WG1972379-3,1633MED S/N:1206.2 Points Across peak:37



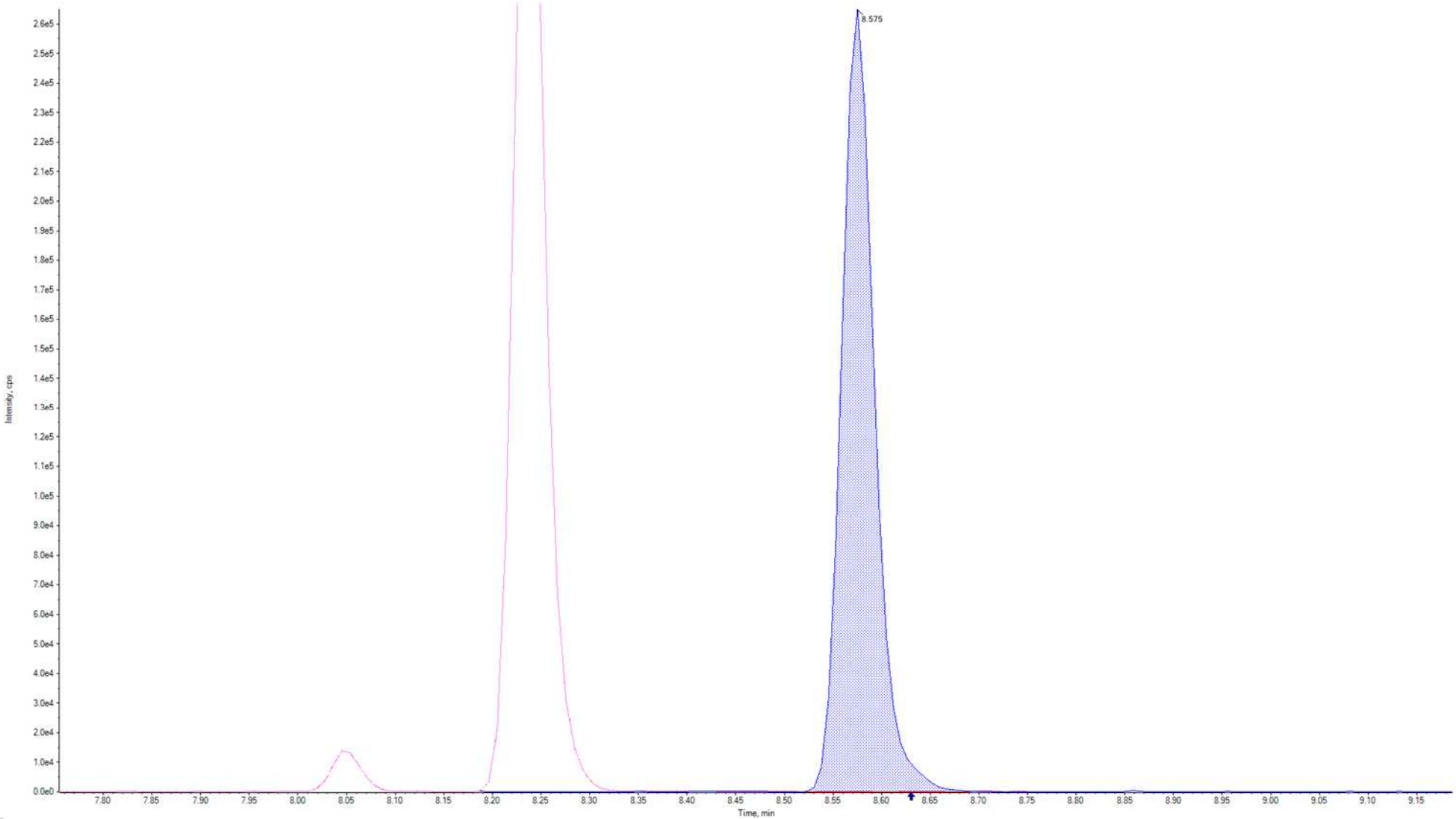
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFOS_2
Sample: WG1972379-3,1633MED S/N:571001.1 Points Across peak:41



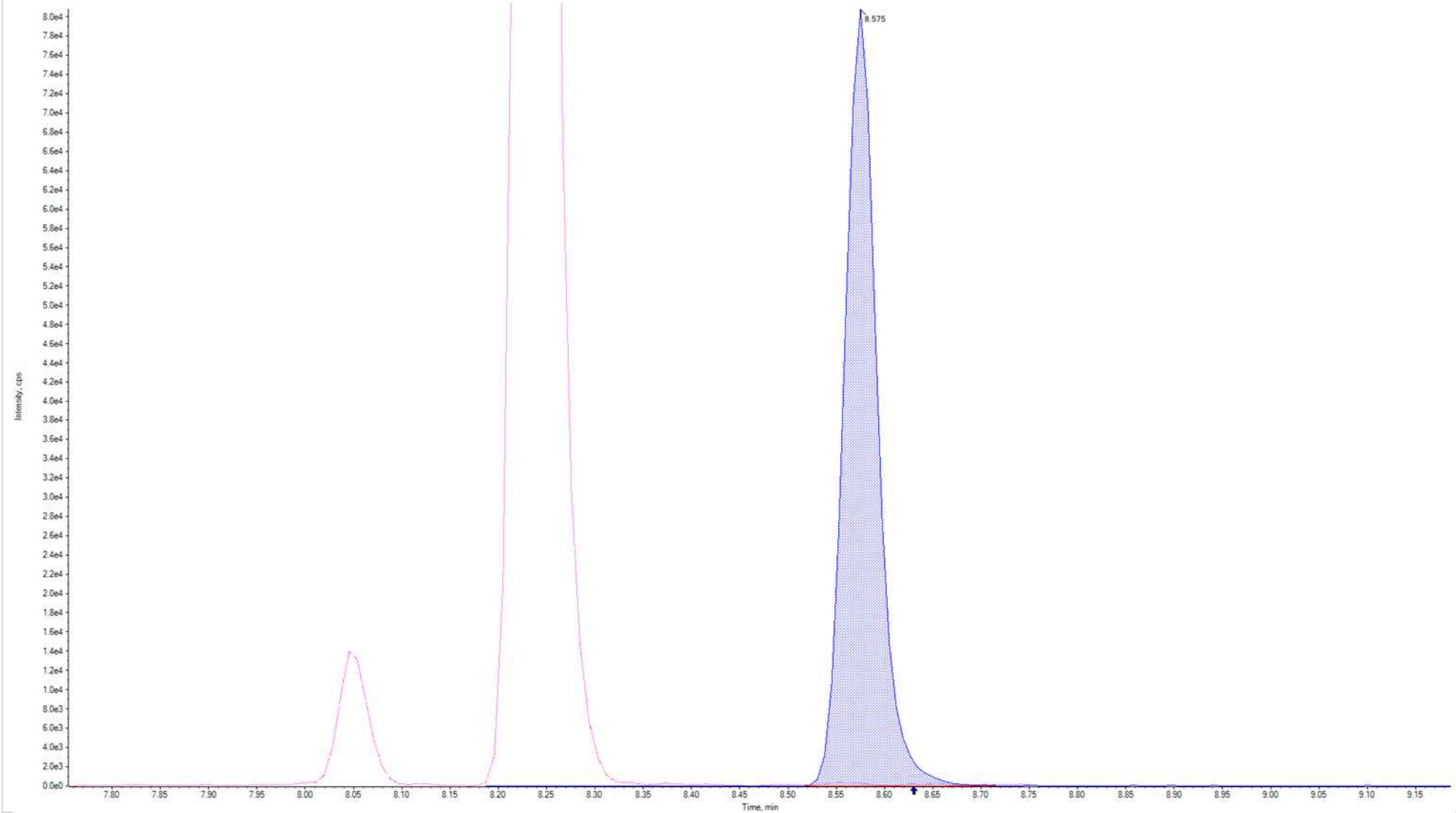
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFNS
Sample: WG1972379-3,1633MED S/N:9267.2 Points Across peak:26



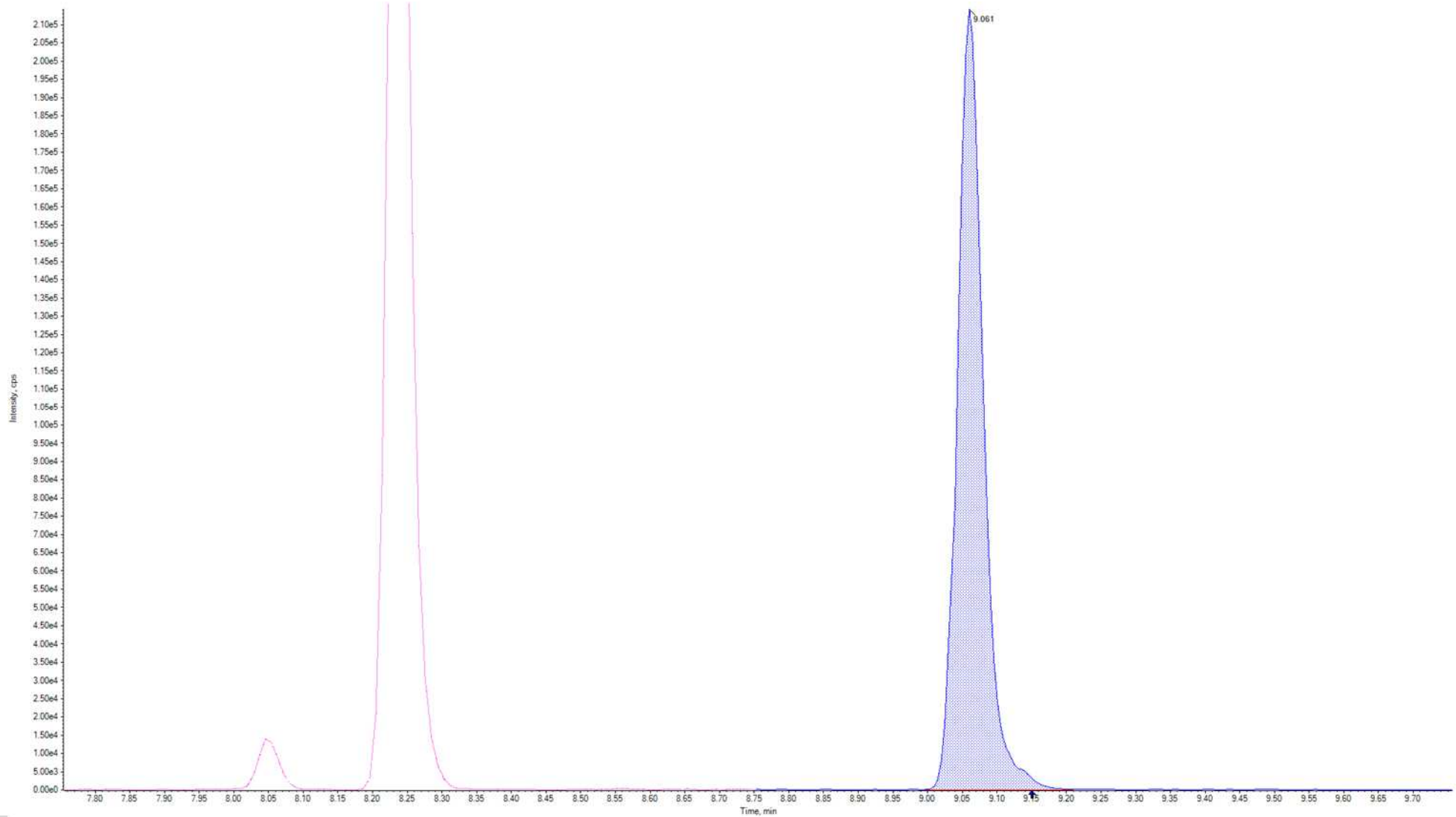
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFNS_2
Sample: WG1972379-3,1633MED S/N:3415.2 Points Across peak:34



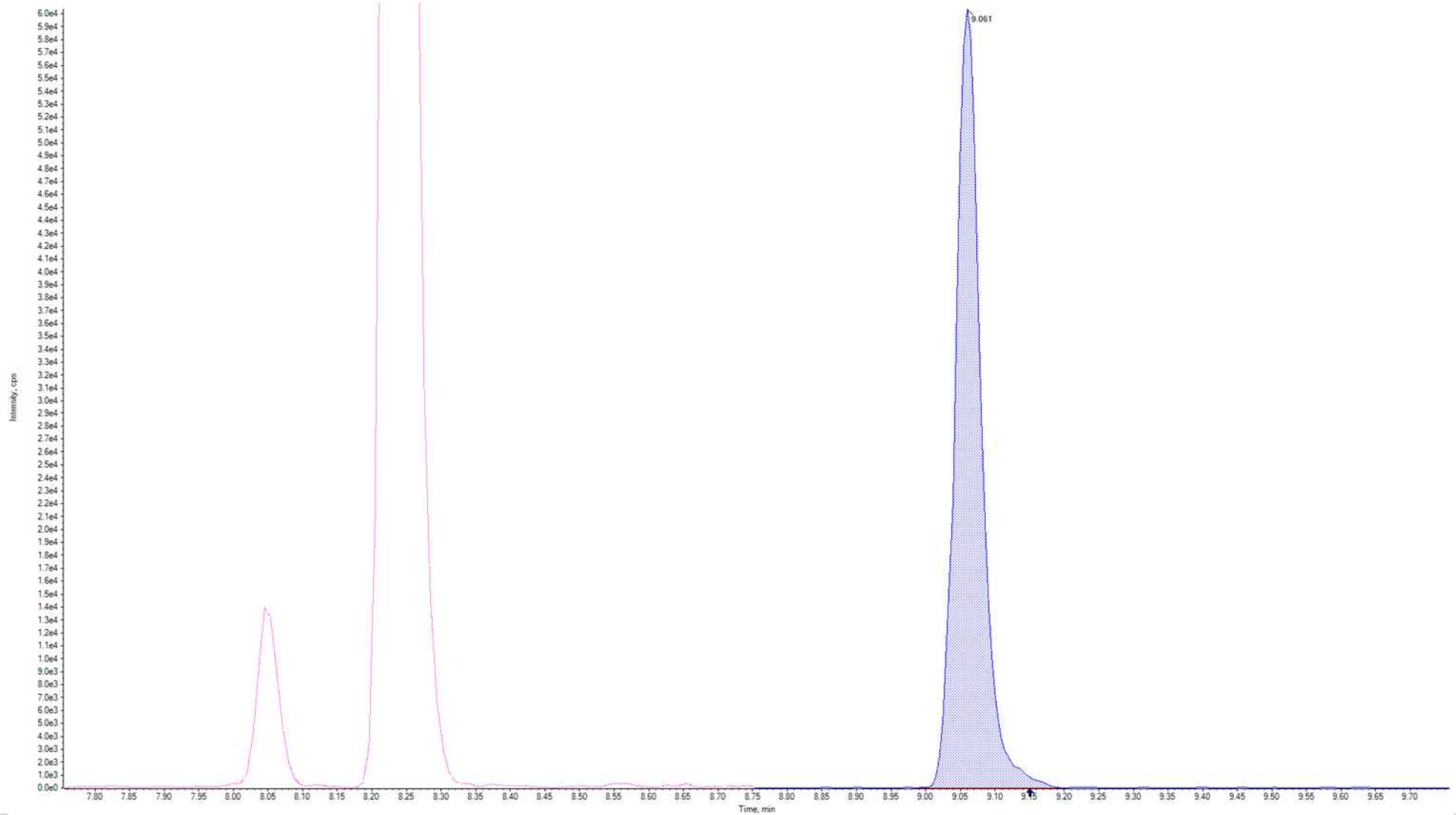
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFDS
Sample: WG1972379-3,1633MED S/N:7328.2 Points Across peak:44



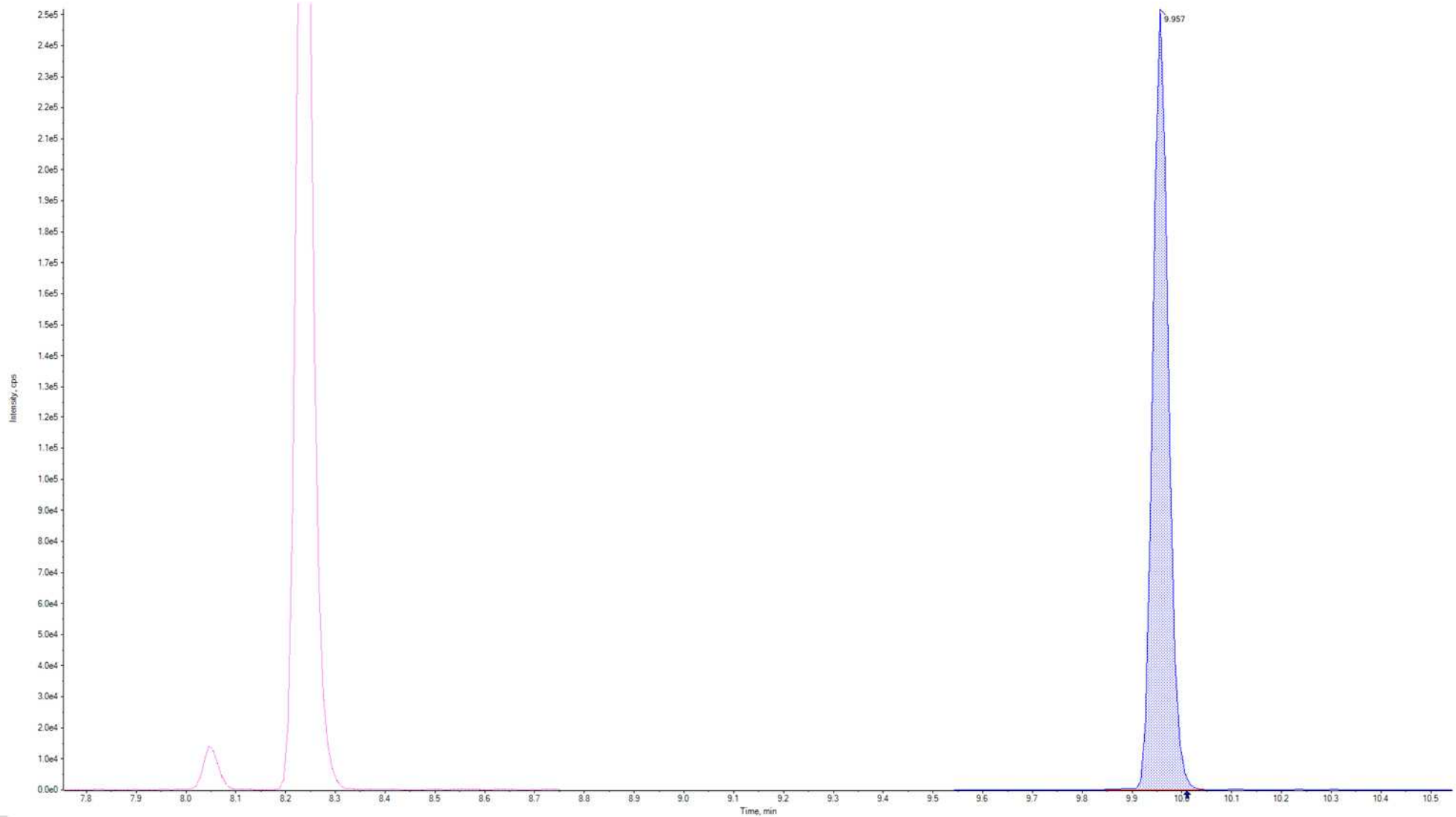
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFDS_2
Sample: WG1972379-3,1633MED S/N:195513.8 Points Across peak:43



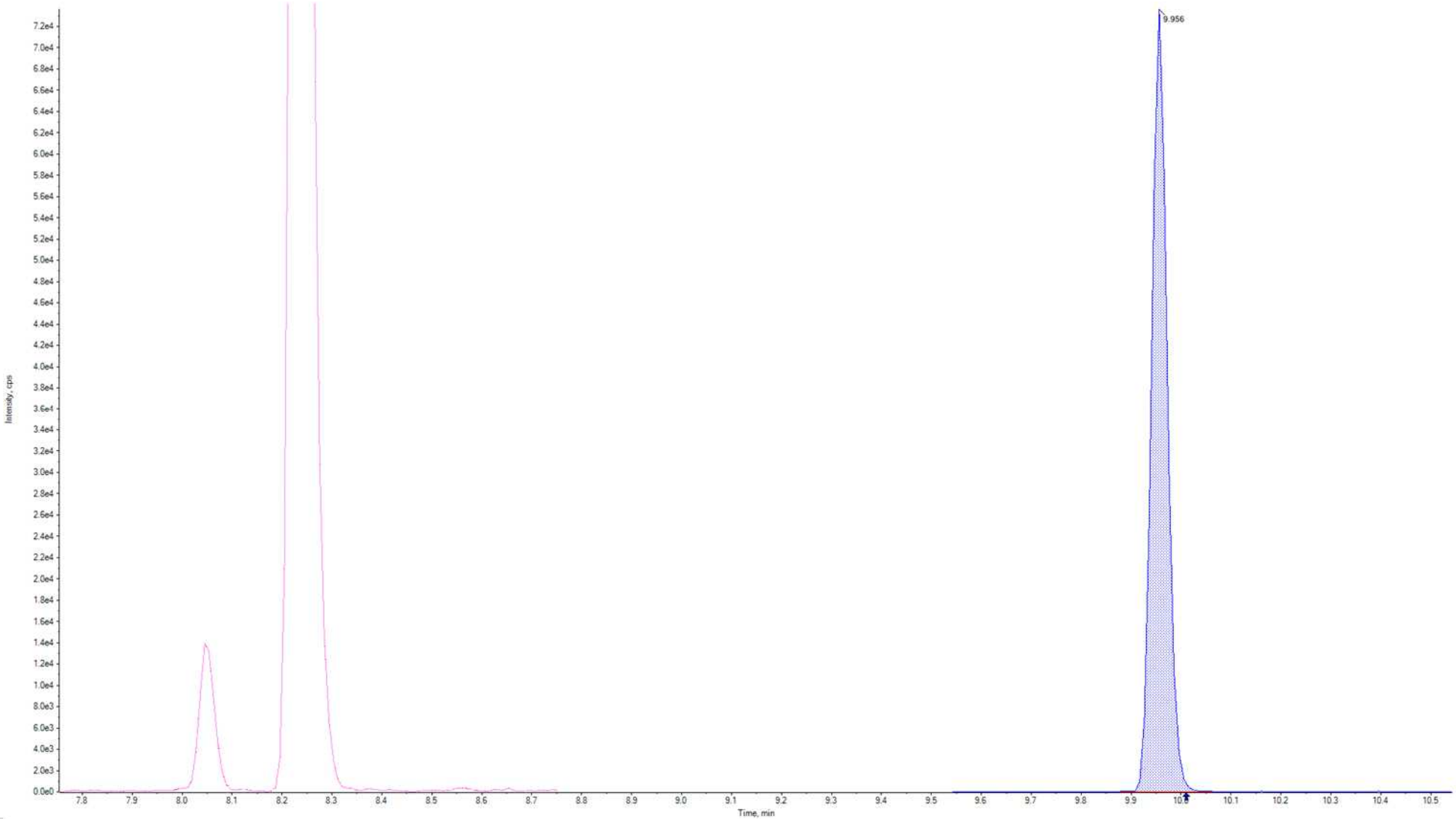
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
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PFDoS
Sample: WG1972379-3,1633MED S/N:7424.0 Points Across peak:30



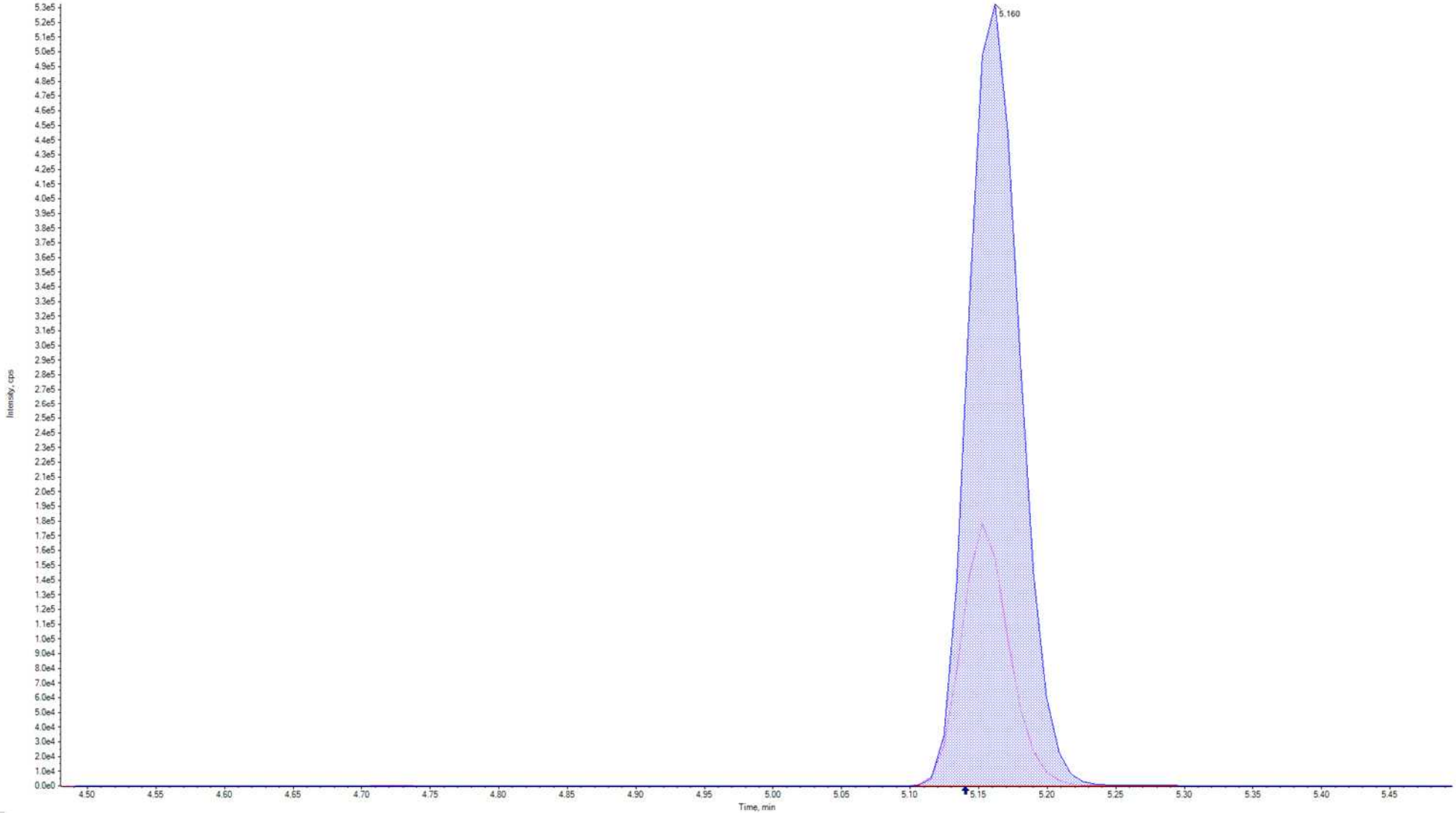
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PFDoS_2
Sample: WG1972379-3,1633MED S/N:18170.9 Points Across peak:30



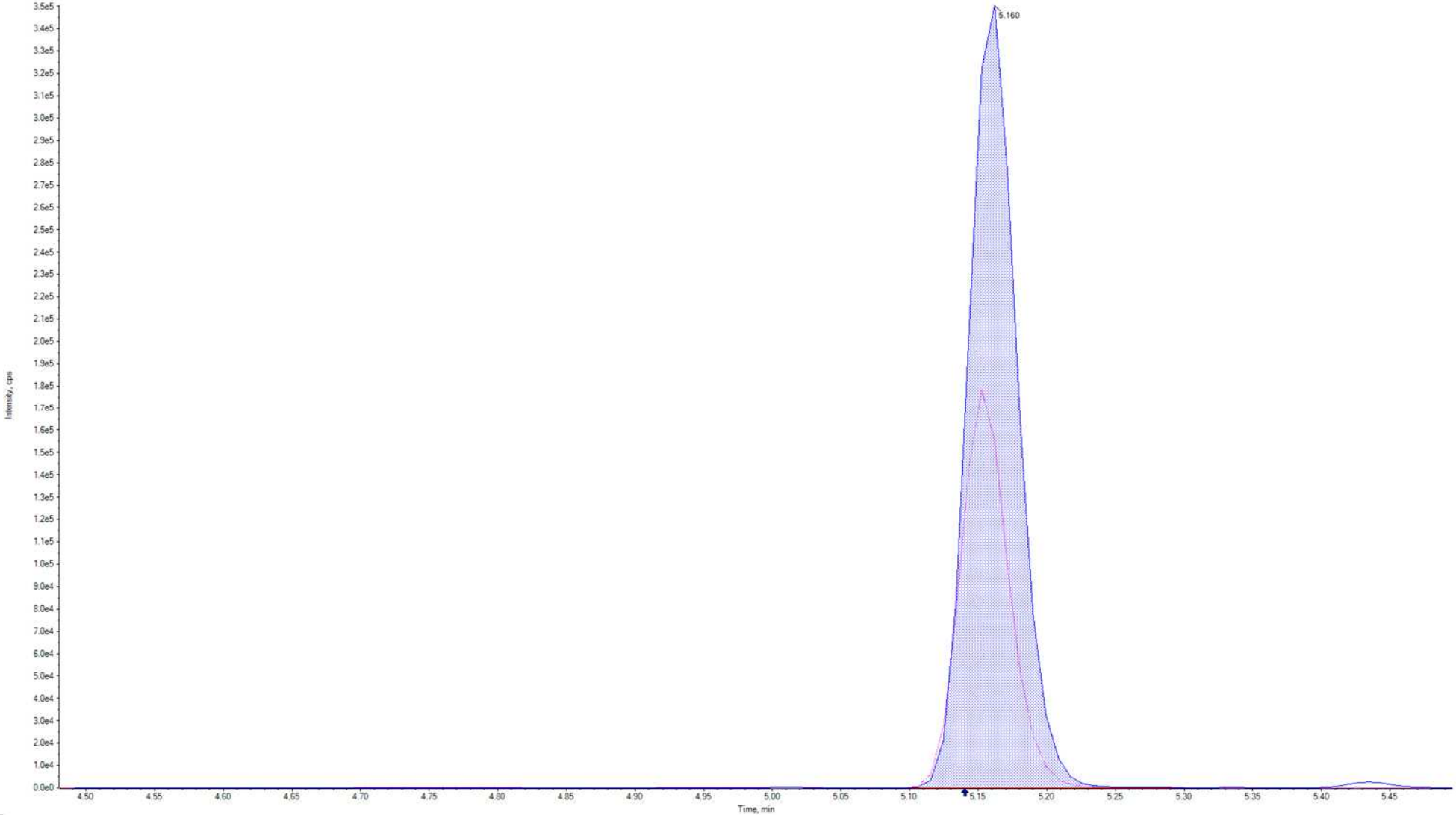
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

4:2FTS
Sample: WG1972379-3,1633MED S/N:4792.7 Points Across peak:27



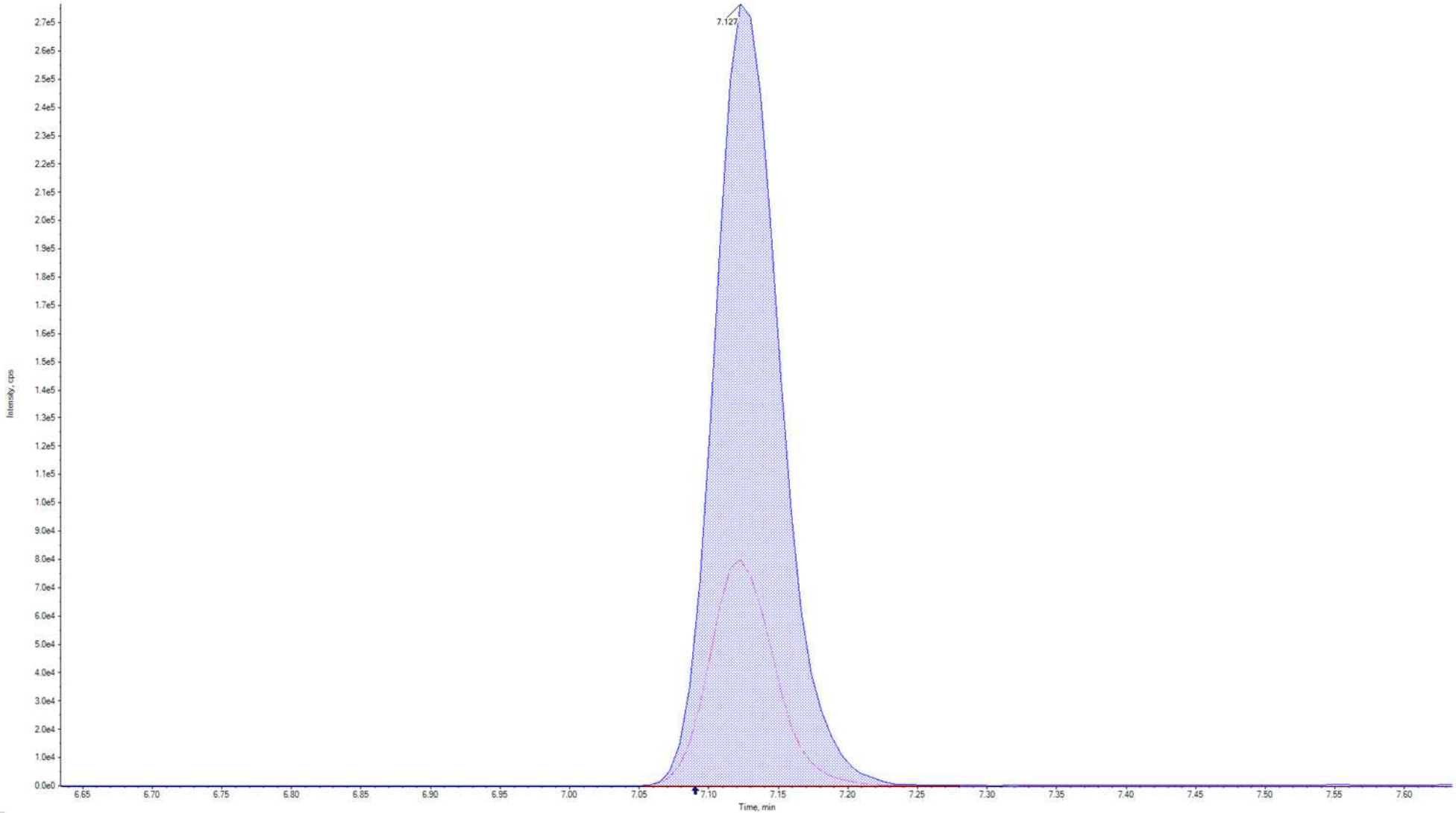
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

4:2FTS_2
Sample: WG1972379-3,1633MED S/N:11029.9 Points Across peak:24



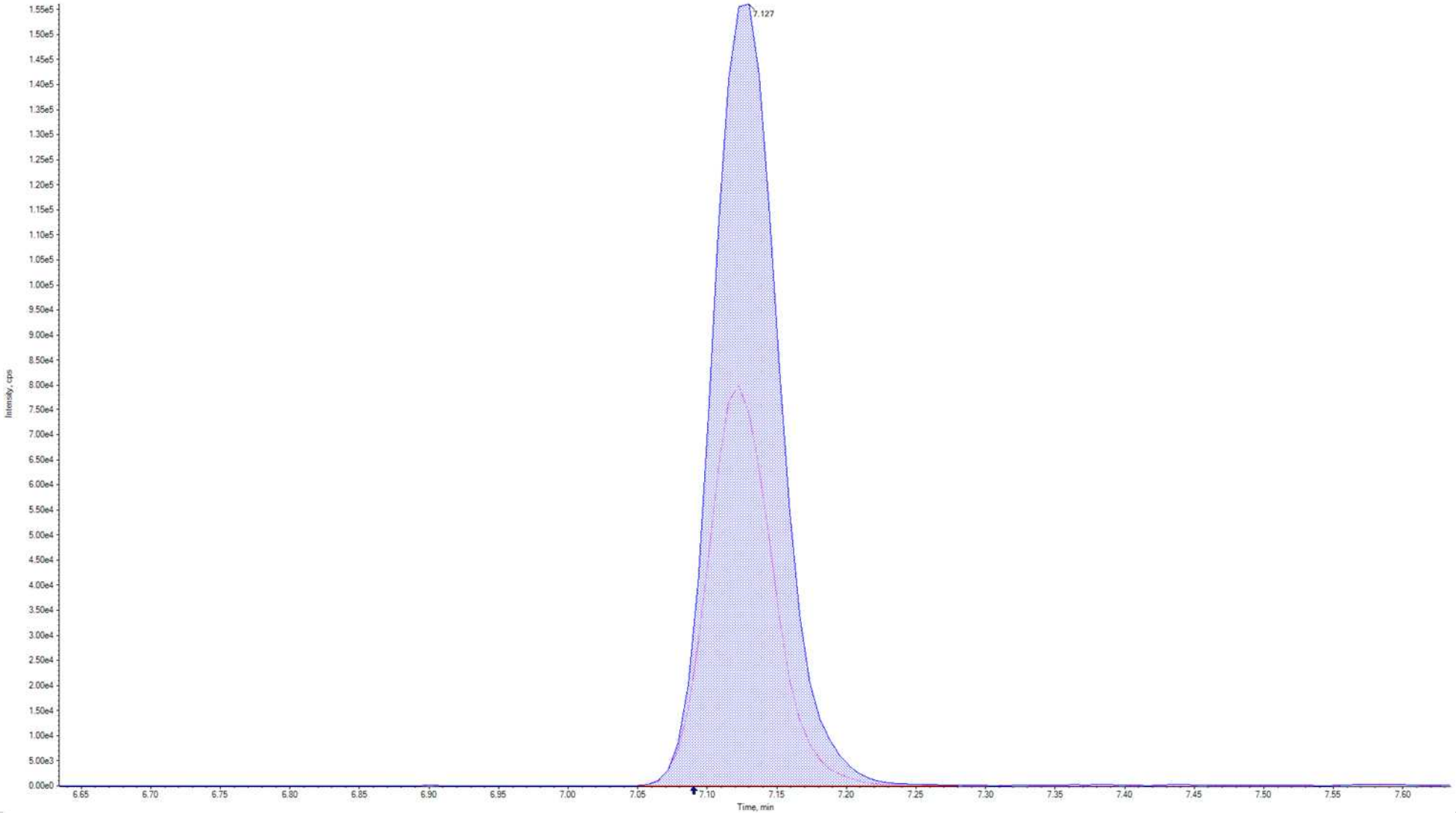
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

6:2FTS
Sample: WG1972379-3,1633MED S/N:44959608.6 Points Across peak:40



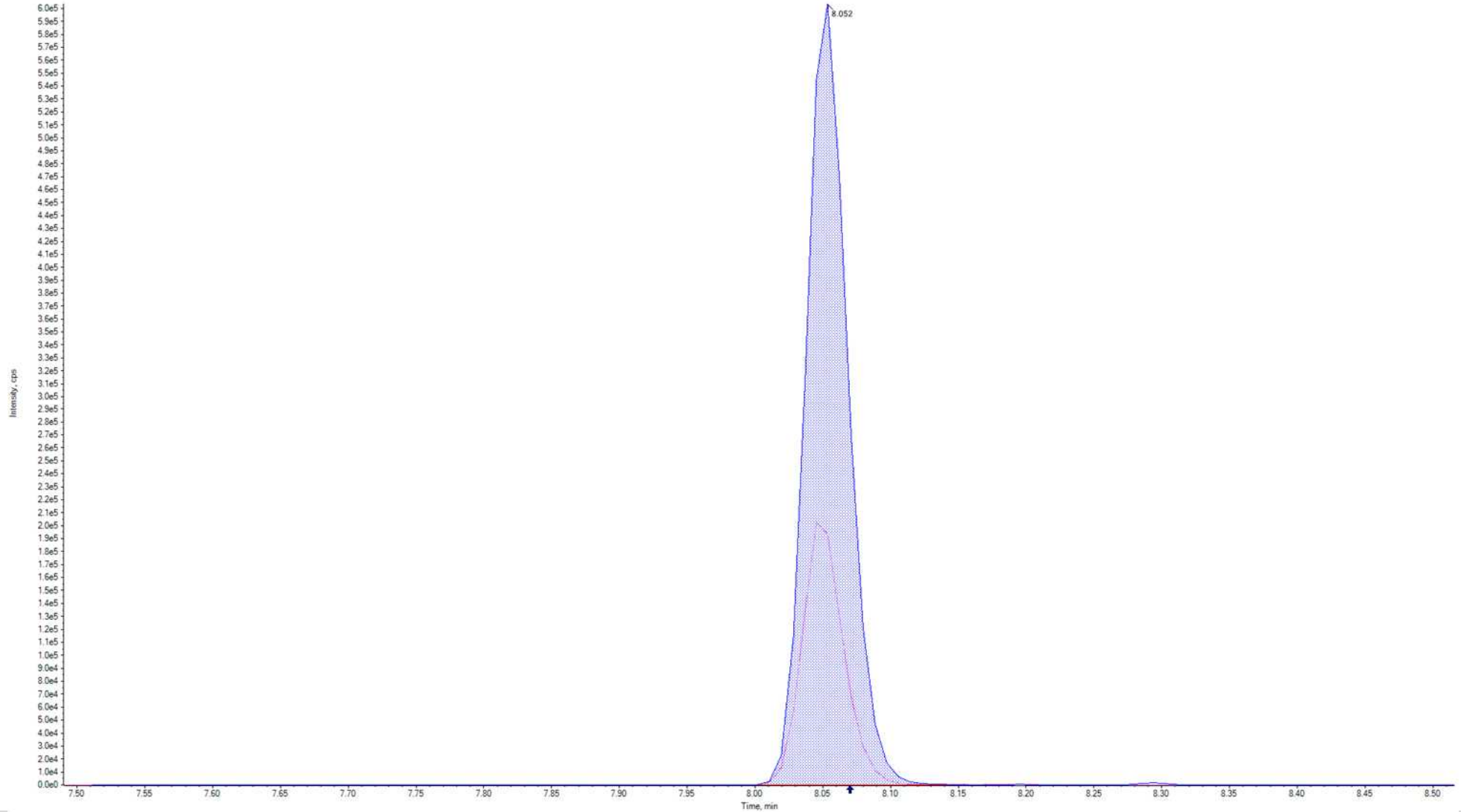
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Generated: 9/17/2024 6:15:27 AM

6:2FTS_2
Sample: WG1972379-3,1633MED S/N:125029.3 Points Across peak:37



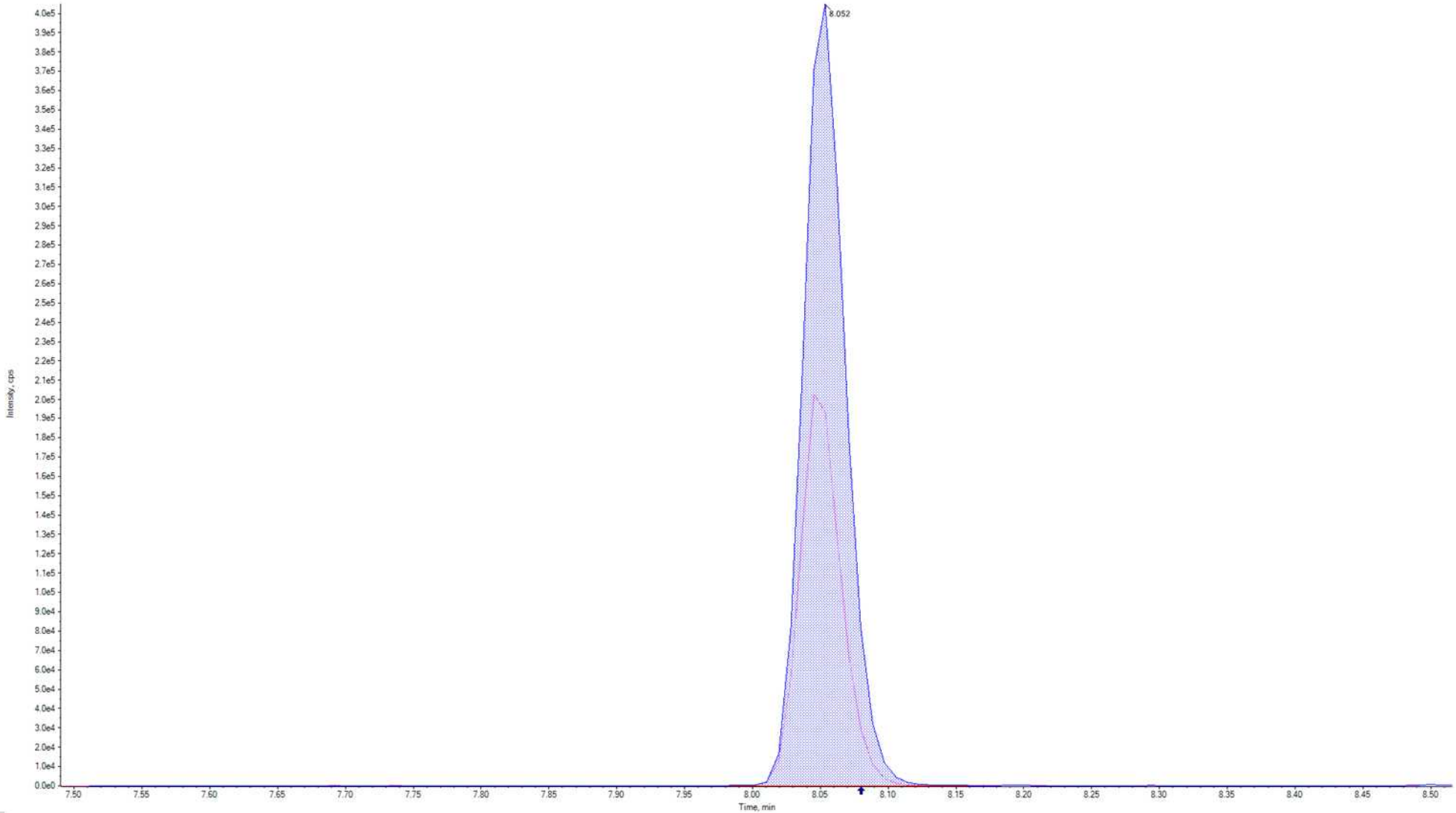
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

8:2FTS
Sample: WG1972379-3,1633MED S/N:4110.8 Points Across peak:23



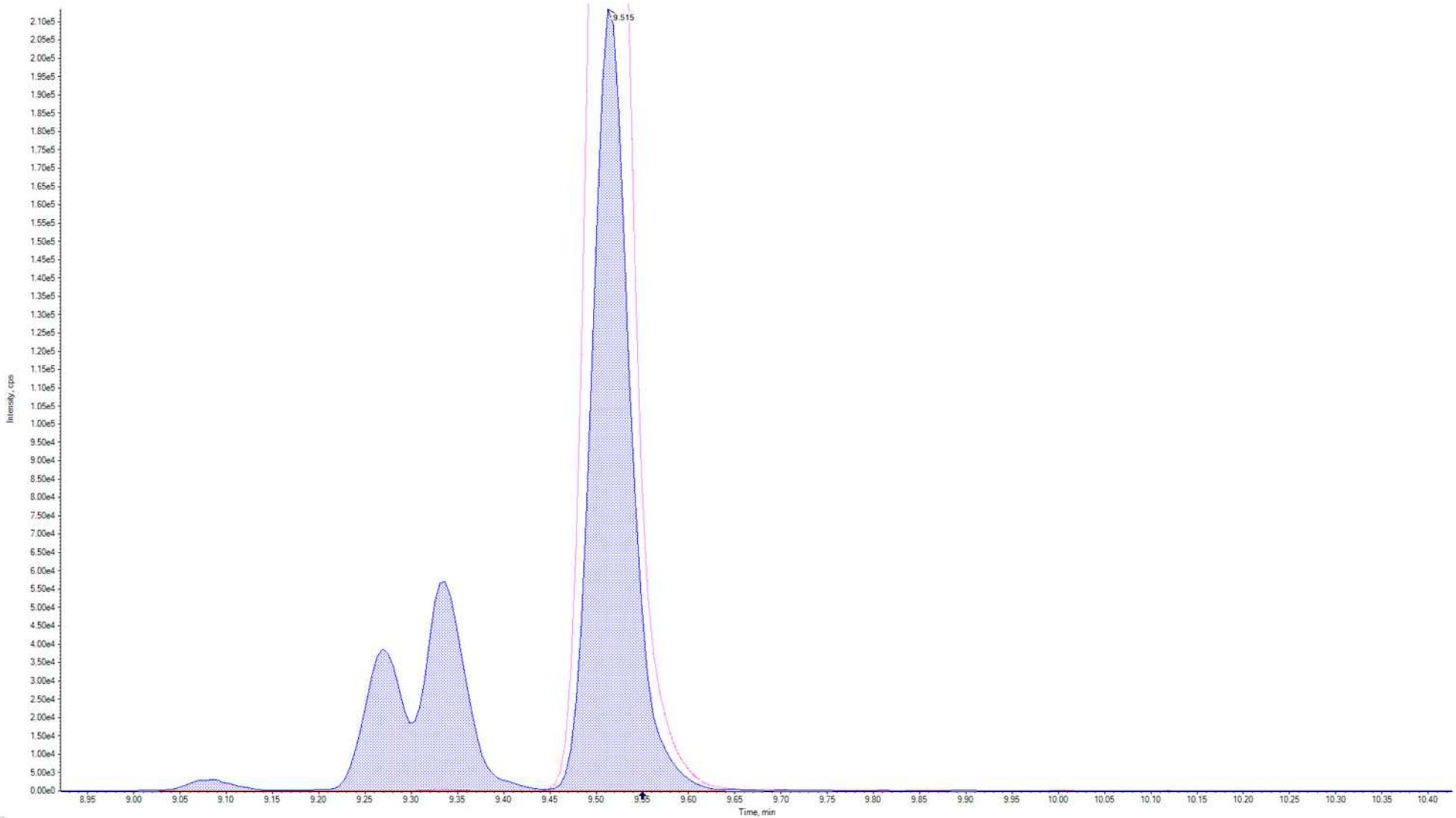
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Alpha Analytical Inc.
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Generated: 9/17/2024 6:15:27 AM

8:2FTS_2
Sample: WG1972379-3,1633MED S/N:2438.8 Points Across peak:29



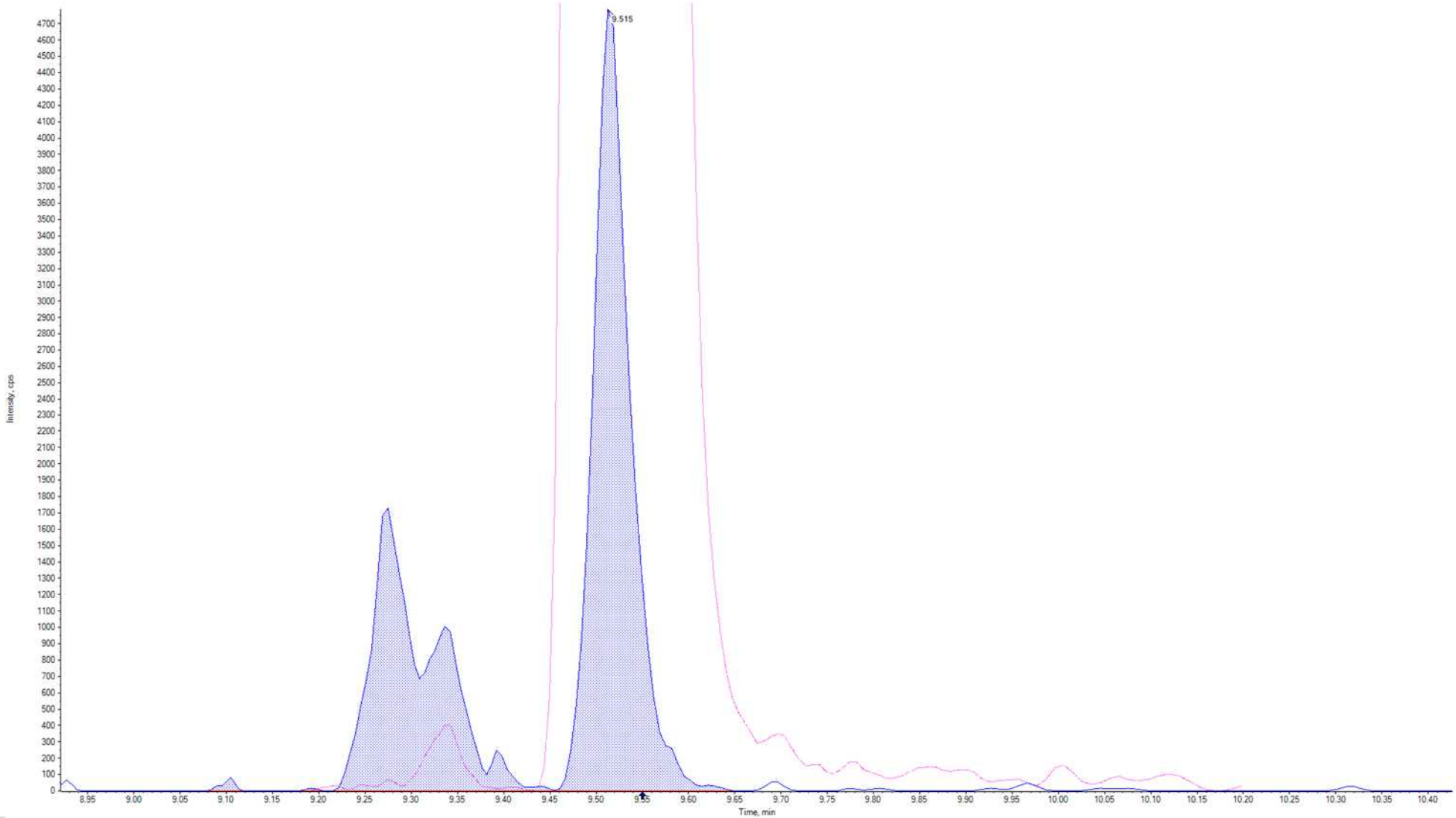
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFOSA
Sample: WG1972379-3,1633MED S/N:29928.4 Points Across peak:110



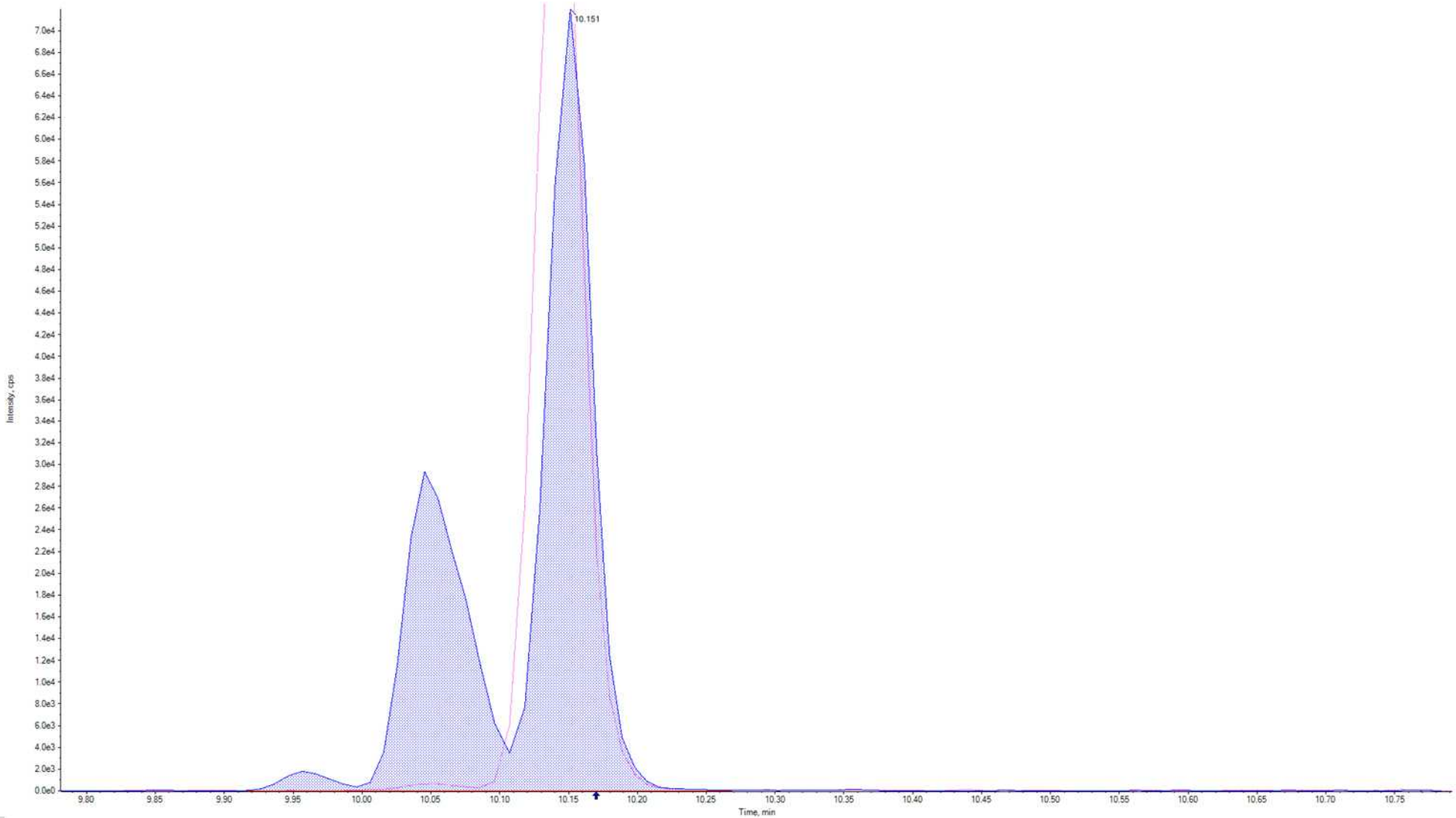
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFOSA_2
Sample: WG1972379-3,1633MED S/N:689.0 Points Across peak:104



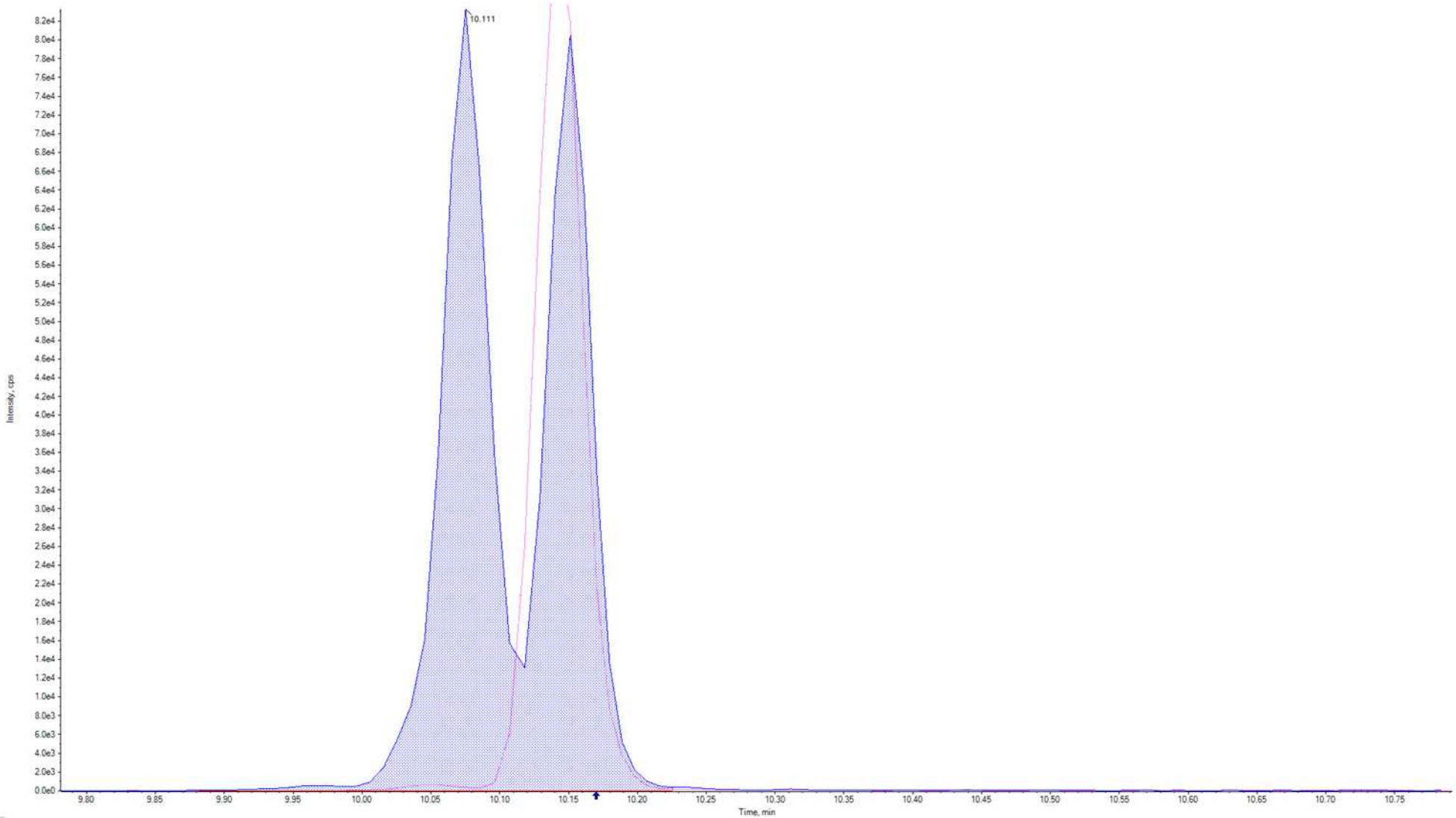
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSA
Sample: WG1972379-3,1633MED S/N:47998.2 Points Across peak:40



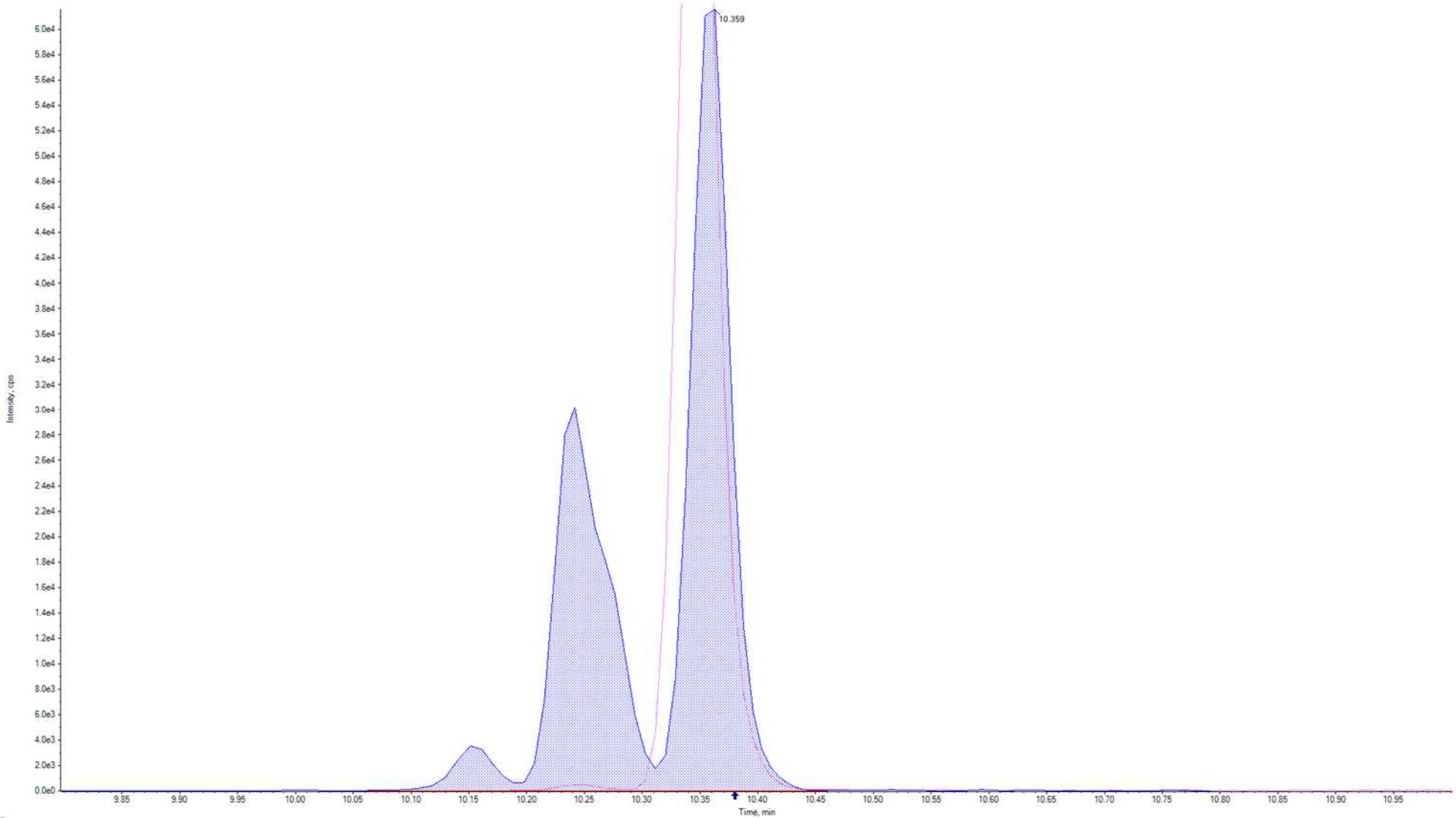
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSA_2
Sample: WG1972379-3,1633MED S/N:14212.8 Points Across peak:38



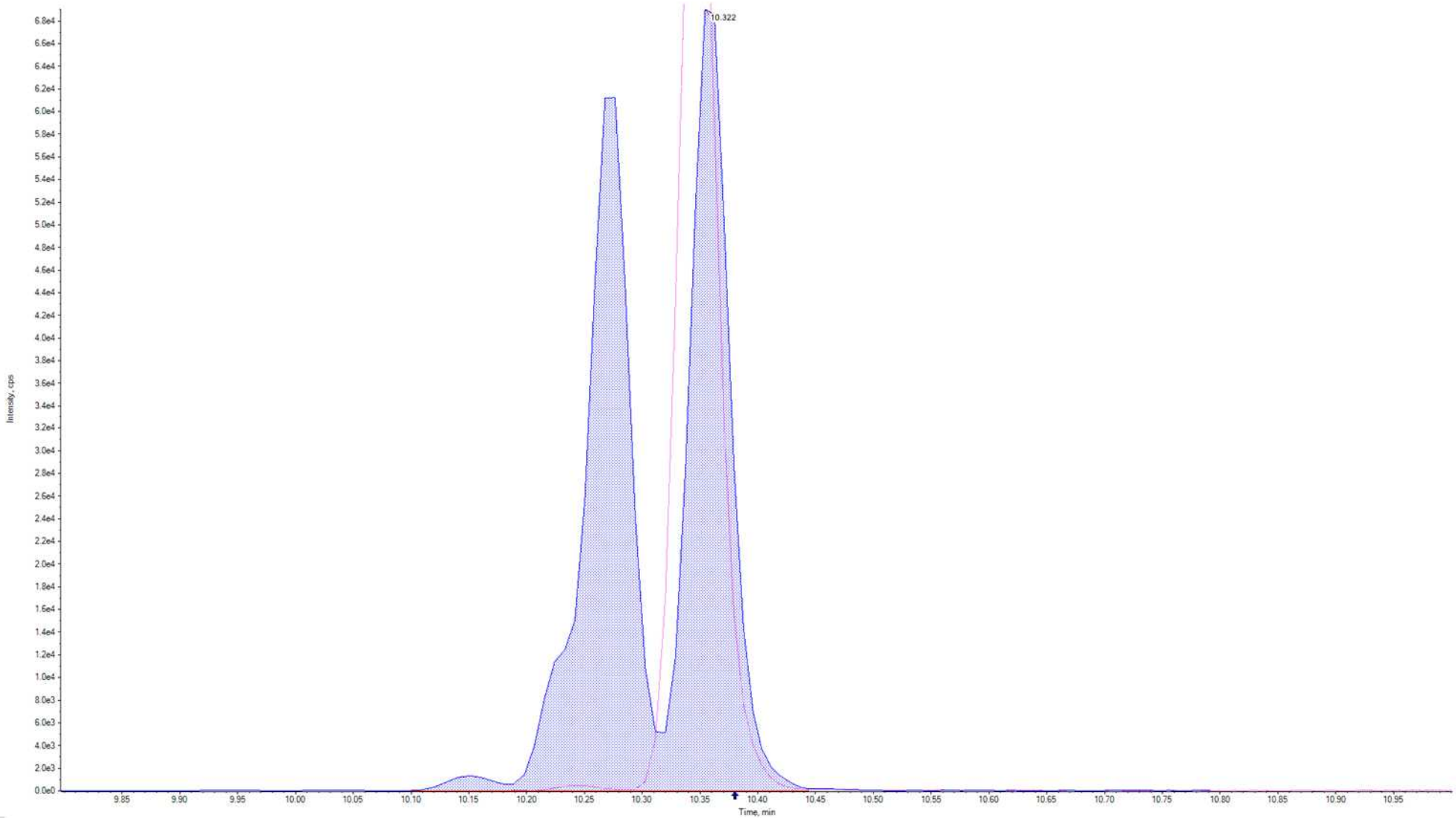
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSA
Sample: WG1972379-3,1633MED S/N:80263.7 Points Across peak:49



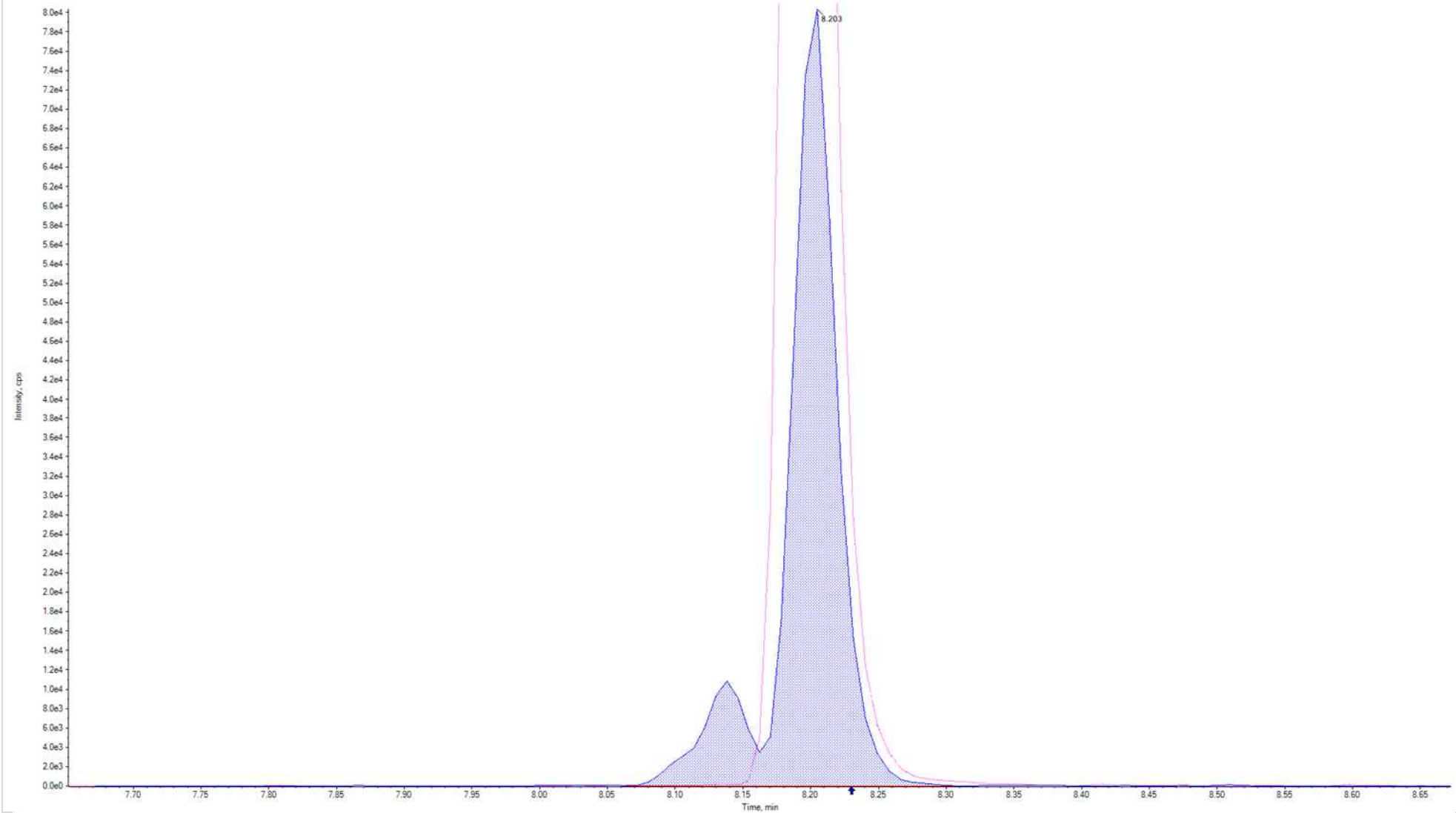
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSA_2
Sample: WG1972379-3,1633MED S/N:9701529.4 Points Across peak:42



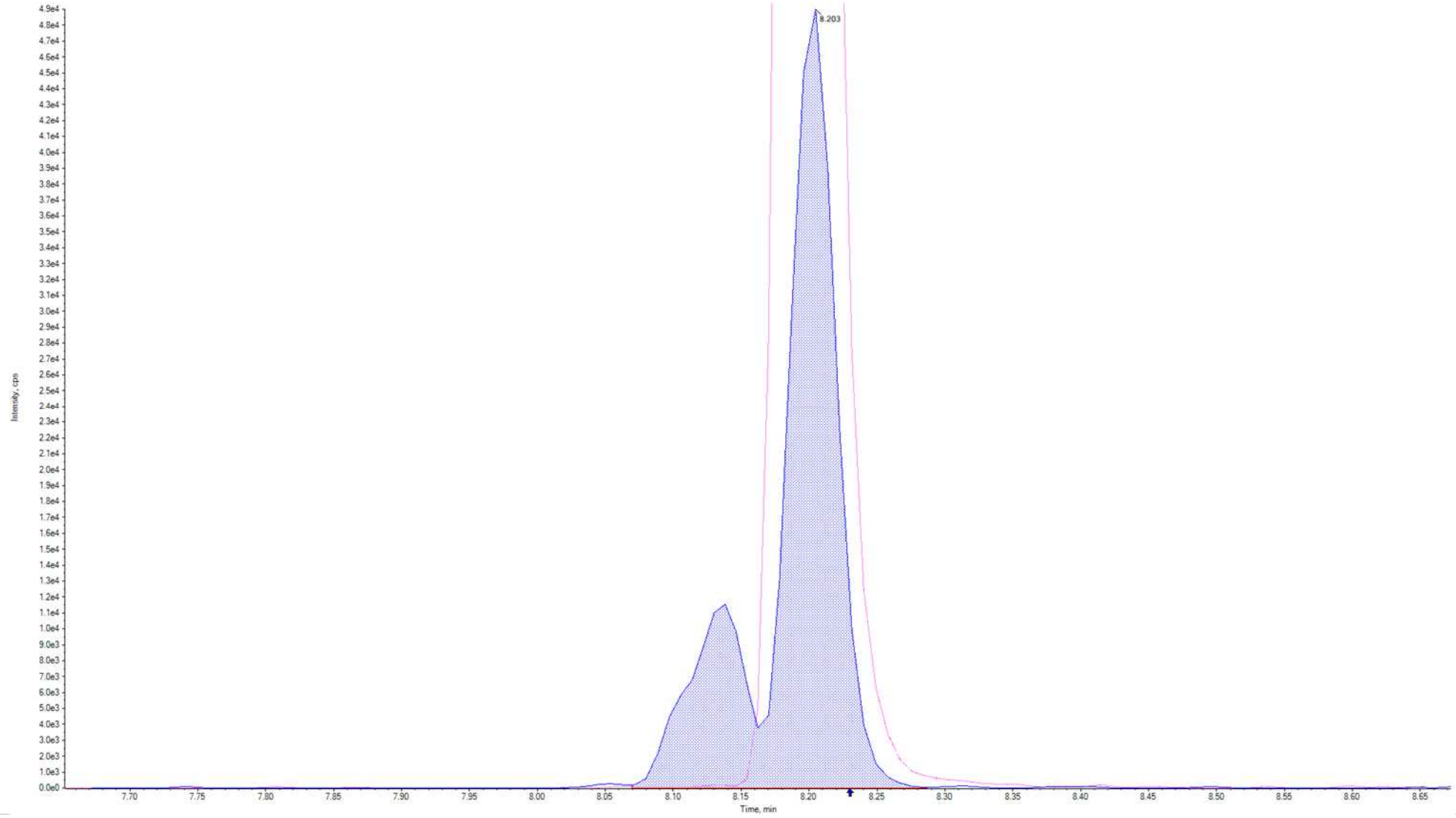
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSAA
Sample: WG1972379-3,1633MED S/N:1120.8 Points Across peak:30



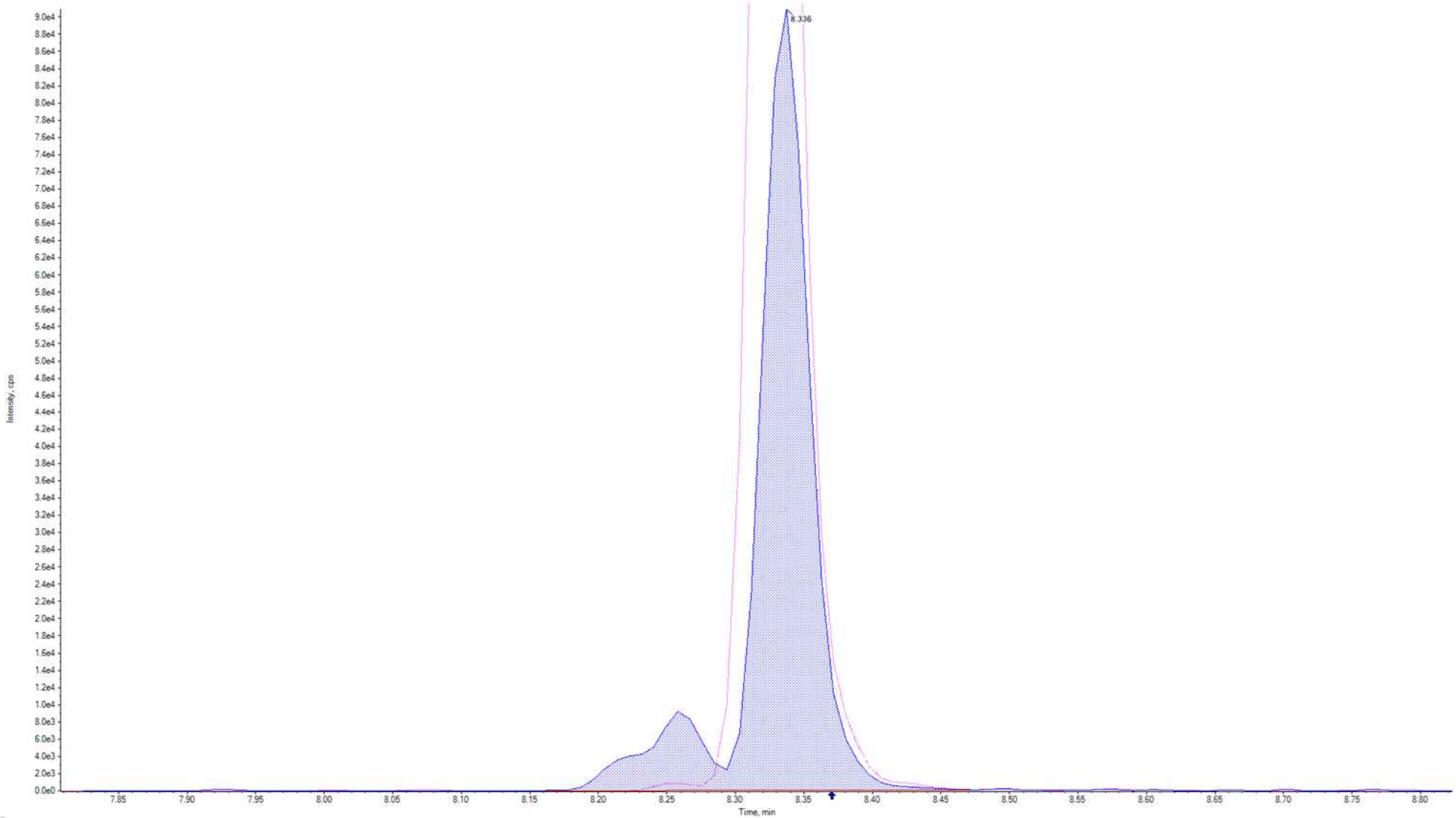
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSAA_2
Sample: WG1972379-3,1633MED S/N:682.5 Points Across peak:28



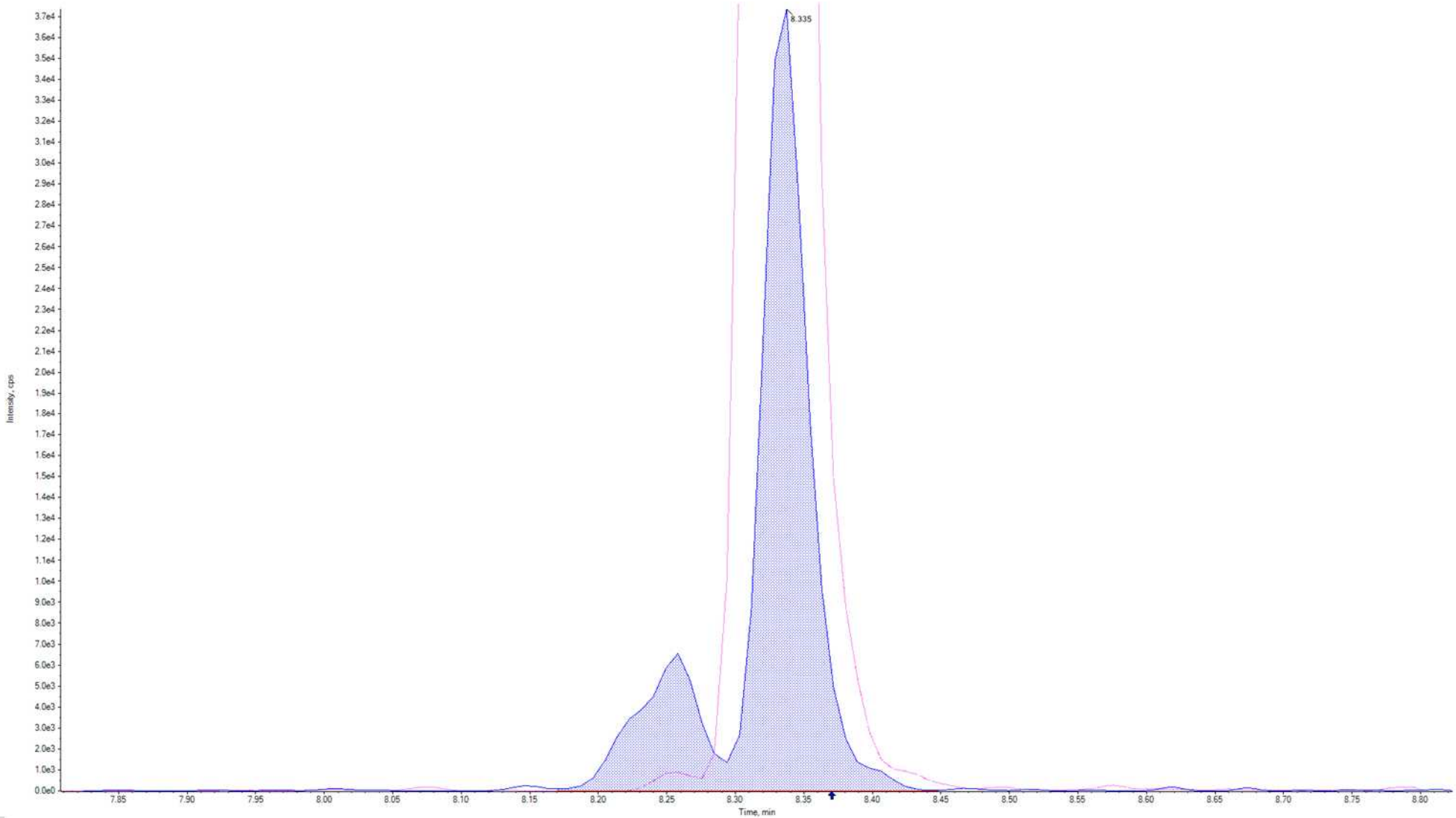
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSAA
Sample: WG1972379-3,1633MED S/N:768.4 Points Across peak:39



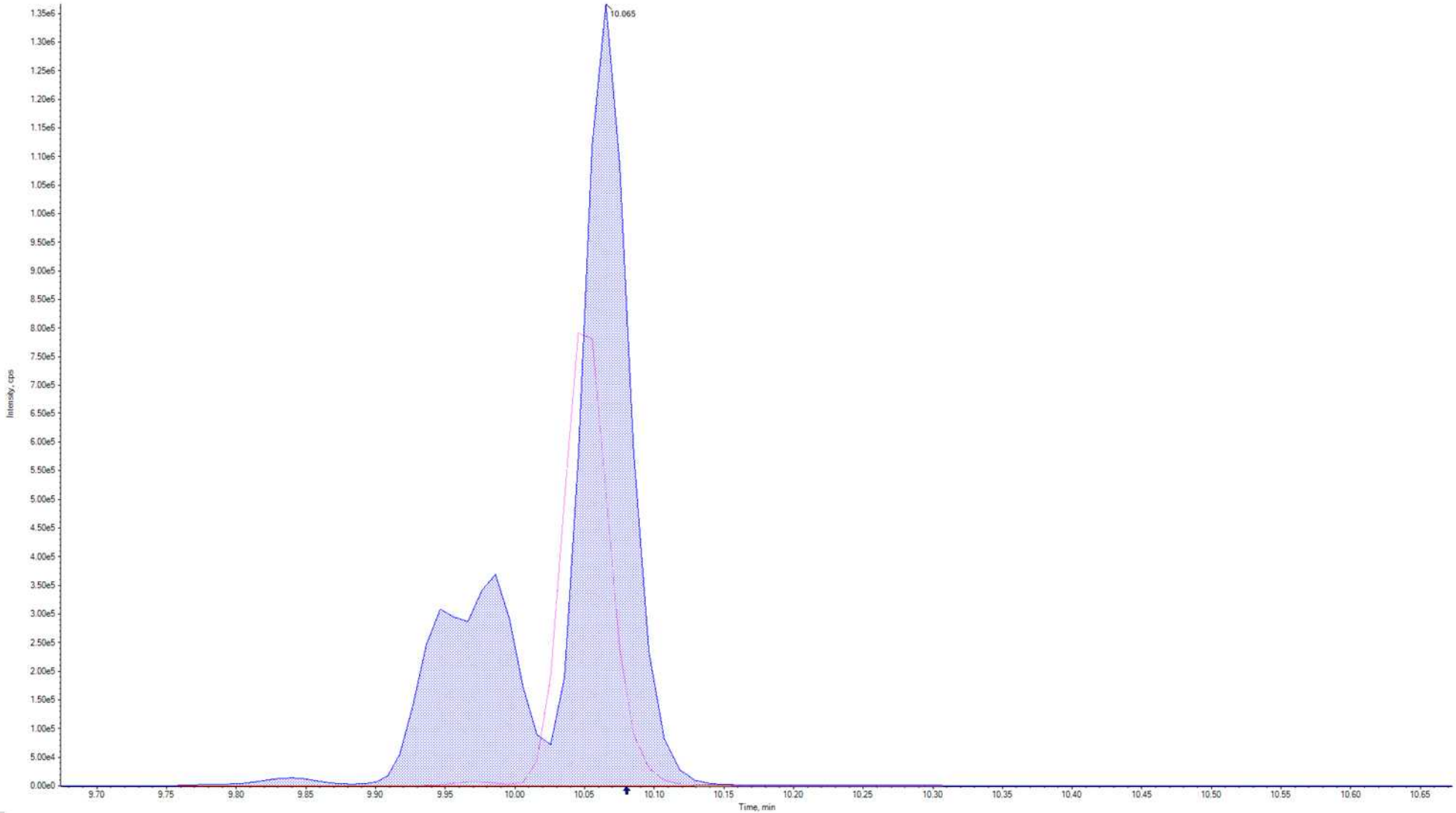
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSAA_2
Sample: WG1972379-3,1633MED S/N:499.2 Points Across peak:33



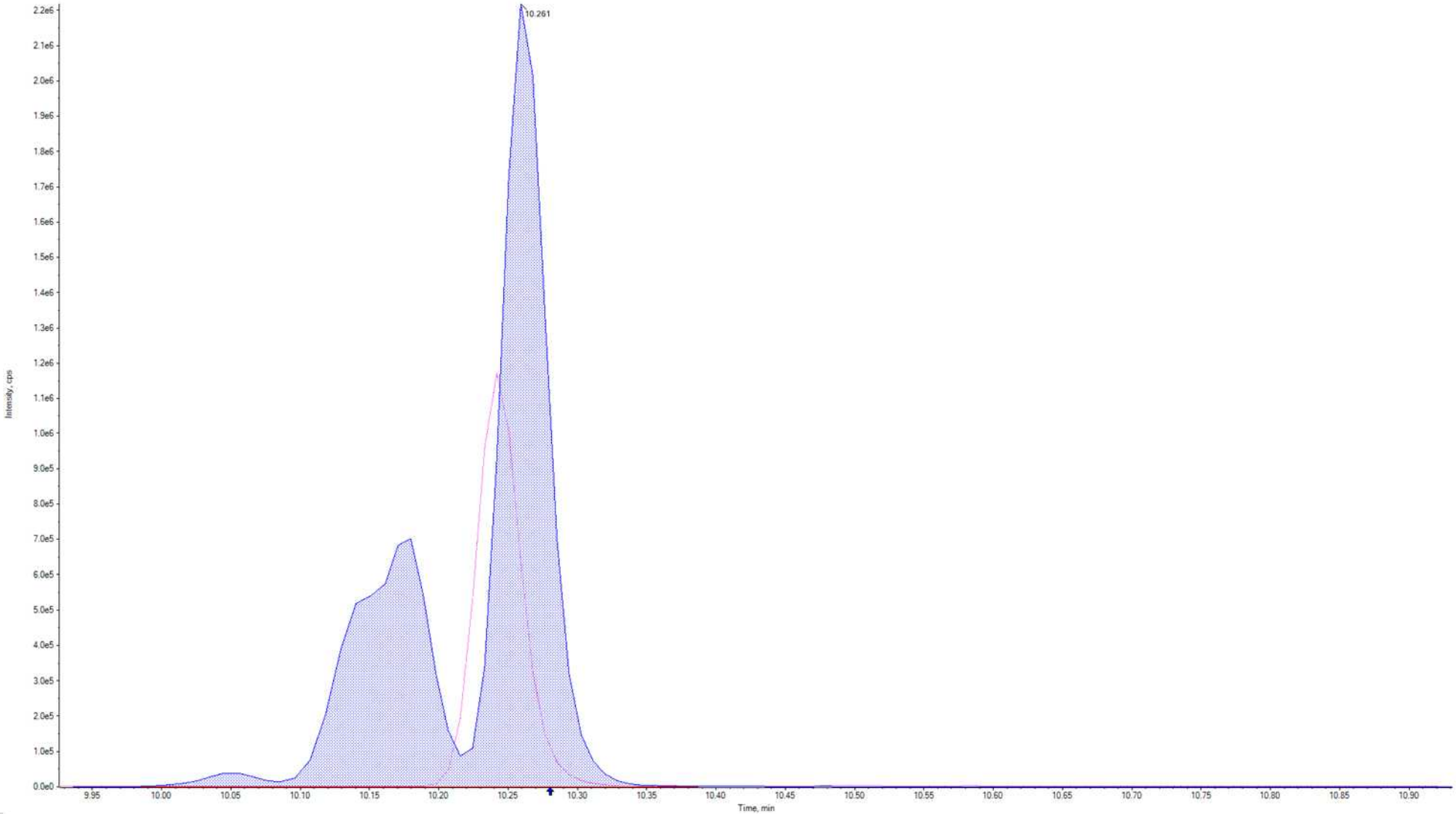
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSE
Sample: WG1972379-3,1633MED S/N:2937.0 Points Across peak:50



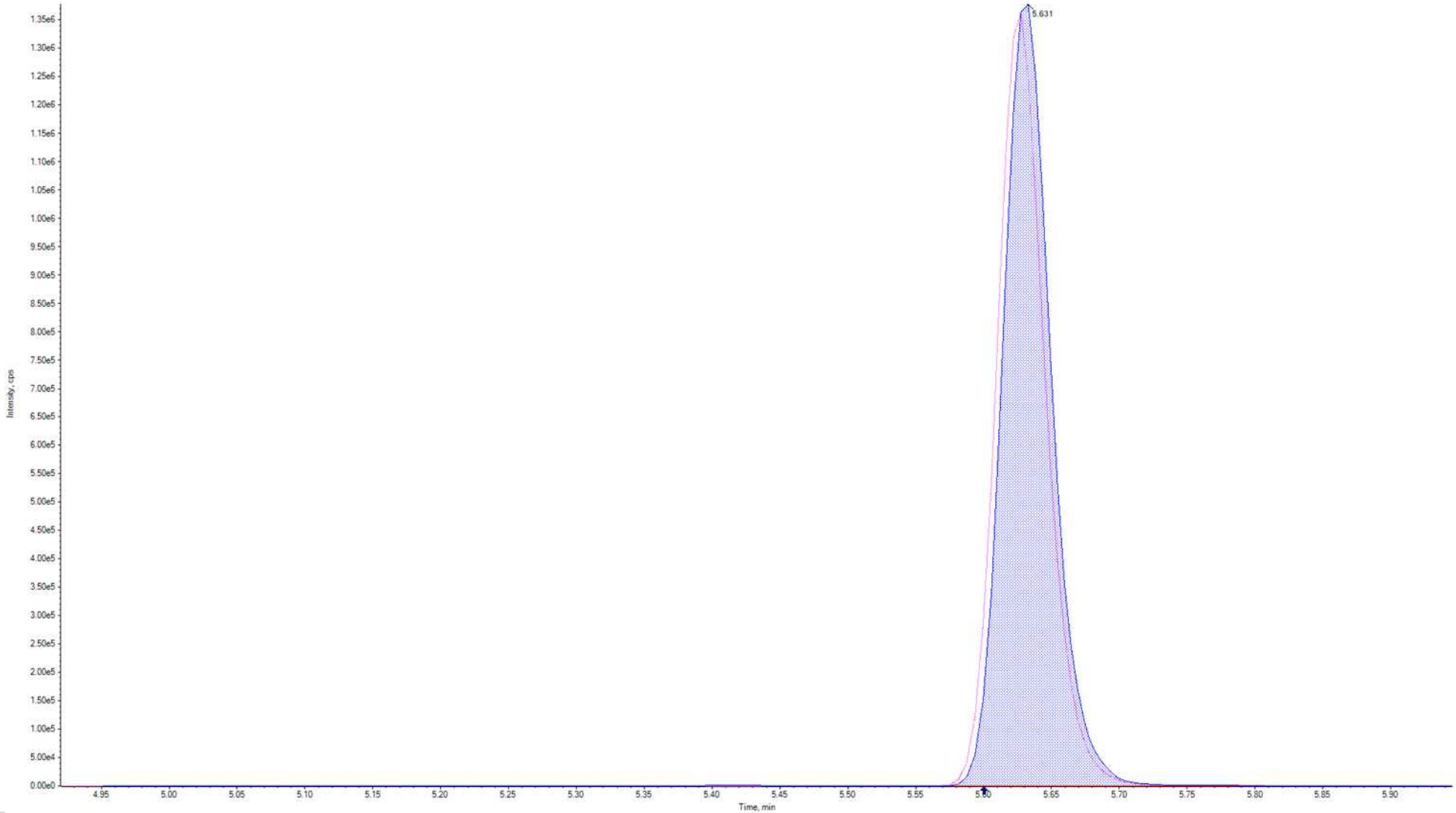
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSE
Sample: WG1972379-3,1633MED S/N:2988.5 Points Across peak:47



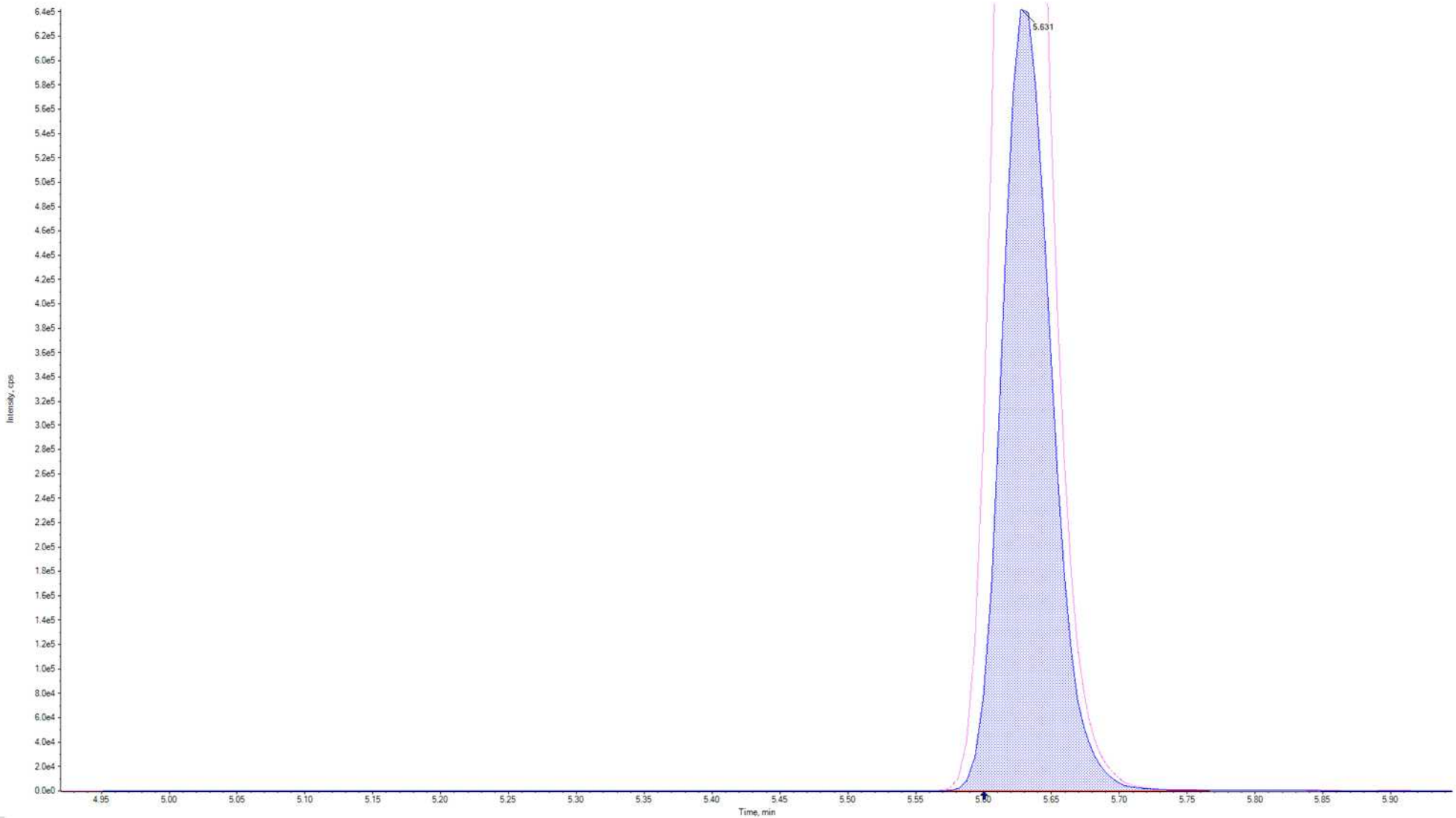
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

HFPO-DA
Sample: WG1972379-3,1633MED S/N:66292.2 Points Across peak:61



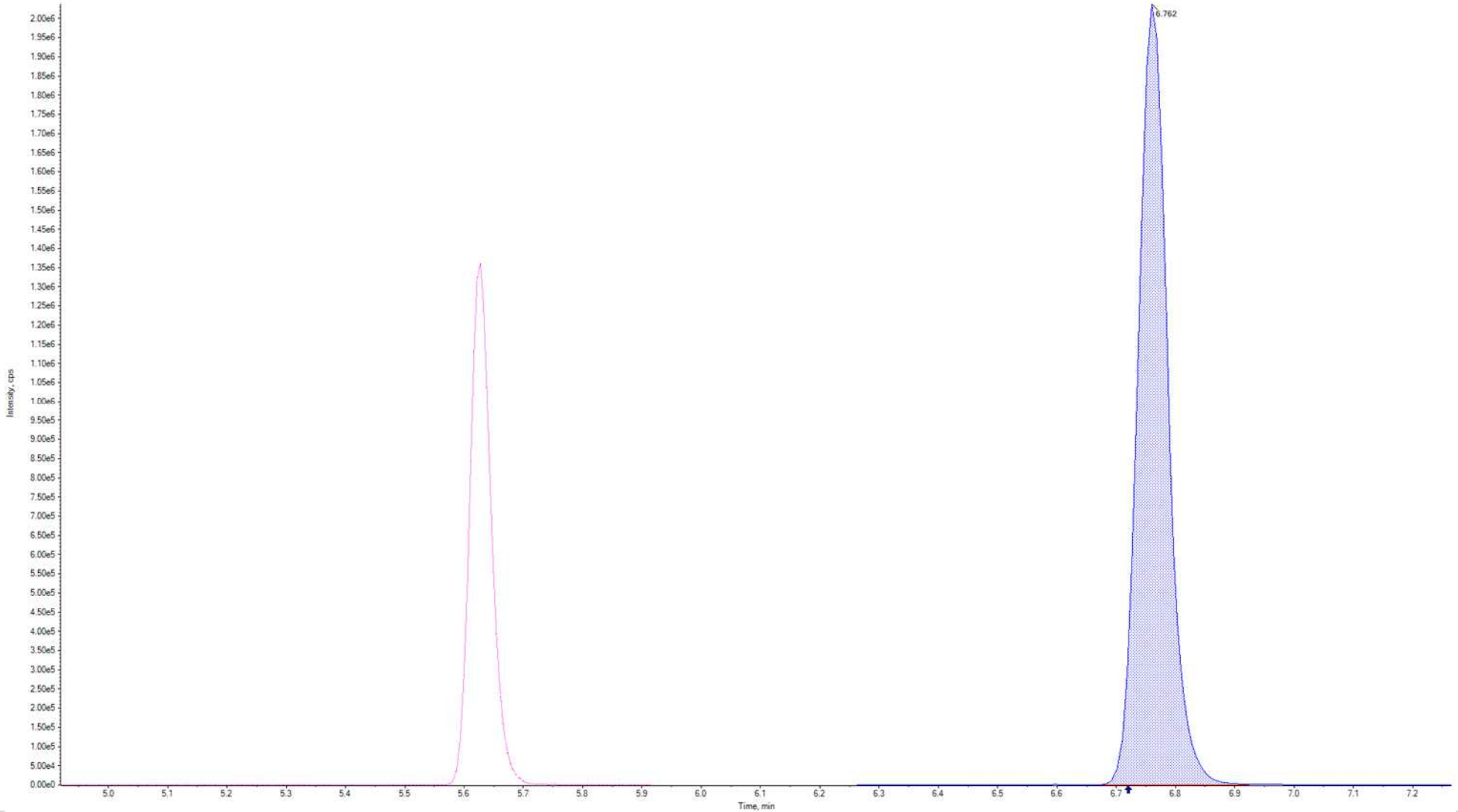
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

HFPO-DA_2
Sample: WG1972379-3,1633MED S/N:4532.7 Points Across peak:43



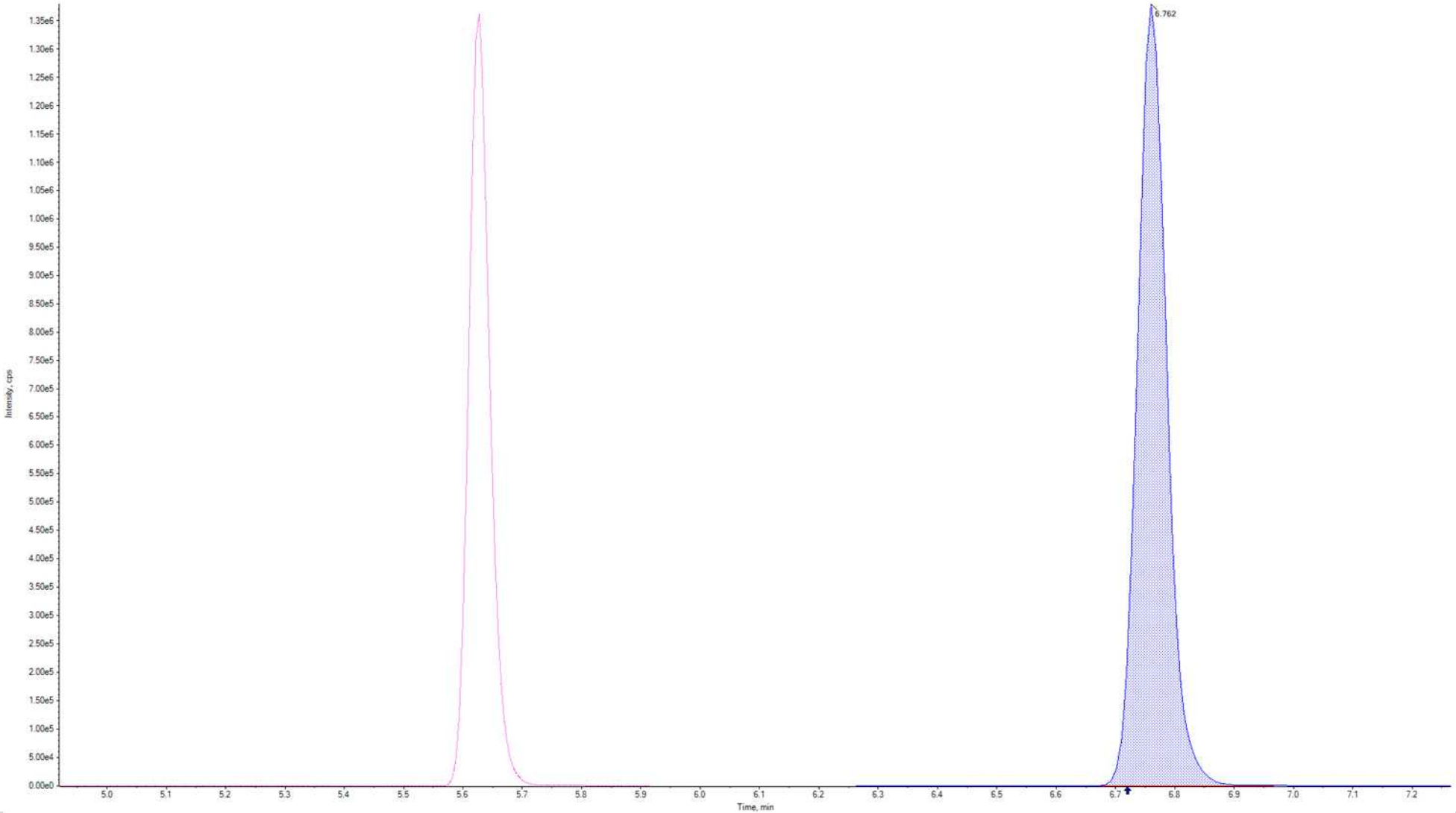
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

ADONA
Sample: WG1972379-3,1633MED S/N:31503.1 Points Across peak:38



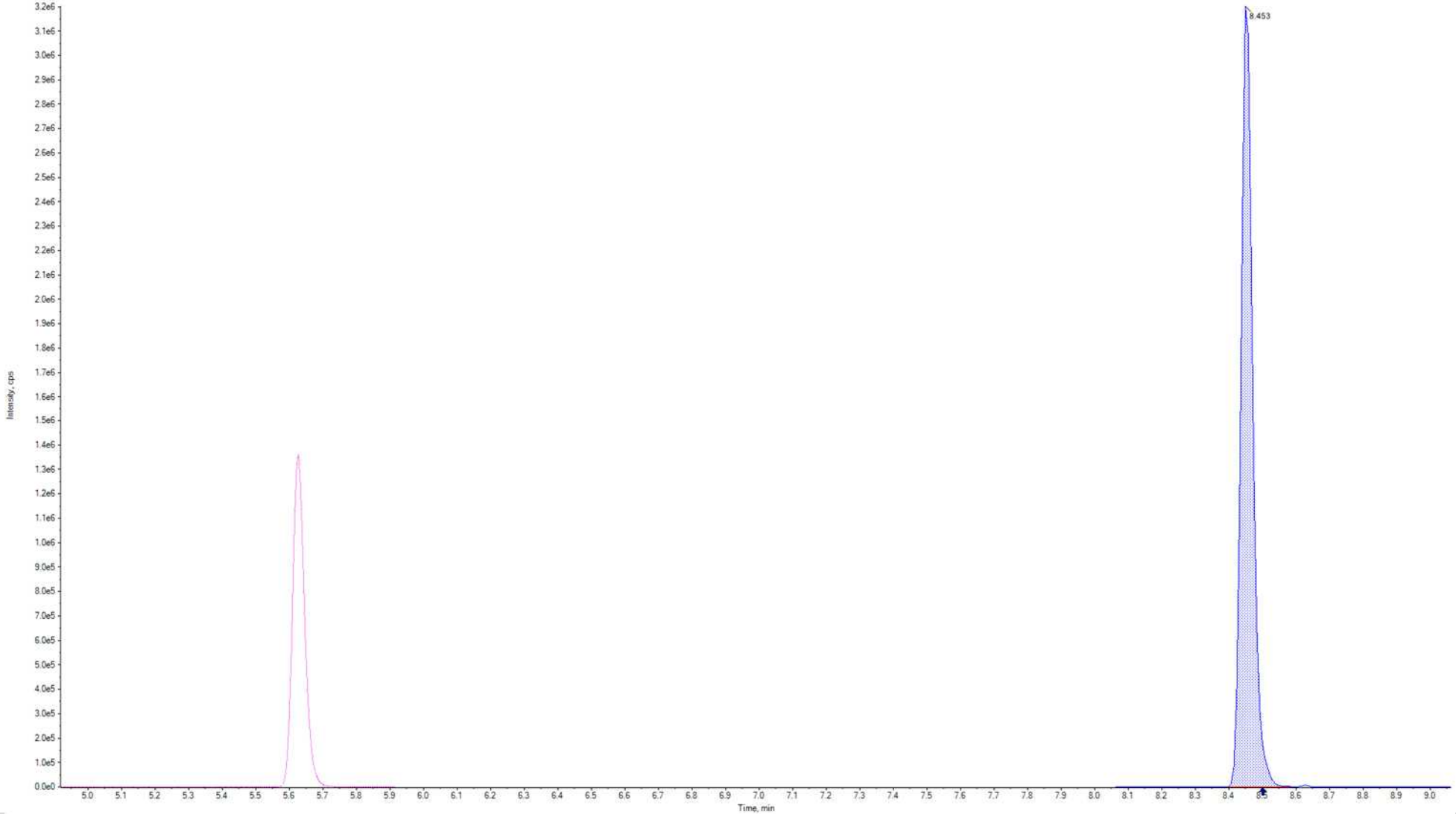
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

ADONA_2
Sample: WG1972379-3,1633MED S/N:14966.3 Points Across peak:46



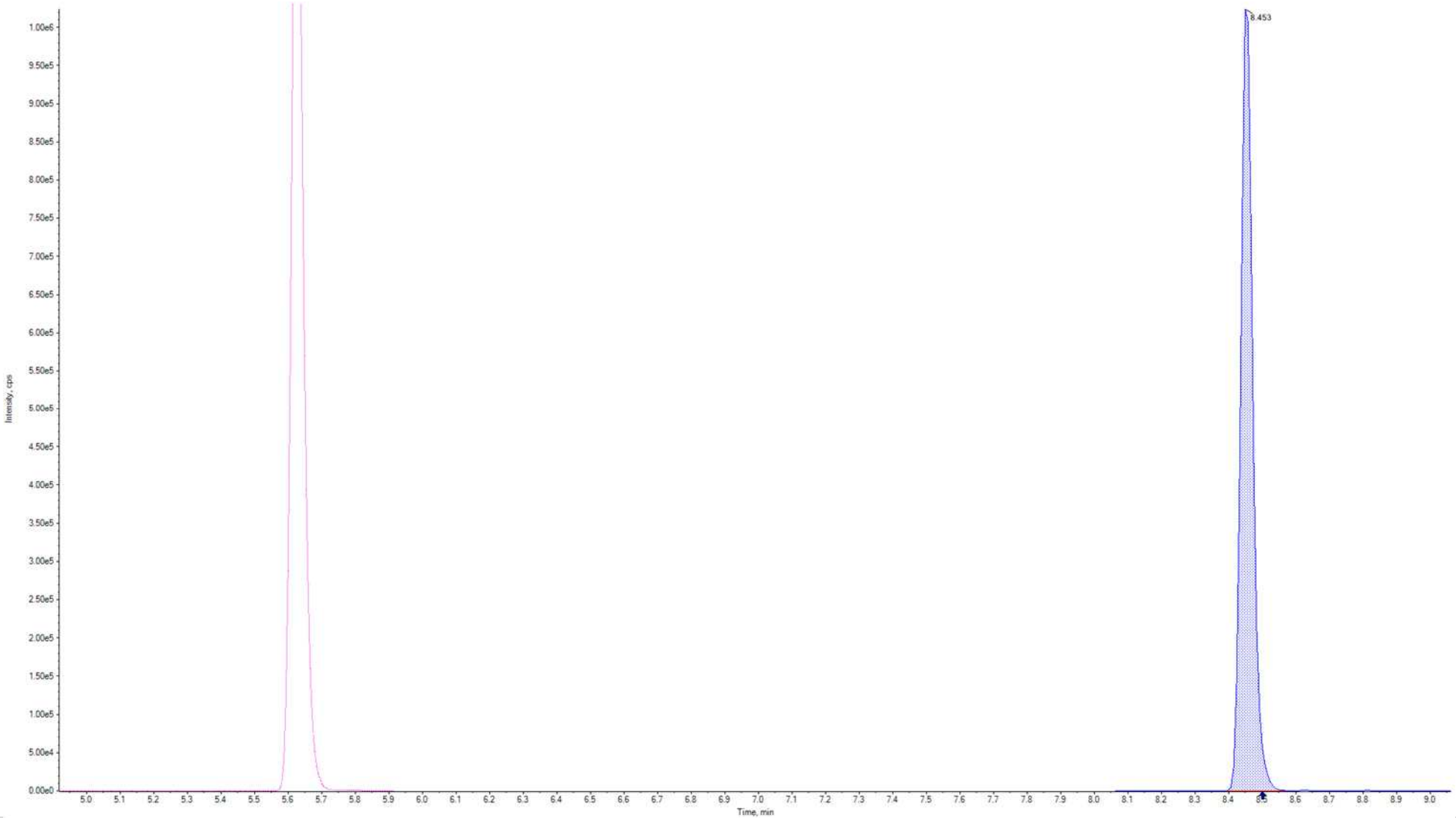
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

9Cl-PF3ONS
Sample: WG1972379-3,1633MED S/N:34477.1 Points Across peak:28



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

9Cl-PF3ONS_2
Sample: WG1972379-3,1633MED S/N:4652.0 Points Across peak:27



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

11Cl-PF3OUdS
Sample: WG1972379-3,1633MED S/N:3651.7 Points Across peak:35



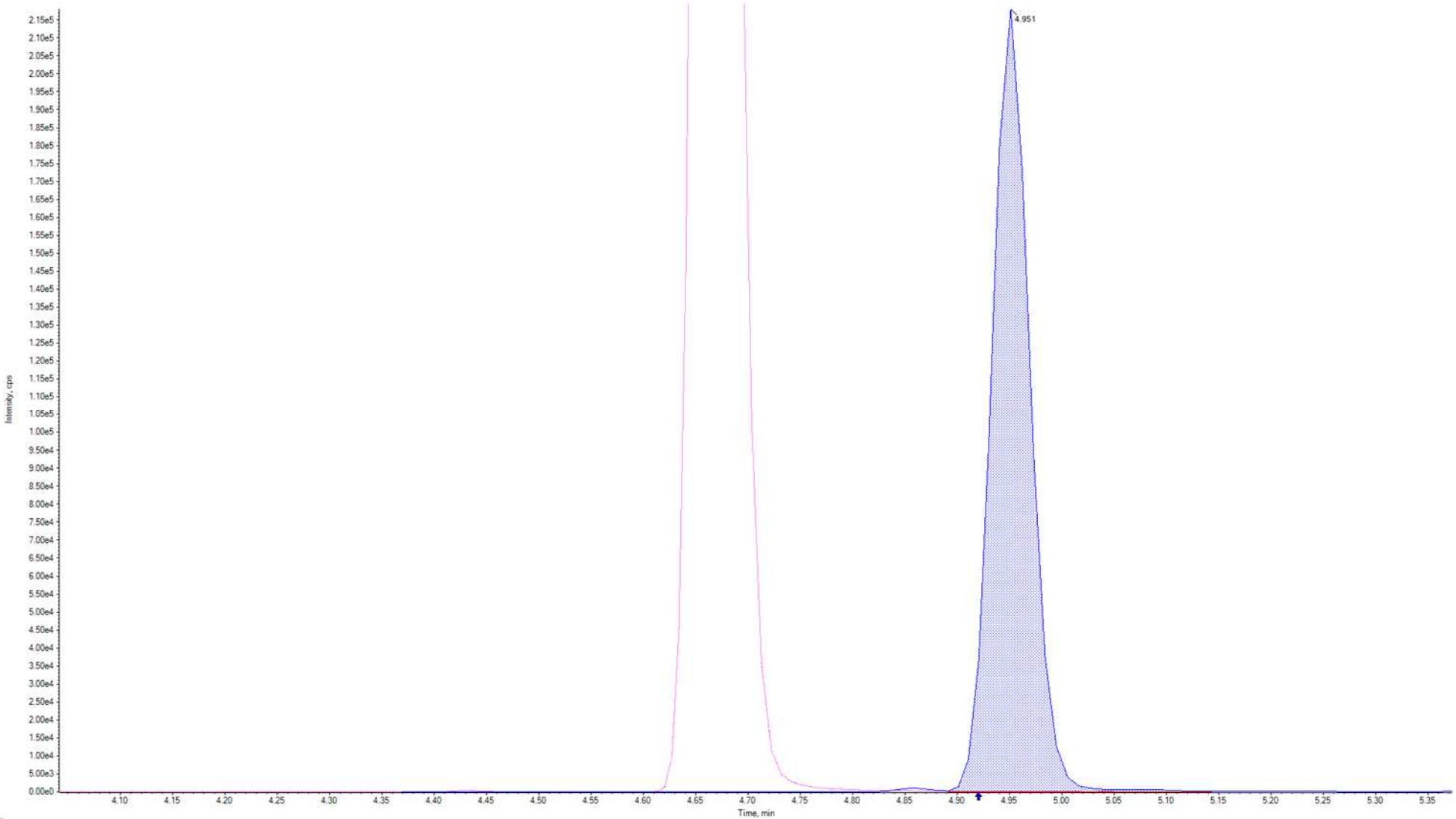
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

11Cl-PF3OUdS_2
Sample: WG1972379-3,1633MED S/N:60691.7 Points Across peak:42



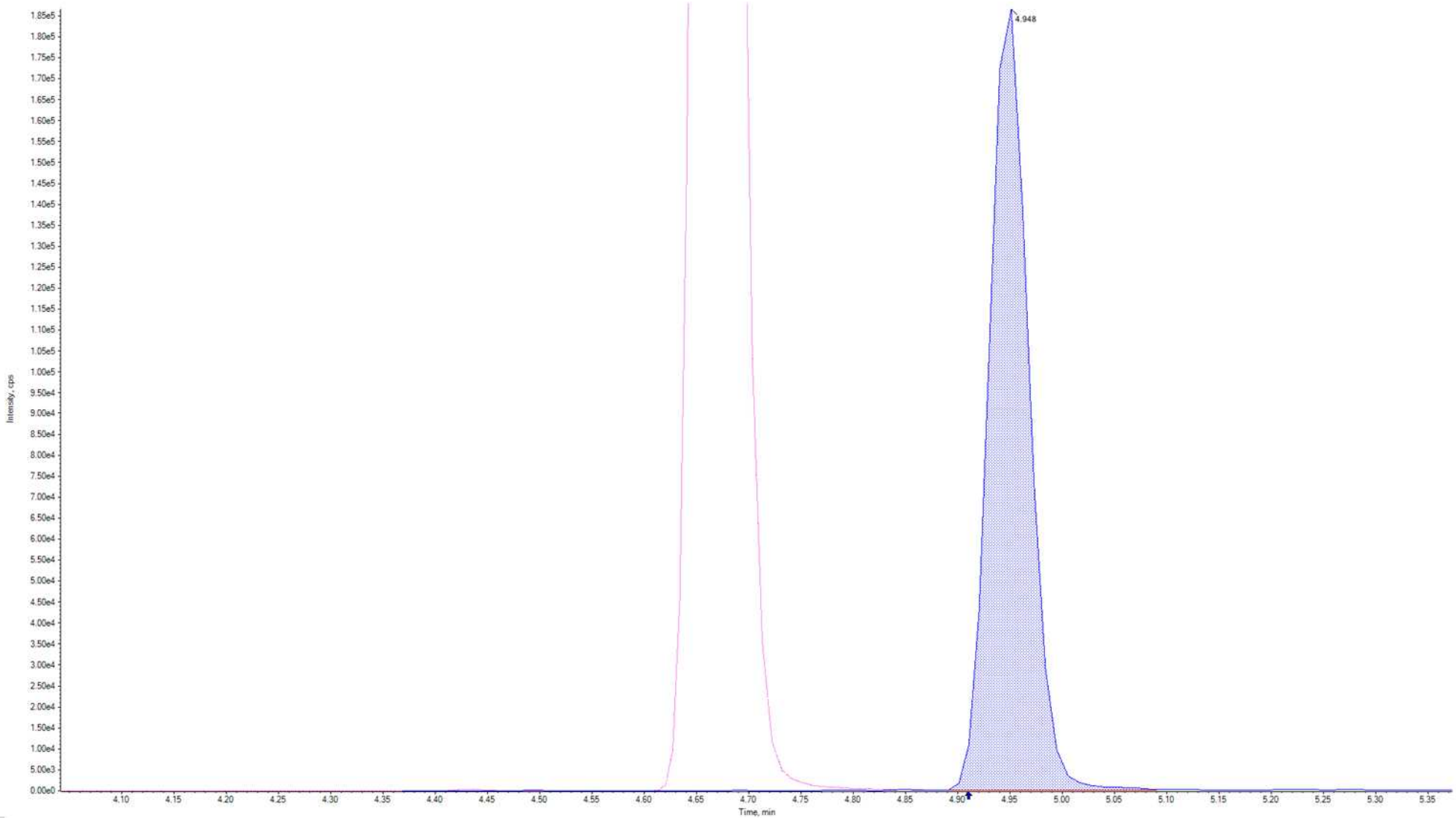
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

3:3FTCA
Sample: WG1972379-3,1633MED S/N:3606.1 Points Across peak:27



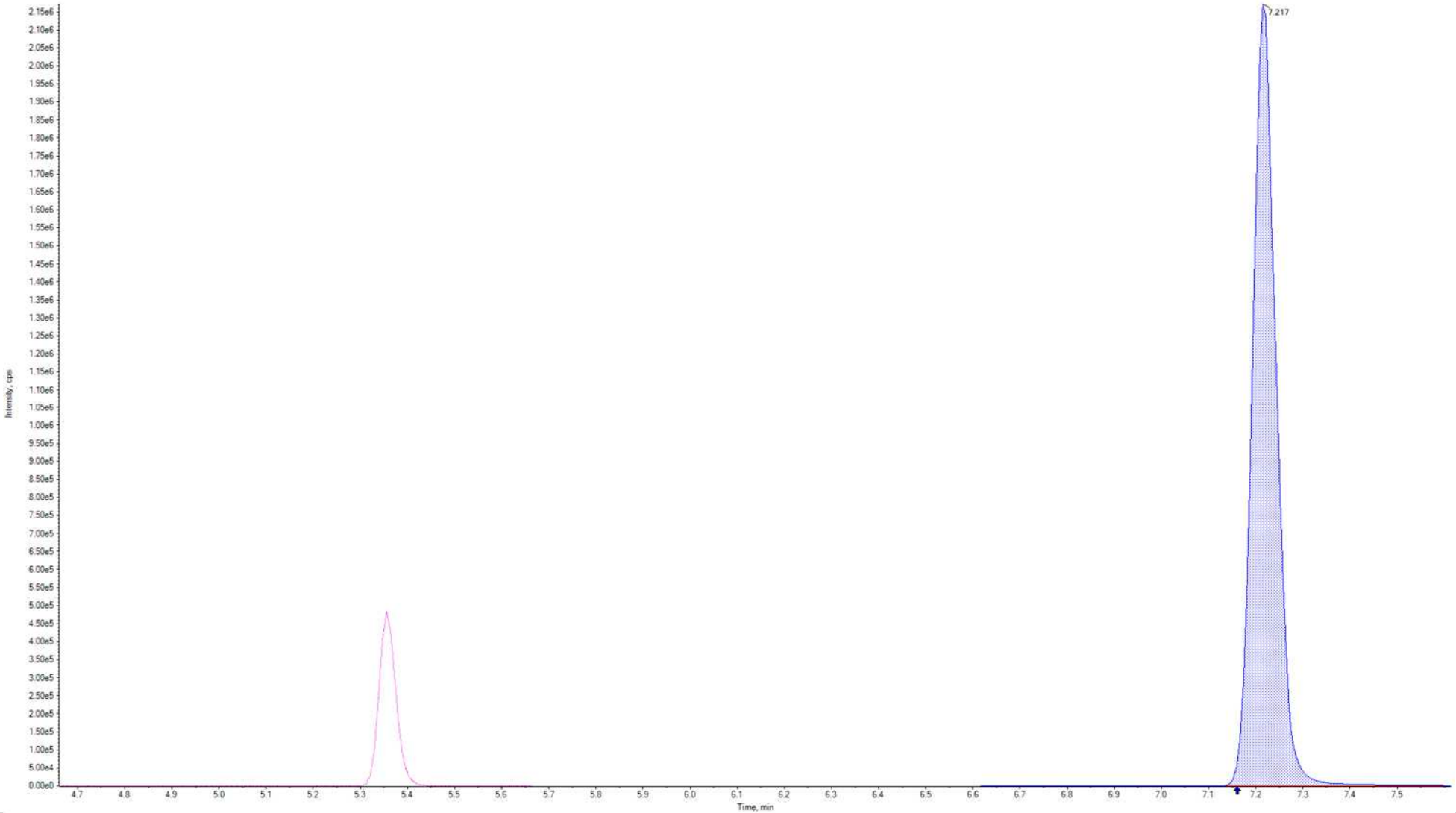
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

3:3FTCA_2
Sample: WG1972379-3,1633MED S/N:6398.5 Points Across peak:22



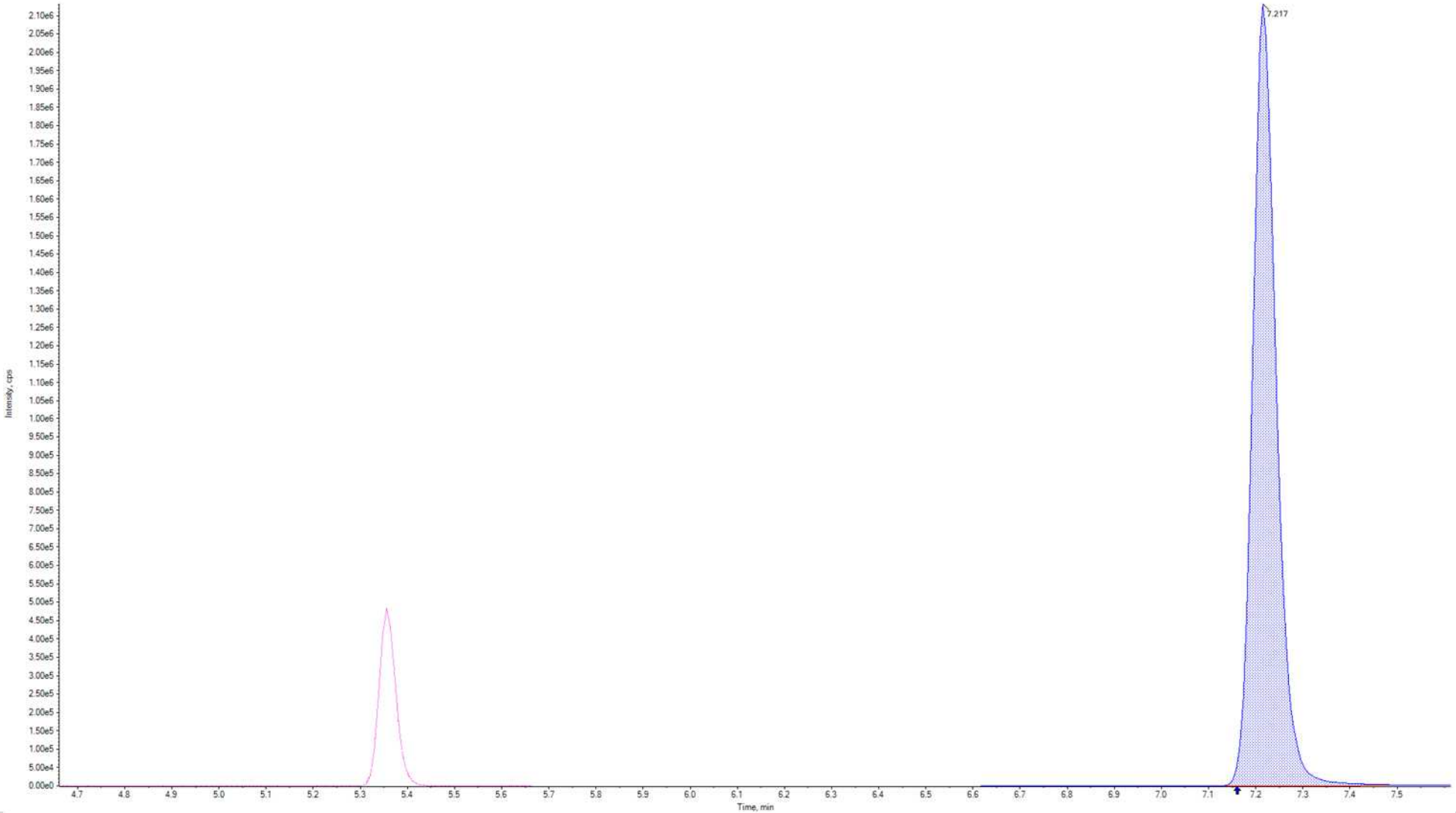
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

5:3FTCA
Sample: WG1972379-3,1633MED S/N:188965.3 Points Across peak:81



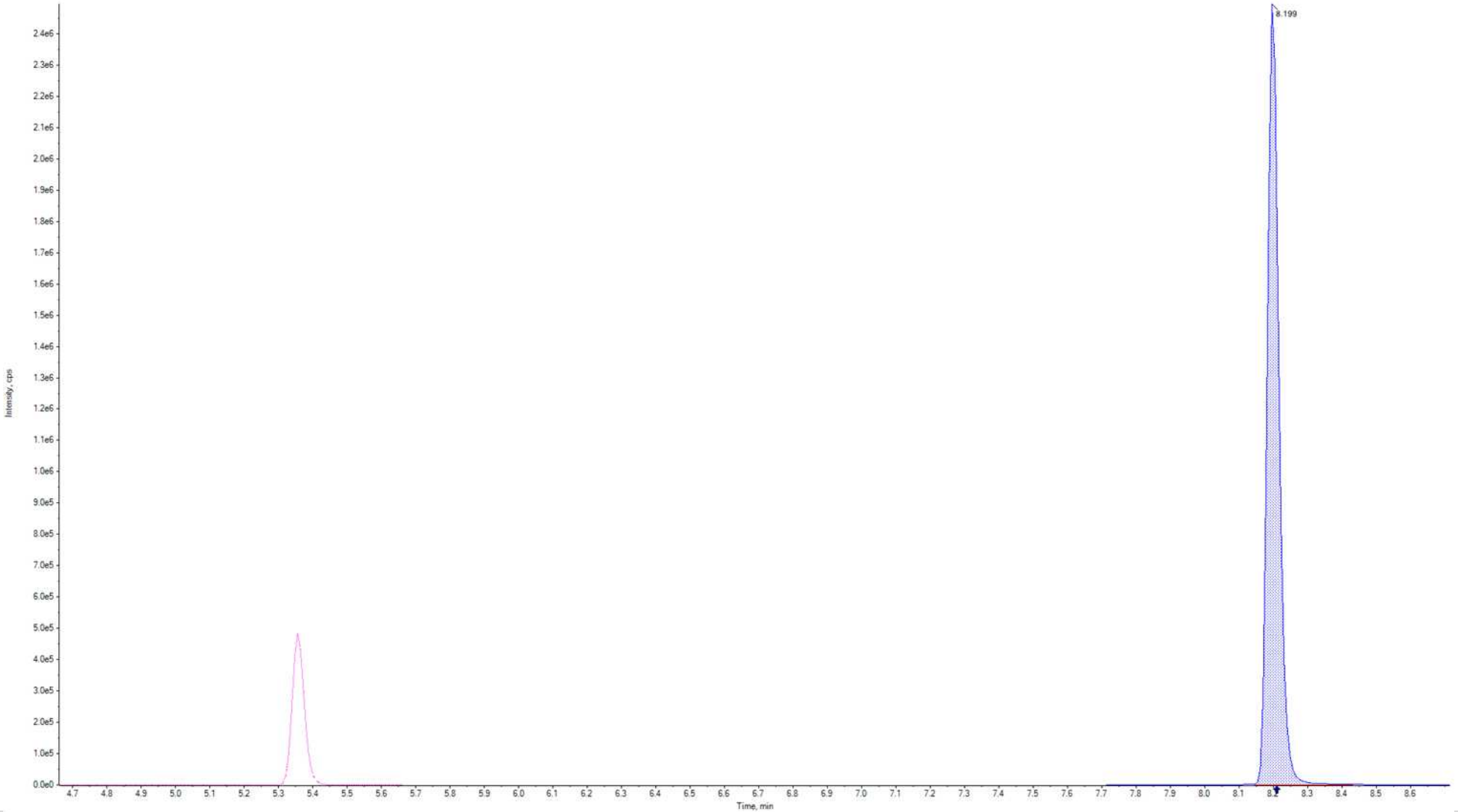
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

5:3FTCA_2
Sample: WG1972379-3,1633MED S/N:22241.1 Points Across peak:68



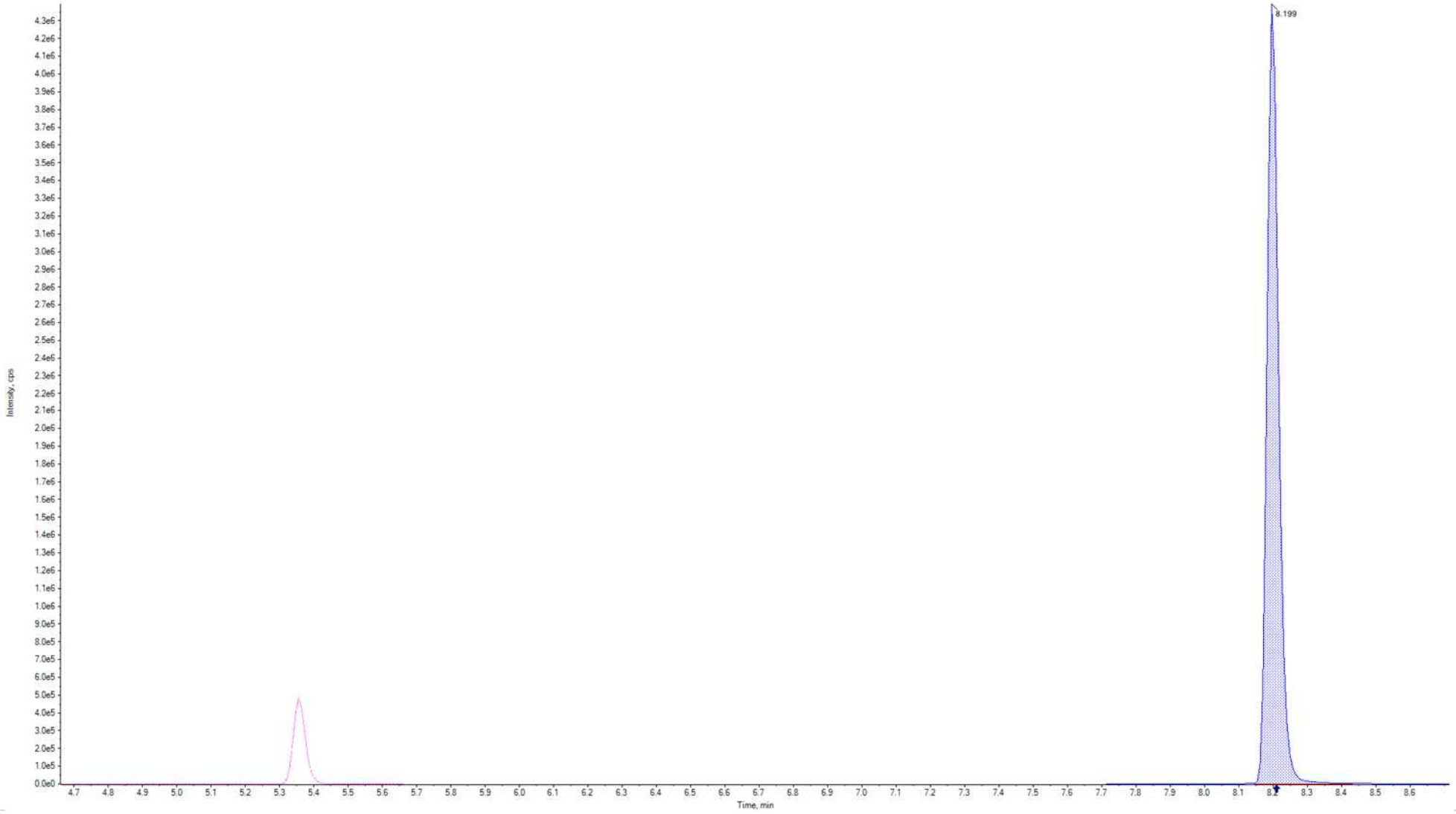
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

7:3FTCA
Sample: WG1972379-3,1633MED S/N:36176904.8 Points Across peak:34



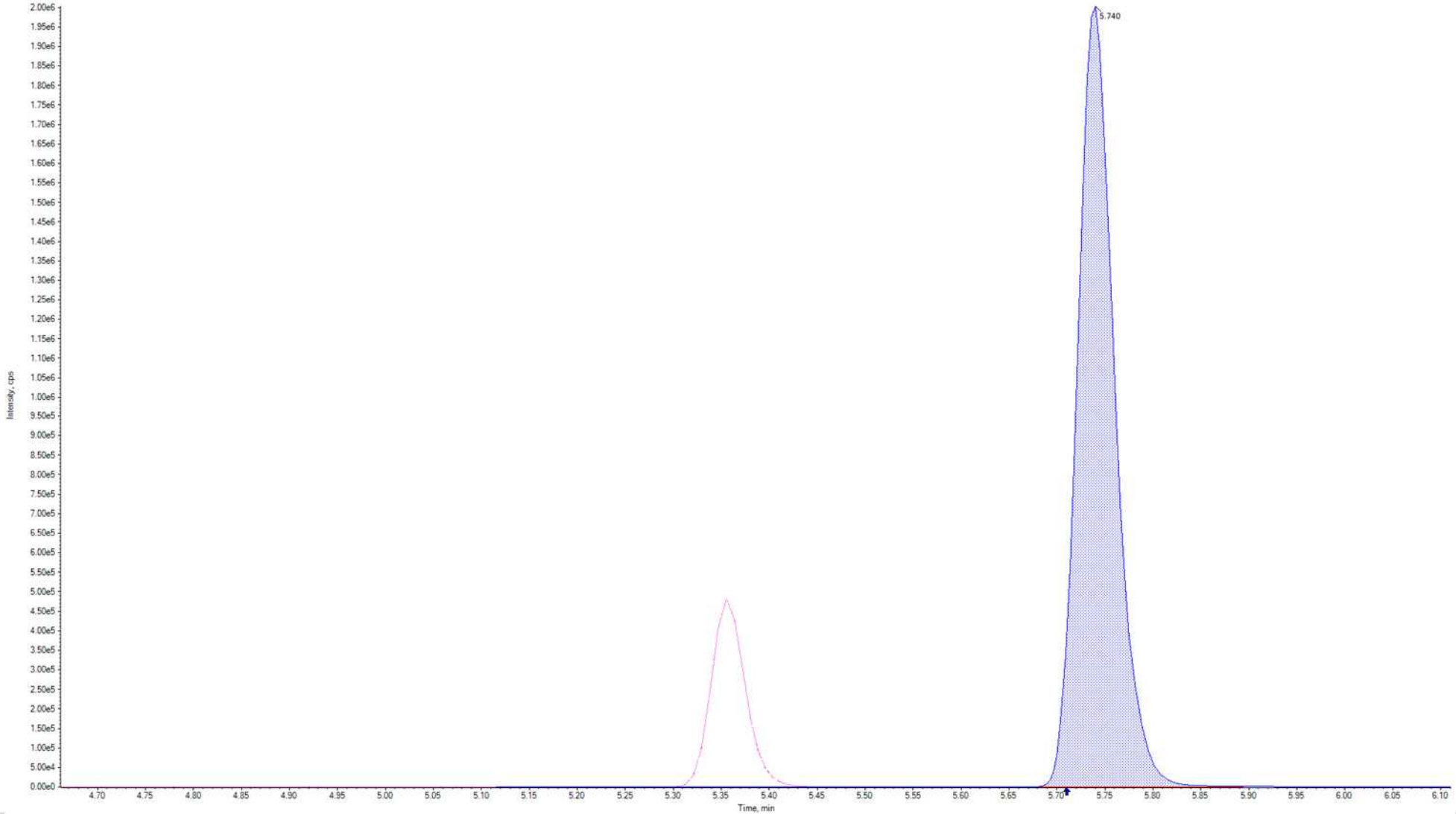
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

7:3FTCA_2
Sample: WG1972379-3,1633MED S/N:43672.4 Points Across peak:34



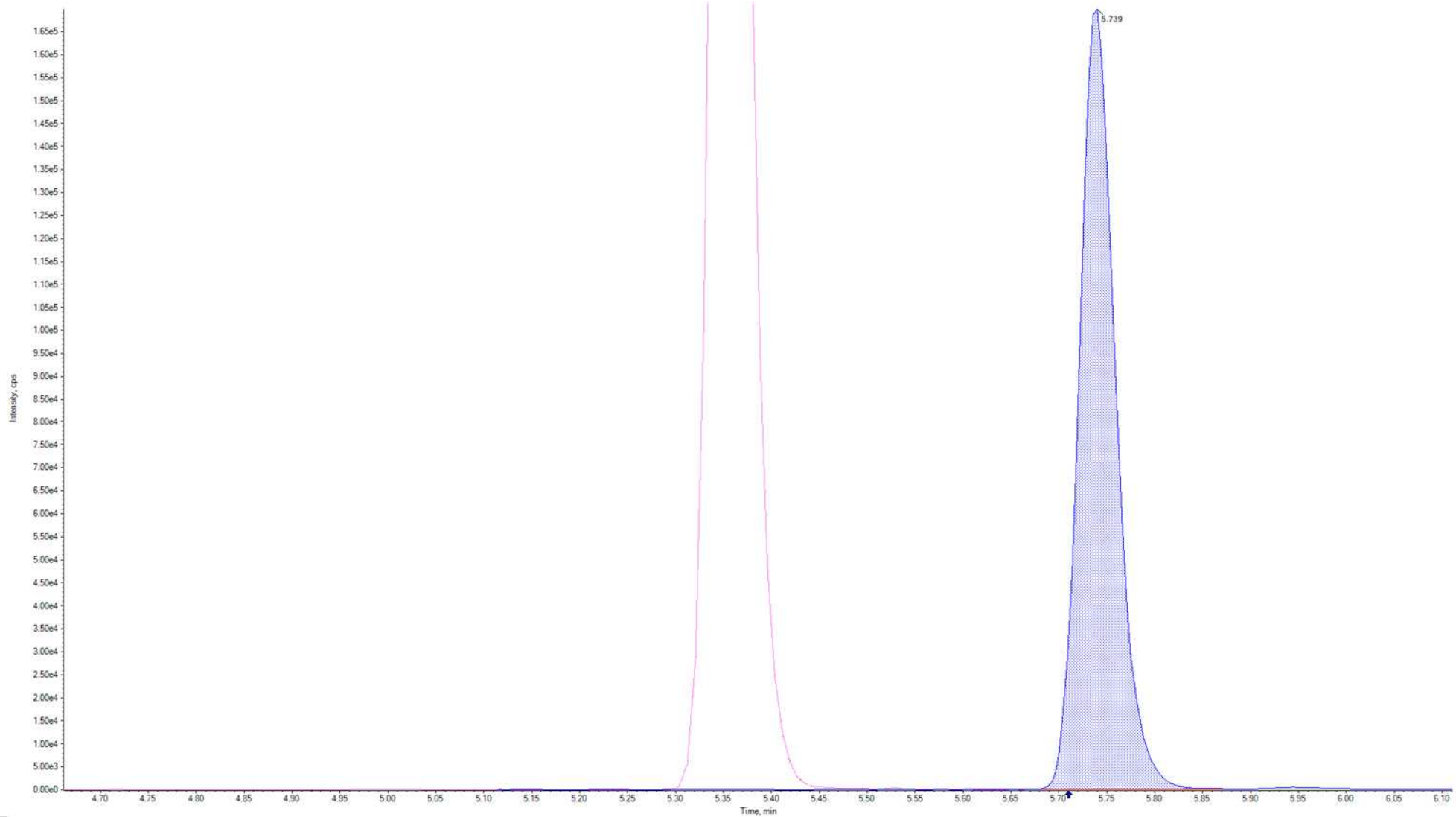
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFEESA
Sample: WG1972379-3,1633MED S/N:13382.0 Points Across peak:45



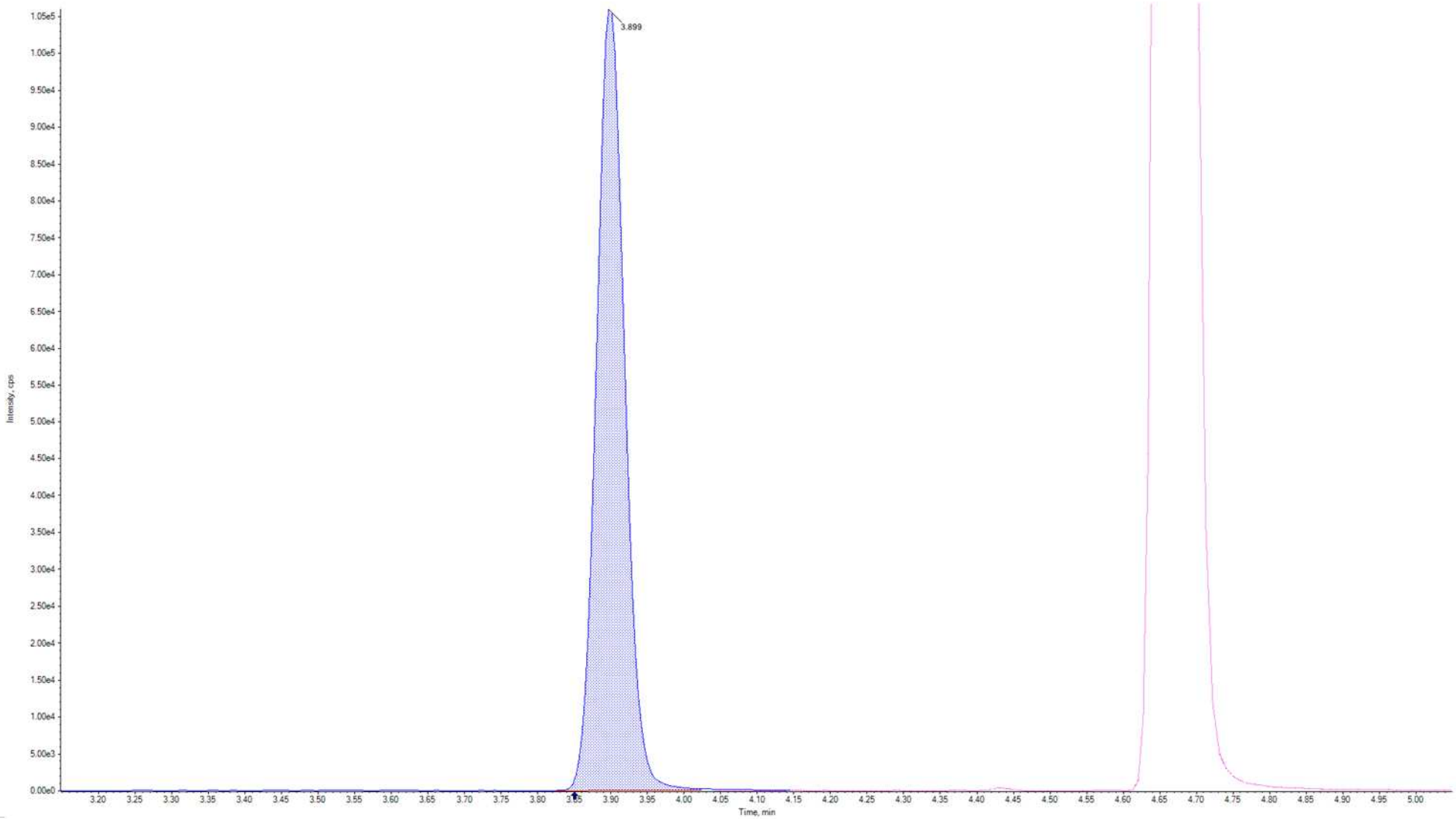
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFEESA_2
Sample: WG1972379-3,1633MED S/N:4172.3 Points Across peak:42



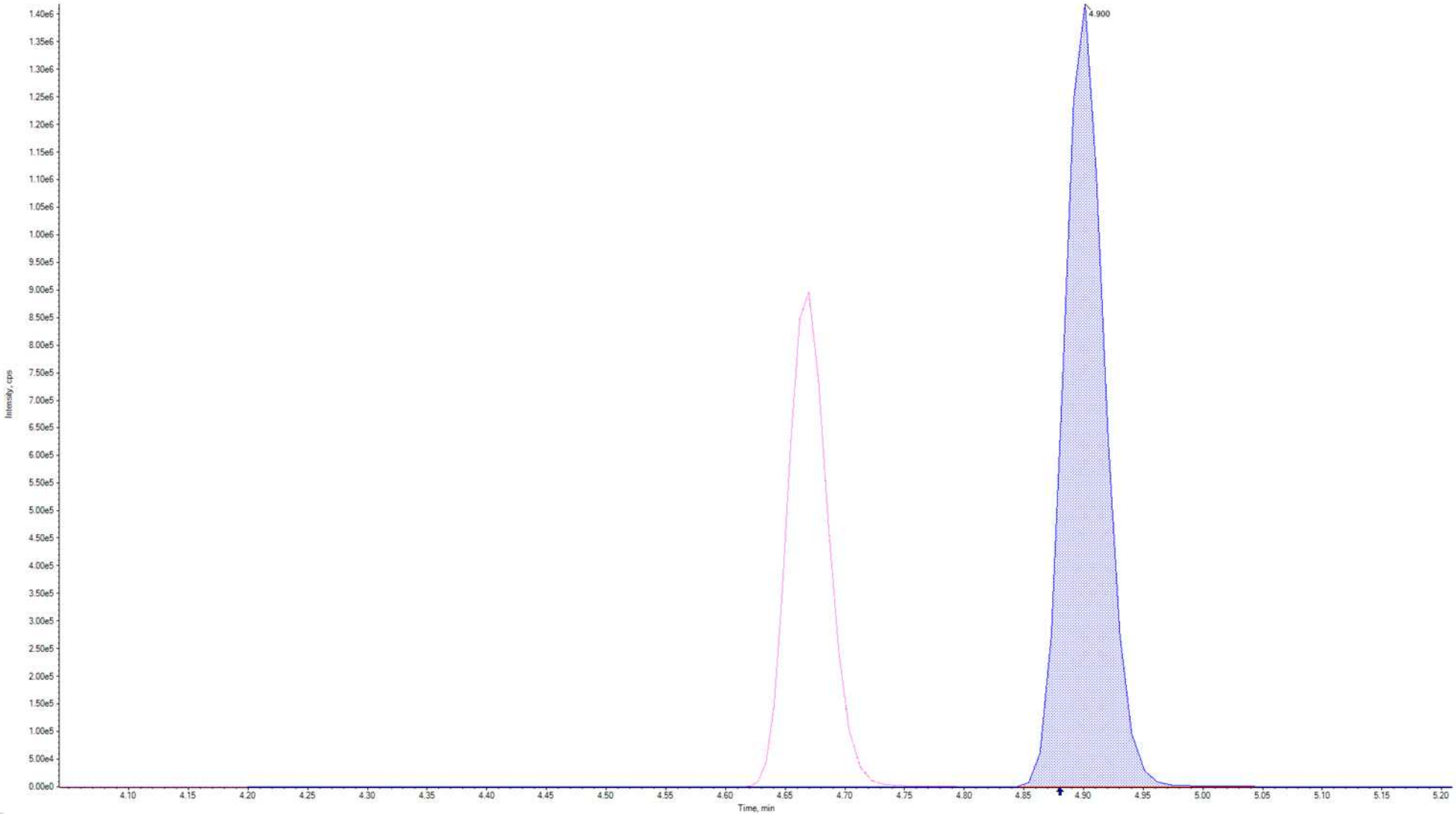
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFMPA
Sample: WG1972379-3,1633MED S/N:5659.3 Points Across peak:57



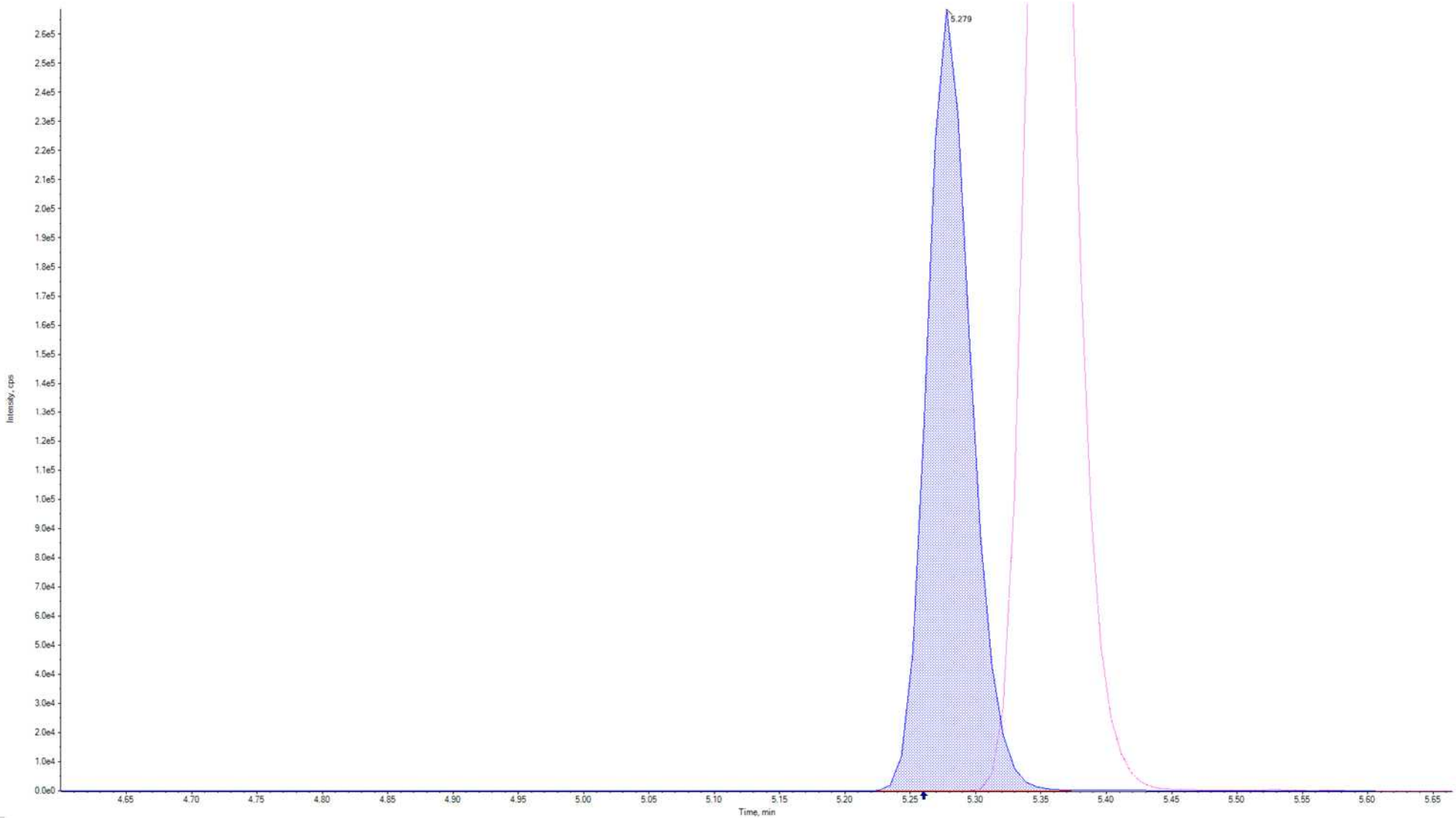
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

PFMBA
Sample: WG1972379-3,1633MED S/N:20265.1 Points Across peak:32



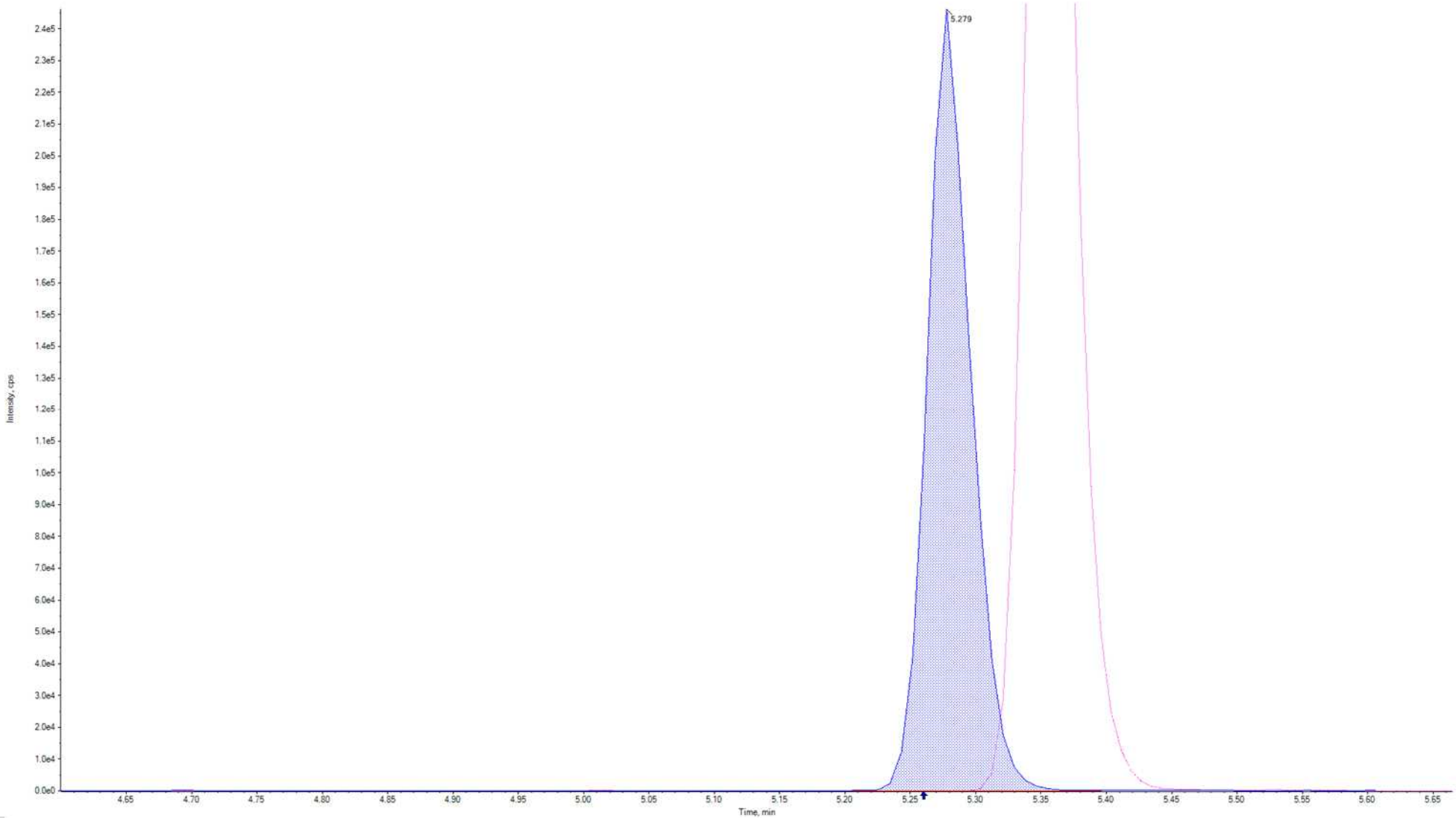
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NFDHA
Sample: WG1972379-3,1633MED S/N:4997.7 Points Across peak:21



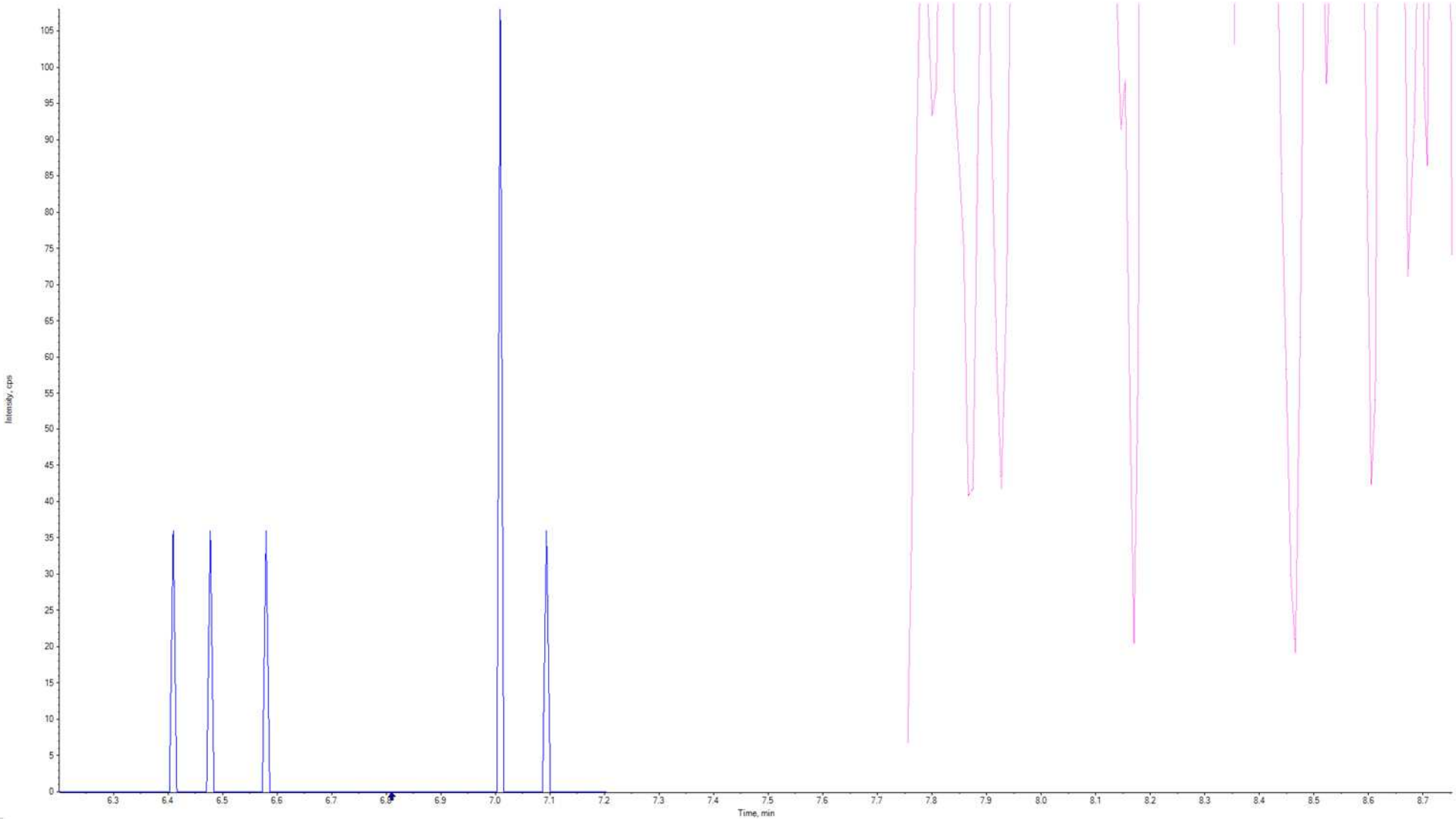
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

NFDHA_2
Sample: WG1972379-3,1633MED S/N:7651.5 Points Across peak:27



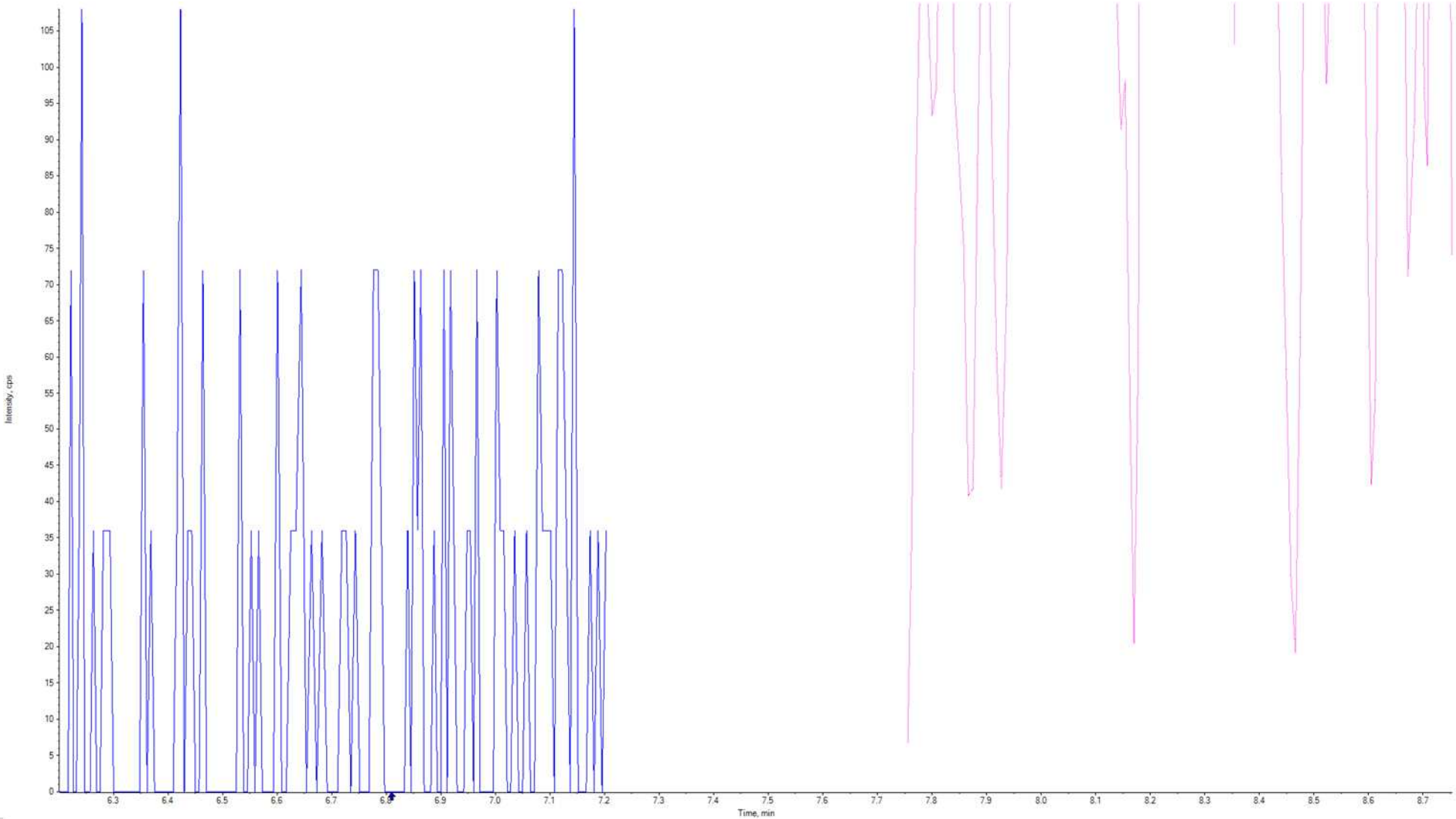
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

TDCA
Sample: WG1972379-3,1633MED S/N:N/A Points Across peak:N/A



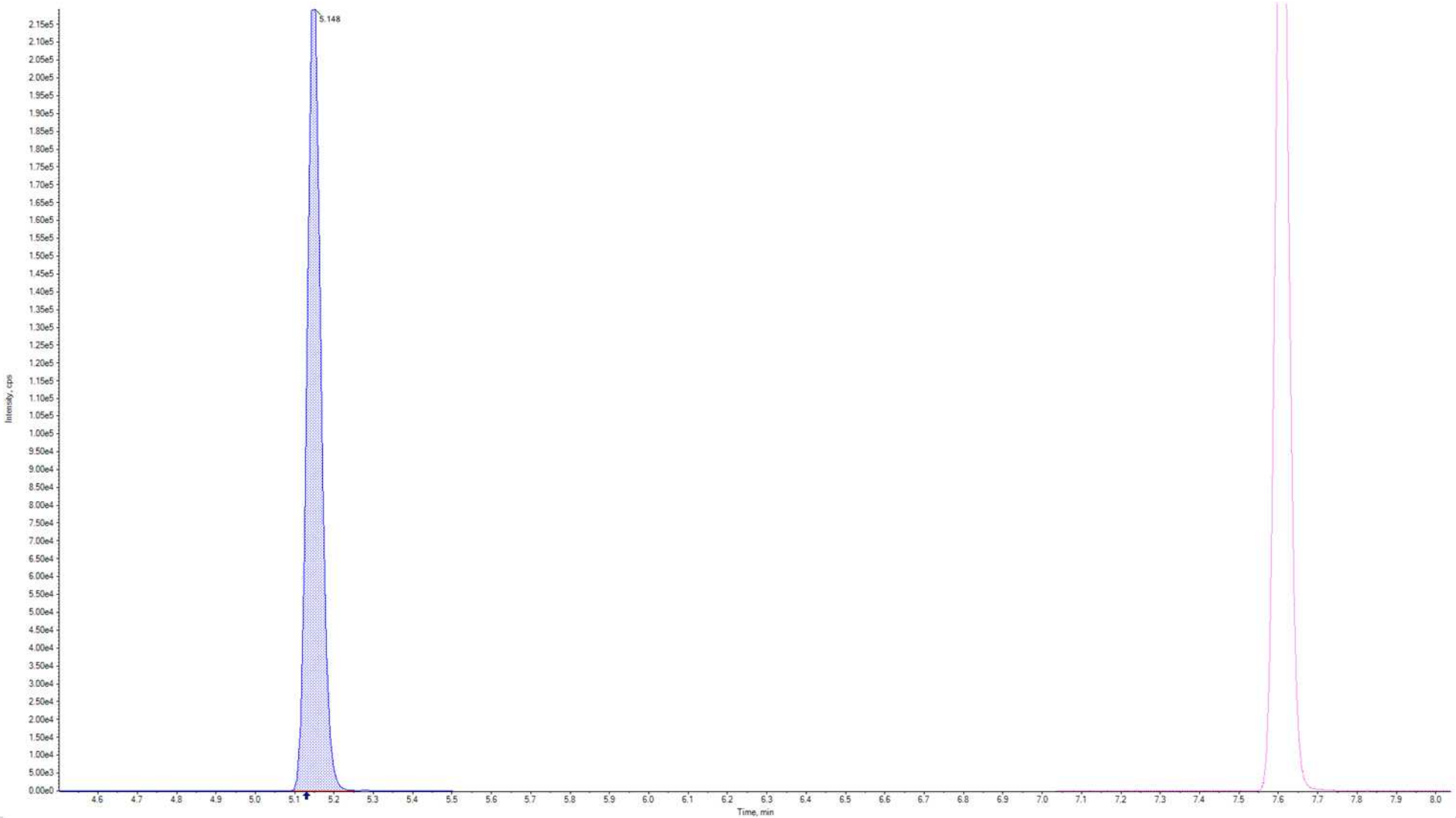
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

TDCA_2
Sample: WG1972379-3,1633MED S/N:N/A Points Across peak:N/A



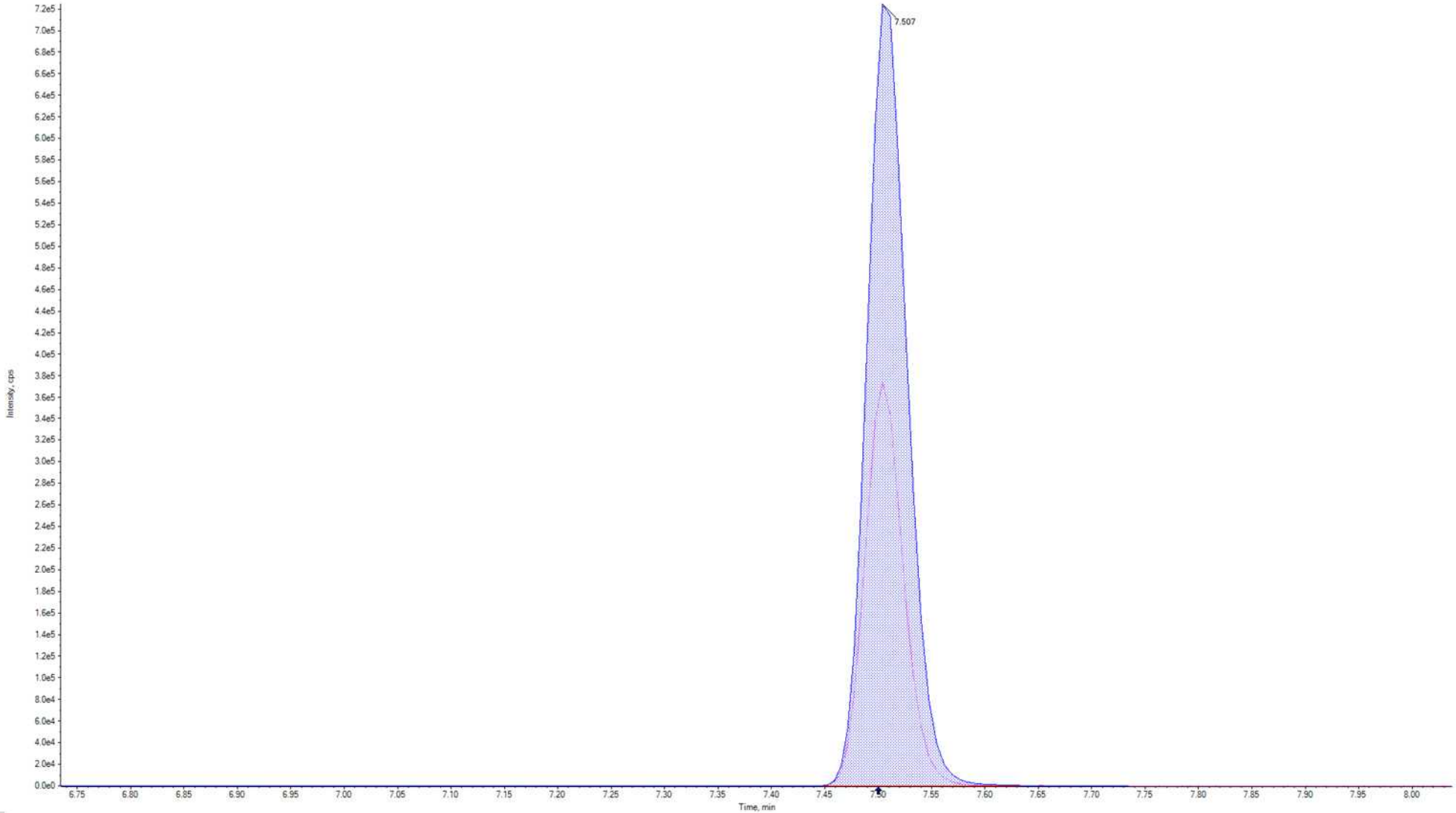
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C2D4-4:2FTS
Sample: WG1972379-3,1633MED S/N:969809.6 Points Across peak:24

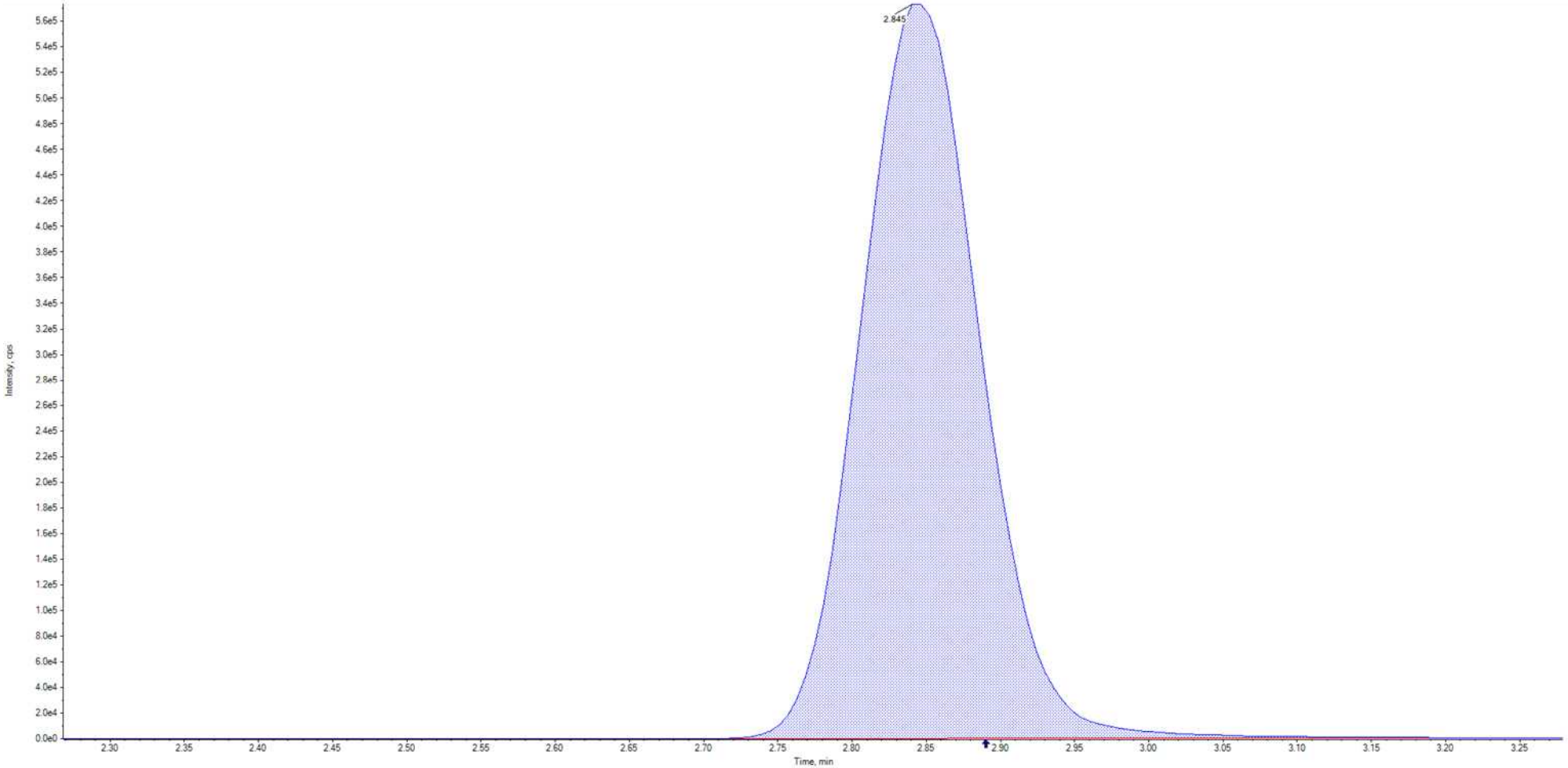


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C2-PFOA
Sample: WG1972379-3,1633MED S/N:9841.1 Points Across peak:36

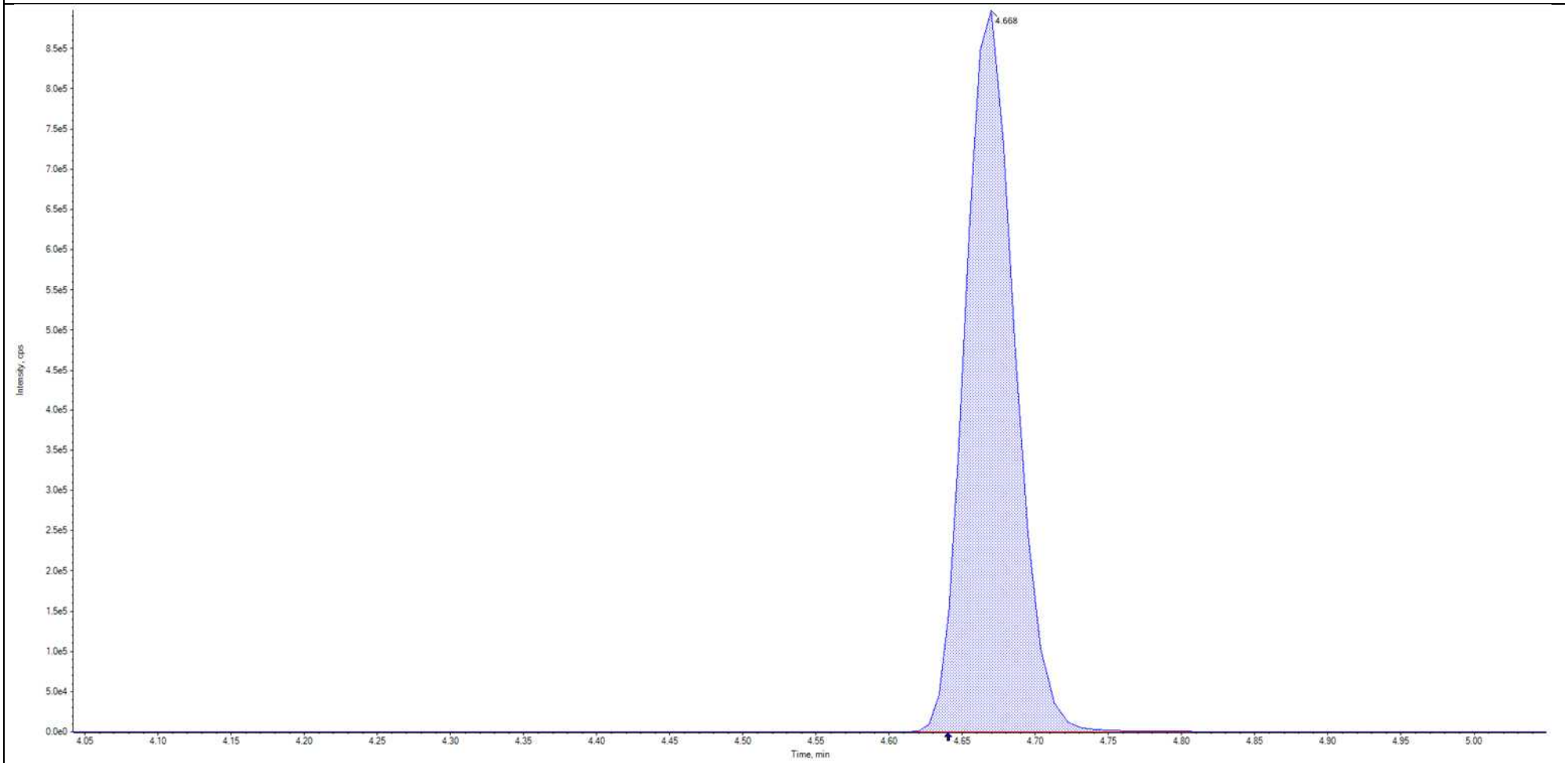


13C4-PFBA
Sample: WG1972379-3,1633MED

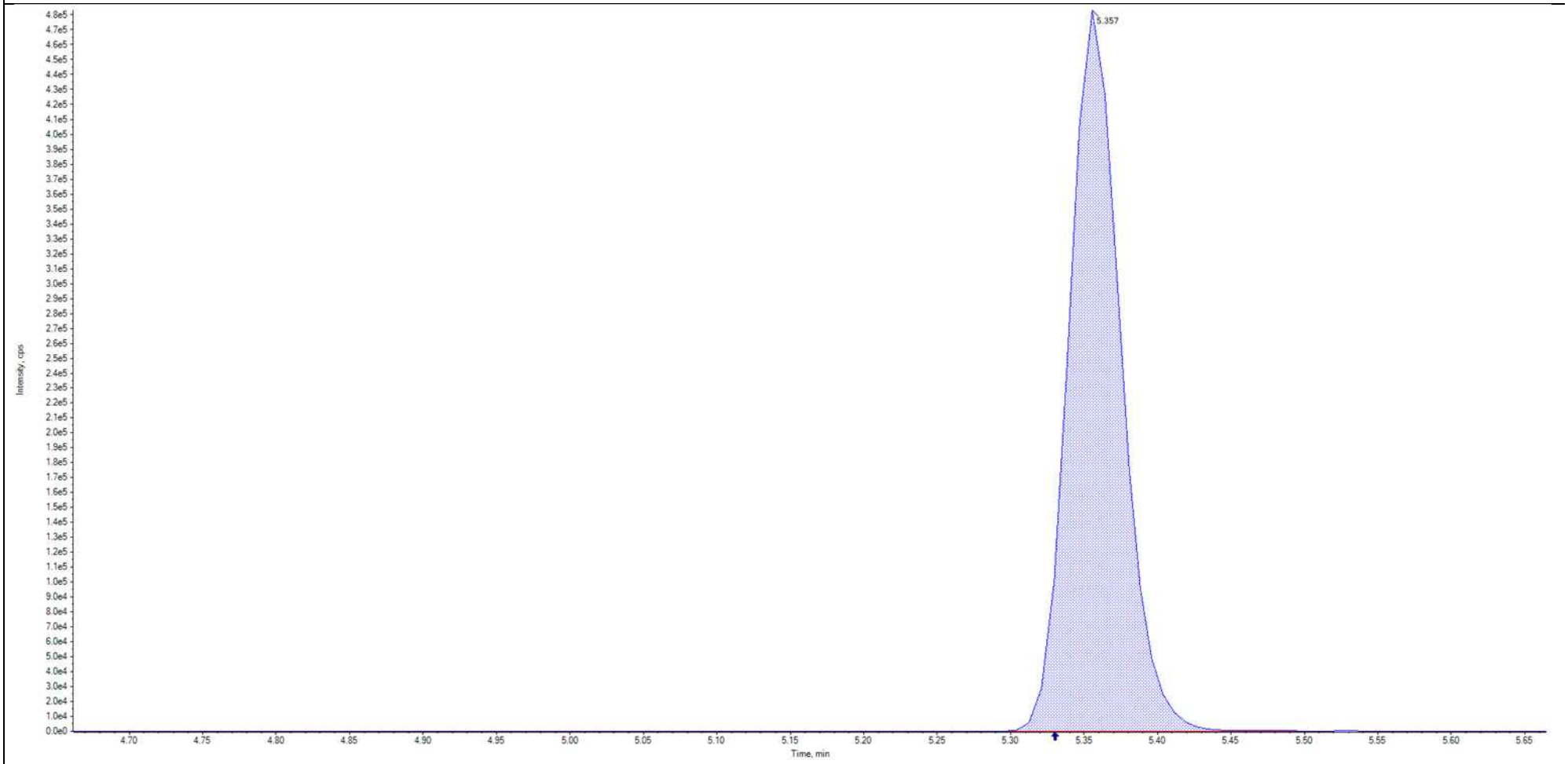


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 9/17/2024 6:15:27 AM

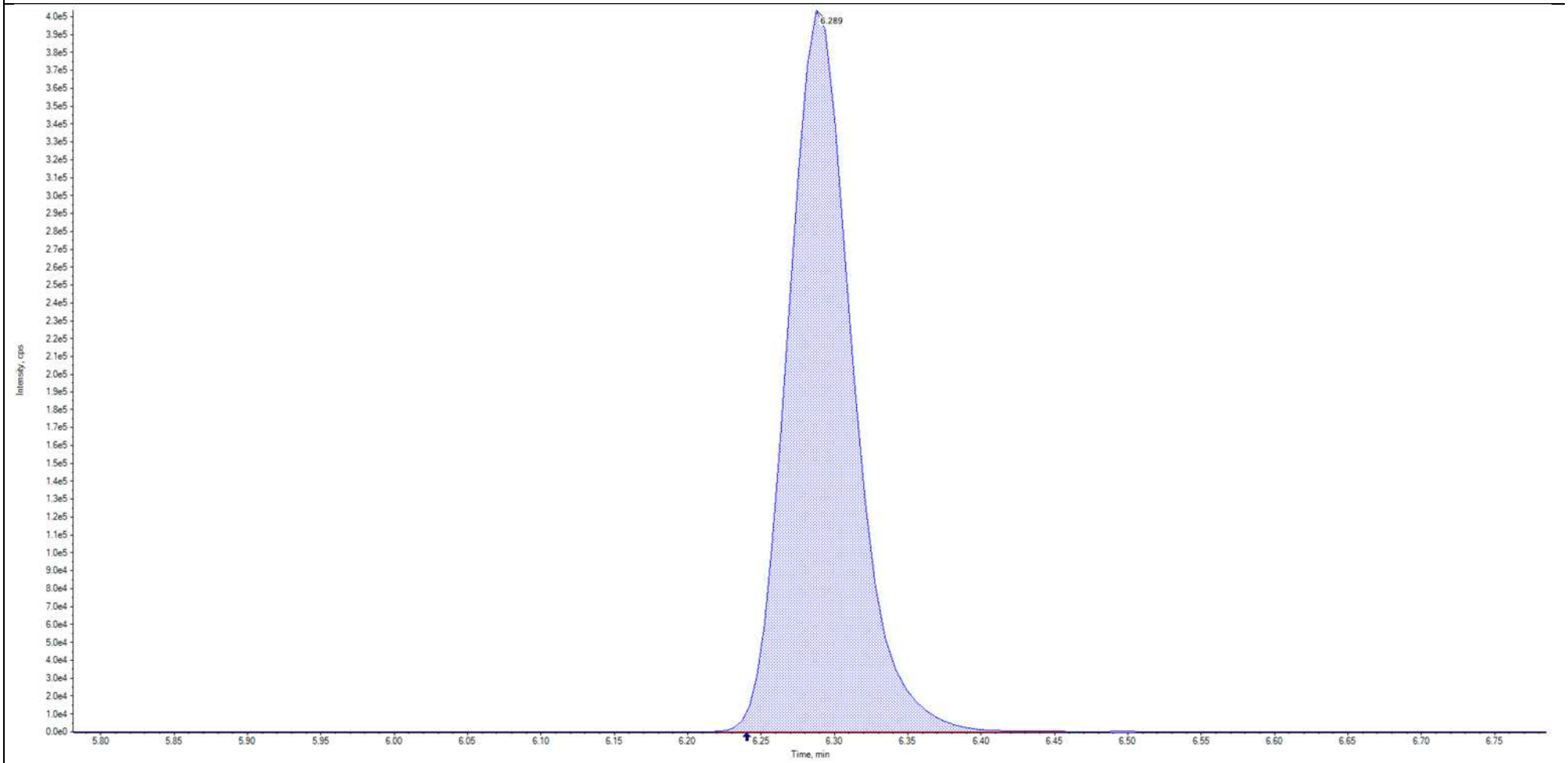
13C5-PFPeA
Sample: WG1972379-3,1633MED



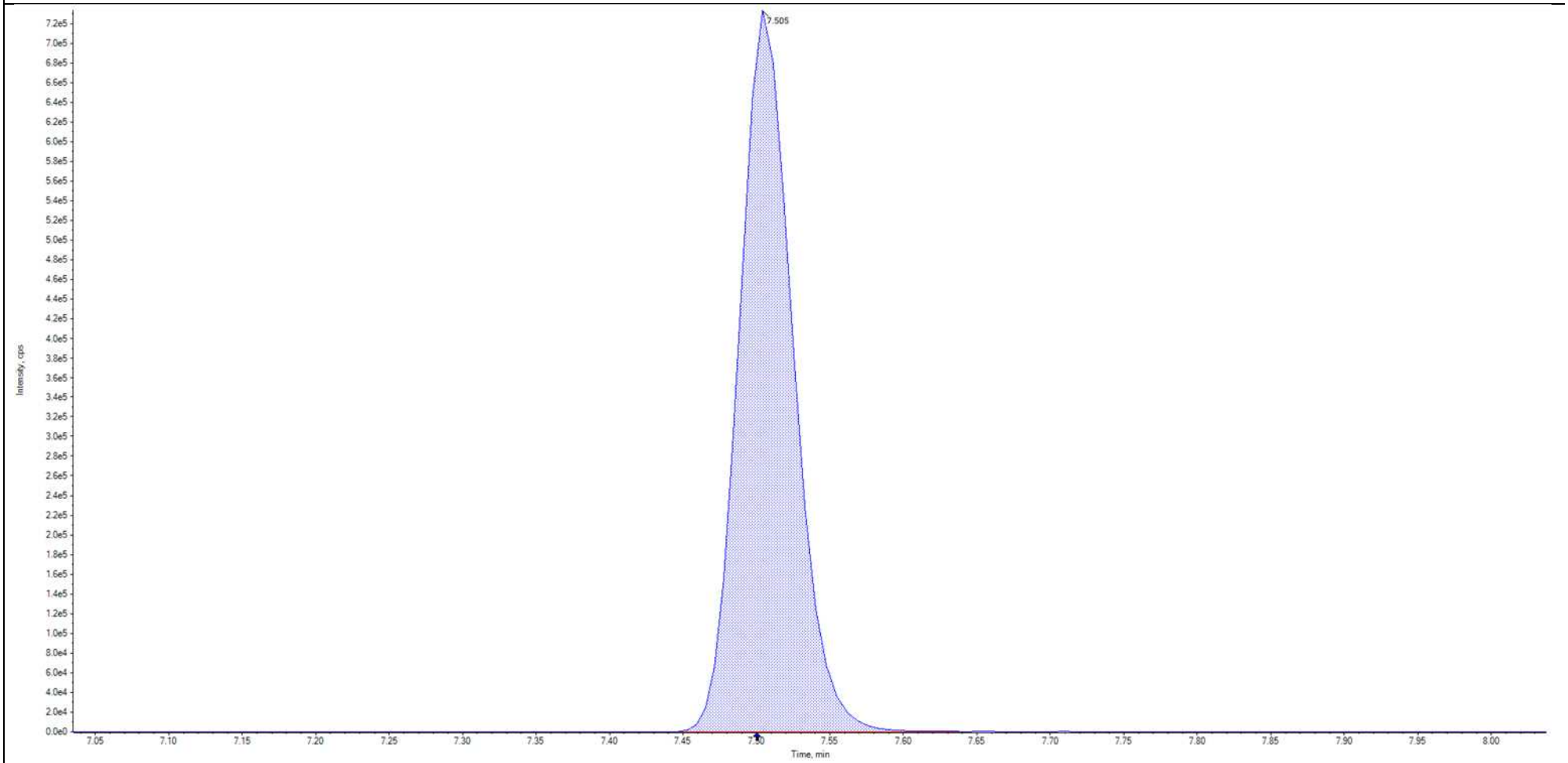
13C5-PFHxA
Sample: WG1972379-3,1633MED



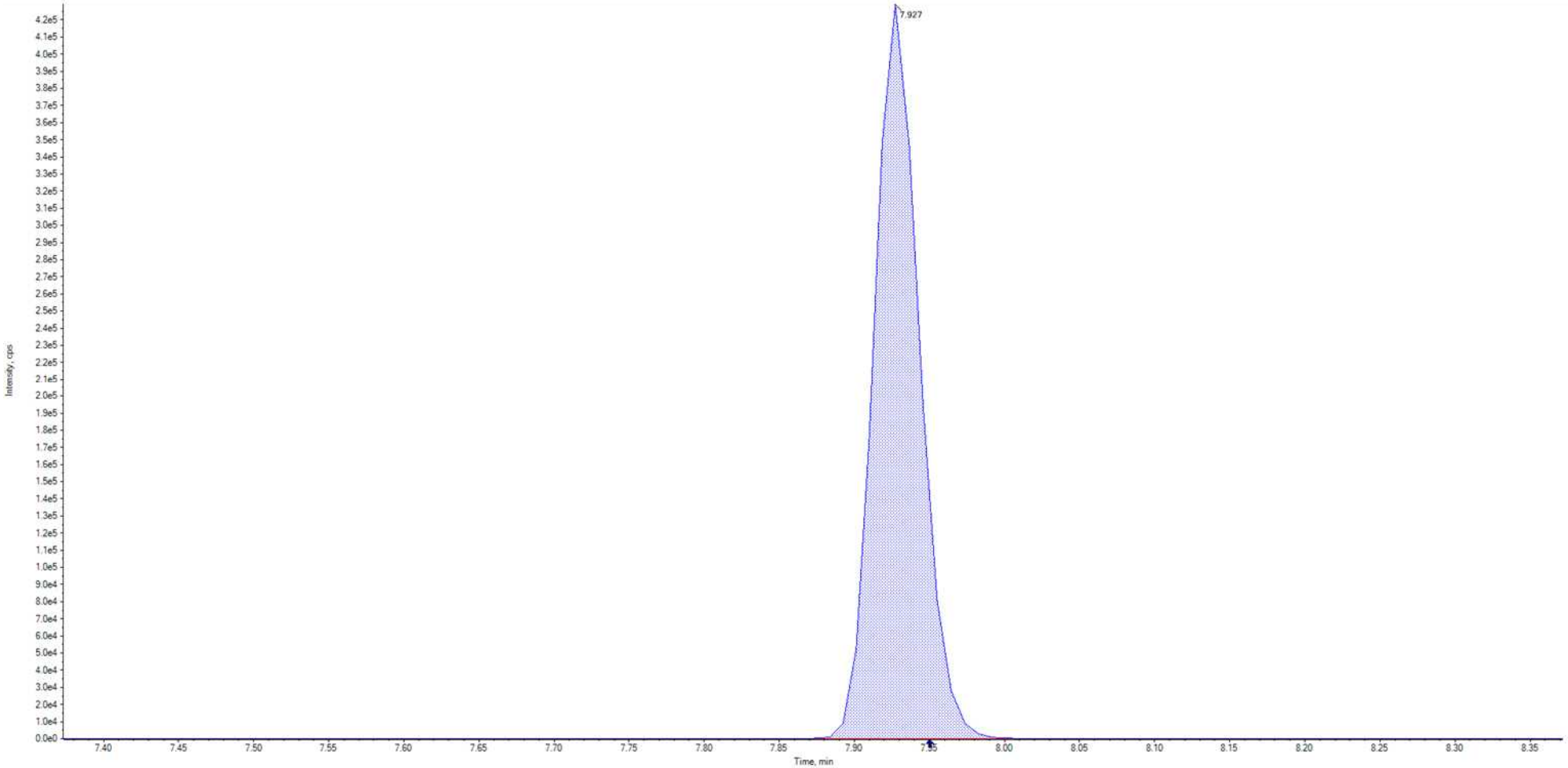
13C4-PFHpA
Sample: WG1972379-3,1633MED



13C8-PFOA
Sample: WG1972379-3,1633MED

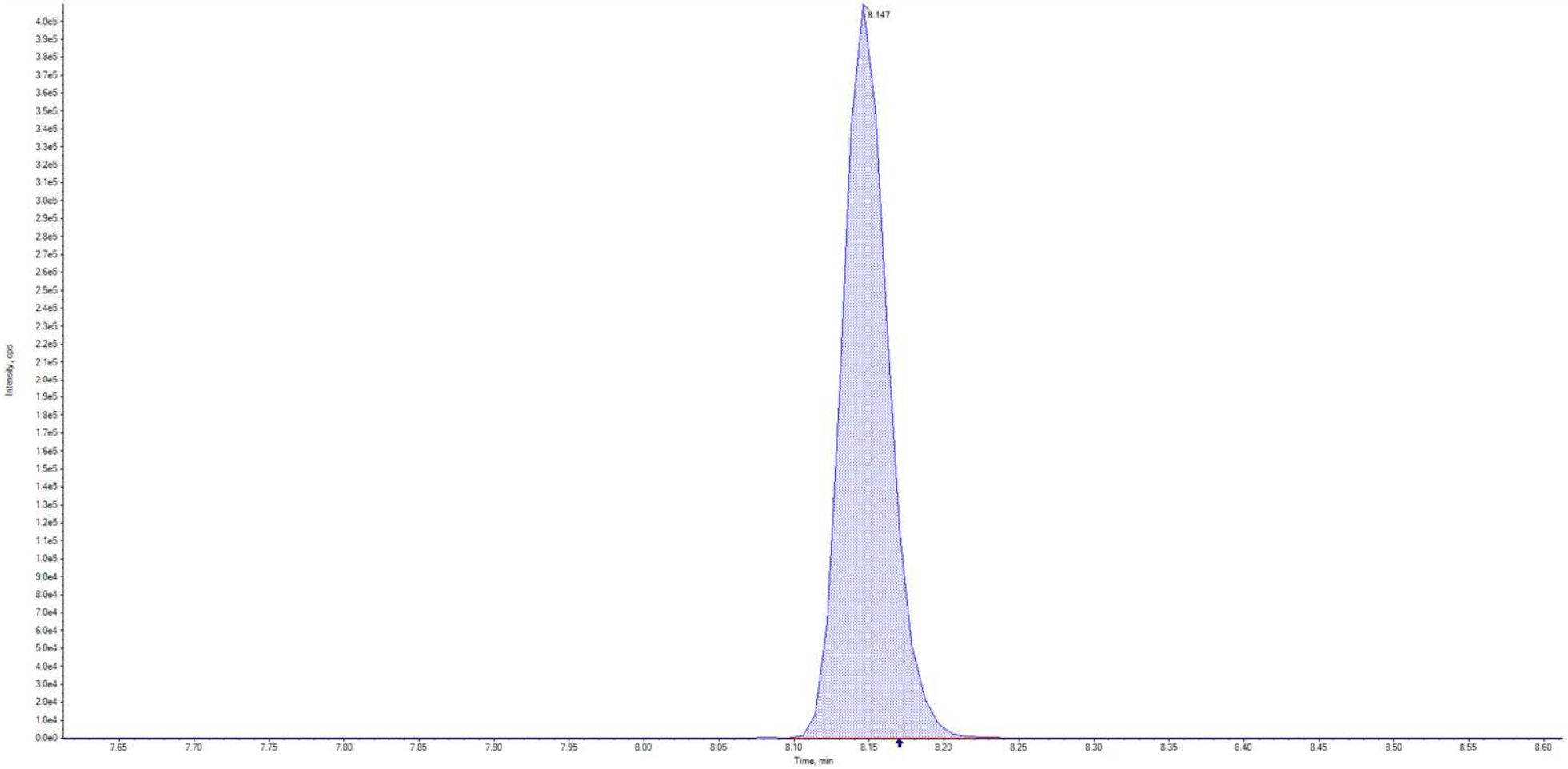


13C9-PFNA
Sample: WG1972379-3,1633MED

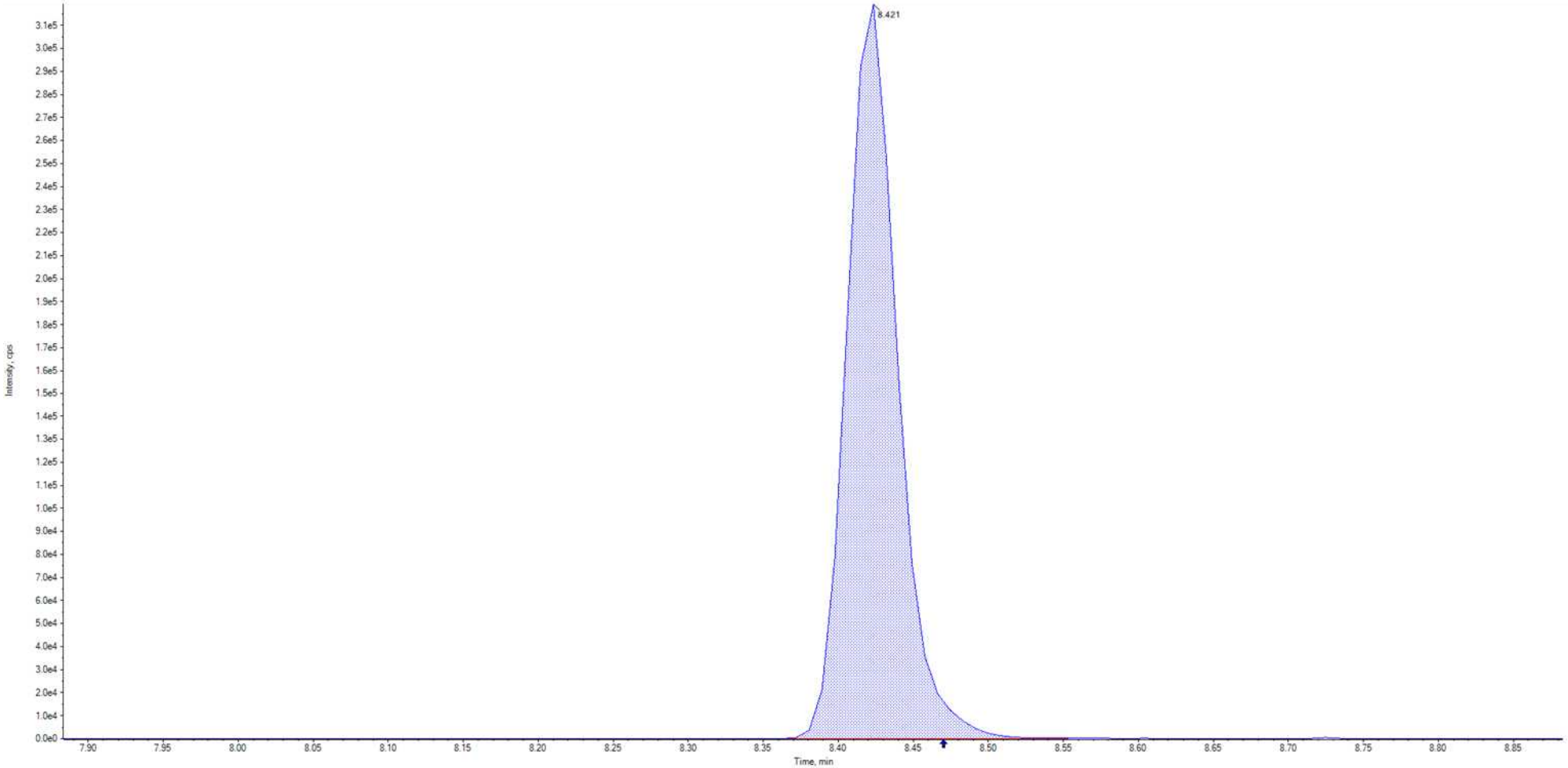


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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Generated: 9/17/2024 6:15:27 AM

13C6-PFDA
Sample: WG1972379-3,1633MED

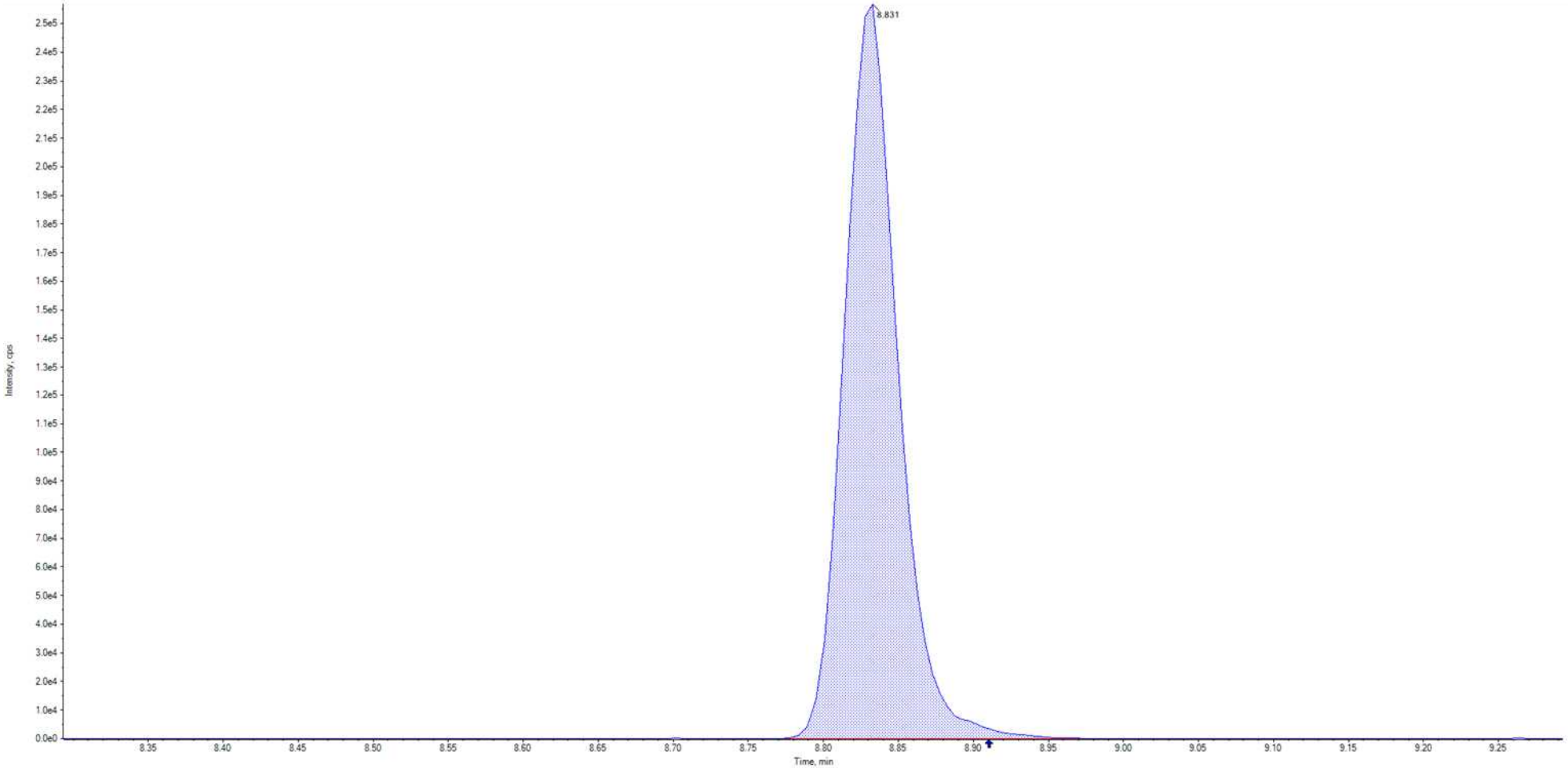


13C7-PFUnA
Sample: WG1972379-3,1633MED



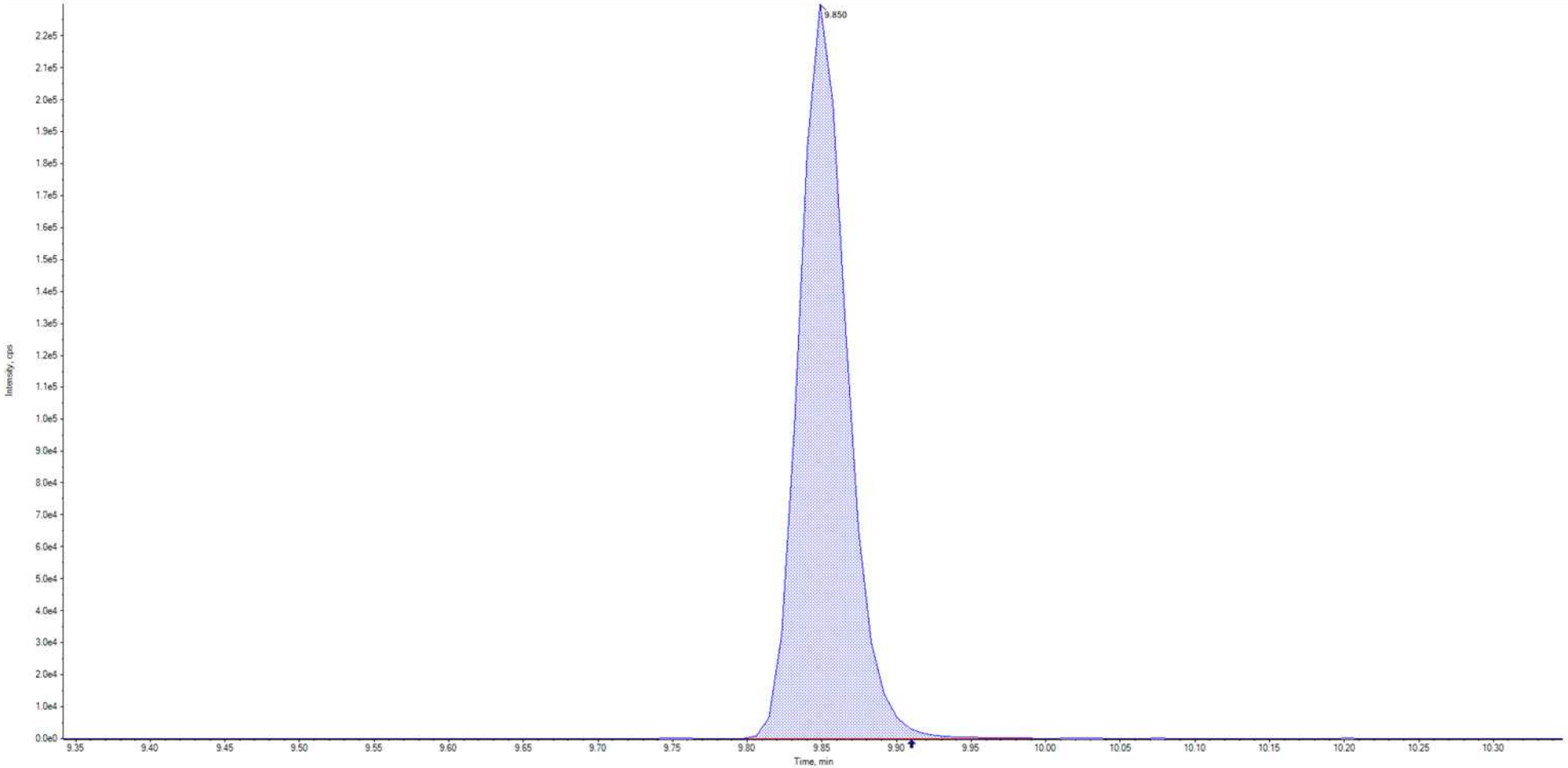
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C2-PFDoA
Sample: WG1972379-3,1633MED

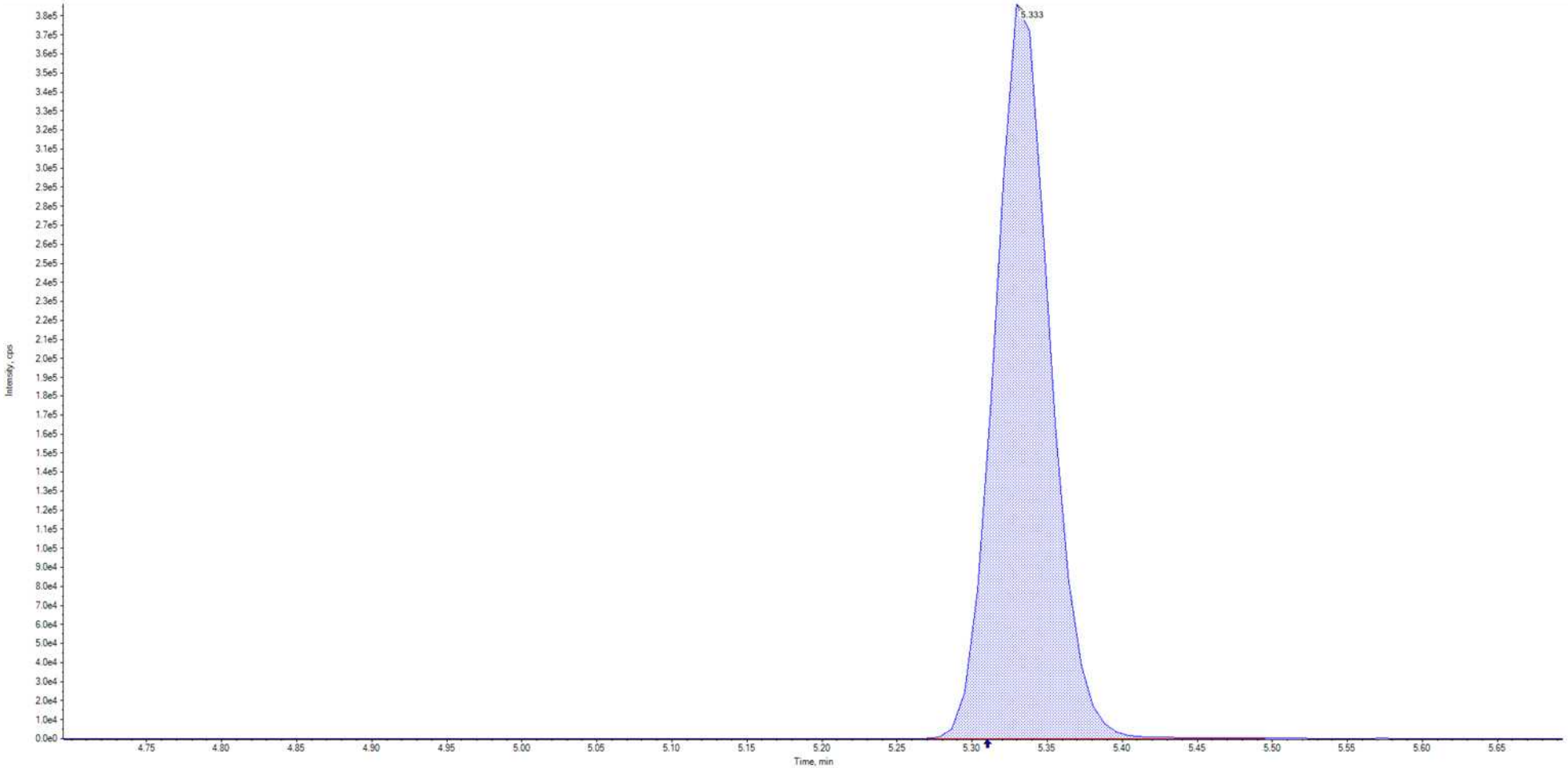


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
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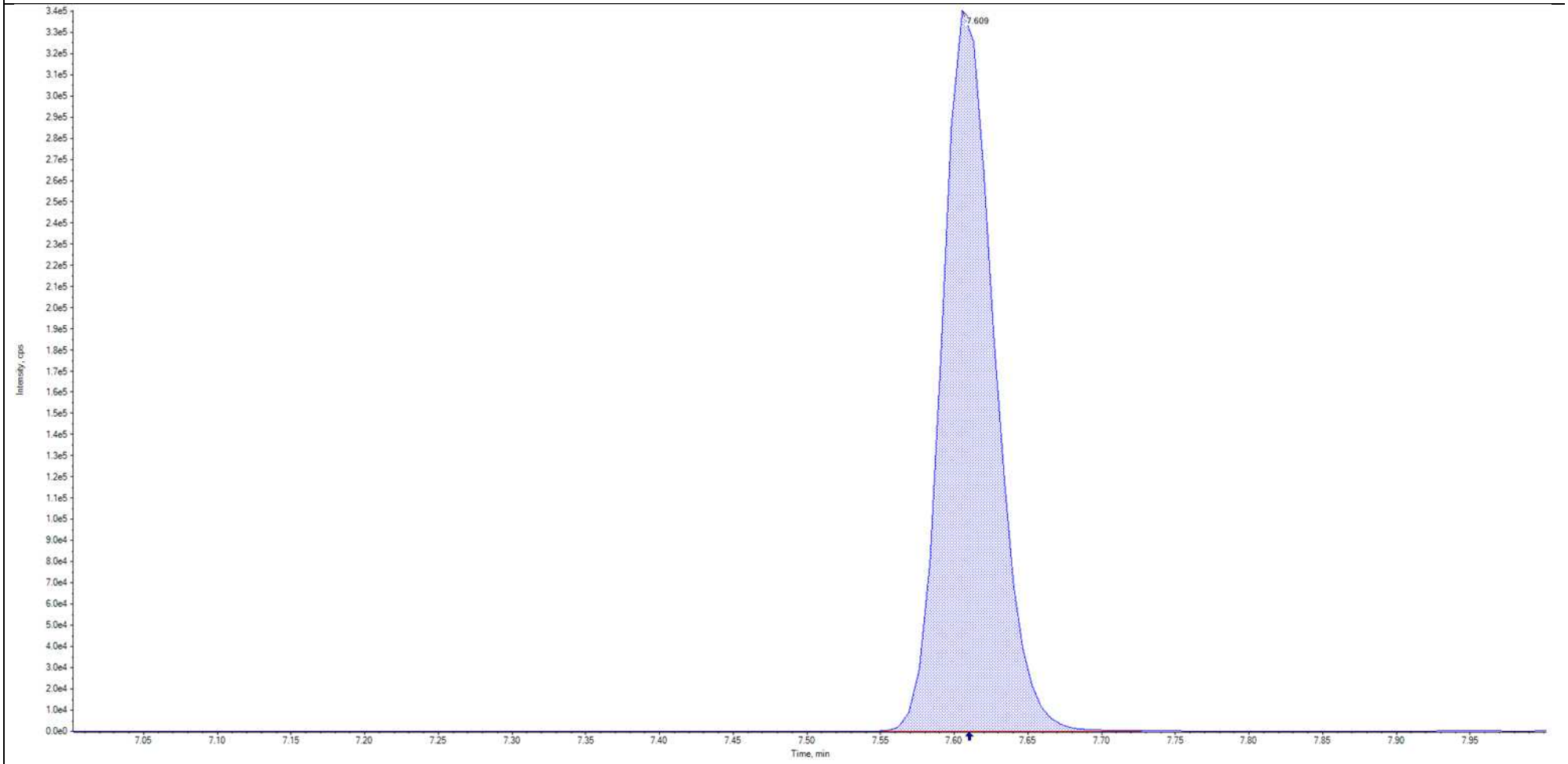
13C2-PFTeDA
Sample: WG1972379-3,1633MED



13C3-PFBS
Sample: WG1972379-3,1633MED

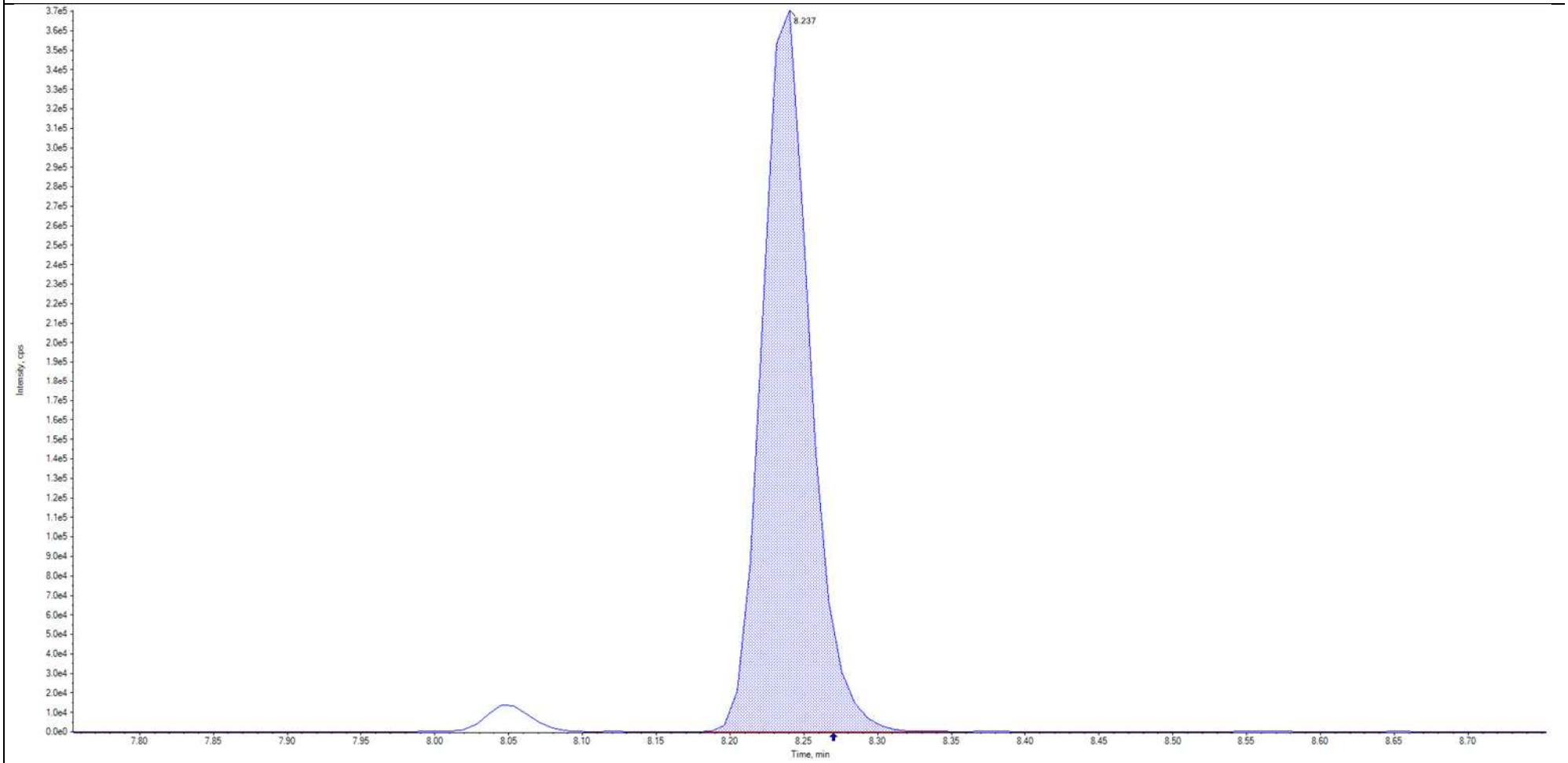


13C3-PFHxS
Sample: WG1972379-3,1633MED



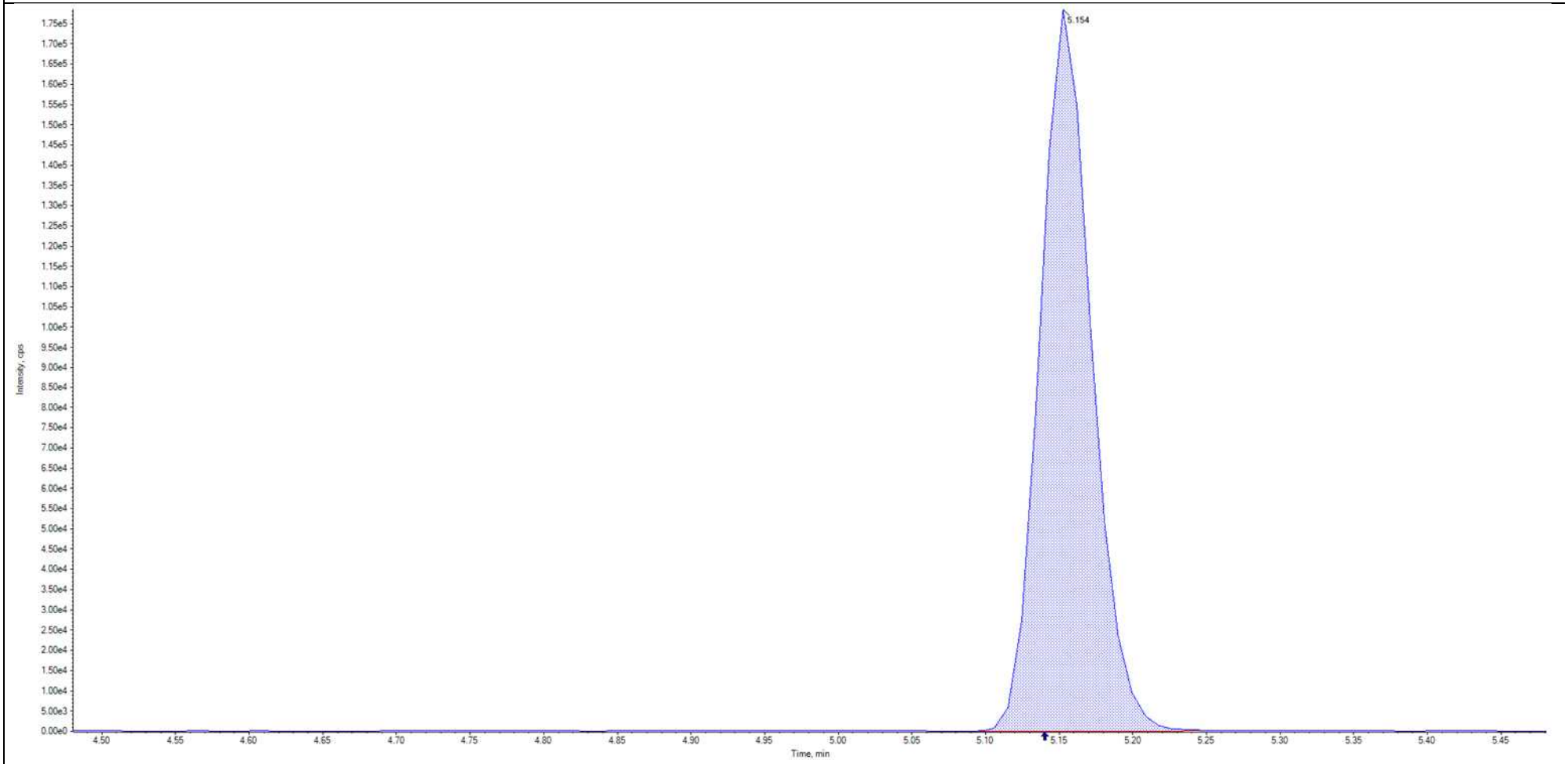
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C8-PFOS
Sample: WG1972379-3,1633MED



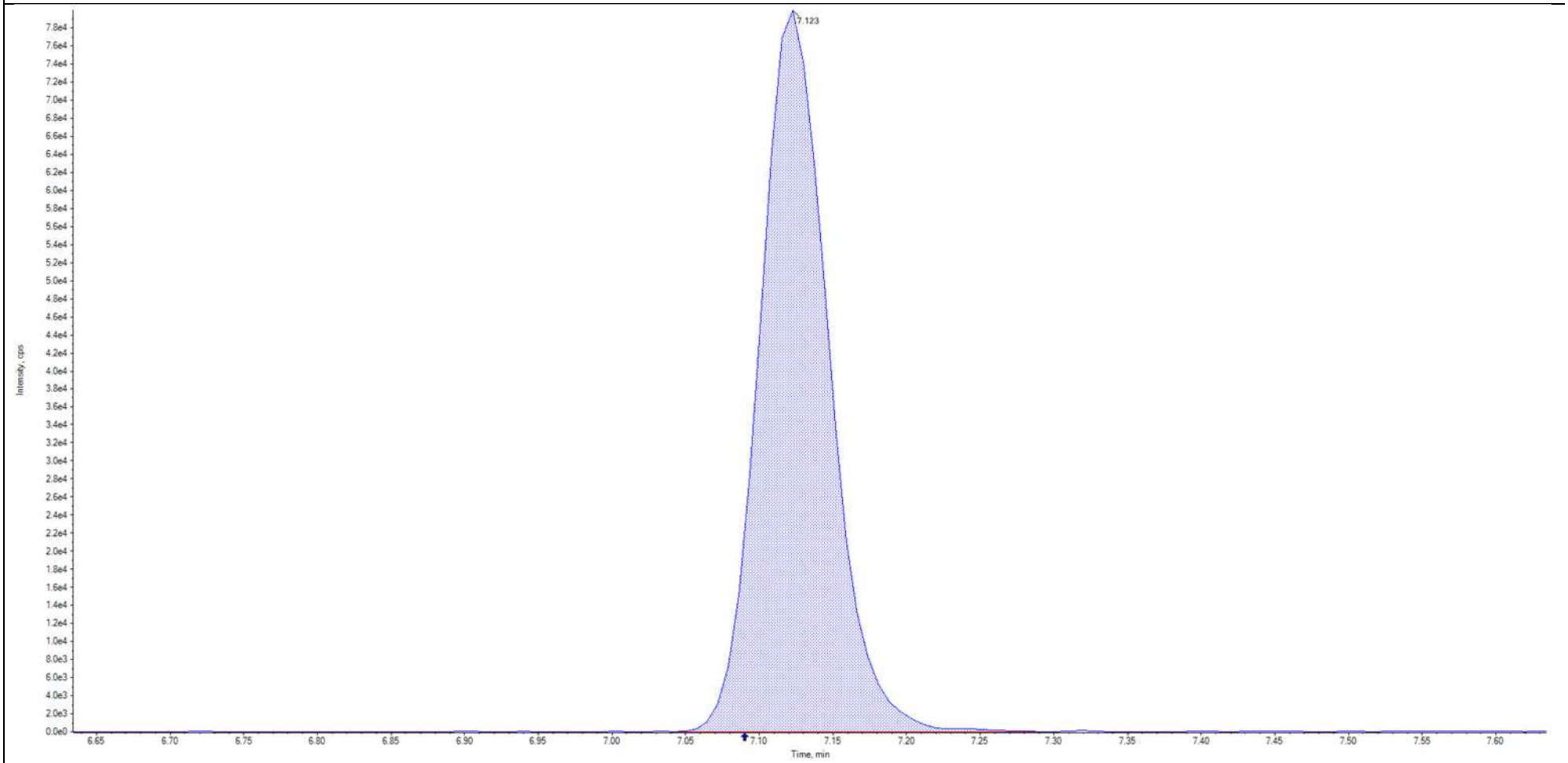
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C2-4:2FTS
Sample: WG1972379-3,1633MED



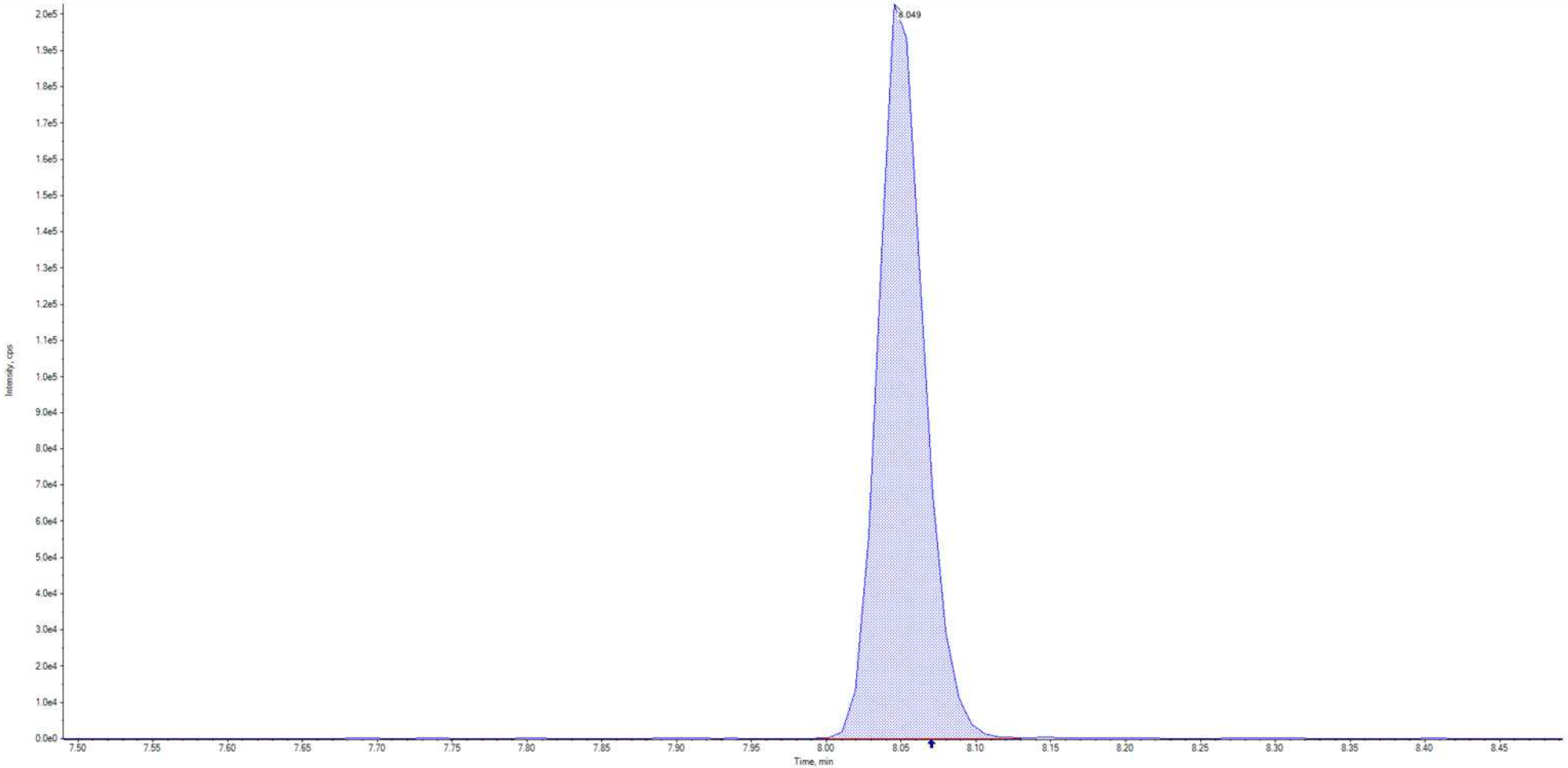
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Alpha Analytical Inc.
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Generated: 9/17/2024 6:15:27 AM

13C2-6:2FTS
Sample: WG1972379-3,1633MED



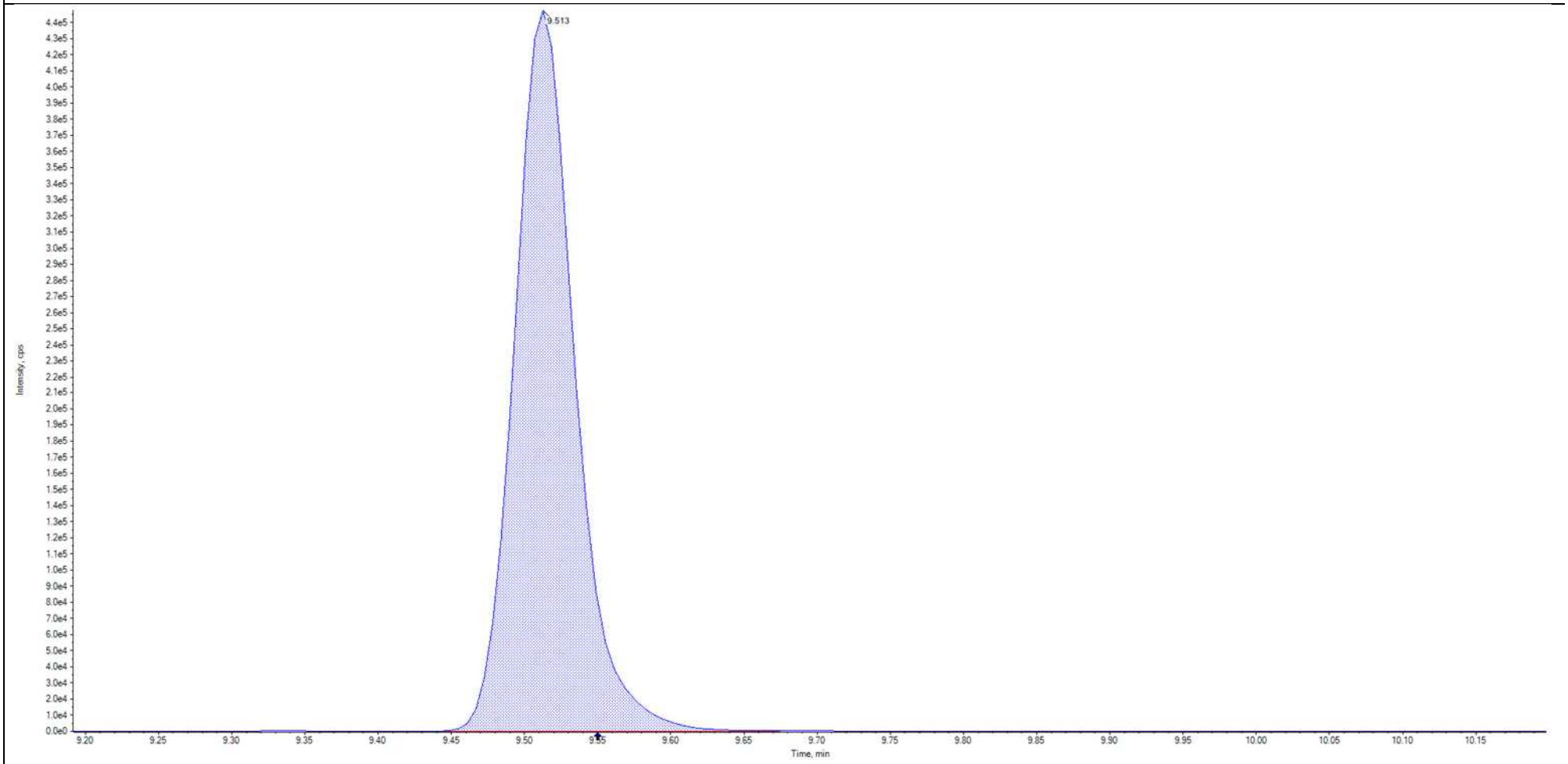
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13C2-8:2FTS
Sample: WG1972379-3,1633MED

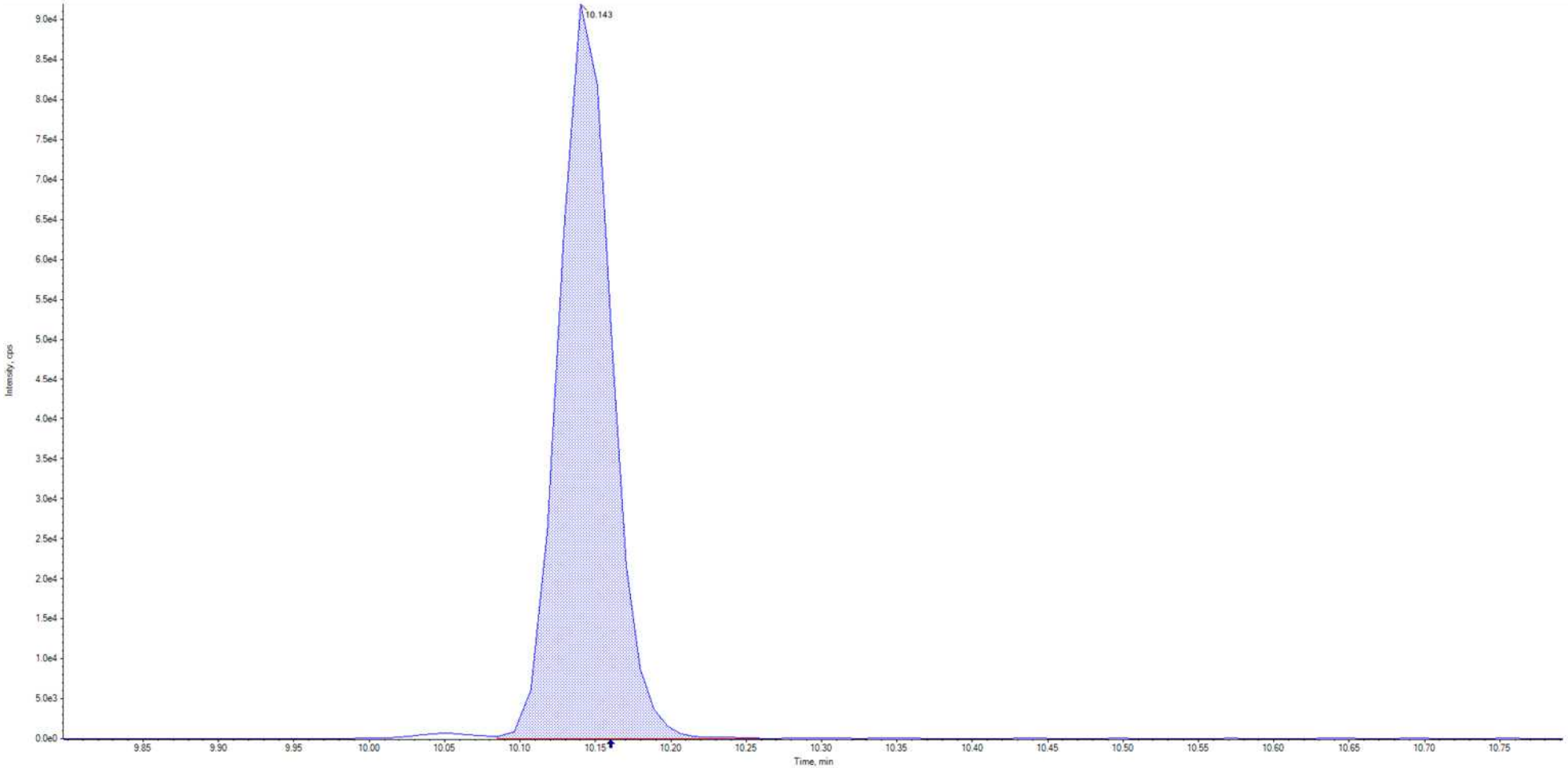


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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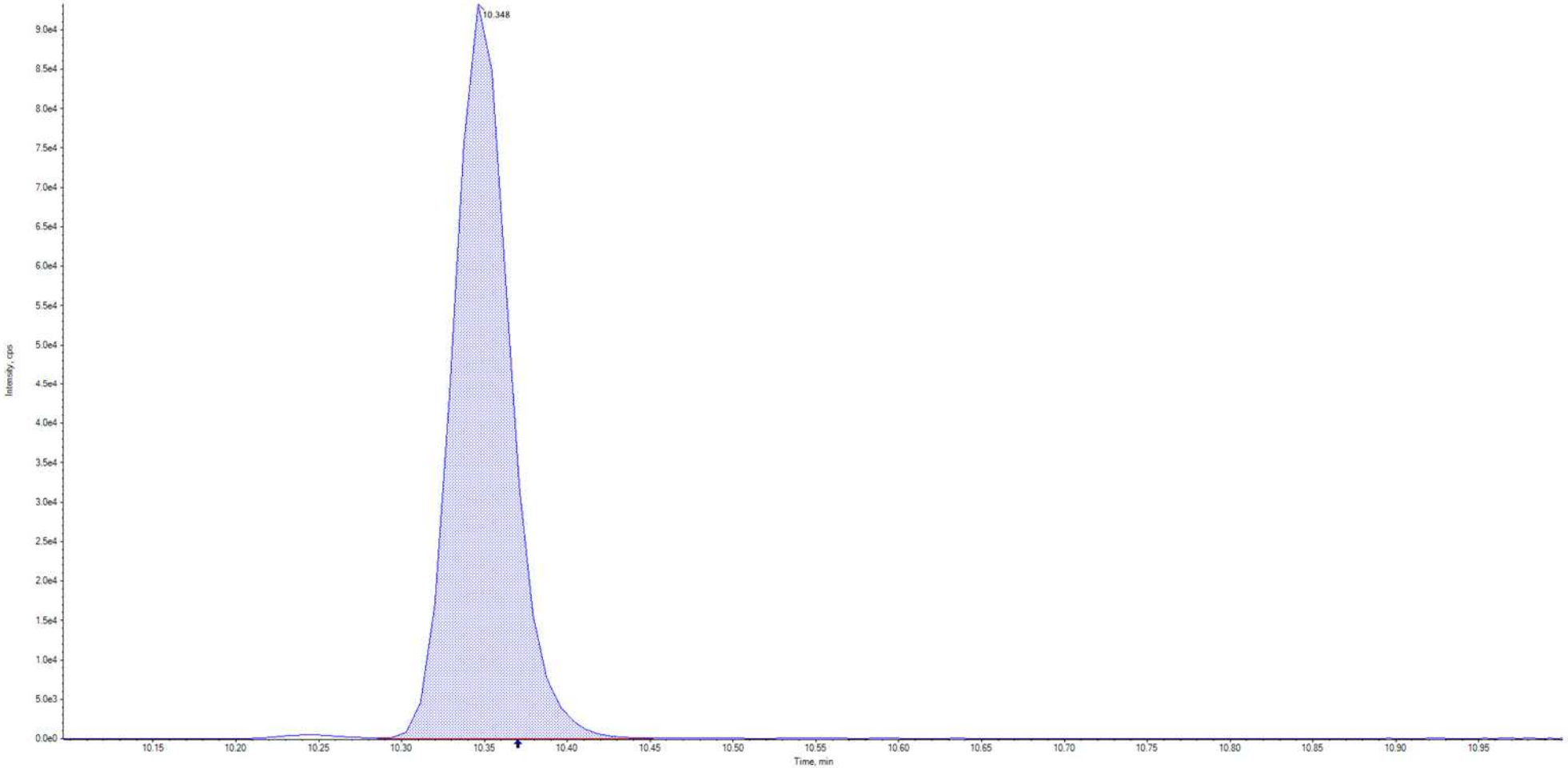
13C8-PFOSA
Sample: WG1972379-3,1633MED



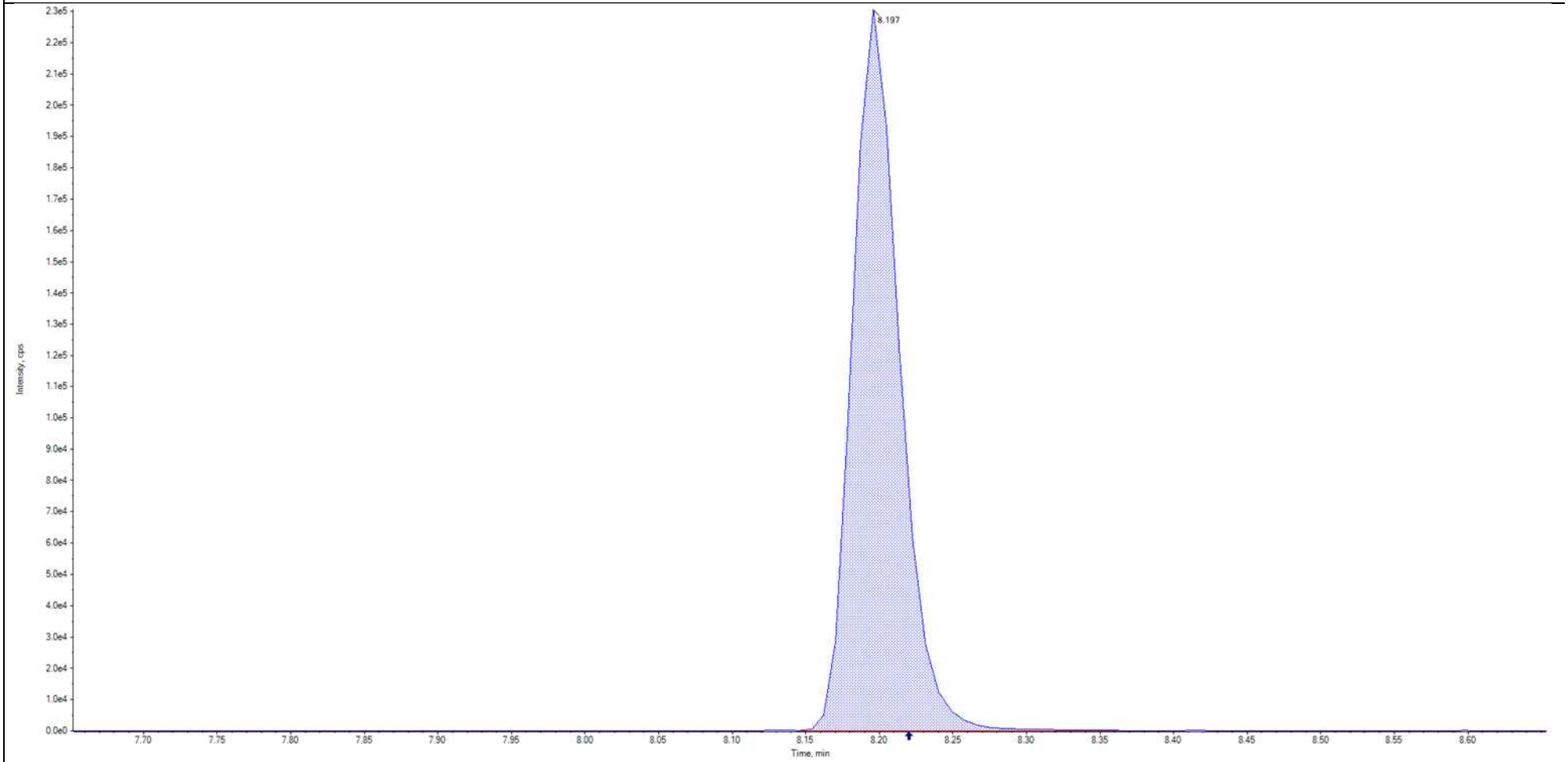
d3-NMeFOSA
Sample: WG1972379-3,1633MED



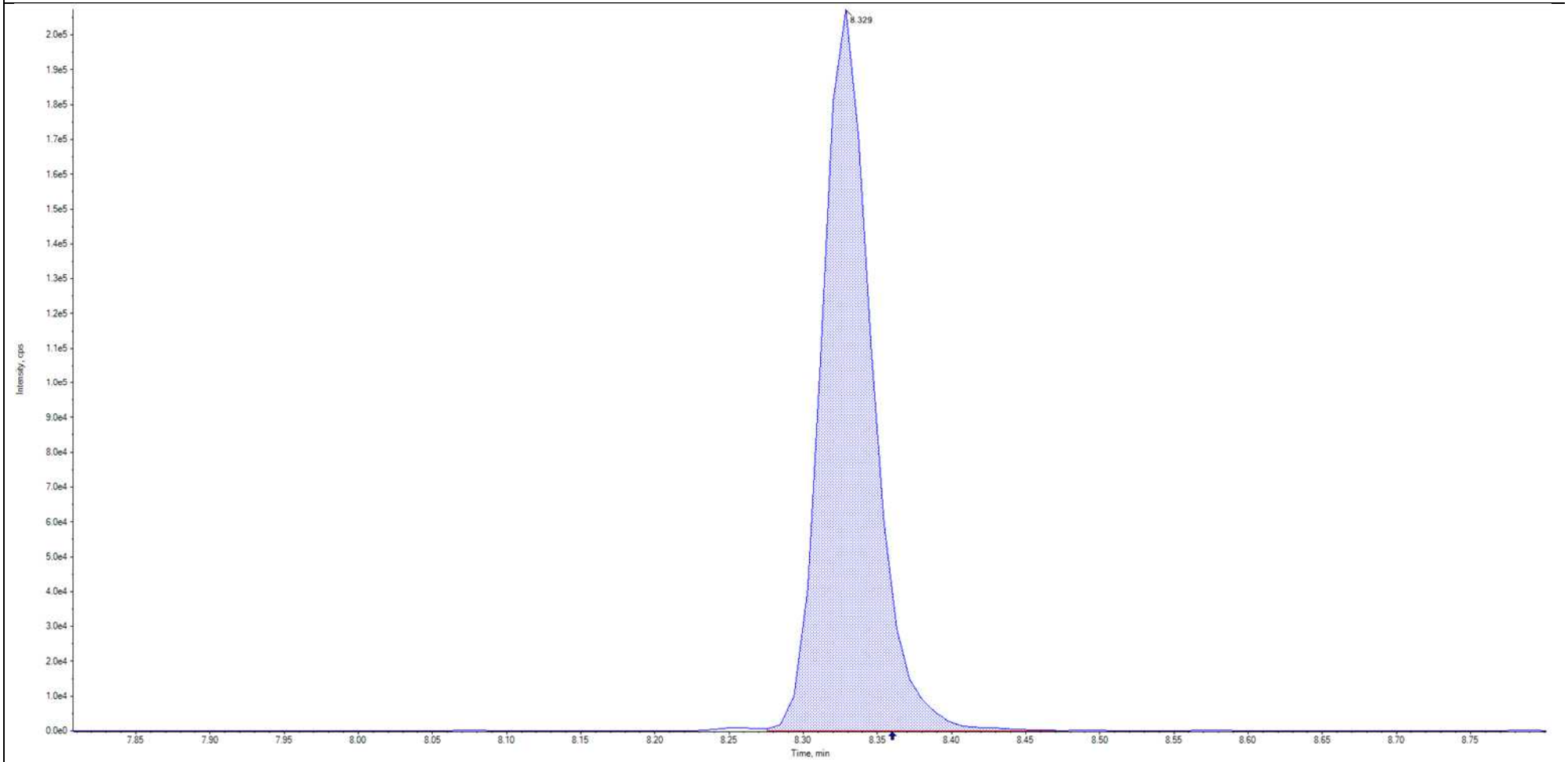
d5-NEtFOSA
Sample: WG1972379-3,1633MED



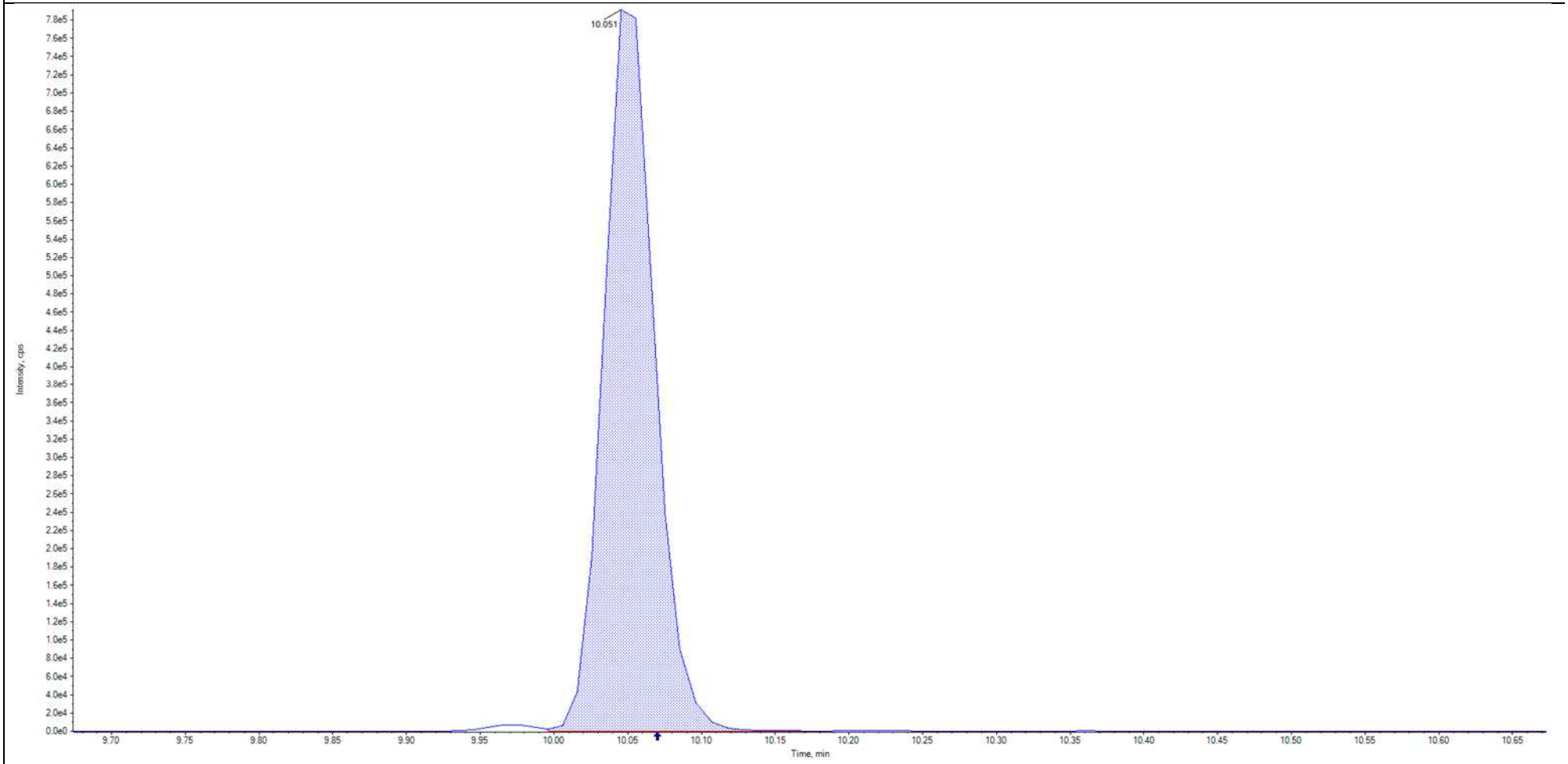
d3-NMeFOSAA
Sample: WG1972379-3,1633MED



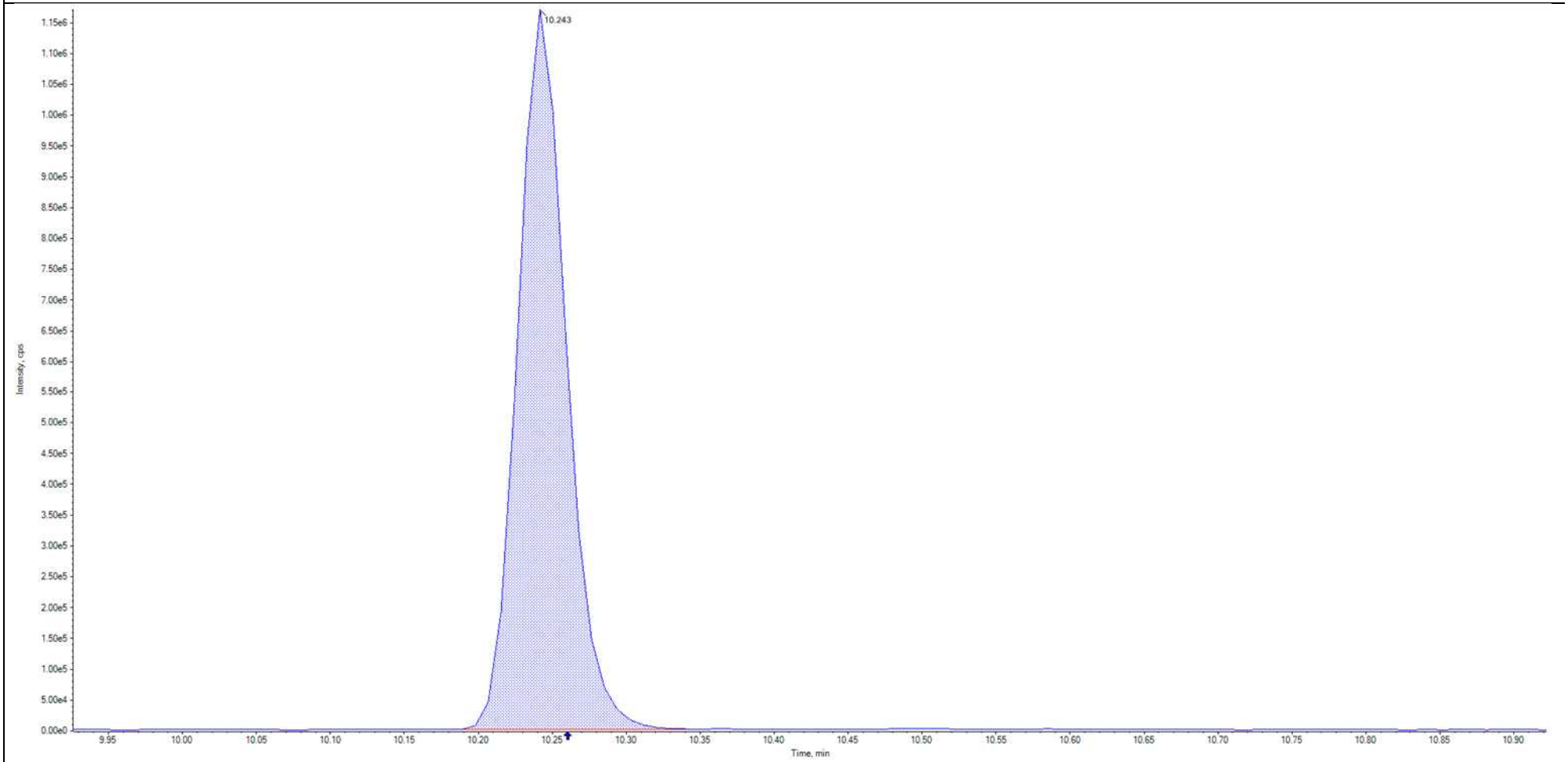
d5-NEtFOSAA
Sample: WG1972379-3,1633MED



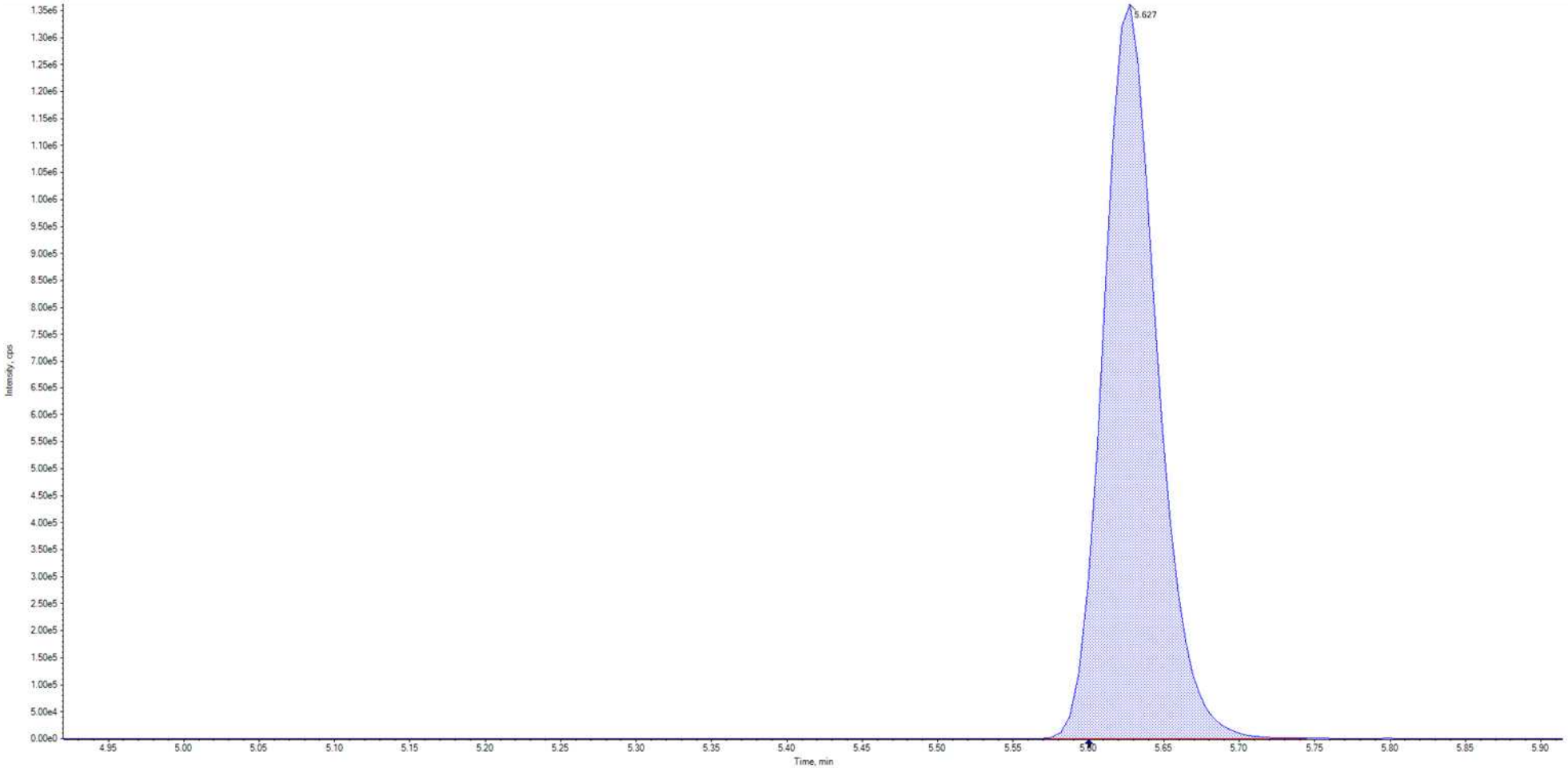
d7-NMeFOSE
Sample: WG1972379-3,1633MED



d9-NEtFOSE
Sample: WG1972379-3,1633MED

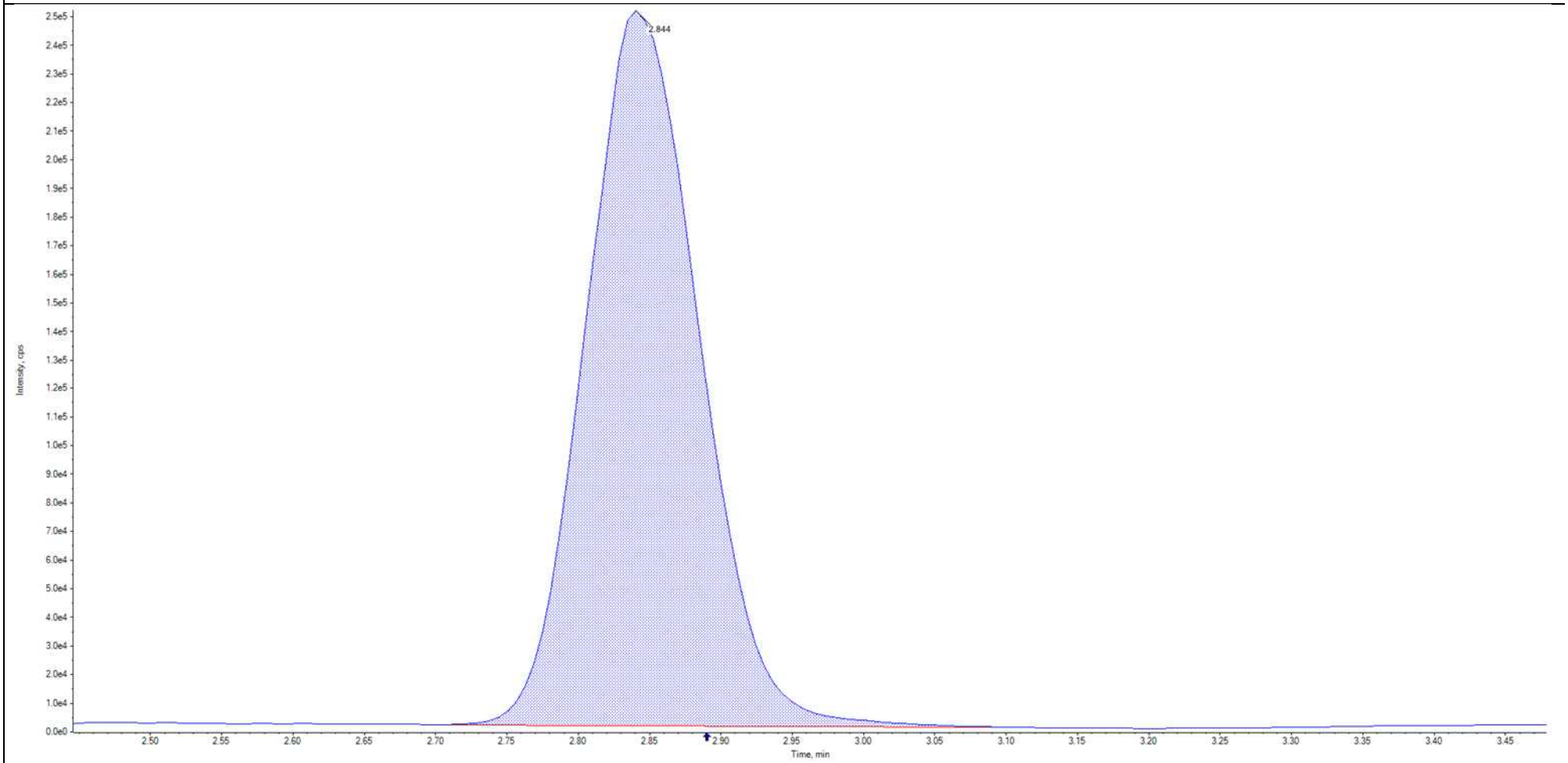


13C3-HFPO-DA
Sample: WG1972379-3,1633MED

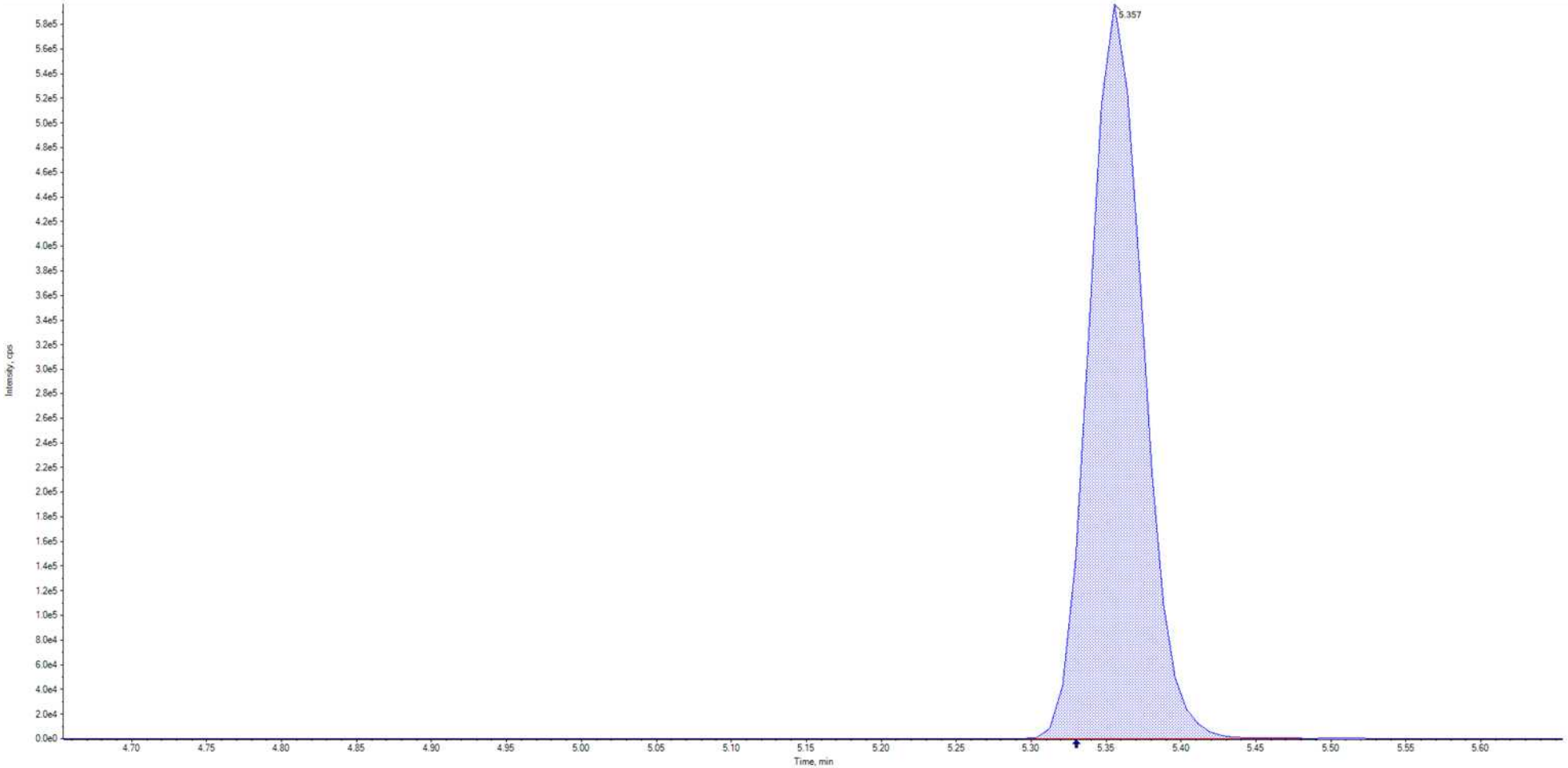


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 9/17/2024 6:15:27 AM

13C3-PFBA
Sample: WG1972379-3,1633MED

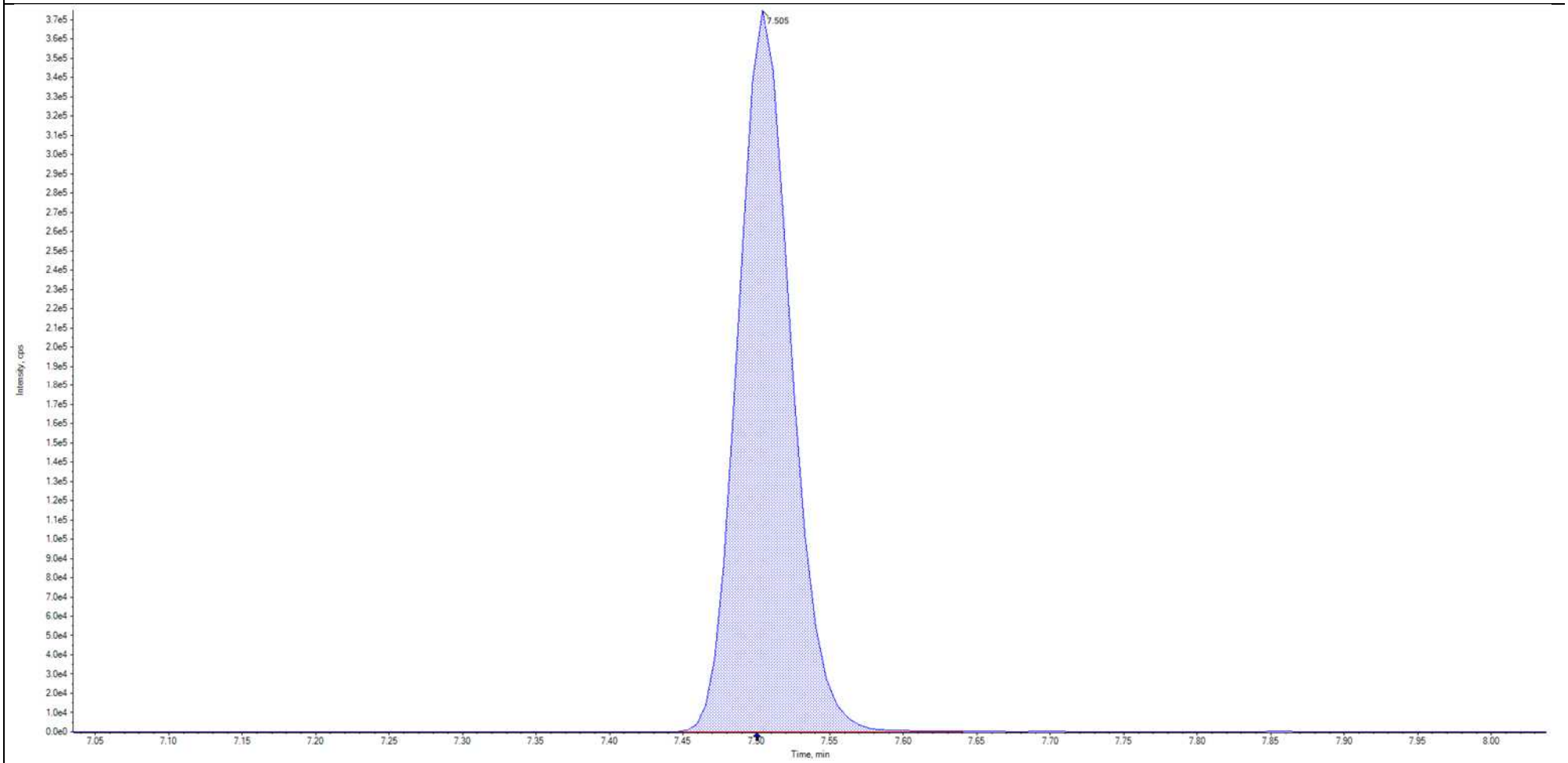


13C2-PFHxA
Sample: WG1972379-3,1633MED

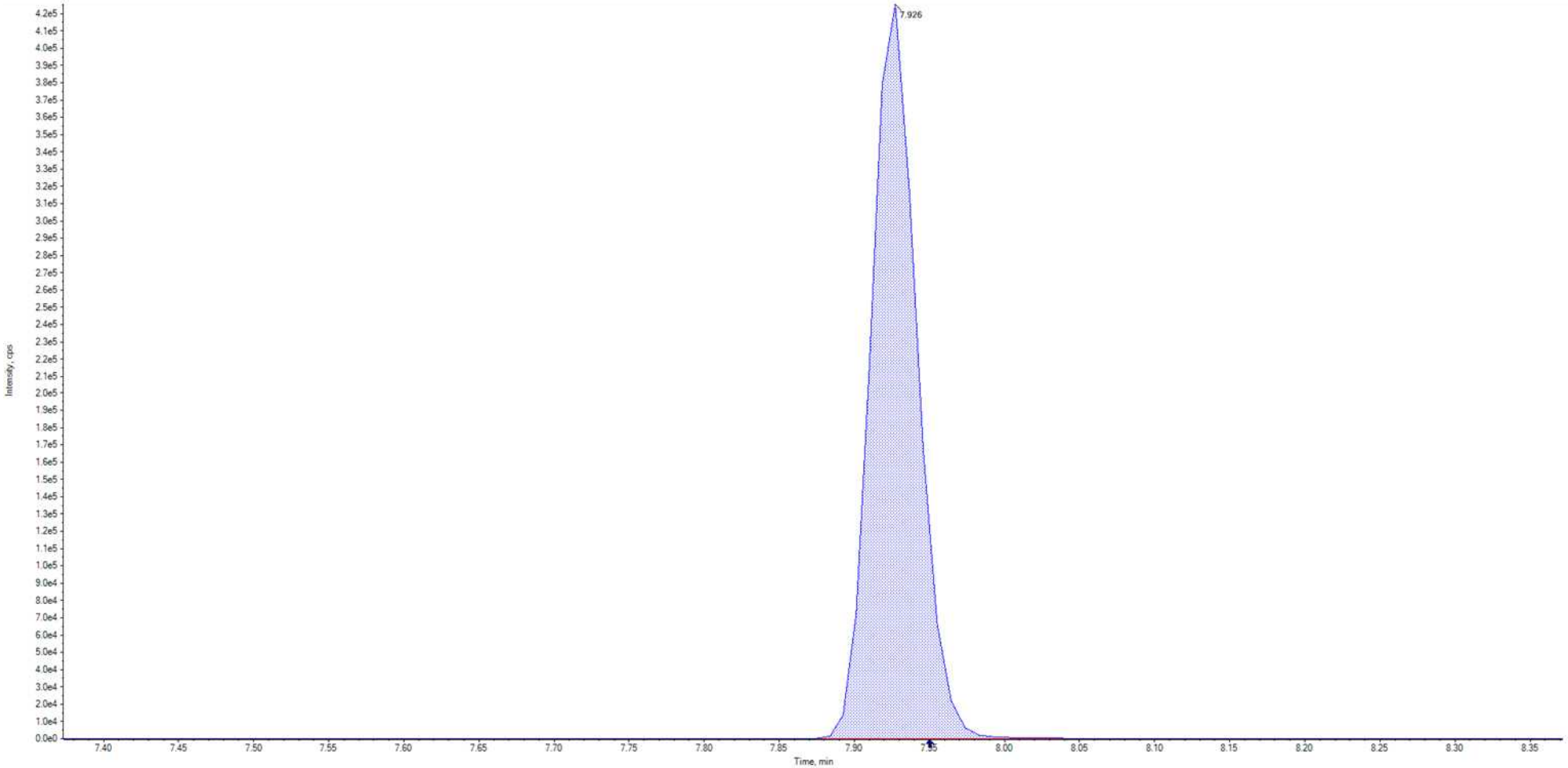


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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13C4-PFOA
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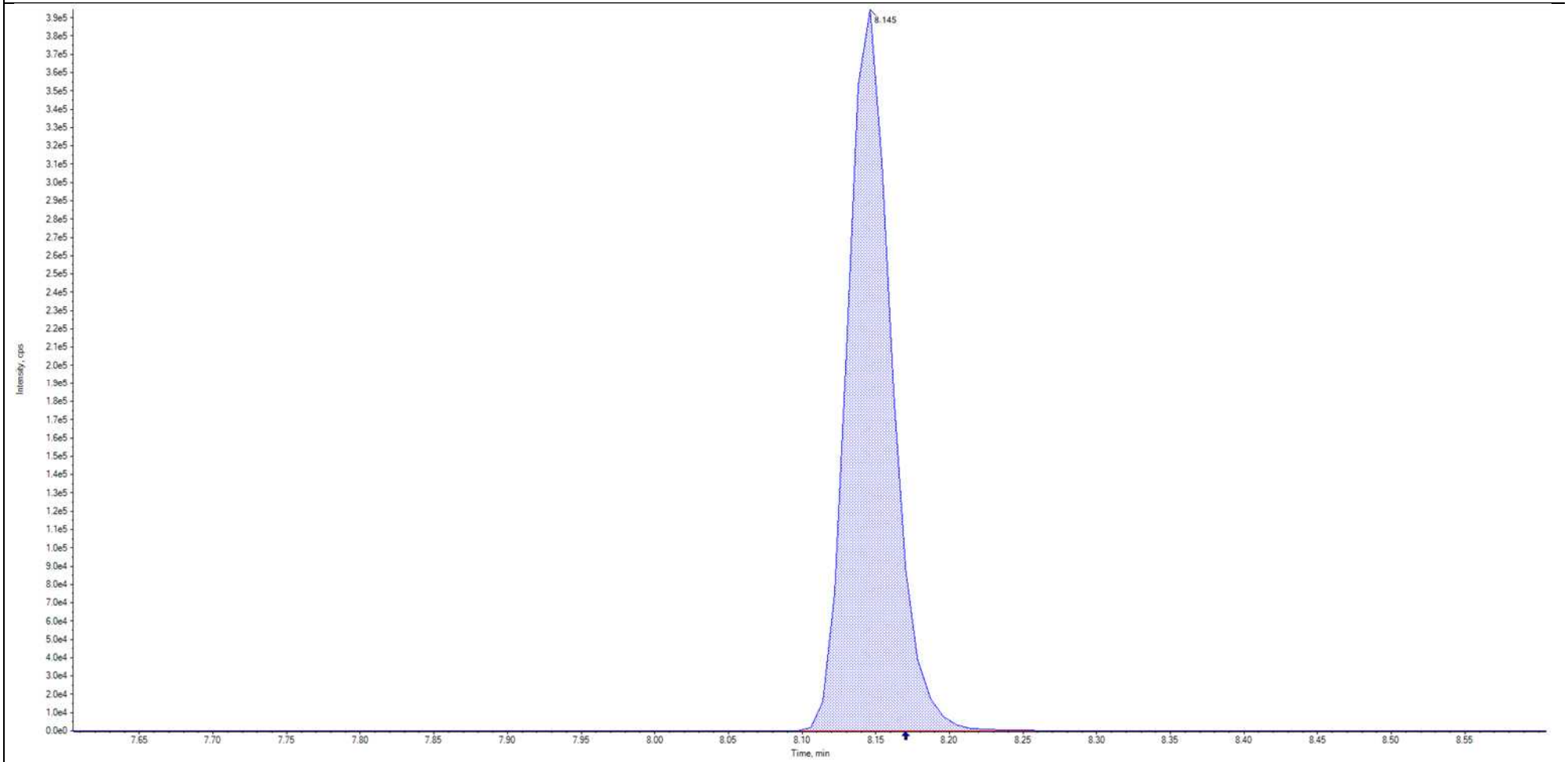


13C5-PFNA
Sample: WG1972379-3,1633MED



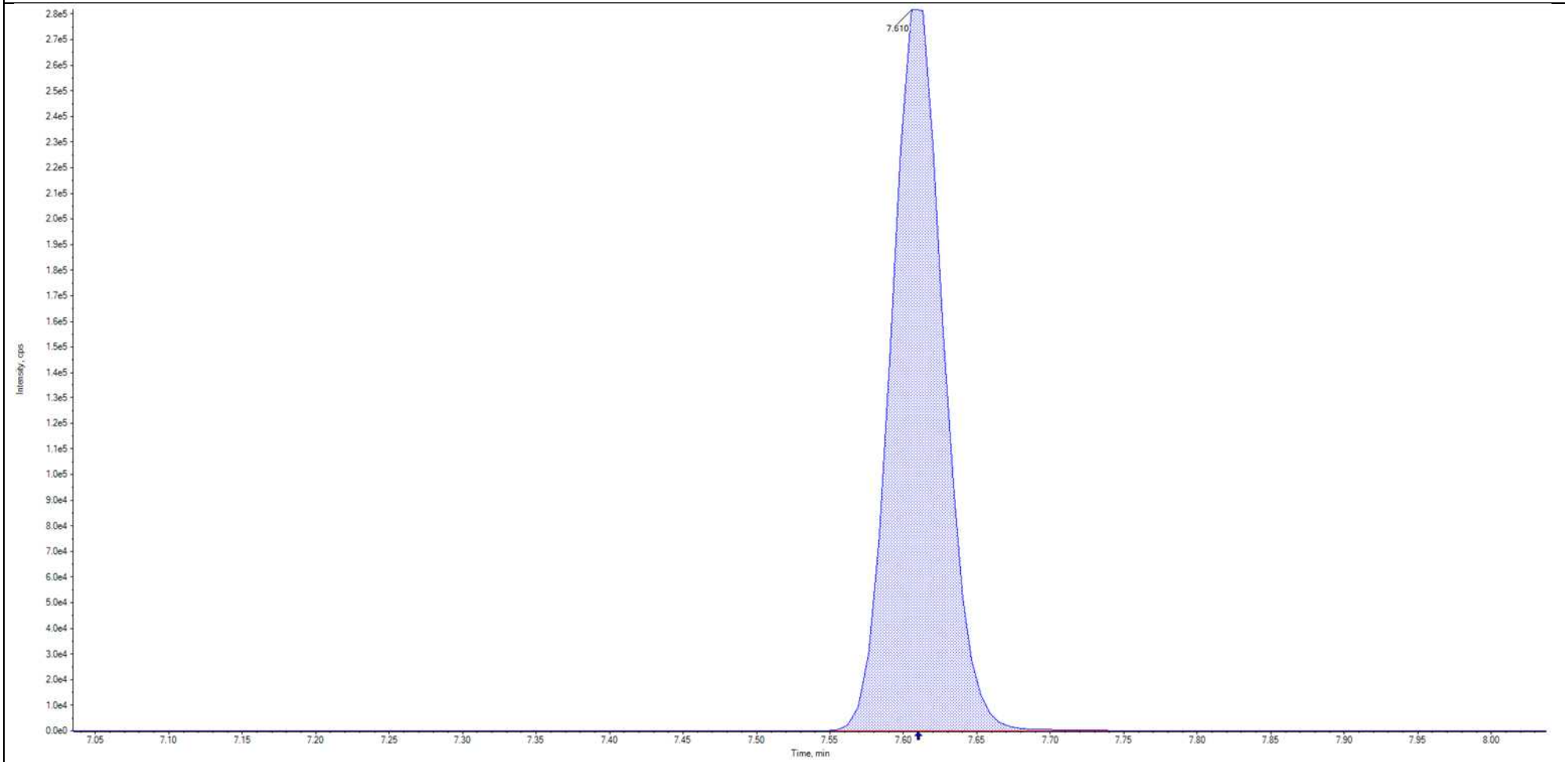
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_06.wiff
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13C2-PFDA
Sample: WG1972379-3,1633MED



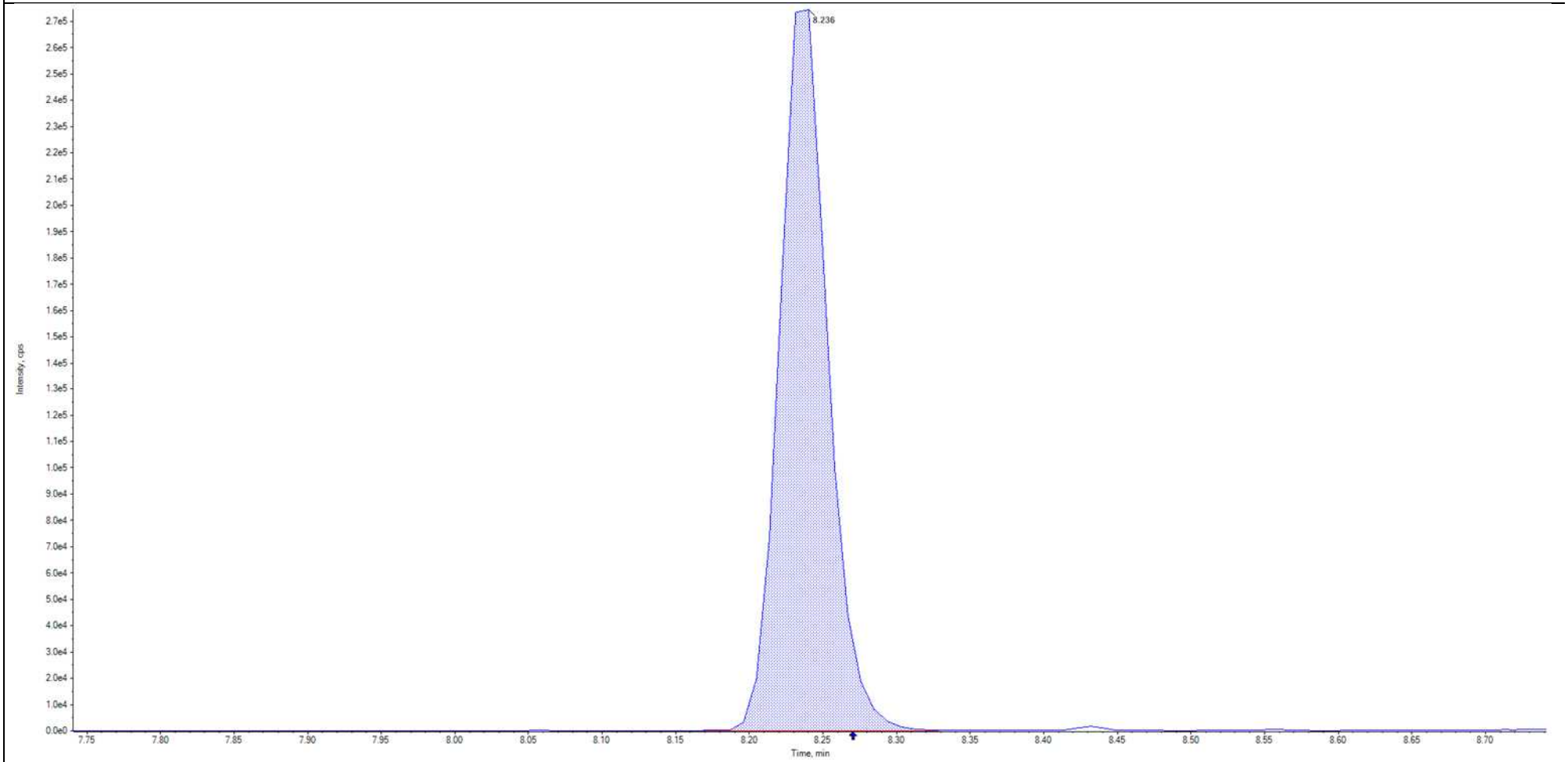
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

18O2-PFHxS
Sample: WG1972379-3,1633MED



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

13C4-PFOS
Sample: WG1972379-3,1633MED



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 9:07:16 AM
Generated: 9/17/2024 6:15:27 AM

Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: WG1972379-8,1633MED
Name: SCI05_240917_25.wiff
Date & Time: 2024-09-17T10:08:40
Description: WG1972379,WG1970000,ICAL21391,1633MED
Instrument: Triple Quad 5500+
User: LCMS05:AC

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.84	213.0 / 169.0	2869657		10.724	N/A	N/A	N/A	107.2
2	PFPeA	2706-90-3	4.67	263.0 / 219.0	2370451		6.110	0.006	0.007	N/A	122.2
3	PFPeA_2	2706-90-3	4.67	263.0 / 68.9	14969		5.464	0.006	0.007	N/A	109.3
4	PFHxA	307-24-4	5.36	313.0 / 269.0	1484404		2.472	0.077	0.072	Pass	98.9
5	PFHxA_2	307-24-4	5.36	313.0 / 119.0	114510		2.581	0.077	0.072	Pass	103.3
6	PFHpA	375-85-9	6.28	363.1 / 319.0	1618706		2.676	0.309	0.297	Pass	107.0
7	PFHpA_2	375-85-9	6.28	363.1 / 169.0	500897		2.706	0.309	0.297	Pass	108.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.50	413.1 / 369.1	967674	M5	2.416	0.580	0.586	Pass	96.7
9	PFOA_2	335-67-1	7.50	413.1 / 169.0	560865	M7	2.556	0.580	0.586	Pass	102.2
10	PFNA	375-95-1	7.93	462.8 / 418.9	1500663	M5	2.743	0.323	0.313	Pass	109.7
11	PFNA_2	375-95-1	7.93	462.8 / 218.9	484727	M7	2.900	0.323	0.313	Pass	116.0
12	PFDA	335-76-2	8.15	513.1 / 469.1	1718817		2.617	0.159	0.142	Pass	104.7
13	PFDA_2	335-76-2	8.15	513.1 / 219.0	273118		2.775	0.159	0.142	Pass	111.0
14	PFUnA	2058-94-8	8.43	563.1 / 519.1	1447757		2.791	0.181	0.194	Pass	111.7
15	PFUnA_2	2058-94-8	8.43	563.1 / 269.0	261483		2.602	0.181	0.194	Pass	104.1
16	PFDoA	307-55-1	8.83	613.1 / 569.1	1663174		1.999	0.163	0.167	Pass	80.0
17	PFDoA_2	307-55-1	8.83	613.1 / 319.0	271695		1.933	0.163	0.167	Pass	77.3
18	PFTrDA	72629-94-8	9.40	663.1 / 619.1	1392330		2.808	0.221	0.228	Pass	112.3
19	PFTrDA_2	72629-94-8	9.40	663.1 / 169.0	307547		2.785	0.221	0.228	Pass	111.4
20	PFTeDA	376-06-7	9.86	713.1 / 669.1	2590842		2.528	0.139	0.137	Pass	101.1
21	PFTeDA_2	376-06-7	9.86	713.1 / 169.0	359133		2.562	0.139	0.137	Pass	102.5
22	PFBS	375-73-5	5.33	299.1 / 80.1	1043431		2.346	0.392	0.396	Pass	105.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.33	299.1 / 99.1	408818		2.305	0.392	0.396	Pass	103.9
24	PFPeS	2706-91-4	6.36	349.1 / 80.1	878335		2.444	0.294	0.299	Pass	103.9
25	PFPeS_2	2706-91-4	6.36	349.1 / 99.1	257976		2.380	0.294	0.299	Pass	101.2
26	PFHxS	355-46-4	7.61	399.1 / 80.1	808766	M5	2.405	0.312	0.315	Pass	105.3
27	PFHxS_2	355-46-4	7.61	399.1 / 99.1	252266	M7	2.415	0.312	0.315	Pass	105.7
28	PFHpS	375-92-8	8.00	449.1 / 80.1	861616		2.386	0.289	0.287	Pass	100.1
29	PFHpS_2	375-92-8	8.00	449.1 / 99.1	249157		2.354	0.289	0.287	Pass	98.8
30	PFOS	1763-23-1	8.24	499.1 / 80.1	868689	M5	2.259	0.249	0.238	Pass	97.4
31	PFOS_2	1763-23-1	8.24	499.1 / 99.1	215916		2.292	0.249	0.238	Pass	98.8
32	PFNS	68259-12-1	8.57	549.1 / 80.1	655600		2.656	0.300	0.301	Pass	110.4
33	PFNS_2	68259-12-1	8.57	549.1 / 99.1	196475		2.628	0.300	0.301	Pass	109.3
34	PFDS	335-77-3	9.06	599.1 / 80.1	628710		2.585	0.277	0.275	Pass	107.1
35	PFDS_2	335-77-3	9.06	599.1 / 99.1	173904		2.594	0.277	0.275	Pass	107.5
36	PFDoS	79780-39-5	9.96	699.2 / 80.1	966021		4.337	0.270	0.274	Pass	178.9
37	PFDoS_2	79780-39-5	9.96	699.2 / 99.1	260450		4.256	0.270	0.274	Pass	175.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.16	327.1 / 307.1	1288567		8.801	0.564	0.516	Pass	93.9
39	4:2FTS_2	757124-72-4	5.16	327.1 / 81.1	726918		9.280	0.564	0.516	Pass	99.0
40	6:2FTS	27619-97-2	7.11	427.2 / 407.2	858166		10.130	0.551	0.565	Pass	106.6
41	6:2FTS_2	27619-97-2	7.11	427.2 / 81.1	473271		10.329	0.551	0.565	Pass	108.7
42	8:2FTS	39108-34-4	8.05	527.2 / 507.2	1207686		11.515	0.663	0.662	Pass	119.9
43	8:2FTS_2	39108-34-4	8.05	527.2 / 81.1	800948		11.259	0.663	0.662	Pass	117.3
44	PFOSA	754-91-6	9.51	498.1 / 78.1	890369	M5	2.573	0.026	0.025	Pass	102.9
45	PFOSA_2	754-91-6	9.51	498.1 / 478.0	23029	M7	2.536	0.026	0.025	Pass	101.5
46	NMeFOSA	31506-32-8	10.16	512.2 / 219.0	254811	M5	2.613	1.568	1.551	Pass	104.5
47	NMeFOSA_2	31506-32-8	10.12	512.2 / 169.0	399640	M7	2.644	1.568	1.551	Pass	105.8
48	NEtFOSA	4151-50-2	10.37	526.2 / 219.0	264725	M5	2.667	1.322	1.285	Pass	106.7
49	NEtFOSA_2	4151-50-2	10.33	526.2 / 169.0	349854	M7	2.633	1.322	1.285	Pass	105.3
50	NMeFOSAA	2355-31-9	8.20	570.2 / 419.1	234155		3.177	0.701	0.700	Pass	127.1
51	NMeFOSAA_2	2355-31-9	8.20	570.2 / 483.0	164156	M7	3.502	0.701	0.700	Pass	140.1
52	NEtFOSAA	2991-50-6	8.33	584.2 / 419.1	277640		2.945	0.451	0.487	Pass	117.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.33	584.2 / 526.2	125338	M7	2.889	0.451	0.487	Pass	115.6
54	NMeFOSE	24448-09-7	10.07	616.1 / 58.9	5133732	M5	26.774	N/A	N/A	N/A	107.1
55	NEtFOSE	1691-99-2	10.27	630.0 / 58.9	8787623	M5	26.947	N/A	N/A	N/A	107.8
56	HFPO-DA	13252-13-6	5.63	285.0 / 169.0	3658404		11.064	0.471	0.464	Pass	110.6
57	HFPO-DA_2	13252-13-6	5.63	285.0 / 184.9	1722896		11.205	0.471	0.464	Pass	112.1
58	ADONA	919005-14-4	6.74	377.1 / 251.0	7369571		9.800	0.668	0.634	Pass	103.7
59	ADONA_2	919005-14-4	6.74	377.1 / 84.8	4924337		10.120	0.668	0.634	Pass	107.1
60	9Cl-PF3ONS	756426-58-1	8.45	530.8 / 351.1	8393572		11.320	0.326	0.322	Pass	121.1
61	9Cl-PF3ONS_2	756426-58-1	8.45	532.8 / 353.0	2739776		11.347	0.326	0.322	Pass	121.4
62	11Cl-PF3OUdS	763051-92-9	9.48	630.9 / 451.0	5277673		11.269	0.334	0.331	Pass	119.2
63	11Cl-PF3OUdS_2	763051-92-9	9.48	632.9 / 452.9	1764468		11.194	0.334	0.331	Pass	118.5
64	3:3FTCA	356-02-5	4.95	241.1 / 177.1	541470		16.089	0.874	1.074	Pass	128.7
65	3:3FTCA_2	356-02-5	4.95	241.1 / 117.0	473368		14.044	0.874	1.074	Pass	112.4
66	5:3FTCA	914637-49-3	7.20	341.1 / 237.1	7940886		72.908	0.958	0.953	Pass	116.7
67	5:3FTCA_2	914637-49-3	7.20	341.1 / 217.0	7610296		73.843	0.958	0.953	Pass	118.2

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.20	441.1 / 316.9	5673490		46.791	1.834	1.558	Pass	74.9
69	7:3FTCA_2	812-70-4	8.20	441.1 / 337.1	10402954		59.123	1.834	1.558	Pass	94.6
70	PFEESA	113507-82-7	5.73	315.1 / 135.0	5362809		5.148	0.088	0.087	Pass	115.7
71	PFEESA_2	113507-82-7	5.73	315.1 / 82.9	471467		5.239	0.088	0.087	Pass	117.7
72	PFMPA	377-73-1	3.89	229.0 / 85.0	311401		6.631	N/A	N/A	N/A	132.6
73	PFMBA	863090-89-5	4.90	279.0 / 85.0	3321511		5.246	N/A	N/A	N/A	104.9
74	NFDHA	151772-58-6	5.28	295.0 / 201.0	624711		5.697	0.946	0.910	Pass	113.9
75	NFDHA_2	151772-58-6	5.28	295.0 / 84.9	591105		5.880	0.946	0.910	Pass	117.6
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.15	333.2 / 312.1	457247		1.950	N/A	N/A	N/A	N/A
79	13C2-PFOA	Surr	7.50	415.0 / 370.0	1904368		1.168	N/A	N/A	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.84	217.0 / 172.0	3299858		10.175	NA	NA	NA	101.8

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.66	268.0 / 223.0	2104065		5.347	NA	NA	NA	106.9
	13C5-PFHxA	EIS	5.35	318.0 / 273.0	1231890		2.383	NA	NA	NA	95.3
	13C4-PFHpA	EIS	6.27	367.0 / 322.0	1291303		2.495	NA	NA	NA	99.8
	13C8-PFOA	EIS	7.50	421.0 / 376.0	1924428		2.614	NA	NA	NA	104.6
	13C9-PFNA	EIS	7.93	472.0 / 427.0	934080		1.210	NA	NA	NA	96.8
	13C6-PFDA	EIS	8.15	519.0 / 474.0	952576		1.243	NA	NA	NA	99.4
	13C7-PFUnA	EIS	8.42	570.0 / 525.0	820503		1.323	NA	NA	NA	105.9

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.83	615.1 / 570.0	799807		1.983	NA	NA	NA	158.6
	13C2-PFTeDA	EIS	9.85	715.1 / 670.1	1022314		2.335	NA	NA	NA	186.8
	13C3-PFBS	EIS	5.33	302.1 / 80.1	1060195		2.427	NA	NA	NA	104.2
	13C3-PFHxS	EIS	7.60	402.1 / 80.1	842482		2.428	NA	NA	NA	102.5
	13C8-PFOS	EIS	8.24	507.1 / 80.1	936133		2.476	NA	NA	NA	103.4
	13C2-4:2FTS	EIS	5.15	329.1 / 81.1	350396		4.494	NA	NA	NA	95.8
	13C2-6:2FTS	EIS	7.10	429.2 / 81.1	245547		4.298	NA	NA	NA	90.4
	13C2-8:2FTS	EIS	8.05	529.2 / 81.1	397205		4.750	NA	NA	NA	99.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.51	506.1 / 78.1	1294433		2.575	NA	NA	NA	103.0
	d3-NMeFOSA	EIS	10.15	515.2 / 219.0	227715		2.691	NA	NA	NA	107.6
	d5-NEtFOSA	EIS	10.35	531.2 / 219.0	225989		2.734	NA	NA	NA	109.4
	d3-NMeFOSAA	EIS	8.20	573.2 / 419.1	560038		2.928	NA	NA	NA	58.6
	d5-NEtFOSAA	EIS	8.33	589.3 / 419.1	505576		5.029	NA	NA	NA	100.6
	d7-NMeFOSE	EIS	10.06	623.2 / 58.9	1943080		29.735	NA	NA	NA	118.9
	d9-NEtFOSE	EIS	10.25	639.2 / 58.9	2778020		28.835	NA	NA	NA	115.3

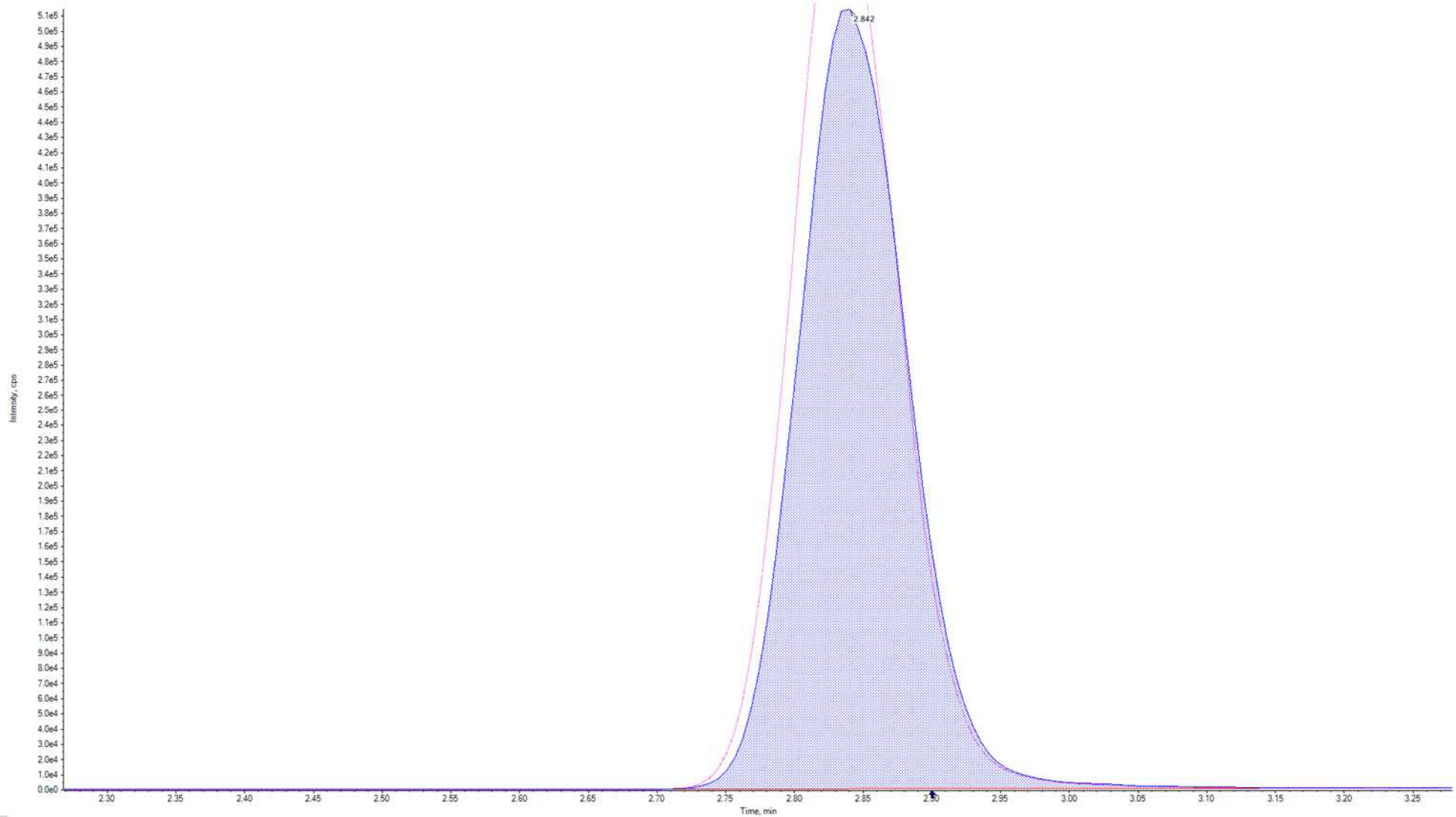
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.62	287.0 / 169.0	3607054		10.530	NA	NA	NA	105.3
	13C3-PFBA	NIS	2.84	216.0 / 172.0	1418662		6.635	NA	NA	NA	132.7
	13C2-PFHxA	NIS	5.35	315.0 / 270.0	1534706		3.134	NA	NA	NA	125.4
	13C4-PFOA	NIS	7.49	417.0 / 372.0	963076		3.076	NA	NA	NA	123.1
	13C5-PFNA	NIS	7.93	468.0 / 423.0	940182		1.717	NA	NA	NA	137.3
	13C2-PFDA	NIS	8.15	515.1 / 470.1	900269		1.757	NA	NA	NA	140.6
	18O2-PFHxS	NIS	7.60	403.1 / 84.1	705251		3.010	NA	NA	NA	127.0
	13C4-PFOS	NIS	8.24	503.1 / 80.1	668819		3.177	NA	NA	NA	132.6

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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

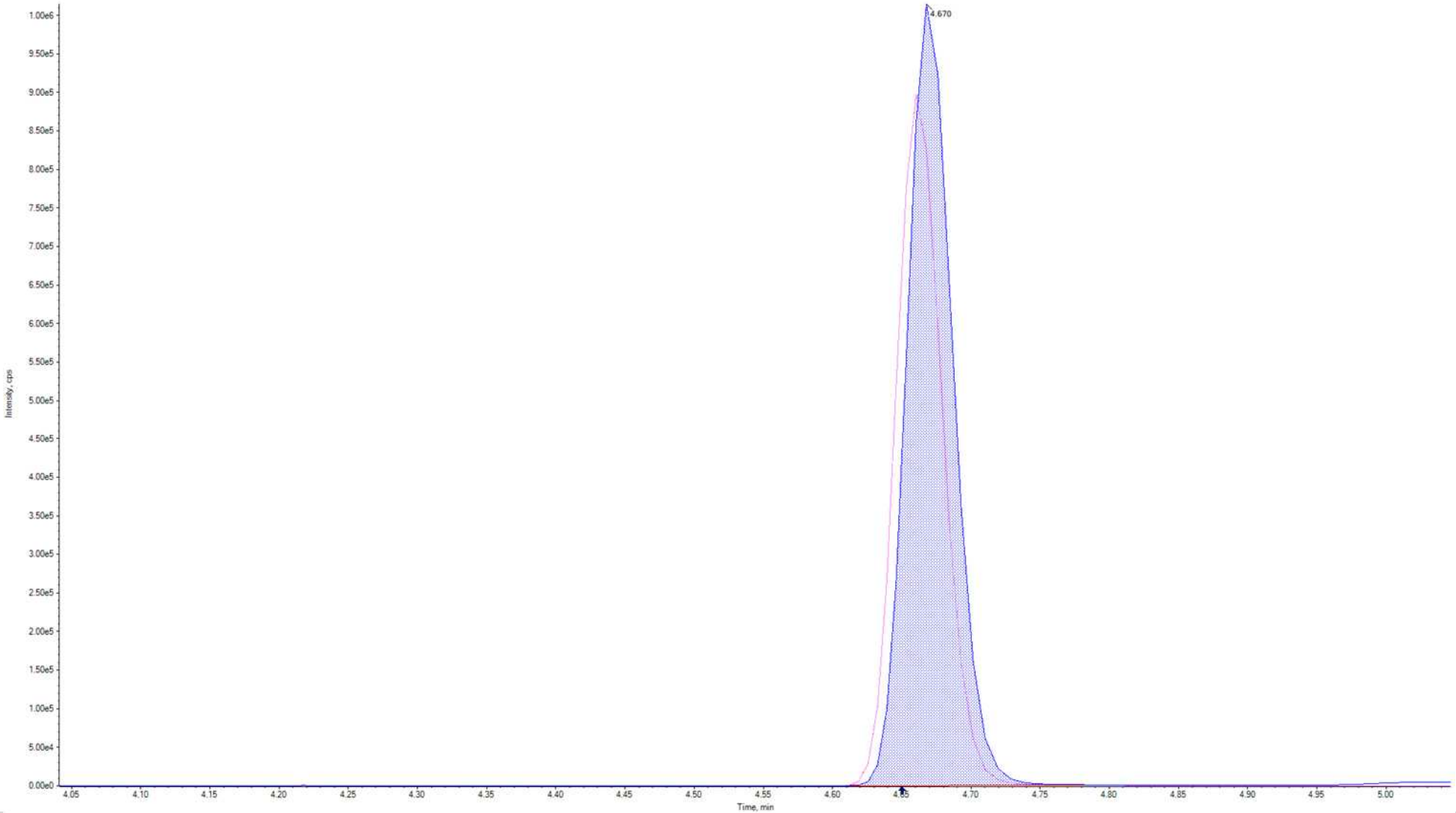
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PFBA
Sample: WG1972379-8,1633MED S/N:2763.1 Points Across peak:76



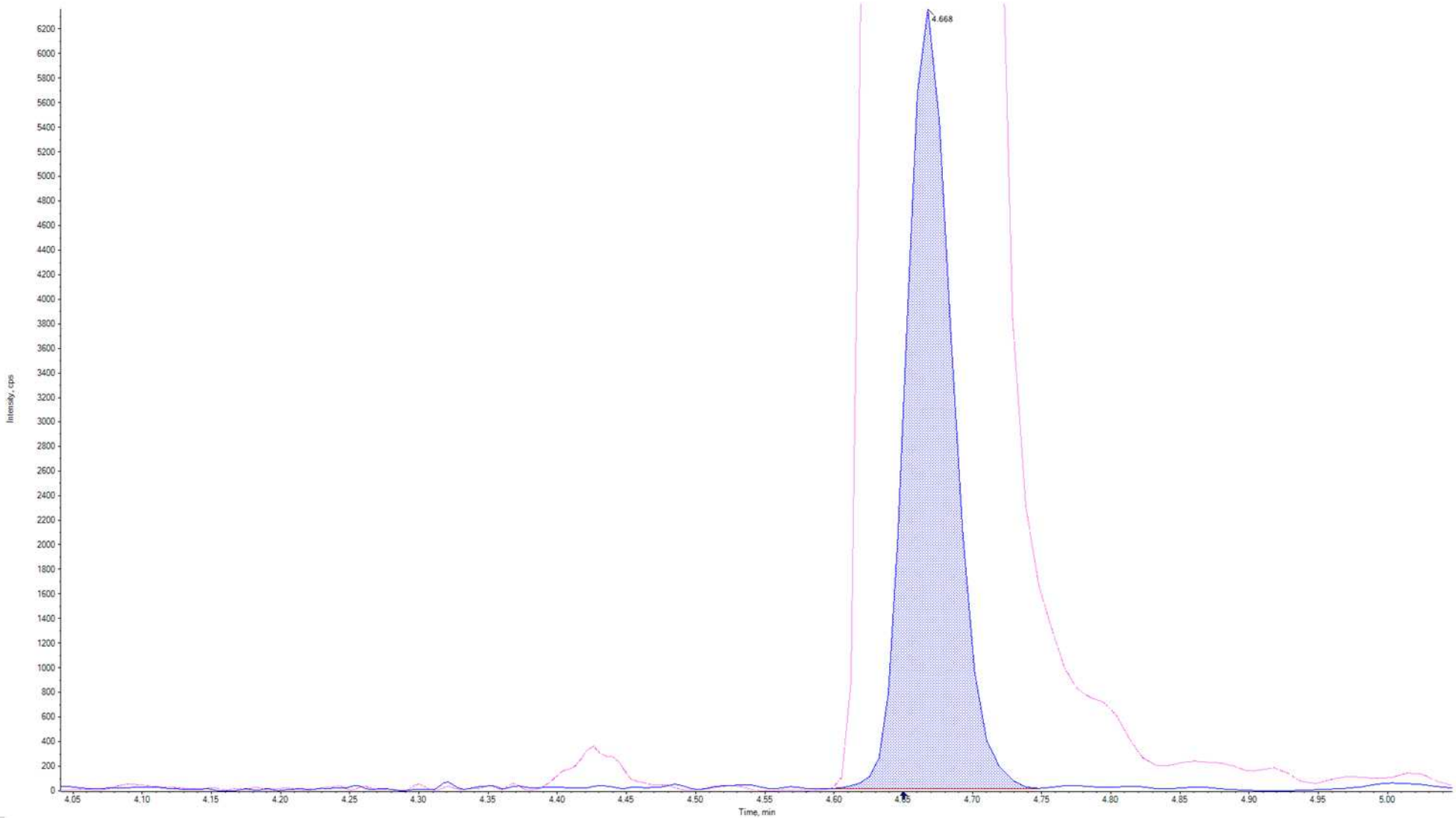
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PFPeA
Sample: WG1972379-8,1633MED S/N:3924.5 Points Across peak:36



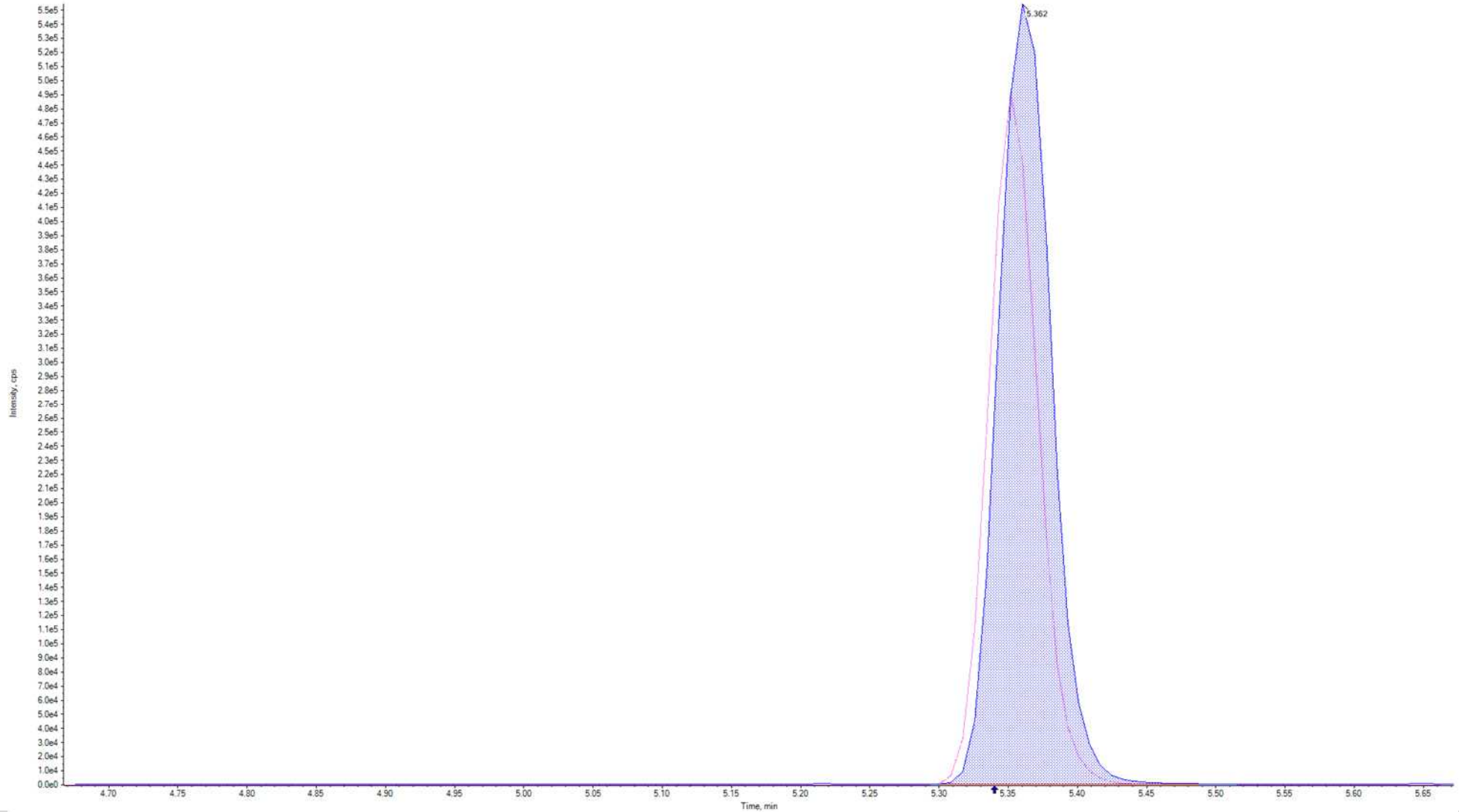
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PFPeA_2
Sample: WG1972379-8,1633MED S/N:7980.9 Points Across peak:20



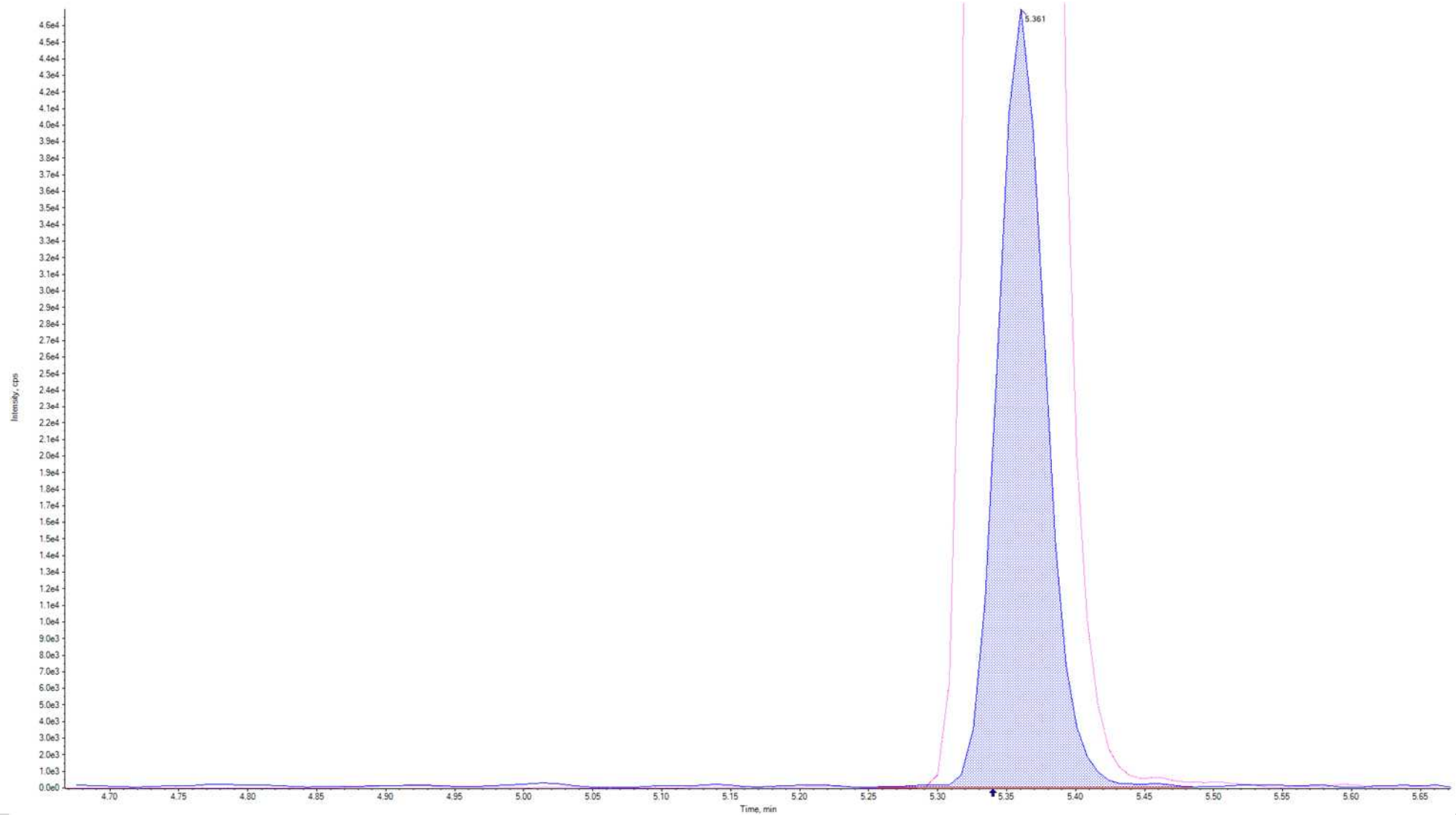
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PFHxA
Sample: WG1972379-8,1633MED S/N:1514.4 Points Across peak:30



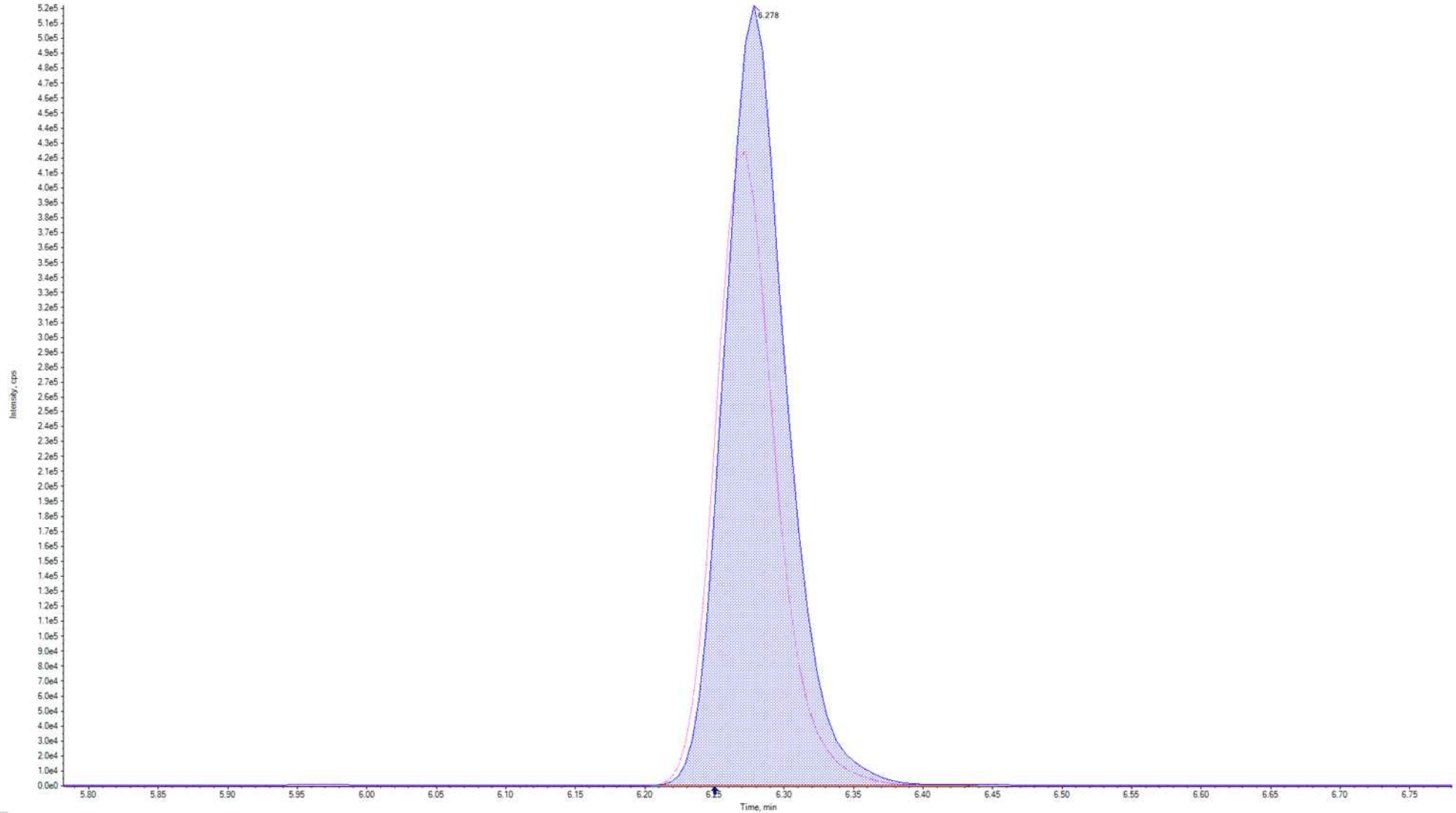
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PFHxA_2
Sample: WG1972379-8,1633MED S/N:1336.0 Points Across peak:30



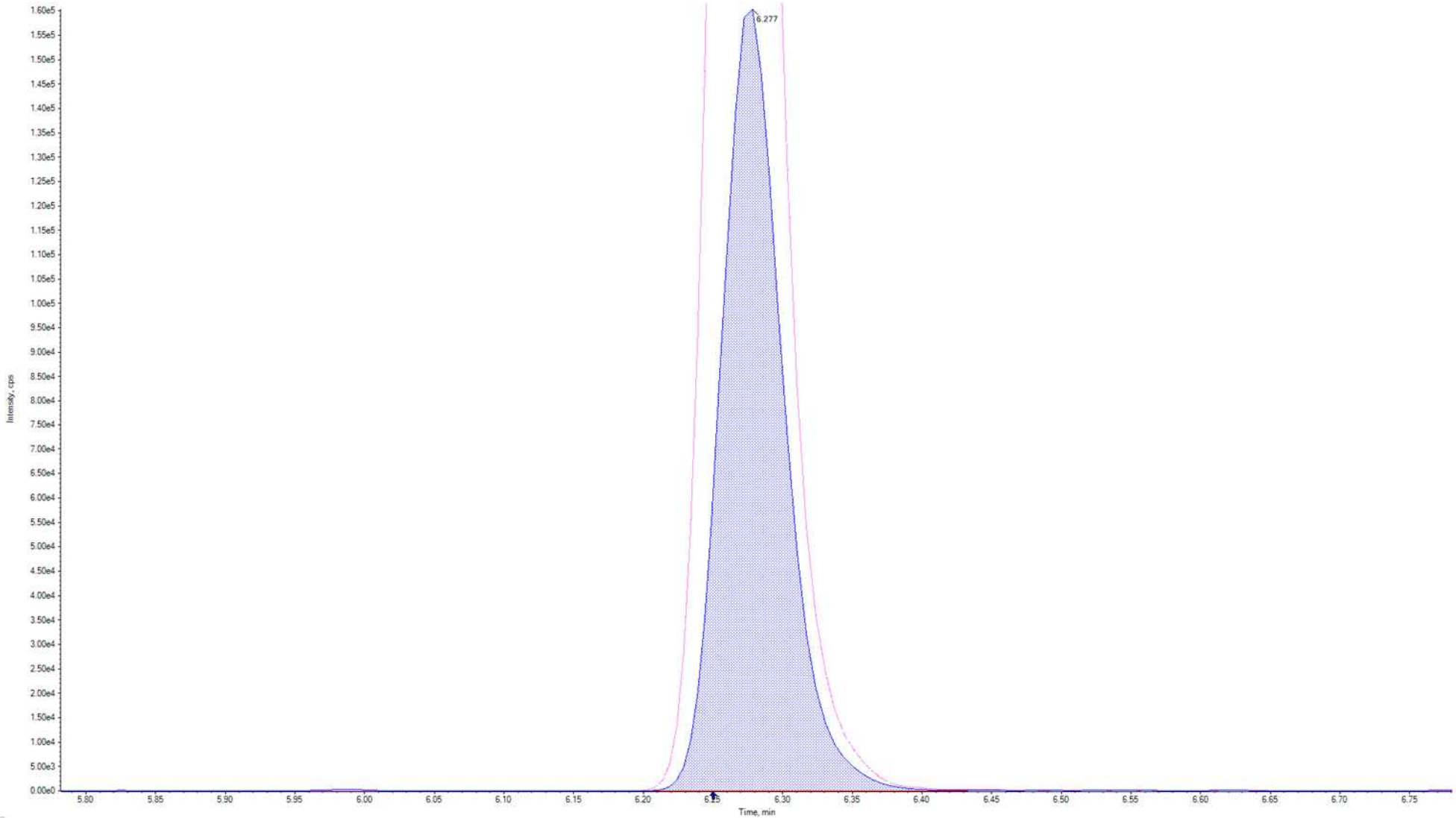
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PFHpA
Sample: WG1972379-8,1633MED S/N:3033.0 Points Across peak:41



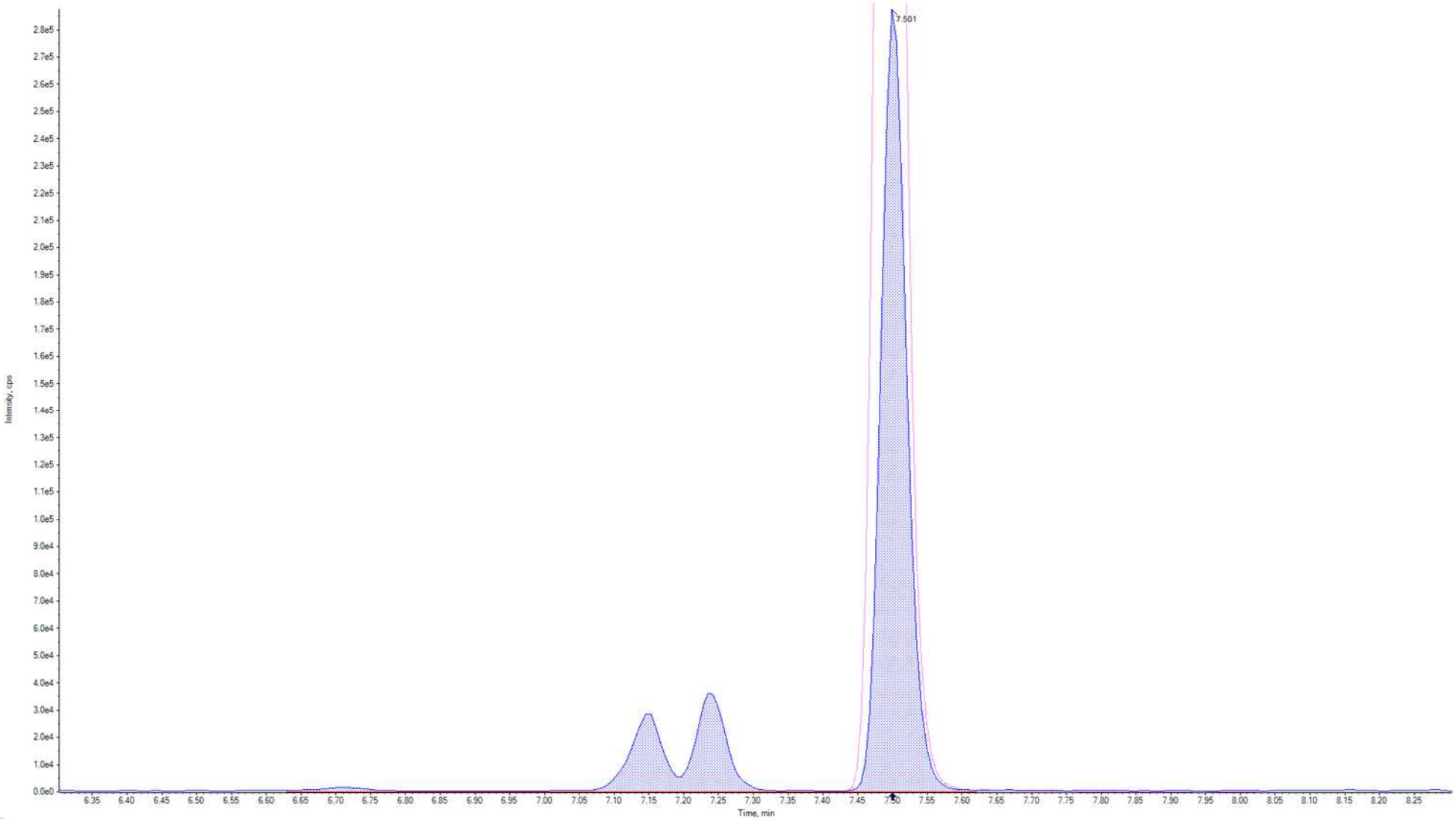
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PFHpA_2
Sample: WG1972379-8,1633MED S/N:10047.3 Points Across peak:38



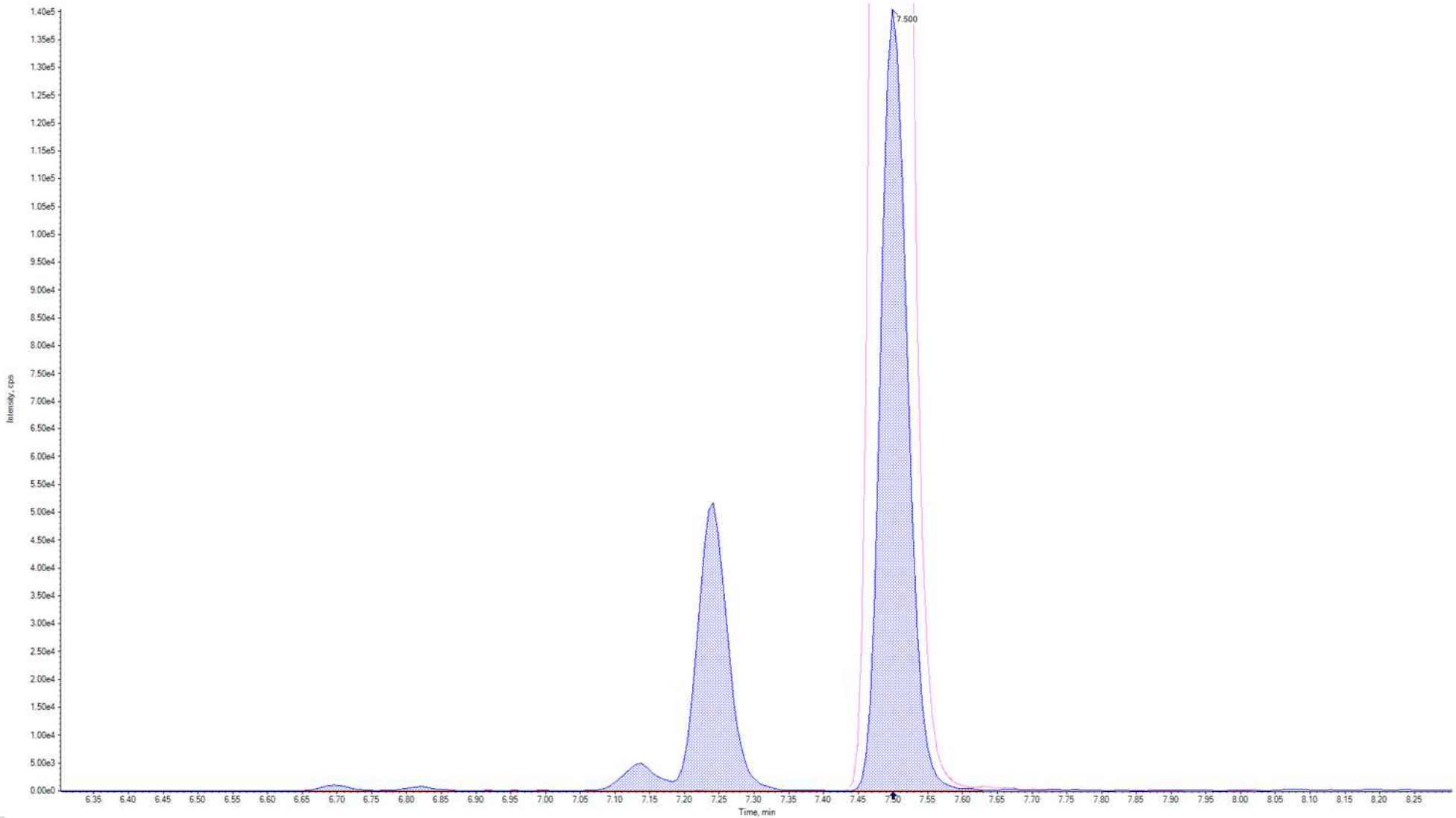
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PFOA
Sample: WG1972379-8,1633MED S/N:2192.0 Points Across peak:151



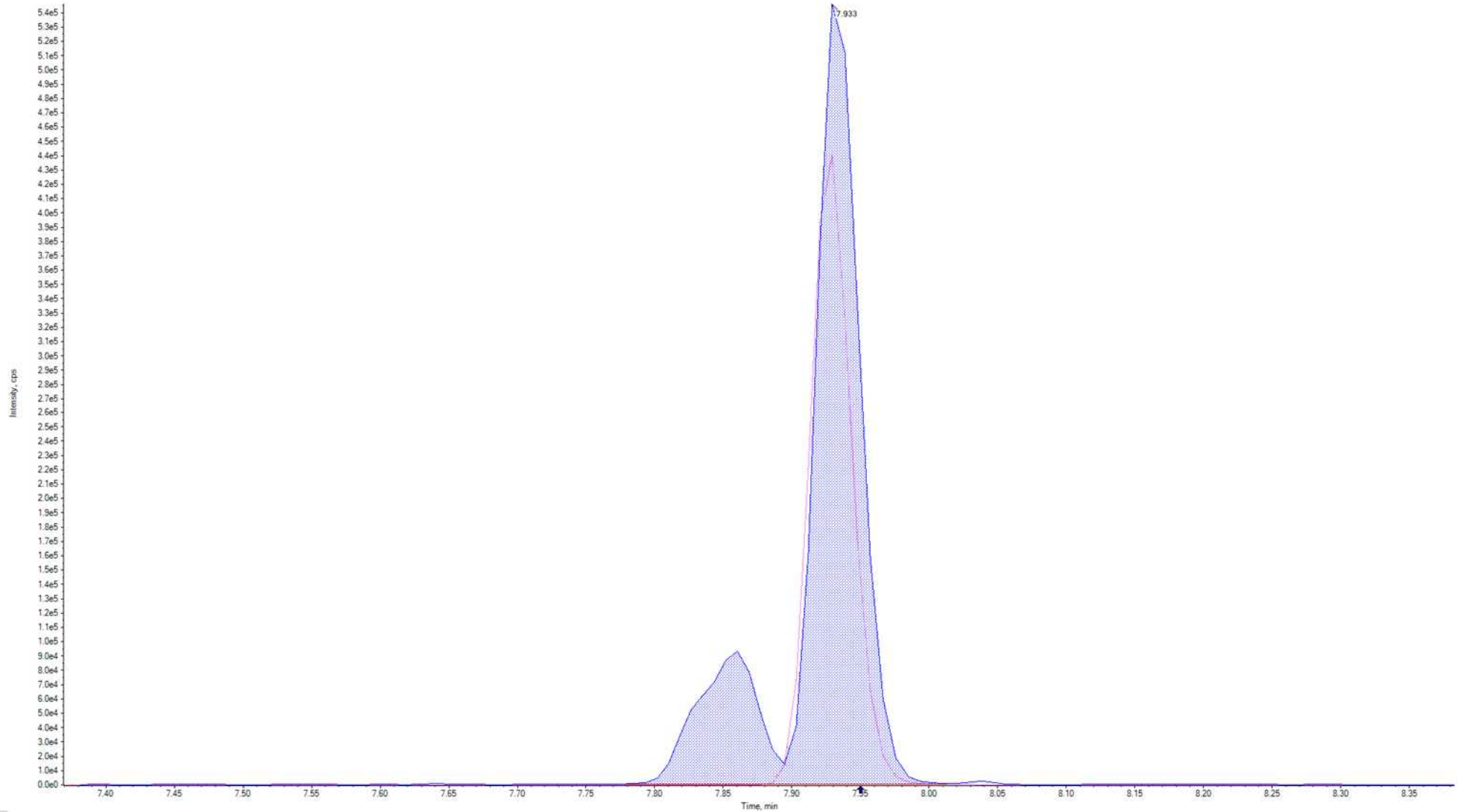
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PFOA_2
Sample: WG1972379-8,1633MED S/N:2053444.0 Points Across peak:152



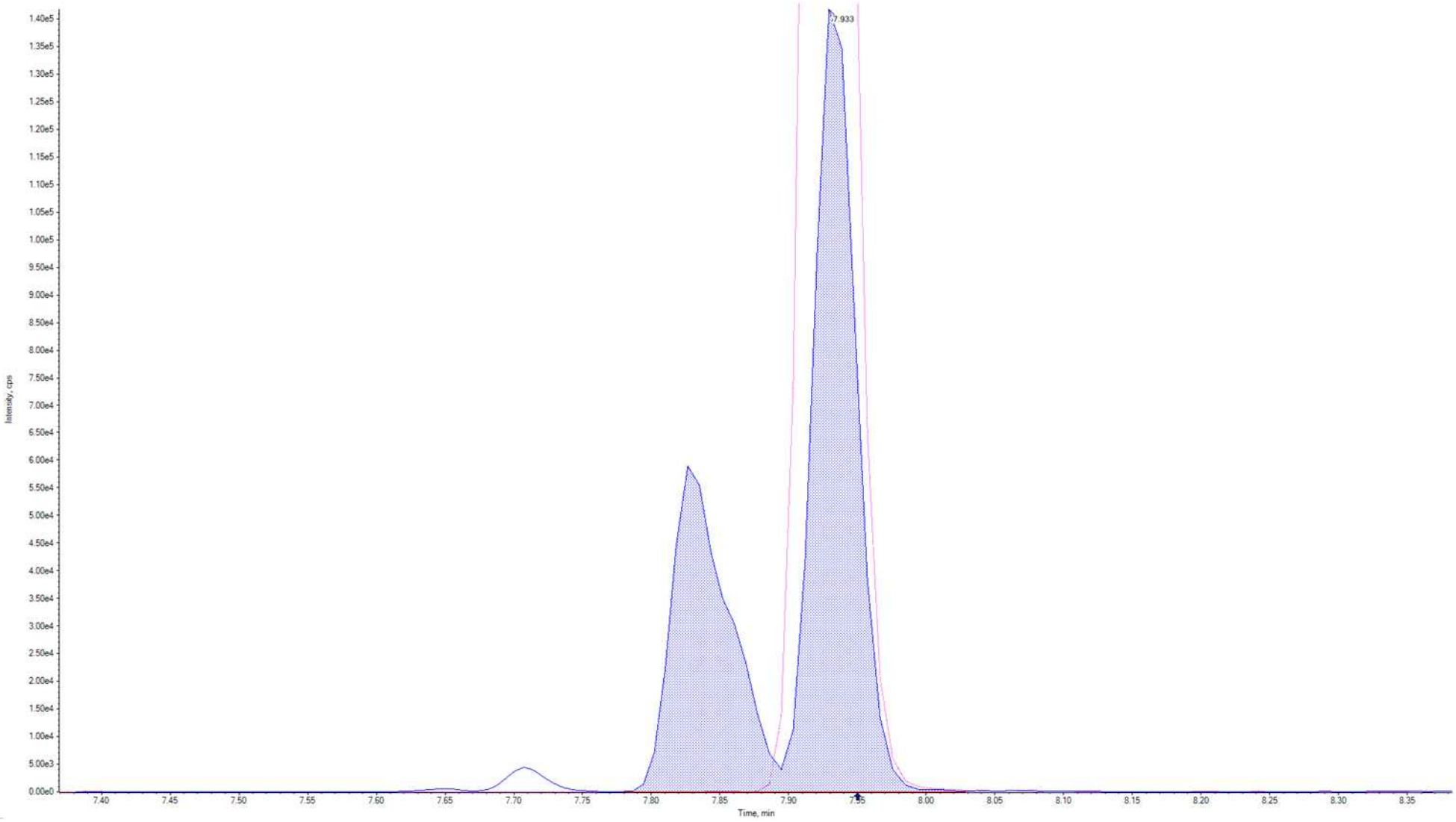
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PFNA
Sample: WG1972379-8,1633MED S/N:2352.9 Points Across peak:29



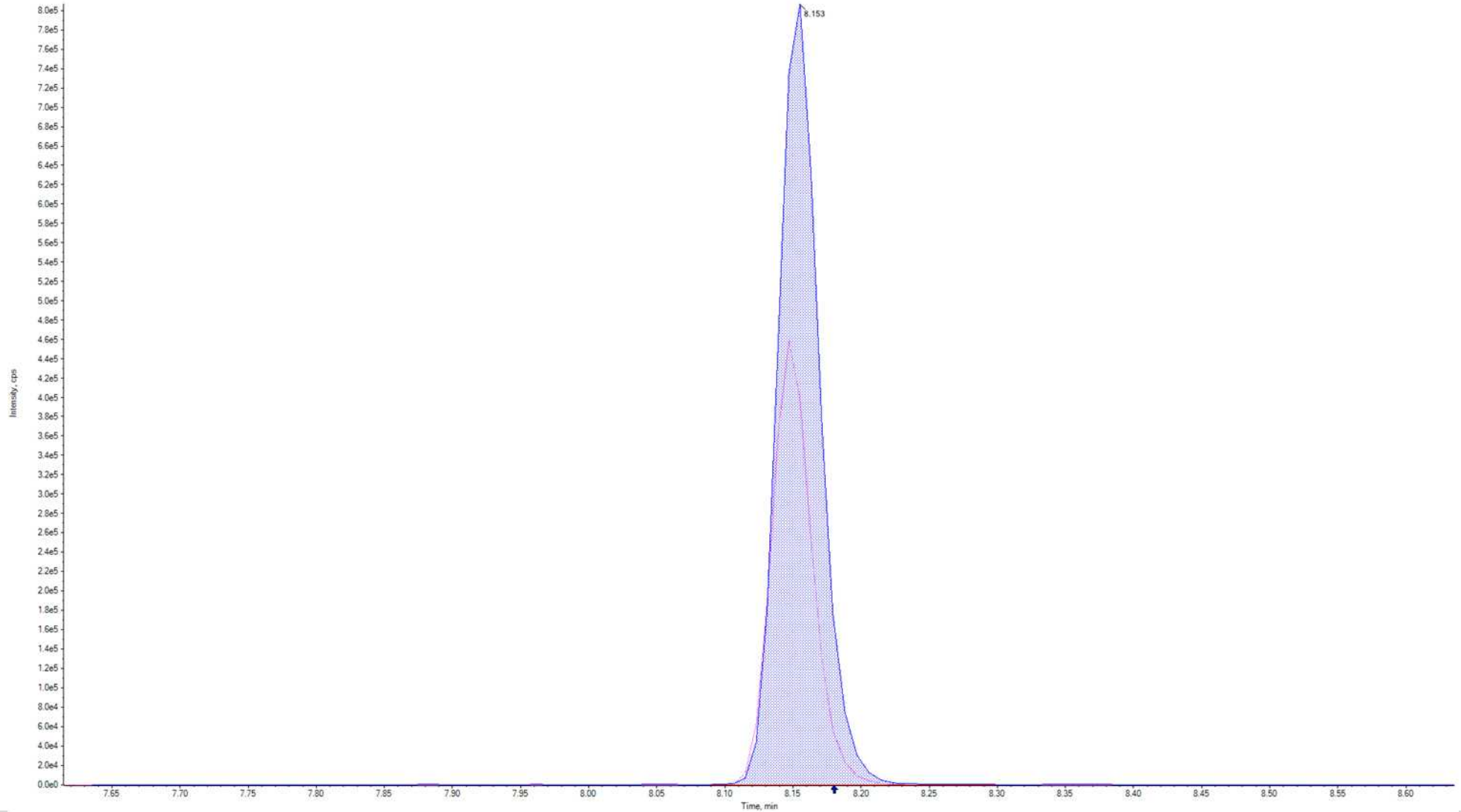
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PFNA_2
Sample: WG1972379-8,1633MED S/N:891.2 Points Across peak:31



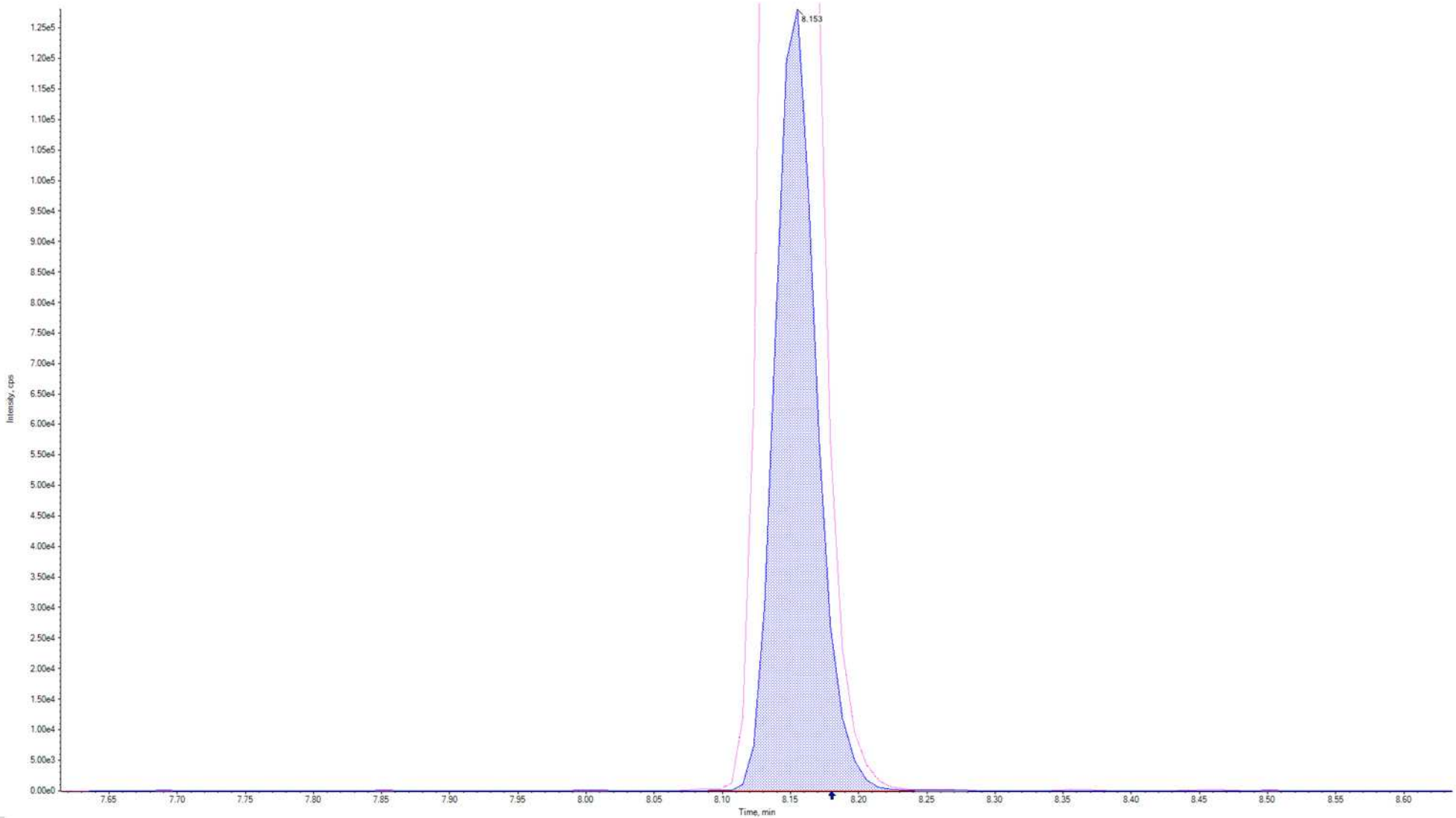
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PFDA
Sample: WG1972379-8,1633MED S/N:3714.6 Points Across peak:28



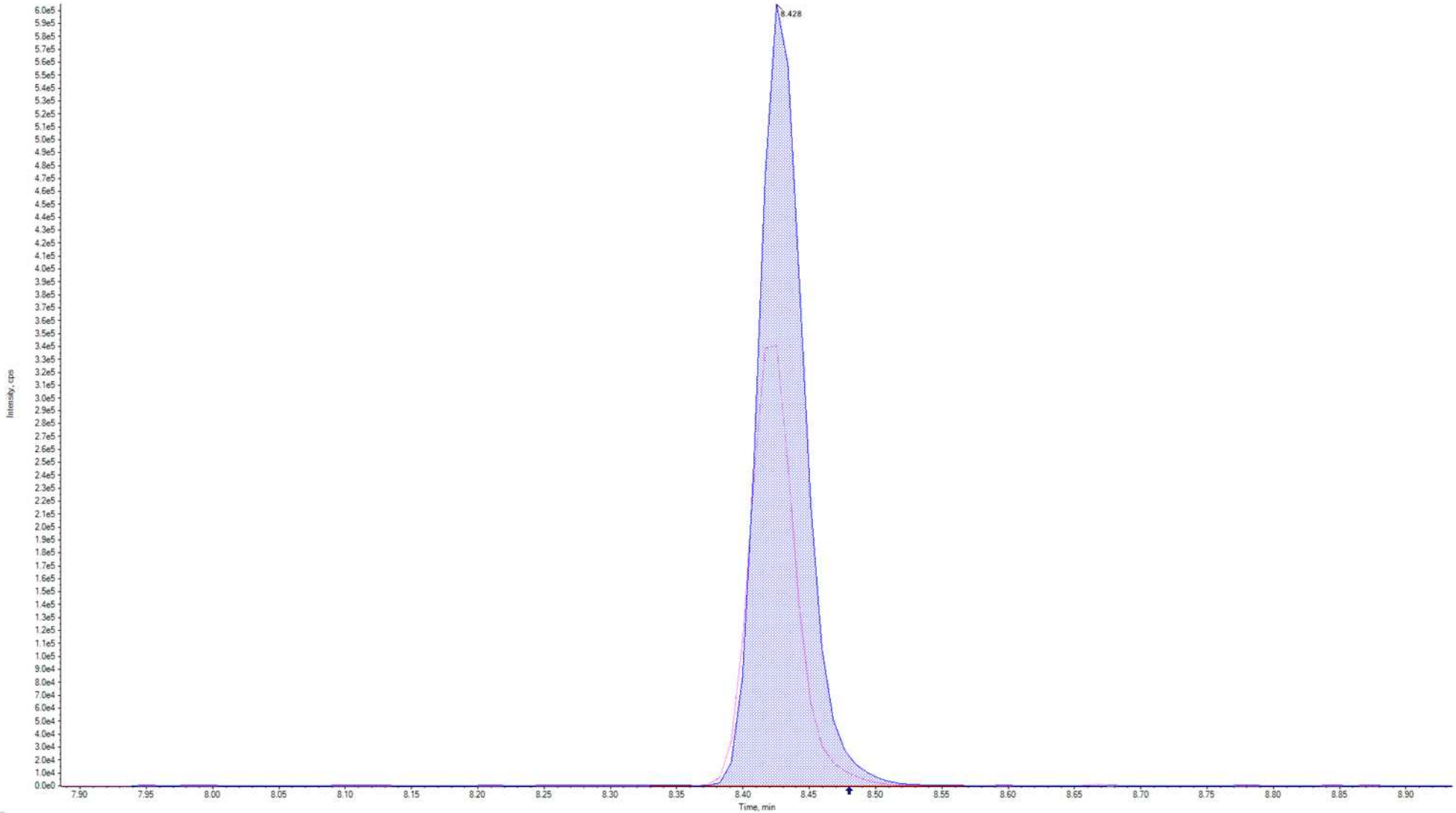
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Generated: 9/17/2024 6:15:27 AM

PFDA_2
Sample: WG1972379-8,1633MED S/N:2158.0 Points Across peak:24



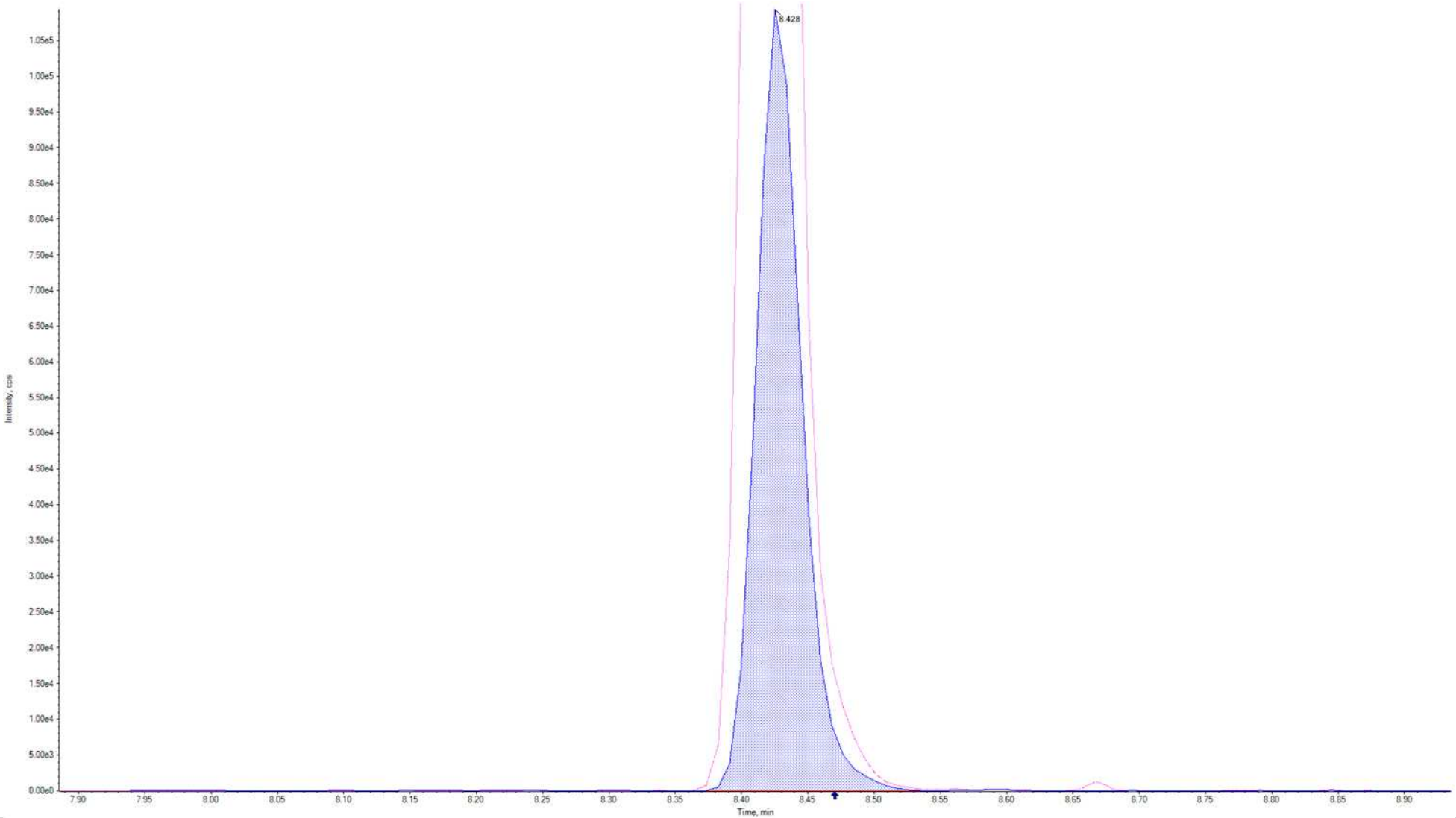
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFUnA
Sample: WG1972379-8,1633MED S/N:3431.8 Points Across peak:31



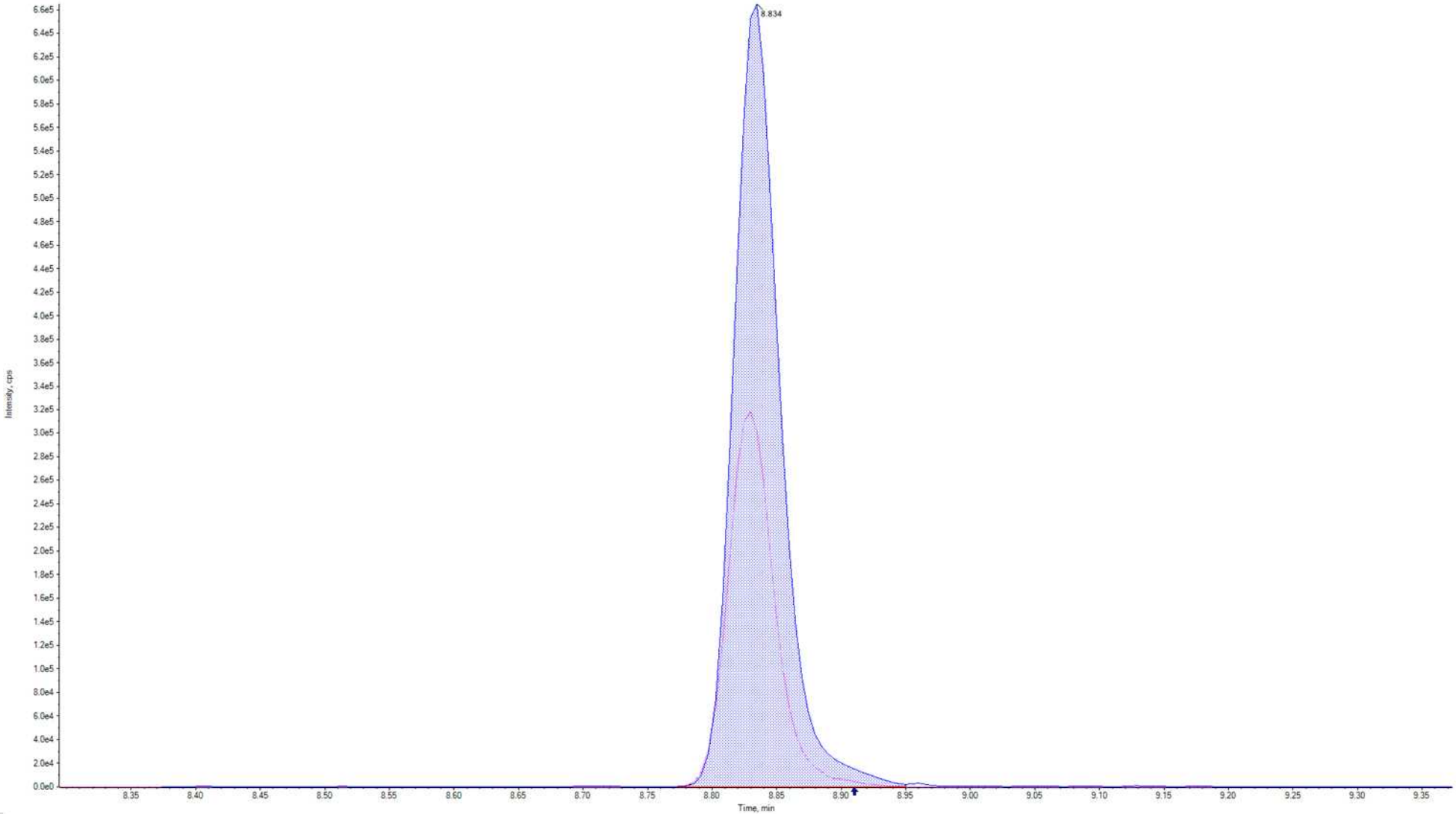
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFUnA_2
Sample: WG1972379-8,1633MED S/N:2222.2 Points Across peak:24



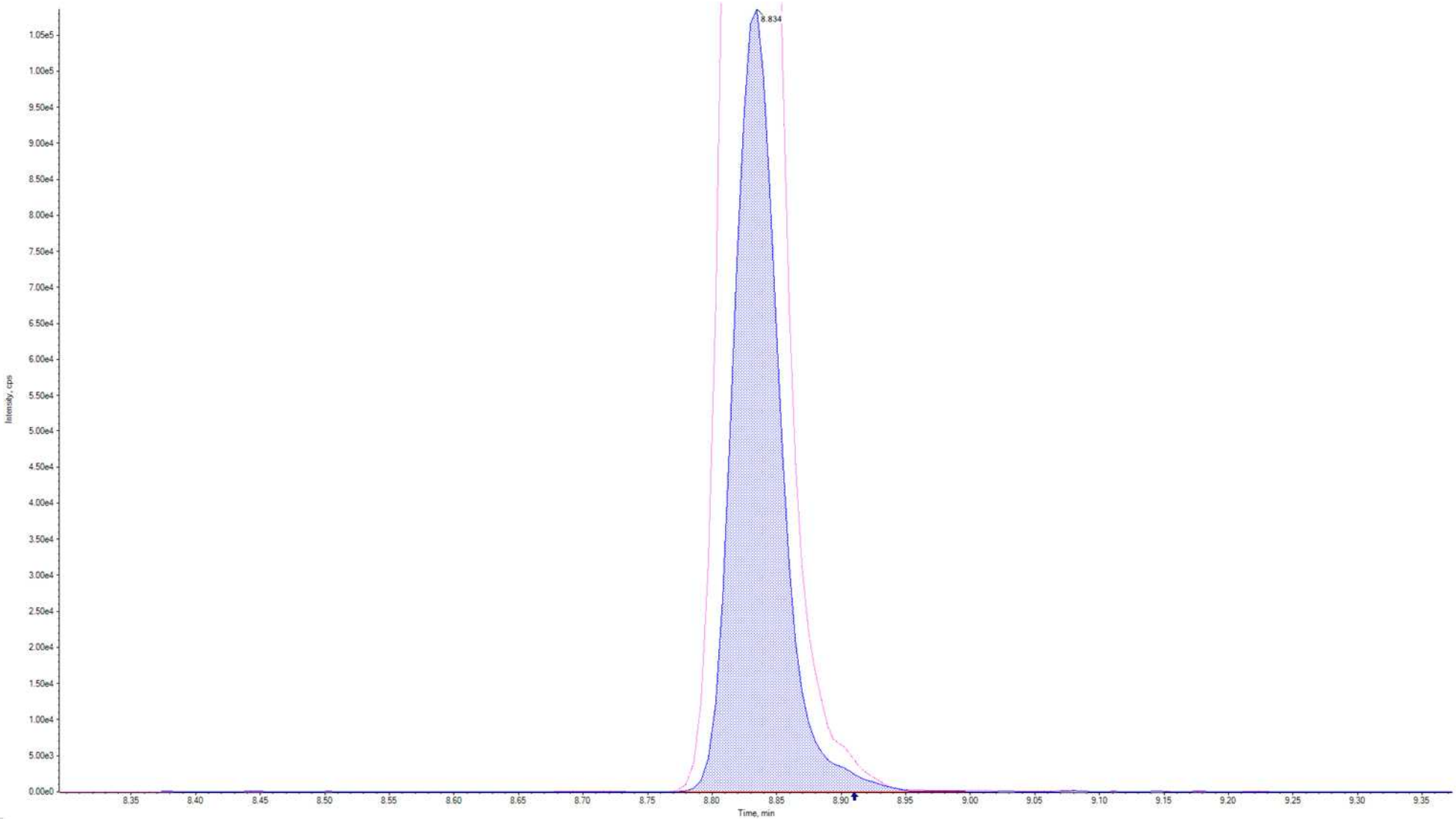
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFDoA
Sample: WG1972379-8,1633MED S/N:5161.9 Points Across peak:38



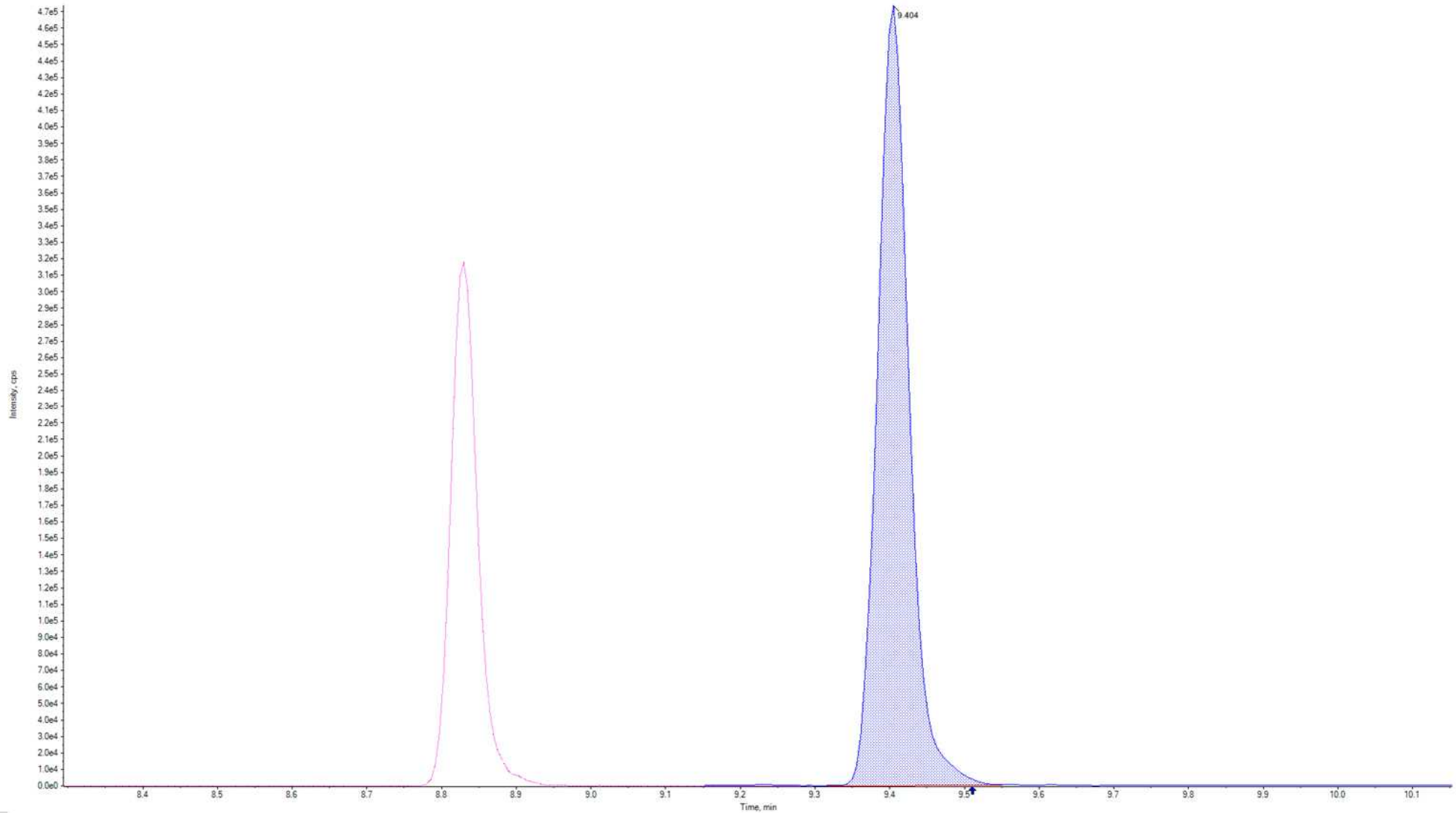
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFDoA_2
Sample: WG1972379-8,1633MED S/N:28478.0 Points Across peak:49



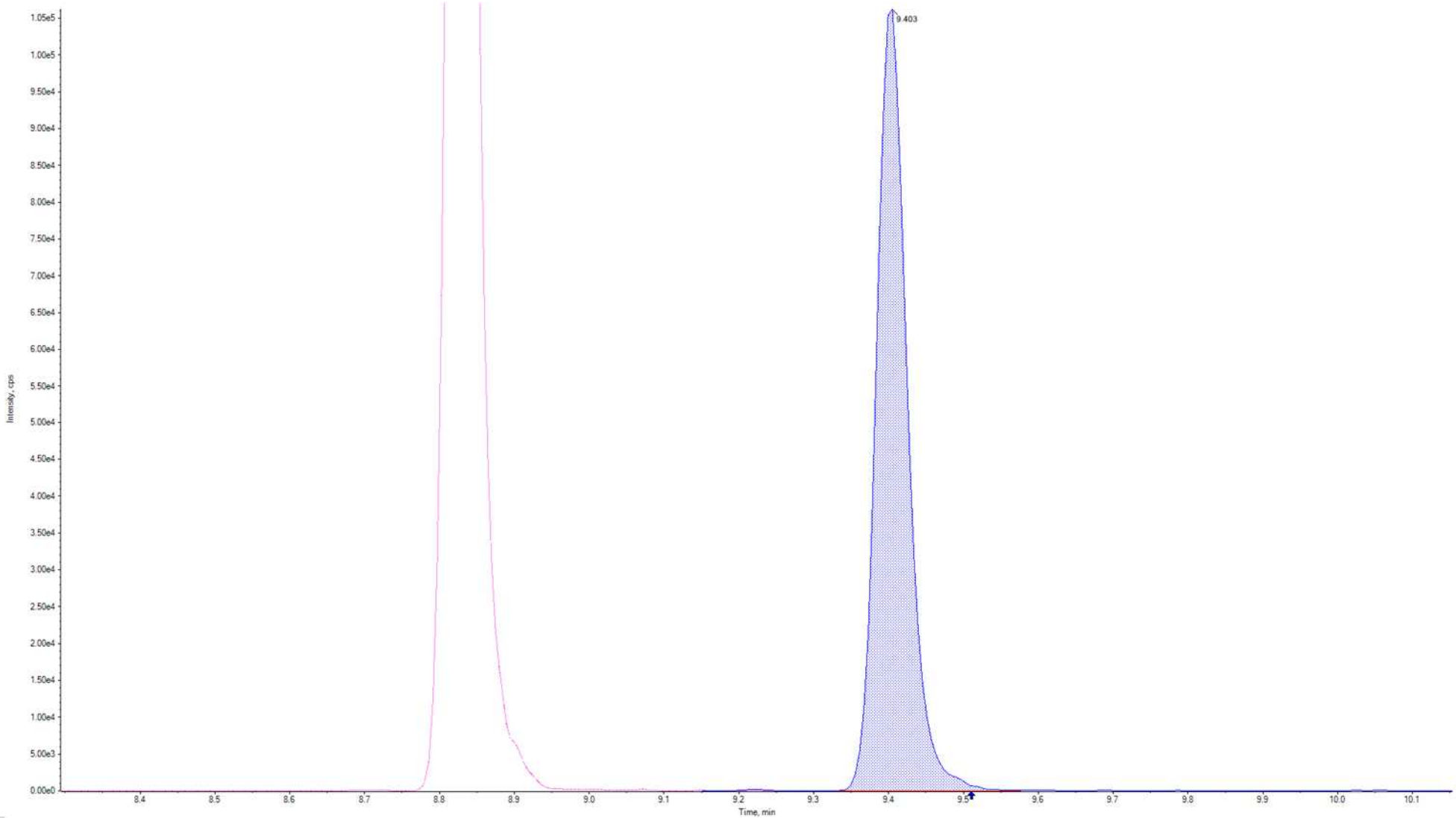
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFTrDA
Sample: WG1972379-8,1633MED S/N:3044.6 Points Across peak:44



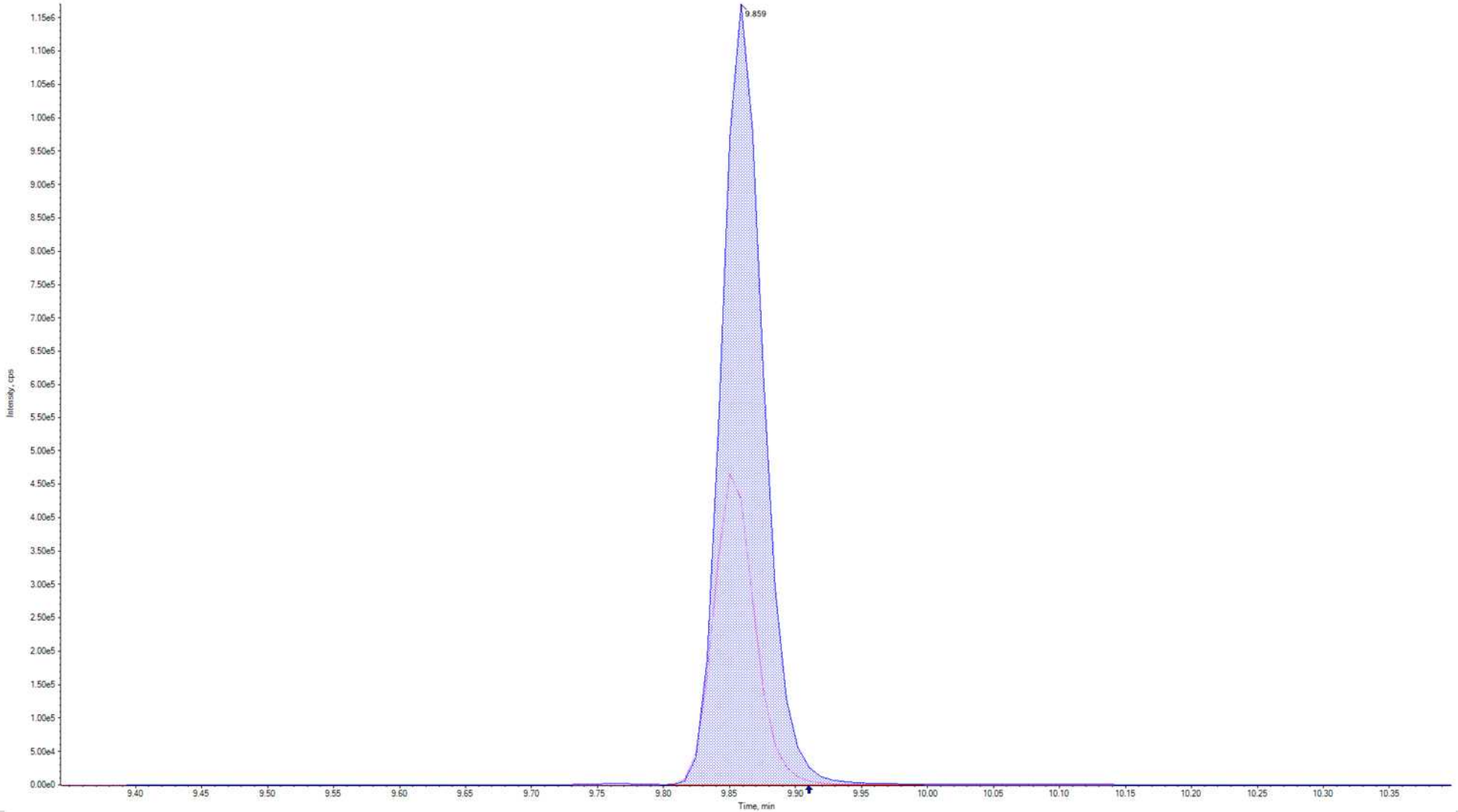
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFTrDA_2
Sample: WG1972379-8,1633MED S/N:36087.6 Points Across peak:48



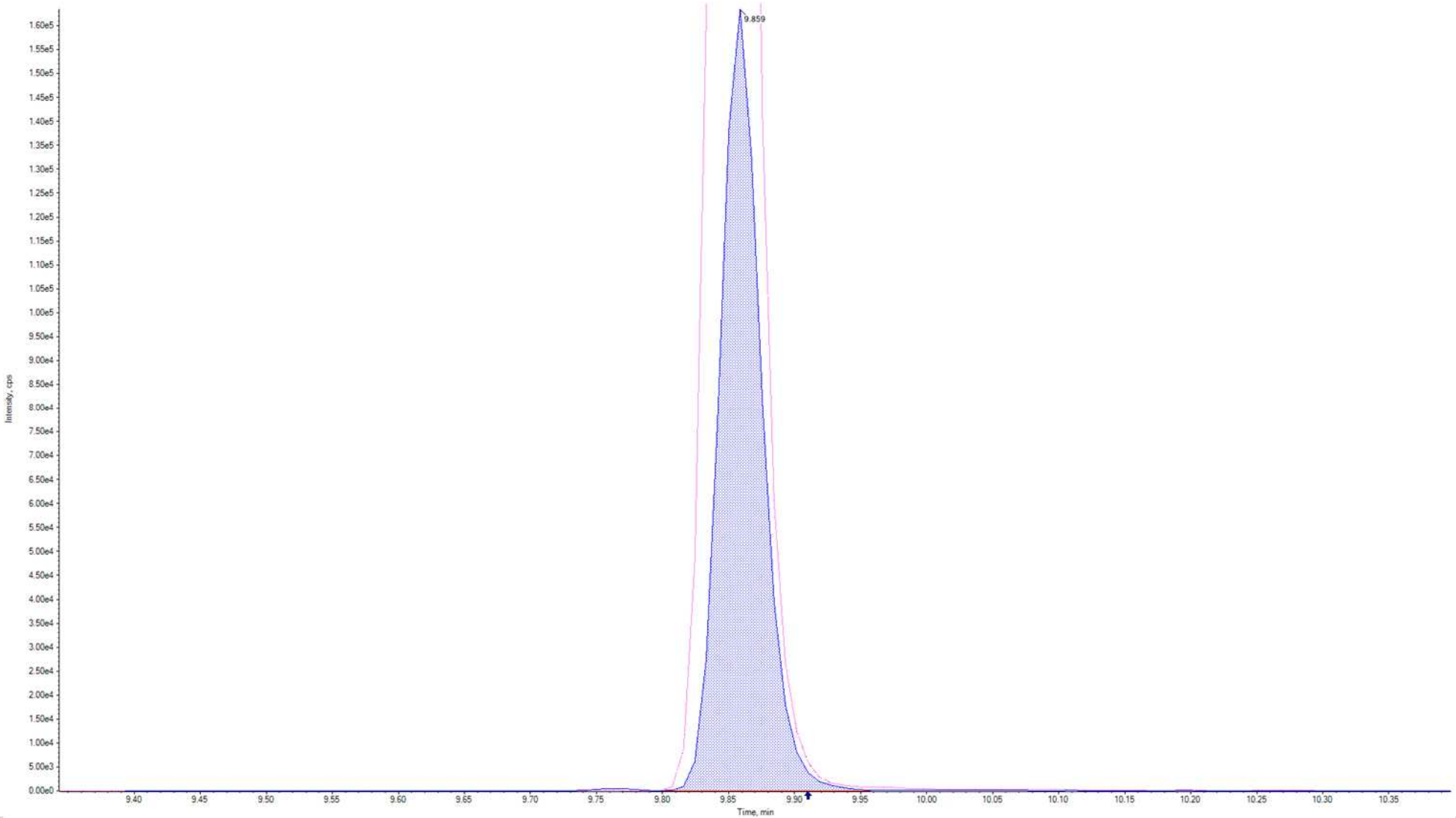
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFTeDA
Sample: WG1972379-8,1633MED S/N:3655.6 Points Across peak:23



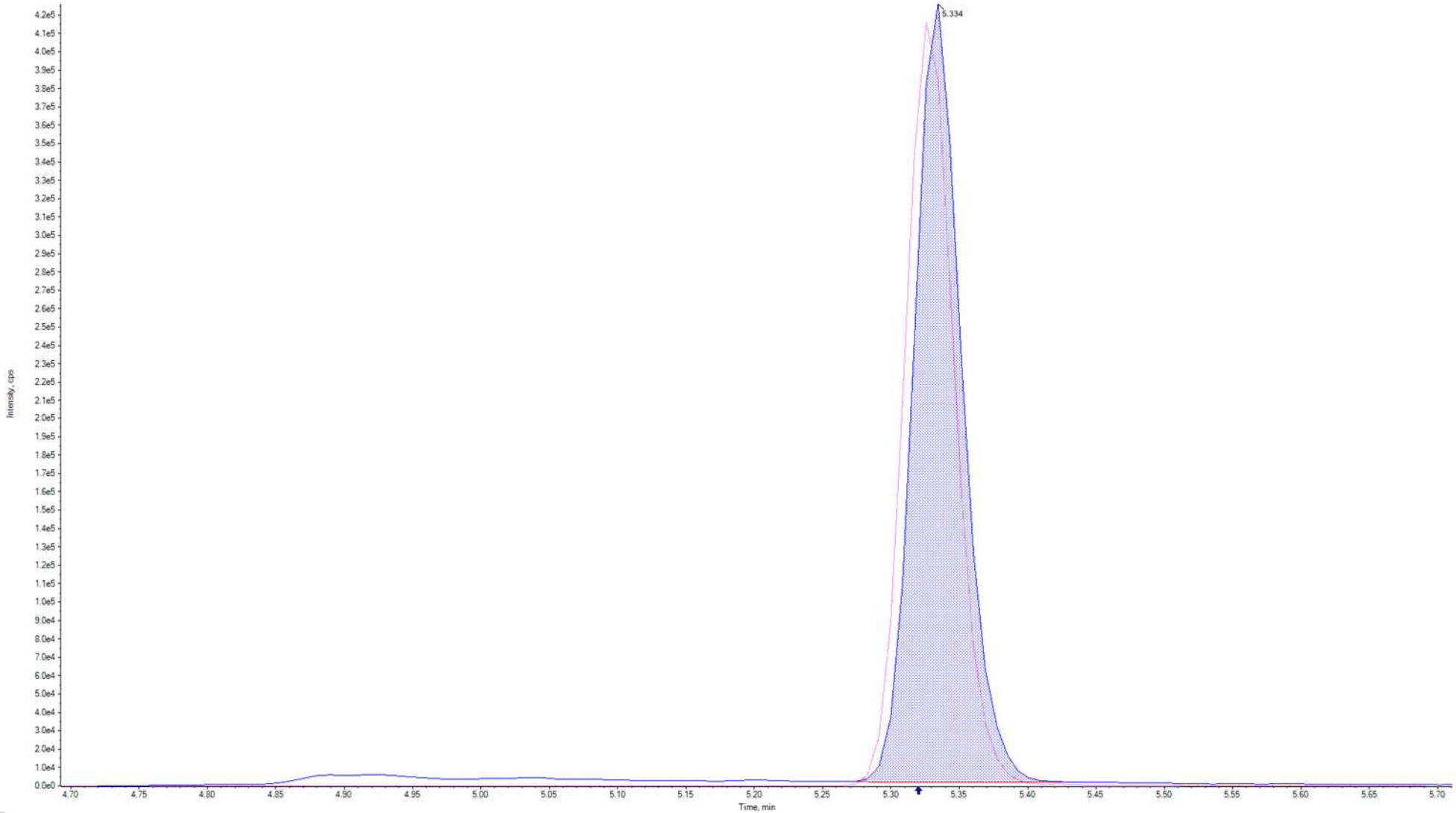
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFTeDA_2
Sample: WG1972379-8,1633MED S/N:2249.4 Points Across peak:19



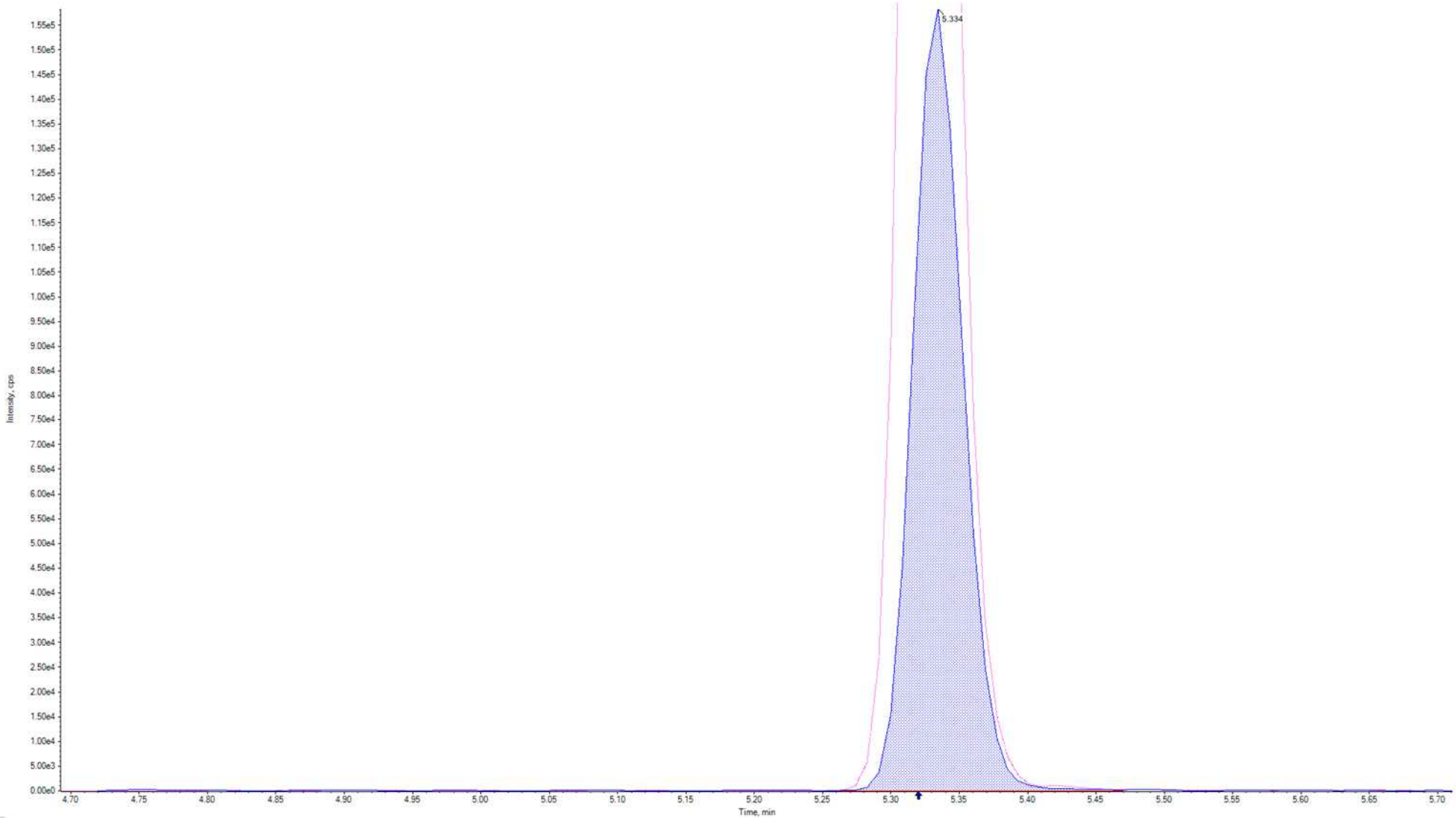
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFBS
Sample: WG1972379-8,1633MED S/N:74.9 Points Across peak:24



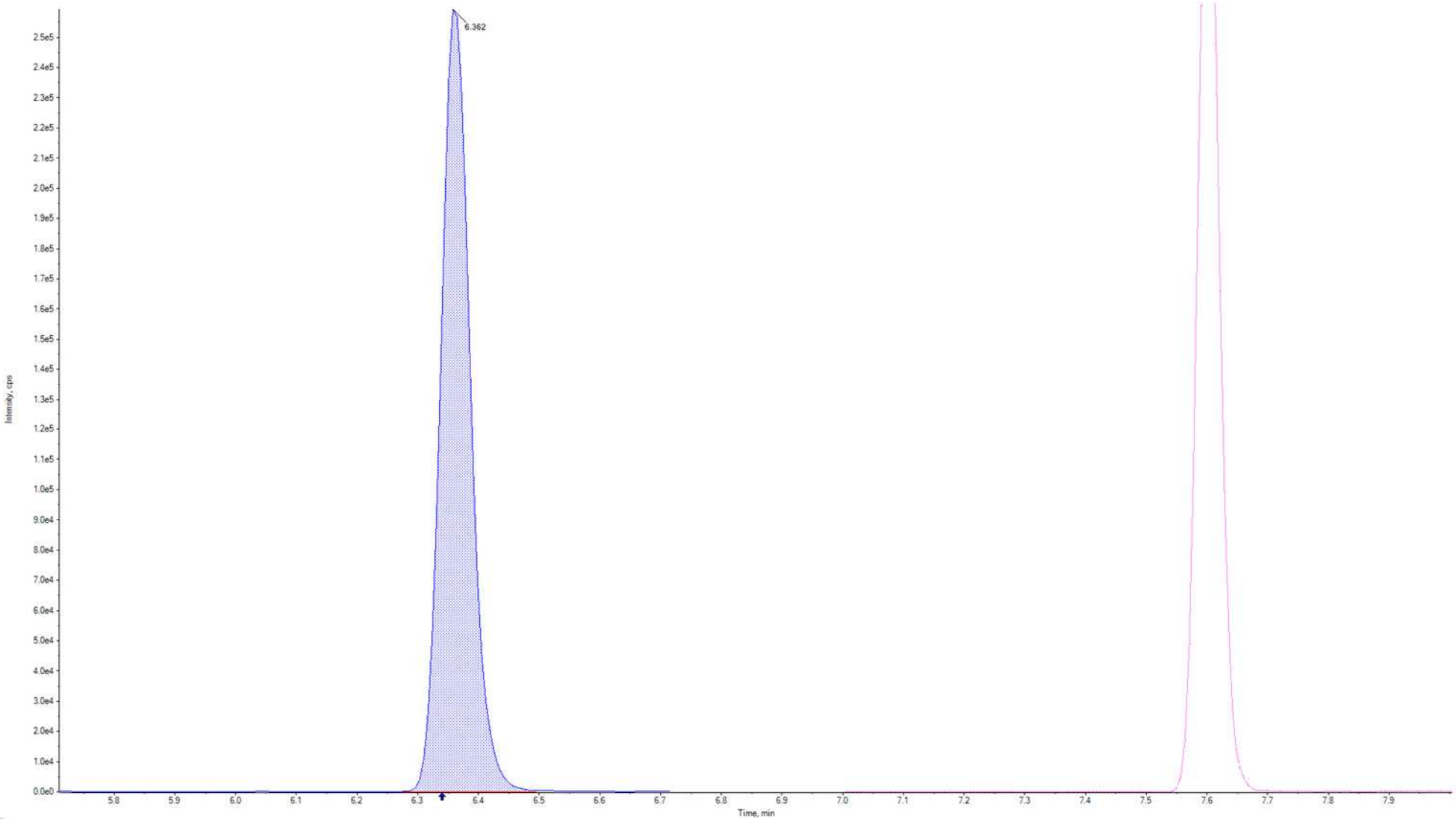
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 9/17/2024 6:15:27 AM

PFBS_2
Sample: WG1972379-8,1633MED S/N:3057.0 Points Across peak:27



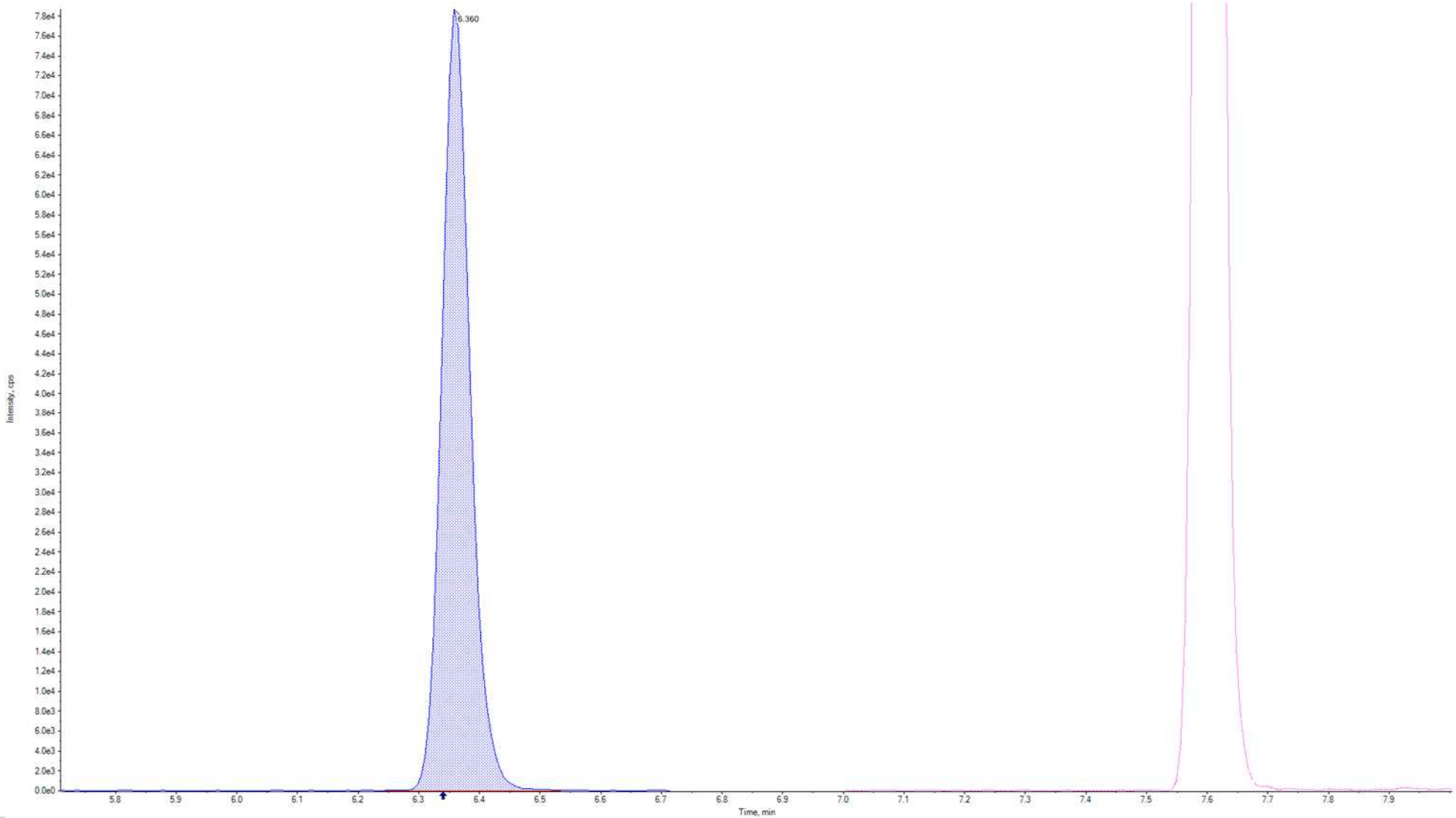
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFPeS
Sample: WG1972379-8,1633MED S/N:4672.6 Points Across peak:37



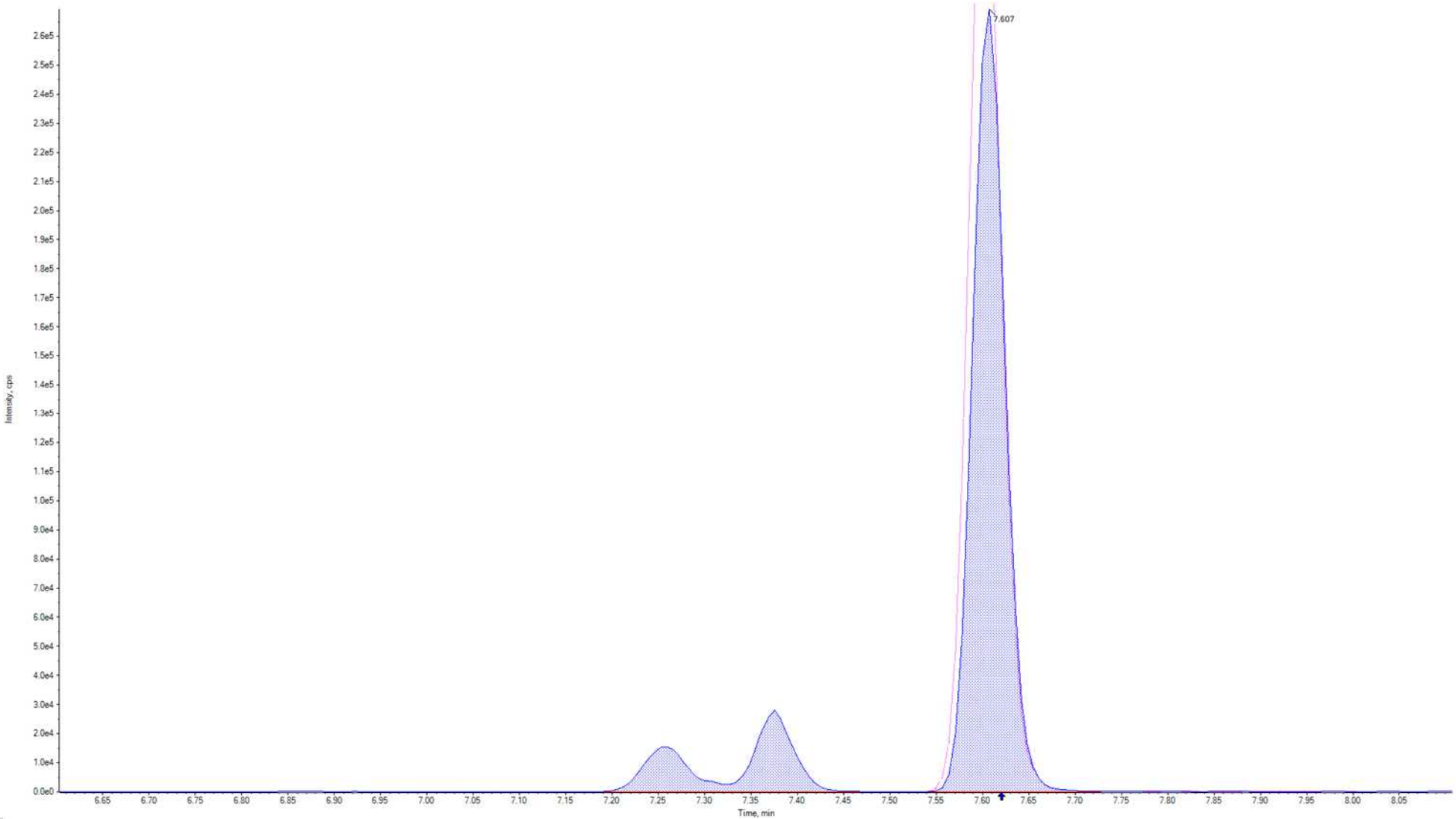
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFPeS_2
Sample: WG1972379-8,1633MED S/N:9350.8 Points Across peak:47



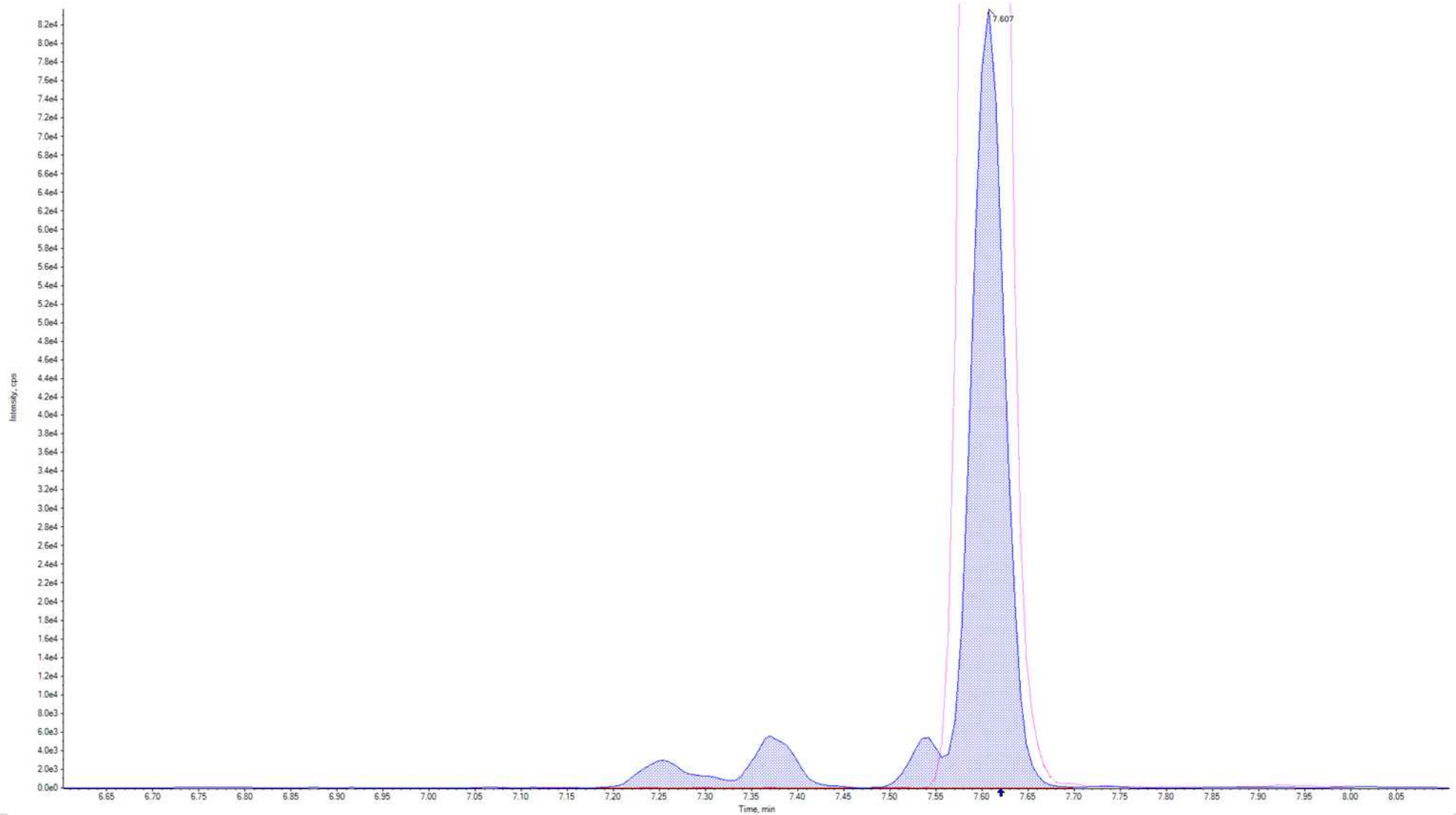
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFHxS
Sample: WG1972379-8,1633MED S/N:49756.0 Points Across peak:89



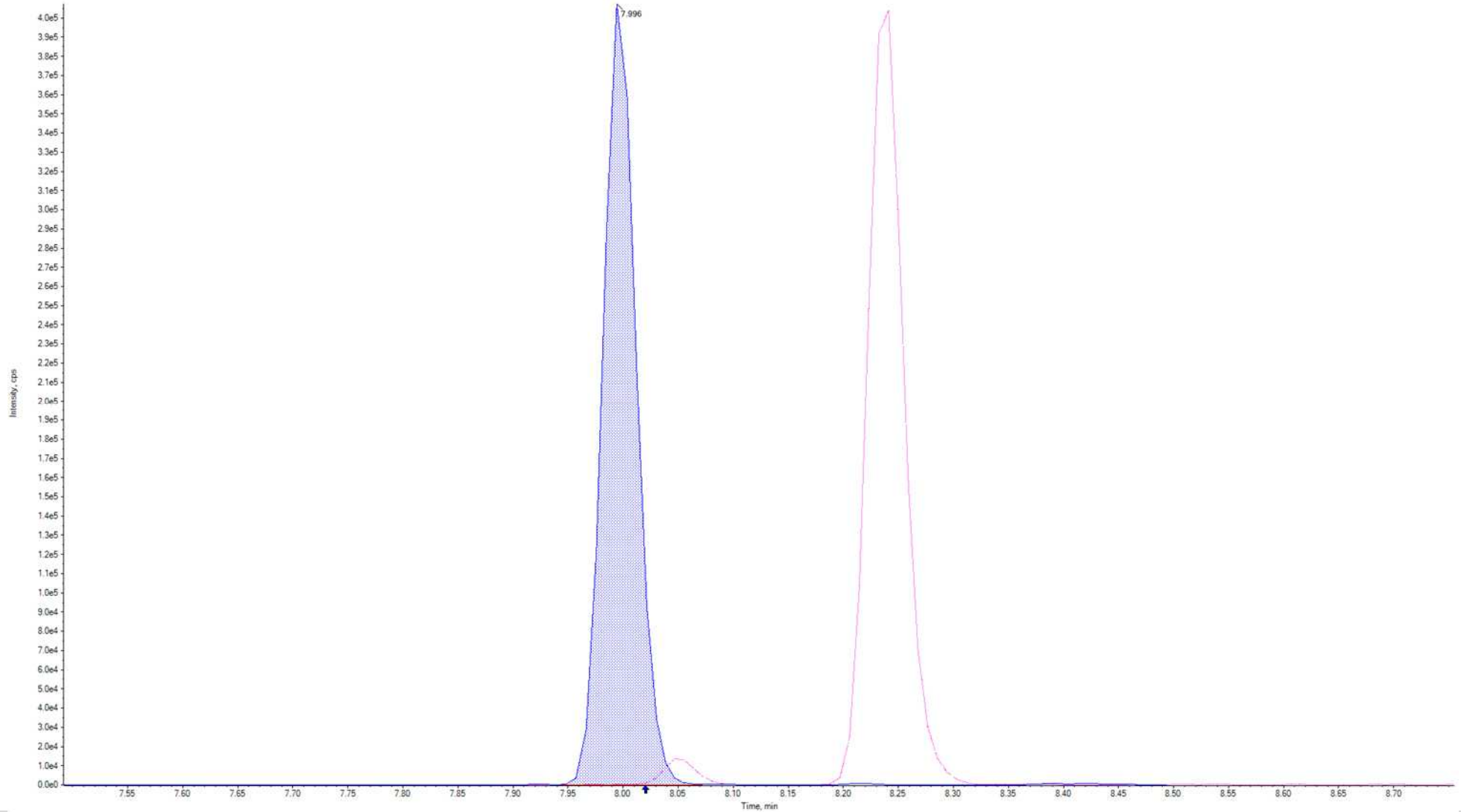
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFHxS_2
Sample: WG1972379-8,1633MED S/N:1839.6 Points Across peak:85



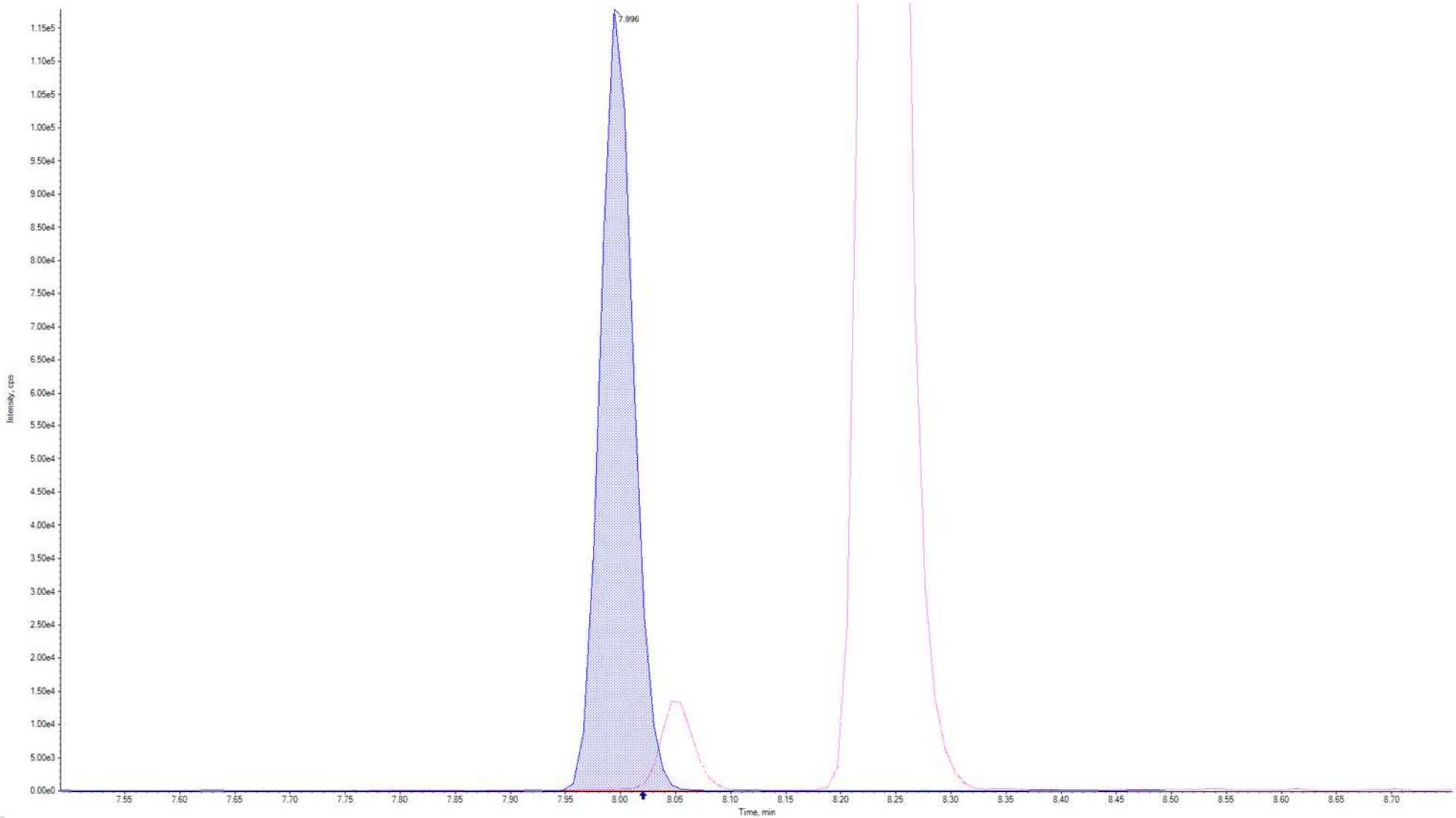
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFHpS
Sample: WG1972379-8,1633MED S/N:182562.8 Points Across peak:16



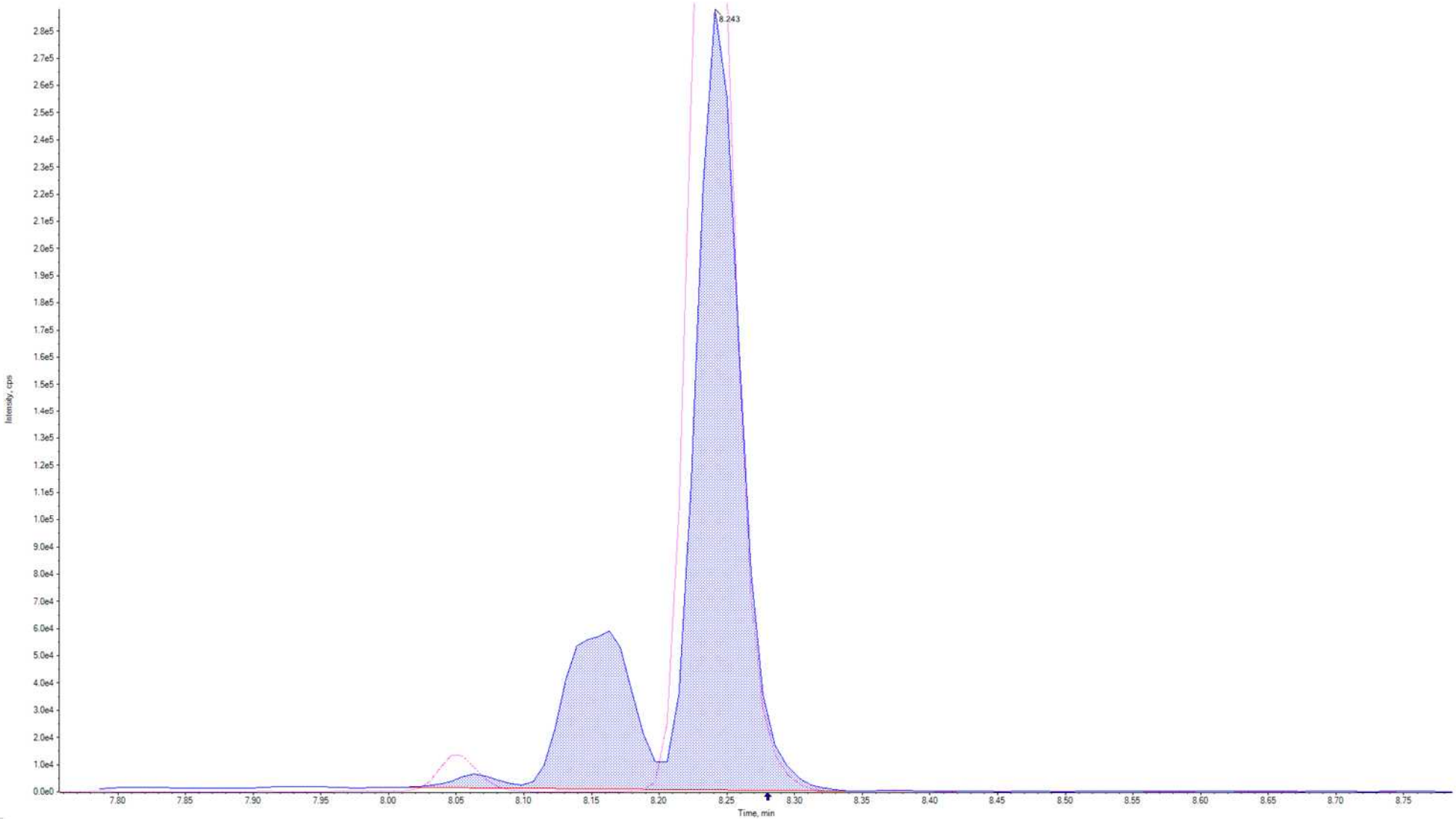
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFHpS_2
Sample: WG1972379-8,1633MED S/N:2358.0 Points Across peak:18



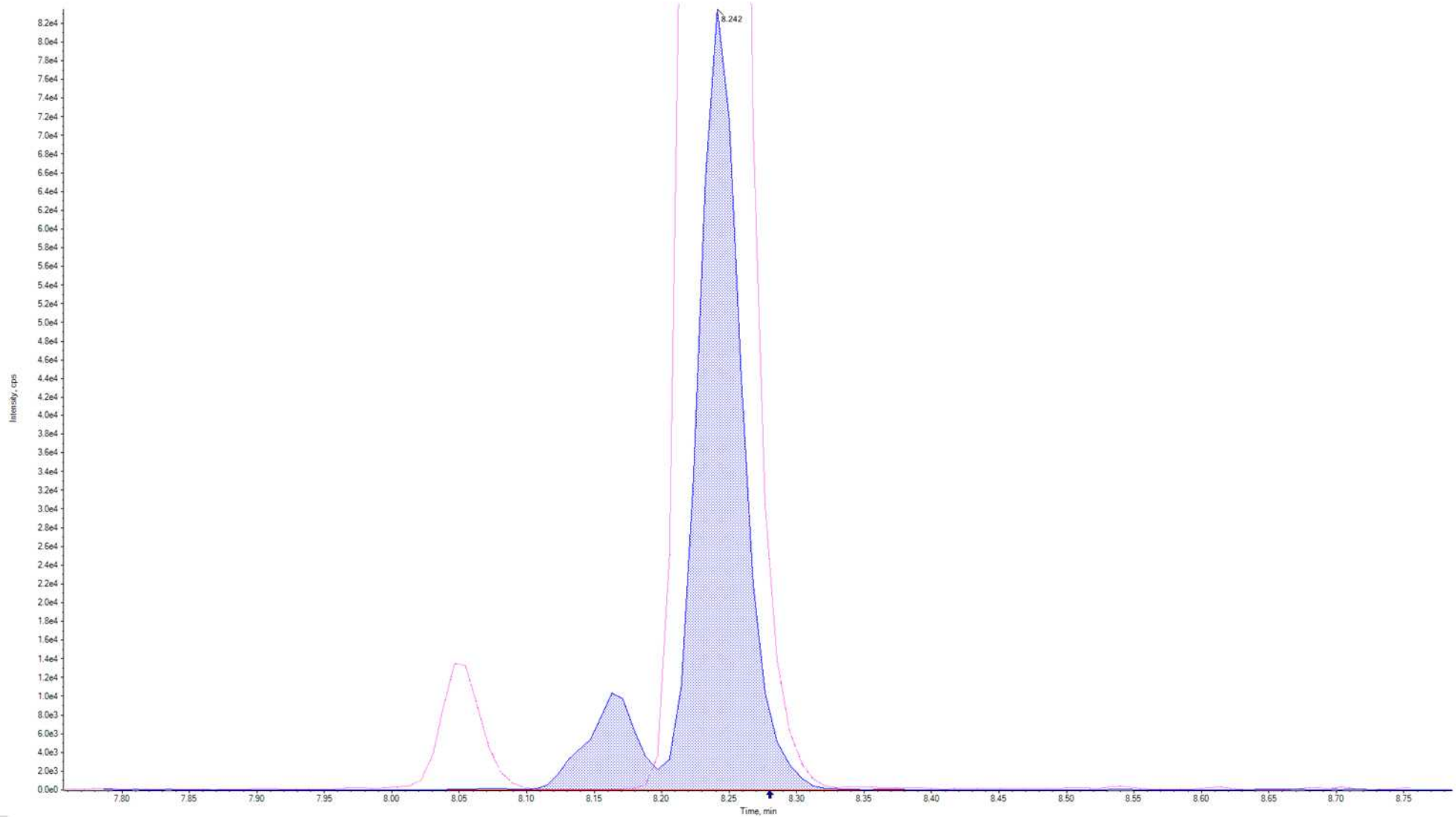
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFOS
Sample: WG1972379-8,1633MED S/N:1457.7 Points Across peak:40



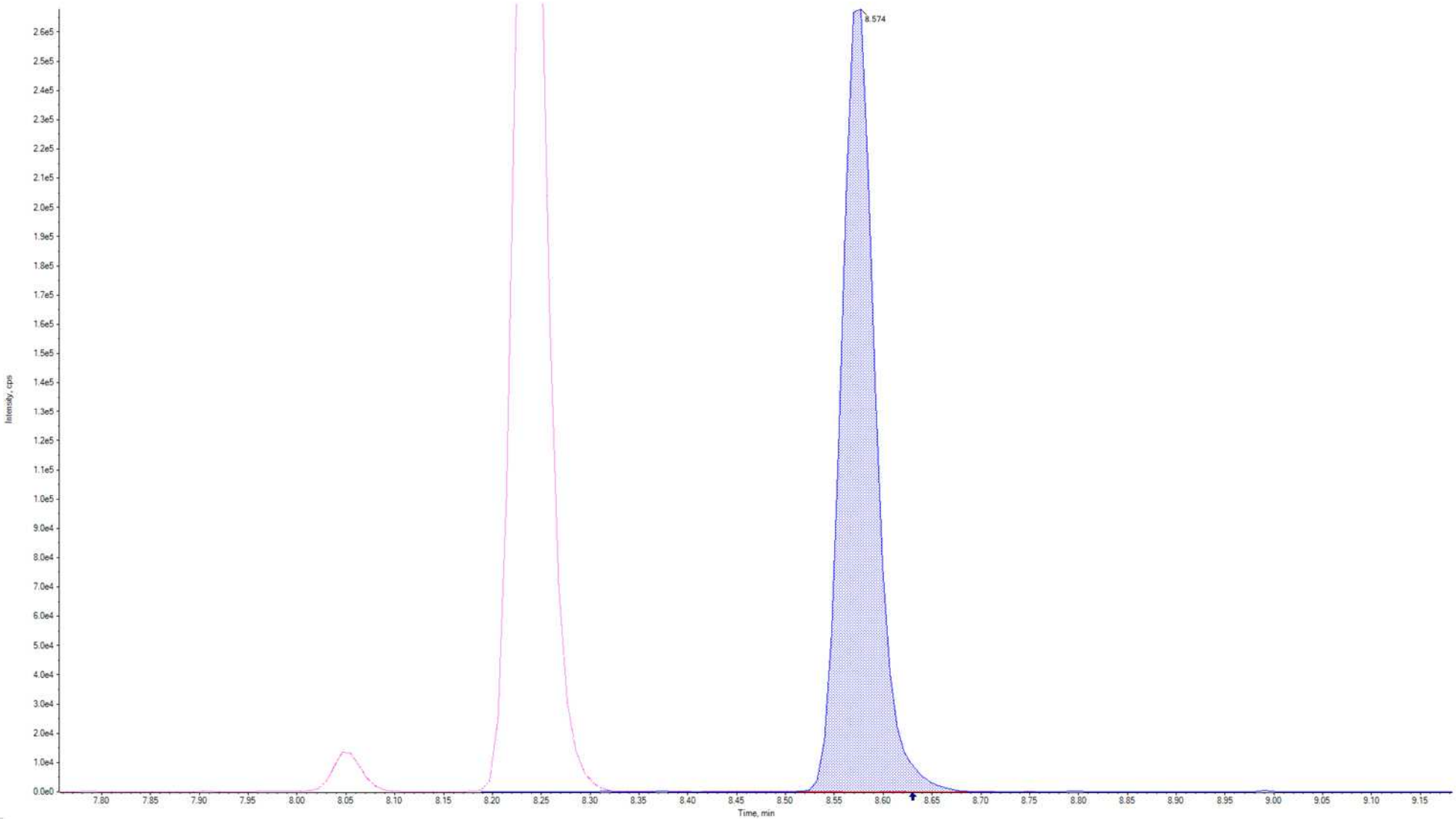
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
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PFOS_2
Sample: WG1972379-8,1633MED S/N:1359.7 Points Across peak:49



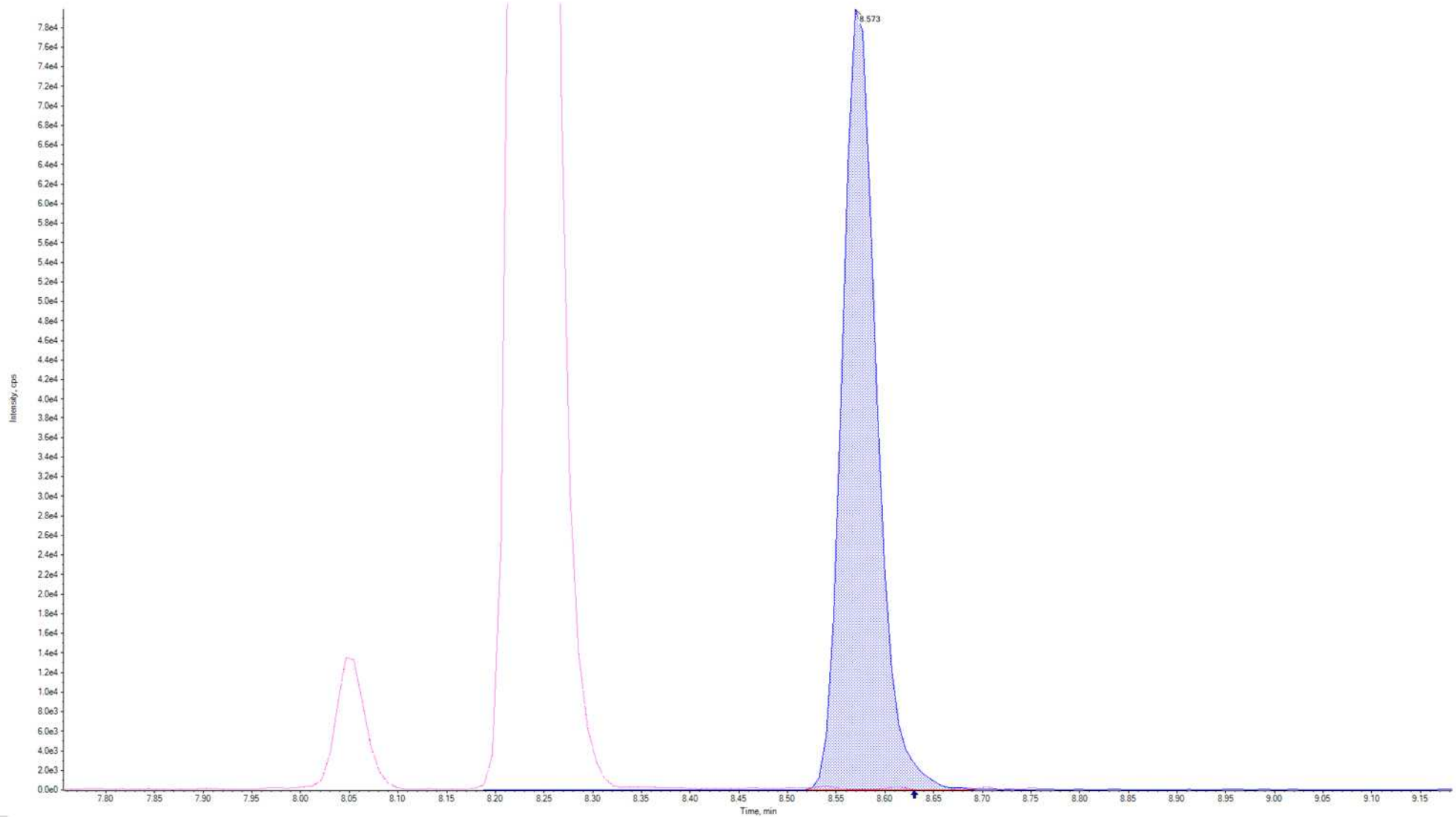
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFNS
Sample: WG1972379-8,1633MED S/N:44415.4 Points Across peak:35



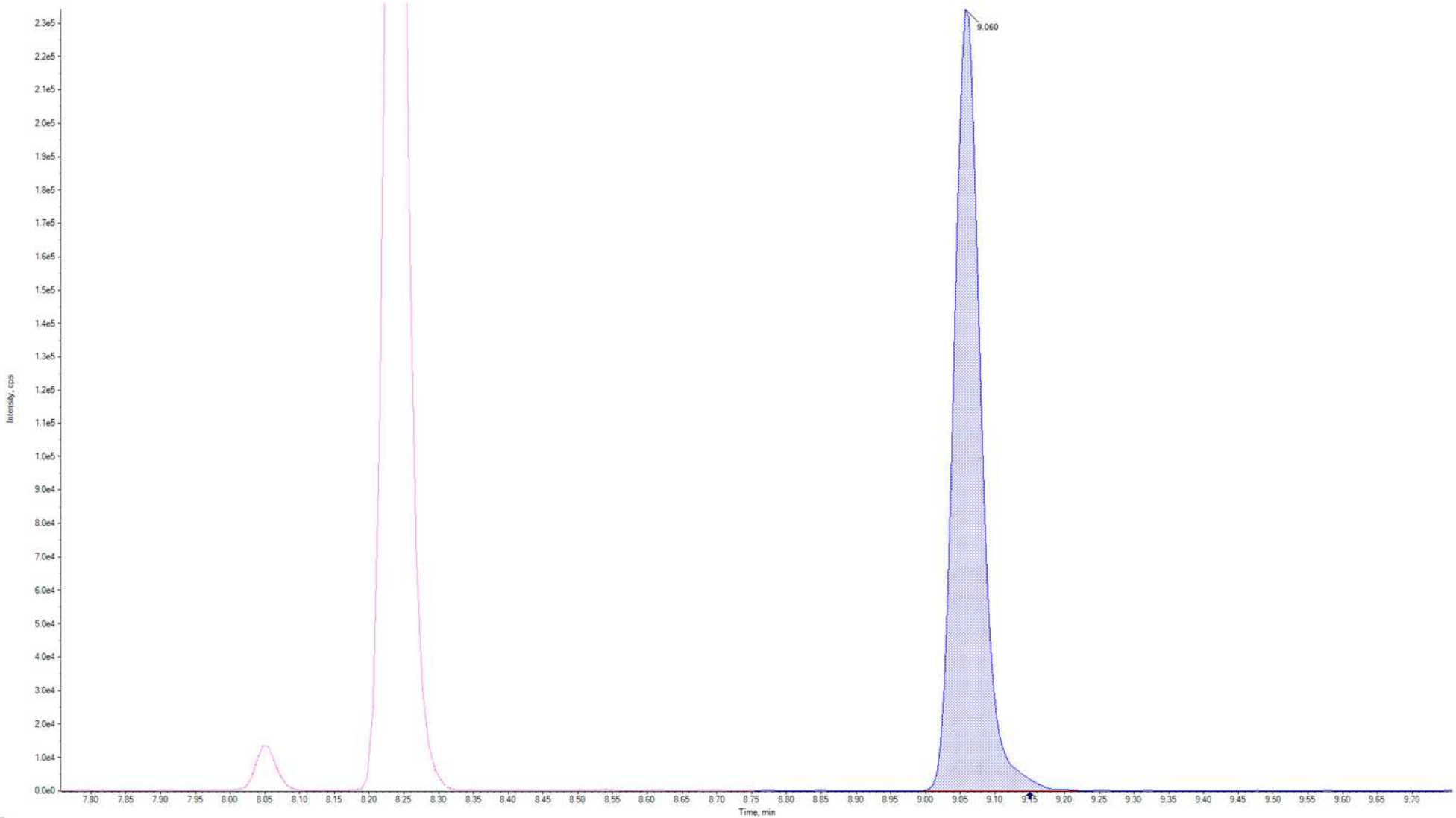
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFNS_2
Sample: WG1972379-8,1633MED S/N:129475.4 Points Across peak:27



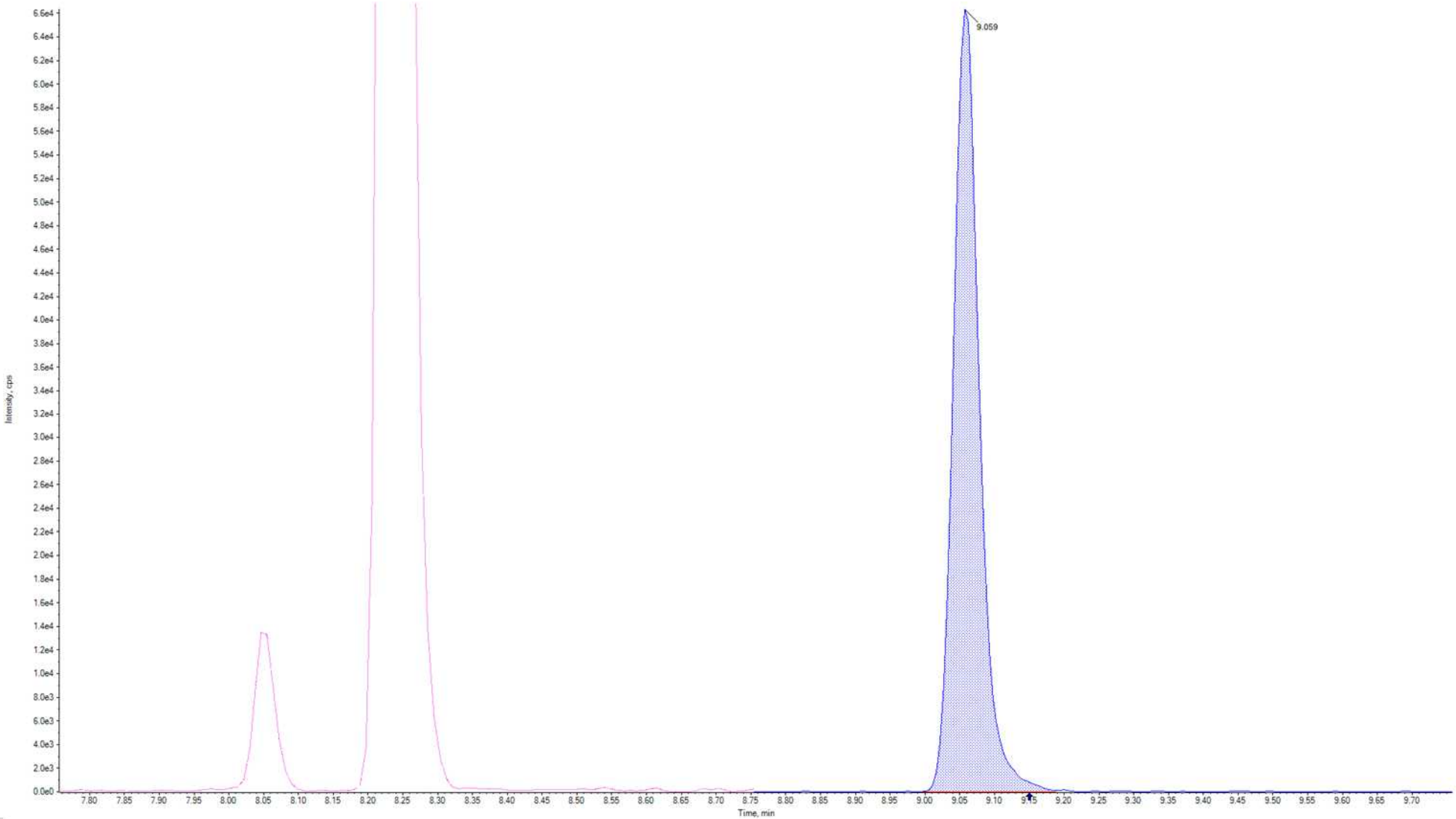
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFDS
Sample: WG1972379-8,1633MED S/N:6907.0 Points Across peak:48



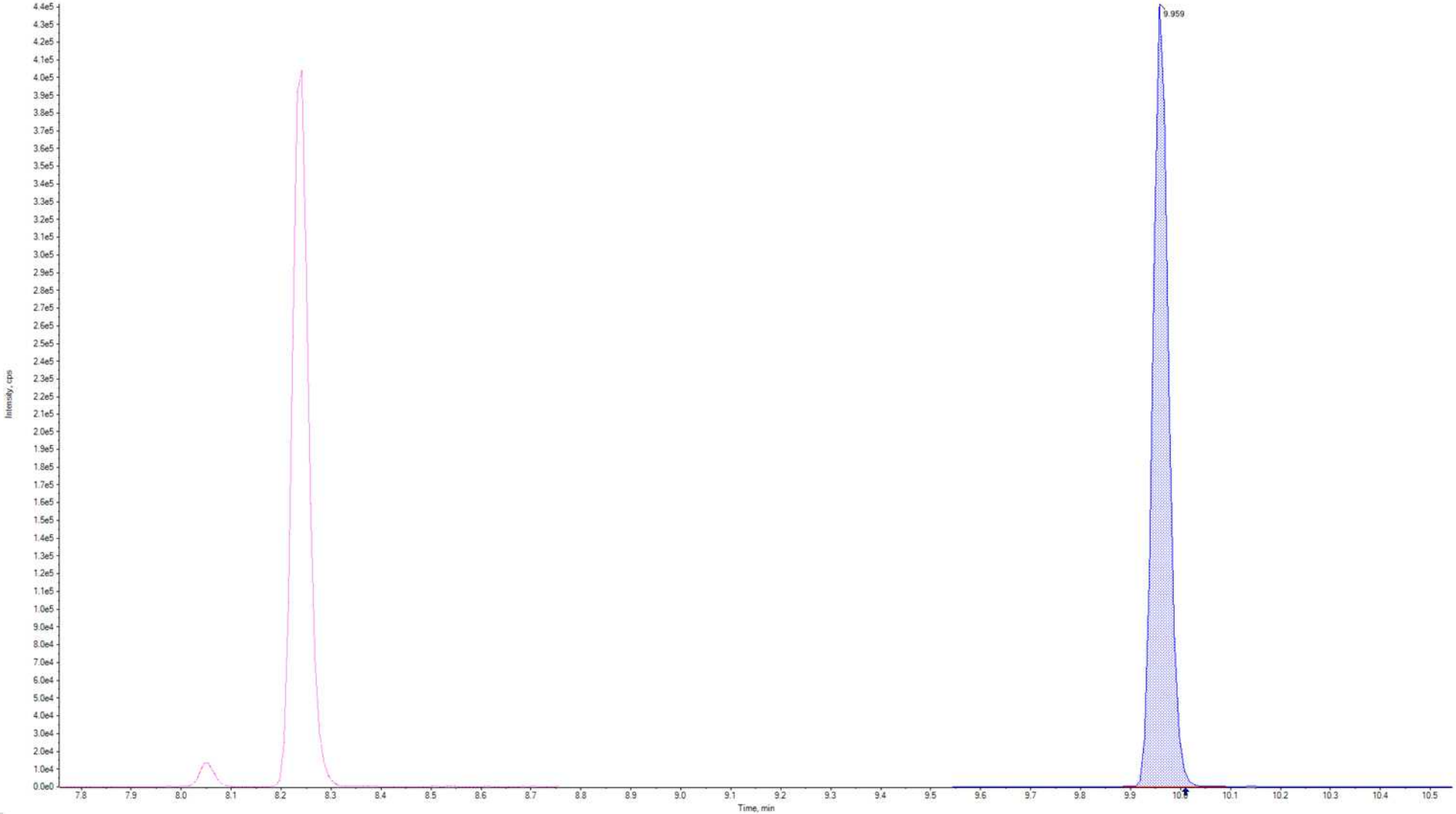
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFDS_2
Sample: WG1972379-8,1633MED S/N:3024.8 Points Across peak:40



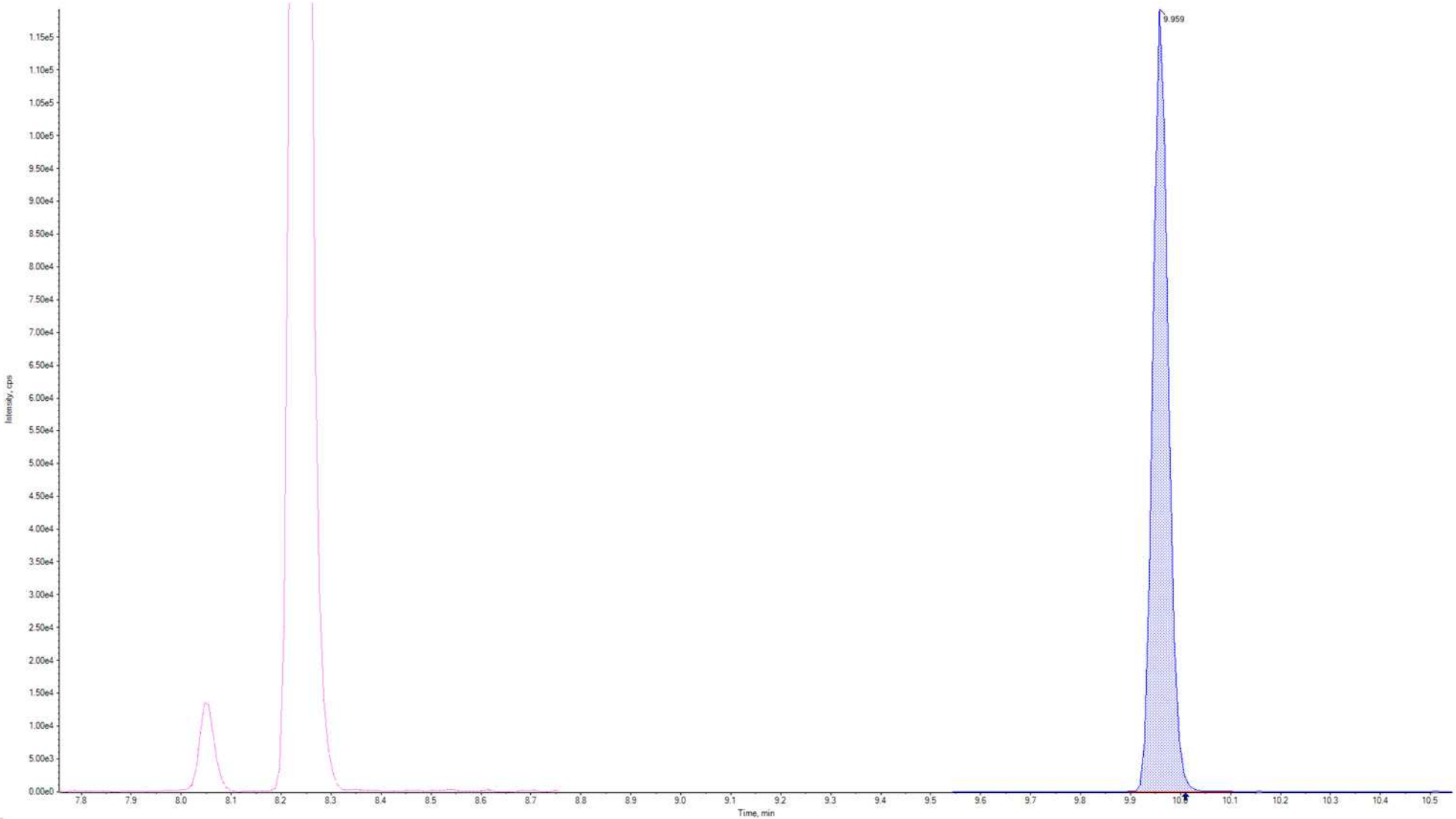
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFDoS
Sample: WG1972379-8,1633MED S/N:31137.9 Points Across peak:33



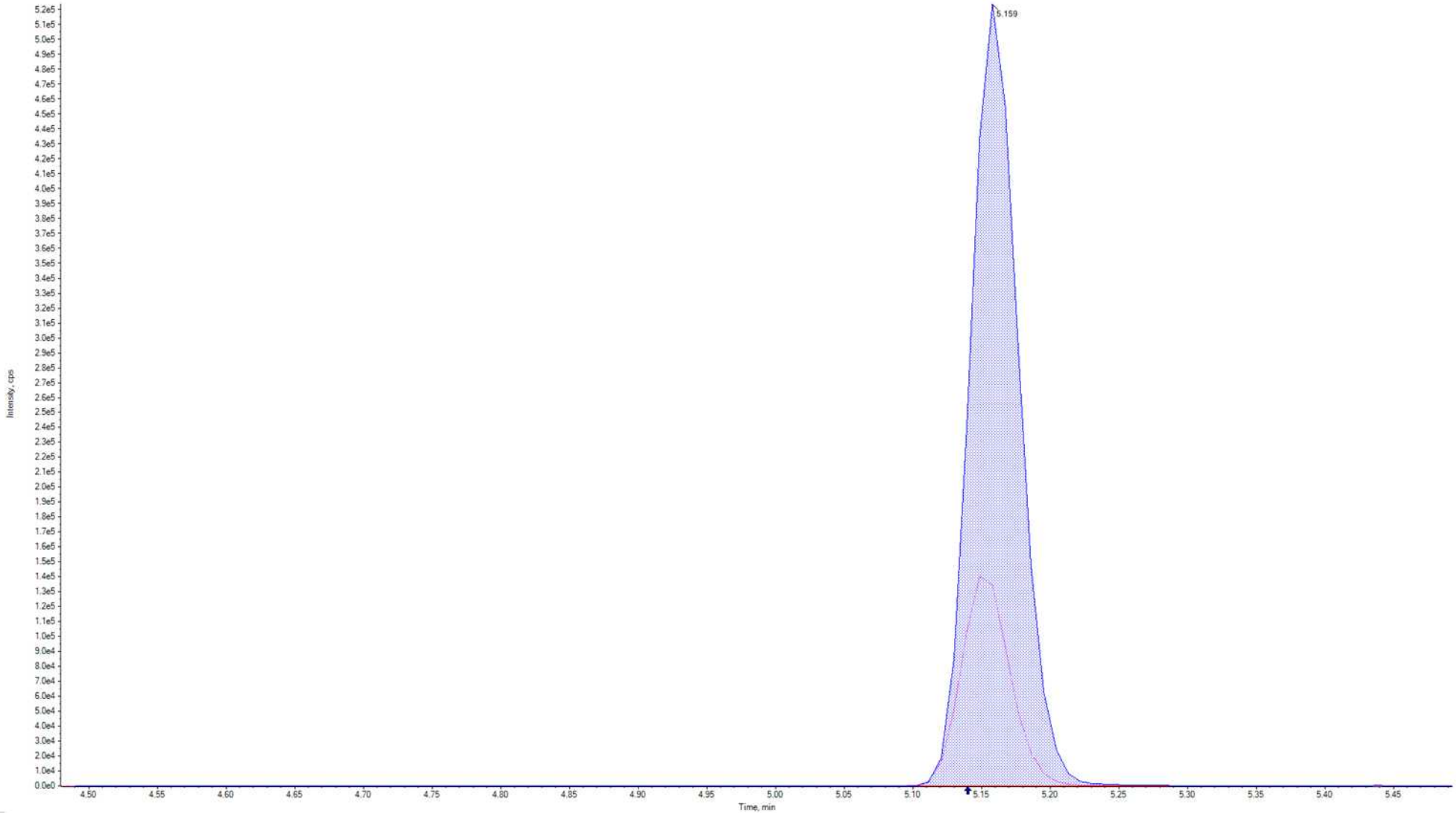
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFDoS_2
Sample: WG1972379-8,1633MED S/N:3187.0 Points Across peak:29



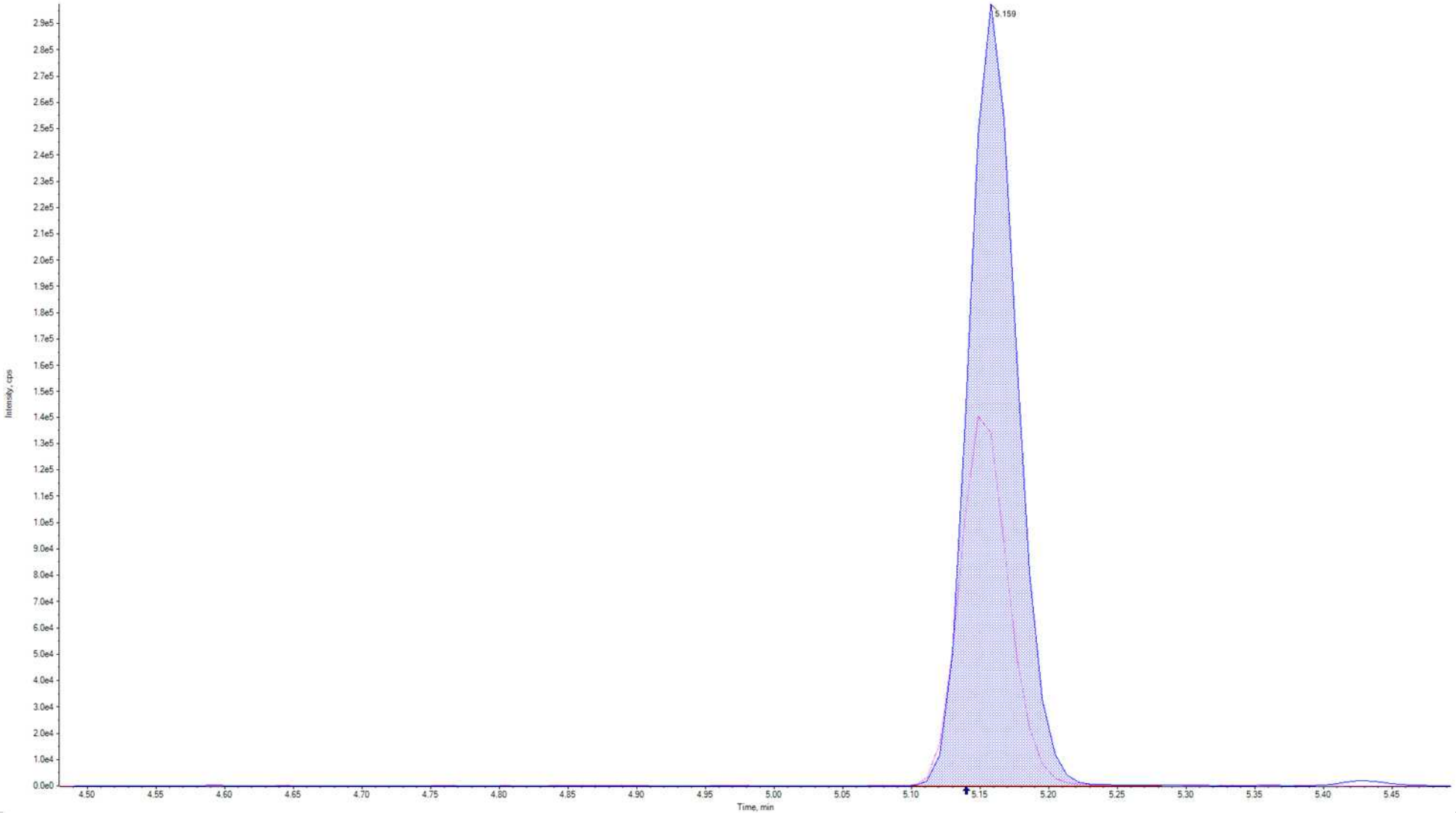
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

4:2FTS
Sample: WG1972379-8,1633MED S/N:7727.4 Points Across peak:24



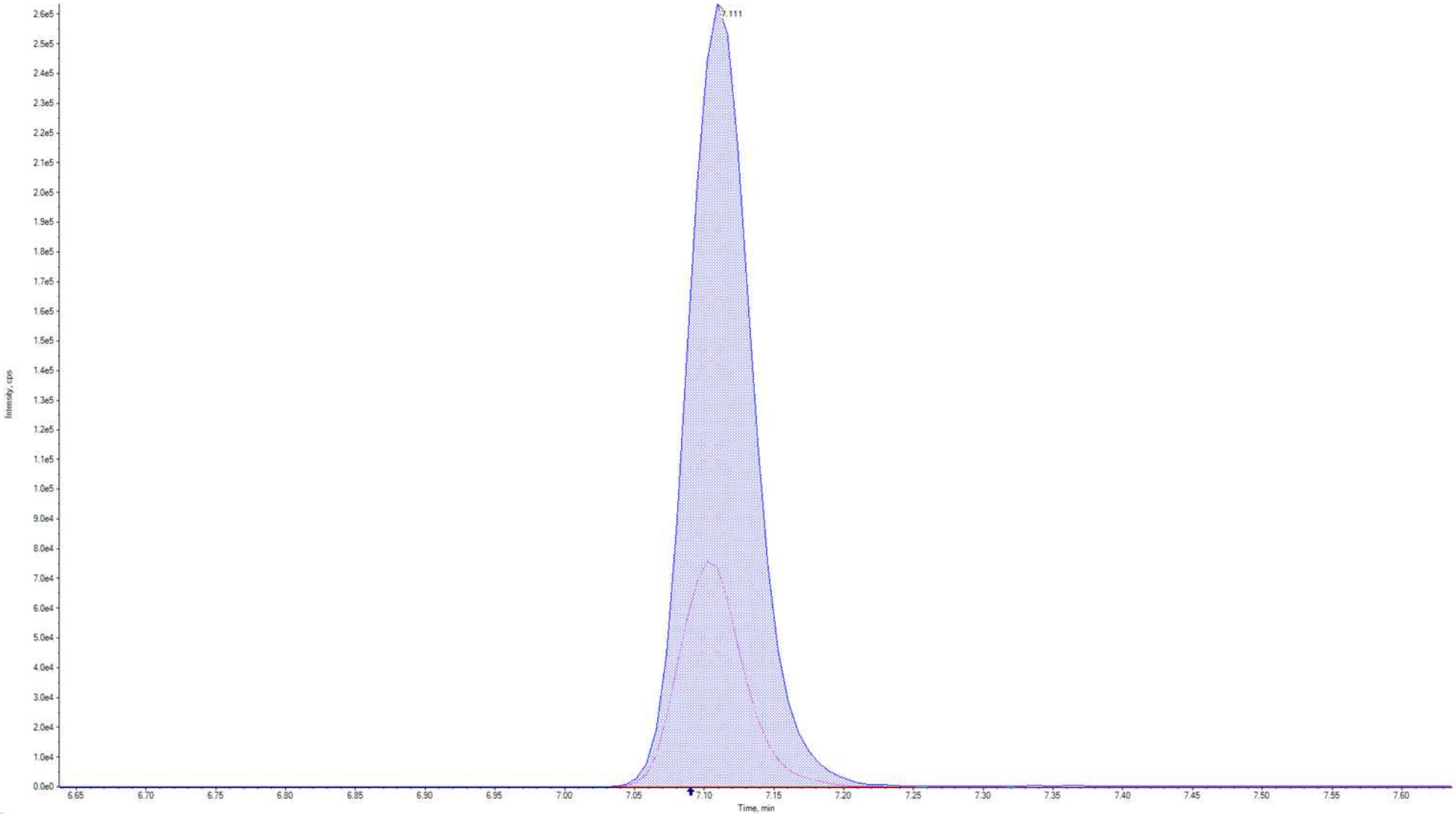
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

4:2FTS_2
Sample: WG1972379-8,1633MED S/N:4759.9 Points Across peak:23



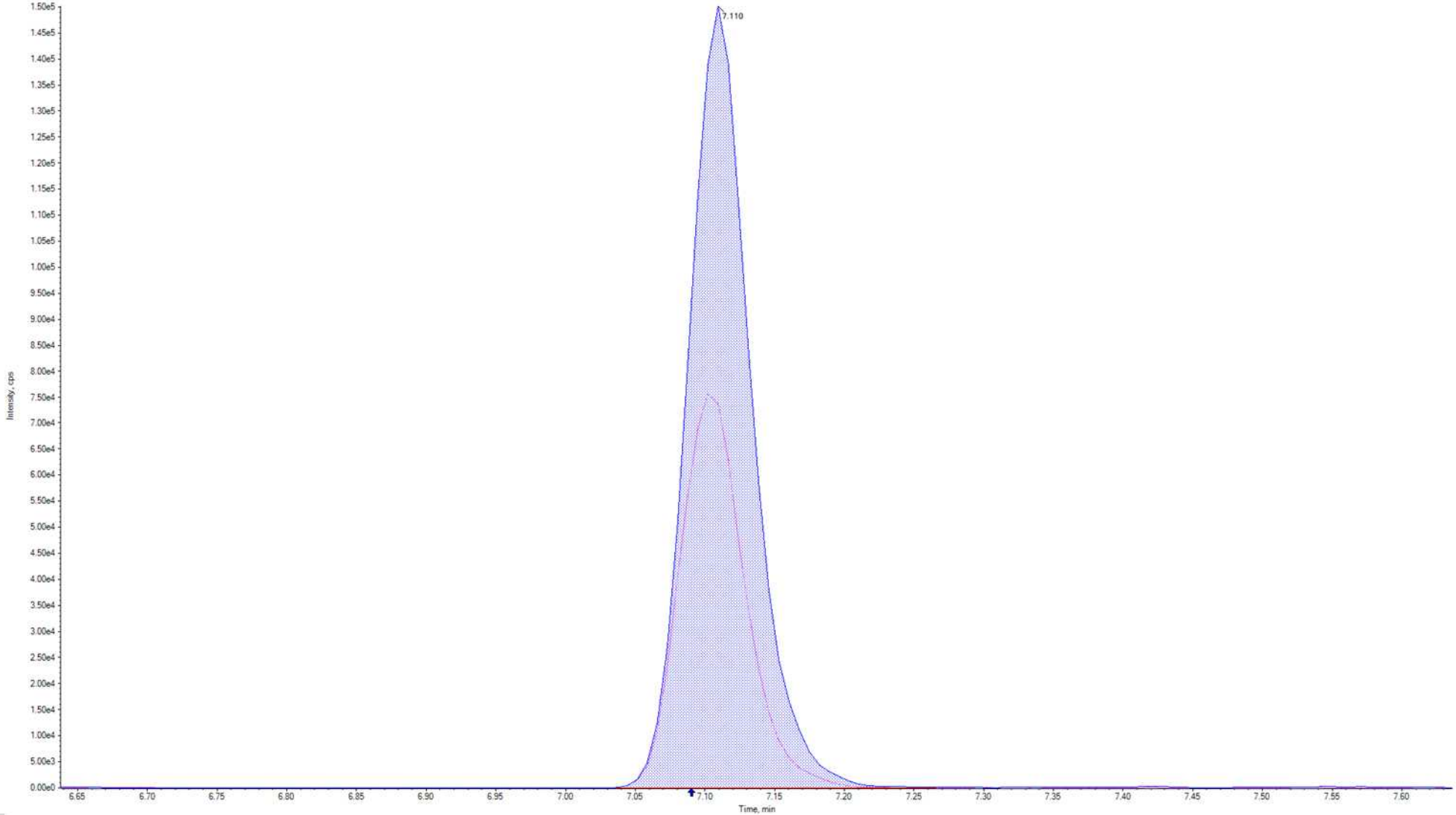
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

6:2FTS
Sample: WG1972379-8,1633MED S/N:59638.8 Points Across peak:33



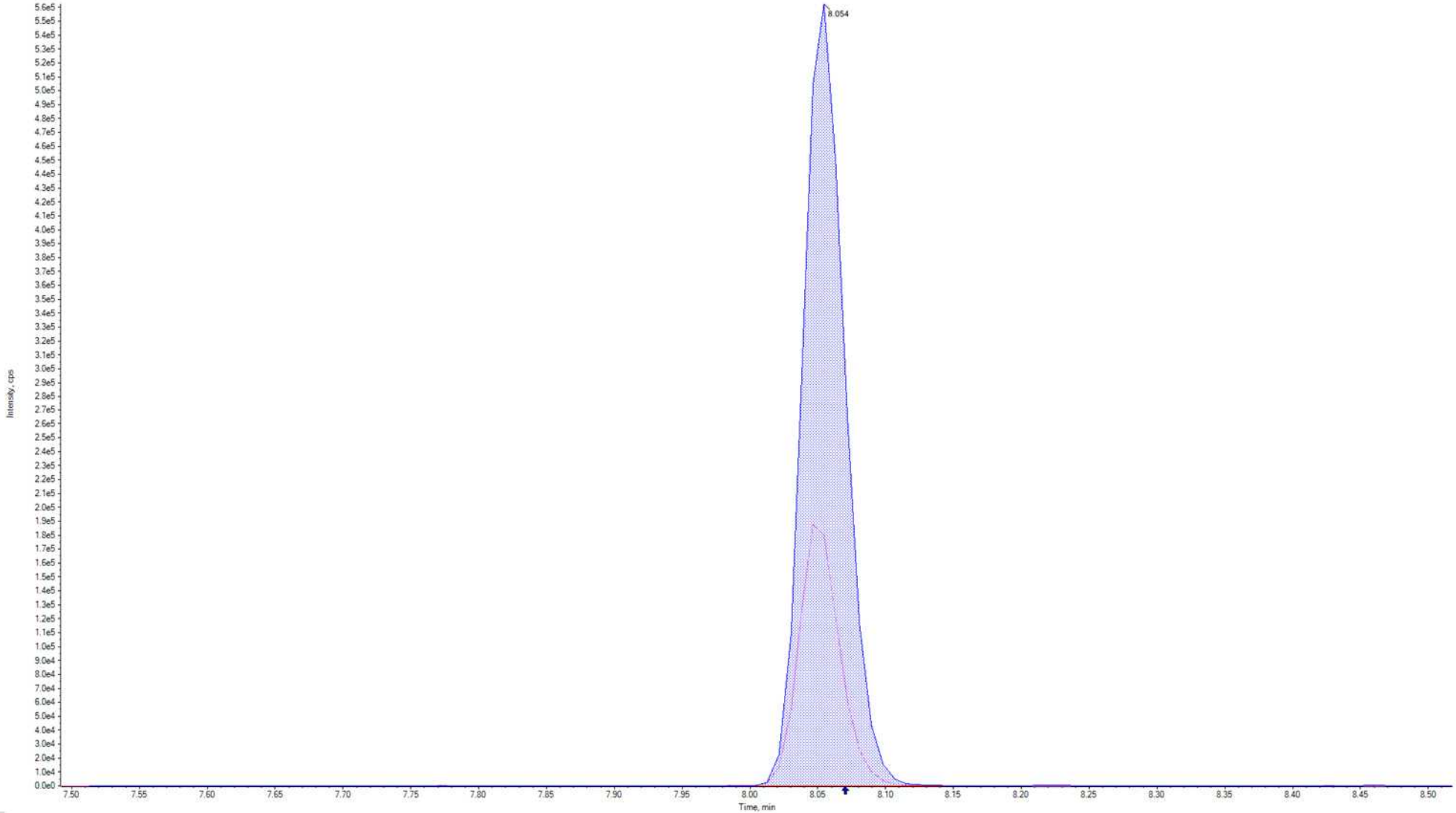
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

6:2FTS_2
Sample: WG1972379-8,1633MED S/N:34229726.7 Points Across peak:36



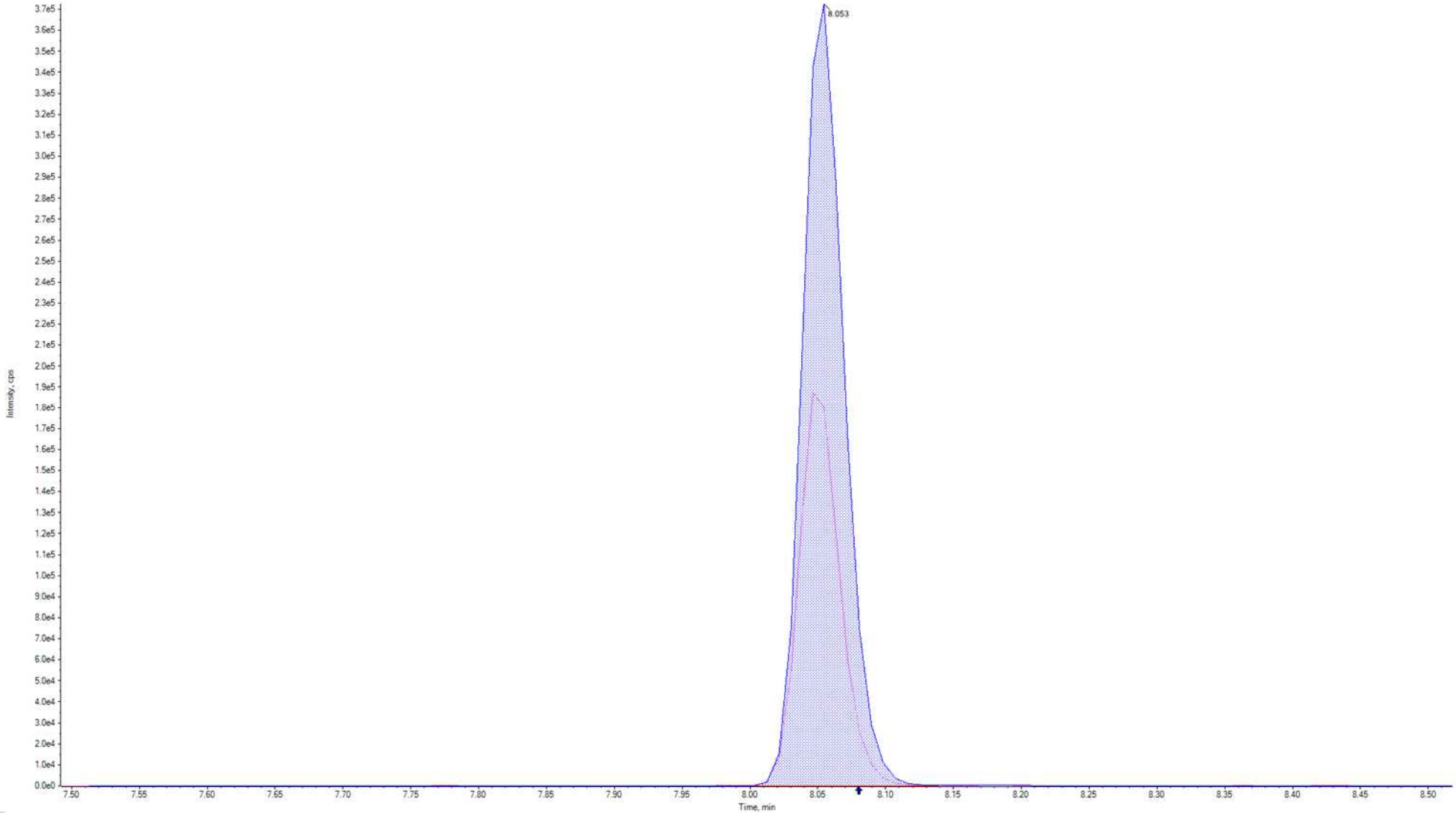
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

8:2FTS
Sample: WG1972379-8,1633MED S/N:13556.4 Points Across peak:23



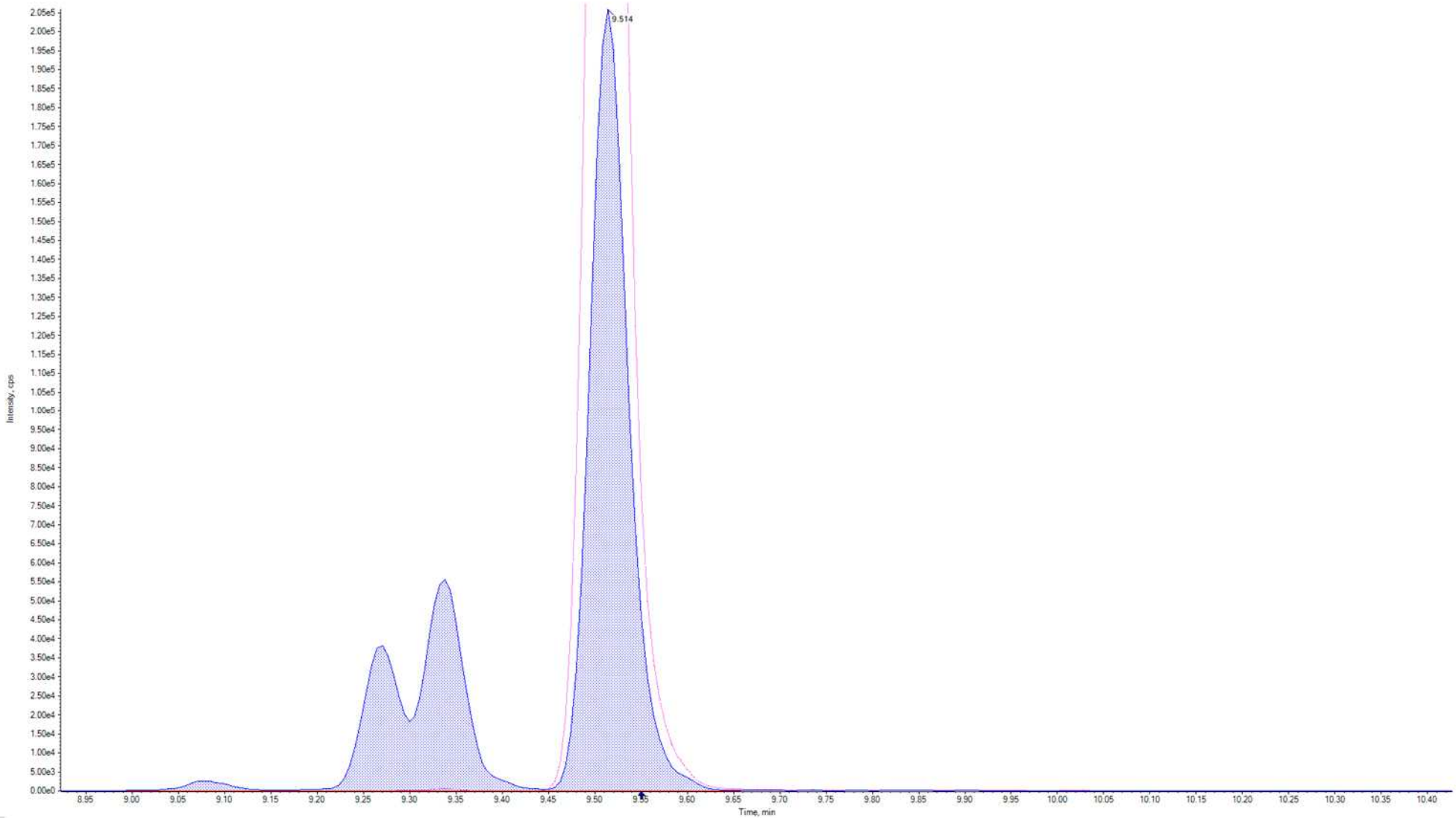
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

8:2FTS_2
Sample: WG1972379-8,1633MED S/N:172173.8 Points Across peak:18



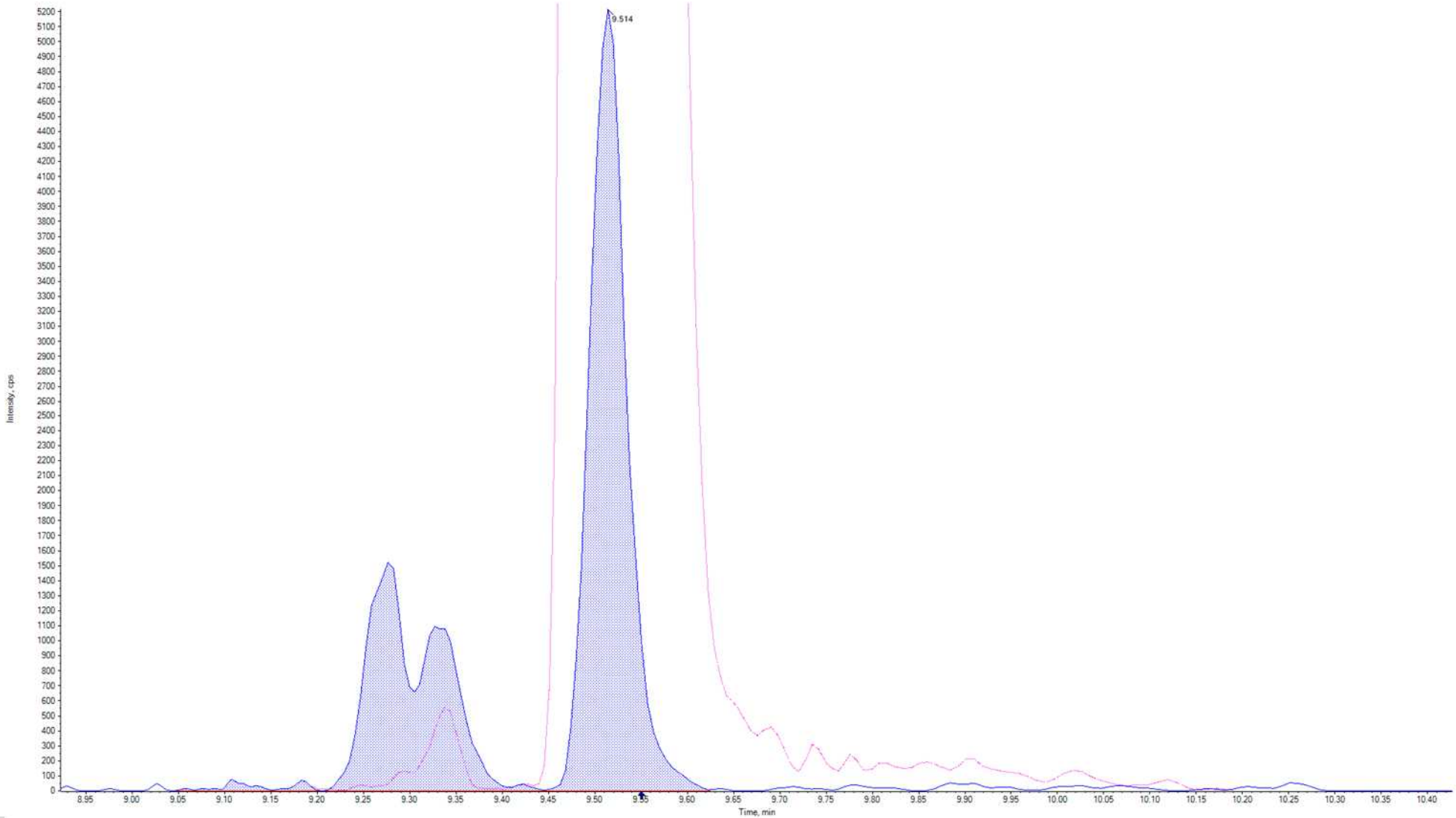
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFOSA
Sample: WG1972379-8,1633MED S/N:41609.8 Points Across peak:123



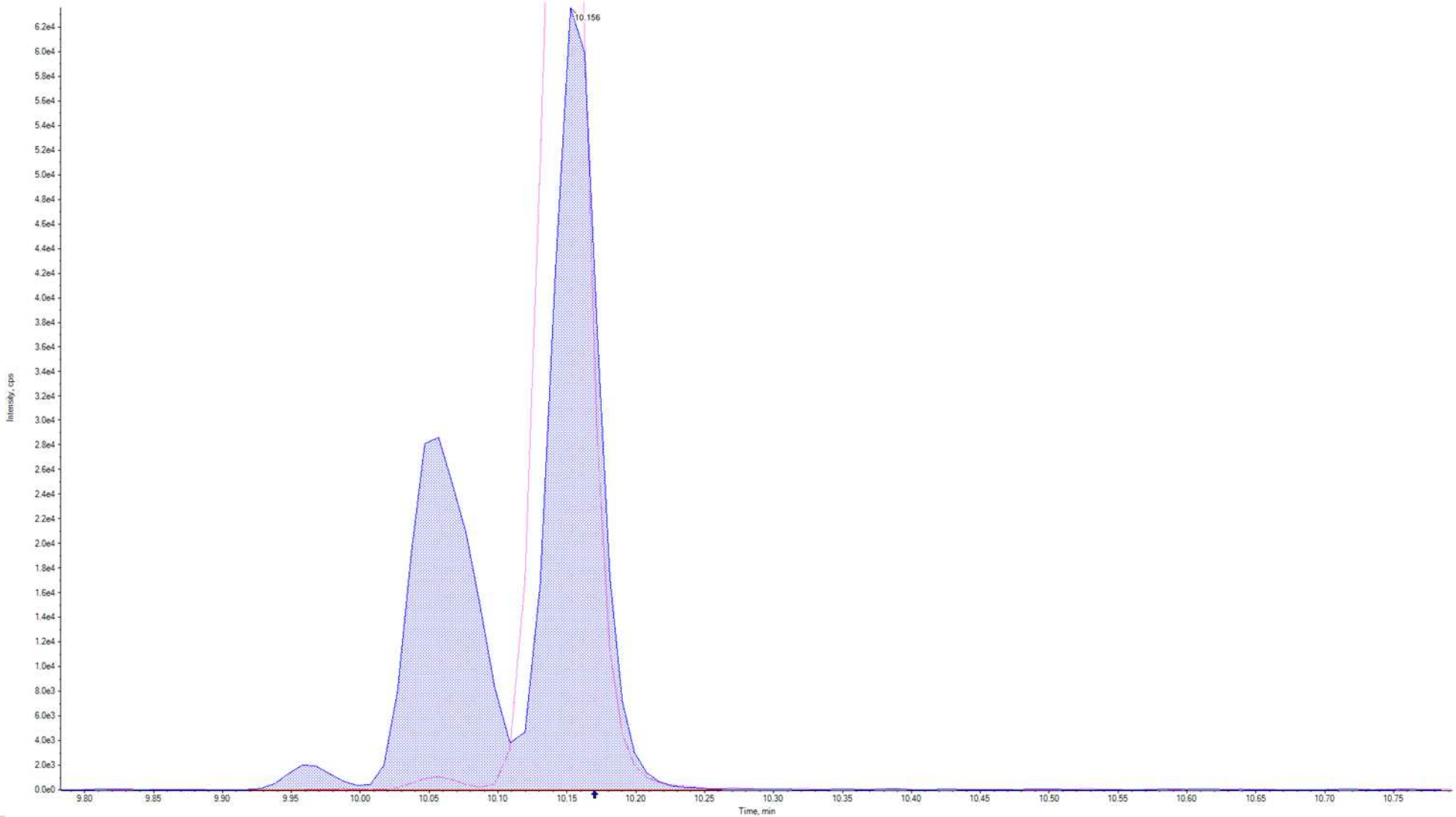
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFOSA_2
Sample: WG1972379-8,1633MED S/N:469.1 Points Across peak:106



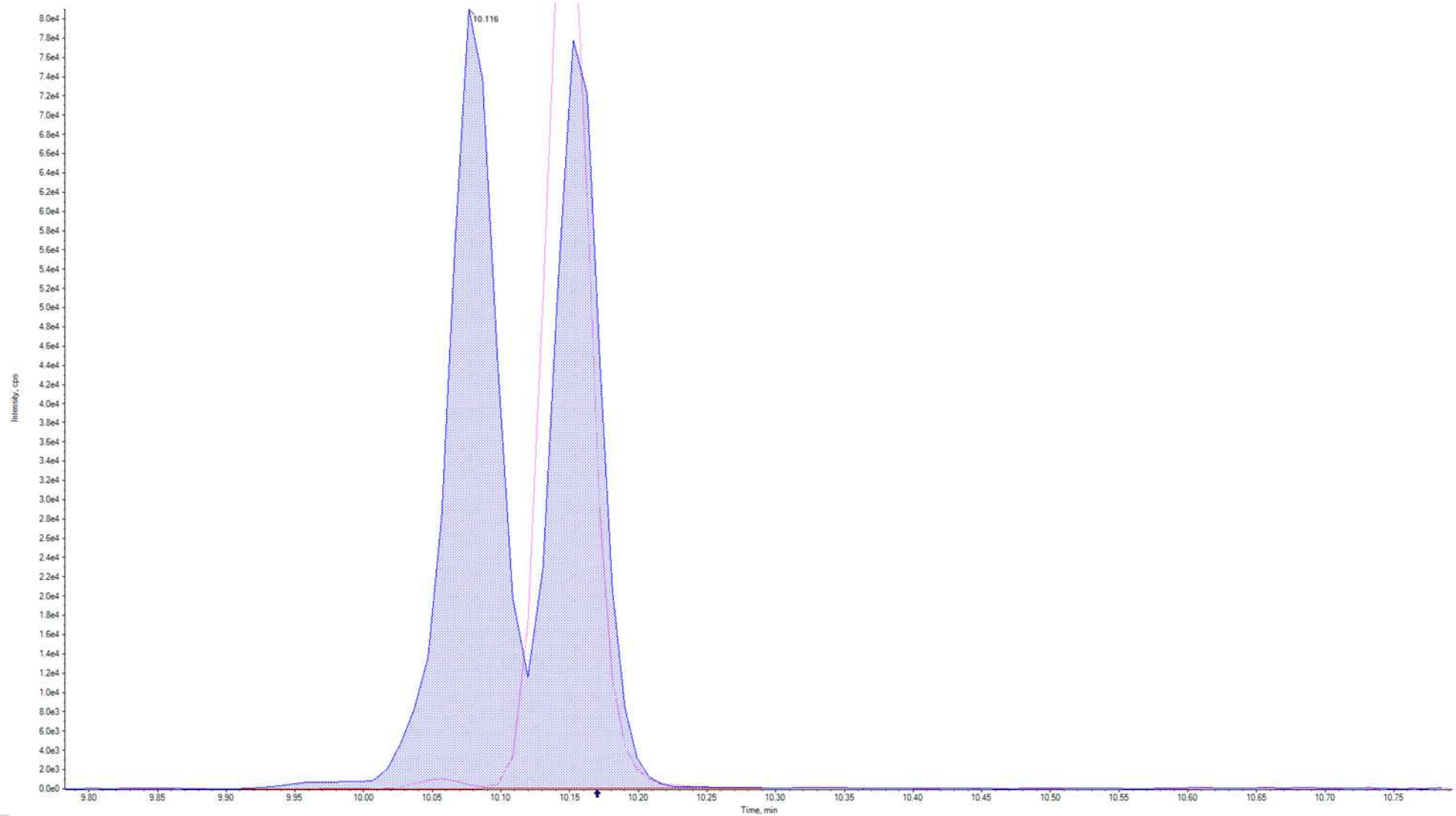
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSA
Sample: WG1972379-8,1633MED S/N:66360.1 Points Across peak:38



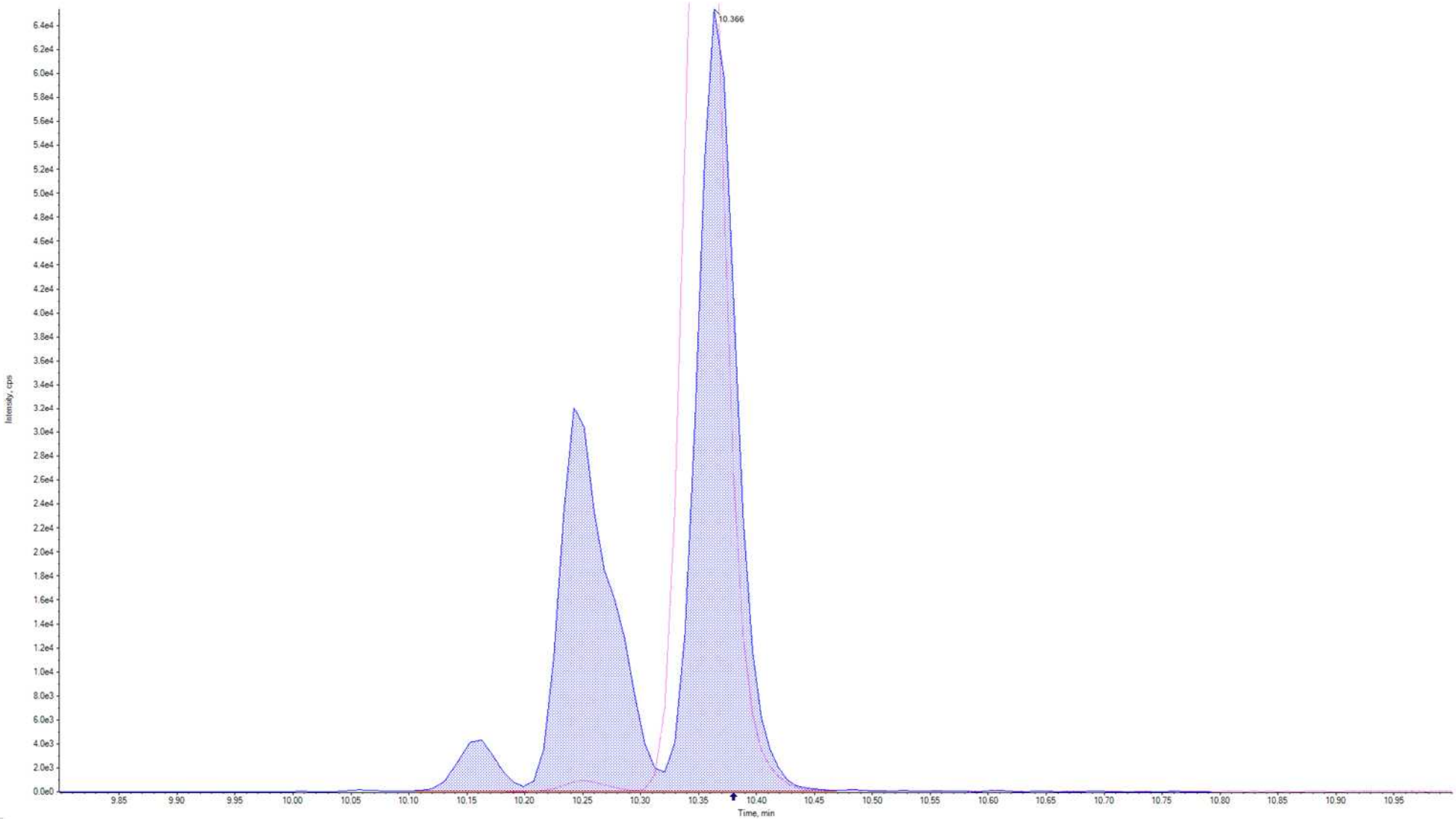
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSA_2
Sample: WG1972379-8,1633MED S/N:1885.9 Points Across peak:44



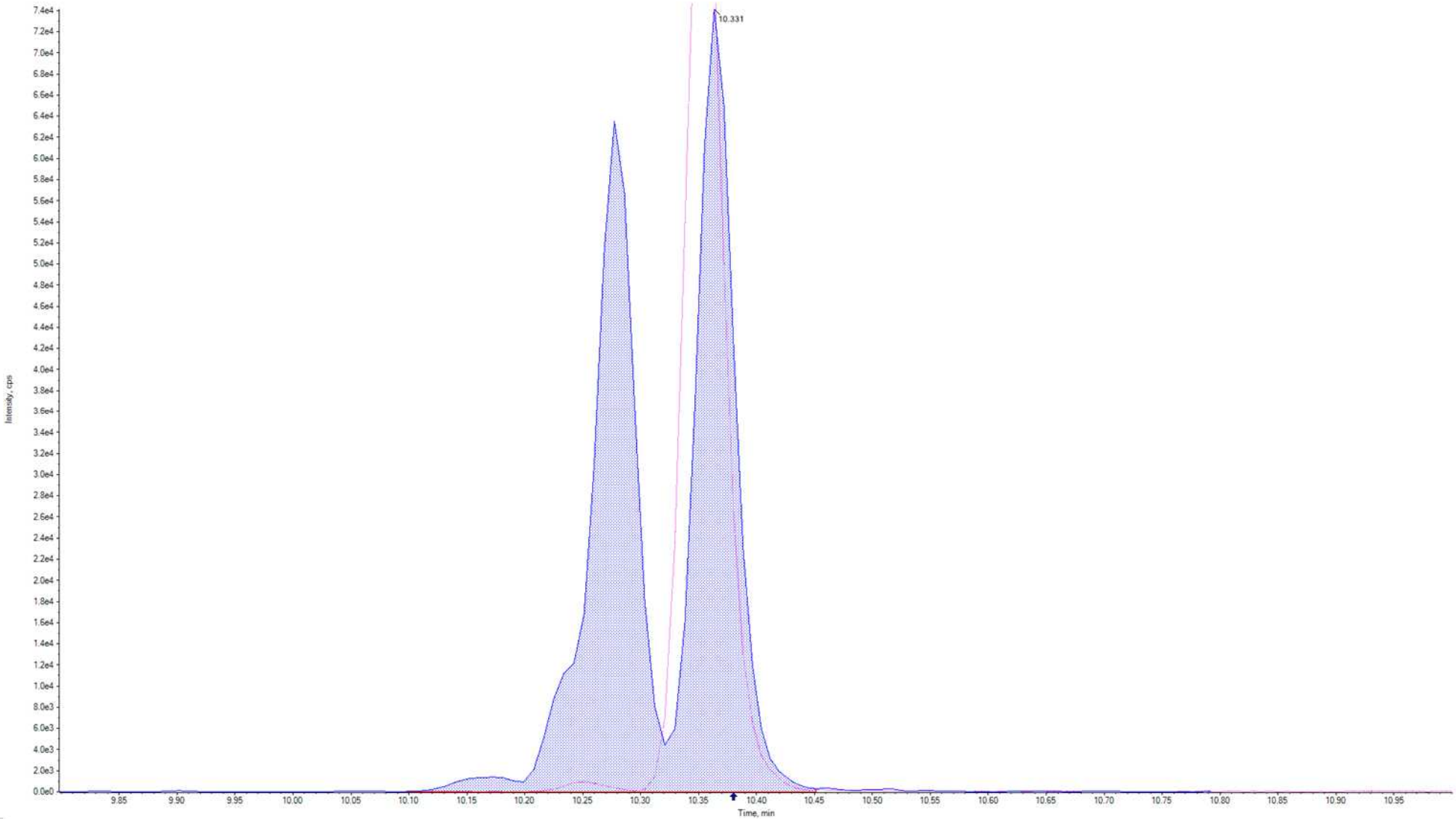
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSA
Sample: WG1972379-8,1633MED S/N:11508889.2 Points Across peak:46



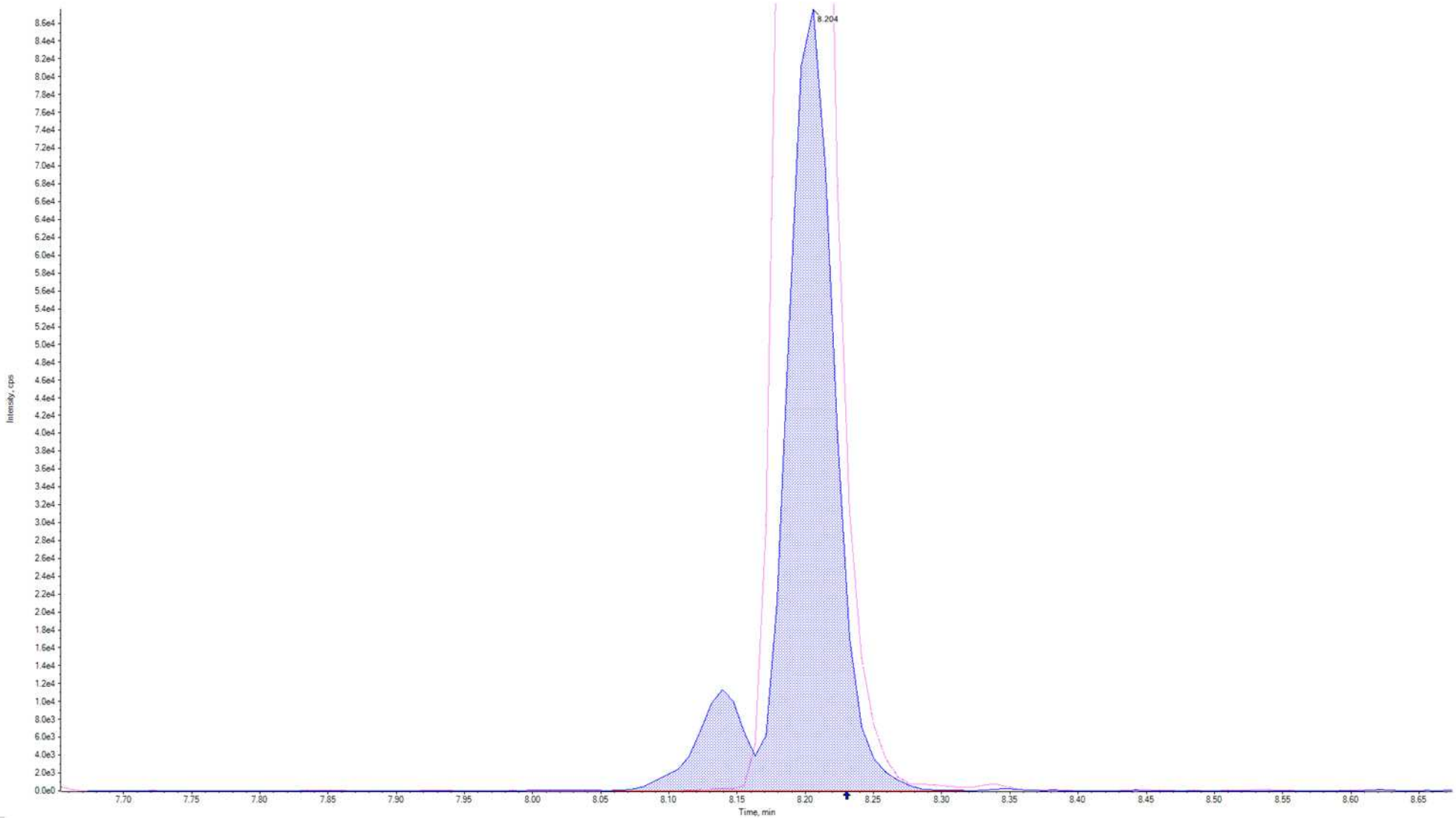
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSA_2
Sample: WG1972379-8,1633MED S/N:10496.0 Points Across peak:43



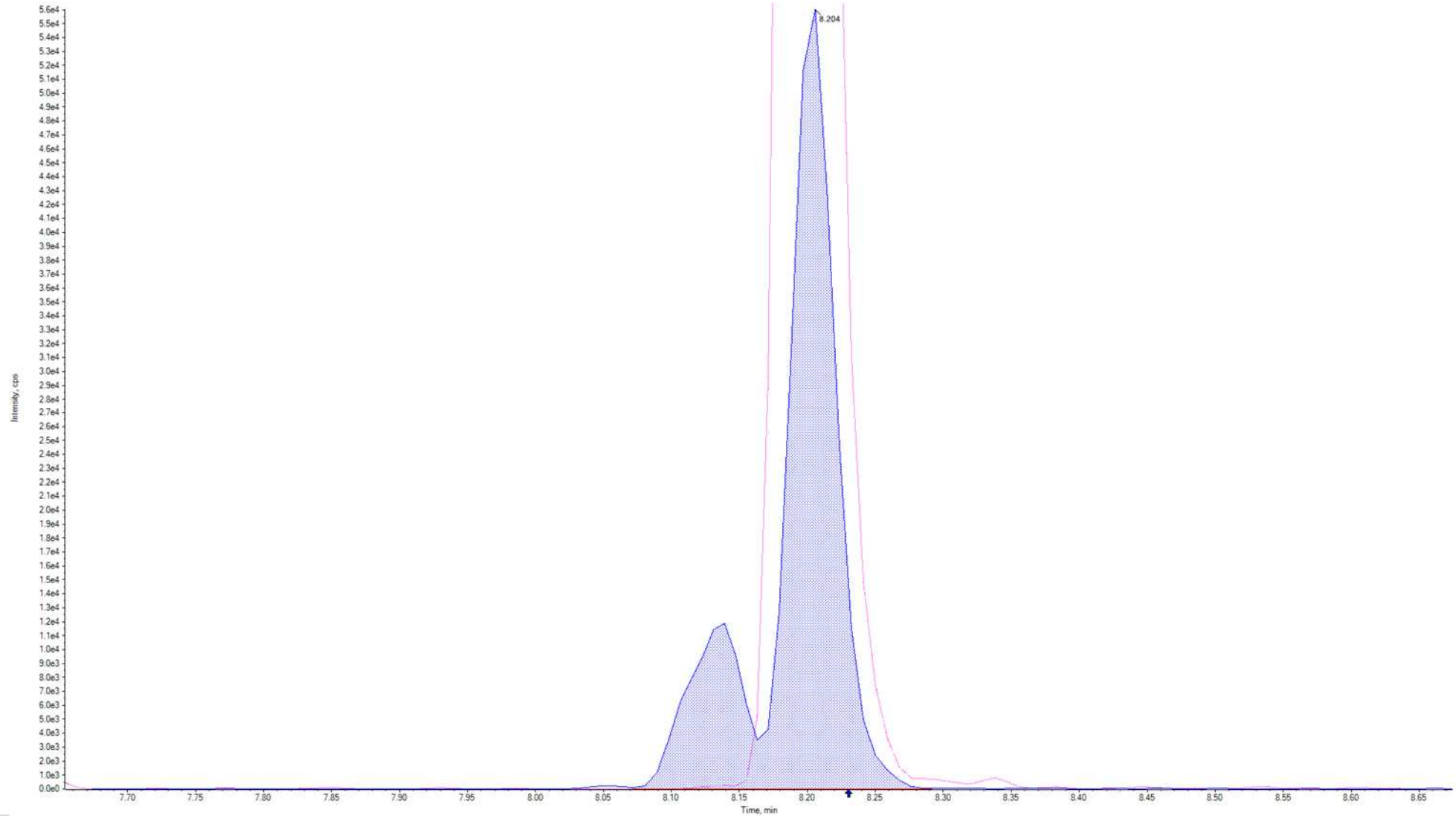
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSAA
Sample: WG1972379-8,1633MED S/N:994.2 Points Across peak:32



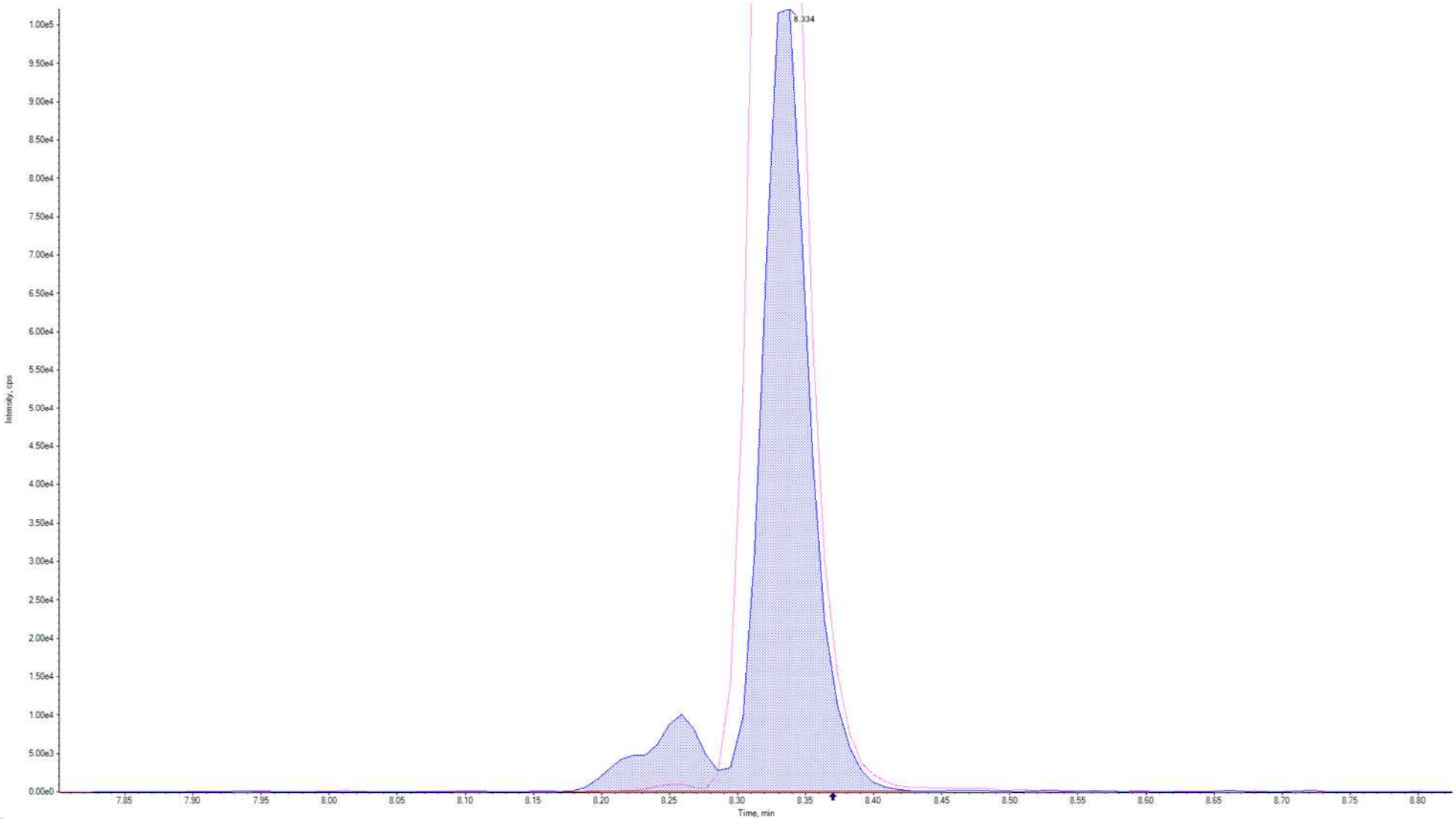
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSAA_2
Sample: WG1972379-8,1633MED S/N:942.6 Points Across peak:28



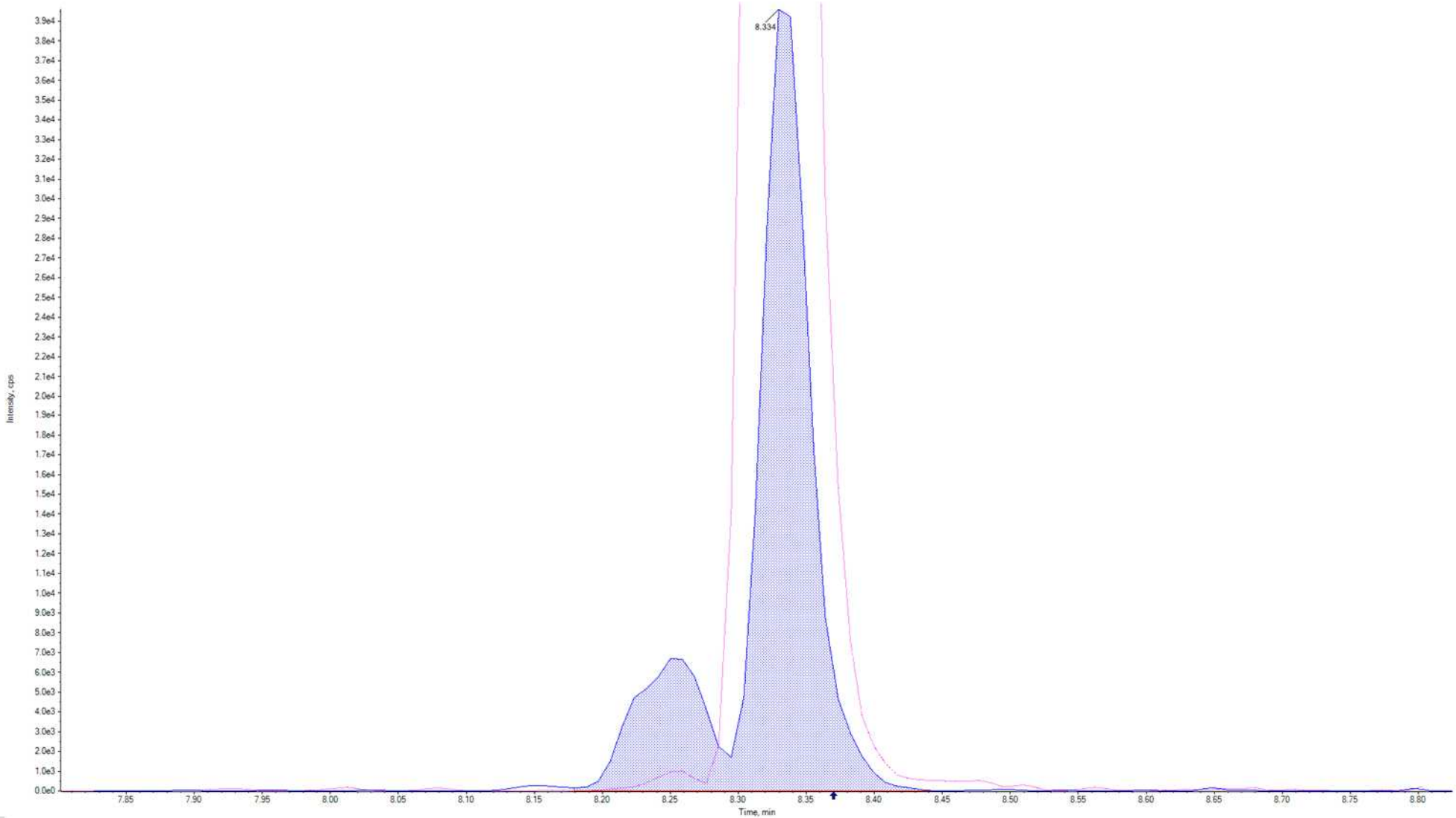
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSAA
Sample: WG1972379-8,1633MED S/N:829.5 Points Across peak:31



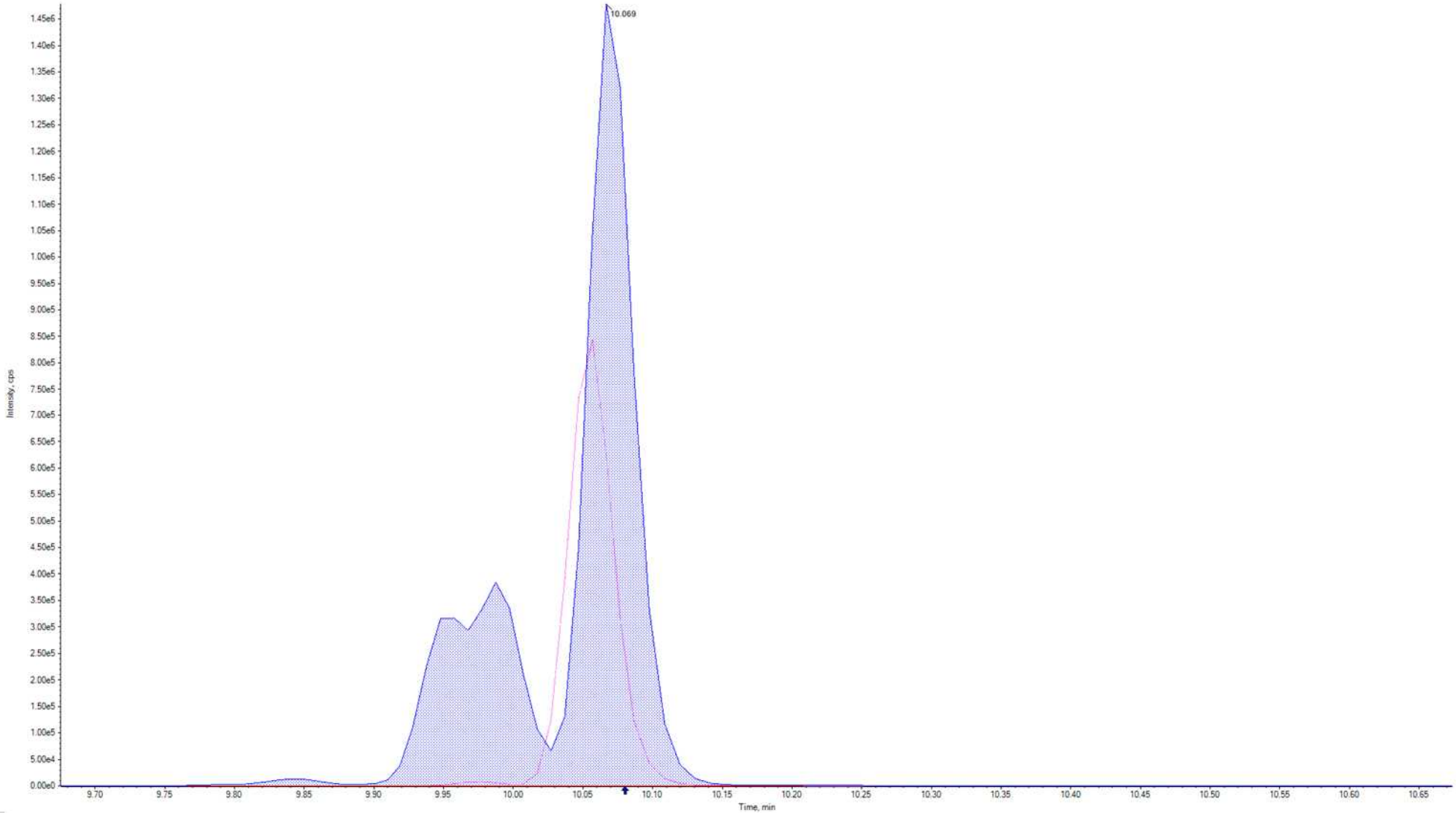
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSAA_2
Sample: WG1972379-8,1633MED S/N:550.3 Points Across peak:33



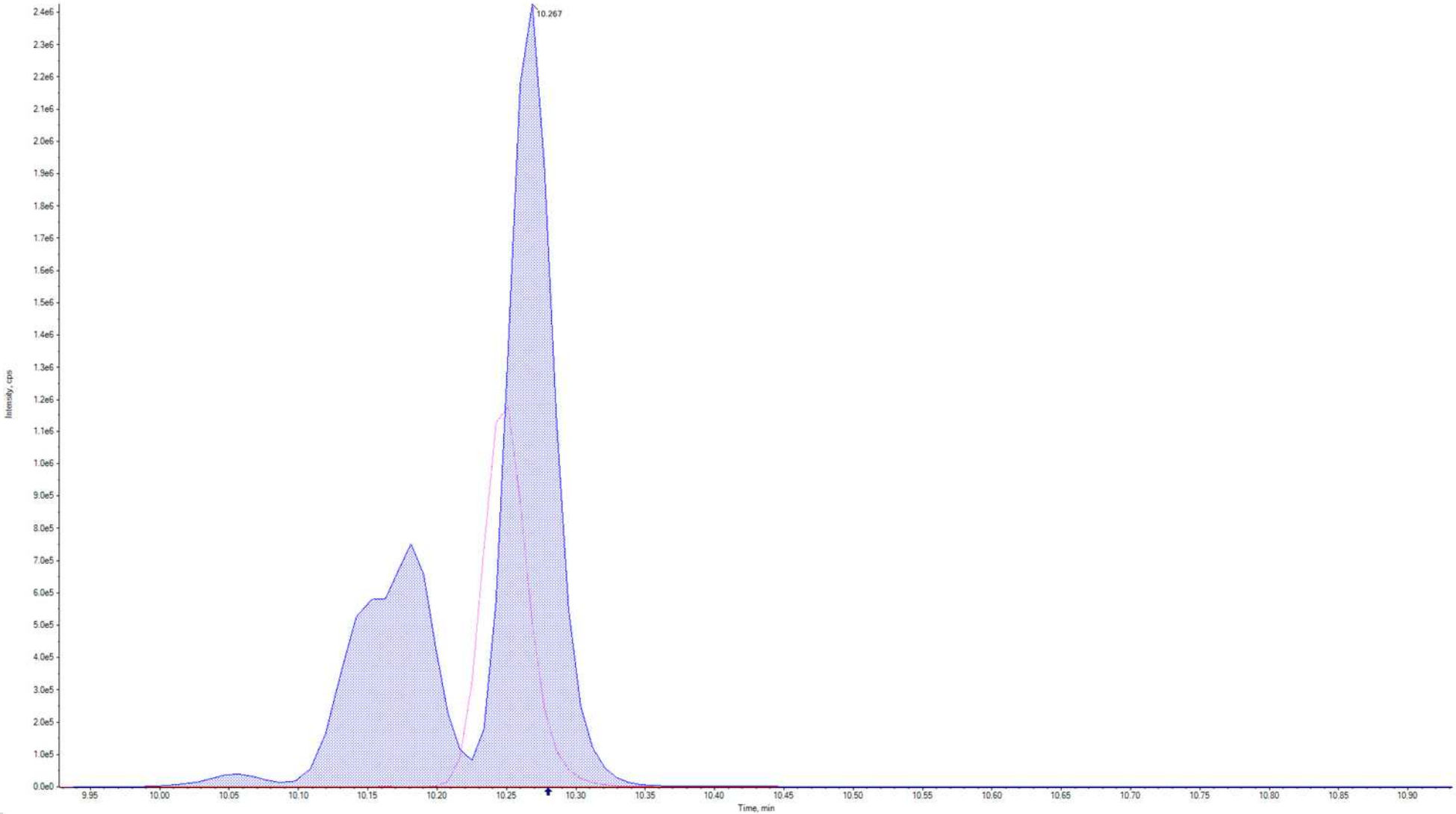
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

NMeFOSE
Sample: WG1972379-8,1633MED S/N:3481.0 Points Across peak:54



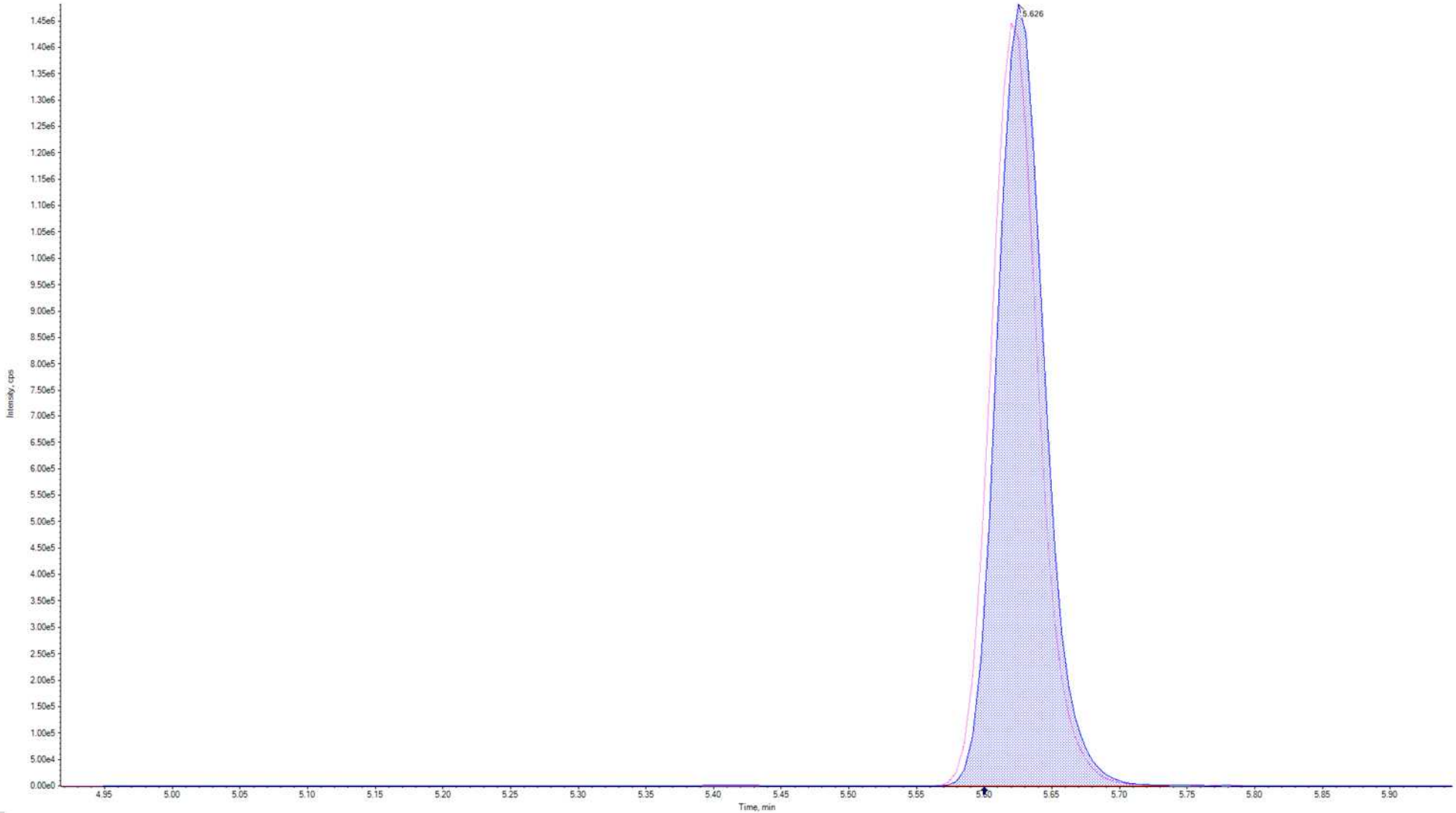
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

NEtFOSE
Sample: WG1972379-8,1633MED S/N:3550.3 Points Across peak:60

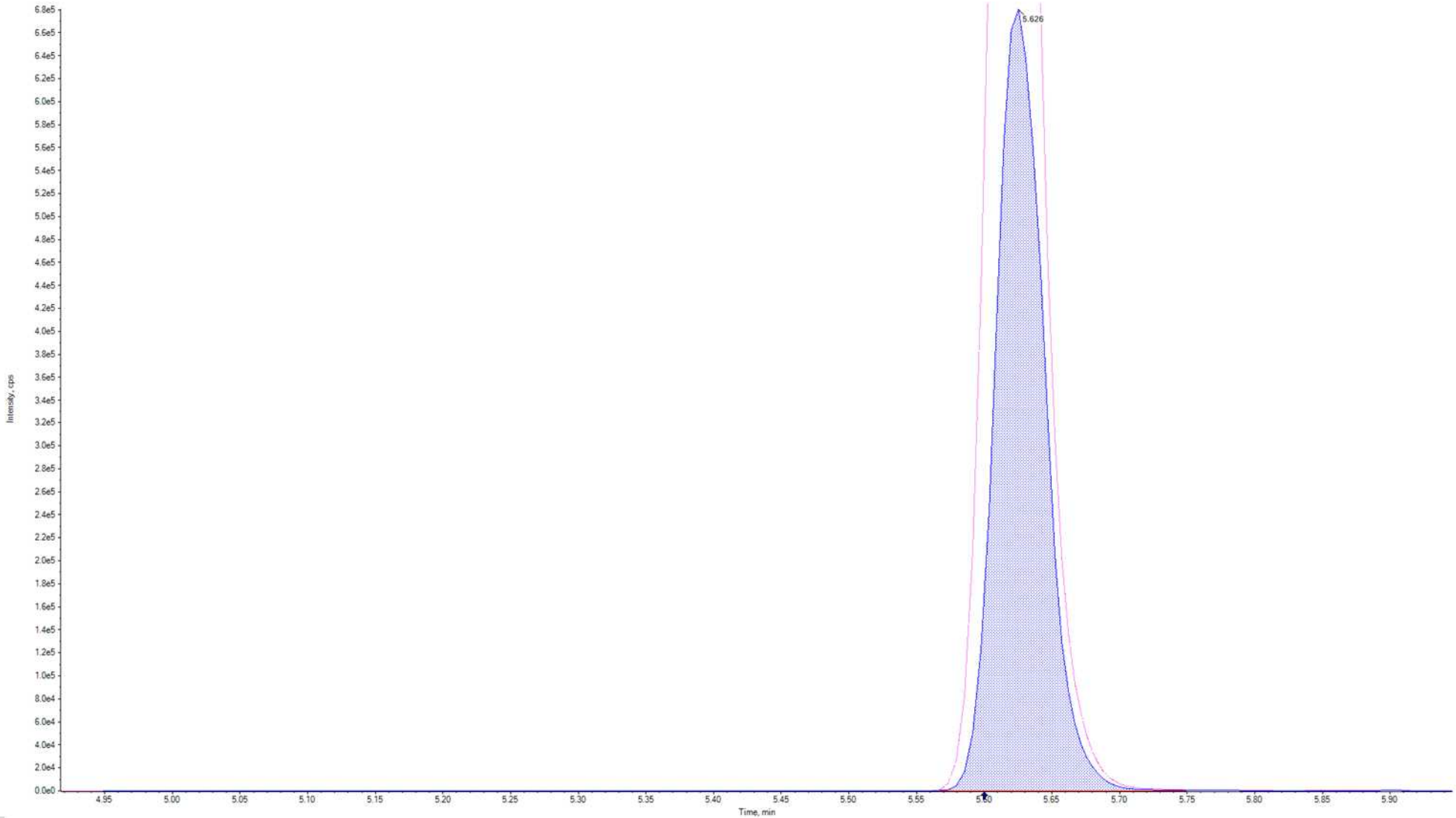


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

HFPO-DA
Sample: WG1972379-8,1633MED S/N:14161.0 Points Across peak:38

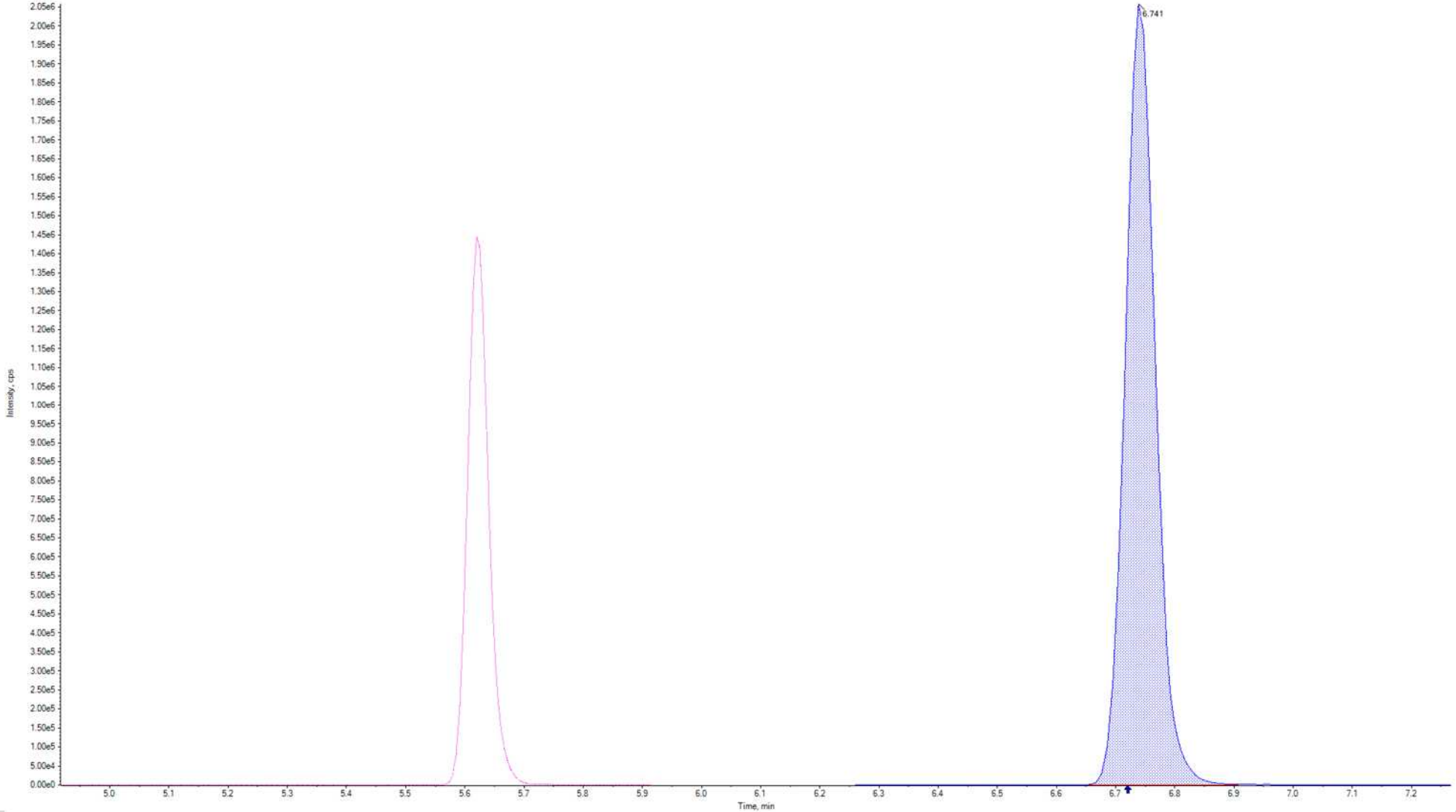


HFPO-DA_2
Sample: WG1972379-8,1633MED S/N:4653.4 Points Across peak:44



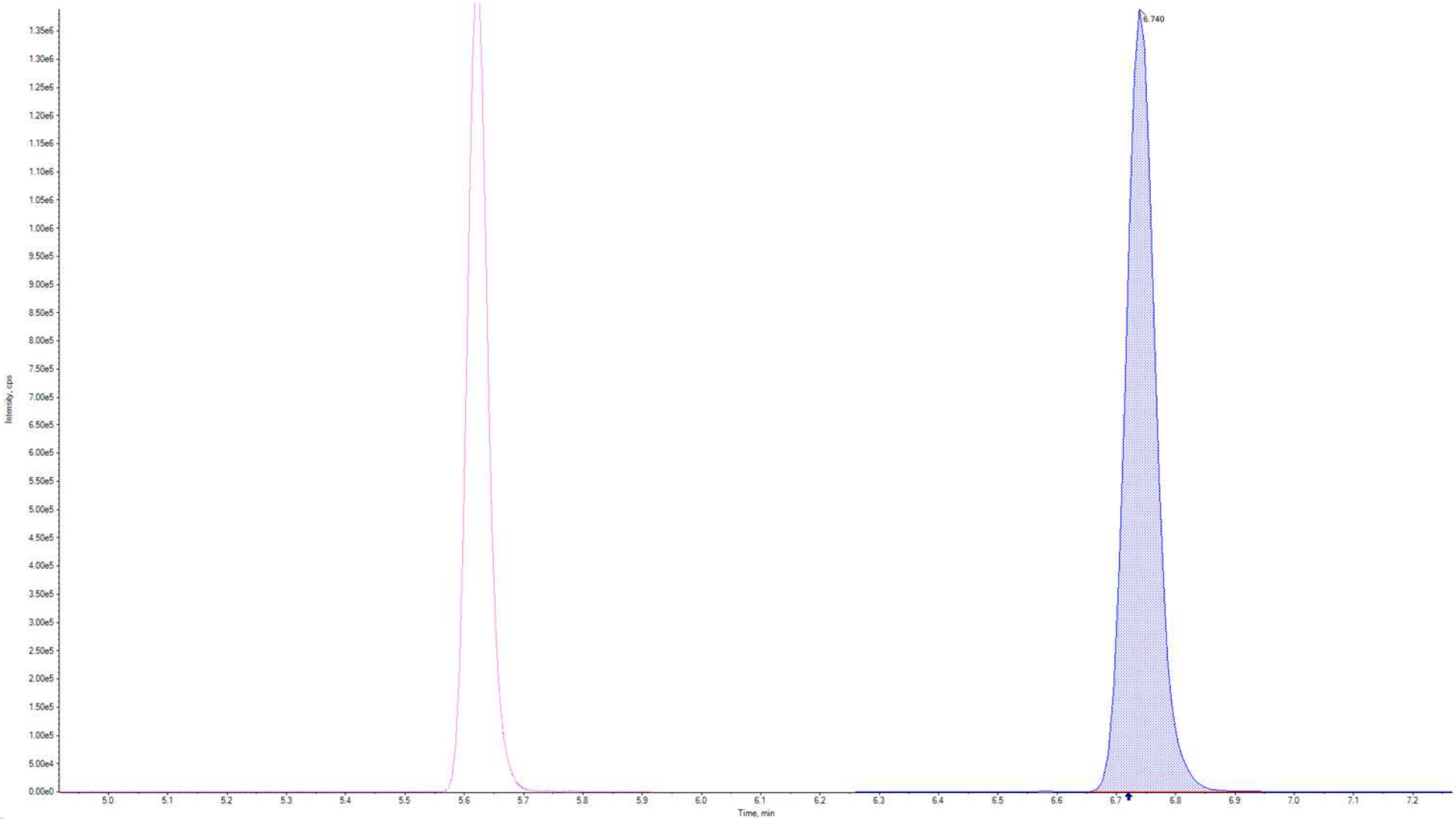
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

ADONA
Sample: WG1972379-8,1633MED S/N:15005.8 Points Across peak:38



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

ADONA_2
Sample: WG1972379-8,1633MED S/N:15385.5 Points Across peak:47



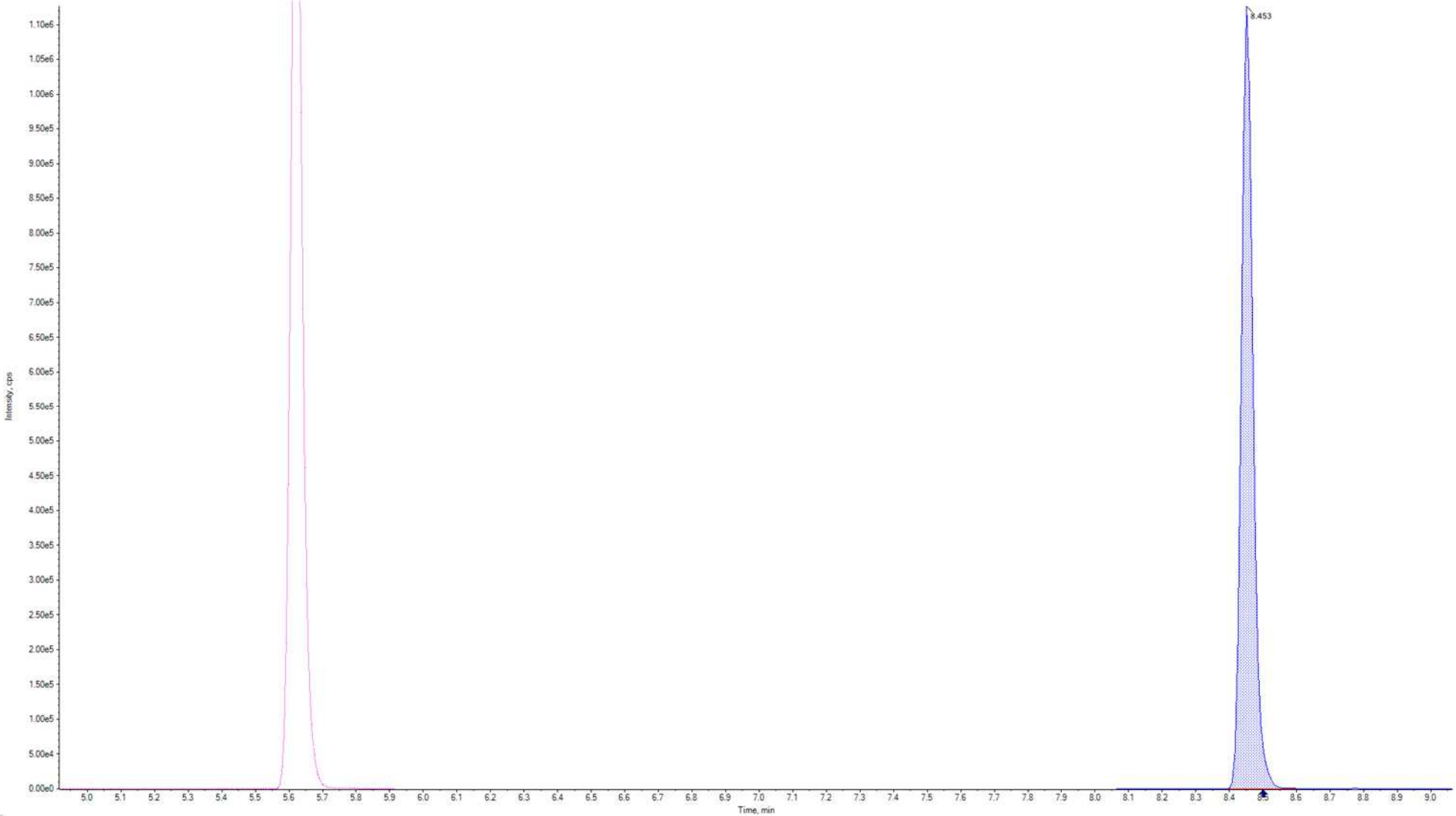
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

9Cl-PF3ONS
Sample: WG1972379-8,1633MED S/N:91952.1 Points Across peak:31



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

9Cl-PF3ONS_2
Sample: WG1972379-8,1633MED S/N:4887518.7 Points Across peak:33



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

11Cl-PF3OUdS
Sample: WG1972379-8,1633MED S/N:3553.7 Points Across peak:49



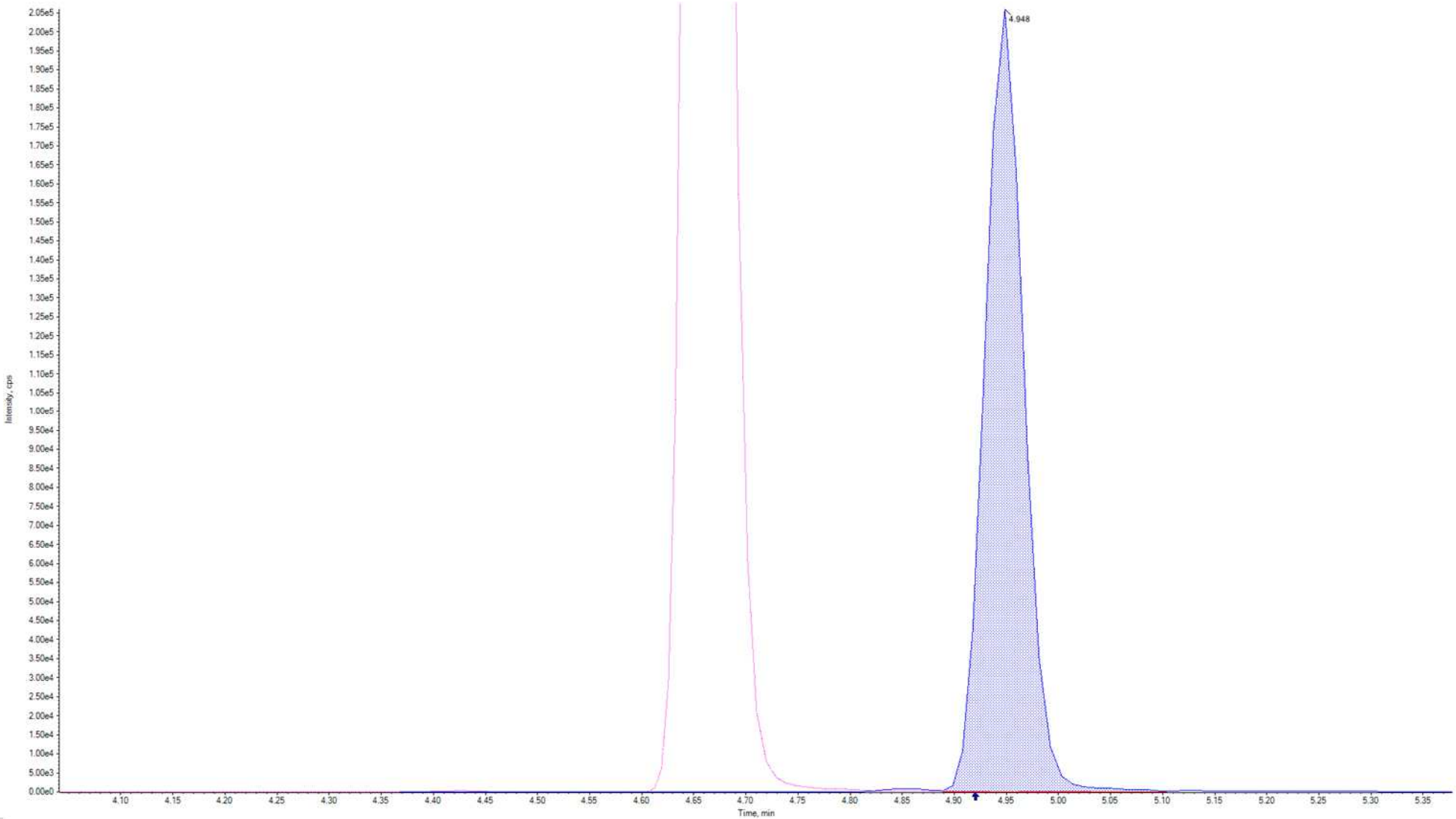
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

11Cl-PF3OUdS_2
Sample: WG1972379-8,1633MED S/N:93994.5 Points Across peak:43



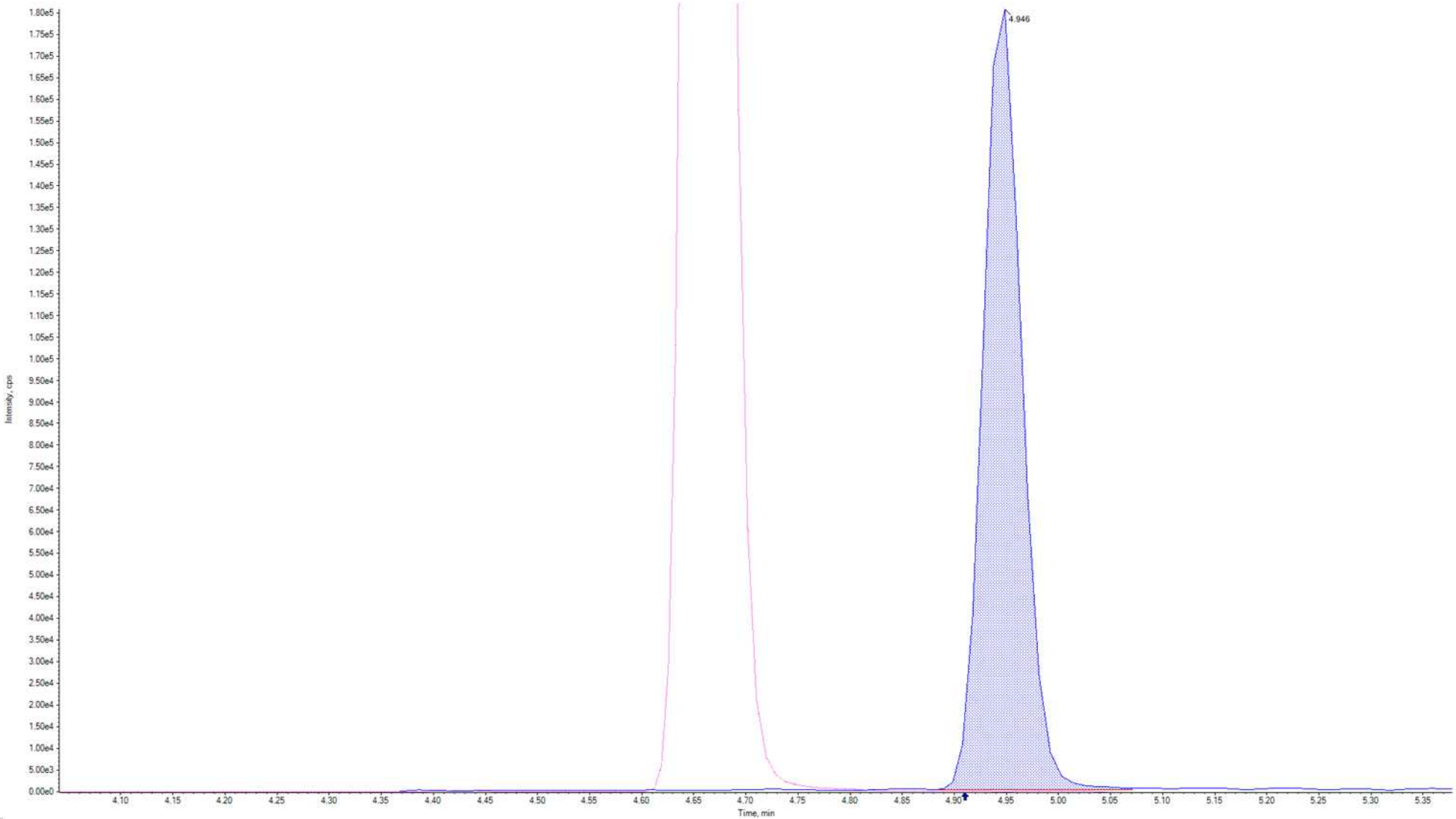
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

3:3FTCA
Sample: WG1972379-8,1633MED S/N:251486.3 Points Across peak:23



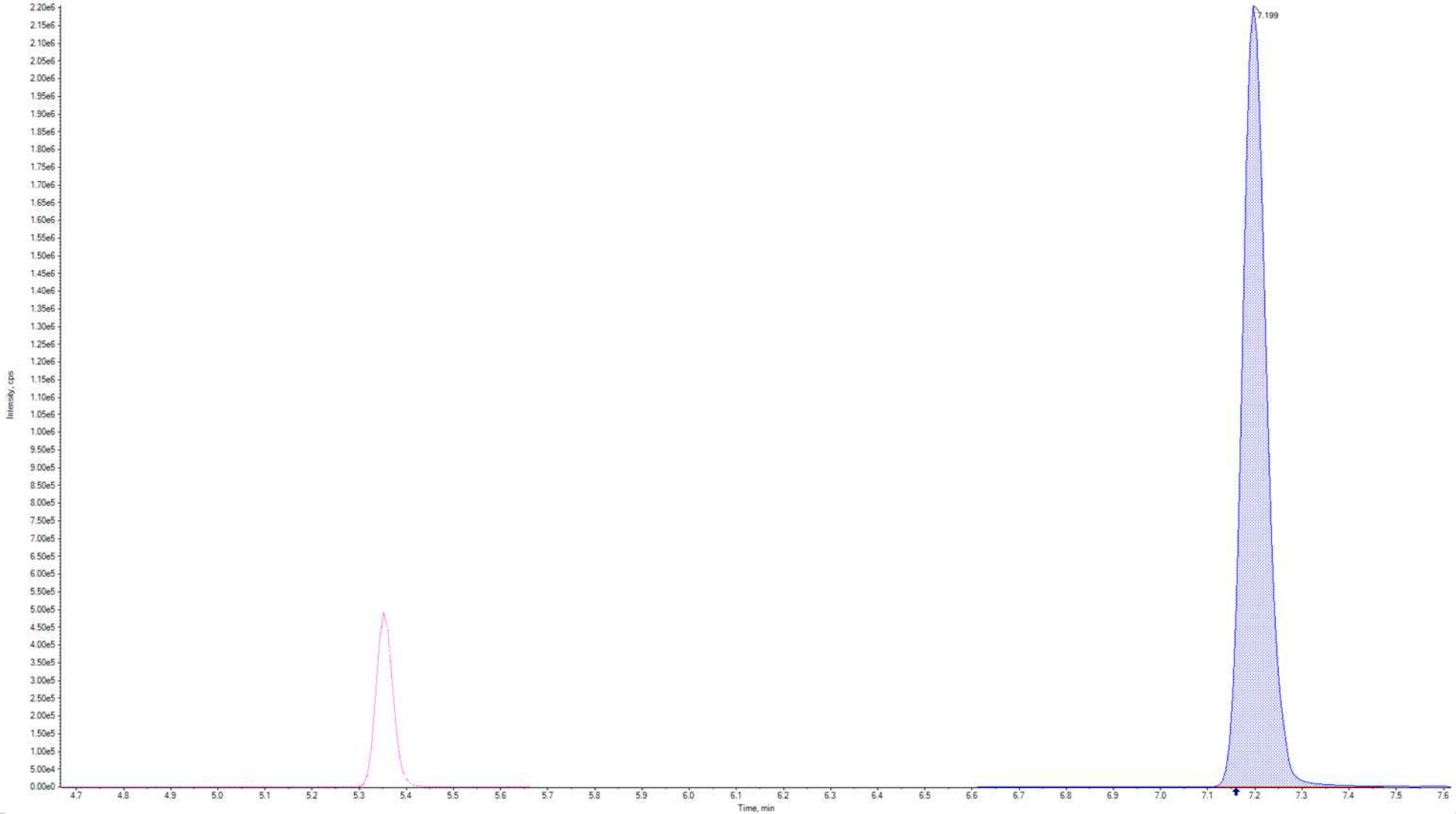
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

3:3FTCA_2
Sample: WG1972379-8,1633MED S/N:1357.3 Points Across peak:20



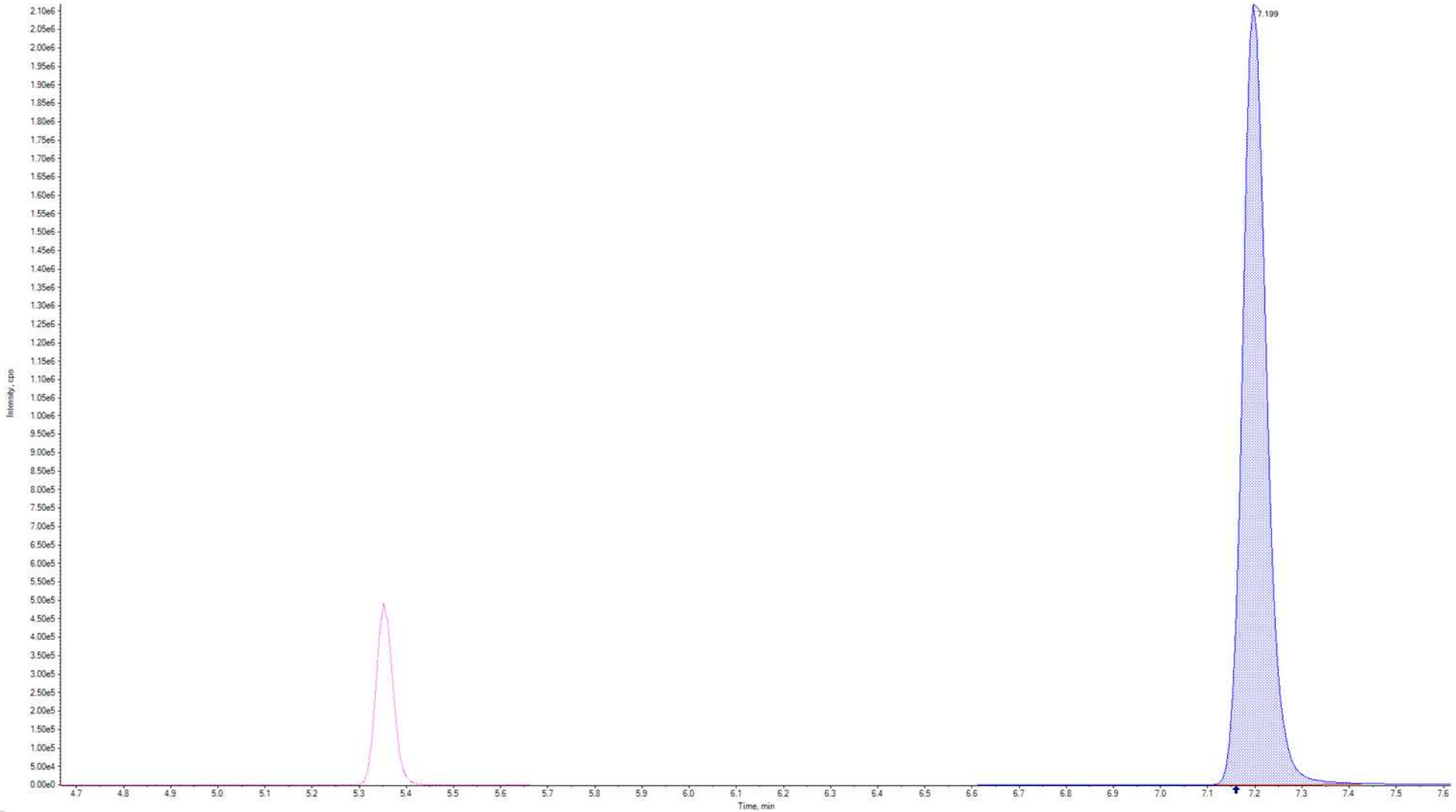
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

5:3FTCA
Sample: WG1972379-8,1633MED S/N:43161.3 Points Across peak:64



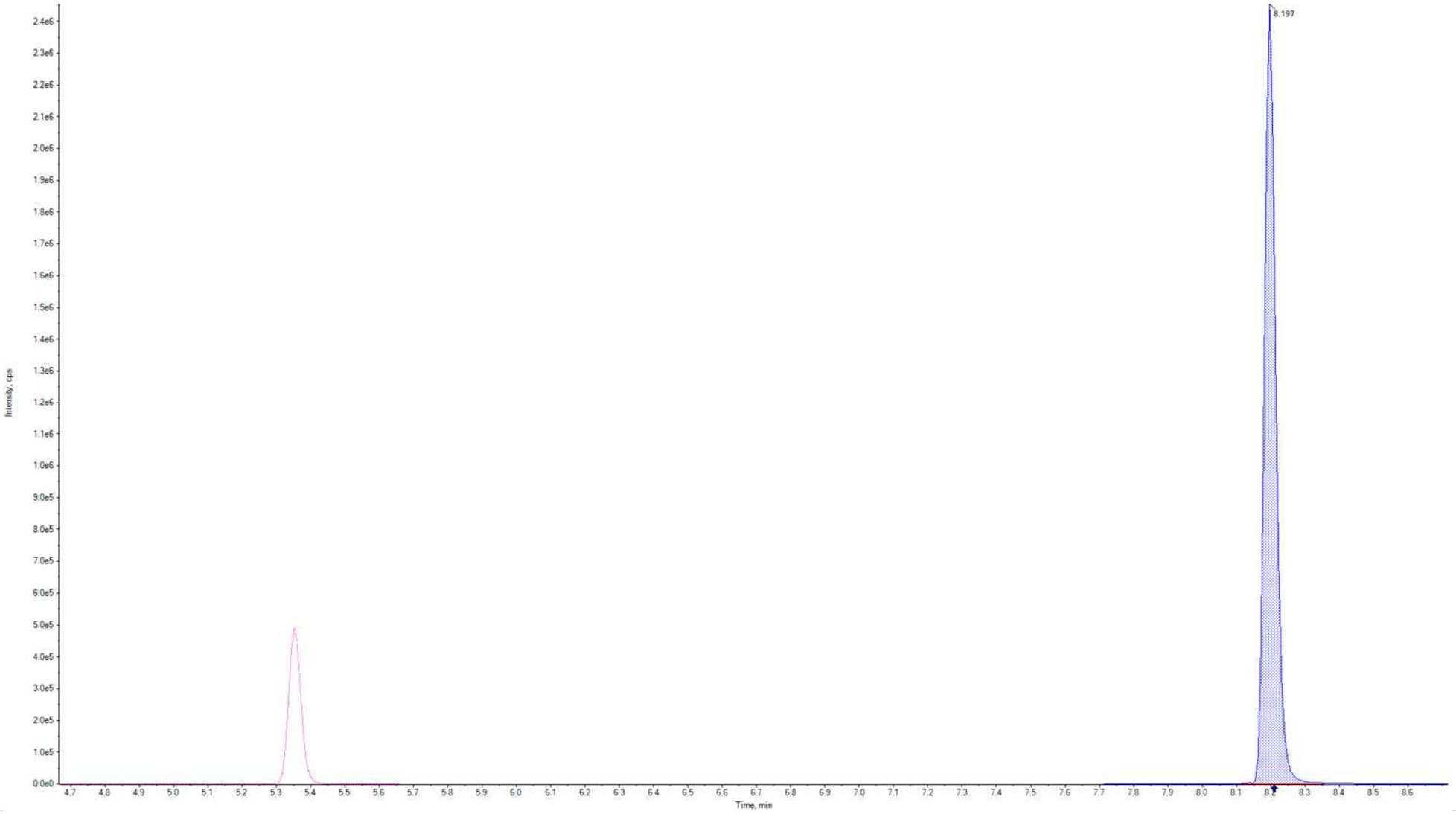
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

5:3FTCA_2
Sample: WG1972379-8,1633MED S/N:20306.8 Points Across peak:55



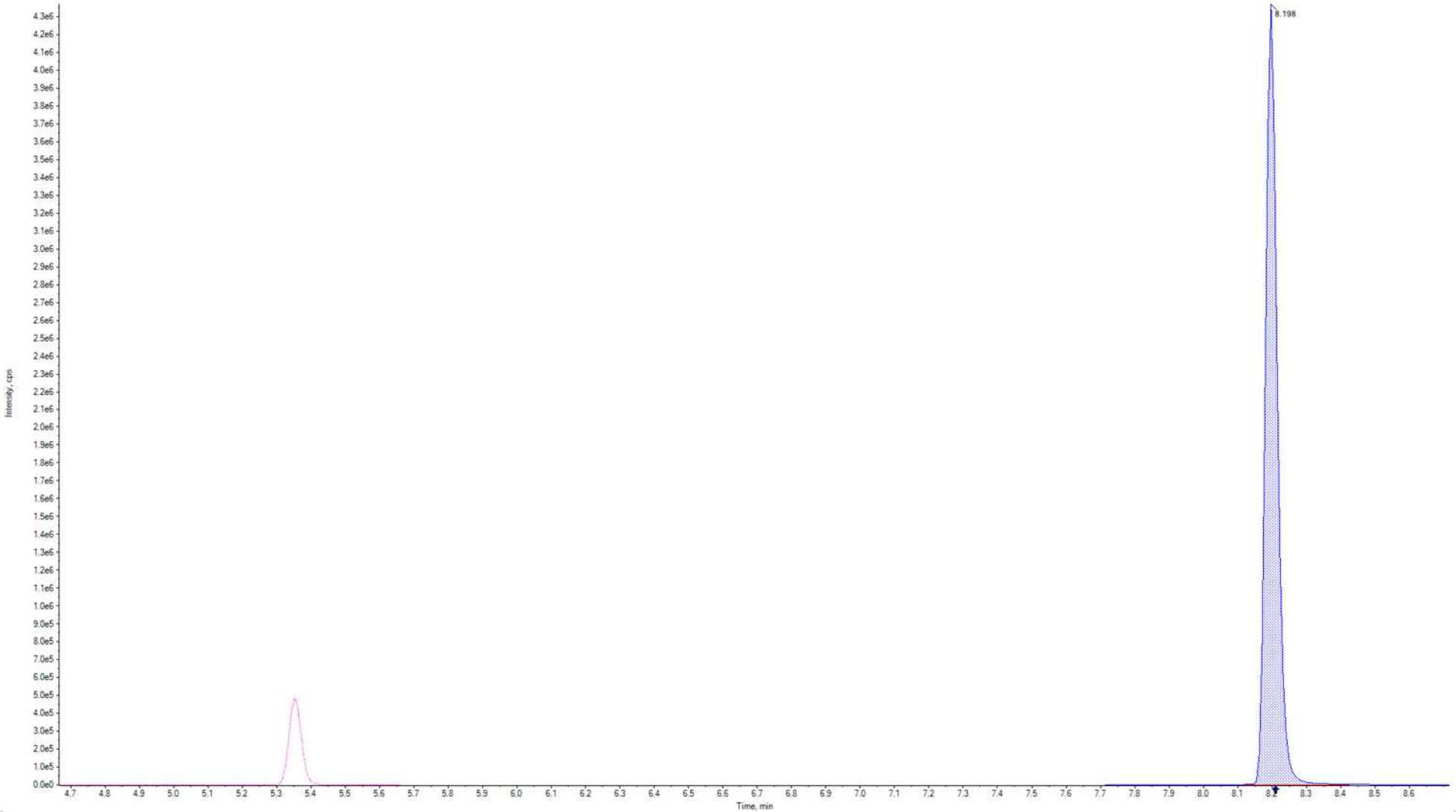
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

7:3FTCA
Sample: WG1972379-8,1633MED S/N:10852.9 Points Across peak:32



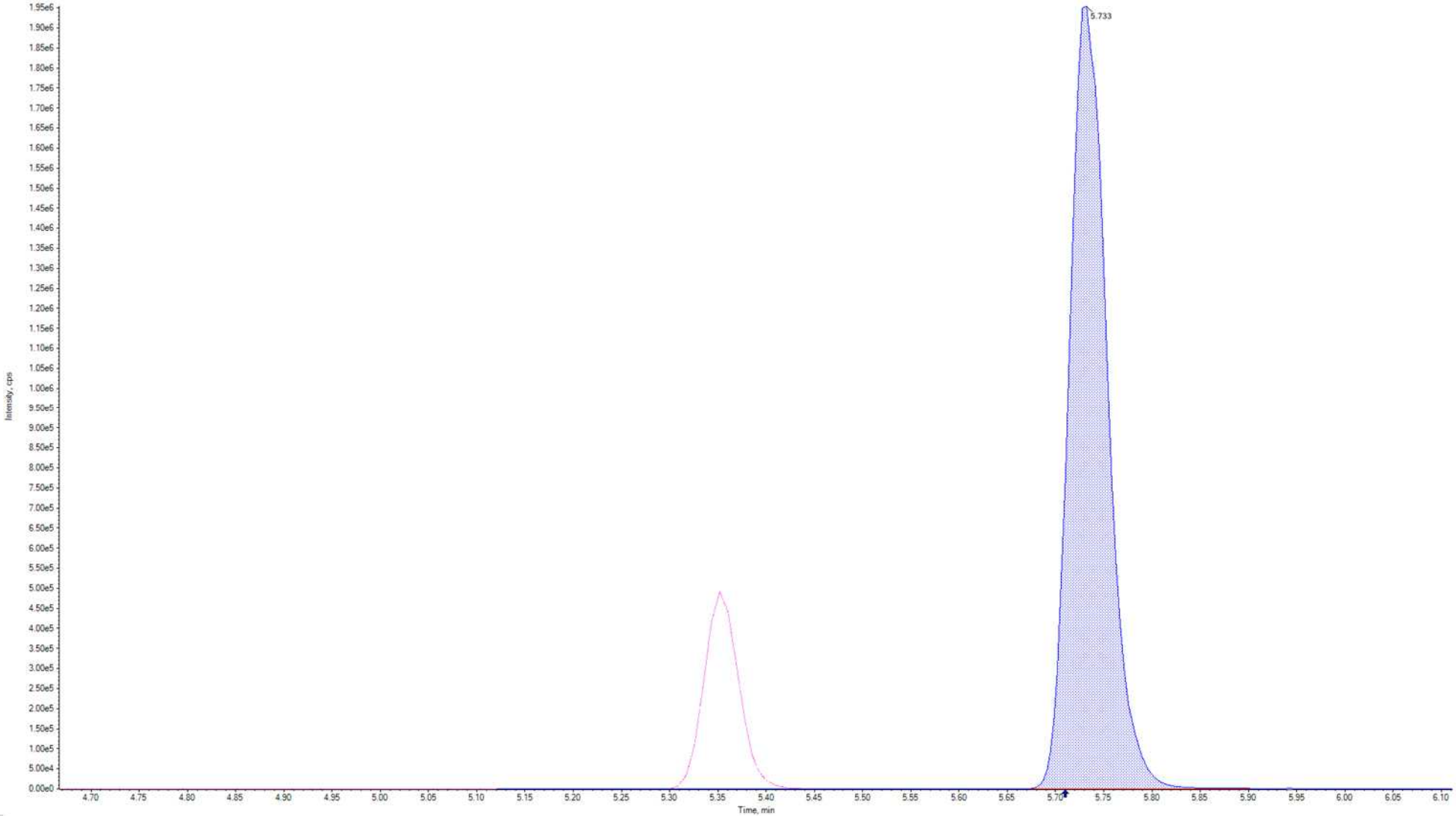
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

7:3FTCA_2
Sample: WG1972379-8,1633MED S/N:67571.8 Points Across peak:41



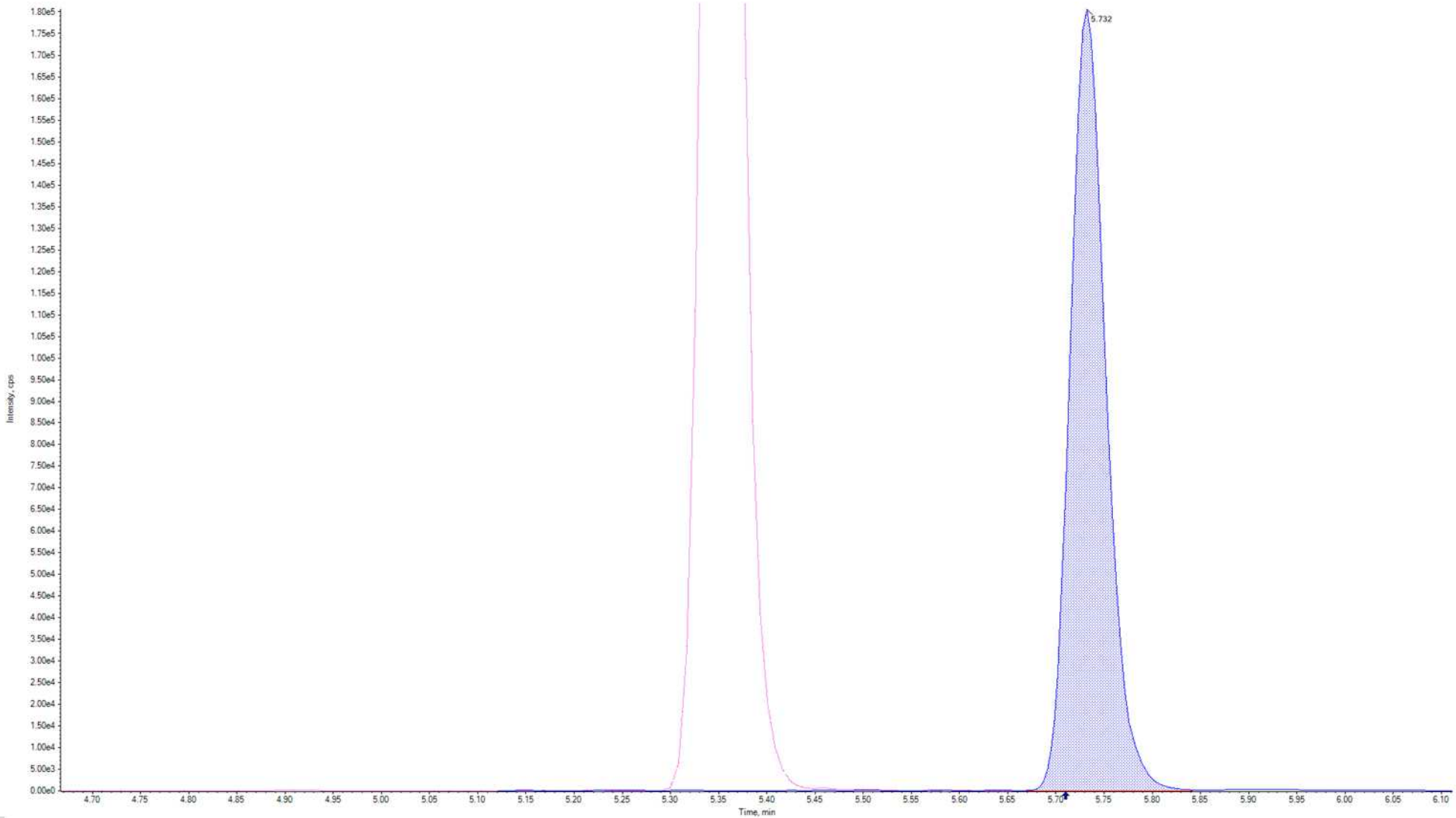
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFEESA
Sample: WG1972379-8,1633MED S/N:9575.3 Points Across peak:53



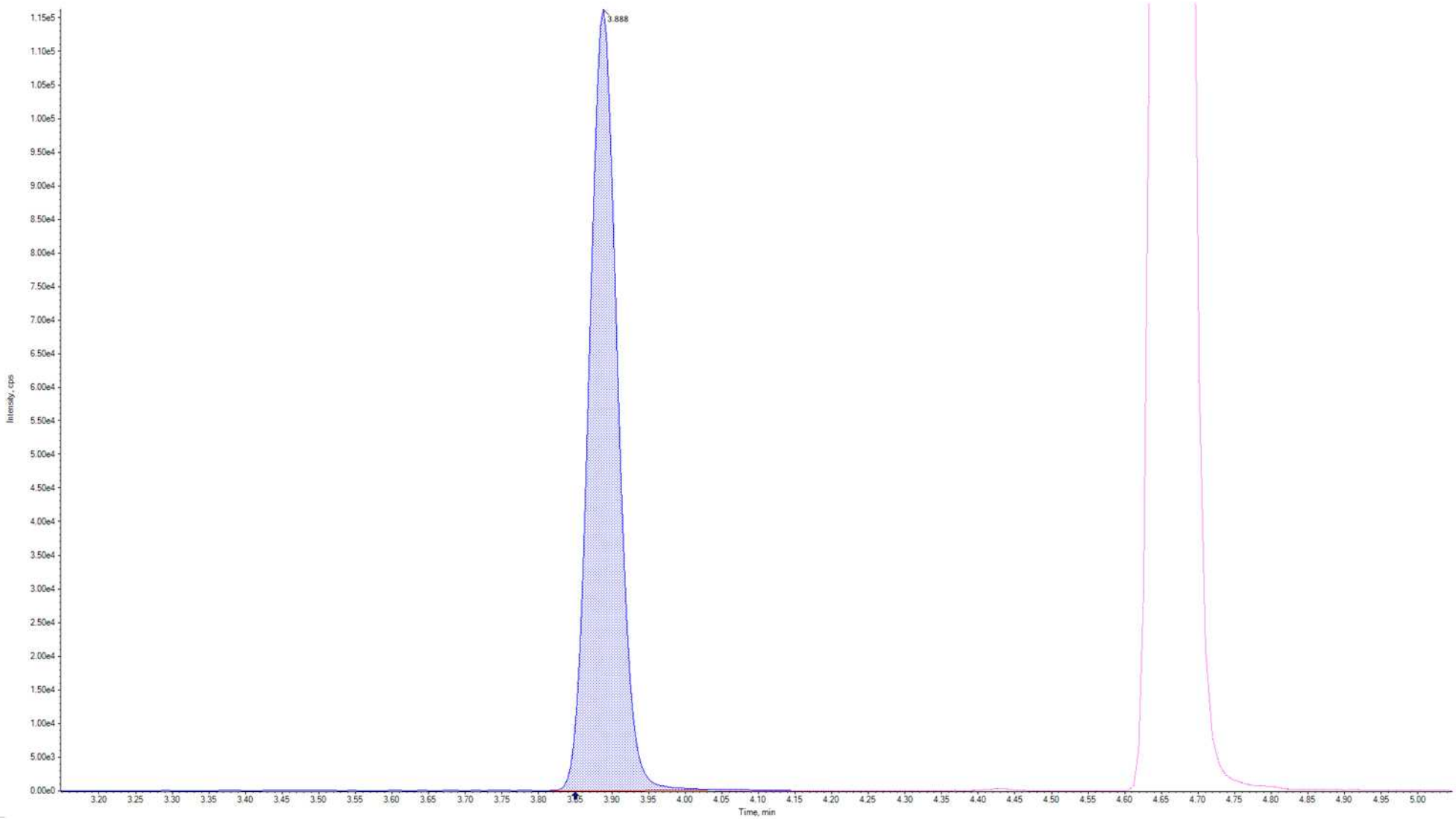
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFEESA_2
Sample: WG1972379-8,1633MED S/N:4072.4 Points Across peak:41



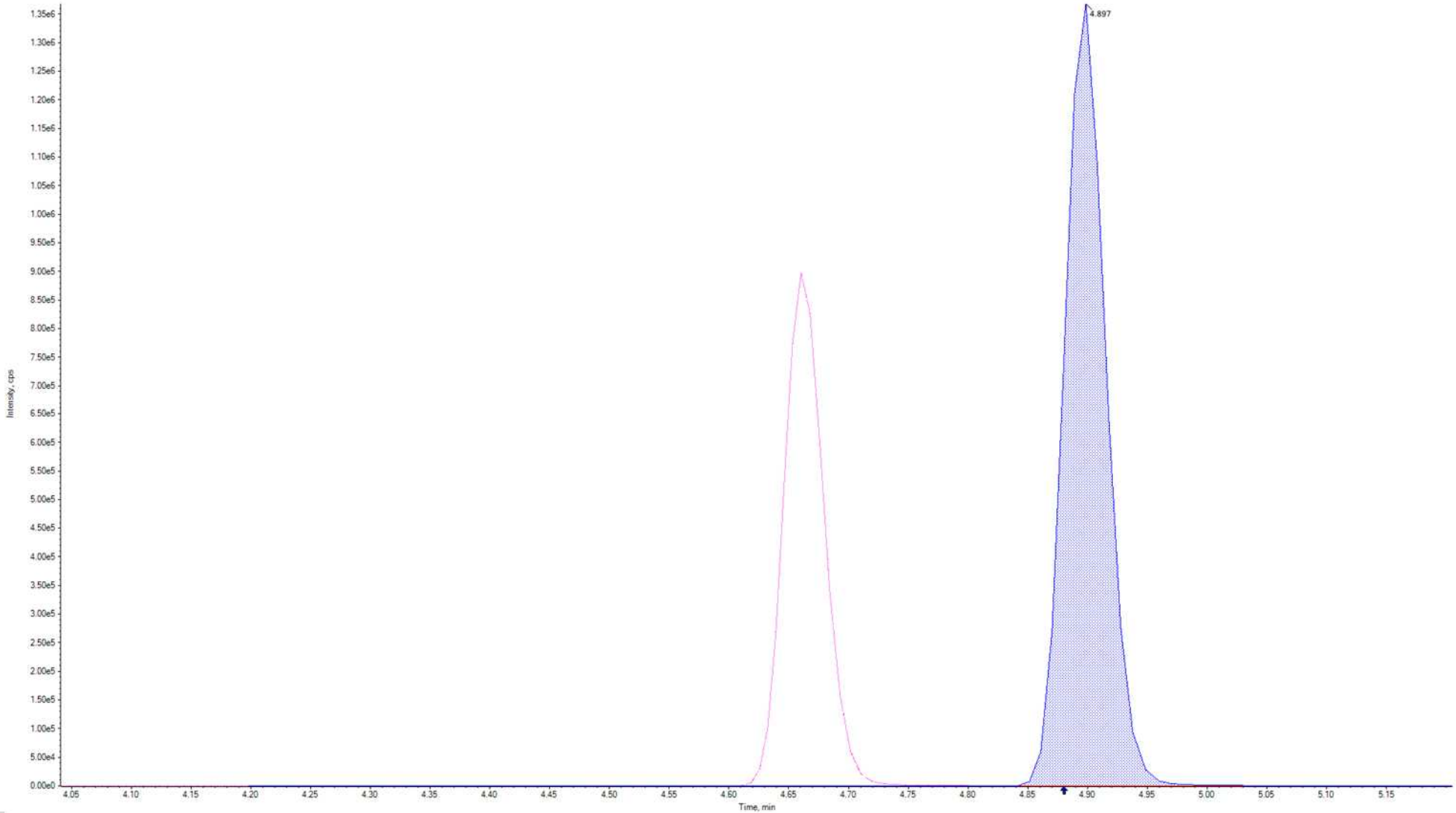
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFMPA
Sample: WG1972379-8,1633MED S/N:6113.7 Points Across peak:57



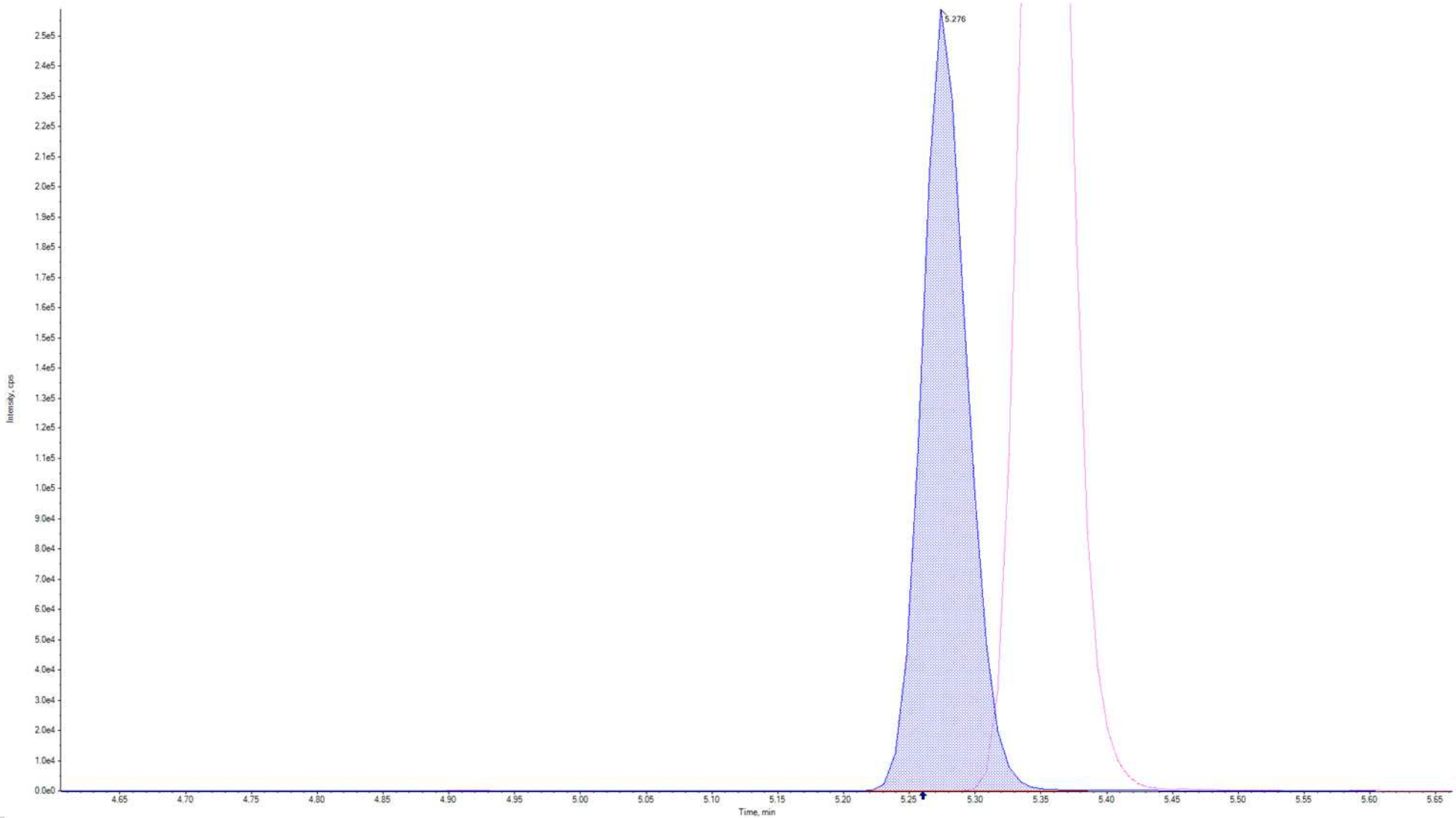
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

PFMBA
Sample: WG1972379-8,1633MED S/N:17614.8 Points Across peak:34



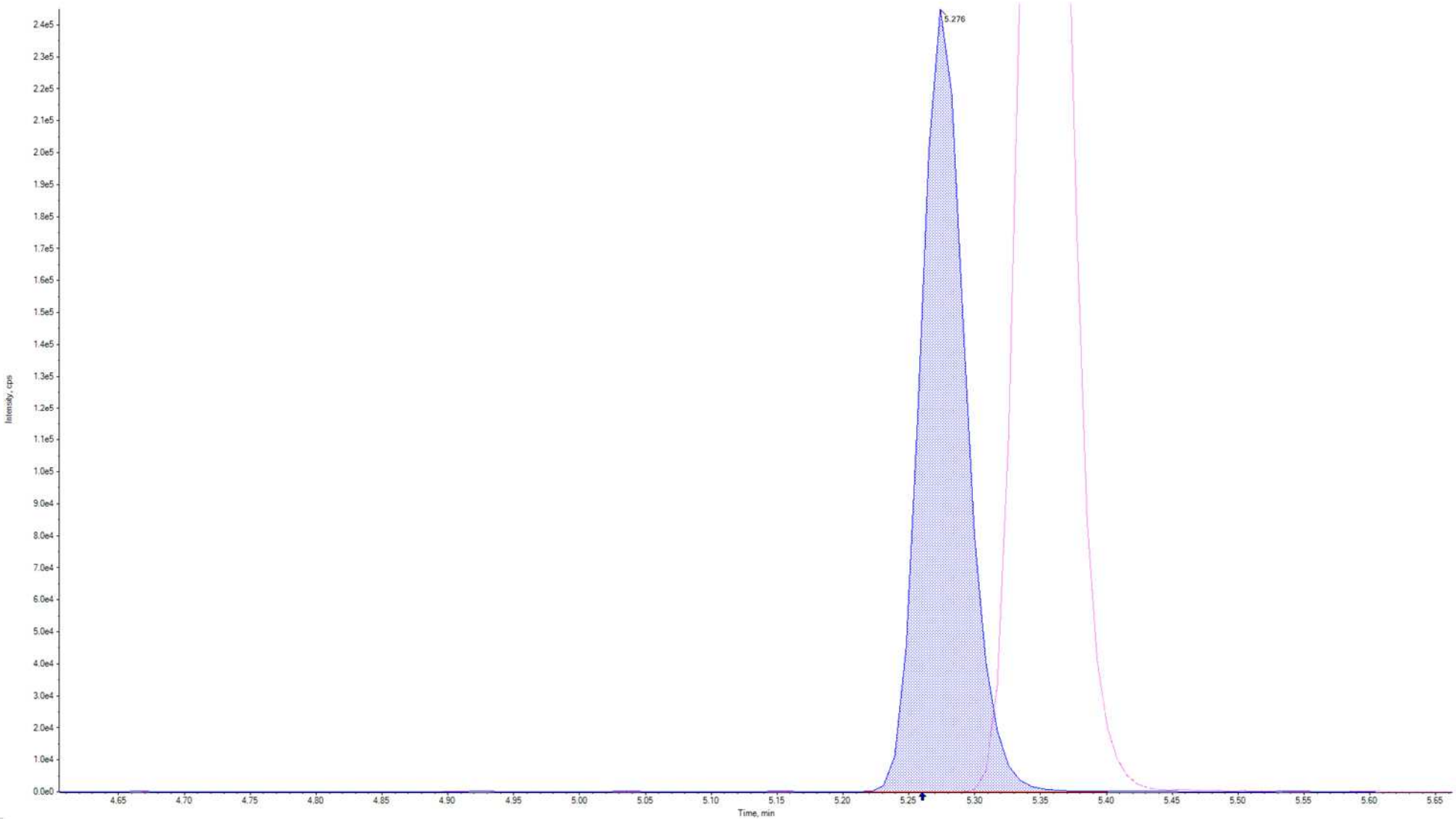
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

NFDHA
Sample: WG1972379-8,1633MED S/N:22261273.6 Points Across peak:22



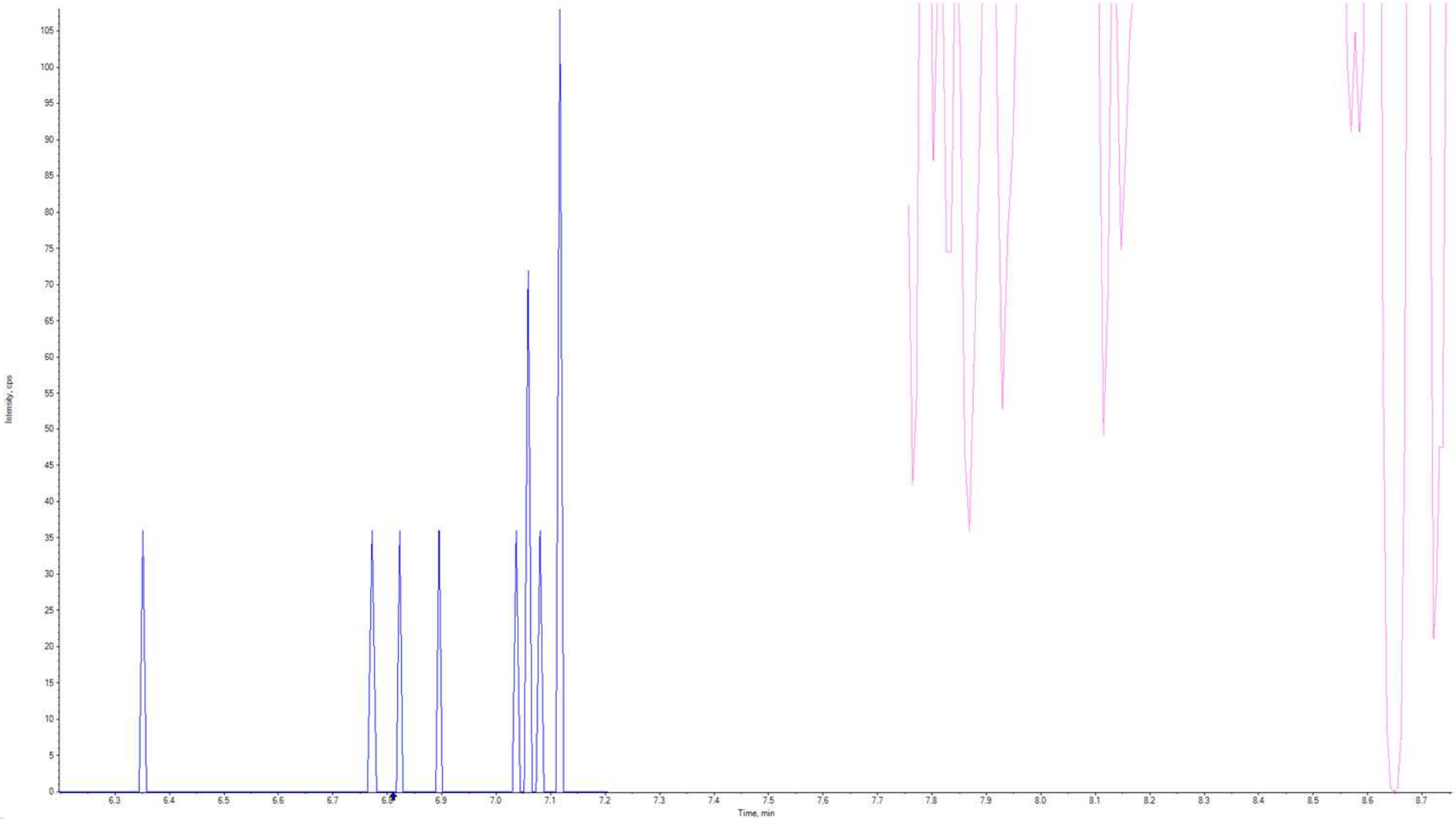
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

NFDHA_2
Sample: WG1972379-8,1633MED S/N:4916.2 Points Across peak:26

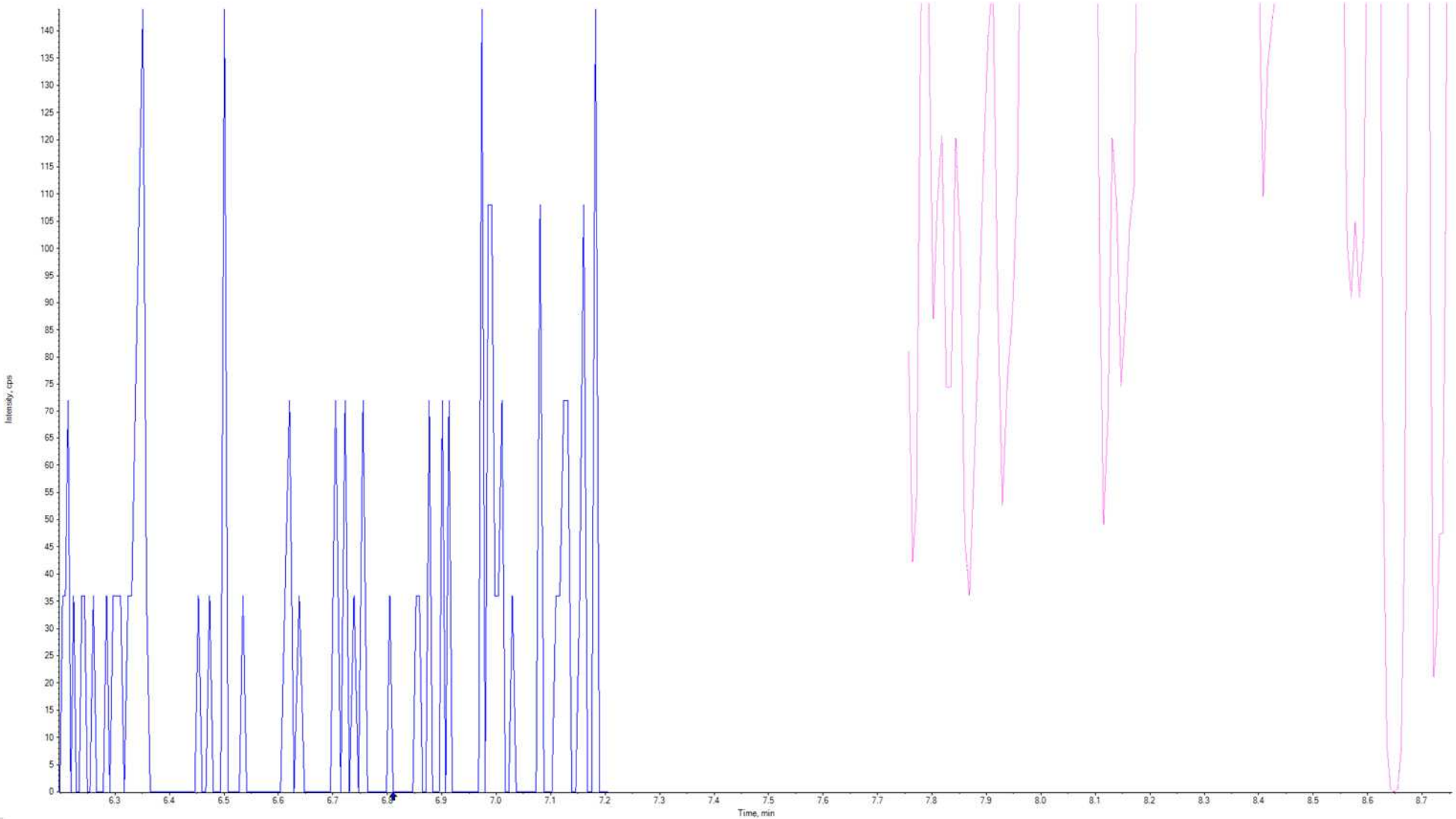


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

TDCA
Sample: WG1972379-8,1633MED S/N:N/A Points Across peak:N/A

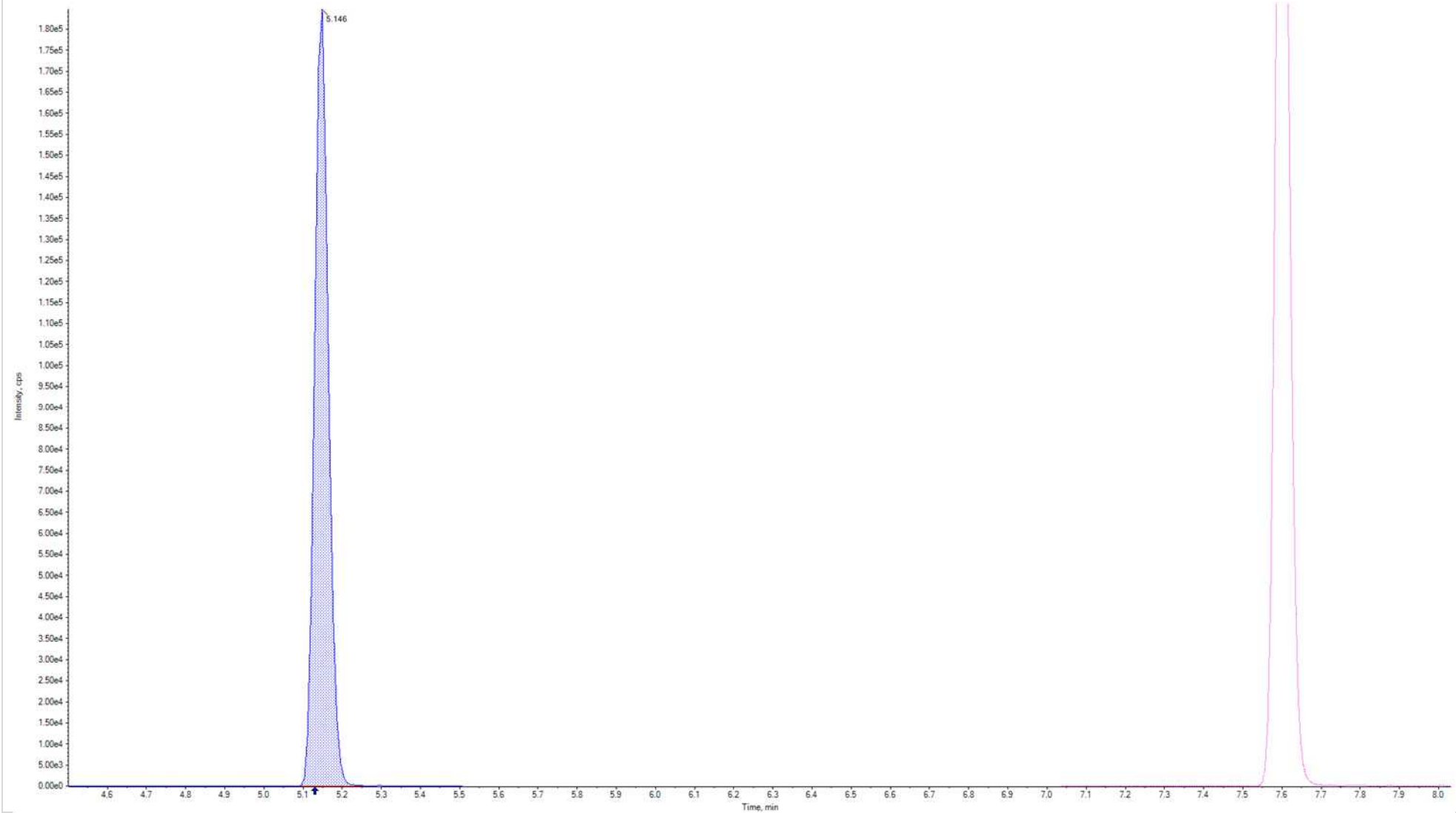


TDCA_2
Sample: WG1972379-8,1633MED S/N:N/A Points Across peak:N/A



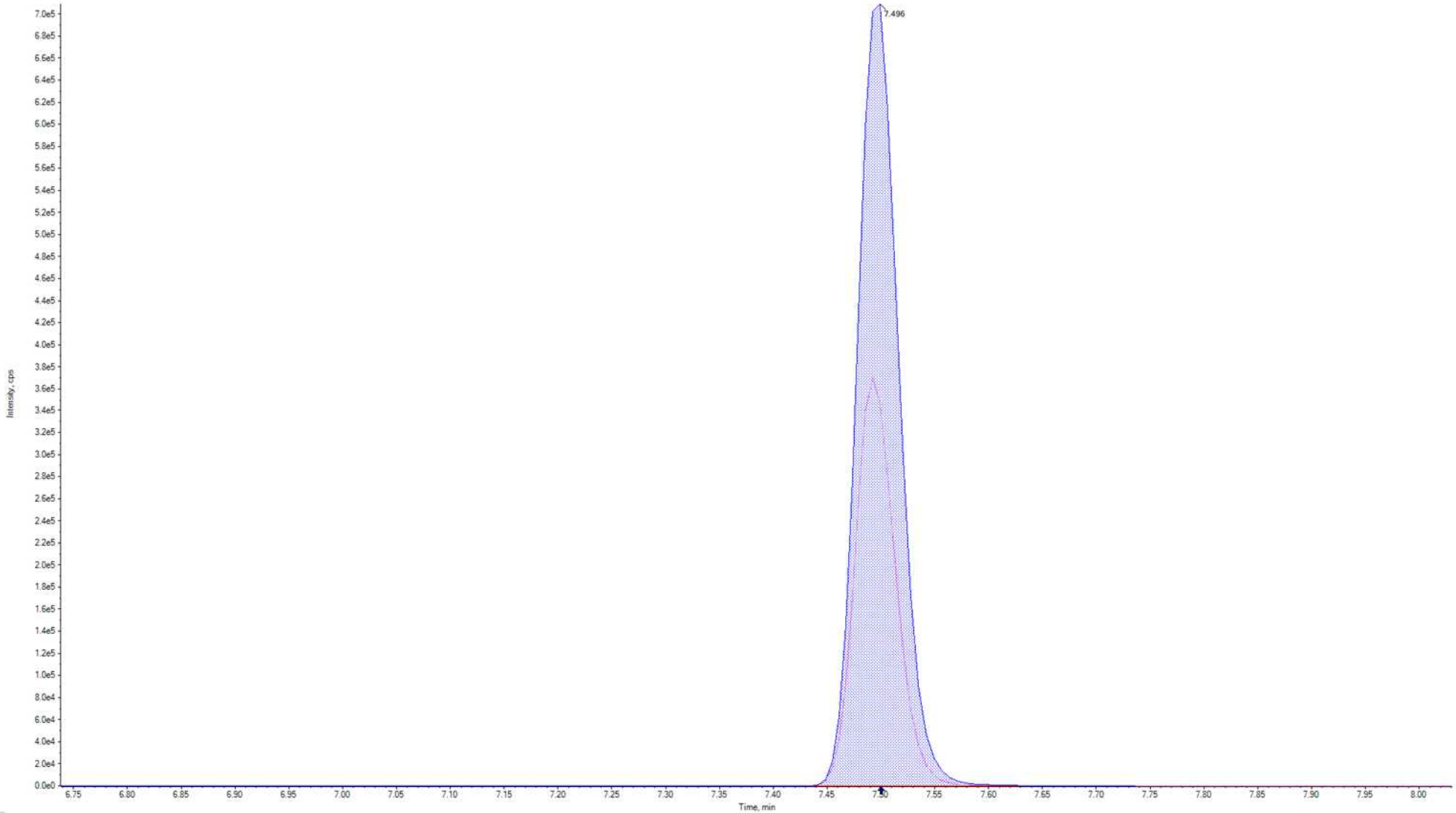
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

13C2D4-4:2FTS
Sample: WG1972379-8,1633MED S/N:1441.0 Points Across peak:24

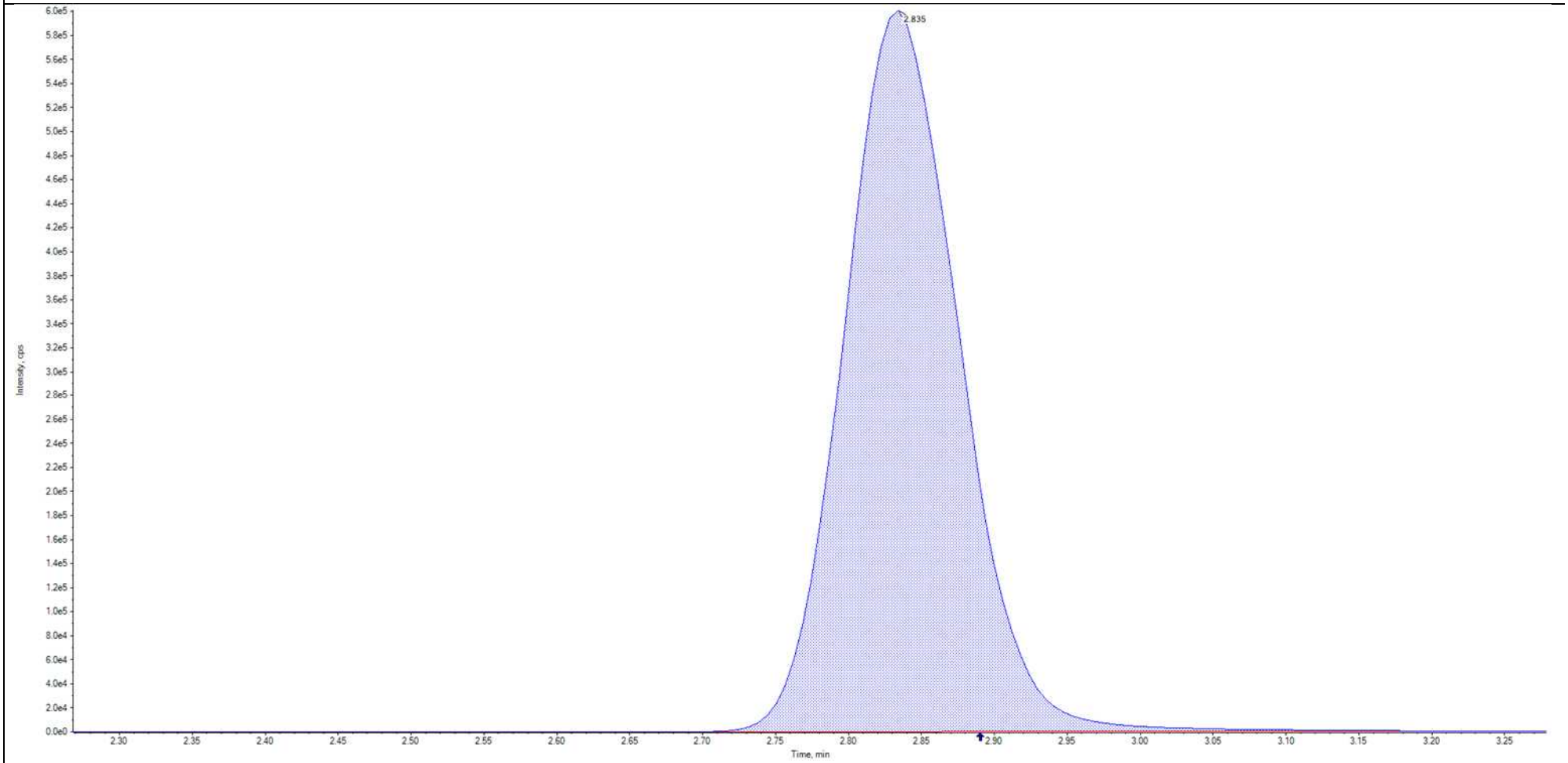


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 9/17/2024 6:15:27 AM

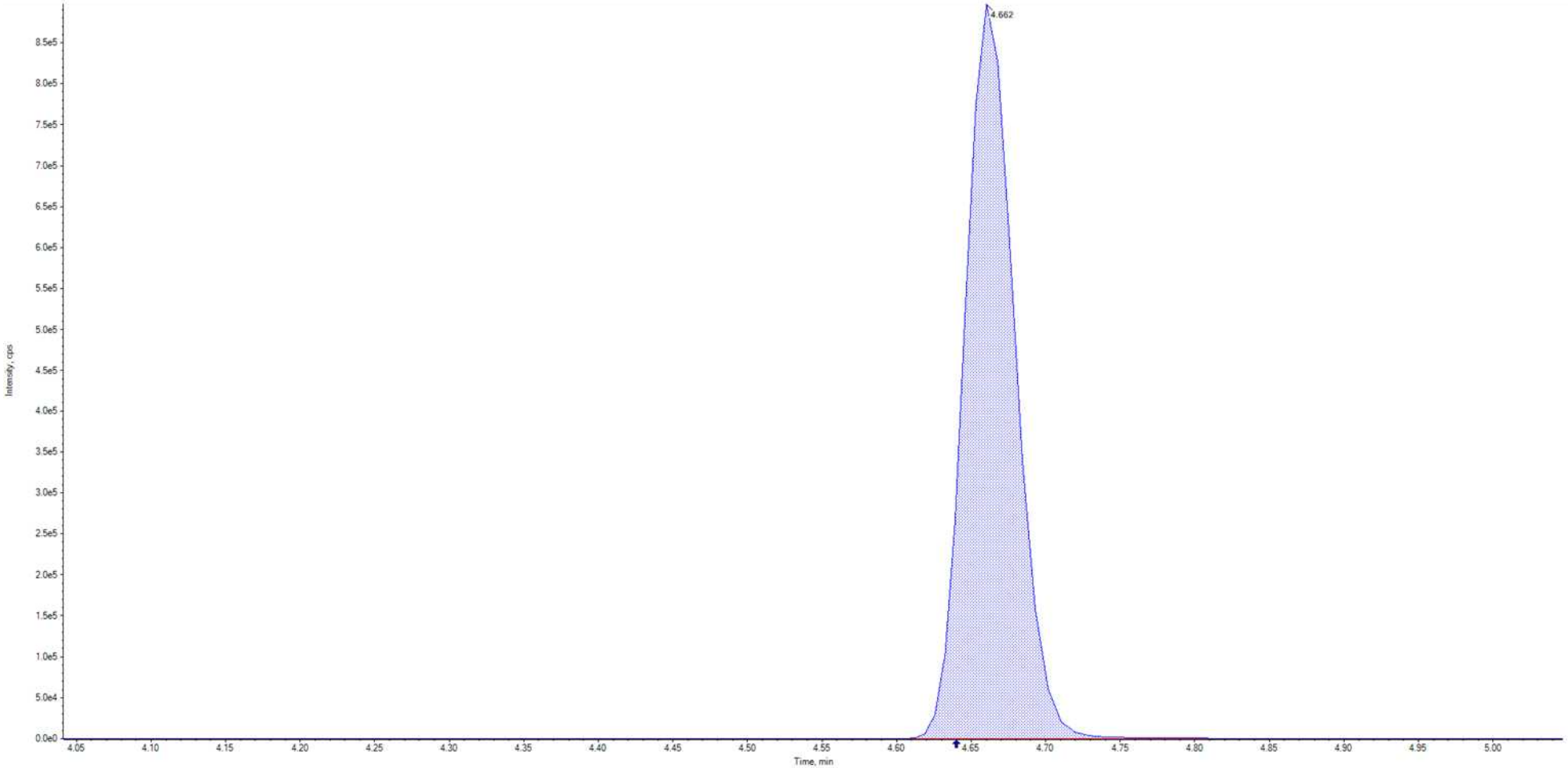
13C2-PFOA
Sample: WG1972379-8,1633MED S/N:11410.5 Points Across peak:34



13C4-PFBA
Sample: WG1972379-8,1633MED

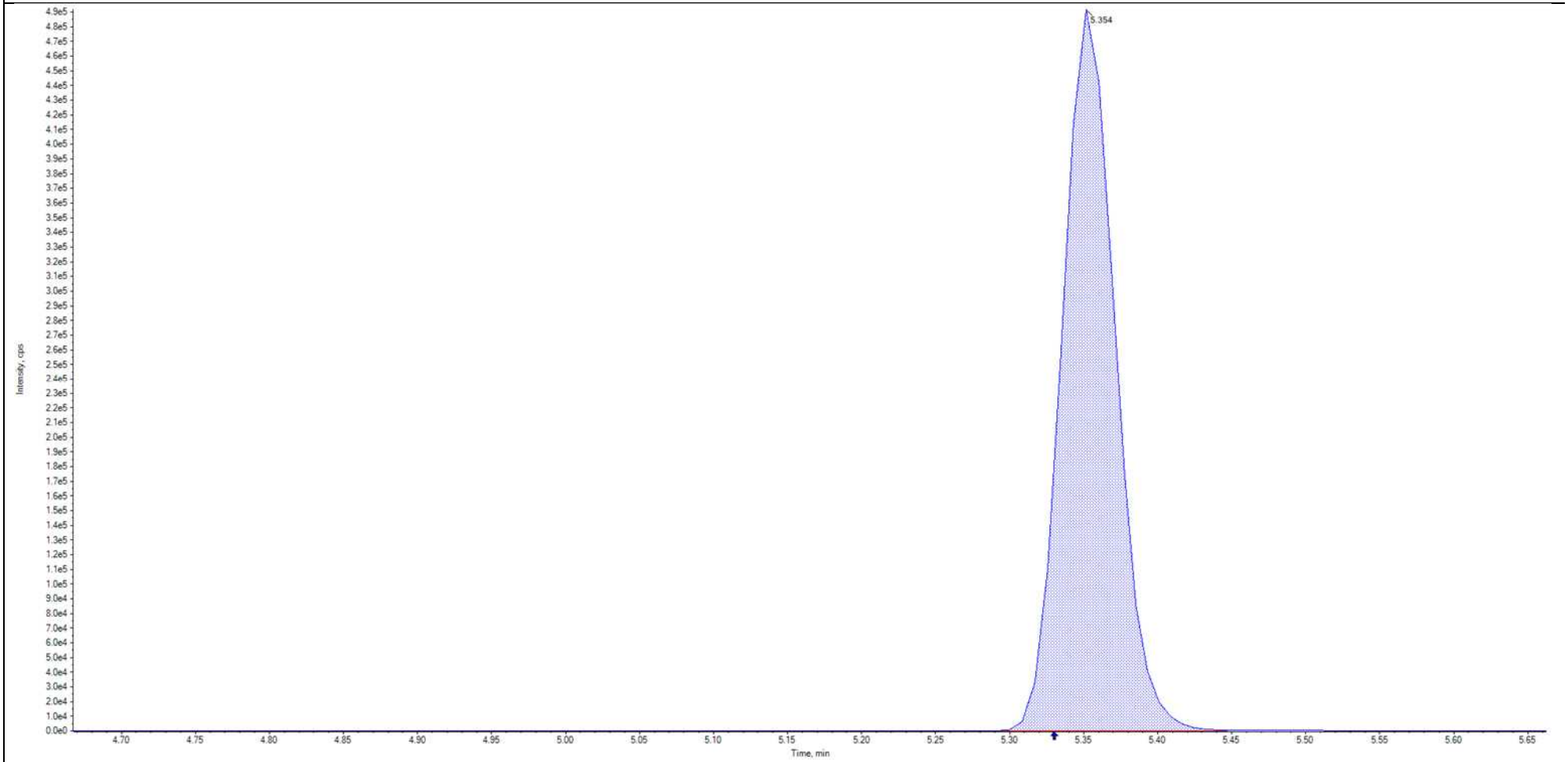


13C5-PFPeA
Sample: WG1972379-8,1633MED

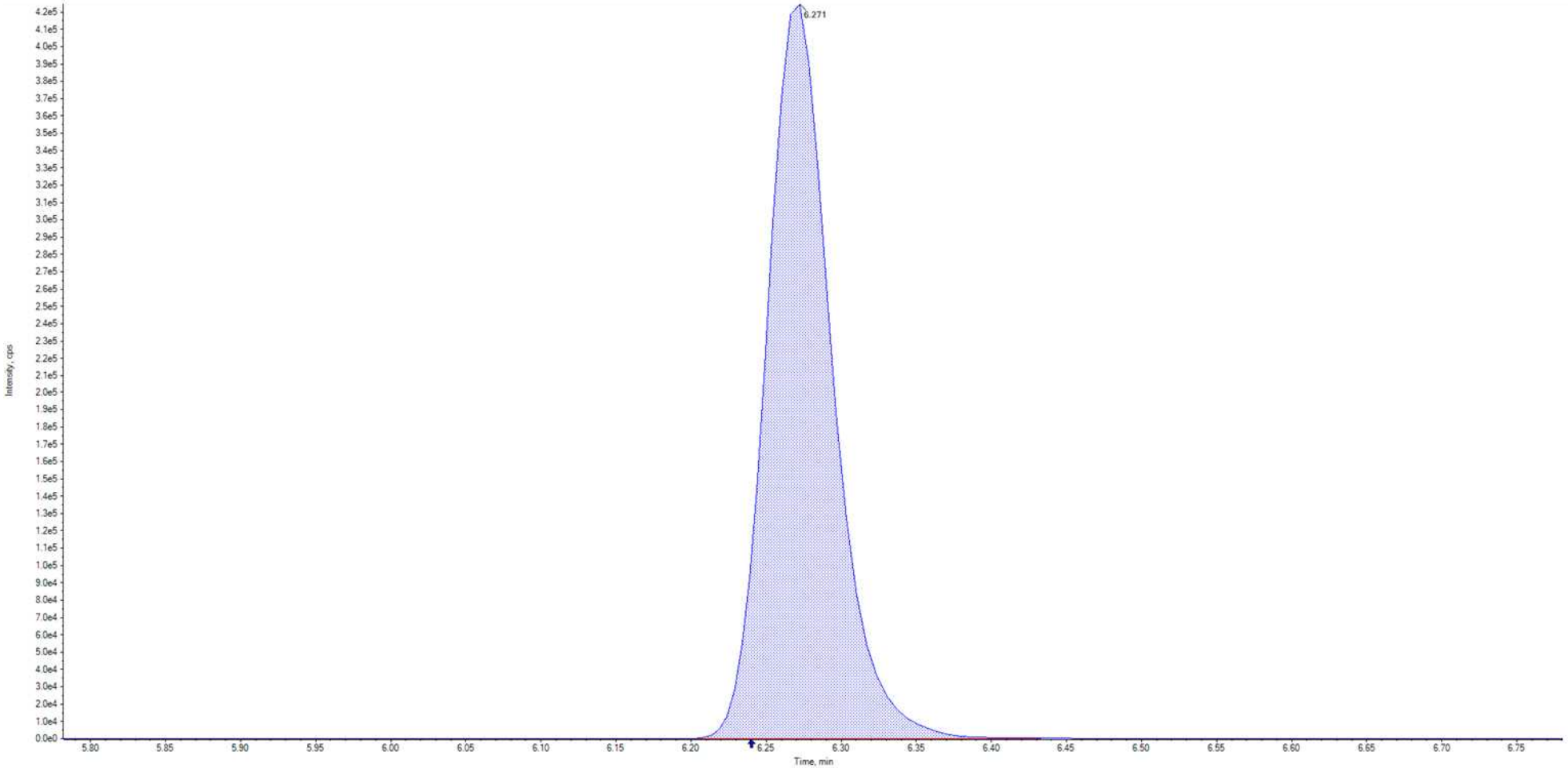


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

13C5-PFHxA
Sample: WG1972379-8,1633MED

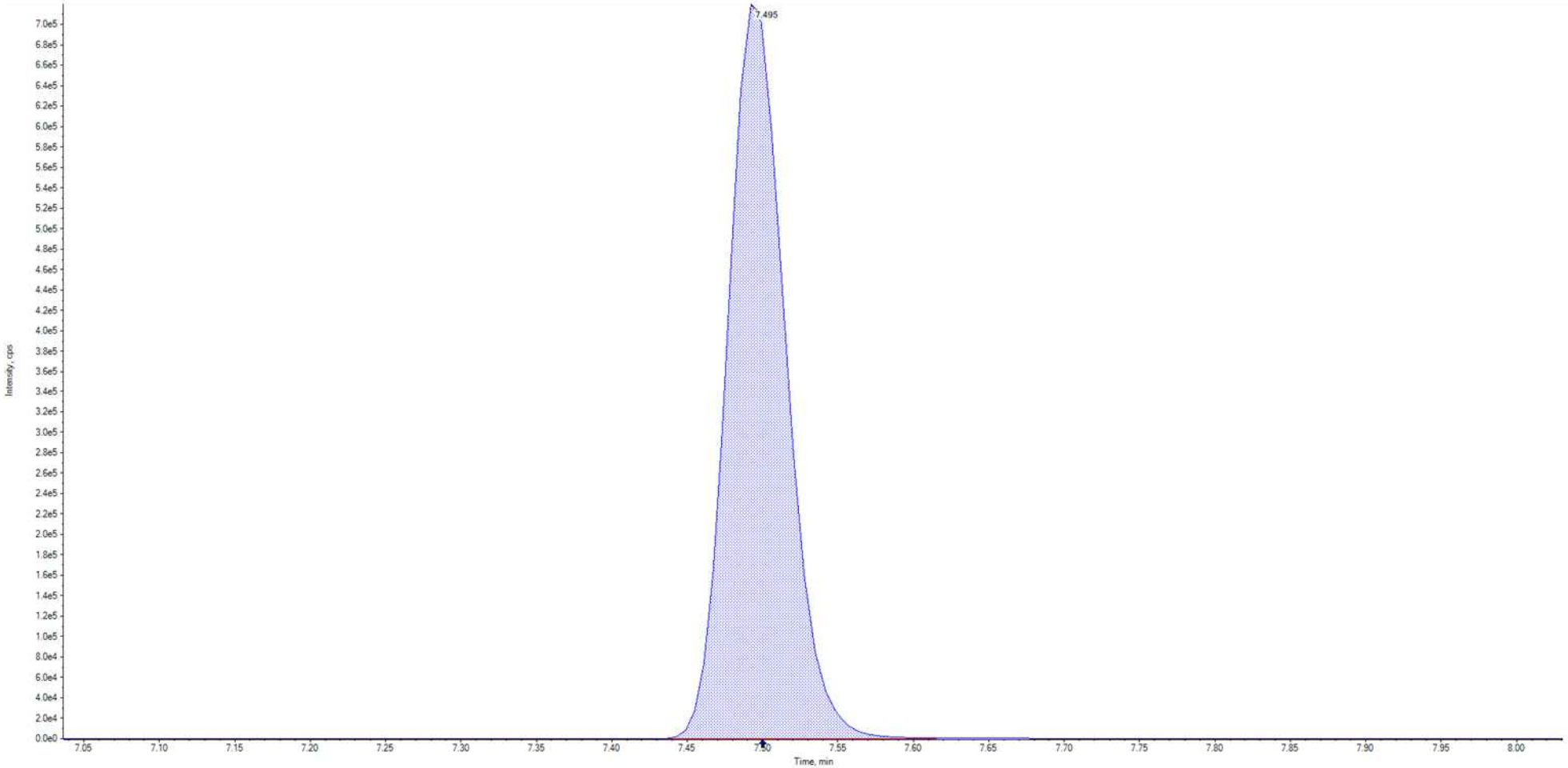


13C4-PFHpA
Sample: WG1972379-8,1633MED

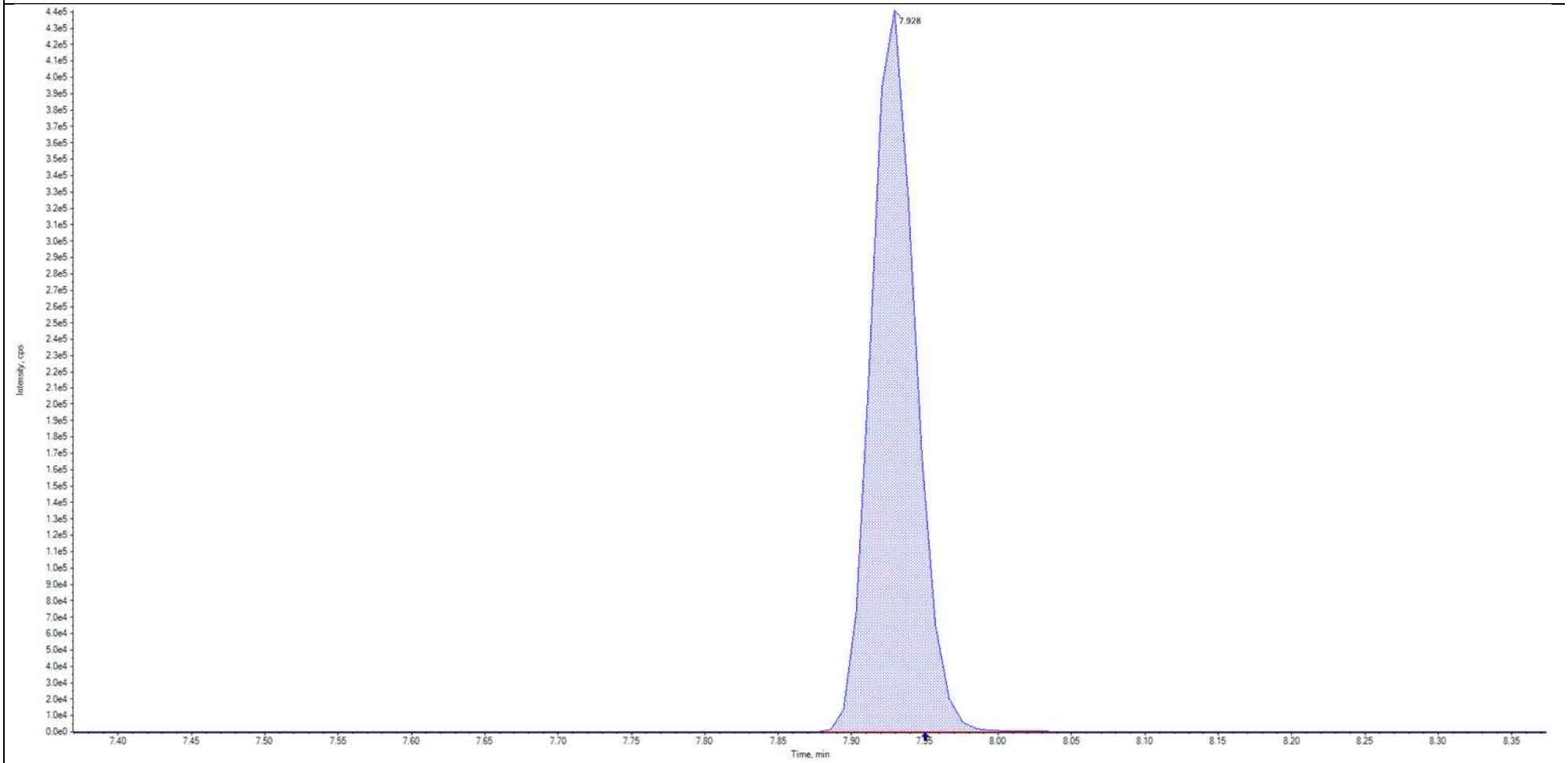


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

13C8-PFOA
Sample: WG1972379-8,1633MED

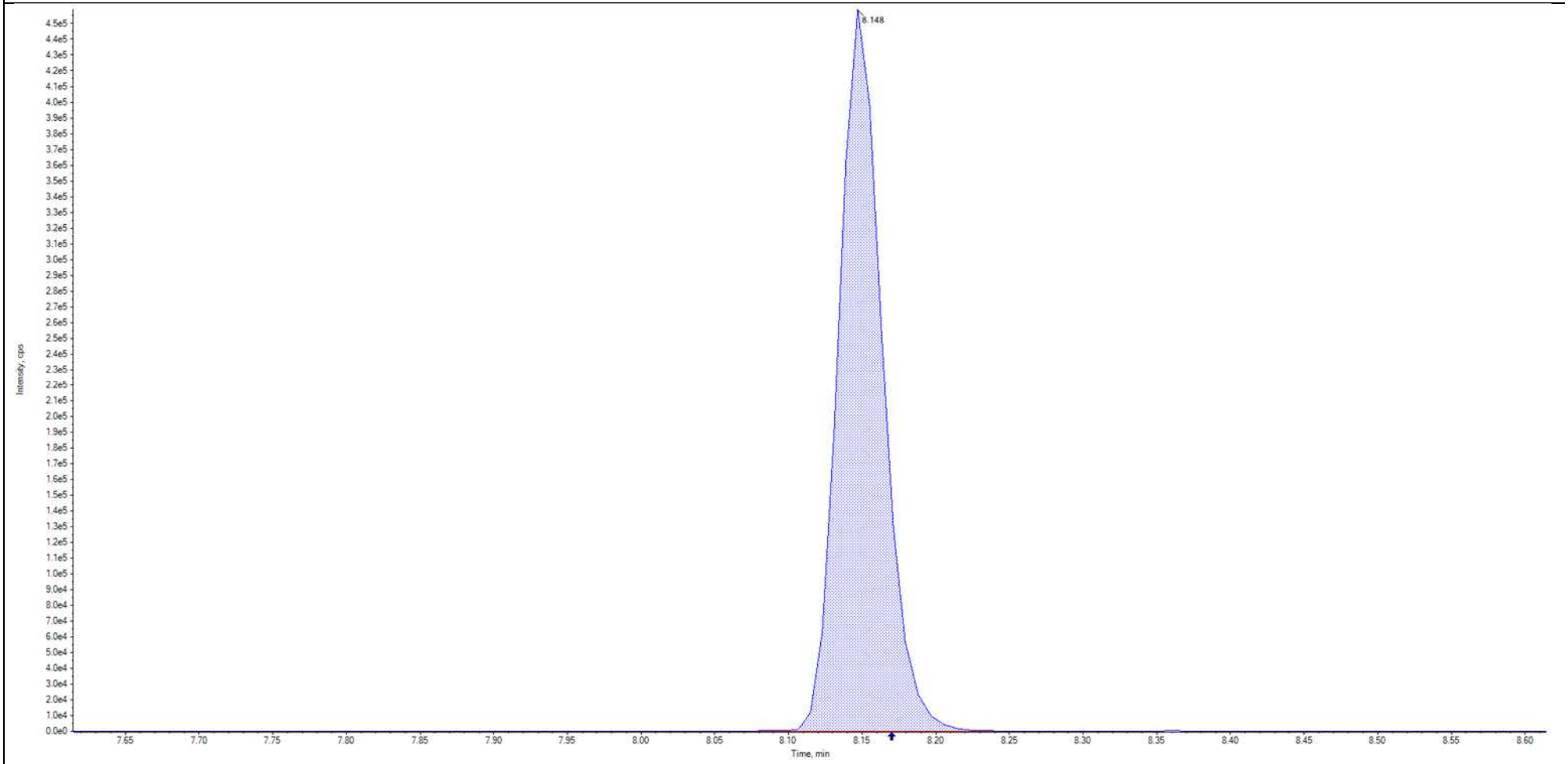


13C9-PFNA
Sample: WG1972379-8,1633MED



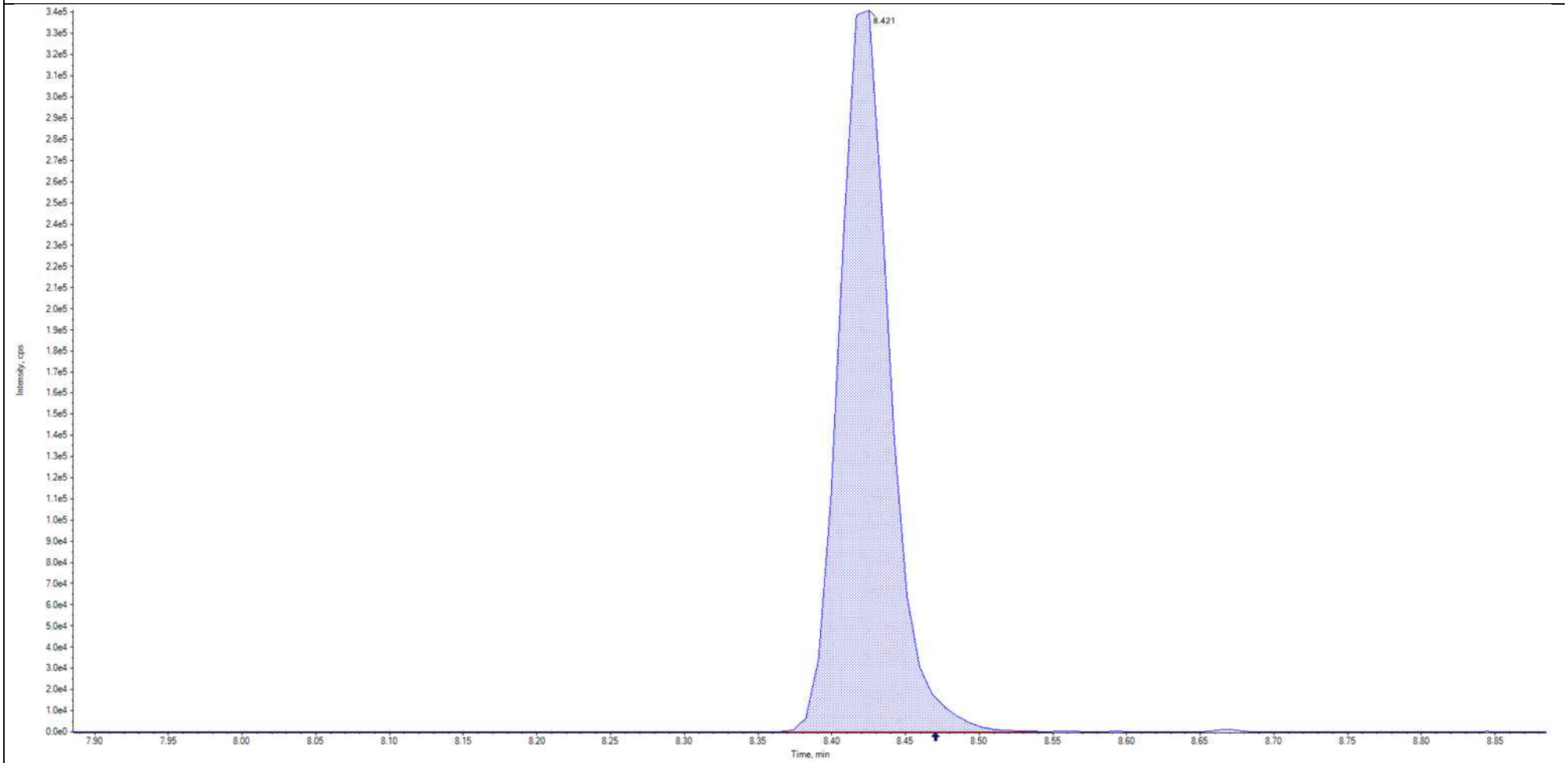
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

13C6-PFDA
Sample: WG1972379-8,1633MED



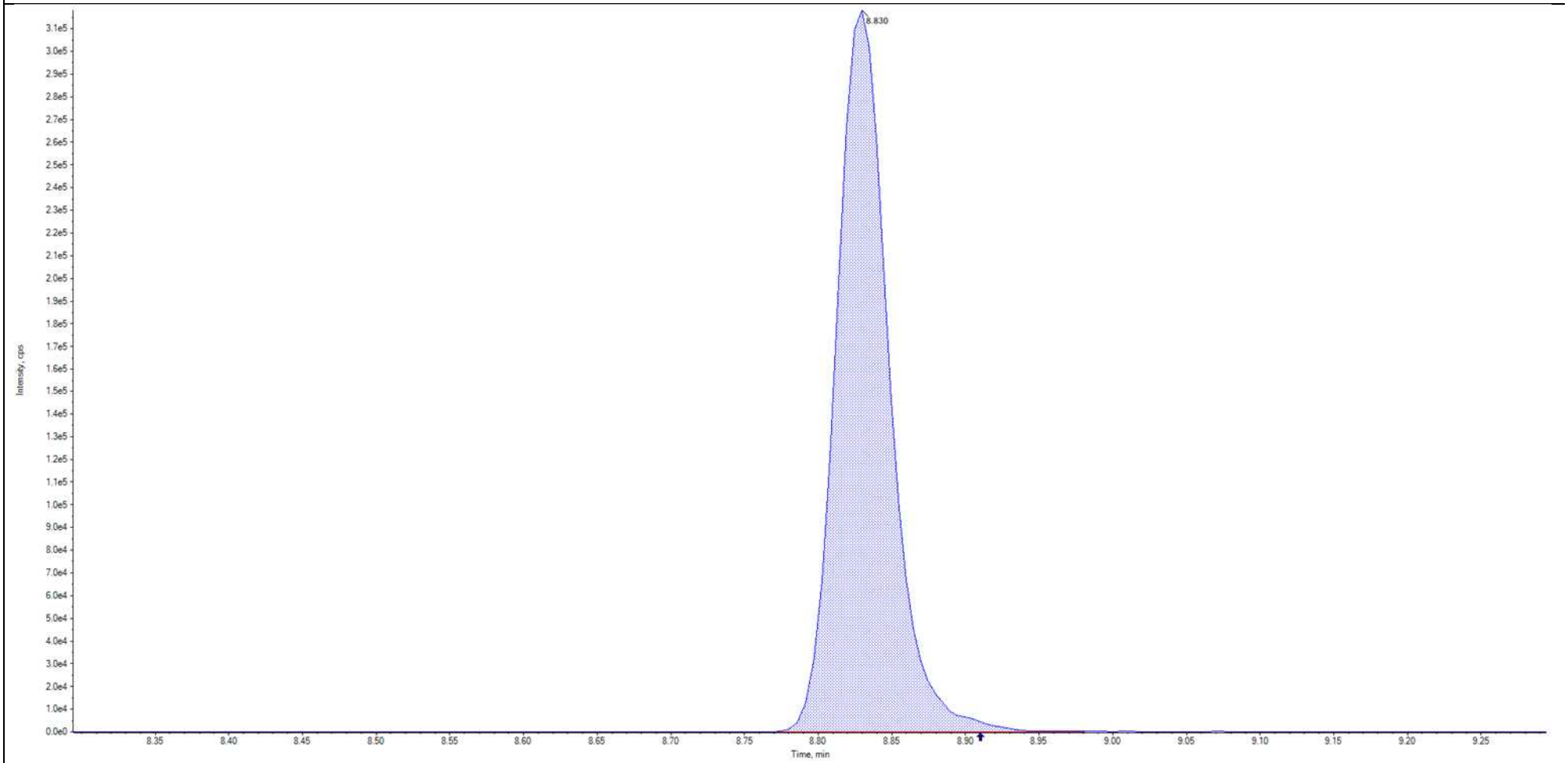
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

13C7-PFUnA
Sample: WG1972379-8,1633MED

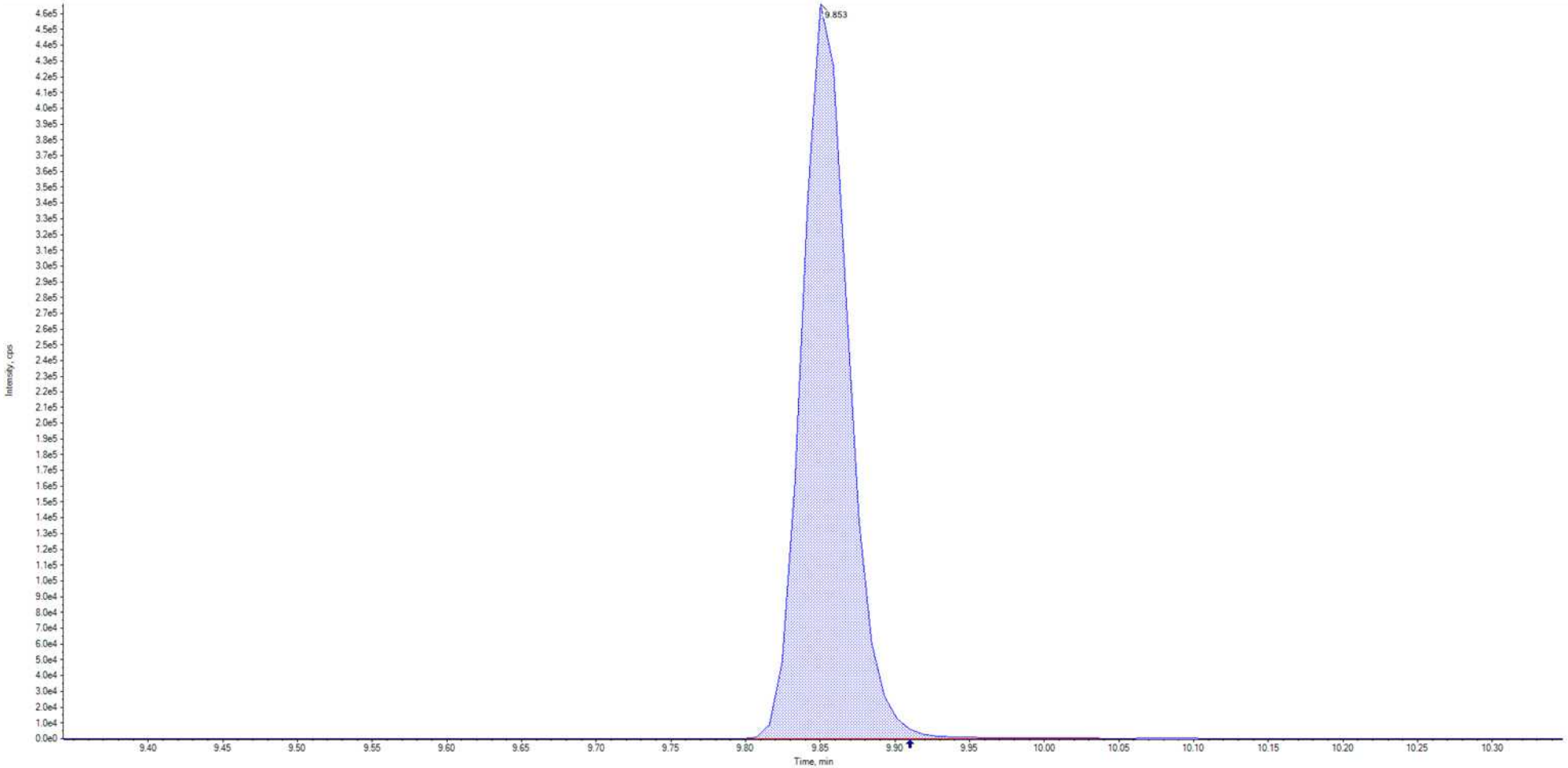


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 9/17/2024 6:15:27 AM

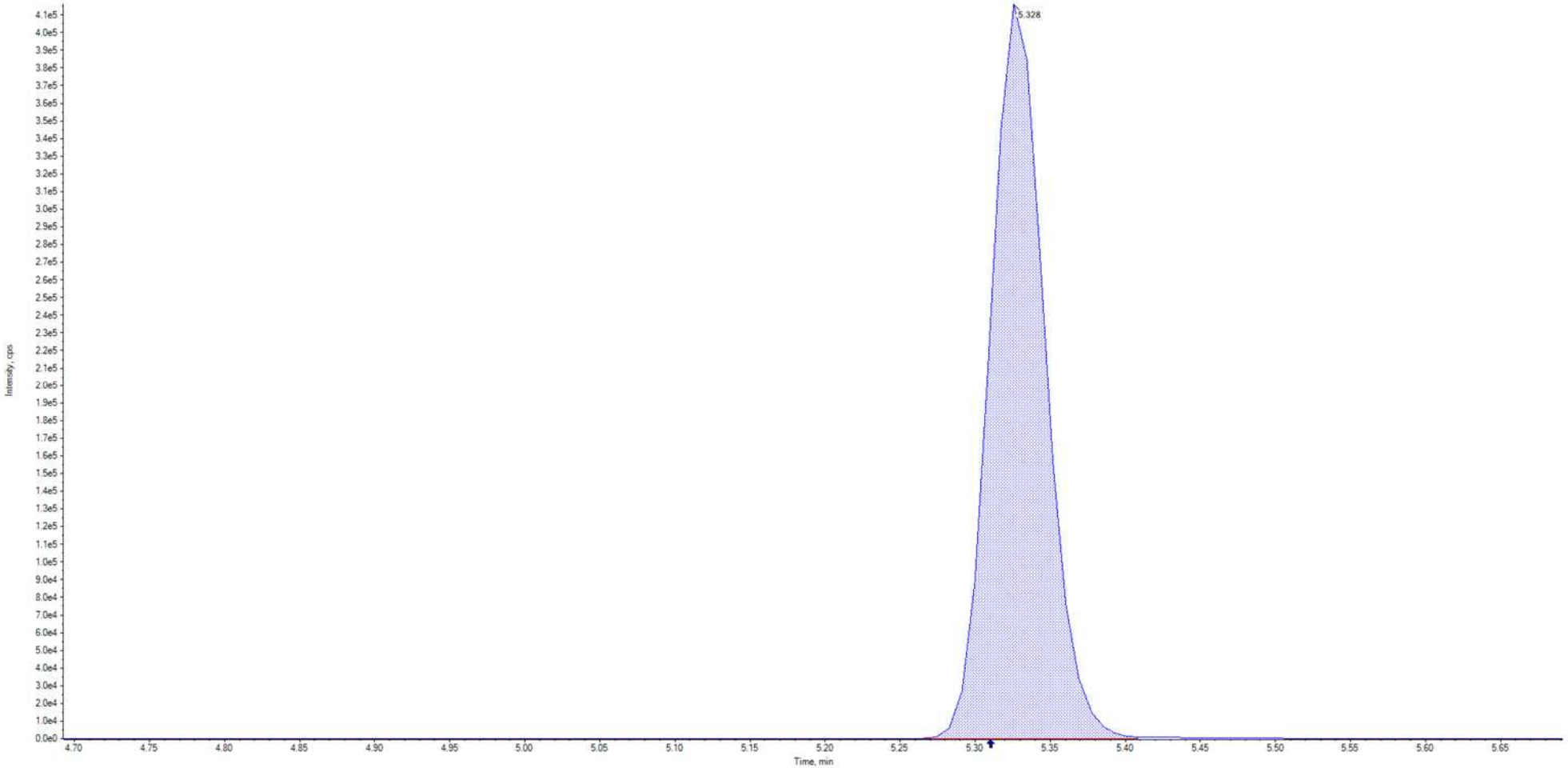
13C2-PFDoA
Sample: WG1972379-8,1633MED



13C2-PFTeDA
Sample: WG1972379-8,1633MED

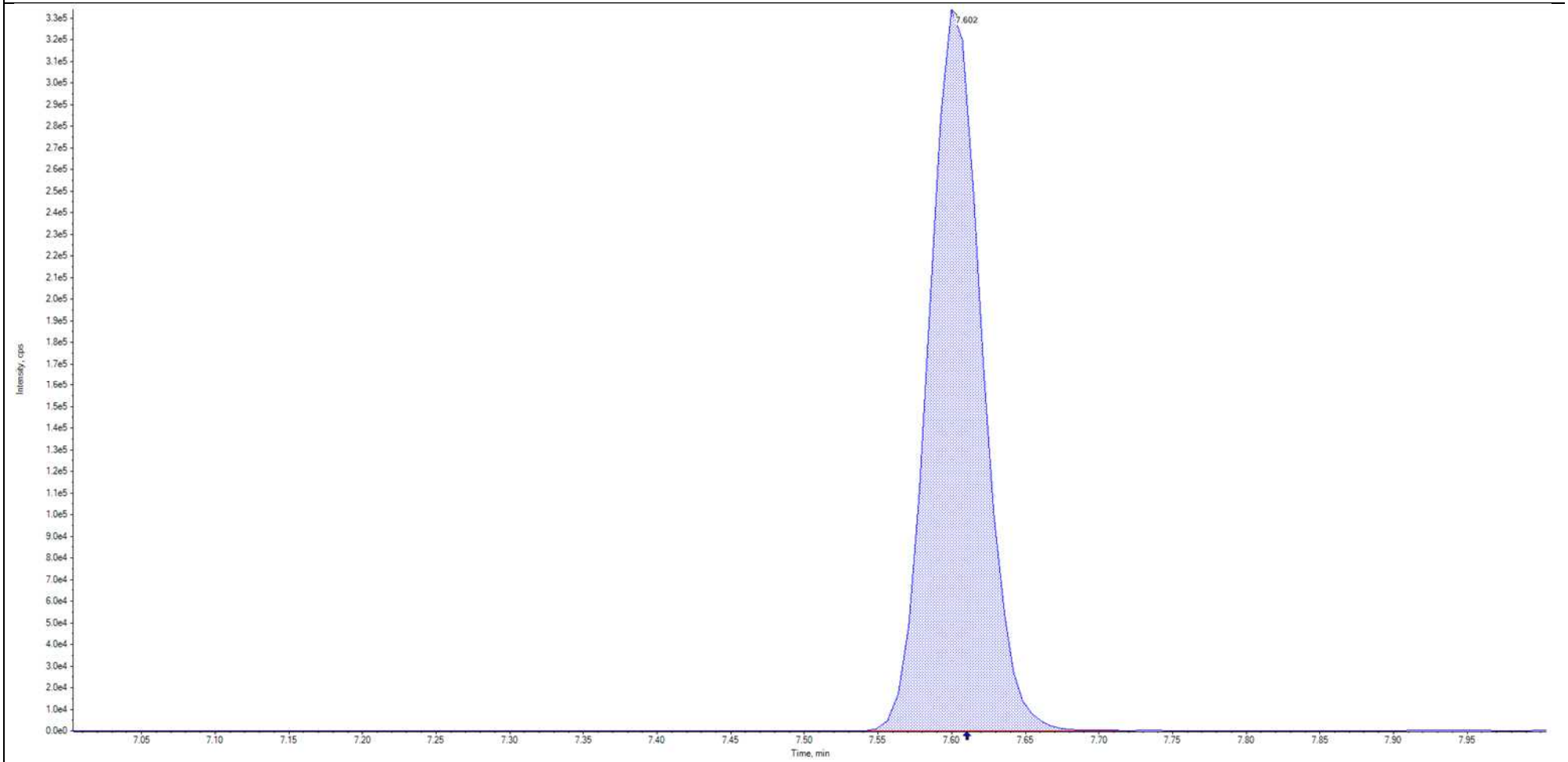


13C3-PFBS
Sample: WG1972379-8,1633MED



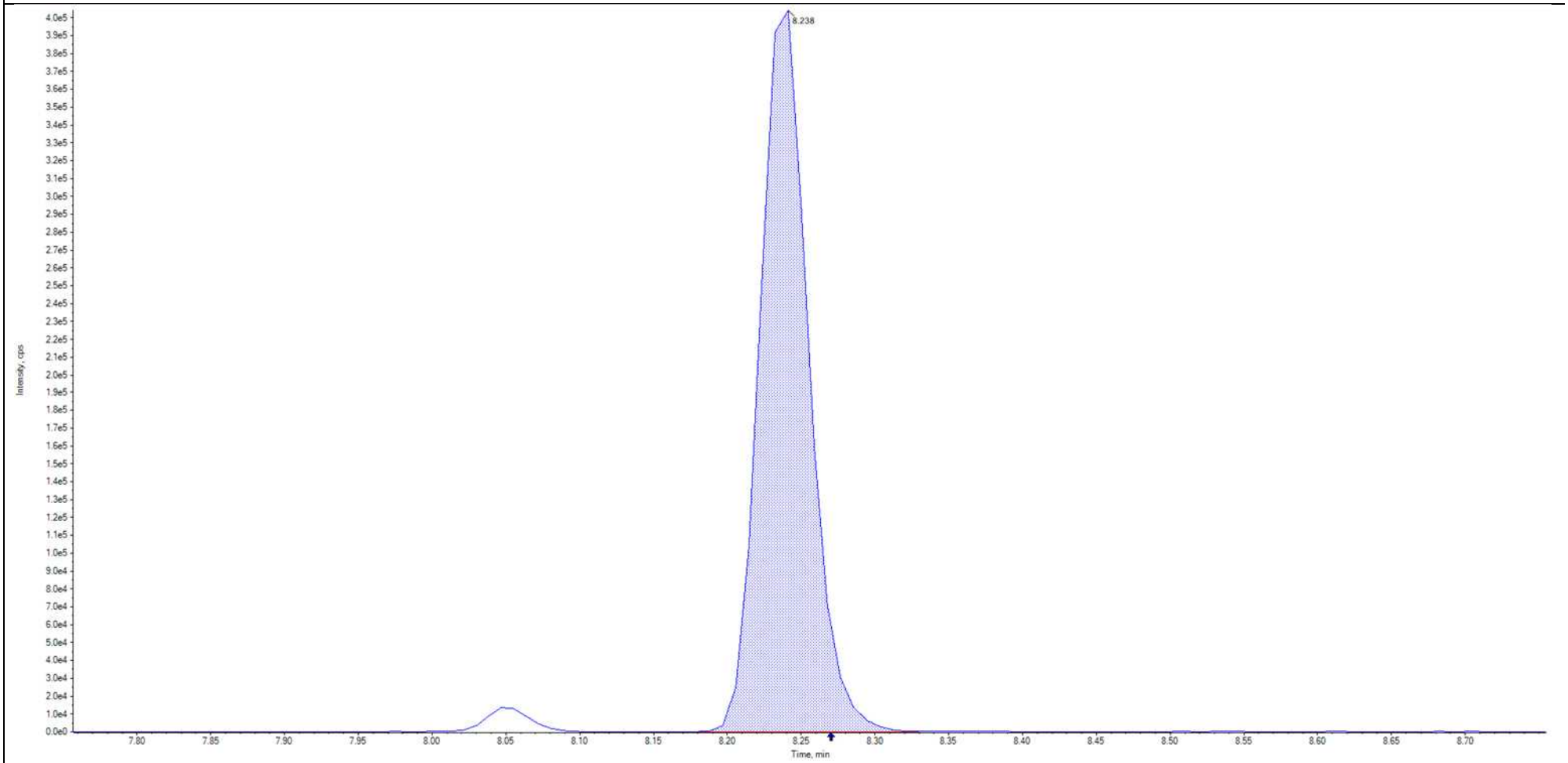
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

13C3-PFHxS
Sample: WG1972379-8,1633MED

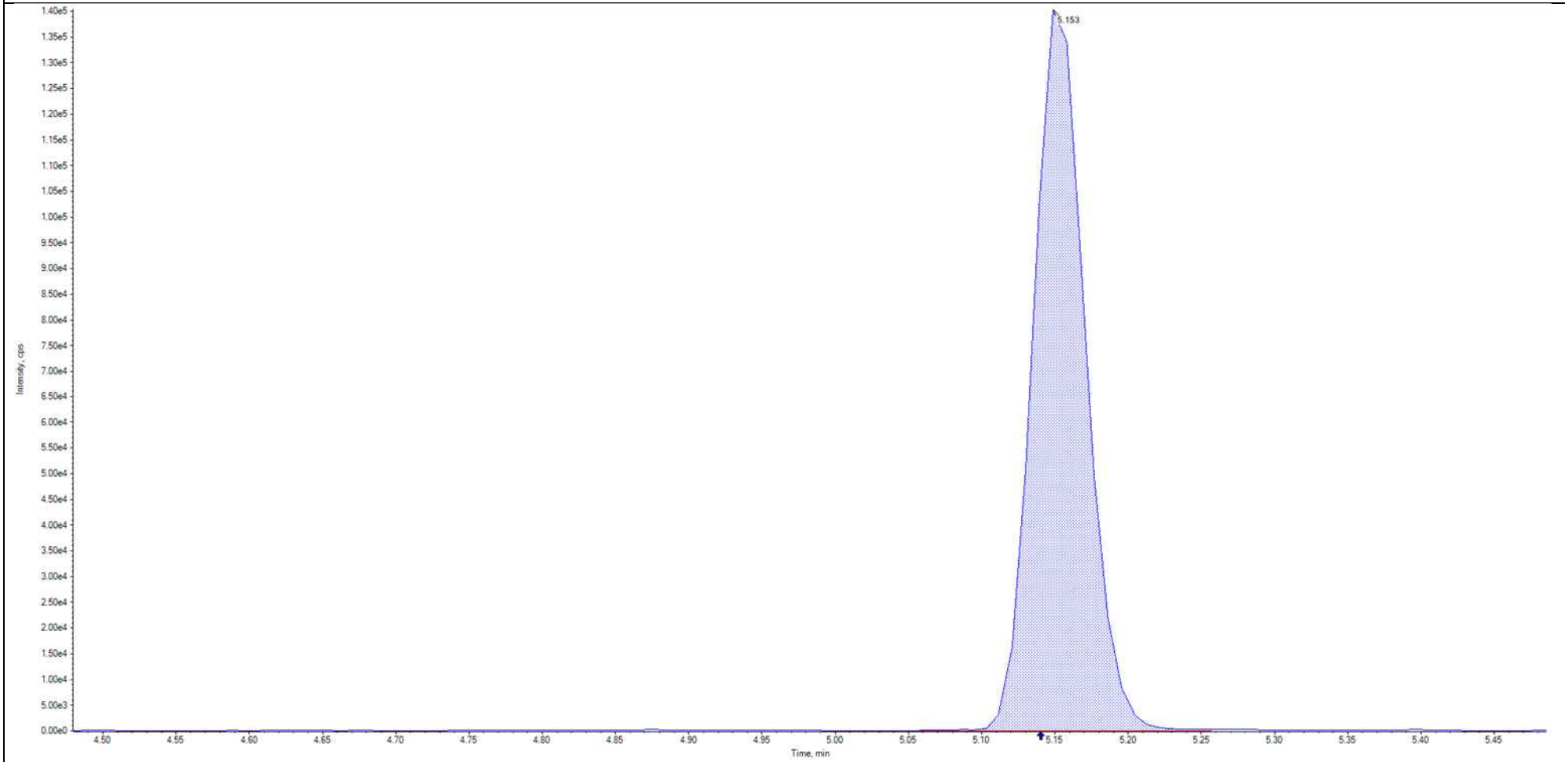


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 9/17/2024 6:15:27 AM

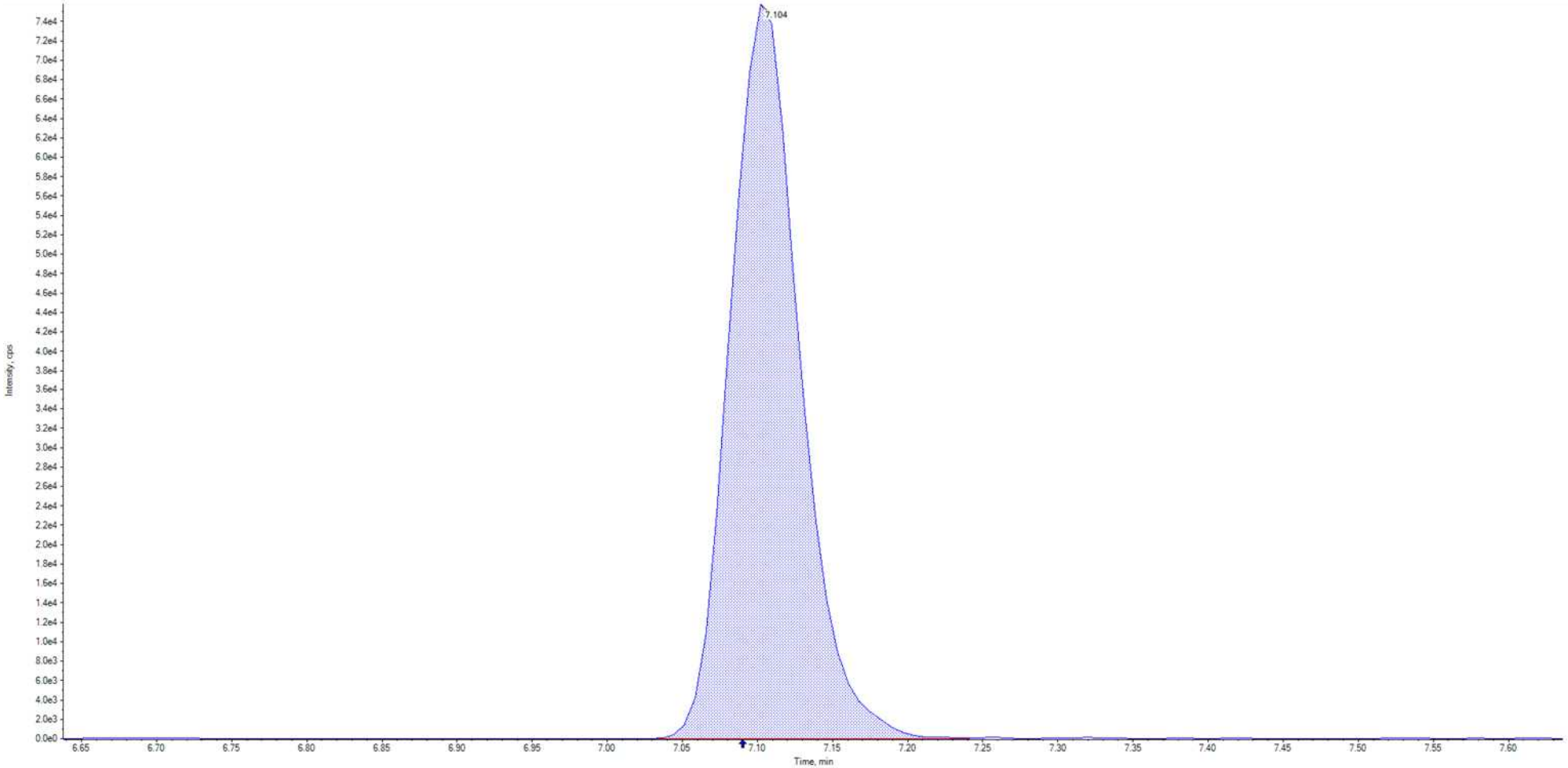
13C8-PFOS
Sample: WG1972379-8,1633MED



13C2-4:2FTS
Sample: WG1972379-8,1633MED

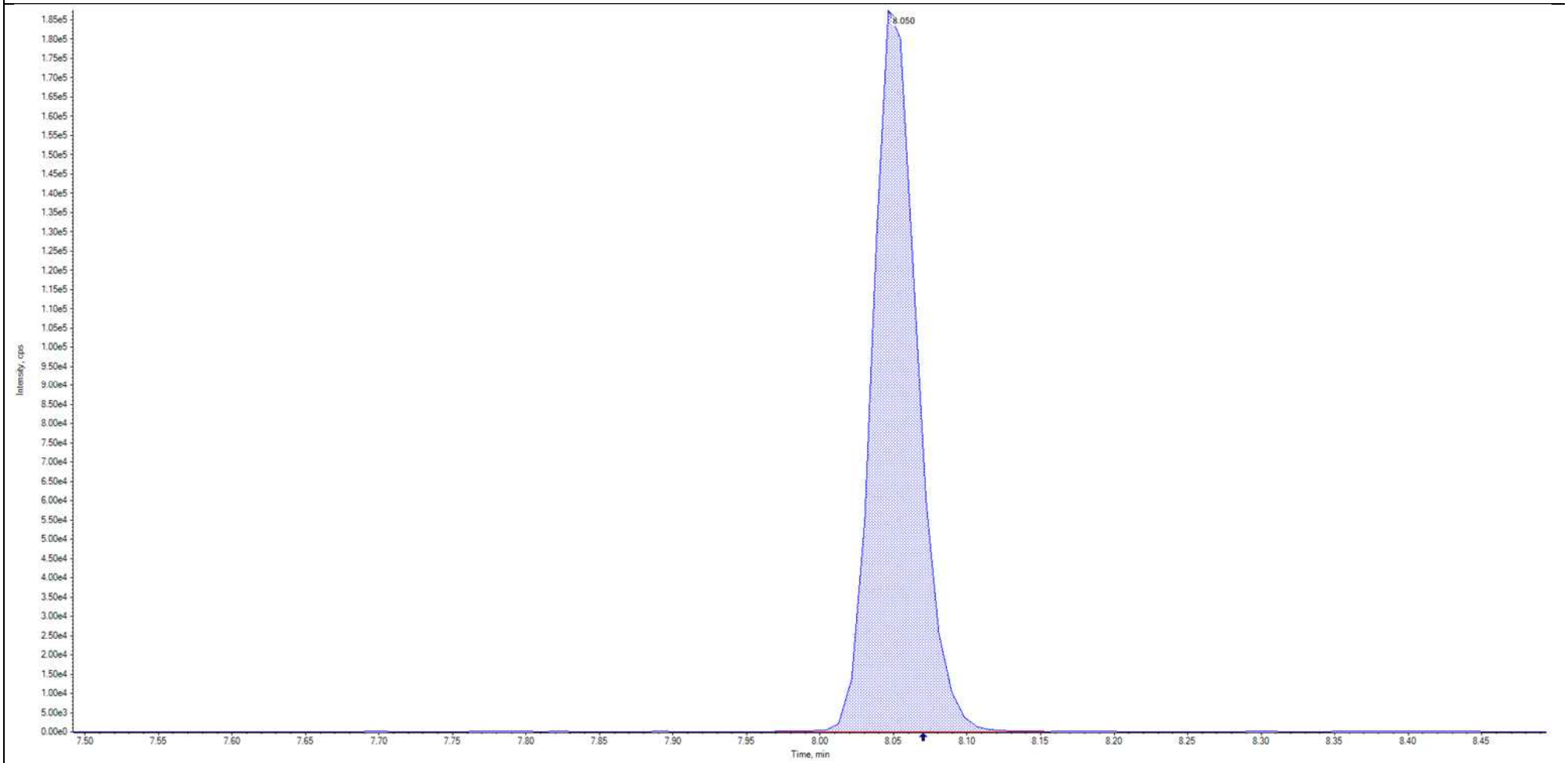


13C2-6:2FTS
Sample: WG1972379-8,1633MED



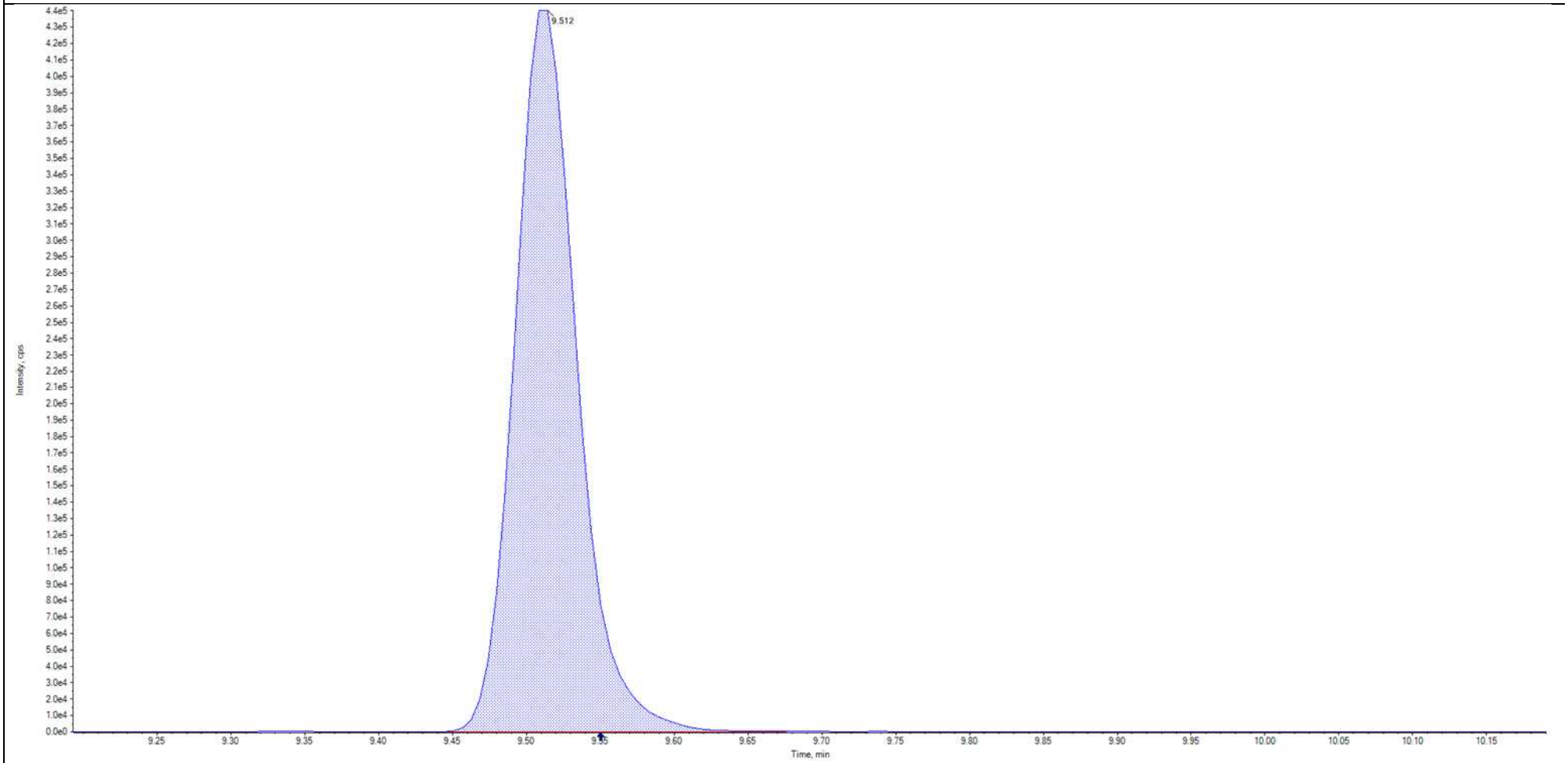
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

13C2-8:2FTS
Sample: WG1972379-8,1633MED

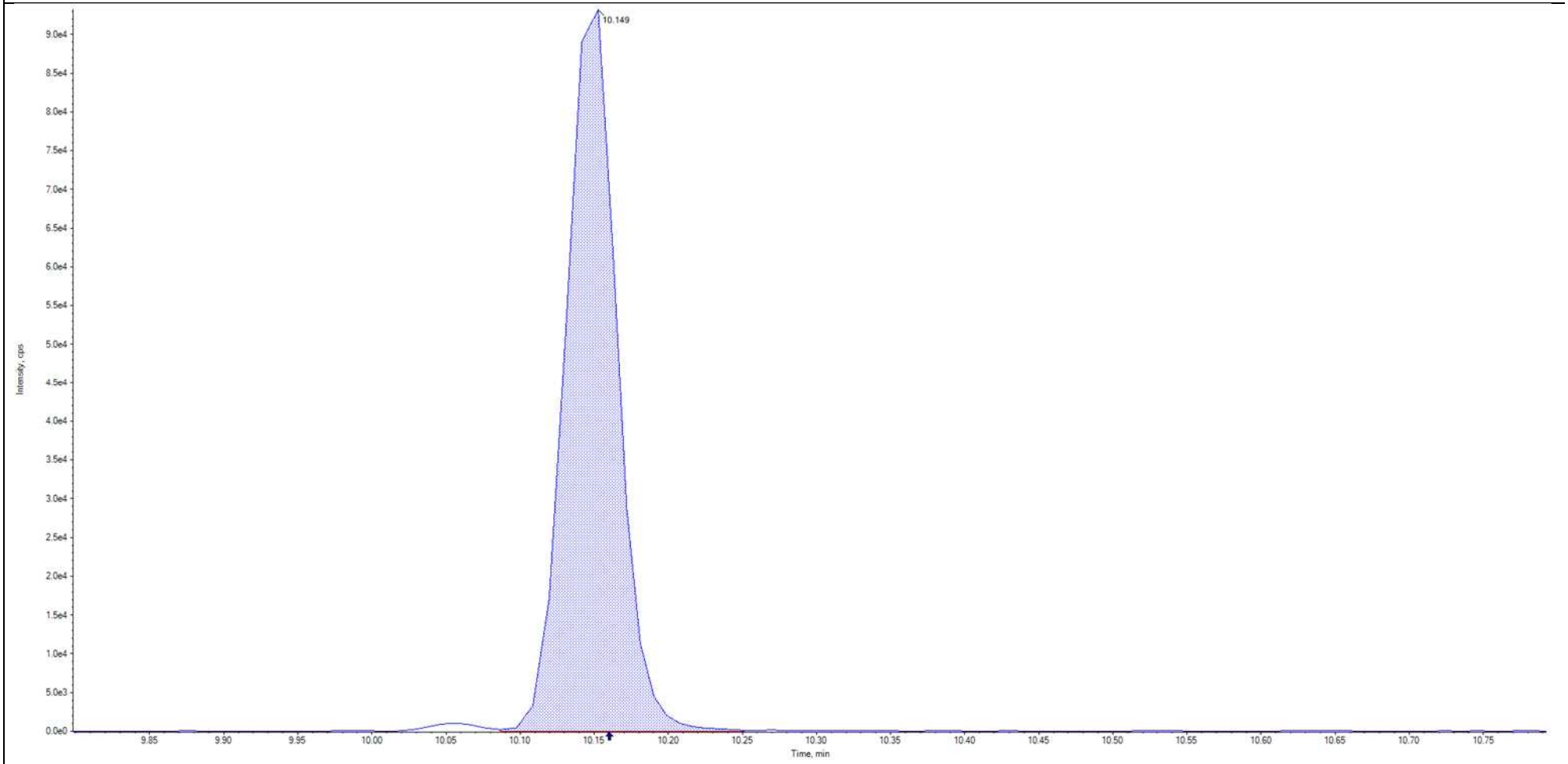


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
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Generated: 9/17/2024 6:15:27 AM

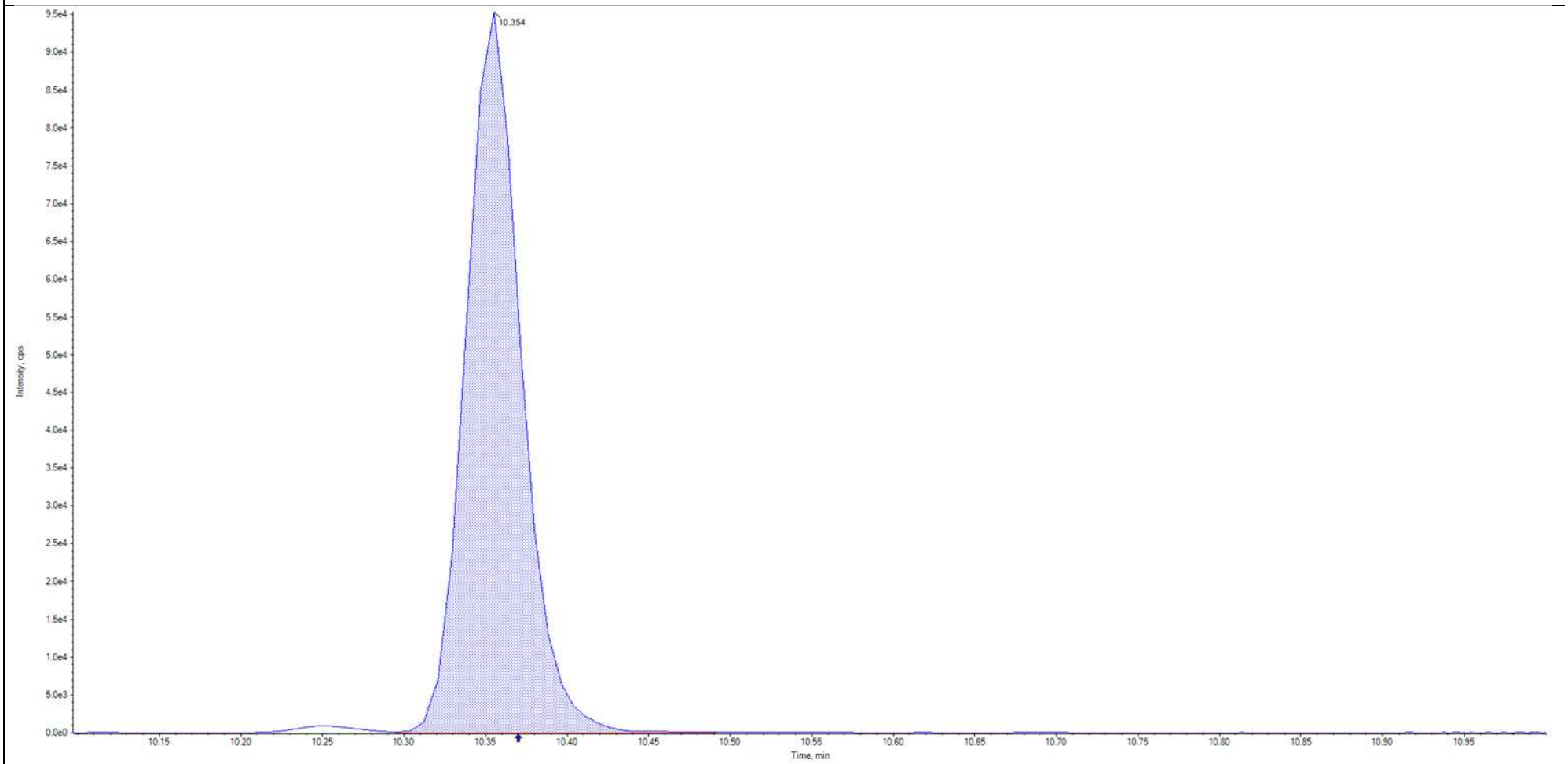
13C8-PFOSA
Sample: WG1972379-8,1633MED



d3-NMeFOSA
Sample: WG1972379-8,1633MED

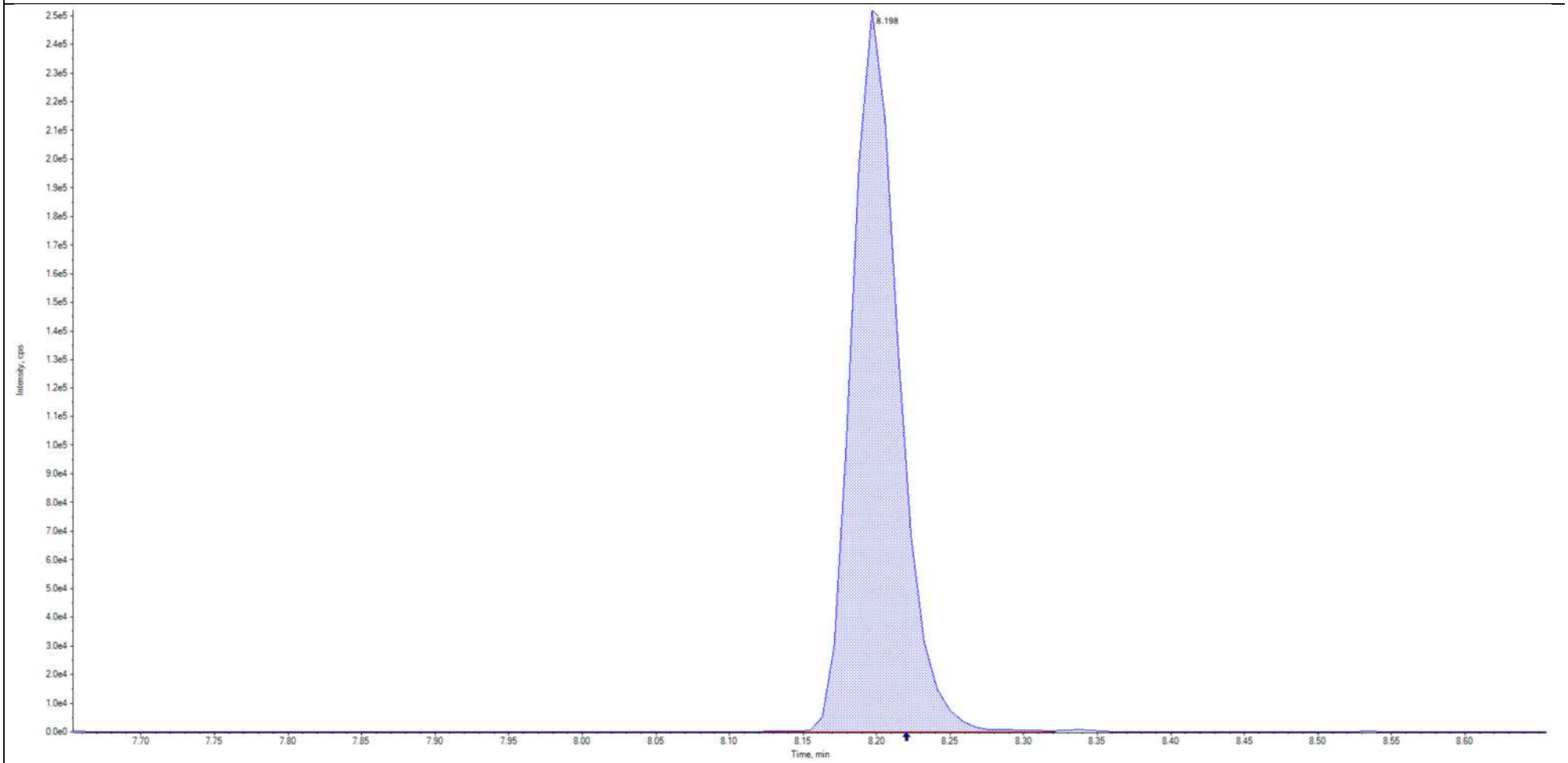


d5-NEtFOSA
Sample: WG1972379-8,1633MED

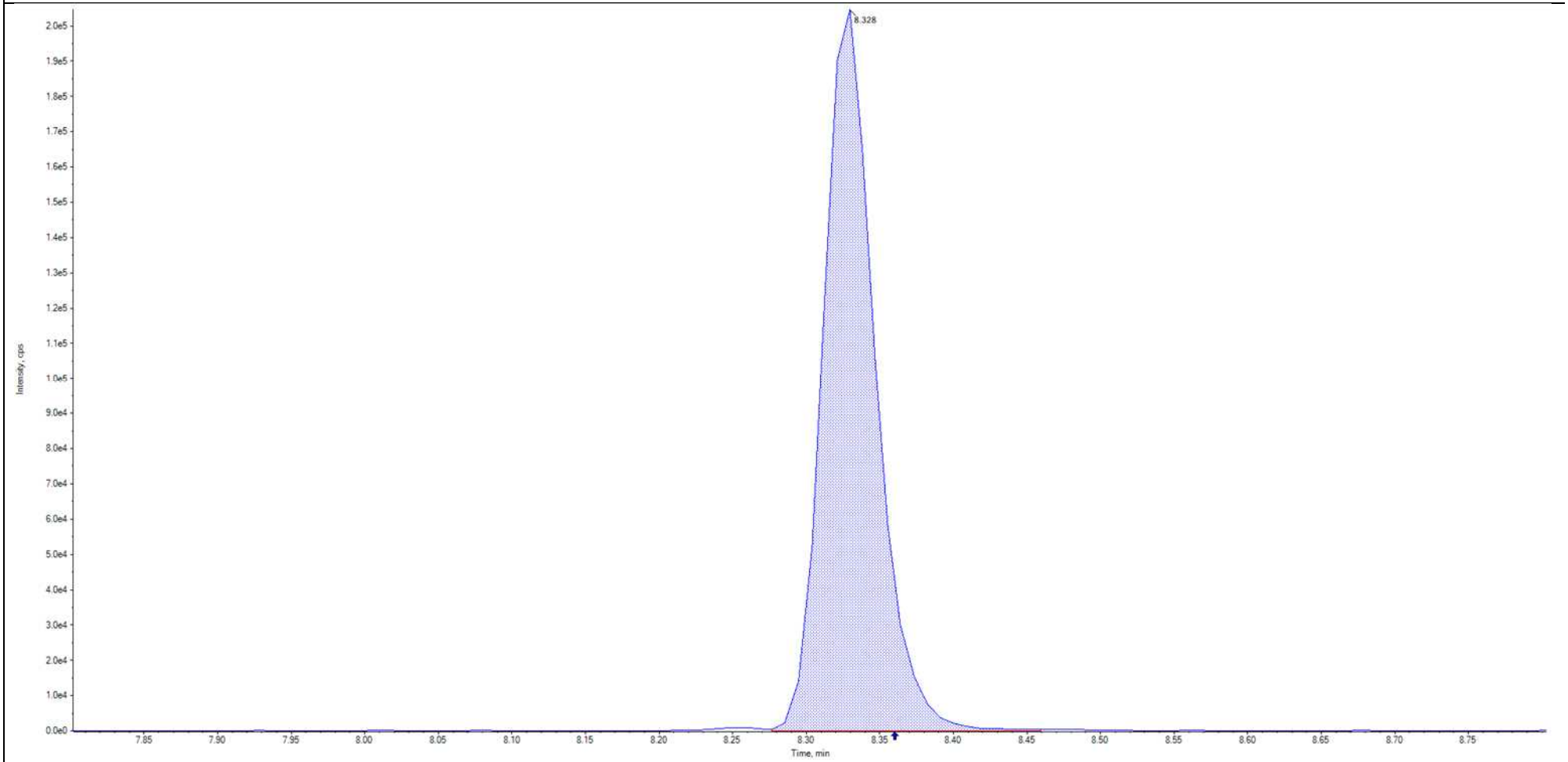


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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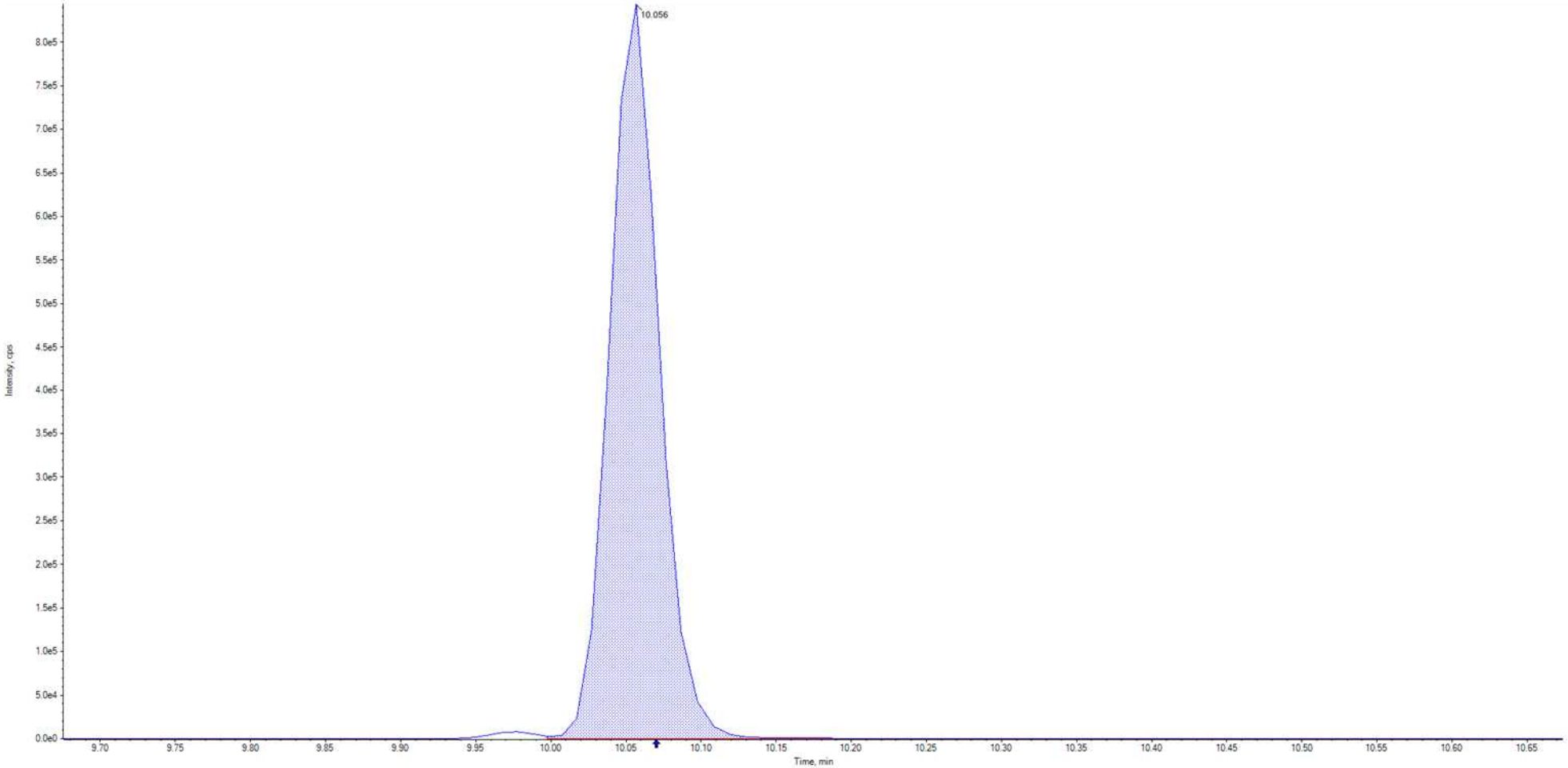
d3-NMeFOSAA
Sample: WG1972379-8,1633MED



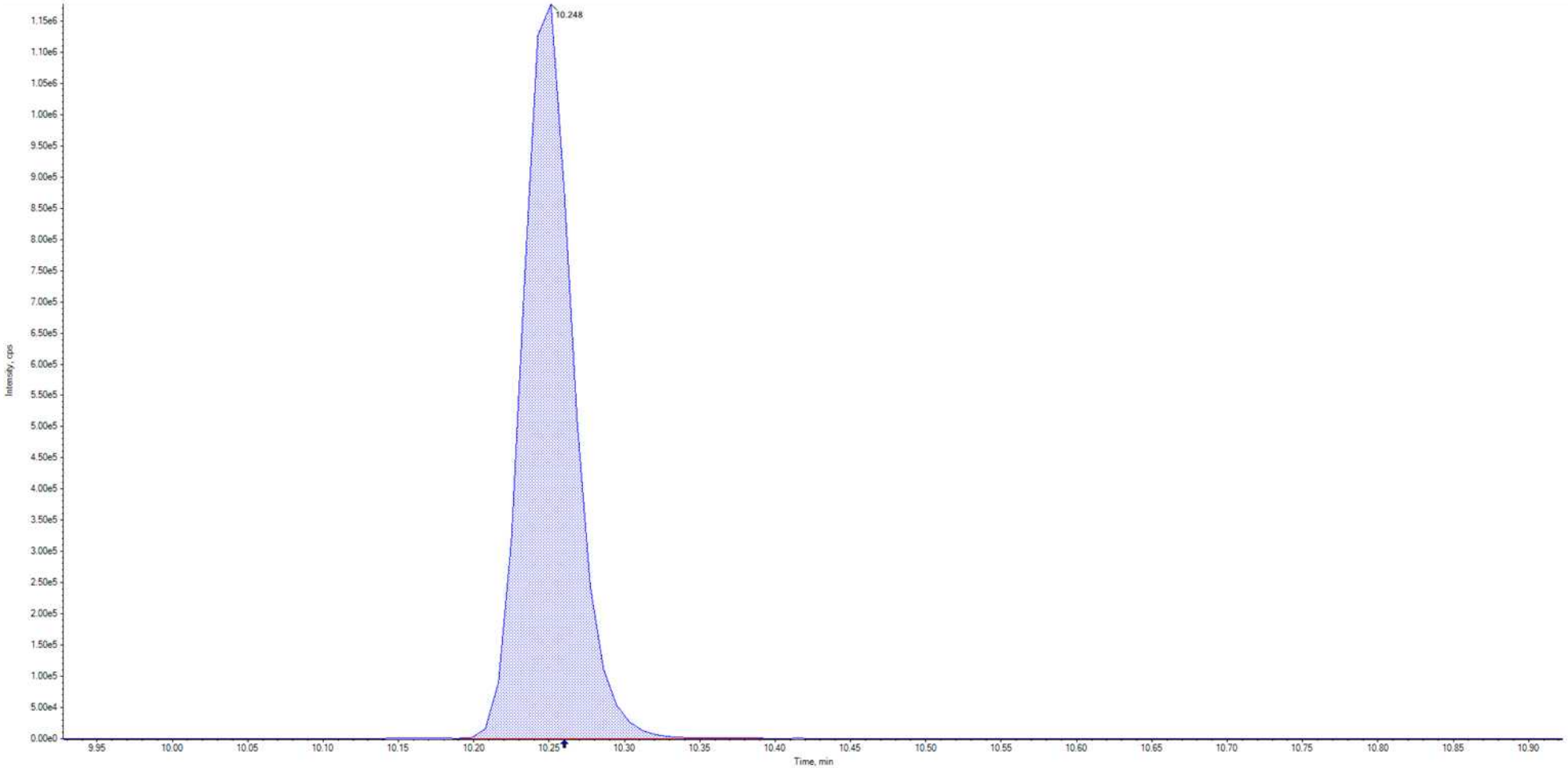
d5-NEtFOSAA
Sample: WG1972379-8,1633MED



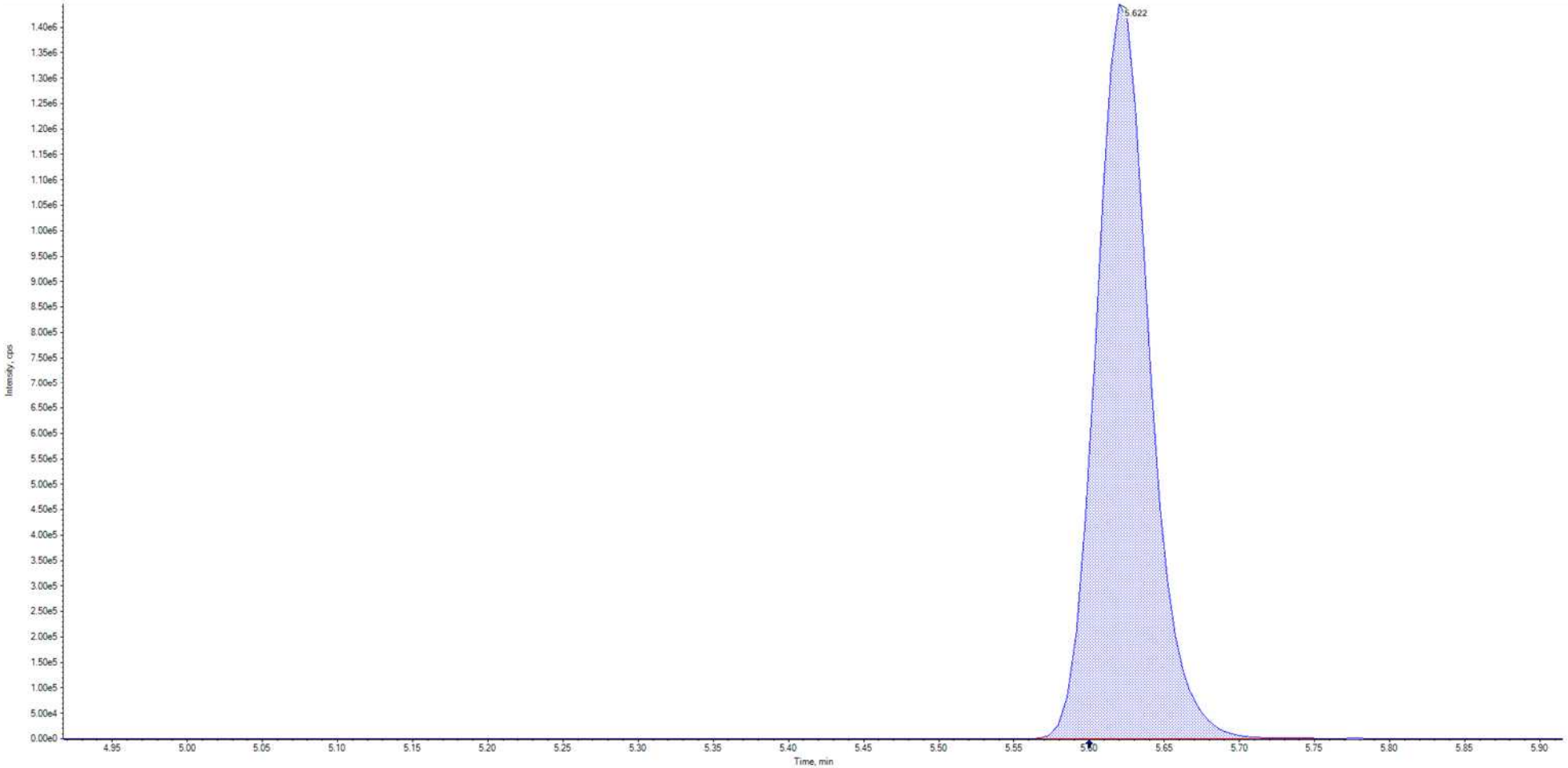
d7-NMeFOSE
Sample: WG1972379-8,1633MED



d9-NEtFOSE
Sample: WG1972379-8,1633MED

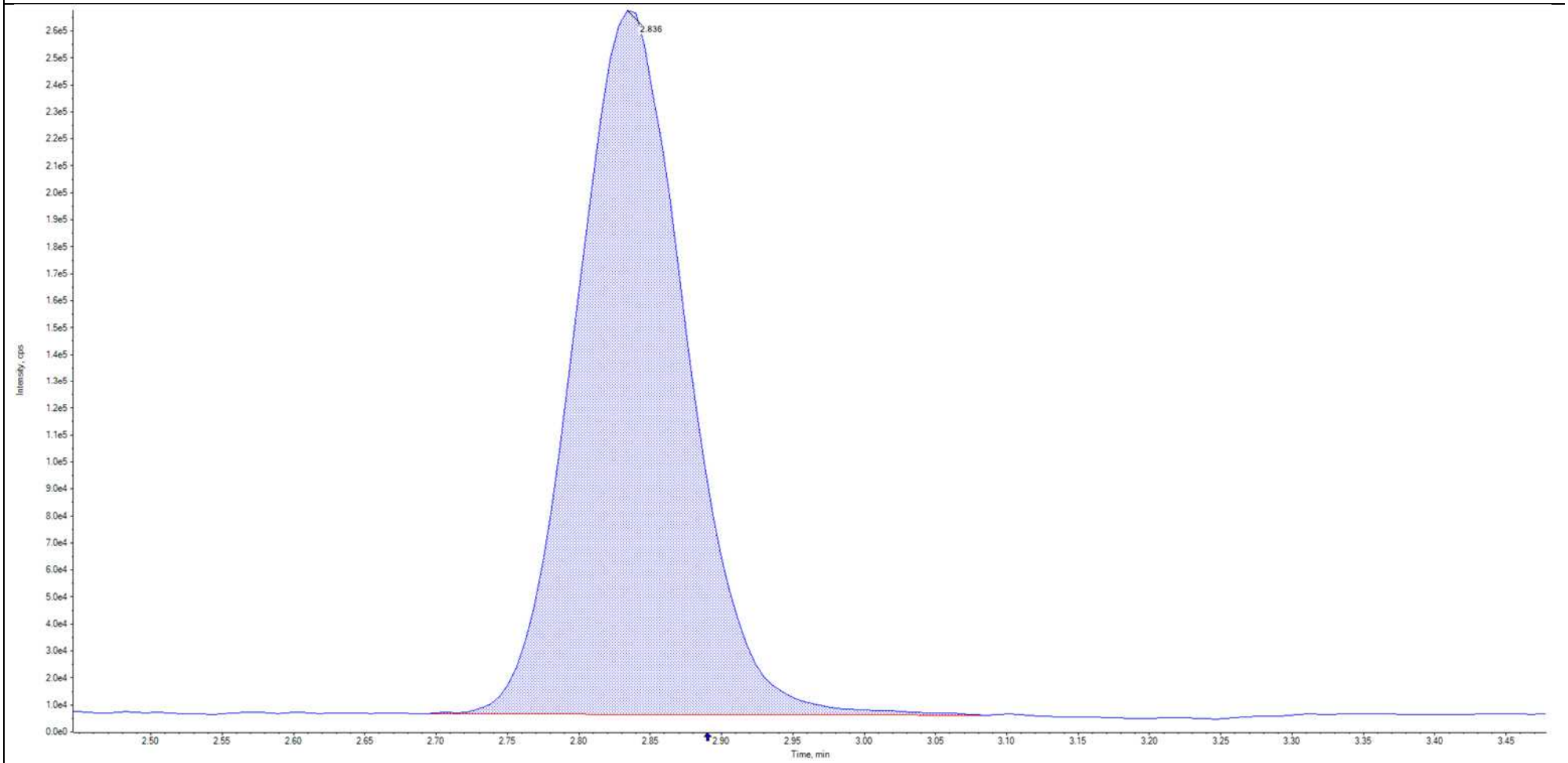


13C3-HFPO-DA
Sample: WG1972379-8,1633MED

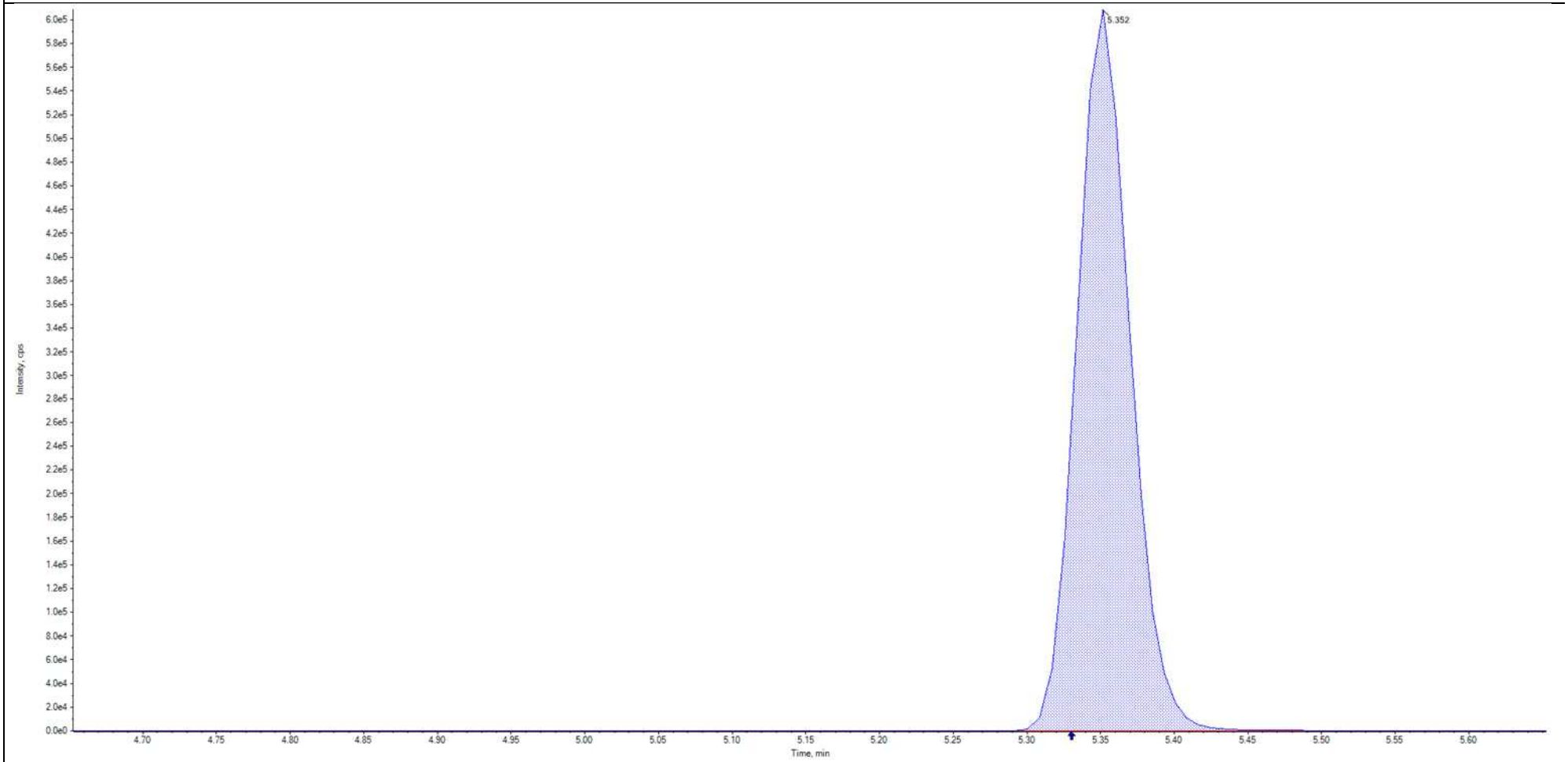


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 9/17/2024 6:15:27 AM

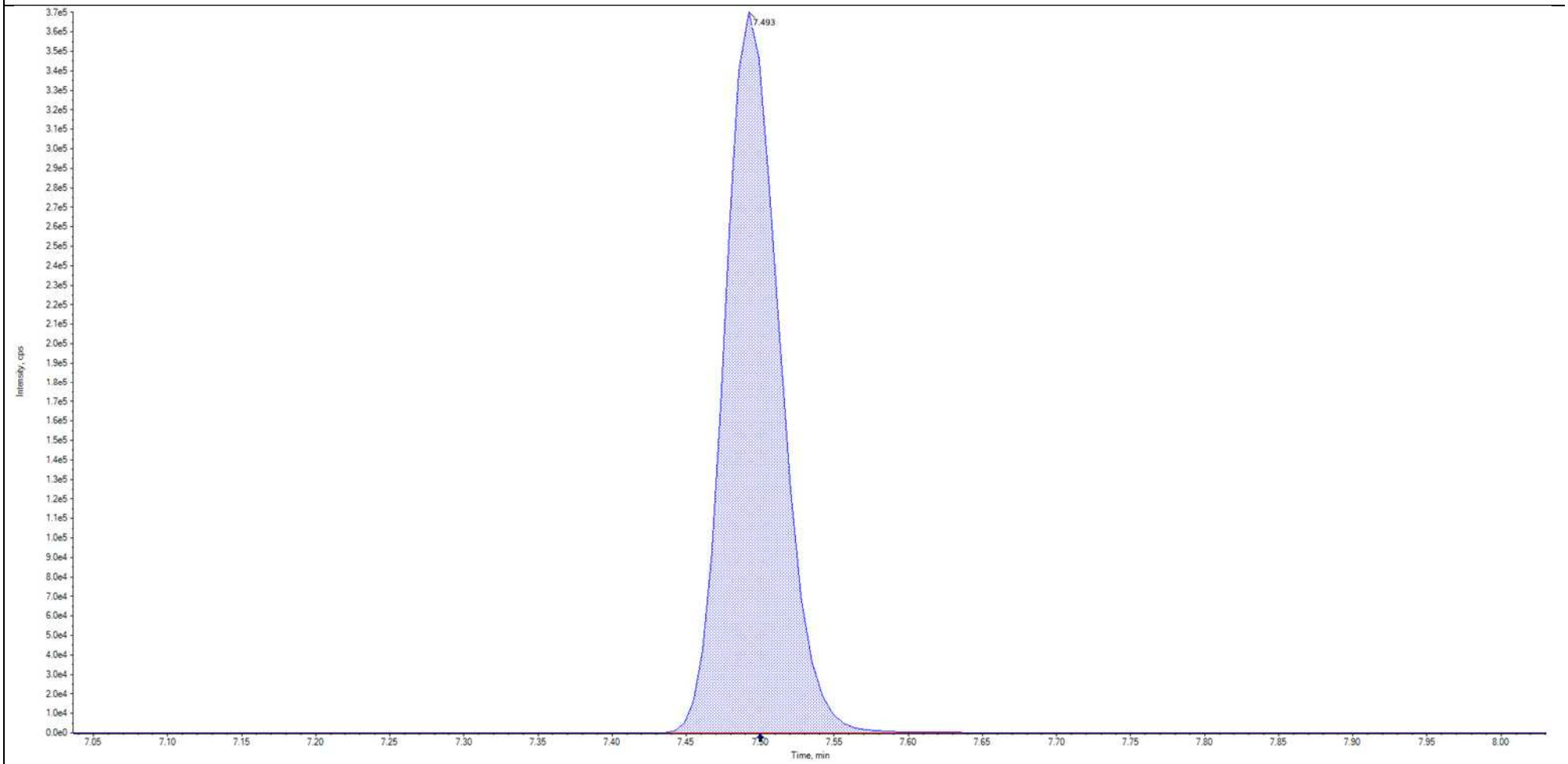
13C3-PFBA
Sample: WG1972379-8,1633MED



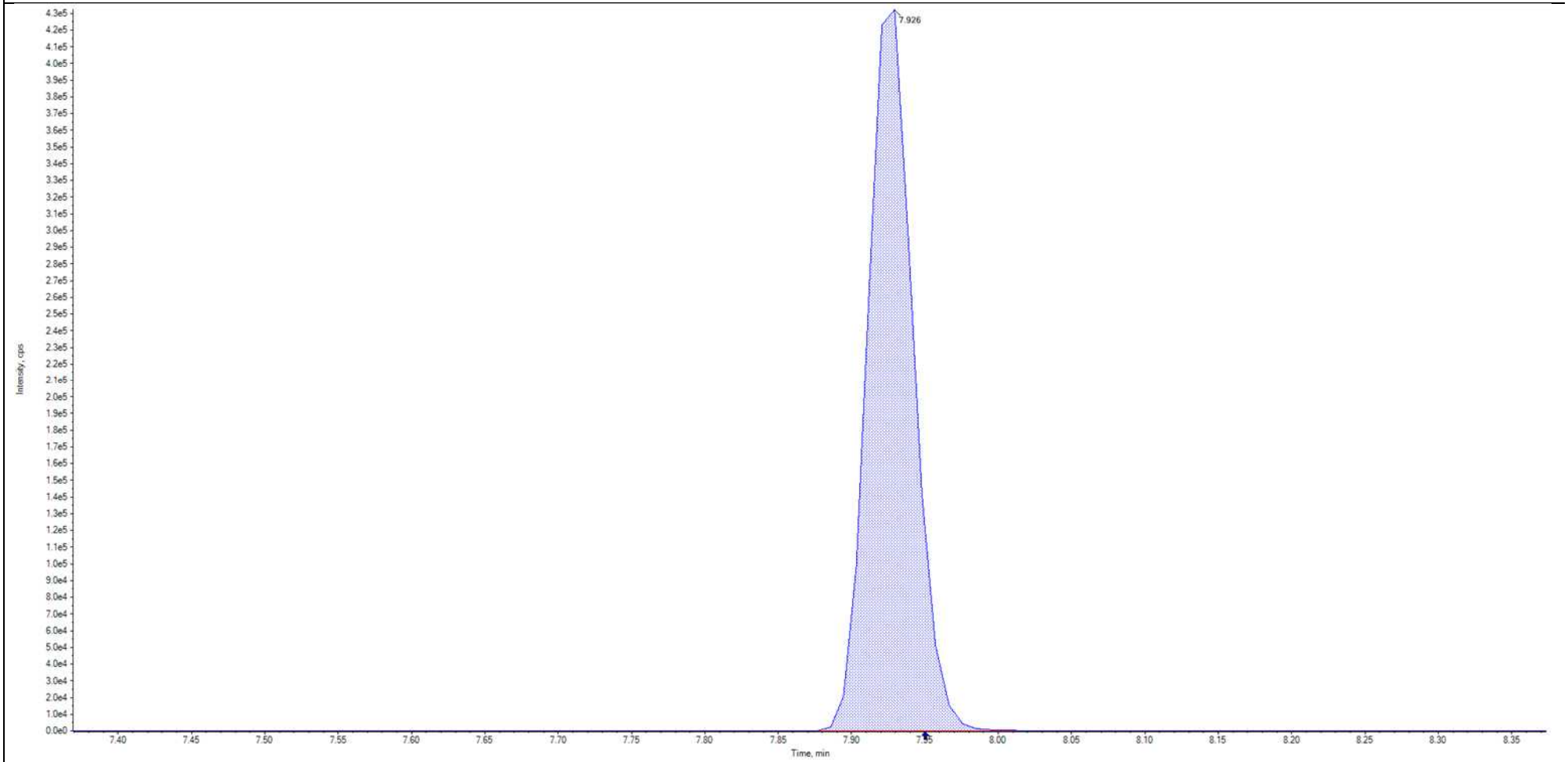
13C2-PFHxA
Sample: WG1972379-8,1633MED



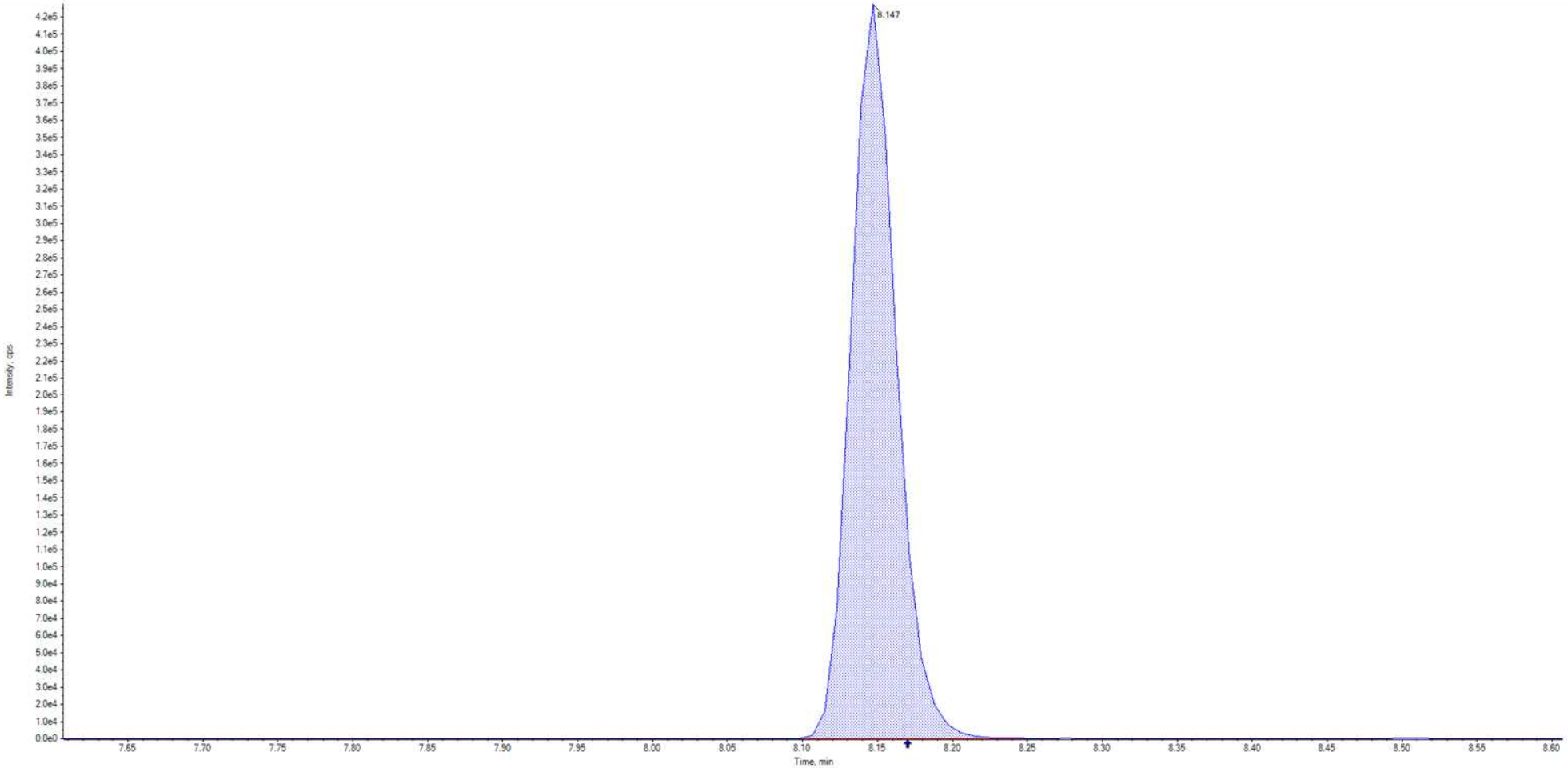
13C4-PFOA
Sample: WG1972379-8,1633MED



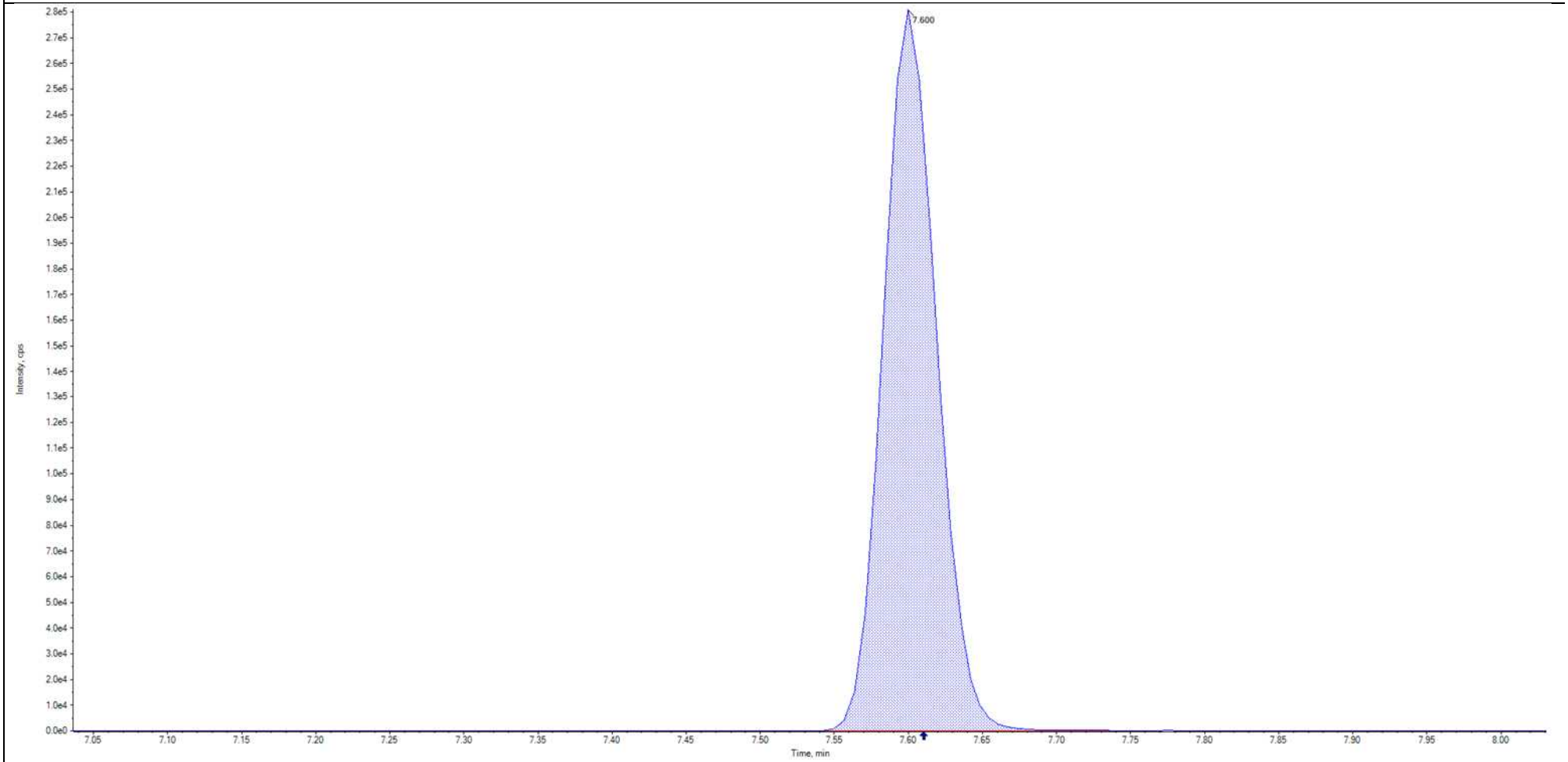
13C5-PFNA
Sample: WG1972379-8,1633MED



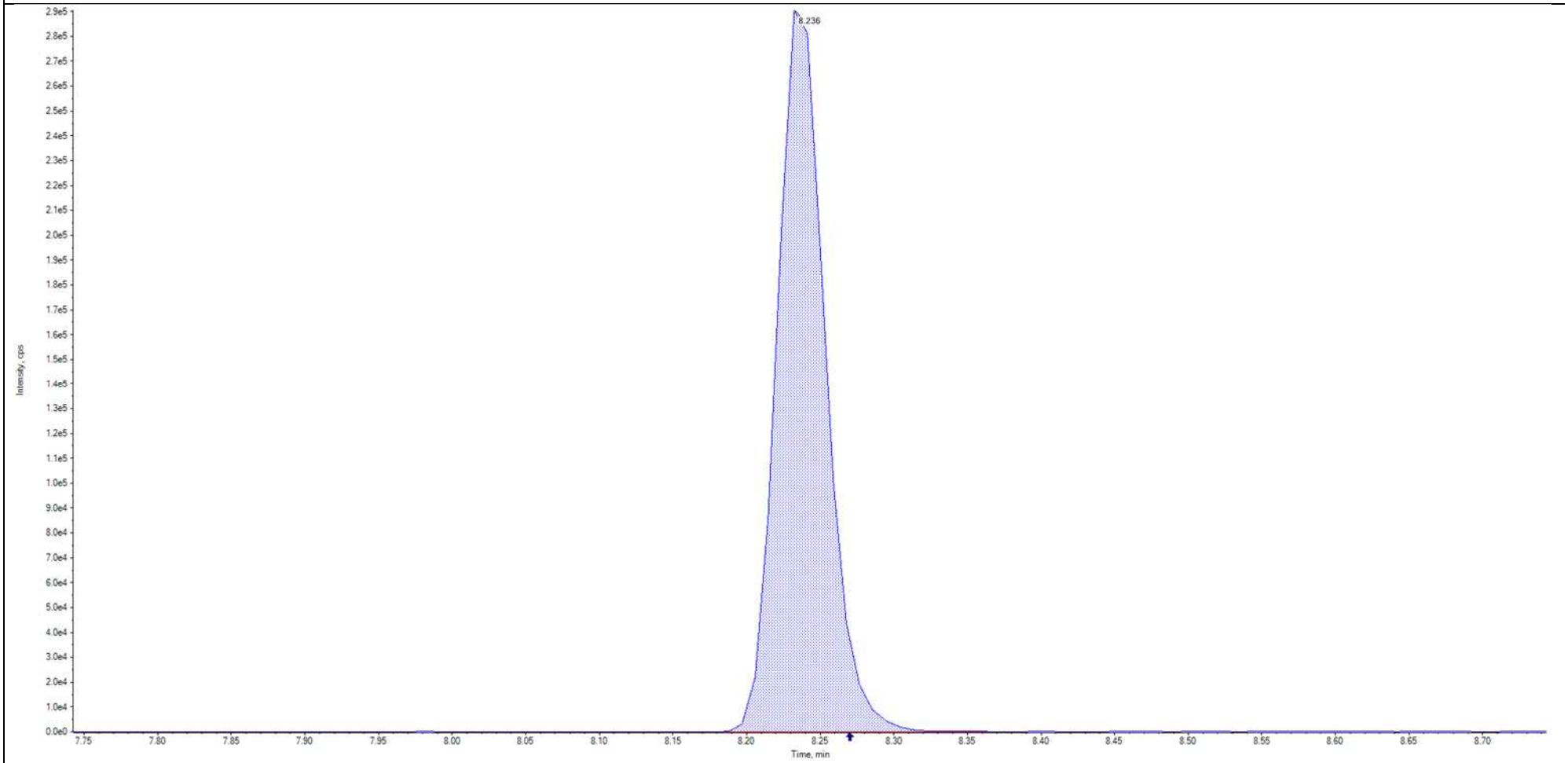
13C2-PFDA
Sample: WG1972379-8,1633MED



18O2-PFHxS
Sample: WG1972379-8,1633MED



13C4-PFOS
Sample: WG1972379-8,1633MED



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_25.wiff
Last Altered: 9/17/2024 10:47:11 AM
Generated: 9/17/2024 6:15:27 AM

Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

Method: EPA1633_NIS_CALC.qmethod
Calibration: 240813_1633_ICAL

ID: WG1972379-10,1633MED
Name: SCI05_240917_37.wiff
Date & Time: 2024-09-17T12:50:53
Description: WG1972379,WG1970000,ICAL21391,1633MED
Instrument: Triple Quad 5500+
User: LCMS05:AC

LC/MS-MS Method:EPA_1633.dam

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
1	PFBA	375-22-4	2.85	213.0 / 169.0	2815663		10.688	N/A	N/A	N/A	106.9
2	PFPeA	2706-90-3	4.64	263.0 / 219.0	2021583		5.253	0.007	0.007	N/A	105.1
3	PFPeA_2	2706-90-3	4.64	263.0 / 68.9	14207		5.229	0.007	0.007	N/A	104.6
4	PFHxA	307-24-4	5.34	313.0 / 269.0	1634809		2.697	0.074	0.072	Pass	107.9
5	PFHxA_2	307-24-4	5.34	313.0 / 119.0	120402		2.688	0.074	0.072	Pass	107.5
6	PFHpA	375-85-9	6.23	363.1 / 319.0	1584477		2.679	0.313	0.297	Pass	107.2
7	PFHpA_2	375-85-9	6.23	363.1 / 169.0	495925		2.740	0.313	0.297	Pass	109.6

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
8	PFOA	335-67-1	7.47	413.1 / 369.1	949677	M5	2.444	0.563	0.586	Pass	97.8
9	PFOA_2	335-67-1	7.47	413.1 / 169.0	534595	M7	2.511	0.563	0.586	Pass	100.4
10	PFNA	375-95-1	7.93	462.8 / 418.9	1521705	M5	2.790	0.297	0.313	Pass	111.6
11	PFNA_2	375-95-1	7.93	462.8 / 218.9	451516	M7	2.709	0.297	0.313	Pass	108.4
12	PFDA	335-76-2	8.15	513.1 / 469.1	1597457		2.629	0.162	0.142	Pass	105.2
13	PFDA_2	335-76-2	8.15	513.1 / 219.0	258121		2.834	0.162	0.142	Pass	113.4
14	PFUnA	2058-94-8	8.43	563.1 / 519.1	1314054		2.785	0.191	0.194	Pass	111.4
15	PFUnA_2	2058-94-8	8.43	563.1 / 269.0	251430		2.751	0.191	0.194	Pass	110.1
16	PFDoA	307-55-1	8.84	613.1 / 569.1	1383334		2.074	0.166	0.167	Pass	83.0
17	PFDoA_2	307-55-1	8.84	613.1 / 319.0	229308		2.035	0.166	0.167	Pass	81.4
18	PFTrDA	72629-94-8	9.41	663.1 / 619.1	831487		2.092	0.218	0.228	Pass	83.7
19	PFTrDA_2	72629-94-8	9.41	663.1 / 169.0	181112		2.046	0.218	0.228	Pass	81.9
20	PFTeDA	376-06-7	9.87	713.1 / 669.1	1420621		2.577	0.144	0.137	Pass	103.1
21	PFTeDA_2	376-06-7	9.87	713.1 / 169.0	203967		2.705	0.144	0.137	Pass	108.2
22	PFBS	375-73-5	5.32	299.1 / 80.1	1034688		2.233	0.391	0.396	Pass	100.7

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
23	PFBS_2	375-73-5	5.32	299.1 / 99.1	404785		2.191	0.391	0.396	Pass	98.8
24	PFPeS	2706-91-4	6.31	349.1 / 80.1	861365		2.433	0.307	0.299	Pass	103.4
25	PFPeS_2	2706-91-4	6.31	349.1 / 99.1	264152		2.473	0.307	0.299	Pass	105.1
26	PFHxS	355-46-4	7.58	399.1 / 80.1	856204	M5	2.584	0.279	0.315	Pass	113.1
27	PFHxS_2	355-46-4	7.58	399.1 / 99.1	238964	M7	2.322	0.279	0.315	Pass	101.6
28	PFHpS	375-92-8	7.99	449.1 / 80.1	854780		2.450	0.297	0.287	Pass	102.8
29	PFHpS_2	375-92-8	7.99	449.1 / 99.1	253975		2.484	0.297	0.287	Pass	104.2
30	PFOS	1763-23-1	8.24	499.1 / 80.1	877296	M5	2.362	0.242	0.238	Pass	101.8
31	PFOS_2	1763-23-1	8.24	499.1 / 99.1	212458		2.335	0.242	0.238	Pass	100.6
32	PFNS	68259-12-1	8.58	549.1 / 80.1	608155		2.550	0.311	0.301	Pass	106.0
33	PFNS_2	68259-12-1	8.58	549.1 / 99.1	189055		2.617	0.311	0.301	Pass	108.8
34	PFDS	335-77-3	9.07	599.1 / 80.1	581757		2.476	0.285	0.275	Pass	102.6
35	PFDS_2	335-77-3	9.07	599.1 / 99.1	165904		2.562	0.285	0.275	Pass	106.2
36	PFDoS	79780-39-5	9.96	699.2 / 80.1	600761		2.792	0.260	0.274	Pass	115.1
37	PFDoS_2	79780-39-5	9.96	699.2 / 99.1	156286		2.644	0.260	0.274	Pass	109.0

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
38	4:2FTS	757124-72-4	5.14	327.1 / 307.1	1340177		9.131	0.526	0.516	Pass	97.4
39	4:2FTS_2	757124-72-4	5.14	327.1 / 81.1	705566		8.986	0.526	0.516	Pass	95.9
40	6:2FTS	27619-97-2	7.06	427.2 / 407.2	867204		10.142	0.576	0.565	Pass	106.8
41	6:2FTS_2	27619-97-2	7.06	427.2 / 81.1	499414		10.799	0.576	0.565	Pass	113.7
42	8:2FTS	39108-34-4	8.05	527.2 / 507.2	1168616		11.061	0.753	0.662	Pass	115.2
43	8:2FTS_2	39108-34-4	8.05	527.2 / 81.1	879648		12.275	0.753	0.662	Pass	127.9
44	PFOSA	754-91-6	9.52	498.1 / 78.1	905618	M5	2.584	0.026	0.025	Pass	103.4
45	PFOSA_2	754-91-6	9.52	498.1 / 478.0	23105	M7	2.513	0.026	0.025	Pass	100.5
46	NMeFOSA	31506-32-8	10.16	512.2 / 219.0	270591	M5	2.797	1.469	1.551	Pass	111.9
47	NMeFOSA_2	31506-32-8	10.12	512.2 / 169.0	397590	M7	2.652	1.469	1.551	Pass	106.1
48	NEtFOSA	4151-50-2	10.37	526.2 / 219.0	264861	M5	2.638	1.330	1.285	Pass	105.5
49	NEtFOSA_2	4151-50-2	10.34	526.2 / 169.0	352315	M7	2.621	1.330	1.285	Pass	104.9
50	NMeFOSAA	2355-31-9	8.20	570.2 / 419.1	193441		2.960	0.808	0.700	Pass	118.4
51	NMeFOSAA_2	2355-31-9	8.20	570.2 / 483.0	156280		3.761	0.808	0.700	Pass	150.4
52	NEtFOSAA	2991-50-6	8.34	584.2 / 419.1	245089	M5	2.661	0.487	0.487	Pass	106.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
53	NEtFOSAA_2	2991-50-6	8.33	584.2 / 526.2	119463		2.819	0.487	0.487	Pass	112.8
54	NMeFOSE	24448-09-7	10.07	616.1 / 58.9	5052684	M5	25.203	N/A	N/A	N/A	100.8
55	NEtFOSE	1691-99-2	10.27	630.0 / 58.9	8306679	M5	25.752	N/A	N/A	N/A	103.0
56	HFPO-DA	13252-13-6	5.60	285.0 / 169.0	3512436		11.127	0.460	0.464	Pass	111.3
57	HFPO-DA_2	13252-13-6	5.60	285.0 / 184.9	1615796		11.008	0.460	0.464	Pass	110.1
58	ADONA	919005-14-4	6.69	377.1 / 251.0	7089545		9.876	0.657	0.634	Pass	104.5
59	ADONA_2	919005-14-4	6.69	377.1 / 84.8	4656120		10.024	0.657	0.634	Pass	106.1
60	9Cl-PF3ONS	756426-58-1	8.45	530.8 / 351.1	8131356		11.488	0.326	0.322	Pass	122.9
61	9Cl-PF3ONS_2	756426-58-1	8.45	532.8 / 353.0	2647197		11.484	0.326	0.322	Pass	122.8
62	11Cl-PF3OUdS	763051-92-9	9.49	630.9 / 451.0	5011828		11.209	0.329	0.331	Pass	118.6
63	11Cl-PF3OUdS_2	763051-92-9	9.48	632.9 / 452.9	1648962		10.958	0.329	0.331	Pass	116.0
64	3:3FTCA	356-02-5	4.92	241.1 / 177.1	449768		13.475	1.049	1.074	Pass	107.8
65	3:3FTCA_2	356-02-5	4.92	241.1 / 117.0	471921		14.117	1.049	1.074	Pass	112.9
66	5:3FTCA	914637-49-3	7.15	341.1 / 237.1	7920454		72.031	0.962	0.953	Pass	115.3
67	5:3FTCA_2	914637-49-3	7.15	341.1 / 217.0	7617769		73.215	0.962	0.953	Pass	117.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
68	7:3FTCA	812-70-4	8.19	441.1 / 316.9	5895734		48.163	1.756	1.558	Pass	77.1
69	7:3FTCA_2	812-70-4	8.19	441.1 / 337.1	10355658		58.297	1.756	1.558	Pass	93.3
70	PFEESA	113507-82-7	5.70	315.1 / 135.0	5364913		5.102	0.085	0.087	Pass	114.6
71	PFEESA_2	113507-82-7	5.70	315.1 / 82.9	457574		5.037	0.085	0.087	Pass	113.2
72	PFMPA	377-73-1	3.86	229.0 / 85.0	287149		6.165	N/A	N/A	N/A	123.3
73	PFMBA	863090-89-5	4.87	279.0 / 85.0	3234584		5.151	N/A	N/A	N/A	103.0
74	NFDHA	151772-58-6	5.26	295.0 / 201.0	560290		5.061	1.018	0.910	Pass	101.2
75	NFDHA_2	151772-58-6	5.26	295.0 / 84.9	570625		5.622	1.018	0.910	Pass	112.5
76	TDCA	516-50-7	N/A	499.1 / 124.1	N/A		N/A	N/A	40.716	N/A	N/A
77	TDCA_2	516-50-7	N/A	499.1 / 79.9	N/A		N/A	N/A	40.716	N/A	N/A
78	13C2D4-4:2FTS	Surr	5.13	333.2 / 312.1	469533		1.991	N/A	N/A	N/A	N/A
79	13C2-PFOA	Surr	7.47	415.0 / 370.0	1806970		1.093	N/A	N/A	N/A	N/A

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C4-PFBA	EIS	2.84	217.0 / 172.0	3248393		10.154	NA	NA	NA	101.5

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C5-PFPeA	EIS	4.64	268.0 / 223.0	2086802		5.338	NA	NA	NA	106.8
	13C5-PFHxA	EIS	5.33	318.0 / 273.0	1243670		2.422	NA	NA	NA	96.9
	13C4-PFHpA	EIS	6.22	367.0 / 322.0	1262693		2.456	NA	NA	NA	98.2
	13C8-PFOA	EIS	7.46	421.0 / 376.0	1867048		2.502	NA	NA	NA	100.1
	13C9-PFNA	EIS	7.92	472.0 / 427.0	931398		1.228	NA	NA	NA	98.3
	13C6-PFDA	EIS	8.15	519.0 / 474.0	881489		1.271	NA	NA	NA	101.7
	13C7-PFUnA	EIS	8.42	570.0 / 525.0	746299		1.330	NA	NA	NA	106.4

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C2-PFDoA	EIS	8.83	615.1 / 570.0	641059		1.757	NA	NA	NA	140.5
	13C2-PFTeDA	EIS	9.86	715.1 / 670.1	550019		1.388	NA	NA	NA	111.0
	13C3-PFBS	EIS	5.31	302.1 / 80.1	1104418		2.514	NA	NA	NA	107.9
	13C3-PFHxS	EIS	7.58	402.1 / 80.1	830120		2.379	NA	NA	NA	100.4
	13C8-PFOS	EIS	8.24	507.1 / 80.1	904301		2.354	NA	NA	NA	98.3
	13C2-4:2FTS	EIS	5.14	329.1 / 81.1	351237		4.480	NA	NA	NA	95.5
	13C2-6:2FTS	EIS	7.06	429.2 / 81.1	247839		4.314	NA	NA	NA	90.7
	13C2-8:2FTS	EIS	8.05	529.2 / 81.1	400119		4.758	NA	NA	NA	99.1

	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C8-PFOSA	EIS	9.51	506.1 / 78.1	1310754		2.567	NA	NA	NA	102.7
	d3-NMeFOSA	EIS	10.15	515.2 / 219.0	225903		2.628	NA	NA	NA	105.1
	d5-NEtFOSA	EIS	10.36	531.2 / 219.0	228565		2.722	NA	NA	NA	108.9
	d3-NMeFOSAA	EIS	8.20	573.2 / 419.1	496531		2.555	NA	NA	NA	51.1
	d5-NEtFOSAA	EIS	8.33	589.3 / 419.1	493944		4.836	NA	NA	NA	96.7
	d7-NMeFOSE	EIS	10.06	623.2 / 58.9	2031650		30.601	NA	NA	NA	122.4
	d9-NEtFOSE	EIS	10.25	639.2 / 58.9	2747820		28.072	NA	NA	NA	112.3

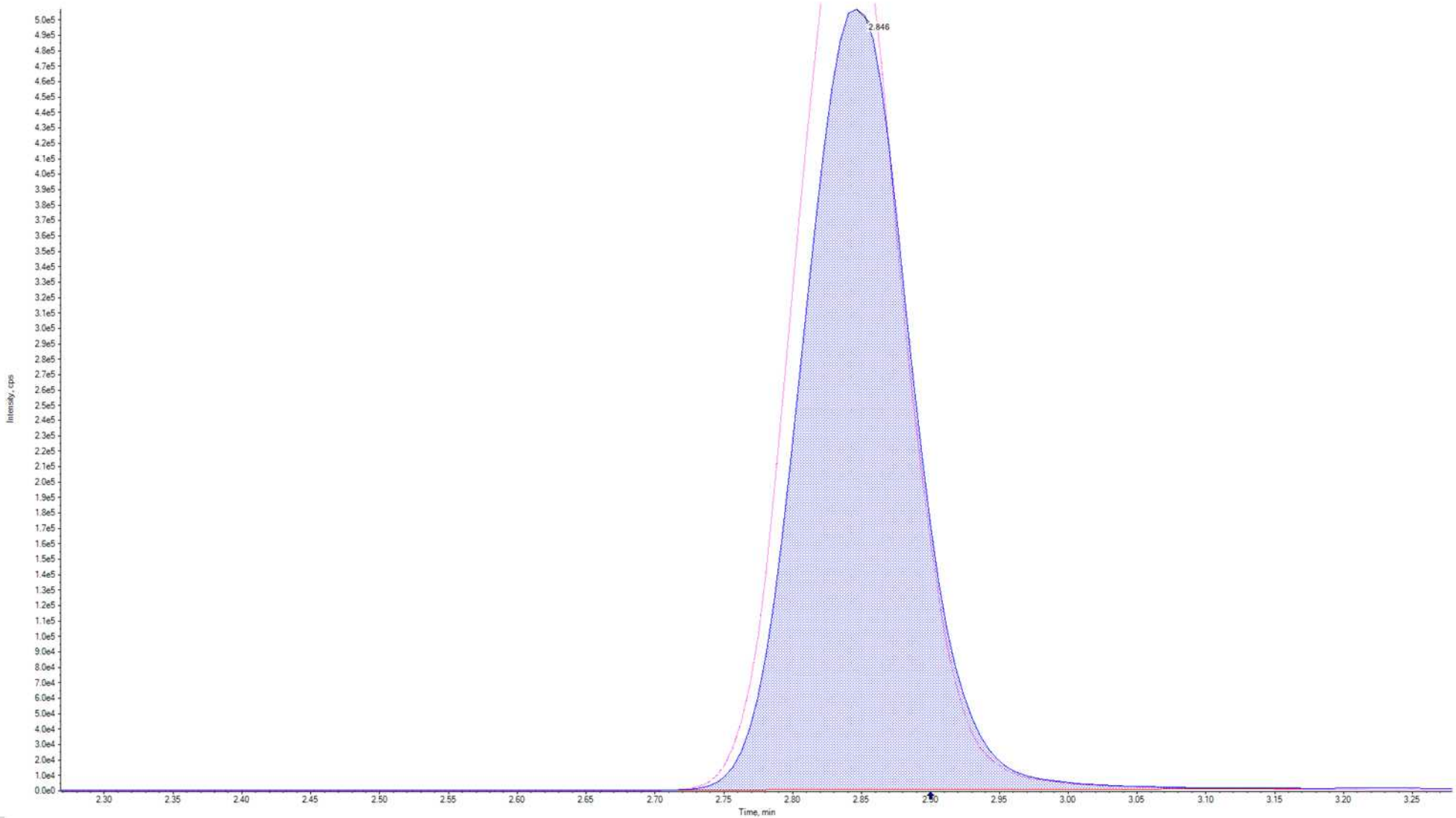
	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec
	13C3-HFPO-DA	EIS	5.59	287.0 / 169.0	3443407		10.119	NA	NA	NA	101.2
	13C3-PFBA	NIS	2.84	216.0 / 172.0	1399510		6.545	NA	NA	NA	130.9
	13C2-PFHxA	NIS	5.33	315.0 / 270.0	1524652		3.114	NA	NA	NA	124.6
	13C4-PFOA	NIS	7.46	417.0 / 372.0	976290		3.119	NA	NA	NA	124.7
	13C5-PFNA	NIS	7.92	468.0 / 423.0	923892		1.687	NA	NA	NA	134.9
	13C2-PFDA	NIS	8.14	515.1 / 470.1	814634		1.590	NA	NA	NA	127.2
	18O2-PFHxS	NIS	7.58	403.1 / 84.1	709220		3.027	NA	NA	NA	127.7
	13C4-PFOS	NIS	8.23	503.1 / 80.1	679514		3.227	NA	NA	NA	134.8

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	Analyte Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Expected Ratio	Ion Q	%Rec

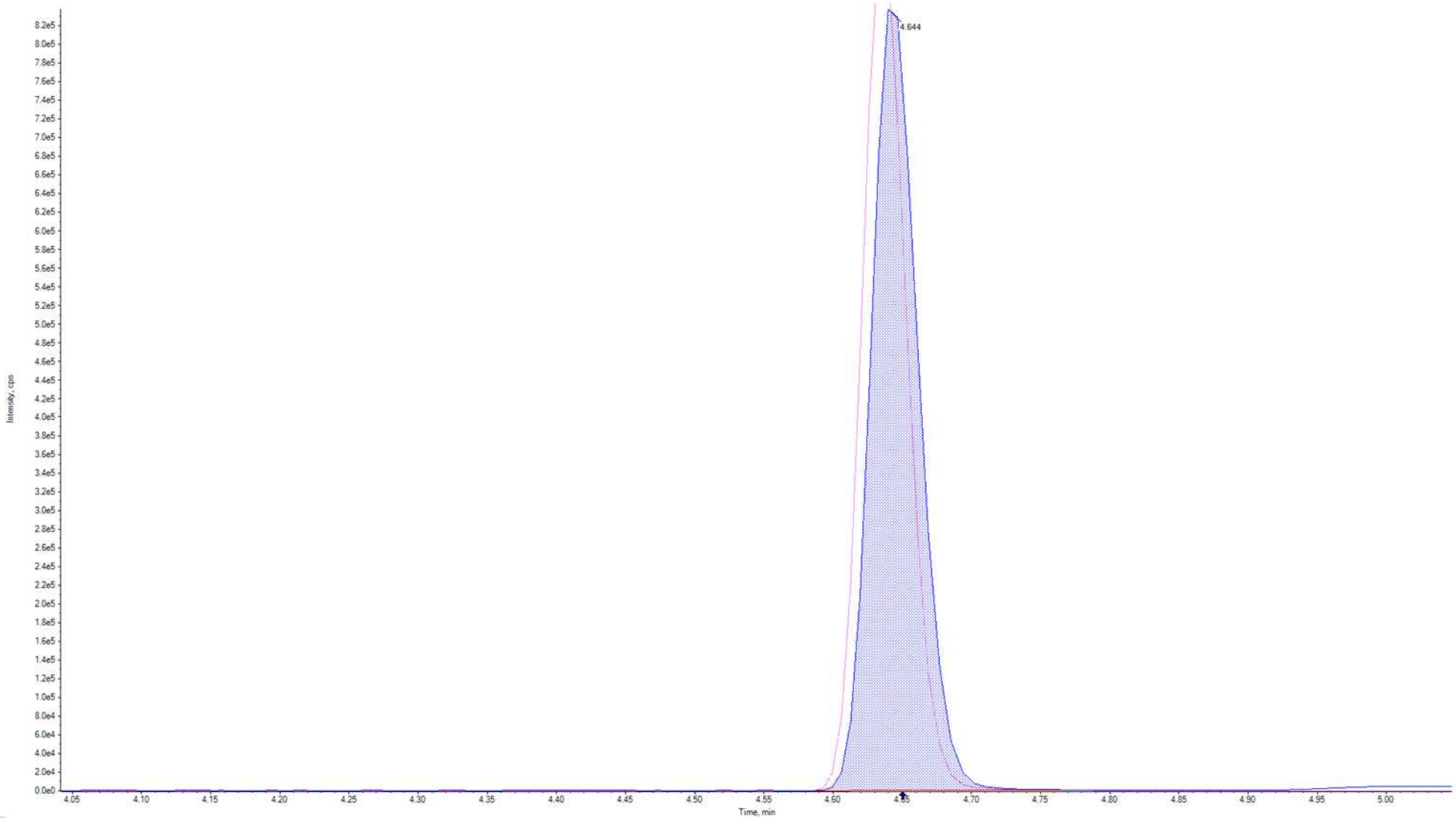
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PFBA
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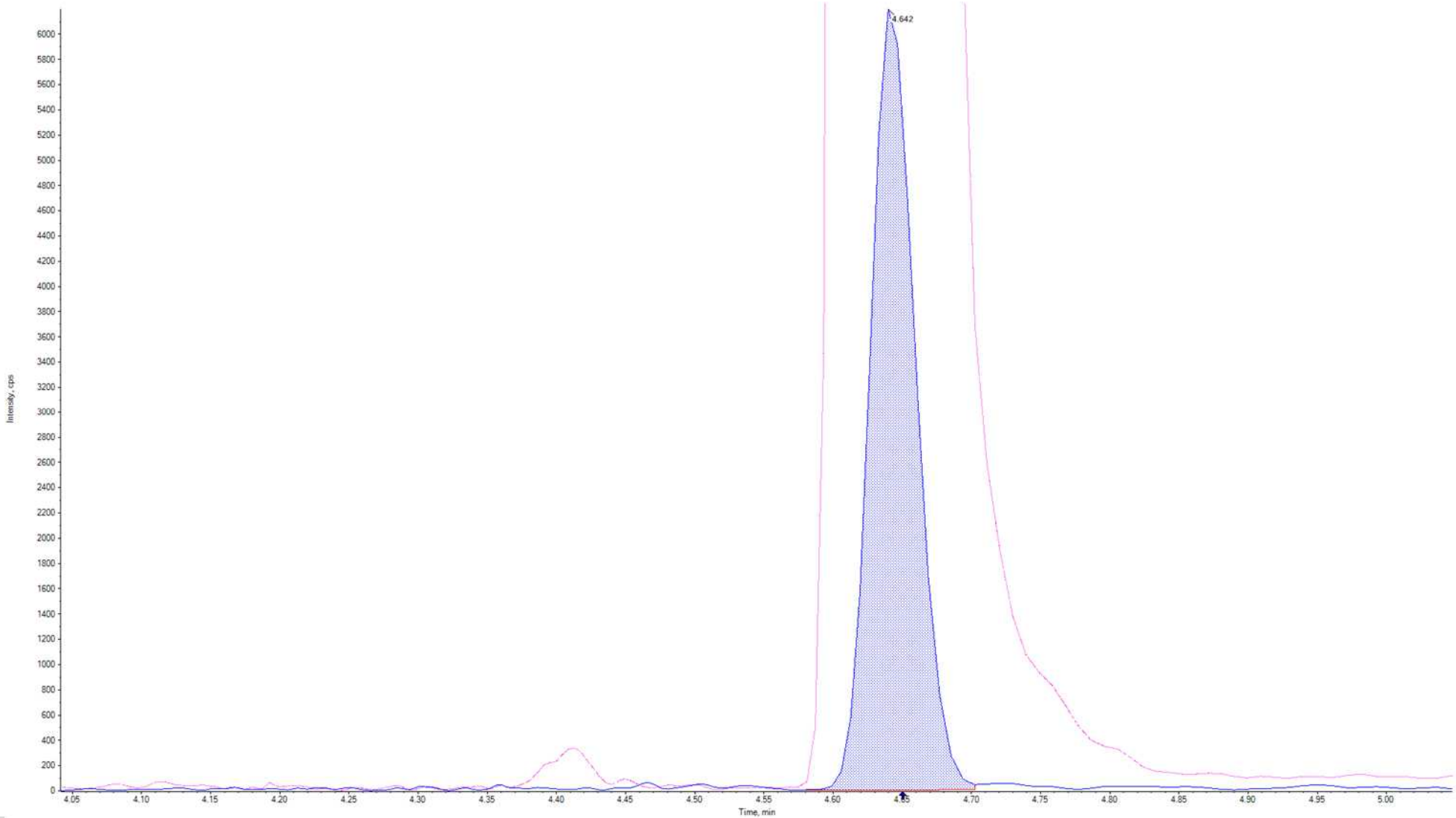
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PFPeA
Sample: WG1972379-10,1633MED S/N:3542.9 Points Across peak:33



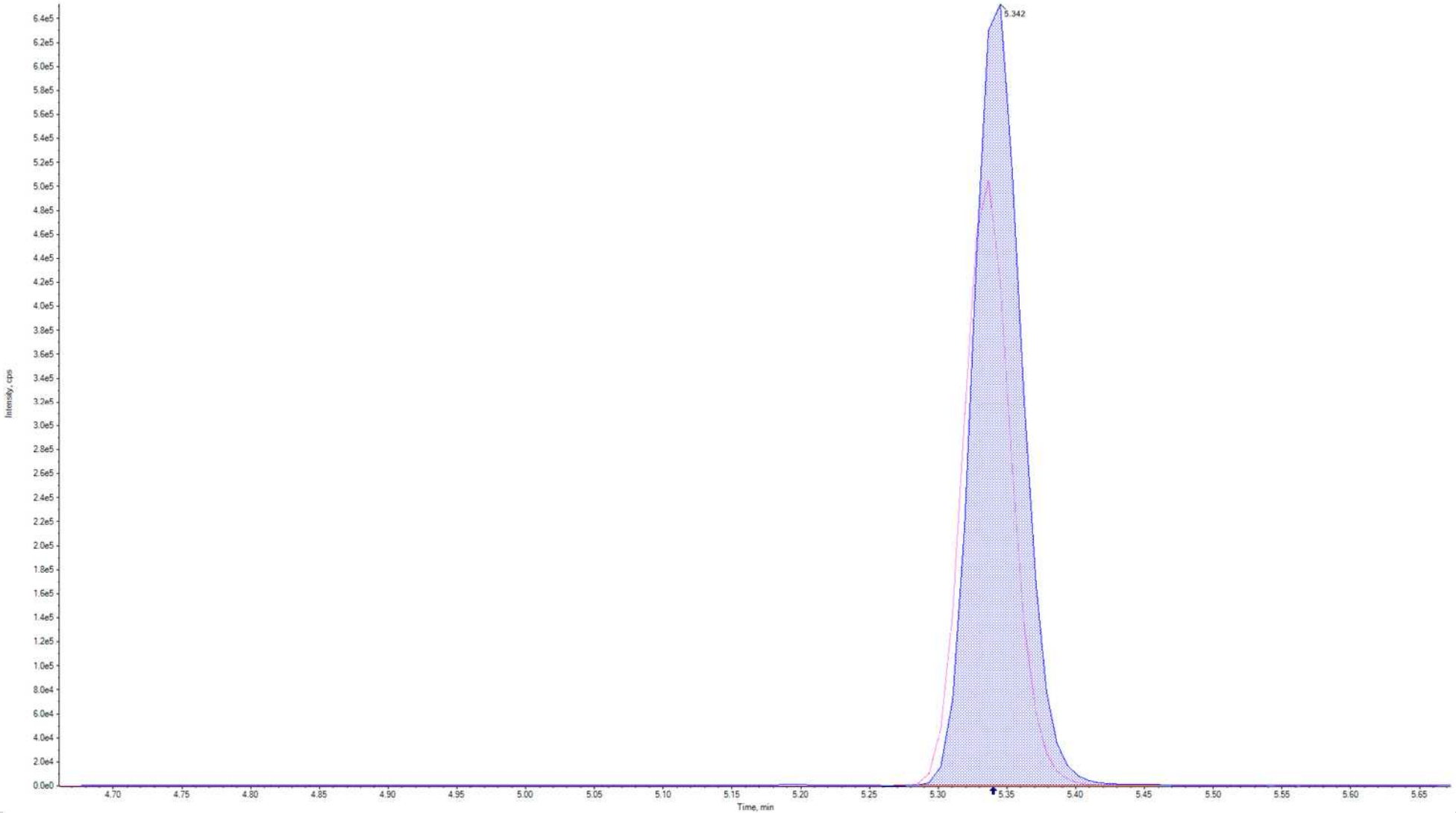
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PFPeA_2
Sample: WG1972379-10,1633MED S/N:1833.3 Points Across peak:19



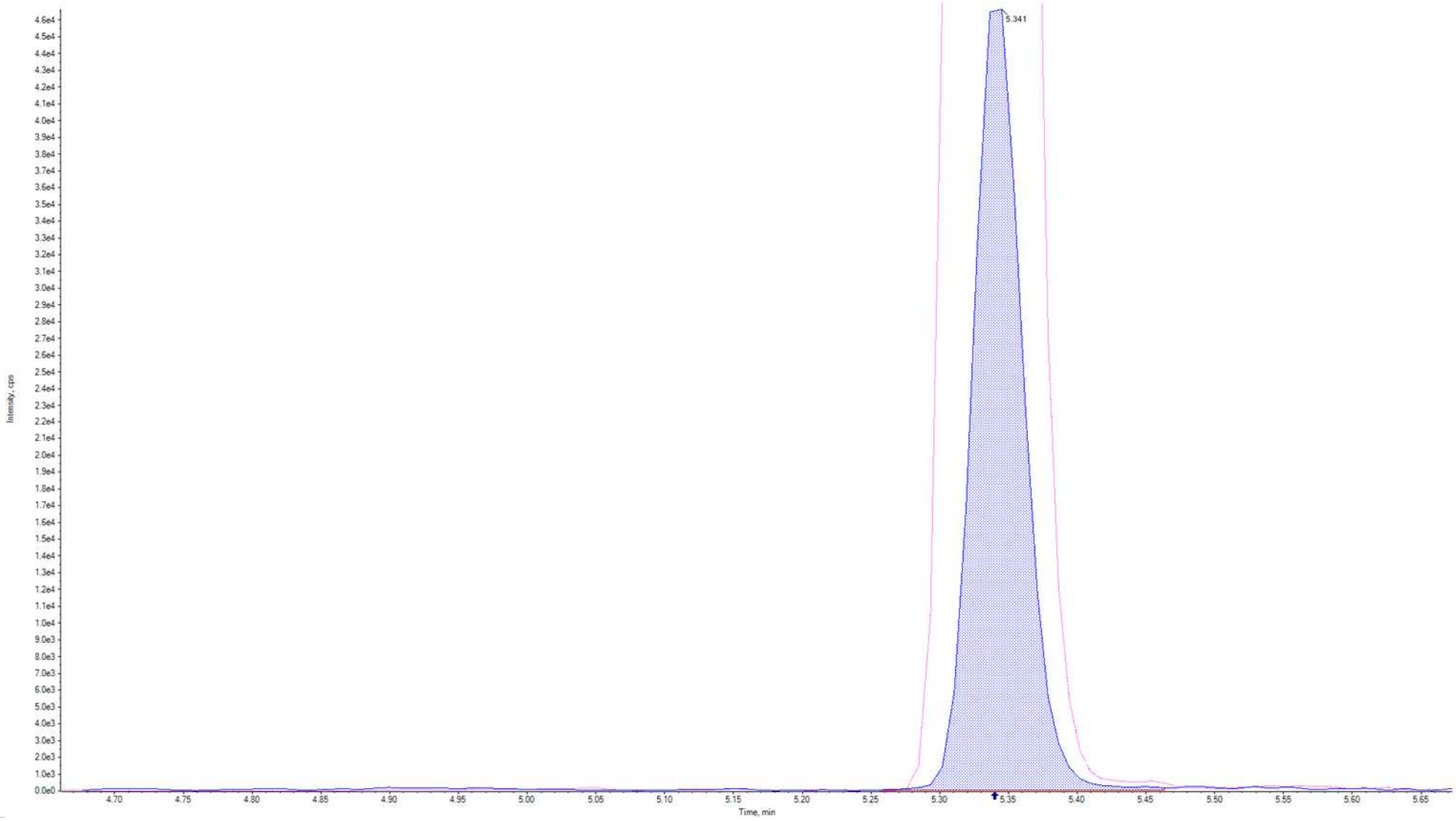
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PFHxA
Sample: WG1972379-10,1633MED S/N:1207.8 Points Across peak:26



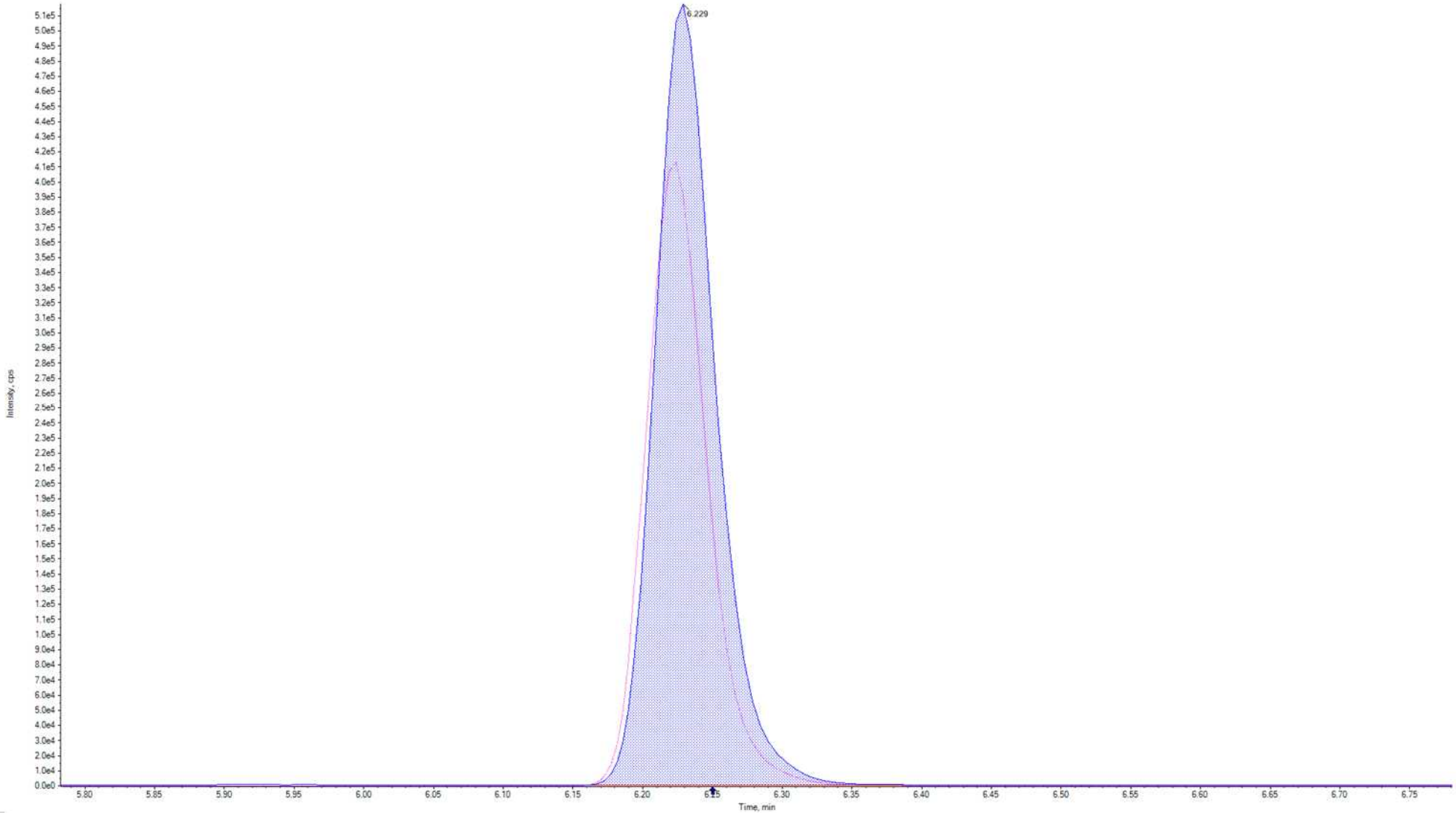
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PFHxA_2
Sample: WG1972379-10,1633MED S/N:1505.6 Points Across peak:28



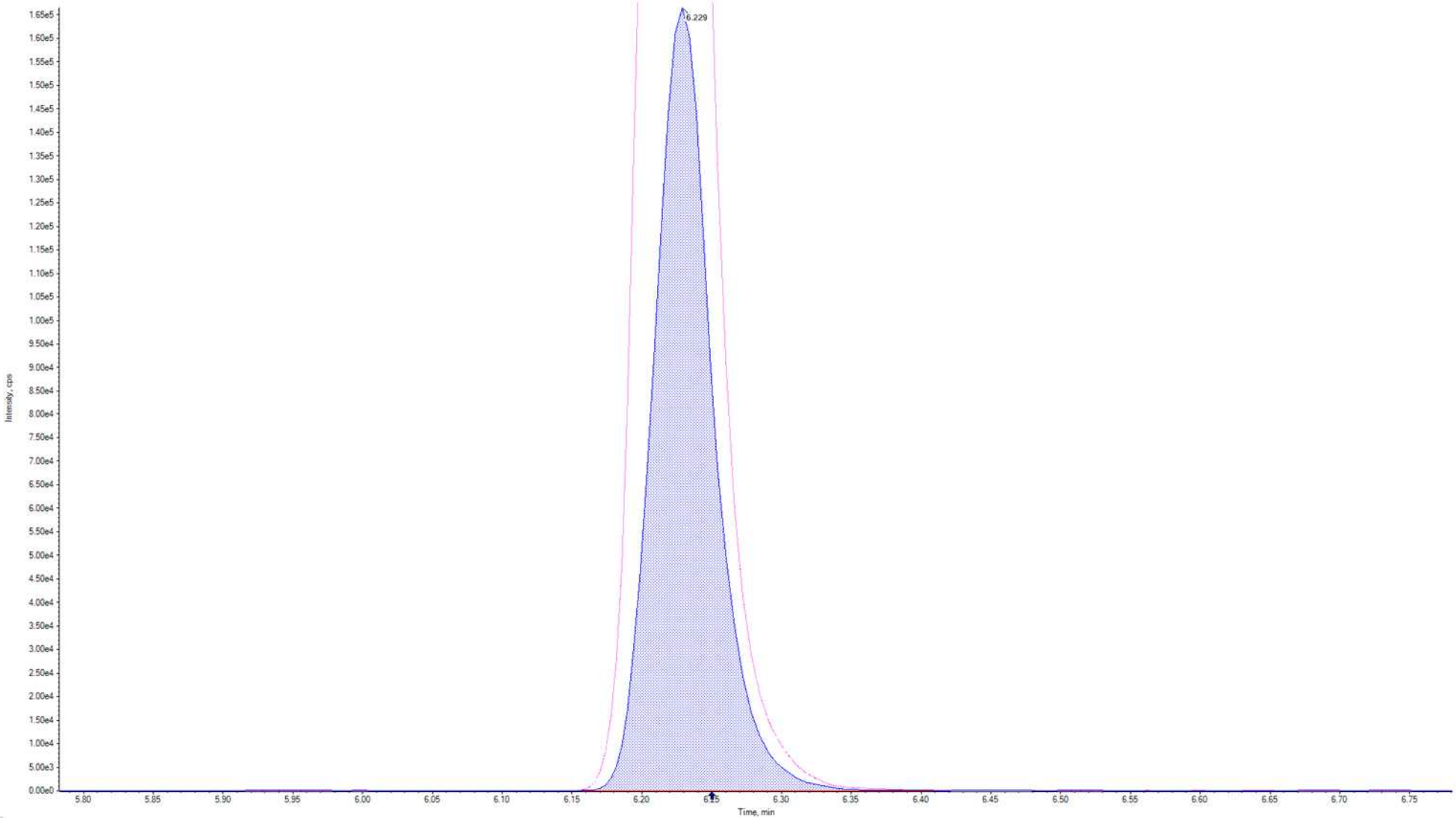
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PFHpA
Sample: WG1972379-10,1633MED S/N:2835.8 Points Across peak:48



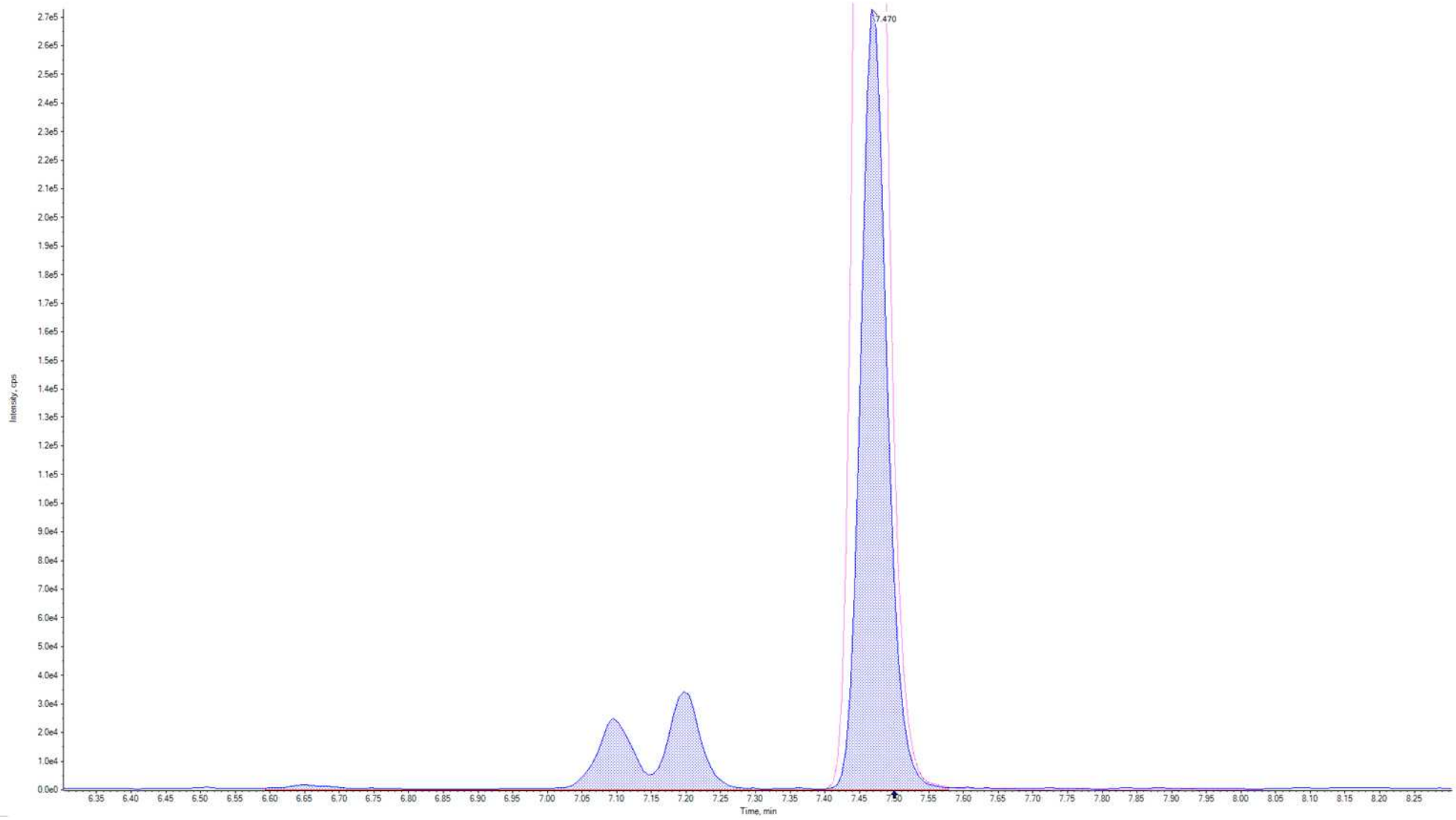
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PFHpA_2
Sample: WG1972379-10,1633MED S/N:10073.8 Points Across peak:49



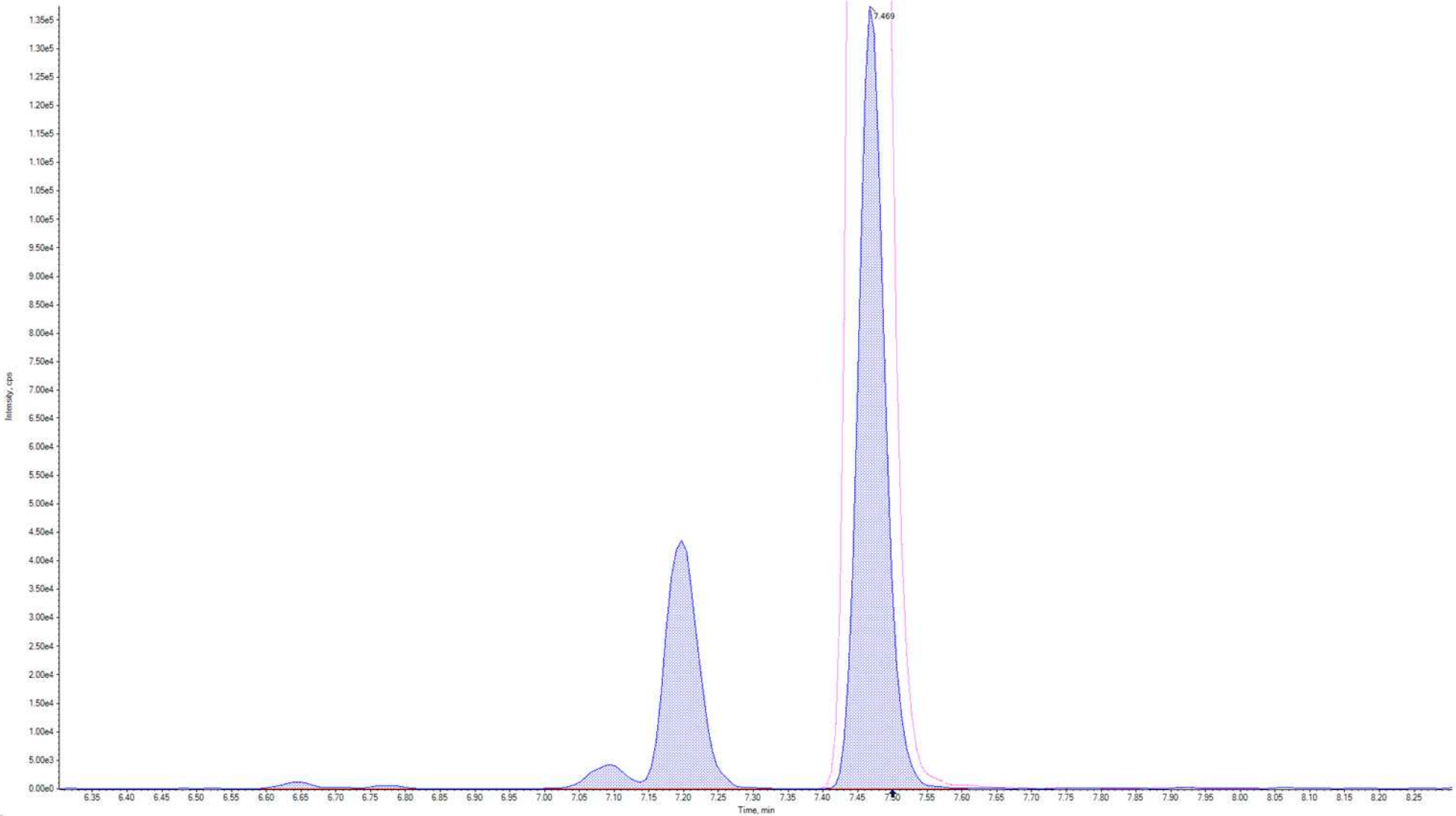
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PFOA
Sample: WG1972379-10,1633MED S/N:2029.5 Points Across peak:150



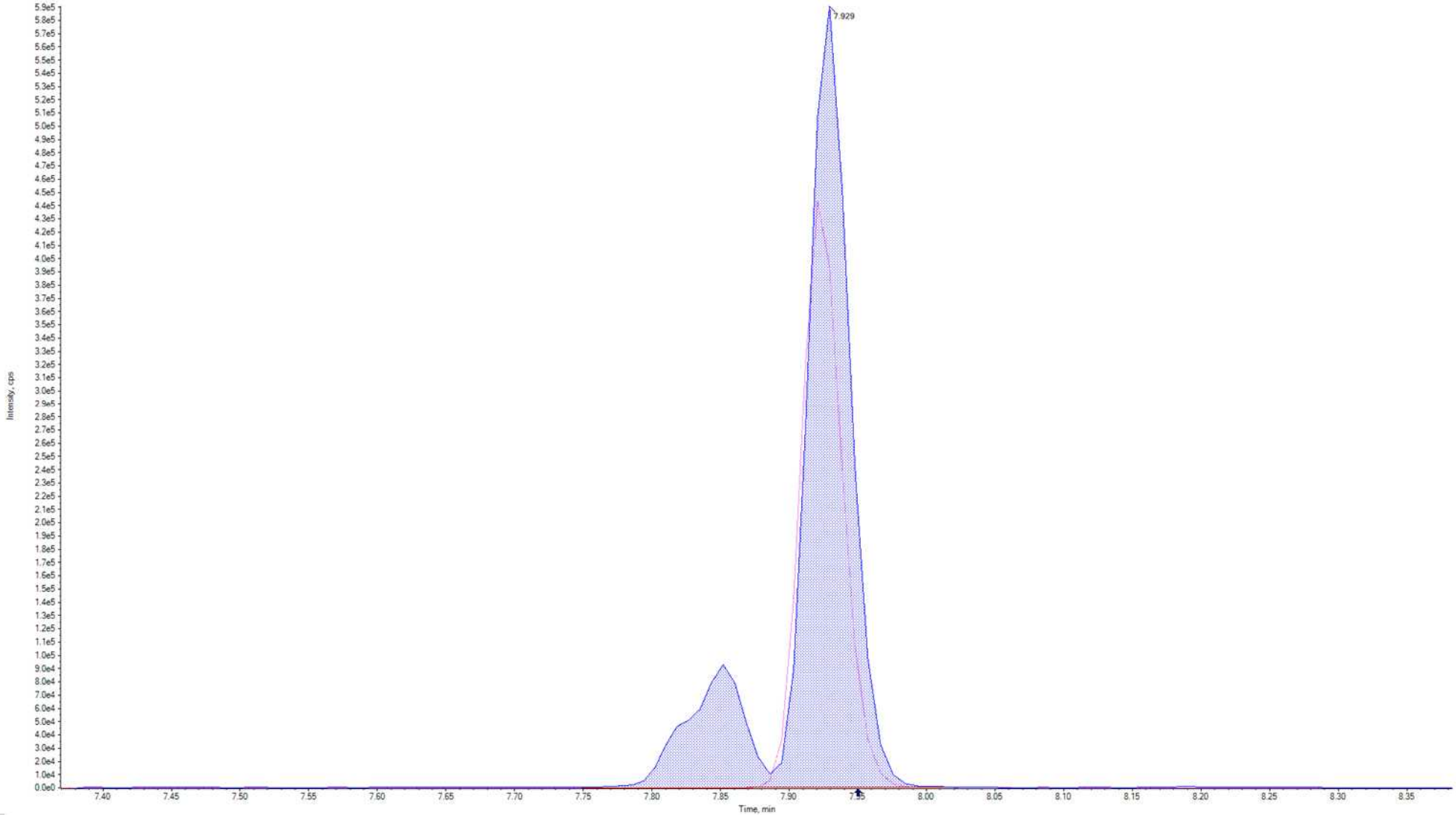
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PFOA_2
Sample: WG1972379-10,1633MED S/N:155568.6 Points Across peak:157



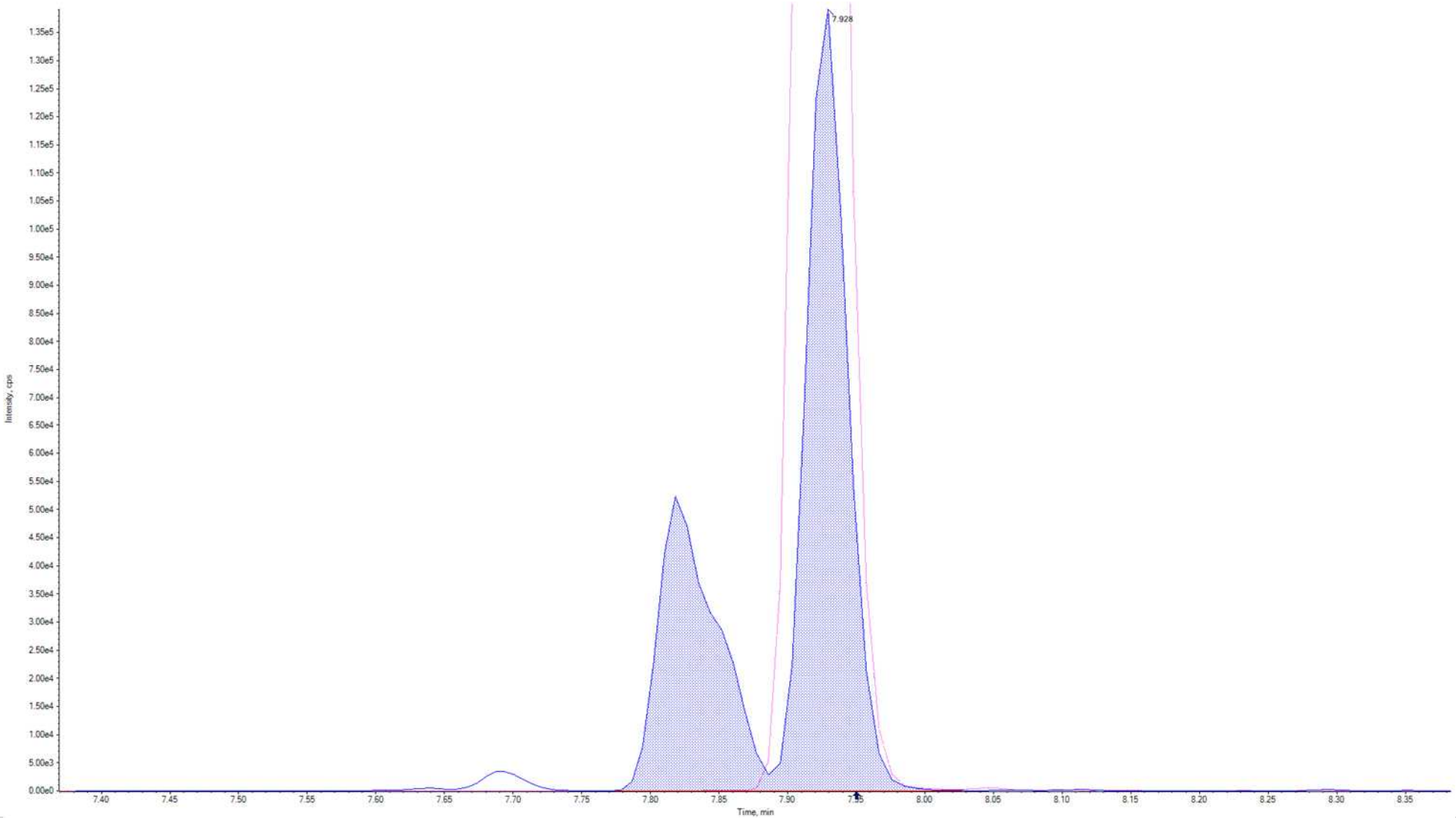
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PFNA
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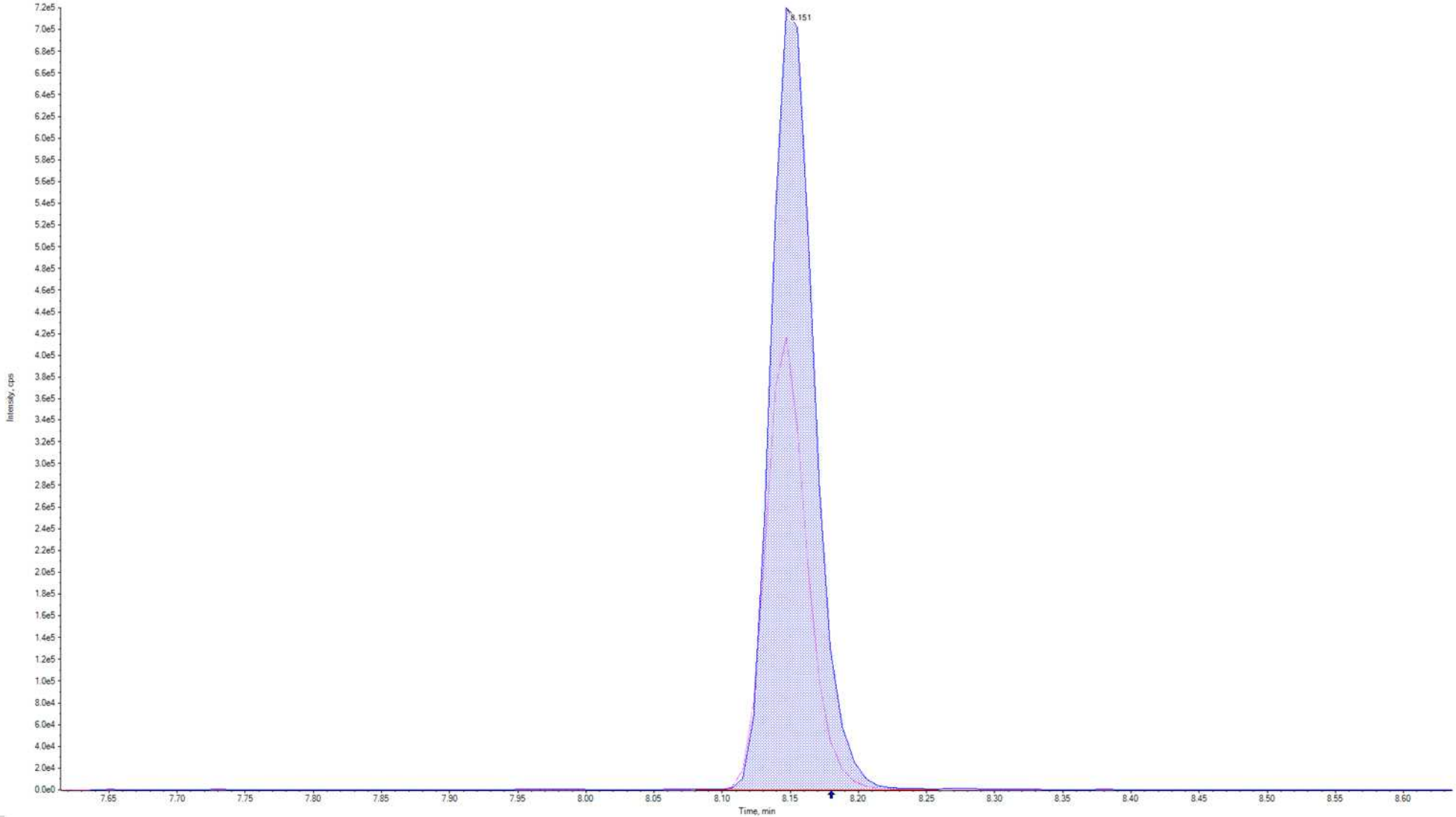
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PFNA_2
Sample: WG1972379-10,1633MED S/N:1018.5 Points Across peak:32



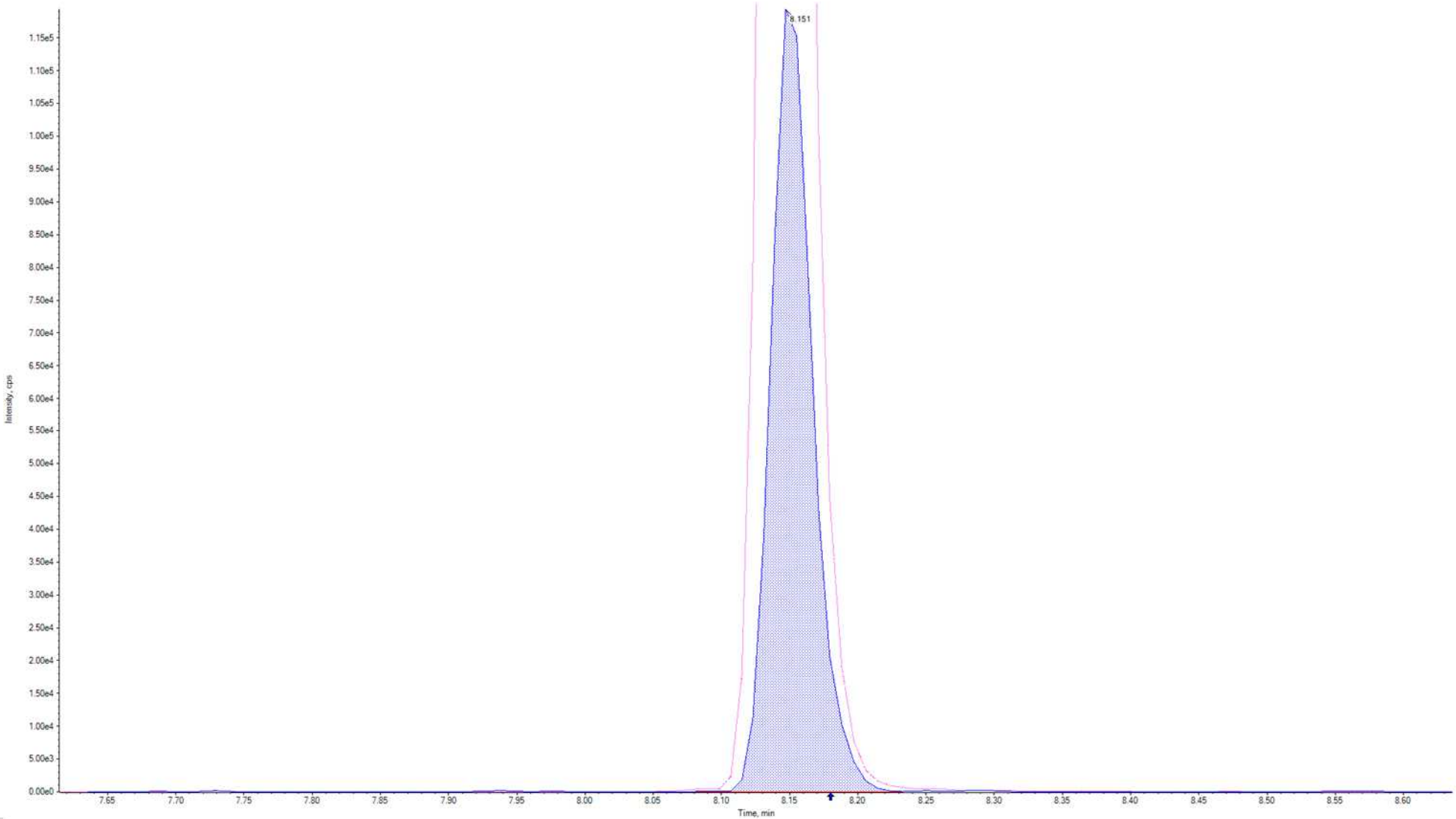
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Alpha Analytical Inc.
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PFDA
Sample: WG1972379-10,1633MED S/N:2872.5 Points Across peak:22



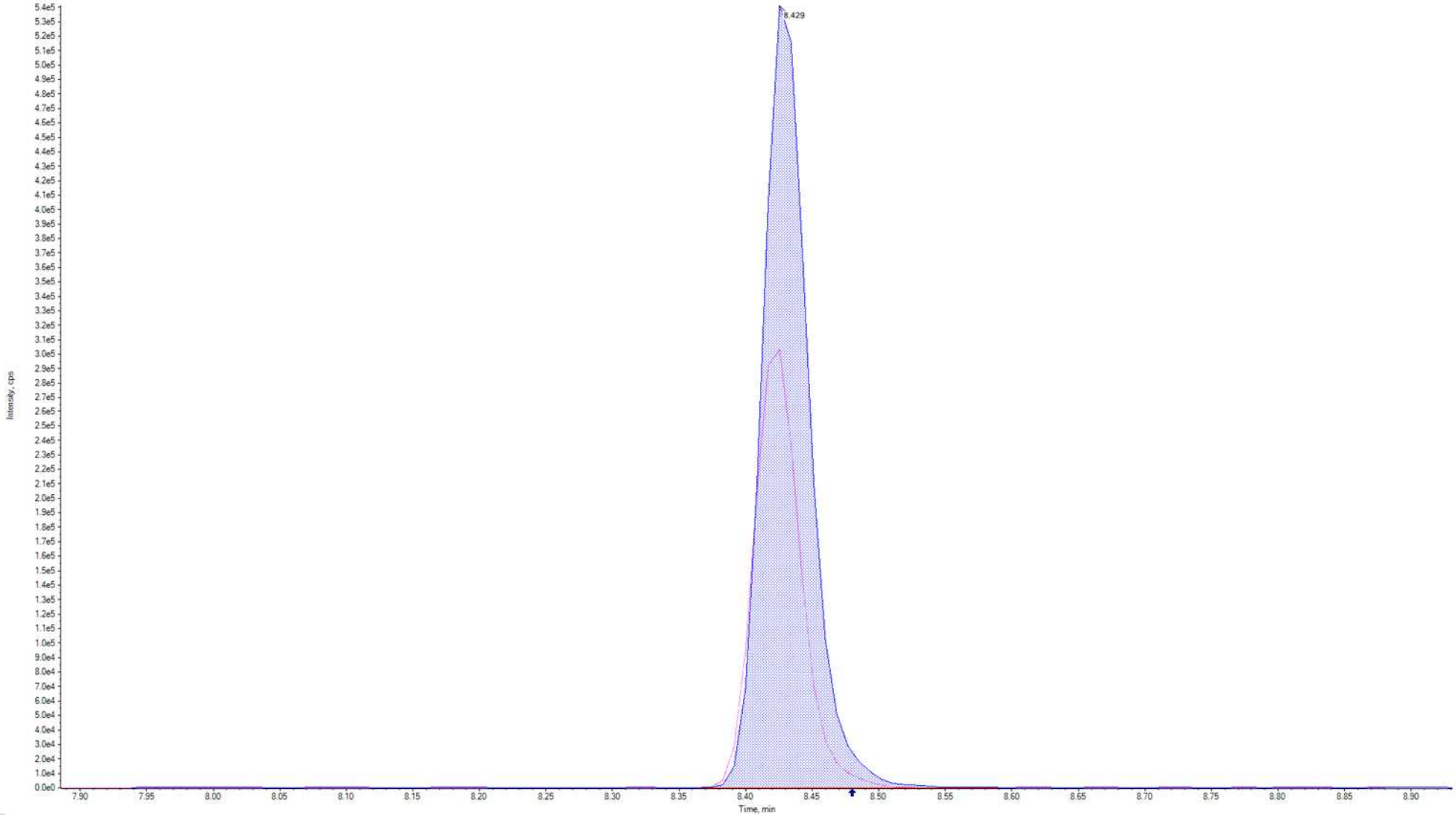
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PFDA_2
Sample: WG1972379-10,1633MED S/N:1790.3 Points Across peak:21



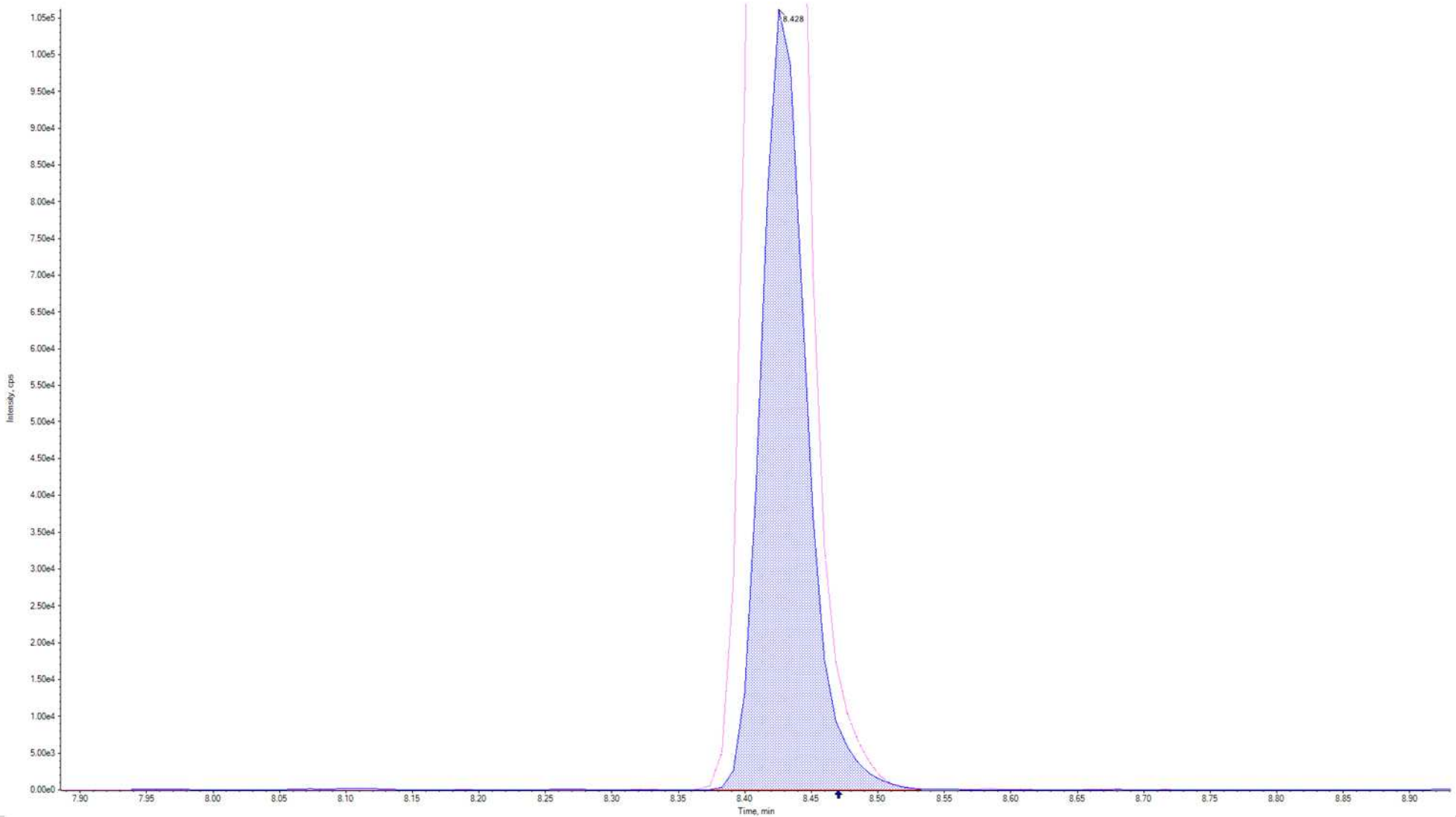
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PFUnA
Sample: WG1972379-10,1633MED S/N:2805.3 Points Across peak:32



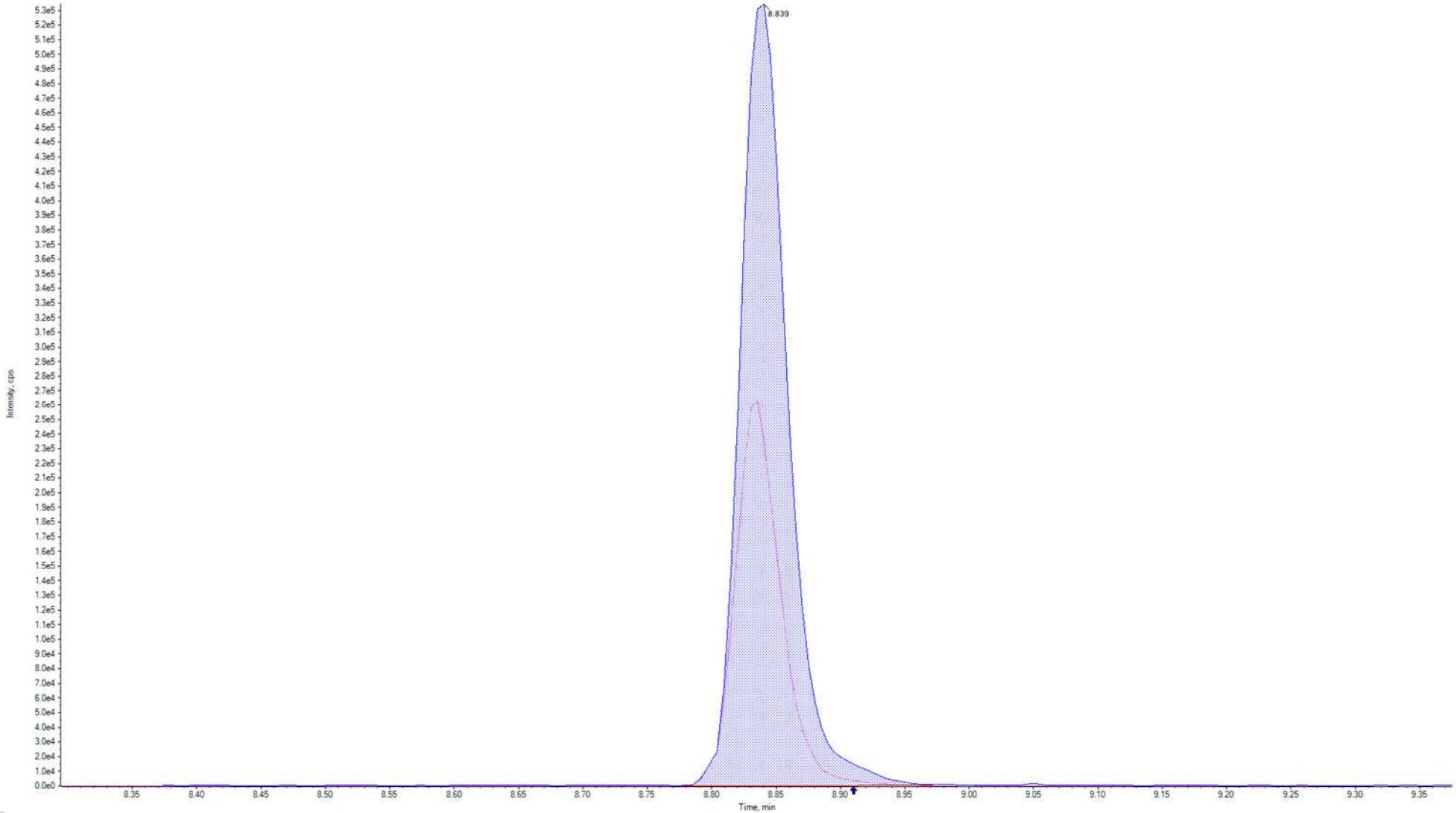
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PFUnA_2
Sample: WG1972379-10,1633MED S/N:2616.5 Points Across peak:25



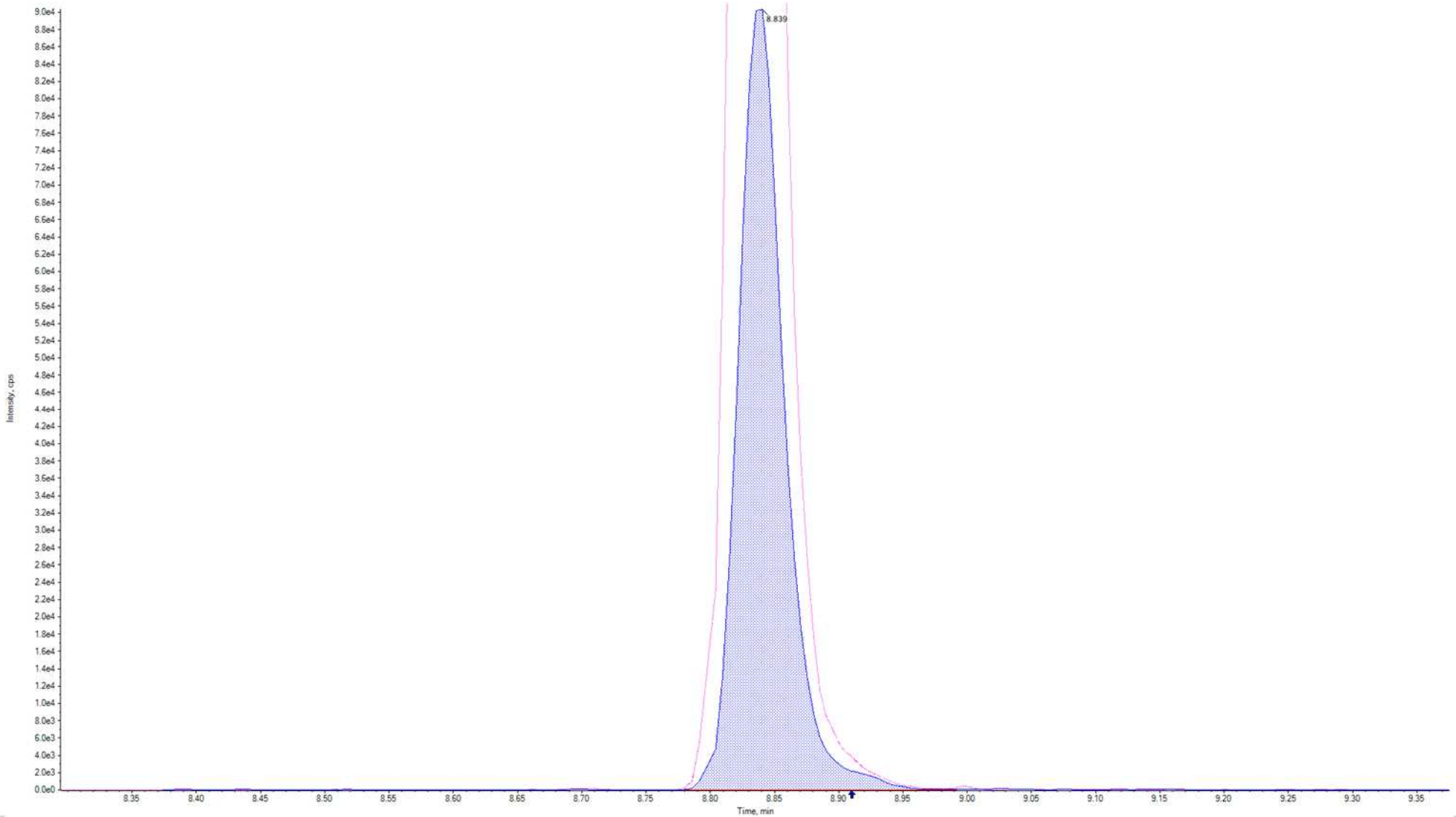
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

PFDoA
Sample: WG1972379-10,1633MED S/N:3557.8 Points Across peak:38



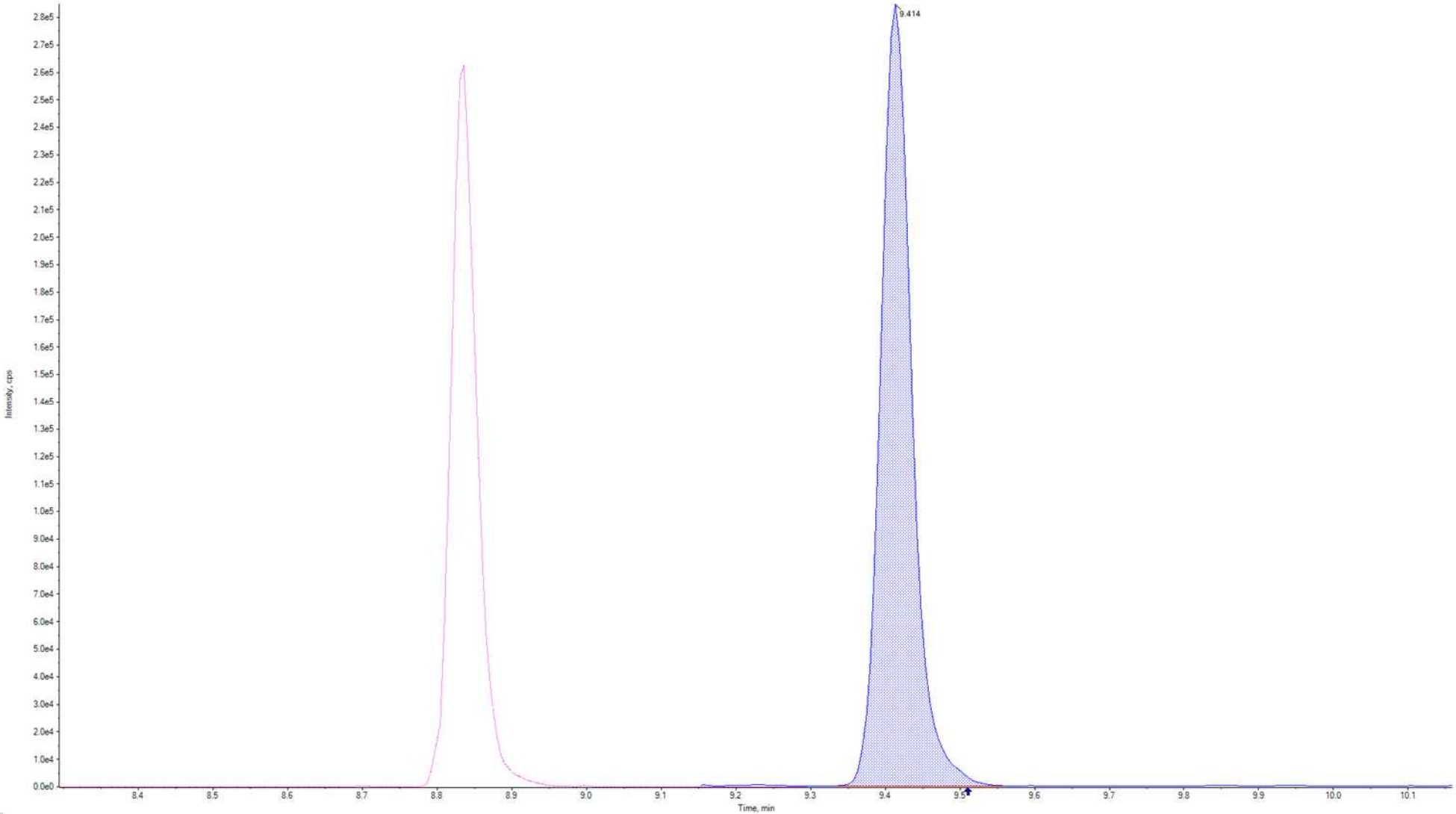
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Alpha Analytical Inc.
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PFDoA_2
Sample: WG1972379-10,1633MED S/N:188065.6 Points Across peak:43



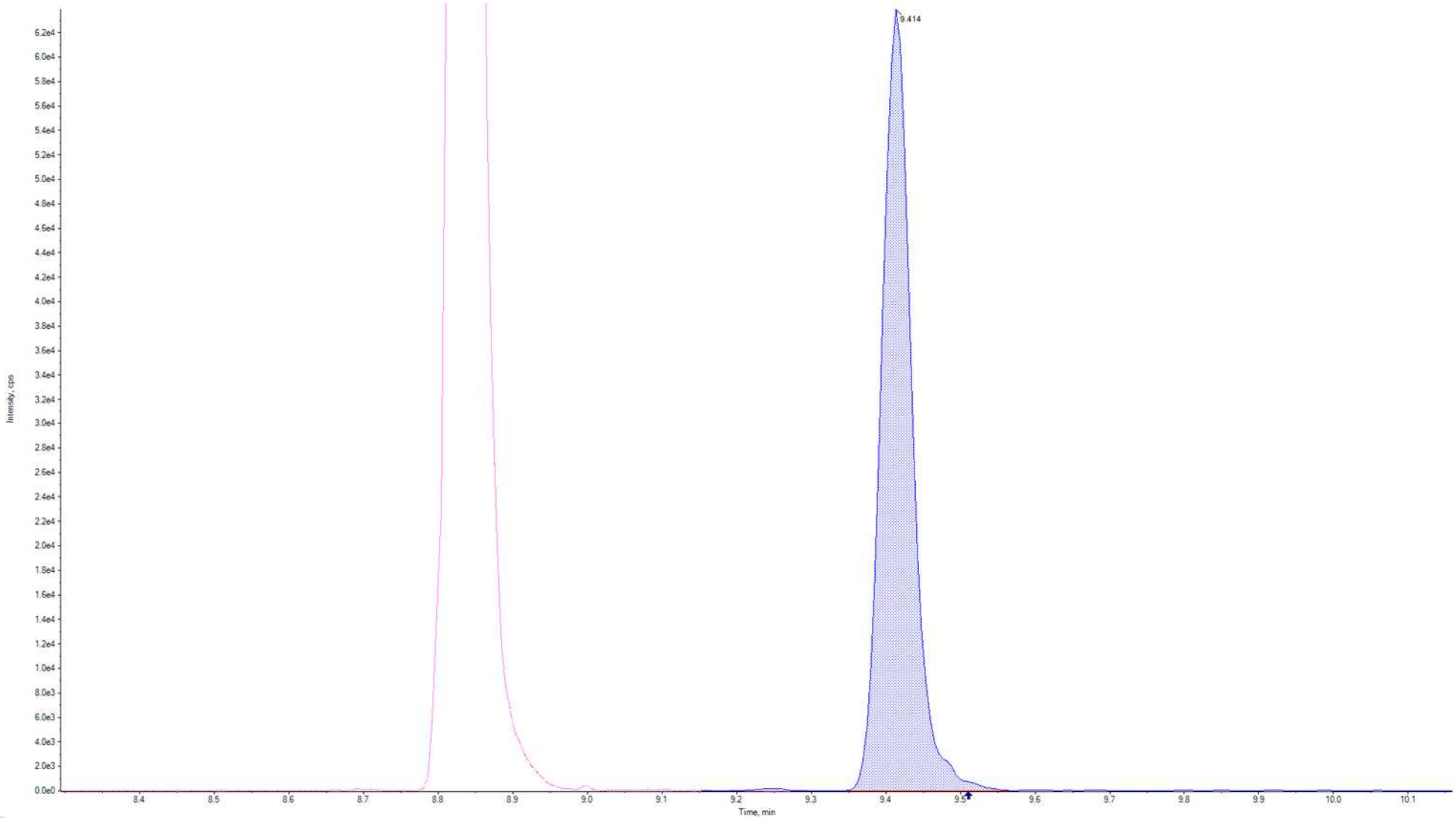
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Last Altered: 9/17/2024 1:15:28 PM
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PFTrDA
Sample: WG1972379-10,1633MED S/N:2279.7 Points Across peak:44



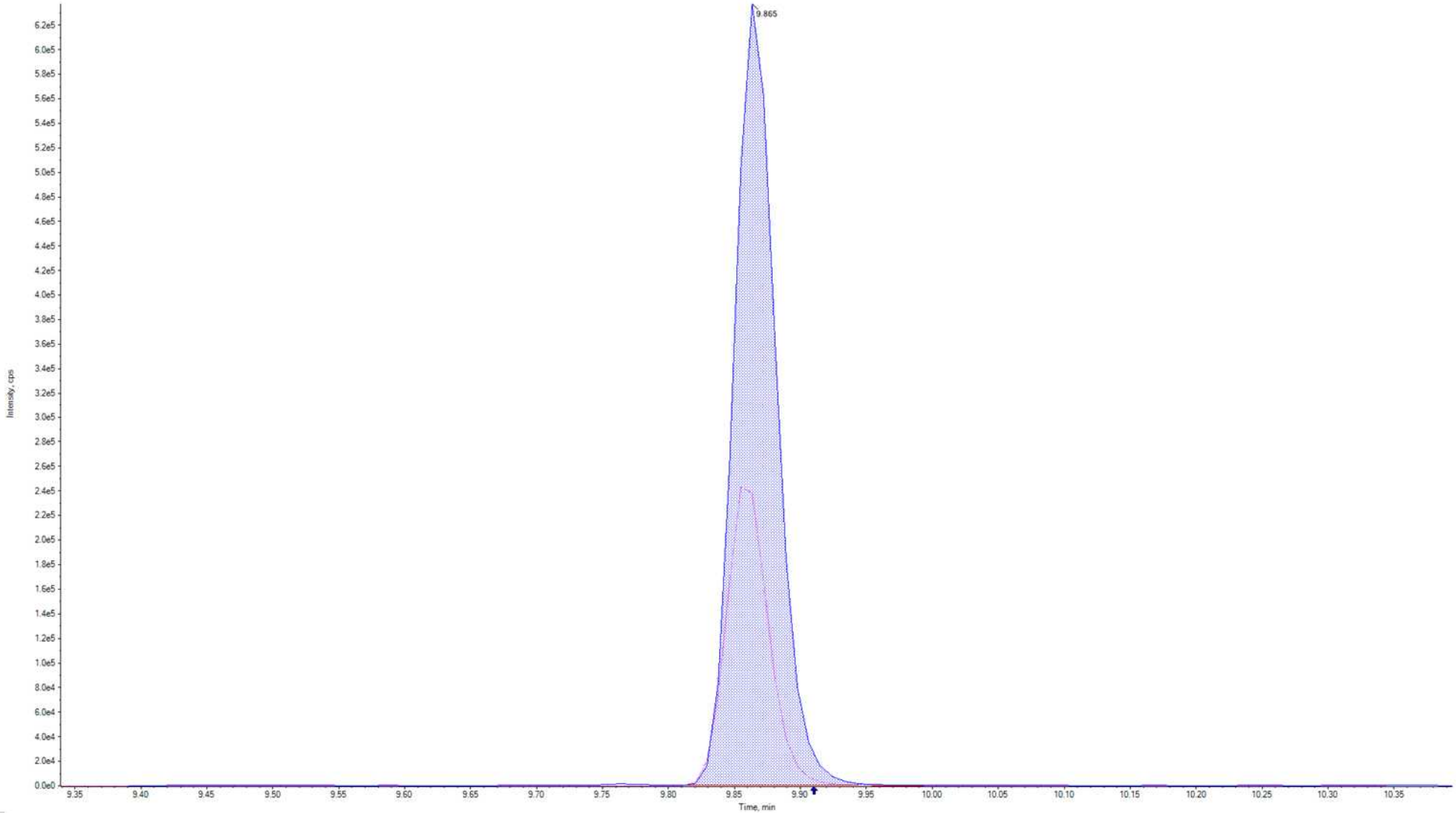
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Last Altered: 9/17/2024 1:15:28 PM
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PFTrDA_2
Sample: WG1972379-10,1633MED S/N:31995.5 Points Across peak:39



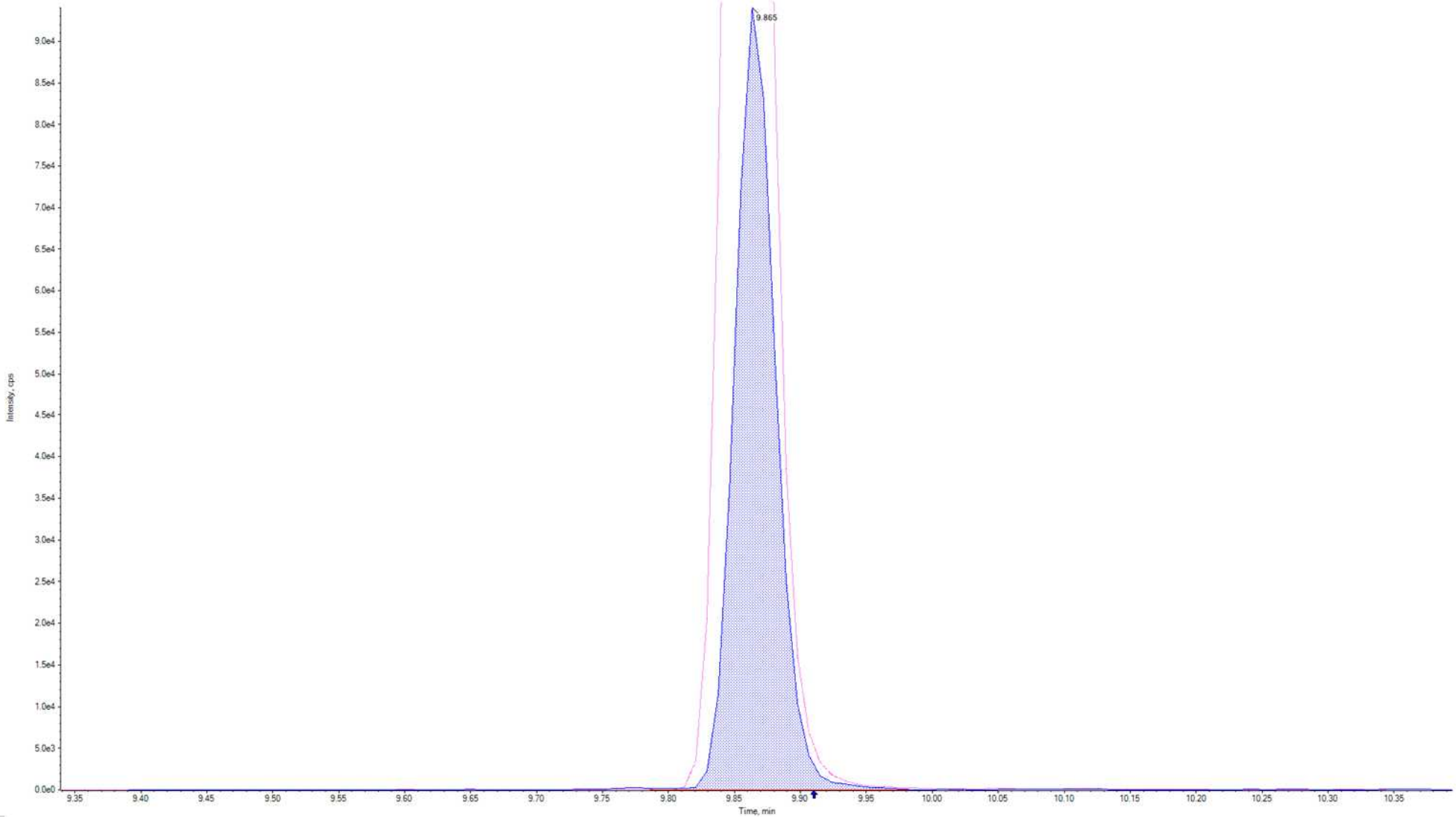
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Last Altered: 9/17/2024 1:15:28 PM
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PFTeDA
Sample: WG1972379-10,1633MED S/N:2068.2 Points Across peak:22



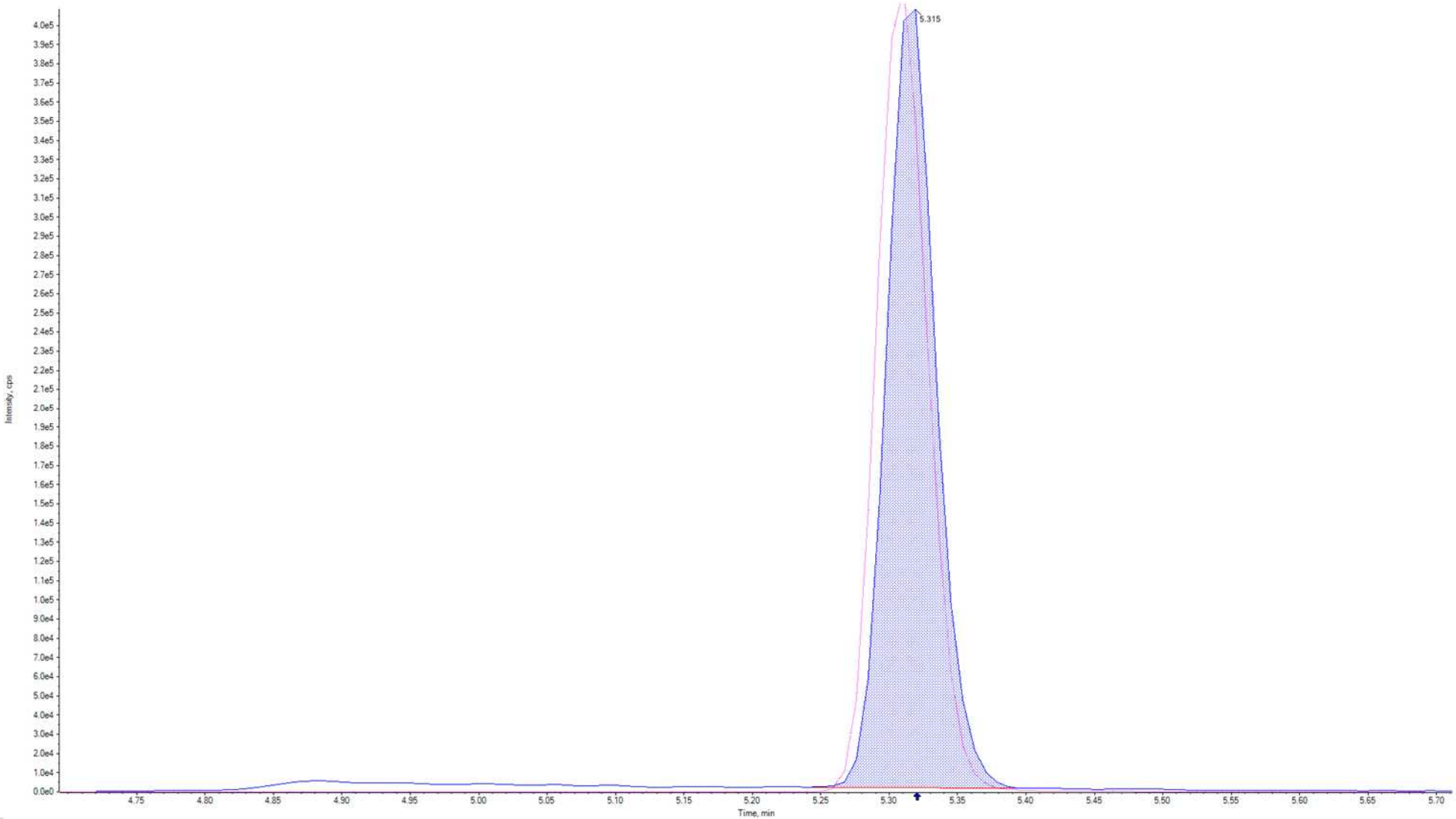
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Last Altered: 9/17/2024 1:15:28 PM
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PFTeDA_2
Sample: WG1972379-10,1633MED S/N:2064.4 Points Across peak:24



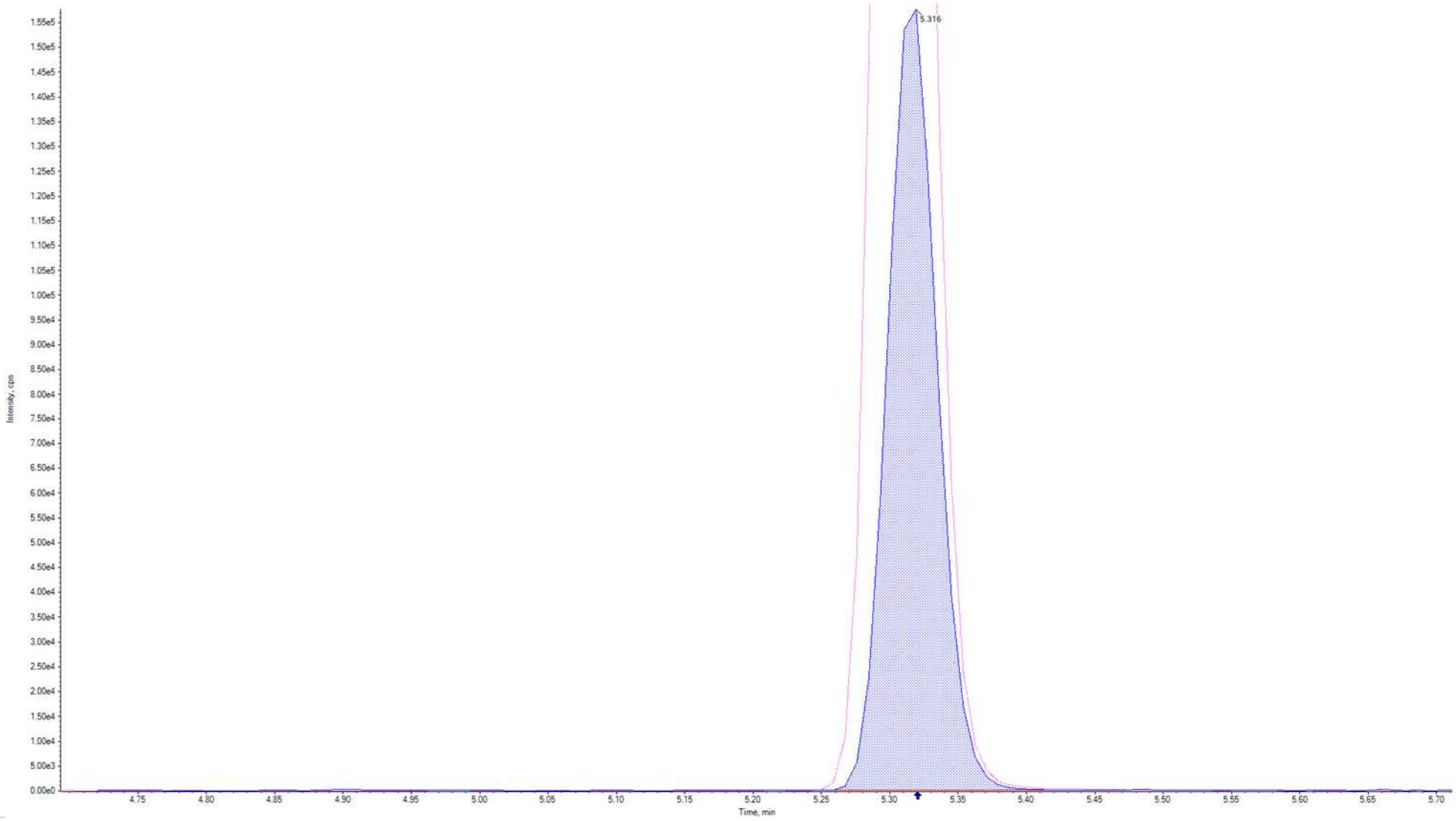
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Last Altered: 9/17/2024 1:15:28 PM
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PFBS
Sample: WG1972379-10,1633MED S/N:82.1 Points Across peak:19



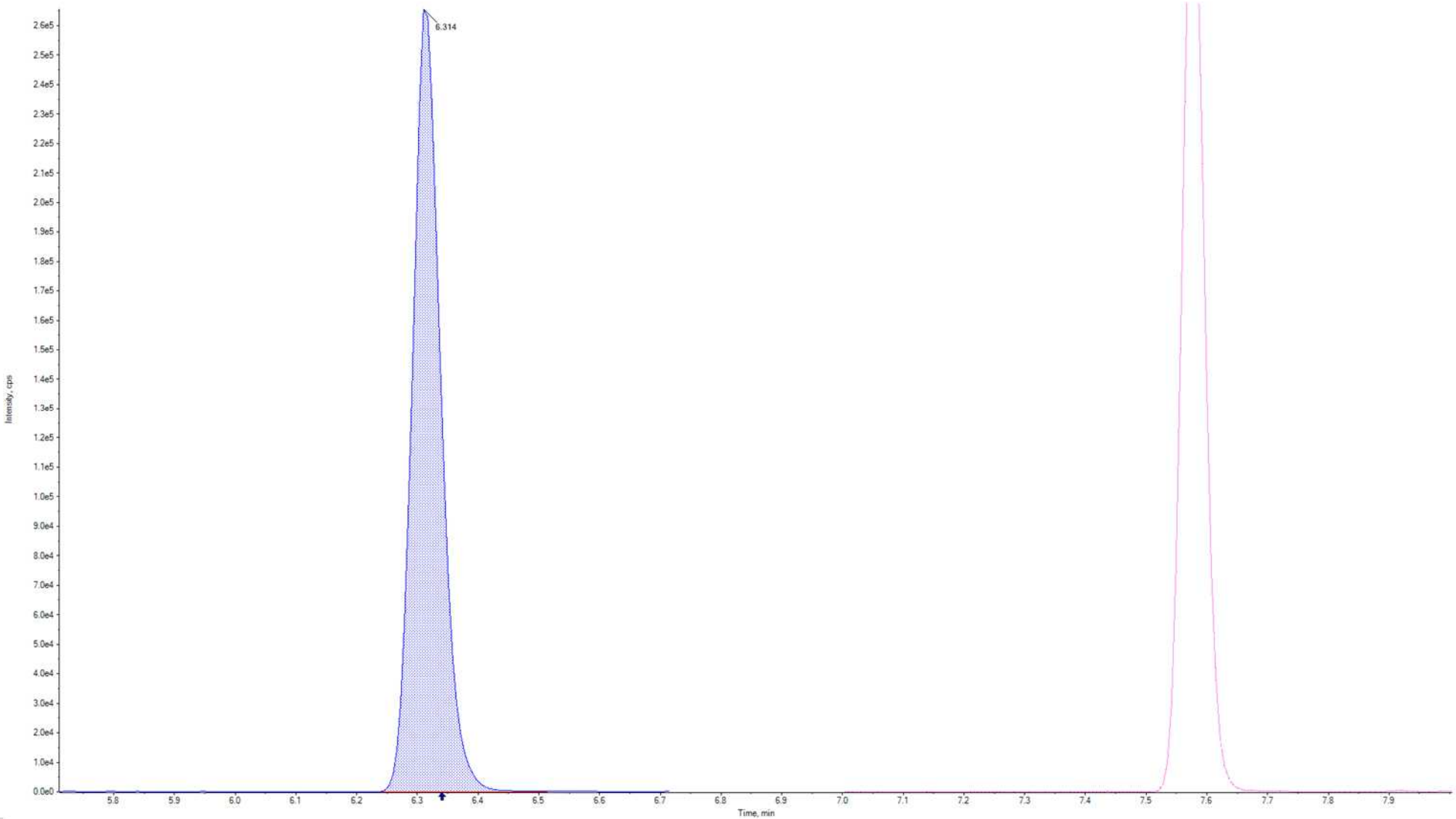
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Alpha Analytical Inc.
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PFBS_2
Sample: WG1972379-10,1633MED S/N:3931.9 Points Across peak:22



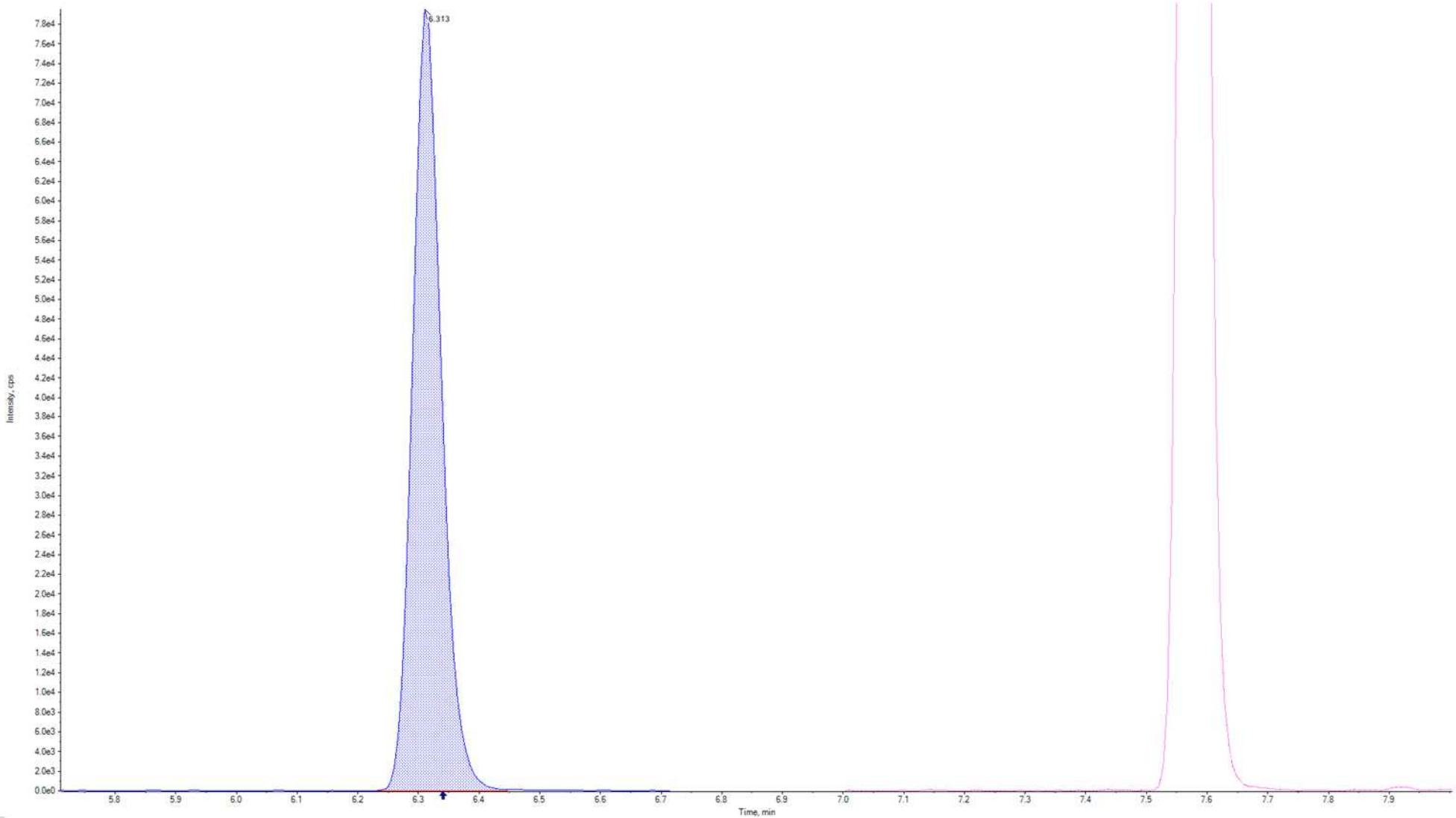
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Last Altered: 9/17/2024 1:15:28 PM
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PFPeS
Sample: WG1972379-10,1633MED S/N:5294.0 Points Across peak:44



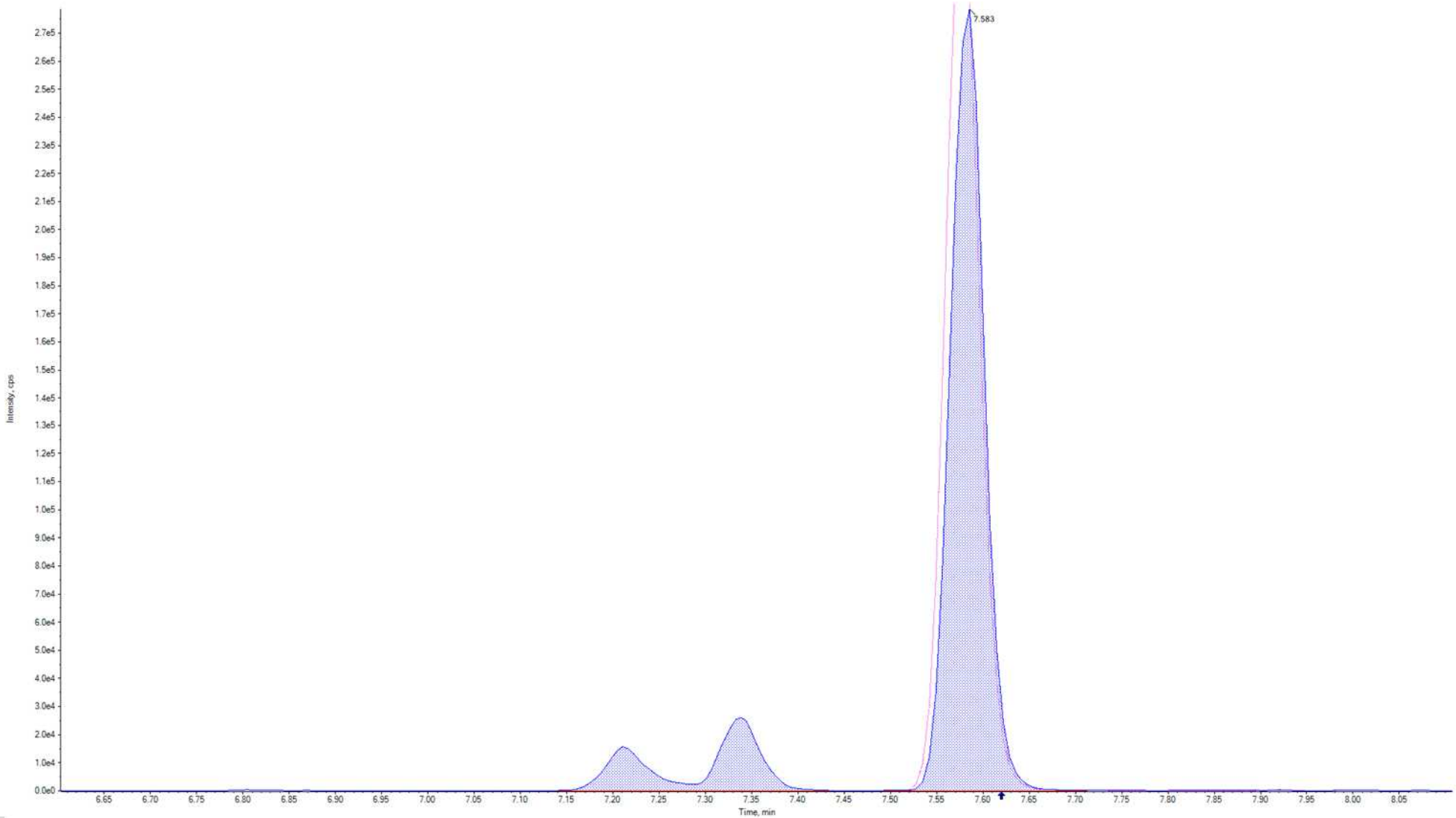
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Last Altered: 9/17/2024 1:15:28 PM
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PFPeS_2
Sample: WG1972379-10,1633MED S/N:10663.9 Points Across peak:35



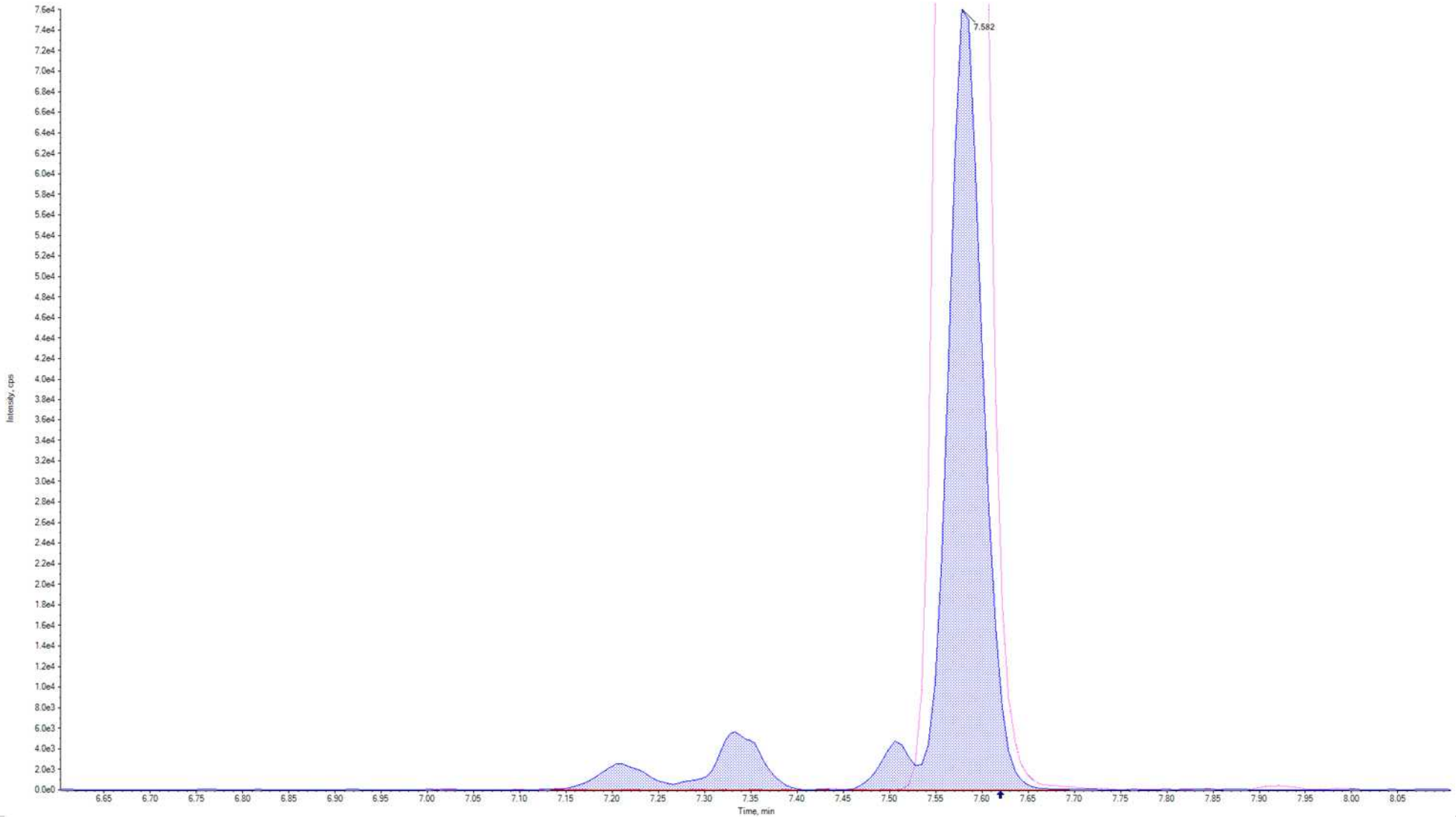
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Last Altered: 9/17/2024 1:15:28 PM
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PFHxS
Sample: WG1972379-10,1633MED S/N:54538.9 Points Across peak:93



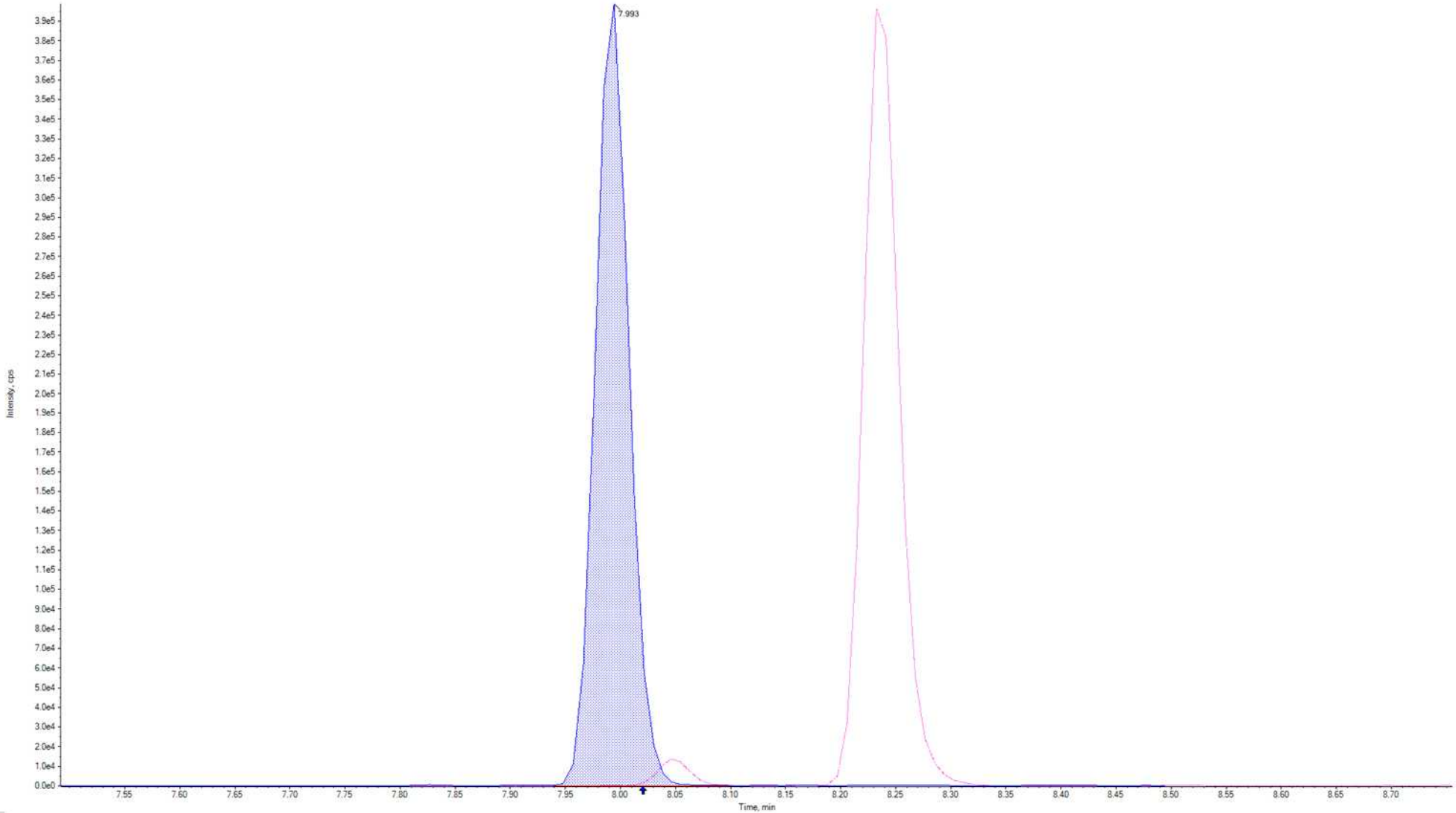
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Last Altered: 9/17/2024 1:15:28 PM
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PFHxS_2
Sample: WG1972379-10,1633MED S/N:153658.6 Points Across peak:91



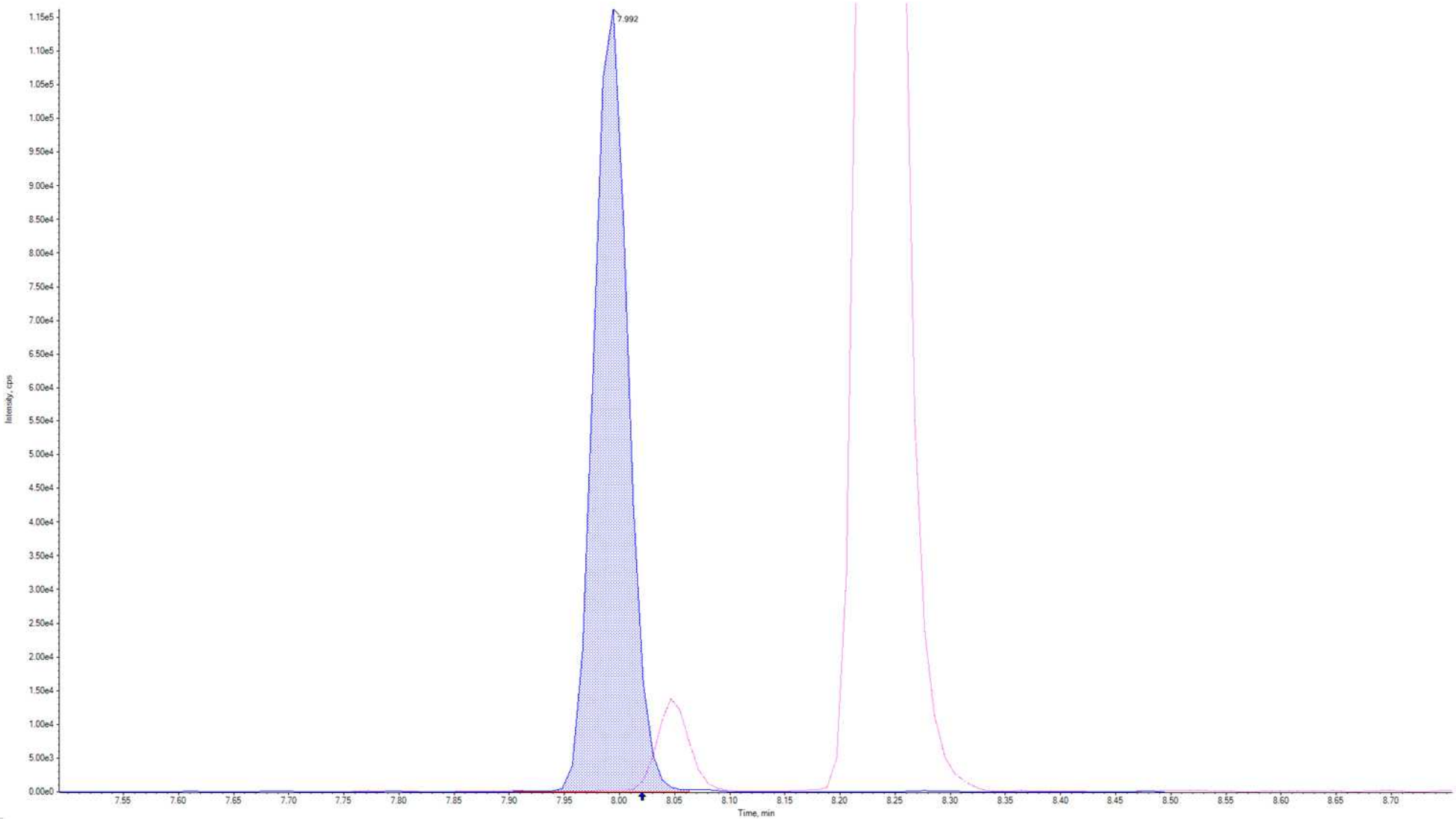
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Alpha Analytical Inc.
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PFHpS
Sample: WG1972379-10,1633MED S/N:19844.6 Points Across peak:20



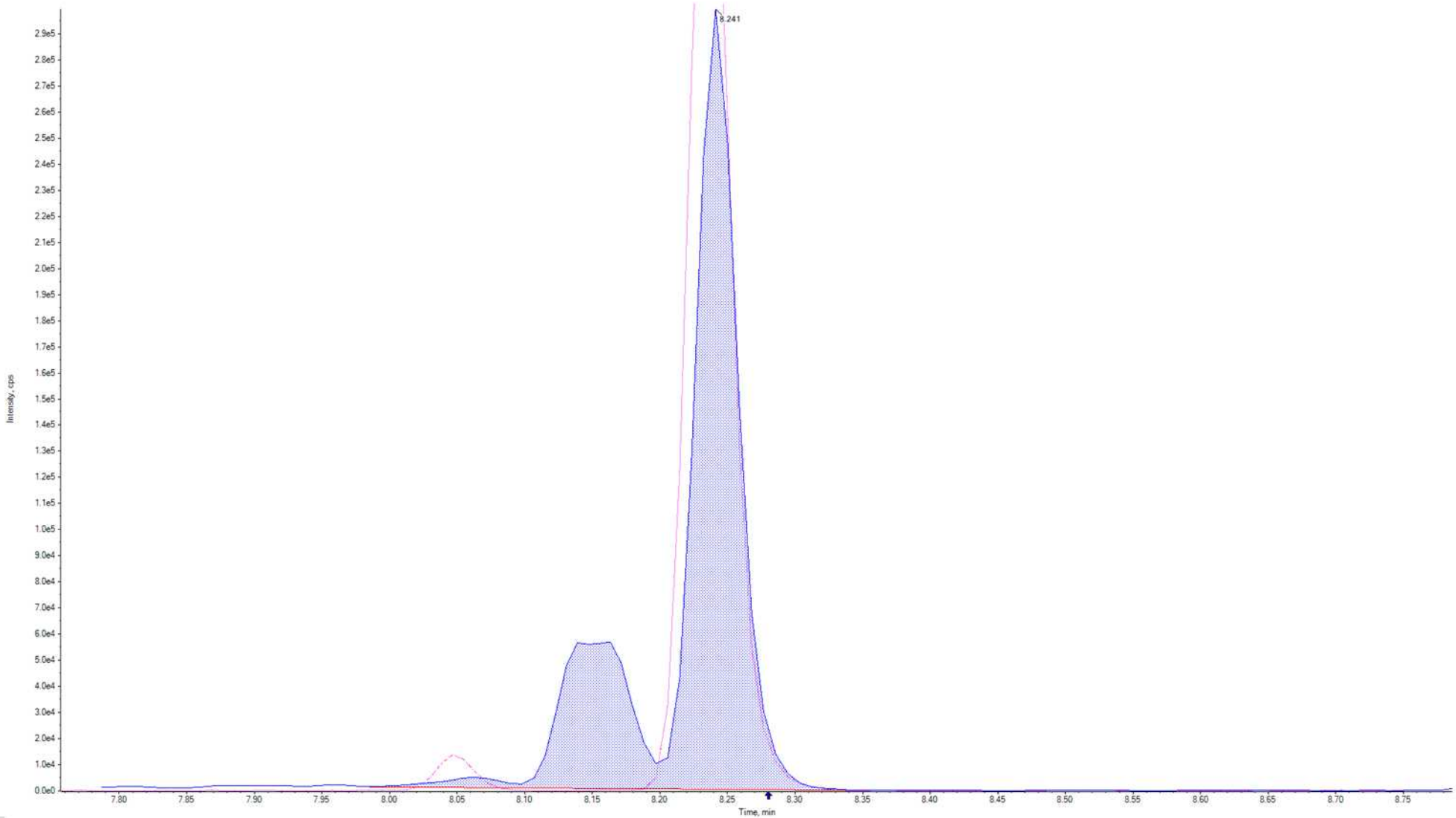
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Alpha Analytical Inc.
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PFHpS_2
Sample: WG1972379-10,1633MED S/N:2013.2 Points Across peak:25



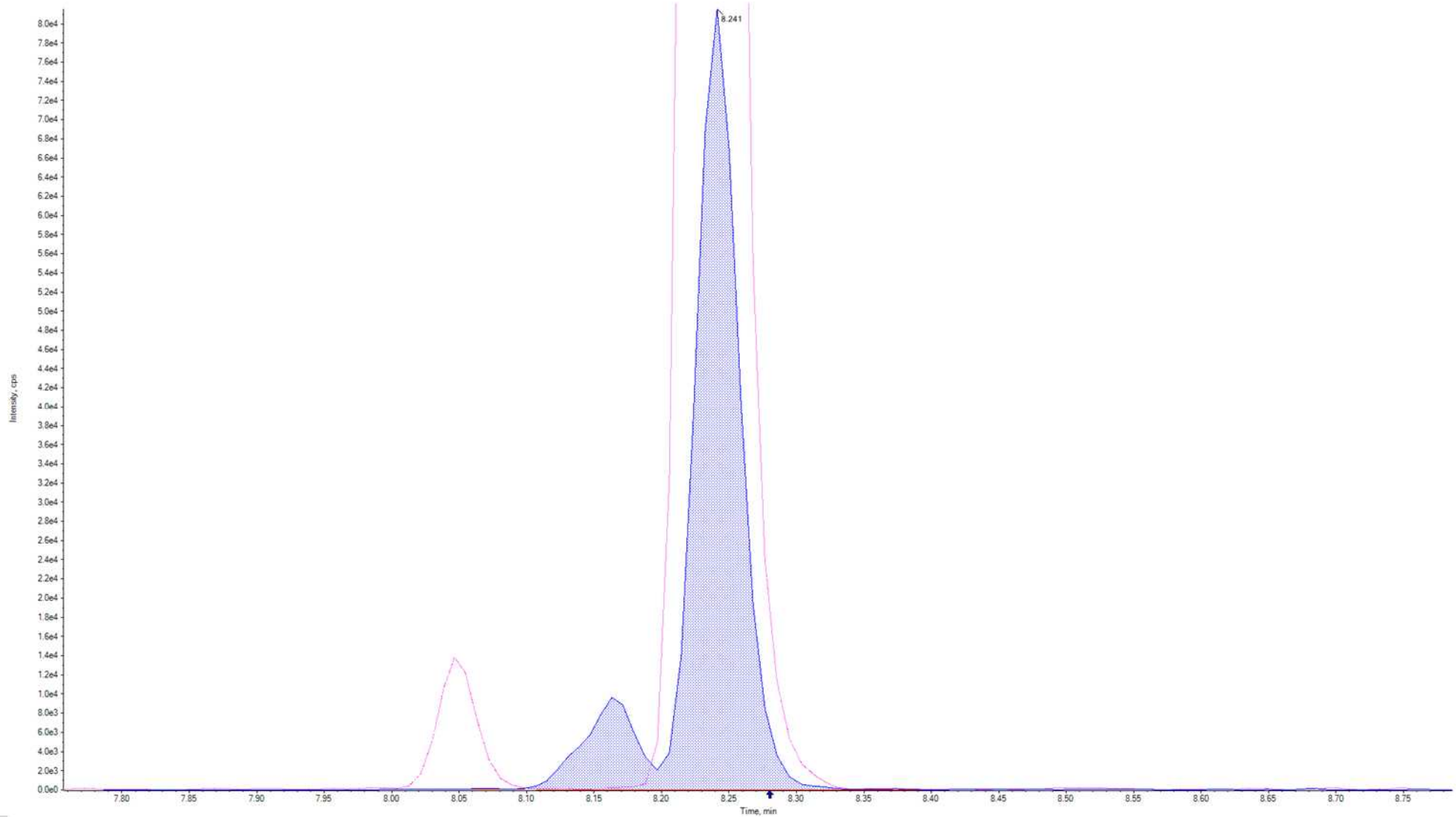
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PFOS
Sample: WG1972379-10,1633MED S/N:2330.0 Points Across peak:45



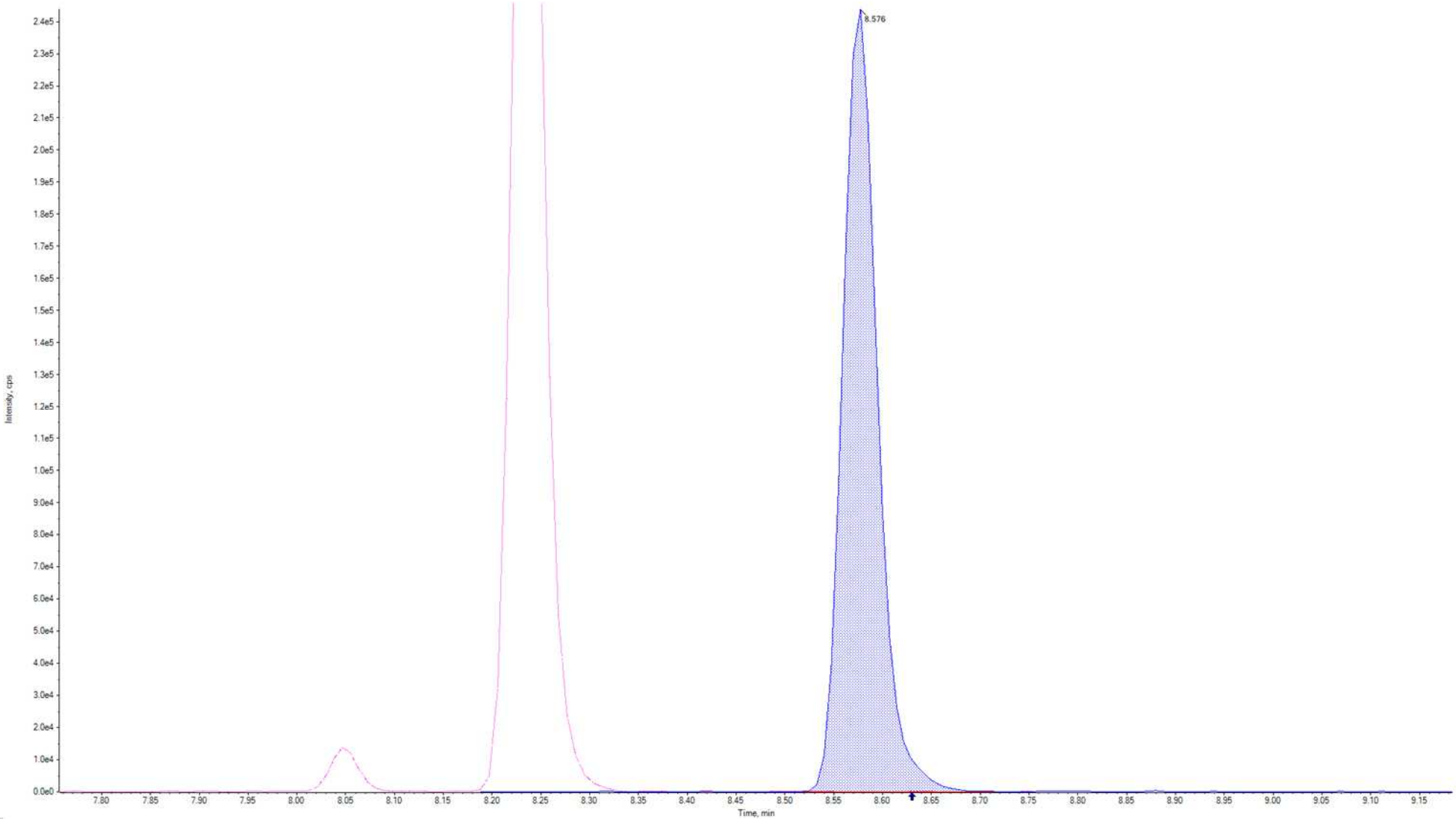
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PFOS_2
Sample: WG1972379-10,1633MED S/N:1348.0 Points Across peak:44



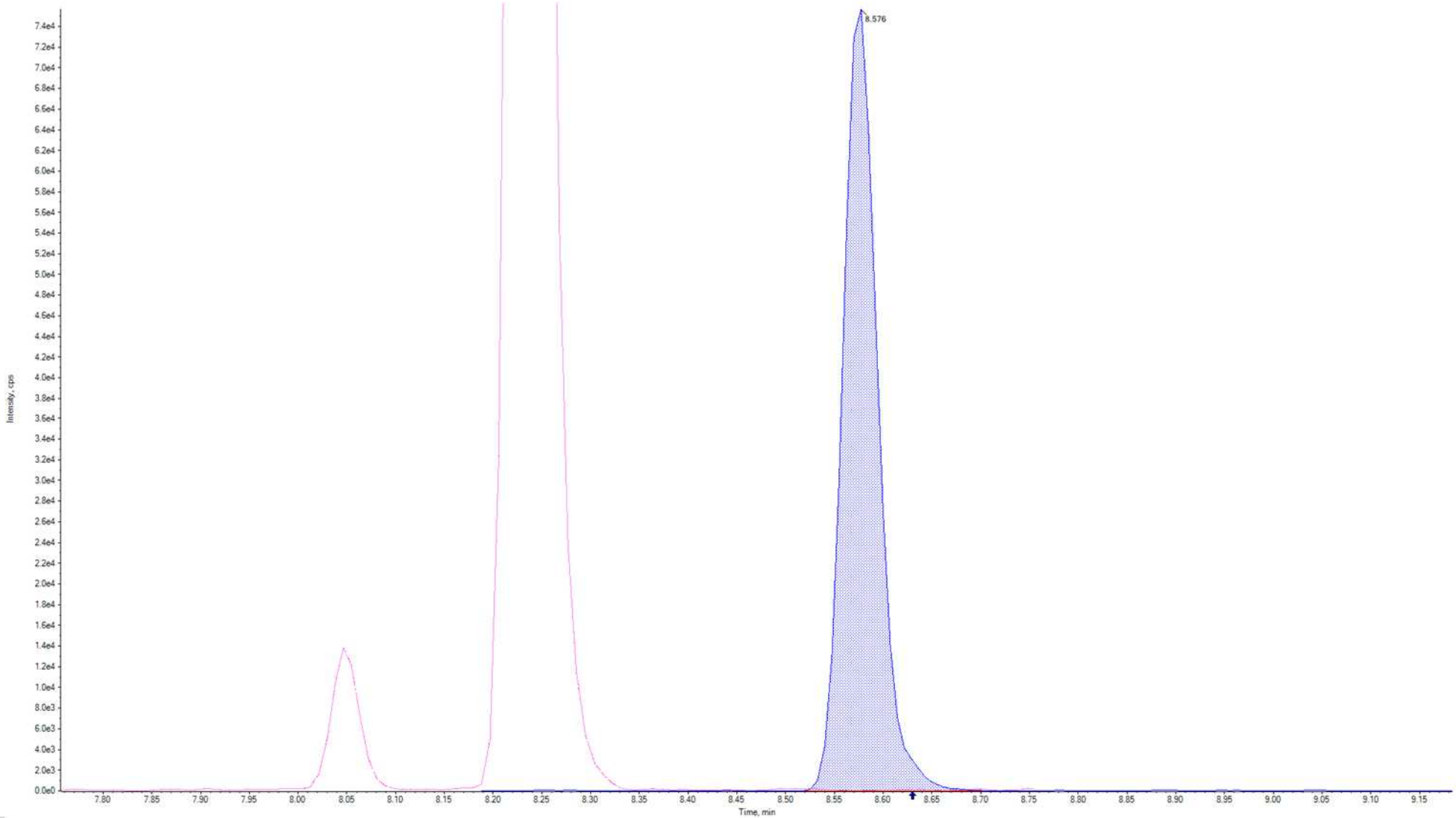
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PFNS
Sample: WG1972379-10,1633MED S/N:9538.3 Points Across peak:33



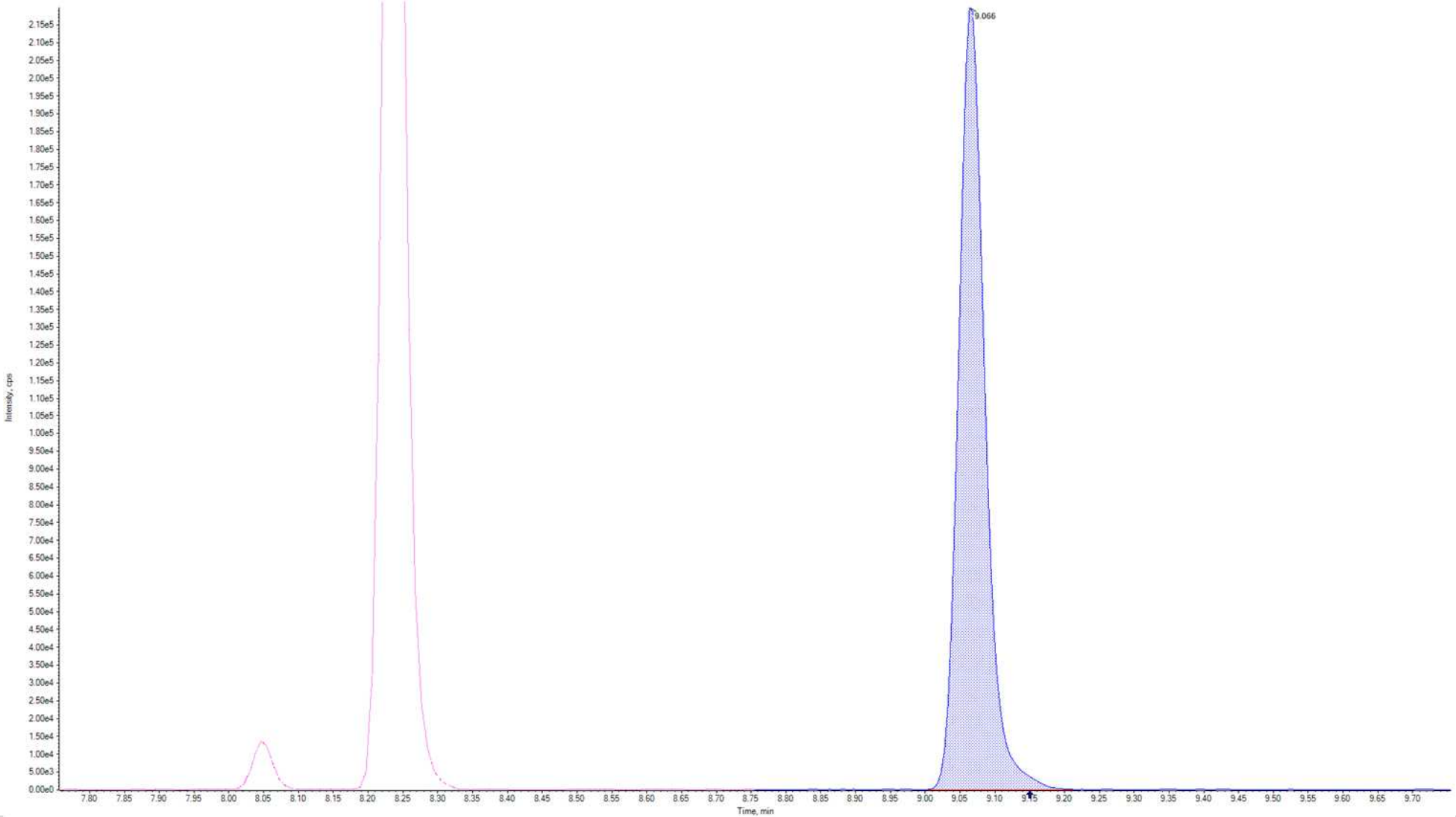
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PFNS_2
Sample: WG1972379-10,1633MED S/N:3415.7 Points Across peak:33



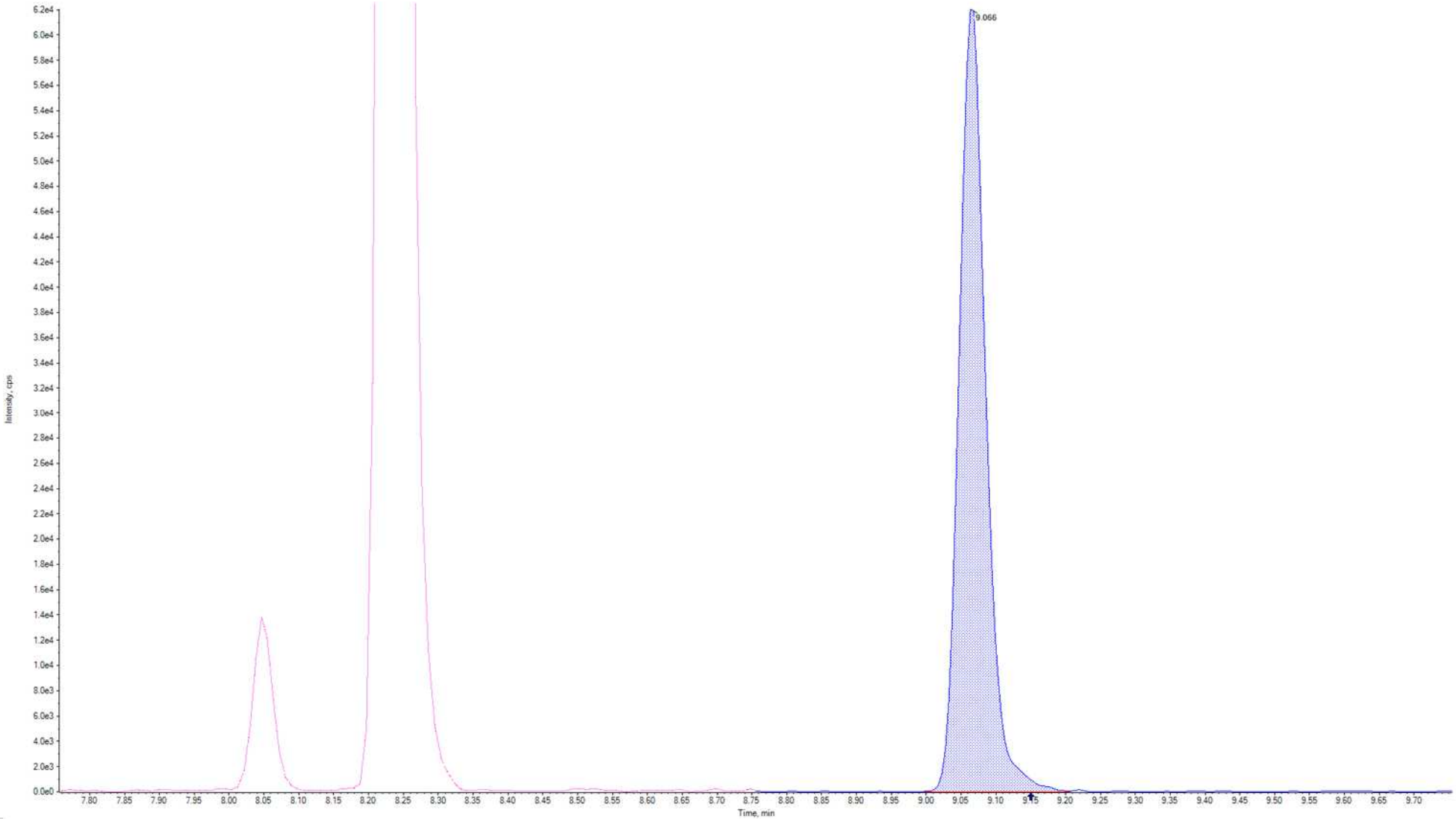
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PFDS
Sample: WG1972379-10,1633MED S/N:5689.8 Points Across peak:46



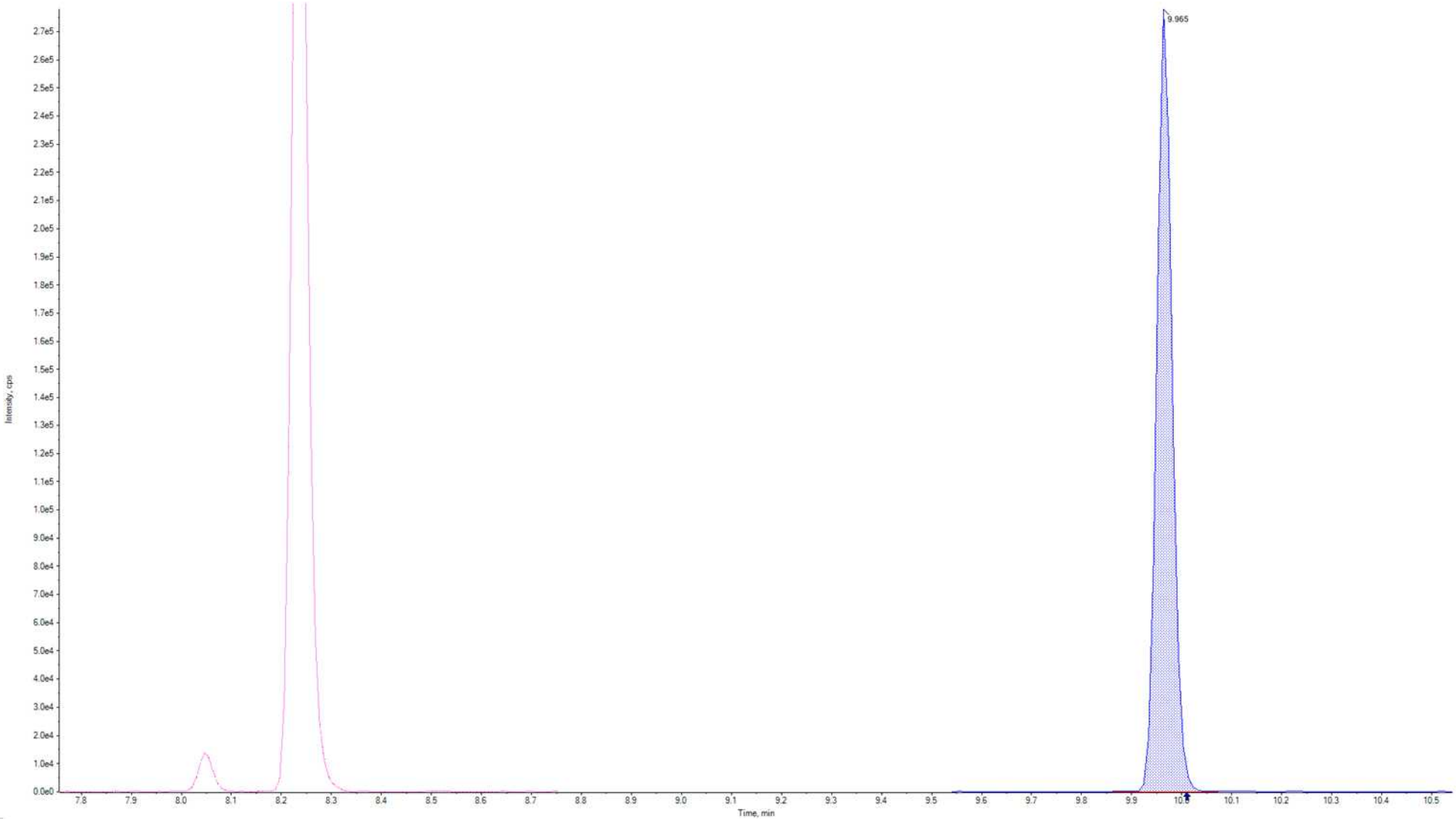
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PFDS_2
Sample: WG1972379-10,1633MED S/N:19854.0 Points Across peak:45



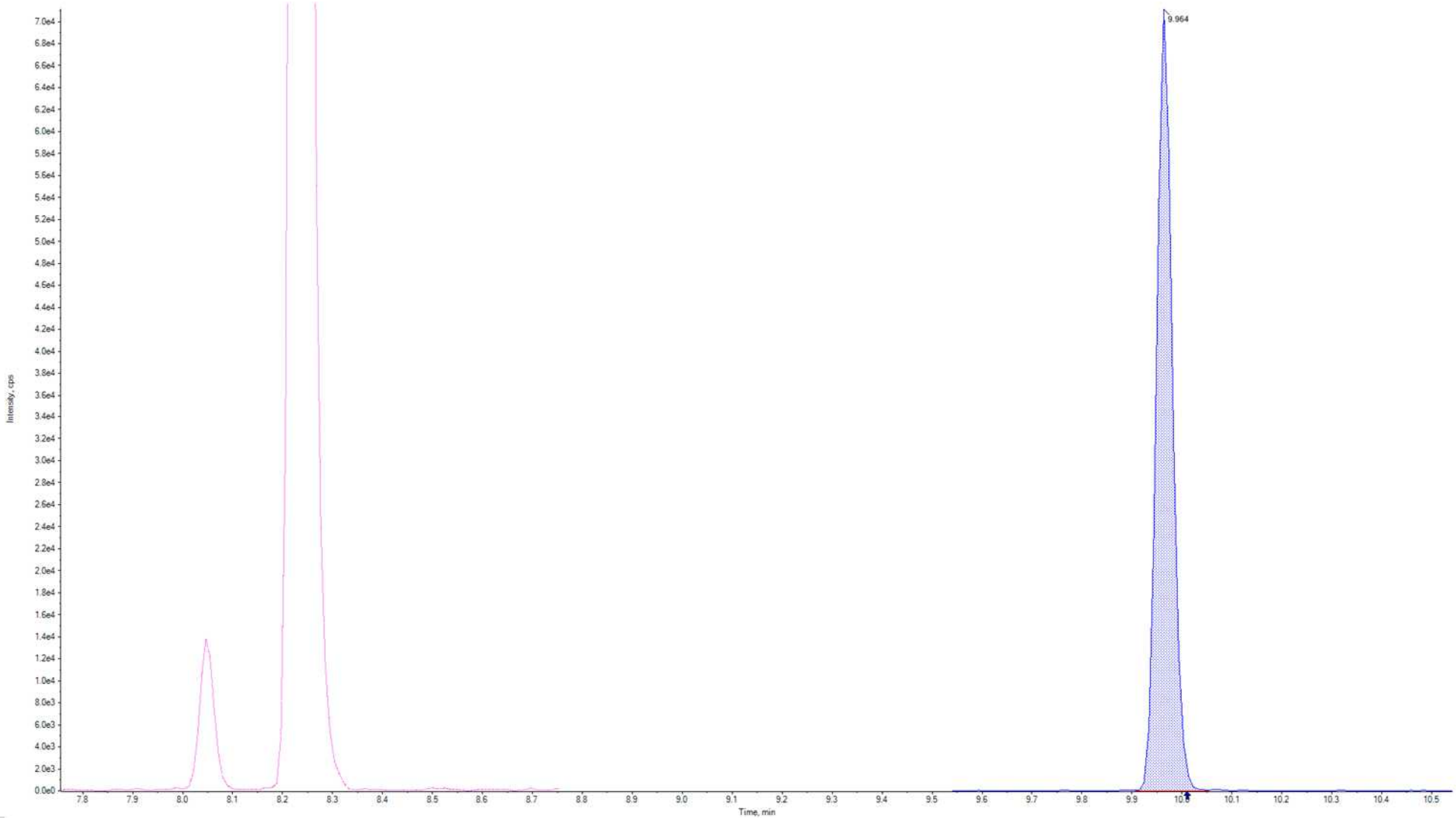
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PFDoS
Sample: WG1972379-10,1633MED S/N:6990.6 Points Across peak:25



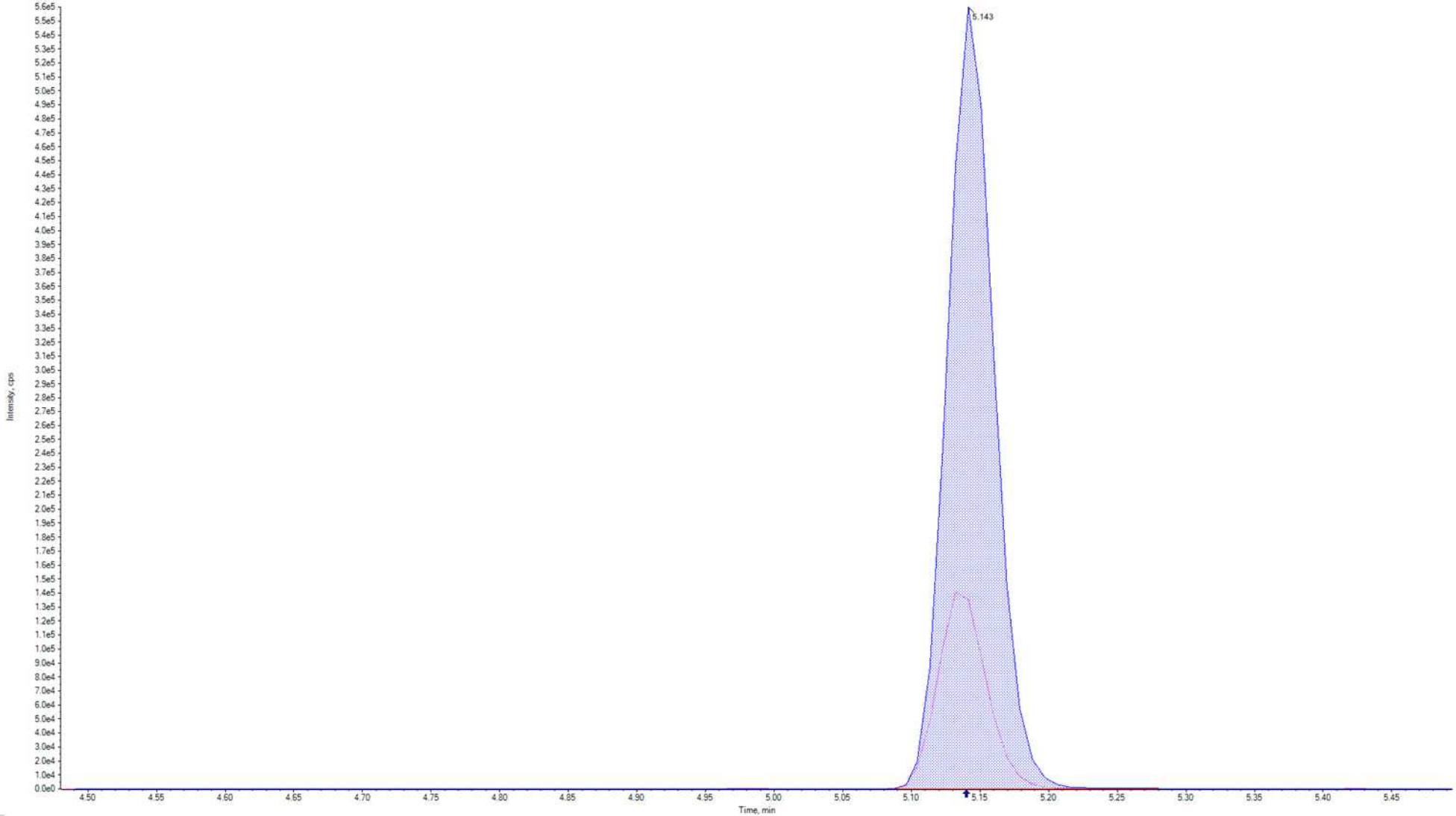
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Alpha Analytical Inc.
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PFDoS_2
Sample: WG1972379-10,1633MED S/N:16233224.6 Points Across peak:16

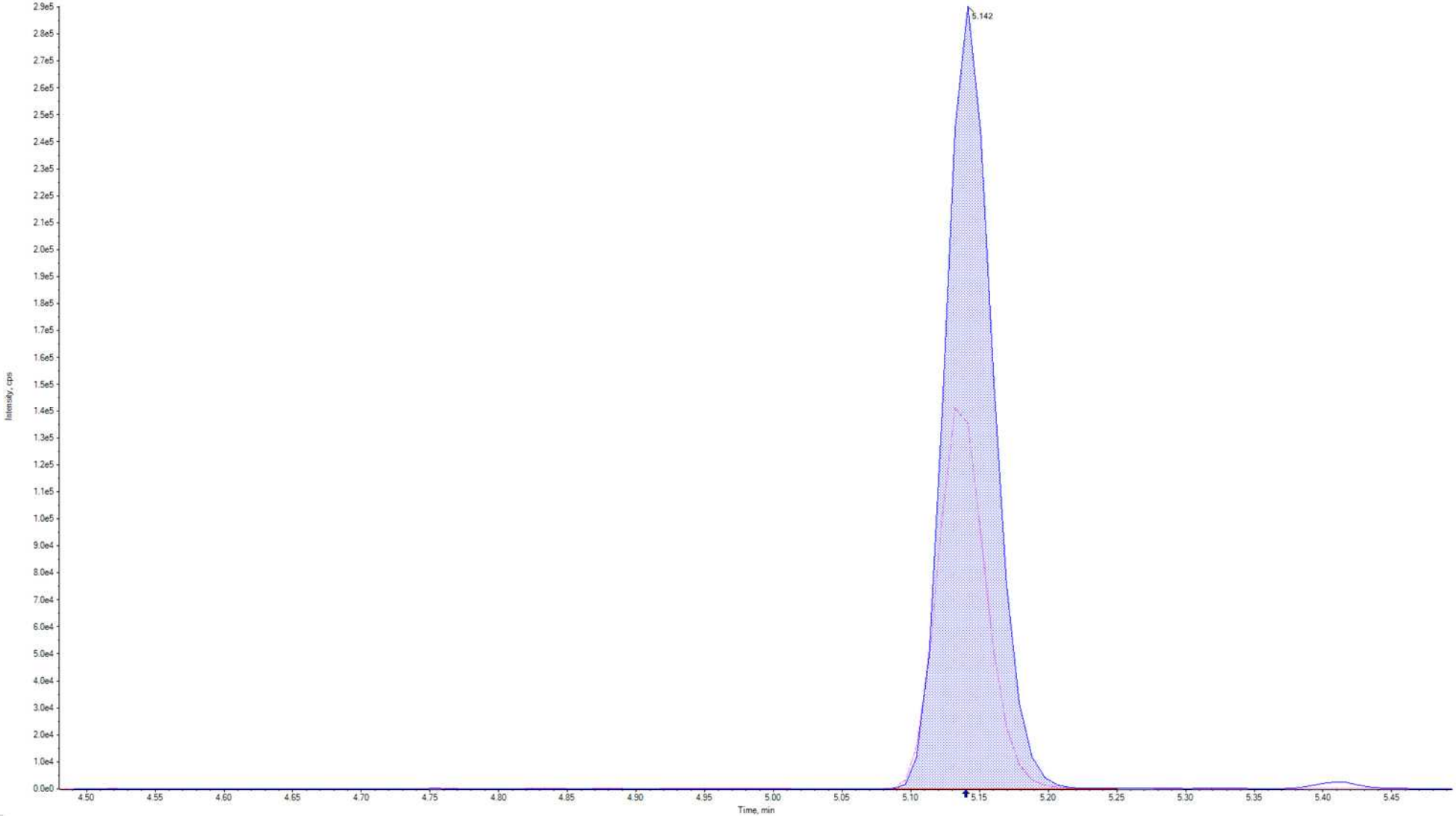


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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4:2FTS
Sample: WG1972379-10,1633MED S/N:34006495.5 Points Across peak:31

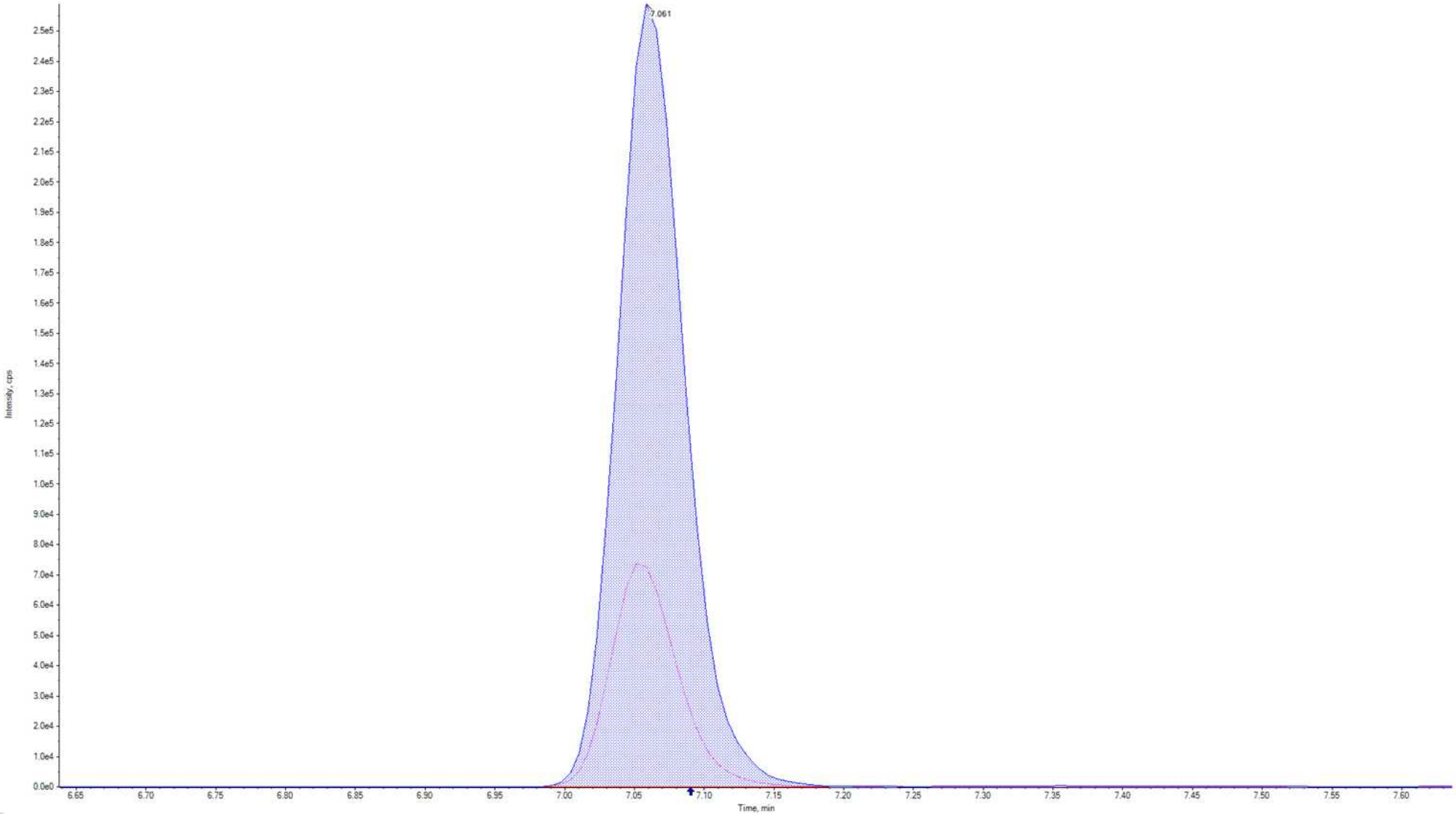


4:2FTS_2
Sample: WG1972379-10,1633MED S/N:6241.2 Points Across peak:21



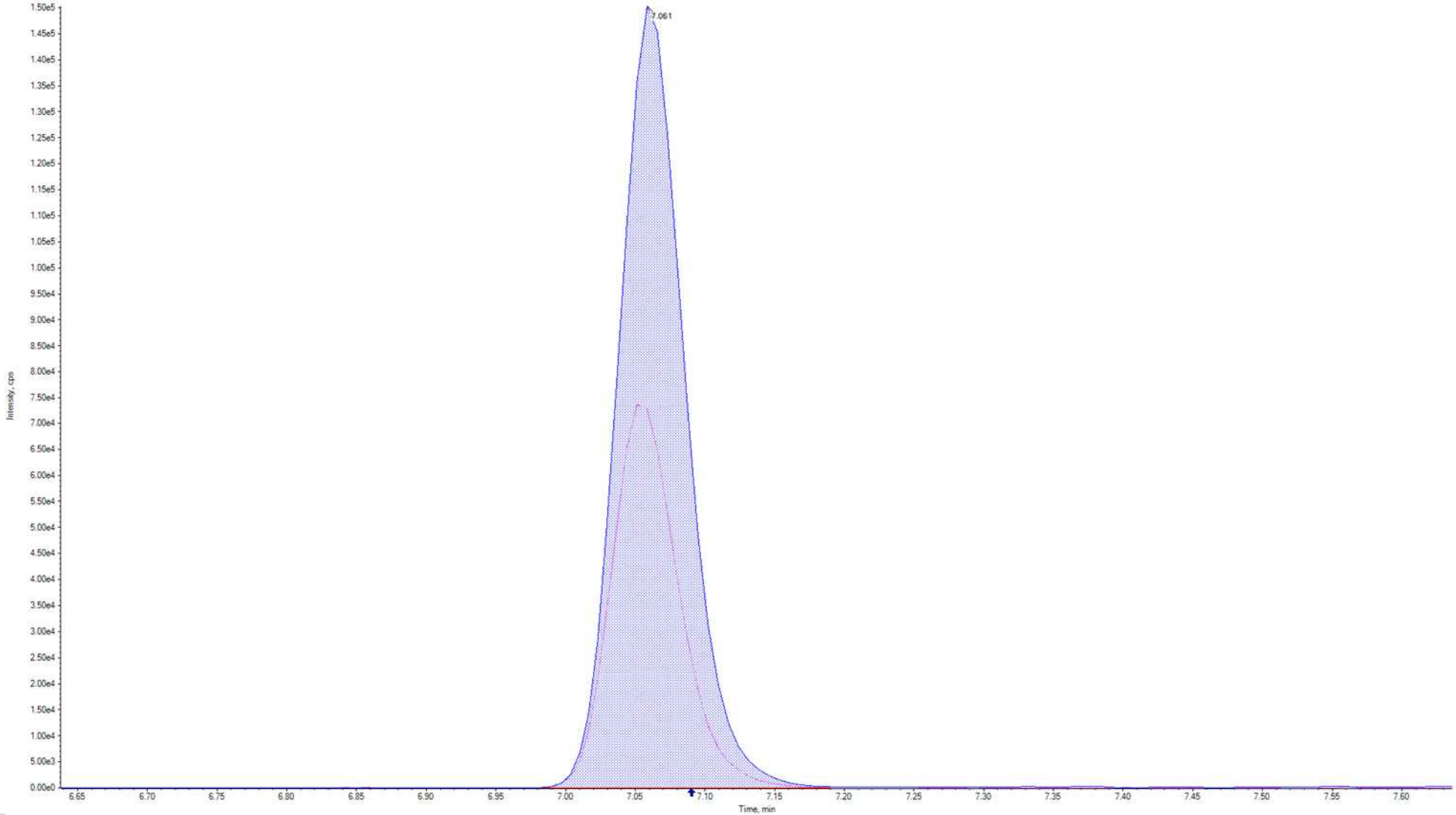
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

6:2FTS
Sample: WG1972379-10,1633MED S/N:1857.5 Points Across peak:33



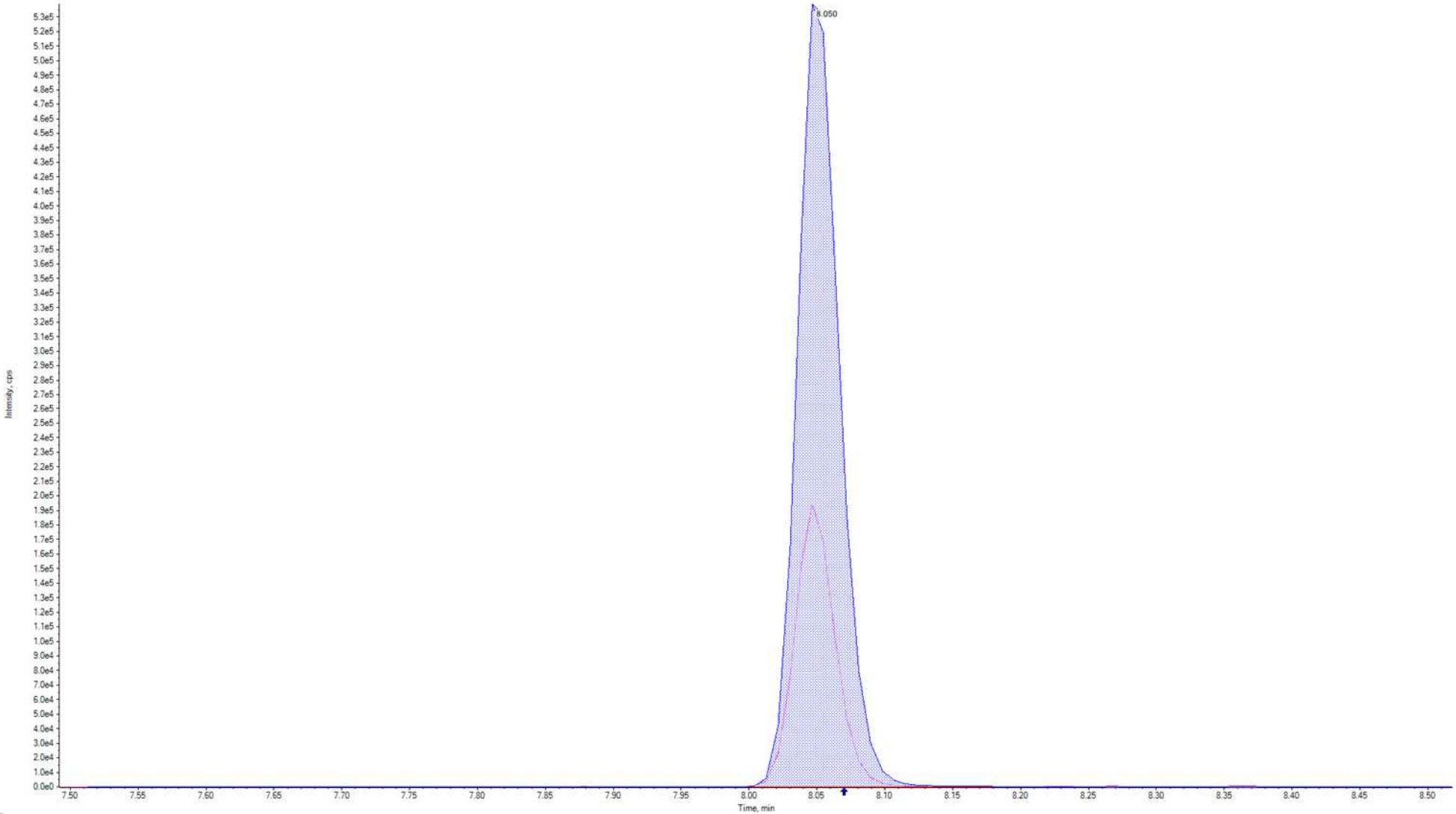
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

6:2FTS_2
Sample: WG1972379-10,1633MED S/N:220378.7 Points Across peak:33



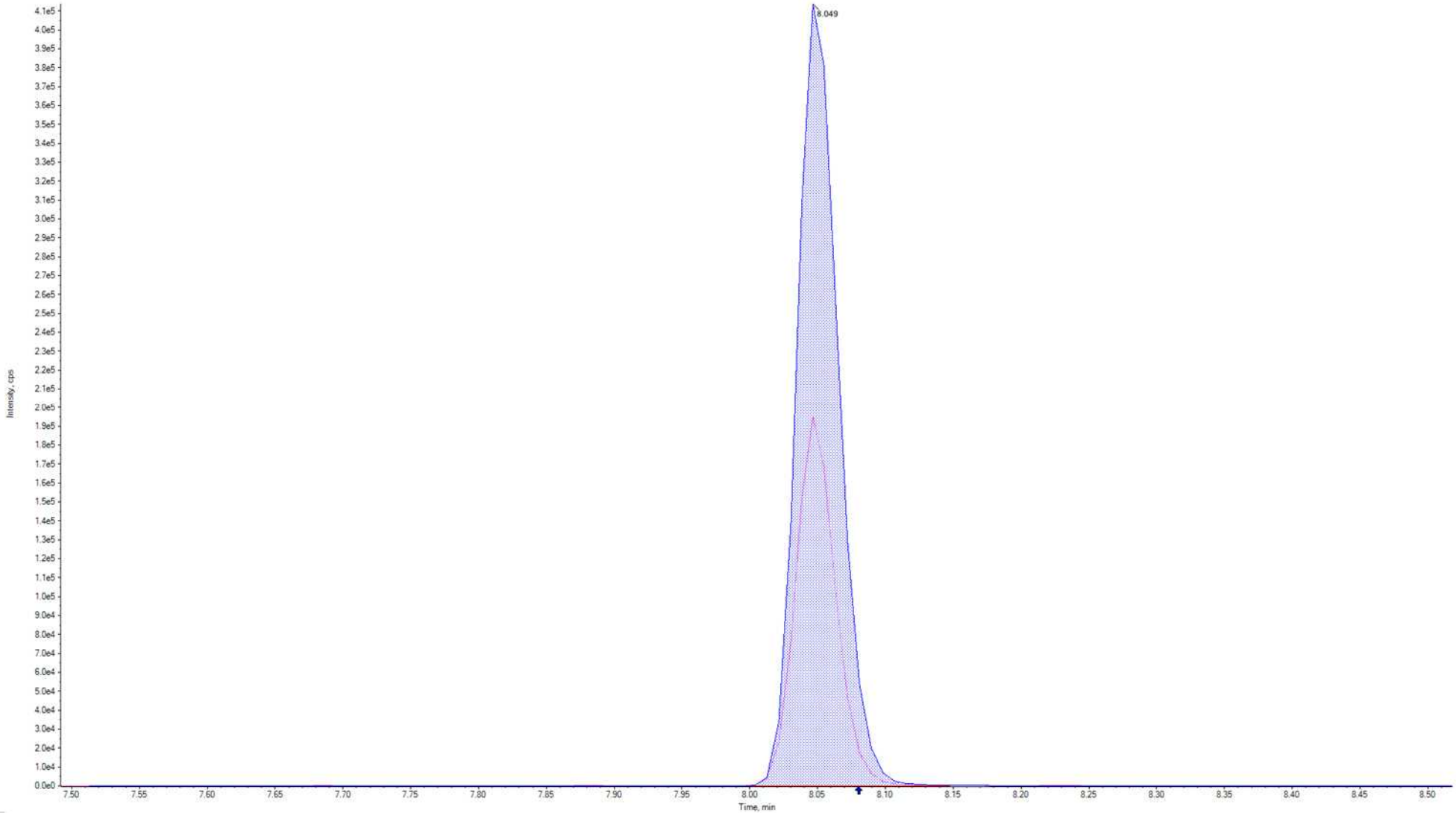
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

8:2FTS
Sample: WG1972379-10,1633MED S/N:60727.6 Points Across peak:37



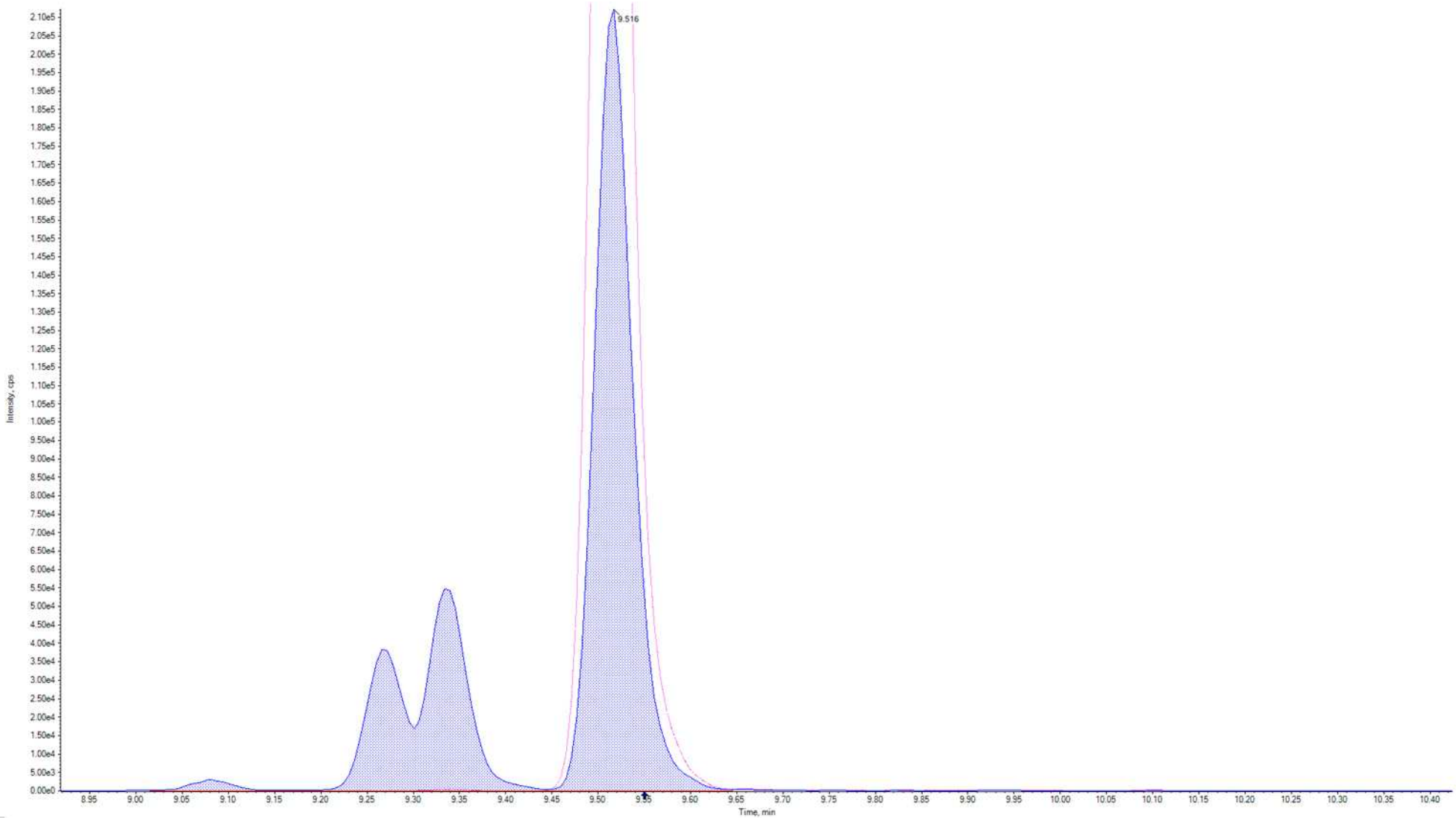
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

8:2FTS_2
Sample: WG1972379-10,1633MED S/N:2591.0 Points Across peak:19



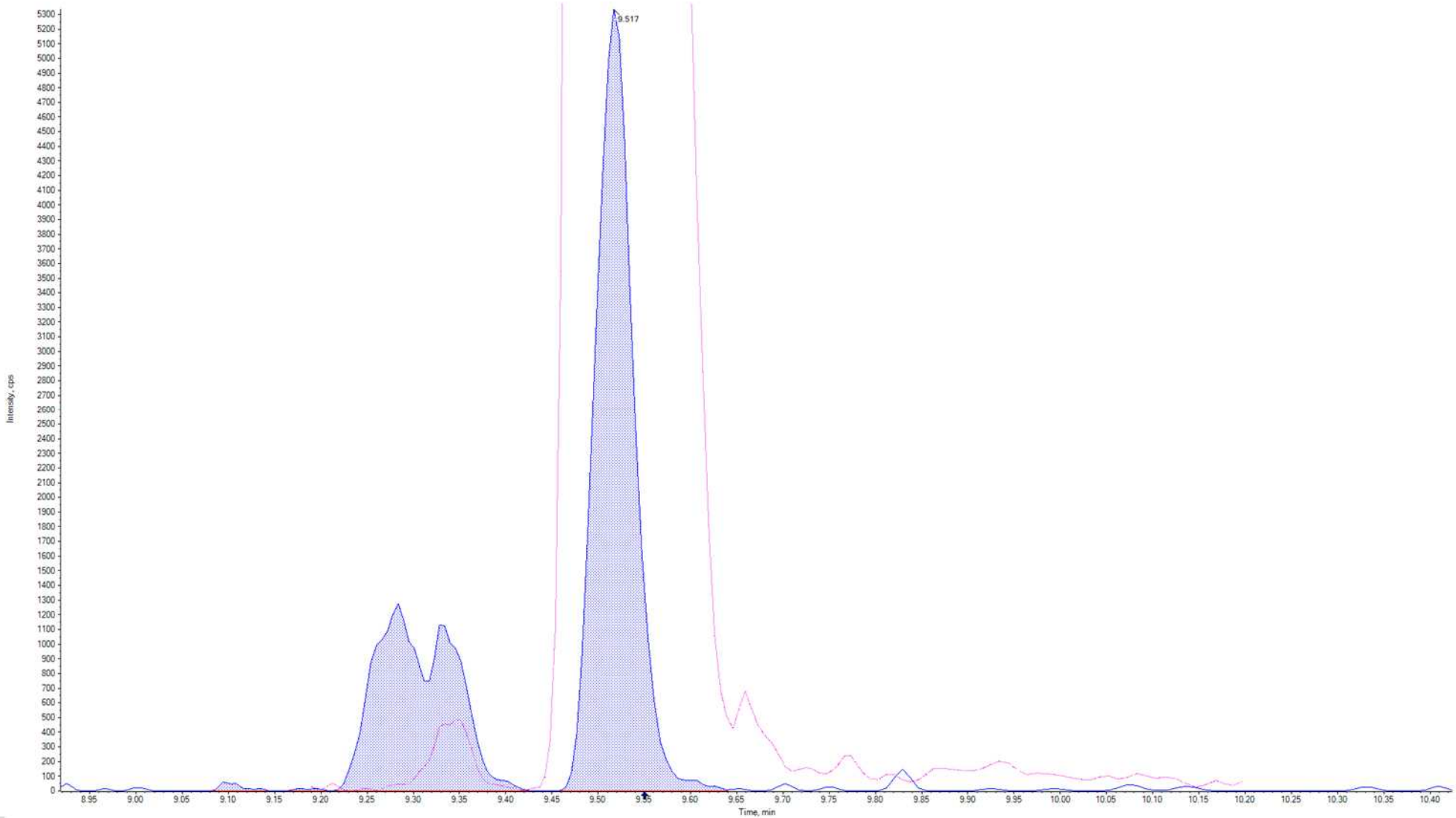
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

PFOSA
Sample: WG1972379-10,1633MED S/N:257996.2 Points Across peak:114

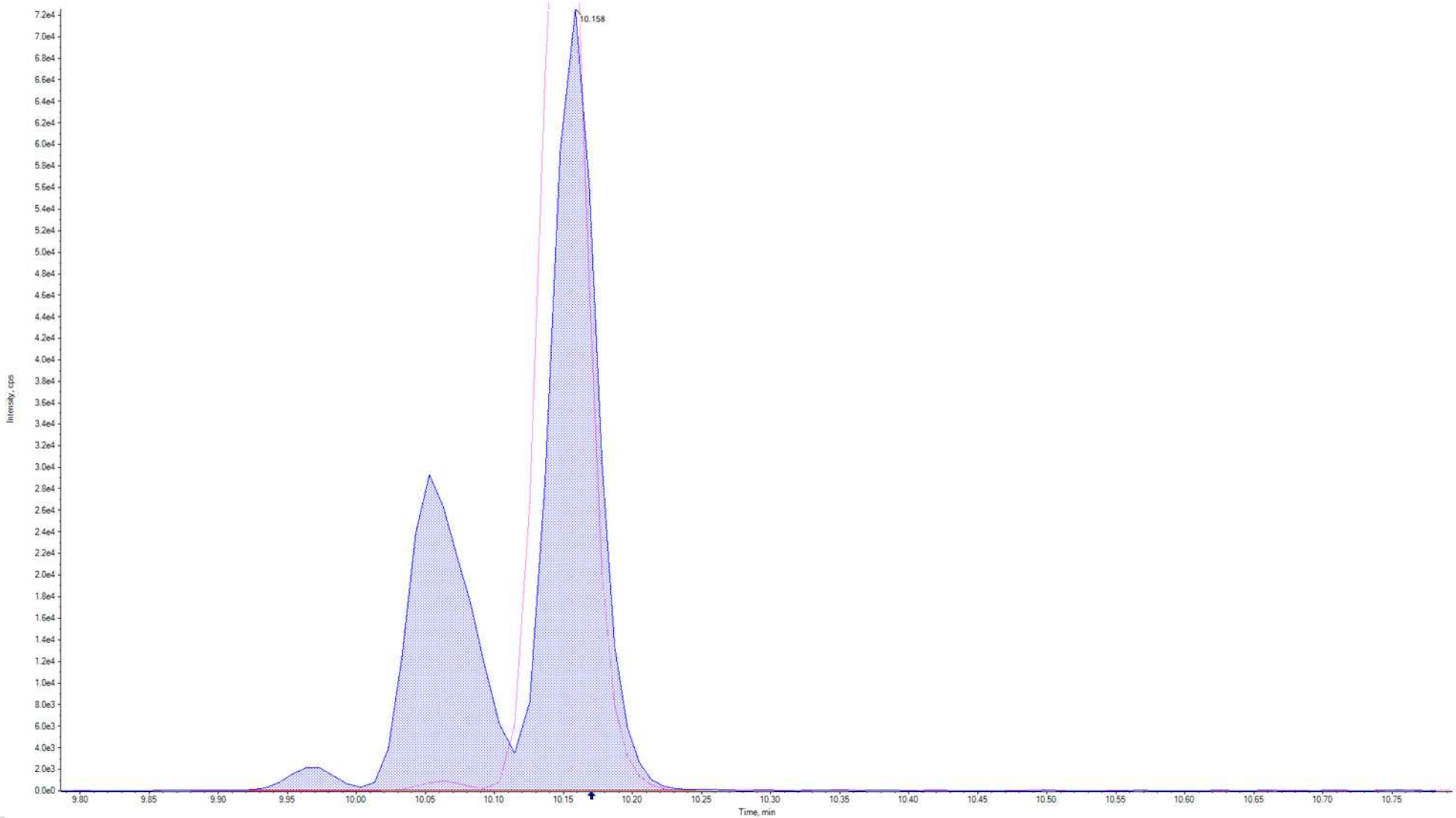


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

PFOSA_2
Sample: WG1972379-10,1633MED S/N:599.6 Points Across peak:101

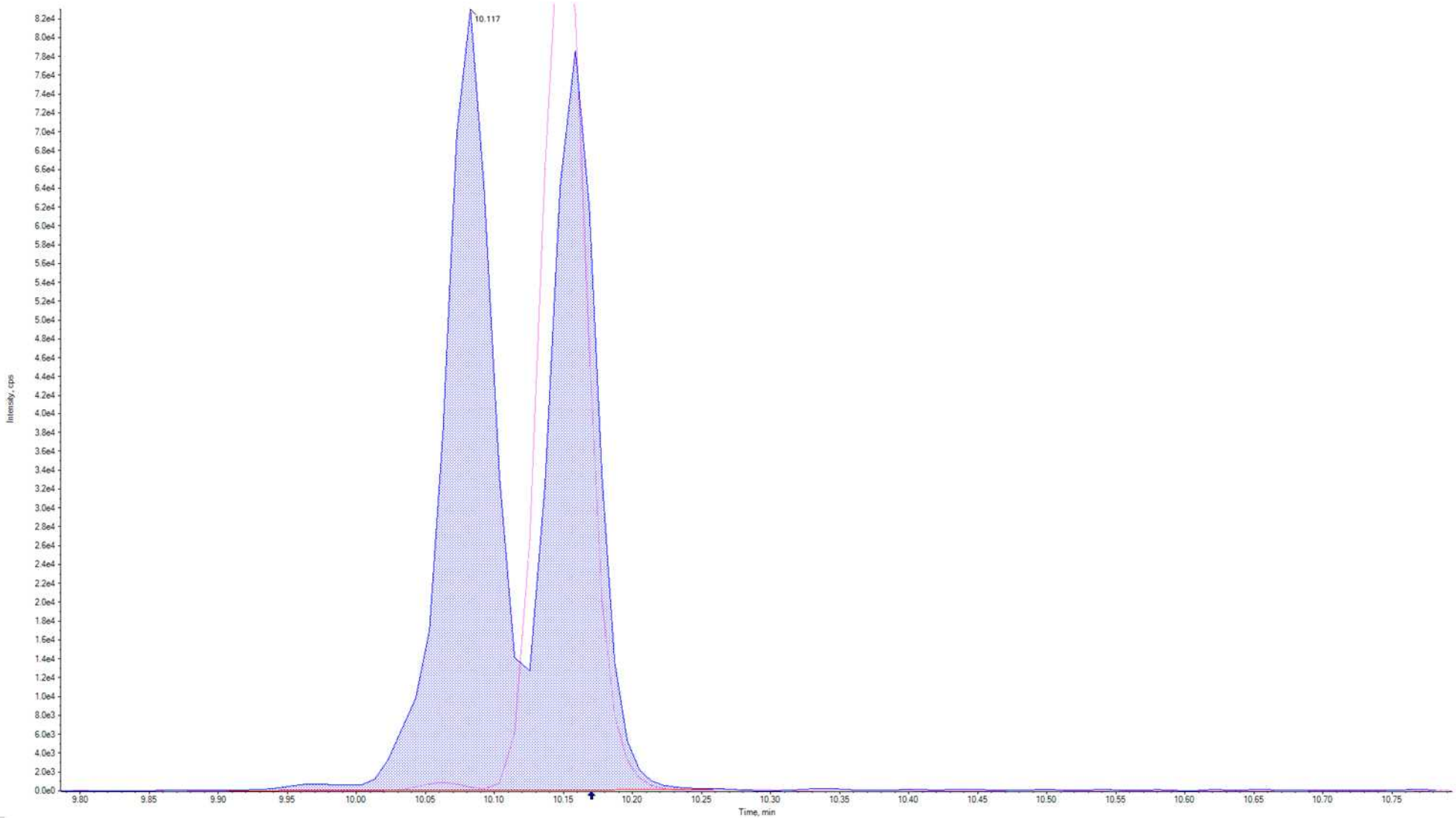


NMeFOSA
Sample: WG1972379-10,1633MED S/N:4143.6 Points Across peak:36



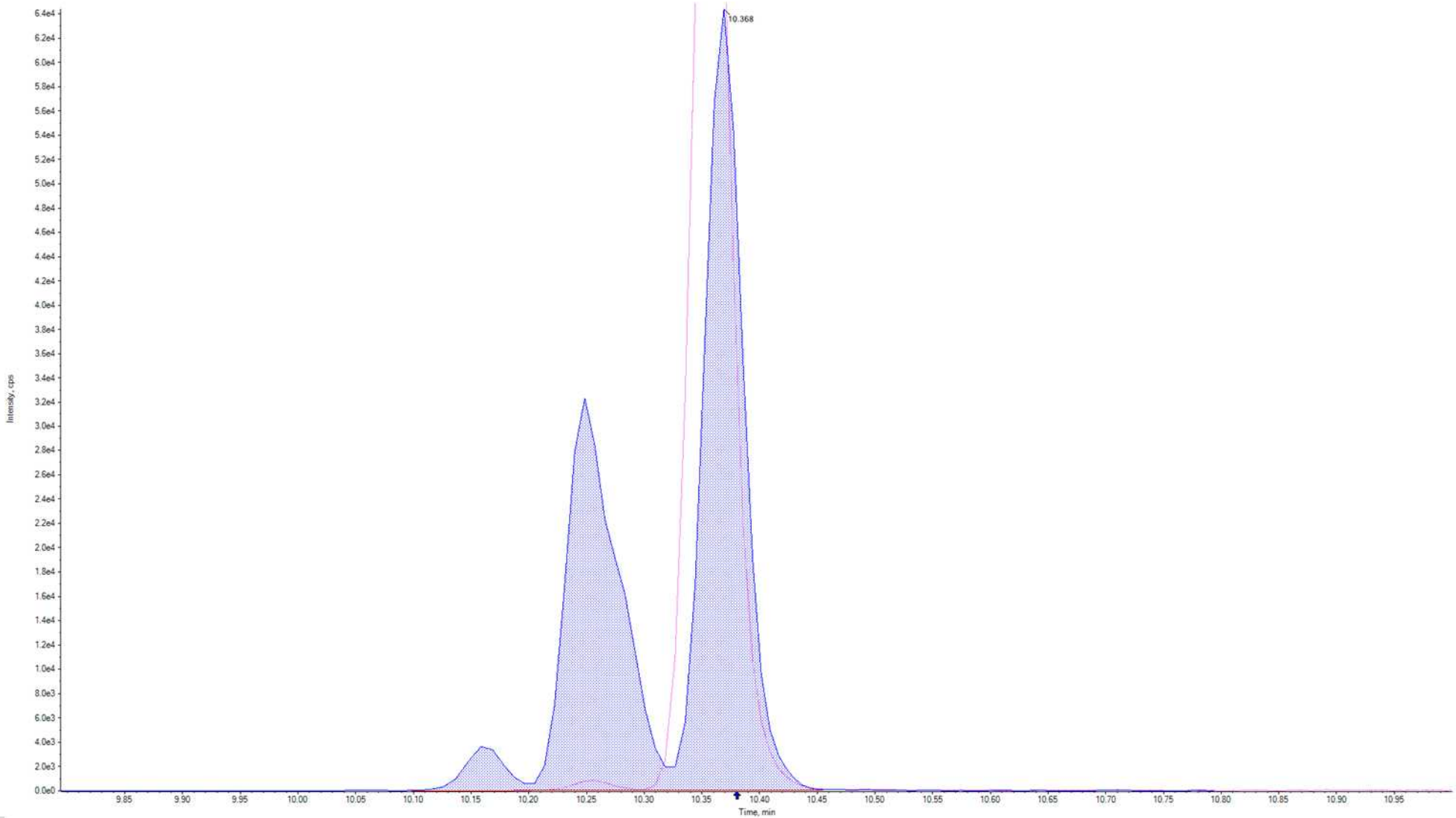
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

NMeFOSA_2
Sample: WG1972379-10,1633MED S/N:1978.9 Points Across peak:38



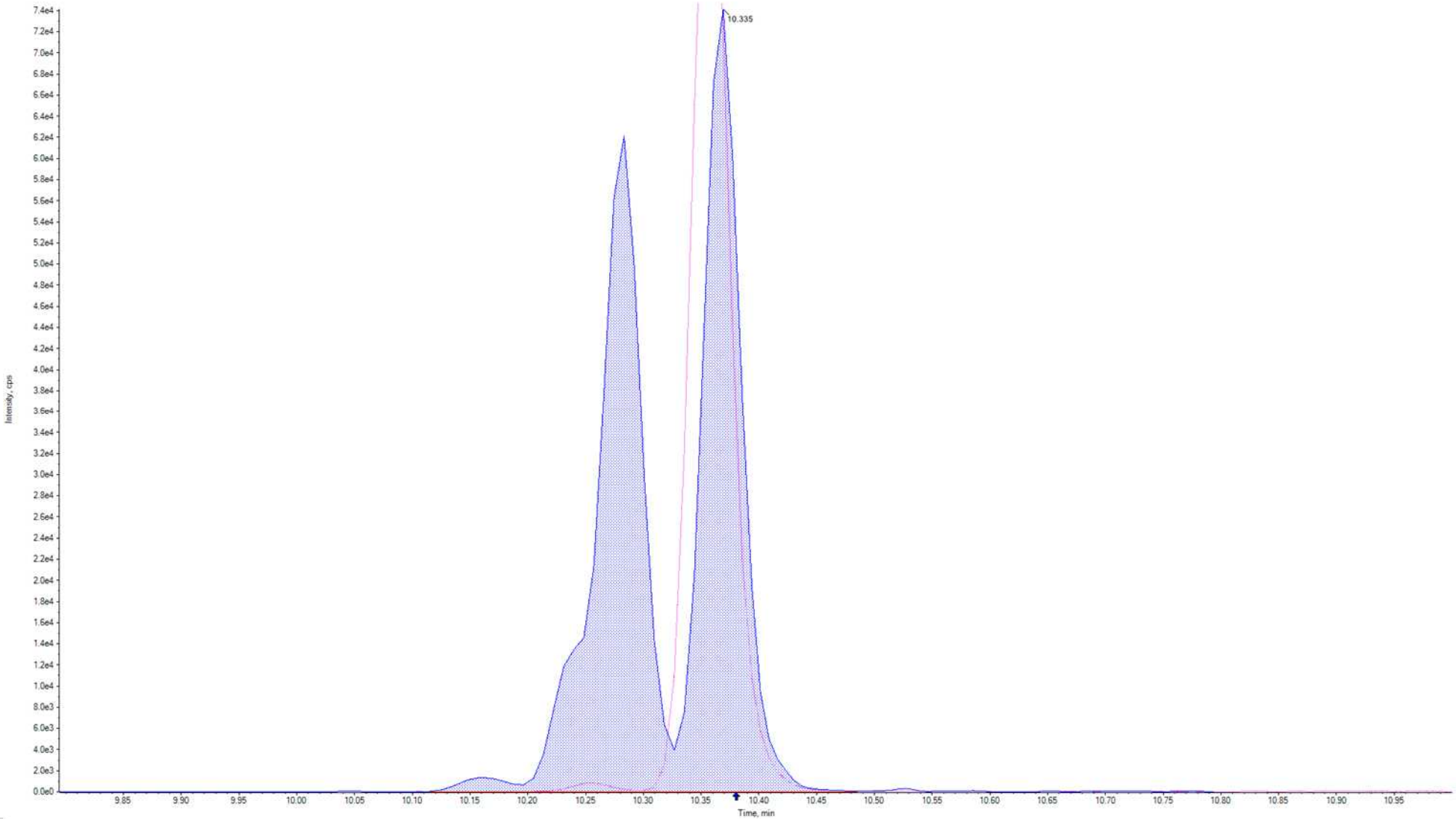
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
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NEtFOSA
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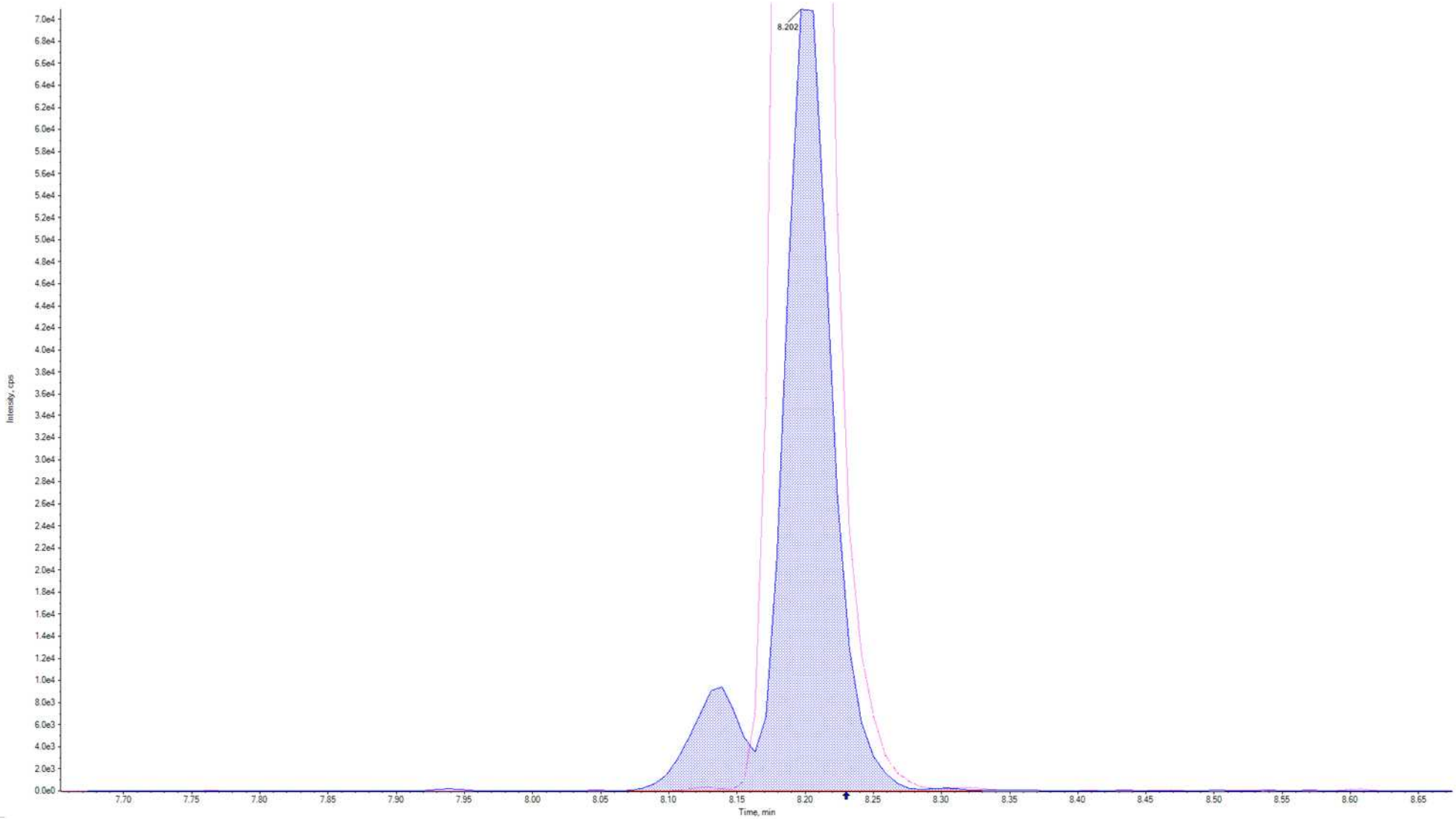
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

NEtFOSA_2
Sample: WG1972379-10,1633MED S/N:829.4 Points Across peak:47



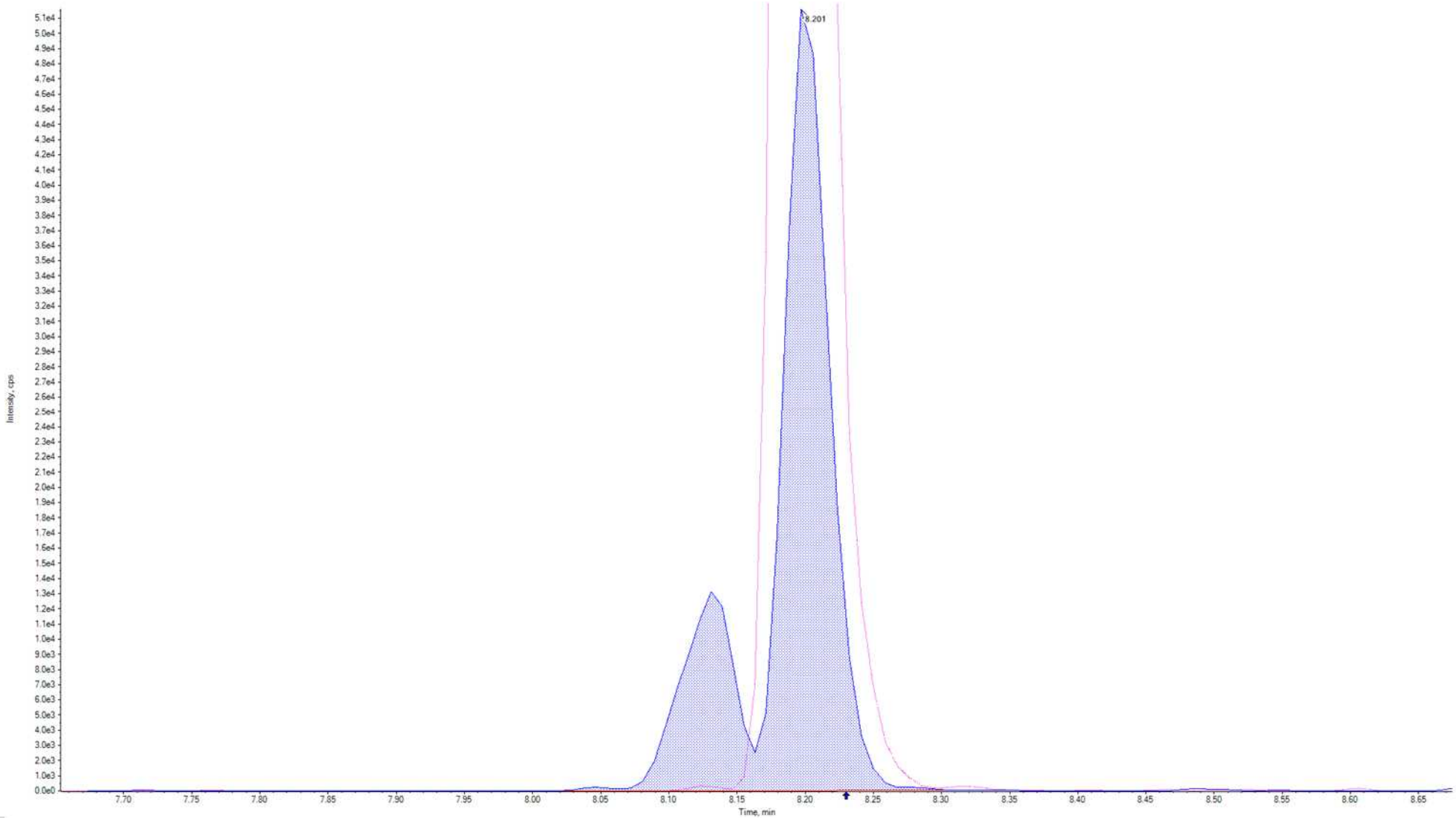
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

NMeFOSAA
Sample: WG1972379-10,1633MED S/N:783.7 Points Across peak:35



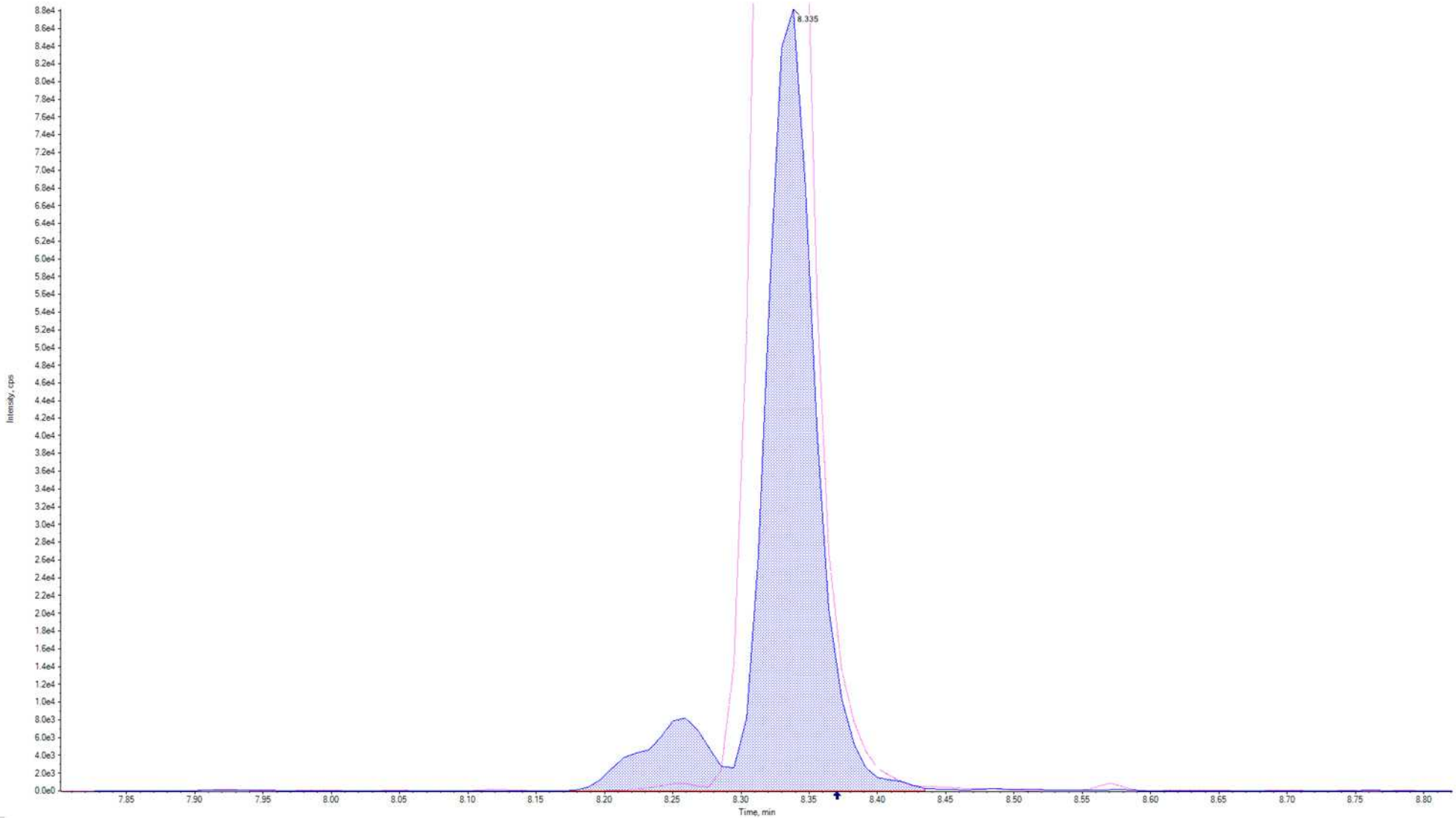
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

NMeFOSAA_2
Sample: WG1972379-10,1633MED S/N:621.5 Points Across peak:40



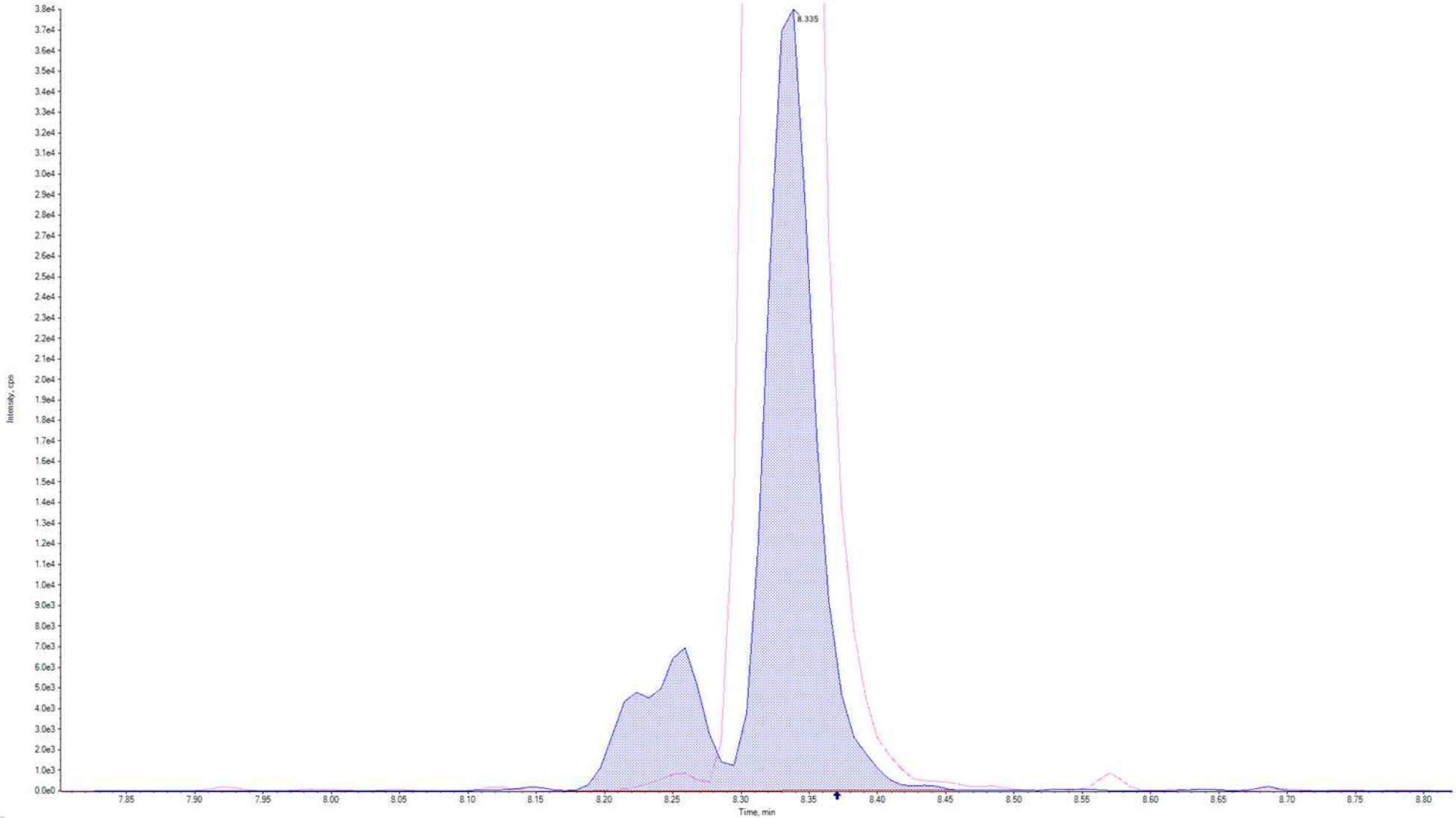
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

NEtFOSAA
Sample: WG1972379-10,1633MED S/N:794.4 Points Across peak:32



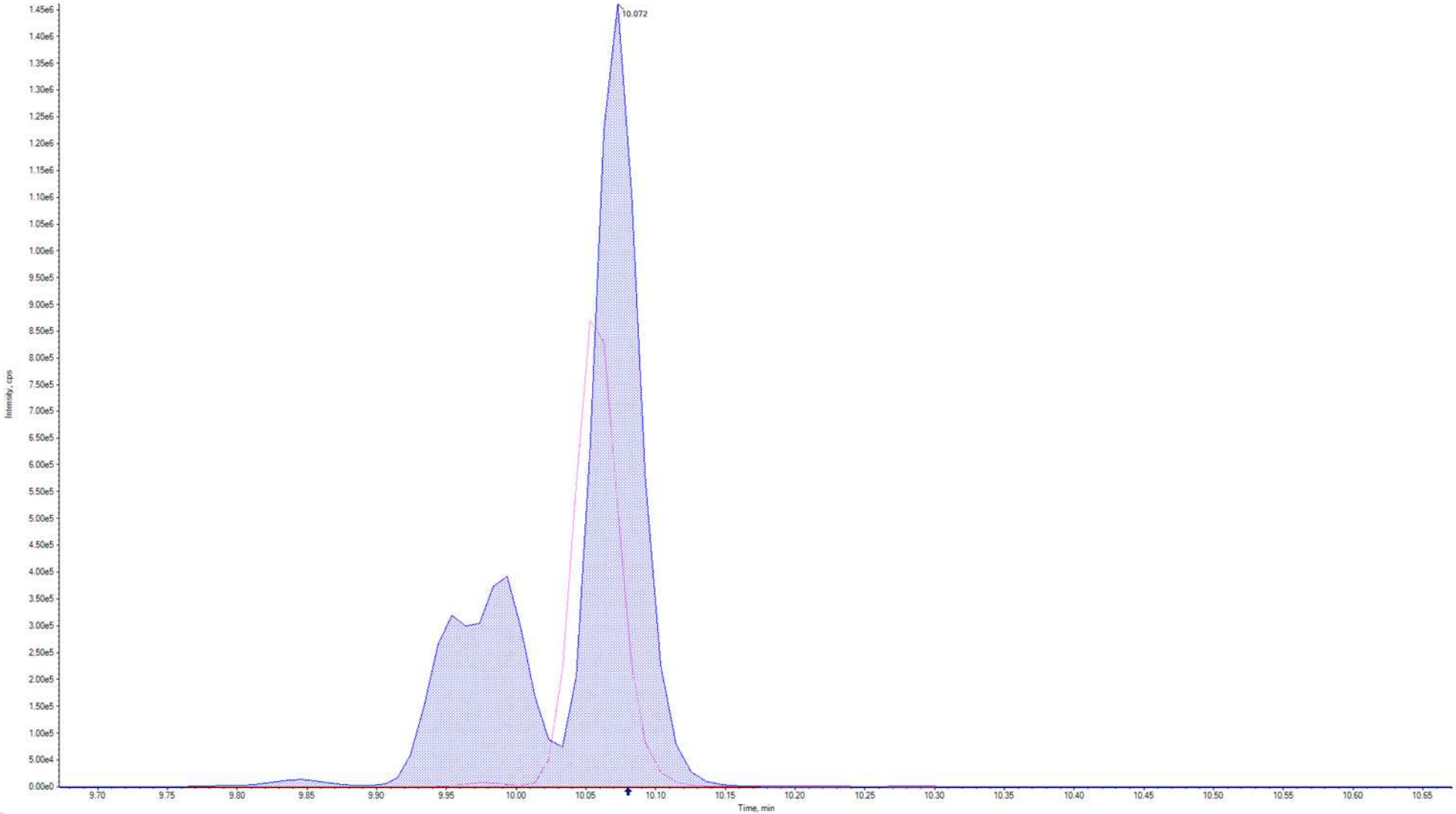
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Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

NEtFOSAA_2
Sample: WG1972379-10,1633MED S/N:443.5 Points Across peak:34



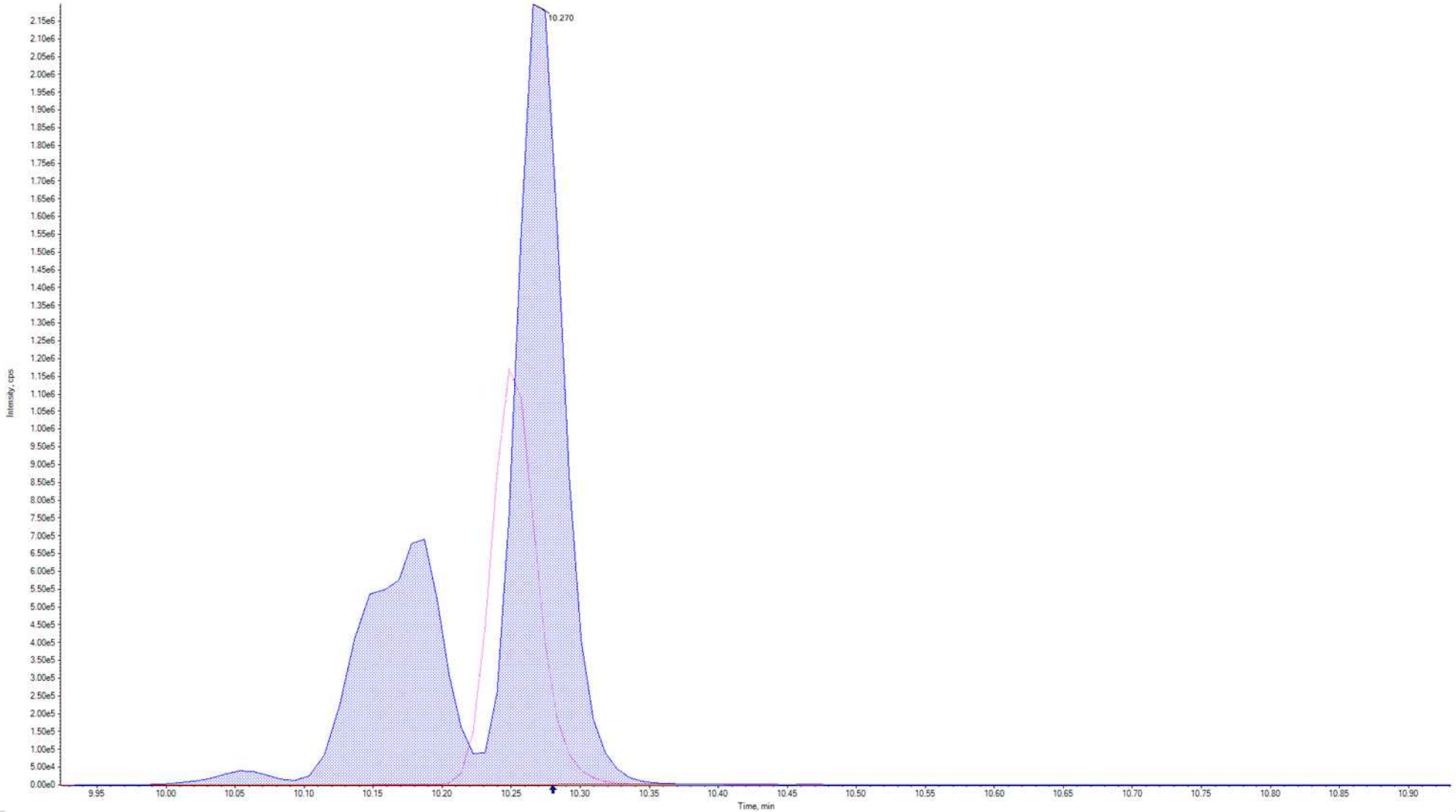
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

NMeFOSE
Sample: WG1972379-10,1633MED S/N:3259.6 Points Across peak:47



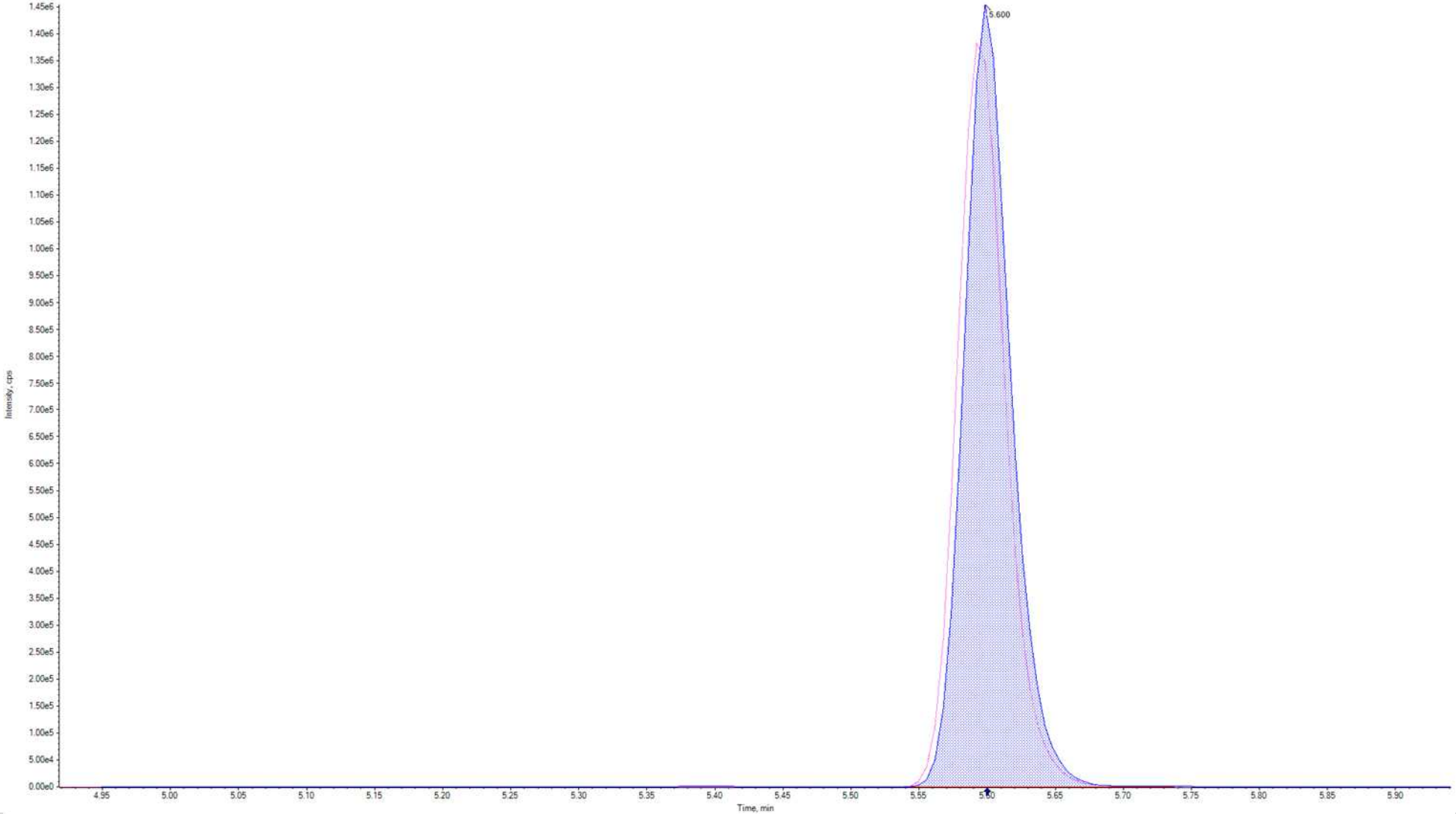
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

NEtFOSE
Sample: WG1972379-10,1633MED S/N:3184.4 Points Across peak:44

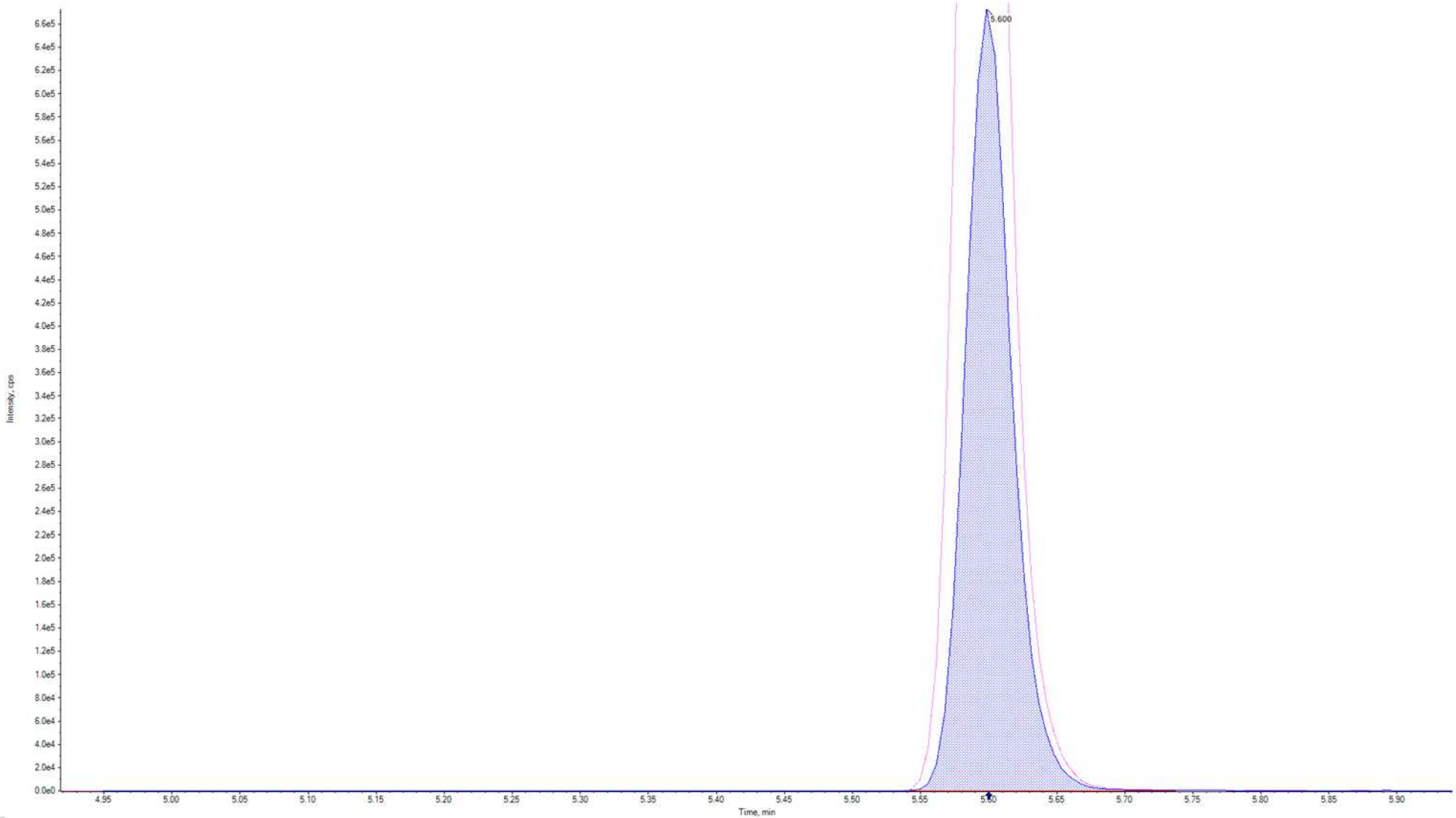


Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 9/17/2024 11:31:06 AM

HFPO-DA
Sample: WG1972379-10,1633MED S/N:29956.9 Points Across peak:44

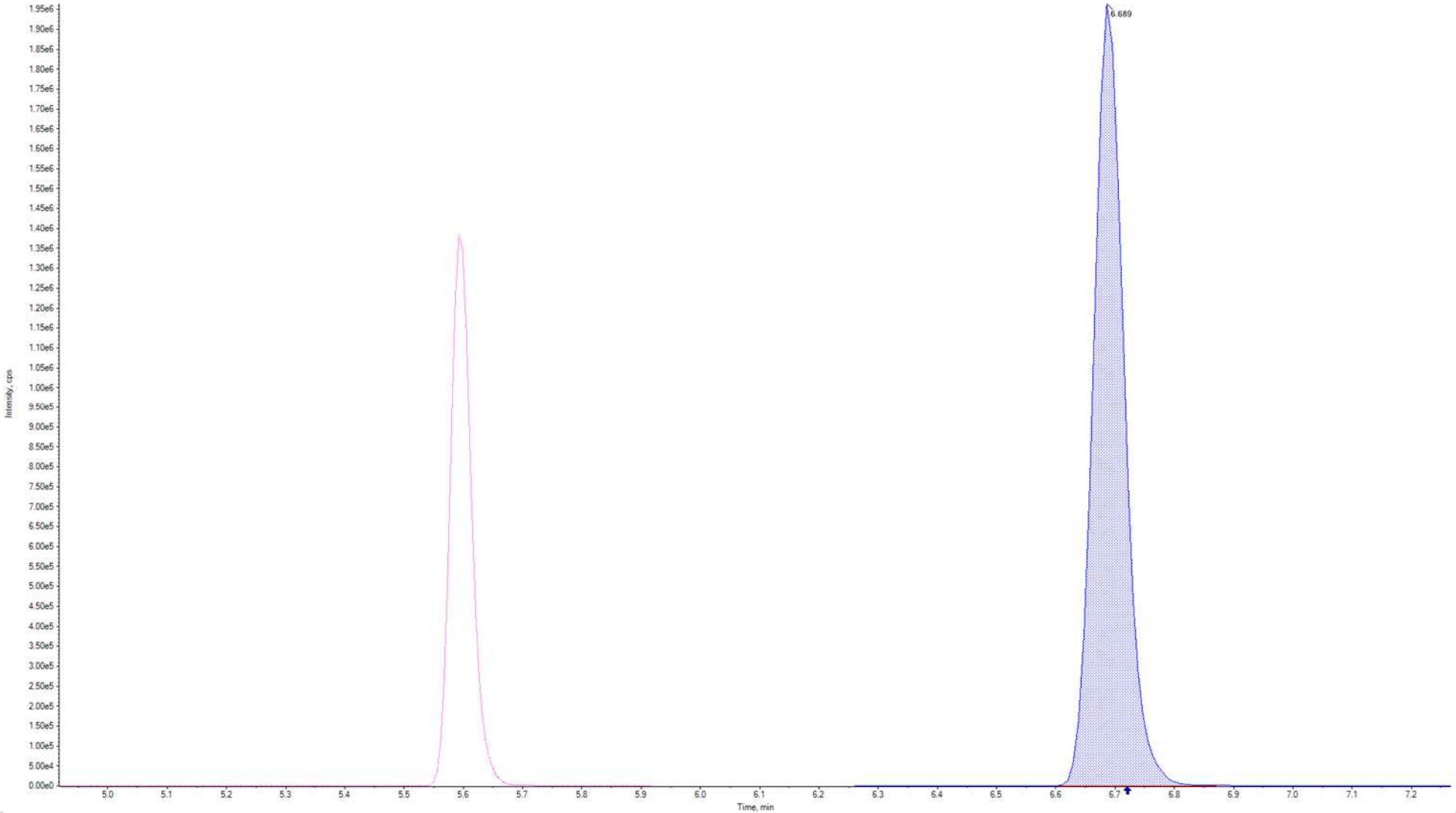


HFPO-DA_2
Sample: WG1972379-10,1633MED S/N:5613.5 Points Across peak:43



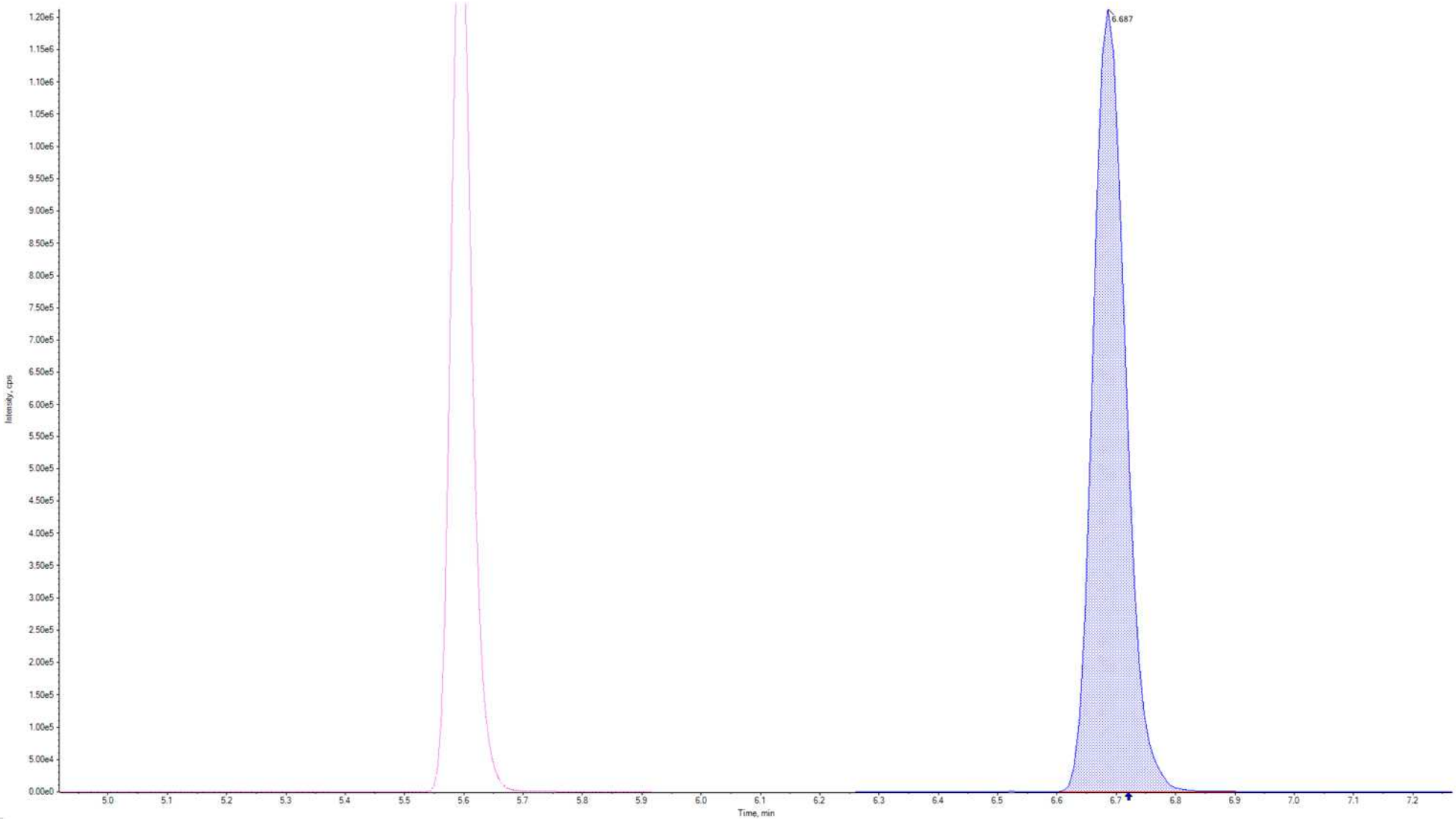
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

ADONA
Sample: WG1972379-10,1633MED S/N:12630.0 Points Across peak:39



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

ADONA_2
Sample: WG1972379-10,1633MED S/N:86035.5 Points Across peak:48



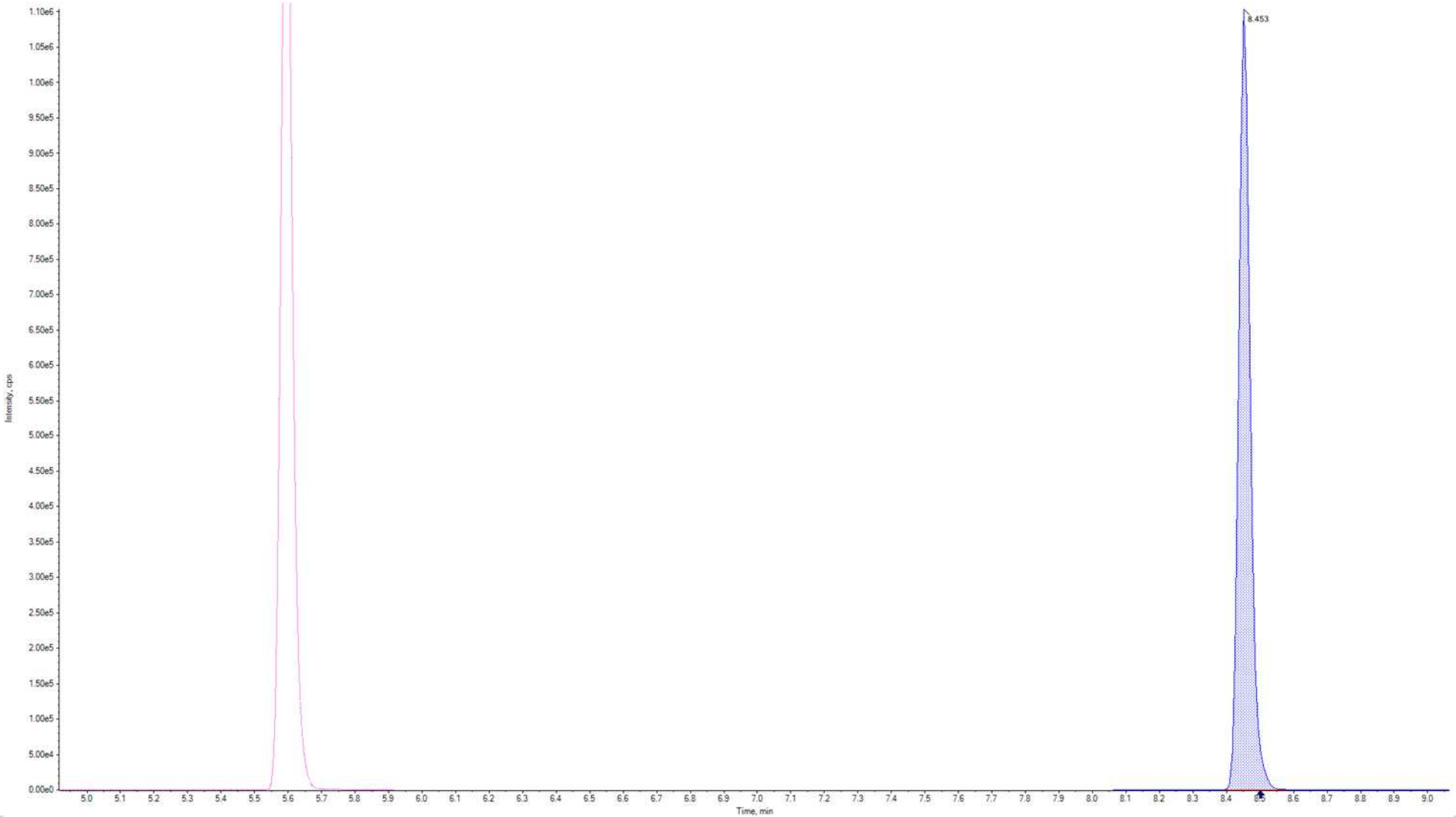
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

9Cl-PF3ONS
Sample: WG1972379-10,1633MED S/N:439718.9 Points Across peak:30



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

9Cl-PF3ONS_2
Sample: WG1972379-10,1633MED S/N:86136.7 Points Across peak:33



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
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11Cl-PF3OUdS
Sample: WG1972379-10,1633MED S/N:3619.6 Points Across peak:42



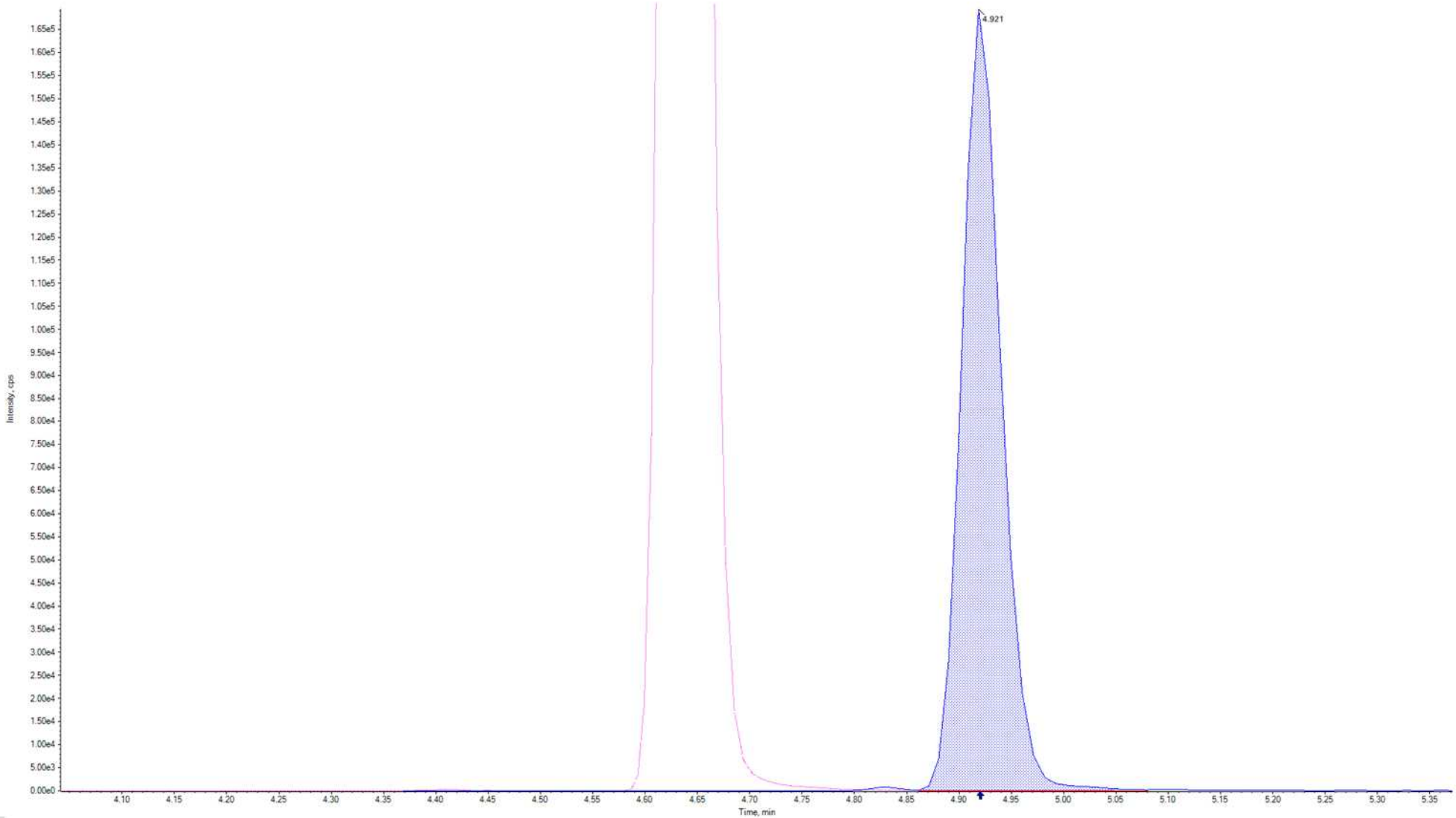
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Alpha Analytical Inc.
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Generated: 9/17/2024 11:31:06 AM

11Cl-PF3OUdS_2
Sample: WG1972379-10,1633MED S/N:3619.5 Points Across peak:38



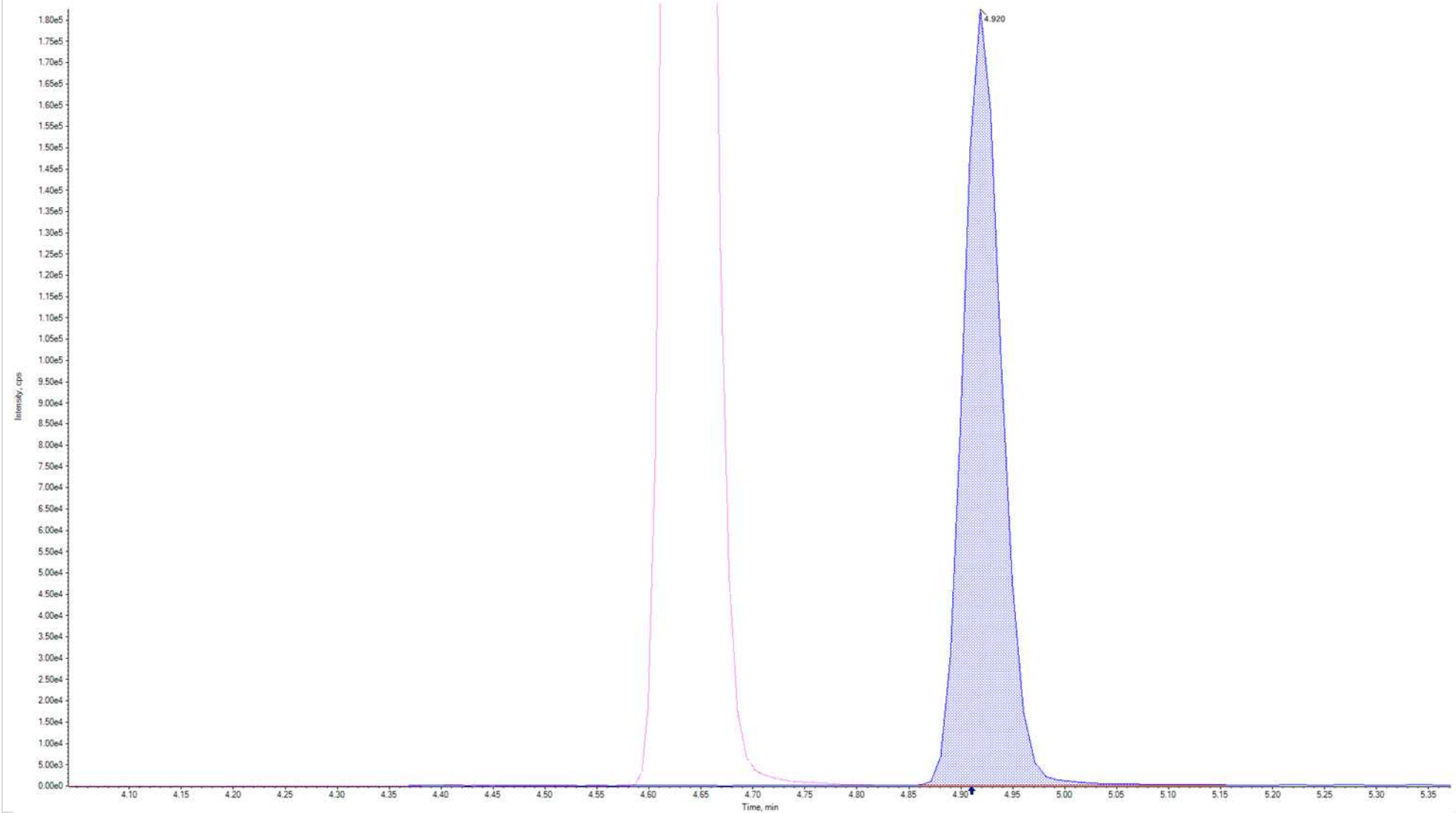
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3:3FTCA
Sample: WG1972379-10,1633MED S/N:2570.1 Points Across peak:23



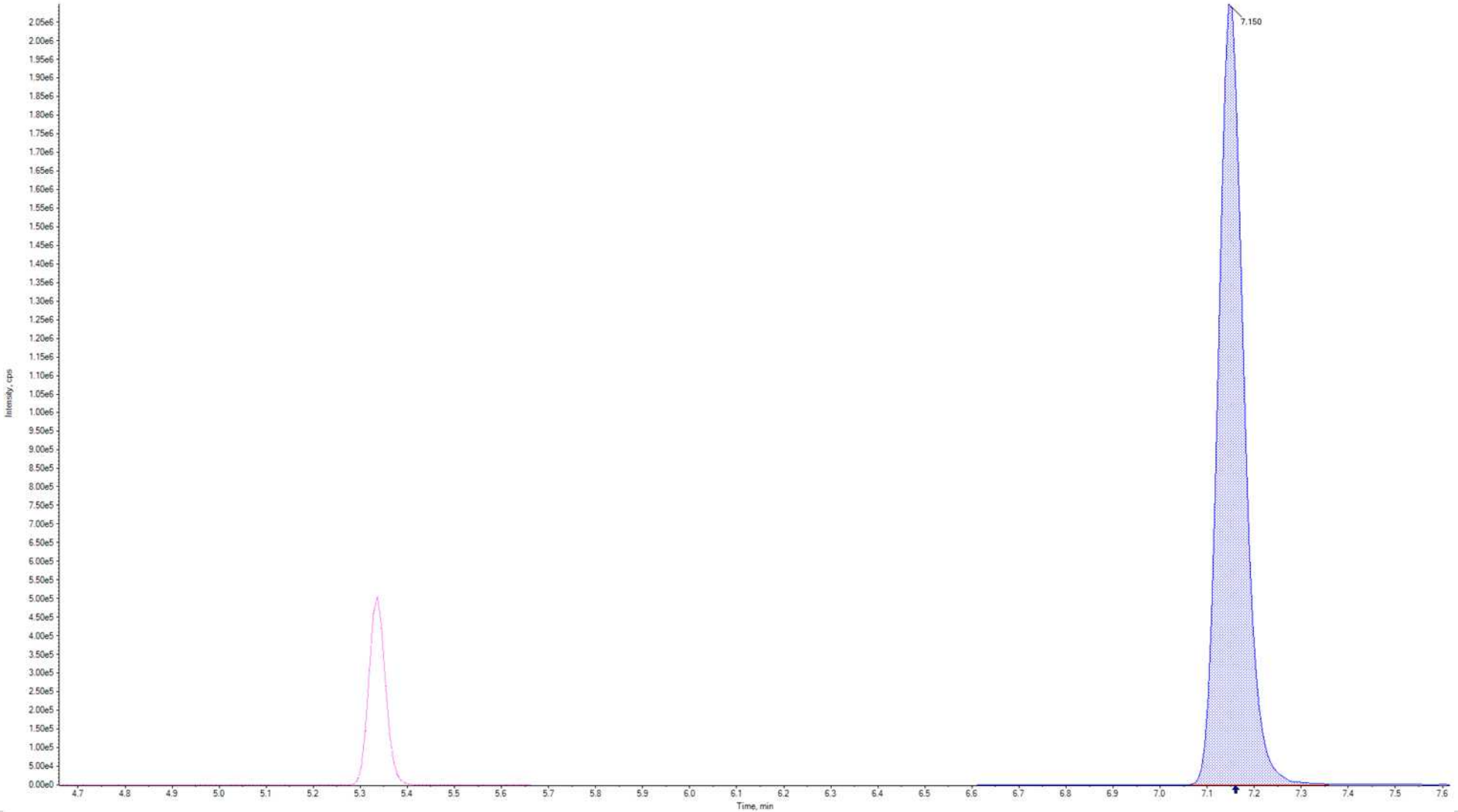
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Alpha Analytical Inc.
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3:3FTCA_2
Sample: WG1972379-10,1633MED S/N:2035.3 Points Across peak:36



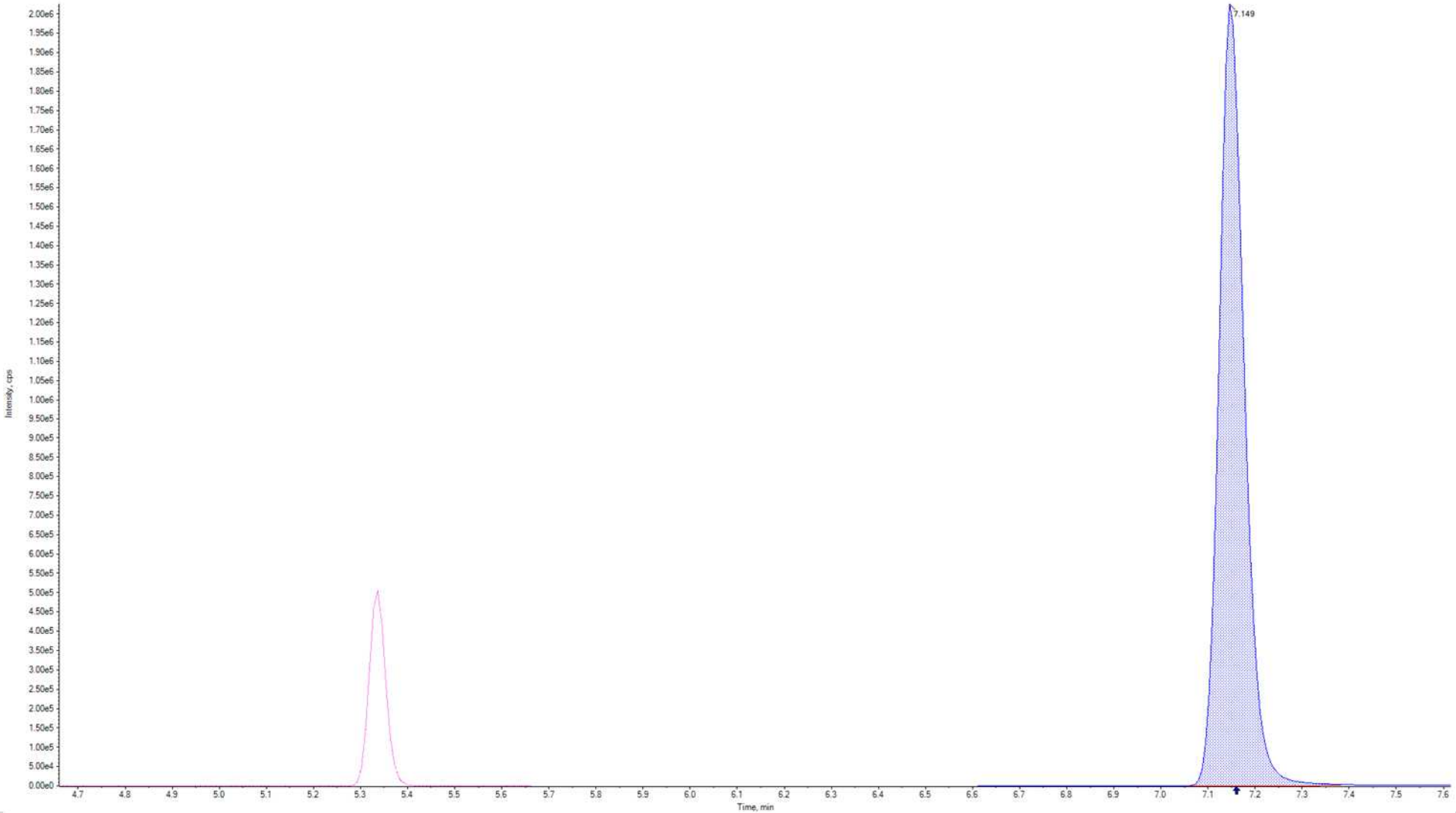
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Alpha Analytical Inc.
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Generated: 9/17/2024 11:31:06 AM

5:3FTCA
Sample: WG1972379-10,1633MED S/N:43196.0 Points Across peak:51



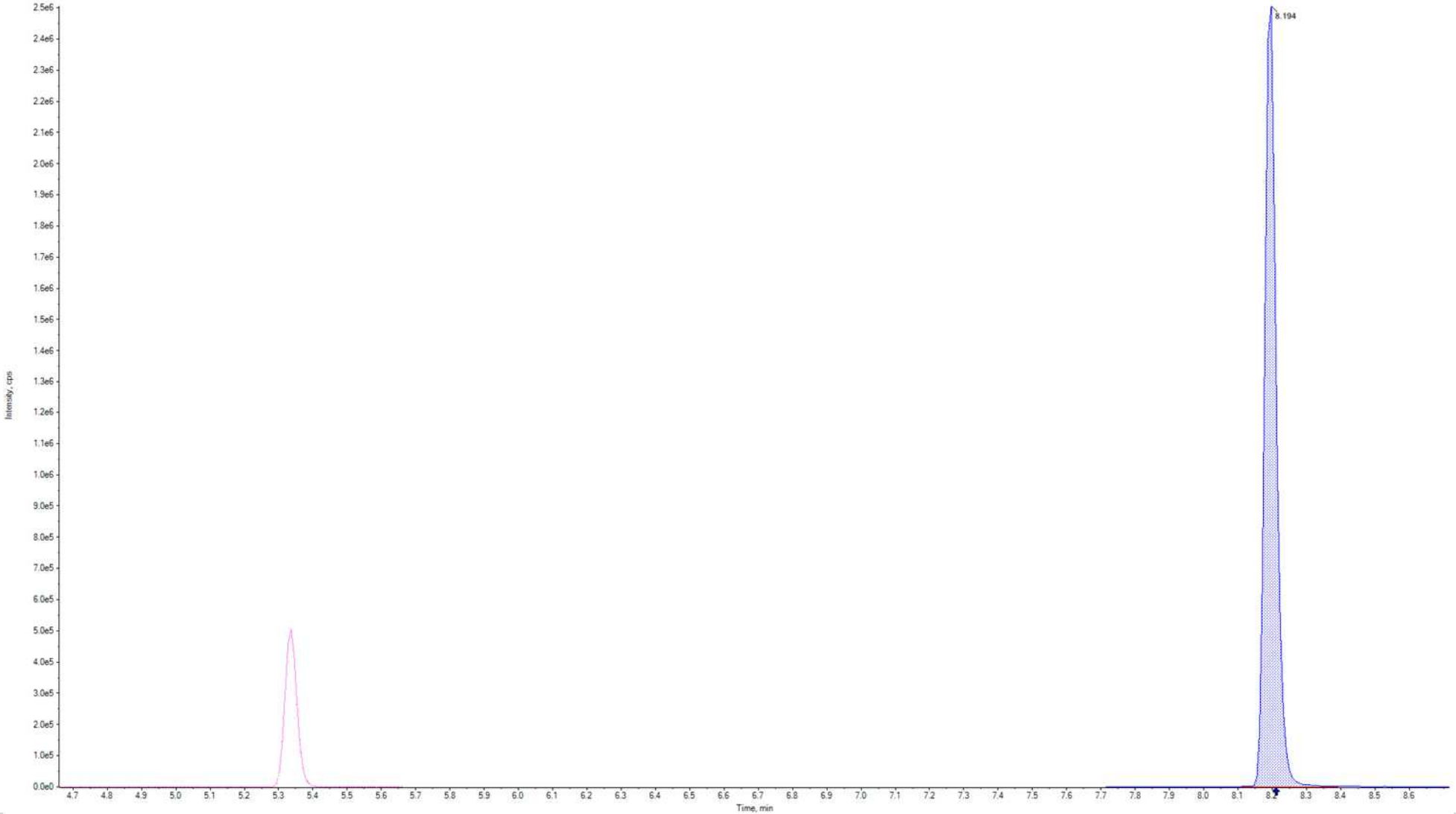
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

5:3FTCA_2
Sample: WG1972379-10,1633MED S/N:13922.0 Points Across peak:55



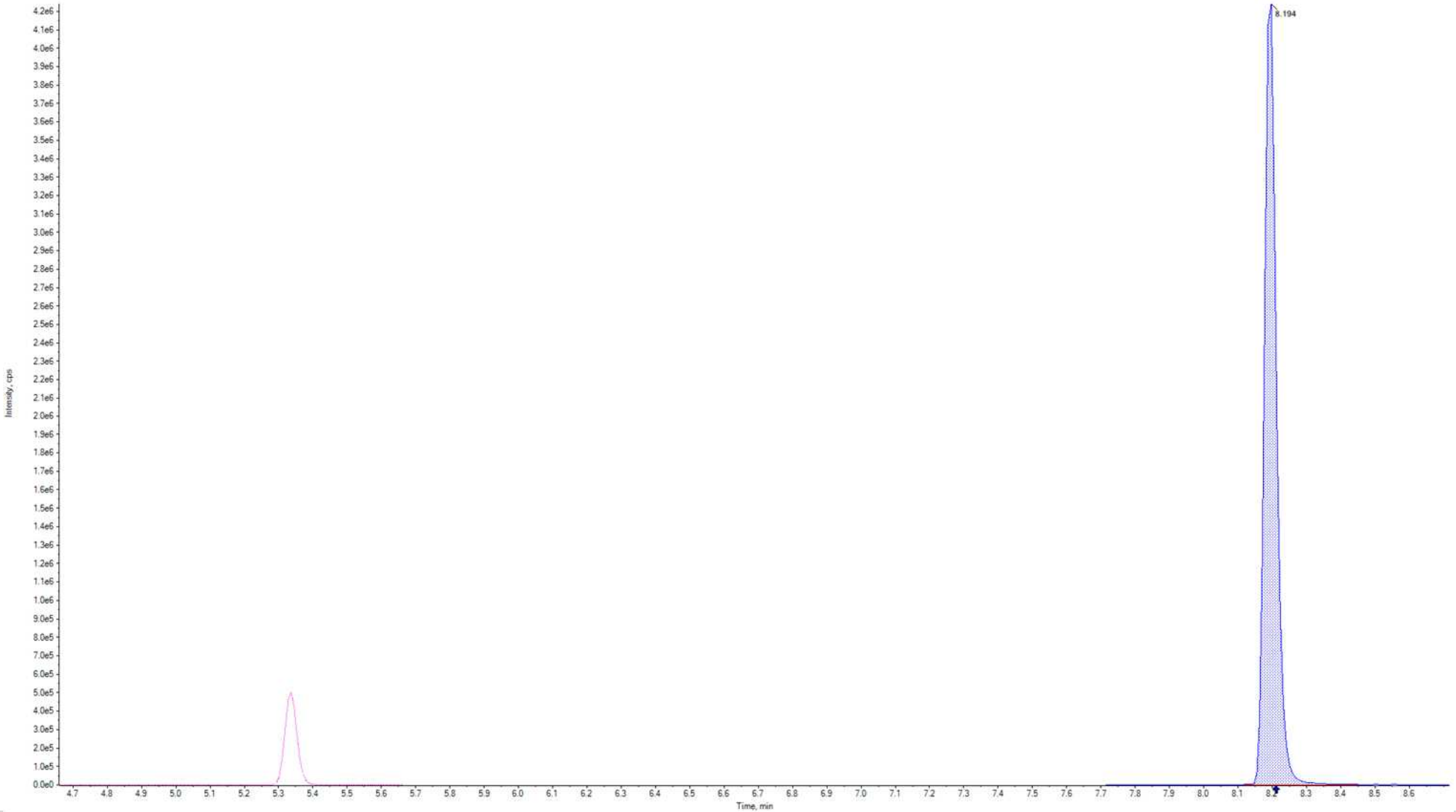
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

7:3FTCA
Sample: WG1972379-10,1633MED S/N:54494.8 Points Across peak:40



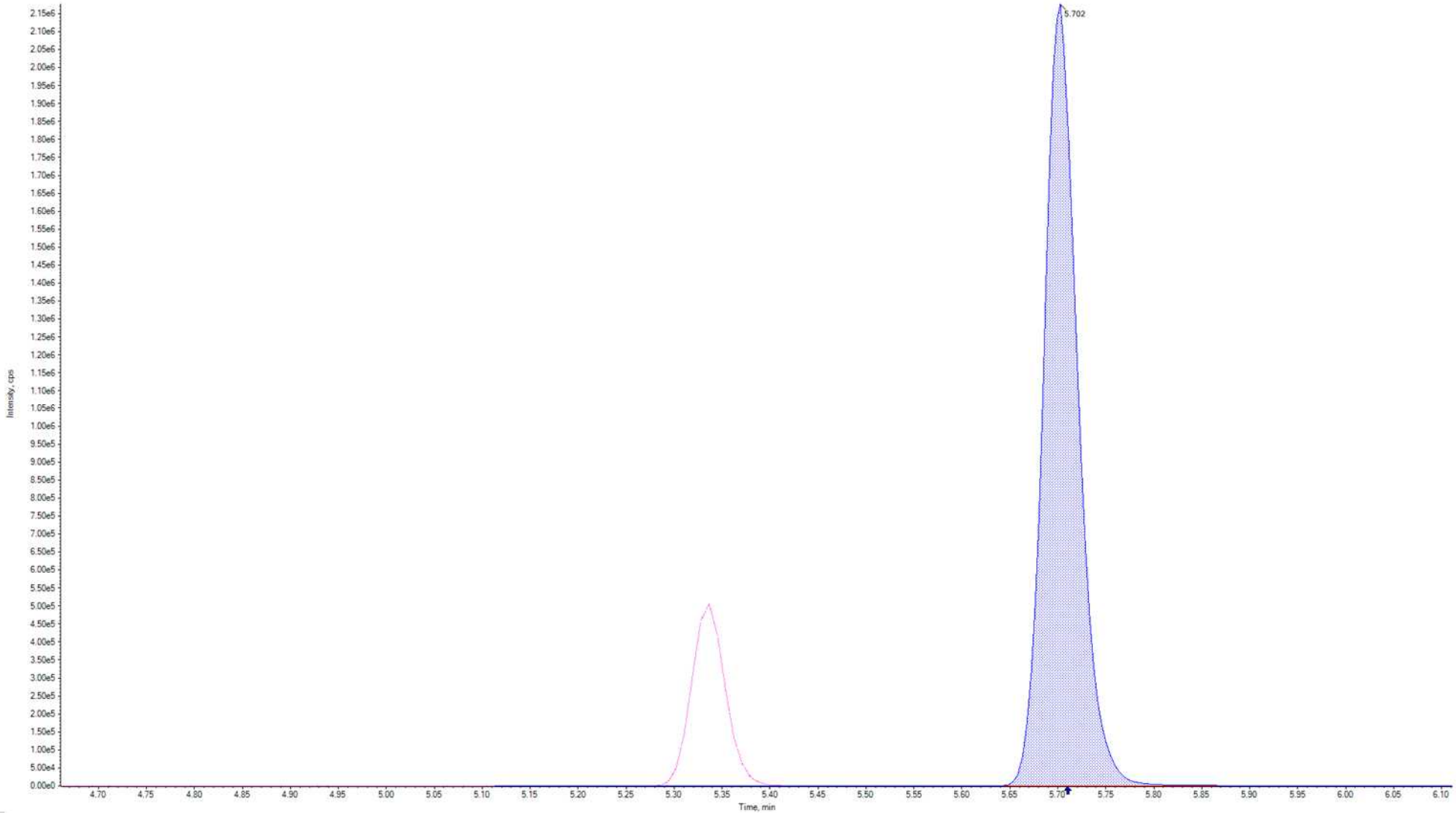
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

7:3FTCA_2
Sample: WG1972379-10,1633MED S/N:38708.7 Points Across peak:50



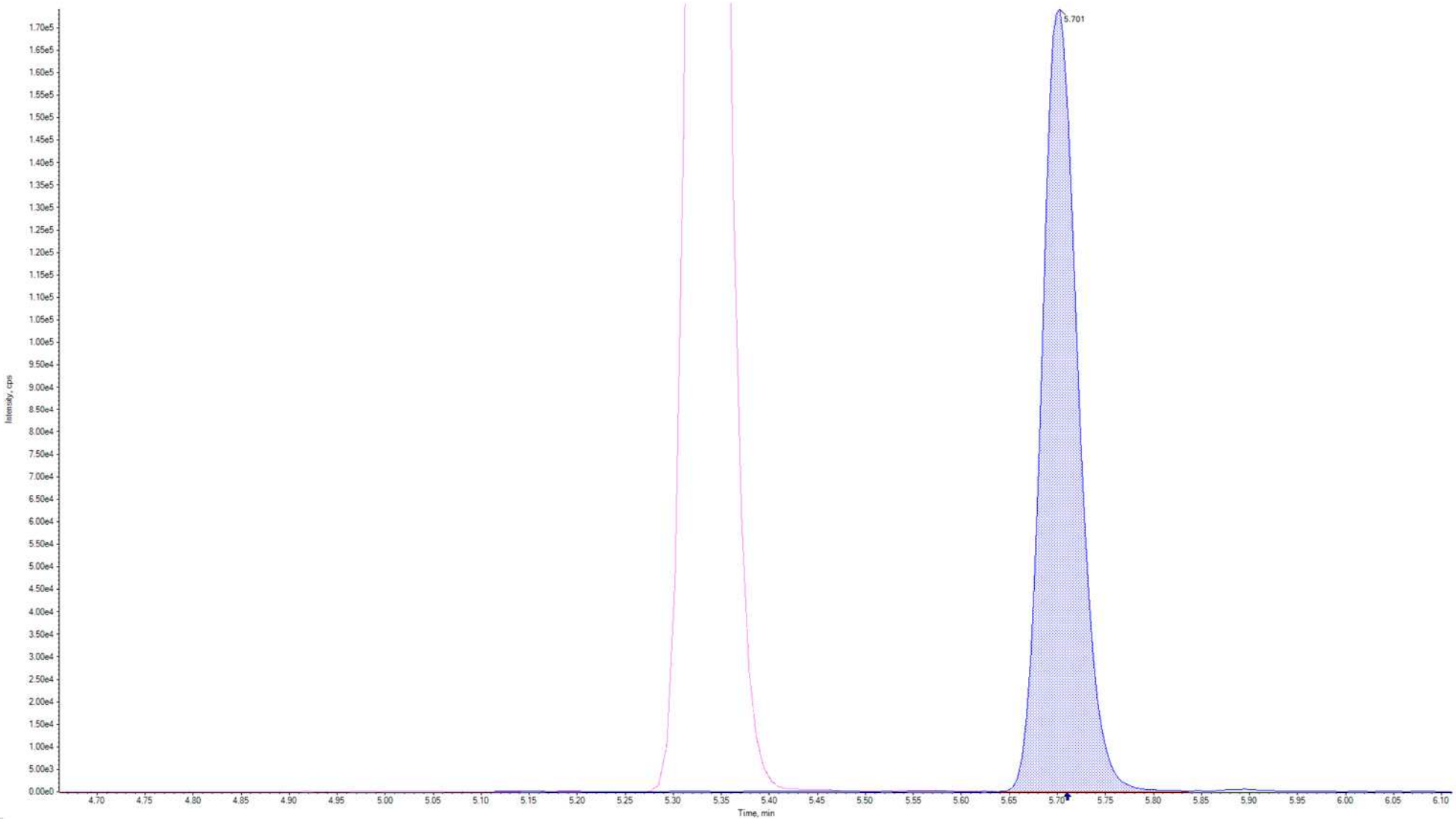
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Alpha Analytical Inc.
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Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

PFEESA
Sample: WG1972379-10,1633MED S/N:15088.8 Points Across peak:49



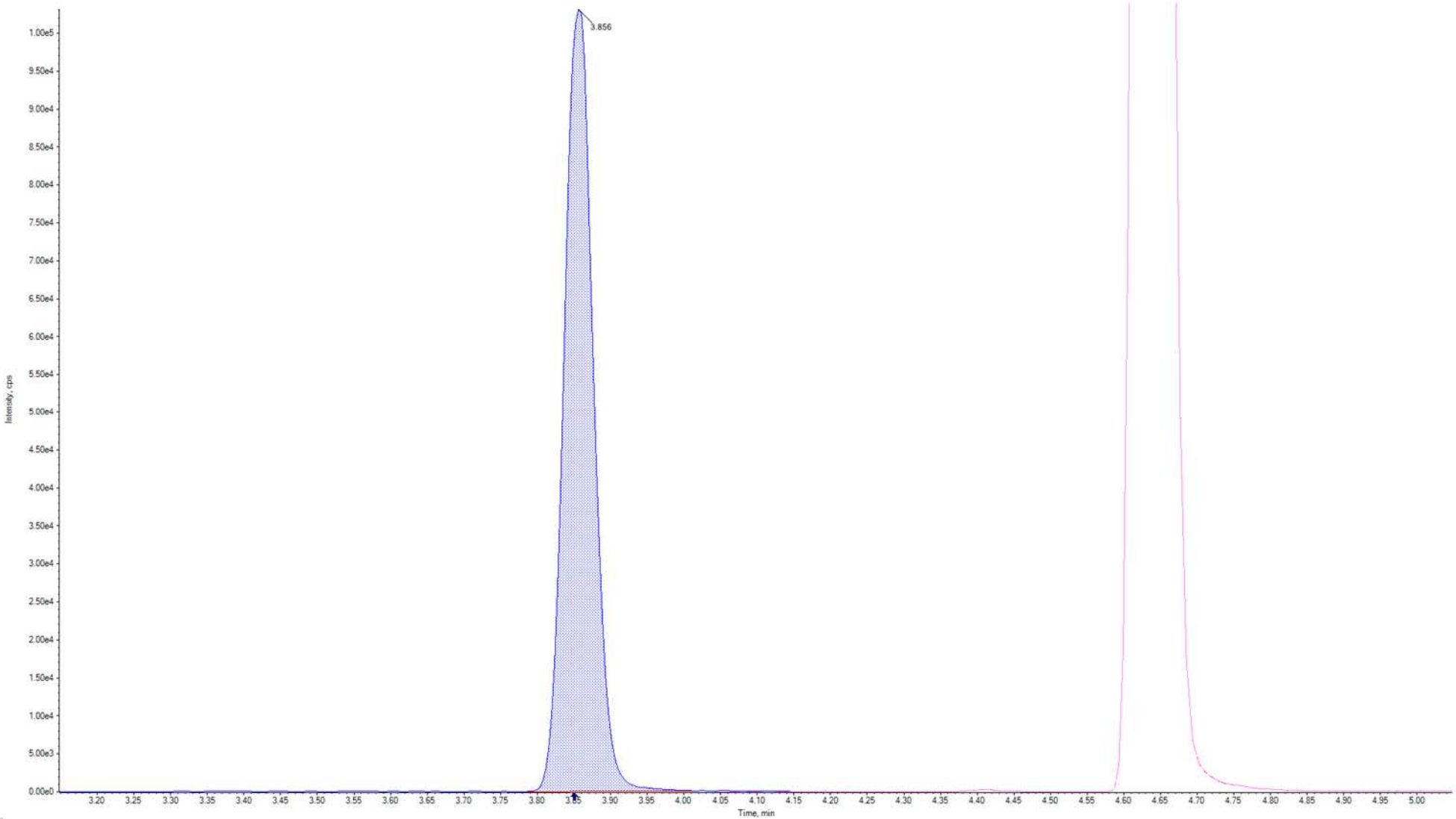
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
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Generated: 9/17/2024 11:31:06 AM

PFEESA_2
Sample: WG1972379-10,1633MED S/N:3891.1 Points Across peak:43



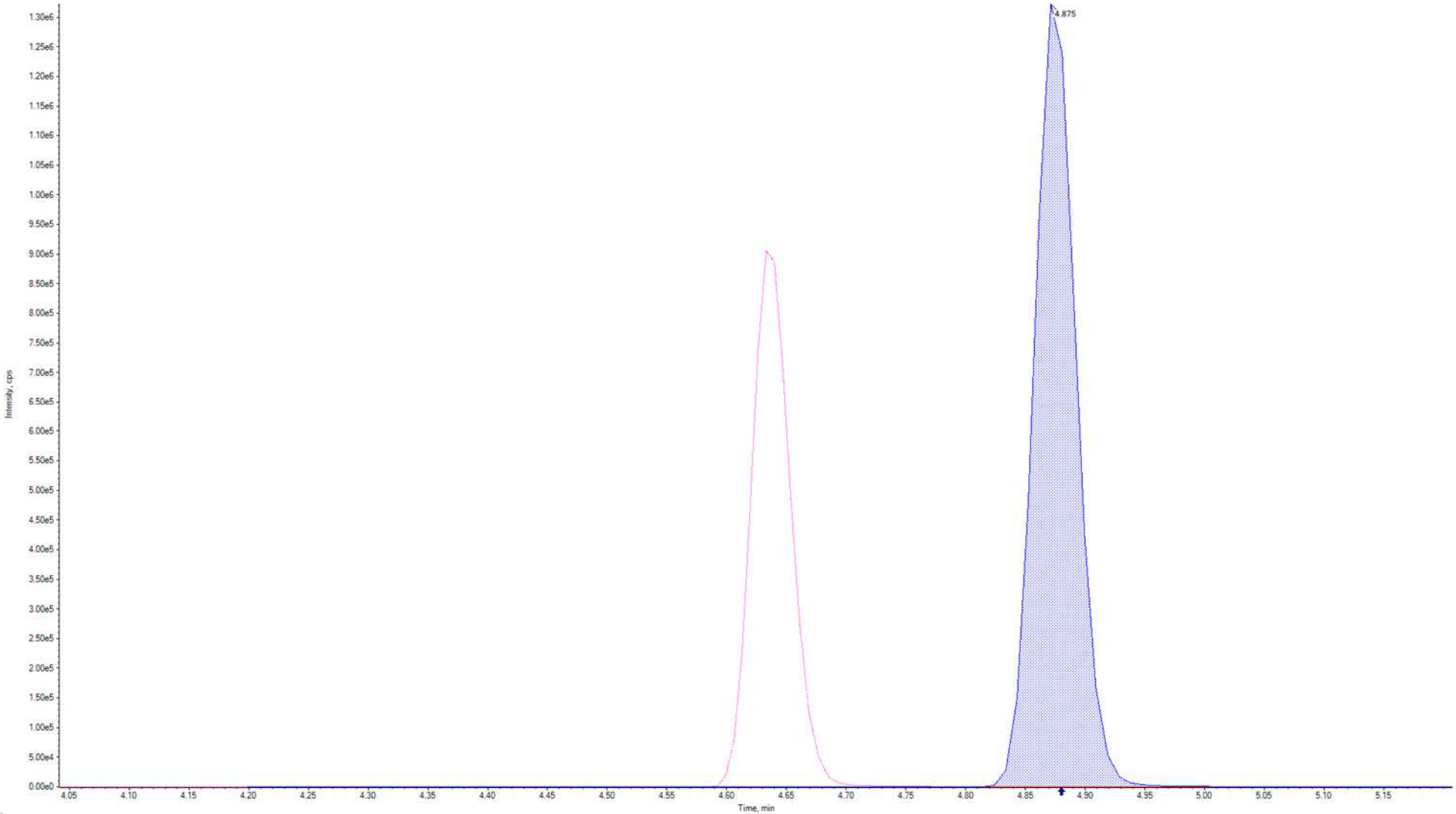
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

PFMPA
Sample: WG1972379-10,1633MED S/N:5123.1 Points Across peak:59



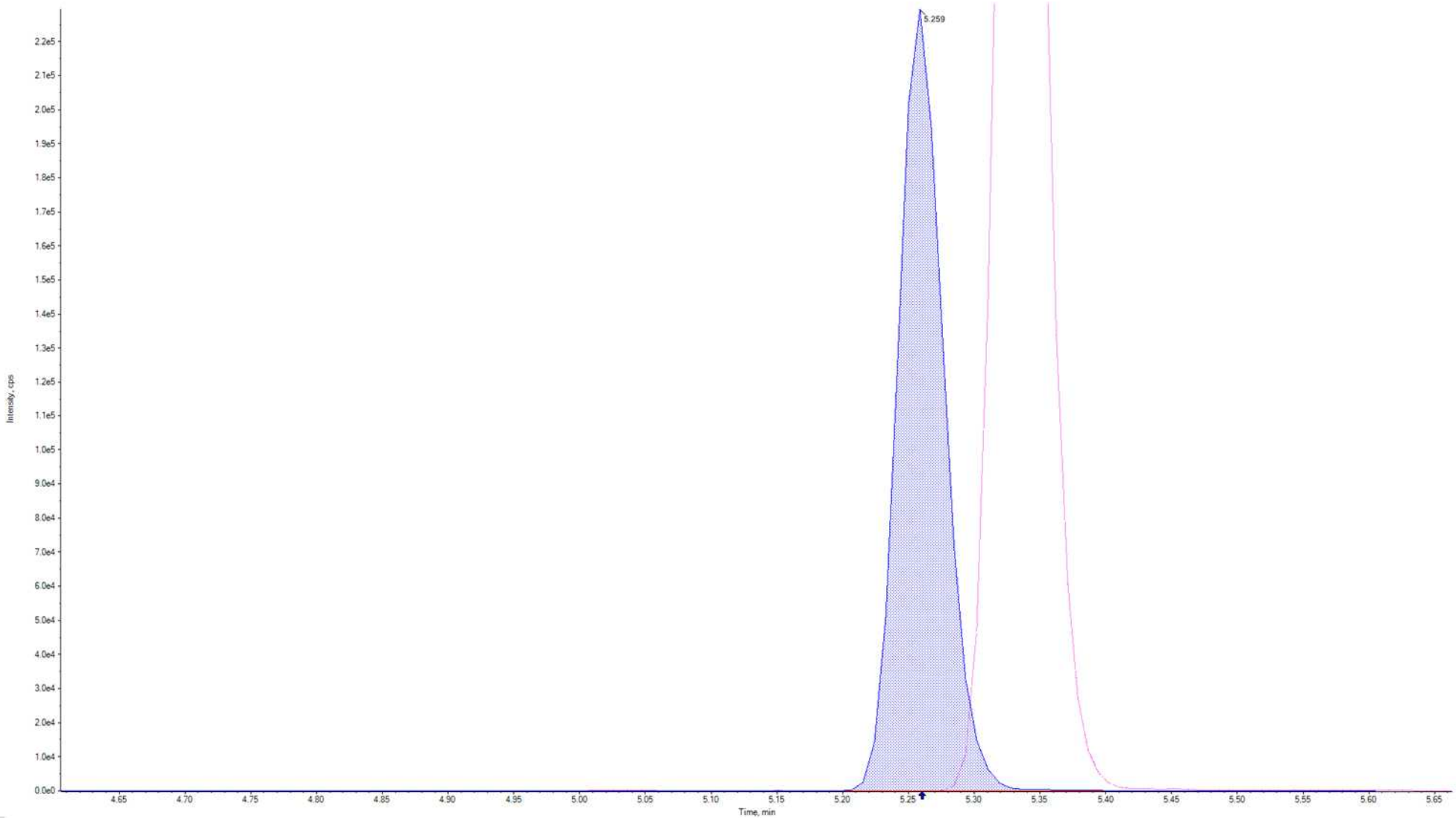
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
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PFMBA
Sample: WG1972379-10,1633MED S/N:37023.1 Points Across peak:29



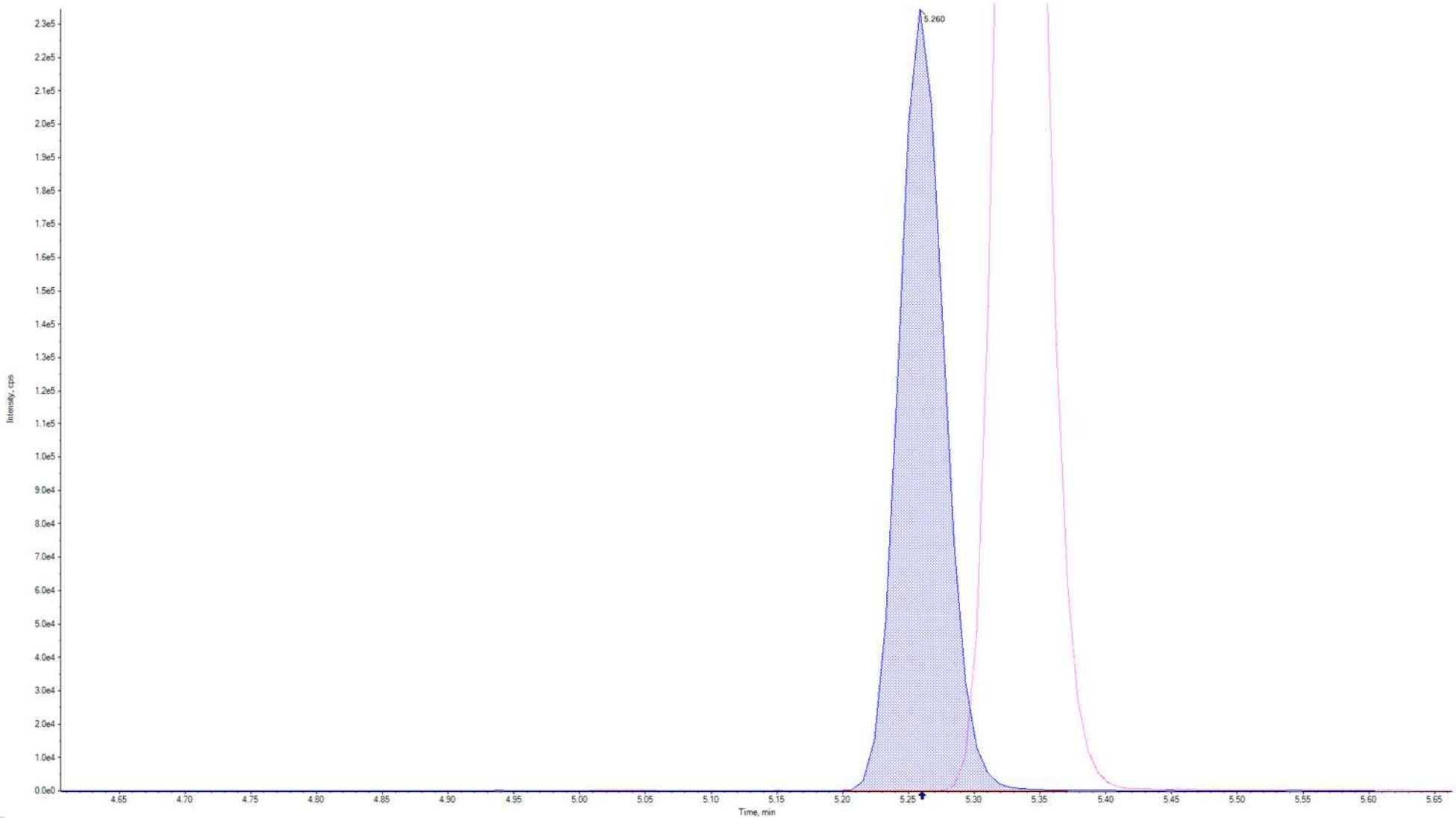
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
Dataset: D:\Analyst Data\Projects\PFAS\2024_09_17\Data\SCI05_240917_37.wiff
Last Altered: 9/17/2024 1:15:28 PM
Generated: 9/17/2024 11:31:06 AM

NFDHA
Sample: WG1972379-10,1633MED S/N:4420.2 Points Across peak:29



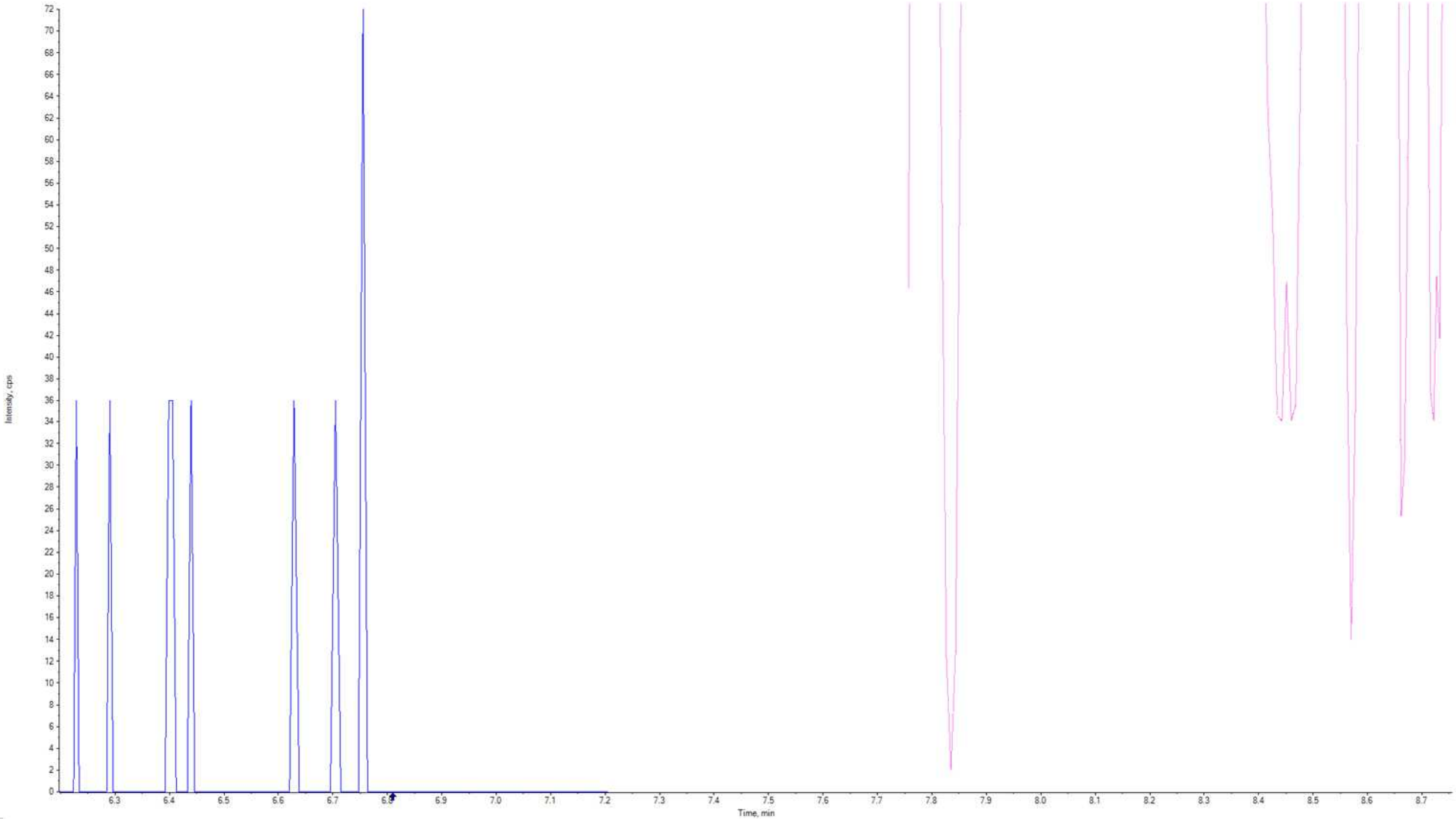
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NFDHA_2
Sample: WG1972379-10,1633MED S/N:9019.3 Points Across peak:22



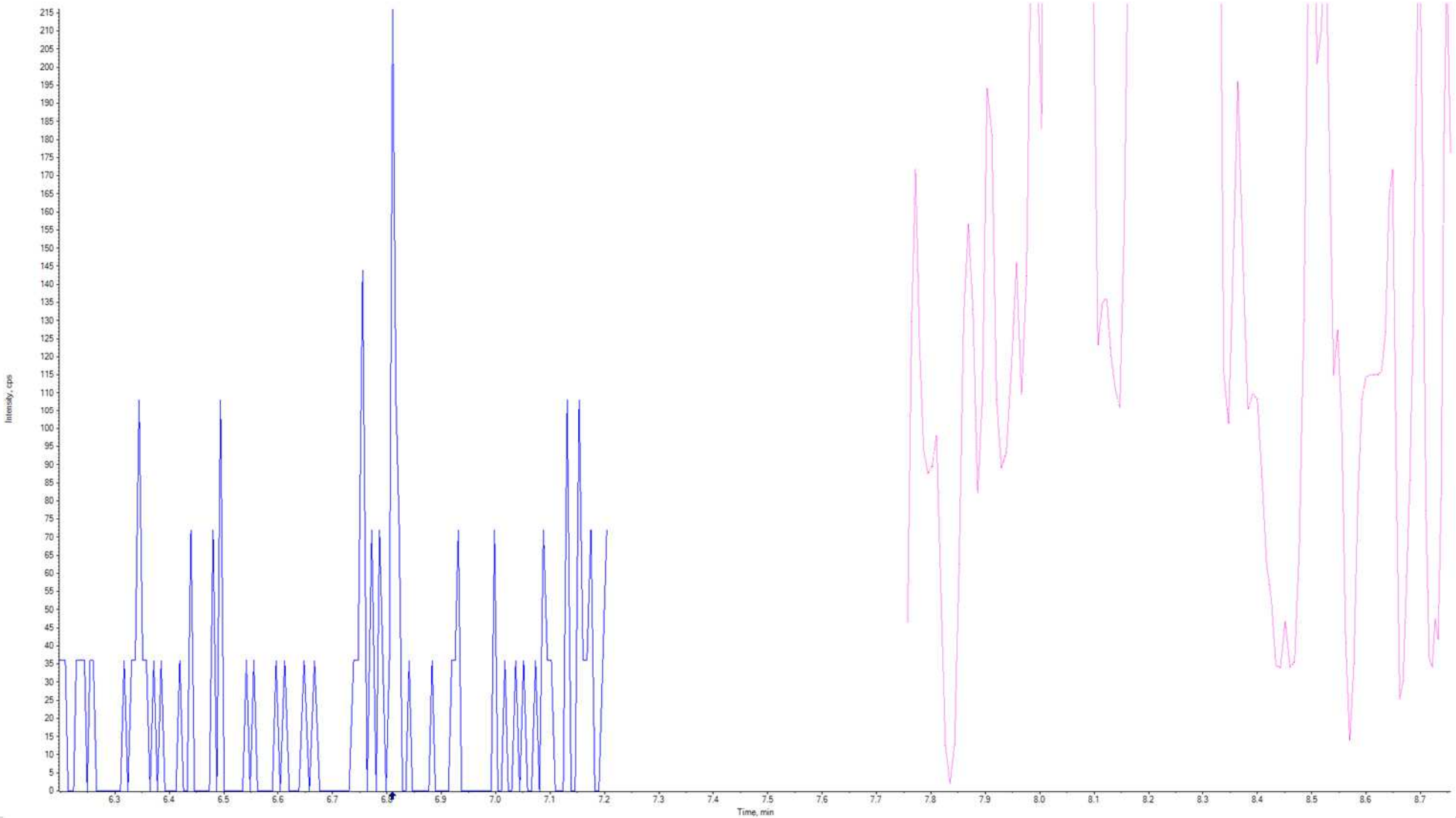
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TDCA
Sample: WG1972379-10,1633MED S/N:N/A Points Across peak:N/A



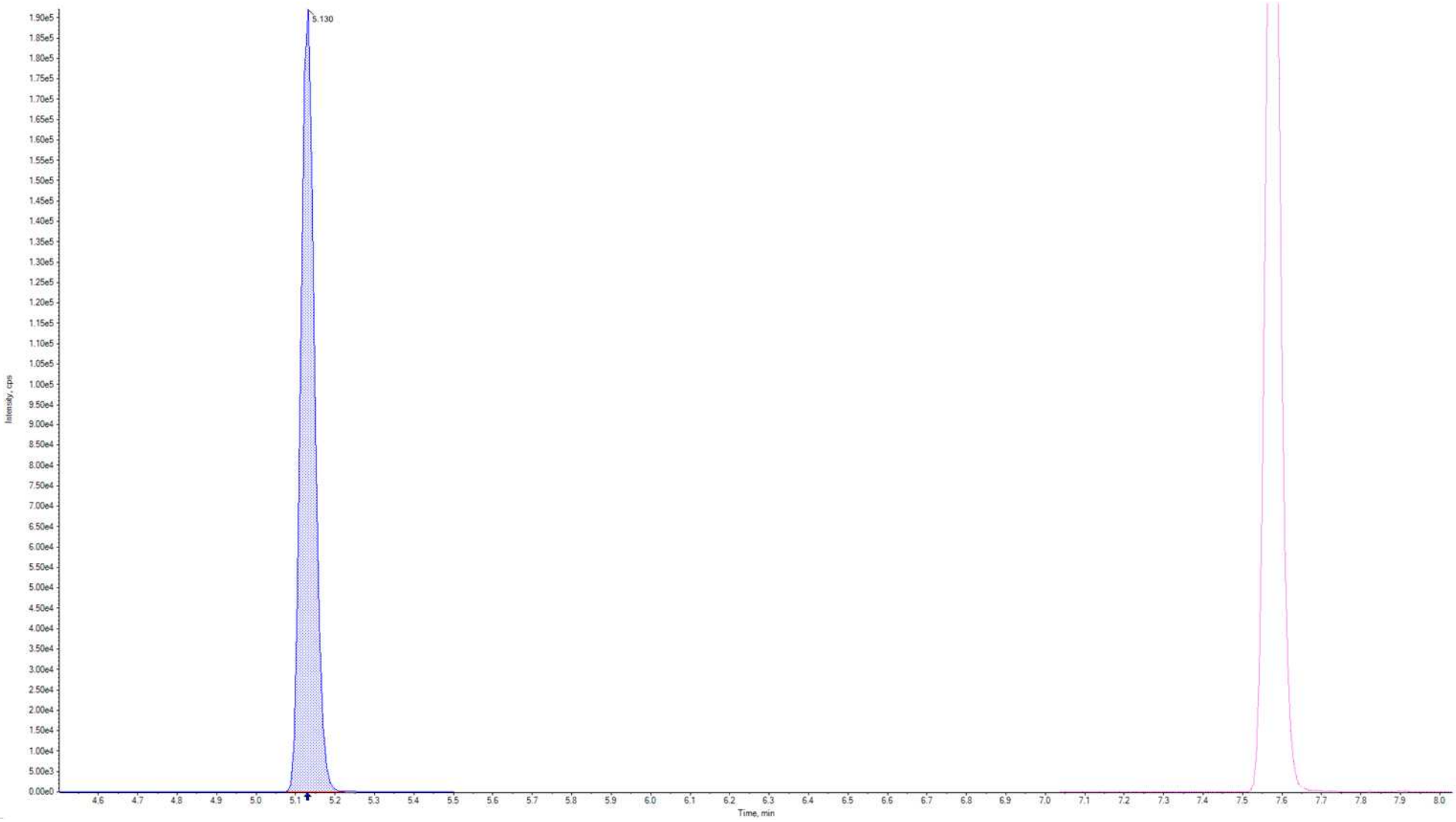
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TDCA_2
Sample: WG1972379-10,1633MED S/N:N/A Points Across peak:N/A



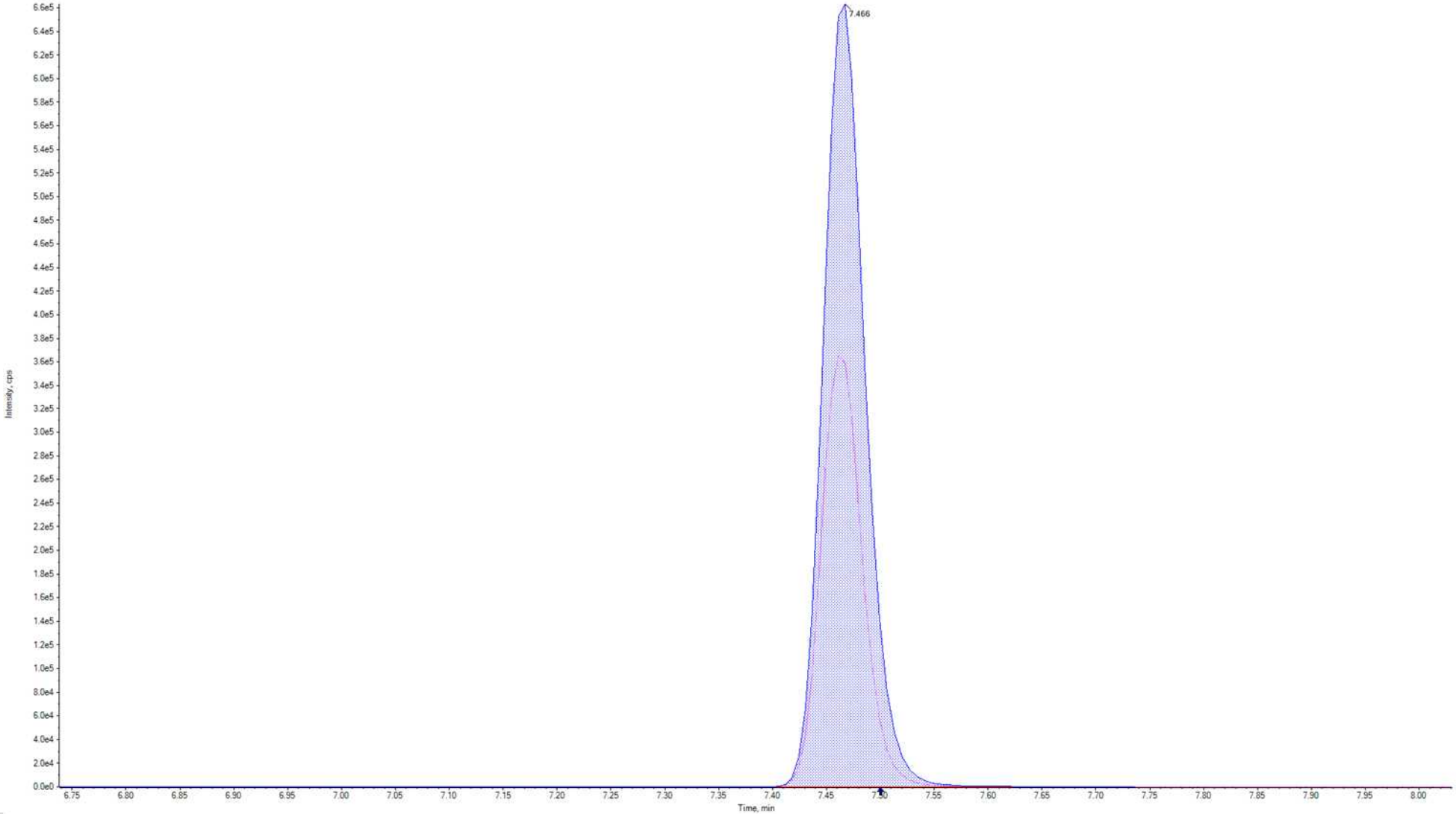
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13C2D4-4:2FTS
Sample: WG1972379-10,1633MED S/N:1342.3 Points Across peak:20

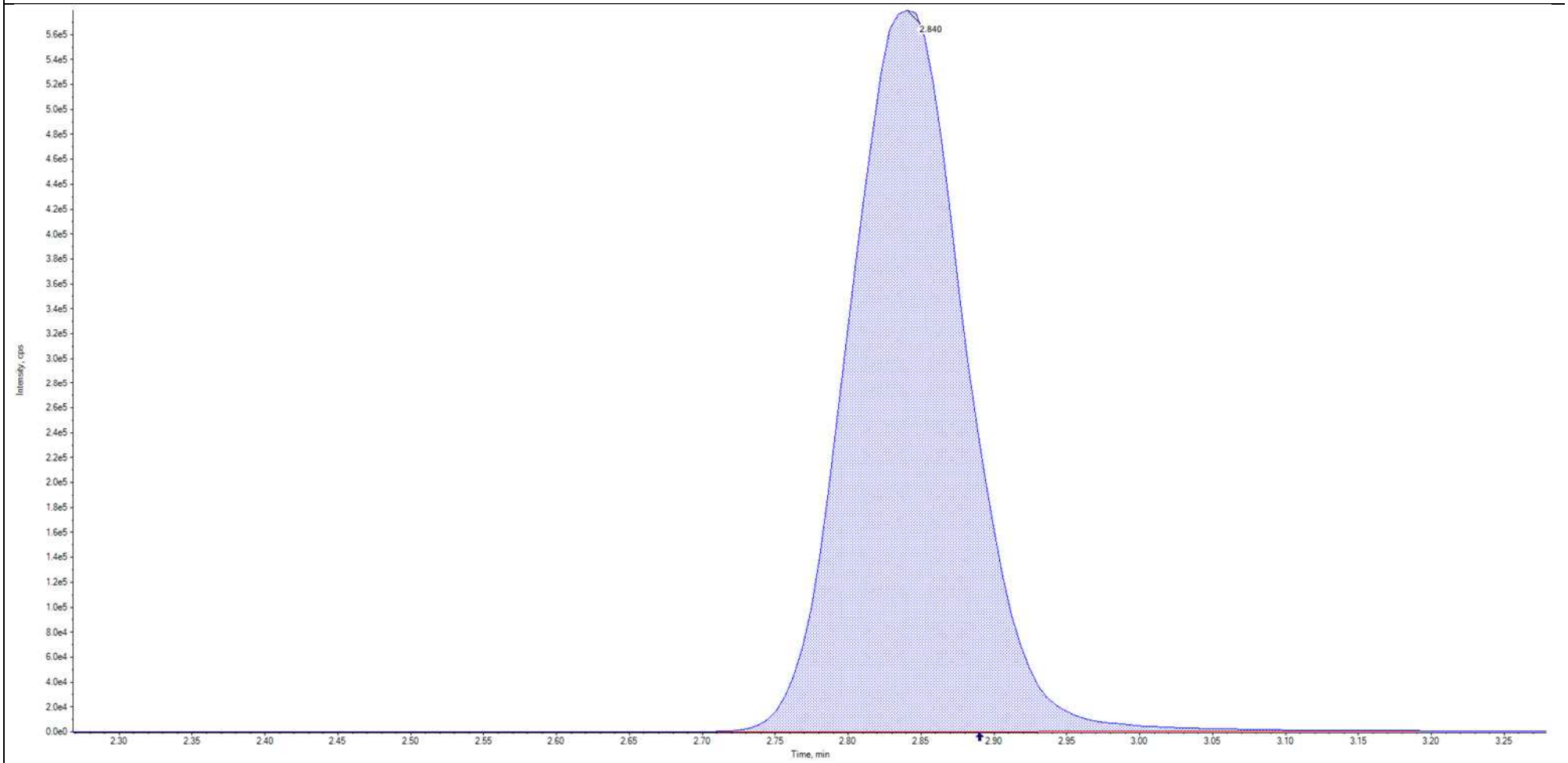


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13C2-PFOA
Sample: WG1972379-10,1633MED S/N:8281.8 Points Across peak:39

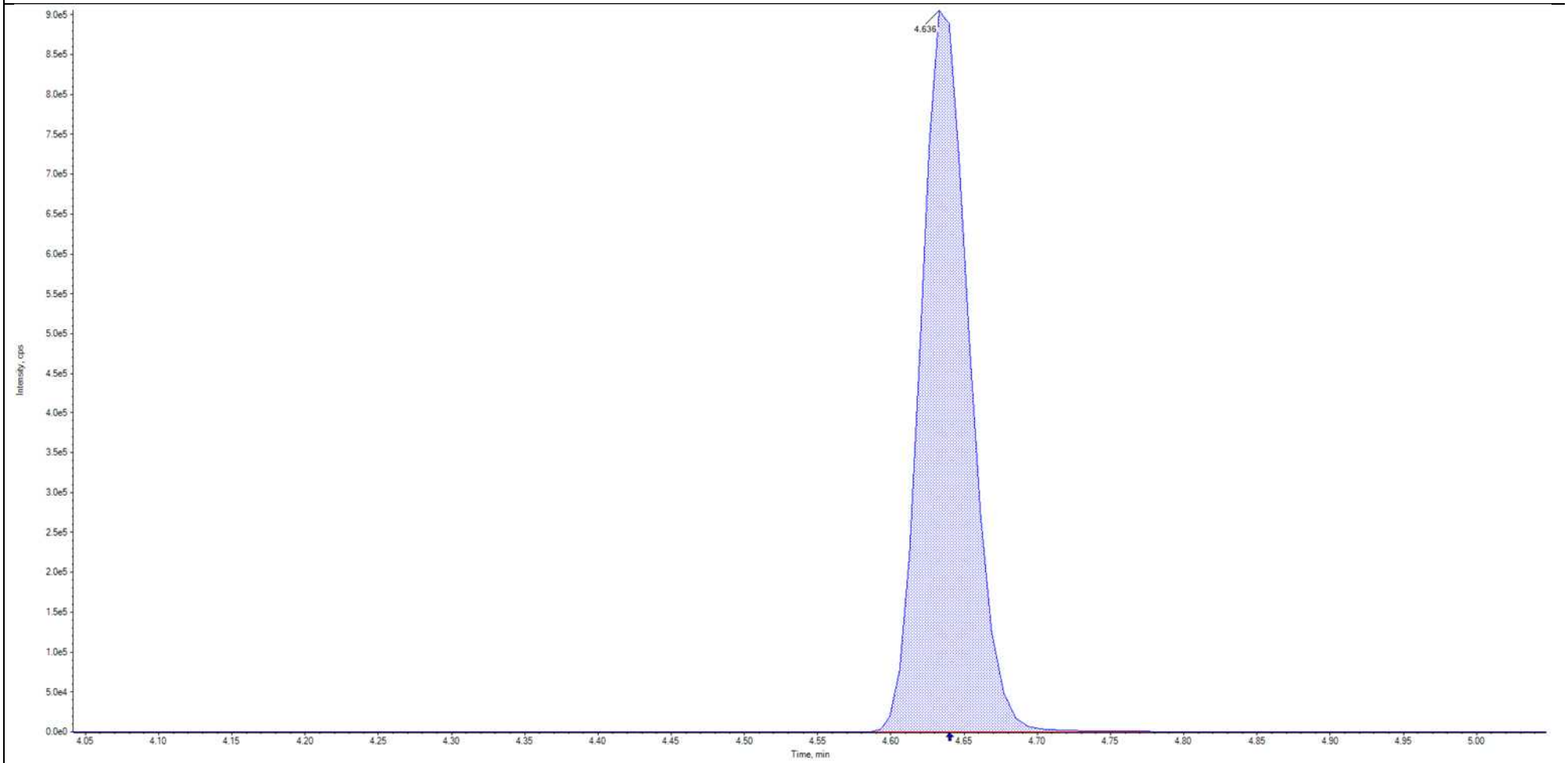


13C4-PFBA
Sample: WG1972379-10,1633MED



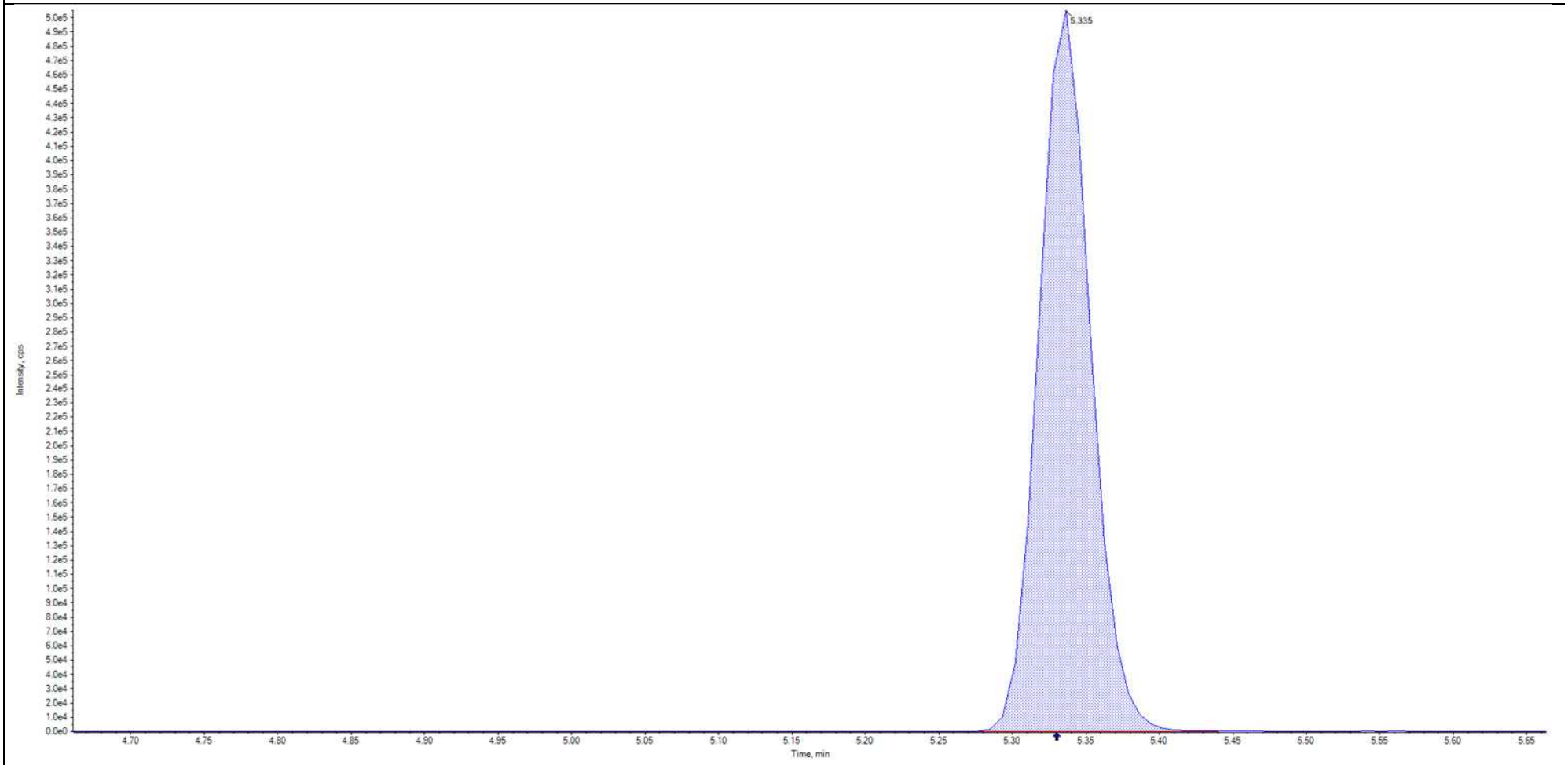
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13C5-PFPeA
Sample: WG1972379-10,1633MED



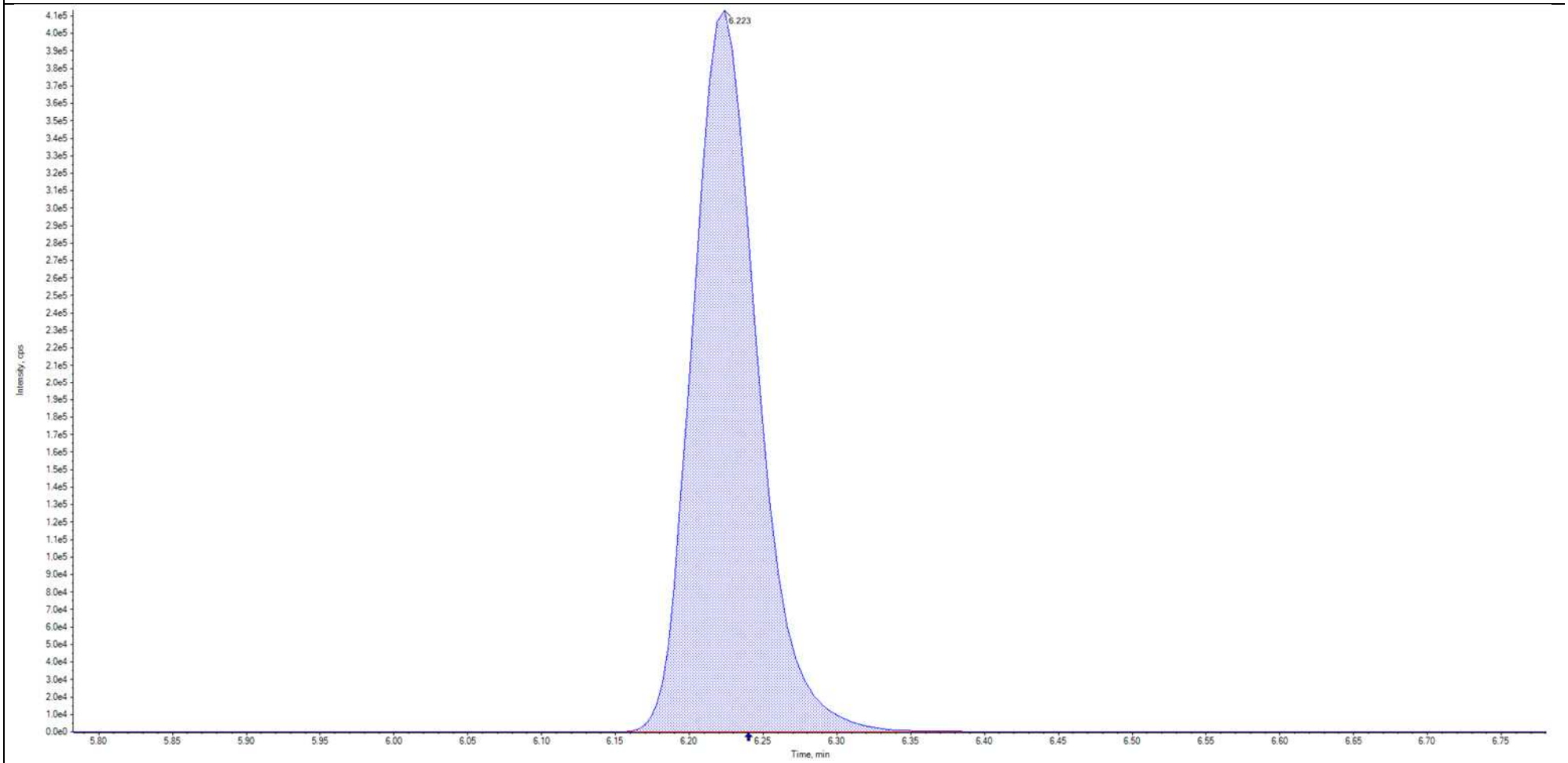
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13C5-PFHxA
Sample: WG1972379-10,1633MED

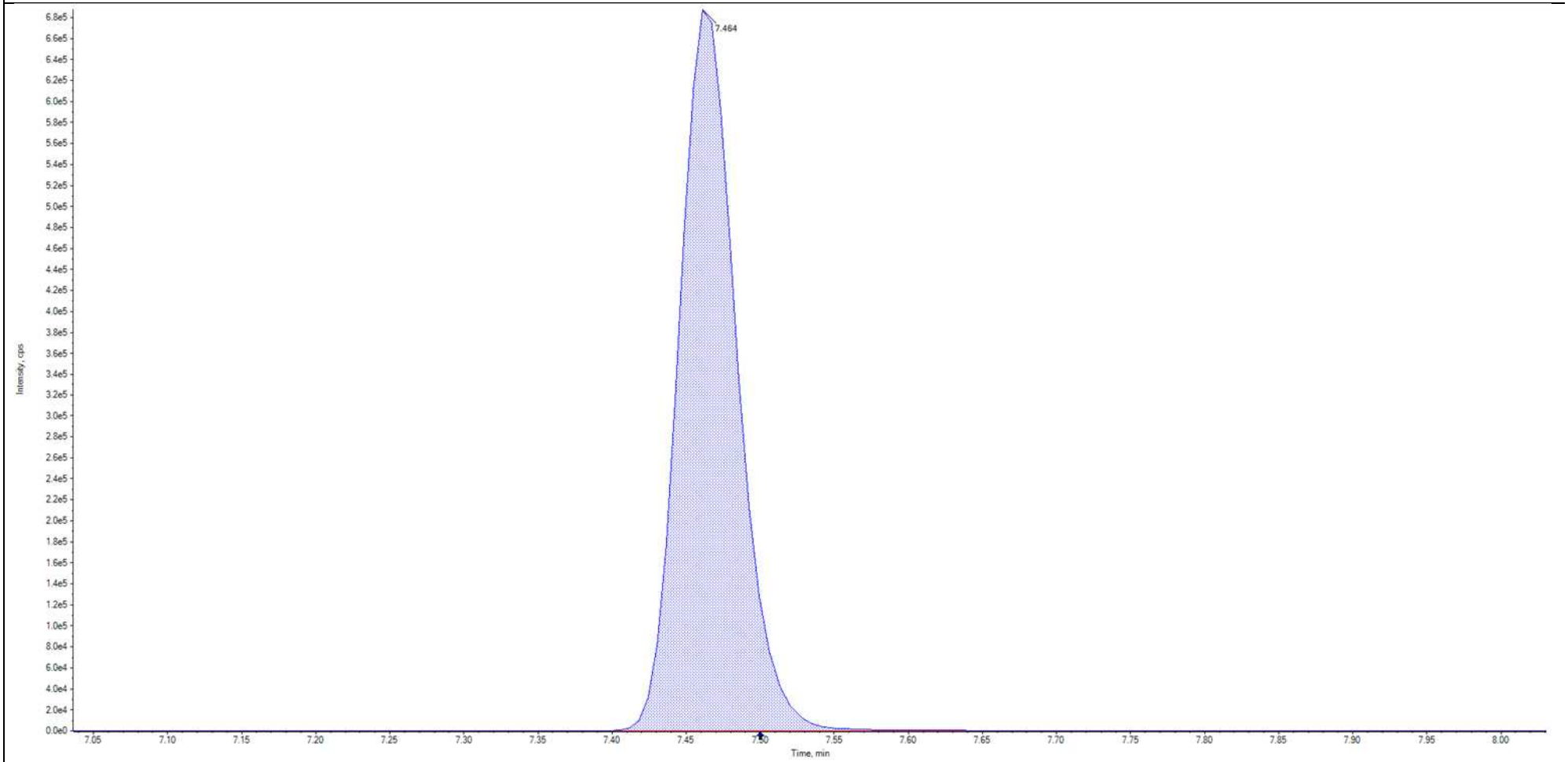


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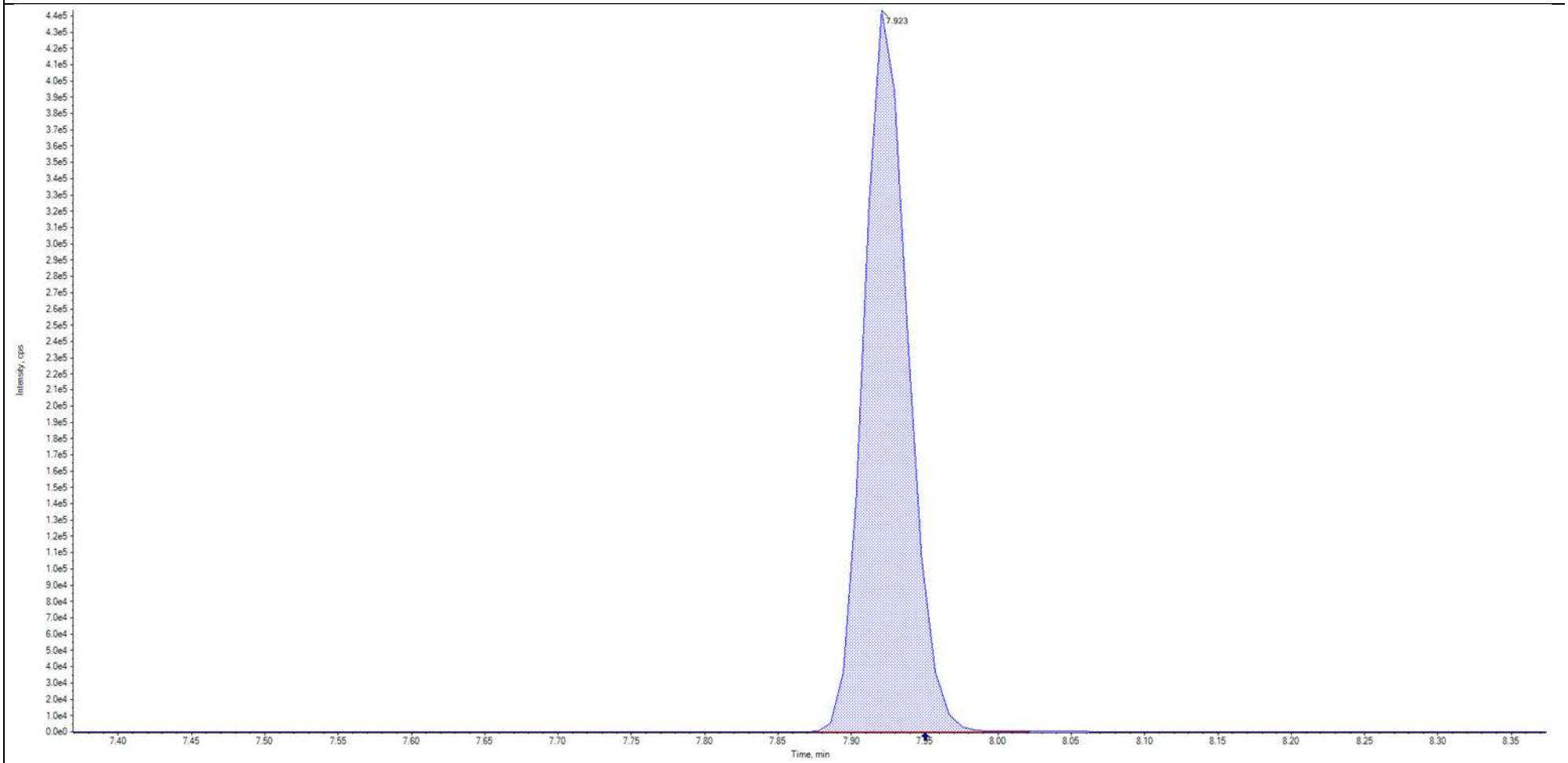
13C4-PFHpA
Sample: WG1972379-10,1633MED



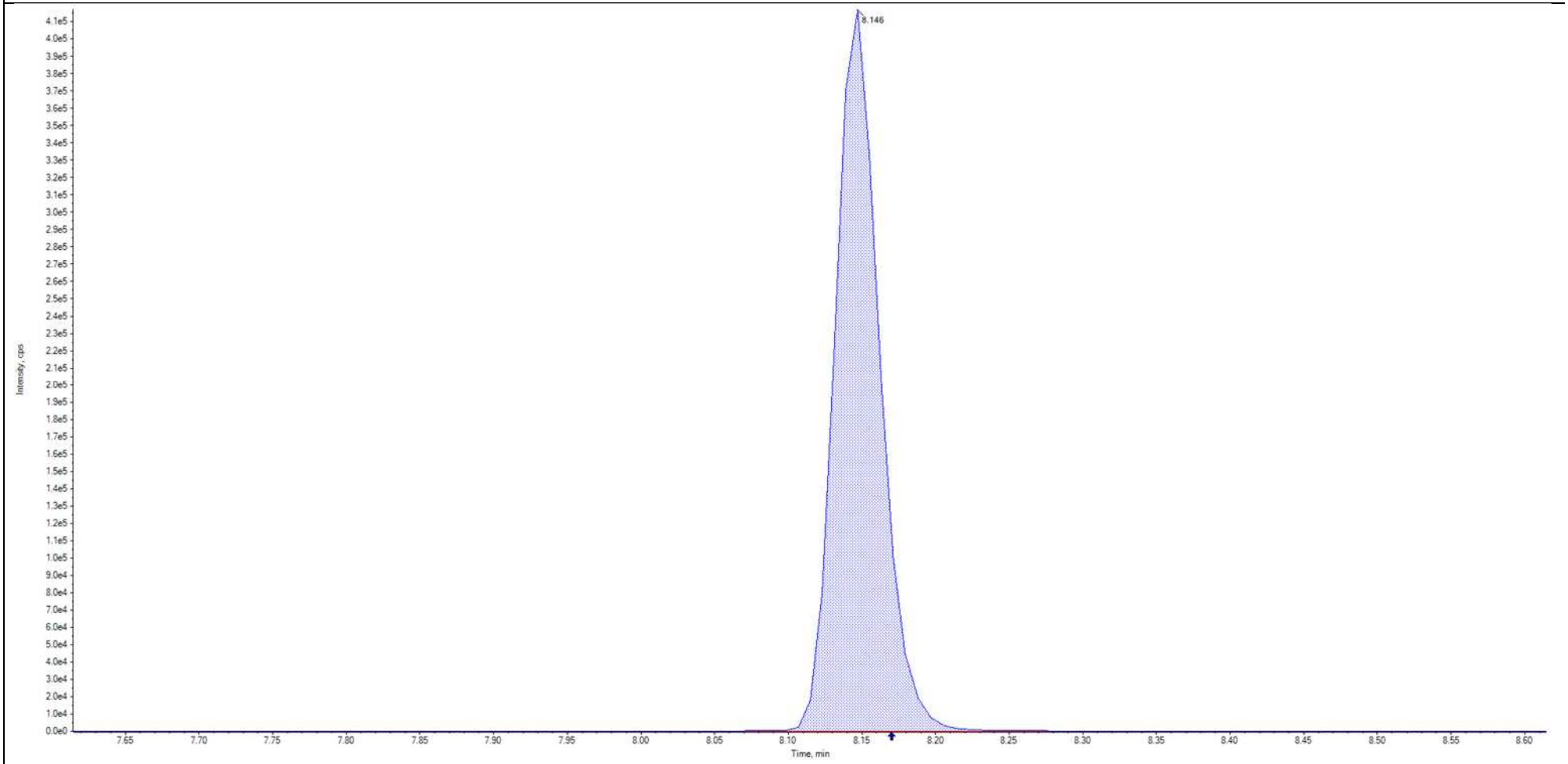
13C8-PFOA
Sample: WG1972379-10,1633MED



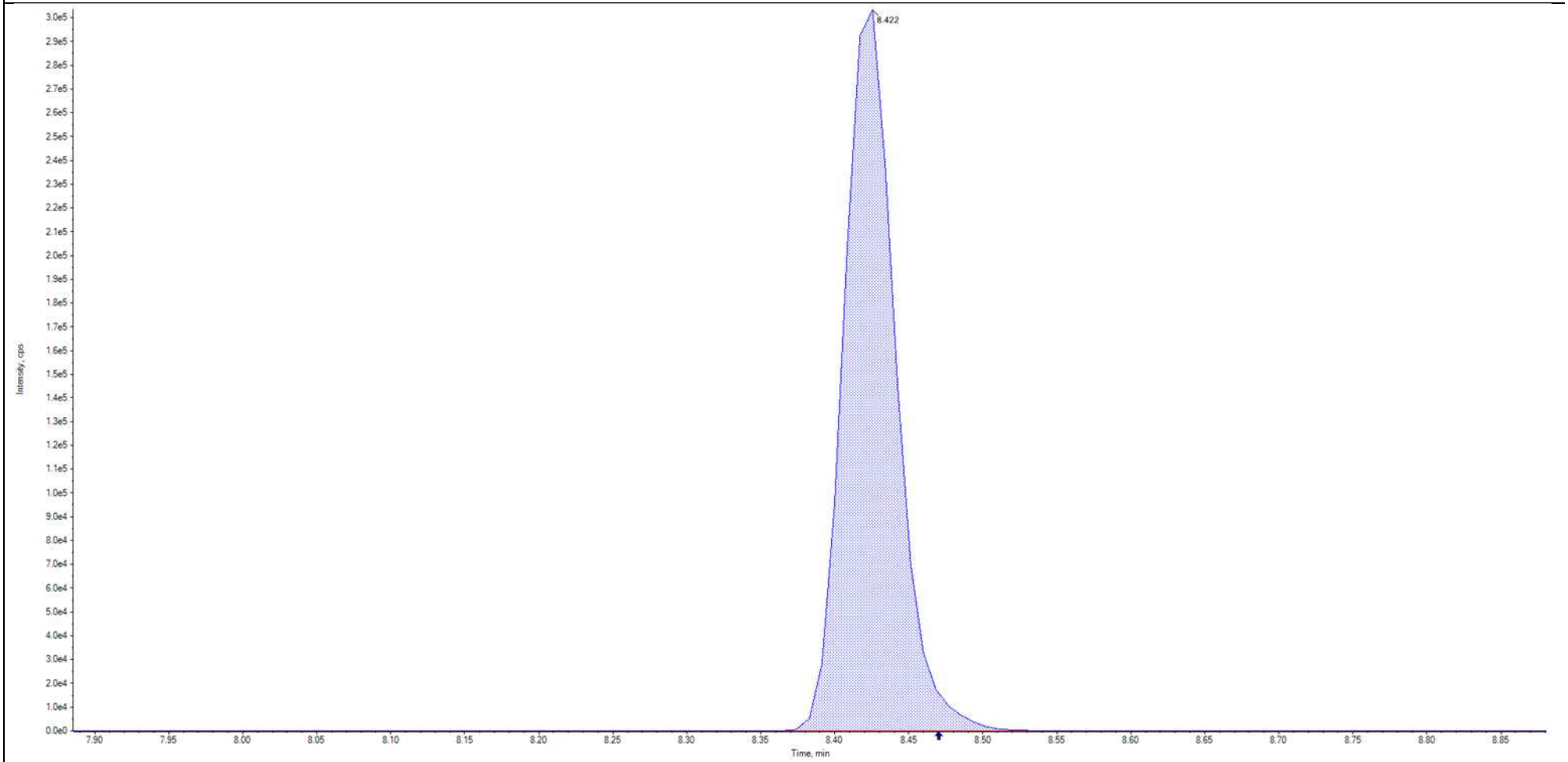
13C9-PFNA
Sample: WG1972379-10,1633MED



13C6-PFDA
Sample: WG1972379-10,1633MED

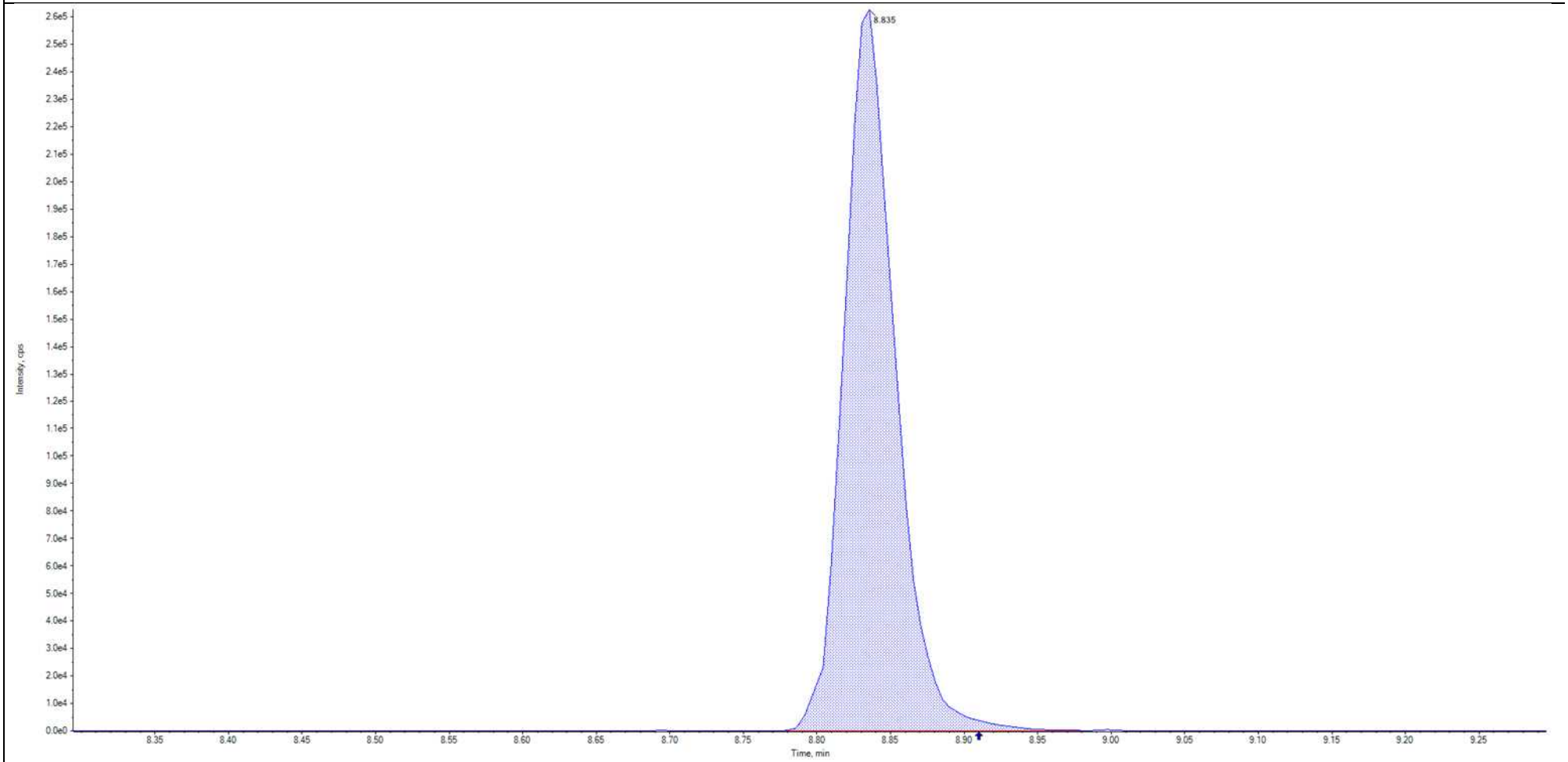


13C7-PFUnA
Sample: WG1972379-10,1633MED



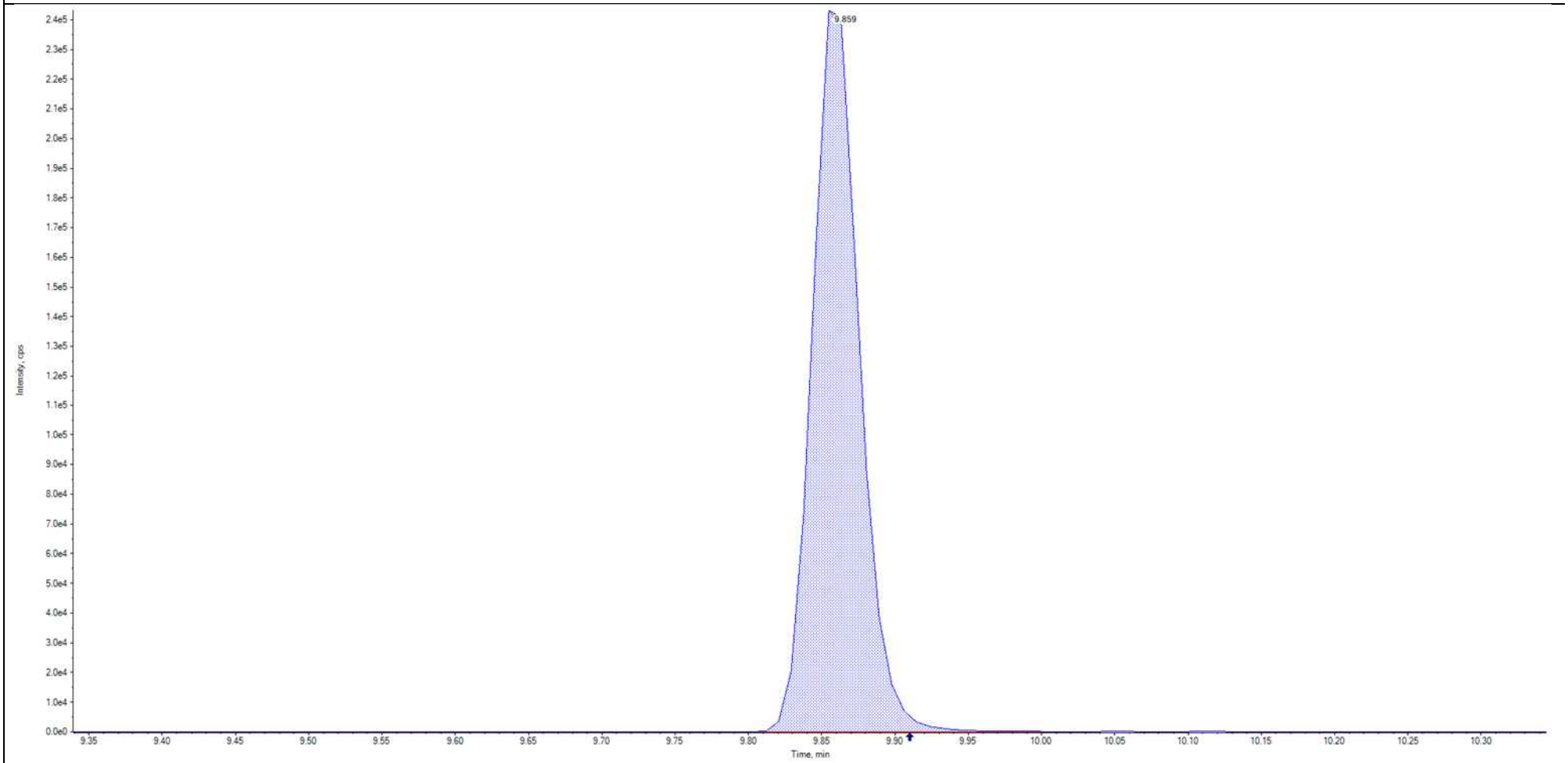
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13C2-PFDoA
Sample: WG1972379-10,1633MED

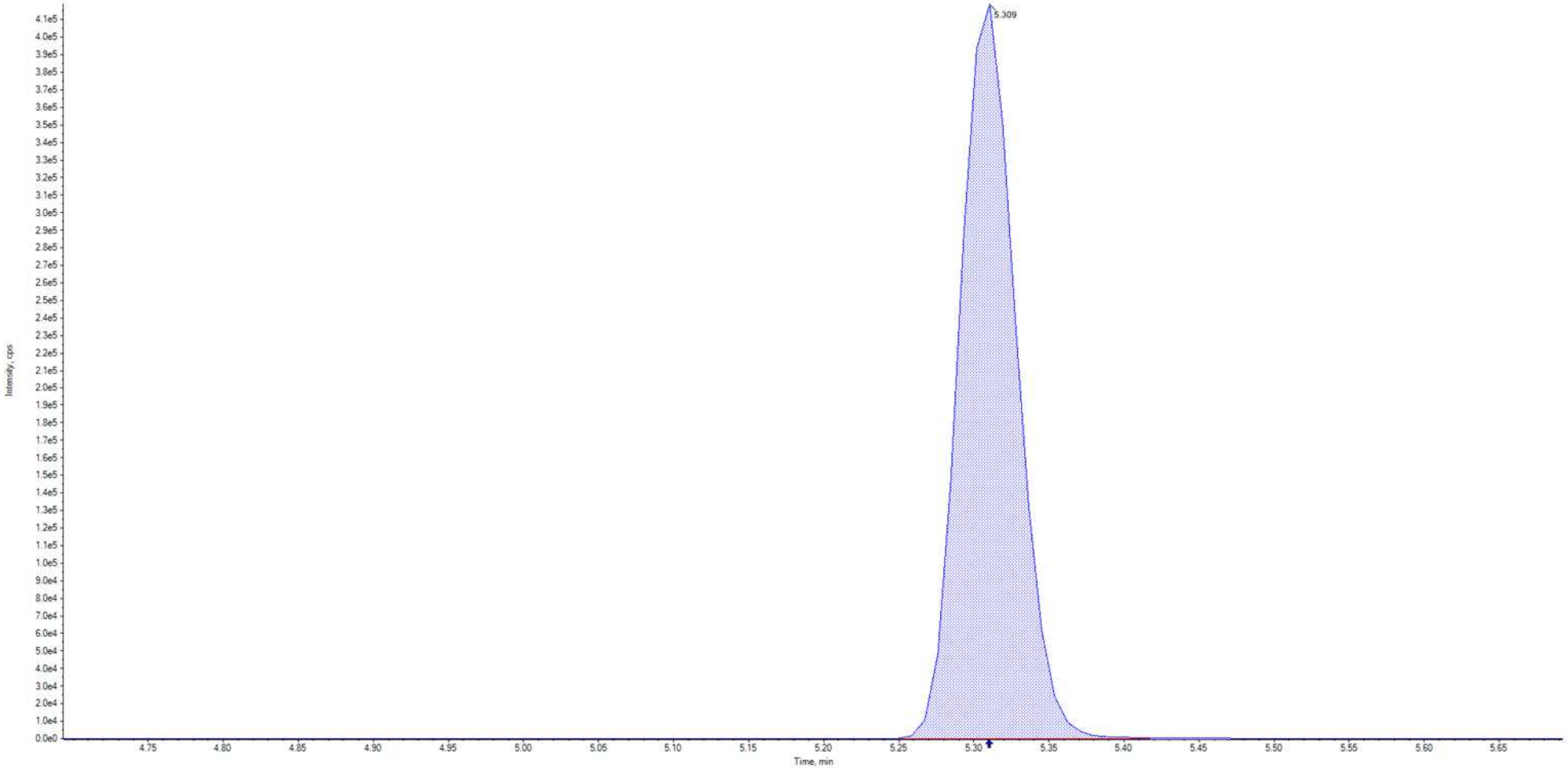


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13C2-PFTeDA
Sample: WG1972379-10,1633MED

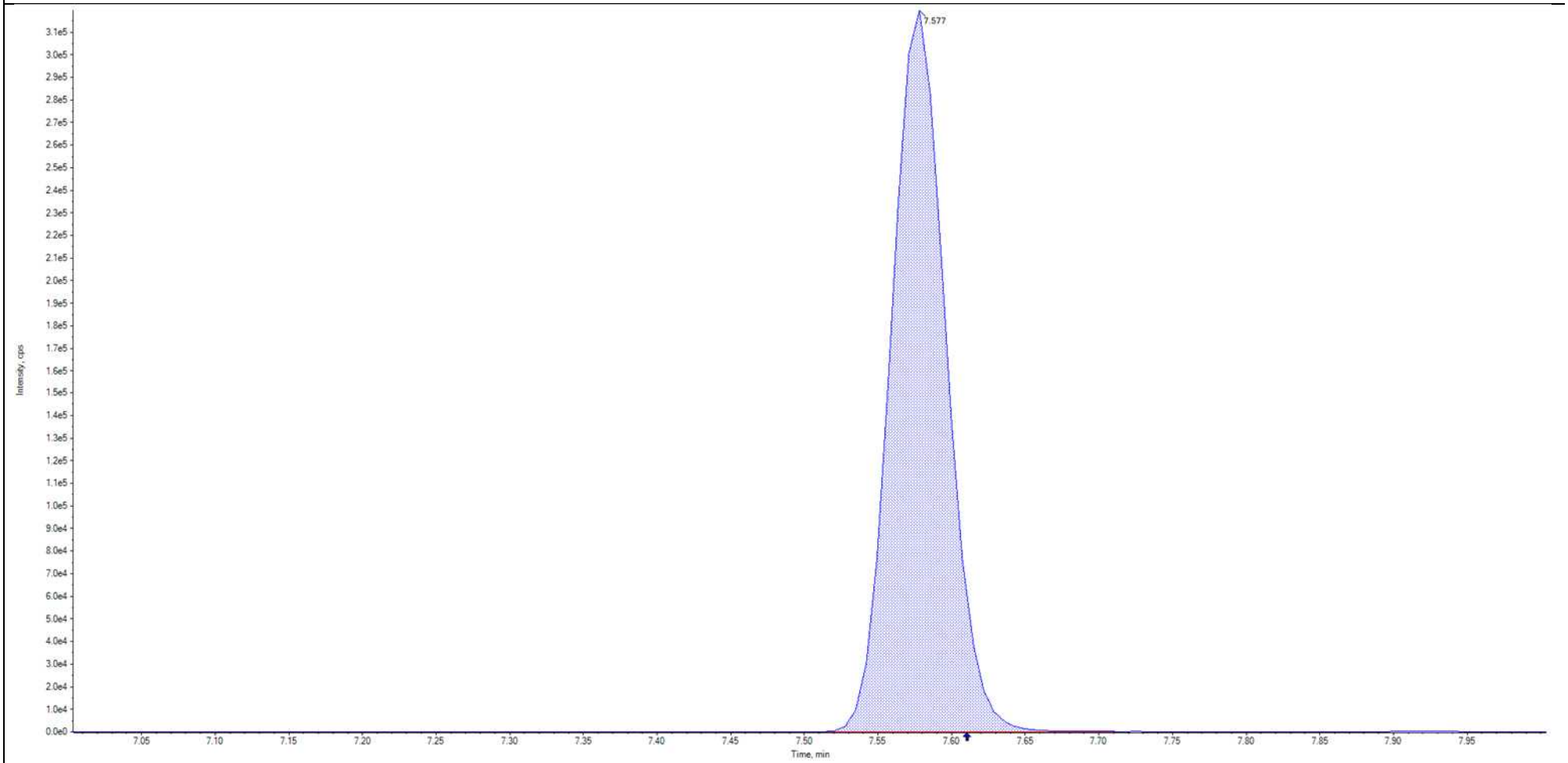


13C3-PFBS
Sample: WG1972379-10,1633MED



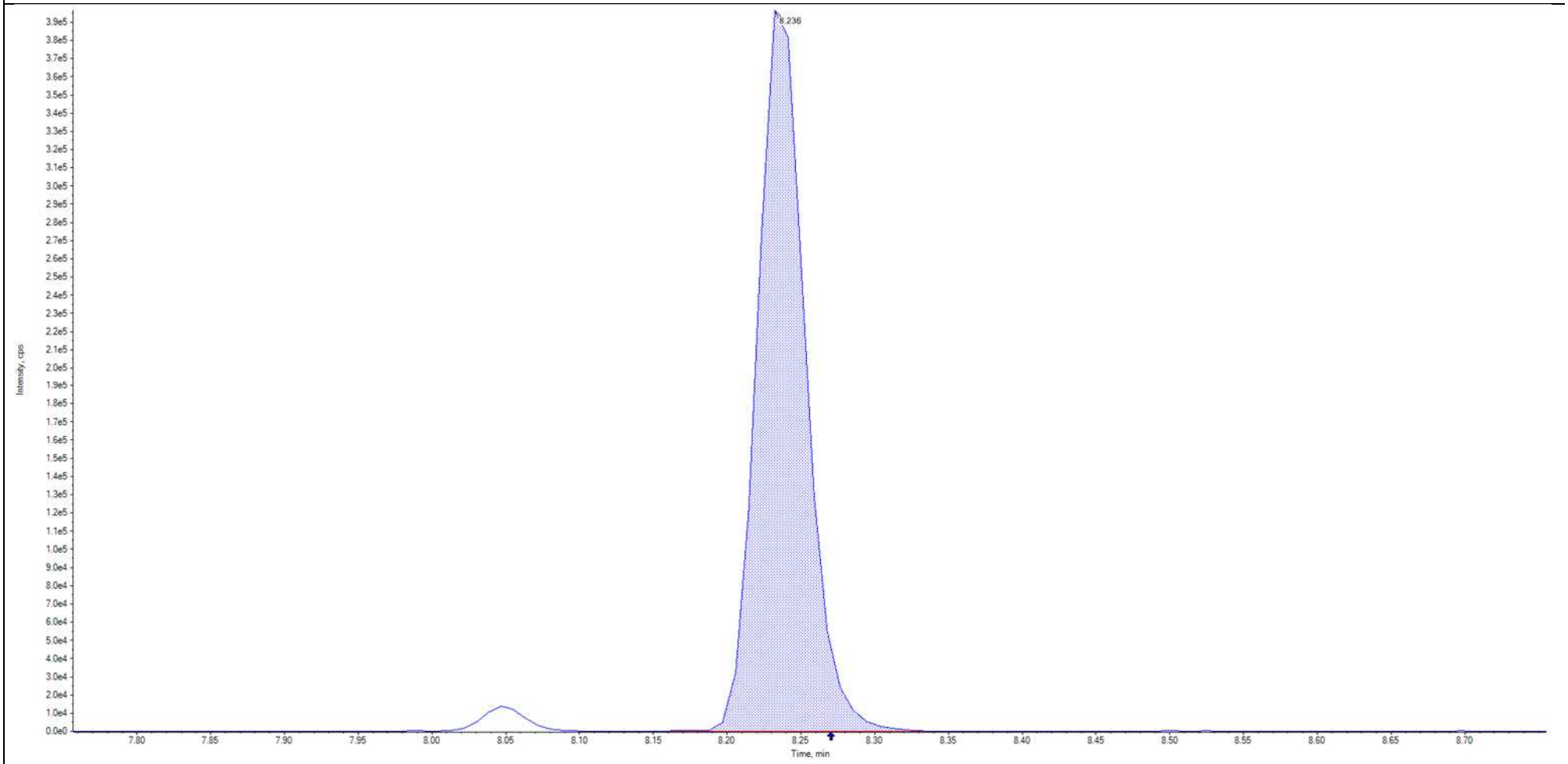
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13C3-PFHxS
Sample: WG1972379-10,1633MED



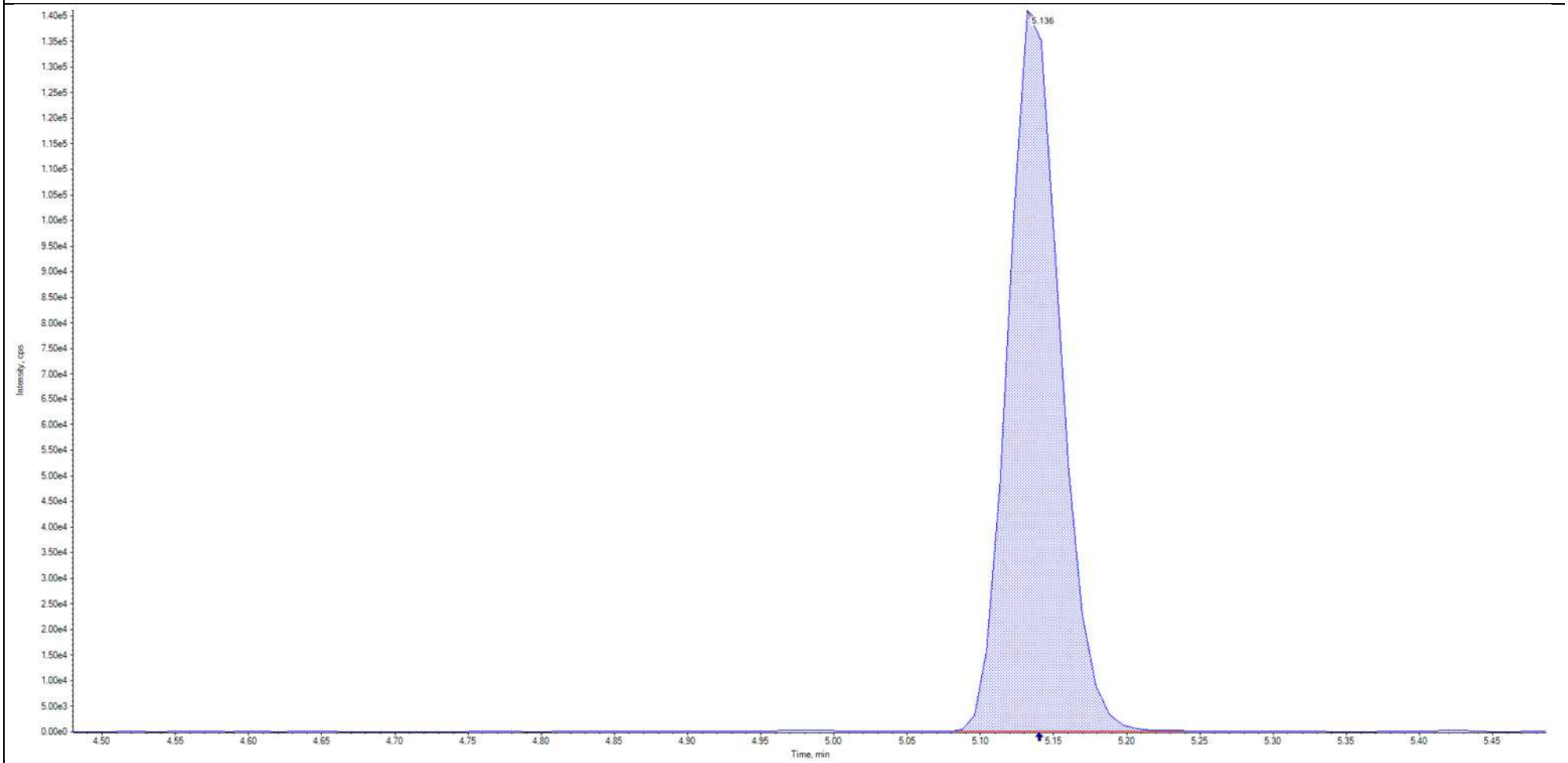
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13C8-PFOS
Sample: WG1972379-10,1633MED

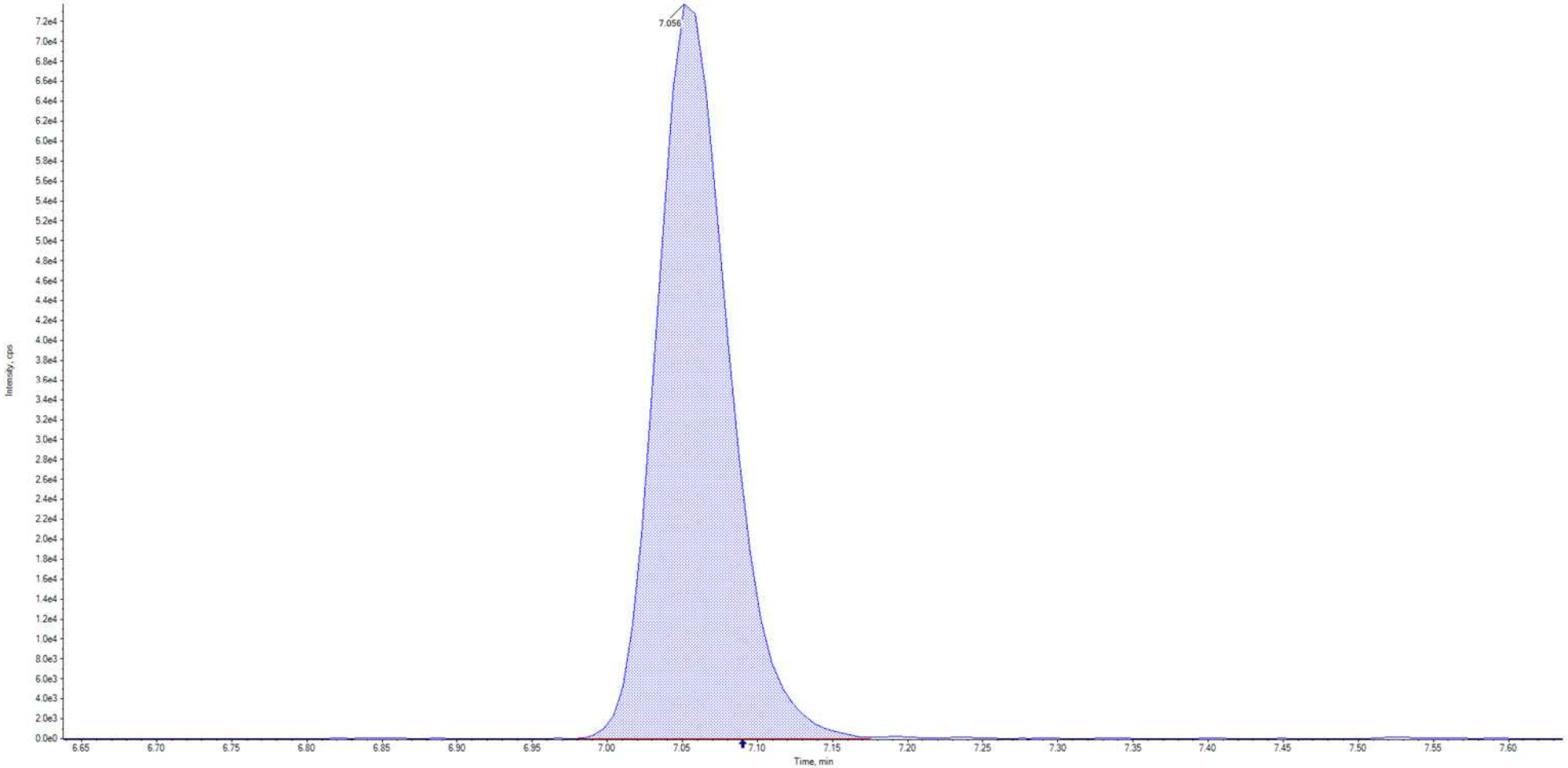


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13C2-4:2FTS
Sample: WG1972379-10,1633MED

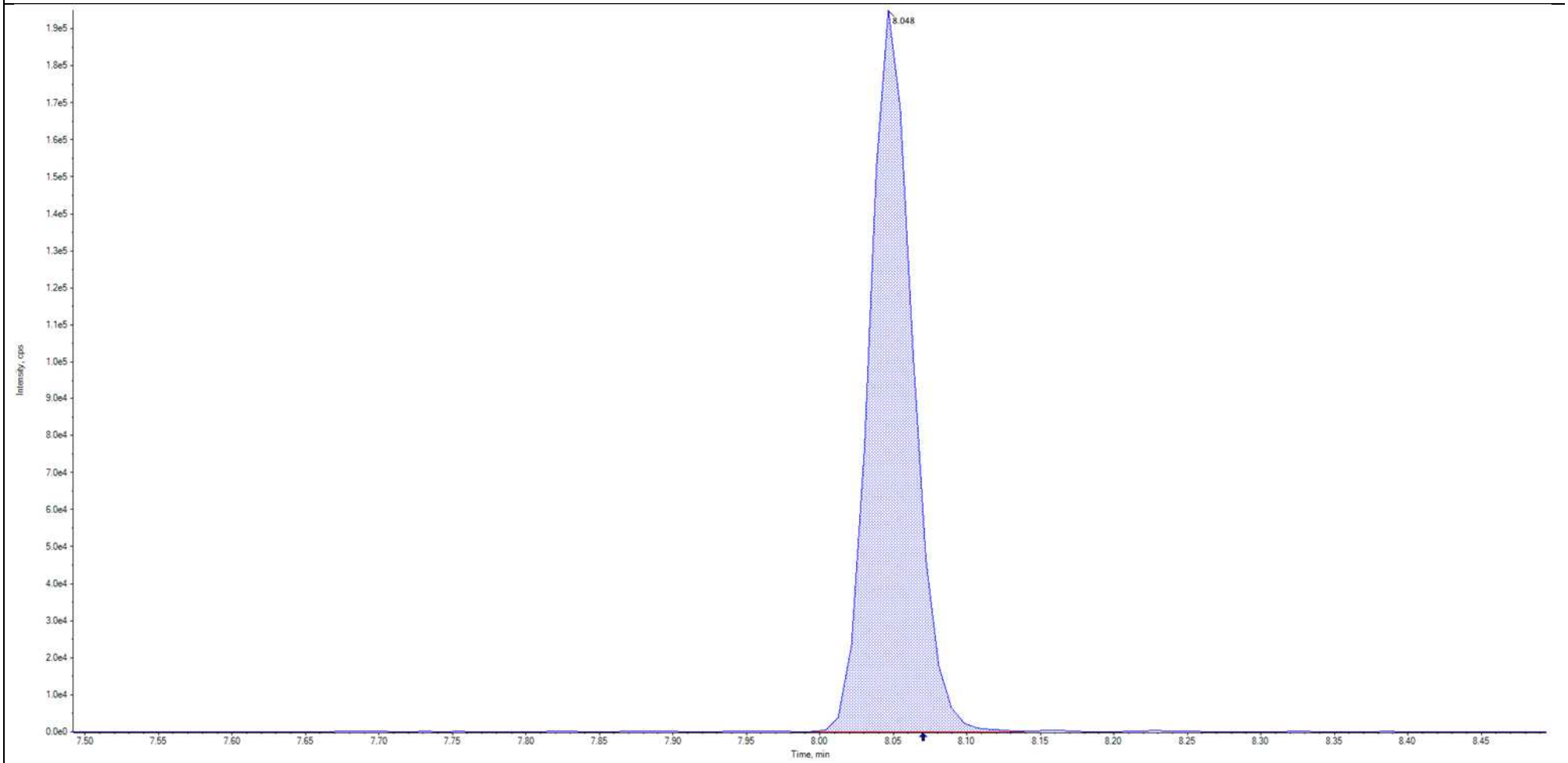


13C2-6:2FTS
Sample: WG1972379-10,1633MED



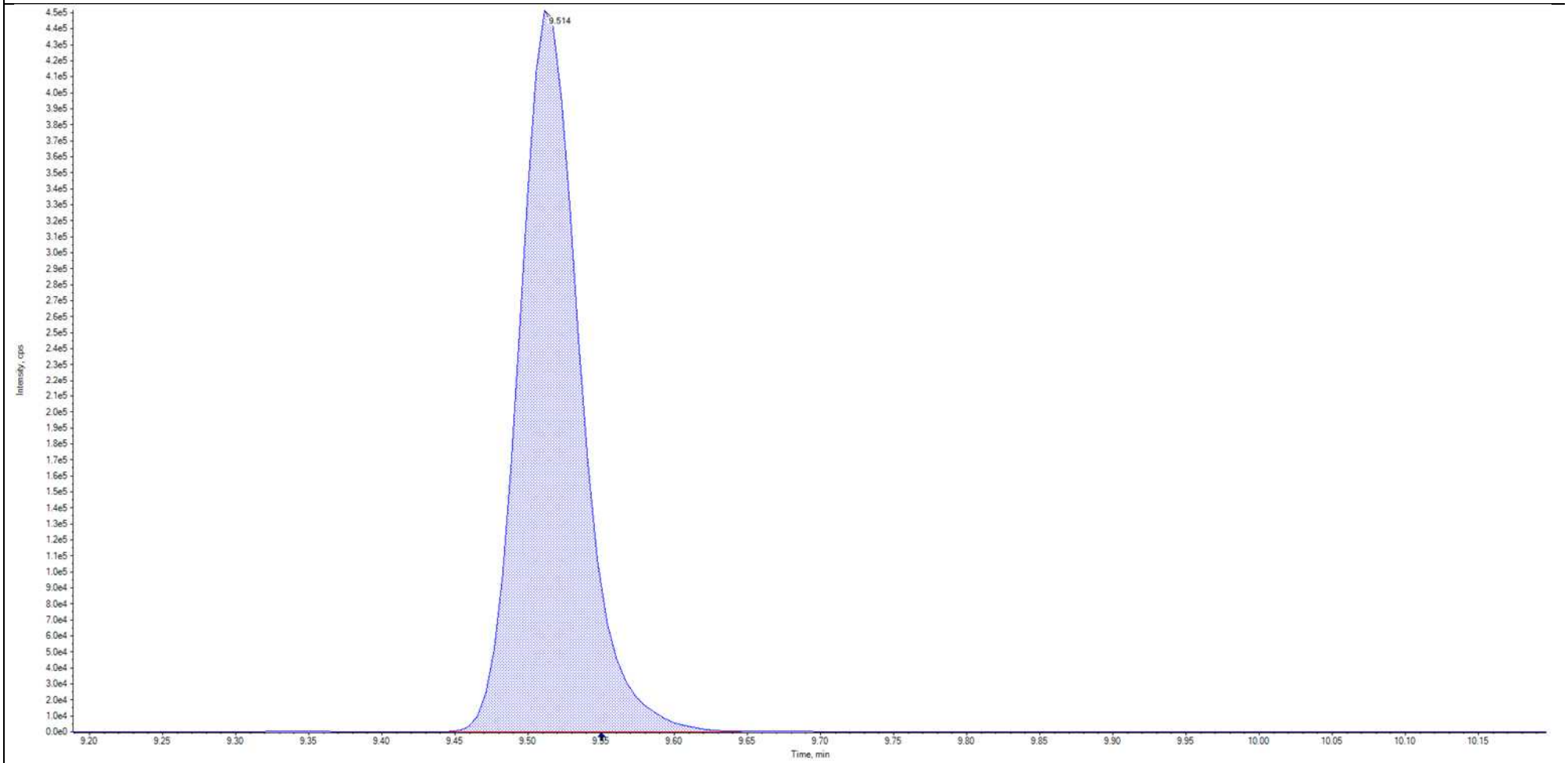
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13C2-8:2FTS
Sample: WG1972379-10,1633MED

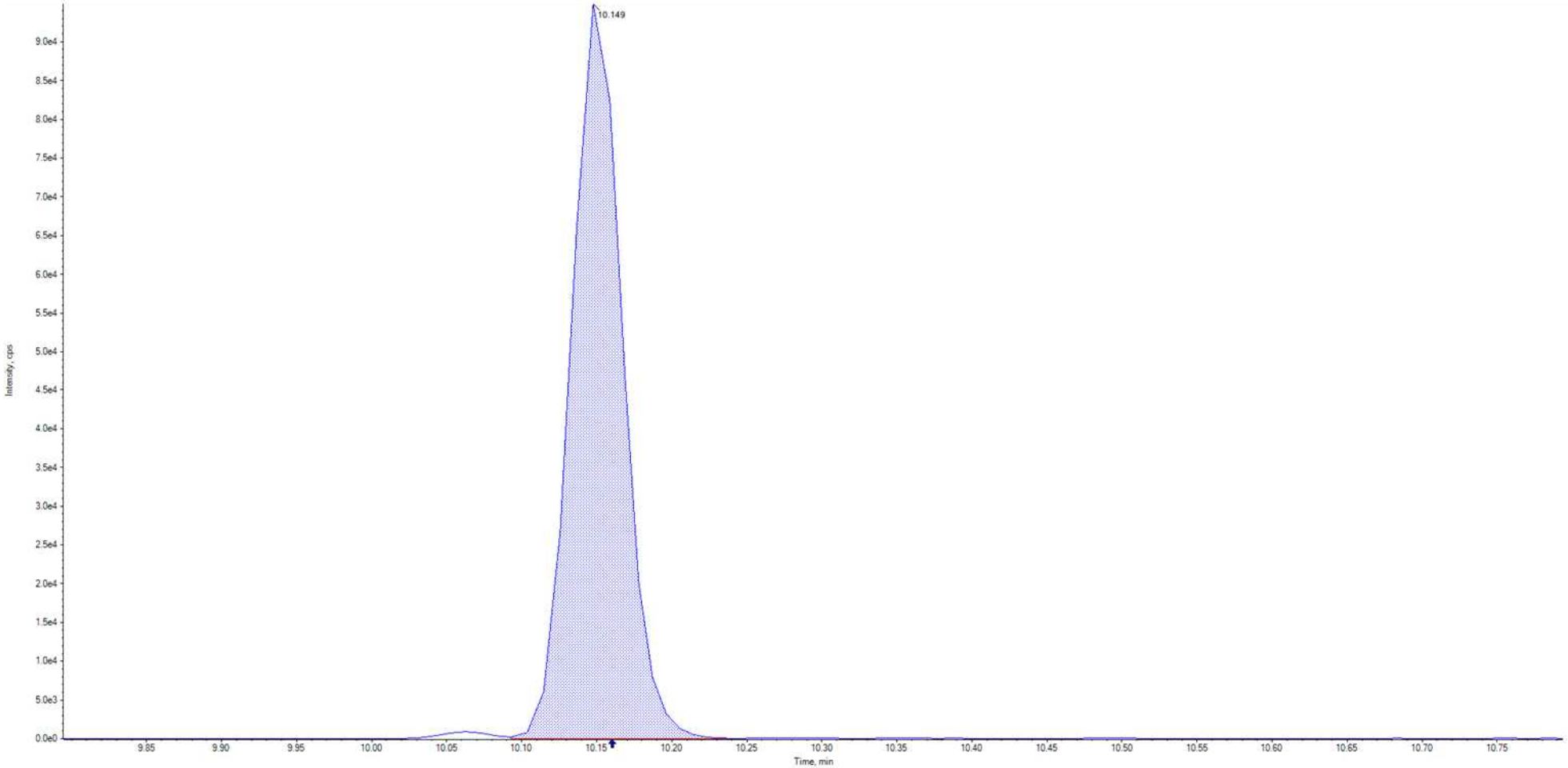


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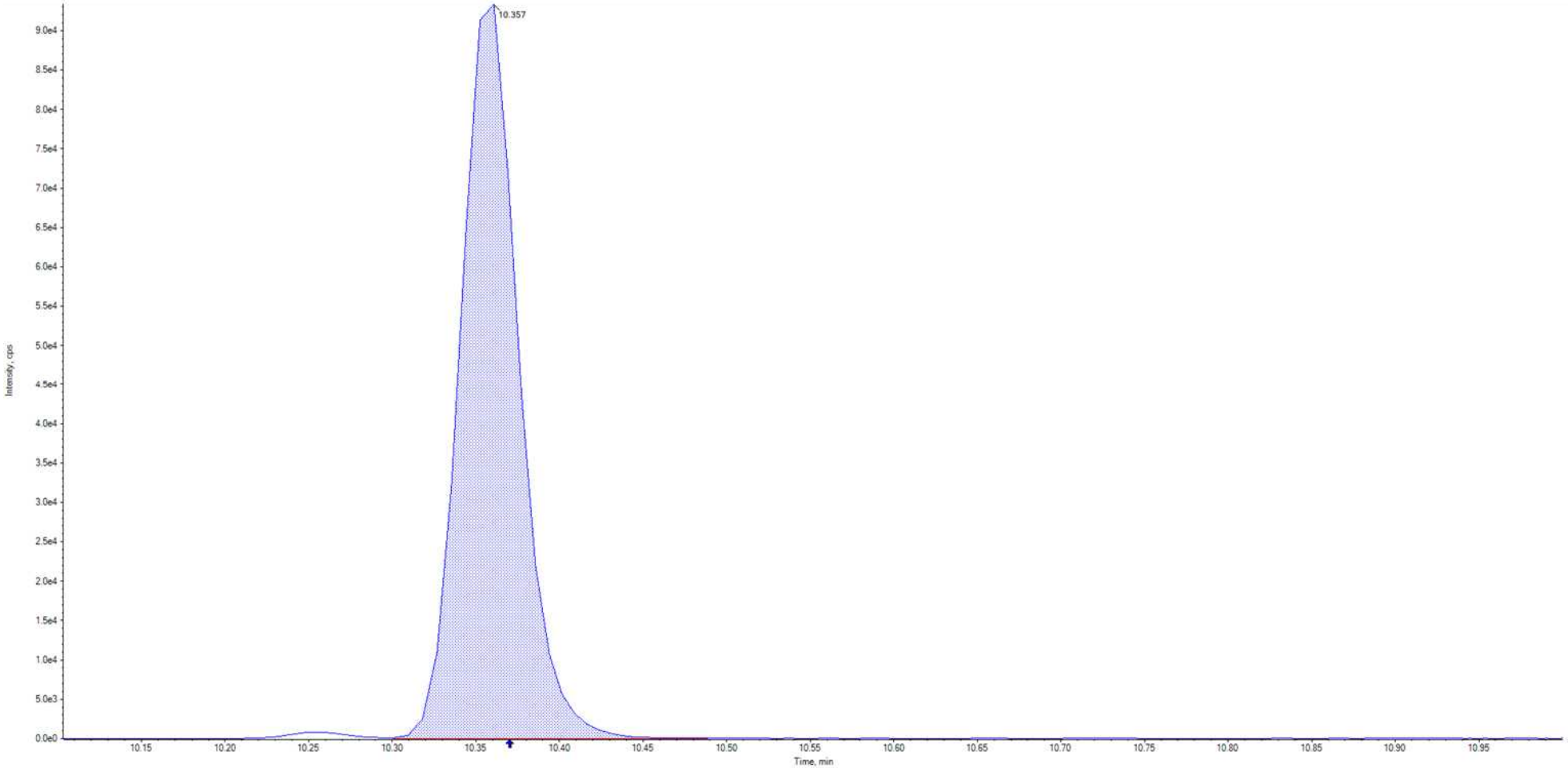
13C8-PFOSA
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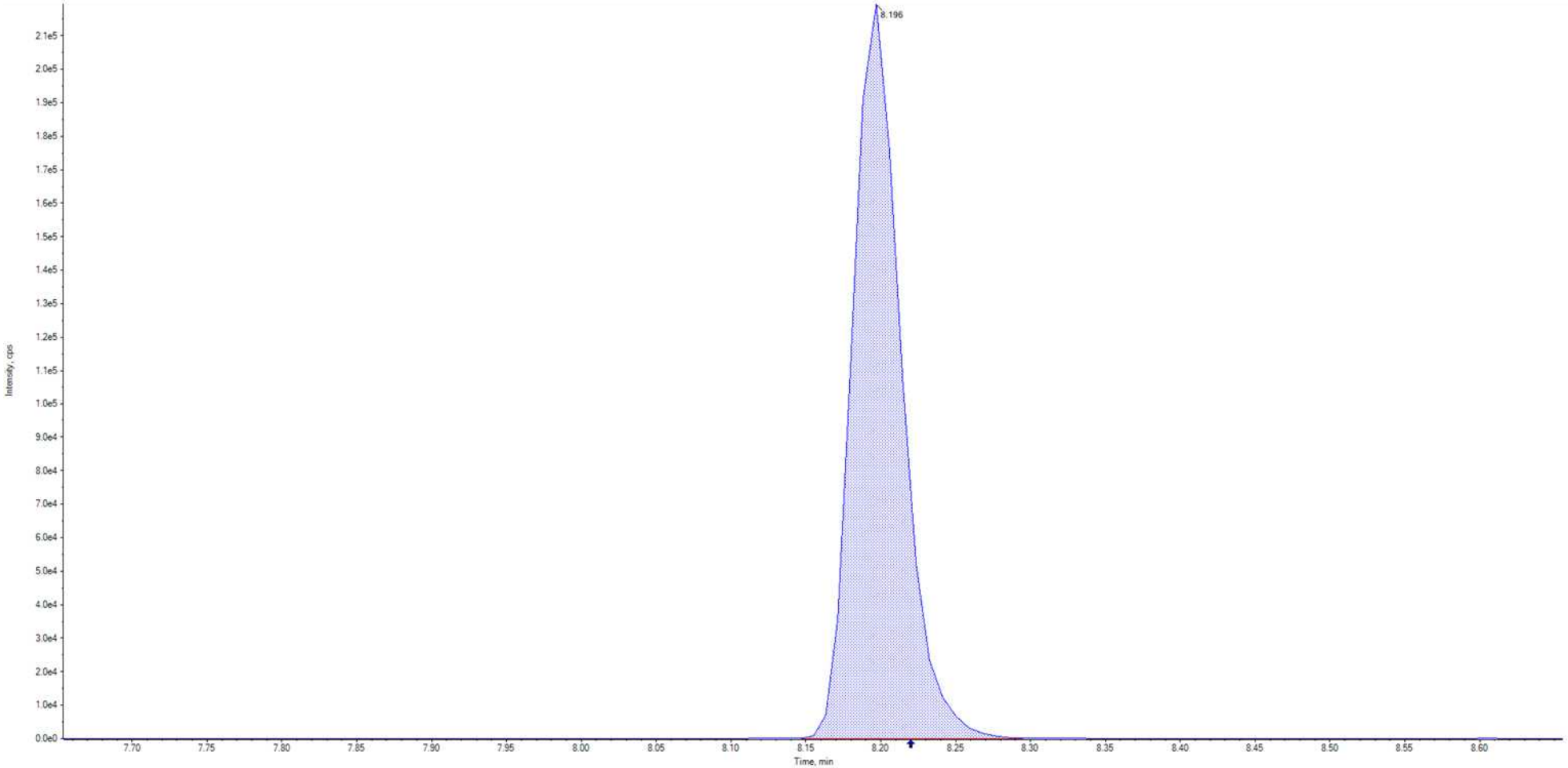
d3-NMeFOSA
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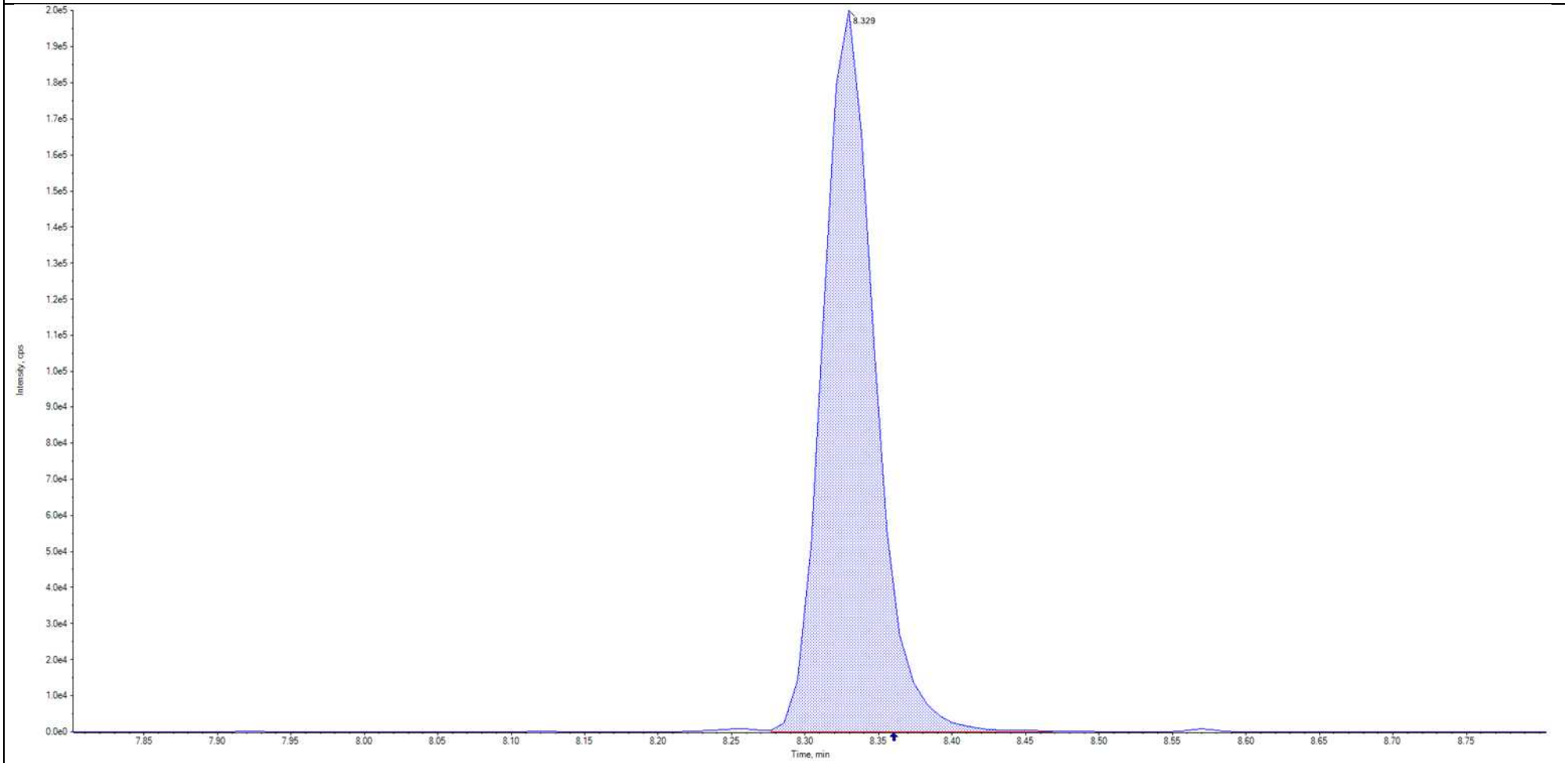
d5-NEtFOSA
Sample: WG1972379-10,1633MED



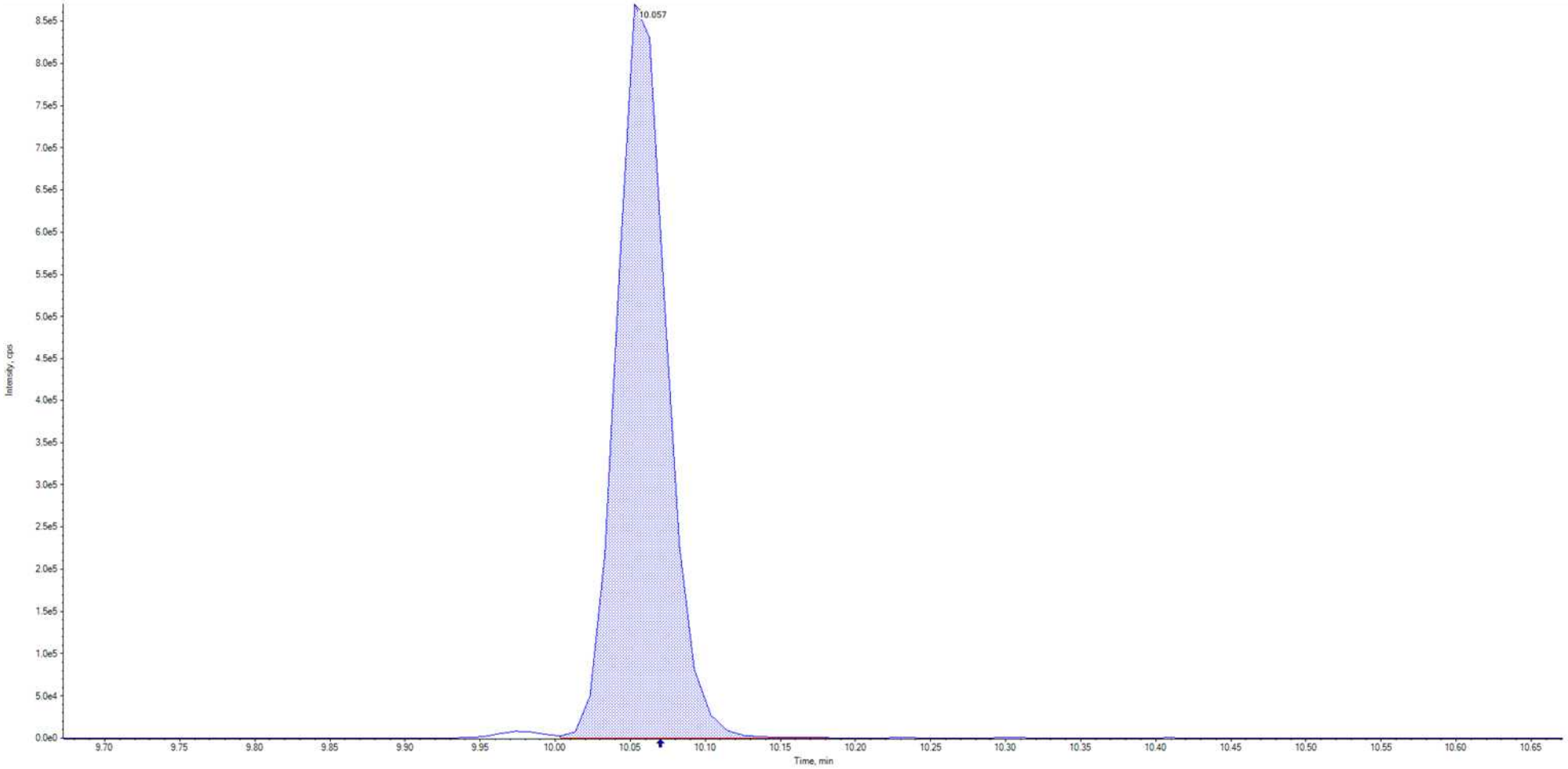
d3-NMeFOSAA
Sample: WG1972379-10,1633MED



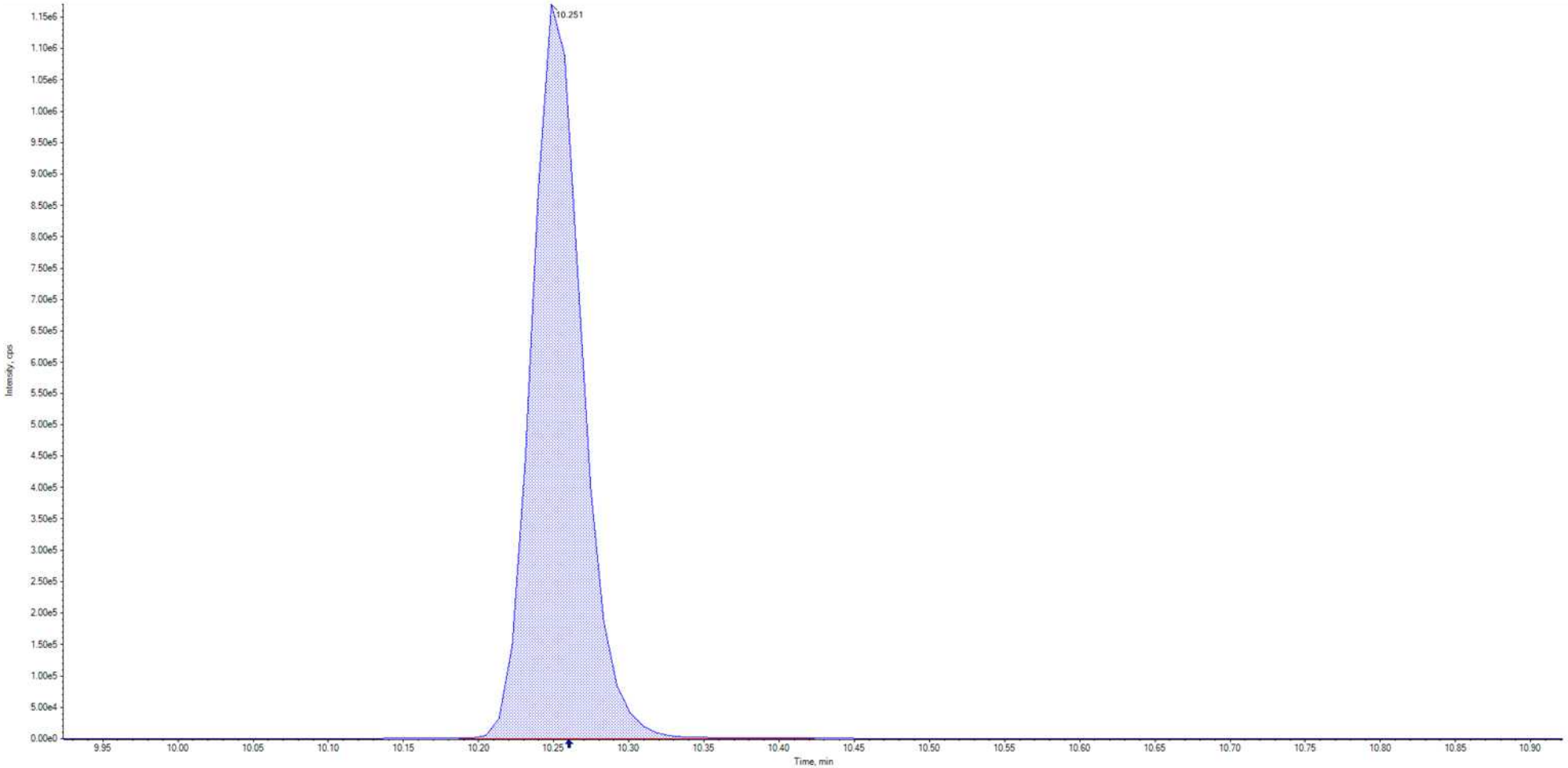
d5-NEtFOSAA
Sample: WG1972379-10,1633MED



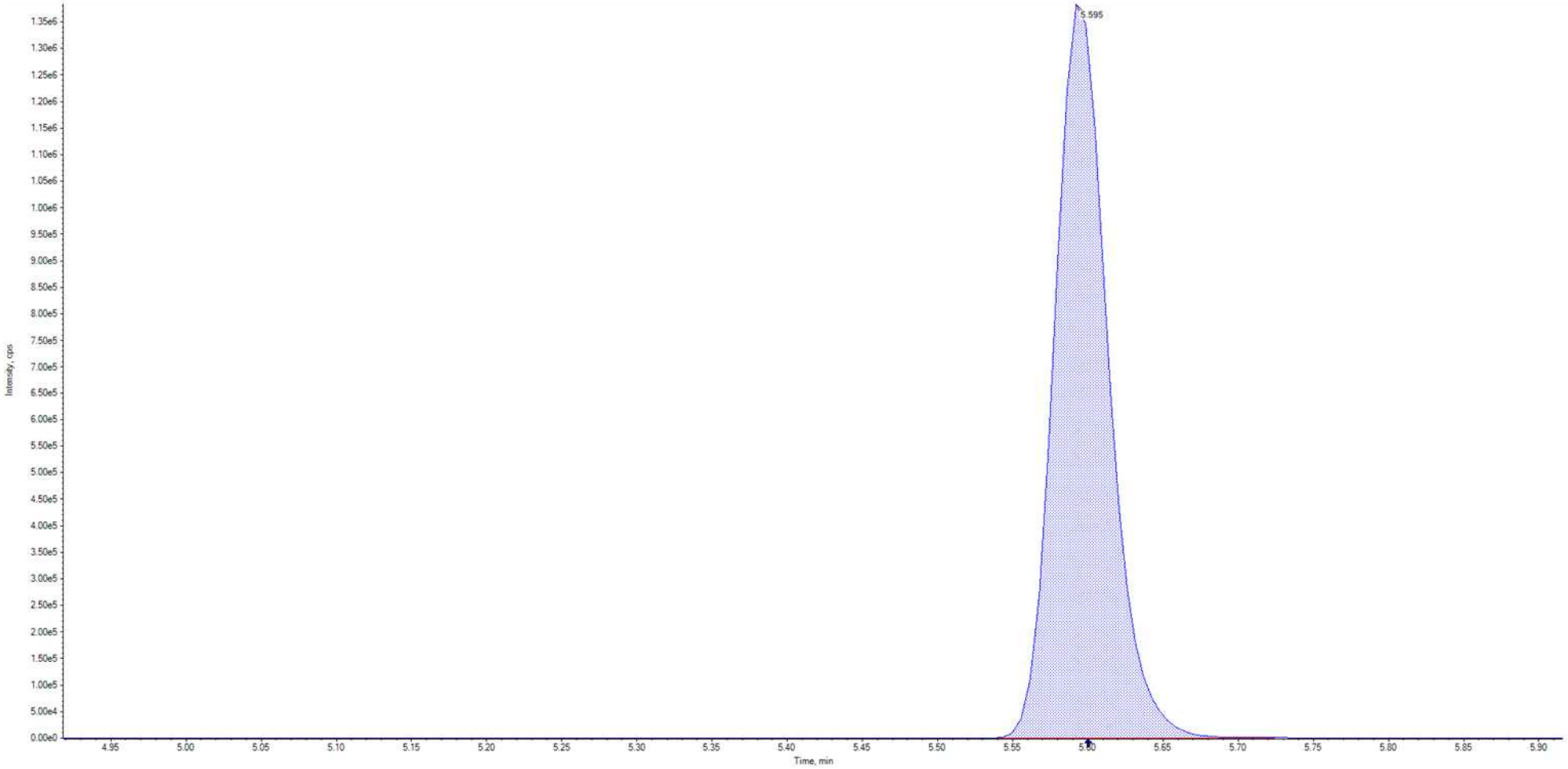
d7-NMeFOSE
Sample: WG1972379-10,1633MED



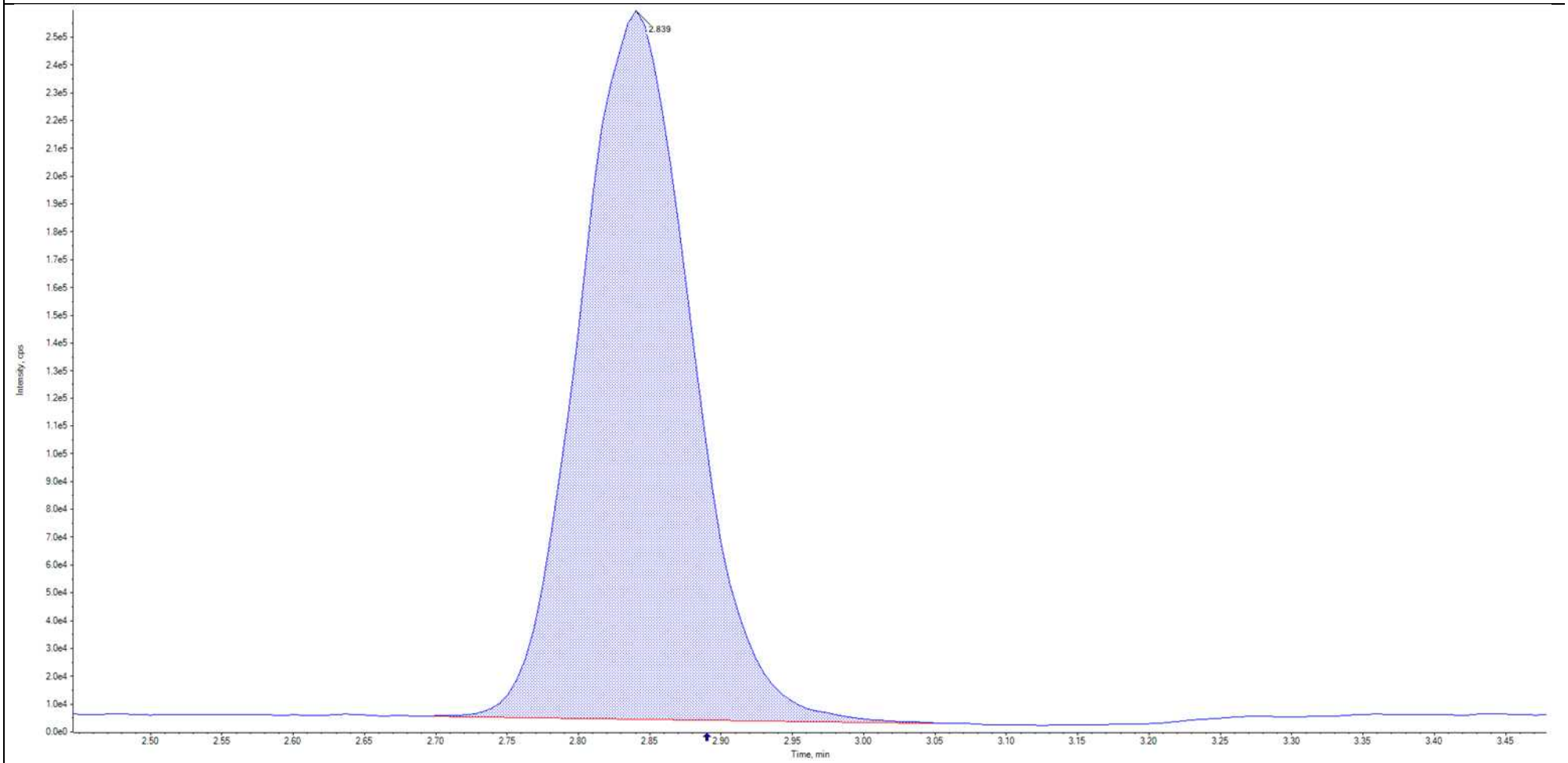
d9-NEtFOSE
Sample: WG1972379-10,1633MED



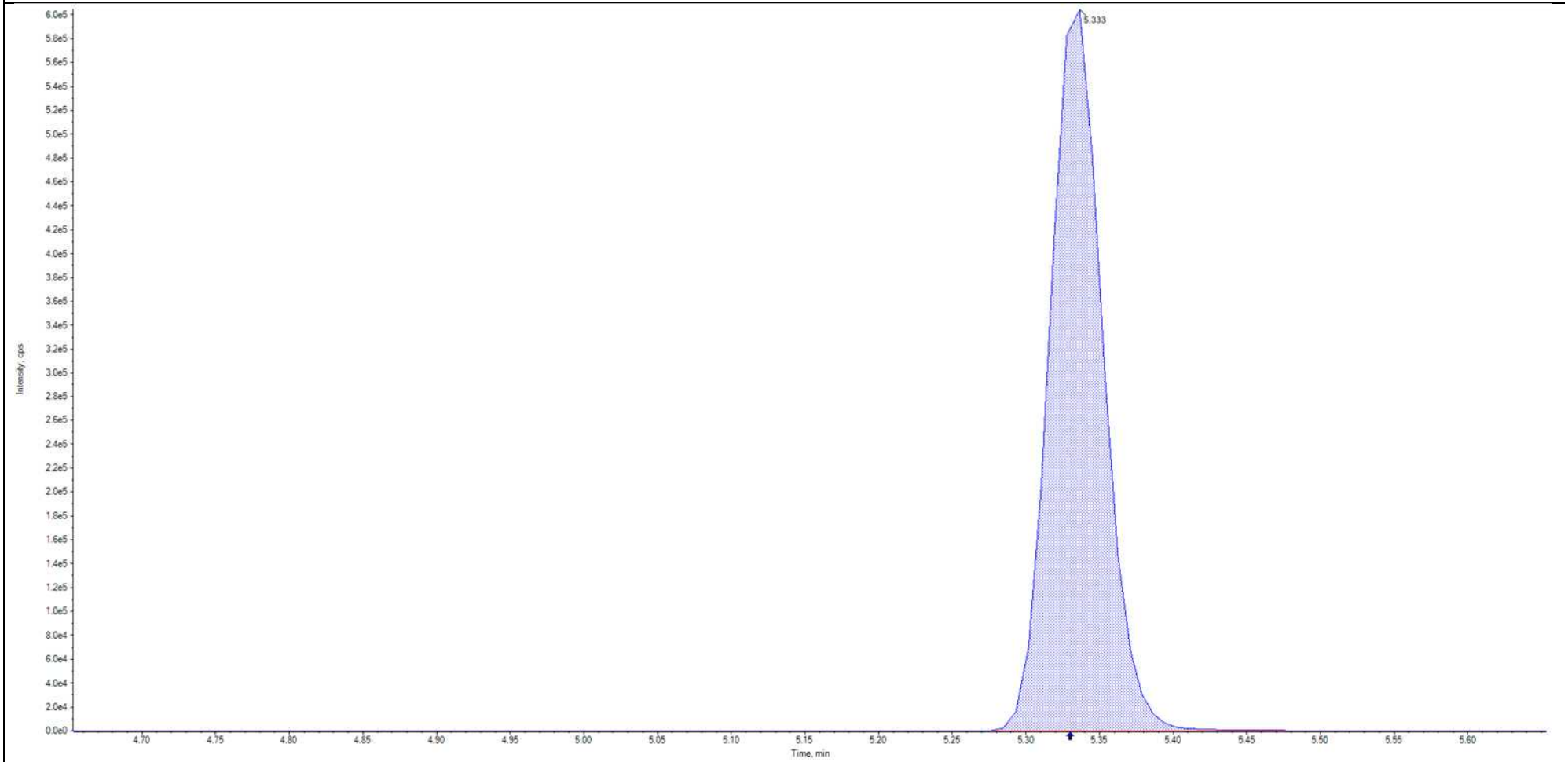
13C3-HFPO-DA
Sample: WG1972379-10,1633MED



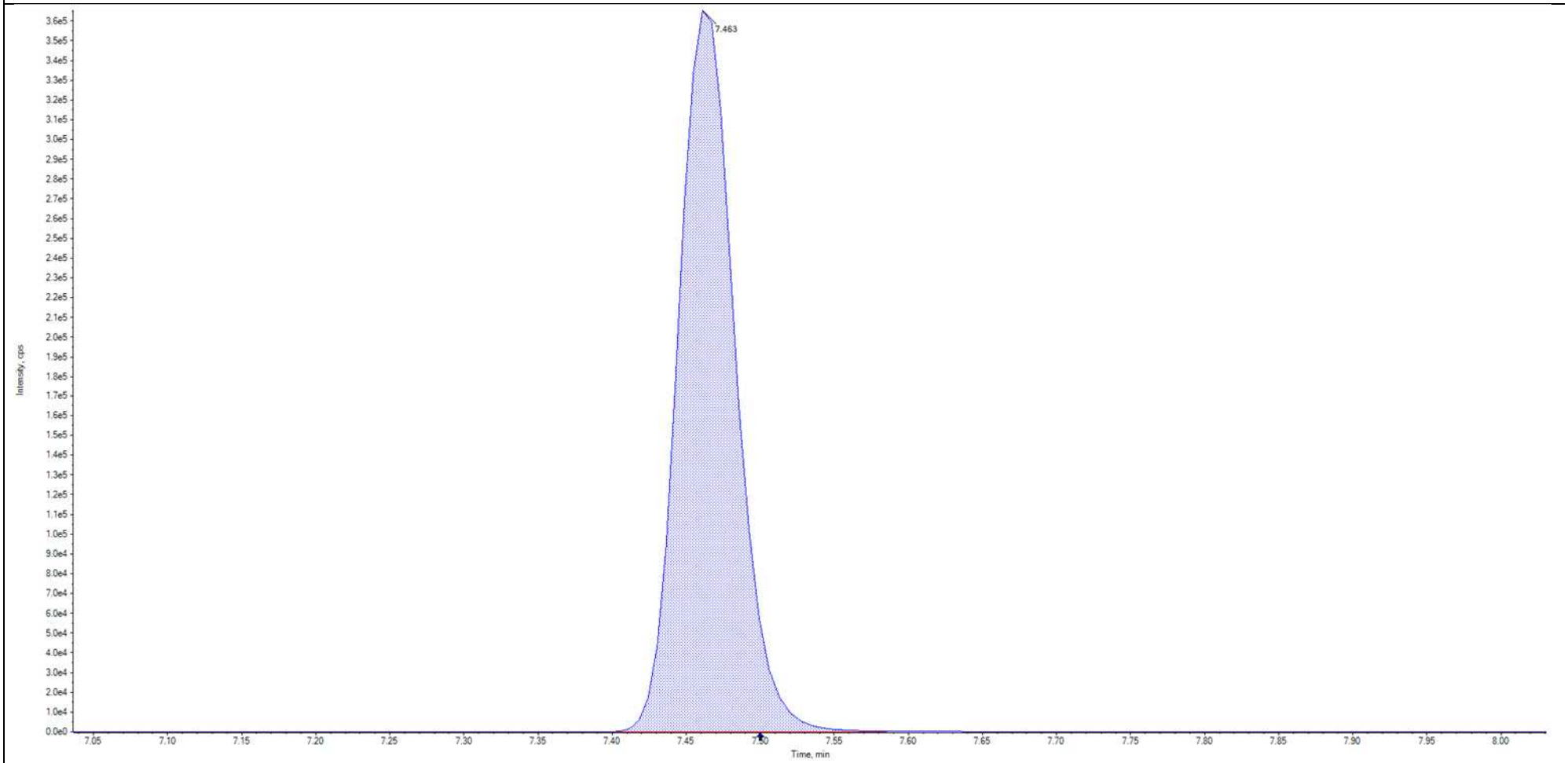
13C3-PFBA
Sample: WG1972379-10,1633MED



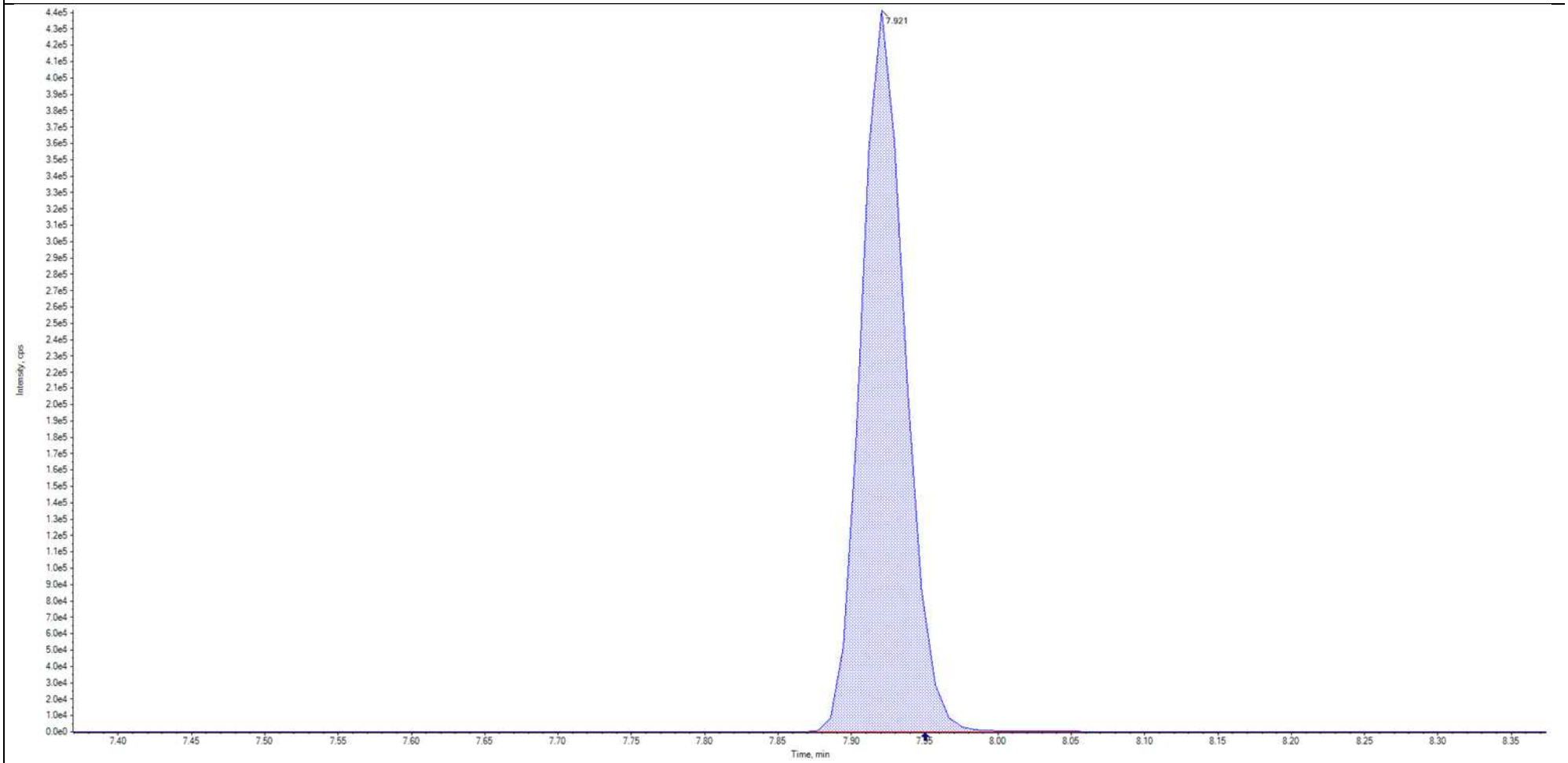
13C2-PFHxA
Sample: WG1972379-10,1633MED



13C4-PFOA
Sample: WG1972379-10,1633MED

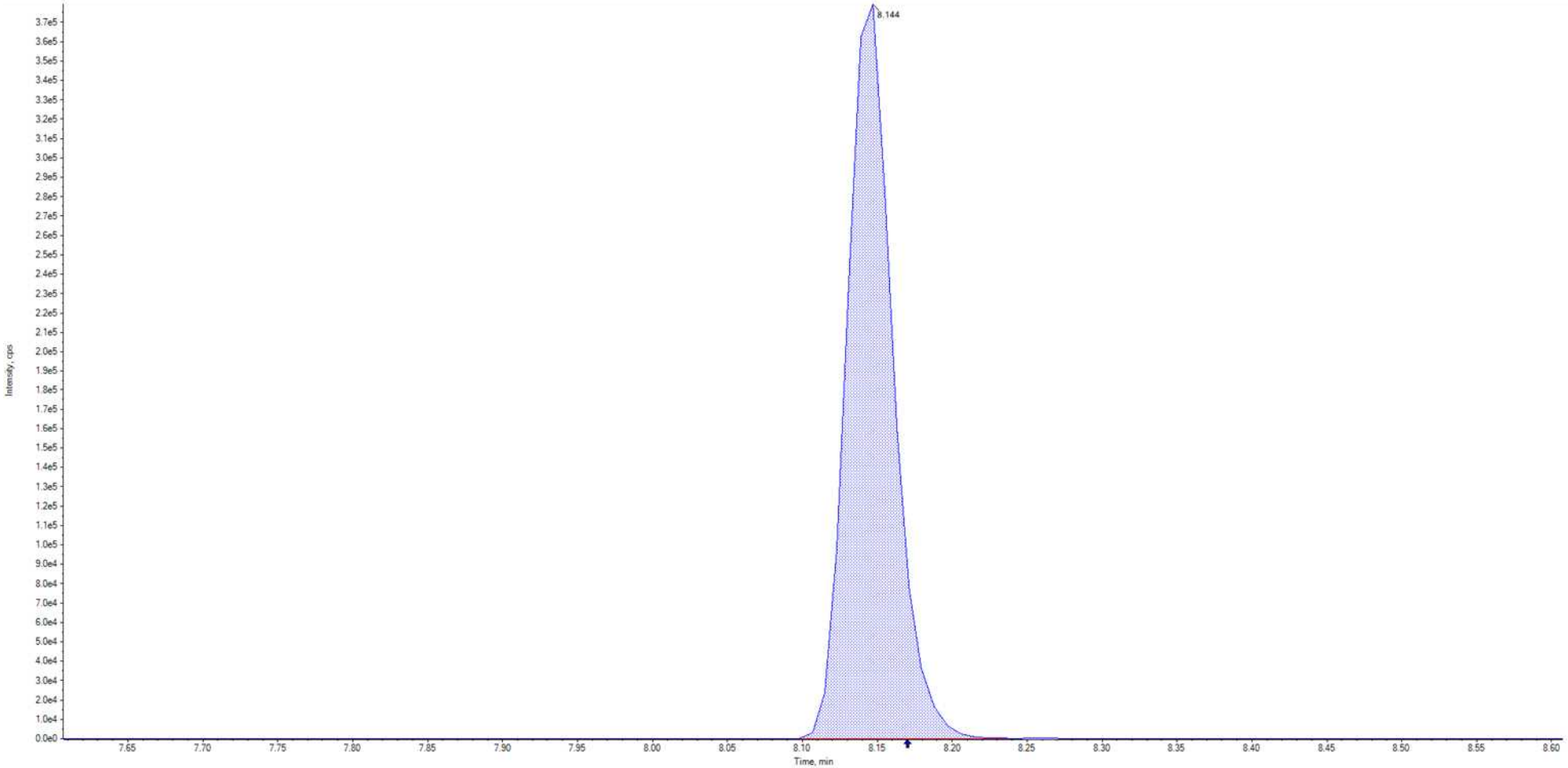


13C5-PFNA
Sample: WG1972379-10,1633MED



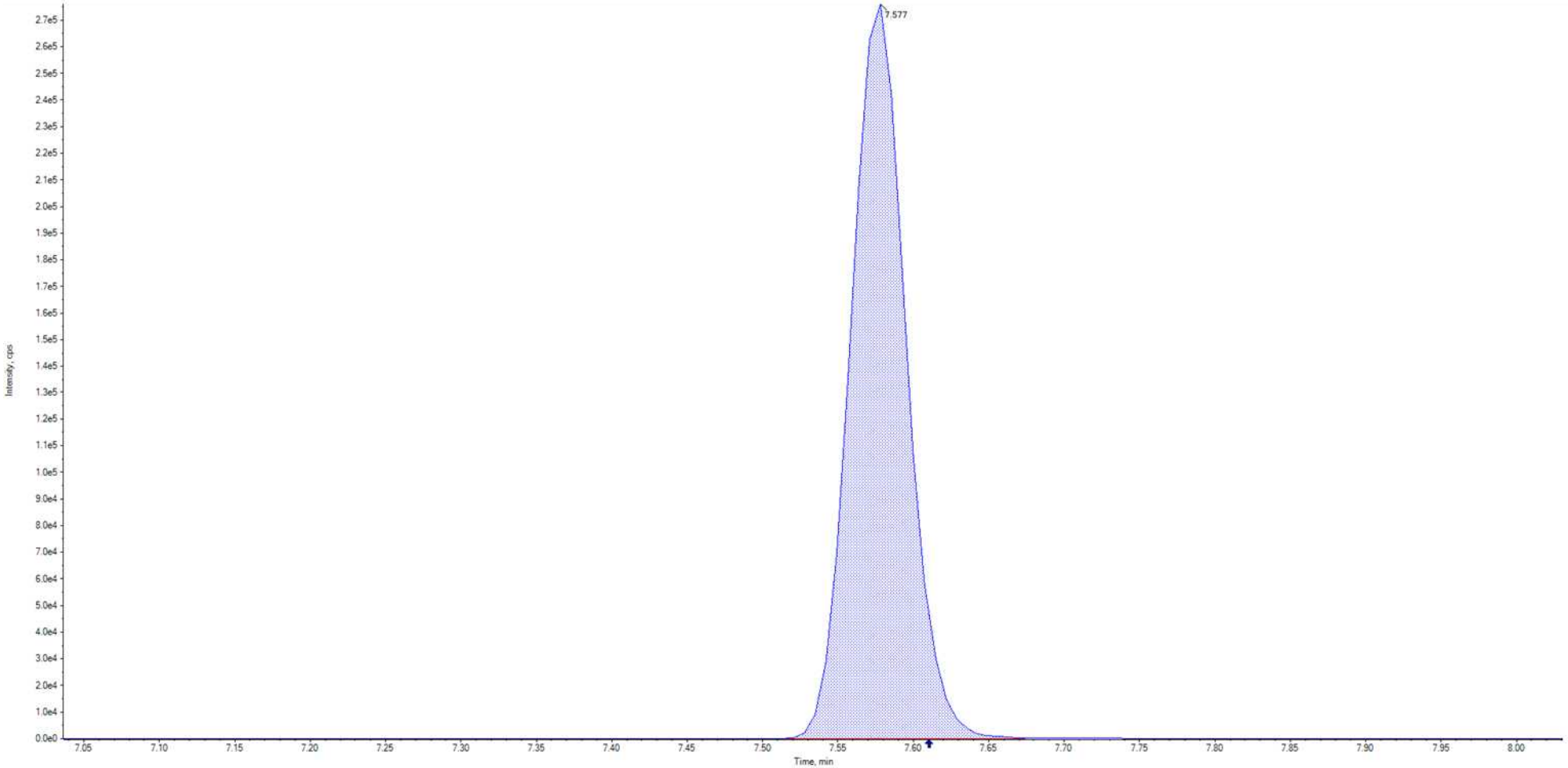
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13C2-PFDA
Sample: WG1972379-10,1633MED



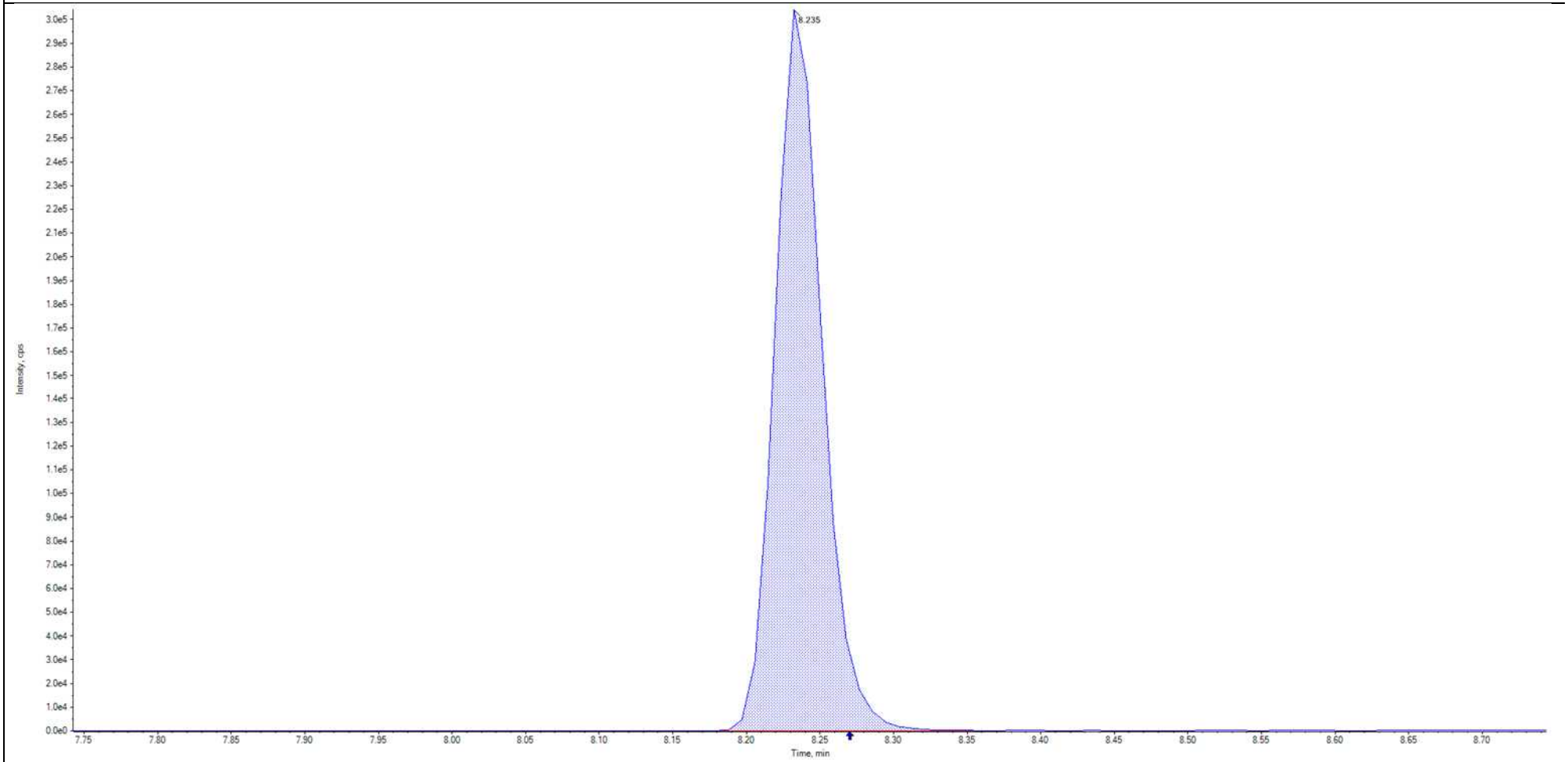
Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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18O2-PFHxS
Sample: WG1972379-10,1633MED



Quantify Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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Generated: 9/17/2024 11:31:06 AM

13C4-PFOS
Sample: WG1972379-10,1633MED



Quantity Sample Summary Report SCIEX OS Version 3.0.0.3339
Alpha Analytical Inc.
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