

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
 Data File : PL083547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 17:17
 Operator : AR\AJ
 Sample : 03279-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOIL-OU3-DENALI-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 04:12:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.452	2.752	52272356	43137982	23.649	18.519
28)	SA Decachlor...	8.991	7.961	27494758	33941360	14.429	13.819
Target Compounds							
2)	A alpha-BHC	3.909	3.263	135.2E6	151.0E6	43.435	44.732
3)	MA gamma-BHC...	4.242	3.595	124.2E6	144.8E6	43.572	45.105
4)	MA Heptachlor	4.834	3.942	121.4E6	136.1E6	43.891	43.979
5)	MB Aldrin	5.176	4.225	115.4E6	141.0E6	44.415	46.821
6)	B beta-BHC	4.441	3.897	56508075	64132356	43.677	42.973
7)	B delta-BHC	4.687	4.129	83576813	101.2E6	30.322	31.385
8)	B Heptachlo...	5.605	4.734	102.7E6	115.6E6	40.444	40.285
9)	A Endosulfan I	5.990	5.107	96767728	136.1E6	43.428	50.505
10)	B gamma-Chl...	5.862	4.989	50604652	147.7E6	21.036	49.922 #
11)	B alpha-Chl...	5.942	5.053	115.1E6	138.0E6	48.595	46.647
12)	B 4,4'-DDE	6.121	5.250	102.2E6	141.7E6	50.648	55.462
13)	MA Dieldrin	6.267	5.375	120.3E6	153.0E6	53.570	54.556
14)	MA Endrin	6.496	5.651	80157721	115.9E6	45.419	50.229
15)	B Endosulfa...	6.716	5.948	77849786	105.3E6	41.709	44.353
16)	A 4,4'-DDD	6.638	5.809	87369689	105.3E6	51.171	47.731
17)	MA 4,4'-DDT	6.954	6.063	88716273	104.4E6	52.692	49.992
18)	B Endrin al...	6.847	6.130	34161352	76742311	23.045	40.604 #
19)	B Endosulfa...	7.082	6.355	74981225	94157496	39.044	38.881
20)	A Methoxychlor	7.435	6.649	39678941	62795832	43.744	52.105
21)	B Endrin ke...	7.566	6.862	88427542	100.8E6	41.272	35.859
22)	Mirex	8.043	7.048	119.3E6	81276388	63.892	33.773 #
23)	Chlordane-1	4.617	3.766	715813	1474976	7.441	15.047 #
24)	Chlordane-2	5.133f	4.352	2522763	1331168	23.252	11.070 #
25)	Chlordane-3	5.862	4.989	50604652	147.7E6	132.437	450.797 #
26)	Chlordane-4	5.942	5.053	115.1E6	138.0E6	248.919	409.380 #
27)	Chlordane-5	0.000	5.948	0	105.3E6	N.D.	946.960 #

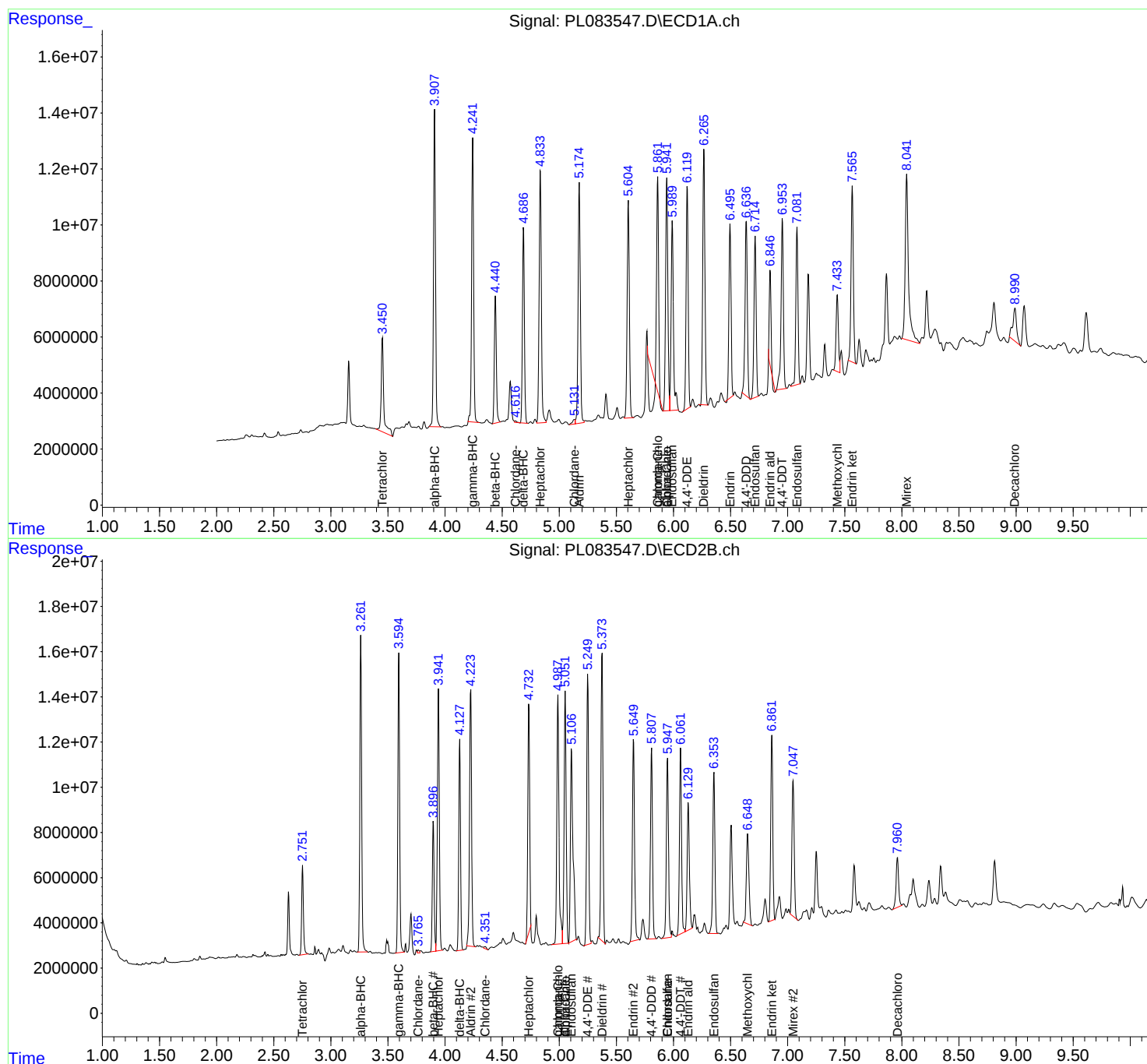
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

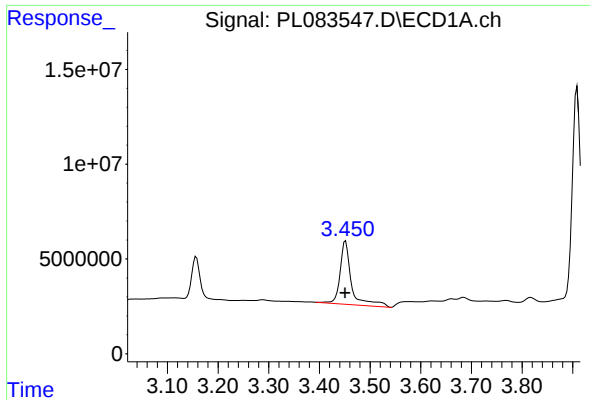
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
Data File : PL083547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2023 17:17
Operator : AR\AJ
Sample : 03279-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 04:12:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
Quant Title : GC Extractables
QLast Update : Sat Jun 17 12:34:26 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

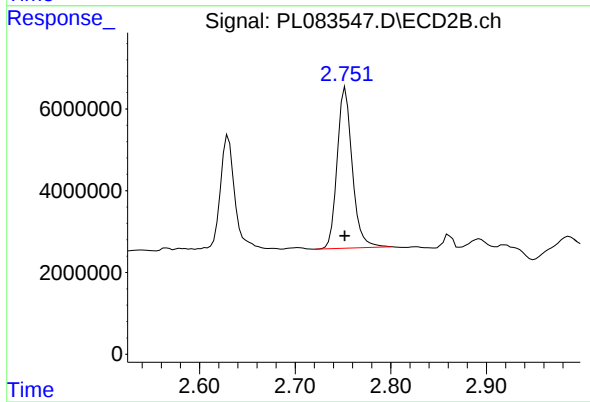




#1 Tetrachloro-m-xylene

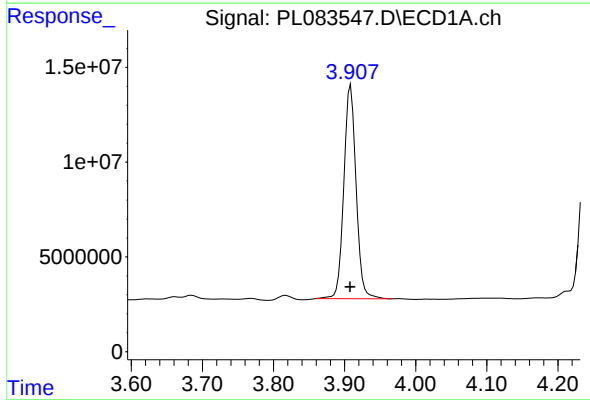
R.T.: 3.452 min
Delta R.T.: 0.000 min
Response: 52272356
Conc: 23.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



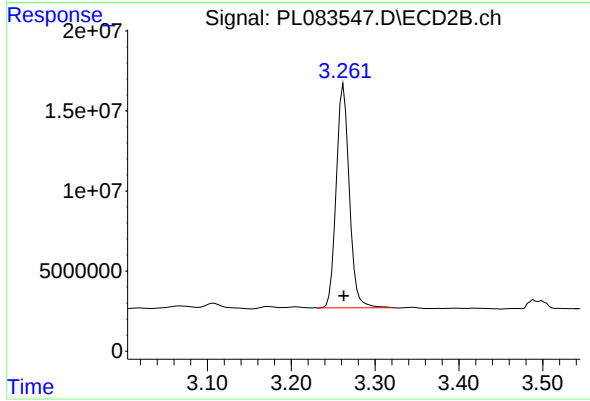
#1 Tetrachloro-m-xylene

R.T.: 2.752 min
Delta R.T.: 0.000 min
Response: 43137982
Conc: 18.52 ng/ml



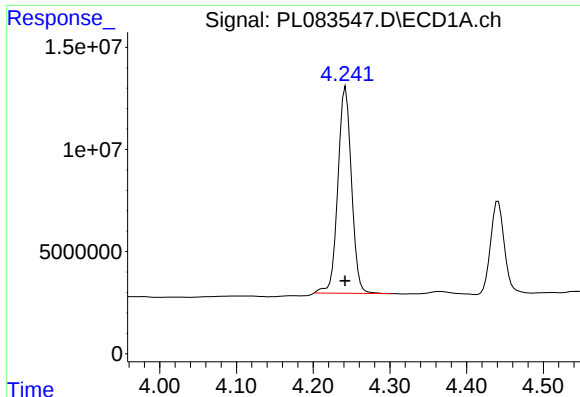
#2 alpha-BHC

R.T.: 3.909 min
Delta R.T.: 0.001 min
Response: 135230775
Conc: 43.43 ng/ml



#2 alpha-BHC

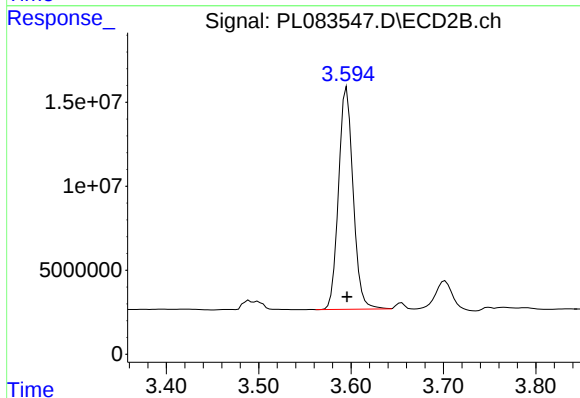
R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 150996169
Conc: 44.73 ng/ml



#3 gamma-BHC (Lindane)

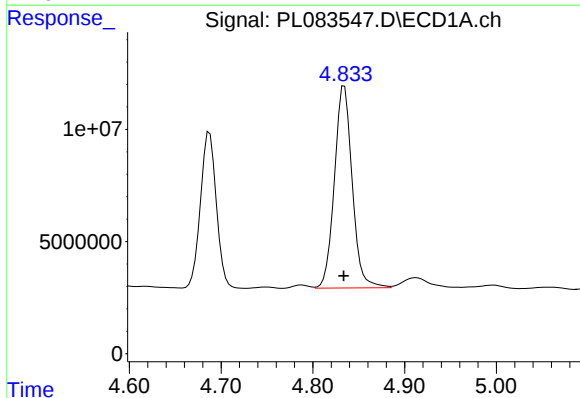
R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 124212703
Conc: 43.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



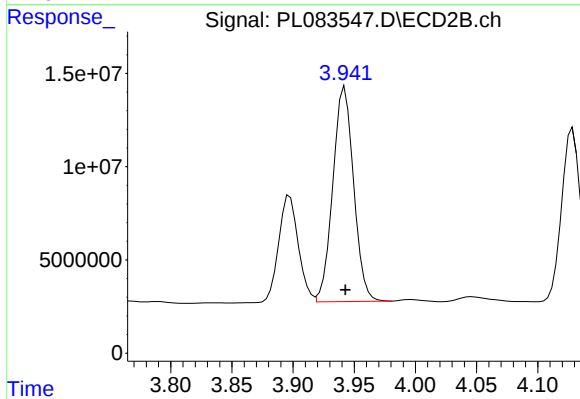
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 144813789
Conc: 45.10 ng/ml



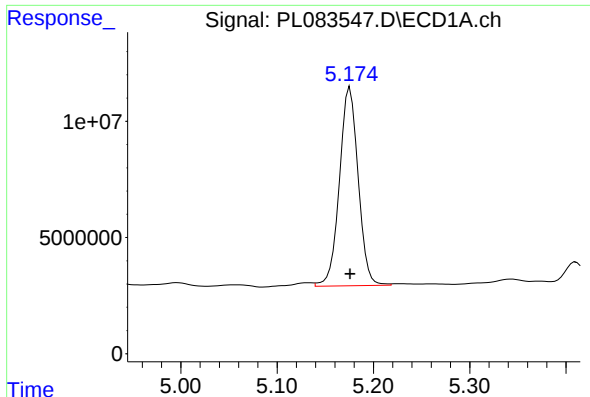
#4 Heptachlor

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 121353200
Conc: 43.89 ng/ml



#4 Heptachlor

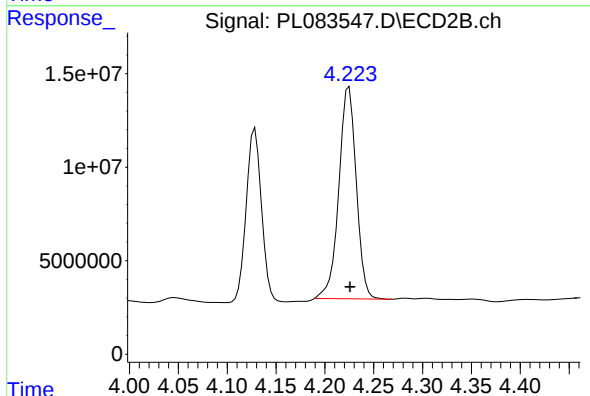
R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 136143512
Conc: 43.98 ng/ml



#5 Aldrin

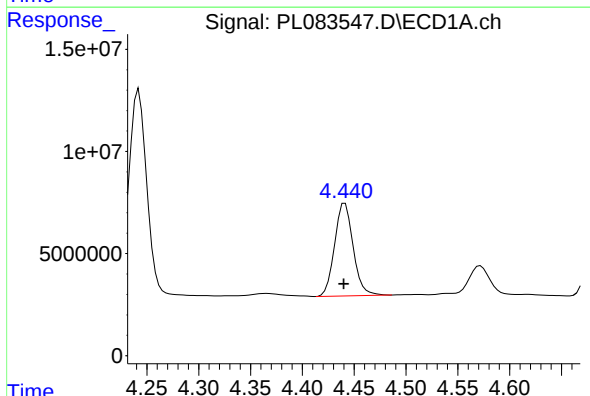
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 115428268
Conc: 44.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



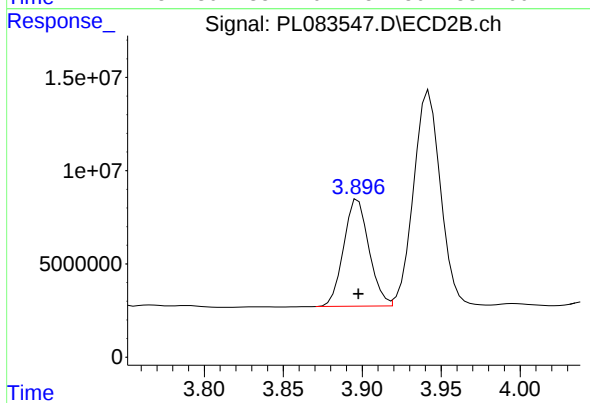
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.001 min
Response: 140960627
Conc: 46.82 ng/ml



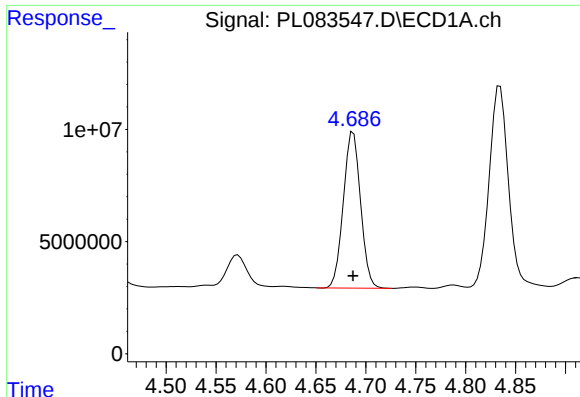
#6 beta-BHC

R.T.: 4.441 min
Delta R.T.: 0.001 min
Response: 56508075
Conc: 43.68 ng/ml



#6 beta-BHC

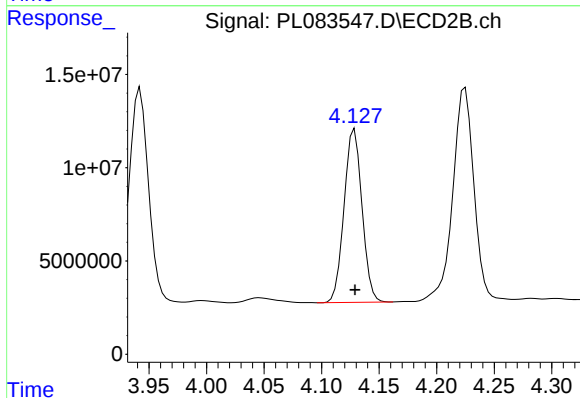
R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 64132356
Conc: 42.97 ng/ml



#7 delta-BHC

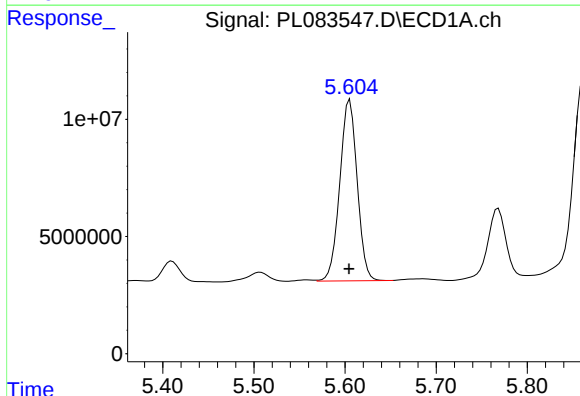
R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 83576813
Conc: 30.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



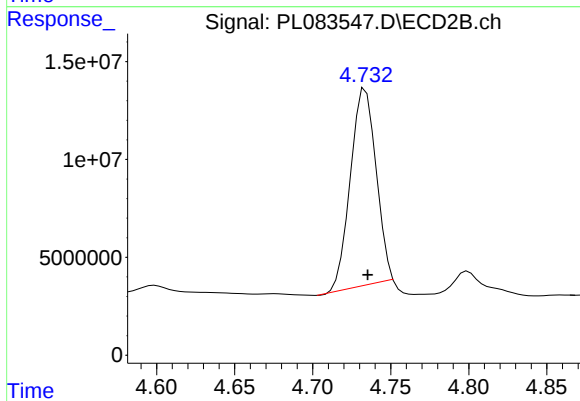
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 101159553
Conc: 31.38 ng/ml



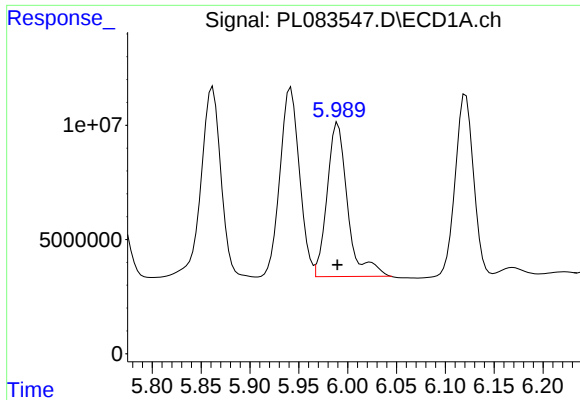
#8 Heptachlor epoxide

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 102659993
Conc: 40.44 ng/ml



#8 Heptachlor epoxide

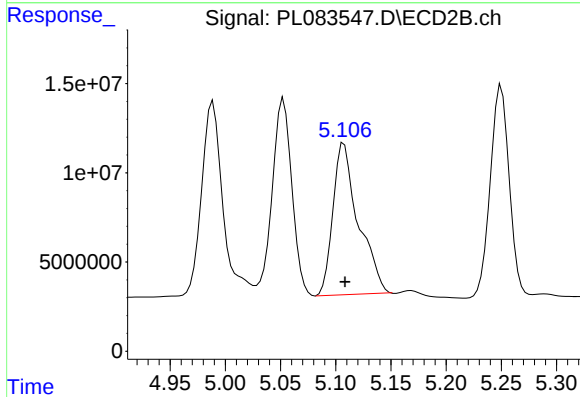
R.T.: 4.734 min
Delta R.T.: -0.001 min
Response: 115635749
Conc: 40.28 ng/ml



#9 Endosulfan I

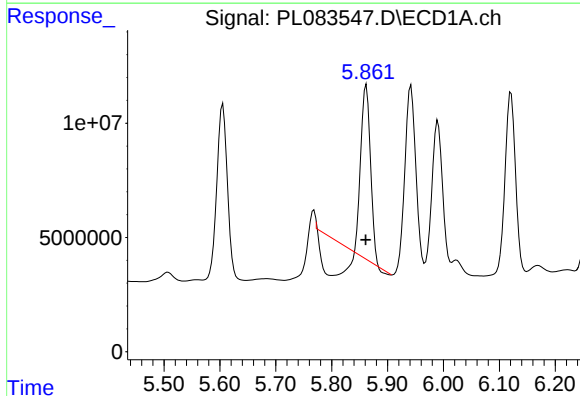
R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 96767728
Conc: 43.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



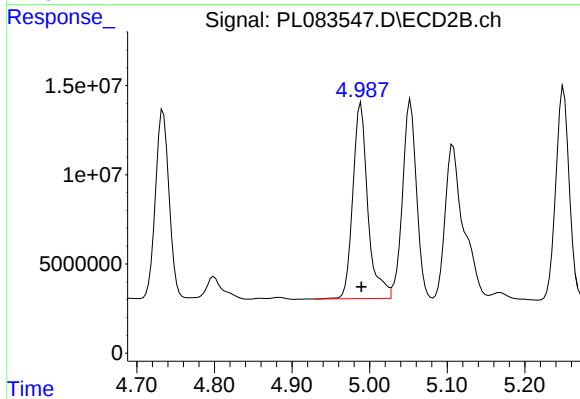
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 136114519
Conc: 50.51 ng/ml



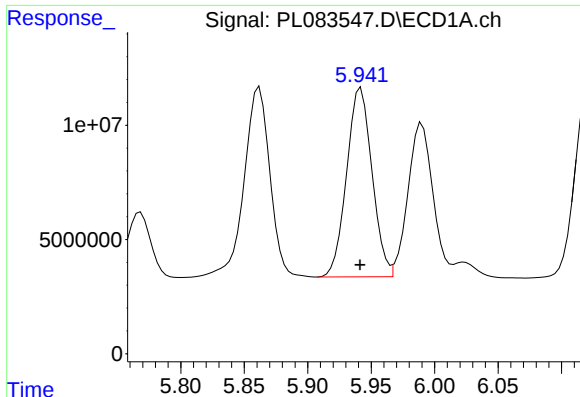
#10 gamma-Chlordane

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 50604652
Conc: 21.04 ng/ml



#10 gamma-Chlordane

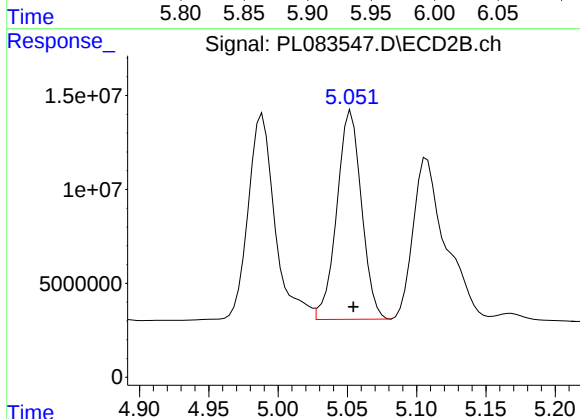
R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 147705740
Conc: 49.92 ng/ml



#11 alpha-Chlordane

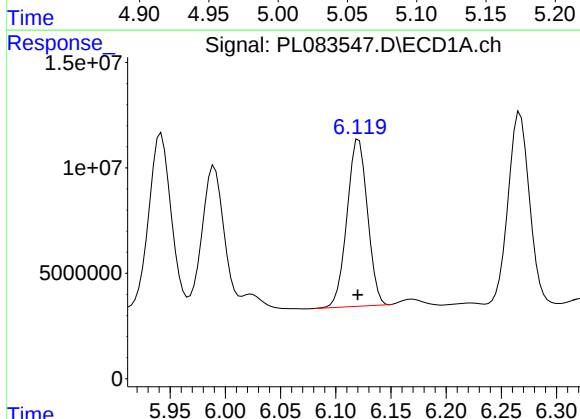
R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 115106334
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



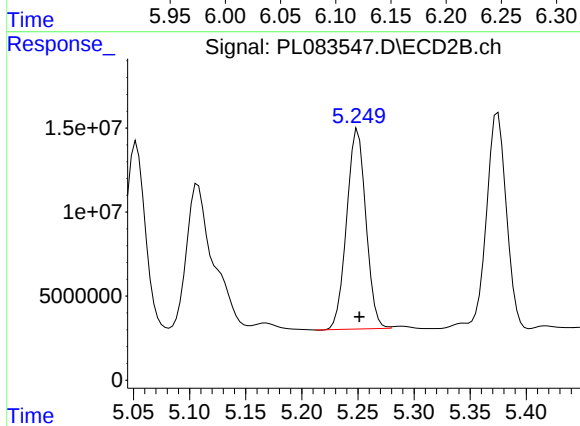
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 137993567
Conc: 46.65 ng/ml



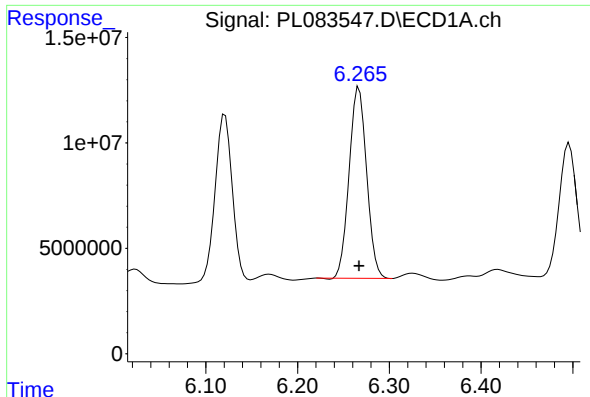
#12 4,4'-DDE

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 102242072
Conc: 50.65 ng/ml



#12 4,4'-DDE

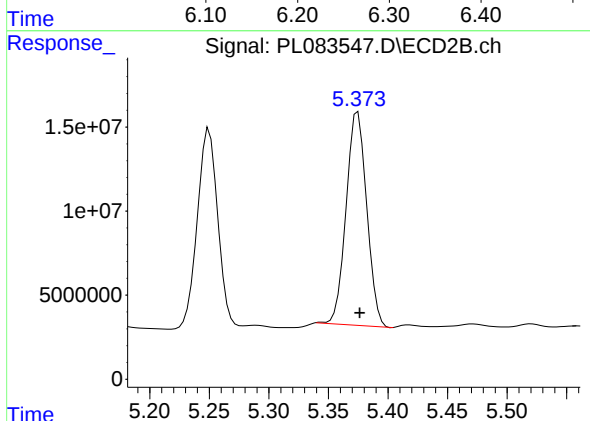
R.T.: 5.250 min
Delta R.T.: -0.001 min
Response: 141683210
Conc: 55.46 ng/ml



#13 Dieldrin

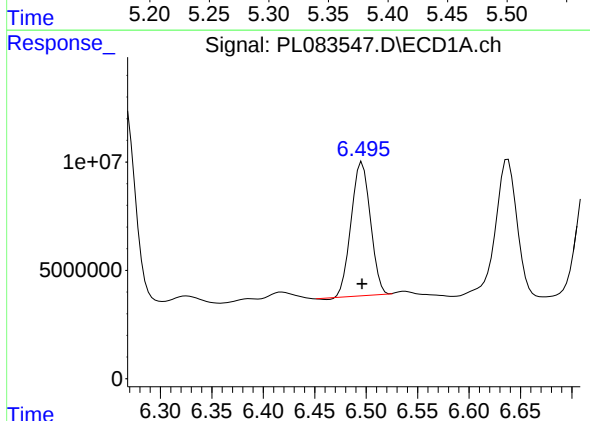
R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 120288766
Conc: 53.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



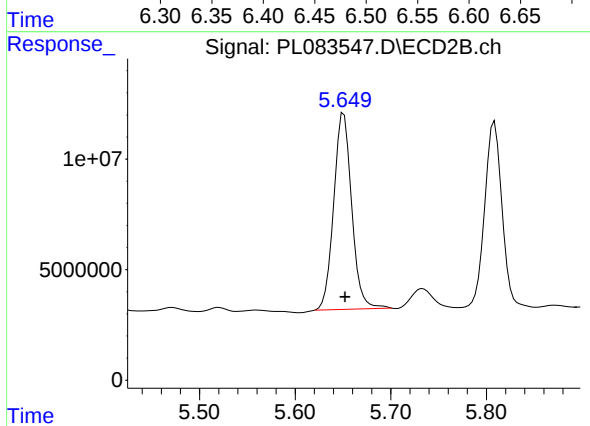
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.002 min
Response: 152987592
Conc: 54.56 ng/ml



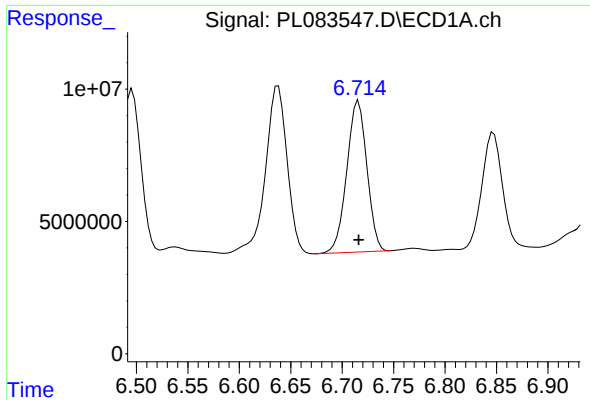
#14 Endrin

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 80157721
Conc: 45.42 ng/ml



#14 Endrin

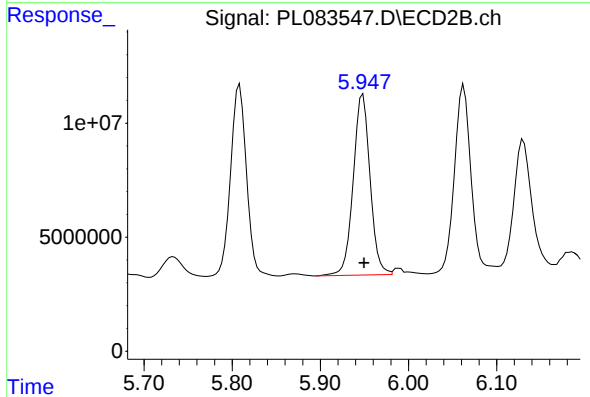
R.T.: 5.651 min
Delta R.T.: -0.001 min
Response: 115933387
Conc: 50.23 ng/ml



#15 Endosulfan II

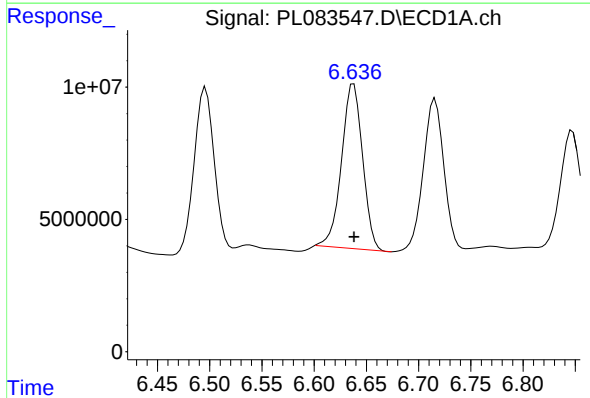
R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 77849786
Conc: 41.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



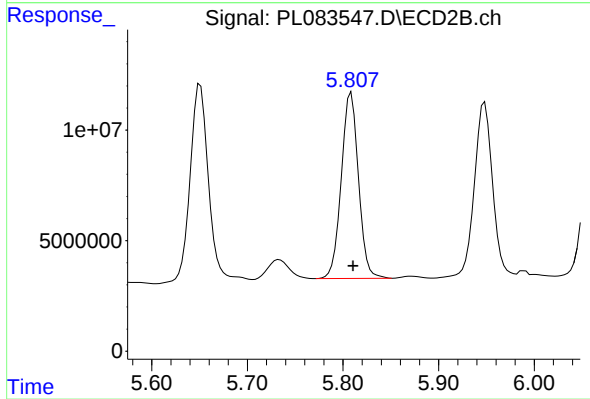
#15 Endosulfan II

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 105280663
Conc: 44.35 ng/ml



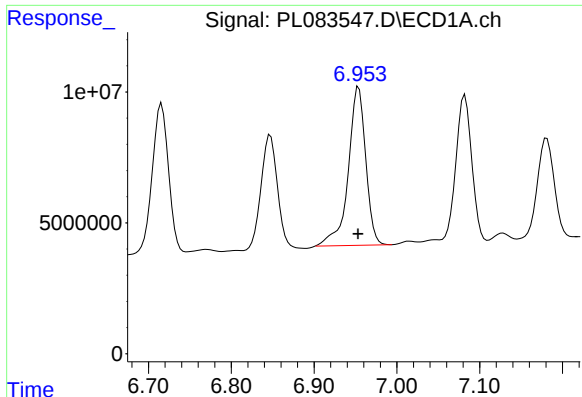
#16 4,4'-DDD

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 87369689
Conc: 51.17 ng/ml



#16 4,4'-DDD

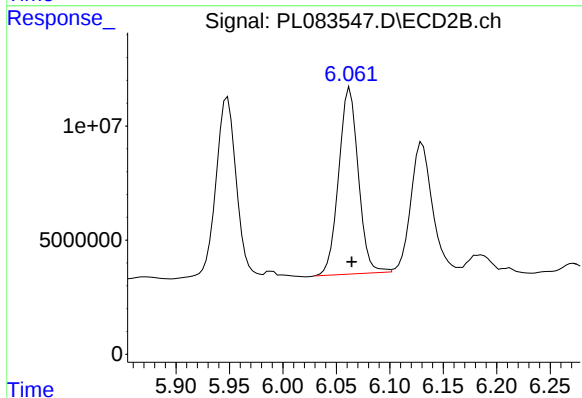
R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 105255042
Conc: 47.73 ng/ml



#17 4,4'-DDT

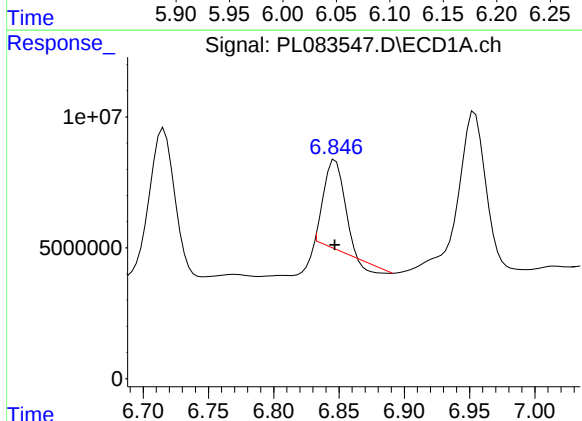
R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 88716273
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



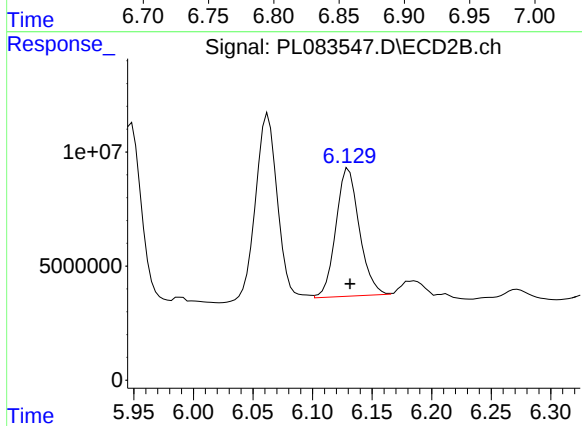
#17 4,4'-DDT

R.T.: 6.063 min
Delta R.T.: -0.002 min
Response: 104375870
Conc: 49.99 ng/ml



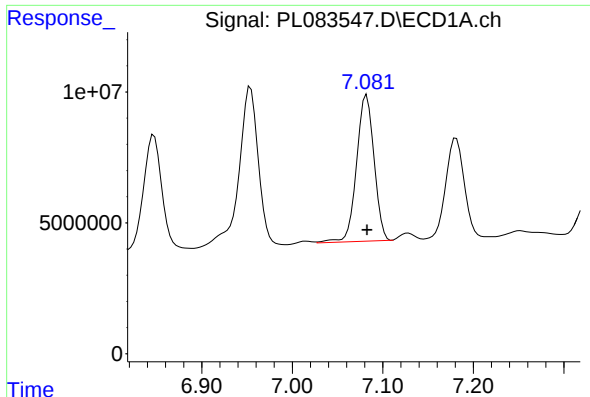
#18 Endrin aldehyde

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 34161352
Conc: 23.04 ng/ml



#18 Endrin aldehyde

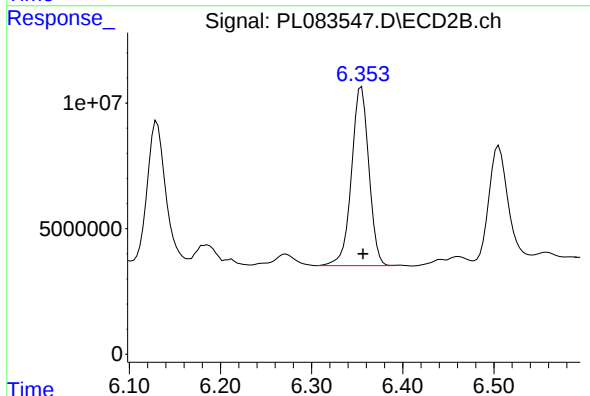
R.T.: 6.130 min
Delta R.T.: -0.001 min
Response: 76742311
Conc: 40.60 ng/ml



#19 Endosulfan Sulfate

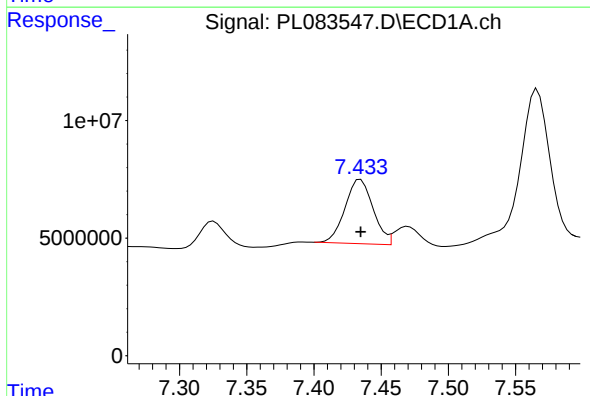
R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 74981225
Conc: 39.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



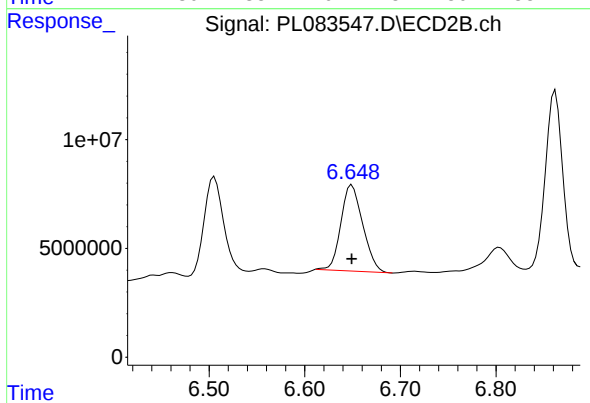
#19 Endosulfan Sulfate

R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 94157496
Conc: 38.88 ng/ml



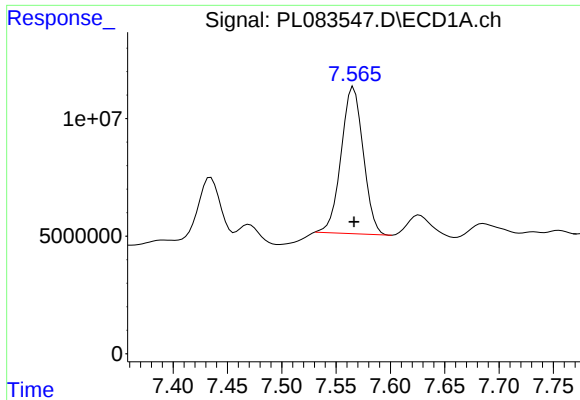
#20 Methoxychlor

R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: 39678941
Conc: 43.74 ng/ml



#20 Methoxychlor

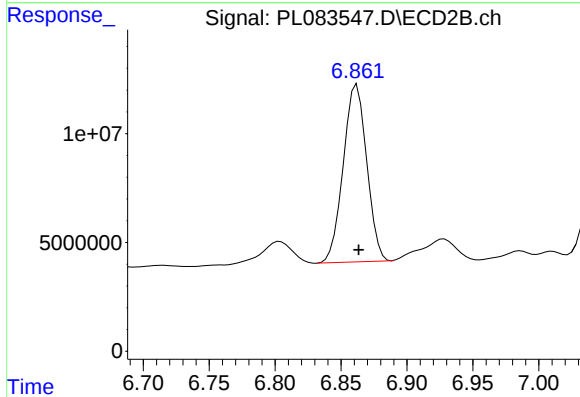
R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 62795832
Conc: 52.11 ng/ml



#21 Endrin ketone

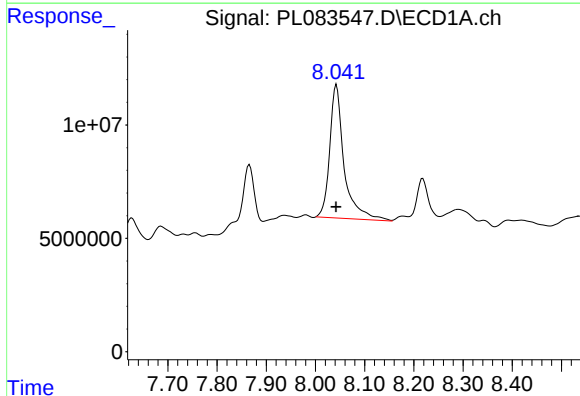
R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 88427542
Conc: 41.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



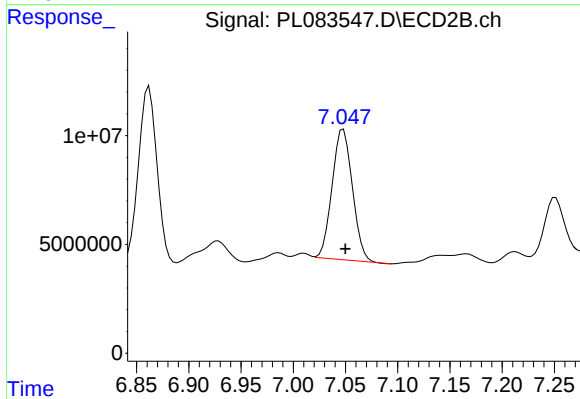
#21 Endrin ketone

R.T.: 6.862 min
Delta R.T.: -0.001 min
Response: 100812899
Conc: 35.86 ng/ml



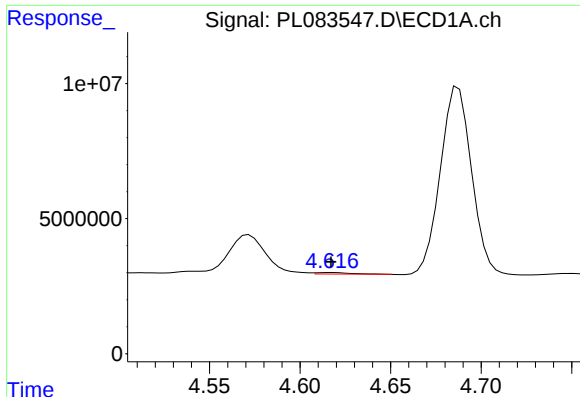
#22 Mirex

R.T.: 8.043 min
Delta R.T.: 0.001 min
Response: 119250455
Conc: 63.89 ng/ml



#22 Mirex

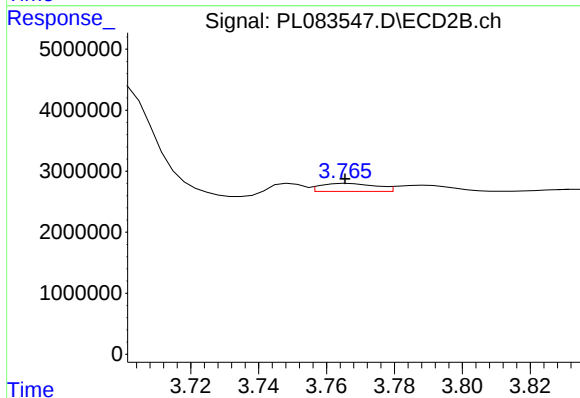
R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 81276388
Conc: 33.77 ng/ml



#23 Chlordane-1

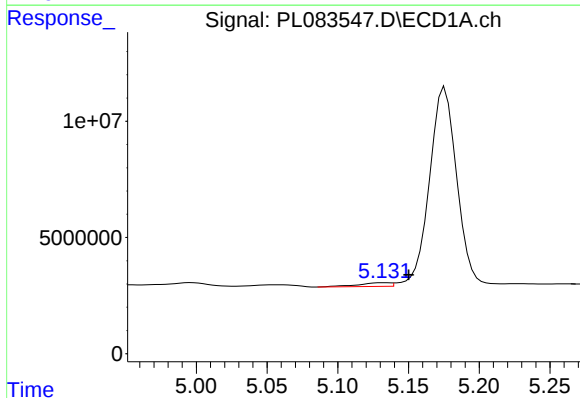
R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 715813
Conc: 7.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



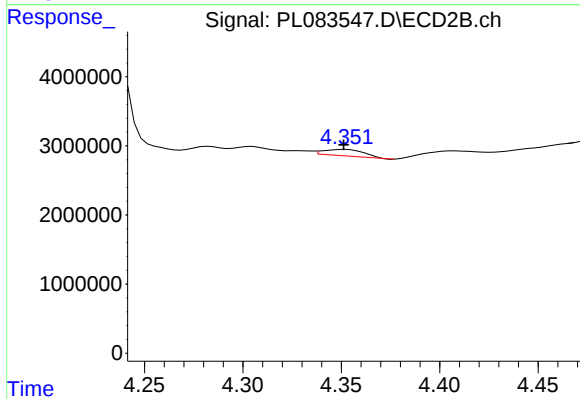
#23 Chlordane-1

R.T.: 3.766 min
Delta R.T.: 0.000 min
Response: 1474976
Conc: 15.05 ng/ml



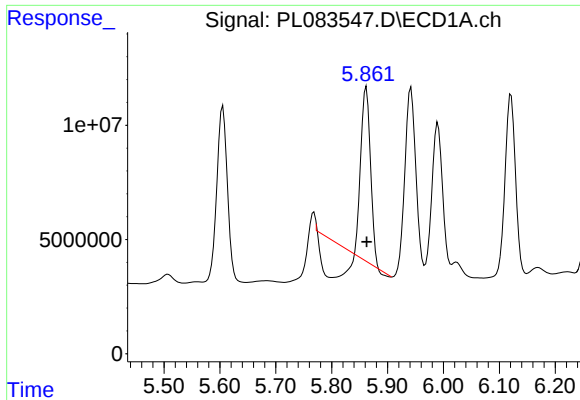
#24 Chlordane-2

R.T.: 5.133 min
Delta R.T.: -0.018 min
Response: 2522763
Conc: 23.25 ng/ml



#24 Chlordane-2

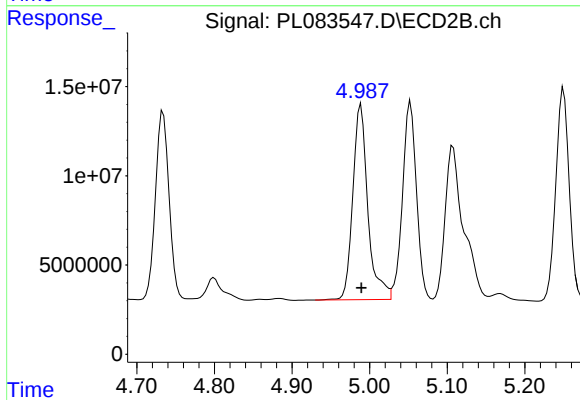
R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 1331168
Conc: 11.07 ng/ml



#25 Chlordane-3

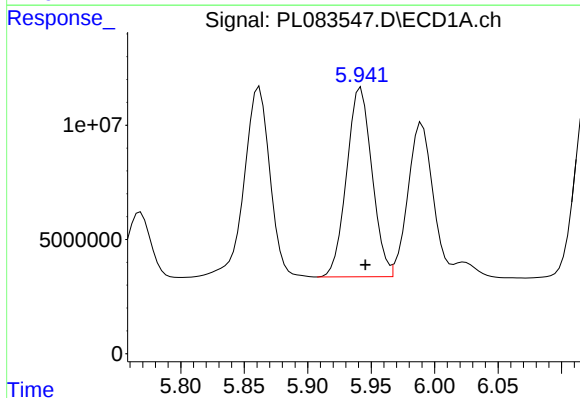
R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 50604652
Conc: 132.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



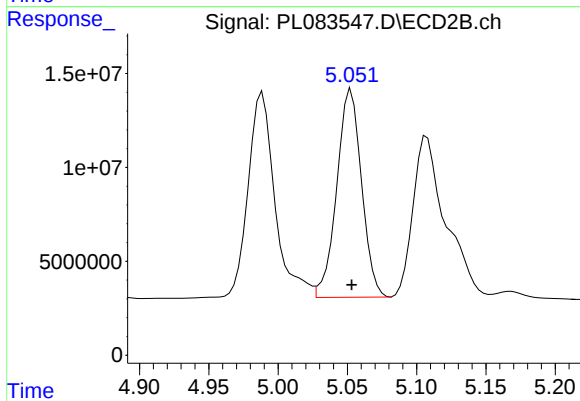
#25 Chlordane-3

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 147705740
Conc: 450.80 ng/ml



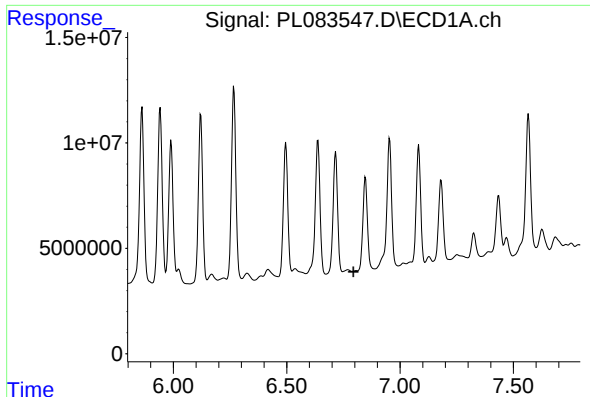
#26 Chlordane-4

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 115106334
Conc: 248.92 ng/ml



#26 Chlordane-4

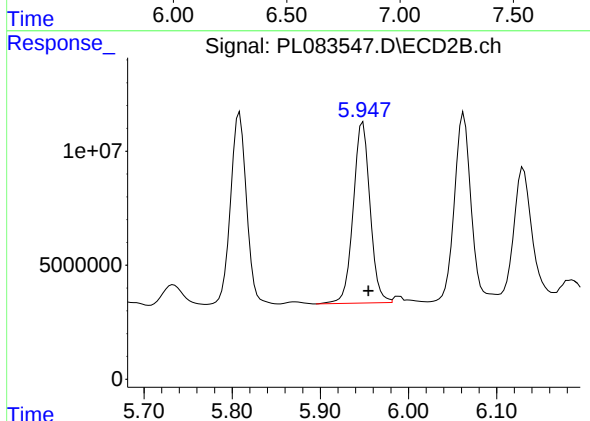
R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 137993567
Conc: 409.38 ng/ml



#27 Chlordane-5

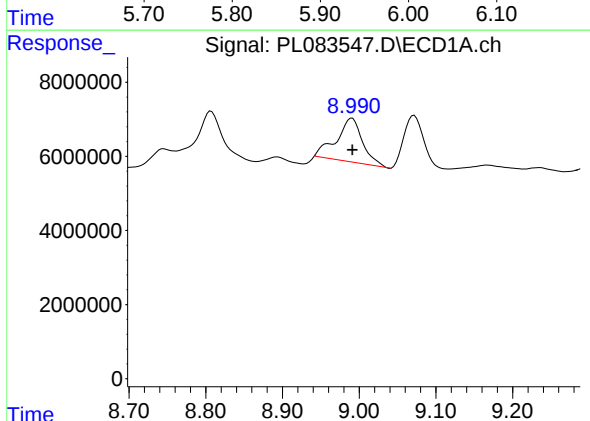
R.T.: 0.000 min
Exp R.T.: 6.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MSD



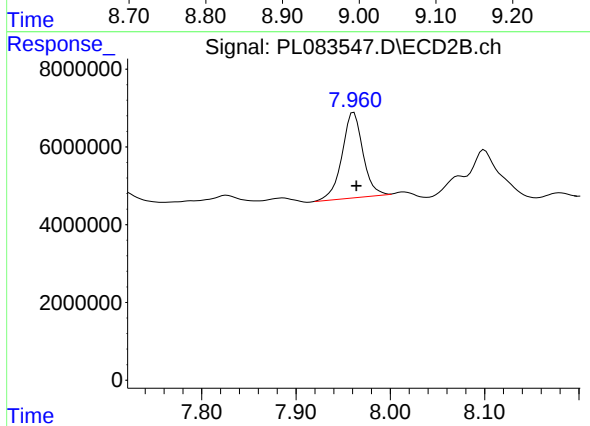
#27 Chlordane-5

R.T.: 5.948 min
Delta R.T.: -0.006 min
Response: 105280663
Conc: 946.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min
Delta R.T.: 0.000 min
Response: 27494758
Conc: 14.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.961 min
Delta R.T.: -0.003 min
Response: 33941360
Conc: 13.82 ng/ml