

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090325\
 Data File : PL097035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 14:36
 Operator : AR\AJ
 Sample : Q2117-02
 Misc : PEST MDL WATER
 ALS Vial : 4 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 07:17:21 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

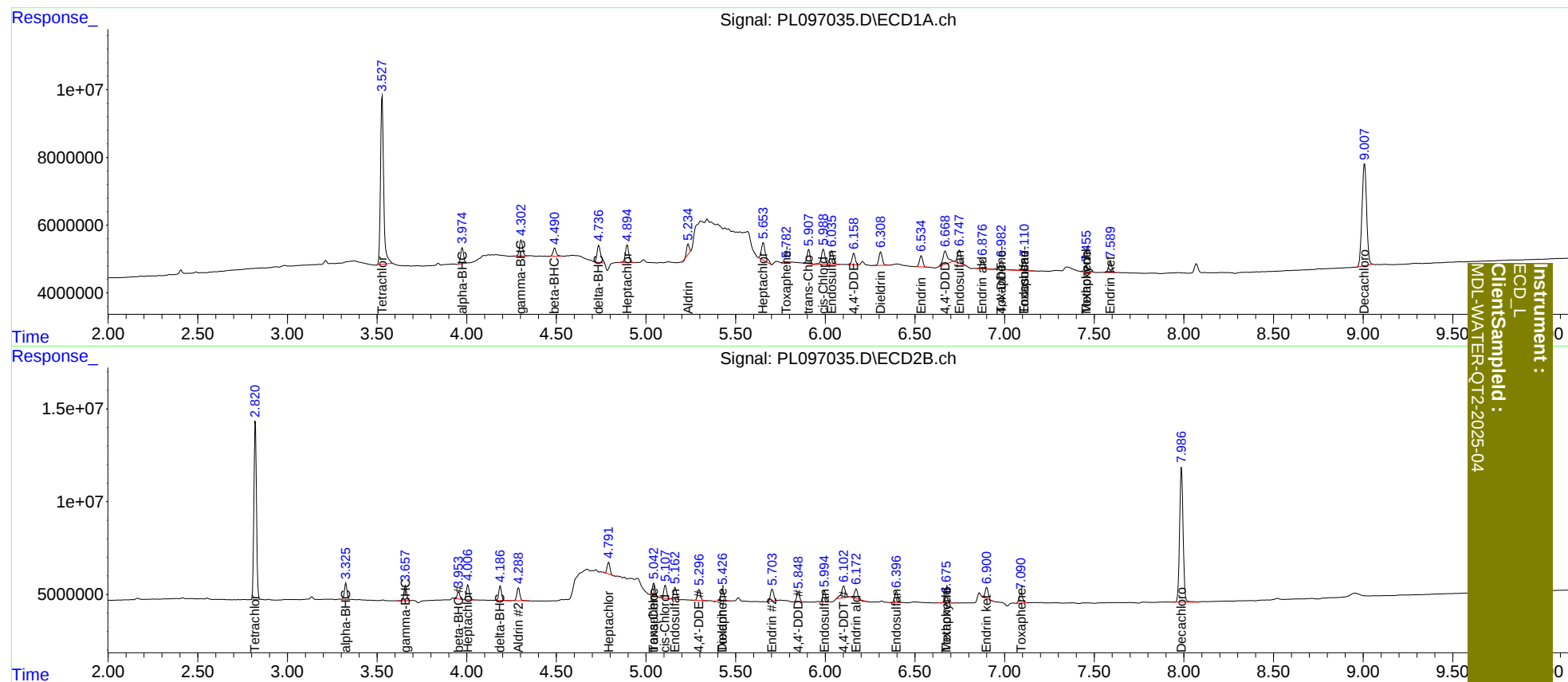
System Monitoring Compounds							
1)	SA Tetrachlo...	3.528	2.821	60768278	94988988	20.325	20.851
27)	SA Decachlor...	9.008	7.987	54104624	98535325	24.231	22.209
Target Compounds							
2)	A alpha-BHC	3.975	3.326	5273042	8671071	1.136	1.253
3)	MA gamma-BHC...	4.304	3.659	5727785	8423075	1.305	1.310
4)	MA Heptachlor	4.895	4.007	6726332	8911166	1.533	1.384
5)	MB Aldrin	5.235	4.289	2821323	8000030	0.667	1.347 #
6)	B beta-BHC	4.491	3.955	3004147	3628751	1.645	1.256
7)	B delta-BHC	4.737	4.187	7084752	8244165	1.800	1.308 #
8)	B Heptachlo...	5.654	4.792	8179338	6407106	2.206	1.158 #
9)	A Endosulfan I	6.037	5.163	5196353	7375715	1.509	1.417
10)	B trans-Chl...	5.908	5.044	4998715	7577119	1.365	1.351
11)	B cis-Chlor...	5.990	5.108	6465709	8067984	1.756	1.473
12)	B 4,4'-DDE	6.160	5.297	4155458	6929808	1.337	1.270
13)	MA Dieldrin	6.309	5.428	5230079	7742937	1.432	1.328
14)	MA Endrin	6.535	5.704	4151083	8132227	1.432	1.612
15)	B Endosulfa...	6.749	5.995	5333621	6996823	1.863	1.424
16)	A 4,4'-DDD	6.669	5.850	7309891	6051108	2.936	1.318 #
17)	MA 4,4'-DDT	6.983	6.103	4064401	10017346	1.712	2.168 #
18)	B Endrin al...	6.878	6.173	3512497	5409403	1.636	1.303
19)	B Endosulfa...	7.111	6.397	4130943	6961632	1.539	1.407
20)	A Methoxychlor	7.456	6.676	2554650	4090956	1.962	1.663
21)	B Endrin ke...	7.591	6.901	4033225	6099729	1.368	1.157
22)	Toxaphene-1	5.784	5.044	629146	7577119	61.665	241.459 #
23)	Toxaphene-2	0.000	5.428	0	7742937	N.D.	246.266
24)	Toxaphene-3	6.983	6.676	4064401	4090956	48.169	32.304 #
25)	Toxaphene-4	7.111	7.092	4130943	7165216	63.898	100.379 #
26)	Toxaphene-5	7.456f	0.000	2554650	0	31.756	N.D. #

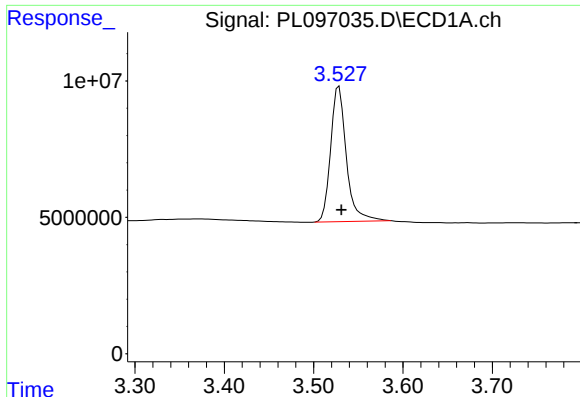
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090325\
Data File : PL097035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Sep 2025 14:36
Operator : AR\AJ
Sample : Q2117-02
Misc : PEST MDL WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 04 07:17:21 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
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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

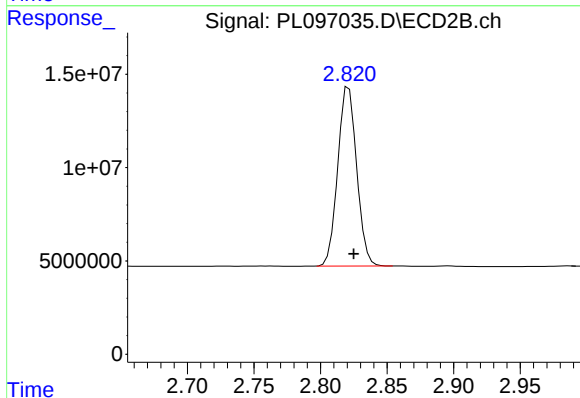




#1 Tetrachloro-m-xylene

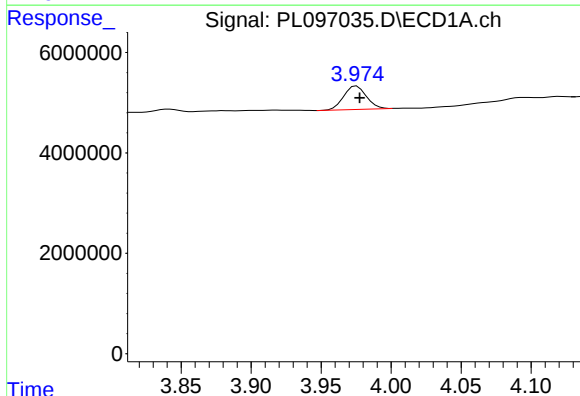
R.T.: 3.528 min
Delta R.T.: -0.003 min
Response: 60768278
Conc: 20.33 ng/ml

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



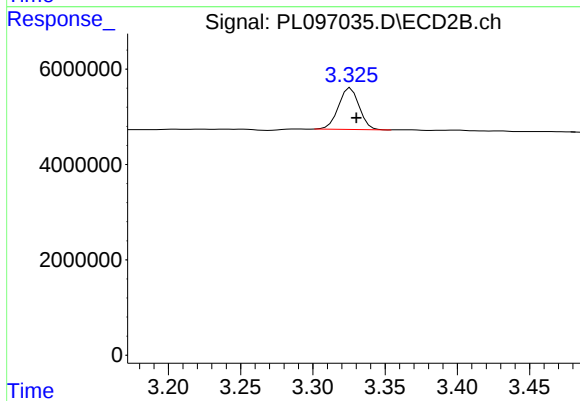
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.004 min
Response: 94988988
Conc: 20.85 ng/ml



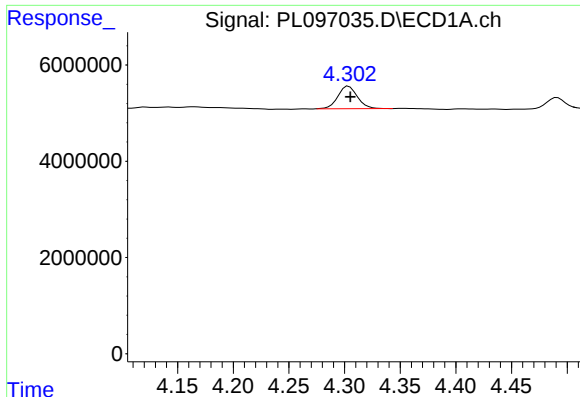
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.002 min
Response: 5273042
Conc: 1.14 ng/ml



#2 alpha-BHC

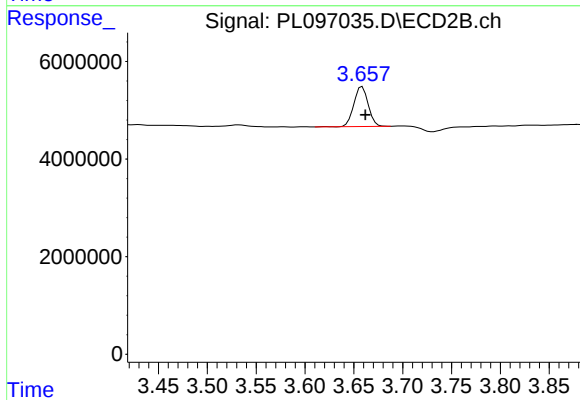
R.T.: 3.326 min
Delta R.T.: -0.004 min
Response: 8671071
Conc: 1.25 ng/ml



#3 gamma-BHC (Lindane)

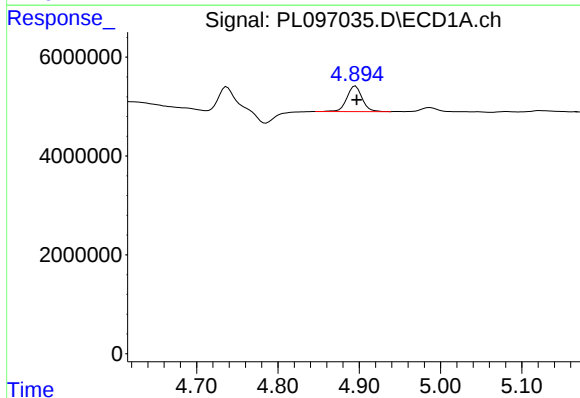
R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 5727785
Conc: 1.31 ng/ml

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



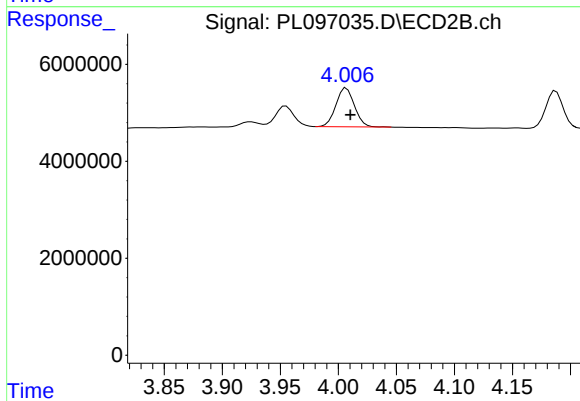
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 8423075
Conc: 1.31 ng/ml



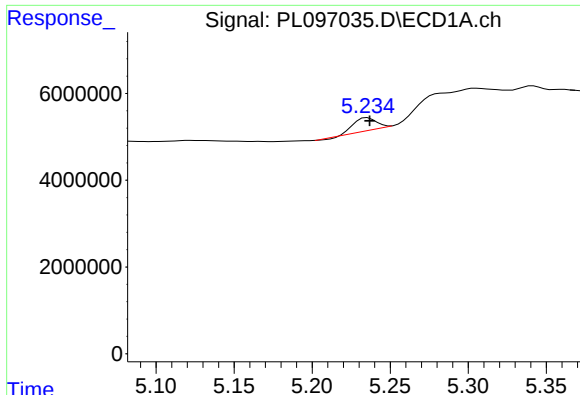
#4 Heptachlor

R.T.: 4.895 min
Delta R.T.: -0.002 min
Response: 6726332
Conc: 1.53 ng/ml



#4 Heptachlor

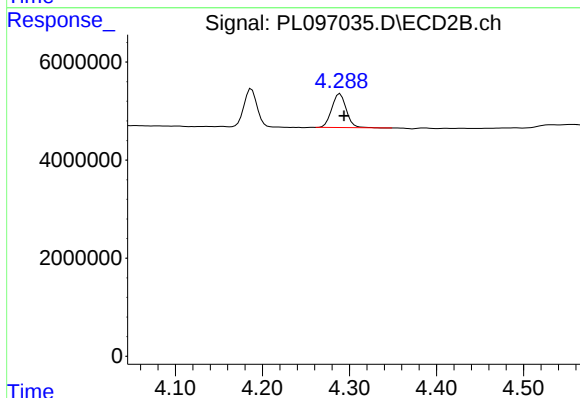
R.T.: 4.007 min
Delta R.T.: -0.004 min
Response: 8911166
Conc: 1.38 ng/ml



#5 Aldrin

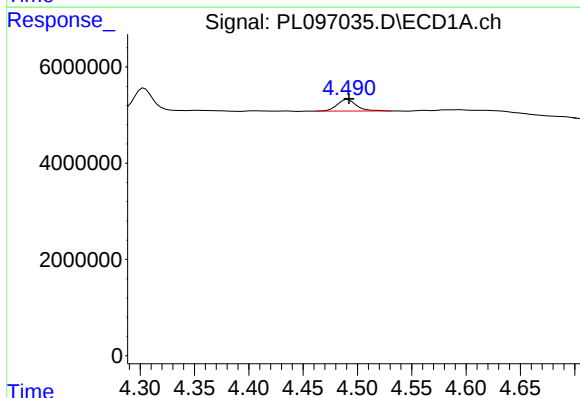
R.T.: 5.235 min
Delta R.T.: -0.001 min
Response: 2821323
Conc: 0.67 ng/ml

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



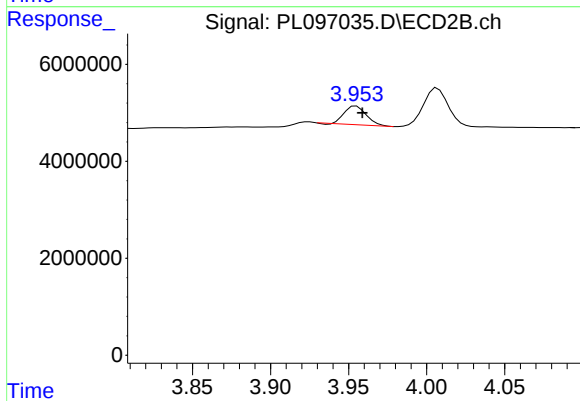
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.005 min
Response: 8000030
Conc: 1.35 ng/ml



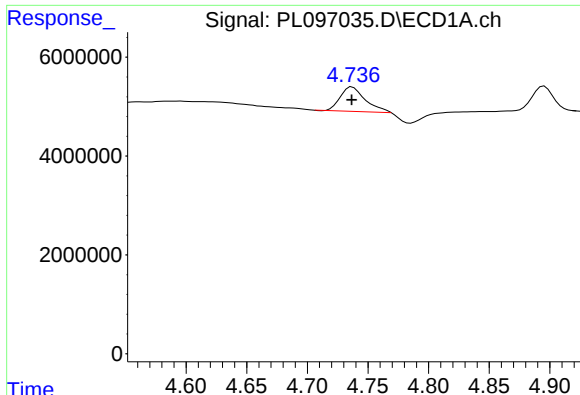
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.001 min
Response: 3004147
Conc: 1.65 ng/ml



#6 beta-BHC

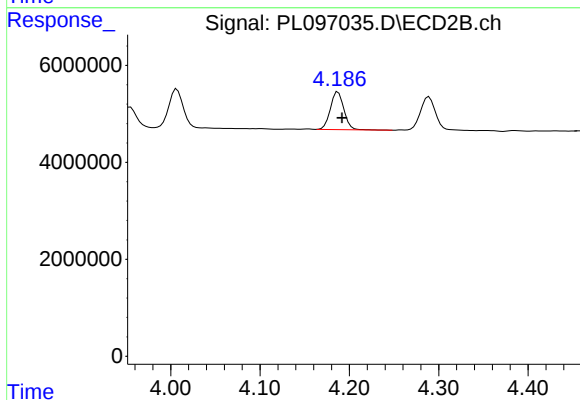
R.T.: 3.955 min
Delta R.T.: -0.004 min
Response: 3628751
Conc: 1.26 ng/ml



#7 delta-BHC

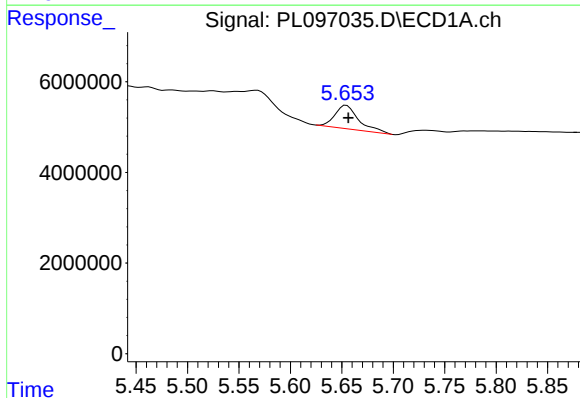
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 7084752
Conc: 1.80 ng/ml

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



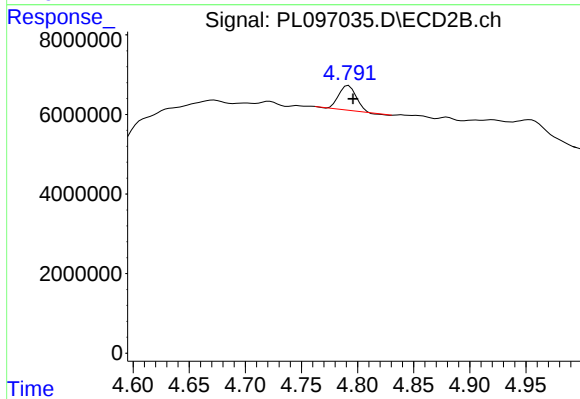
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: -0.005 min
Response: 8244165
Conc: 1.31 ng/ml



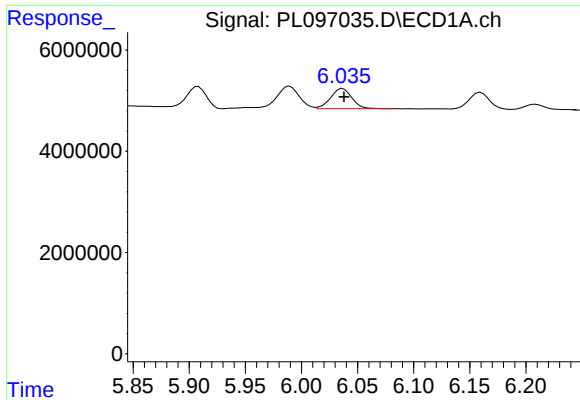
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 8179338
Conc: 2.21 ng/ml



#8 Heptachlor epoxide

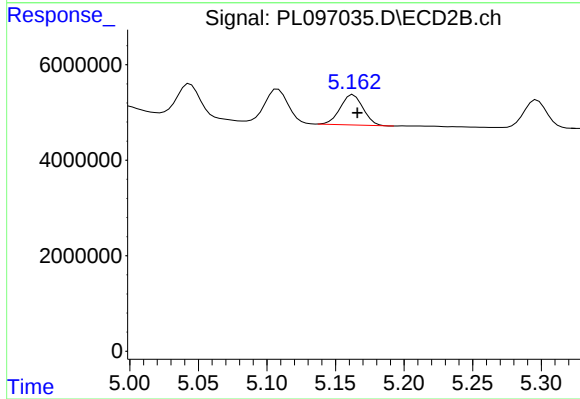
R.T.: 4.792 min
Delta R.T.: -0.004 min
Response: 6407106
Conc: 1.16 ng/ml



#9 Endosulfan I

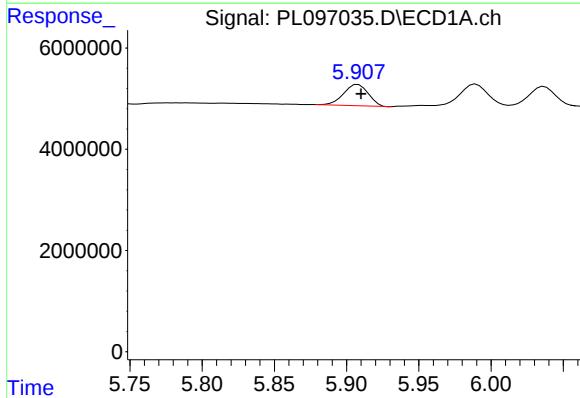
R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 5196353
Conc: 1.51 ng/ml

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



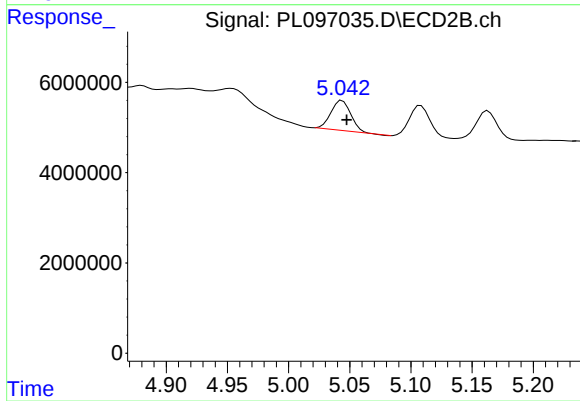
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.003 min
Response: 7375715
Conc: 1.42 ng/ml



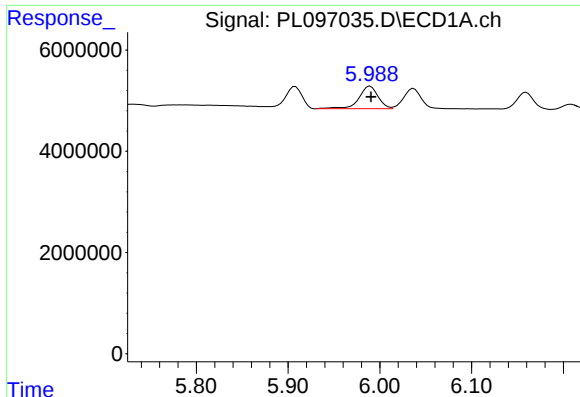
#10 trans-Chlordane

R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 4998715
Conc: 1.37 ng/ml



#10 trans-Chlordane

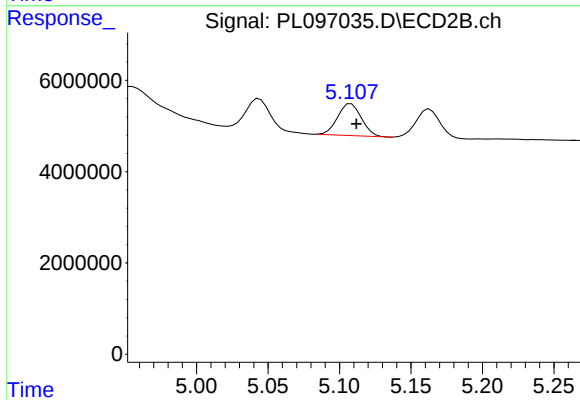
R.T.: 5.044 min
Delta R.T.: -0.004 min
Response: 7577119
Conc: 1.35 ng/ml



#11 cis-Chlordane

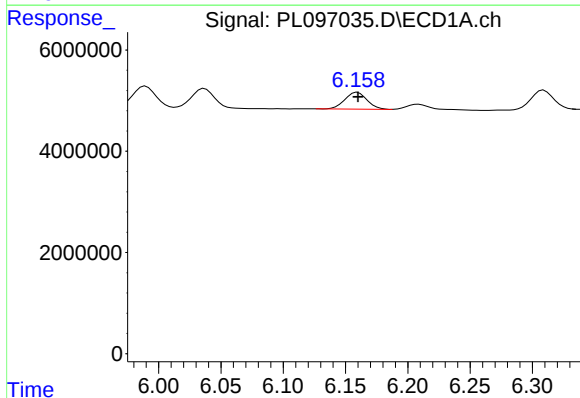
R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 6465709
Conc: 1.76 ng/ml

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



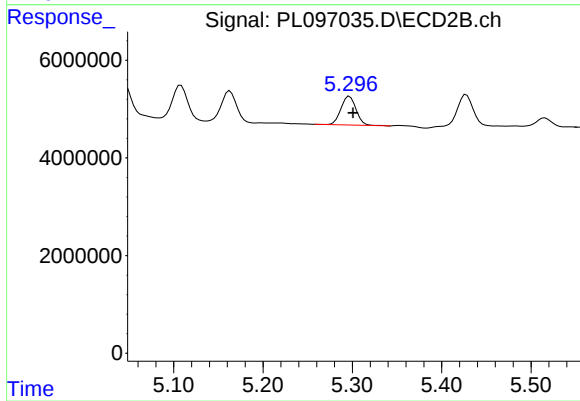
#11 cis-Chlordane

R.T.: 5.108 min
Delta R.T.: -0.004 min
Response: 8067984
Conc: 1.47 ng/ml



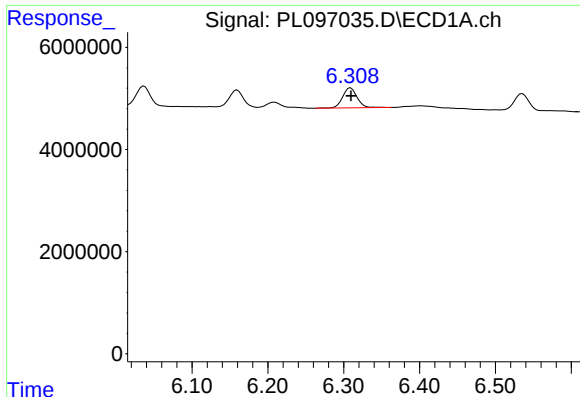
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 4155458
Conc: 1.34 ng/ml



#12 4,4'-DDE

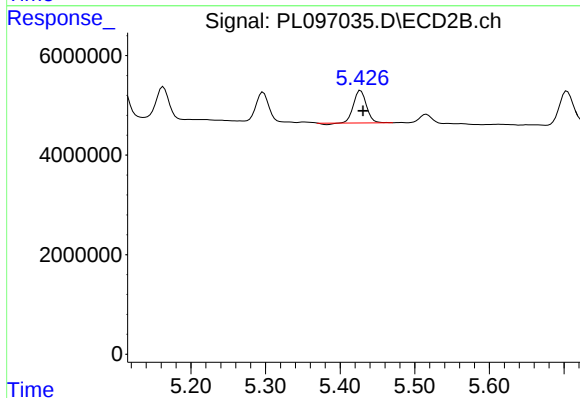
R.T.: 5.297 min
Delta R.T.: -0.004 min
Response: 6929808
Conc: 1.27 ng/ml



#13 Dieldrin

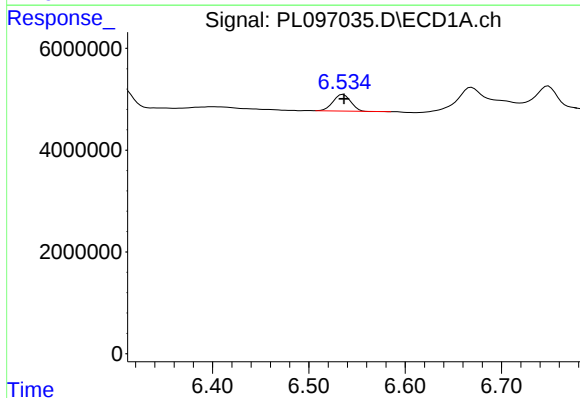
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 5230079
Conc: 1.43 ng/ml

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



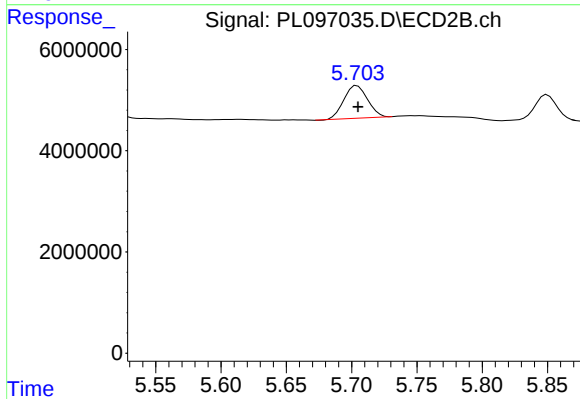
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: -0.003 min
Response: 7742937
Conc: 1.33 ng/ml



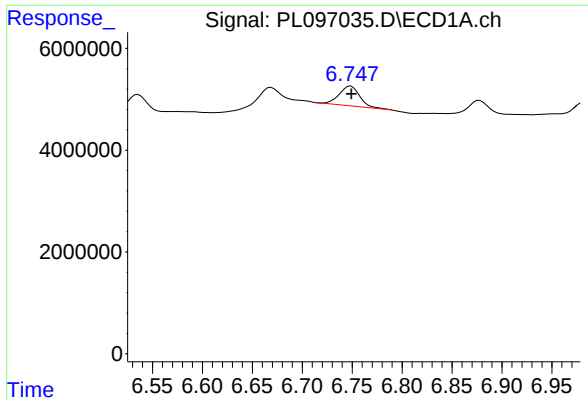
#14 Endrin

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 4151083
Conc: 1.43 ng/ml



#14 Endrin

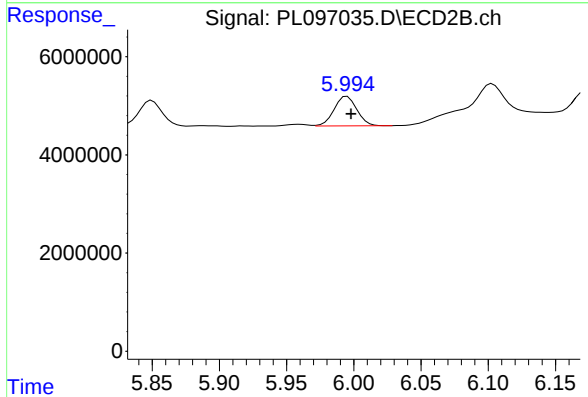
R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 8132227
Conc: 1.61 ng/ml



#15 Endosulfan II

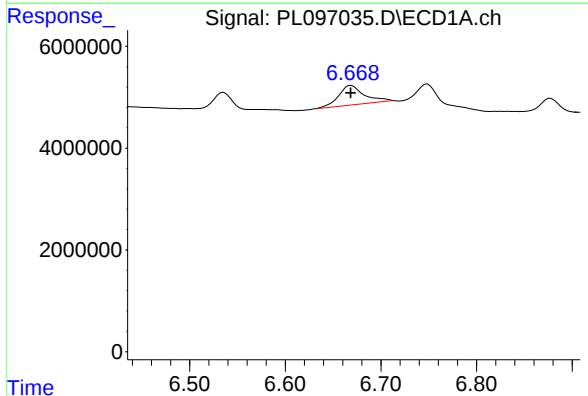
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 5333621
Conc: 1.86 ng/ml

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



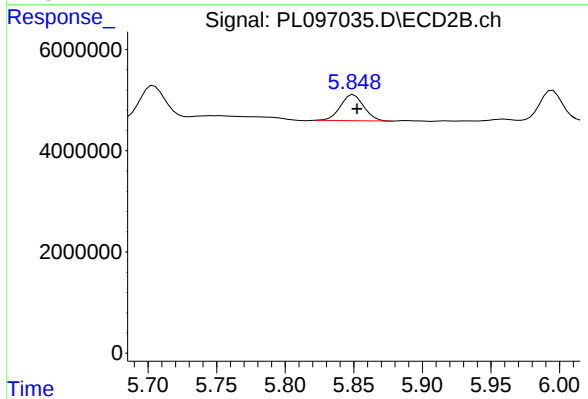
#15 Endosulfan II

R.T.: 5.995 min
Delta R.T.: -0.003 min
Response: 6996823
Conc: 1.42 ng/ml



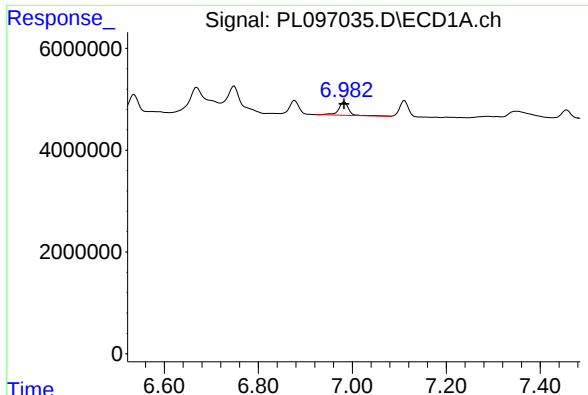
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 7309891
Conc: 2.94 ng/ml



#16 4,4'-DDD

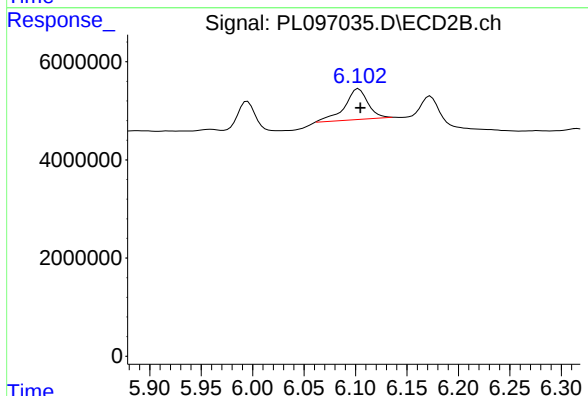
R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 6051108
Conc: 1.32 ng/ml



#17 4,4'-DDT

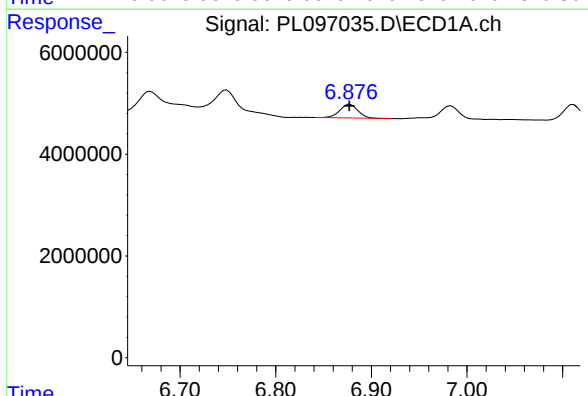
R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 4064401
Conc: 1.71 ng/ml

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



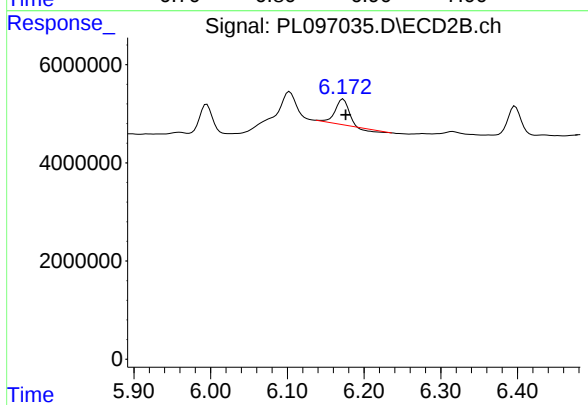
#17 4,4'-DDT

R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 10017346
Conc: 2.17 ng/ml



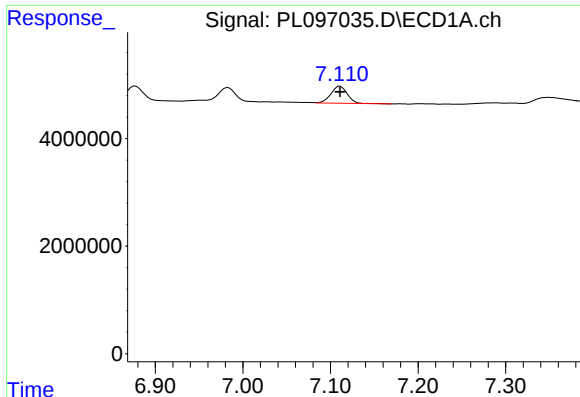
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 3512497
Conc: 1.64 ng/ml



#18 Endrin aldehyde

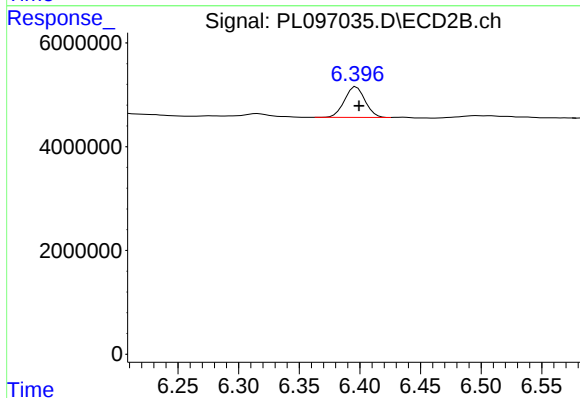
R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 5409403
Conc: 1.30 ng/ml



#19 Endosulfan Sulfate

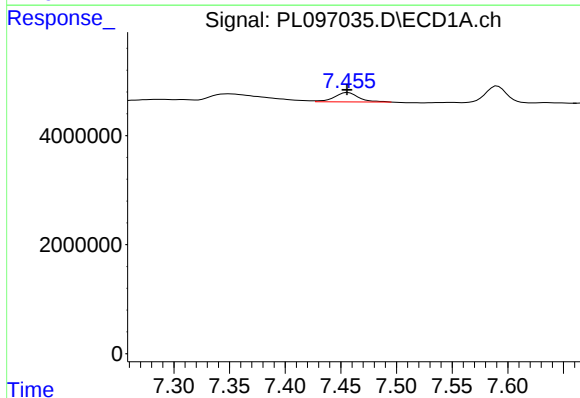
R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 4130943
Conc: 1.54 ng/ml

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



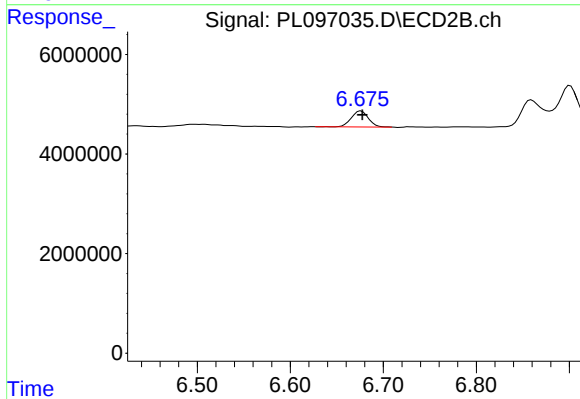
#19 Endosulfan Sulfate

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 6961632
Conc: 1.41 ng/ml



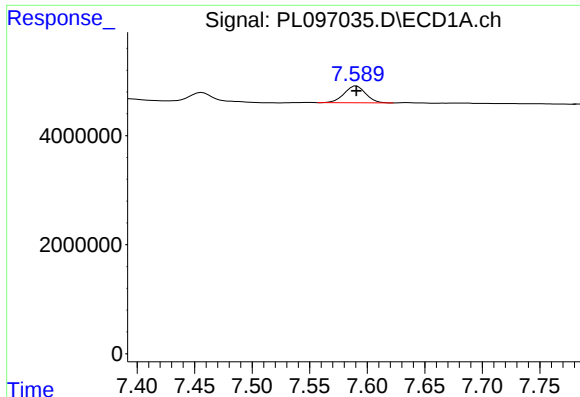
#20 Methoxychlor

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 2554650
Conc: 1.96 ng/ml



#20 Methoxychlor

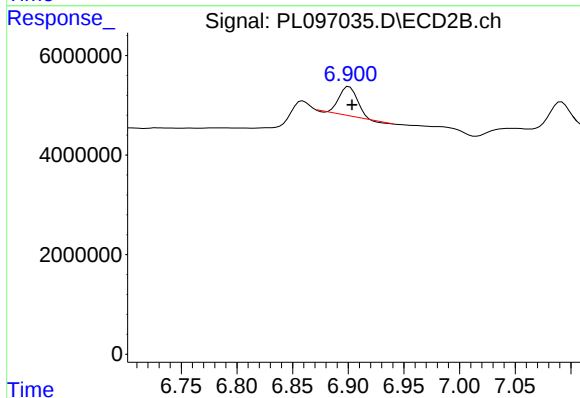
R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 4090956
Conc: 1.66 ng/ml



#21 Endrin ketone

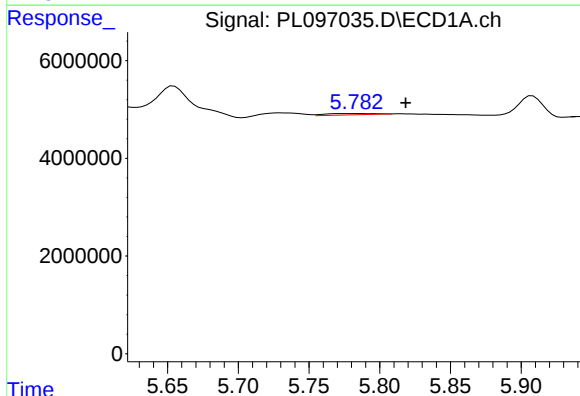
R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 4033225
Conc: 1.37 ng/ml

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



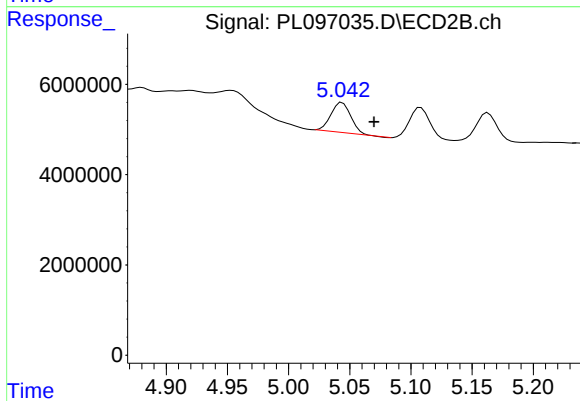
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.002 min
Response: 6099729
Conc: 1.16 ng/ml



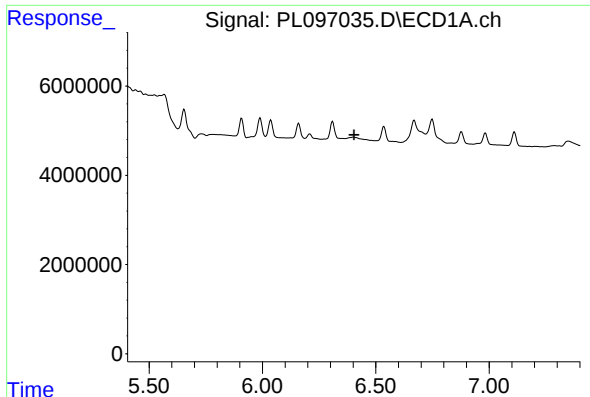
#22 Toxaphene-1

R.T.: 5.784 min
Delta R.T.: -0.035 min
Response: 629146
Conc: 61.67 ng/ml



#22 Toxaphene-1

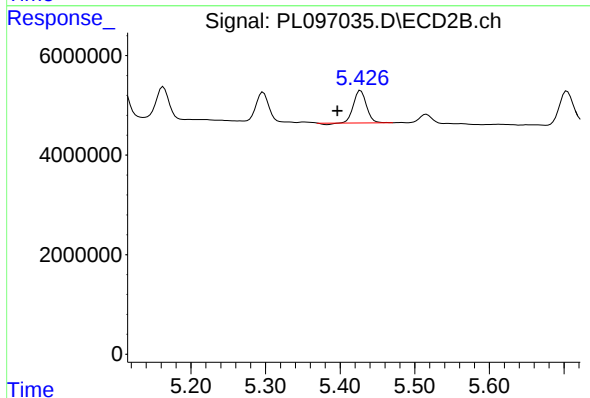
R.T.: 5.044 min
Delta R.T.: -0.026 min
Response: 7577119
Conc: 241.46 ng/ml



#23 Toxaphene-2

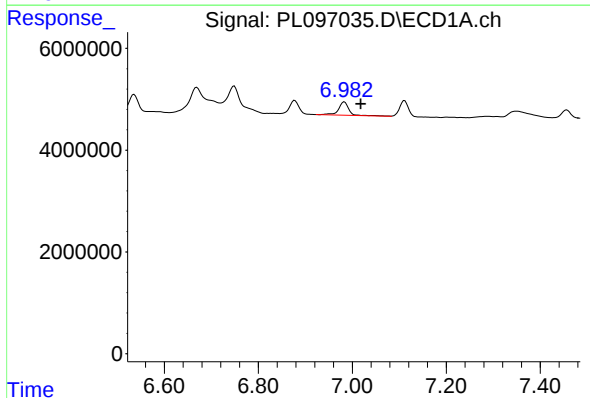
R.T.: 0.000 min
Exp R.T.: 6.404 min
Response: 0
Conc: N.D.

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



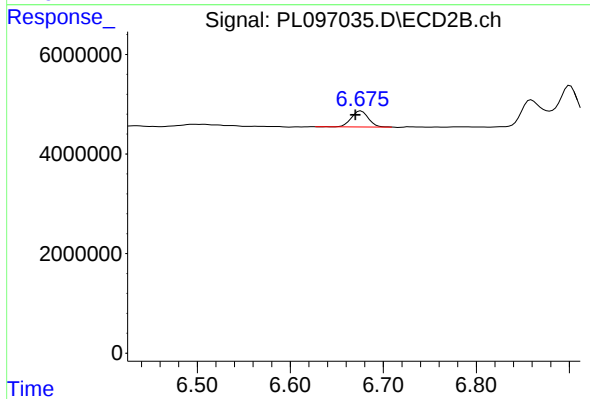
#23 Toxaphene-2

R.T.: 5.428 min
Delta R.T.: 0.031 min
Response: 7742937
Conc: 246.27 ng/ml



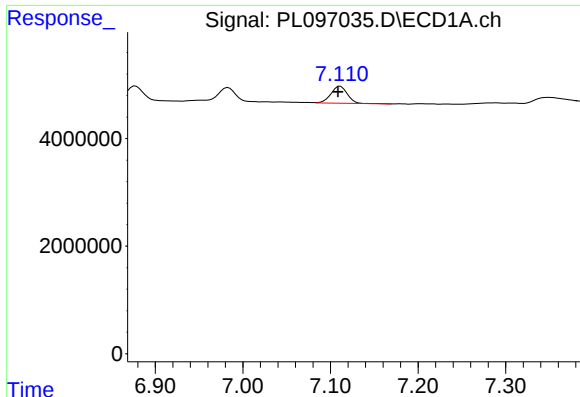
#24 Toxaphene-3

R.T.: 6.983 min
Delta R.T.: -0.035 min
Response: 4064401
Conc: 48.17 ng/ml



#24 Toxaphene-3

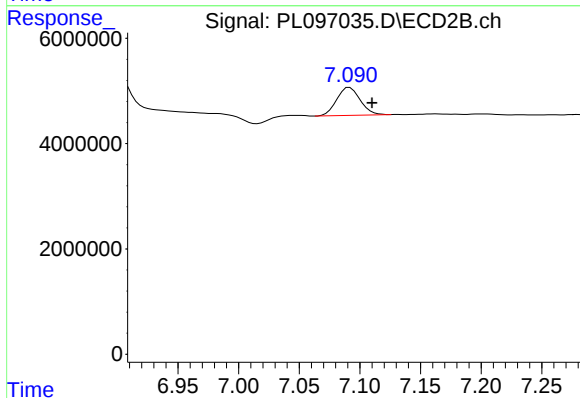
R.T.: 6.676 min
Delta R.T.: 0.006 min
Response: 4090956
Conc: 32.30 ng/ml



#25 Toxaphene-4

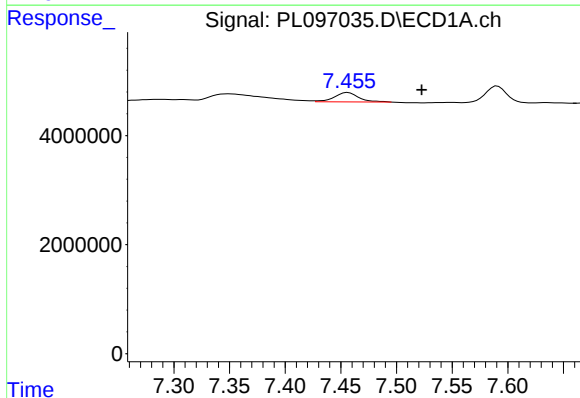
R.T.: 7.111 min
Delta R.T.: 0.003 min
Response: 4130943
Conc: 63.90 ng/ml

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



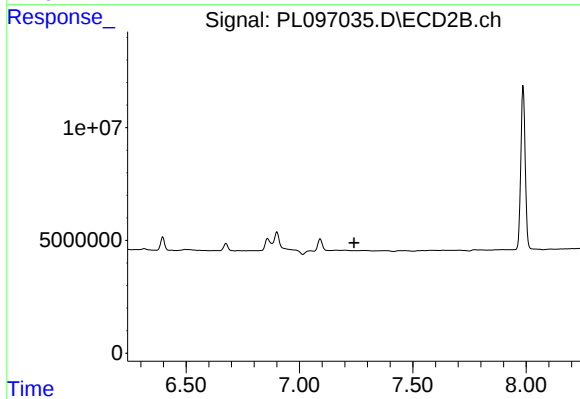
#25 Toxaphene-4

R.T.: 7.092 min
Delta R.T.: -0.018 min
Response: 7165216
Conc: 100.38 ng/ml



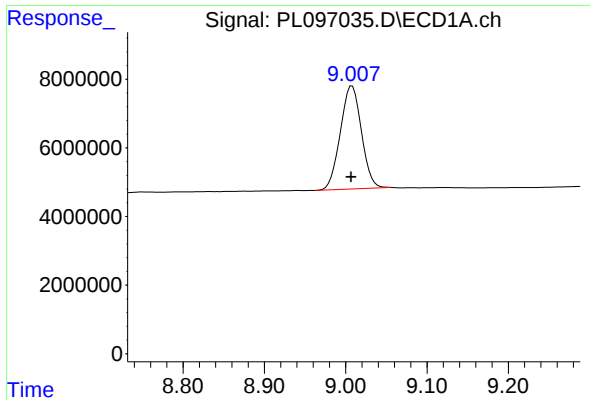
#26 Toxaphene-5

R.T.: 7.456 min
Delta R.T.: -0.066 min
Response: 2554650
Conc: 31.76 ng/ml



#26 Toxaphene-5

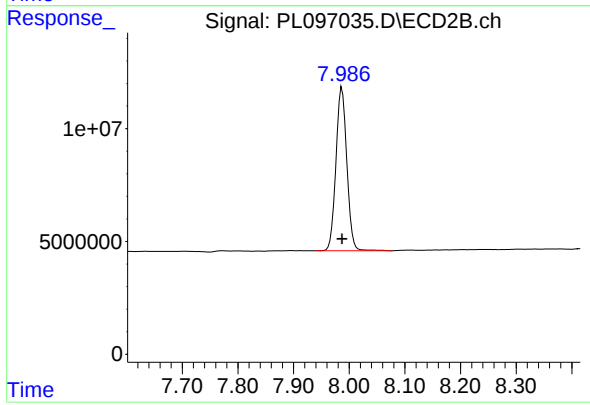
R.T.: 0.000 min
Exp R.T.: 7.241 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.008 min
Delta R.T.: 0.002 min
Response: 54104624
Conc: 24.23 ng/ml

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



#27 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: 0.000 min
Response: 98535325
Conc: 22.21 ng/ml