

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082925\
 Data File : PL097005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2025 15:43
 Operator : AR\AJ
 Sample : Q21217-03
 Misc : PEST MDL SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-QT2-2025-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 06:19:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081225CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 13 06:38:25 2025
 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

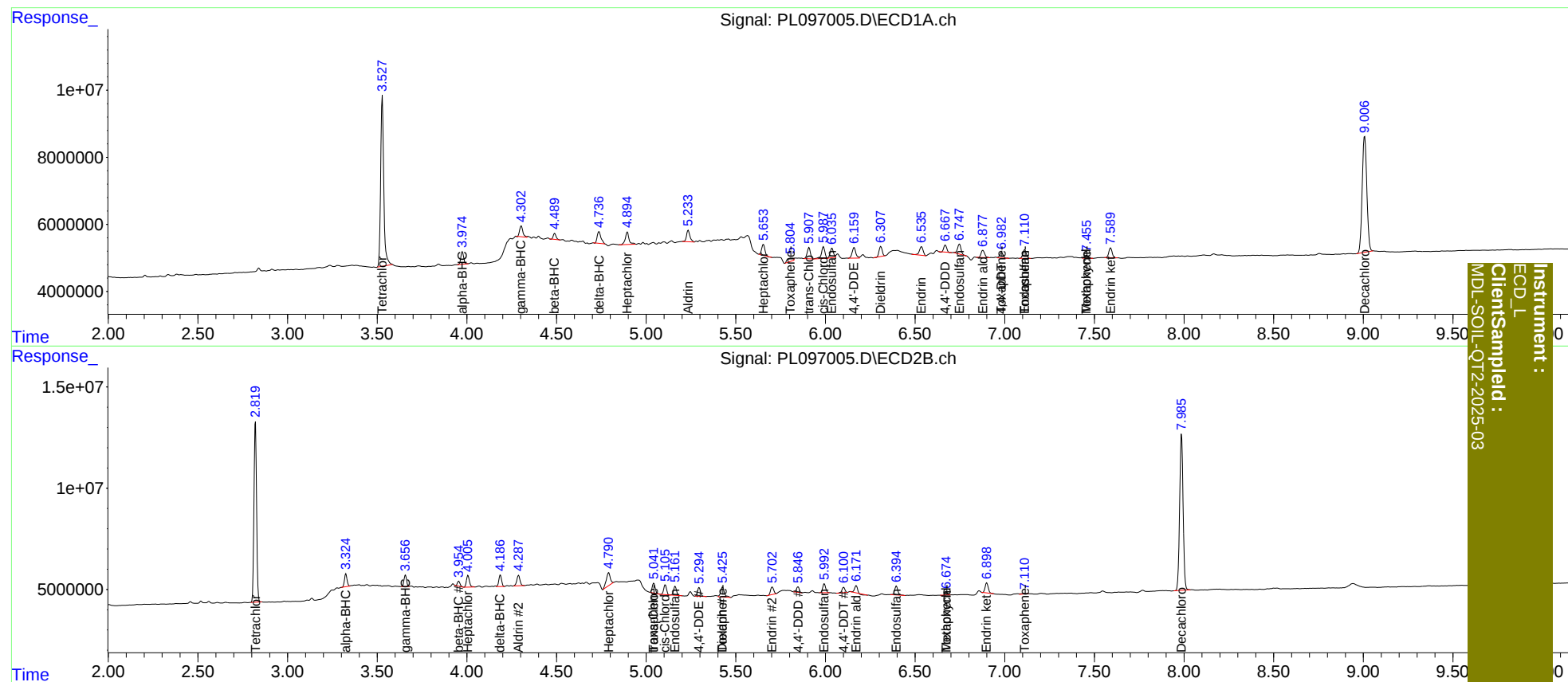
System Monitoring Compounds							
1)	SA Tetrachlo...	3.528	2.821	61188420	89326590	20.466	19.608
27)	SA Decachlor...	9.007	7.986	62282223	103.6E6	27.894	23.347
Target Compounds							
2)	A alpha-BHC	3.975	3.325	4143000	6415610	0.893	0.927
3)	MA gamma-BHC...	4.304	3.658	4088117	5687475	0.931	0.885
4)	MA Heptachlor	4.895	4.006	5386290	6648954	1.228	1.033
5)	MB Aldrin	5.235	4.289	4575397	6310185	1.081	1.062
6)	B beta-BHC	4.490	3.955	1964423	2309905	1.076	0.800 #
7)	B delta-BHC	4.737	4.187	5027031	6083375	1.277	0.965
8)	B Heptachlo...	5.654	4.791	3823405	9763588	1.031	1.764 #
9)	A Endosulfan I	6.037	5.162	3494915	4548621	1.015	0.874
10)	B trans-Chl...	5.908	5.043	4140206	5580697	1.131	0.995
11)	B cis-Chlor...	5.989	5.107	4696014	5487491	1.275	1.002
12)	B 4,4'-DDE	6.160	5.296	4453598	5126848	1.433	0.940 #
13)	MA Dieldrin	6.309	5.426	3607306	7063239	0.988	1.212
14)	MA Endrin	6.536	5.703	3678852	4457744	1.269	0.884 #
15)	B Endosulfa...	6.748	5.994	3906734	5142315	1.365	1.047
16)	A 4,4'-DDD	6.669	5.847	2397589	2925432	0.963	0.637 #
17)	MA 4,4'-DDT	6.983	6.102	2137883	2843615	0.901	0.615 #
18)	B Endrin al...	6.878	6.172	2955710	3170973	1.376	0.764 #
19)	B Endosulfa...	7.112	6.396	3459769	5454959	1.289	1.102
20)	A Methoxychlor	7.457	6.675	1190353	1355742	0.914	0.551 #
21)	B Endrin ke...	7.591	6.900	3739131	5960178	1.268	1.130
22)	Toxaphene-1	5.806	5.043	2292161	5580697	224.664	177.839
23)	Toxaphene-2	0.000	5.426	0	7063239	N.D.	224.648
24)	Toxaphene-3	6.983	6.675	2137883	1355742	25.337	10.706 #
25)	Toxaphene-4	7.112	7.111	3459769	627787	53.516	8.795 #
26)	Toxaphene-5	7.457f	0.000	1190353	0	14.797	N.D. #

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

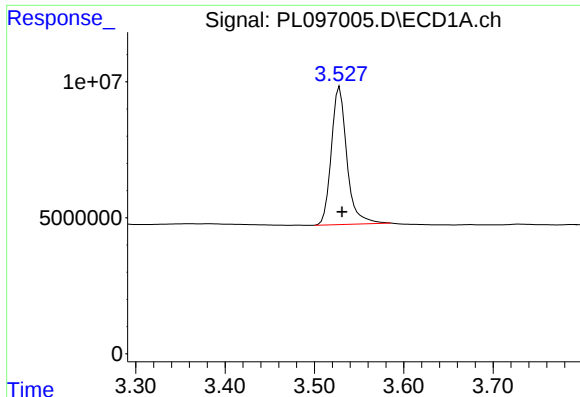
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082925\
Data File : PL097005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2025 15:43
Operator : AR\AJ
Sample : Q21217-03
Misc : PEST MDL SOIL
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 06:19:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081225CLP.M
Quant Title : GC Extractables
QLast Update : Wed Aug 13 06:38:25 2025
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



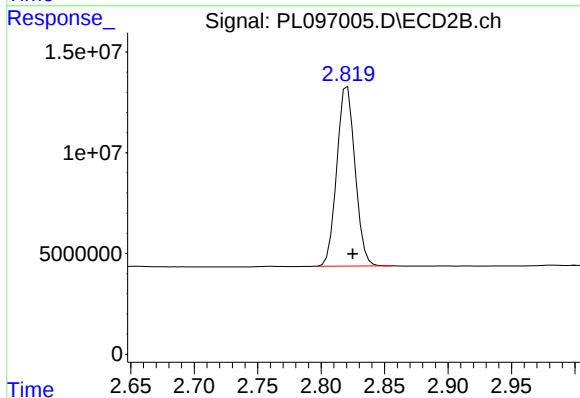
Instrument :
ECD_L
Client Sample :
MDL-SOIL-QT2-2025-03



#1 Tetrachloro-m-xylene

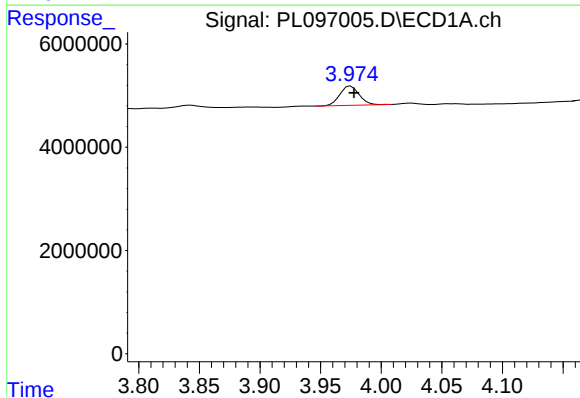
R.T.: 3.528 min
Delta R.T.: -0.003 min
Response: 61188420
Conc: 20.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



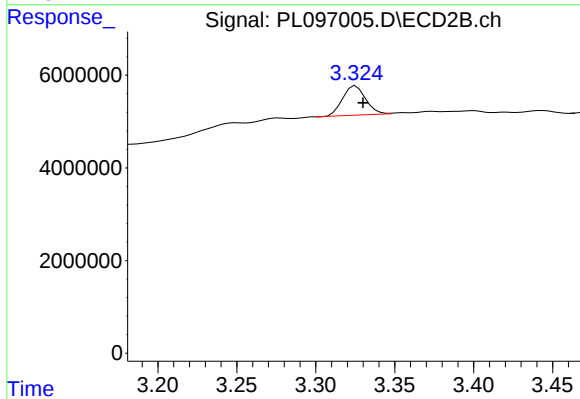
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.004 min
Response: 89326590
Conc: 19.61 ng/ml



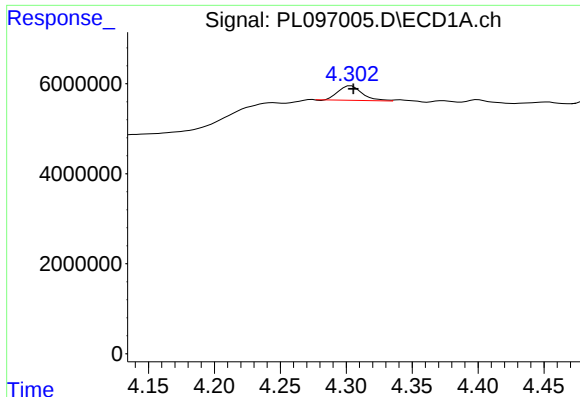
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 4143000
Conc: 0.89 ng/ml



#2 alpha-BHC

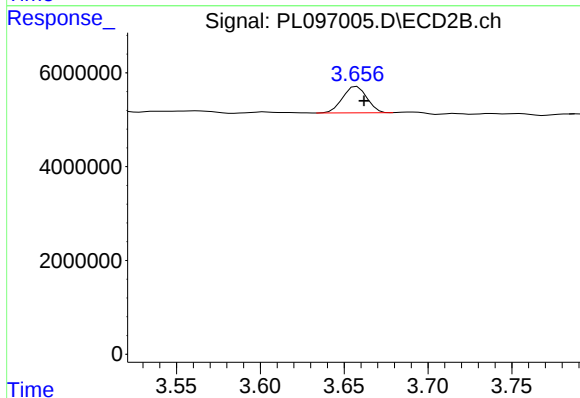
R.T.: 3.325 min
Delta R.T.: -0.005 min
Response: 6415610
Conc: 0.93 ng/ml



#3 gamma-BHC (Lindane)

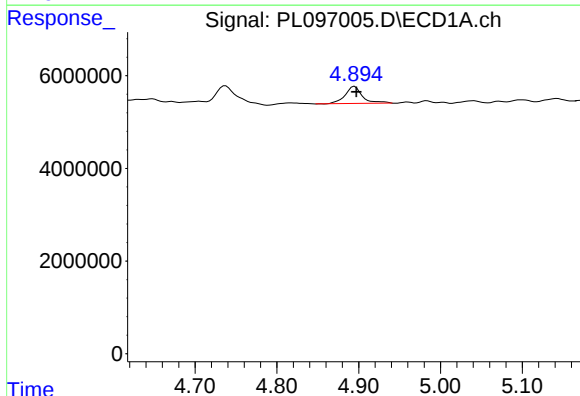
R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 4088117
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



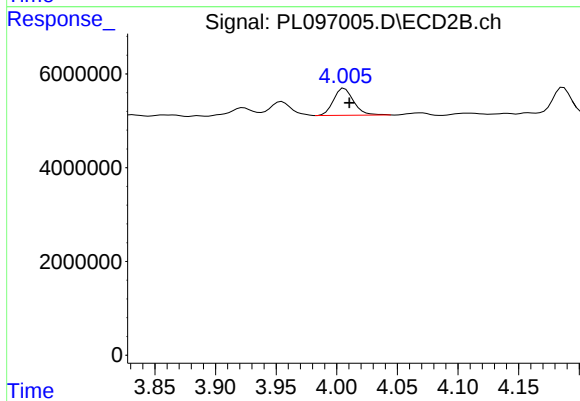
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.004 min
Response: 5687475
Conc: 0.88 ng/ml



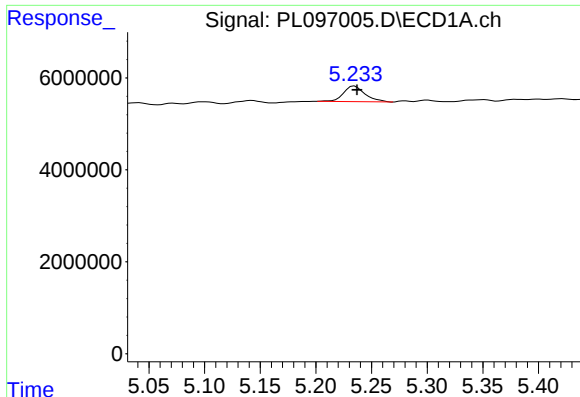
#4 Heptachlor

R.T.: 4.895 min
Delta R.T.: -0.002 min
Response: 5386290
Conc: 1.23 ng/ml



#4 Heptachlor

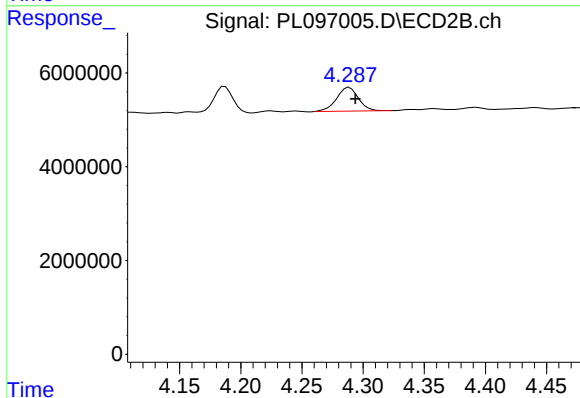
R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 6648954
Conc: 1.03 ng/ml



#5 Aldrin

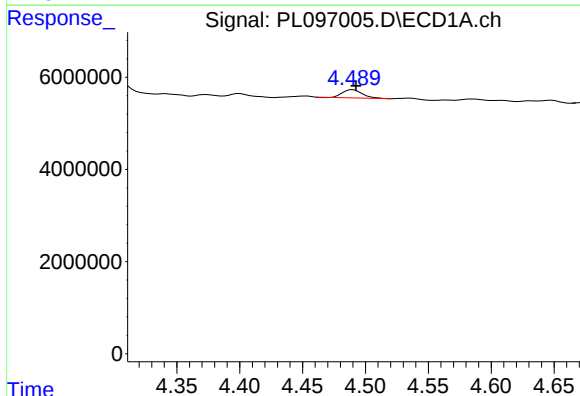
R.T.: 5.235 min
Delta R.T.: -0.002 min
Response: 4575397
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



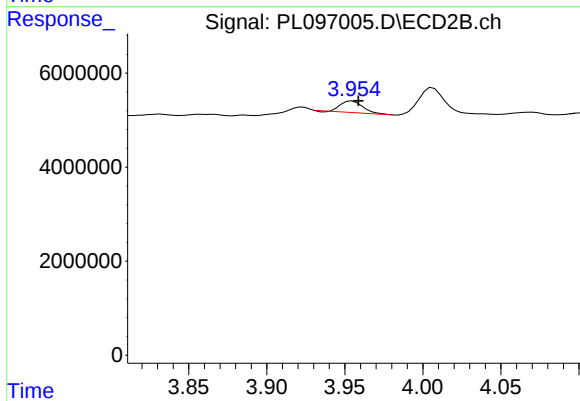
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.005 min
Response: 6310185
Conc: 1.06 ng/ml



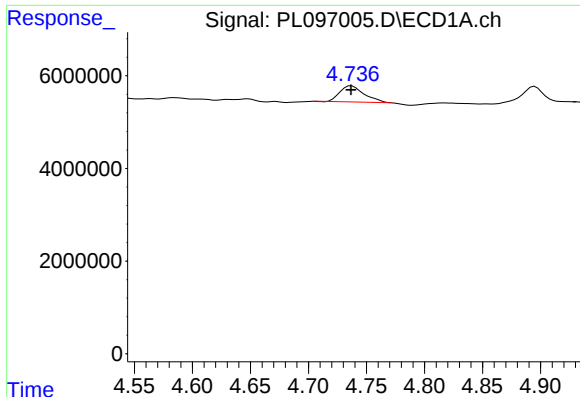
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.002 min
Response: 1964423
Conc: 1.08 ng/ml



#6 beta-BHC

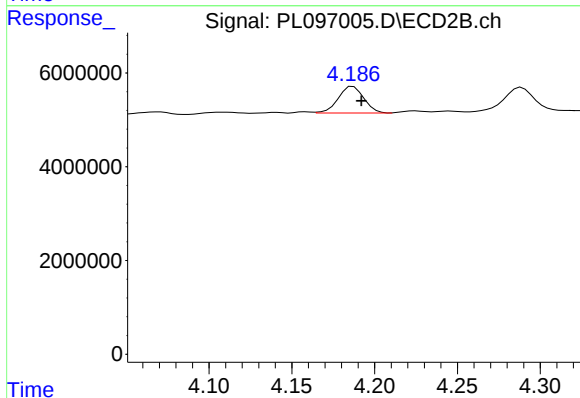
R.T.: 3.955 min
Delta R.T.: -0.004 min
Response: 2309905
Conc: 0.80 ng/ml



#7 delta-BHC

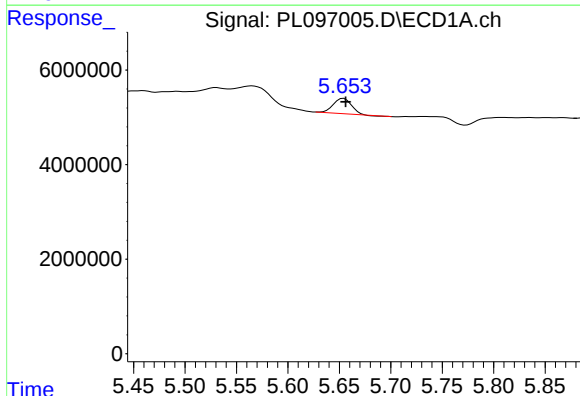
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 5027031
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



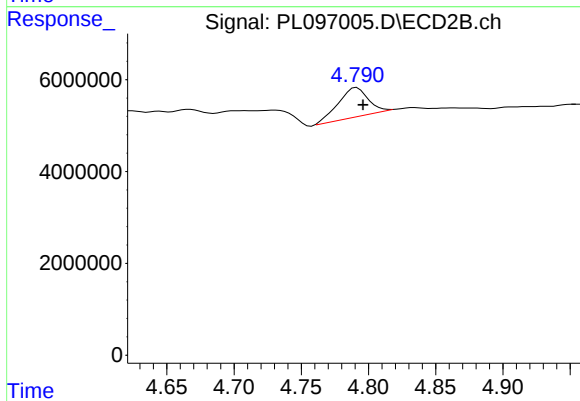
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: -0.005 min
Response: 6083375
Conc: 0.97 ng/ml



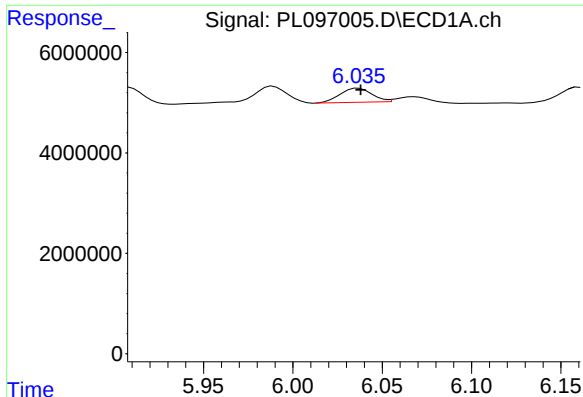
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 3823405
Conc: 1.03 ng/ml



#8 Heptachlor epoxide

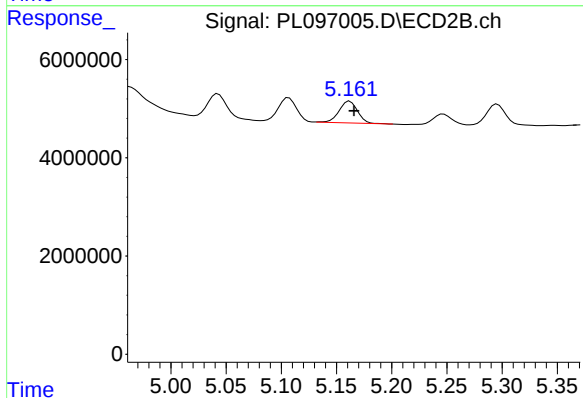
R.T.: 4.791 min
Delta R.T.: -0.005 min
Response: 9763588
Conc: 1.76 ng/ml



#9 Endosulfan I

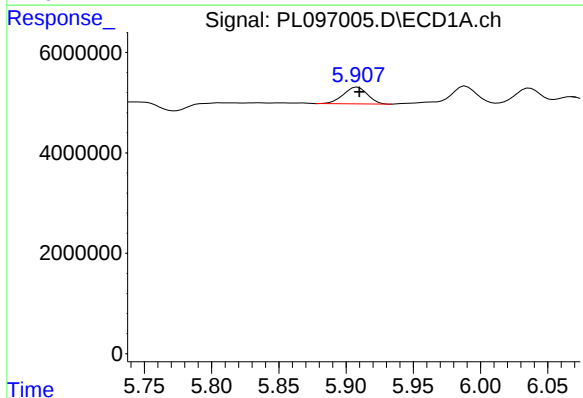
R.T.: 6.037 min
Delta R.T.: -0.001 min
Response: 3494915
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



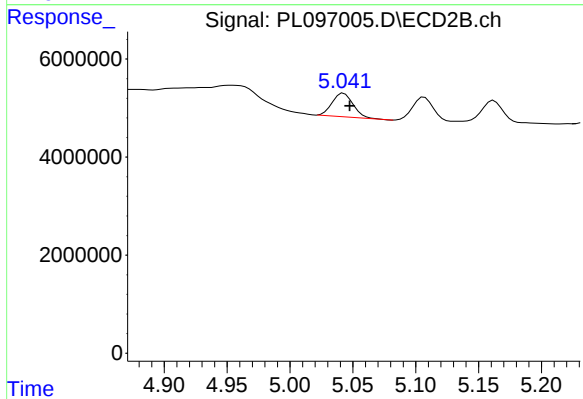
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 4548621
Conc: 0.87 ng/ml



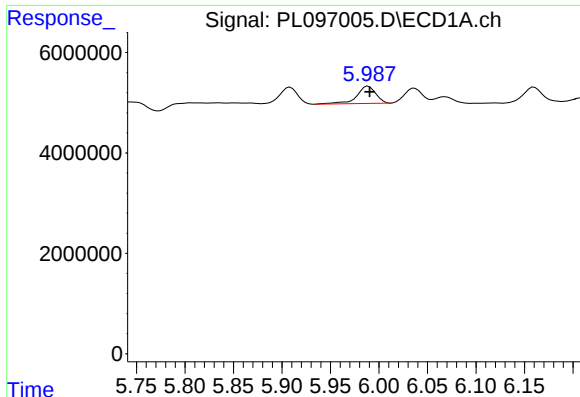
#10 trans-Chlordane

R.T.: 5.908 min
Delta R.T.: -0.001 min
Response: 4140206
Conc: 1.13 ng/ml



#10 trans-Chlordane

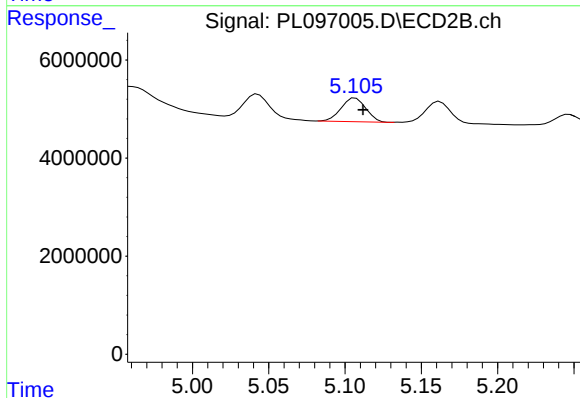
R.T.: 5.043 min
Delta R.T.: -0.005 min
Response: 5580697
Conc: 0.99 ng/ml



#11 cis-Chlordane

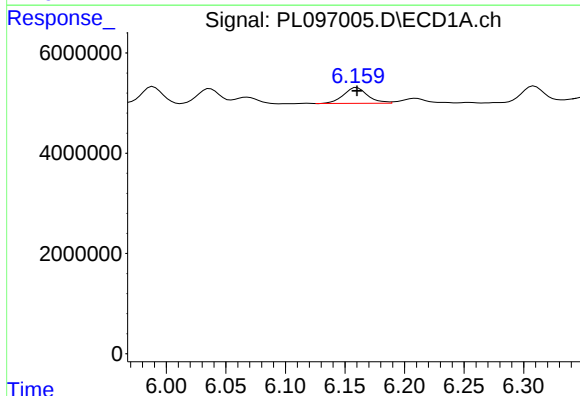
R.T.: 5.989 min
Delta R.T.: -0.001 min
Response: 4696014
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



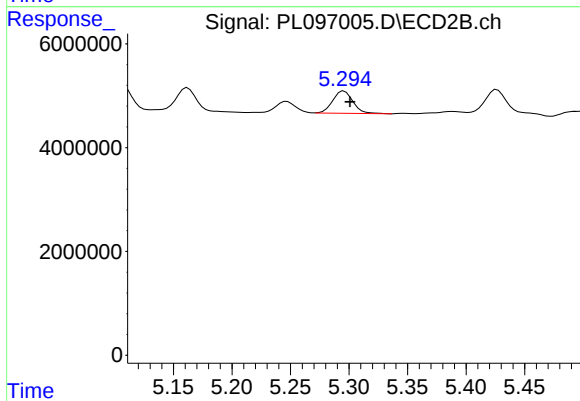
#11 cis-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.005 min
Response: 5487491
Conc: 1.00 ng/ml



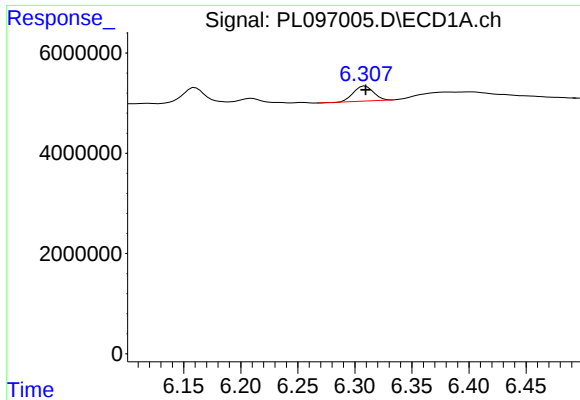
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 4453598
Conc: 1.43 ng/ml



#12 4,4'-DDE

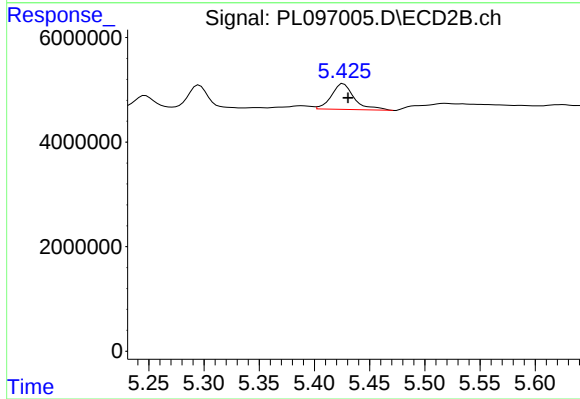
R.T.: 5.296 min
Delta R.T.: -0.005 min
Response: 5126848
Conc: 0.94 ng/ml



#13 Dieldrin

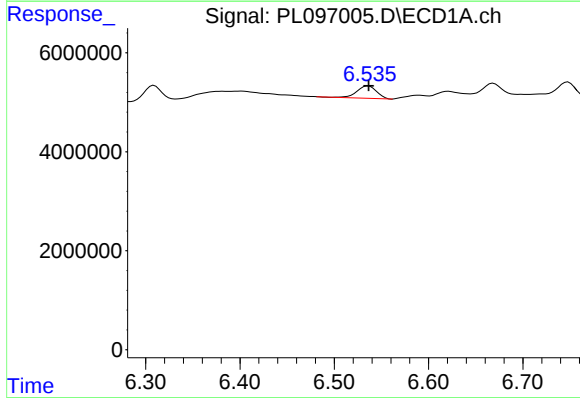
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 3607306
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



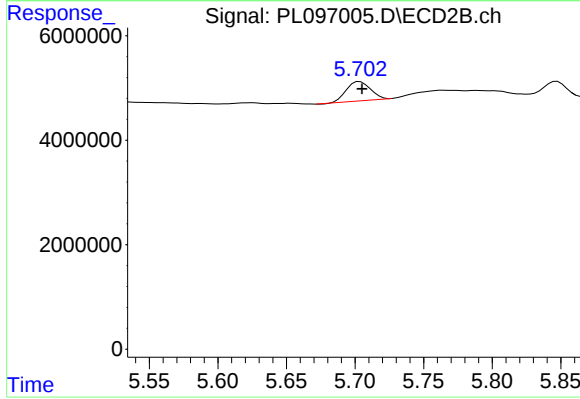
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.004 min
Response: 7063239
Conc: 1.21 ng/ml



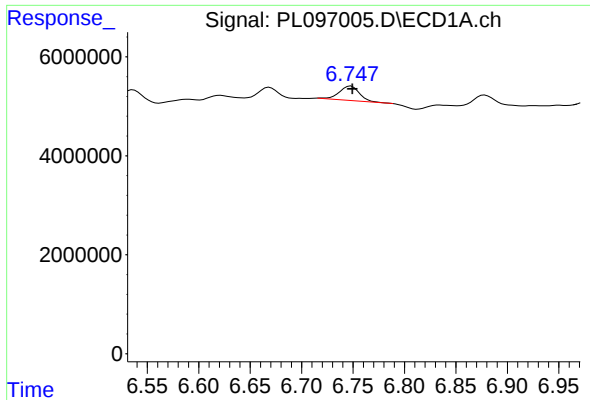
#14 Endrin

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 3678852
Conc: 1.27 ng/ml



#14 Endrin

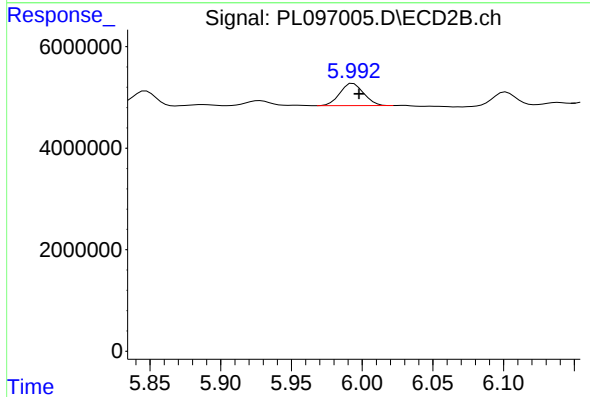
R.T.: 5.703 min
Delta R.T.: -0.002 min
Response: 4457744
Conc: 0.88 ng/ml



#15 Endosulfan II

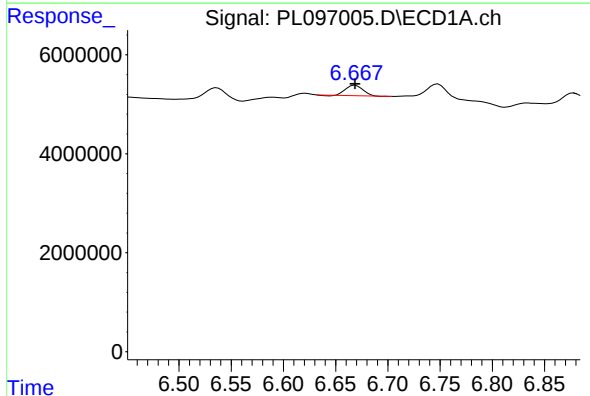
R.T.: 6.748 min
Delta R.T.: -0.001 min
Response: 3906734
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



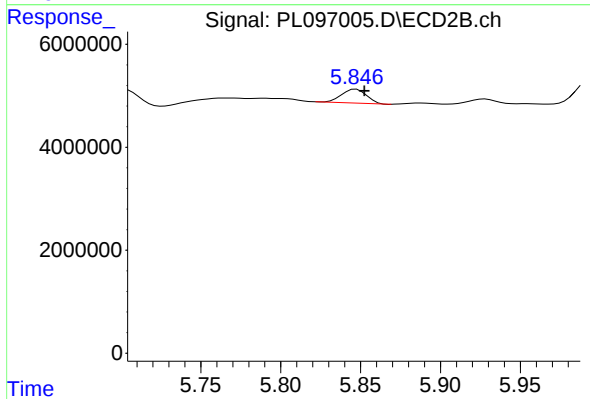
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: -0.004 min
Response: 5142315
Conc: 1.05 ng/ml



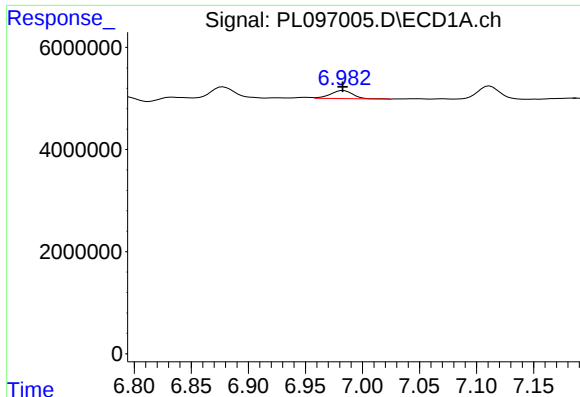
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 2397589
Conc: 0.96 ng/ml



#16 4,4'-DDD

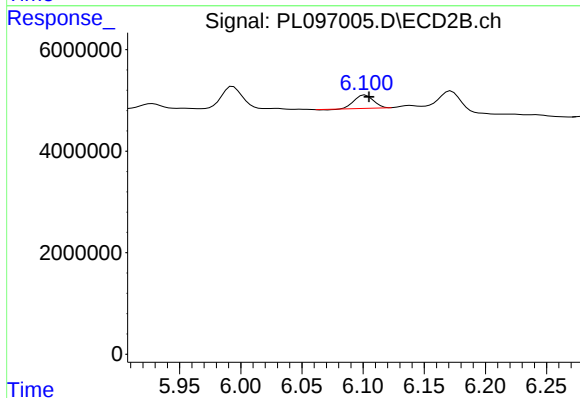
R.T.: 5.847 min
Delta R.T.: -0.005 min
Response: 2925432
Conc: 0.64 ng/ml



#17 4,4'-DDT

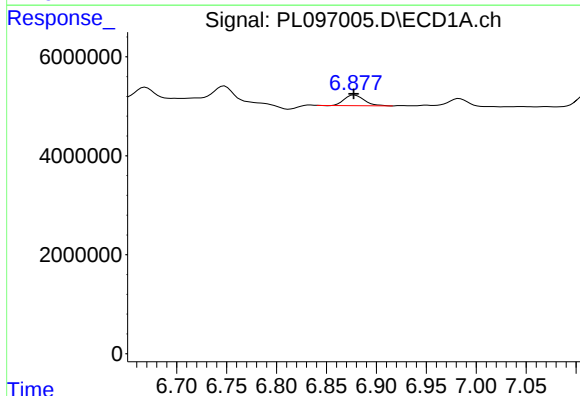
R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 2137883
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



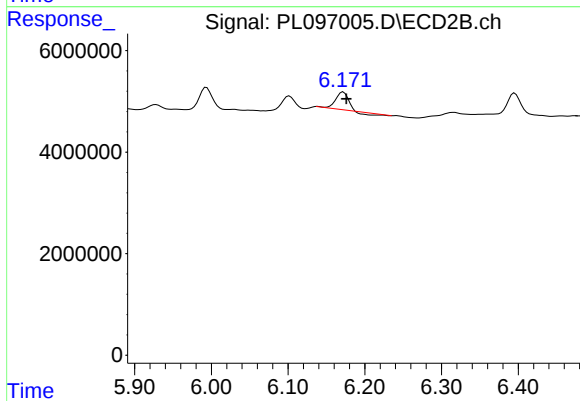
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: -0.003 min
Response: 2843615
Conc: 0.62 ng/ml



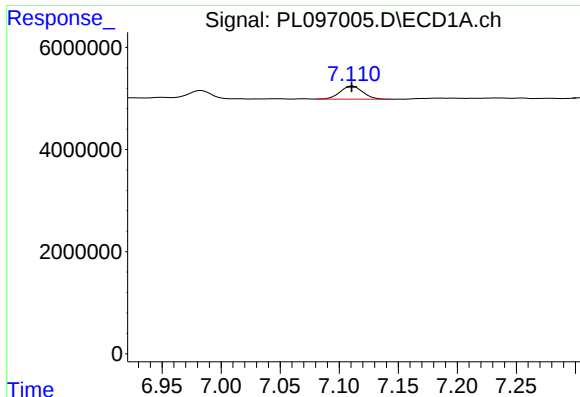
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 2955710
Conc: 1.38 ng/ml



#18 Endrin aldehyde

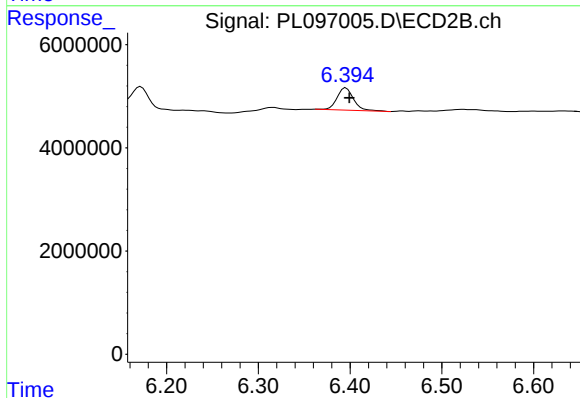
R.T.: 6.172 min
Delta R.T.: -0.004 min
Response: 3170973
Conc: 0.76 ng/ml



#19 Endosulfan Sulfate

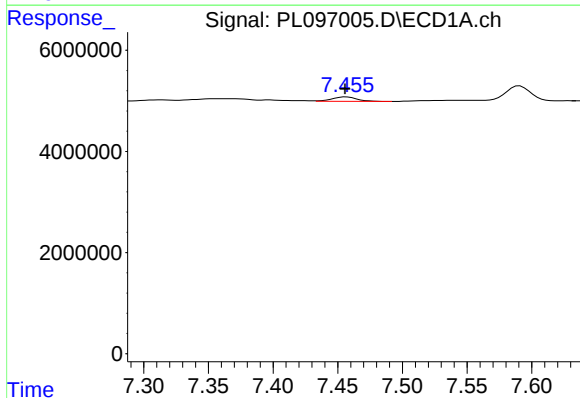
R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 3459769
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



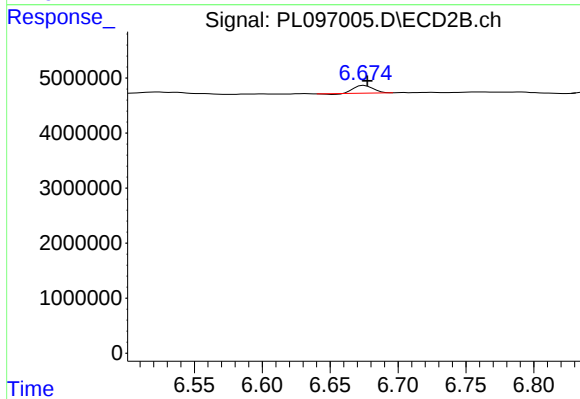
#19 Endosulfan Sulfate

R.T.: 6.396 min
Delta R.T.: -0.004 min
Response: 5454959
Conc: 1.10 ng/ml



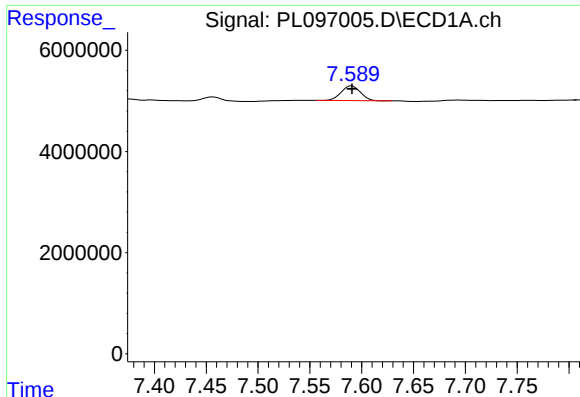
#20 Methoxychlor

R.T.: 7.457 min
Delta R.T.: 0.001 min
Response: 1190353
Conc: 0.91 ng/ml



#20 Methoxychlor

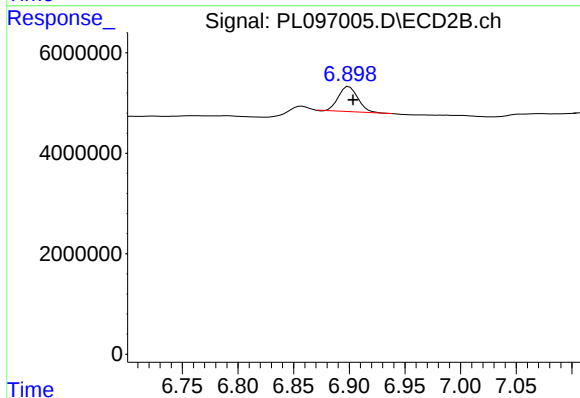
R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 1355742
Conc: 0.55 ng/ml



#21 Endrin ketone

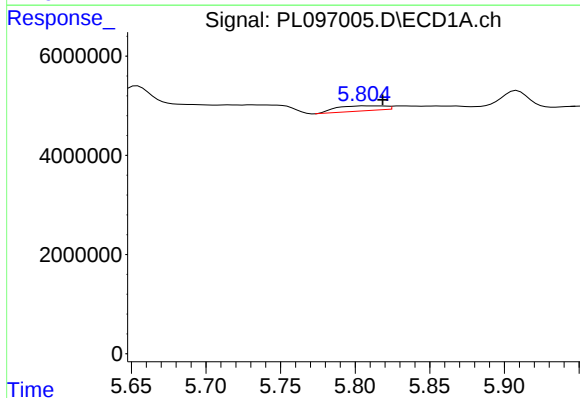
R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 3739131
Conc: 1.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



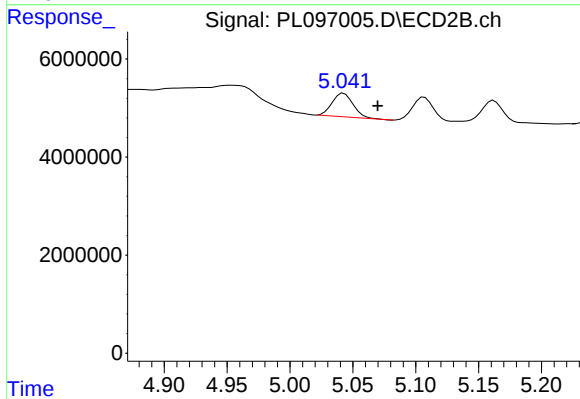
#21 Endrin ketone

R.T.: 6.900 min
Delta R.T.: -0.004 min
Response: 5960178
Conc: 1.13 ng/ml



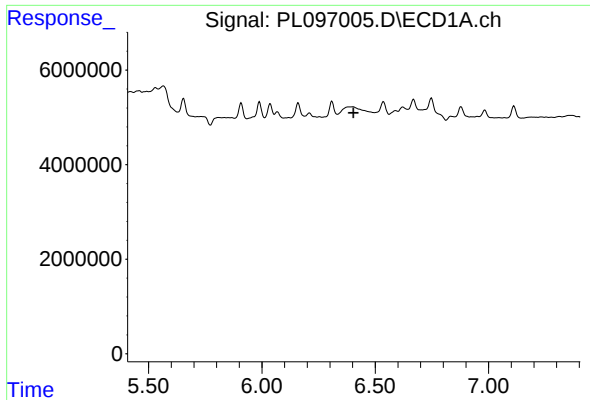
#22 Toxaphene-1

R.T.: 5.806 min
Delta R.T.: -0.012 min
Response: 2292161
Conc: 224.66 ng/ml



#22 Toxaphene-1

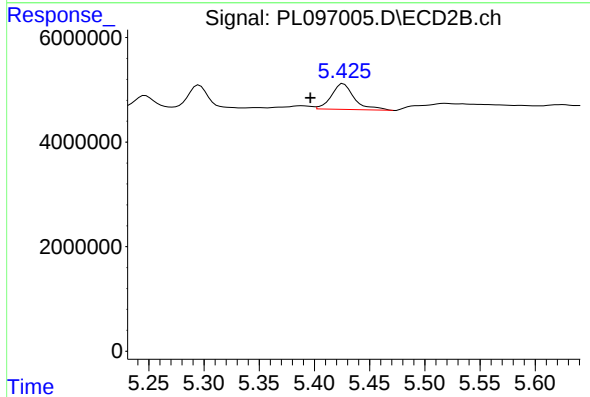
R.T.: 5.043 min
Delta R.T.: -0.027 min
Response: 5580697
Conc: 177.84 ng/ml



#23 Toxaphene-2

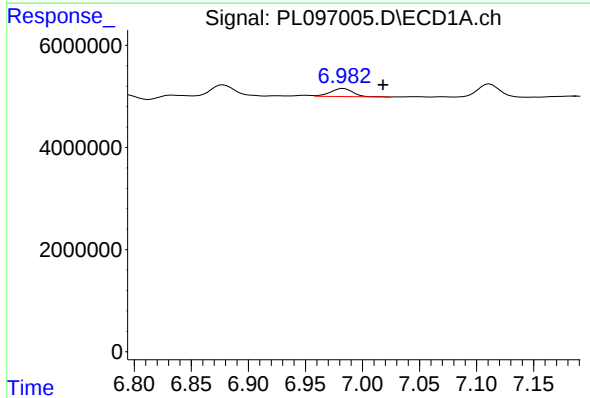
R.T.: 0.000 min
Exp R.T.: 6.404 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



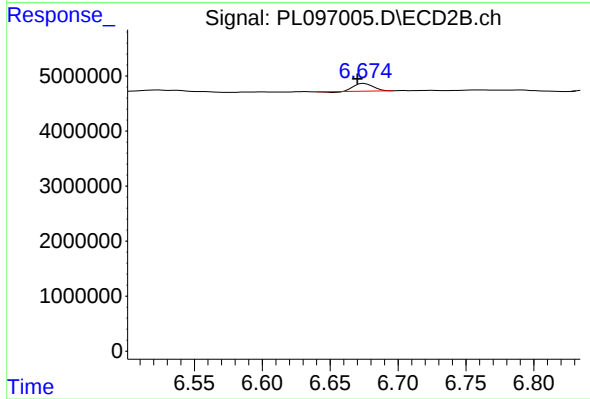
#23 Toxaphene-2

R.T.: 5.426 min
Delta R.T.: 0.030 min
Response: 7063239
Conc: 224.65 ng/ml



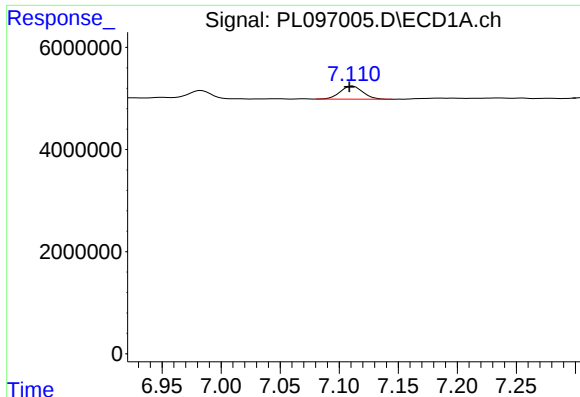
#24 Toxaphene-3

R.T.: 6.983 min
Delta R.T.: -0.035 min
Response: 2137883
Conc: 25.34 ng/ml



#24 Toxaphene-3

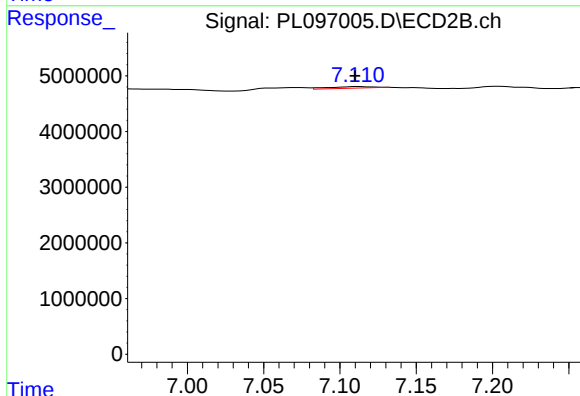
R.T.: 6.675 min
Delta R.T.: 0.005 min
Response: 1355742
Conc: 10.71 ng/ml



#25 Toxaphene-4

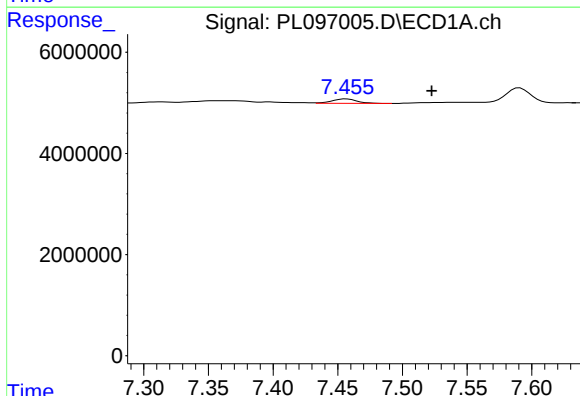
R.T.: 7.112 min
Delta R.T.: 0.003 min
Response: 3459769
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



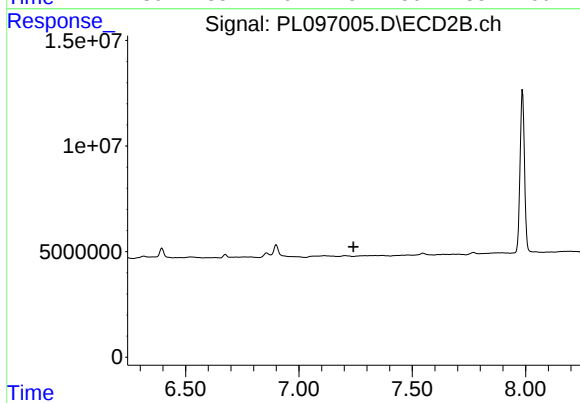
#25 Toxaphene-4

R.T.: 7.111 min
Delta R.T.: 0.001 min
Response: 627787
Conc: 8.79 ng/ml



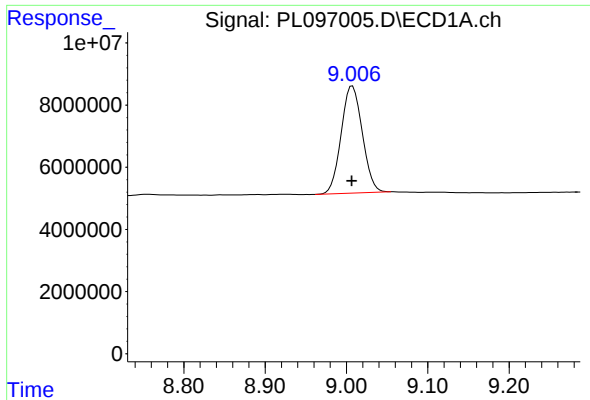
#26 Toxaphene-5

R.T.: 7.457 min
Delta R.T.: -0.066 min
Response: 1190353
Conc: 14.80 ng/ml



#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T.: 7.241 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

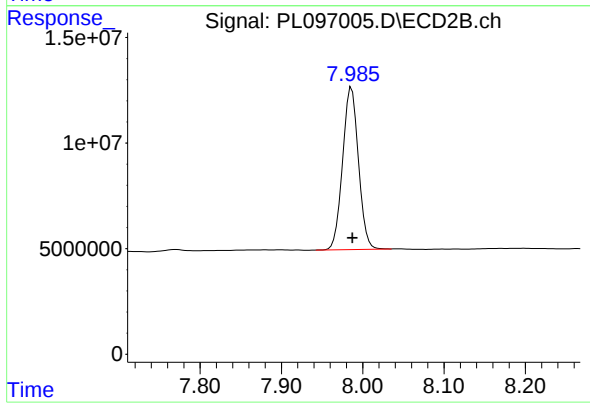
R.T.: 9.007 min

Delta R.T.: 0.000 min

Response: 62282223

Conc: 27.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-03



#27 Decachlorobiphenyl

R.T.: 7.986 min

Delta R.T.: -0.001 min

Response: 103583303

Conc: 23.35 ng/ml