

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090325\
 Data File : PL097036.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 14:55
 Operator : AR\AJ
 Sample : Q2117-04
 Misc : PEST MDL SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-QT2-2025-04

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 07:17:31 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

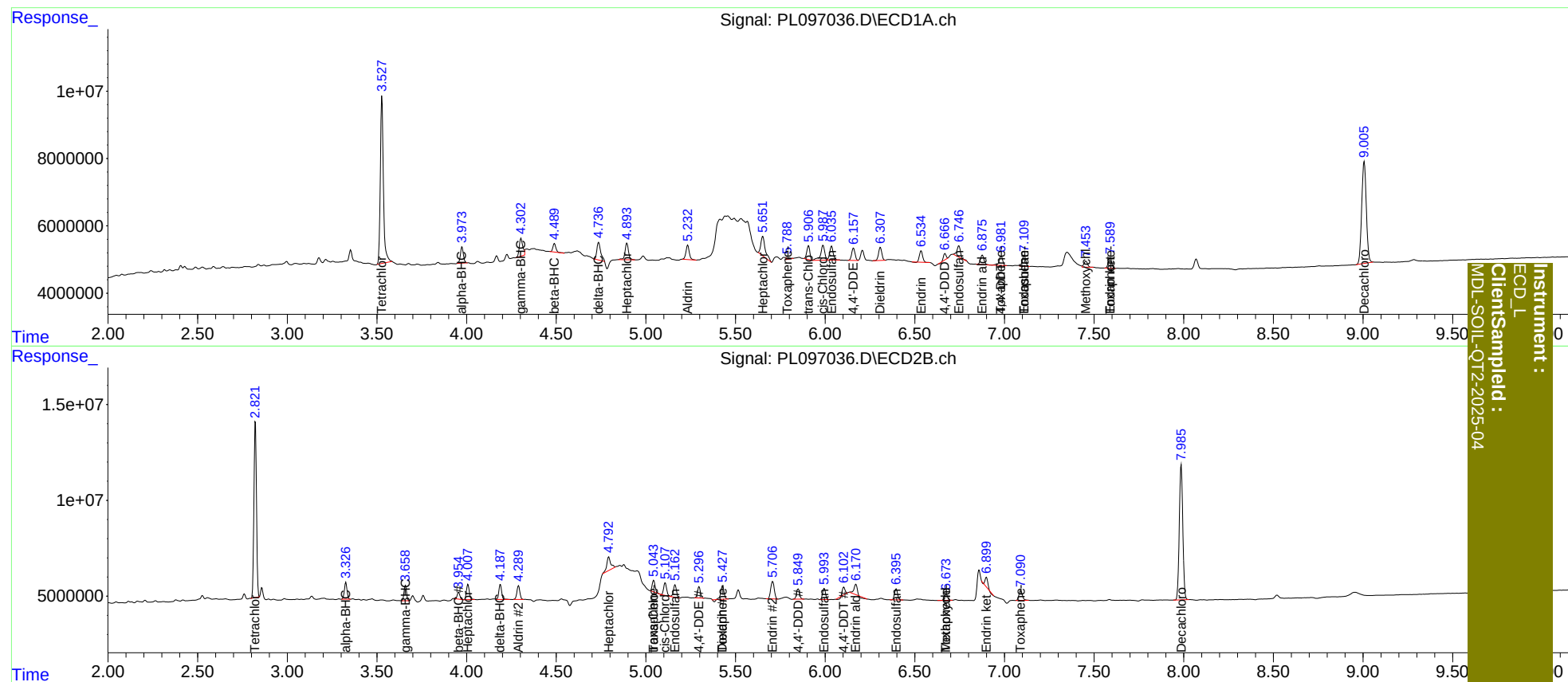
System Monitoring Compounds							
1)	SA Tetrachlo...	3.528	2.822	59168773	89932729	19.790	19.741
27)	SA Decachlor...	9.007	7.986	54065760	96352805	24.214	21.717
Target Compounds							
2)	A alpha-BHC	3.975	3.327	5617215	9065350	1.210	1.310
3)	MA gamma-BHC...	4.304	3.659	7005450	7876389	1.596	1.225
4)	MA Heptachlor	4.894	4.008	6595561	8912255	1.504	1.384
5)	MB Aldrin	5.234	4.290	5585274	8194955	1.320	1.379
6)	B beta-BHC	4.490	3.956	3102459	3463018	1.699	1.199 #
7)	B delta-BHC	4.737	4.189	7688518	8471901	1.954	1.344 #
8)	B Heptachlo...	5.652	4.793	9517340	11384611	2.567	2.057
9)	A Endosulfan I	6.036	5.163	5630534	7761868	1.635	1.491
10)	B trans-Chl...	5.908	5.044	4859594	6936141	1.327	1.237
11)	B cis-Chlor...	5.989	5.108	7308823	7790586	1.984	1.422 #
12)	B 4,4'-DDE	6.158	5.297	4839858	6725725	1.557	1.233
13)	MA Dieldrin	6.308	5.428	4927750	8311407	1.349	1.426
14)	MA Endrin	6.536	5.708	4212627	12593113	1.453	2.497 #
15)	B Endosulfa...	6.746	5.995	4490220	6817182	1.569	1.388
16)	A 4,4'-DDD	6.669	5.850	1676949	6315545	0.674	1.375 #
17)	MA 4,4'-DDT	6.982	6.104	3937679	3080922	1.659	0.667 #
18)	B Endrin al...	6.877	6.172	3845075	5637055	1.791	1.358
19)	B Endosulfa...	7.110	6.396	4290810	6645160	1.598	1.343
20)	A Methoxychlor	7.455	6.675	2478361	4091250	1.903	1.663
21)	B Endrin ke...	7.590	6.900	4113549	4081643	1.395	0.774 #
22)	Toxaphene-1	5.789	5.044	794523	6936141	77.874	221.033 #
23)	Toxaphene-2	0.000	5.428	0	8311407	N.D.	264.346
24)	Toxaphene-3	6.982f	6.675	3937679	4091250	46.667	32.306 #
25)	Toxaphene-4	7.110	7.091	4290810	7148142	66.371	100.140 #
26)	Toxaphene-5	7.590f	0.000	4113549	0	51.134	N.D. #

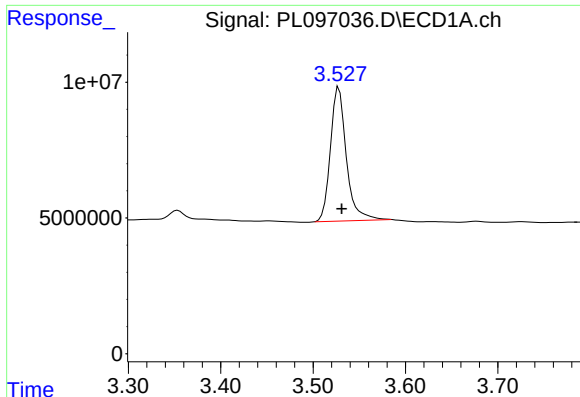
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090325\
Data File : PL097036.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Sep 2025 14:55
Operator : AR\AJ
Sample : Q2117-04
Misc : PEST MDL SOIL
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 04 07:17:31 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

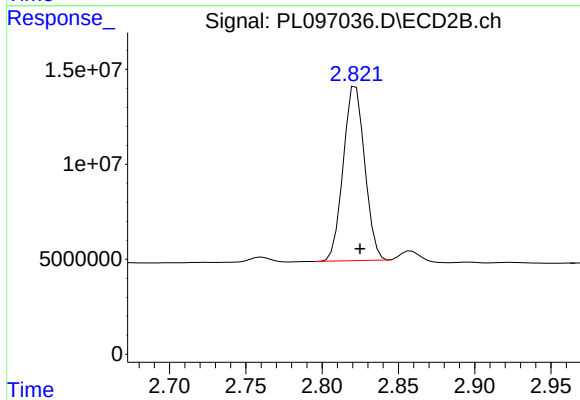




#1 Tetrachloro-m-xylene

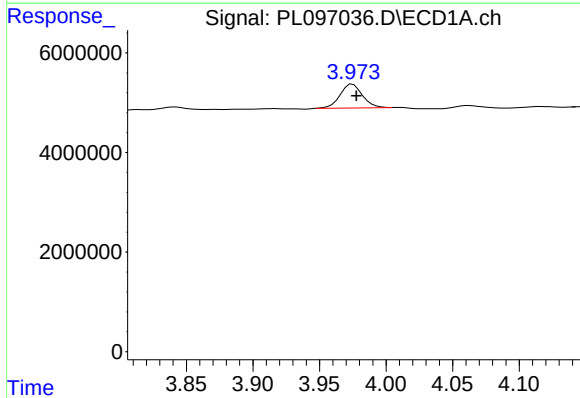
R.T.: 3.528 min
Delta R.T.: -0.003 min
Response: 59168773
Conc: 19.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



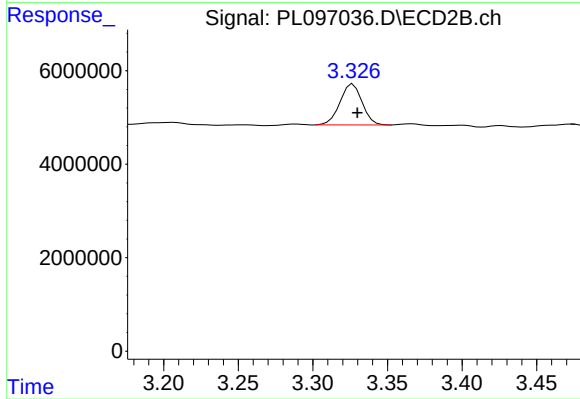
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.003 min
Response: 89932729
Conc: 19.74 ng/ml



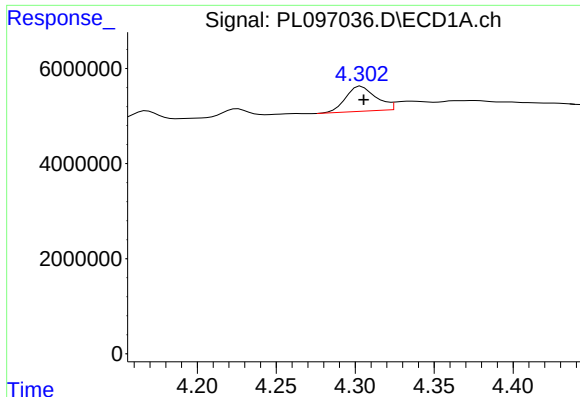
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 5617215
Conc: 1.21 ng/ml



#2 alpha-BHC

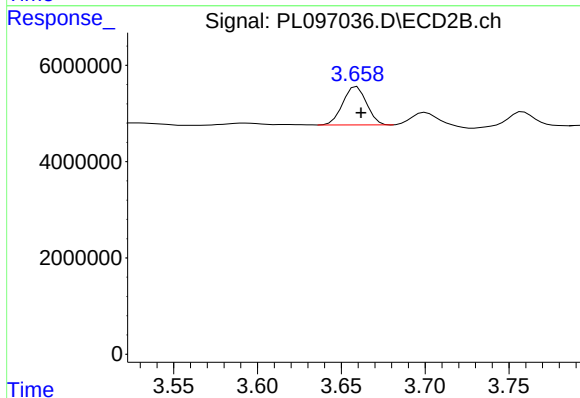
R.T.: 3.327 min
Delta R.T.: -0.003 min
Response: 9065350
Conc: 1.31 ng/ml



#3 gamma-BHC (Lindane)

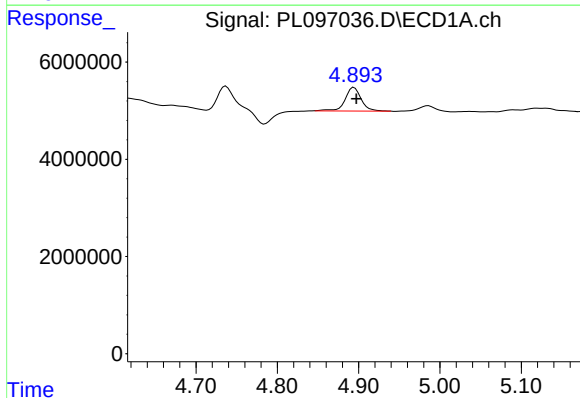
R.T.: 4.304 min
Delta R.T.: -0.001 min
Response: 7005450
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



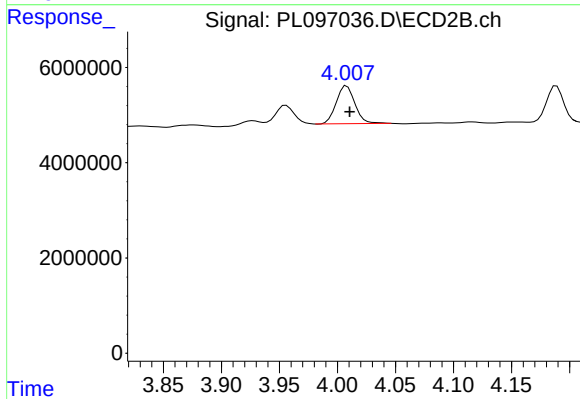
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 7876389
Conc: 1.23 ng/ml



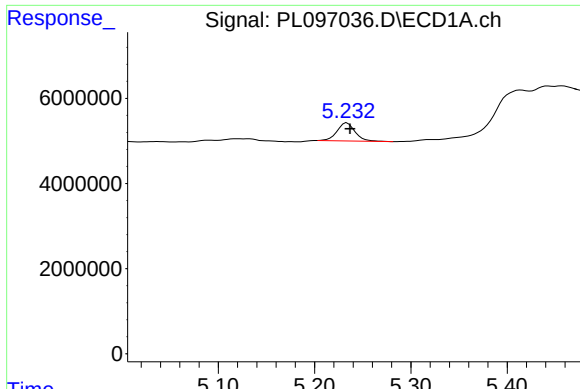
#4 Heptachlor

R.T.: 4.894 min
Delta R.T.: -0.003 min
Response: 6595561
Conc: 1.50 ng/ml



#4 Heptachlor

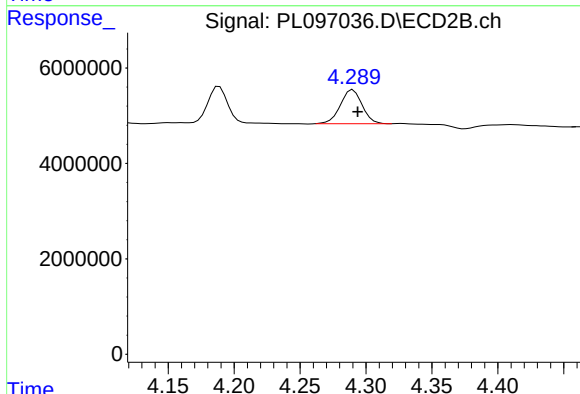
R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 8912255
Conc: 1.38 ng/ml



#5 Aldrin

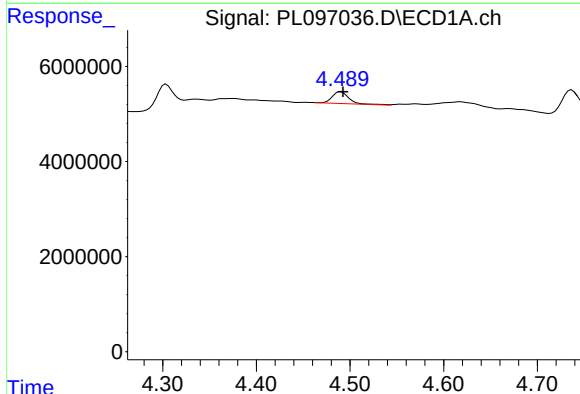
R.T.: 5.234 min
Delta R.T.: -0.003 min
Response: 5585274
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



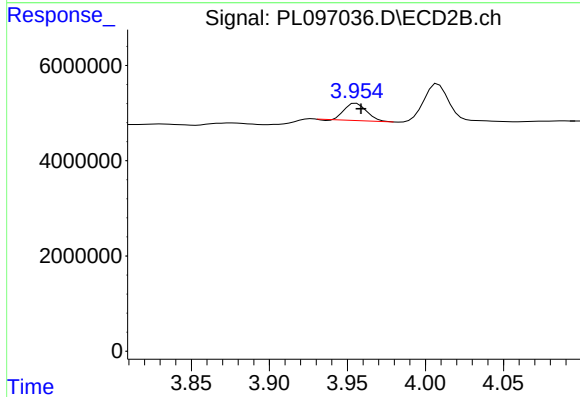
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: -0.004 min
Response: 8194955
Conc: 1.38 ng/ml



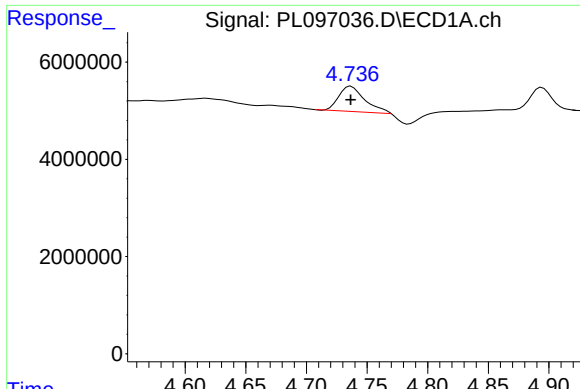
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.002 min
Response: 3102459
Conc: 1.70 ng/ml



#6 beta-BHC

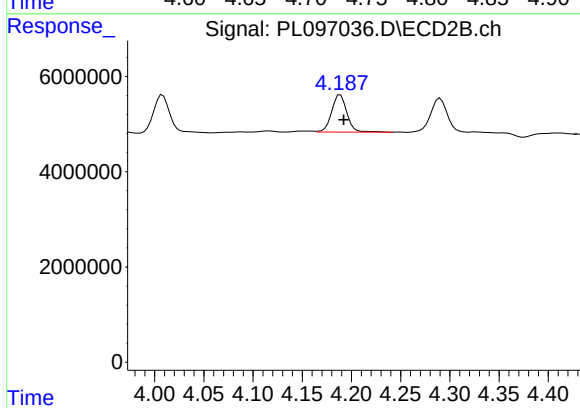
R.T.: 3.956 min
Delta R.T.: -0.003 min
Response: 3463018
Conc: 1.20 ng/ml



#7 delta-BHC

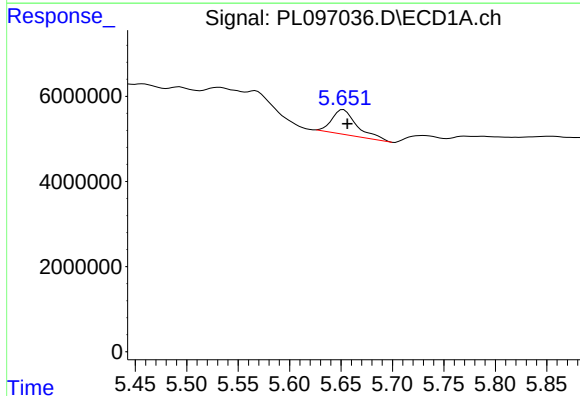
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 7688518
Conc: 1.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



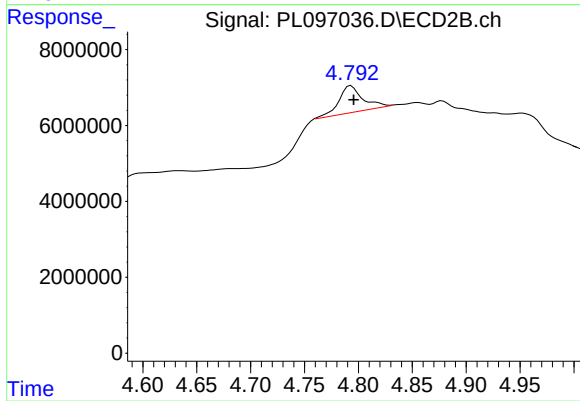
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.003 min
Response: 8471901
Conc: 1.34 ng/ml



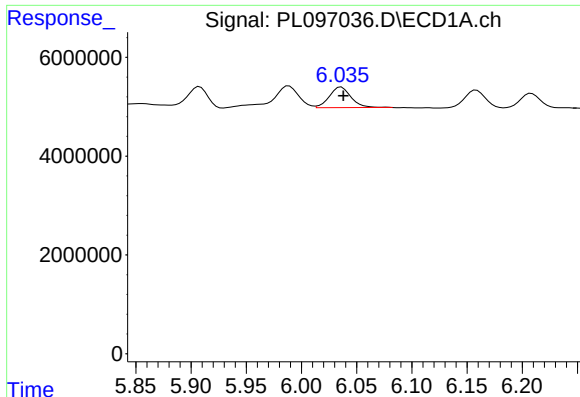
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: -0.004 min
Response: 9517340
Conc: 2.57 ng/ml



#8 Heptachlor epoxide

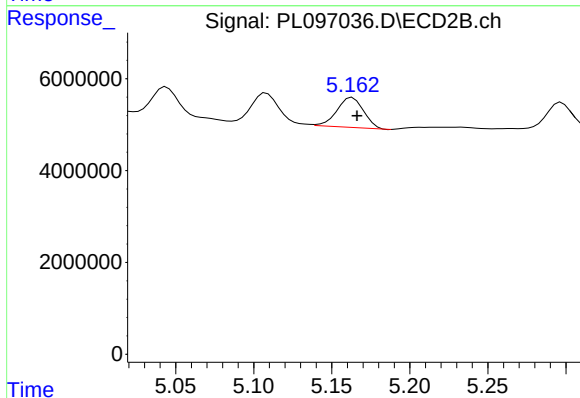
R.T.: 4.793 min
Delta R.T.: -0.003 min
Response: 11384611
Conc: 2.06 ng/ml



#9 Endosulfan I

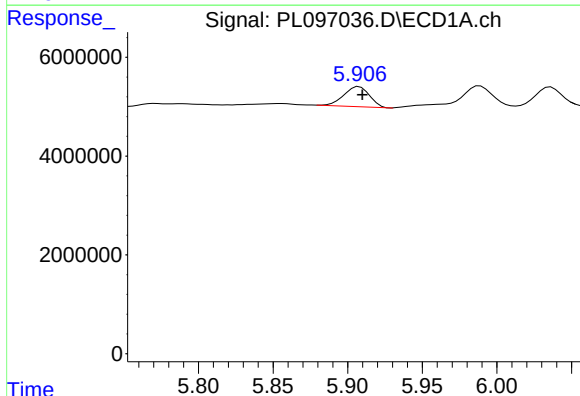
R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 5630534
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



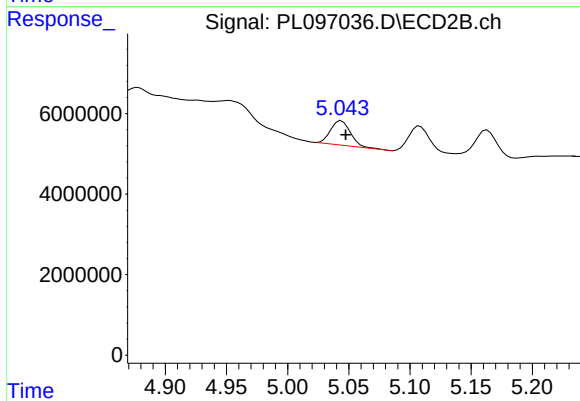
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.003 min
Response: 7761868
Conc: 1.49 ng/ml



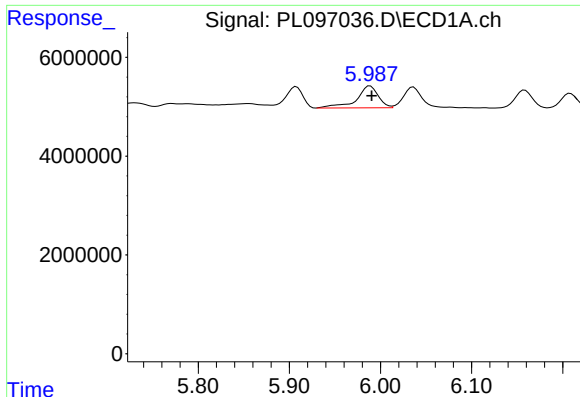
#10 trans-Chlordane

R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 4859594
Conc: 1.33 ng/ml



#10 trans-Chlordane

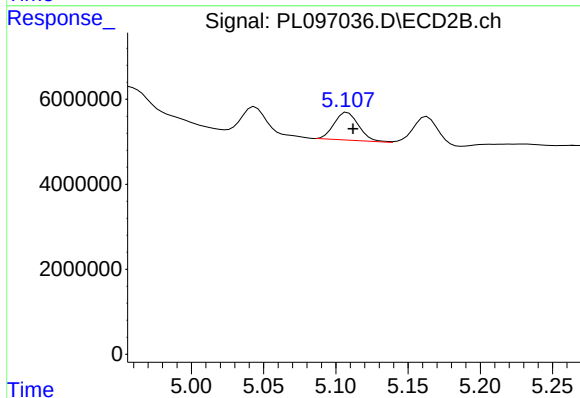
R.T.: 5.044 min
Delta R.T.: -0.004 min
Response: 6936141
Conc: 1.24 ng/ml



#11 cis-Chlordane

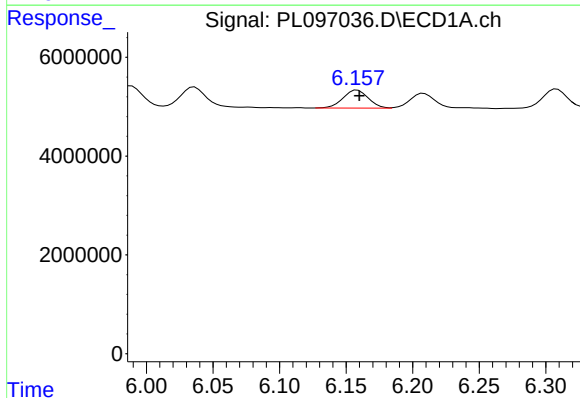
R.T.: 5.989 min
Delta R.T.: -0.002 min
Response: 7308823
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



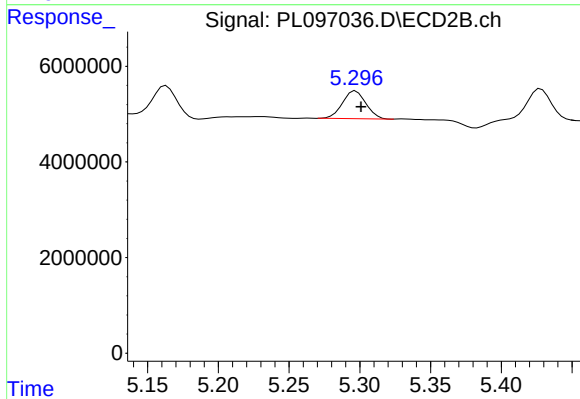
#11 cis-Chlordane

R.T.: 5.108 min
Delta R.T.: -0.004 min
Response: 7790586
Conc: 1.42 ng/ml



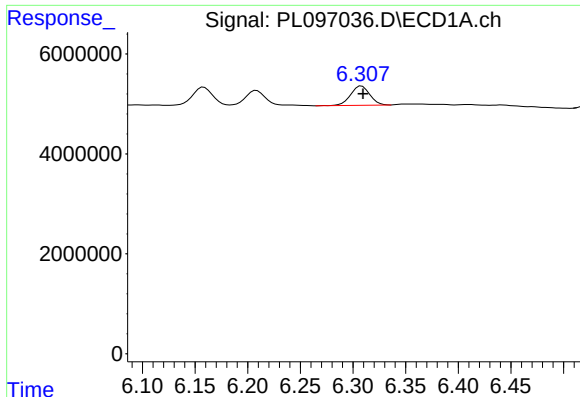
#12 4,4'-DDE

R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 4839858
Conc: 1.56 ng/ml



#12 4,4'-DDE

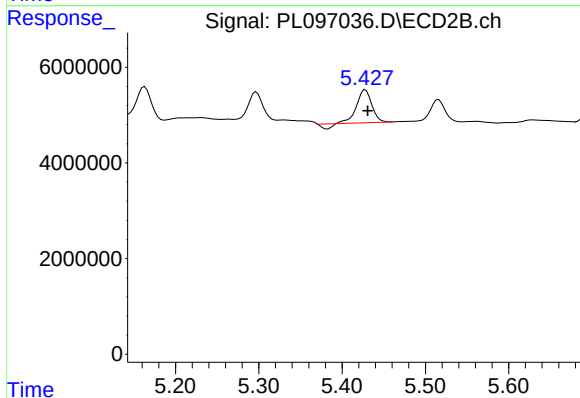
R.T.: 5.297 min
Delta R.T.: -0.004 min
Response: 6725725
Conc: 1.23 ng/ml



#13 Dieldrin

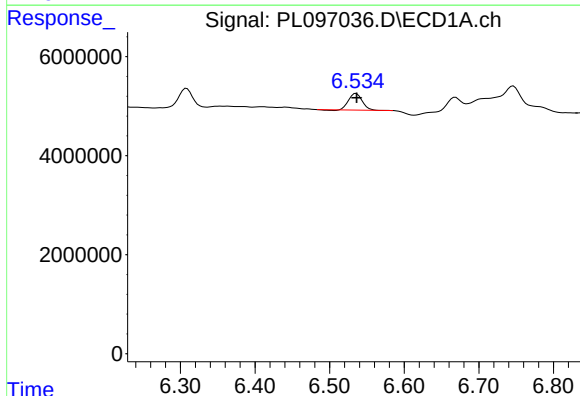
R.T.: 6.308 min
Delta R.T.: -0.001 min
Response: 4927750
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



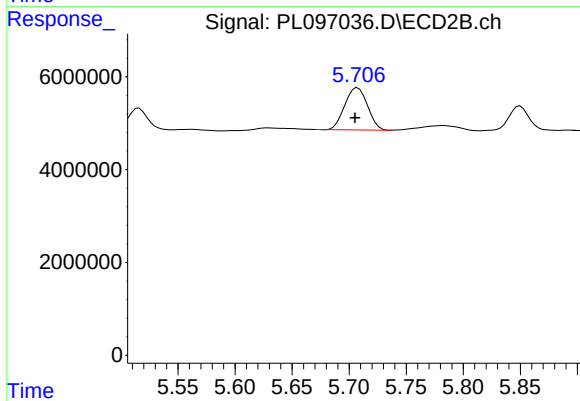
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: -0.003 min
Response: 8311407
Conc: 1.43 ng/ml



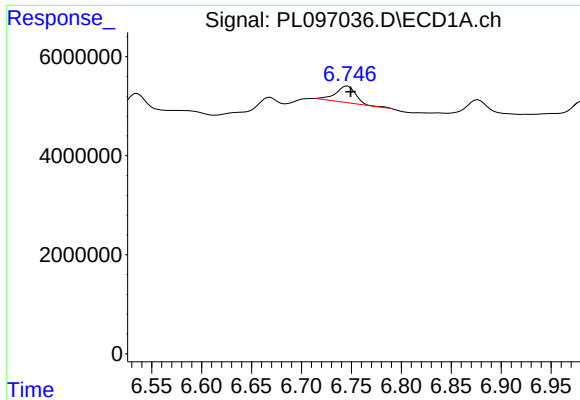
#14 Endrin

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 4212627
Conc: 1.45 ng/ml



#14 Endrin

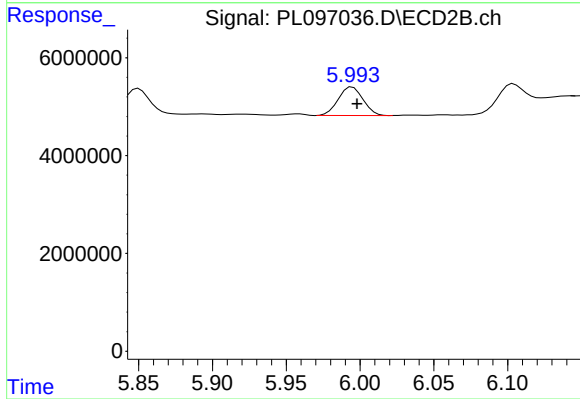
R.T.: 5.708 min
Delta R.T.: 0.002 min
Response: 12593113
Conc: 2.50 ng/ml



#15 Endosulfan II

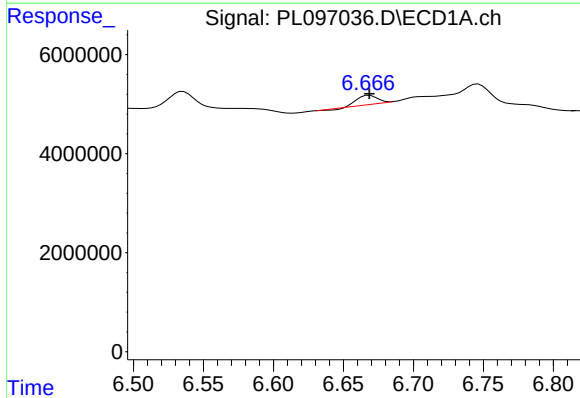
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 4490220
Conc: 1.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



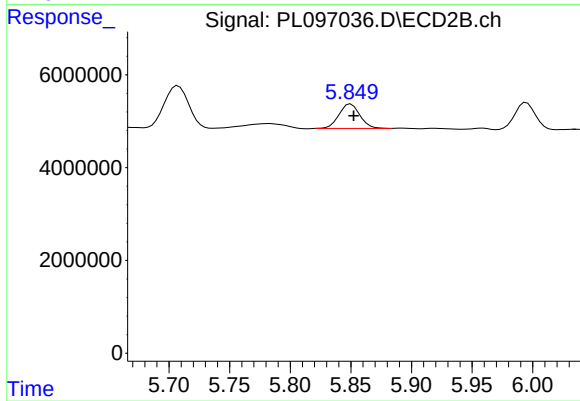
#15 Endosulfan II

R.T.: 5.995 min
Delta R.T.: -0.003 min
Response: 6817182
Conc: 1.39 ng/ml



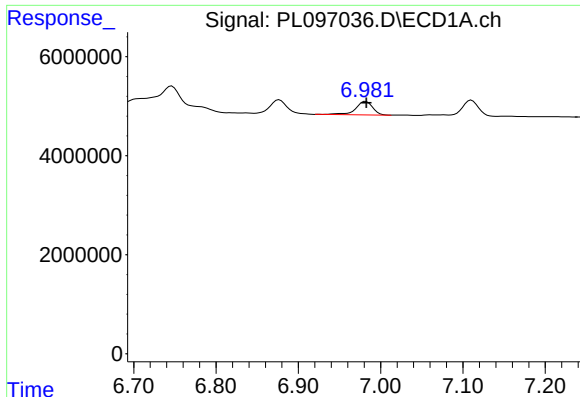
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 1676949
Conc: 0.67 ng/ml



#16 4,4'-DDD

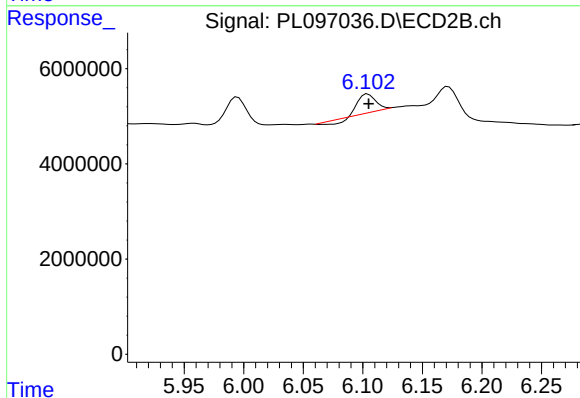
R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 6315545
Conc: 1.38 ng/ml



#17 4,4'-DDT

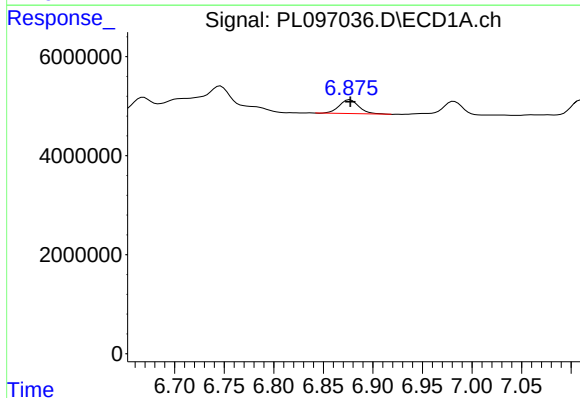
R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 3937679
Conc: 1.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



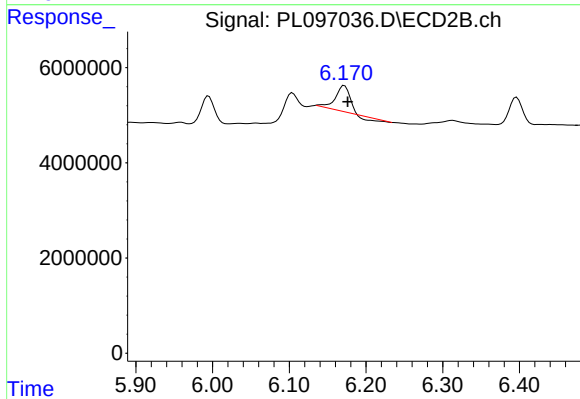
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 3080922
Conc: 0.67 ng/ml



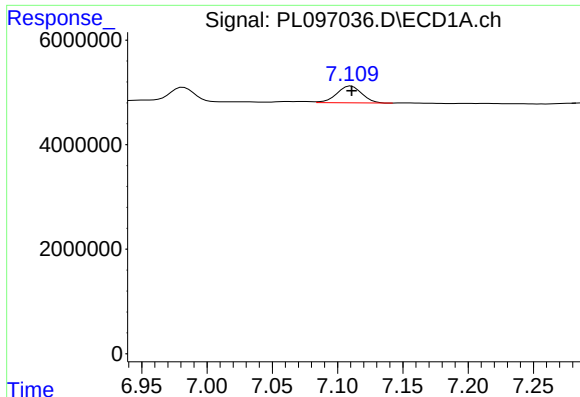
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 3845075
Conc: 1.79 ng/ml



#18 Endrin aldehyde

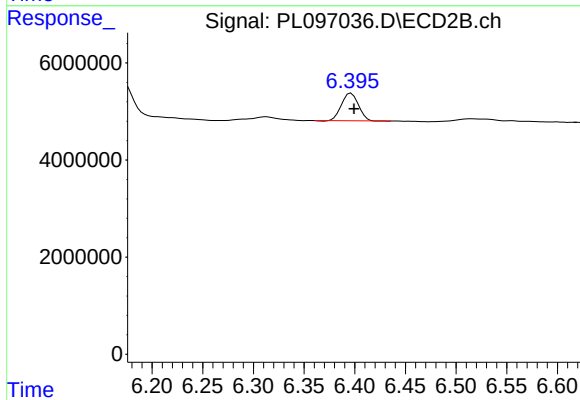
R.T.: 6.172 min
Delta R.T.: -0.004 min
Response: 5637055
Conc: 1.36 ng/ml



#19 Endosulfan Sulfate

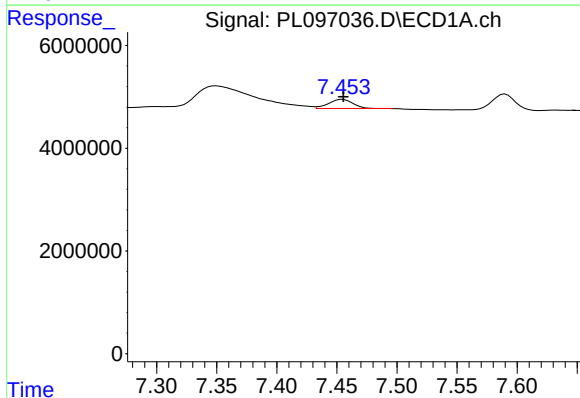
R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 4290810
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



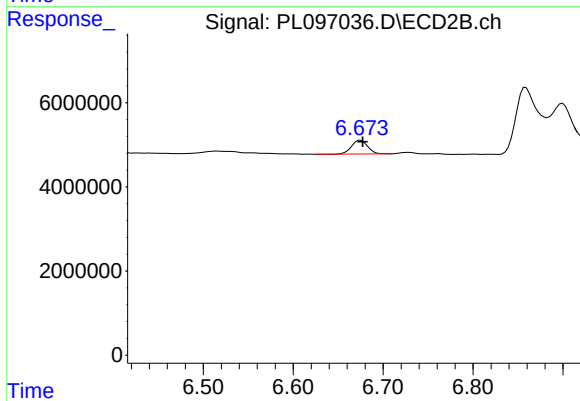
#19 Endosulfan Sulfate

R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 6645160
Conc: 1.34 ng/ml



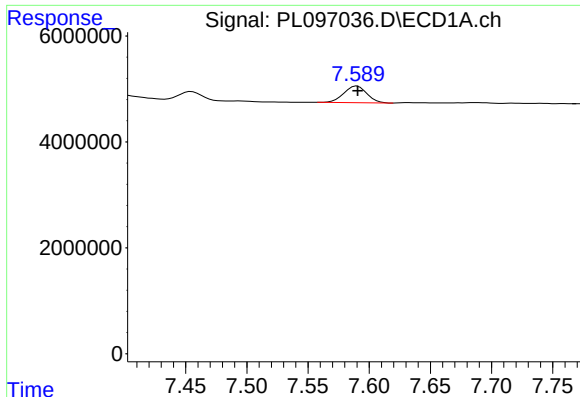
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 2478361
Conc: 1.90 ng/ml



#20 Methoxychlor

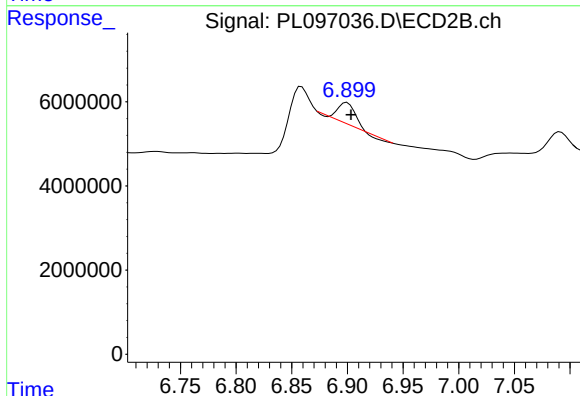
R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 4091250
Conc: 1.66 ng/ml



#21 Endrin ketone

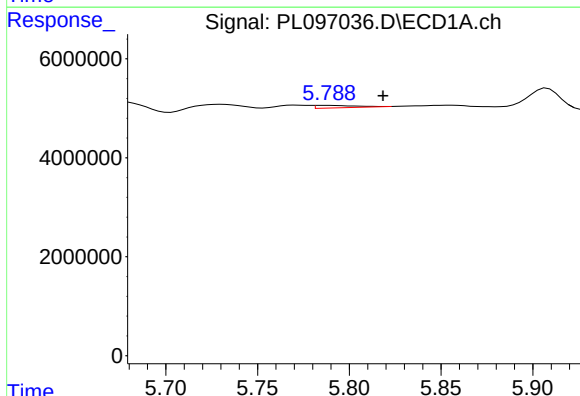
R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 4113549
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



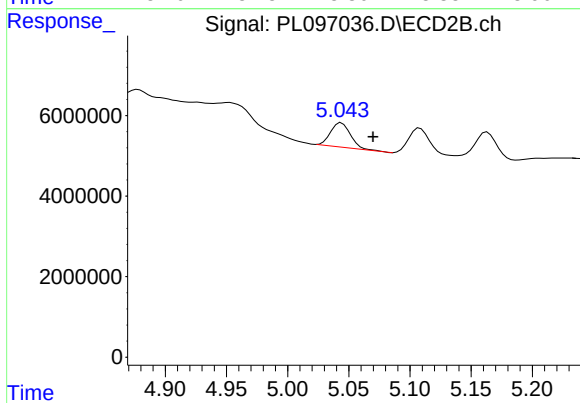
#21 Endrin ketone

R.T.: 6.900 min
Delta R.T.: -0.004 min
Response: 4081643
Conc: 0.77 ng/ml



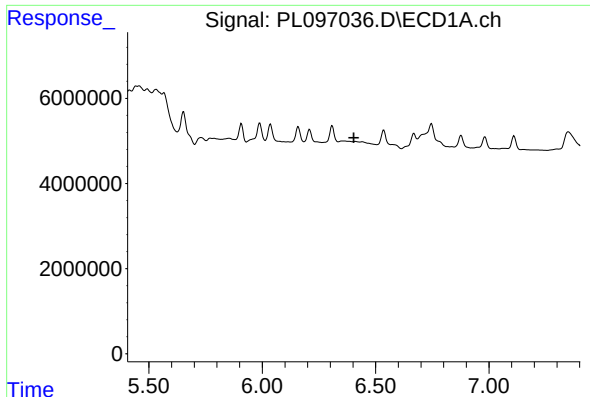
#22 Toxaphene-1

R.T.: 5.789 min
Delta R.T.: -0.030 min
Response: 794523
Conc: 77.87 ng/ml



#22 Toxaphene-1

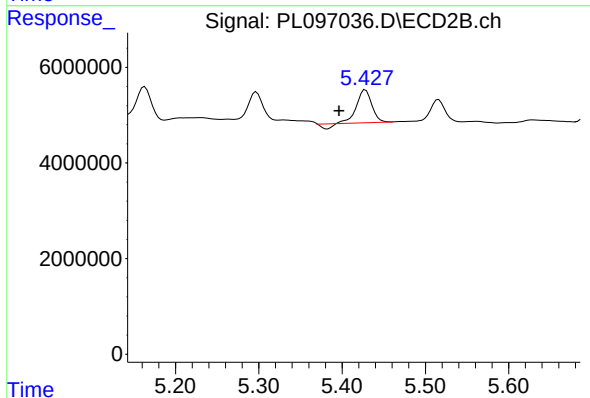
R.T.: 5.044 min
Delta R.T.: -0.026 min
Response: 6936141
Conc: 221.03 ng/ml



#23 Toxaphene-2

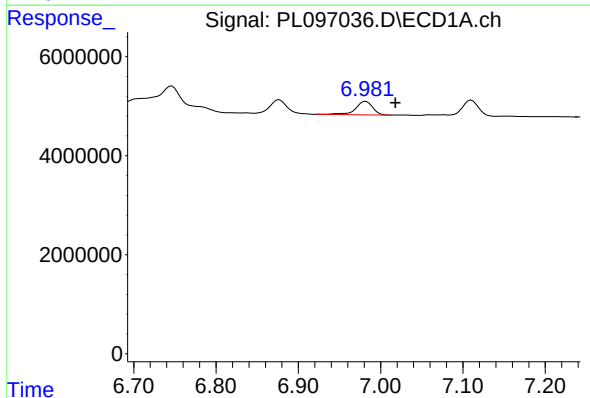
R.T.: 0.000 min
Exp R.T.: 6.404 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



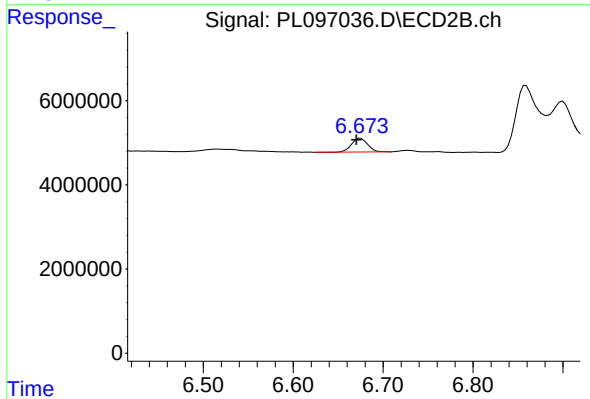
#23 Toxaphene-2

R.T.: 5.428 min
Delta R.T.: 0.032 min
Response: 8311407
Conc: 264.35 ng/ml



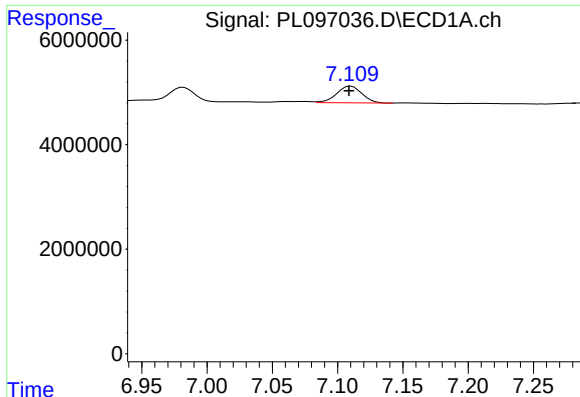
#24 Toxaphene-3

R.T.: 6.982 min
Delta R.T.: -0.036 min
Response: 3937679
Conc: 46.67 ng/ml



#24 Toxaphene-3

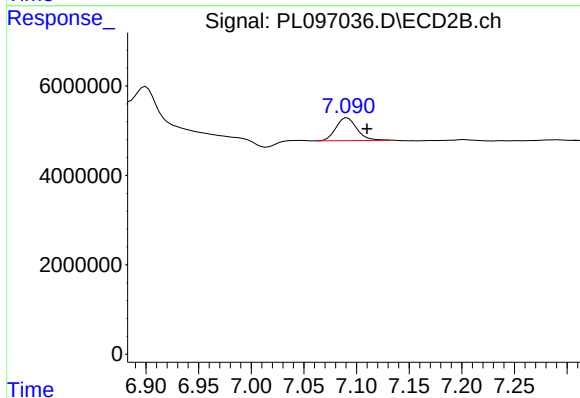
R.T.: 6.675 min
Delta R.T.: 0.005 min
Response: 4091250
Conc: 32.31 ng/ml



#25 Toxaphene-4

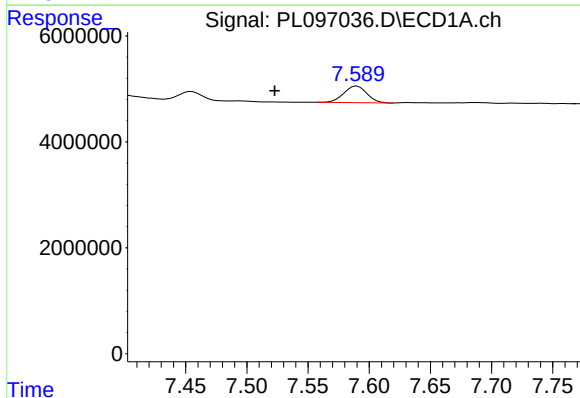
R.T.: 7.110 min
Delta R.T.: 0.002 min
Response: 4290810
Conc: 66.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



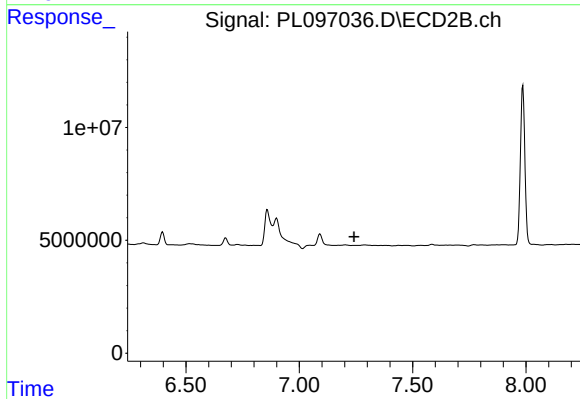
#25 Toxaphene-4

R.T.: 7.091 min
Delta R.T.: -0.019 min
Response: 7148142
Conc: 100.14 ng/ml



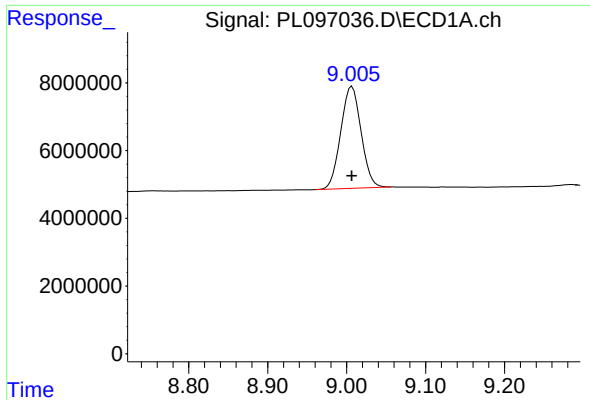
#26 Toxaphene-5

R.T.: 7.590 min
Delta R.T.: 0.067 min
Response: 4113549
Conc: 51.13 ng/ml



#26 Toxaphene-5

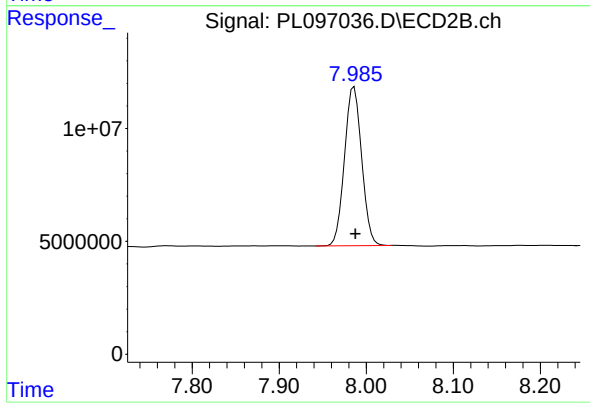
R.T.: 0.000 min
Exp R.T.: 7.241 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.007 min
Delta R.T.: 0.000 min
Response: 54065760
Conc: 24.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2025-04



#27 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.001 min
Response: 96352805
Conc: 21.72 ng/ml