

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081425\
 Data File : PL096787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2025 11:59
 Operator : AR\AJ
 Sample : Q2117-04
 Misc : PEST MDL
 ALS Vial : 8 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: Aug 19 09:05:33 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

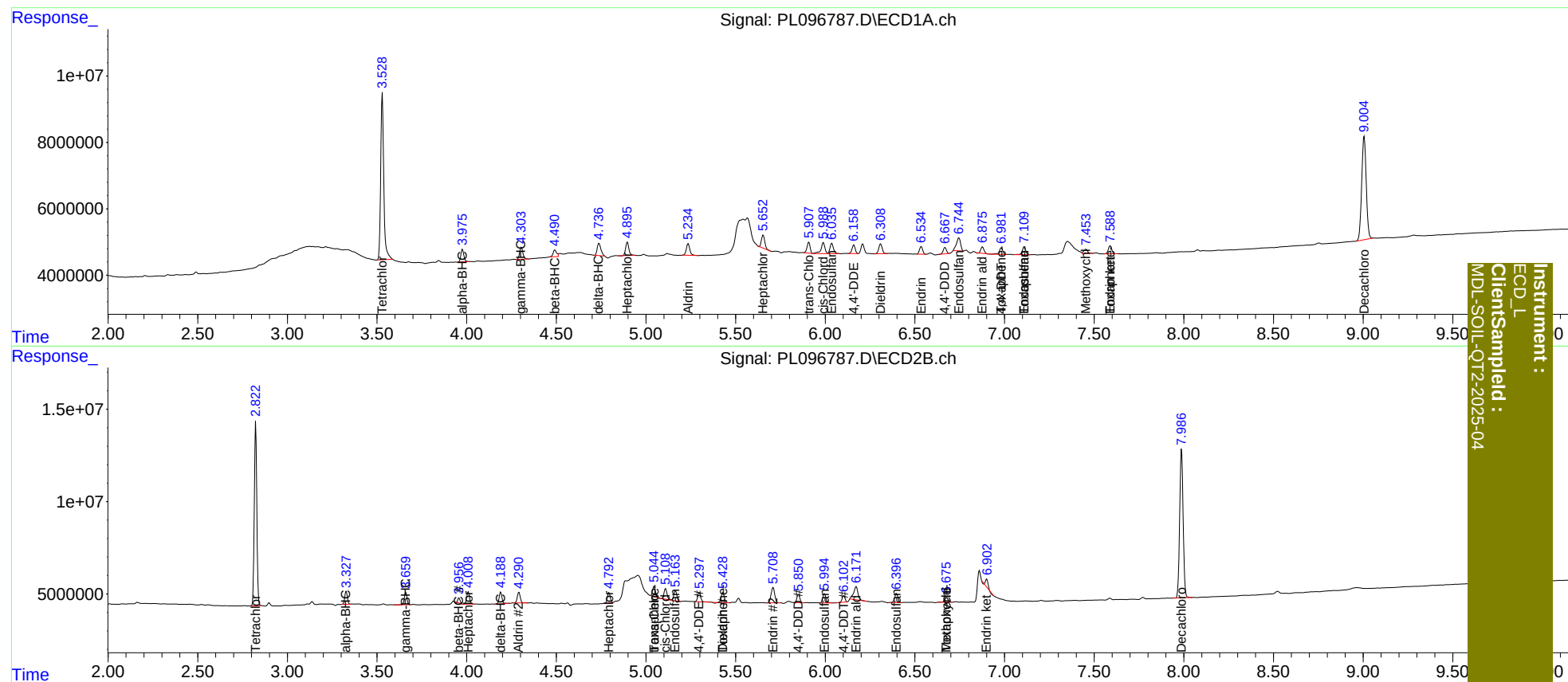
System Monitoring Compounds							
1)	SA Tetrachlo...	3.529	2.823	59926384	96078912	20.044	21.090
27)	SA Decachlor...	9.006	7.987	54705777	108.0E6	24.501	24.352
Target Compounds							
2)	A alpha-BHC	3.976	3.328	4399654	7223680	0.948	1.044
3)	MA gamma-BHC...	4.305	3.661	4623185	6704818	1.053	1.043
4)	MA Heptachlor	4.896	4.009	5048369	7395529	1.151	1.148
5)	MB Aldrin	5.235	4.291	4868255	6616619	1.151	1.114
6)	B beta-BHC	4.492	3.957	2776631	2003803	1.521	0.694 #
7)	B delta-BHC	4.738	4.190	5346328	6916663	1.359	1.097
8)	B Heptachlo...	5.654	4.794	4882296	6055541	1.317	1.094
9)	A Endosulfan I	6.037	5.164	4140524	6582407	1.202	1.265
10)	B trans-Chl...	5.908	5.045	3958684	5790619	1.081	1.032
11)	B cis-Chlor...	5.990	5.110	5069615	6825050	1.376	1.246
12)	B 4,4'-DDE	6.159	5.298	3213870	5784049	1.034	1.060
13)	MA Dieldrin	6.309	5.429	3908093	6449041	1.070	1.106
14)	MA Endrin	6.535	5.709	2896515	11585320	0.999	2.297 #
15)	B Endosulfa...	6.746	5.995	6322634	6082015	2.209	1.238 #
16)	A 4,4'-DDD	6.668	5.851	2362522	5050810	0.949	1.100
17)	MA 4,4'-DDT	6.982	6.104	2786019	4016886	1.174	0.869 #
18)	B Endrin al...	6.877	6.173	2321572	11972497	1.081	2.884 #
19)	B Endosulfa...	7.110	6.397	3329536	6196665	1.240	1.252
20)	A Methoxychlor	7.455	6.677	1948513	3310631	1.496	1.345
21)	B Endrin ke...	7.589	6.900	3175492	2899368	1.077	0.550 #
22)	Toxaphene-1	0.000	5.045	0	5790619	N.D.	184.529
23)	Toxaphene-2	0.000	5.429	0	6449041	N.D.	205.113
24)	Toxaphene-3	6.982f	6.677	2786019	3310631	33.018	26.142
25)	Toxaphene-4	7.110	0.000	3329536	0	51.502	N.D. #
26)	Toxaphene-5	7.589f	0.000	3175492	0	39.474	N.D. #

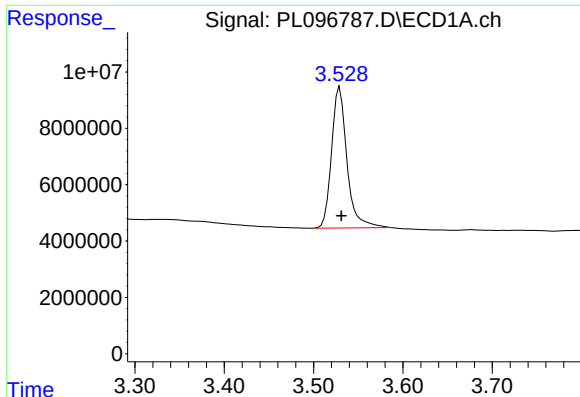
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081425\
Data File : PL096787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 11:59
Operator : AR\AJ
Sample : Q2117-04
Misc : PEST MDL
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 09:05:33 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

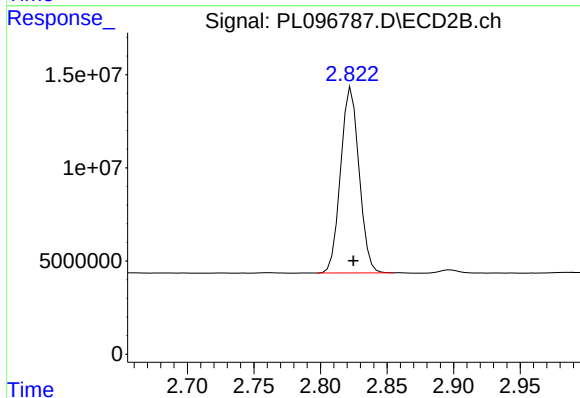




#1 Tetrachloro-m-xylene

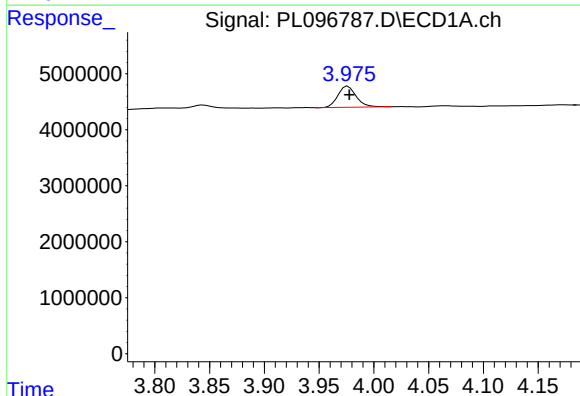
R.T.: 3.529 min
Delta R.T.: -0.002 min
Response: 59926384
Conc: 20.04 ng/ml

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



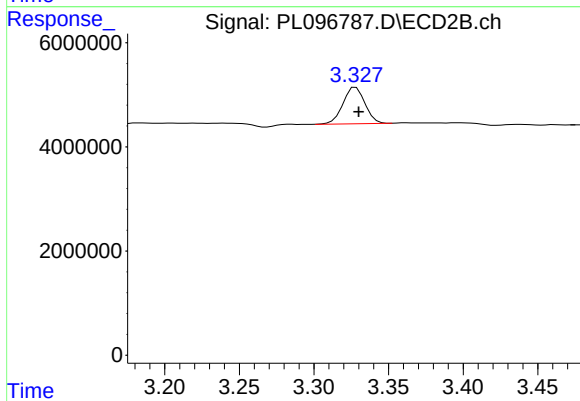
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.002 min
Response: 96078912
Conc: 21.09 ng/ml



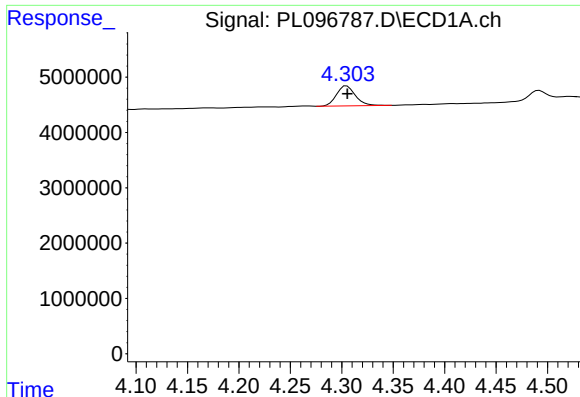
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.001 min
Response: 4399654
Conc: 0.95 ng/ml



#2 alpha-BHC

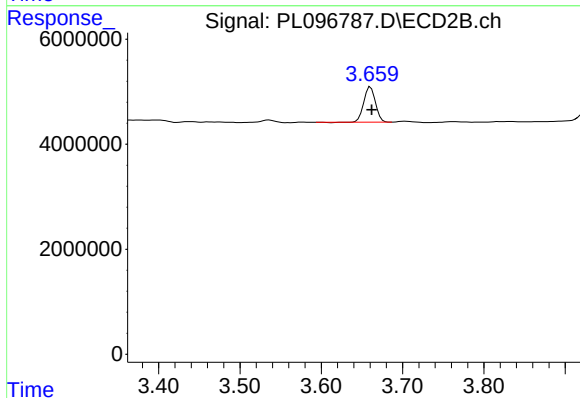
R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 7223680
Conc: 1.04 ng/ml



#3 gamma-BHC (Lindane)

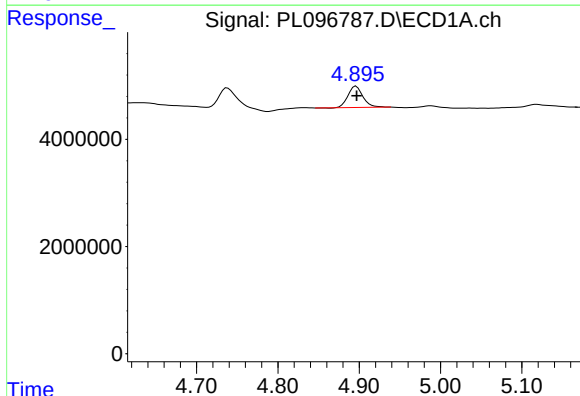
R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 4623185
Conc: 1.05 ng/ml

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



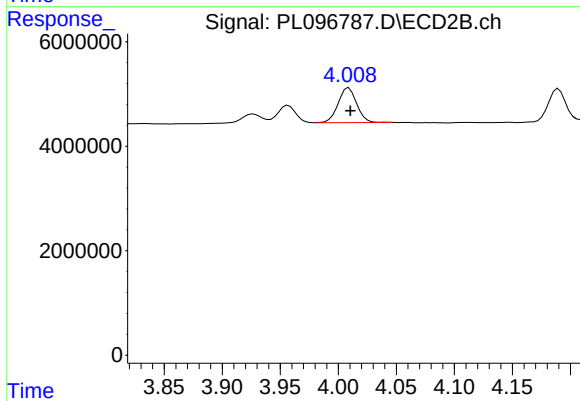
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.001 min
Response: 6704818
Conc: 1.04 ng/ml



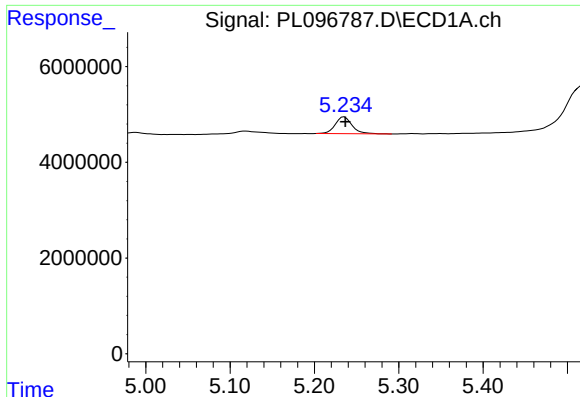
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 5048369
Conc: 1.15 ng/ml



#4 Heptachlor

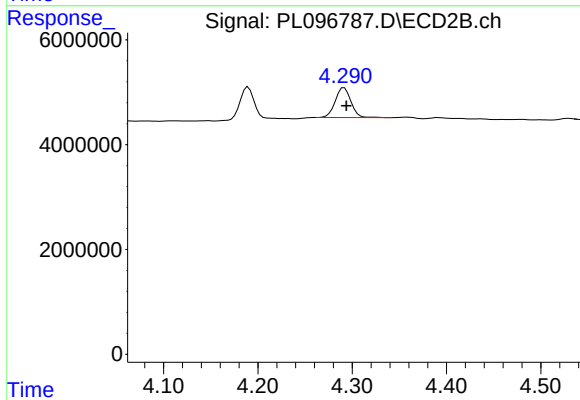
R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 7395529
Conc: 1.15 ng/ml



#5 Aldrin

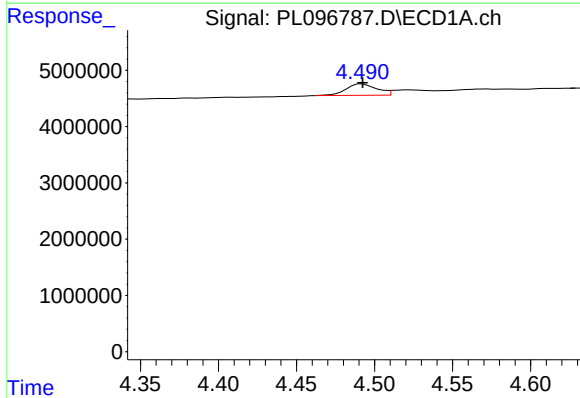
R.T.: 5.235 min
Delta R.T.: -0.001 min
Response: 4868255
Conc: 1.15 ng/ml

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



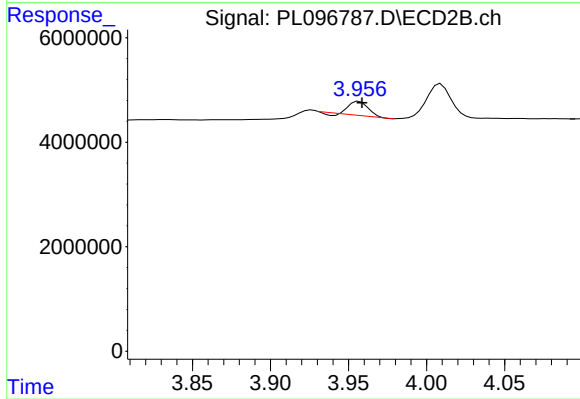
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: -0.002 min
Response: 6616619
Conc: 1.11 ng/ml



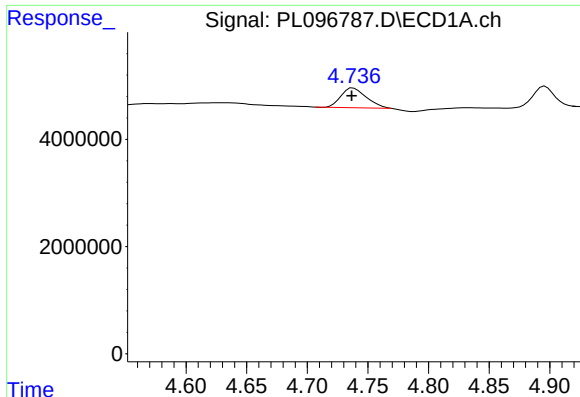
#6 beta-BHC

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 2776631
Conc: 1.52 ng/ml



#6 beta-BHC

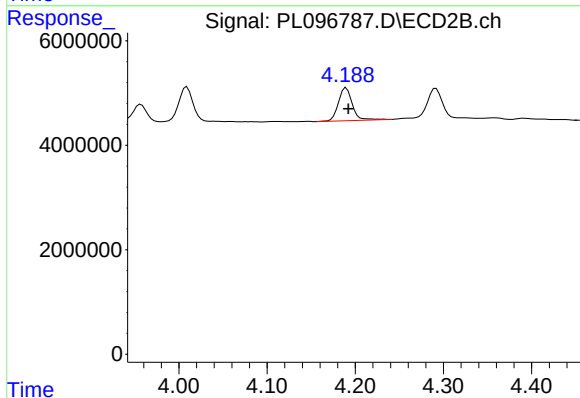
R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 2003803
Conc: 0.69 ng/ml



#7 delta-BHC

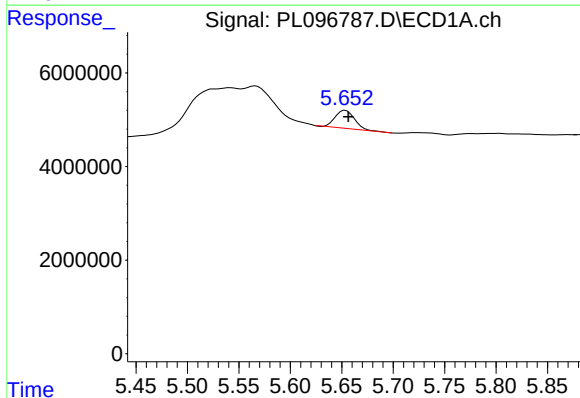
R.T.: 4.738 min
Delta R.T.: 0.001 min
Response: 5346328
Conc: 1.36 ng/ml

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



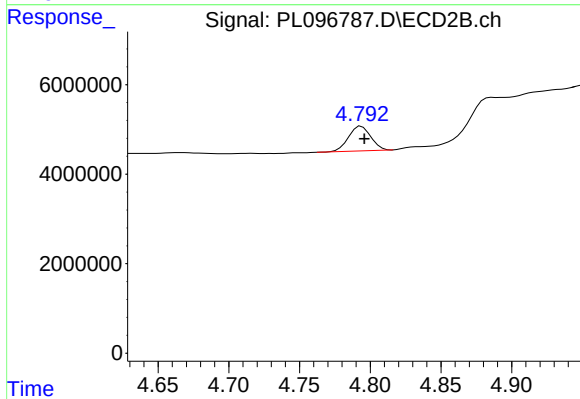
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: -0.002 min
Response: 6916663
Conc: 1.10 ng/ml



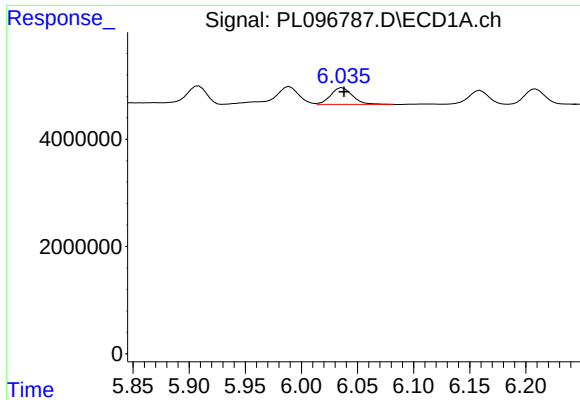
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 4882296
Conc: 1.32 ng/ml



#8 Heptachlor epoxide

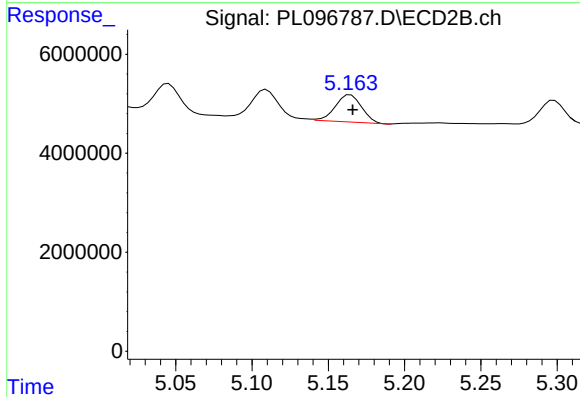
R.T.: 4.794 min
Delta R.T.: -0.002 min
Response: 6055541
Conc: 1.09 ng/ml



#9 Endosulfan I

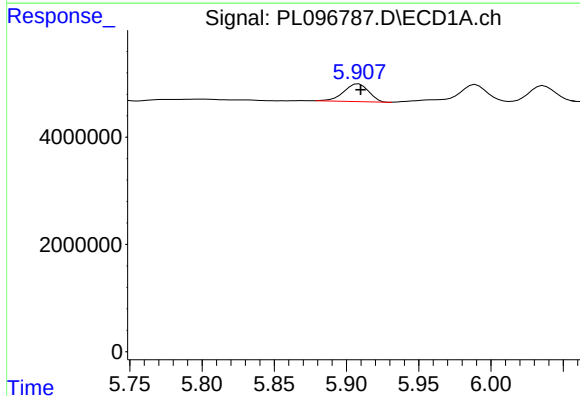
R.T.: 6.037 min
Delta R.T.: -0.001 min
Response: 4140524
Conc: 1.20 ng/ml

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



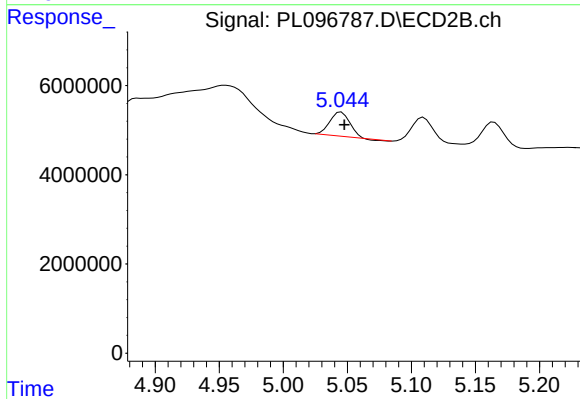
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 6582407
Conc: 1.26 ng/ml



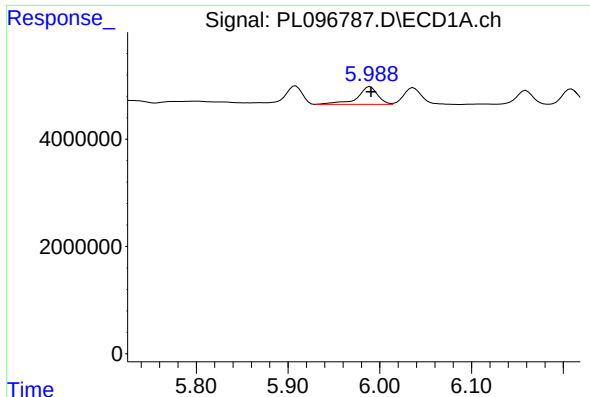
#10 trans-Chlordane

R.T.: 5.908 min
Delta R.T.: -0.001 min
Response: 3958684
Conc: 1.08 ng/ml



#10 trans-Chlordane

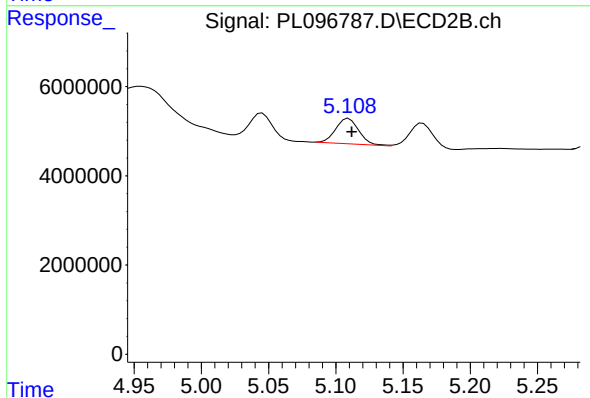
R.T.: 5.045 min
Delta R.T.: -0.002 min
Response: 5790619
Conc: 1.03 ng/ml



#11 cis-Chlordane

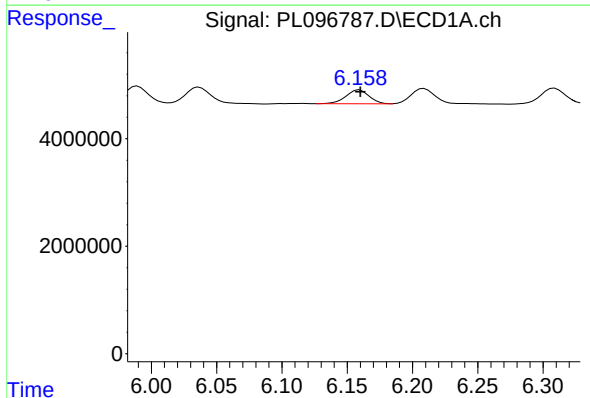
R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 5069615
Conc: 1.38 ng/ml

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



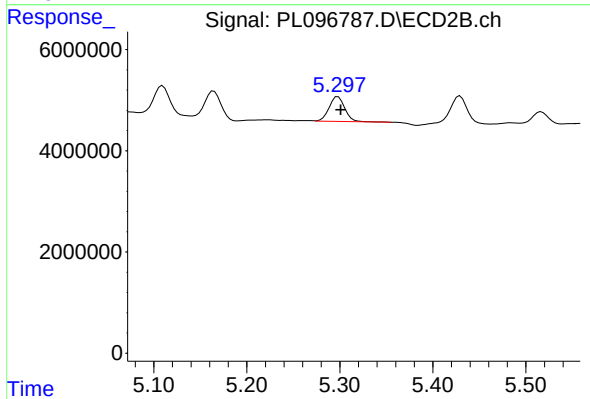
#11 cis-Chlordane

R.T.: 5.110 min
Delta R.T.: -0.002 min
Response: 6825050
Conc: 1.25 ng/ml



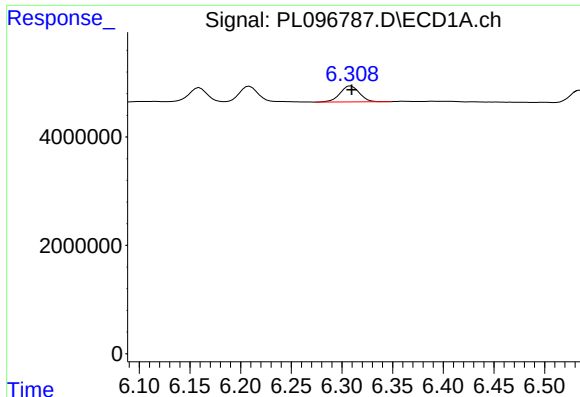
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 3213870
Conc: 1.03 ng/ml



#12 4,4'-DDE

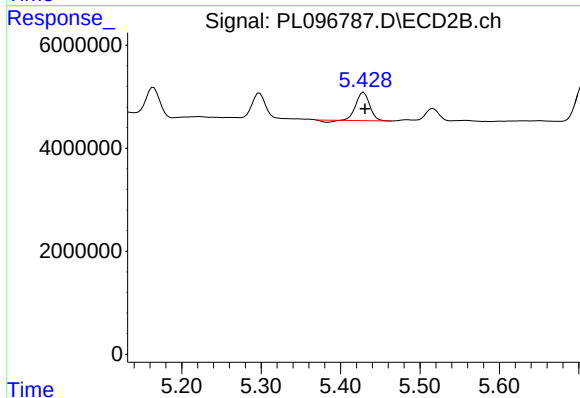
R.T.: 5.298 min
Delta R.T.: -0.003 min
Response: 5784049
Conc: 1.06 ng/ml



#13 Dieldrin

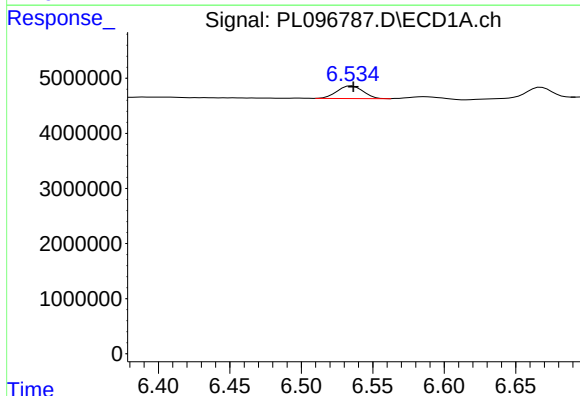
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 3908093
Conc: 1.07 ng/ml

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



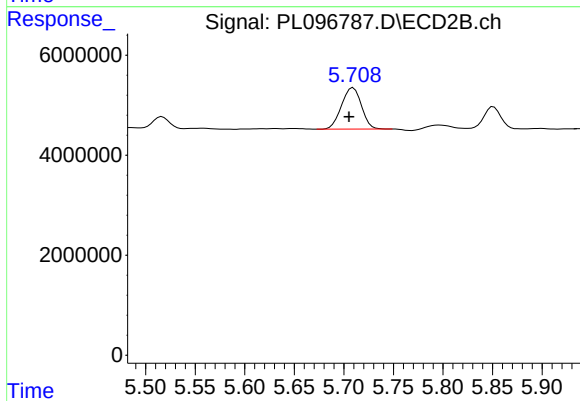
#13 Dieldrin

R.T.: 5.429 min
Delta R.T.: -0.001 min
Response: 6449041
Conc: 1.11 ng/ml



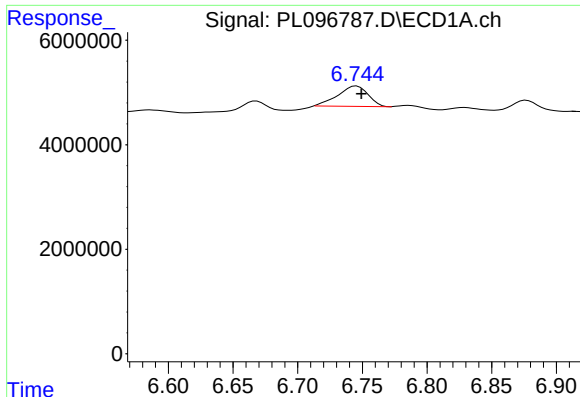
#14 Endrin

R.T.: 6.535 min
Delta R.T.: -0.001 min
Response: 2896515
Conc: 1.00 ng/ml



#14 Endrin

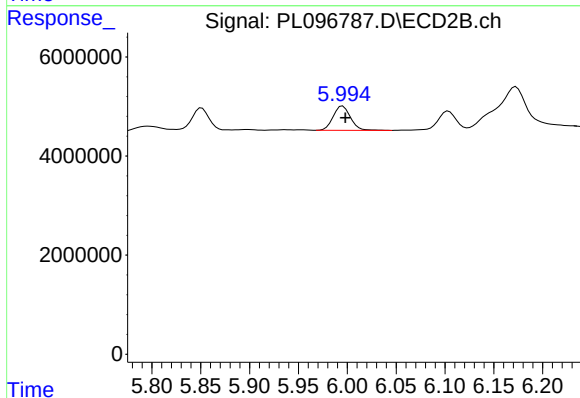
R.T.: 5.709 min
Delta R.T.: 0.004 min
Response: 11585320
Conc: 2.30 ng/ml



#15 Endosulfan II

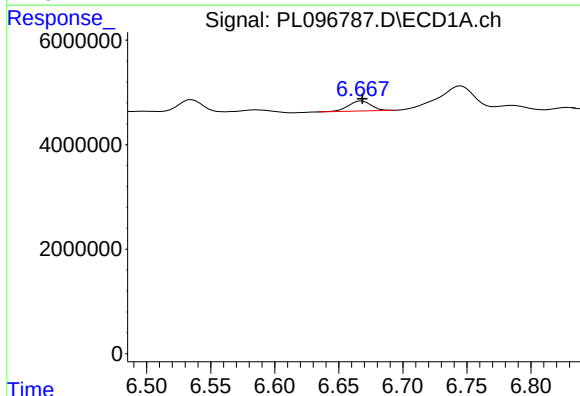
R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 6322634
Conc: 2.21 ng/ml

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



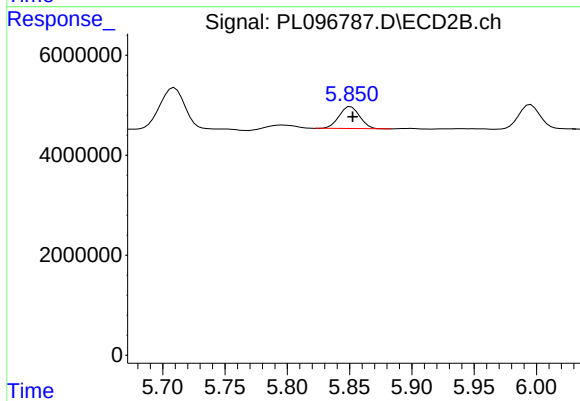
#15 Endosulfan II

R.T.: 5.995 min
Delta R.T.: -0.003 min
Response: 6082015
Conc: 1.24 ng/ml



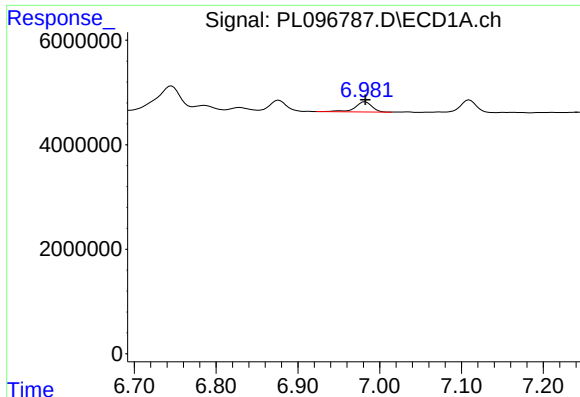
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 2362522
Conc: 0.95 ng/ml



#16 4,4'-DDD

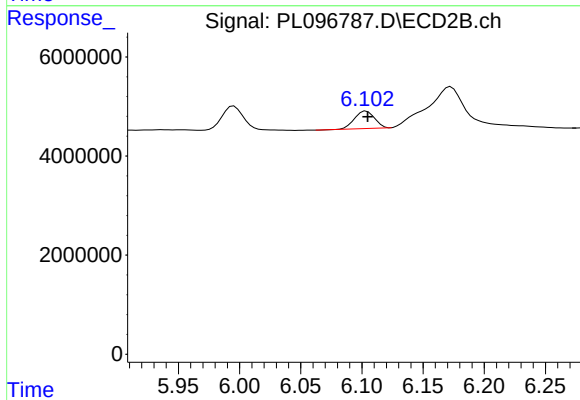
R.T.: 5.851 min
Delta R.T.: -0.001 min
Response: 5050810
Conc: 1.10 ng/ml



#17 4,4'-DDT

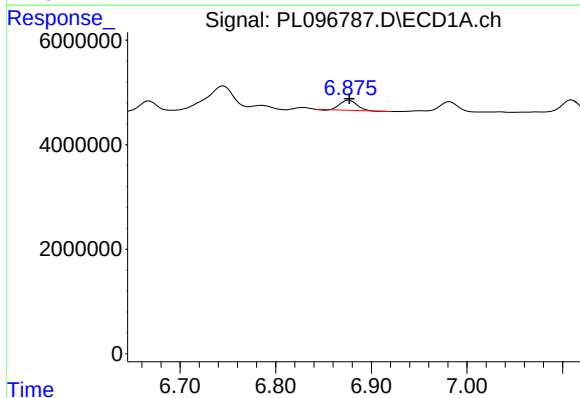
R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 2786019
Conc: 1.17 ng/ml

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



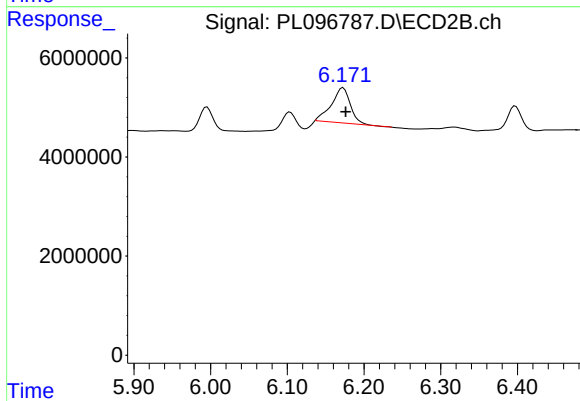
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 4016886
Conc: 0.87 ng/ml



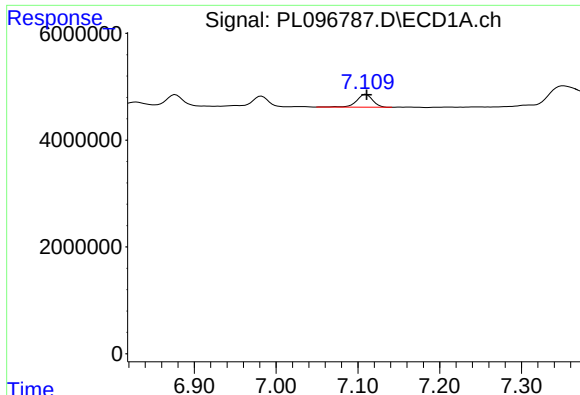
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 2321572
Conc: 1.08 ng/ml



#18 Endrin aldehyde

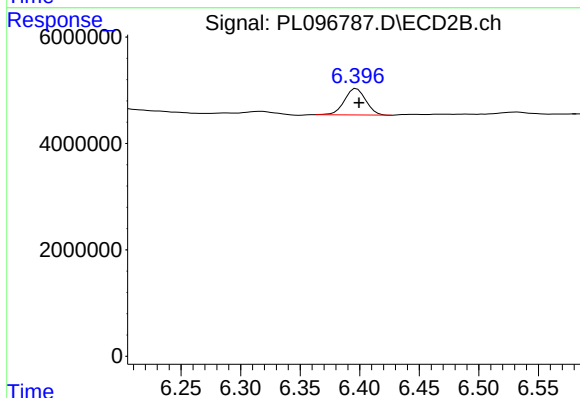
R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 11972497
Conc: 2.88 ng/ml



#19 Endosulfan Sulfate

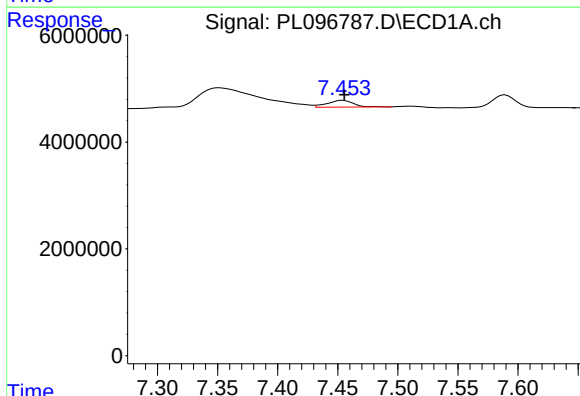
R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 3329536
Conc: 1.24 ng/ml

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



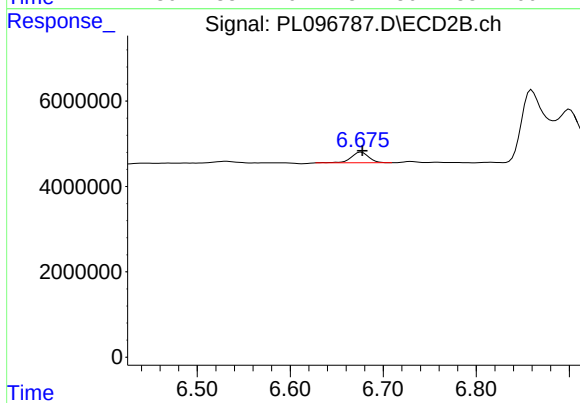
#19 Endosulfan Sulfate

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 6196665
Conc: 1.25 ng/ml



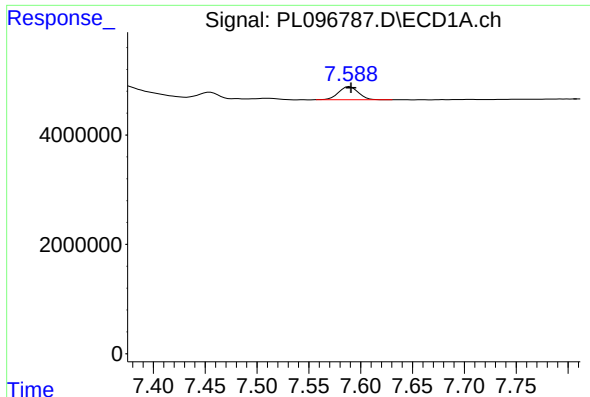
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 1948513
Conc: 1.50 ng/ml



#20 Methoxychlor

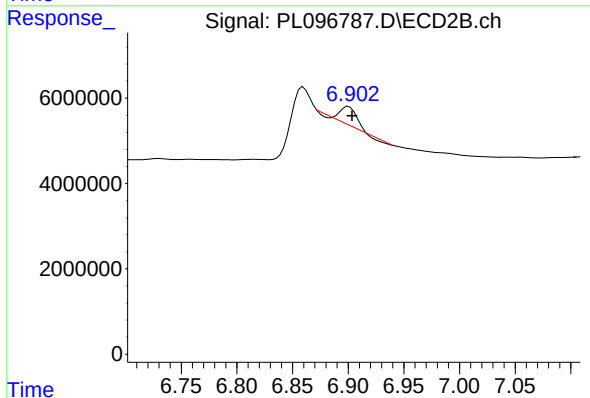
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 3310631
Conc: 1.35 ng/ml



#21 Endrin ketone

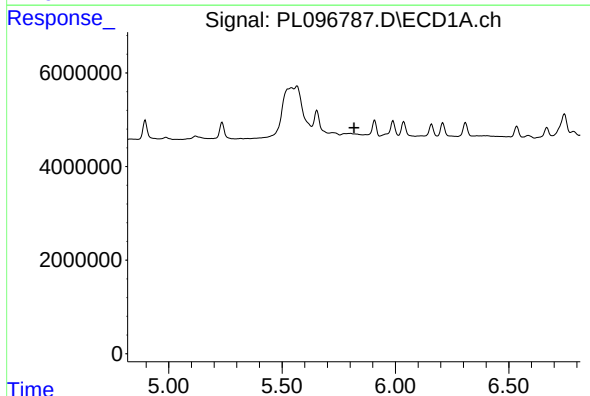
R.T.: 7.589 min
Delta R.T.: -0.001 min
Response: 3175492
Conc: 1.08 ng/ml

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



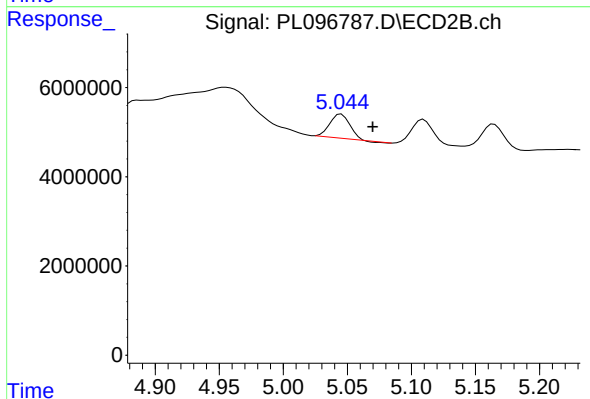
#21 Endrin ketone

R.T.: 6.900 min
Delta R.T.: -0.003 min
Response: 2899368
Conc: 0.55 ng/ml



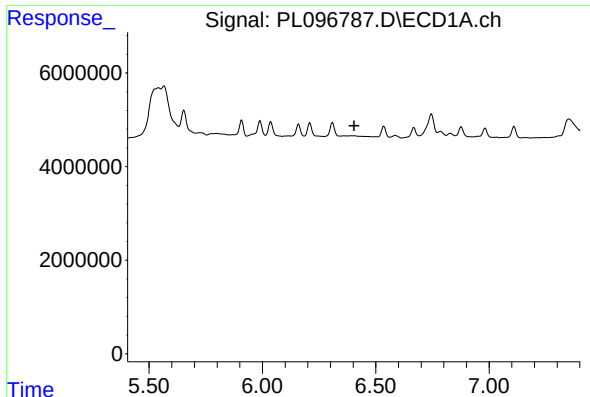
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.818 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

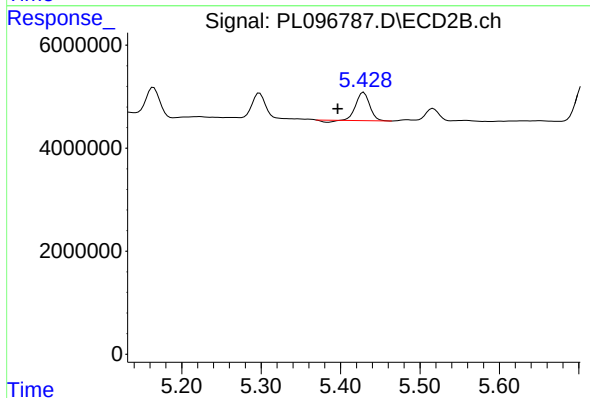
R.T.: 5.045 min
Delta R.T.: -0.025 min
Response: 5790619
Conc: 184.53 ng/ml



#23 Toxaphene-2

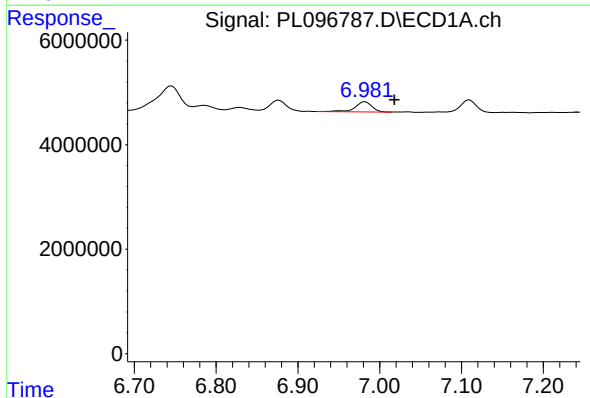
R.T.: 0.000 min
Exp R.T.: 6.404 min
Response: 0
Conc: N.D.

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



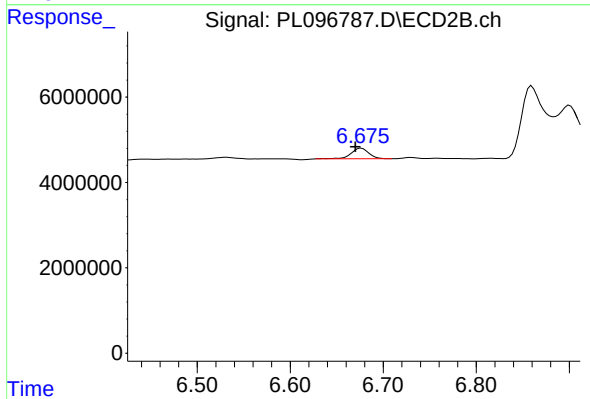
#23 Toxaphene-2

R.T.: 5.429 min
Delta R.T.: 0.033 min
Response: 6449041
Conc: 205.11 ng/ml



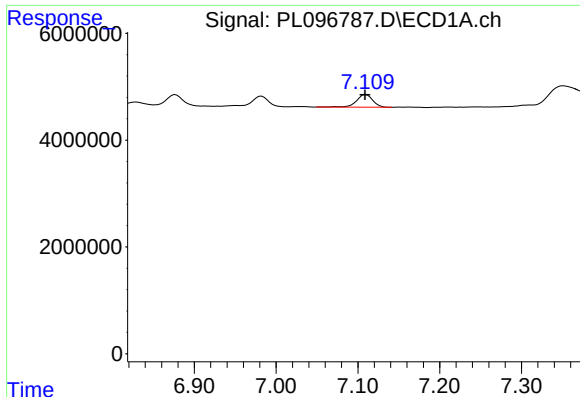
#24 Toxaphene-3

R.T.: 6.982 min
Delta R.T.: -0.036 min
Response: 2786019
Conc: 33.02 ng/ml



#24 Toxaphene-3

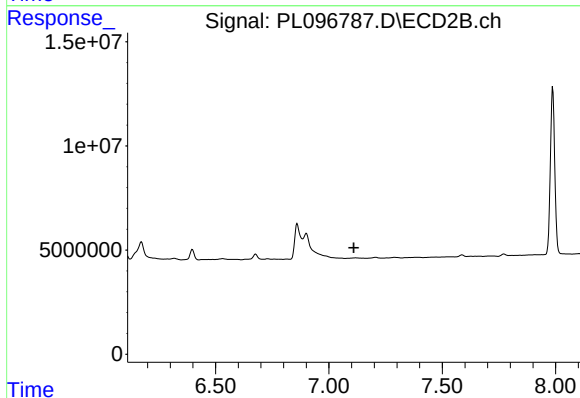
R.T.: 6.677 min
Delta R.T.: 0.006 min
Response: 3310631
Conc: 26.14 ng/ml



#25 Toxaphene-4

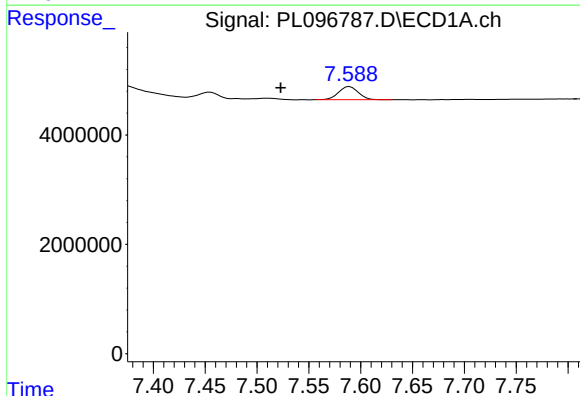
R.T.: 7.110 min
Delta R.T.: 0.001 min
Response: 3329536
Conc: 51.50 ng/ml

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



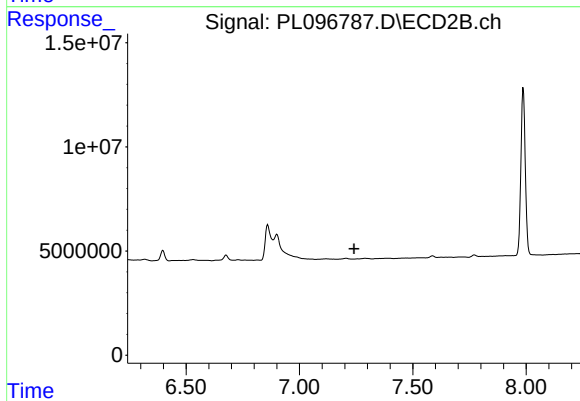
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 7.110 min
Response: 0
Conc: N.D.



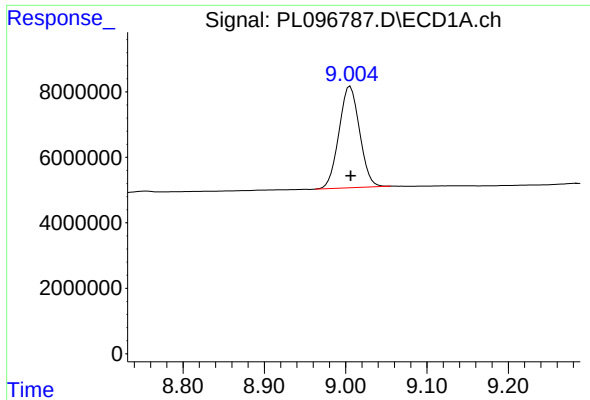
#26 Toxaphene-5

R.T.: 7.589 min
Delta R.T.: 0.067 min
Response: 3175492
Conc: 39.47 ng/ml



#26 Toxaphene-5

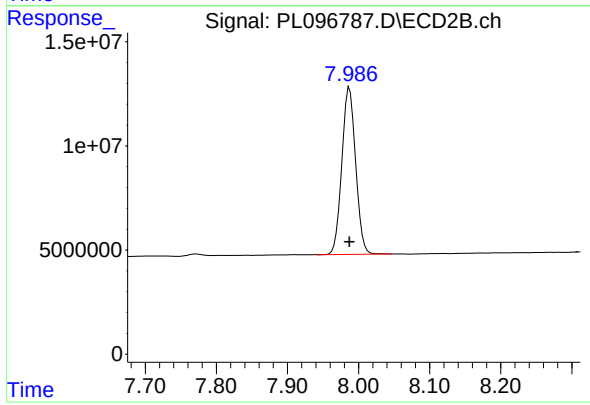
R.T.: 0.000 min
Exp R.T. : 7.241 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.006 min
Delta R.T.: 0.000 min
Response: 54705777
Conc: 24.50 ng/ml

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



#27 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: 0.000 min
Response: 108039750
Conc: 24.35 ng/ml