

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100622\
 Data File : PL078132.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2022 11:18
 Operator : AR\AJ
 Sample : N4519-03
 Misc : PEST MDL 1PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-QT4-2022-07

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 23:05:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100522CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 05 01:39:00 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 x 0.50µm

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

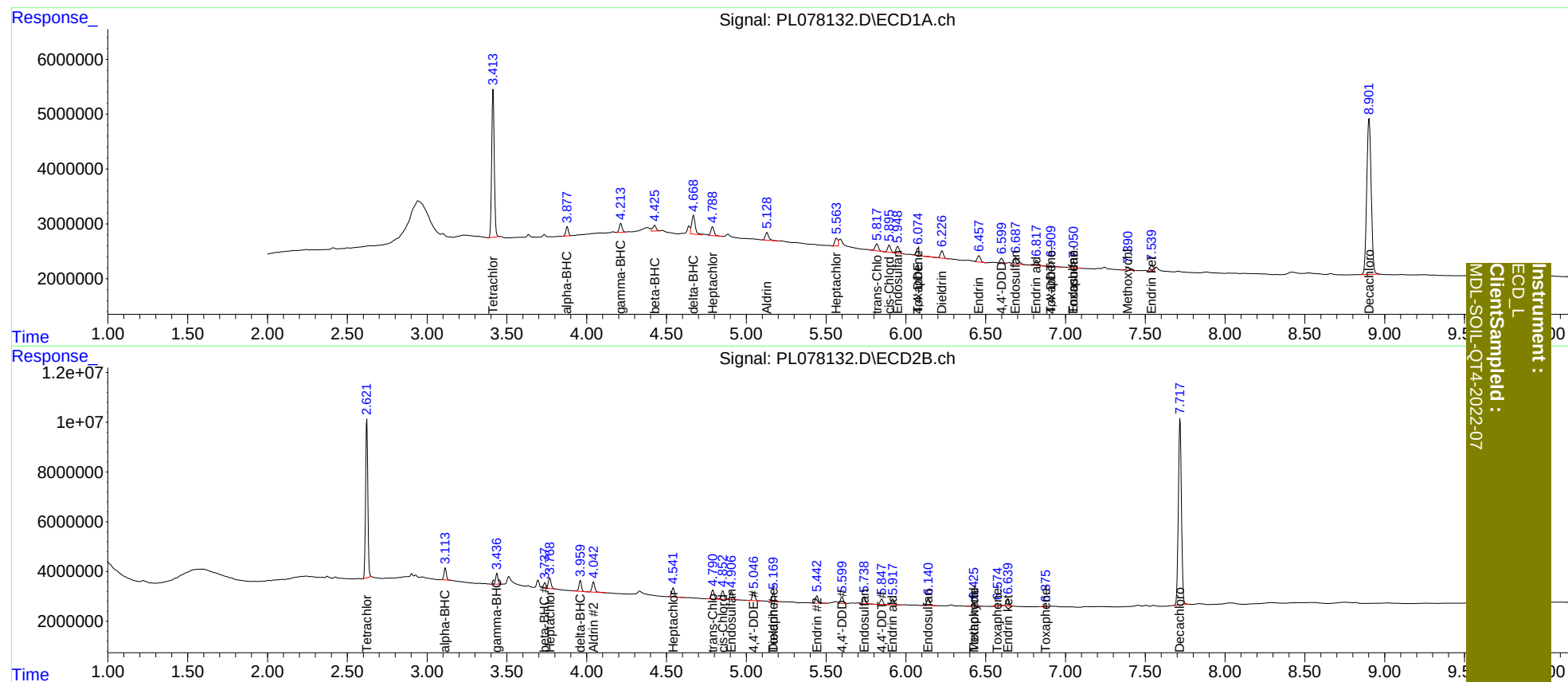
System Monitoring Compounds							
1)	SA Tetrachlo...	3.414	2.622	29974451	60958740	16.993	18.118
27)	SA Decachlor...	8.902	7.718	54490196	103.0E6	35.950	38.021
Target Compounds							
2)	A alpha-BHC	3.878	3.114	1879463	4791269	0.748	0.955 #
3)	MA gamma-BHC...	4.214	3.438	2023312	4376968	0.839	0.956
4)	MA Heptachlor	4.789	3.769	2277666	4994481	0.944	1.087
5)	MB Aldrin	5.130	4.043	2119340	5021557	0.971	1.126
6)	B beta-BHC	4.426	3.739	1656063	2485013	1.408	1.252
7)	B delta-BHC	4.670	3.961	5230011	4698115	2.141	0.999 #
8)	B Heptachlo...	5.565	4.542	1885799	4291359	0.891	1.088
9)	A Endosulfan I	5.950	4.907	1702956	3813344	0.959	1.055
10)	B trans-Chl...	5.819	4.791	1837348	4644230	0.941	1.149
11)	B cis-Chlor...	5.896	4.853	1807040	4281532	0.958	1.110
12)	B 4,4'-DDE	6.076	5.048	1833832	4022265	0.978	1.071
13)	MA Dieldrin	6.227	5.171	1752681	4120460	0.942	1.059
14)	MA Endrin	6.459	5.443	1665157	3751651	1.033	1.163
15)	B Endosulfa...	6.688	5.739	2398280	3472438	1.487	1.098 #
16)	A 4,4'-DDD	6.600	5.600	1419370	3377079	1.046	1.118
17)	MA 4,4'-DDT	6.910	5.849	1366394	2733487	0.939	0.905
18)	B Endrin al...	6.819	5.918	1330567	2859663	0.989	1.106
19)	B Endosulfa...	7.051	6.141	1388121	3711858	0.935	1.197 #
20)	A Methoxychlor	7.392	6.426	813356	1857616	1.084	1.248
21)	B Endrin ke...	7.540	6.640	1635431	3630546	1.017	1.093
22)	Toxaphene-1	6.076f	5.171	1833832	4120460	131.040	254.771 #
23)	Toxaphene-2	6.910	6.426	1366394	1857616	33.413	27.624
24)	Toxaphene-3	7.051	6.575f	1388121	1710685	43.324	18.786 #
25)	Toxaphene-4	0.000	6.877	0	473300	N.D.	8.632

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

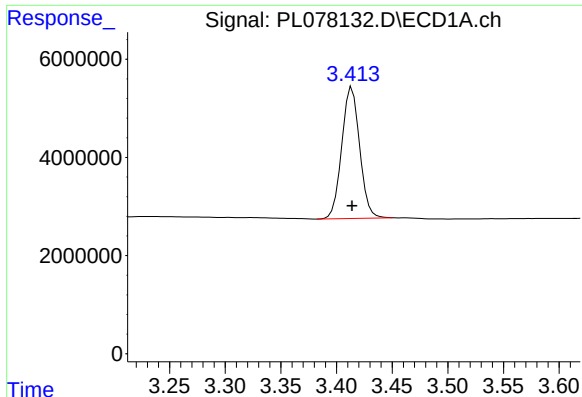
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100622\
Data File : PL078132.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Oct 2022 11:18
Operator : AR\AJ
Sample : N4519-03
Misc : PEST MDL 1PPB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:05:02 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100522CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 05 01:39:00 2022
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



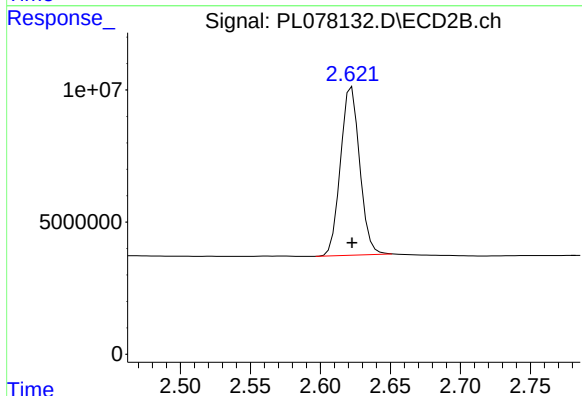
Instrument :
ECD_L
ClientSample :
MDL-SOIL-QT4-2022-07



#1 Tetrachloro-m-xylene

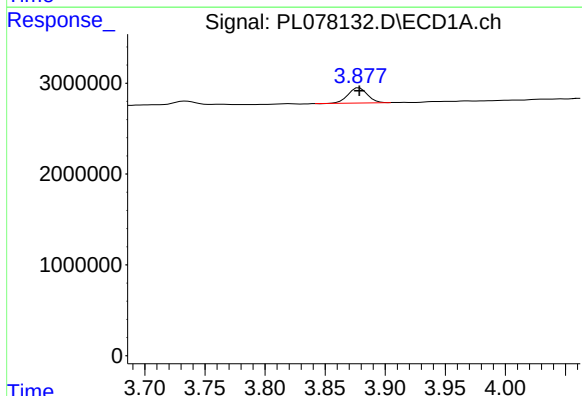
R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 29974451
Conc: 16.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



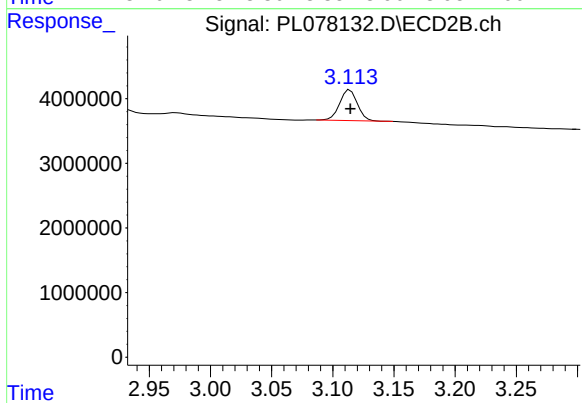
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 60958740
Conc: 18.12 ng/ml



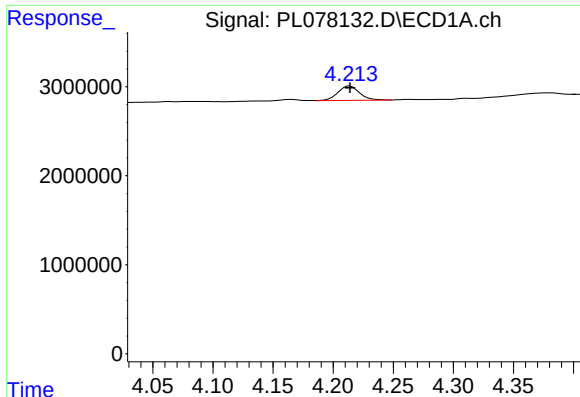
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 1879463
Conc: 0.75 ng/ml



#2 alpha-BHC

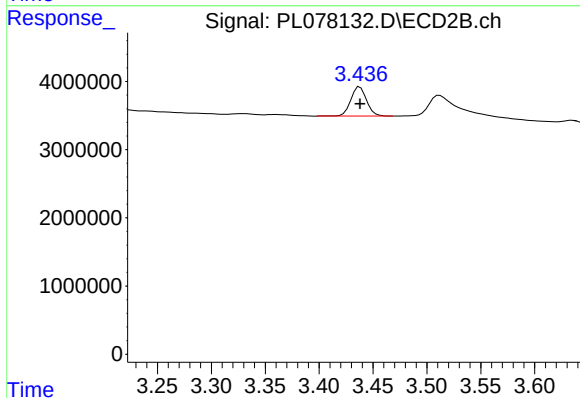
R.T.: 3.114 min
Delta R.T.: 0.000 min
Response: 4791269
Conc: 0.95 ng/ml



#3 gamma-BHC (Lindane)

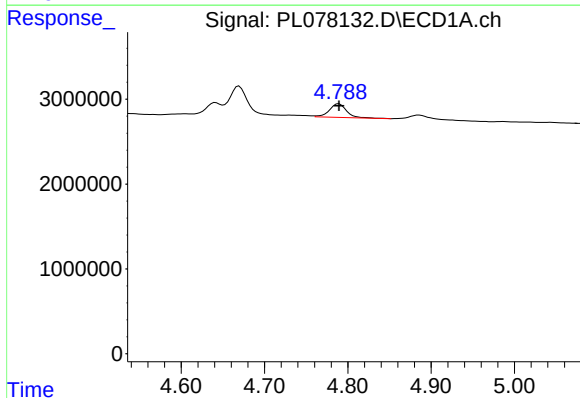
R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 2023312
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



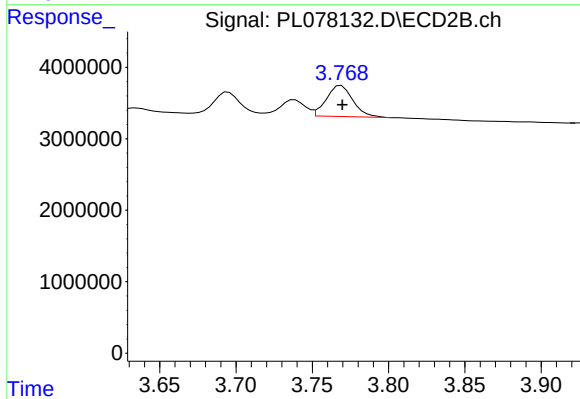
#3 gamma-BHC (Lindane)

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 4376968
Conc: 0.96 ng/ml



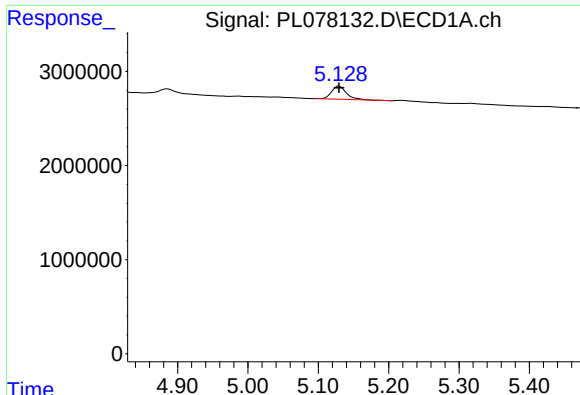
#4 Heptachlor

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 2277666
Conc: 0.94 ng/ml



#4 Heptachlor

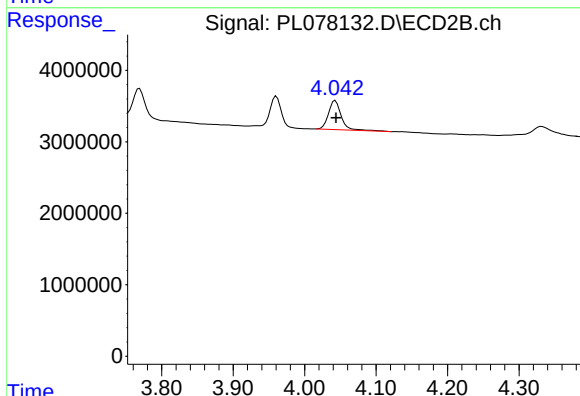
R.T.: 3.769 min
Delta R.T.: 0.000 min
Response: 4994481
Conc: 1.09 ng/ml



#5 Aldrin

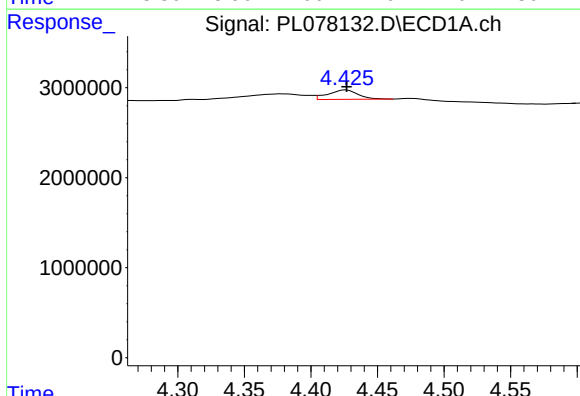
R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 2119340
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



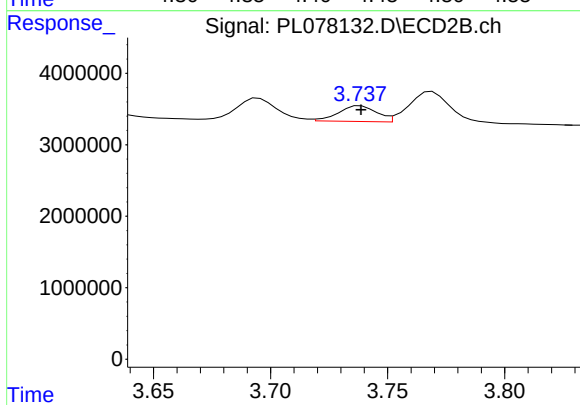
#5 Aldrin

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 5021557
Conc: 1.13 ng/ml



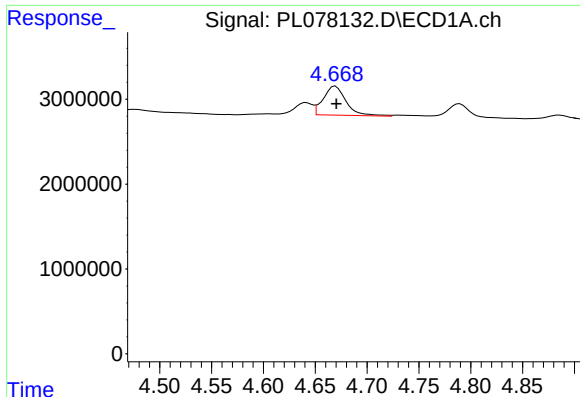
#6 beta-BHC

R.T.: 4.426 min
Delta R.T.: 0.000 min
Response: 1656063
Conc: 1.41 ng/ml



#6 beta-BHC

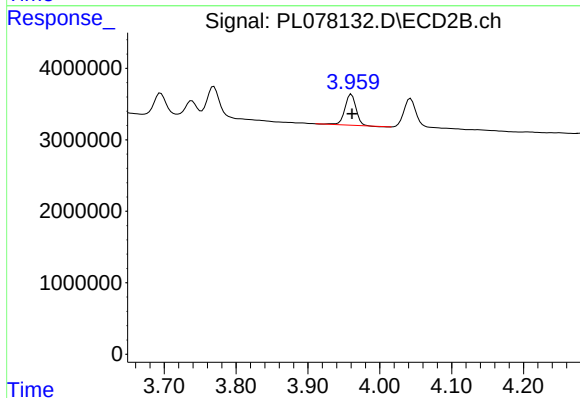
R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 2485013
Conc: 1.25 ng/ml



#7 delta-BHC

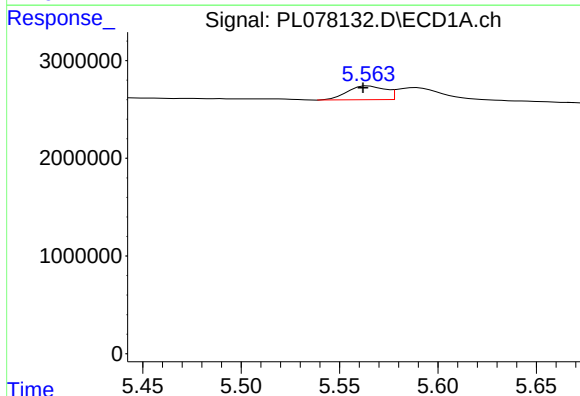
R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 5230011
Conc: 2.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



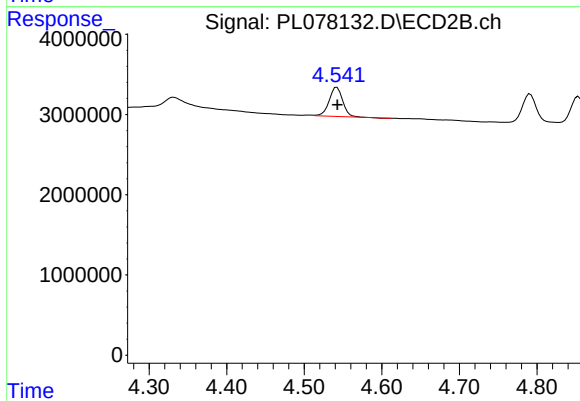
#7 delta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 4698115
Conc: 1.00 ng/ml



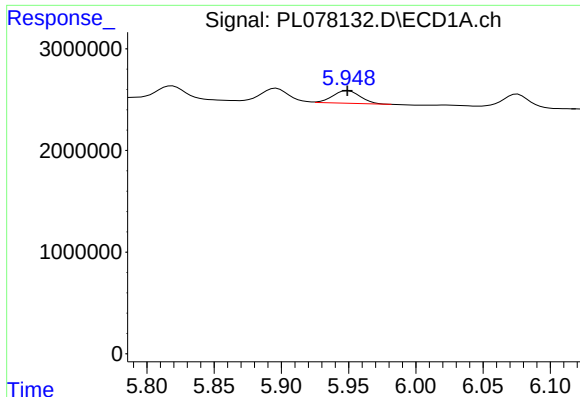
#8 Heptachlor epoxide

R.T.: 5.565 min
Delta R.T.: 0.003 min
Response: 1885799
Conc: 0.89 ng/ml



#8 Heptachlor epoxide

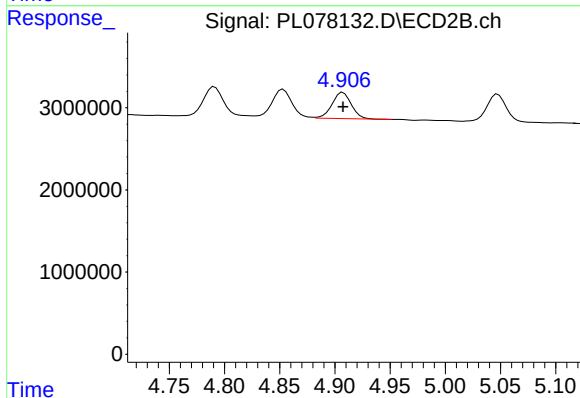
R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 4291359
Conc: 1.09 ng/ml



#9 Endosulfan I

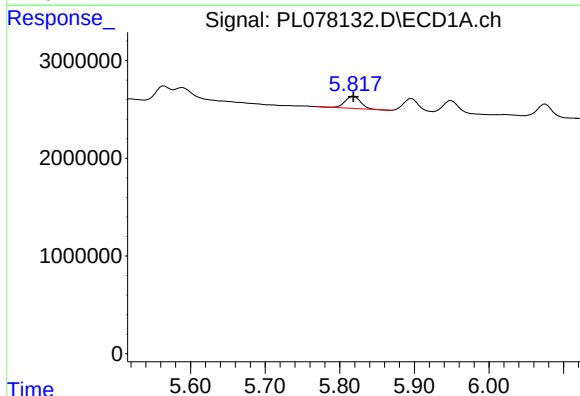
R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 1702956
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



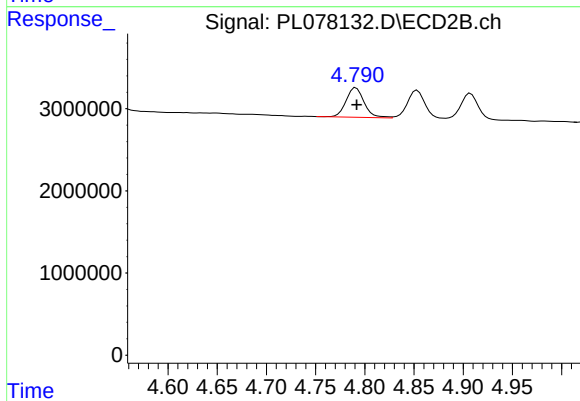
#9 Endosulfan I

R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 3813344
Conc: 1.05 ng/ml



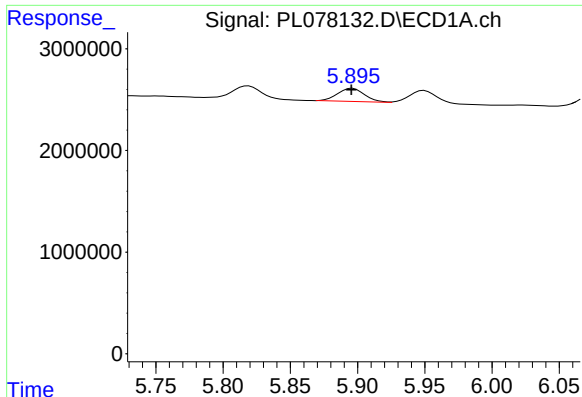
#10 trans-Chlordane

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 1837348
Conc: 0.94 ng/ml



#10 trans-Chlordane

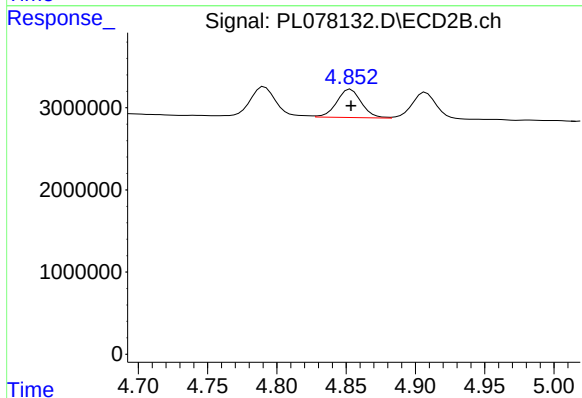
R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 4644230
Conc: 1.15 ng/ml



#11 cis-Chlordane

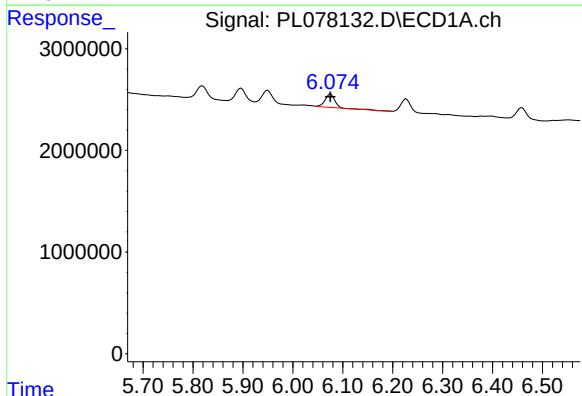
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1807040
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



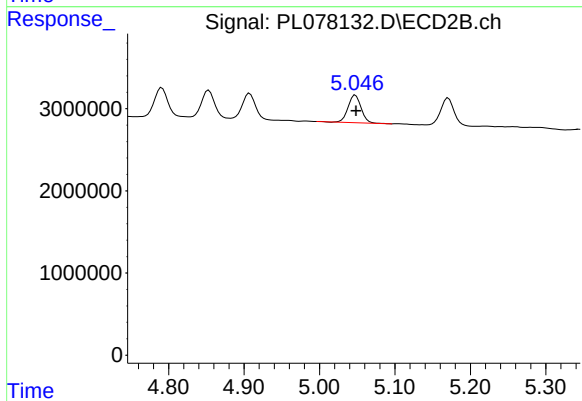
#11 cis-Chlordane

R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 4281532
Conc: 1.11 ng/ml



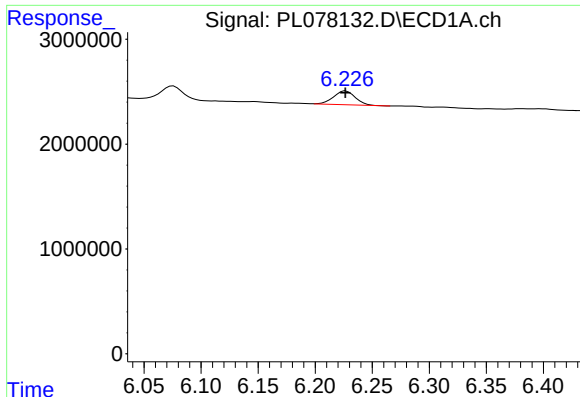
#12 4,4'-DDE

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1833832
Conc: 0.98 ng/ml



#12 4,4'-DDE

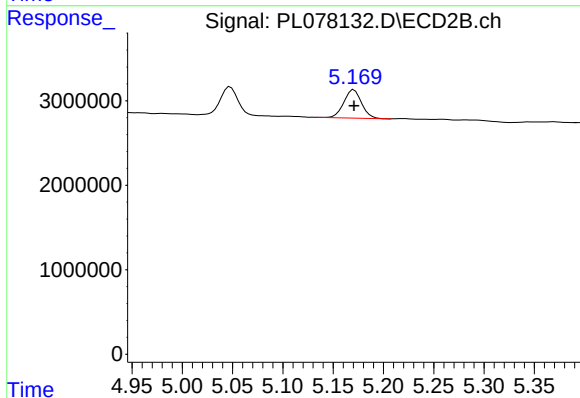
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 4022265
Conc: 1.07 ng/ml



#13 Dieldrin

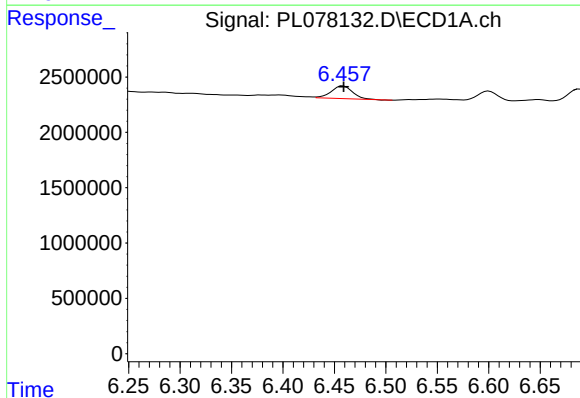
R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 1752681
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



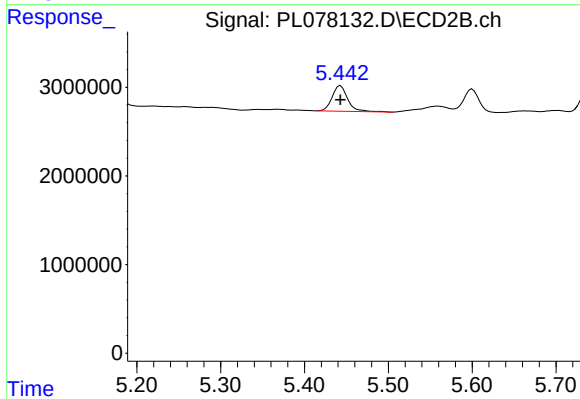
#13 Dieldrin

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 4120460
Conc: 1.06 ng/ml



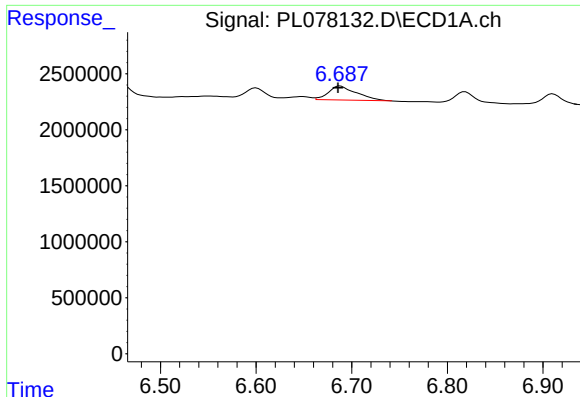
#14 Endrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 1665157
Conc: 1.03 ng/ml



#14 Endrin

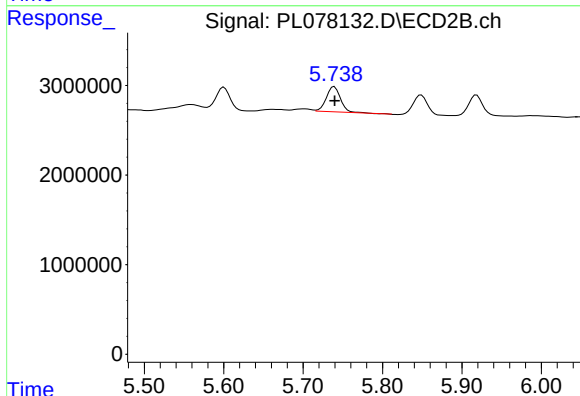
R.T.: 5.443 min
Delta R.T.: 0.000 min
Response: 3751651
Conc: 1.16 ng/ml



#15 Endosulfan II

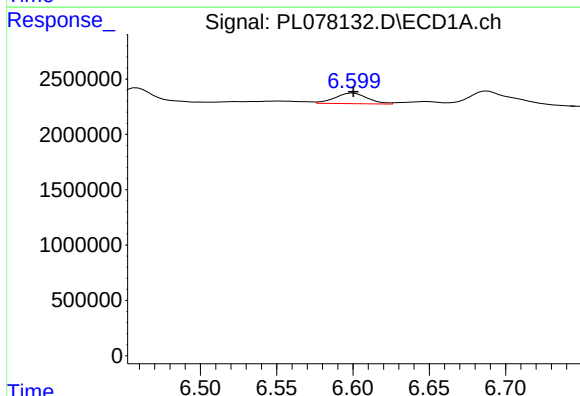
R.T.: 6.688 min
Delta R.T.: 0.002 min
Response: 2398280
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



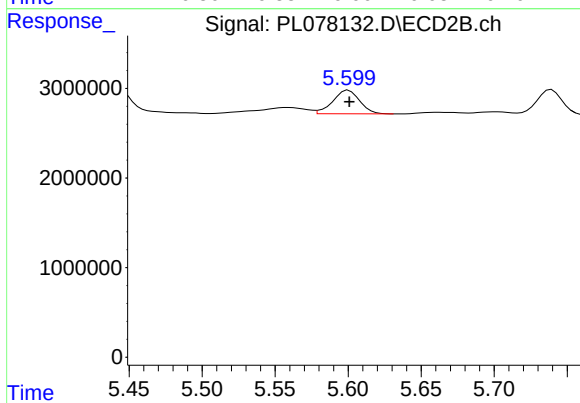
#15 Endosulfan II

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 3472438
Conc: 1.10 ng/ml



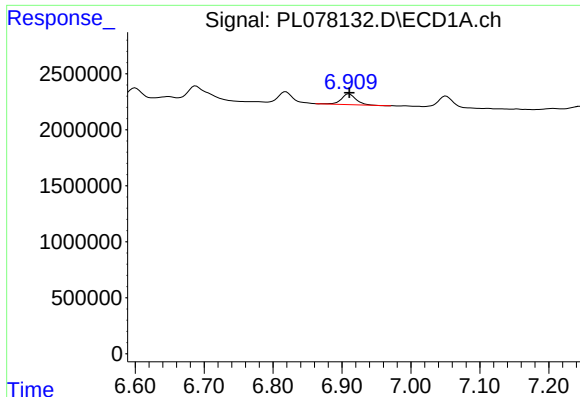
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 1419370
Conc: 1.05 ng/ml



#16 4,4'-DDD

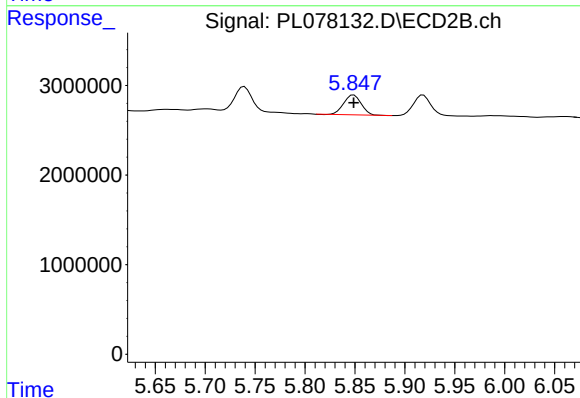
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 3377079
Conc: 1.12 ng/ml



#17 4,4'-DDT

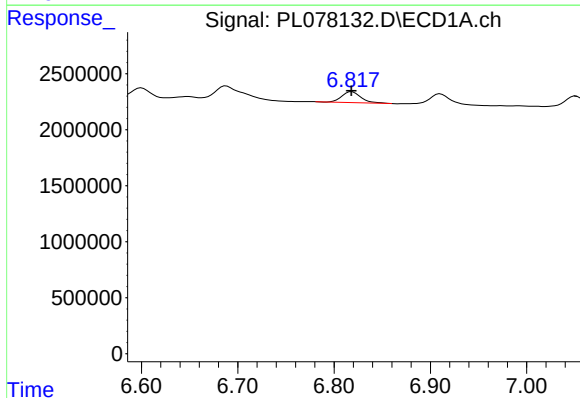
R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 1366394
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



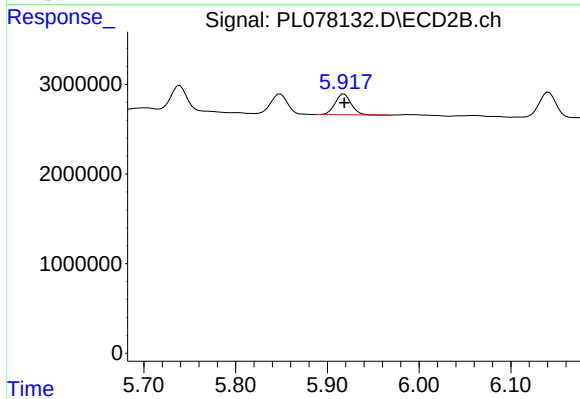
#17 4,4'-DDT

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 2733487
Conc: 0.90 ng/ml



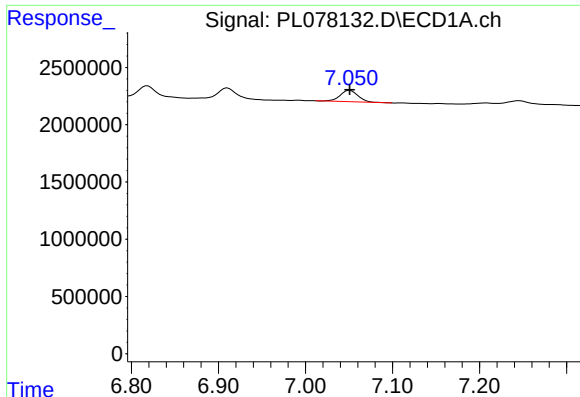
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 1330567
Conc: 0.99 ng/ml



#18 Endrin aldehyde

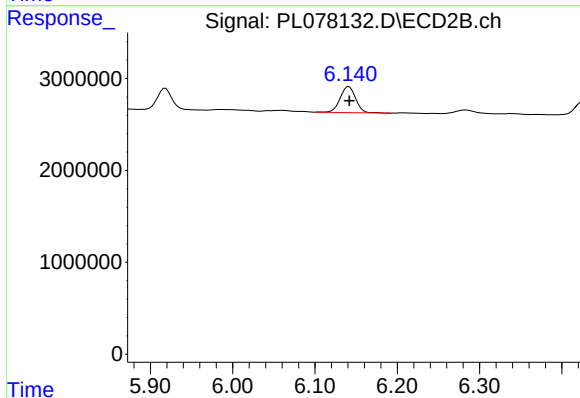
R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 2859663
Conc: 1.11 ng/ml



#19 Endosulfan Sulfate

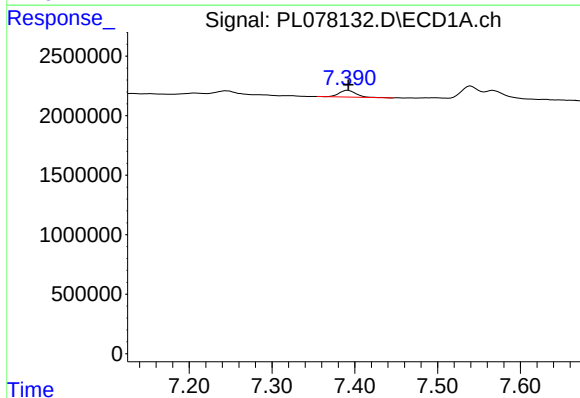
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 1388121
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



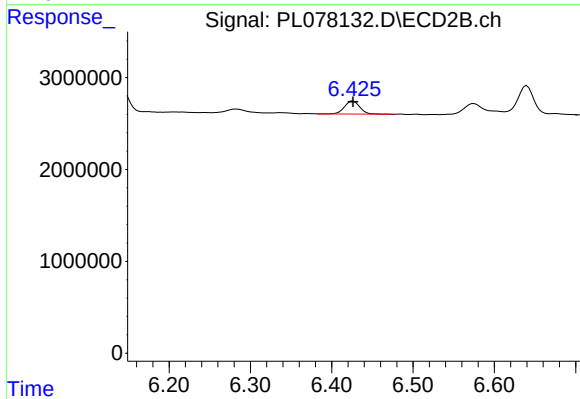
#19 Endosulfan Sulfate

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 3711858
Conc: 1.20 ng/ml



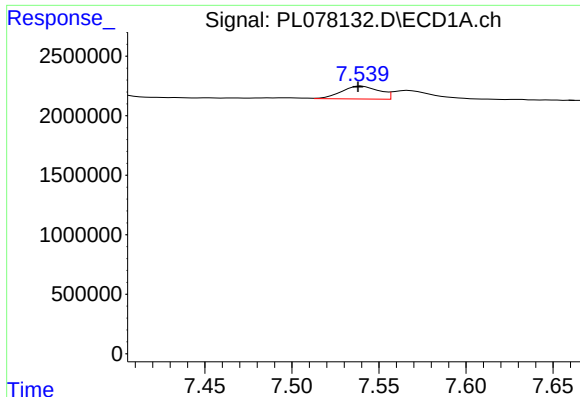
#20 Methoxychlor

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 813356
Conc: 1.08 ng/ml



#20 Methoxychlor

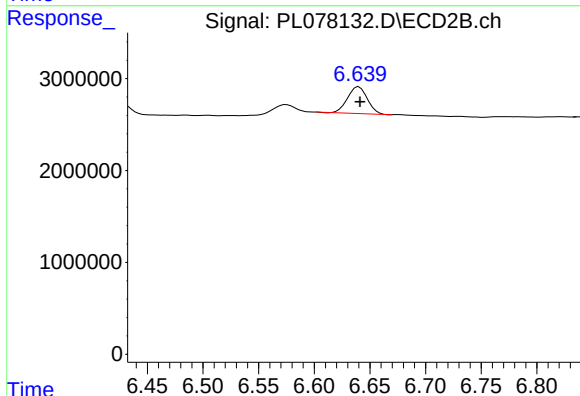
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 1857616
Conc: 1.25 ng/ml



#21 Endrin ketone

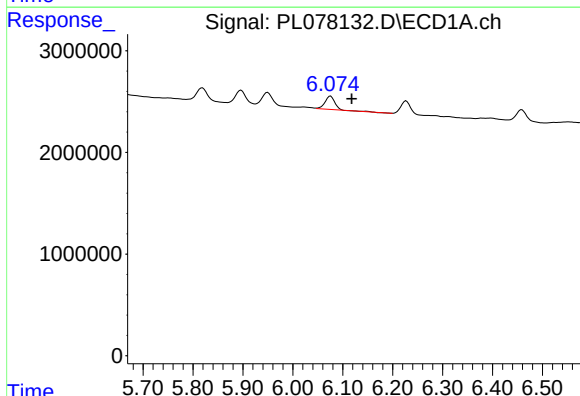
R.T.: 7.540 min
Delta R.T.: 0.002 min
Response: 1635431
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



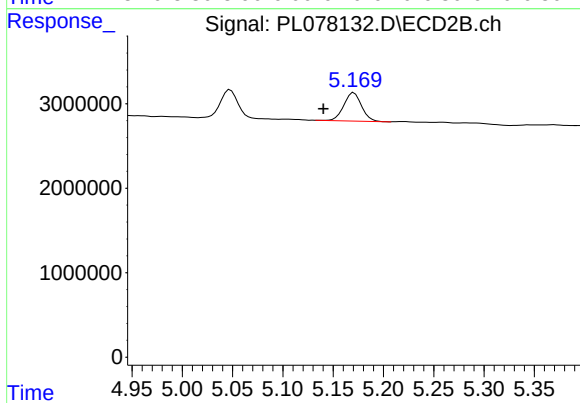
#21 Endrin ketone

R.T.: 6.640 min
Delta R.T.: 0.000 min
Response: 3630546
Conc: 1.09 ng/ml



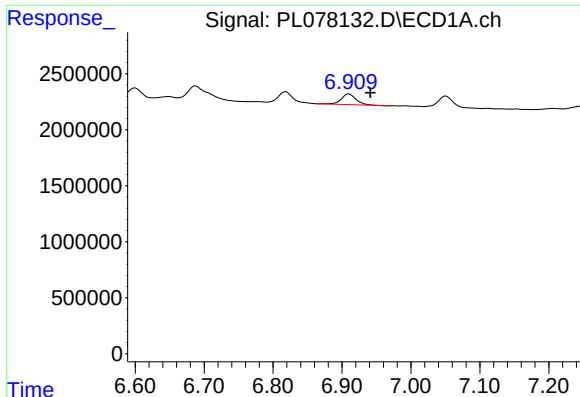
#22 Toxaphene-1

R.T.: 6.076 min
Delta R.T.: -0.042 min
Response: 1833832
Conc: 131.04 ng/ml



#22 Toxaphene-1

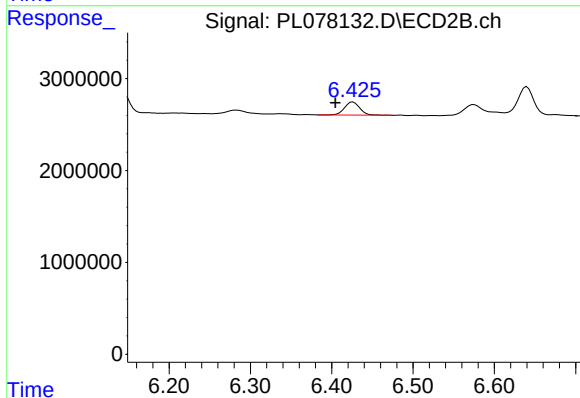
R.T.: 5.171 min
Delta R.T.: 0.030 min
Response: 4120460
Conc: 254.77 ng/ml



#23 Toxaphene-2

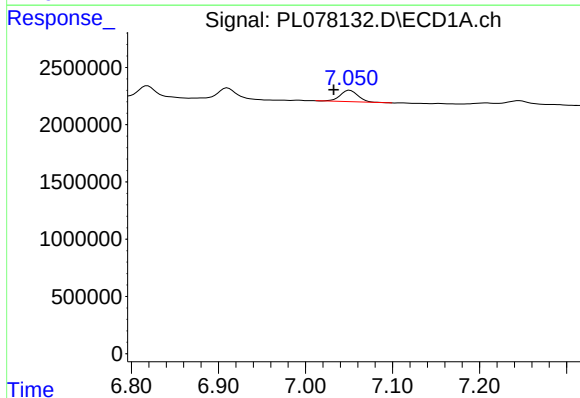
R.T.: 6.910 min
Delta R.T.: -0.031 min
Response: 1366394
Conc: 33.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



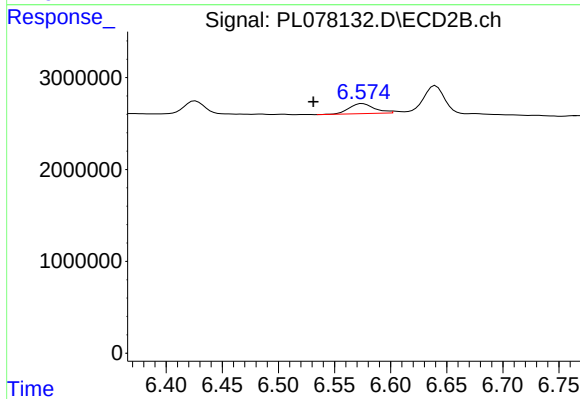
#23 Toxaphene-2

R.T.: 6.426 min
Delta R.T.: 0.022 min
Response: 1857616
Conc: 27.62 ng/ml



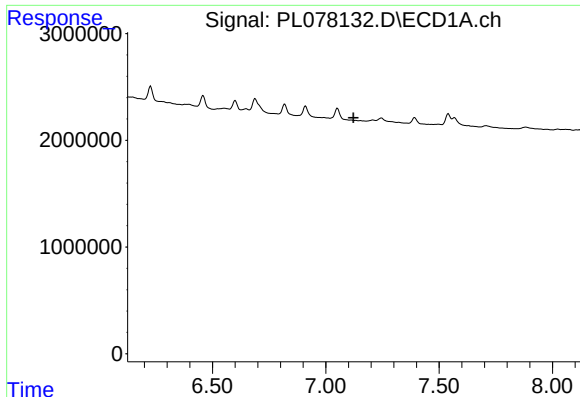
#24 Toxaphene-3

R.T.: 7.051 min
Delta R.T.: 0.018 min
Response: 1388121
Conc: 43.32 ng/ml



#24 Toxaphene-3

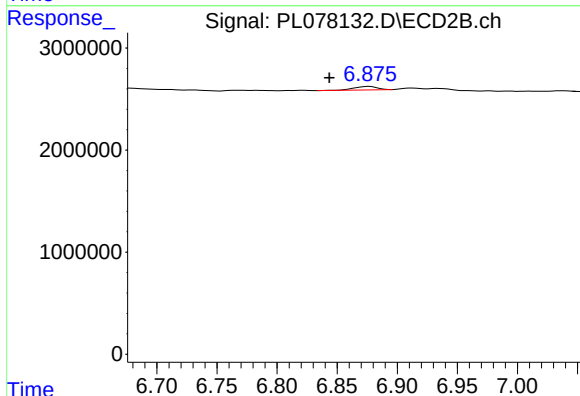
R.T.: 6.575 min
Delta R.T.: 0.044 min
Response: 1710685
Conc: 18.79 ng/ml



#25 Toxaphene-4

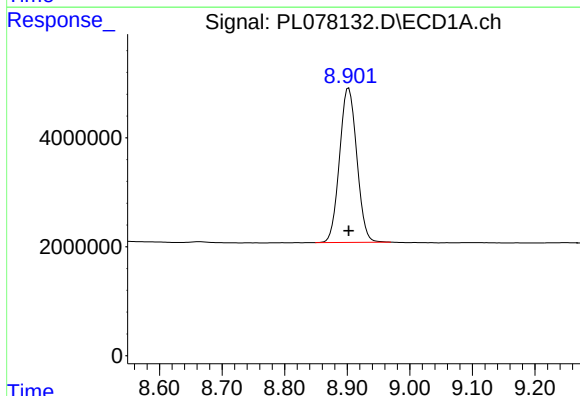
R.T.: 0.000 min
Exp R.T.: 7.122 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2022-07



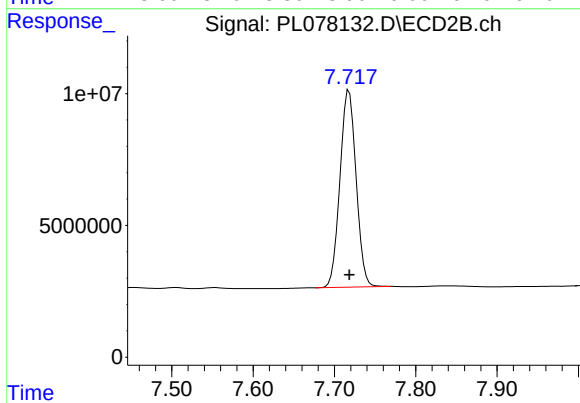
#25 Toxaphene-4

R.T.: 6.877 min
Delta R.T.: 0.033 min
Response: 473300
Conc: 8.63 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: 0.000 min
Response: 54490196
Conc: 35.95 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.718 min
Delta R.T.: 0.000 min
Response: 102954129
Conc: 38.02 ng/ml