Search for ClPFPECA Degradation Products in NJ Soil Cores

JWW 20200127

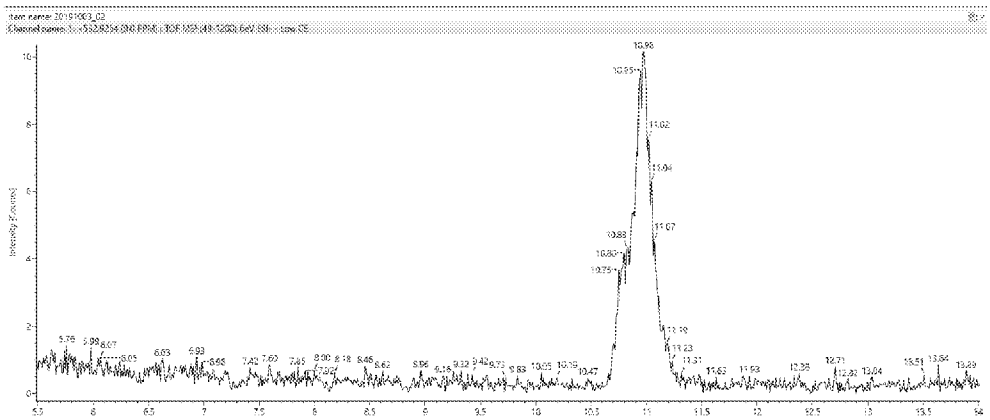
1122	NJ_SS_rerun_20191009_PFAS Neg MSe_NR low		Analysis	NJ_SS_rerun_20191009_PFAS Neg MSe_NR low	3	Oct 09, 2019
1041	191003_NJ SS17_23_24_PFAS Neg MSe	NJ soil SS samples 17, 23, 24	Analysis	191003_NJ SS17_23_24_PFAS Neg MSe	3	Oct 09, 2019
1159	NJ_Veg_rerun_20191009_PFAS Neg MSe		Analysis	NJ_veg_rerun_20191009_PFAS Neg MSe	2	Oct 10, 2019
1079	Testing 2_20191008_PFAS Neg MSe		Analysis	Testing 2_20191008_PFAS Neg MSe	3	Oct 09, 2019
1091	Test_3_20191008_PFAS Neg MSe		Analysis	Test_3_20191008_PFAS Neg MSe	2	Oct 09, 2019
1072	Test_Mass Accuracy_20191008_PFAS Neg MSe		Analysis	Test_Mass Accuracy_20191008_PFAS Neg MSe	2	Oct 10, 2019
1105	Test_4_20191009_PFAS Neg MSe	Active noise reduction = med note: keep an eye on real time look m...	Analysis	Test_4_20191009_PFAS Neg MSe	2	Oct 09, 2019
1011	191003_NJ SC PFAS Neg MSe Oct 03, 2019 15:03:52 Eastern Daylight Time	NJ SC soil	Analysis	191003_NJ SC PFAS Neg MSe Oct 03, 2019 15:03:12 Eastern Daylight Time	3	Oct 09, 2019
1024	191003_SC1_2_17_PFAS Neg MSe Oct 03, 2019 16:25:21 Eastern Daylight Time	More NJ SC samples 1, 2, 17	Analysis	191003_SC1_2_17_PFAS Neg MSe Oct 03, 2019 16:25:21 Eastern Daylight Ti...	2	Oct 09, 2019
1148	NJ_SC_rerun_20191009_PFAS Neg MSe		Analysis	NJ_SC_rerun_20191009_PFAS Neg MSe	2	Oct 10, 2019
1057	191003_NJ Veg_PFAS Neg MSe	NJ vegetation samples	Analysis	191003_NJ Veg_PFAS Neg MSe	2	Oct 07, 2019
1111	NJ_20191009_PFAS Neg MSe_NR low	Active noise reduction=low	Analysis Method	NJ_20191009_PFAS Neg MSe_NR low	3	Oct 09, 2019

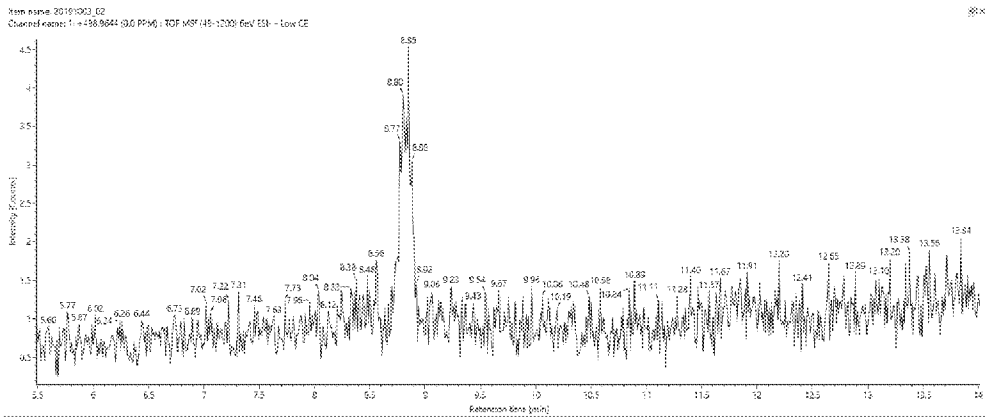
Run: 191003 NJ SC PFAS Neg MSe:

Sample 20191003_02 SC 8.1

ClPFPECAs possibly detected: 0,2; 1,1; 0,1 only

HPFPECAs possibly detected: 0,2 only



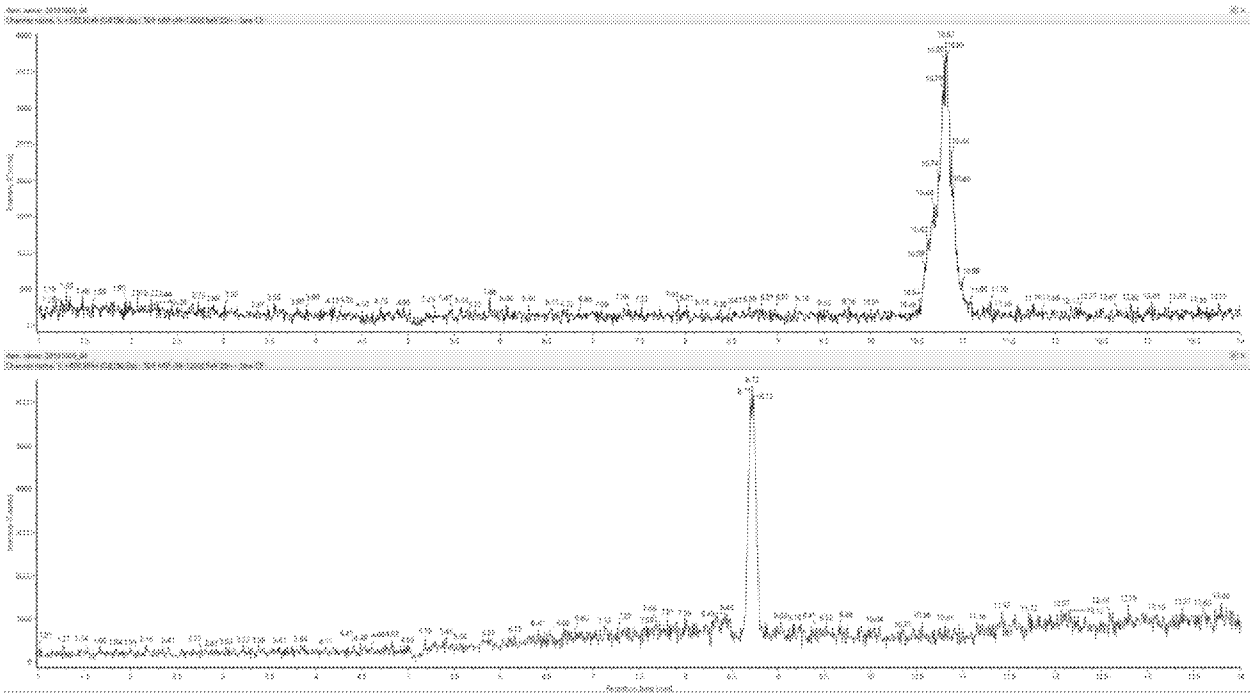


Run: NJ SC rerun 20191009 PFAS Neg MSe:

Sample 8.1

ClPFPECAs possibly detected: 0,2; 1,1; 0,1

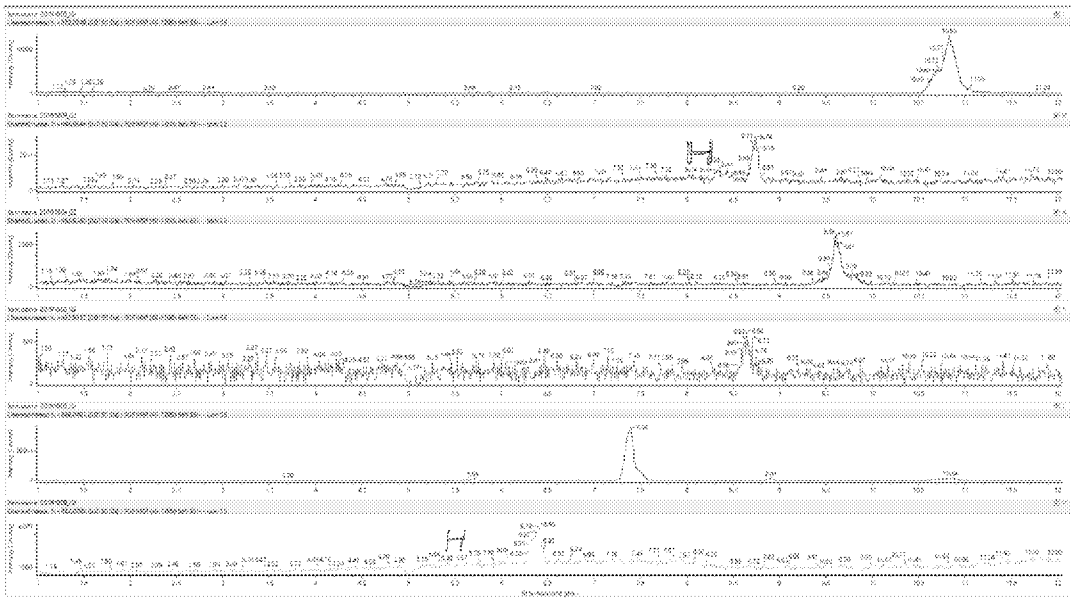
HPFPECAs possibly detected: 0,2



Sample 1.1

ClPFPECAs possibly detected: 0,2; 1,1; 2,0?; 0,1

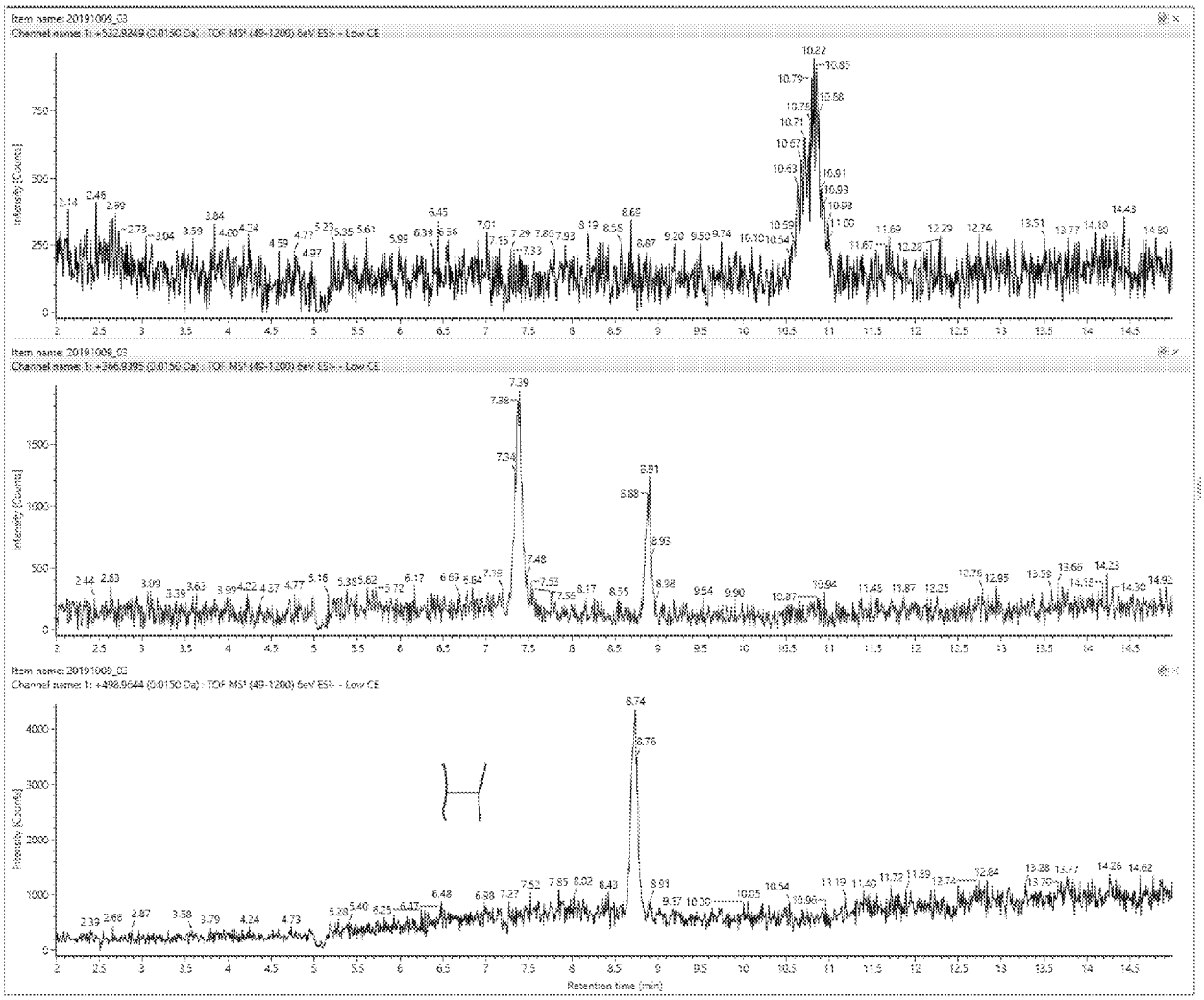
HPFPECAs possibly detected: 0,2; 0,1



Sample 2.1

ClPFPECAs possibly detected: 0,2; 0,1

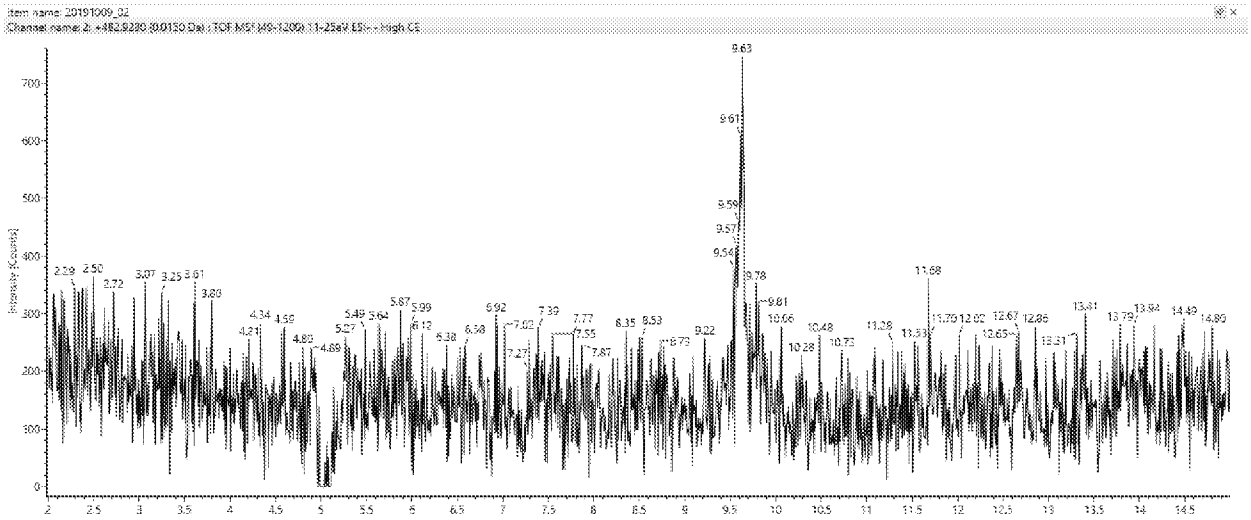
HPFPECAs possibly detected: 0,2; 0,1

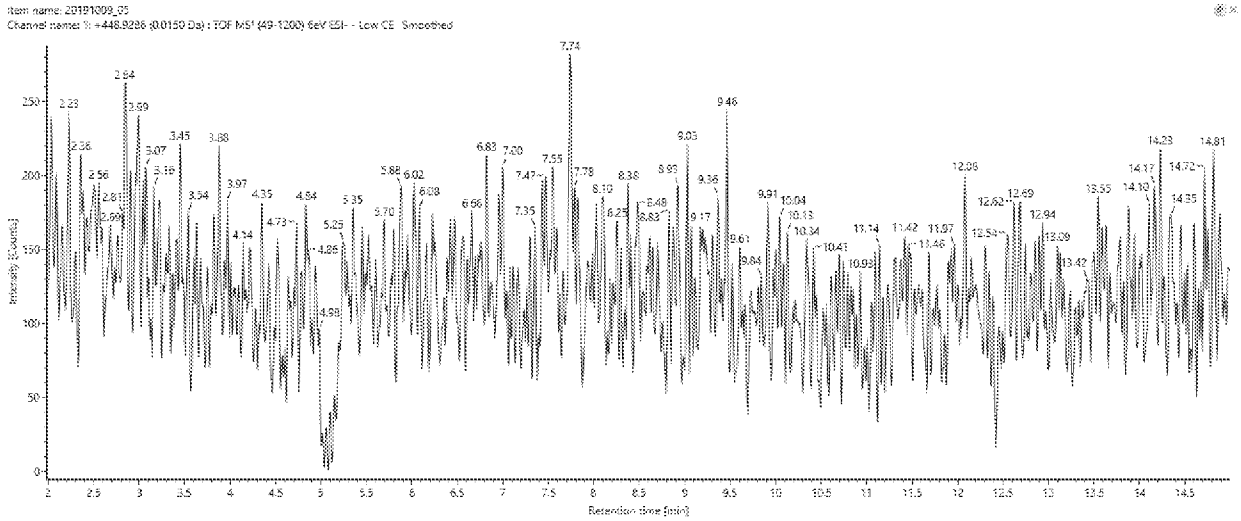


Sample 17.1

ClPFPECAs possibly detected: 0,2; 1,1

HPFPECAs possibly detected: 1,1



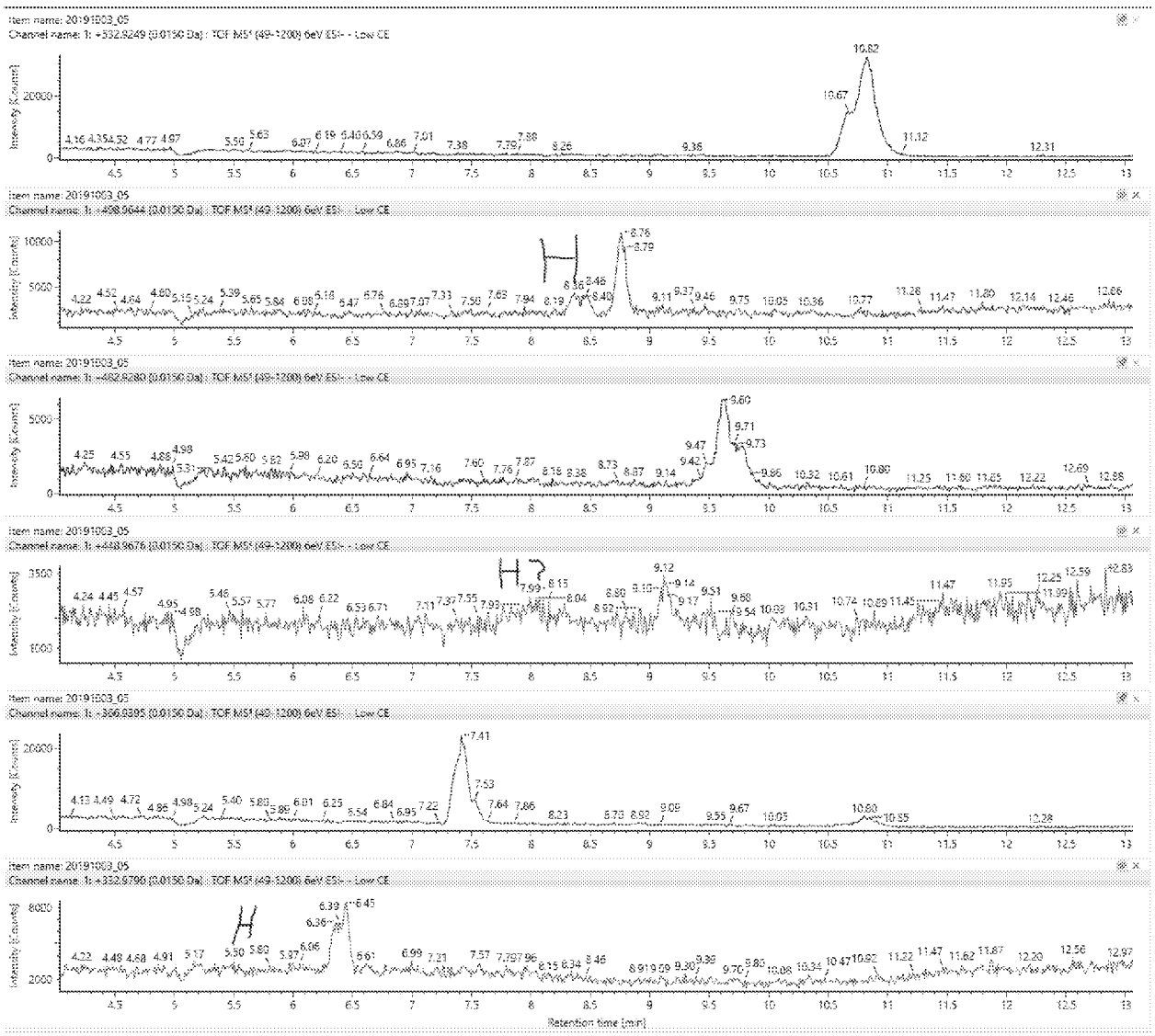


Run: 191003 SC 1 2 17 PFAS Neg MSe:

Sample 1.1

ClPFPECAs possibly detected: 0,2; 1,1; 0,1

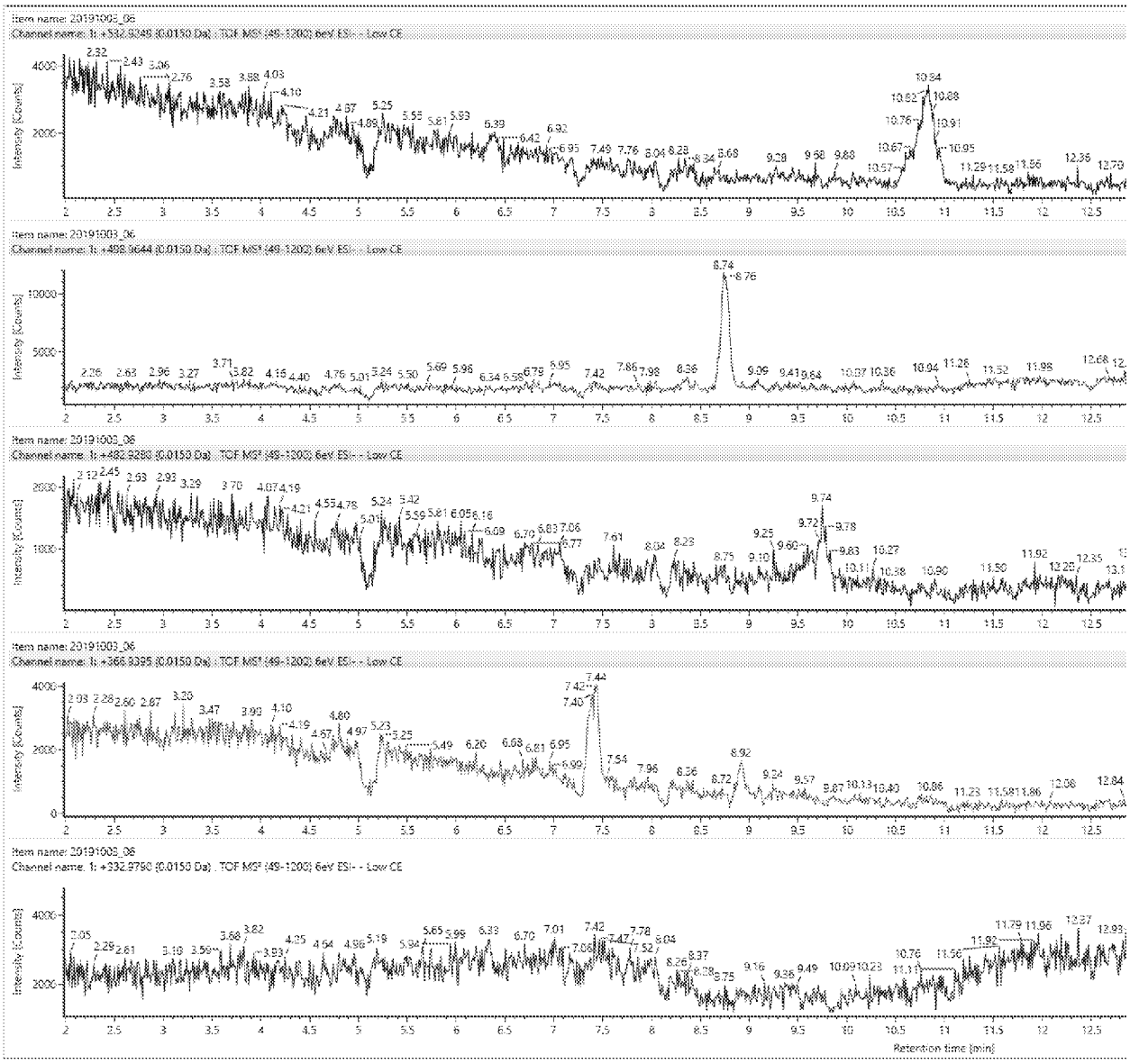
HPFPECAs possibly detected: 0,2; 1,1?; 0,1



Sample 2.1

ClPFPECAs possibly detected: 0,2; 1,1; 0,1

HPFPECAs possibly detected: 0,2;



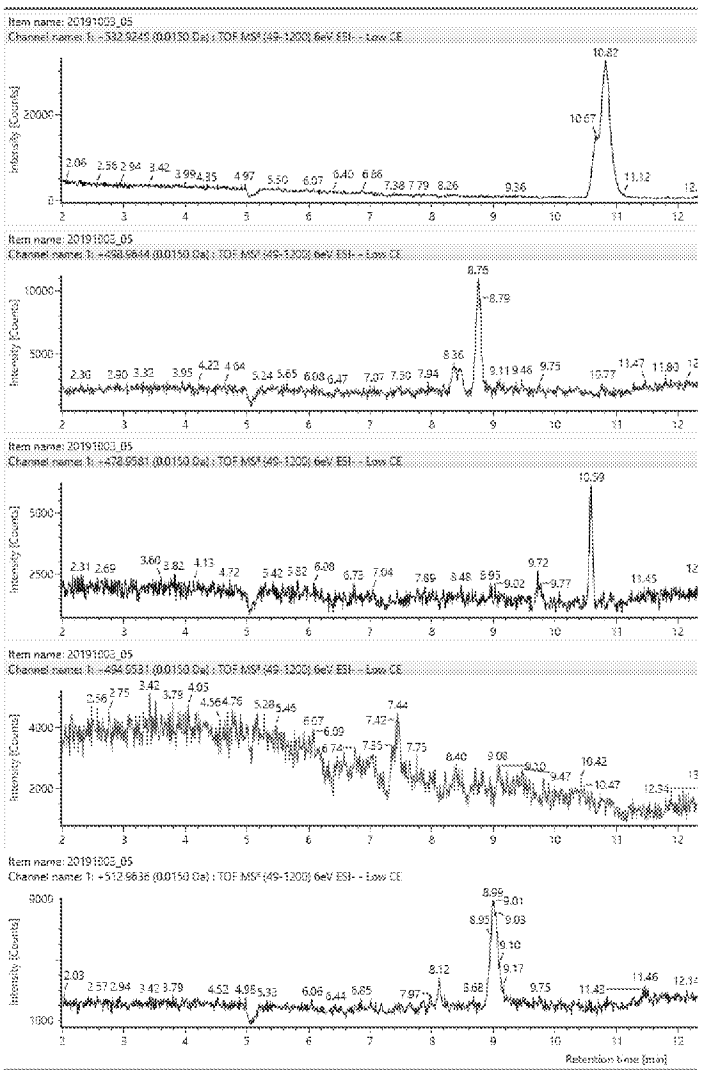
Sample 17.1

ClPFPECAs possibly detected: nondetect

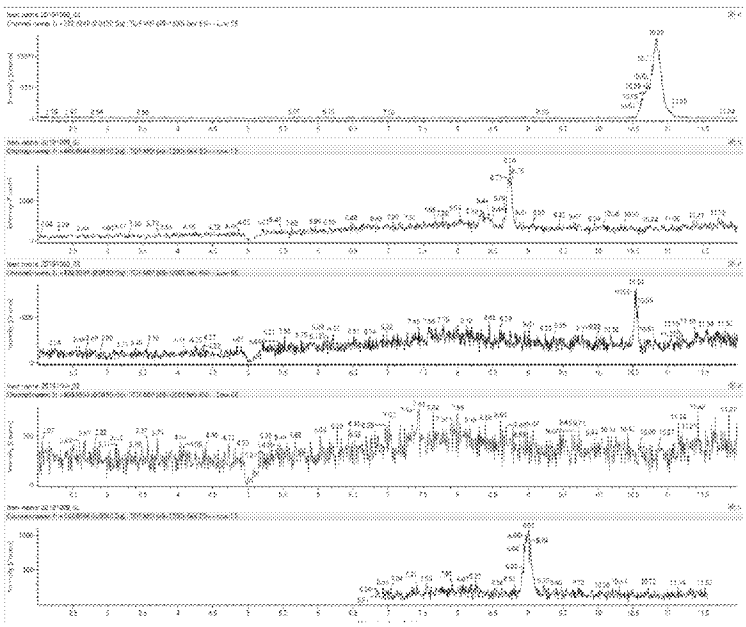
HPFPECAs possibly detected: nondetect

Additional Efforts:

Sample 1.1

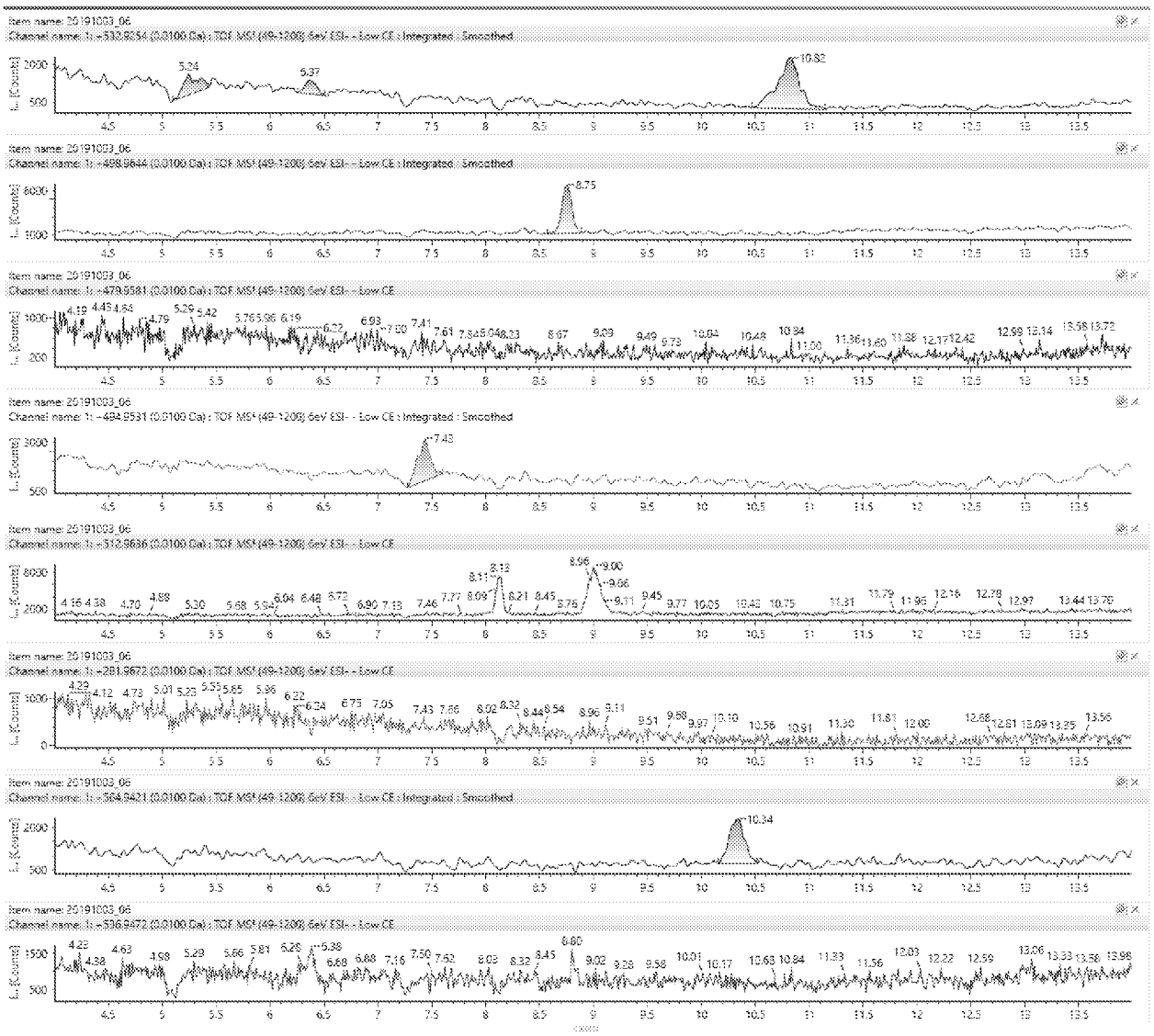


Sample 1.1



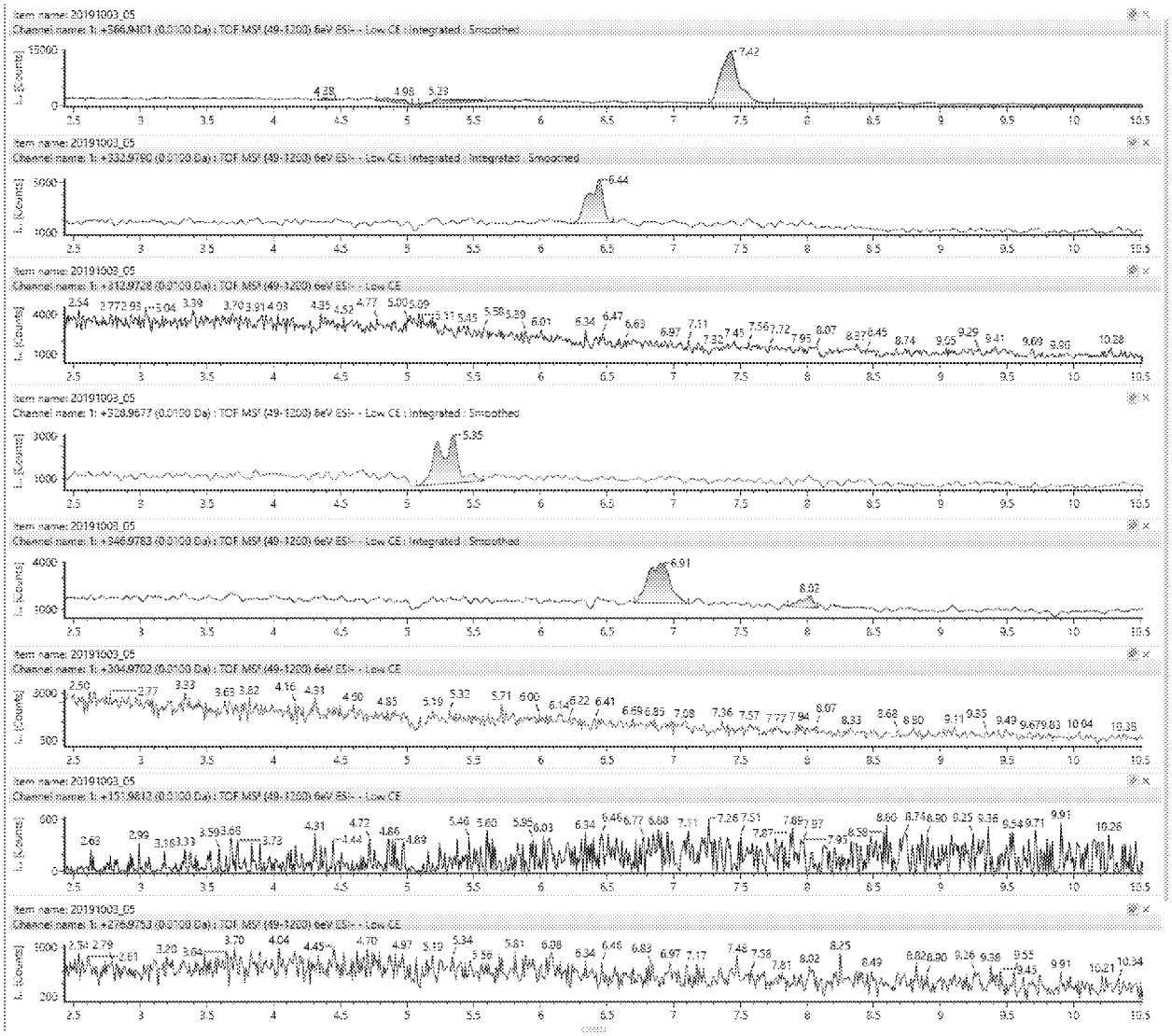
Run SC 1 2 17

Sample 2.1 for the 0,2 congener



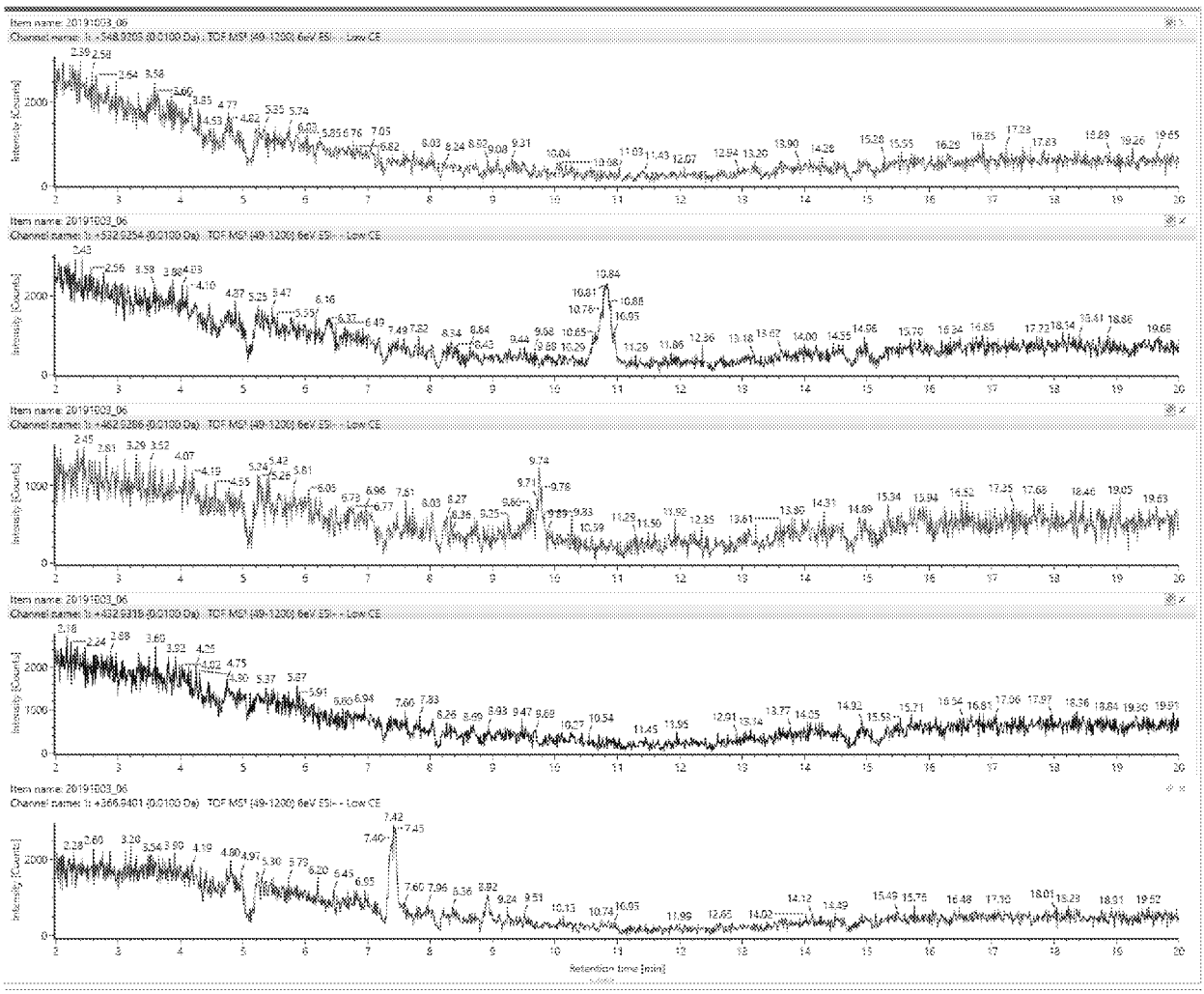
Run SC 1 2 17

Sample 1.1 for the 0,1 congener

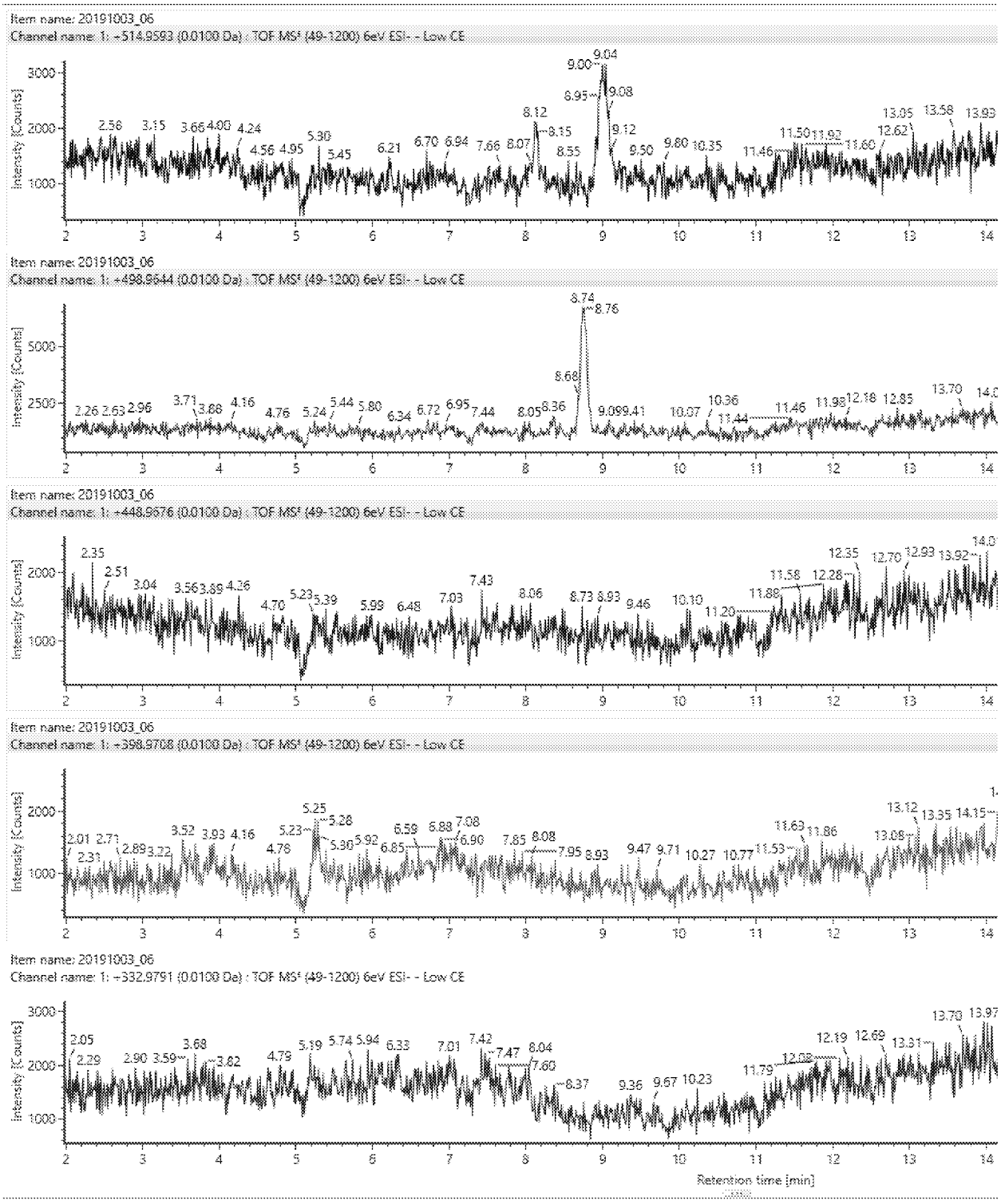


Sample 2.1

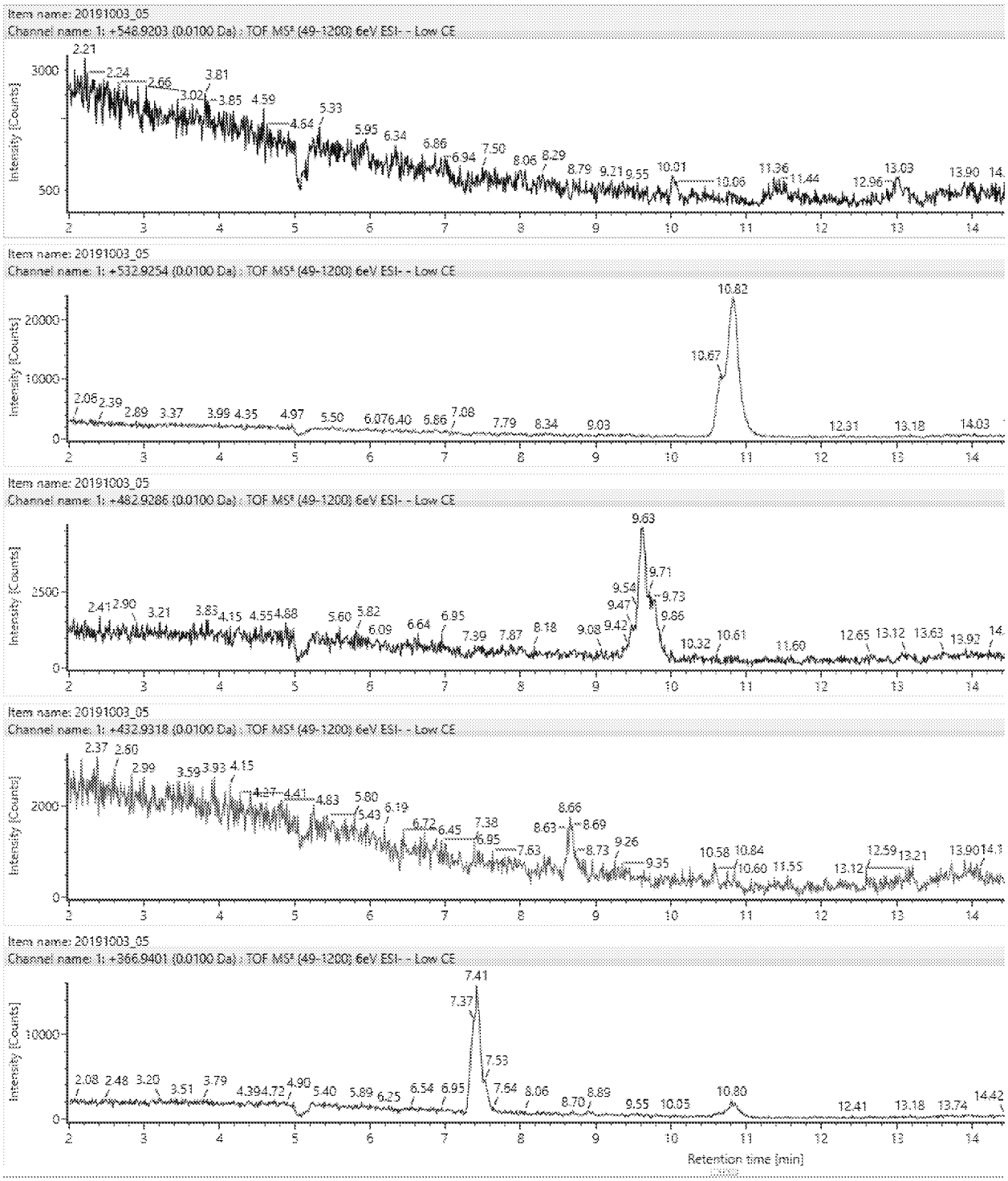
Precursors (CI)



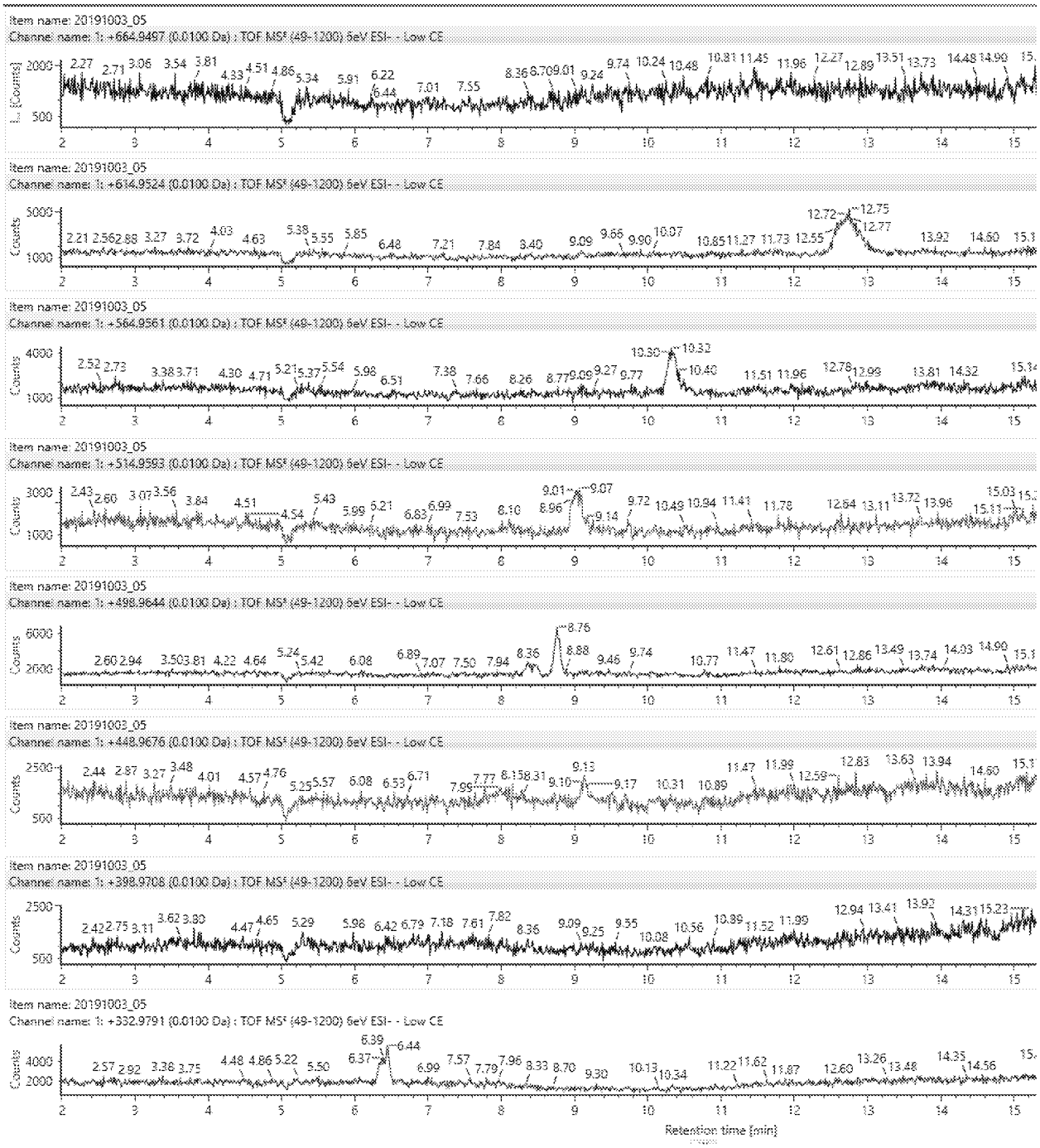
Sample 2.1 H product



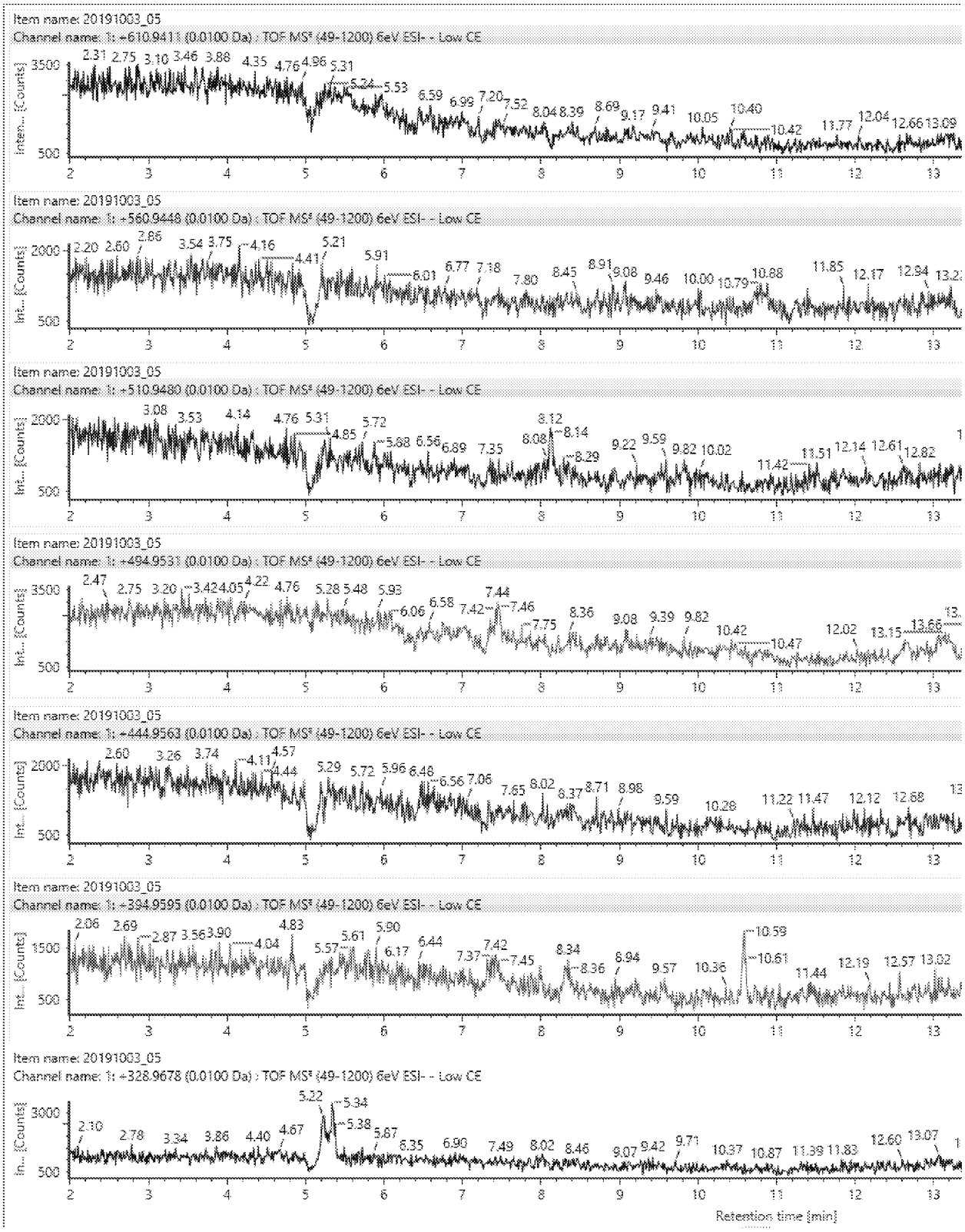
Sample 1.1 Precursor



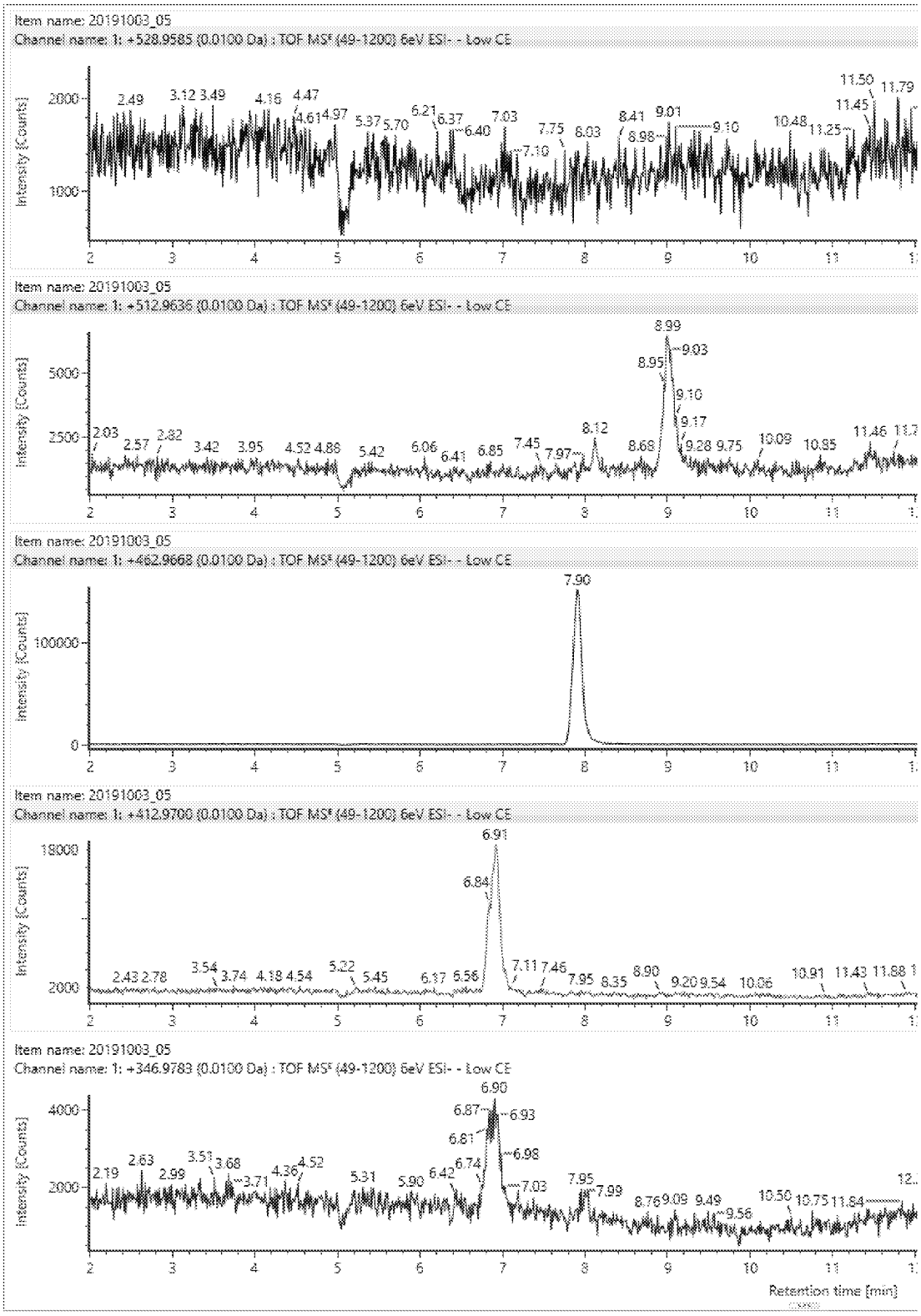
Sample 1.1 H product



Sample 1.1 Epoxide

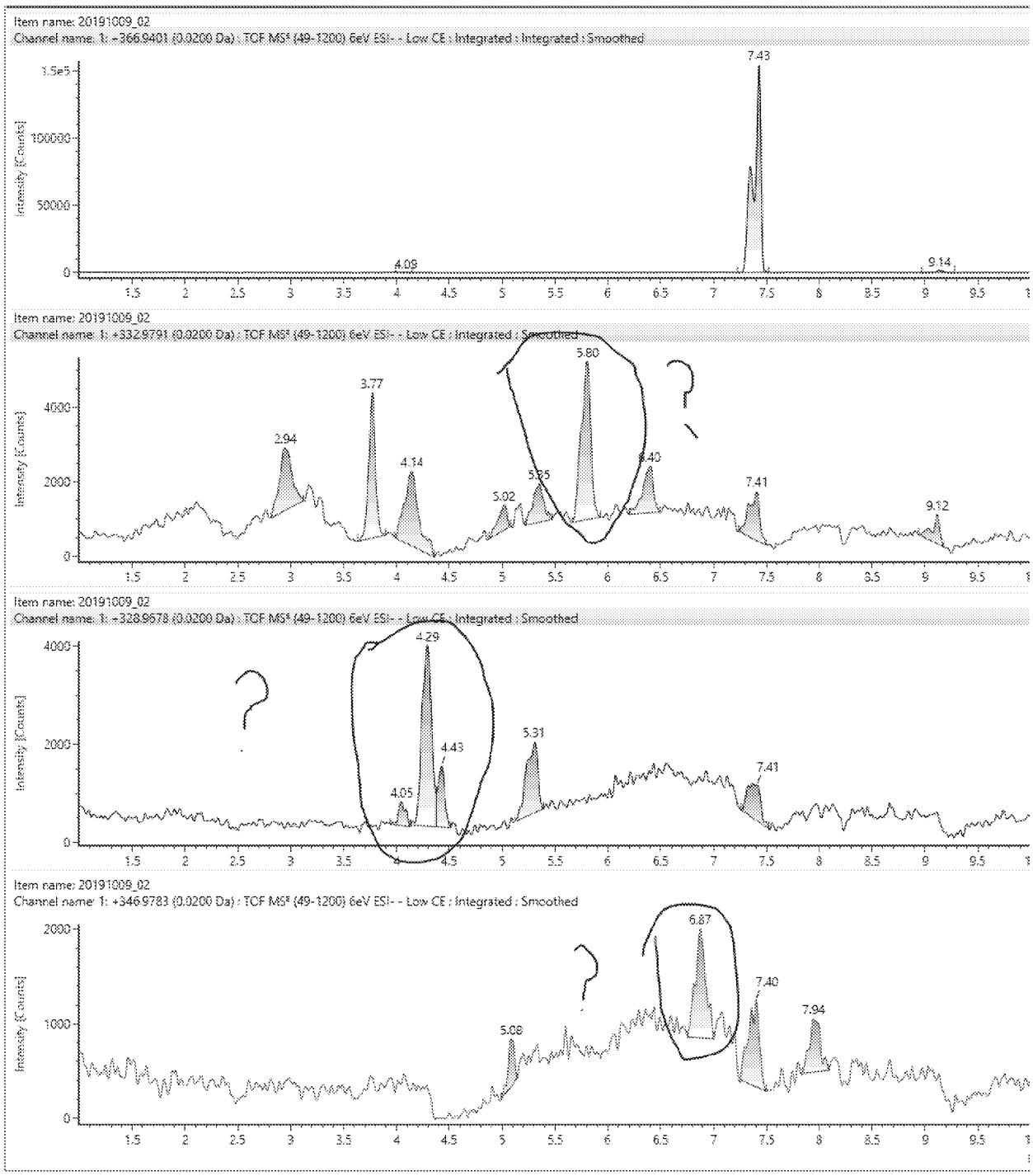


Sample 1.1 OH OH product (almost definitely PFOA and PFNA showing here)



Run: NJ Veg Rerun 20191009

Veg sample 8.1 (grass)



Veg run in MSe is nondetect in all polyethers

Veg 5.1 – detect the Cl polyether only, no degradation products