

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081024\
 Data File : PL090928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2024 12:52
 Operator : AR\AJ
 Sample : P3391-04
 Misc : PEST MDL SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 23:16:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080824CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 15:00:49 2024
 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

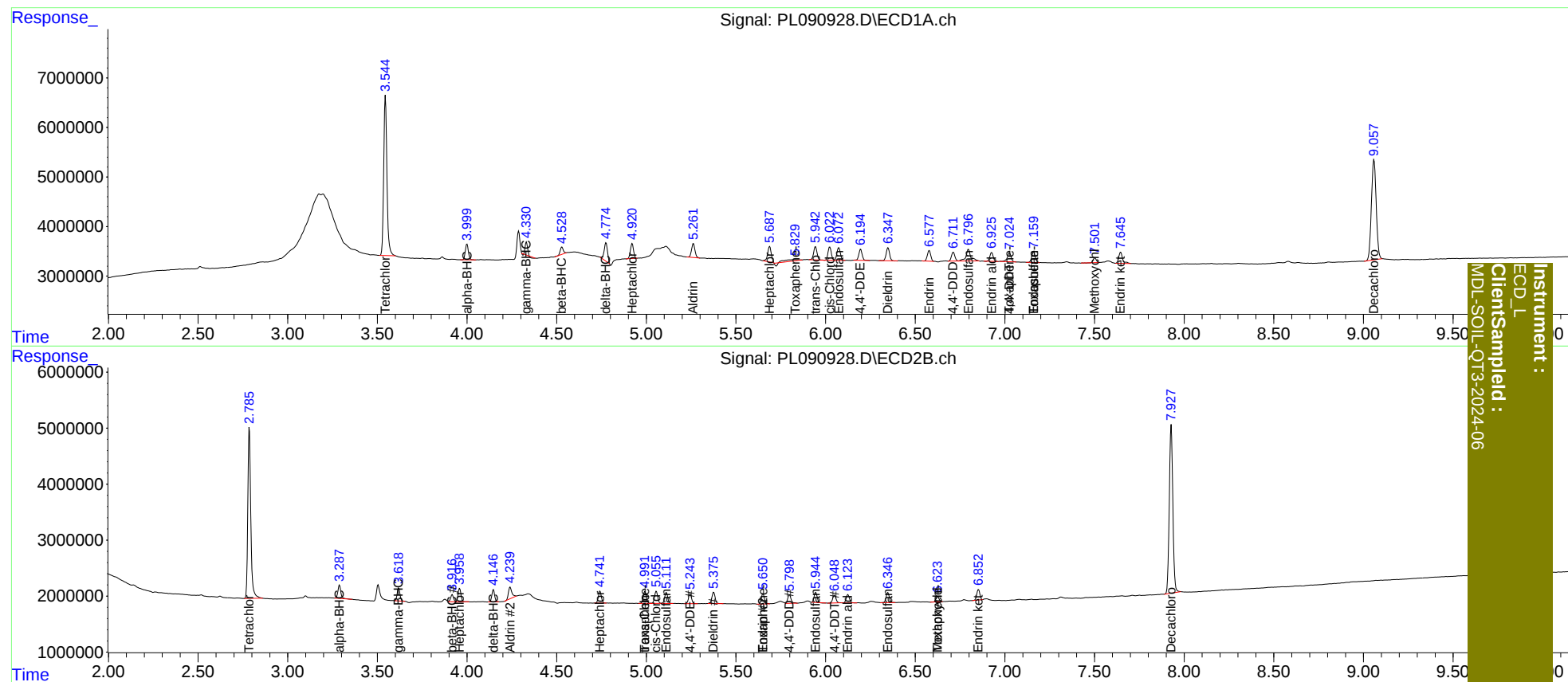
System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.786	40240961	35015297	19.872	19.952
27)	SA Decachlor...	9.059	7.928	37614127	41314256	24.161	24.073
Target Compounds							
2)	A alpha-BHC	4.000	3.289	3786597	2633712	1.274	1.065
3)	MA gamma-BHC...	4.332	3.619	2012594	2491537	0.722	1.062 #
4)	MA Heptachlor	4.921	3.959	3664562	2669841	1.382	1.156
5)	MB Aldrin	5.263	4.241	3735832	2854941	1.491	1.339
6)	B beta-BHC	4.529	3.918	1661235	1450897	1.247	1.297
7)	B delta-BHC	4.775	4.147	4753010	2350933	1.698	1.005 #
8)	B Heptachlo...	5.688	4.742	4355507	2460571	1.672	1.205 #
9)	A Endosulfan I	6.074	5.112	3482426	2358942	1.570	1.443
10)	B trans-Chl...	5.944	4.992	3578029	2612214	1.569	1.287
11)	B cis-Chlor...	6.023	5.056	3513793	2673905	1.502	1.284
12)	B 4,4'-DDE	6.196	5.245	2926855	2137063	1.465	1.142
13)	MA Dieldrin	6.349	5.376	3454965	2515702	1.530	1.194
14)	MA Endrin	6.578	5.651	2795426	2211832	1.533	1.155
15)	B Endosulfa...	6.797	5.945	4441059	2080996	2.312	1.166 #
16)	A 4,4'-DDD	6.712	5.799	2388989	2019784	1.414	1.252
17)	MA 4,4'-DDT	7.026	6.050	2686046	1775275	1.655	1.103 #
18)	B Endrin al...	6.927	6.125	2303094	1818496	1.579	1.332
19)	B Endosulfa...	7.161	6.347	2898193	2310787	1.603	1.326
20)	A Methoxychlor	7.502	6.625	1166625	1124375	1.399	1.289
21)	B Endrin ke...	7.646	6.853	3339412	2232063	1.696	1.122 #
22)	Toxaphene-1	5.829	4.992	1357073	2612214	181.023	229.554 #
23)	Toxaphene-2	0.000	5.651f	0	2211832	N.D.	208.041
24)	Toxaphene-3	7.026f	6.625	2686046	1124375	53.182	29.056 #
25)	Toxaphene-4	7.161	0.000	2898193	0	76.437	N.D. #

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

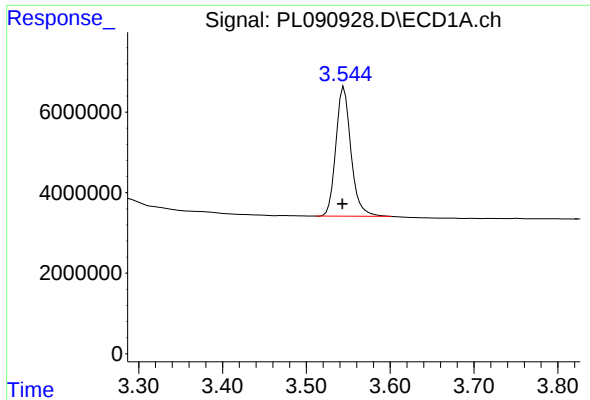
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081024\
Data File : PL090928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2024 12:52
Operator : AR\AJ
Sample : P3391-04
Misc : PEST MDL SOIL
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 23:16:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080824CLP.M
Quant Title : GC Extractables
QLast Update : Thu Aug 08 15:00:49 2024
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



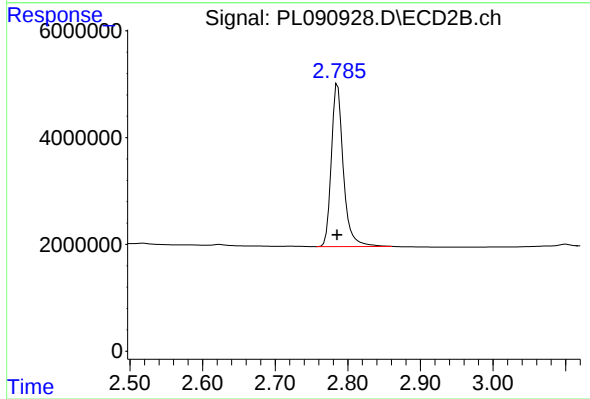
Instrument :
ECD_L
ClientSample :
MDL-SOIL-QT3-2024-06



#1 Tetrachloro-m-xylene

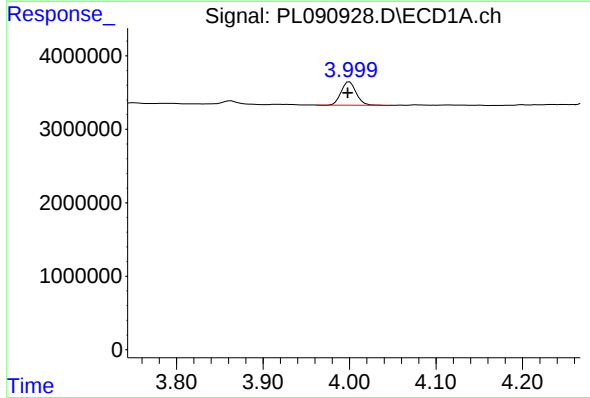
R.T.: 3.545 min
Delta R.T.: 0.002 min
Response: 40240961
Conc: 19.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



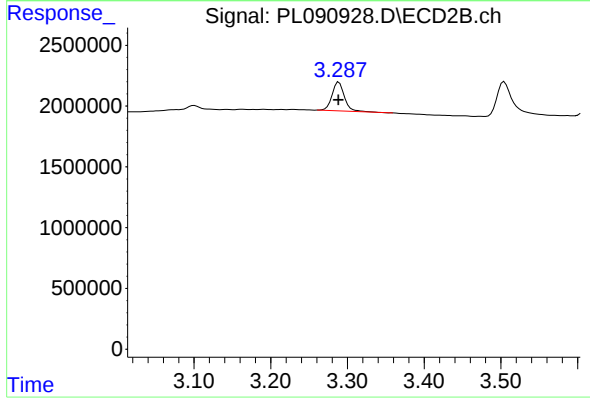
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.001 min
Response: 35015297
Conc: 19.95 ng/ml



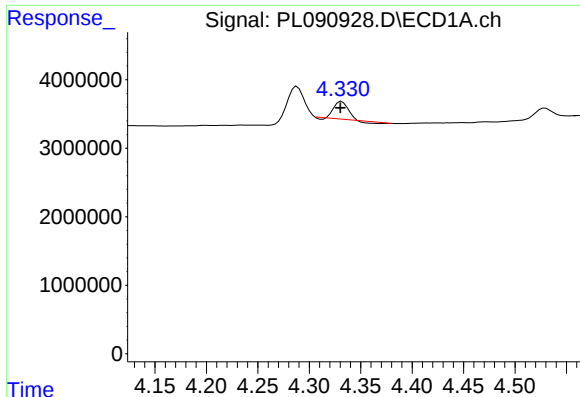
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.002 min
Response: 3786597
Conc: 1.27 ng/ml



#2 alpha-BHC

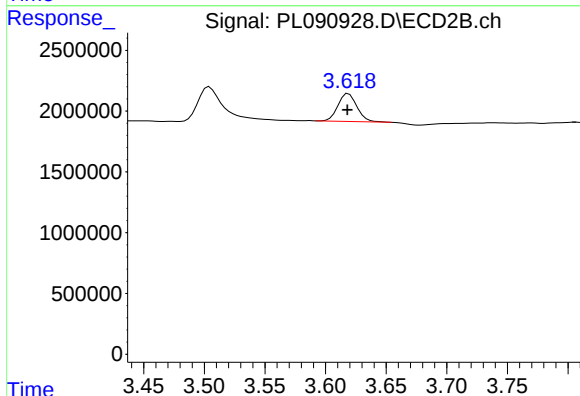
R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 2633712
Conc: 1.06 ng/ml



#3 gamma-BHC (Lindane)

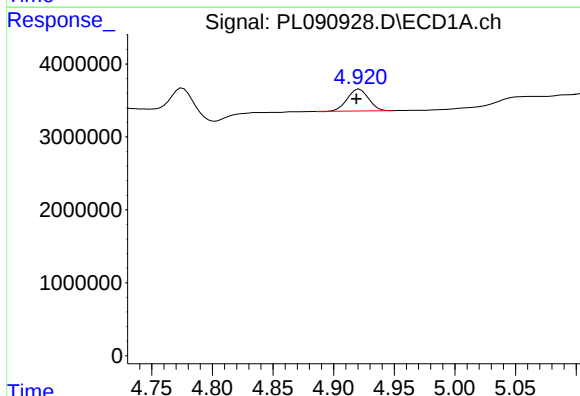
R.T.: 4.332 min
Delta R.T.: 0.001 min
Response: 2012594
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



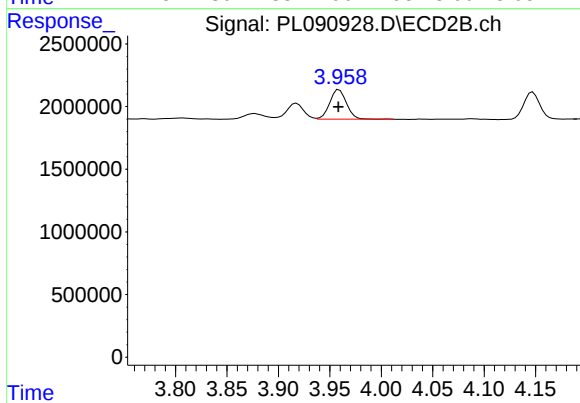
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: 0.001 min
Response: 2491537
Conc: 1.06 ng/ml



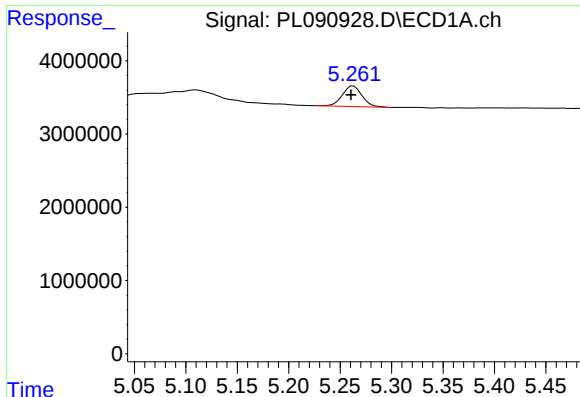
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.003 min
Response: 3664562
Conc: 1.38 ng/ml



#4 Heptachlor

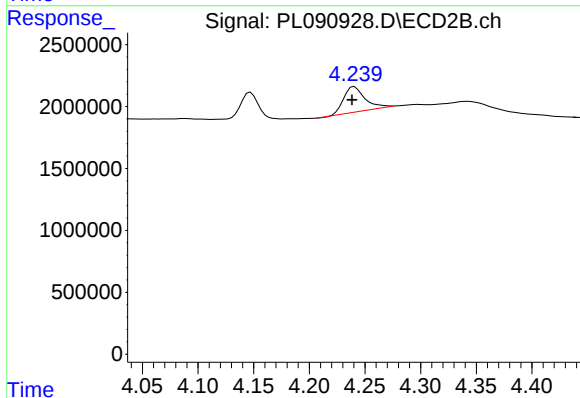
R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 2669841
Conc: 1.16 ng/ml



#5 Aldrin

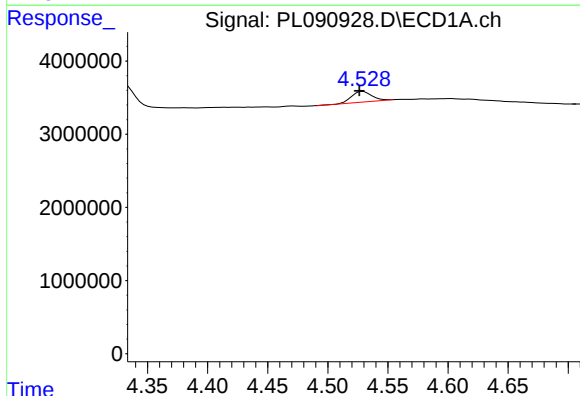
R.T.: 5.263 min
Delta R.T.: 0.002 min
Response: 3735832
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



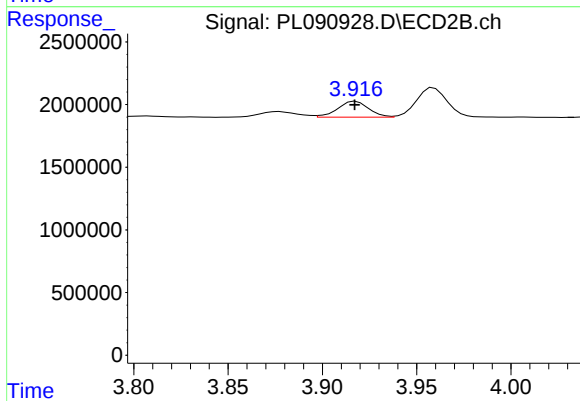
#5 Aldrin

R.T.: 4.241 min
Delta R.T.: 0.002 min
Response: 2854941
Conc: 1.34 ng/ml



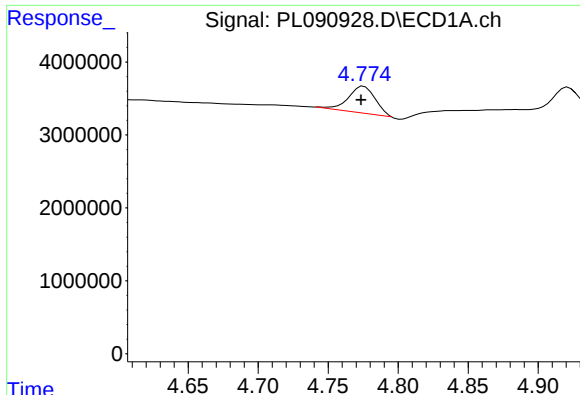
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.003 min
Response: 1661235
Conc: 1.25 ng/ml



#6 beta-BHC

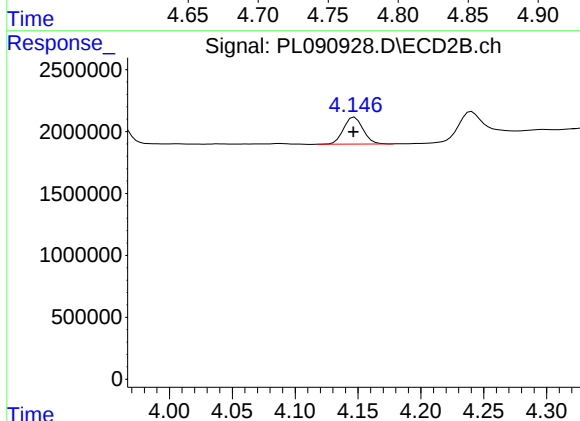
R.T.: 3.918 min
Delta R.T.: 0.000 min
Response: 1450897
Conc: 1.30 ng/ml



#7 delta-BHC

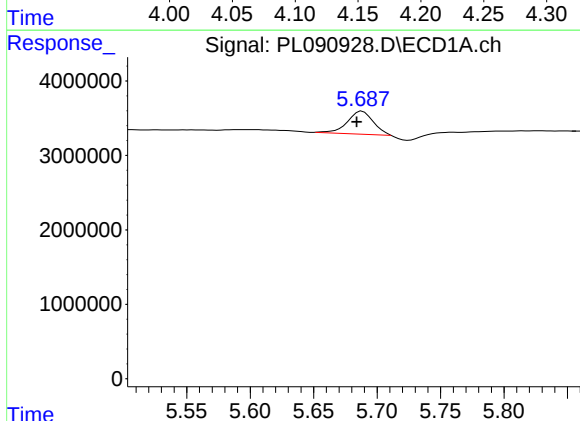
R.T.: 4.775 min
Delta R.T.: 0.002 min
Response: 4753010
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



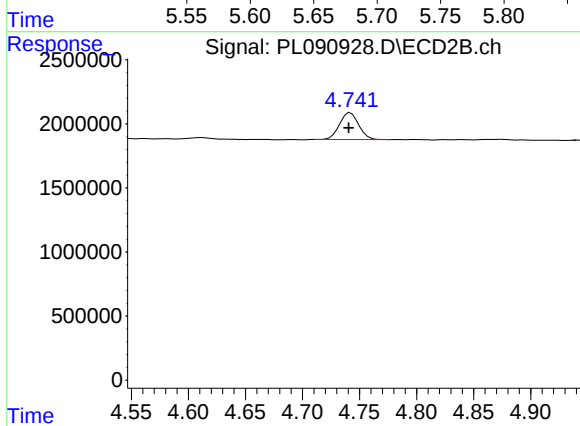
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: 0.000 min
Response: 2350933
Conc: 1.01 ng/ml



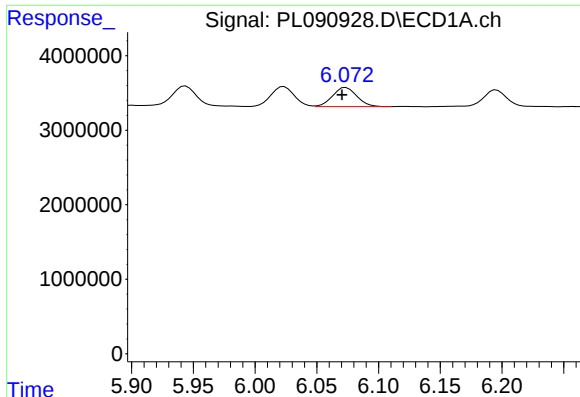
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.004 min
Response: 4355507
Conc: 1.67 ng/ml



#8 Heptachlor epoxide

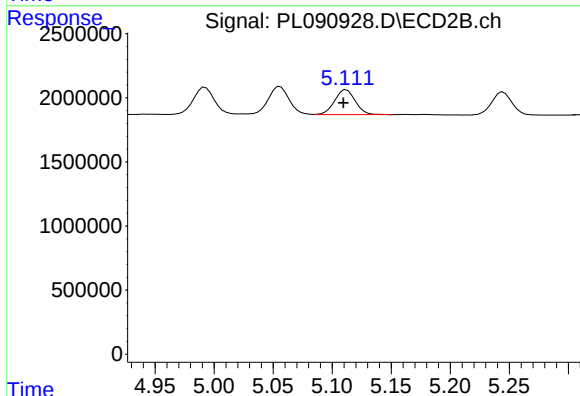
R.T.: 4.742 min
Delta R.T.: 0.001 min
Response: 2460571
Conc: 1.21 ng/ml



#9 Endosulfan I

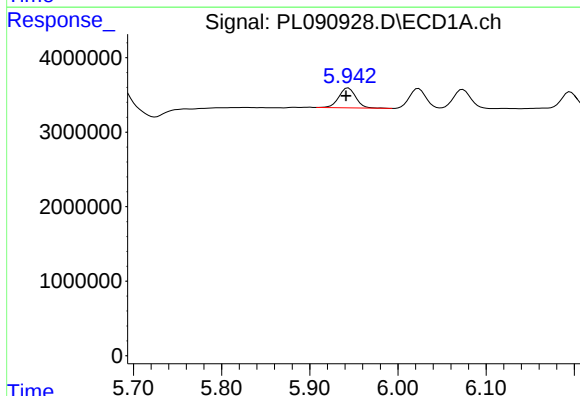
R.T.: 6.074 min
Delta R.T.: 0.003 min
Response: 3482426
Conc: 1.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



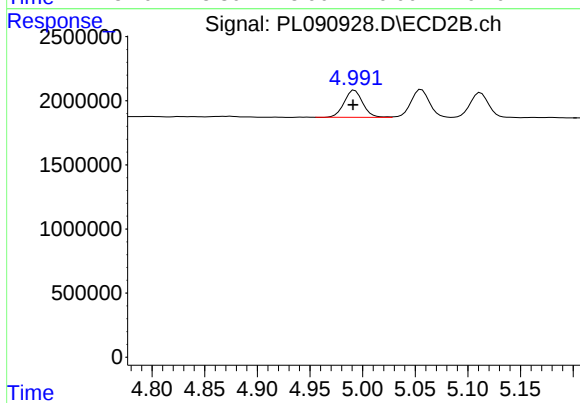
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: 0.003 min
Response: 2358942
Conc: 1.44 ng/ml



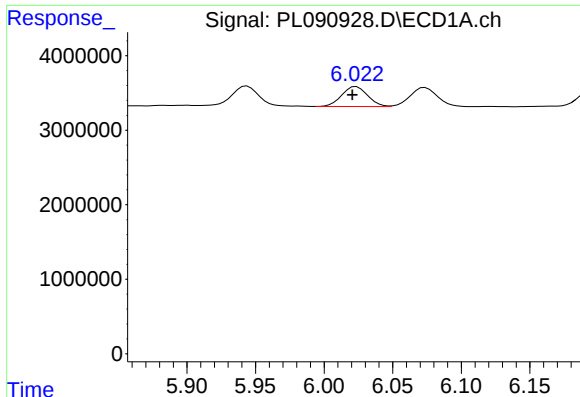
#10 trans-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.003 min
Response: 3578029
Conc: 1.57 ng/ml



#10 trans-Chlordane

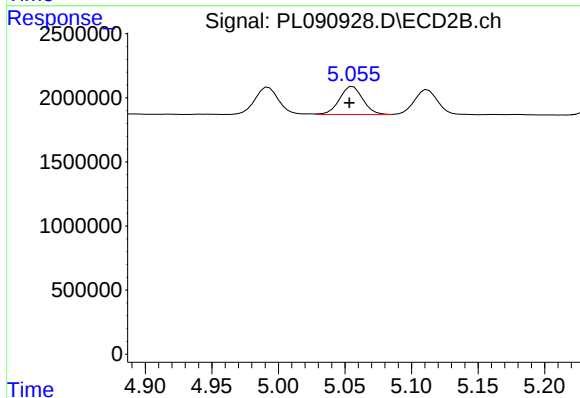
R.T.: 4.992 min
Delta R.T.: 0.002 min
Response: 2612214
Conc: 1.29 ng/ml



#11 cis-Chlordane

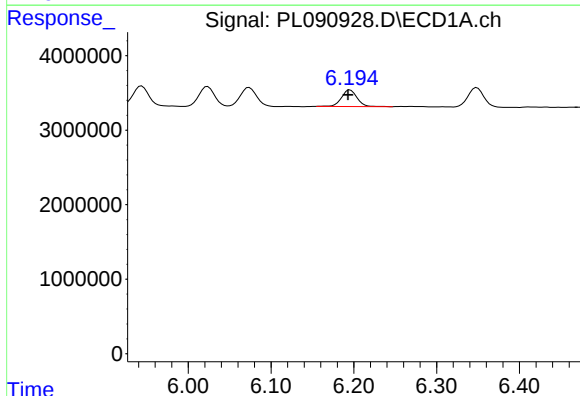
R.T.: 6.023 min
Delta R.T.: 0.003 min
Response: 3513793
Conc: 1.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



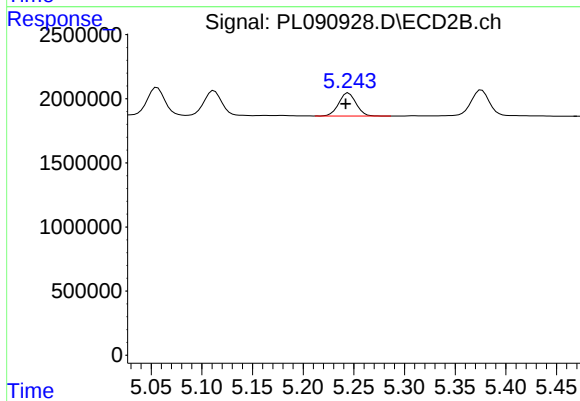
#11 cis-Chlordane

R.T.: 5.056 min
Delta R.T.: 0.003 min
Response: 2673905
Conc: 1.28 ng/ml



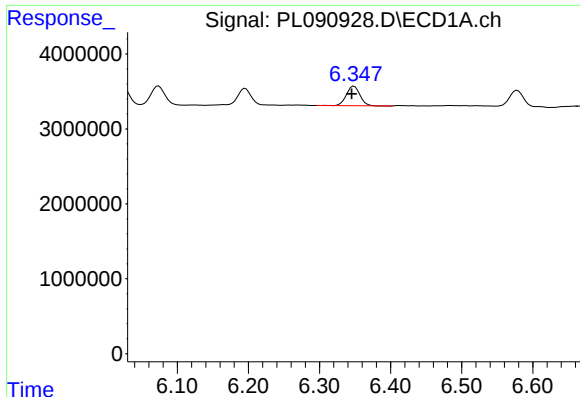
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 2926855
Conc: 1.46 ng/ml



#12 4,4'-DDE

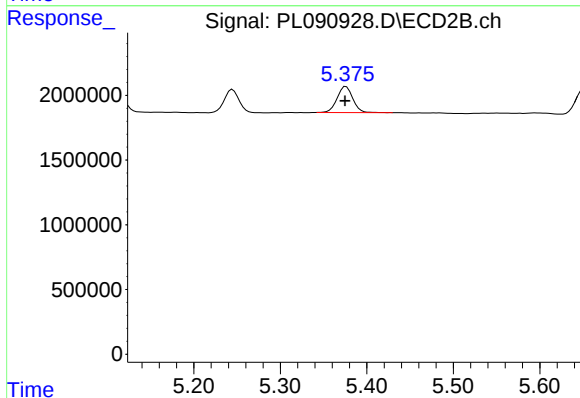
R.T.: 5.245 min
Delta R.T.: 0.003 min
Response: 2137063
Conc: 1.14 ng/ml



#13 Dieldrin

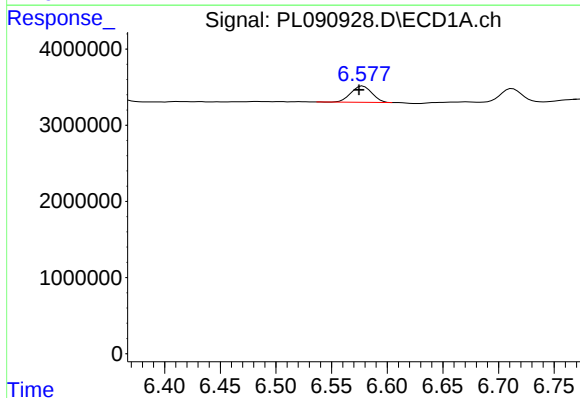
R.T.: 6.349 min
Delta R.T.: 0.003 min
Response: 3454965
Conc: 1.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



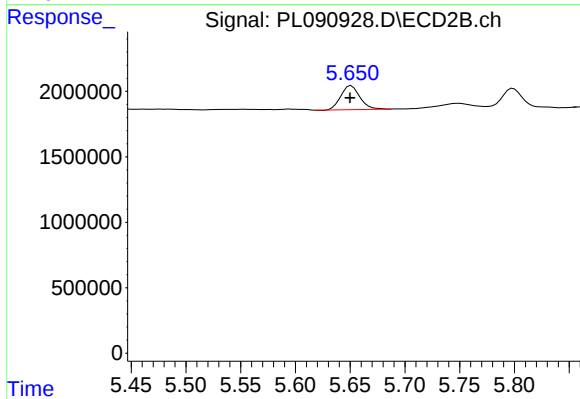
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: 0.001 min
Response: 2515702
Conc: 1.19 ng/ml



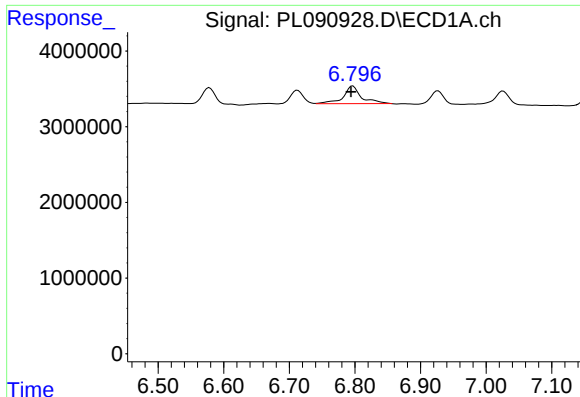
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.003 min
Response: 2795426
Conc: 1.53 ng/ml



#14 Endrin

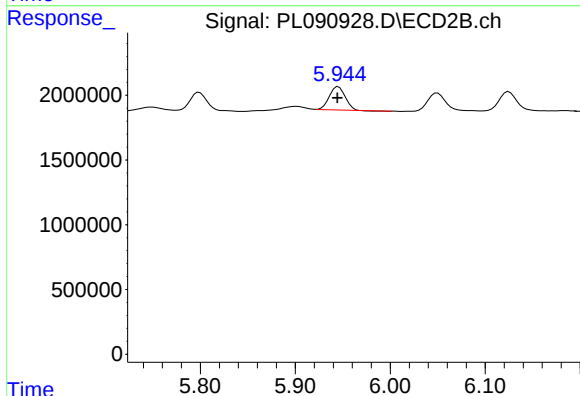
R.T.: 5.651 min
Delta R.T.: 0.001 min
Response: 2211832
Conc: 1.15 ng/ml



#15 Endosulfan II

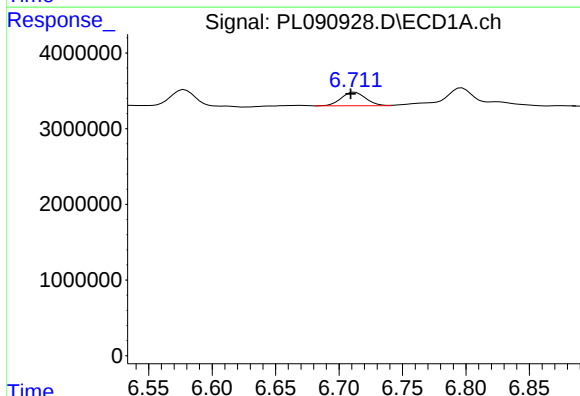
R.T.: 6.797 min
Delta R.T.: 0.003 min
Response: 4441059
Conc: 2.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



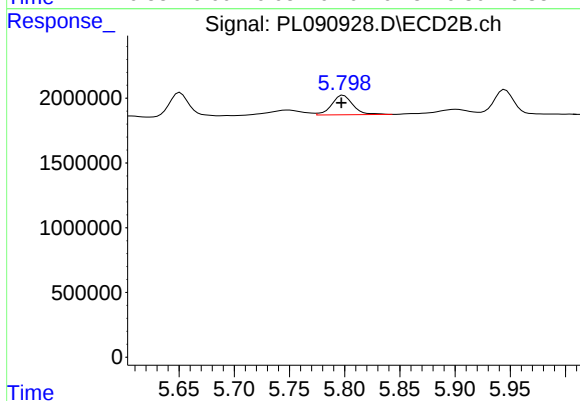
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 2080996
Conc: 1.17 ng/ml



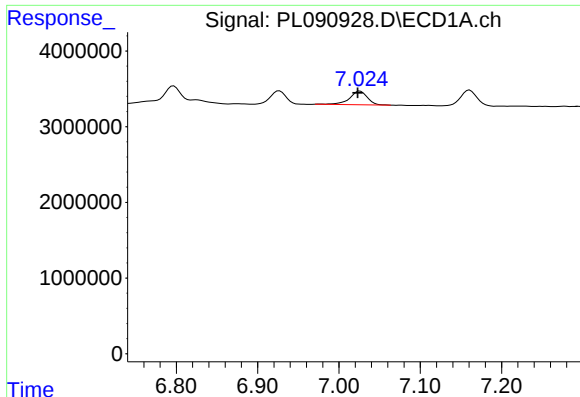
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.003 min
Response: 2388989
Conc: 1.41 ng/ml



#16 4,4'-DDD

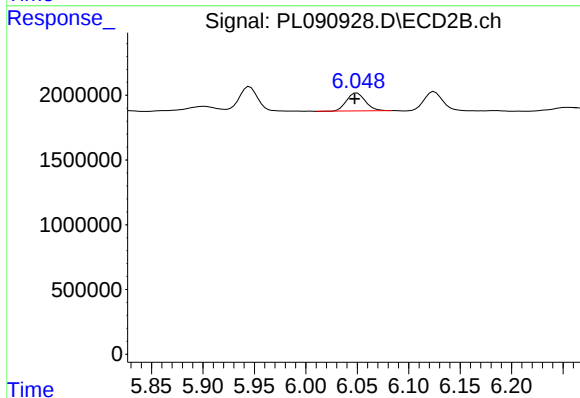
R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 2019784
Conc: 1.25 ng/ml



#17 4,4'-DDT

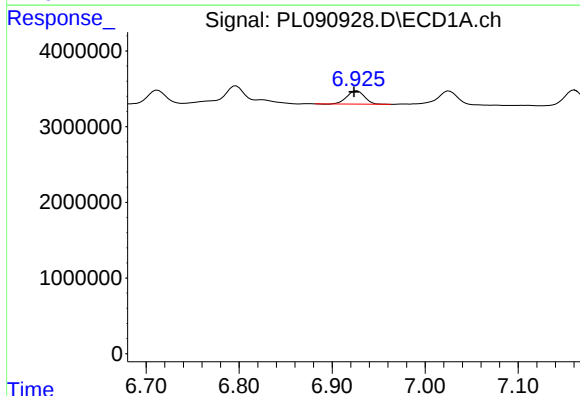
R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 2686046
Conc: 1.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



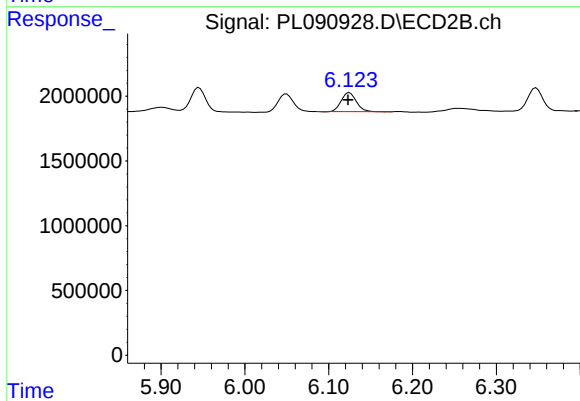
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: 0.002 min
Response: 1775275
Conc: 1.10 ng/ml



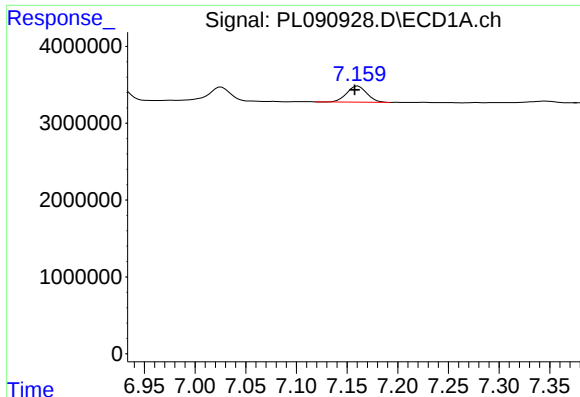
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 2303094
Conc: 1.58 ng/ml



#18 Endrin aldehyde

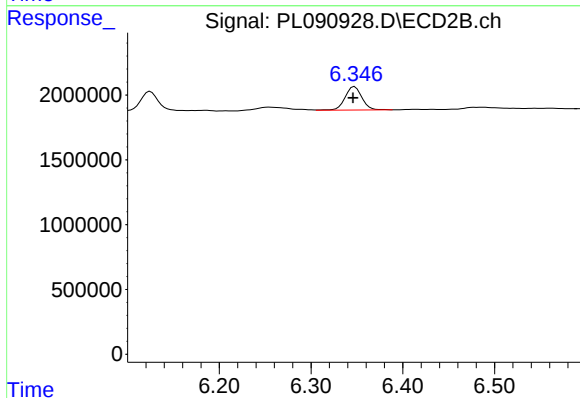
R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 1818496
Conc: 1.33 ng/ml



#19 Endosulfan Sulfate

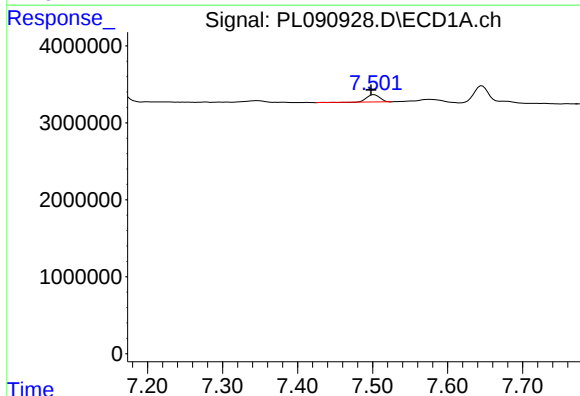
R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 2898193
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



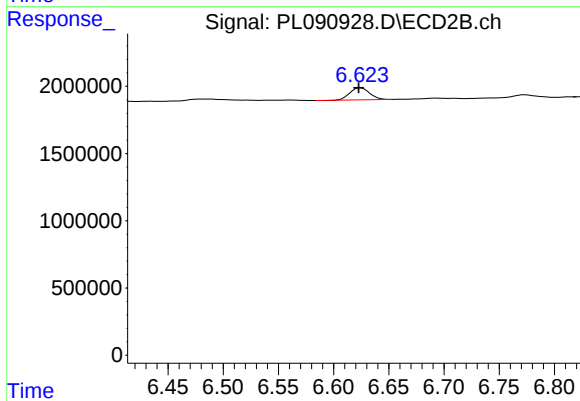
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 2310787
Conc: 1.33 ng/ml



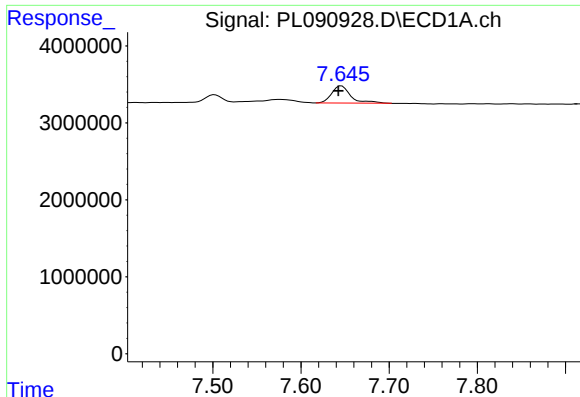
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 1166625
Conc: 1.40 ng/ml



#20 Methoxychlor

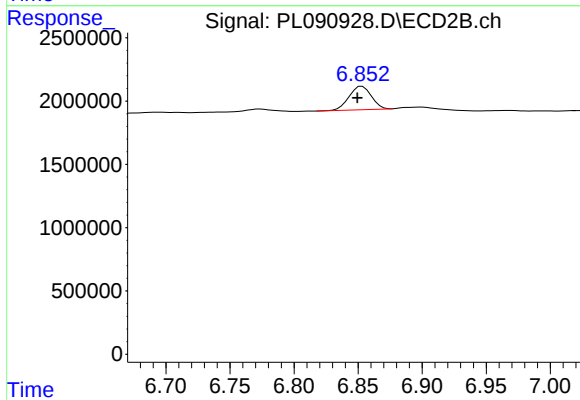
R.T.: 6.625 min
Delta R.T.: 0.002 min
Response: 1124375
Conc: 1.29 ng/ml



#21 Endrin ketone

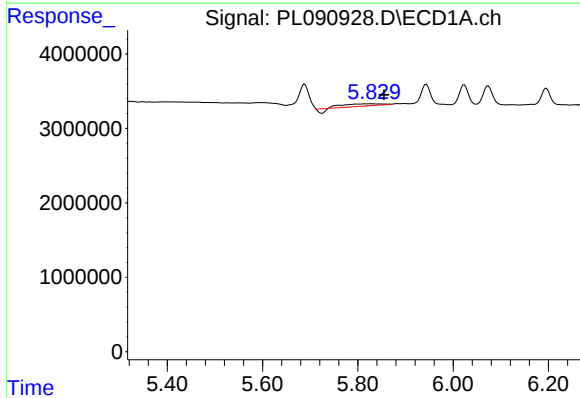
R.T.: 7.646 min
Delta R.T.: 0.003 min
Response: 3339412
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



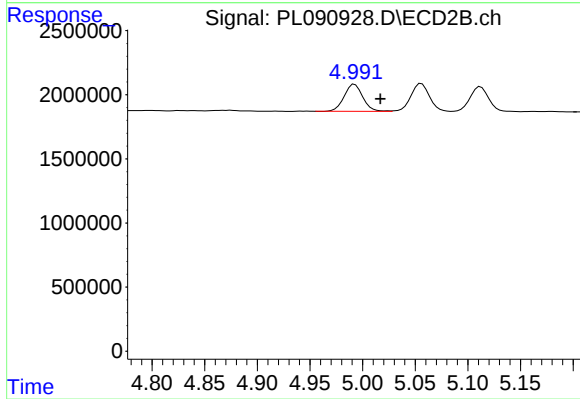
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: 0.004 min
Response: 2232063
Conc: 1.12 ng/ml



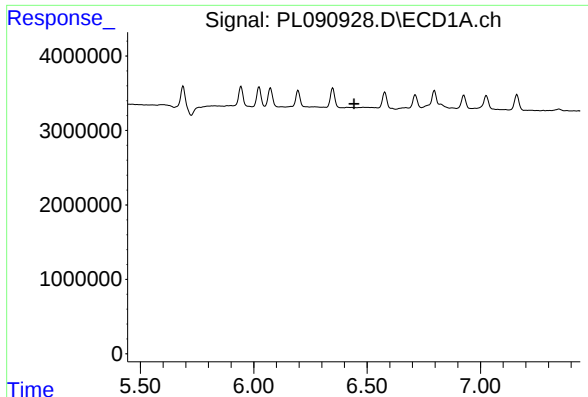
#22 Toxaphene-1

R.T.: 5.829 min
Delta R.T.: -0.025 min
Response: 1357073
Conc: 181.02 ng/ml



#22 Toxaphene-1

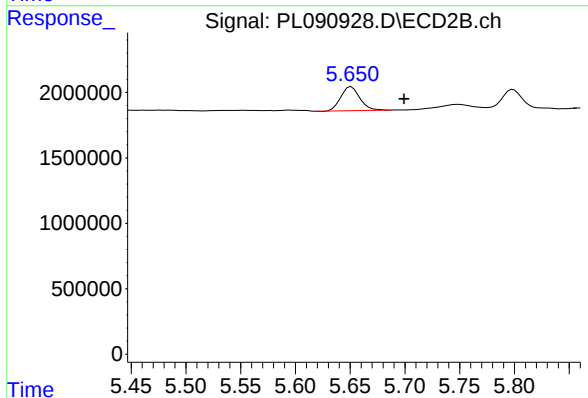
R.T.: 4.992 min
Delta R.T.: -0.024 min
Response: 2612214
Conc: 229.55 ng/ml



#23 Toxaphene-2

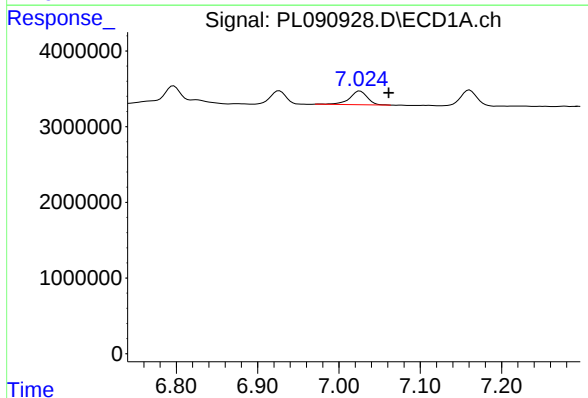
R.T.: 0.000 min
Exp R.T.: 6.443 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



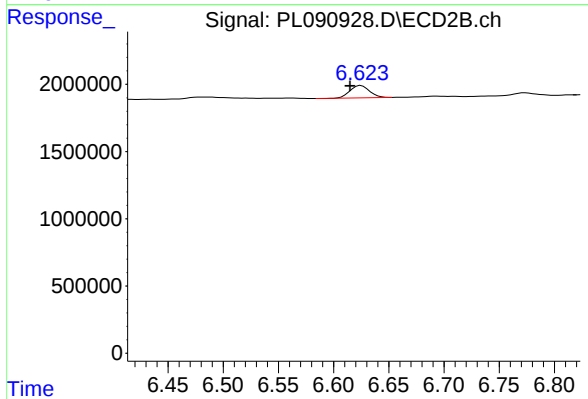
#23 Toxaphene-2

R.T.: 5.651 min
Delta R.T.: -0.048 min
Response: 2211832
Conc: 208.04 ng/ml



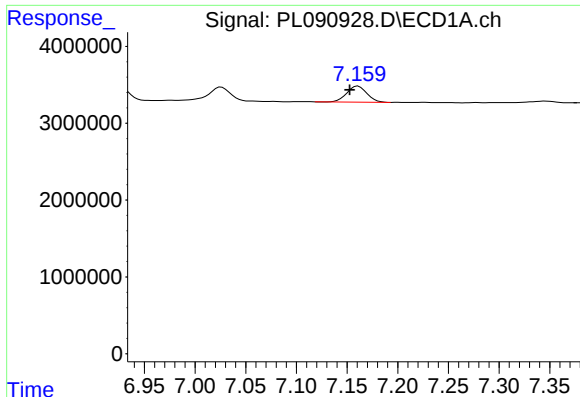
#24 Toxaphene-3

R.T.: 7.026 min
Delta R.T.: -0.035 min
Response: 2686046
Conc: 53.18 ng/ml



#24 Toxaphene-3

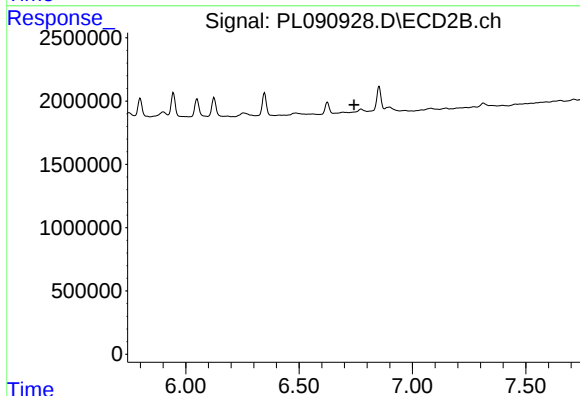
R.T.: 6.625 min
Delta R.T.: 0.010 min
Response: 1124375
Conc: 29.06 ng/ml



#25 Toxaphene-4

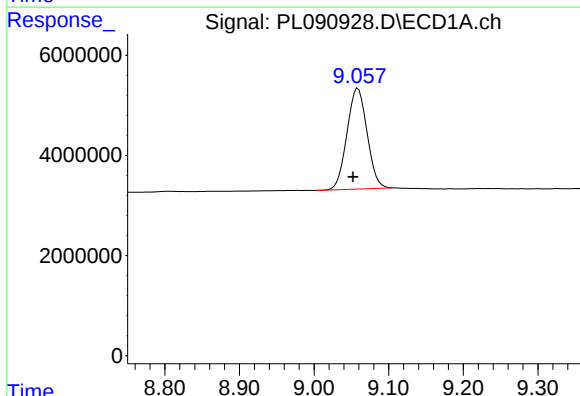
R.T.: 7.161 min
Delta R.T.: 0.008 min
Response: 2898193
Conc: 76.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2024-06



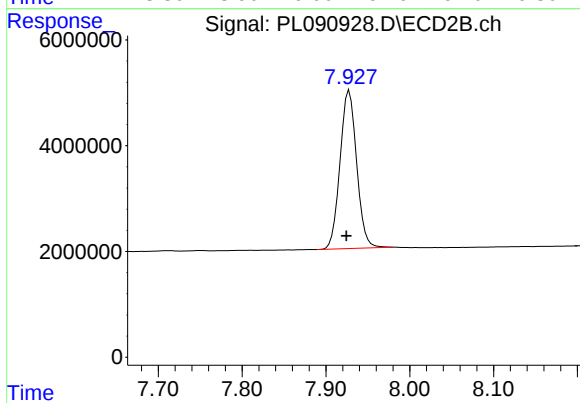
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 6.743 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.007 min
Response: 37614127
Conc: 24.16 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.928 min
Delta R.T.: 0.003 min
Response: 41314256
Conc: 24.07 ng/ml