

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
 Data File : PL097121.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 12:58
 Operator : AR\AJ
 Sample : Q2893-07
 Misc : PEST LOD 1PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 07:41:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 11 07:41:18 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.526	2.819	70882914	104.9E6	18.254	18.609
28)	SA Decachlor...	9.002	7.982	58310229	106.7E6	19.695	22.240
Target Compounds							
2)	A alpha-BHC	3.972	3.324	5982844	8582732	1.033	1.045
3)	MA gamma-BHC...	4.300	3.656	5493093	7817396	1.006	1.061
4)	MA Heptachlor	4.891	4.004	5334807	8592994	1.000	1.142
5)	MB Aldrin	5.231	4.287	5887070	7904037	1.121	1.124
7)	B delta-BHC	4.733	4.185	6895912	7529755	1.532	1.025 #
8)	B Heptachlo...	0.000	4.790	0	11462030	N.D.	1.812 #
9)	A Endosulfan I	0.000	5.160	0	9893321	N.D.	1.651 #
10)	B gamma-Chl...	5.905	5.040	4647380	6344358	1.009	0.960
11)	B alpha-Chl...	5.984	5.105	9132704	6652398	1.941	1.019 #
12)	B 4,4'-DDE	6.158	5.294	9179557	6795345	2.301	1.104 #
13)	MA Dieldrin	6.305	5.424	3859895	14438312	0.850	2.203 #
14)	MA Endrin	6.533	5.699	8372183	6961365	2.236	1.178 #
15)	B Endosulfa...	6.740	5.991	35477405	5386694	8.054	0.942 #
16)	A 4,4'-DDD	0.000	5.847	0	4711587	N.D.	0.902 #
17)	MA 4,4'-DDT	0.000	6.102	0	16266617	N.D.	2.970 #
18)	B Endrin al...	0.000	6.168	0	18251906	N.D.	3.796 #
19)	B Endosulfa...	0.000	6.393	0	7933183	N.D.	1.416 #
21)	B Endrin ke...	0.000	6.897	0	7211233	N.D.	1.152 #
22)	Mirex	0.000	7.088	0	6323550	N.D.	1.302 #
24)	Chlordane-2	5.231f	0.000	5887070	0	32.316	N.D. #
25)	Chlordane-3	5.905	5.040	4647380	6344358	7.390	10.065 #
26)	Chlordane-4	5.984	5.105	9132704	6652398	11.229	11.928
27)	Chlordane-5	0.000	5.991	0	5386694	N.D.	23.907 #

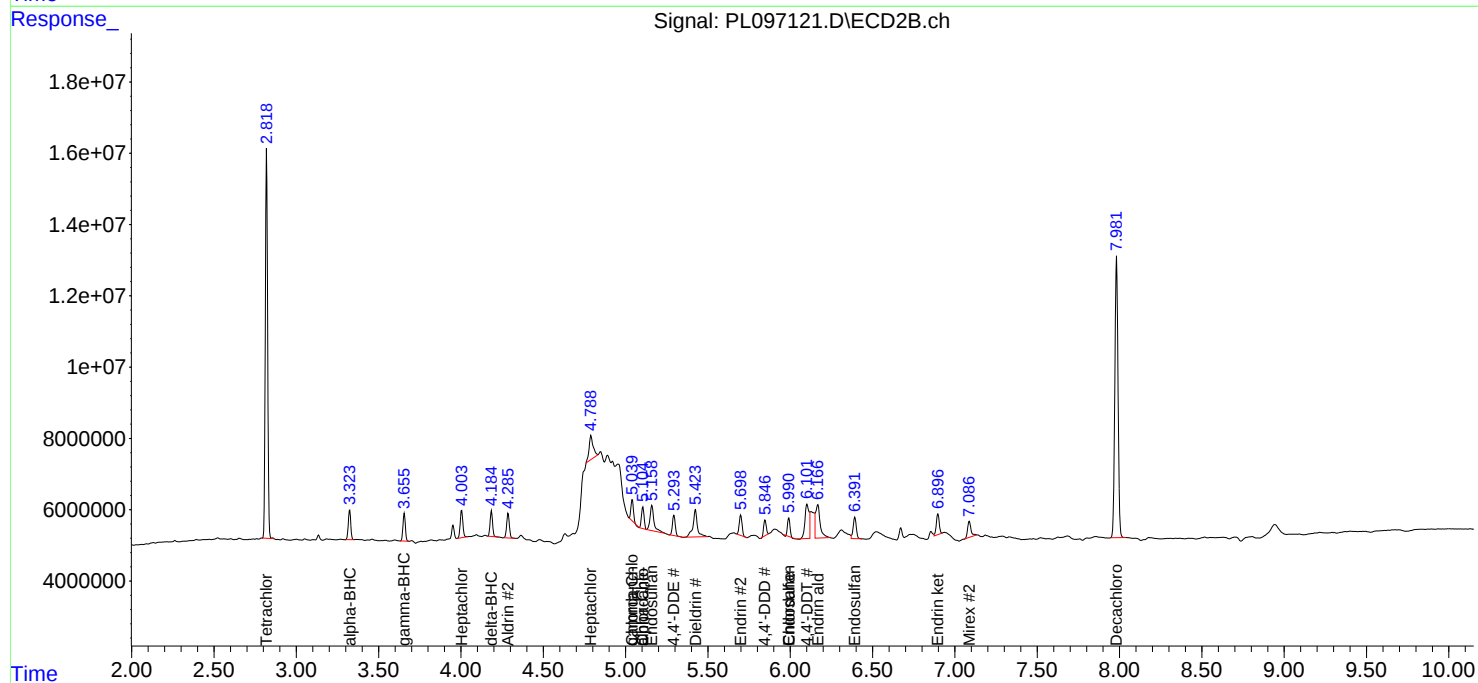
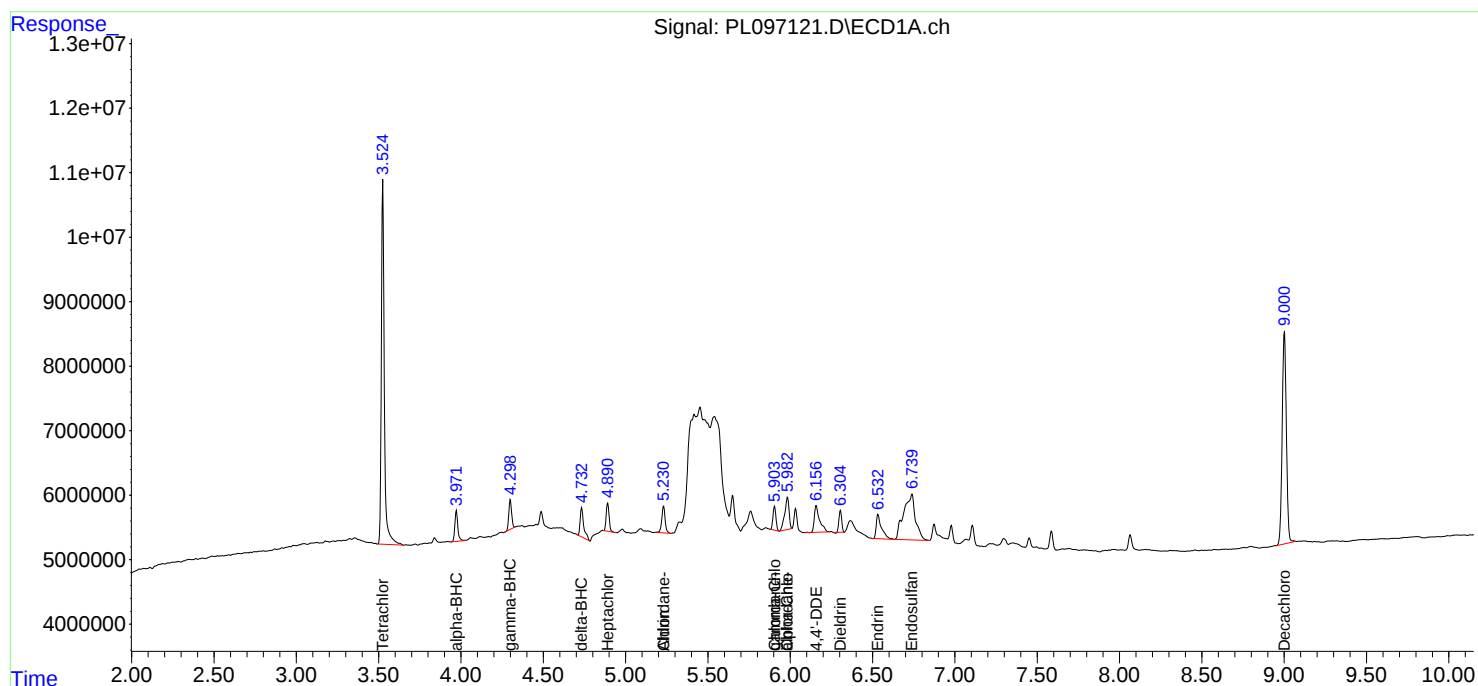
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

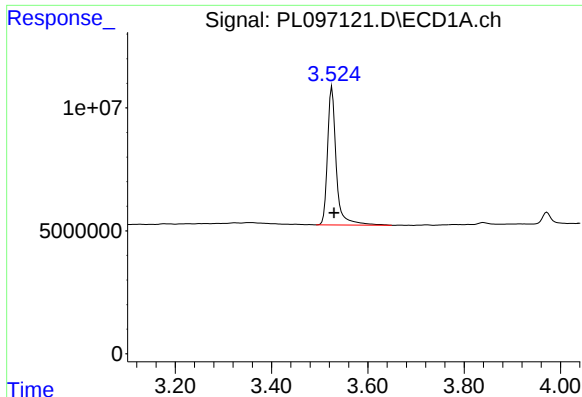
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
Data File : PL097121.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 12:58
Operator : AR\AJ
Sample : Q2893-07
Misc : PEST LOD 1PPB
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:41:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Sep 11 07:41:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

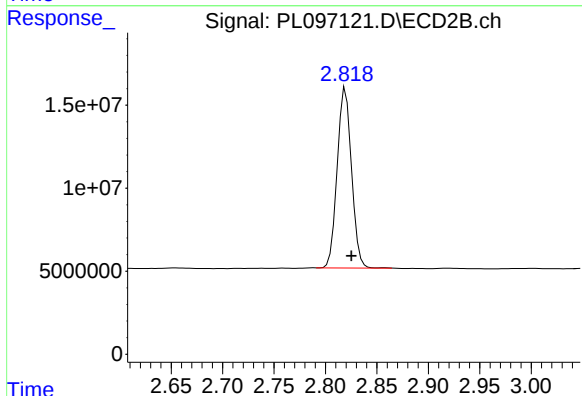




#1 Tetrachloro-m-xylene

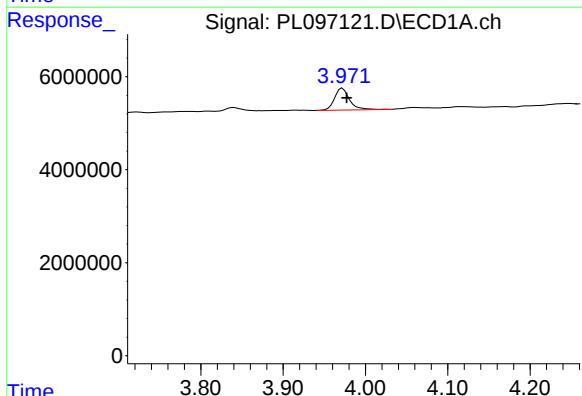
R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 70882914
Conc: 18.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



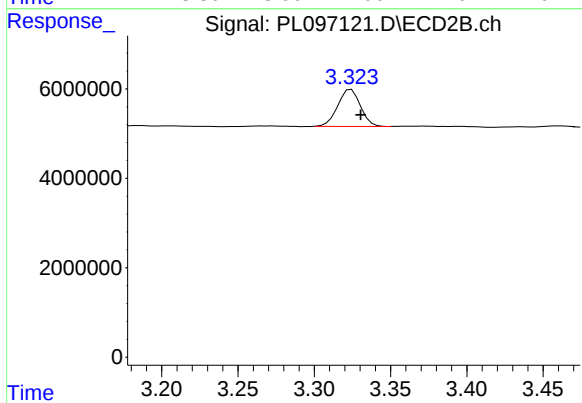
#1 Tetrachloro-m-xylene

R.T.: 2.819 min
Delta R.T.: -0.006 min
Response: 104895174
Conc: 18.61 ng/ml



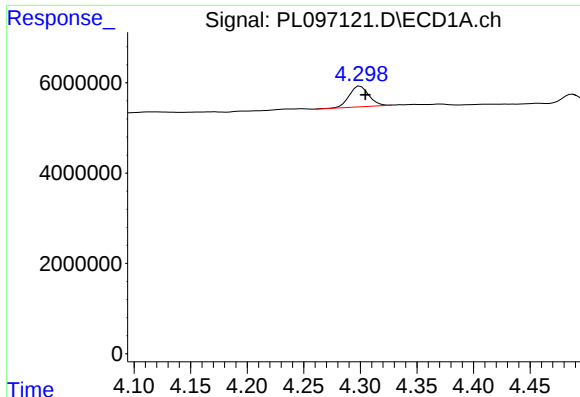
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.005 min
Response: 5982844
Conc: 1.03 ng/ml



#2 alpha-BHC

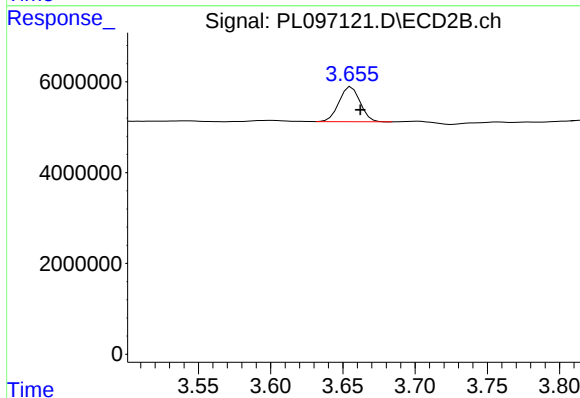
R.T.: 3.324 min
Delta R.T.: -0.006 min
Response: 8582732
Conc: 1.05 ng/ml



#3 gamma-BHC (Lindane)

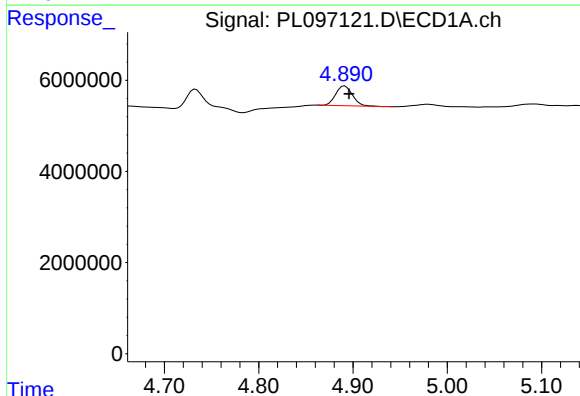
R.T.: 4.300 min
Delta R.T.: -0.005 min
Response: 5493093
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



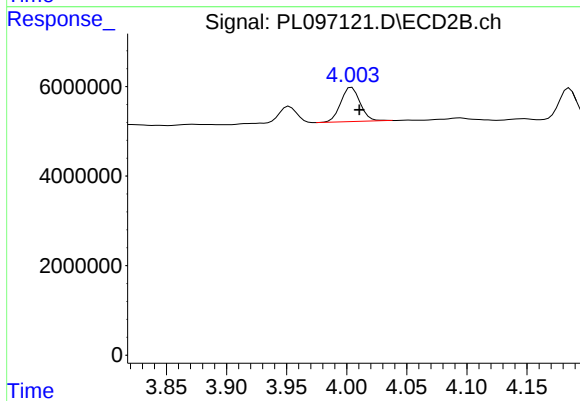
#3 gamma-BHC (Lindane)

R.T.: 3.656 min
Delta R.T.: -0.006 min
Response: 7817396
Conc: 1.06 ng/ml



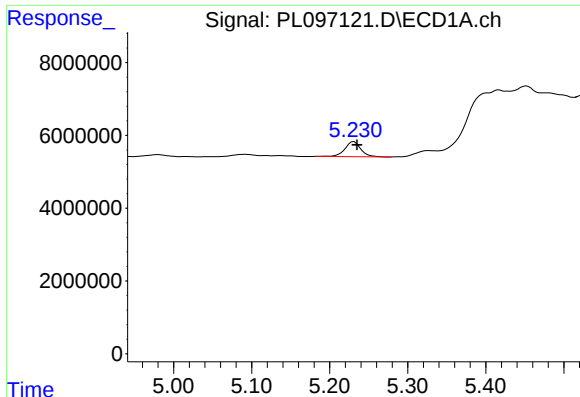
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.005 min
Response: 5334807
Conc: 1.00 ng/ml



#4 Heptachlor

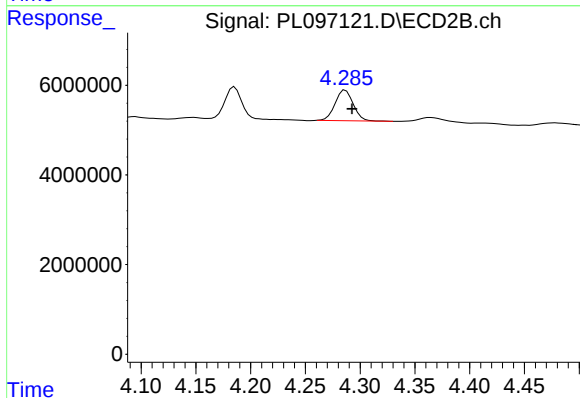
R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 8592994
Conc: 1.14 ng/ml



#5 Aldrin

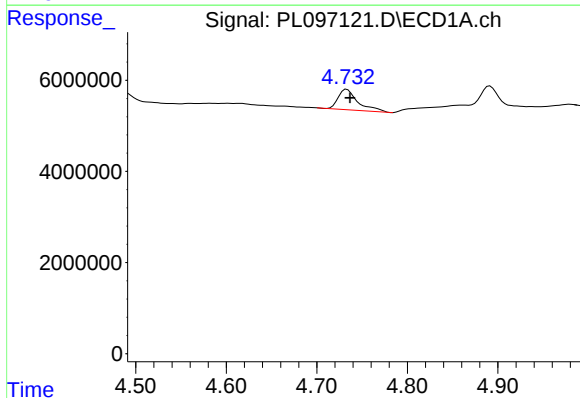
R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 5887070
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



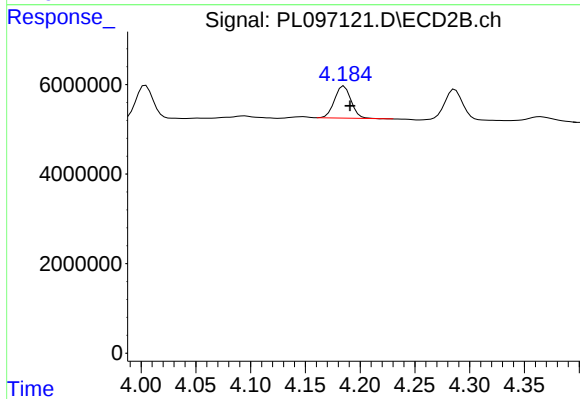
#5 Aldrin

R.T.: 4.287 min
Delta R.T.: -0.006 min
Response: 7904037
Conc: 1.12 ng/ml



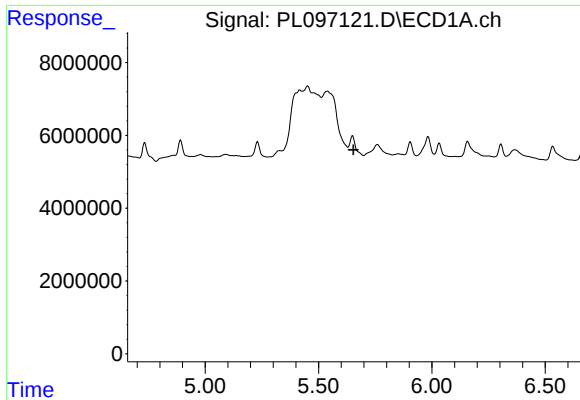
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 6895912
Conc: 1.53 ng/ml



#7 delta-BHC

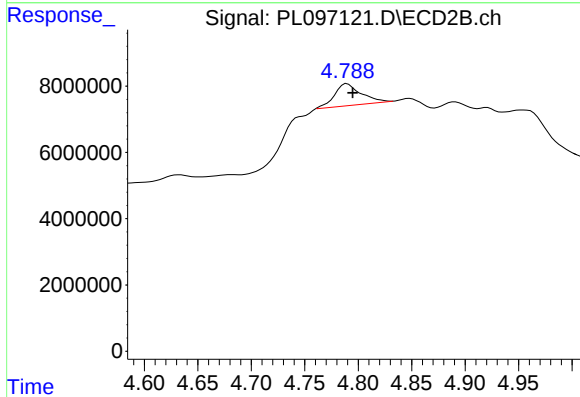
R.T.: 4.185 min
Delta R.T.: -0.005 min
Response: 7529755
Conc: 1.02 ng/ml



#8 Heptachlor epoxide

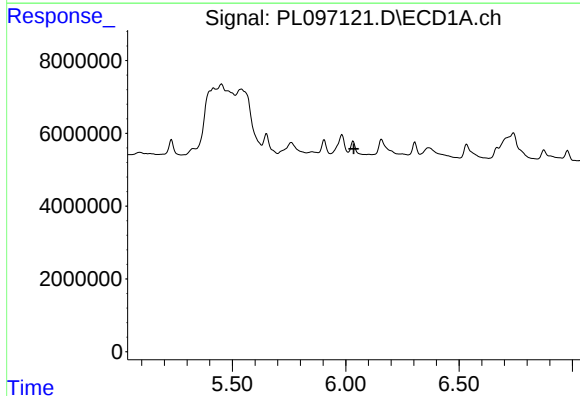
R.T.: 0.000 min
Exp R.T. : 5.654 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



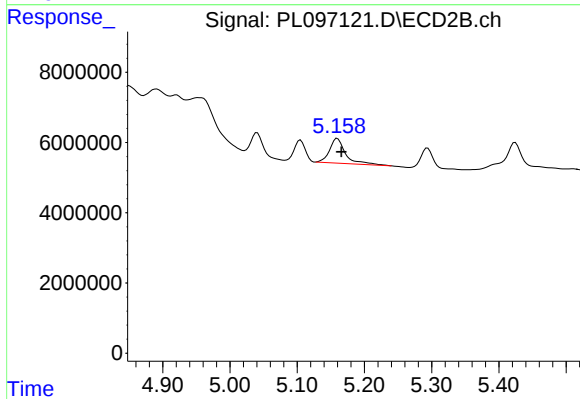
#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.005 min
Response: 11462030
Conc: 1.81 ng/ml



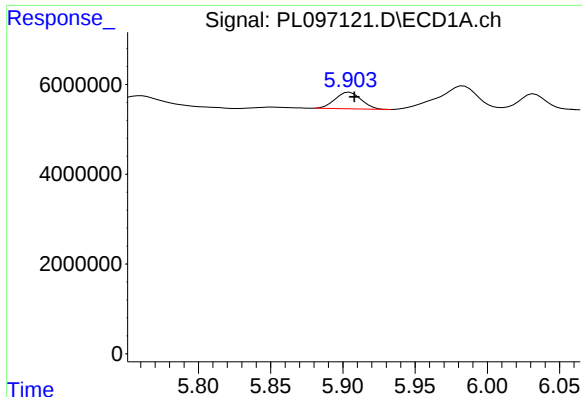
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.036 min
Response: 0
Conc: N.D.



#9 Endosulfan I

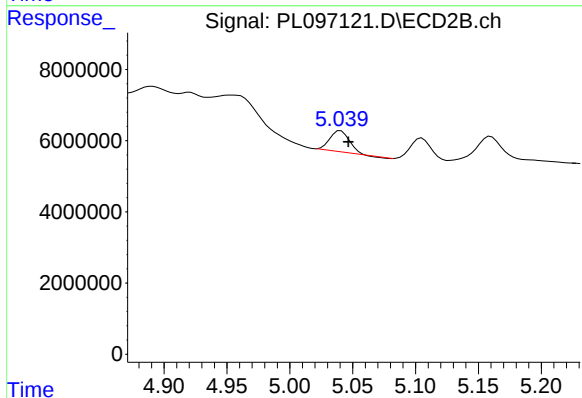
R.T.: 5.160 min
Delta R.T.: -0.006 min
Response: 9893321
Conc: 1.65 ng/ml



#10 gamma-Chlordane

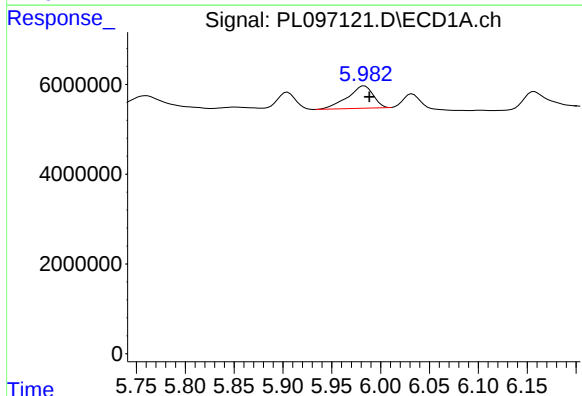
R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 4647380
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



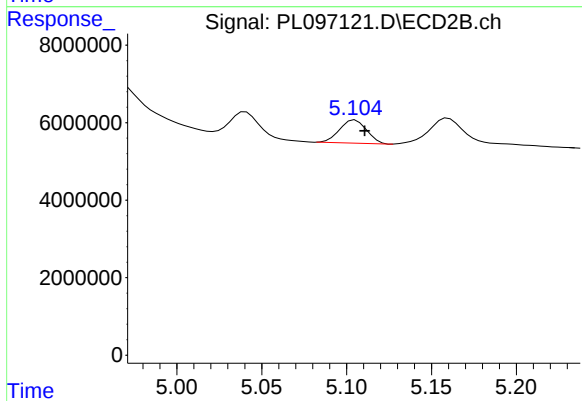
#10 gamma-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.006 min
Response: 6344358
Conc: 0.96 ng/ml



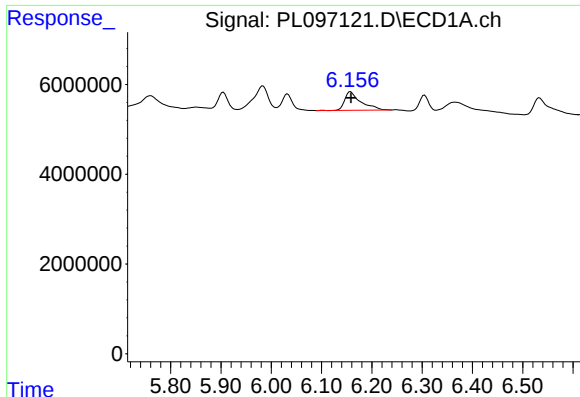
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.005 min
Response: 9132704
Conc: 1.94 ng/ml



#11 alpha-Chlordane

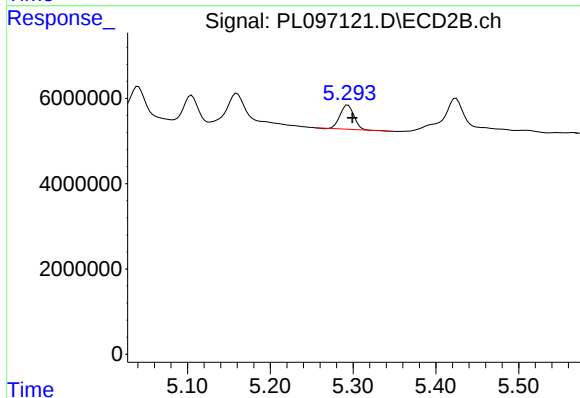
R.T.: 5.105 min
Delta R.T.: -0.005 min
Response: 6652398
Conc: 1.02 ng/ml



#12 4,4'-DDE

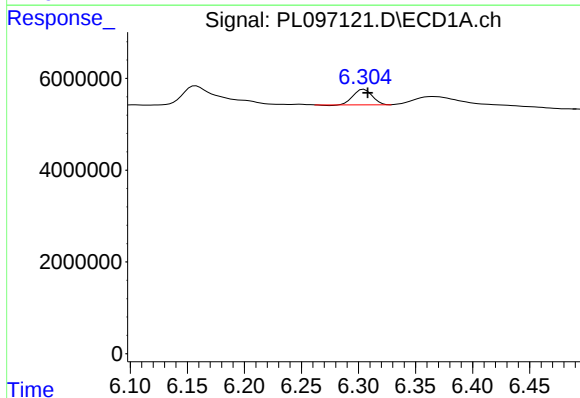
R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 9179557
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



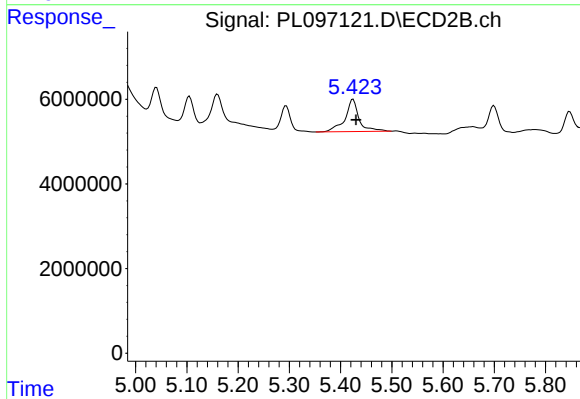
#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.005 min
Response: 6795345
Conc: 1.10 ng/ml



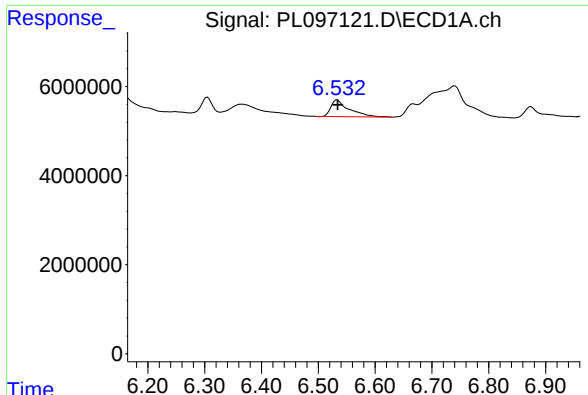
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 3859895
Conc: 0.85 ng/ml



#13 Dieldrin

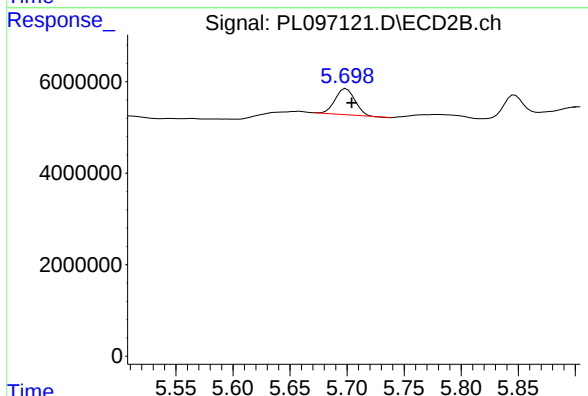
R.T.: 5.424 min
Delta R.T.: -0.006 min
Response: 14438312
Conc: 2.20 ng/ml



#14 Endrin

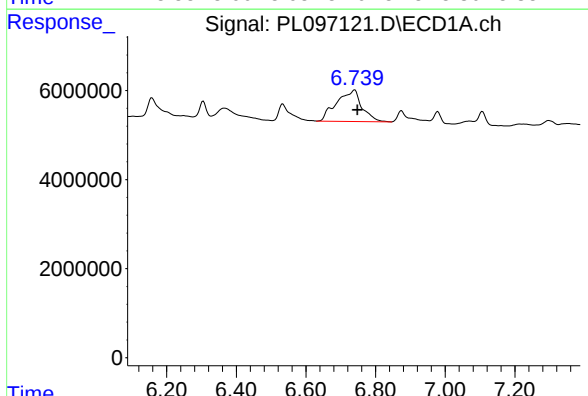
R.T.: 6.533 min
Delta R.T.: -0.001 min
Response: 8372183
Conc: 2.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



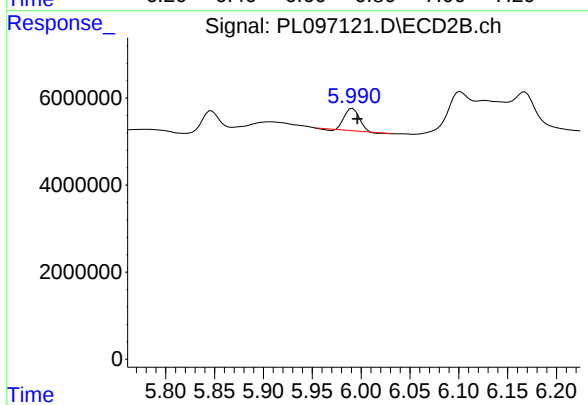
#14 Endrin

R.T.: 5.699 min
Delta R.T.: -0.005 min
Response: 6961365
Conc: 1.18 ng/ml



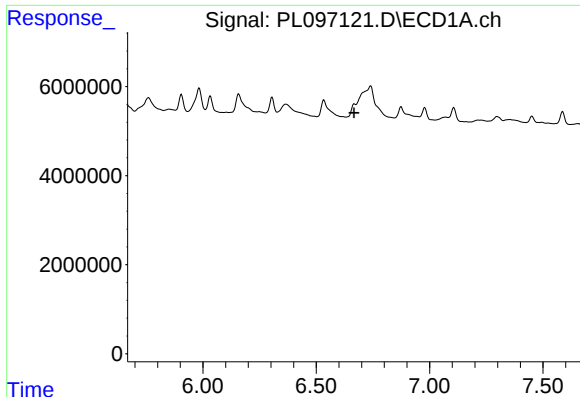
#15 Endosulfan II

R.T.: 6.740 min
Delta R.T.: -0.007 min
Response: 35477405
Conc: 8.05 ng/ml



#15 Endosulfan II

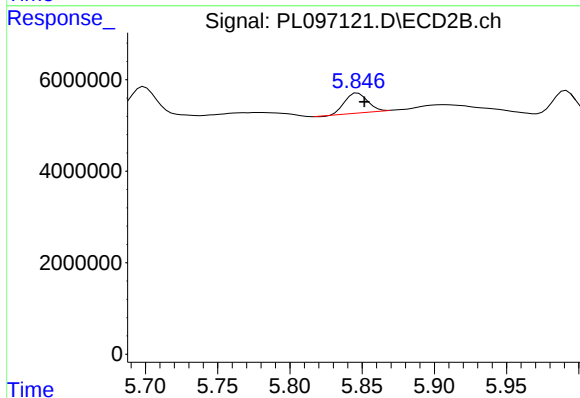
R.T.: 5.991 min
Delta R.T.: -0.005 min
Response: 5386694
Conc: 0.94 ng/ml



#16 4,4'-DDD

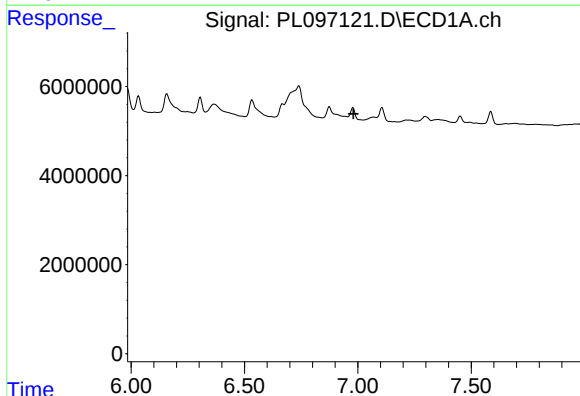
R.T.: 0.000 min
Exp R.T.: 6.667 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



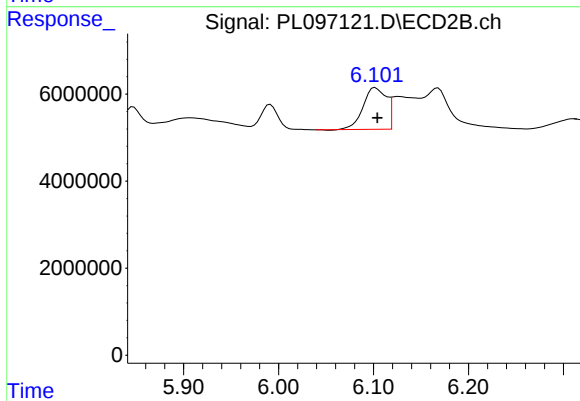
#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.004 min
Response: 4711587
Conc: 0.90 ng/ml



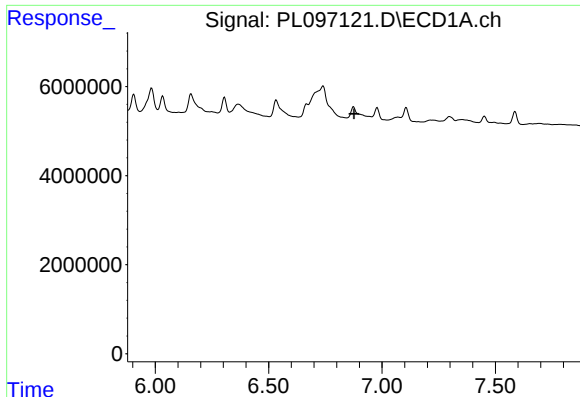
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 6.981 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

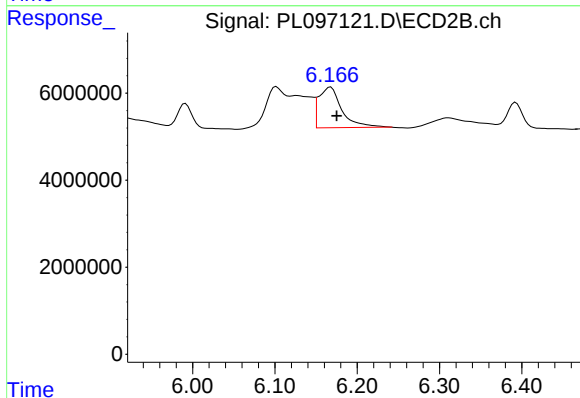
R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 16266617
Conc: 2.97 ng/ml



#18 Endrin aldehyde

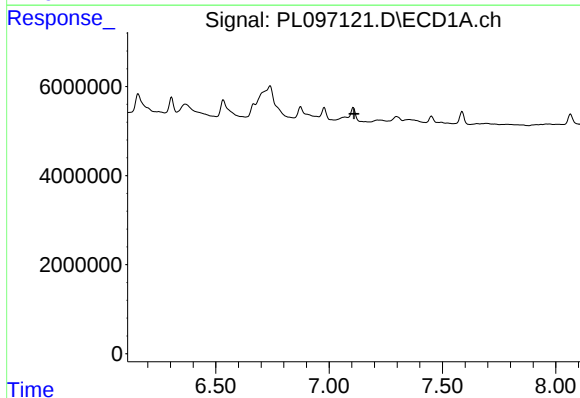
R.T.: 0.000 min
Exp R.T.: 6.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



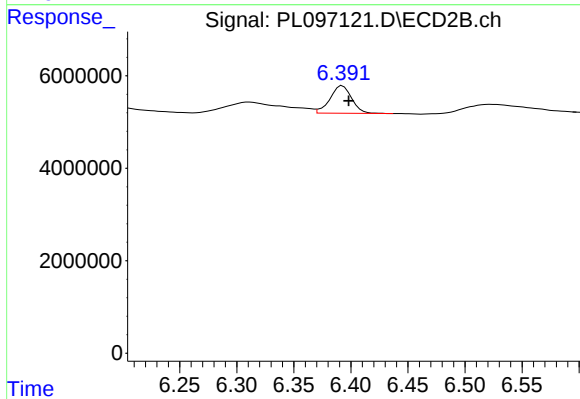
#18 Endrin aldehyde

R.T.: 6.168 min
Delta R.T.: -0.007 min
Response: 18251906
Conc: 3.80 ng/ml



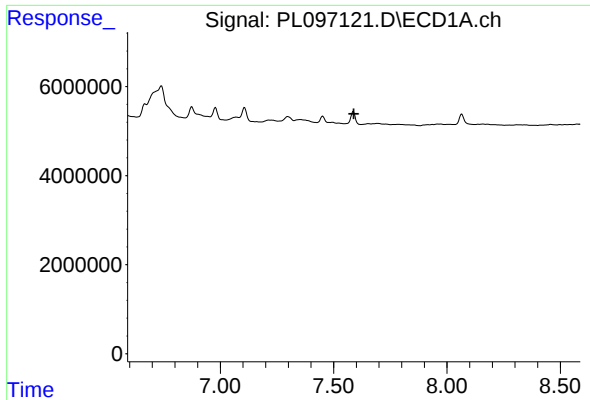
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

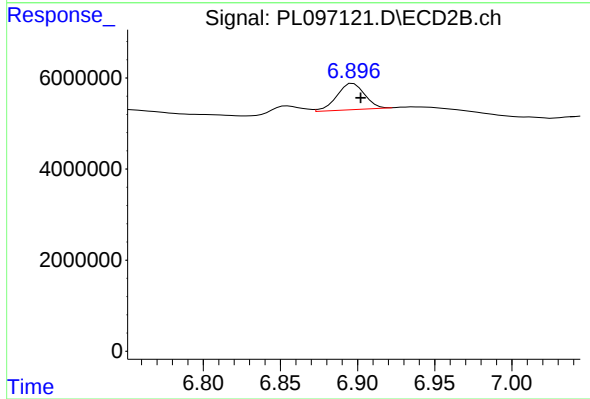
R.T.: 6.393 min
Delta R.T.: -0.005 min
Response: 7933183
Conc: 1.42 ng/ml



#21 Endrin ketone

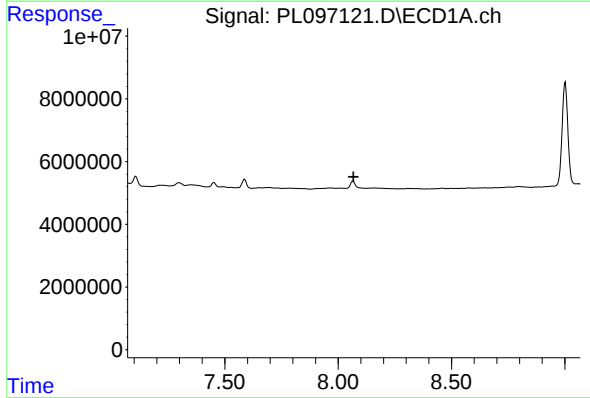
R.T.: 0.000 min
Exp R.T.: 7.589 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



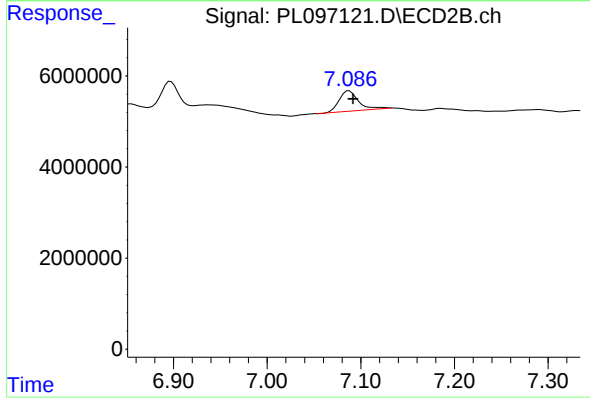
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.005 min
Response: 7211233
Conc: 1.15 ng/ml



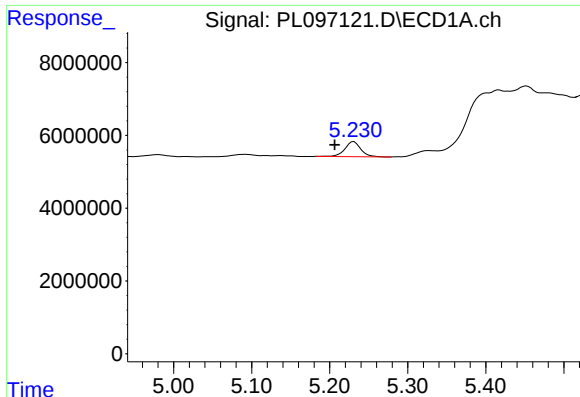
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.068 min
Response: 0
Conc: N.D.



#22 Mirex

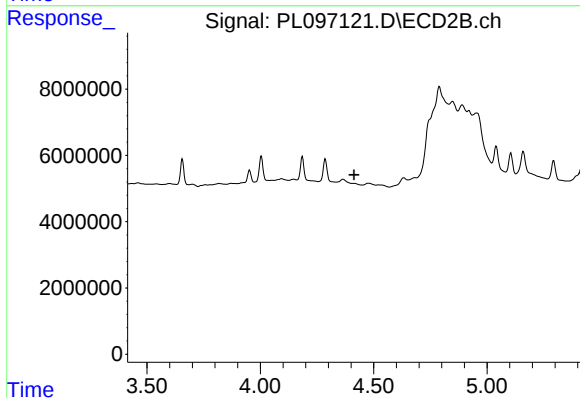
R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 6323550
Conc: 1.30 ng/ml



#24 Chlordane-2

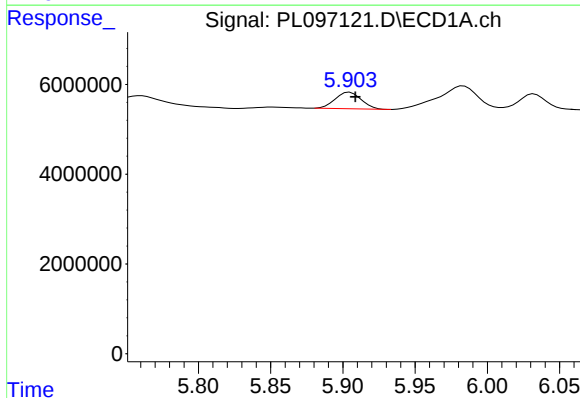
R.T.: 5.231 min
Delta R.T.: 0.025 min
Response: 5887070
Conc: 32.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



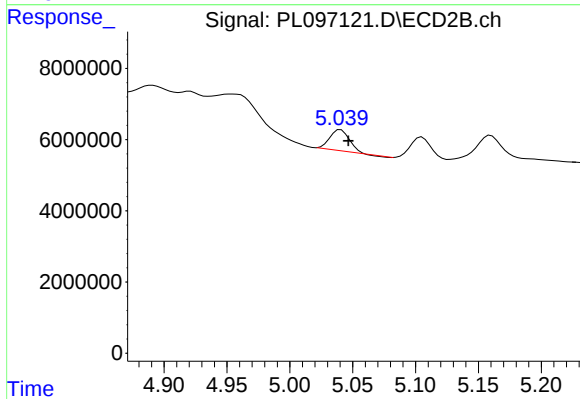
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.413 min
Response: 0
Conc: N.D.



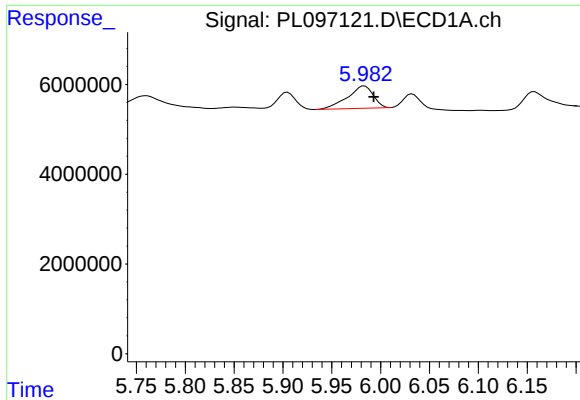
#25 Chlordane-3

R.T.: 5.905 min
Delta R.T.: -0.004 min
Response: 4647380
Conc: 7.39 ng/ml



#25 Chlordane-3

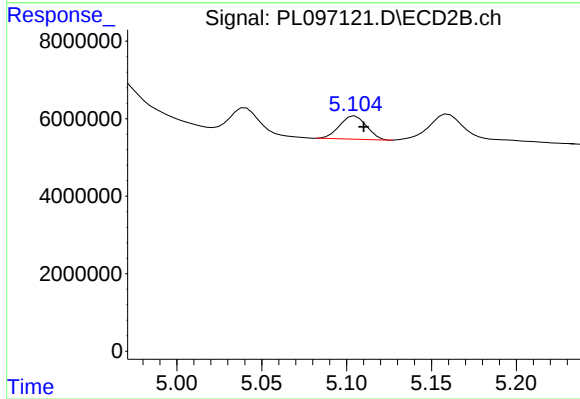
R.T.: 5.040 min
Delta R.T.: -0.006 min
Response: 6344358
Conc: 10.07 ng/ml



#26 Chlordane-4

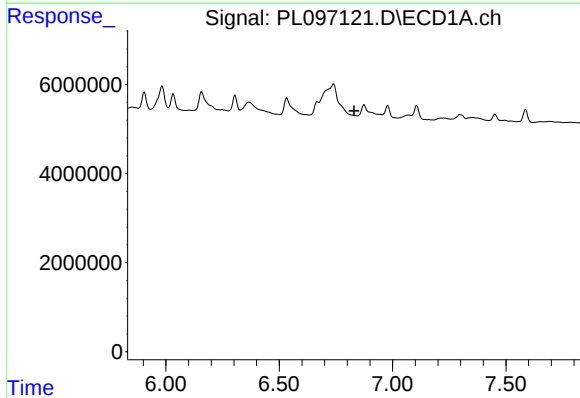
R.T.: 5.984 min
Delta R.T.: -0.009 min
Response: 9132704
Conc: 11.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



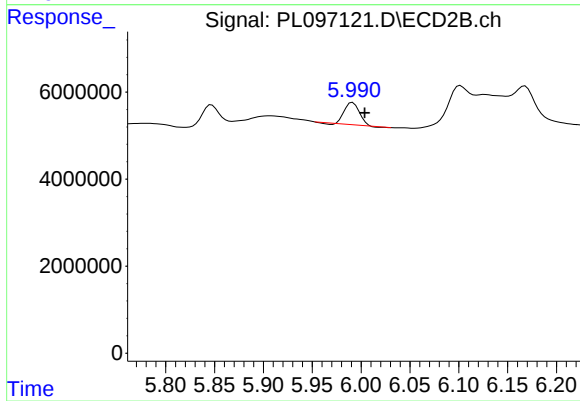
#26 Chlordane-4

R.T.: 5.105 min
Delta R.T.: -0.005 min
Response: 6652398
Conc: 11.93 ng/ml



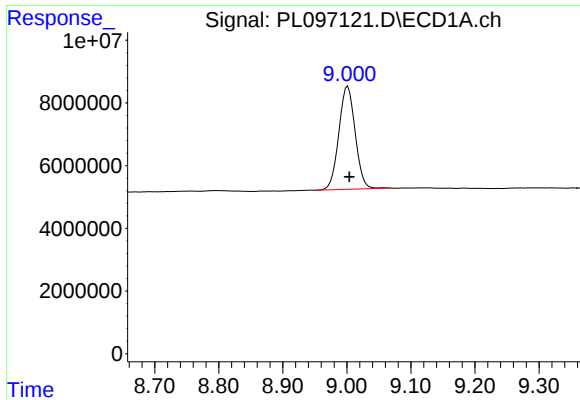
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.830 min
Response: 0
Conc: N.D.



#27 Chlordane-5

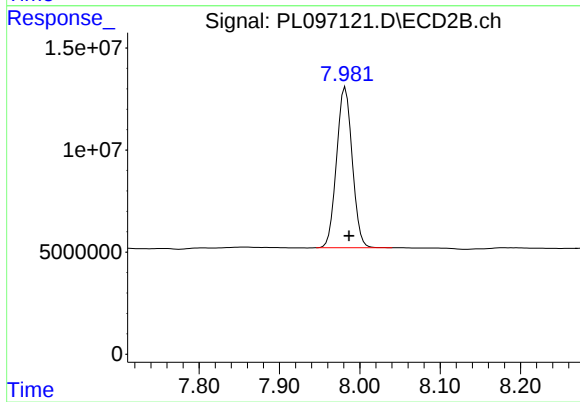
R.T.: 5.991 min
Delta R.T.: -0.012 min
Response: 5386694
Conc: 23.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.002 min
Response: 58310229
Conc: 19.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.005 min
Response: 106656095
Conc: 22.24 ng/ml