

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112724\
 Data File : PL093301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2024 17:06
 Operator : AR\AJ
 Sample : P4776-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 28 00:13:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112724CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:17:00 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

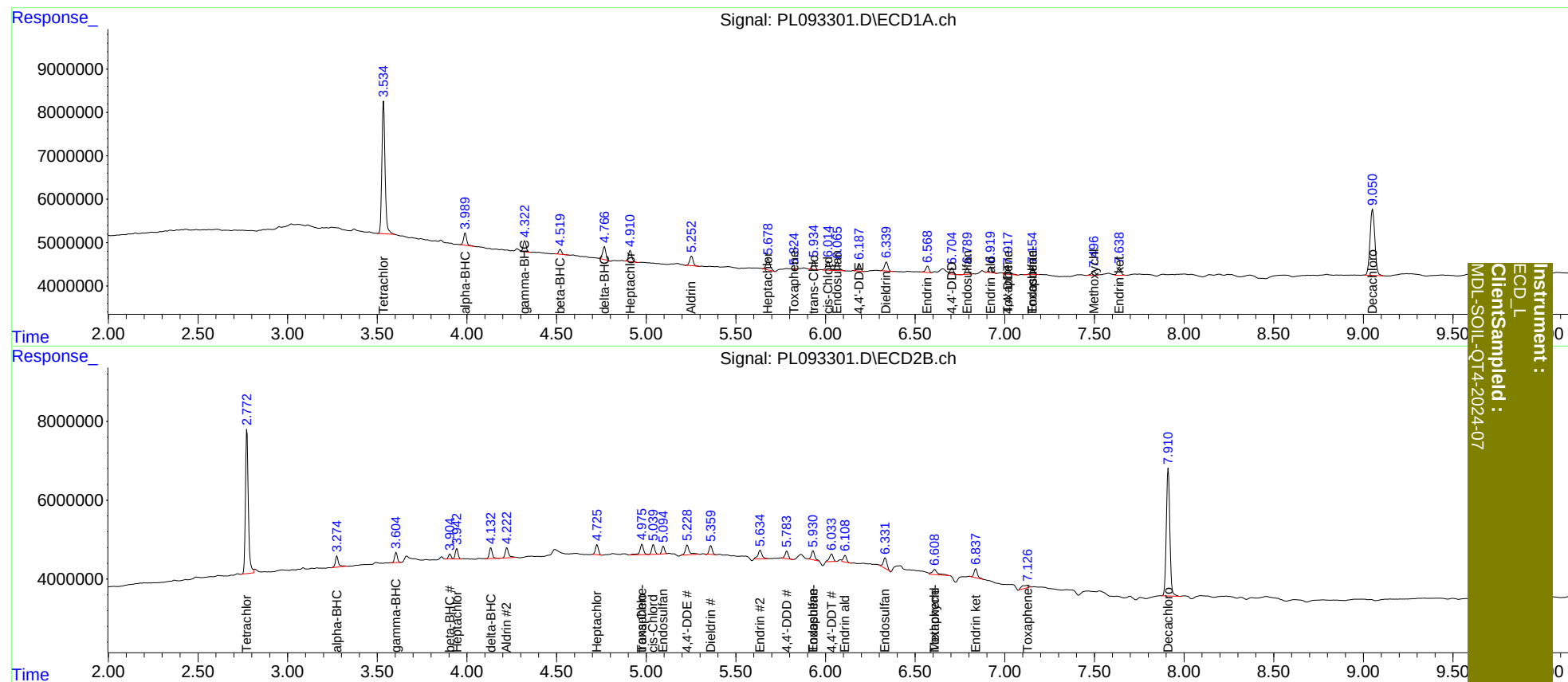
System Monitoring Compounds							
1)	SA Tetrachlo...	3.535	2.773	37870520	40639361	14.262	14.158
27)	SA Decachlor...	9.051	7.912	28404206	44345424	14.051	13.219
Target Compounds							
2)	A alpha-BHC	3.991	3.275	3339918	3495375	0.876	0.818
3)	MA gamma-BHC...	4.323	3.605	2875018	2710451	0.812	0.671
4)	MA Heptachlor	4.911	3.944	3193912	2866595	0.920	0.679 #
5)	MB Aldrin	5.253	4.223	2907776	3428784	0.914	0.874
6)	B beta-BHC	4.521	3.905	1261421	1241356	0.782	0.653
7)	B delta-BHC	4.767	4.134	3739661	3171387	1.082	0.765 #
8)	B Heptachlo...	5.680	4.726	3787288	3008288	1.262	0.797 #
9)	A Endosulfan I	6.066	5.096	2797385	2077009	1.050	0.593 #
10)	B trans-Chl...	5.935	4.976	2388397	3816366	0.836	0.957
11)	B cis-Chlor...	6.015	5.040	2864081	2945985	0.999	0.763
12)	B 4,4'-DDE	6.189	5.229	2135240	3962597	0.838	0.999
13)	MA Dieldrin	6.340	5.361	2815883	2497867	1.015	0.638 #
14)	MA Endrin	6.570	5.636	1878531	3518308	0.830	1.035
15)	B Endosulfa...	6.791	5.931	1787932	2946419	0.744	0.854
16)	A 4,4'-DDD	6.705	5.784	1845147	2410774	0.918	0.806
17)	MA 4,4'-DDT	7.018	6.035	2430254	2811543	1.160	0.886
18)	B Endrin al...	6.920	6.110	1693941	2132707	0.928	0.814
19)	B Endosulfa...	7.155	6.333	2187822	3571211	0.970	1.105
20)	A Methoxychlor	7.497	6.610	1413751	2809631	1.317	1.718 #
21)	B Endrin ke...	7.639	6.838	2541828	2986937	1.006	0.824
22)	Toxaphene-1	5.825	4.976	272475	3816366	29.305	198.160 #
23)	Toxaphene-2	0.000	5.931	0	2946419	N.D.	179.708
24)	Toxaphene-3	7.018f	6.610	2430254	2809631	36.941	37.433
25)	Toxaphene-4	7.155	0.000	2187822	0	44.526	N.D. #
26)	Toxaphene-5	0.000	7.127f	0	2181734	N.D.	63.410

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

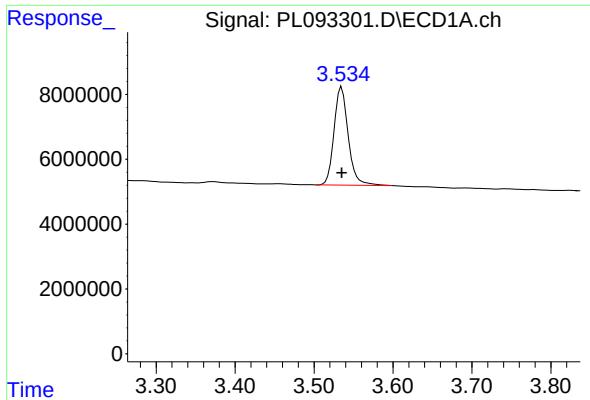
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112724\
Data File : PL093301.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Nov 2024 17:06
Operator : AR\AJ
Sample : P4776-03
Misc : PEST MDL 1 PPB
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 28 00:13:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112724CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:17:00 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



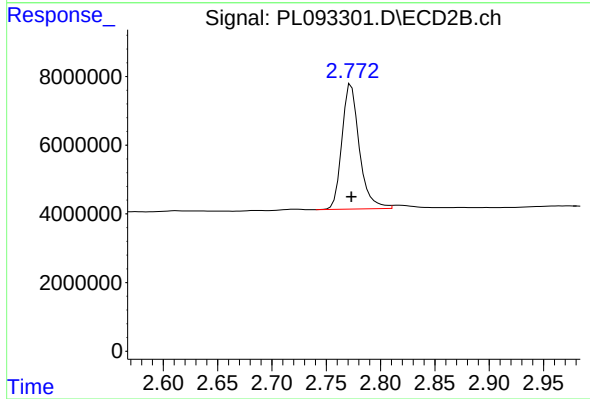
Instrument :
ECD_L
ClientSample :
MDL-SOIL-QT4-2024-07



#1 Tetrachloro-m-xylene

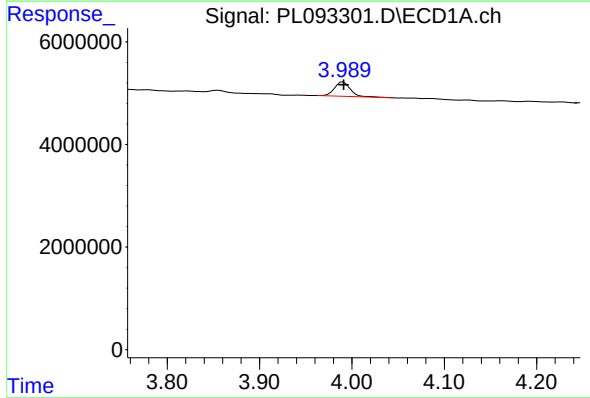
R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 37870520
Conc: 14.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



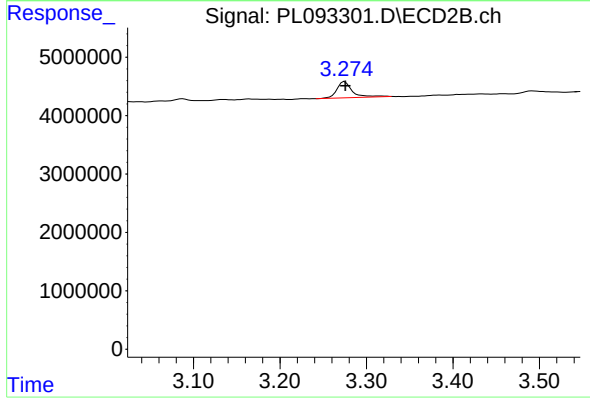
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 40639361
Conc: 14.16 ng/ml



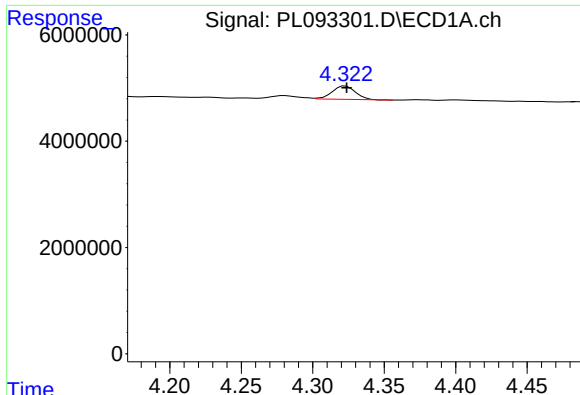
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 3339918
Conc: 0.88 ng/ml



#2 alpha-BHC

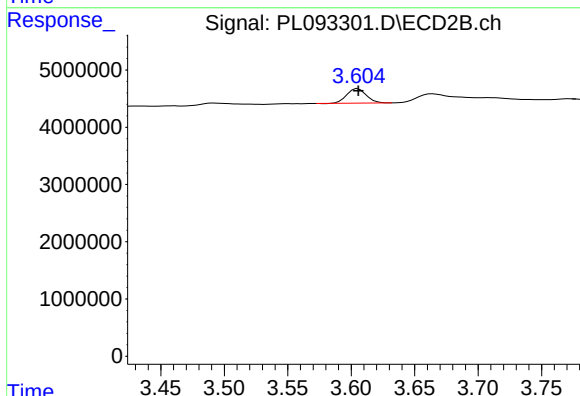
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 3495375
Conc: 0.82 ng/ml



#3 gamma-BHC (Lindane)

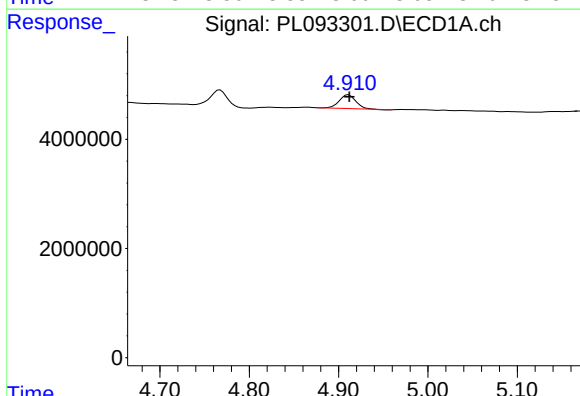
R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 2875018
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



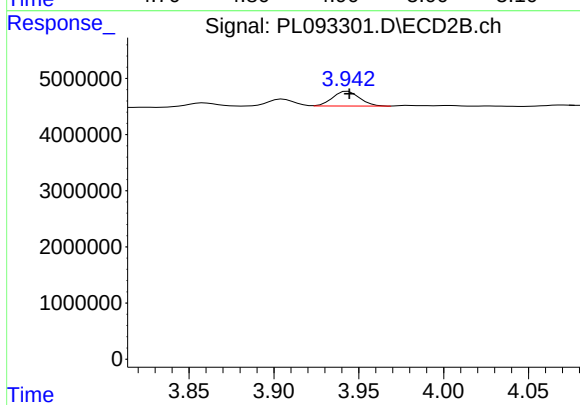
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 2710451
Conc: 0.67 ng/ml



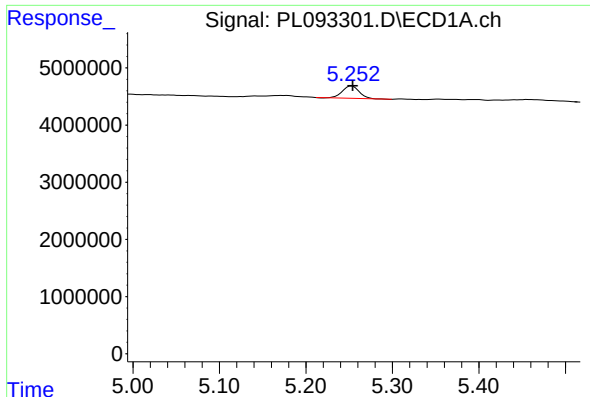
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.001 min
Response: 3193912
Conc: 0.92 ng/ml



#4 Heptachlor

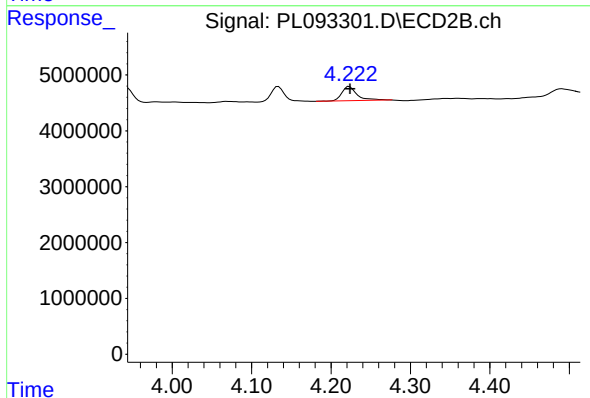
R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 2866595
Conc: 0.68 ng/ml



#5 Aldrin

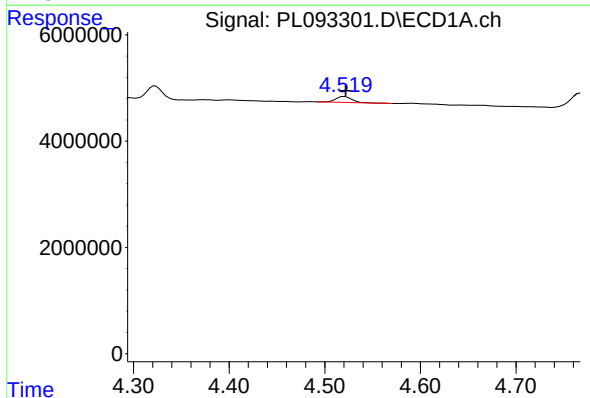
R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 2907776
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



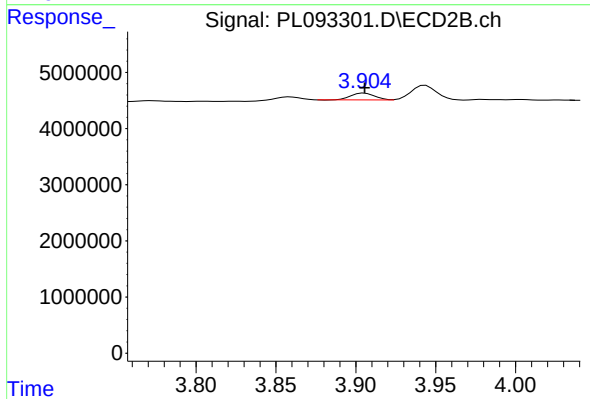
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 3428784
Conc: 0.87 ng/ml



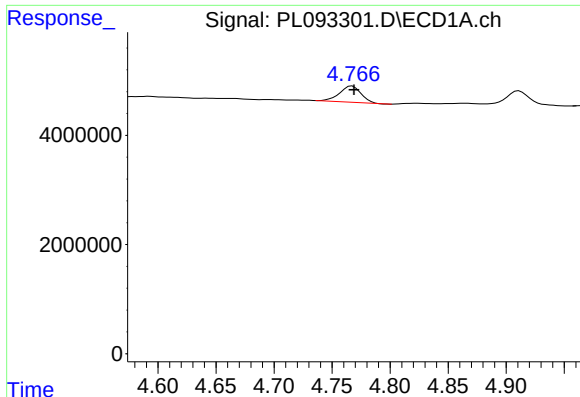
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.001 min
Response: 1261421
Conc: 0.78 ng/ml



#6 beta-BHC

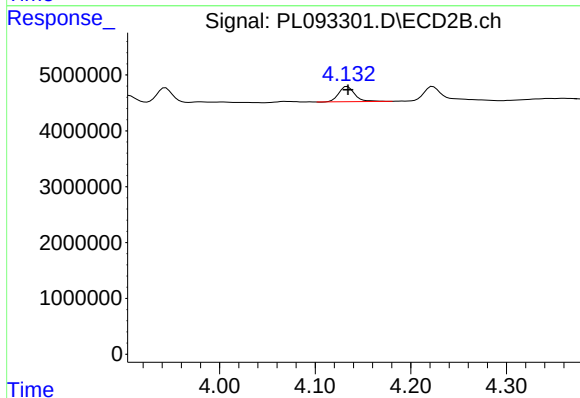
R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 1241356
Conc: 0.65 ng/ml



#7 delta-BHC

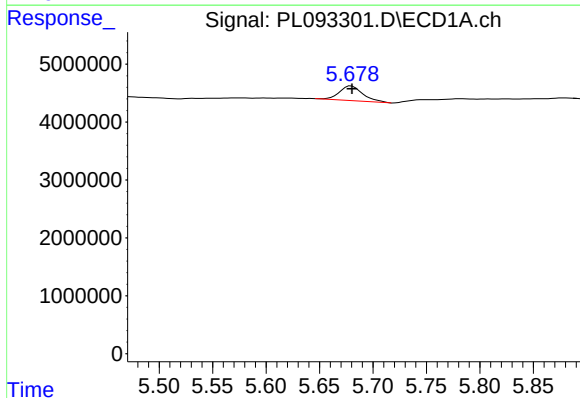
R.T.: 4.767 min
Delta R.T.: -0.002 min
Response: 3739661
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



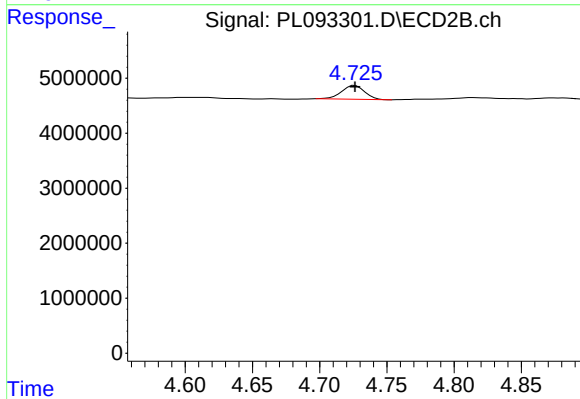
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: 0.000 min
Response: 3171387
Conc: 0.76 ng/ml



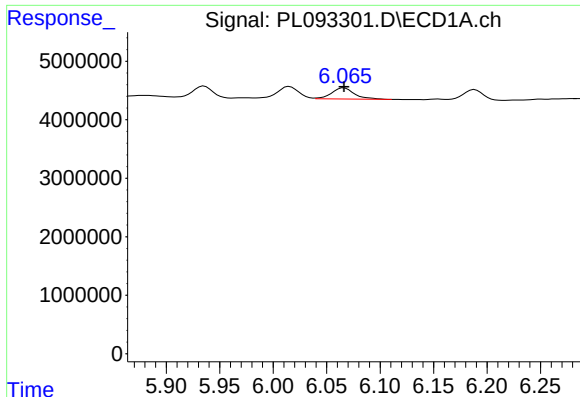
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 3787288
Conc: 1.26 ng/ml



#8 Heptachlor epoxide

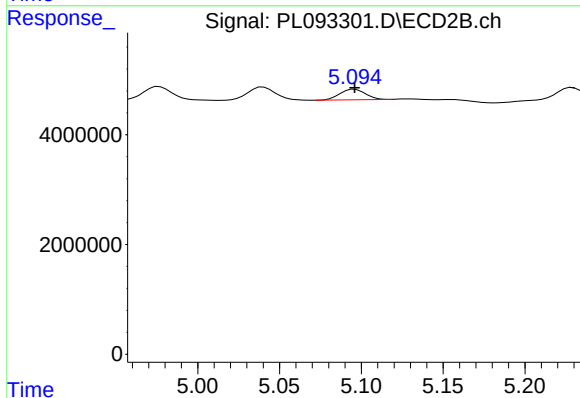
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 3008288
Conc: 0.80 ng/ml



#9 Endosulfan I

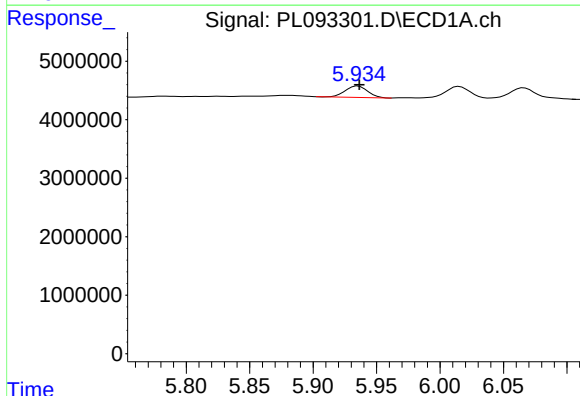
R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 2797385
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



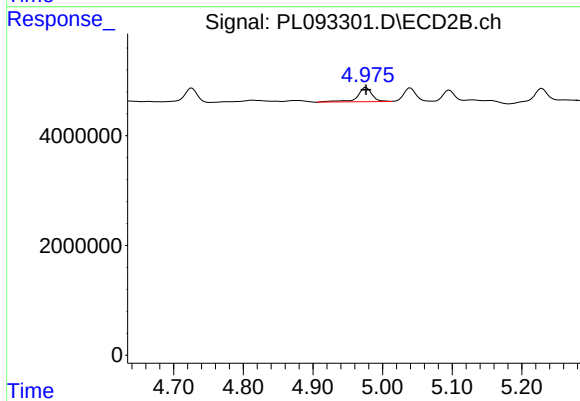
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 2077009
Conc: 0.59 ng/ml



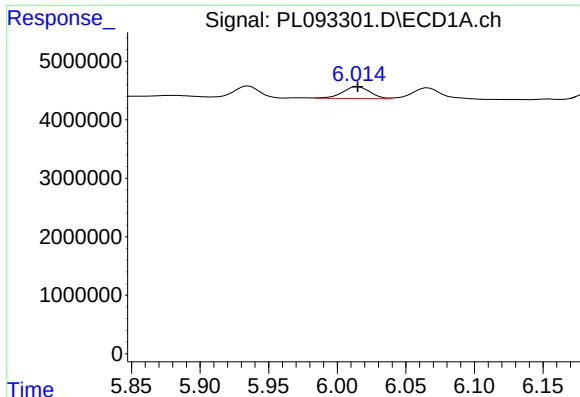
#10 trans-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.001 min
Response: 2388397
Conc: 0.84 ng/ml



#10 trans-Chlordane

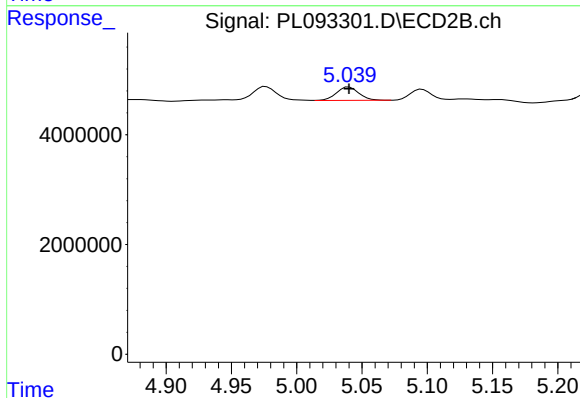
R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 3816366
Conc: 0.96 ng/ml



#11 cis-Chlordane

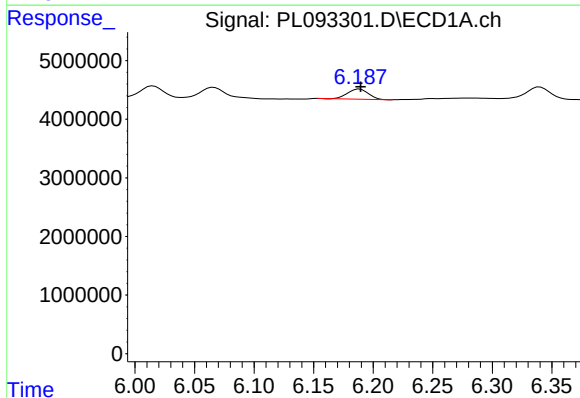
R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 2864081
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



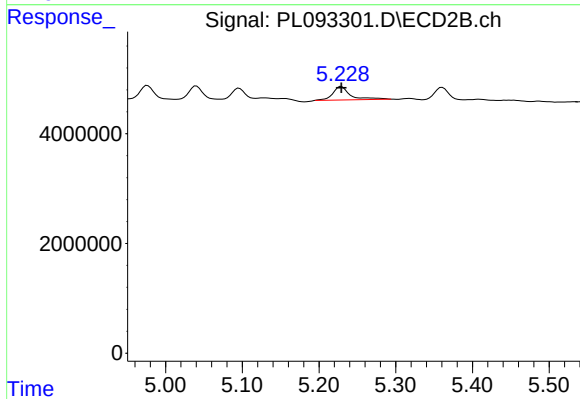
#11 cis-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 2945985
Conc: 0.76 ng/ml



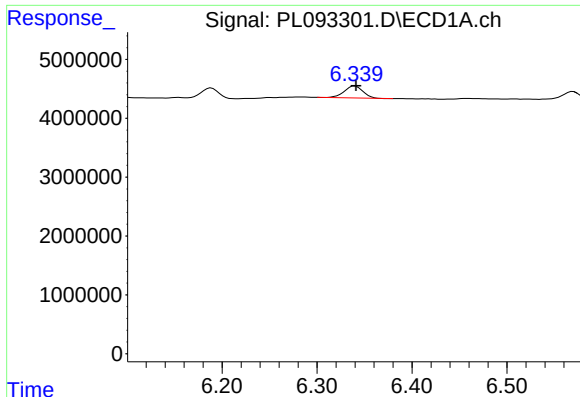
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 2135240
Conc: 0.84 ng/ml



#12 4,4'-DDE

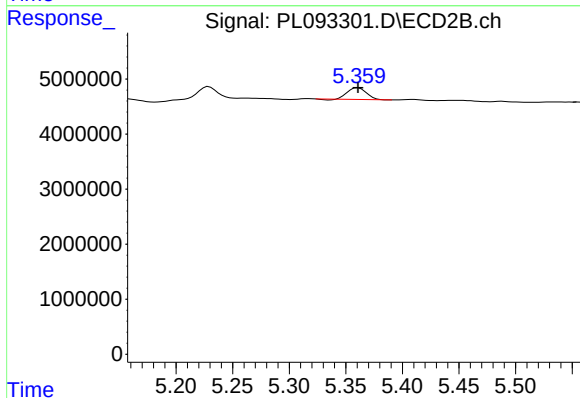
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 3962597
Conc: 1.00 ng/ml



#13 Dieldrin

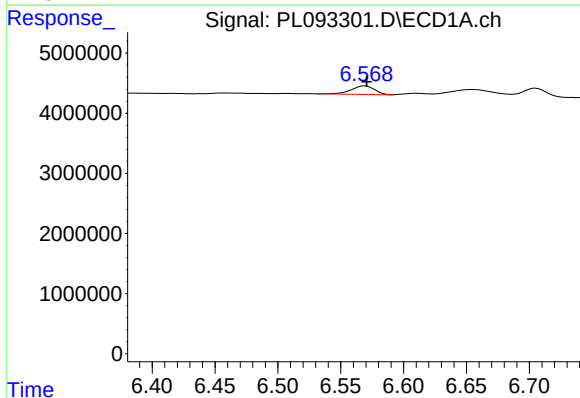
R.T.: 6.340 min
Delta R.T.: -0.001 min
Response: 2815883
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



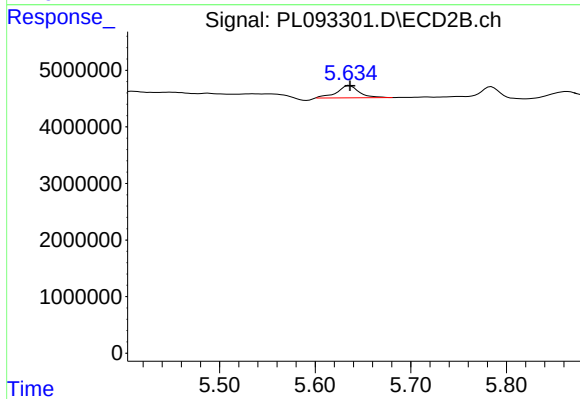
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 2497867
Conc: 0.64 ng/ml



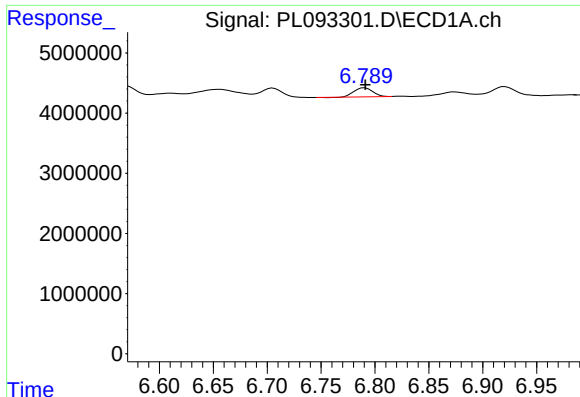
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 1878531
Conc: 0.83 ng/ml



#14 Endrin

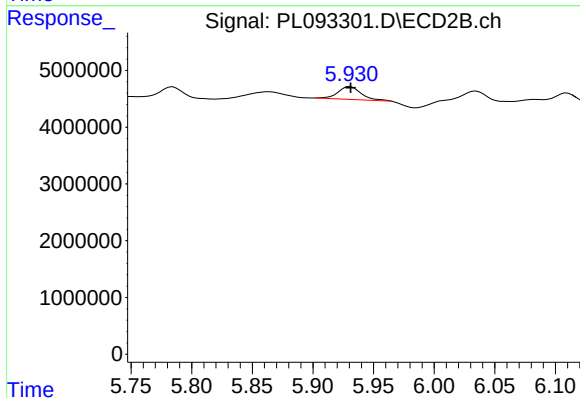
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 3518308
Conc: 1.04 ng/ml



#15 Endosulfan II

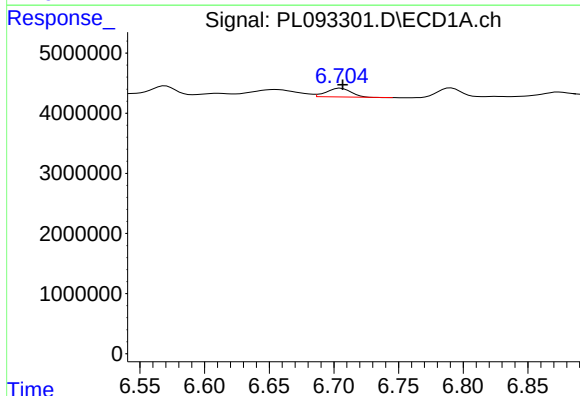
R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 1787932
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



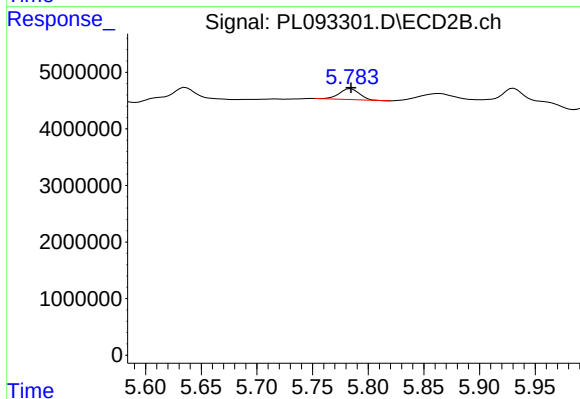
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 2946419
Conc: 0.85 ng/ml



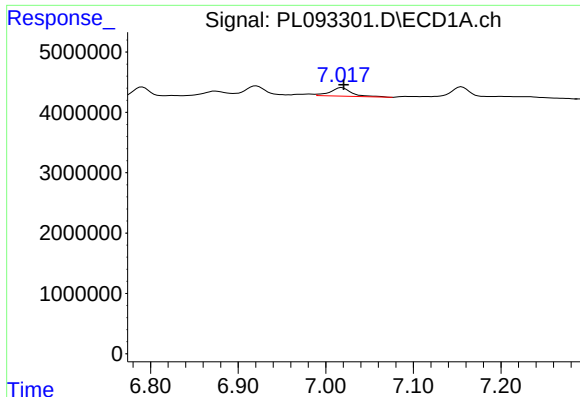
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 1845147
Conc: 0.92 ng/ml



#16 4,4'-DDD

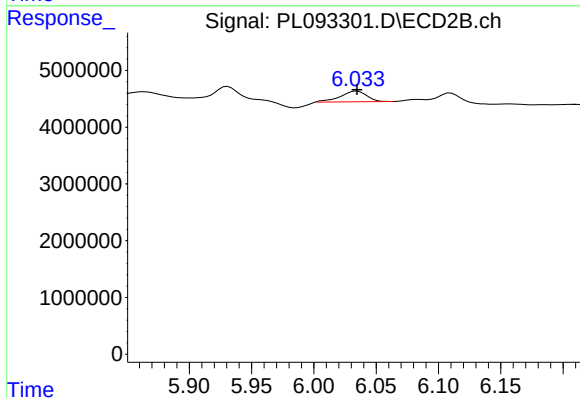
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 2410774
Conc: 0.81 ng/ml



#17 4,4'-DDT

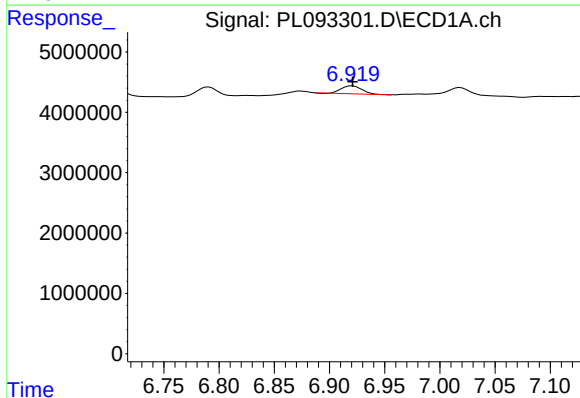
R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 2430254
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



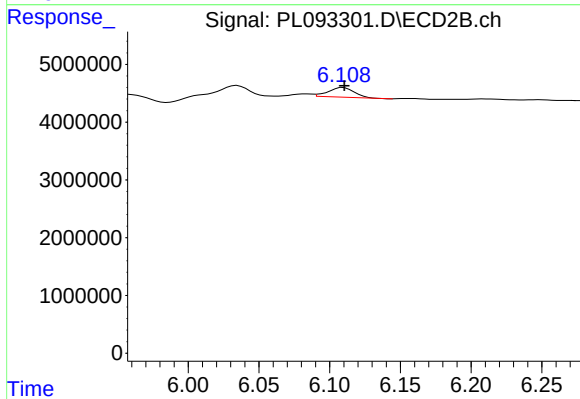
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 2811543
Conc: 0.89 ng/ml



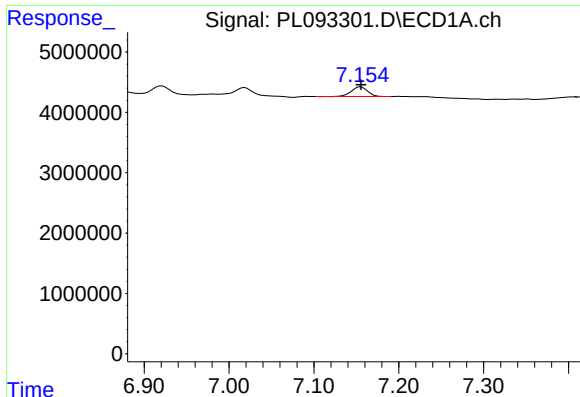
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 1693941
Conc: 0.93 ng/ml



#18 Endrin aldehyde

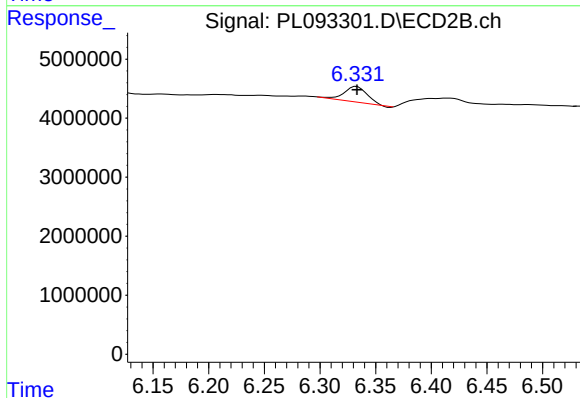
R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 2132707
Conc: 0.81 ng/ml



#19 Endosulfan Sulfate

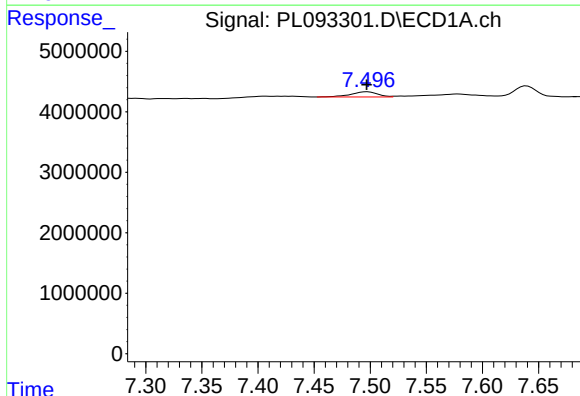
R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 2187822
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



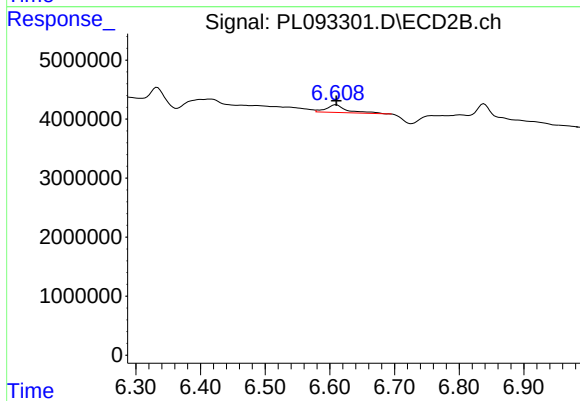
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 3571211
Conc: 1.10 ng/ml



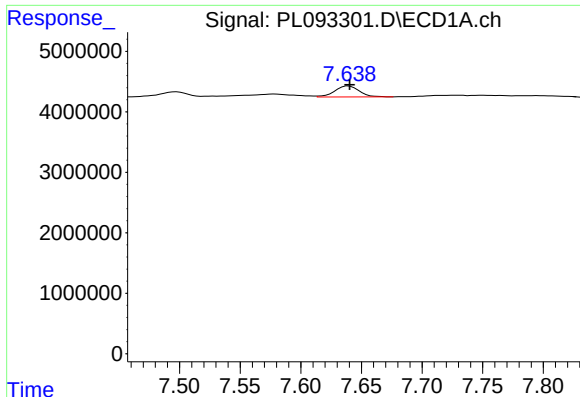
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 1413751
Conc: 1.32 ng/ml



#20 Methoxychlor

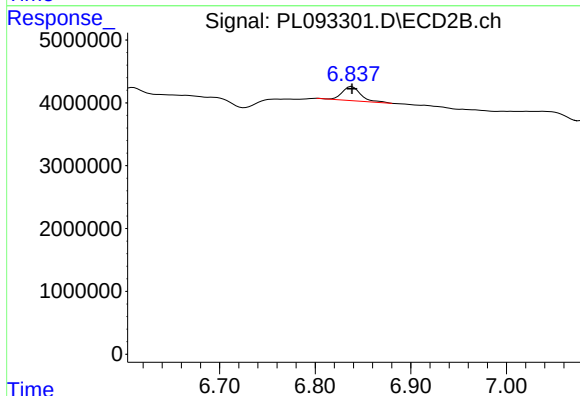
R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 2809631
Conc: 1.72 ng/ml



#21 Endrin ketone

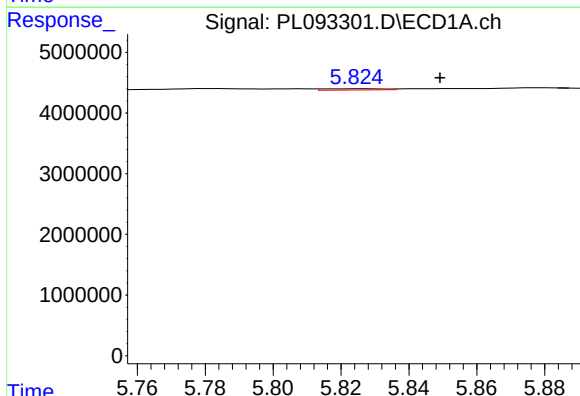
R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 2541828
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



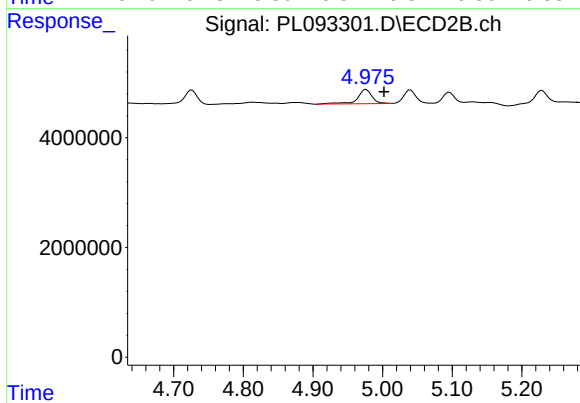
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 2986937
Conc: 0.82 ng/ml



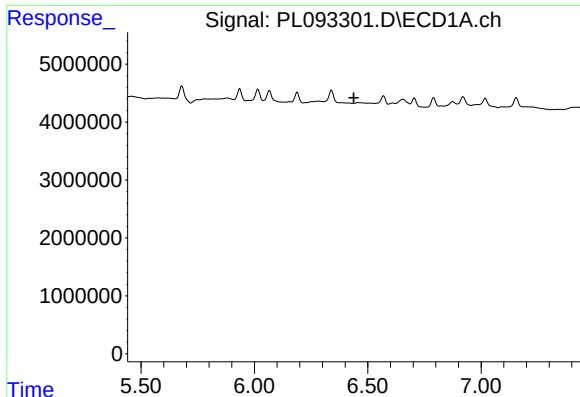
#22 Toxaphene-1

R.T.: 5.825 min
Delta R.T.: -0.024 min
Response: 272475
Conc: 29.31 ng/ml



#22 Toxaphene-1

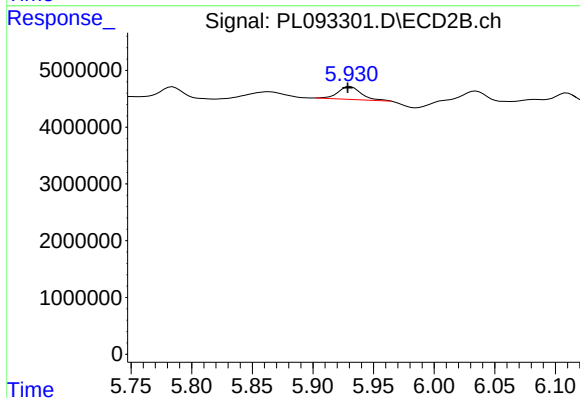
R.T.: 4.976 min
Delta R.T.: -0.026 min
Response: 3816366
Conc: 198.16 ng/ml



#23 Toxaphene-2

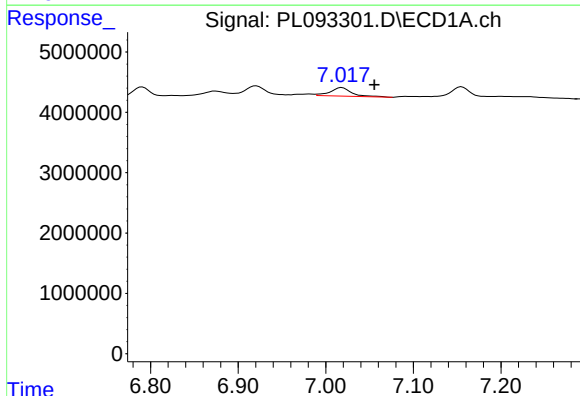
R.T.: 0.000 min
Exp R.T.: 6.438 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



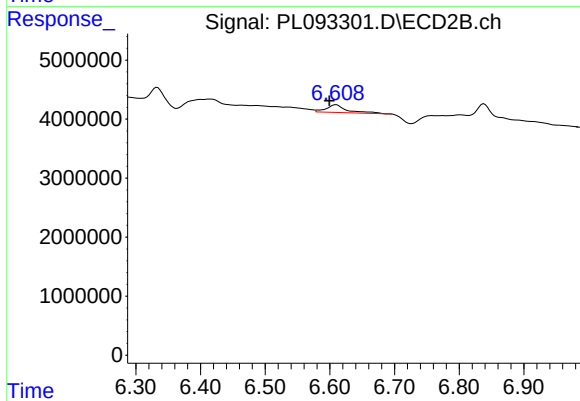
#23 Toxaphene-2

R.T.: 5.931 min
Delta R.T.: 0.002 min
Response: 2946419
Conc: 179.71 ng/ml



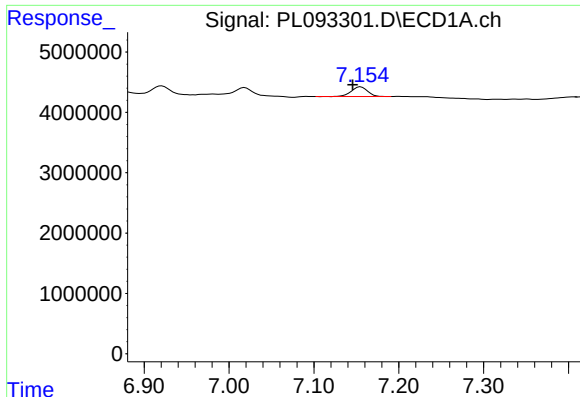
#24 Toxaphene-3

R.T.: 7.018 min
Delta R.T.: -0.037 min
Response: 2430254
Conc: 36.94 ng/ml



#24 Toxaphene-3

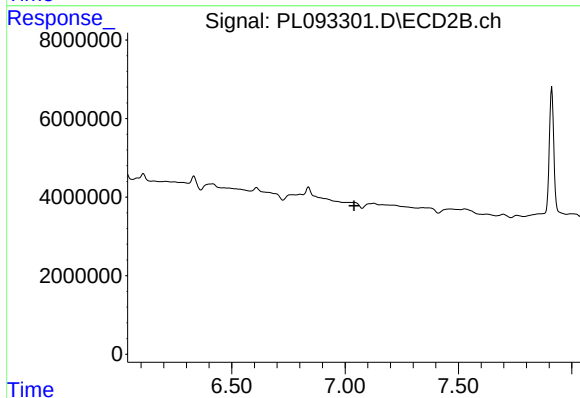
R.T.: 6.610 min
Delta R.T.: 0.010 min
Response: 2809631
Conc: 37.43 ng/ml



#25 Toxaphene-4

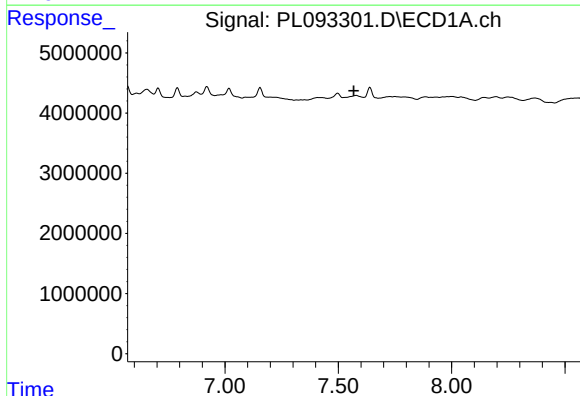
R.T.: 7.155 min
Delta R.T.: 0.009 min
Response: 2187822
Conc: 44.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



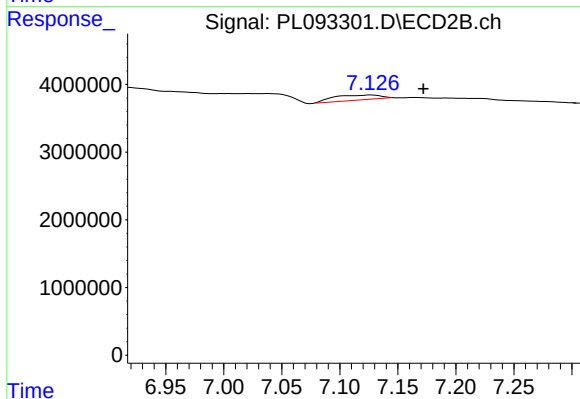
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 7.040 min
Response: 0
Conc: N.D.



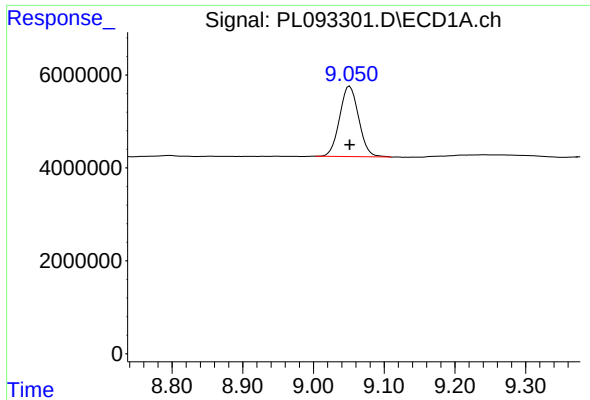
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 7.568 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

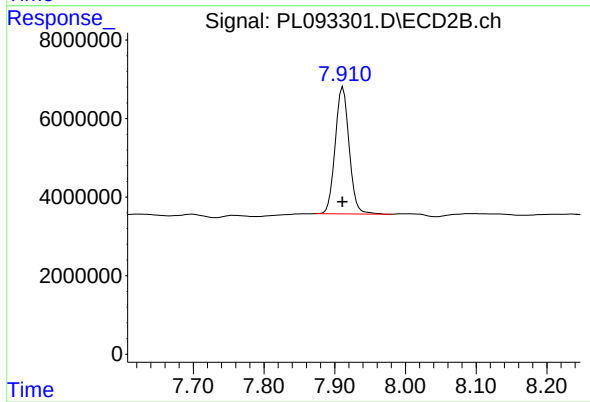
R.T.: 7.127 min
Delta R.T.: -0.045 min
Response: 2181734
Conc: 63.41 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: 0.000 min
Response: 28404206
Conc: 14.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-07



#27 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 44345424
Conc: 13.22 ng/ml