

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121922\
 Data File : PL079782.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2022 18:10
 Operator : AR\AJ
 Sample : N6067-02MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-SOIL-20221214MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 20:41:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 2022
 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...	3.316	2.563	44756922	53446707	19.812	19.635
28)	SA Decachlor...	8.763	7.628	39745997	48377856	20.465	20.593
Target Compounds							
2)	A alpha-BHC	3.776	3.049	191.7E6	229.6E6	55.738	53.251
3)	MA gamma-BHC...	4.109	3.369	173.8E6	211.5E6	53.620	54.321
4)	MA Heptachlor	4.679	3.696	175.5E6	206.5E6	53.267	53.673
5)	MB Aldrin	5.017	3.967	173.9E6	209.8E6	55.990	56.515
6)	B beta-BHC	4.325	3.671	72939213	76069827	51.658	50.205
7)	B delta-BHC	4.565	3.889	147.4E6	212.5E6	53.119	55.226
8)	B Heptachlo...	5.451	4.464	160.3E6	184.5E6	56.139	54.658
9)	A Endosulfan I	5.835	4.826	146.1E6	173.5E6	54.942	54.213
10)	B gamma-Chl...	5.706	4.711	161.4E6	186.7E6	56.407	55.166
11)	B alpha-Chl...	5.782	4.773	158.8E6	182.2E6	55.106	54.402
12)	B 4,4'-DDE	5.966	4.968	142.2E6	176.1E6	56.924	57.419
13)	MA Dieldrin	6.112	5.087	158.3E6	193.7E6	57.709	57.450
14)	MA Endrin	6.343	5.358	132.9E6	169.2E6	54.922	55.940
15)	B Endosulfa...	6.573	5.655	132.9E6	163.4E6	58.886	58.410
16)	A 4,4'-DDD	6.491	5.519	118.7E6	150.3E6	59.829	60.090
17)	MA 4,4'-DDT	6.801	5.765	114.4E6	139.8E6	50.417	53.471
18)	B Endrin al...	6.705	5.834	110.0E6	129.6E6	60.730	60.889
19)	B Endosulfa...	6.937	6.056	128.7E6	156.8E6	55.488	55.567
20)	A Methoxychlor	7.285	6.342	60588752	72384642	50.223	53.257
21)	B Endrin ke...	7.424	6.552	135.6E6	175.4E6	54.950	56.955
22)	Mirex	7.880	6.724	101.1E6	126.2E6	53.395	53.370
23)	Chlordane-1	0.000	3.549f	0	2009227	N.D.	18.891 #
24)	Chlordane-2	5.017f	0.000	173.9E6	0	1650.036	N.D. #
25)	Chlordane-3	5.706	4.711	161.4E6	186.7E6	388.683	558.458 #
26)	Chlordane-4	5.782	4.773	158.8E6	182.2E6	312.097	502.819 #

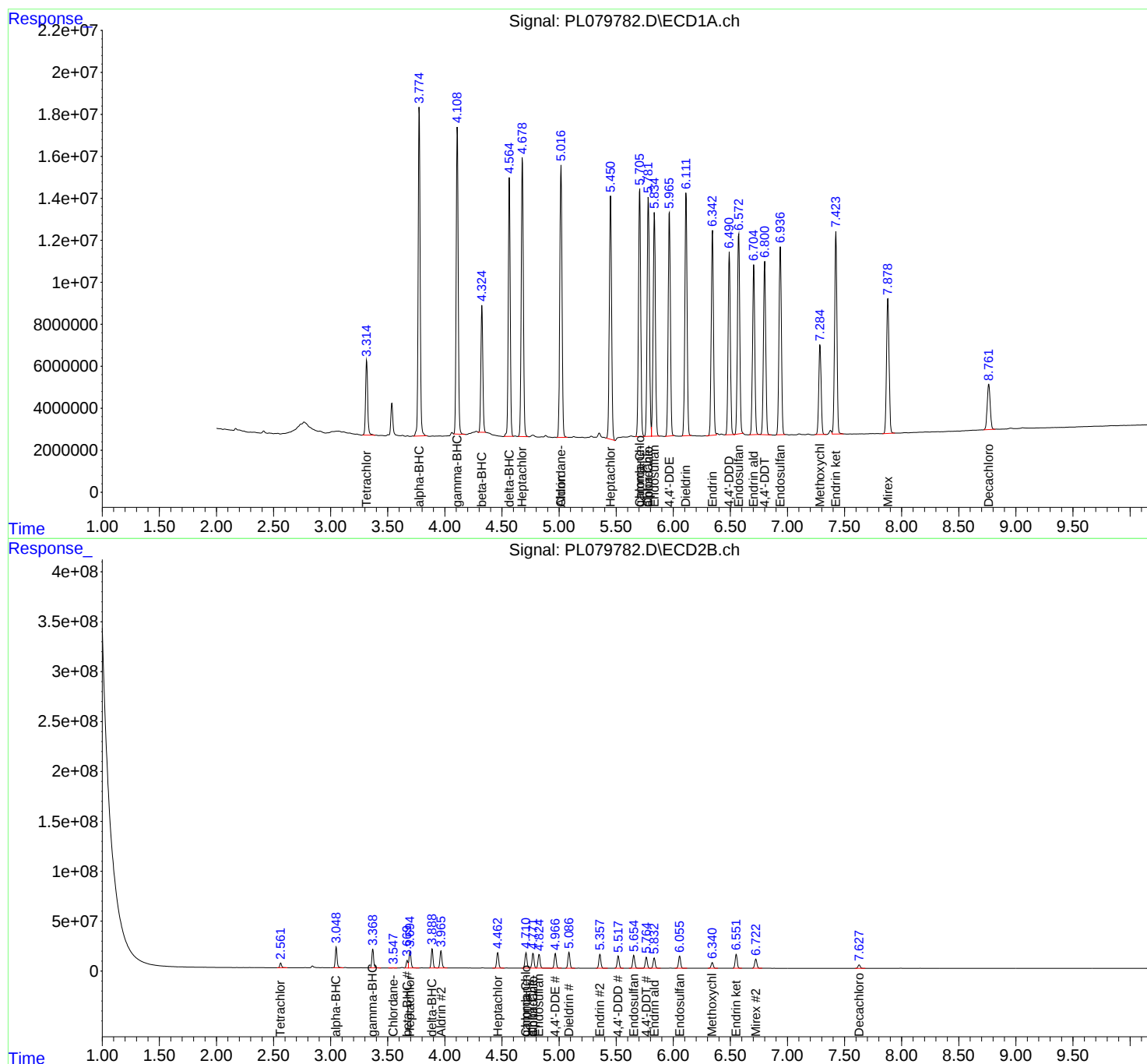
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

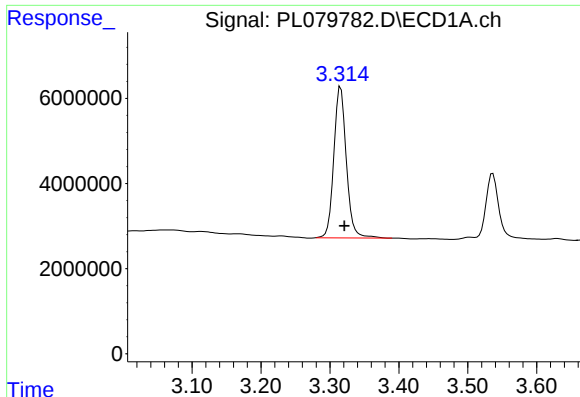
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121922\
Data File : PL079782.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2022 18:10
Operator : AR\AJ
Sample : N6067-02MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 20:41:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
Quant Title : GC Extractables
QLast Update : Thu Nov 24 00:09:49 2022
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

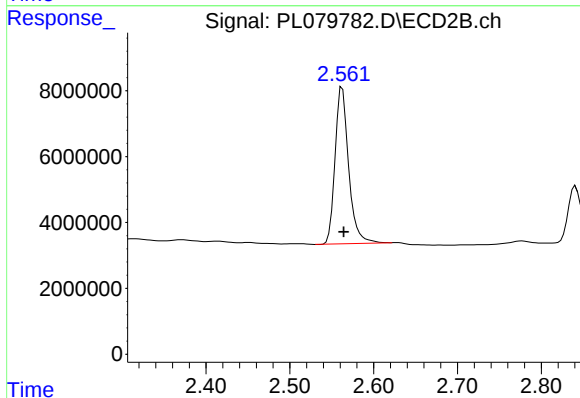




#1 Tetrachloro-m-xylene

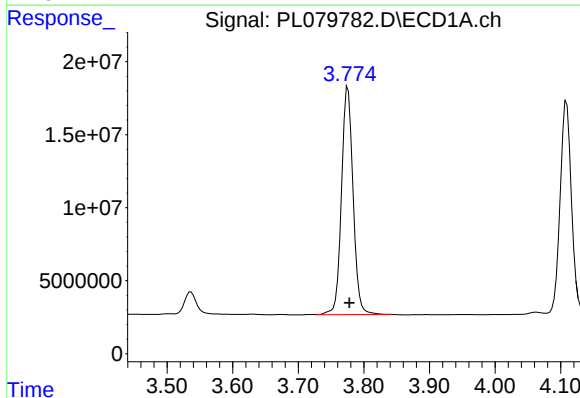
R.T.: 3.316 min
Delta R.T.: -0.005 min
Response: 44756922
Conc: 19.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



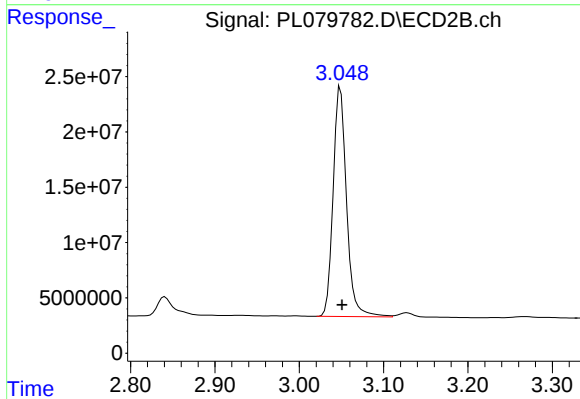
#1 Tetrachloro-m-xylene

R.T.: 2.563 min
Delta R.T.: -0.002 min
Response: 53446707
Conc: 19.63 ng/ml



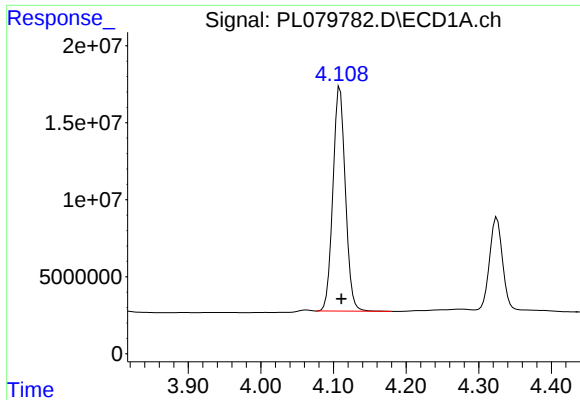
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 191670585
Conc: 55.74 ng/ml



#2 alpha-BHC

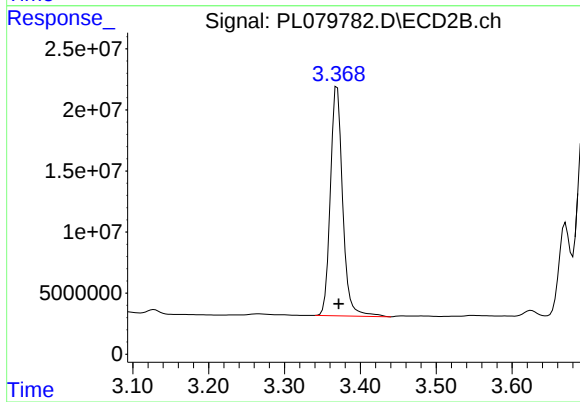
R.T.: 3.049 min
Delta R.T.: -0.002 min
Response: 229618257
Conc: 53.25 ng/ml



#3 gamma-BHC (Lindane)

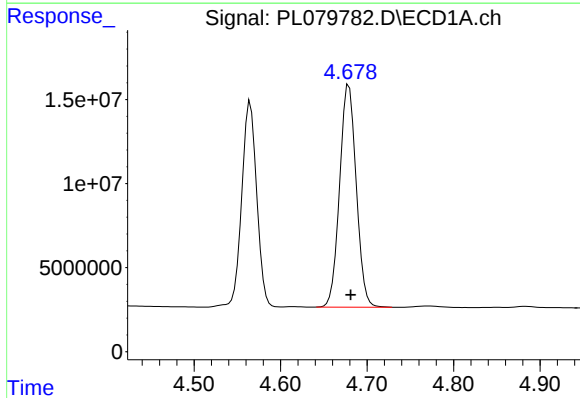
R.T.: 4.109 min
Delta R.T.: -0.002 min
Response: 173770756
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



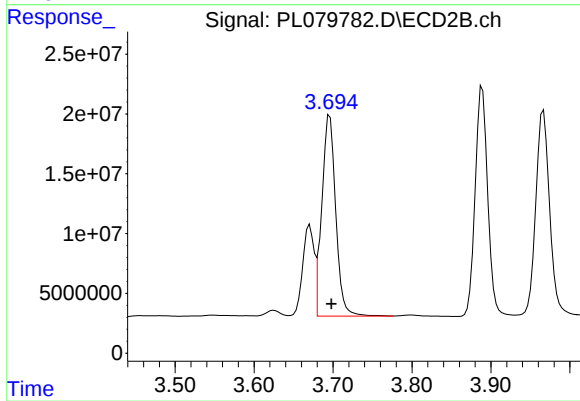
#3 gamma-BHC (Lindane)

R.T.: 3.369 min
Delta R.T.: -0.002 min
Response: 211508485
Conc: 54.32 ng/ml



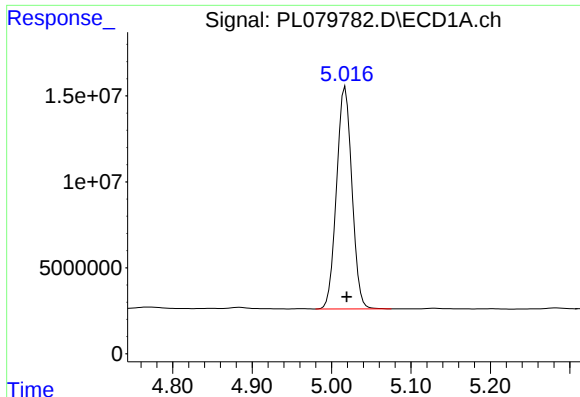
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: -0.002 min
Response: 175528523
Conc: 53.27 ng/ml



#4 Heptachlor

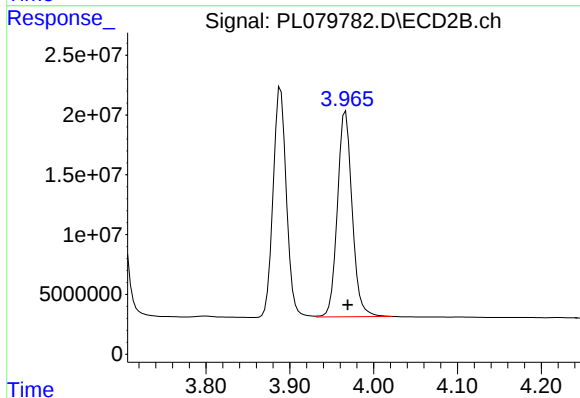
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 206520796
Conc: 53.67 ng/ml



#5 Aldrin

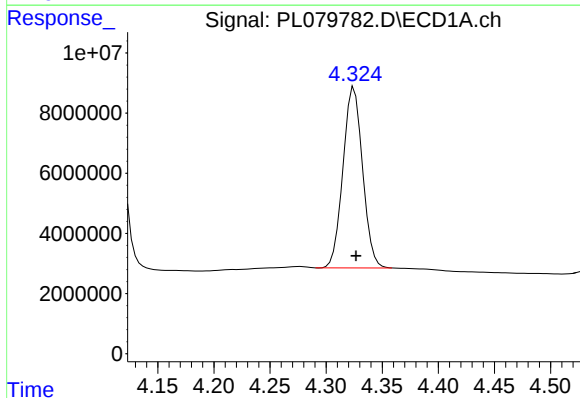
R.T.: 5.017 min
Delta R.T.: -0.002 min
Response: 173868988
Conc: 55.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



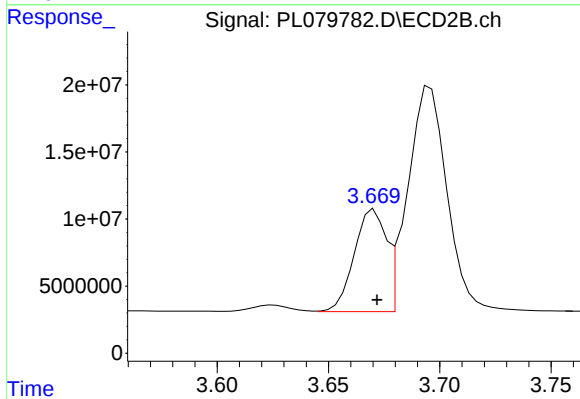
#5 Aldrin

R.T.: 3.967 min
Delta R.T.: -0.003 min
Response: 209835376
Conc: 56.52 ng/ml



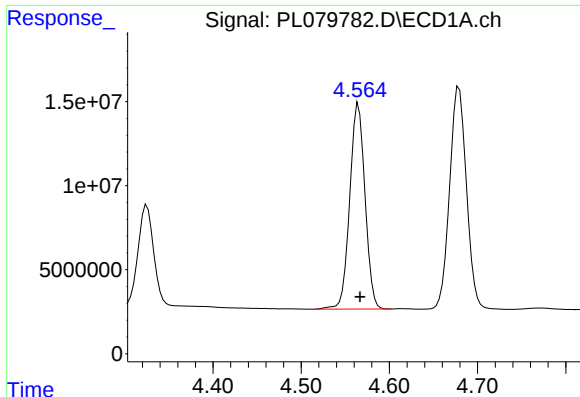
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 72939213
Conc: 51.66 ng/ml



#6 beta-BHC

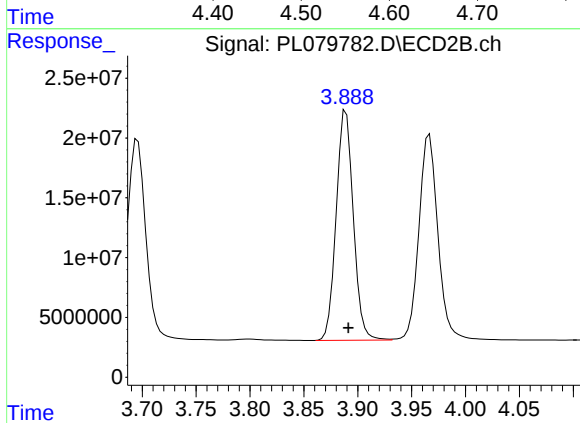
R.T.: 3.671 min
Delta R.T.: -0.001 min
Response: 76069827
Conc: 50.21 ng/ml



#7 delta-BHC

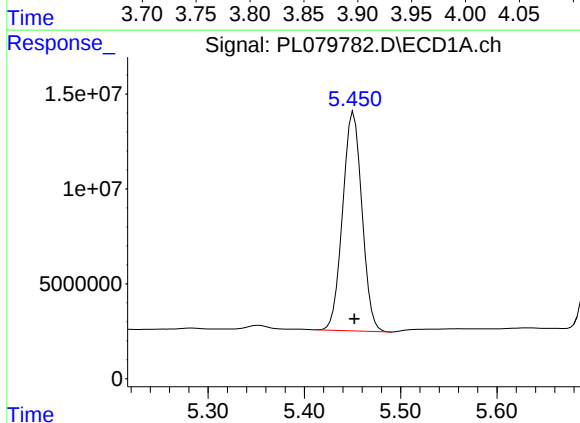
R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 147370877
Conc: 53.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



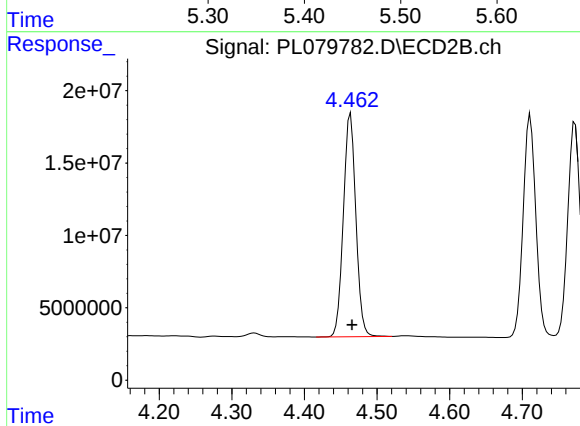
#7 delta-BHC

R.T.: 3.889 min
Delta R.T.: -0.002 min
Response: 212467356
Conc: 55.23 ng/ml



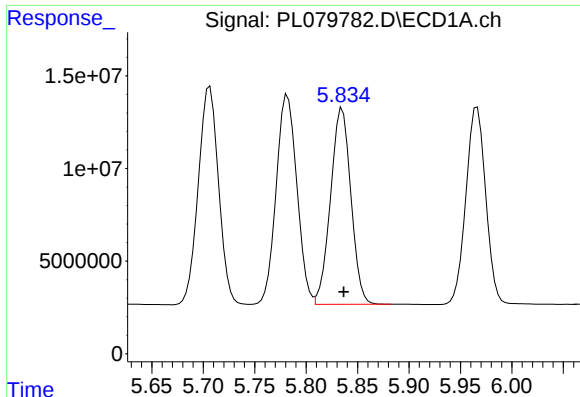
#8 Heptachlor epoxide

R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 160274463
Conc: 56.14 ng/ml



#8 Heptachlor epoxide

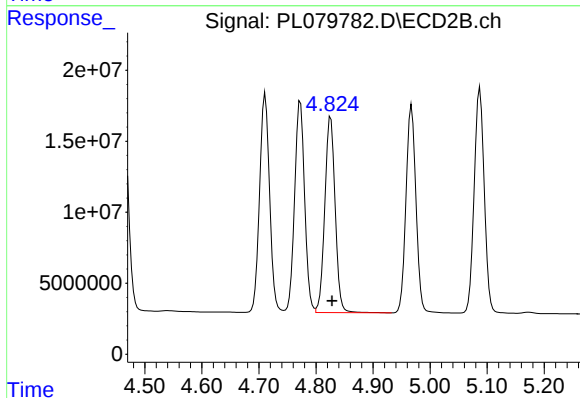
R.T.: 4.464 min
Delta R.T.: -0.002 min
Response: 184491686
Conc: 54.66 ng/ml



#9 Endosulfan I

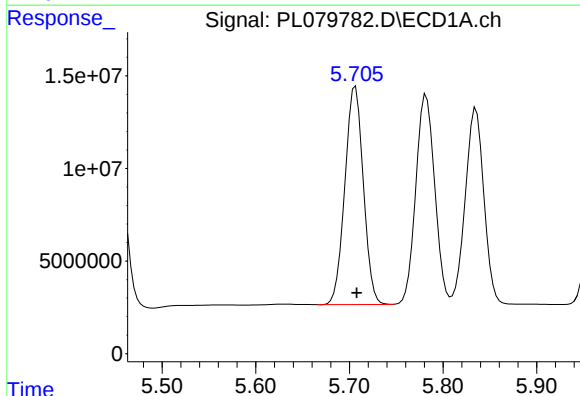
R.T.: 5.835 min
Delta R.T.: -0.001 min
Response: 146074273
Conc: 54.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



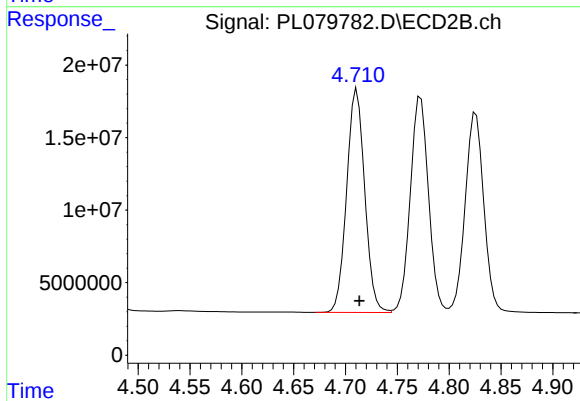
#9 Endosulfan I

R.T.: 4.826 min
Delta R.T.: -0.002 min
Response: 173469349
Conc: 54.21 ng/ml



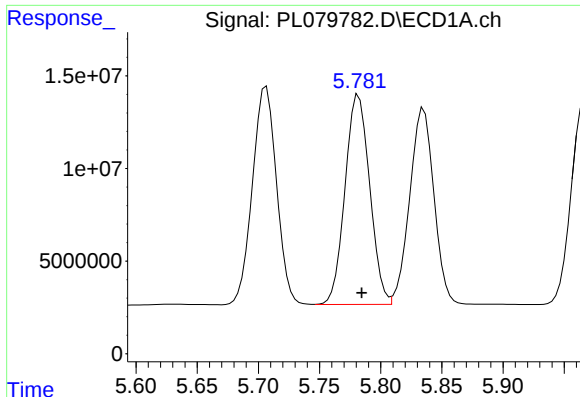
#10 gamma-Chlordane

R.T.: 5.706 min
Delta R.T.: -0.001 min
Response: 161392607
Conc: 56.41 ng/ml



#10 gamma-Chlordane

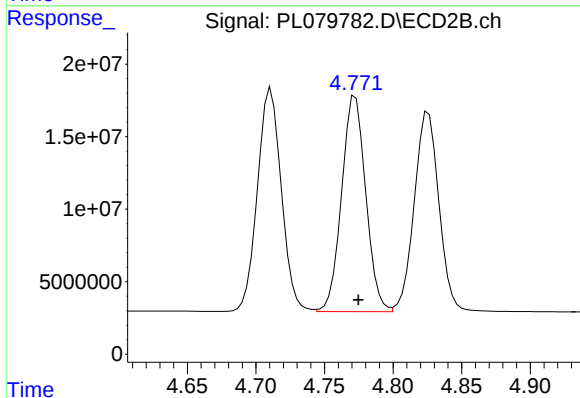
R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 186694578
Conc: 55.17 ng/ml



#11 alpha-Chlordane

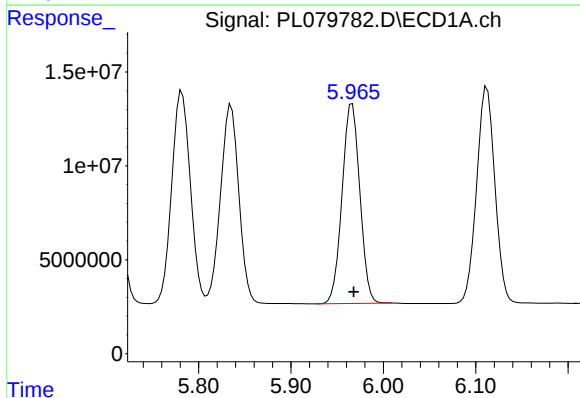
R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 158792862
Conc: 55.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



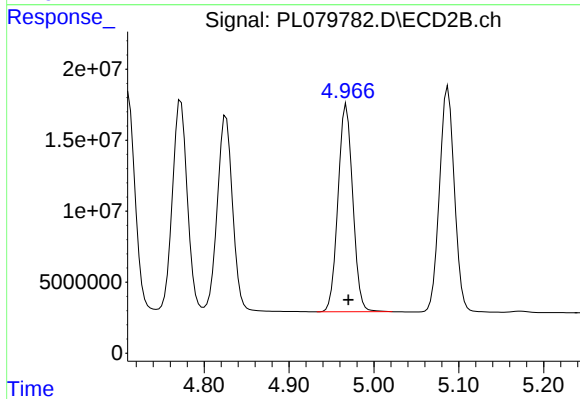
#11 alpha-Chlordane

R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 182203350
Conc: 54.40 ng/ml



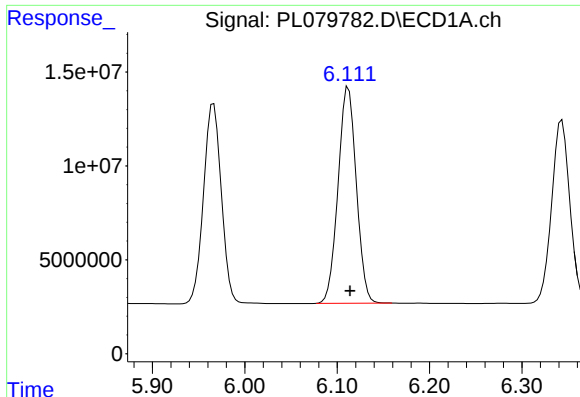
#12 4,4'-DDE

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 142216611
Conc: 56.92 ng/ml



#12 4,4'-DDE

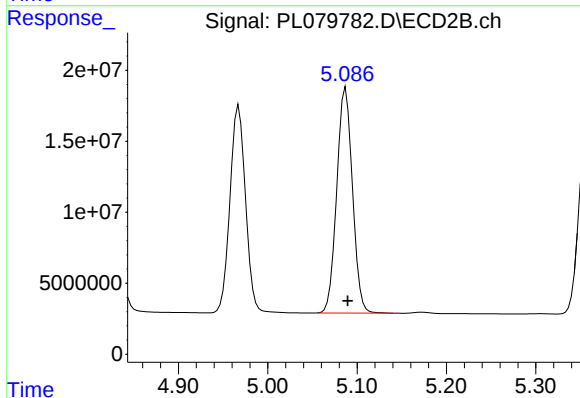
R.T.: 4.968 min
Delta R.T.: -0.002 min
Response: 176053613
Conc: 57.42 ng/ml



#13 Dieldrin

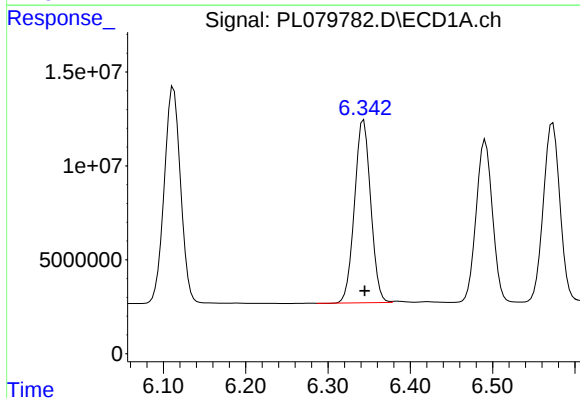
R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 158287910
Conc: 57.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



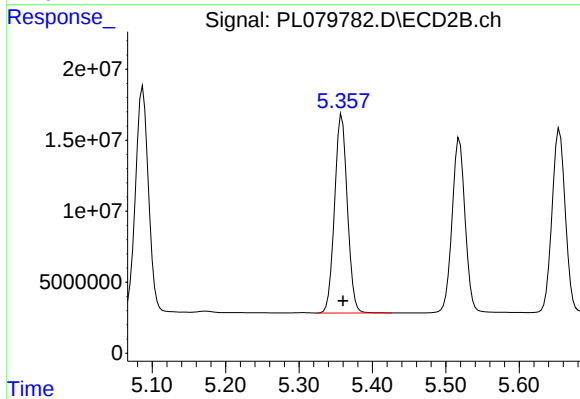
#13 Dieldrin

R.T.: 5.087 min
Delta R.T.: -0.002 min
Response: 193674694
Conc: 57.45 ng/ml



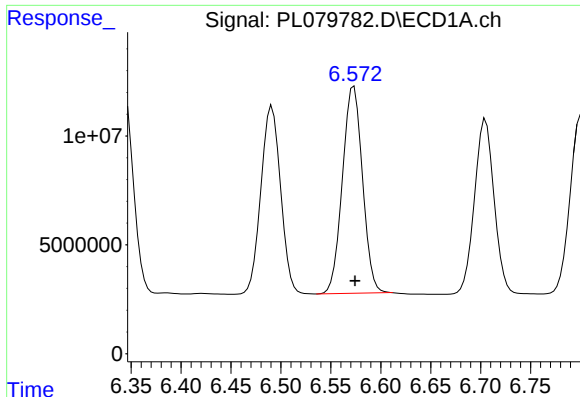
#14 Endrin

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 132867189
Conc: 54.92 ng/ml



#14 Endrin

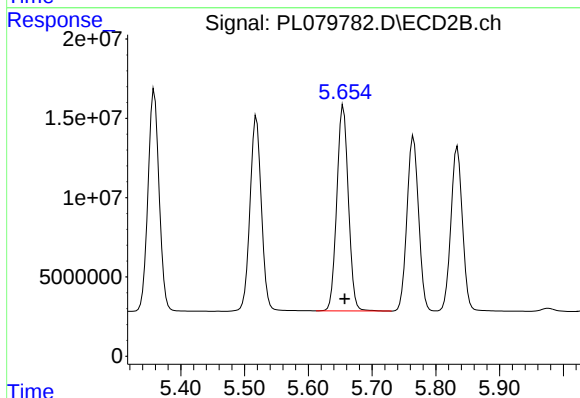
R.T.: 5.358 min
Delta R.T.: -0.002 min
Response: 169202587
Conc: 55.94 ng/ml



#15 Endosulfan II

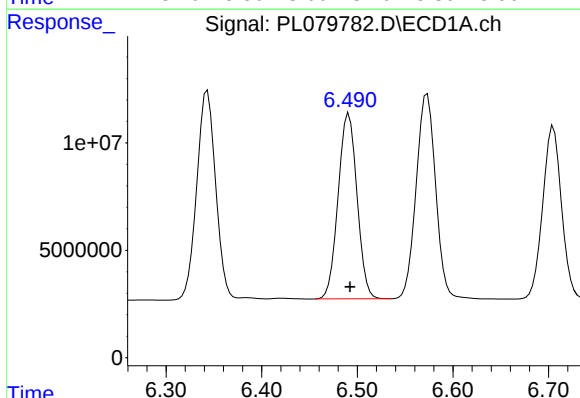
R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 132931809
Conc: 58.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



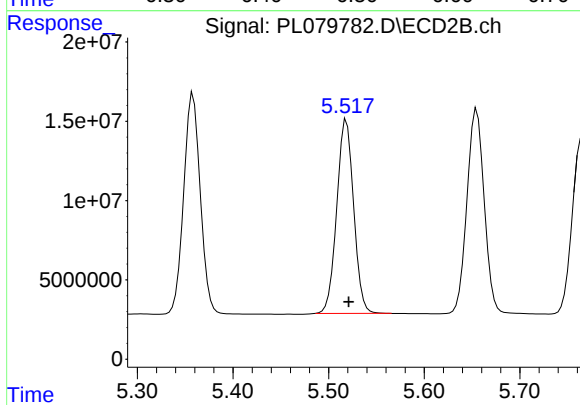
#15 Endosulfan II

R.T.: 5.655 min
Delta R.T.: -0.002 min
Response: 163445480
Conc: 58.41 ng/ml



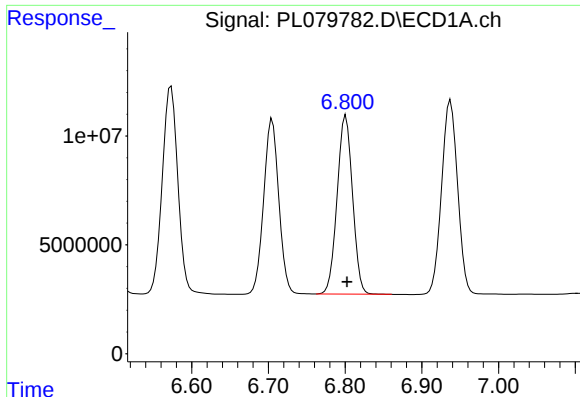
#16 4,4'-DDD

R.T.: 6.491 min
Delta R.T.: -0.001 min
Response: 118702346
Conc: 59.83 ng/ml



#16 4,4'-DDD

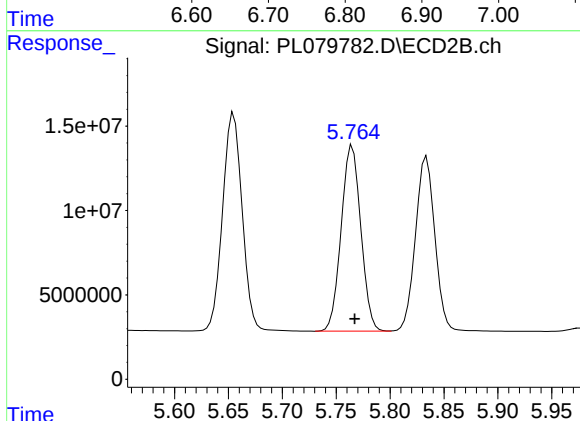
R.T.: 5.519 min
Delta R.T.: -0.002 min
Response: 150314376
Conc: 60.09 ng/ml



#17 4,4'-DDT

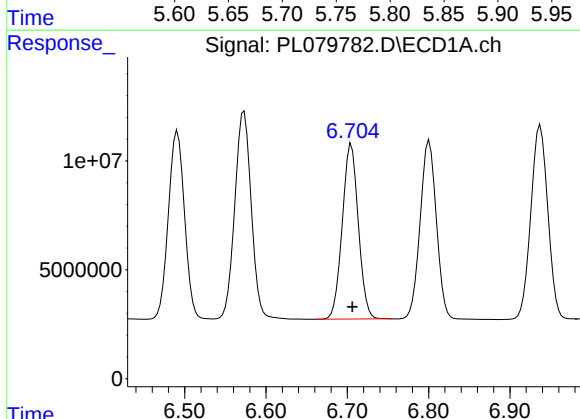
R.T.: 6.801 min
Delta R.T.: -0.001 min
Response: 114363911
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



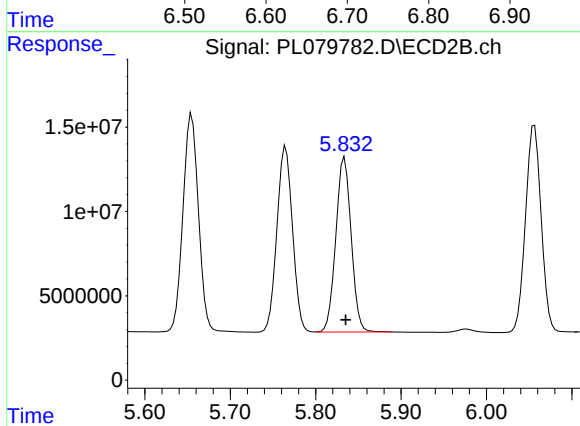
#17 4,4'-DDT

R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 139752182
Conc: 53.47 ng/ml



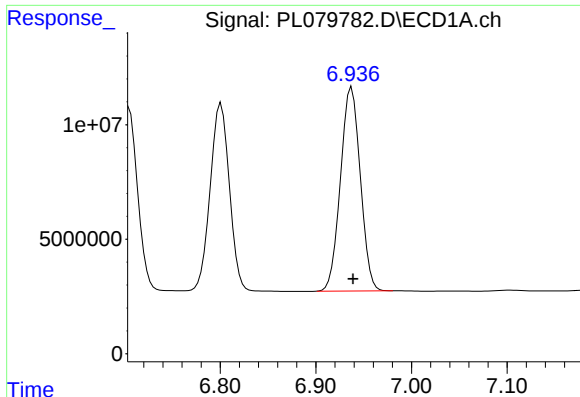
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 109990370
Conc: 60.73 ng/ml



#18 Endrin aldehyde

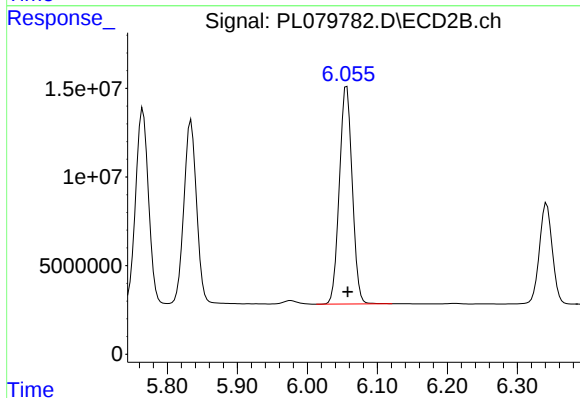
R.T.: 5.834 min
Delta R.T.: -0.002 min
Response: 129597189
Conc: 60.89 ng/ml



#19 Endosulfan Sulfate

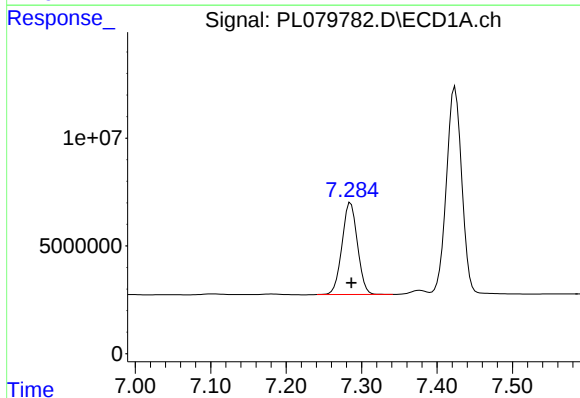
R.T.: 6.937 min
Delta R.T.: -0.002 min
Response: 128671681
Conc: 55.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



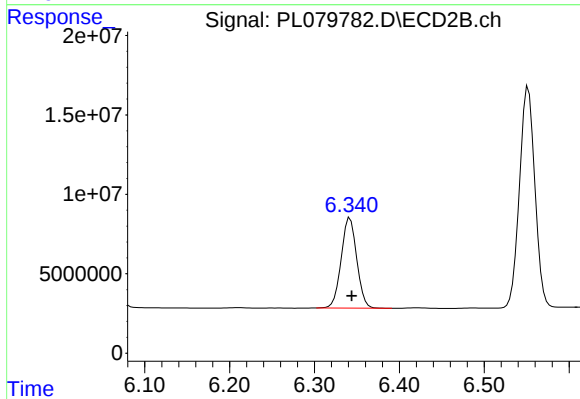
#19 Endosulfan Sulfate

R.T.: 6.056 min
Delta R.T.: -0.002 min
Response: 156794080
Conc: 55.57 ng/ml



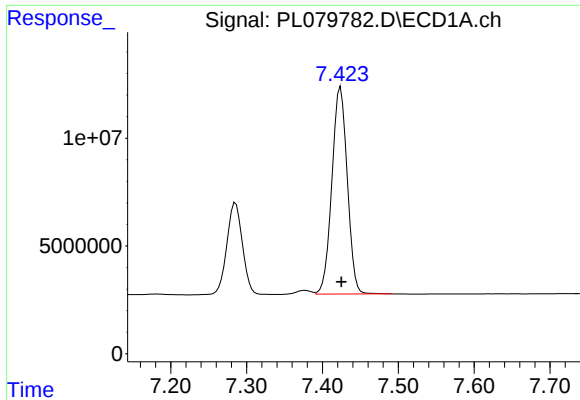
#20 Methoxychlor

R.T.: 7.285 min
Delta R.T.: -0.001 min
Response: 60588752
Conc: 50.22 ng/ml



#20 Methoxychlor

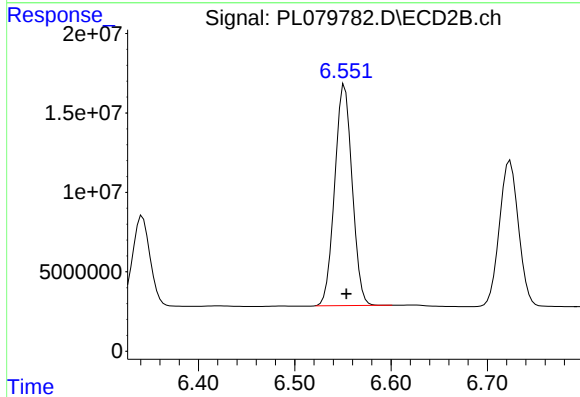
R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 72384642
Conc: 53.26 ng/ml



#21 Endrin ketone

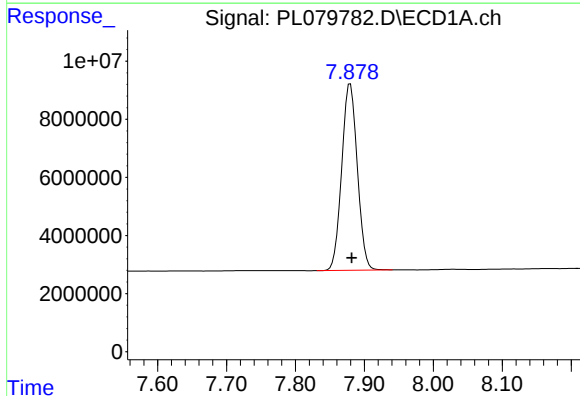
R.T.: 7.424 min
Delta R.T.: -0.001 min
Response: 135575049
Conc: 54.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



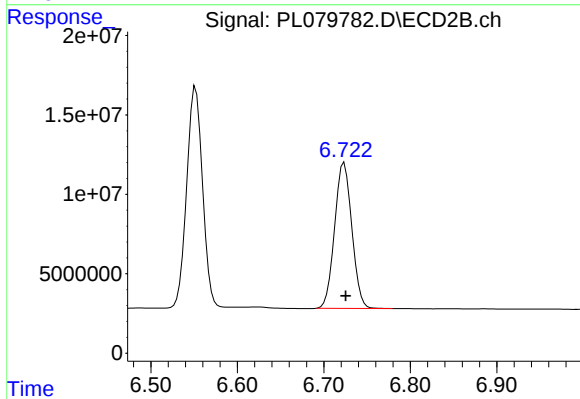
#21 Endrin ketone

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 175414790
Conc: 56.95 ng/ml



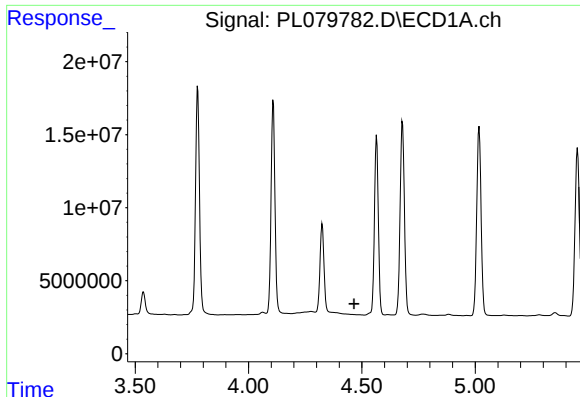
#22 Mirex

R.T.: 7.880 min
Delta R.T.: -0.002 min
Response: 101136858
Conc: 53.40 ng/ml



#22 Mirex

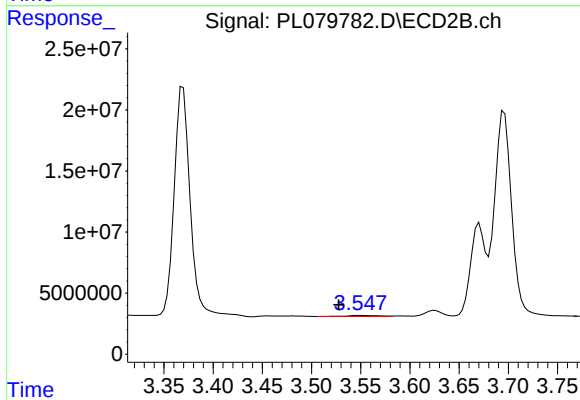
R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 126222037
Conc: 53.37 ng/ml



#23 Chlordane-1

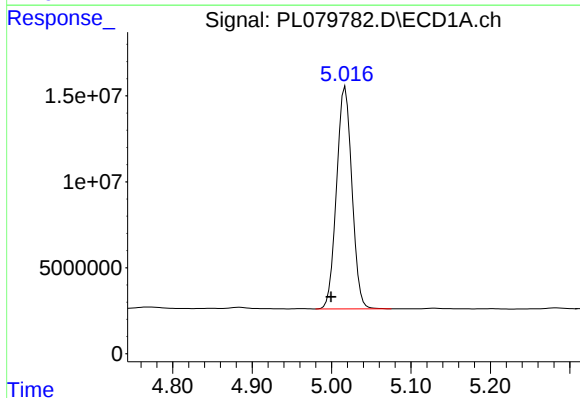
R.T.: 0.000 min
Exp R.T.: 4.465 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



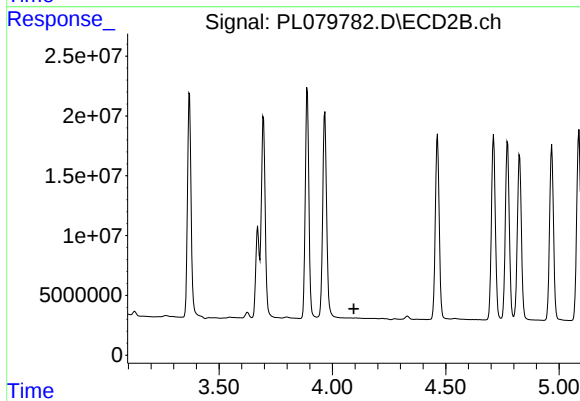
#23 Chlordane-1

R.T.: 3.549 min
Delta R.T.: 0.021 min
Response: 2009227
Conc: 18.89 ng/ml



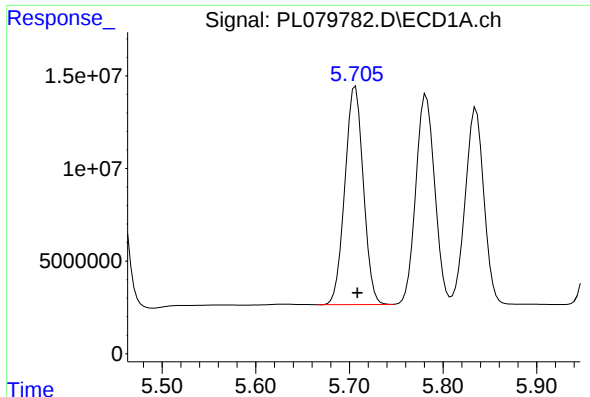
#24 Chlordane-2

R.T.: 5.017 min
Delta R.T.: 0.018 min
Response: 173868988
Conc: 1650.04 ng/ml



#24 Chlordane-2

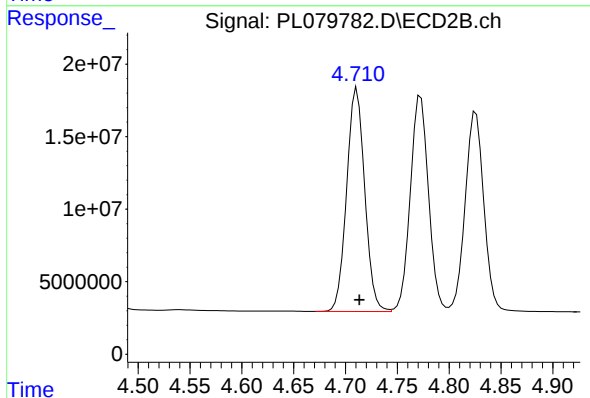
R.T.: 0.000 min
Exp R.T.: 4.094 min
Response: 0
Conc: N.D.



#25 Chlordane-3

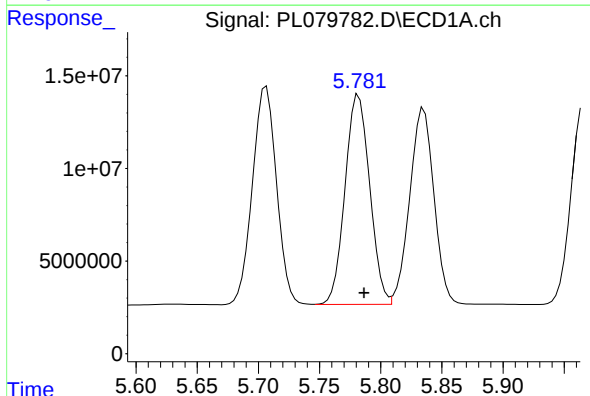
R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 161392607
Conc: 388.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



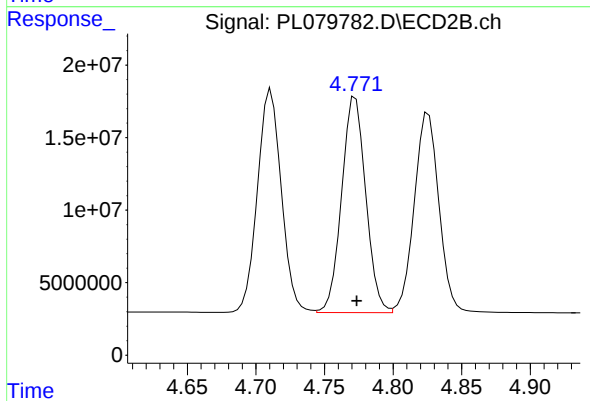
#25 Chlordane-3

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 186694578
Conc: 558.46 ng/ml



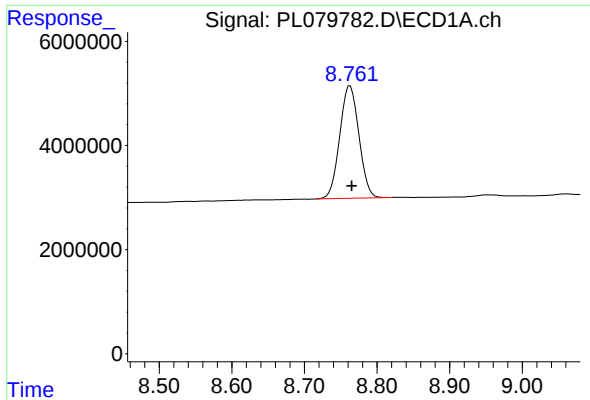
#26 Chlordane-4

R.T.: 5.782 min
Delta R.T.: -0.004 min
Response: 158792862
Conc: 312.10 ng/ml



#26 Chlordane-4

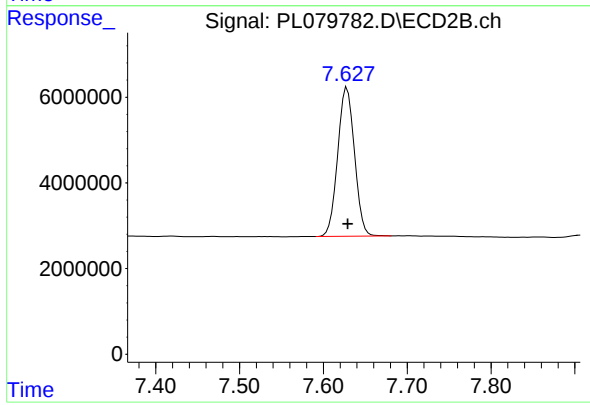
R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 182203350
Conc: 502.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.763 min
Delta R.T.: -0.002 min
Response: 39745997
Conc: 20.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MSD



#28 Decachlorobiphenyl

R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 48377856
Conc: 20.59 ng/ml