

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081325\
 Data File : PL096773.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2025 13:07
 Operator : AR\AJ
 Sample : Q2117-03
 Misc : PEST MDL
 ALS Vial : 8 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 14 06:15:14 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

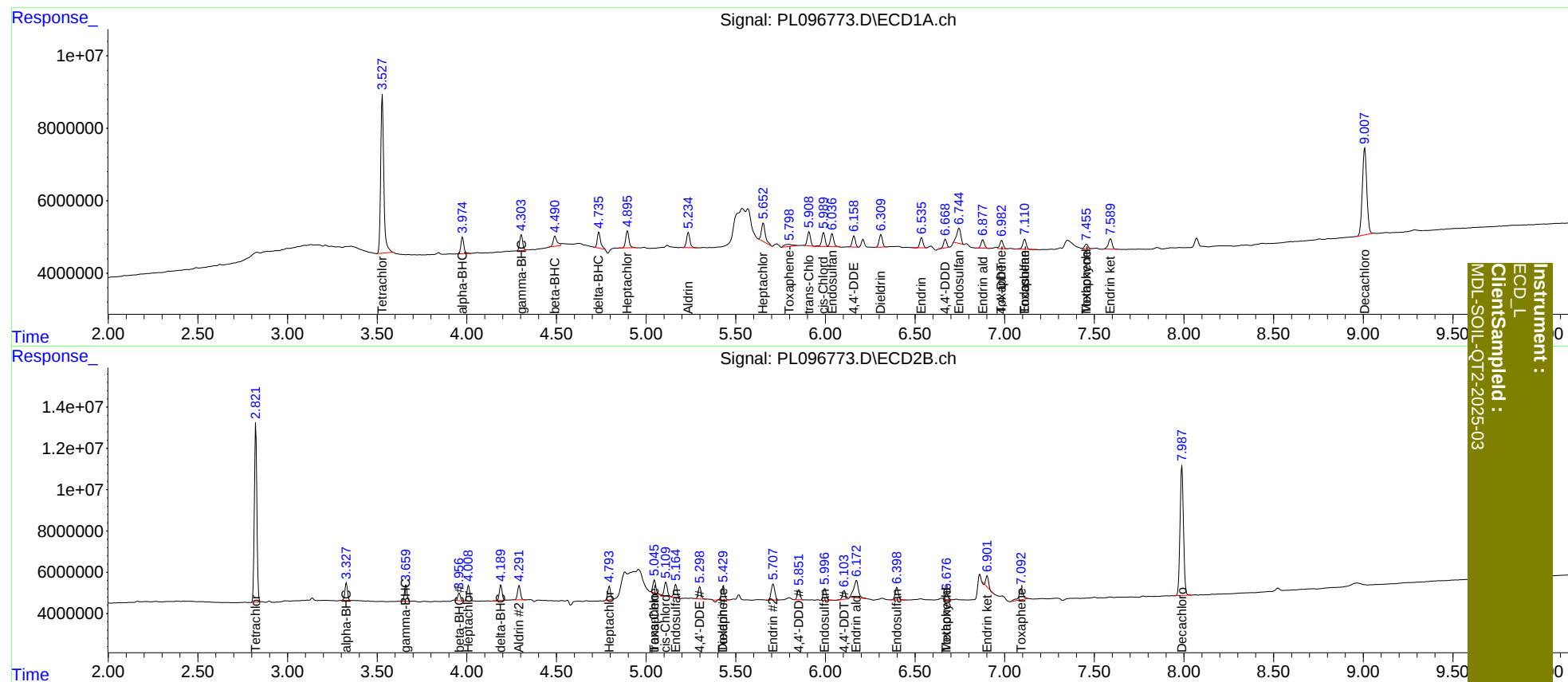
System Monitoring Compounds							
1)	SA Tetrachlo...	3.529	2.823	52889474	84208772	17.690	18.485
2)	SA Decachlor...	9.008	7.988	41349139	84288398	18.519	18.998
Target Compounds							
2)	A alpha-BHC	3.976	3.328	5346585	8616182	1.152	1.245
3)	MA gamma-BHC...	4.304	3.660	5146745	7978497	1.173	1.241
4)	MA Heptachlor	4.896	4.009	5948271	8266460	1.356	1.284
5)	MB Aldrin	5.236	4.292	5460466	7822907	1.290	1.317
6)	B beta-BHC	4.492	3.958	4106575	3510375	2.249	1.215 #
7)	B delta-BHC	4.737	4.190	5564995	7844590	1.414	1.245
8)	B Heptachlo...	5.654	4.795	7453815	7369372	2.010	1.331 #
9)	A Endosulfan I	6.038	5.165	4698244	7860964	1.364	1.511
10)	B trans-Chl...	5.909	5.046	4799533	6986045	1.311	1.245
11)	B cis-Chlor...	5.990	5.111	5034338	8004258	1.367	1.461
12)	B 4,4'-DDE	6.160	5.299	3695679	6753684	1.189	1.238
13)	MA Dieldrin	6.310	5.430	4429821	7455620	1.213	1.279
14)	MA Endrin	6.536	5.709	3318169	10713628	1.144	2.124 #
15)	B Endosulfa...	6.746	5.997	6704438	7007844	2.342	1.426 #
16)	A 4,4'-DDD	6.669	5.852	2918750	5487288	1.172	1.195
17)	MA 4,4'-DDT	6.983	6.105	3011744	4934147	1.269	1.068
18)	B Endrin al...	6.878	6.174	2935915	15549824	1.367	3.746 #
19)	B Endosulfa...	7.112	6.399	3831162	7547434	1.427	1.525
20)	A Methoxychlor	7.456	6.677	1684637	3656808	1.294	1.486
21)	B Endrin ke...	7.591	6.902	4138069	4577253	1.404	0.868 #
22)	Toxaphene-1	5.799	5.046	1904796	6986045	186.697	222.623
23)	Toxaphene-2	0.000	5.430	0	7455620	N.D.	237.128
24)	Toxaphene-3	6.983	6.677	3011744	3656808	35.694	28.876
25)	Toxaphene-4	7.112	7.093	3831162	9447852	59.261	132.357 #
26)	Toxaphene-5	7.456f	0.000	1684637	0	20.941	N.D. #

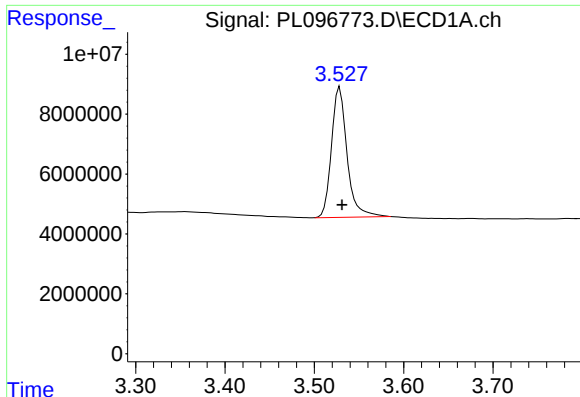
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081325\
Data File : PL096773.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 13:07
Operator : AR\AJ
Sample : Q2117-03
Misc : PEST MDL
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 06:15:14 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

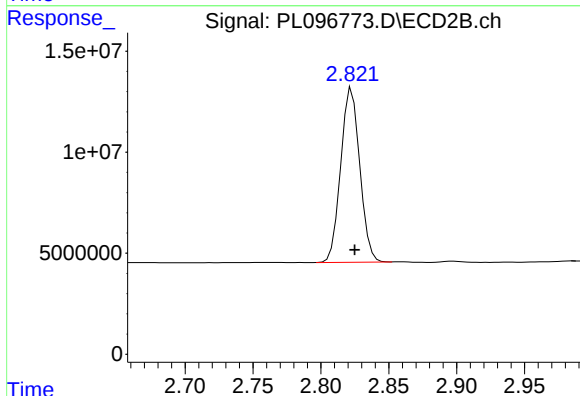




#1 Tetrachloro-m-xylene

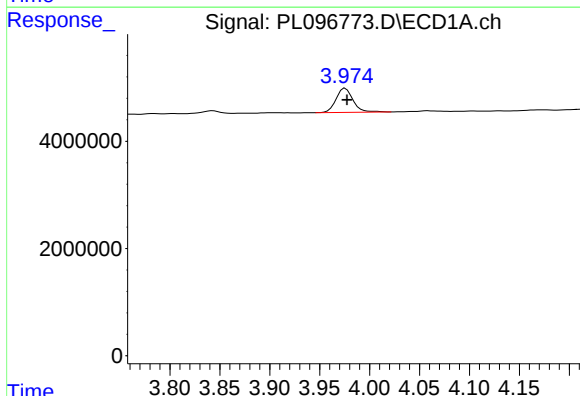
R.T.: 3.529 min
Delta R.T.: -0.002 min
Response: 52889474
Conc: 17.69 ng/ml

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



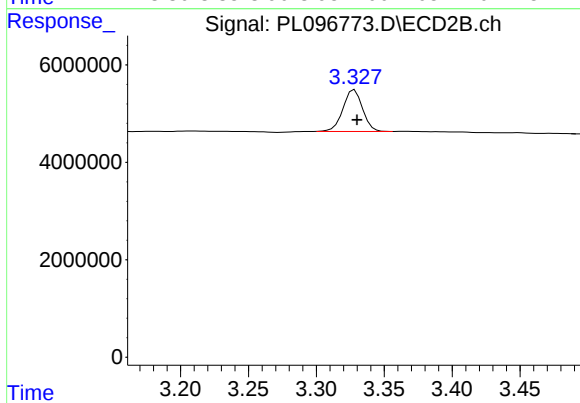
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.002 min
Response: 84208772
Conc: 18.48 ng/ml



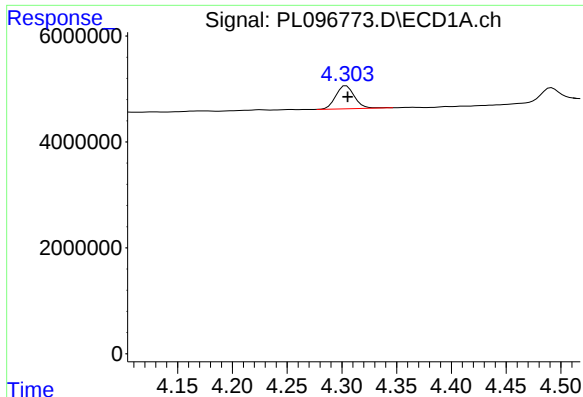
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.002 min
Response: 5346585
Conc: 1.15 ng/ml



#2 alpha-BHC

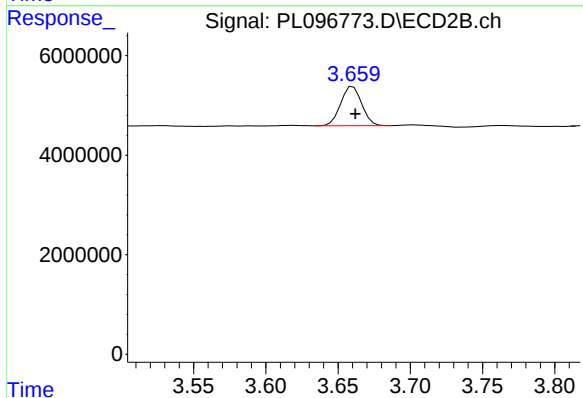
R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 8616182
Conc: 1.24 ng/ml



#3 gamma-BHC (Lindane)

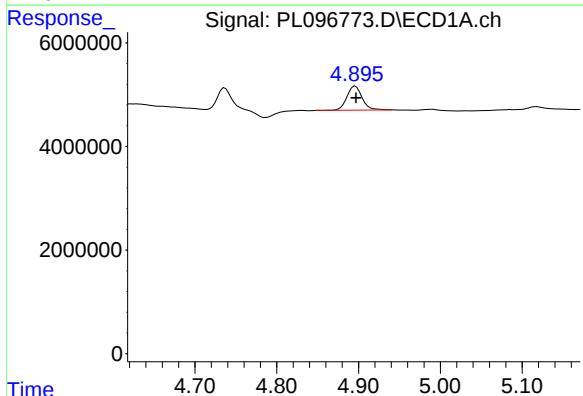
R.T.: 4.304 min
Delta R.T.: -0.001 min
Response: 5146745
Conc: 1.17 ng/ml

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



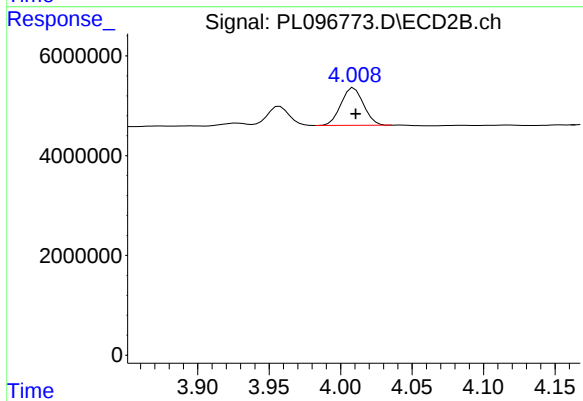
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 7978497
Conc: 1.24 ng/ml



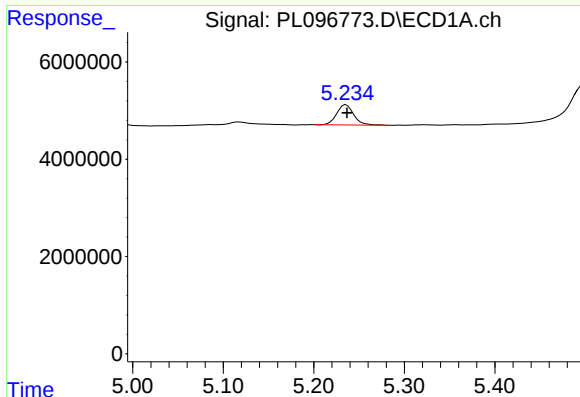
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 5948271
Conc: 1.36 ng/ml



#4 Heptachlor

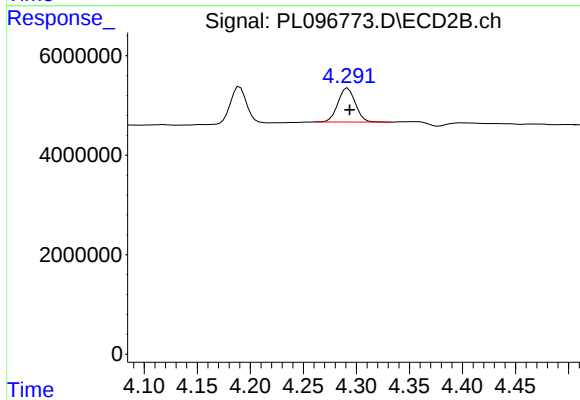
R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 8266460
Conc: 1.28 ng/ml



#5 Aldrin

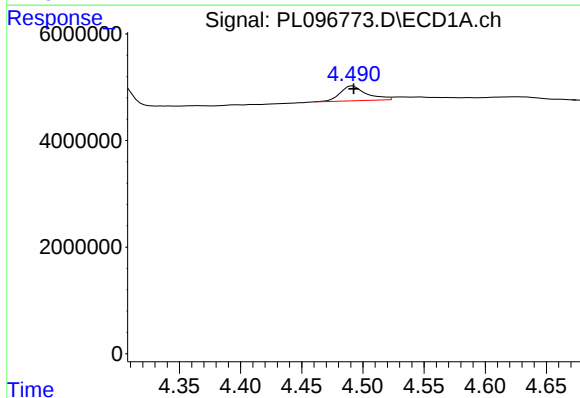
R.T.: 5.236 min
Delta R.T.: -0.001 min
Response: 5460466
Conc: 1.29 ng/ml

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



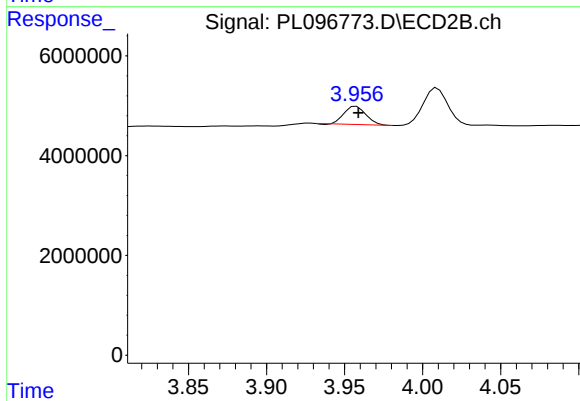
#5 Aldrin

R.T.: 4.292 min
Delta R.T.: -0.002 min
Response: 7822907
Conc: 1.32 ng/ml



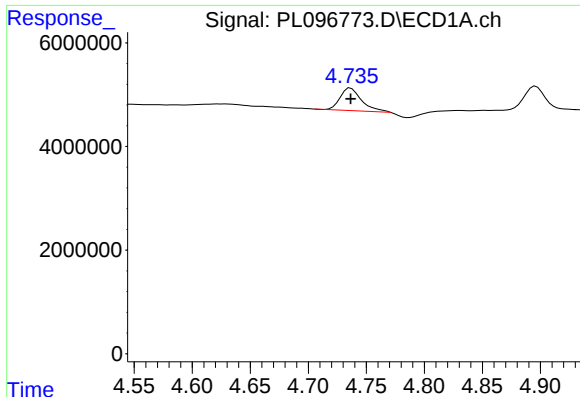
#6 beta-BHC

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 4106575
Conc: 2.25 ng/ml



#6 beta-BHC

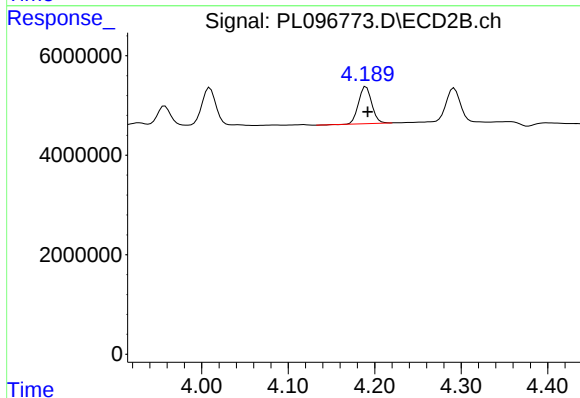
R.T.: 3.958 min
Delta R.T.: -0.001 min
Response: 3510375
Conc: 1.22 ng/ml



#7 delta-BHC

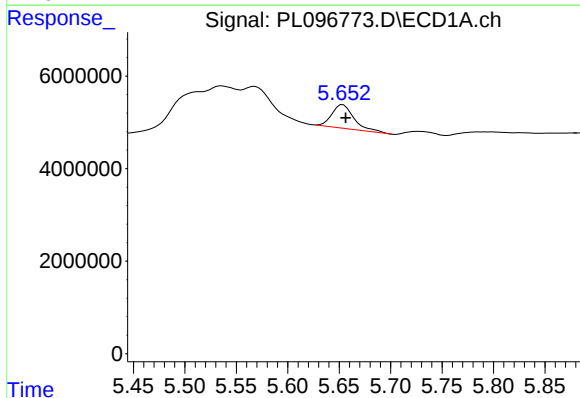
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 5564995
Conc: 1.41 ng/ml

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



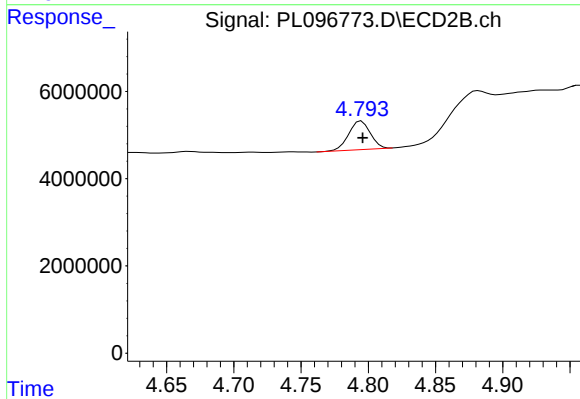
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: -0.002 min
Response: 7844590
Conc: 1.24 ng/ml



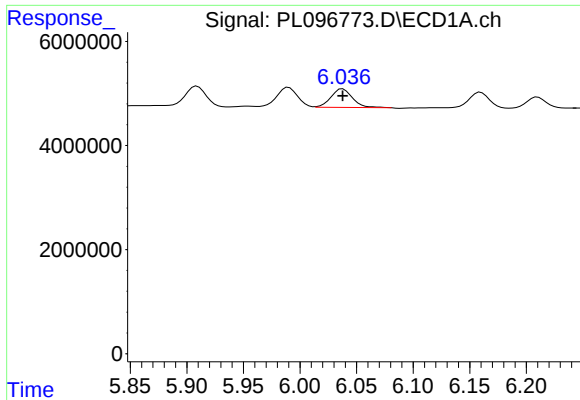
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 7453815
Conc: 2.01 ng/ml



#8 Heptachlor epoxide

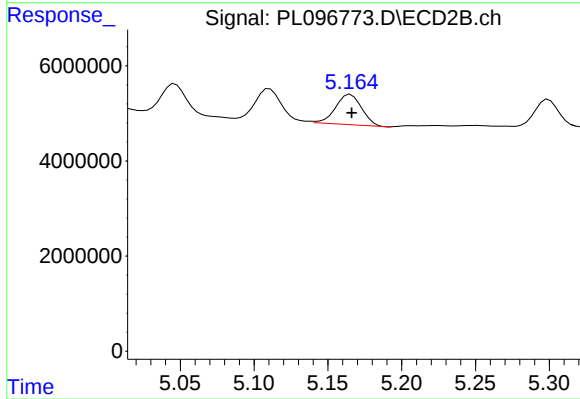
R.T.: 4.795 min
Delta R.T.: -0.001 min
Response: 7369372
Conc: 1.33 ng/ml



#9 Endosulfan I

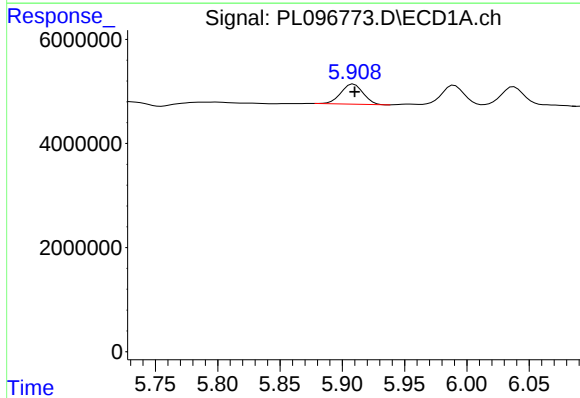
R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 4698244
Conc: 1.36 ng/ml

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



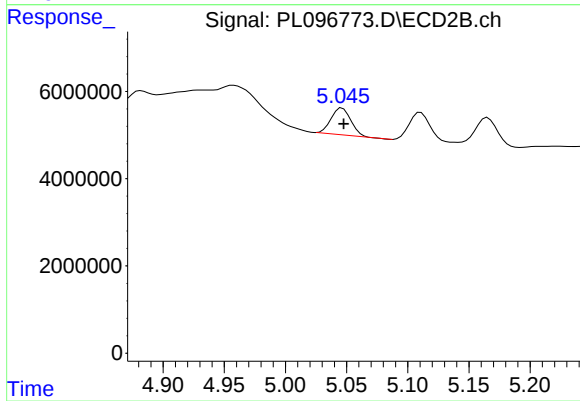
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 7860964
Conc: 1.51 ng/ml



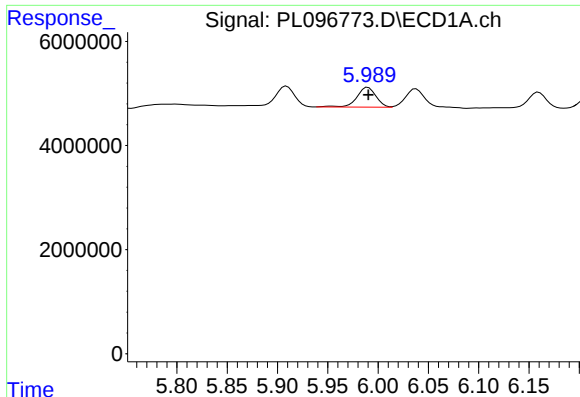
#10 trans-Chlordane

R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 4799533
Conc: 1.31 ng/ml



#10 trans-Chlordane

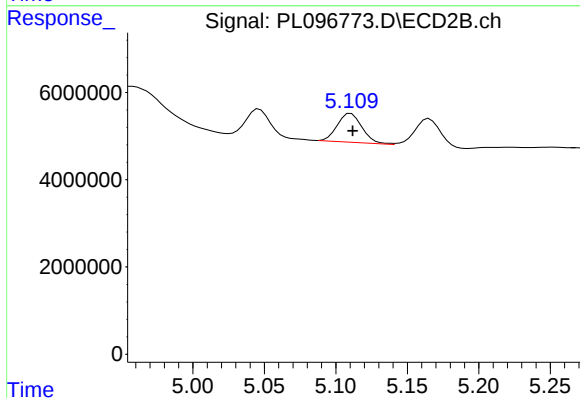
R.T.: 5.046 min
Delta R.T.: -0.001 min
Response: 6986045
Conc: 1.25 ng/ml



#11 cis-Chlordane

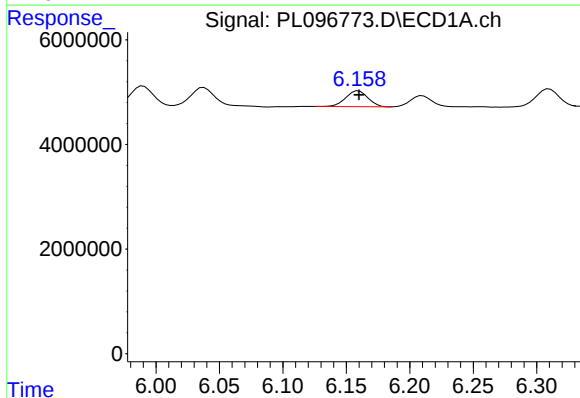
R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 5034338
Conc: 1.37 ng/ml

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



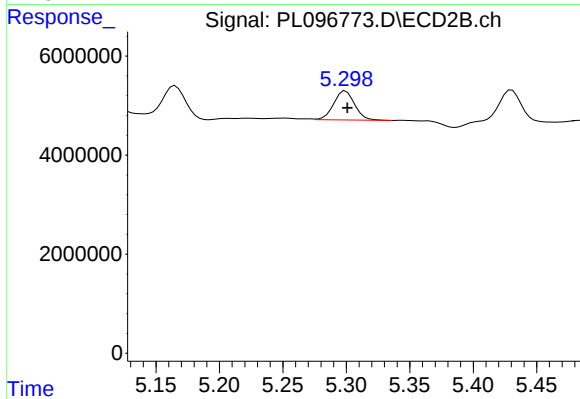
#11 cis-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.001 min
Response: 8004258
Conc: 1.46 ng/ml



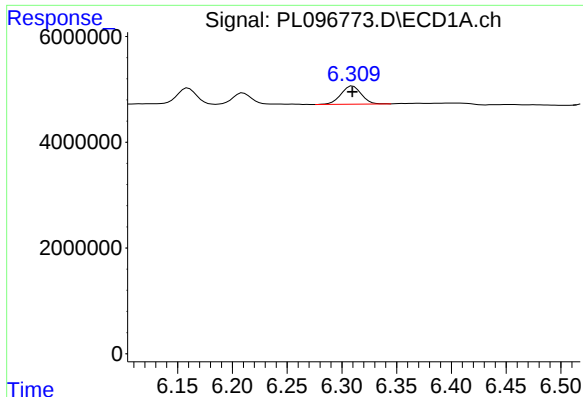
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 3695679
Conc: 1.19 ng/ml



#12 4,4'-DDE

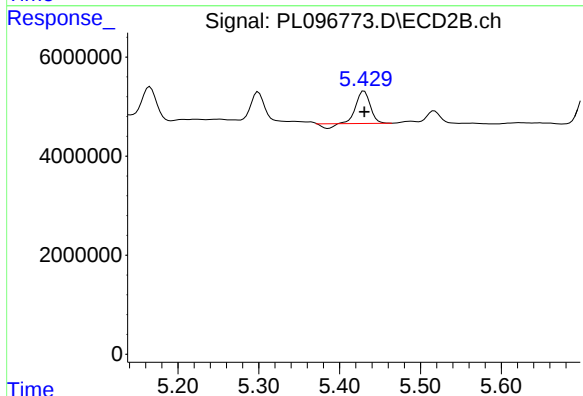
R.T.: 5.299 min
Delta R.T.: -0.001 min
Response: 6753684
Conc: 1.24 ng/ml



#13 Dieldrin

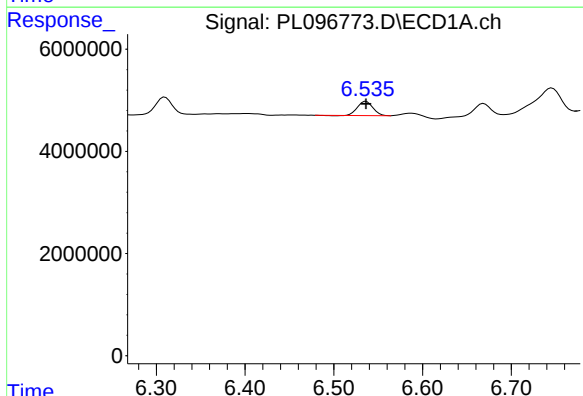
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 4429821
Conc: 1.21 ng/ml

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



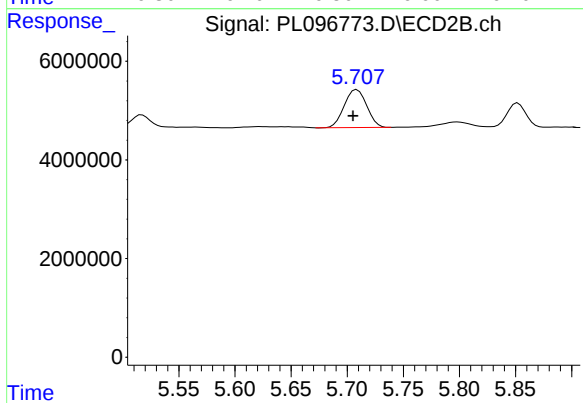
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 7455620
Conc: 1.28 ng/ml



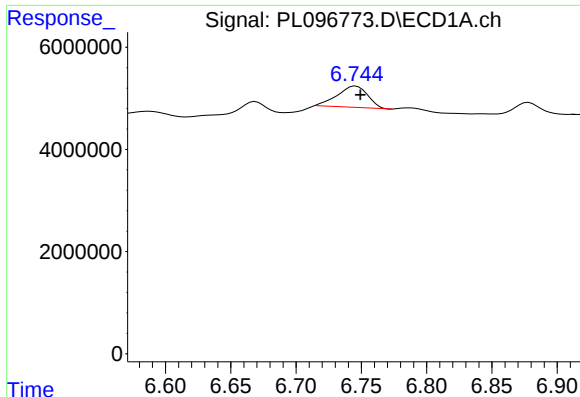
#14 Endrin

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 3318169
Conc: 1.14 ng/ml



#14 Endrin

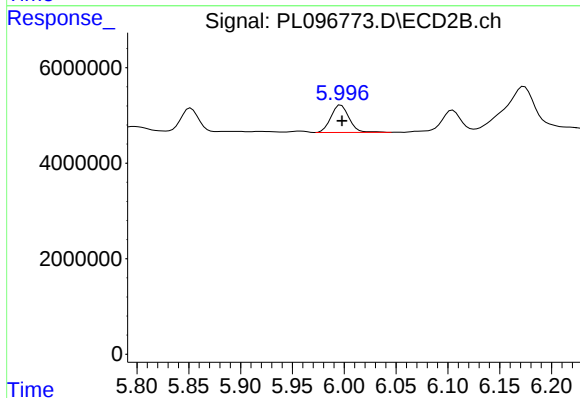
R.T.: 5.709 min
Delta R.T.: 0.004 min
Response: 10713628
Conc: 2.12 ng/ml



#15 Endosulfan II

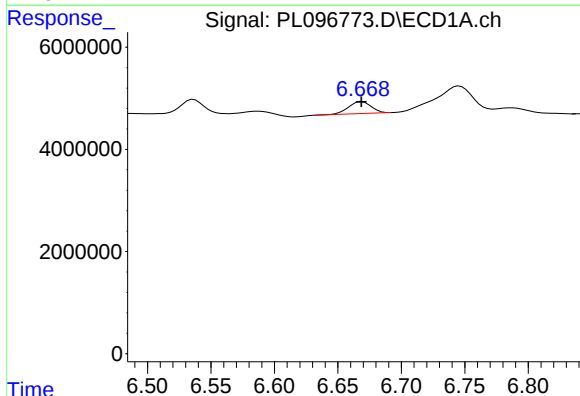
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 6704438
Conc: 2.34 ng/ml

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



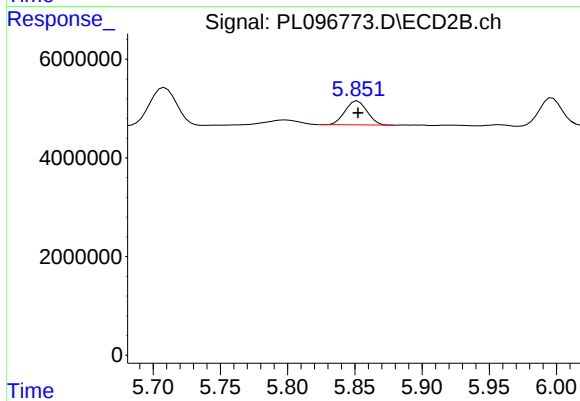
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: -0.001 min
Response: 7007844
Conc: 1.43 ng/ml



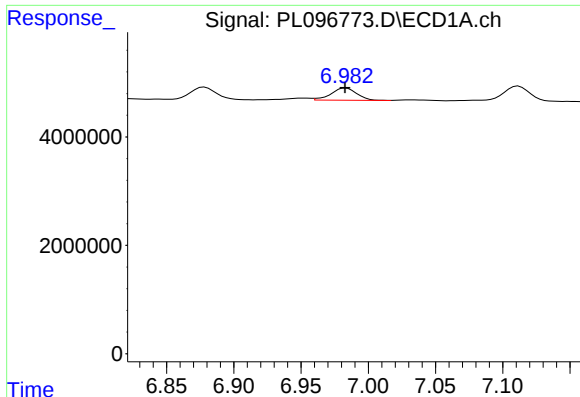
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 2918750
Conc: 1.17 ng/ml



#16 4,4'-DDD

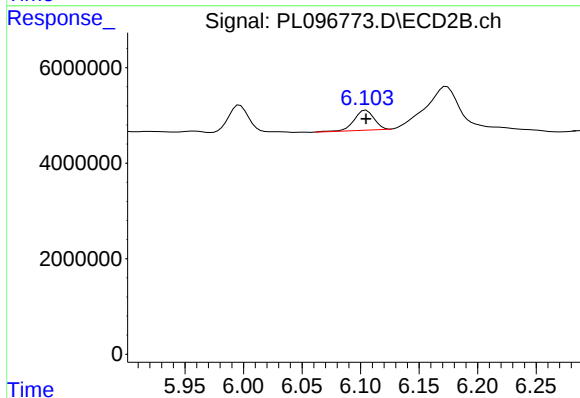
R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 5487288
Conc: 1.19 ng/ml



#17 4,4'-DDT

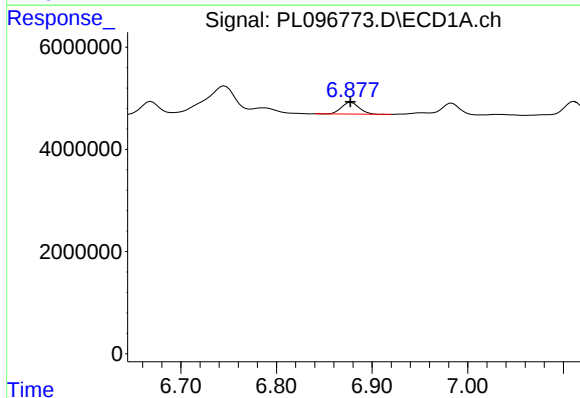
R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 3011744
Conc: 1.27 ng/ml

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



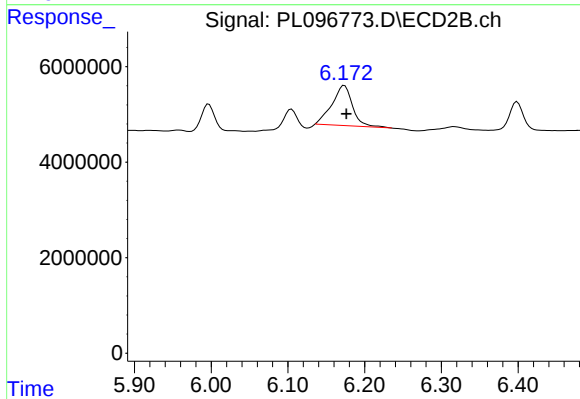
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 4934147
Conc: 1.07 ng/ml



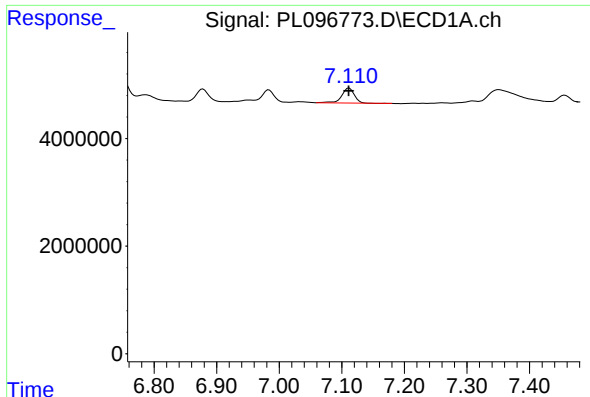
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.001 min
Response: 2935915
Conc: 1.37 ng/ml



#18 Endrin aldehyde

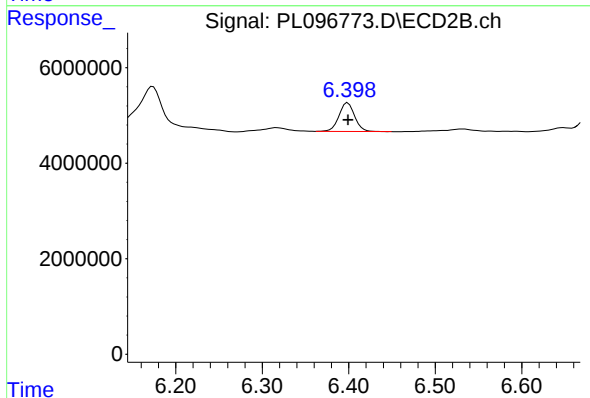
R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 15549824
Conc: 3.75 ng/ml



#19 Endosulfan Sulfate

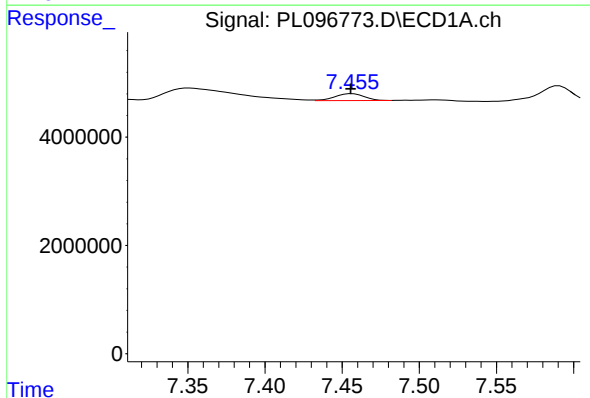
R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 3831162
Conc: 1.43 ng/ml

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



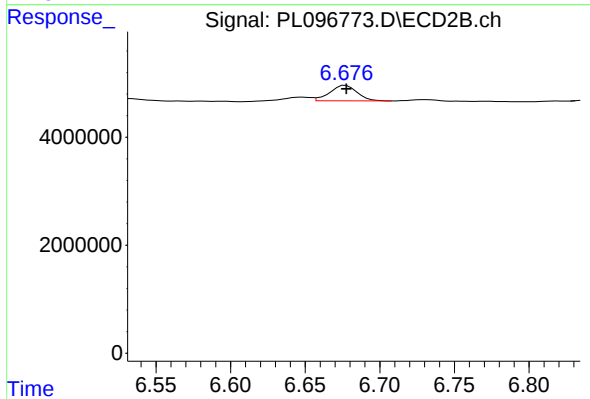
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 7547434
Conc: 1.53 ng/ml



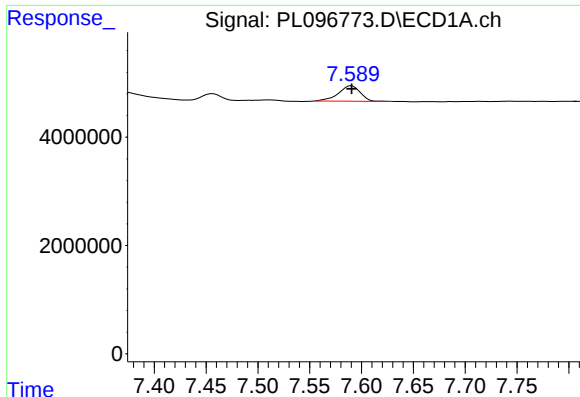
#20 Methoxychlor

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 1684637
Conc: 1.29 ng/ml



#20 Methoxychlor

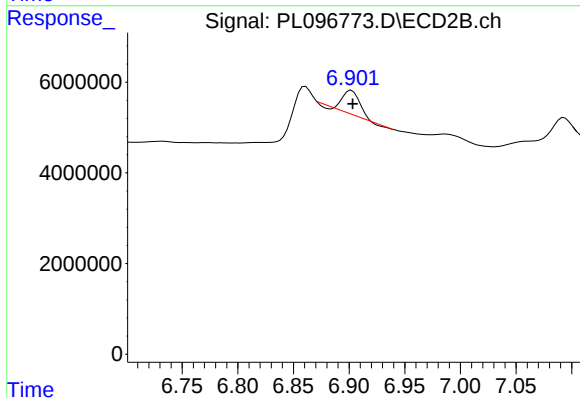
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 3656808
Conc: 1.49 ng/ml



#21 Endrin ketone

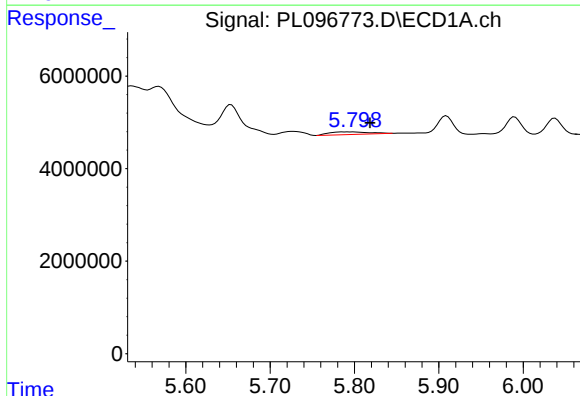
R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 4138069
Conc: 1.40 ng/ml

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



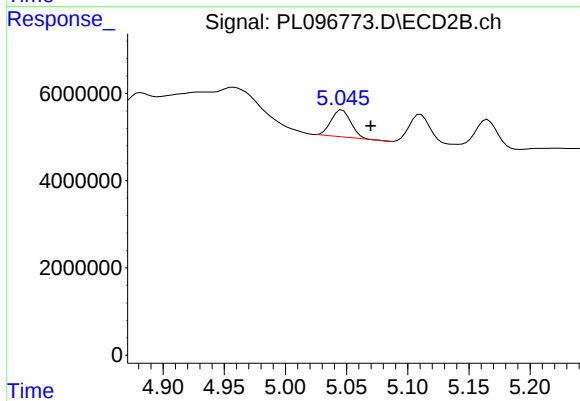
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.001 min
Response: 4577253
Conc: 0.87 ng/ml



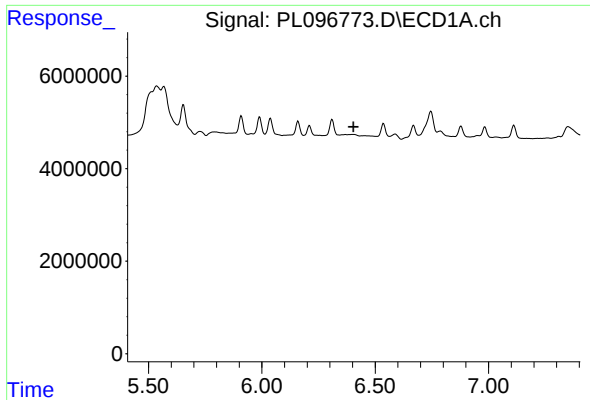
#22 Toxaphene-1

R.T.: 5.799 min
Delta R.T.: -0.019 min
Response: 1904796
Conc: 186.70 ng/ml



#22 Toxaphene-1

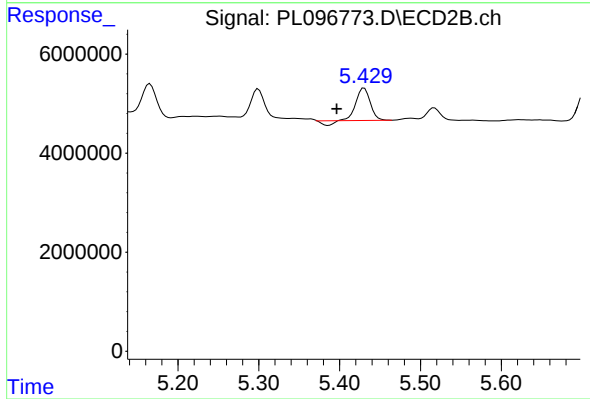
R.T.: 5.046 min
Delta R.T.: -0.023 min
Response: 6986045
Conc: 222.62 ng/ml



#23 Toxaphene-2

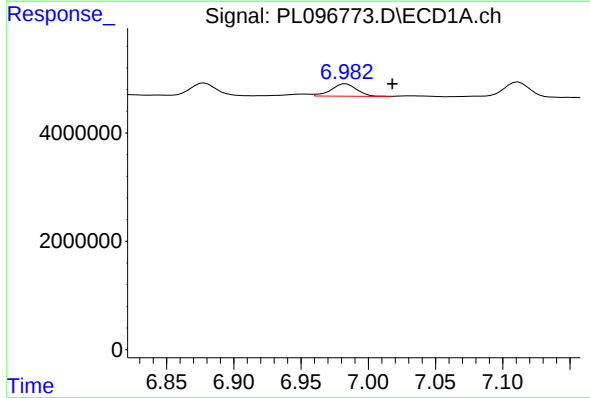
R.T.: 0.000 min
Exp R.T.: 6.404 min
Response: 0
Conc: N.D.

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



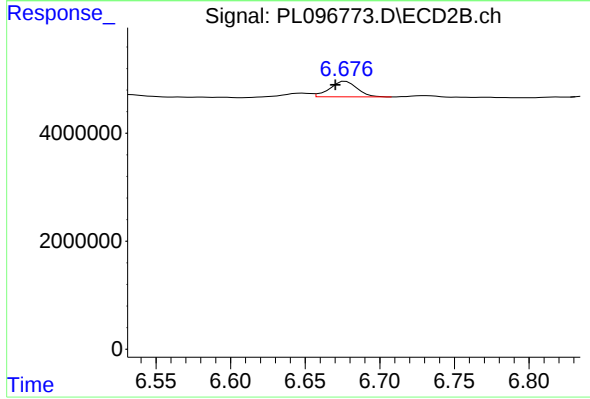
#23 Toxaphene-2

R.T.: 5.430 min
Delta R.T.: 0.034 min
Response: 7455620
Conc: 237.13 ng/ml



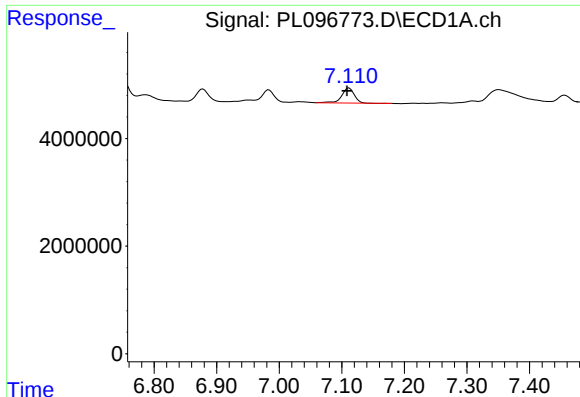
#24 Toxaphene-3

R.T.: 6.983 min
Delta R.T.: -0.035 min
Response: 3011744
Conc: 35.69 ng/ml



#24 Toxaphene-3

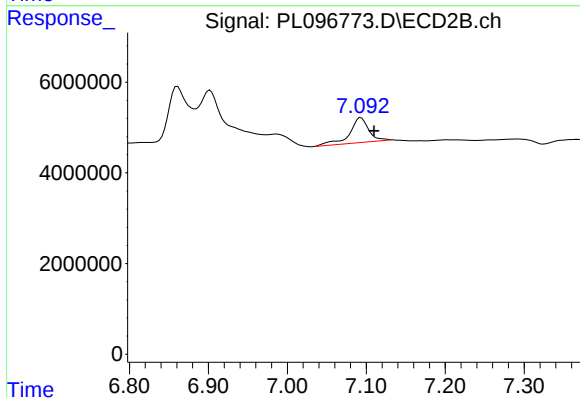
R.T.: 6.677 min
Delta R.T.: 0.007 min
Response: 3656808
Conc: 28.88 ng/ml



#25 Toxaphene-4

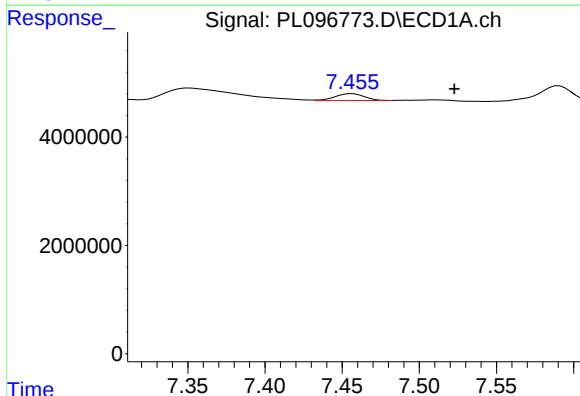
R.T.: 7.112 min
Delta R.T.: 0.003 min
Response: 3831162
Conc: 59.26 ng/ml

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



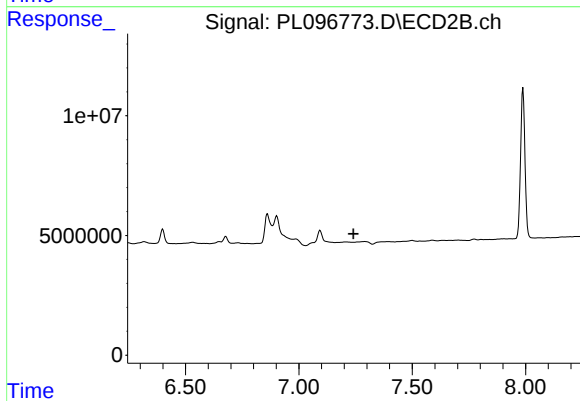
#25 Toxaphene-4

R.T.: 7.093 min
Delta R.T.: -0.017 min
Response: 9447852
Conc: 132.36 ng/ml



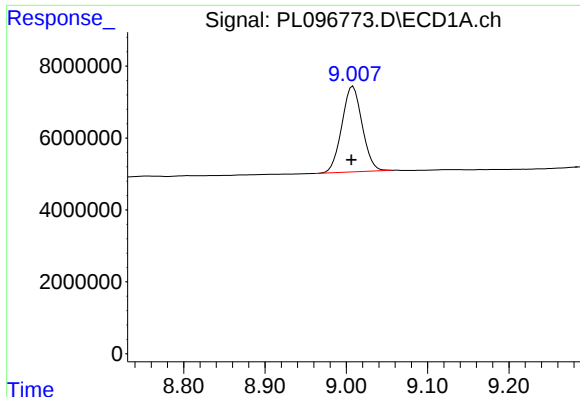
#26 Toxaphene-5

R.T.: 7.456 min
Delta R.T.: -0.066 min
Response: 1684637
Conc: 20.94 ng/ml



#26 Toxaphene-5

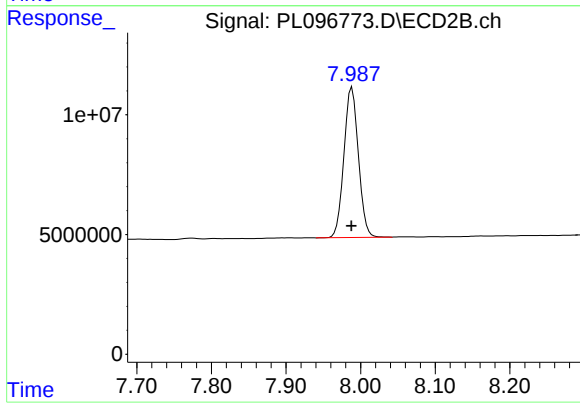
R.T.: 0.000 min
Exp R.T.: 7.241 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.008 min
Delta R.T.: 0.002 min
Response: 41349139
Conc: 18.52 ng/ml

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



#27 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: 0.001 min
Response: 84288398
Conc: 19.00 ng/ml