Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
Data File : PL097889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 17:26
Operator : AR\AJ
Sample : Q3530-07
Misc : PEST LOD 1PPB
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 00:49:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 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... | 3.496 | 2.798 | 110.6E6 | 158.7E6 | 21.910 | 22.726 | |
| 28) | SA Decachlor... | 8.954 | 7.945 | 80832181 | 145.9E6 | 21.274 | 22.184 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 3.942 | 3.300 | 8400324 | 11228975 | 0.993 | 0.979 | |
| 3) | MA gamma-BHC... | 4.270 | 3.630 | 8602291 | 10572217 | 1.073 | 0.983 | |
| 4) | MA Heptachlor | 4.859 | 3.976 | 8954217 | 10177736 | 1.125 | 0.979 | |
| 5) | MB Aldrin | 5.198 | 4.257 | 7644944 | 11634260 | 1.055 | 1.176 | |
| 6) | B beta-BHC | 4.460 | 3.927 | 3560895 | 4695257 | 1.064 | 1.013 | |
| 7) | B delta-BHC | 4.705 | 4.158 | 11482299 | 10308096 | 1.482 | 0.965 | # |
| 8) | B Heptachlo... | 5.617 | 4.758 | 21217872 | 10434165 | 3.189 | 1.159 | # |
| 9) | A Endosulfan I | 5.999 | 5.128 | 6811000 | 27479431 | 1.157 | 2.697 | # |
| 10) | B gamma-Chl... | 5.872 | 5.009 | 7197315 | 36549056 | 1.109 | 3.588 | # |
| 11) | B alpha-Chl... | 5.951 | 5.074 | 7198476 | 28142314 | 1.109 | 2.744 | # |
| 12) | B 4,4'-DDE | 6.122 | 5.262 | 6235768 | 8417262 | 1.062 | 0.955 | |
| 13) | MA Dieldrin | 6.270 | 5.392 | 6459623 | 9860384 | 1.053 | 1.052 | |
| 14) | MA Endrin | 6.498 | 5.667 | 5009375 | 8814081 | 0.967 | 1.055 | |
| 15) | B Endosulfa... | 6.712 | 5.958 | 5913164 | 9702781 | 1.157 | 1.172 | |
| 16) | A 4,4'-DDD | 6.632 | 5.815 | 5519151 | 8853042 | 1.192 | 1.180 | |
| 18) | B Endrin al... | 0.000 | 6.137 | 0 | 7689023 | N.D. | 1.204 | # |
| 19) | B Endosulfa... | 7.075 | 6.360 | 6846092 | 9416855 | 1.381 | 1.157 | |
| 21) | B Endrin ke... | 7.552 | 6.863 | 9131087 | 10629595 | 1.757 | 1.192 | # |
| 22) | Mirex | 8.029 | 7.052 | 2793120 | 8997048 | 0.810 | 1.394 | # |
| 24) | Chlordane-2 | 5.198f | 0.000 | 7644944 | 0 | 31.644 | N.D. | # |
| 25) | Chlordane-3 | 5.872 | 5.009 | 7197315 | 36549056 | 8.157 | 41.859 | # |
| 26) | Chlordane-4 | 5.951 | 5.074 | 7198476 | 28142314 | 6.798 | 34.860 | # |
| 27) | Chlordane-5 | 0.000 | 5.958 | 0 | 9702781 | N.D. | 29.494 | # |

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

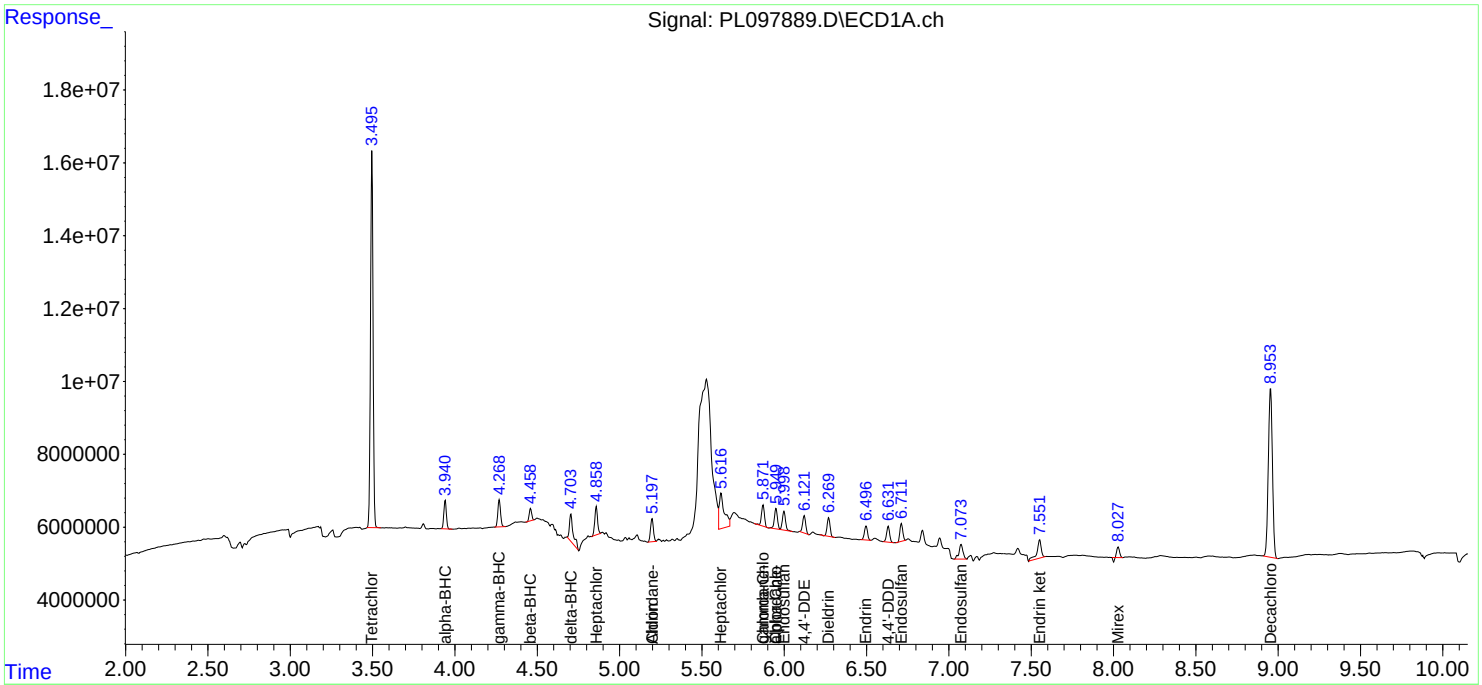
Quantitation Report (Not Reviewed)

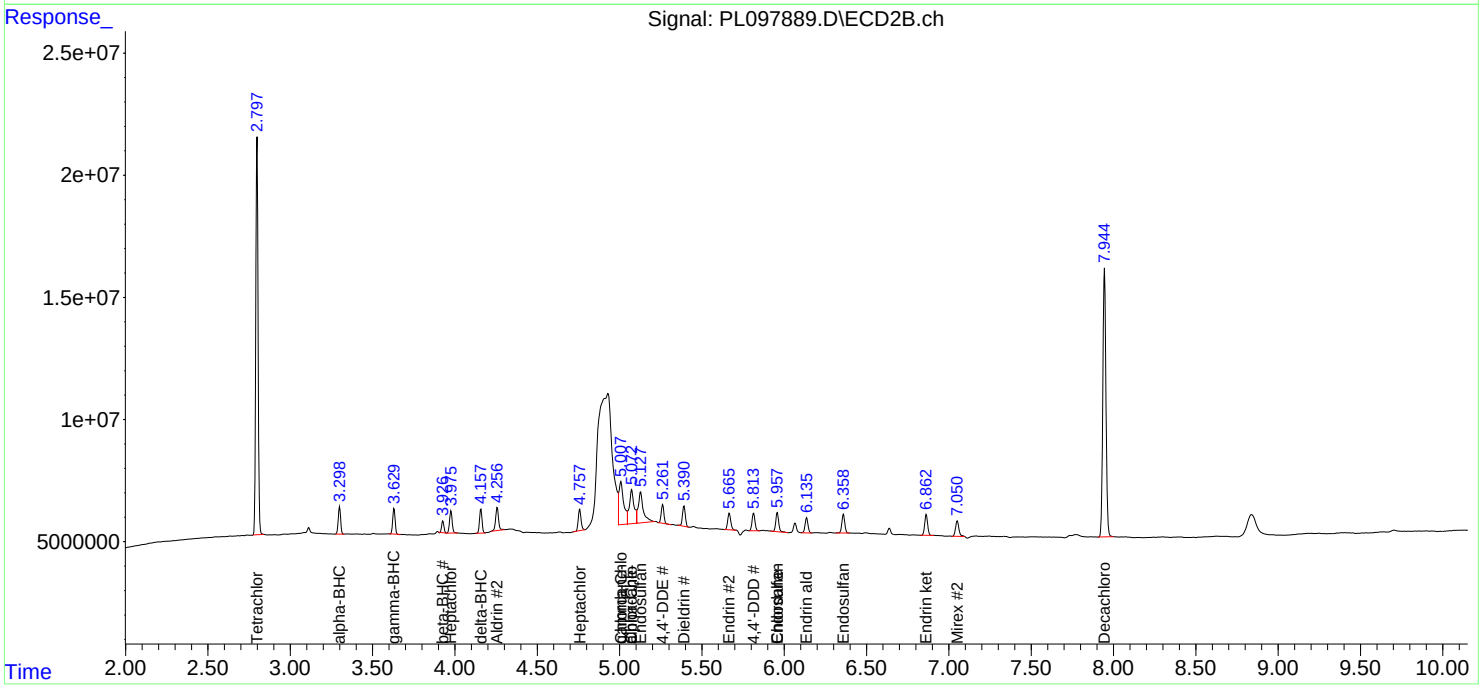
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
Data File : PL097889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 17:26
Operator : AR\AJ
Sample : Q3530-07
Misc : PEST LOD 1PPB
ALS Vial : 19 Sample Multiplier: 1

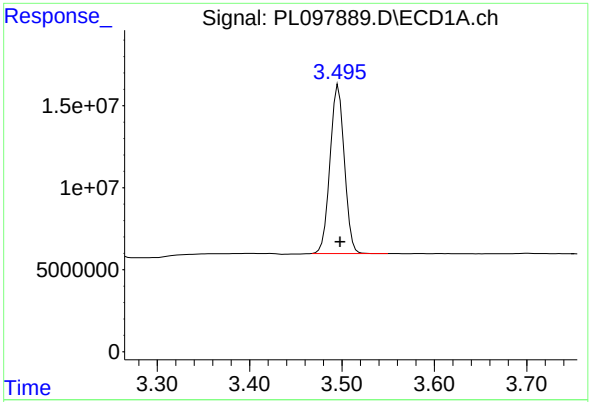
**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 00:49:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 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



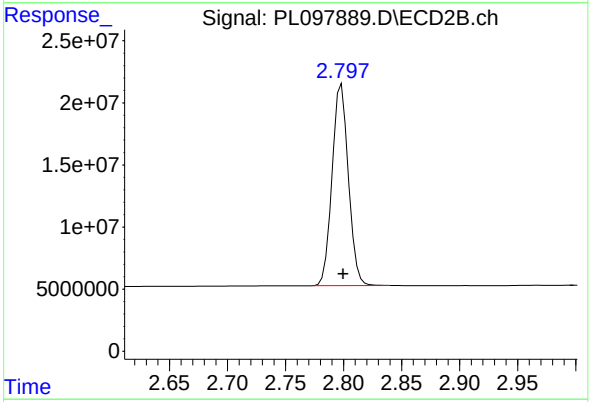






#1 Tetrachloro-m-xylene

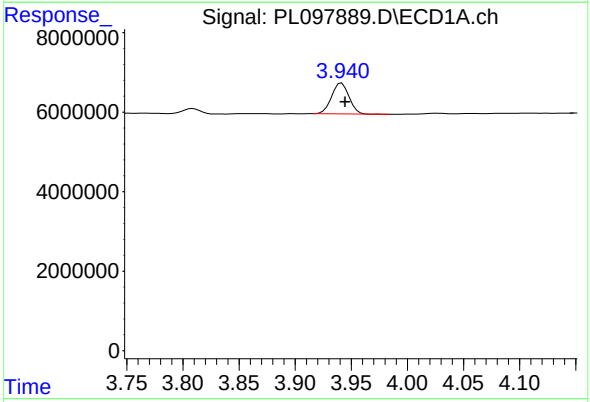
R.T.: 3.496 min
Delta R.T.: -0.002 min
Response: 110577915
Conc: 21.91 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025



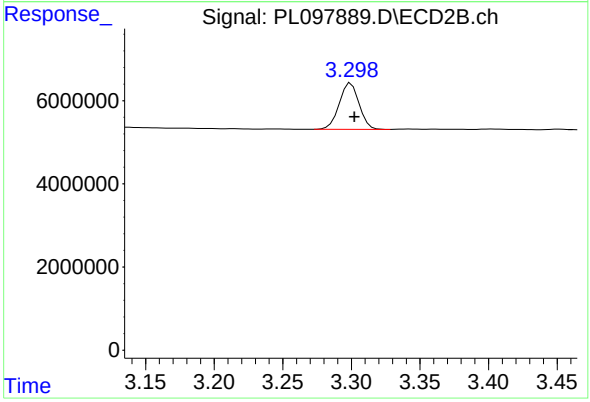

#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: -0.001 min
Response: 158748297
Conc: 22.73 ng/ml



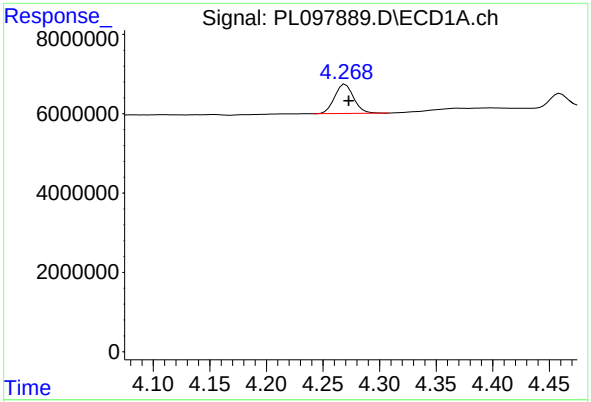

#2 alpha-BHC

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 8400324
Conc: 0.99 ng/ml




#2 alpha-BHC

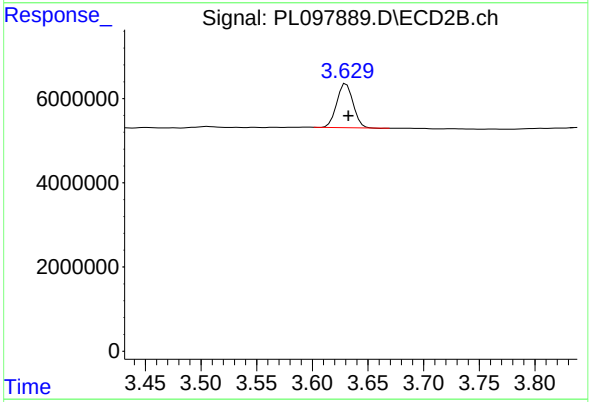
R.T.: 3.300 min
Delta R.T.: -0.002 min
Response: 11228975
Conc: 0.98 ng/ml




#3 gamma-BHC (Lindane)

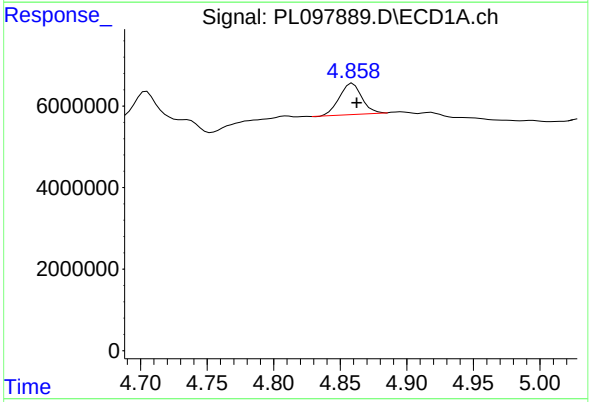
R.T.: 4.270 min
Delta R.T.: -0.003 min
Response: 8602291
Conc: 1.07 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025



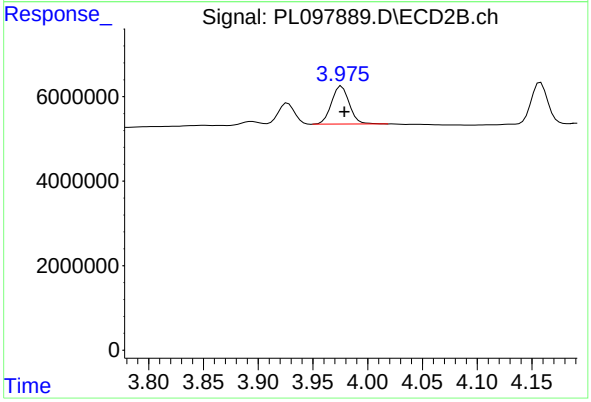

#3 gamma-BHC (Lindane)

R.T.: 3.630 min
Delta R.T.: -0.002 min
Response: 10572217
Conc: 0.98 ng/ml



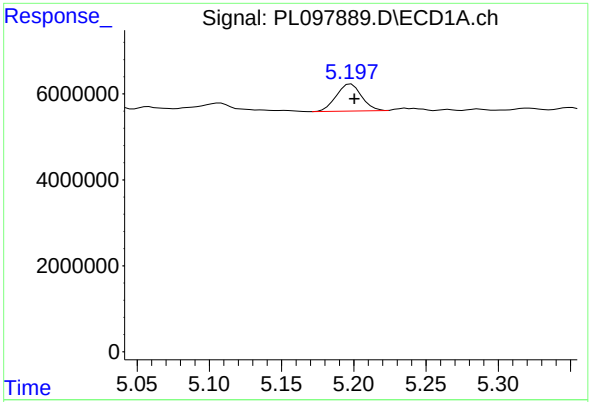

#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 8954217
Conc: 1.12 ng/ml




#4 Heptachlor

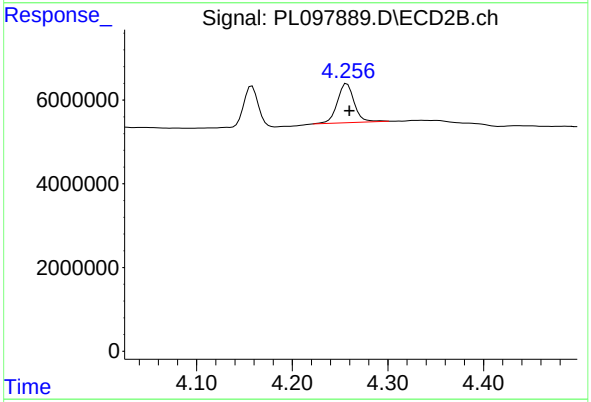
R.T.: 3.976 min
Delta R.T.: -0.002 min
Response: 10177736
Conc: 0.98 ng/ml




#5 Aldrin

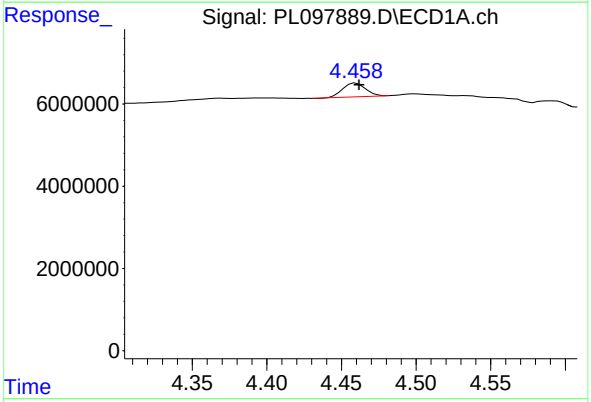
R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 7644944
Conc: 1.06 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025



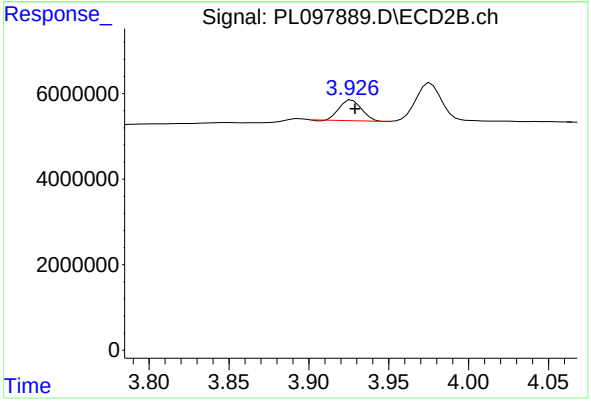

#5 Aldrin

R.T.: 4.257 min
Delta R.T.: -0.002 min
Response: 11634260
Conc: 1.18 ng/ml



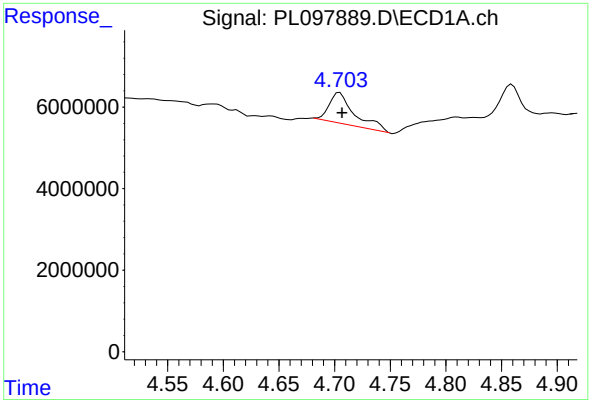

#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 3560895
Conc: 1.06 ng/ml




#6 beta-BHC

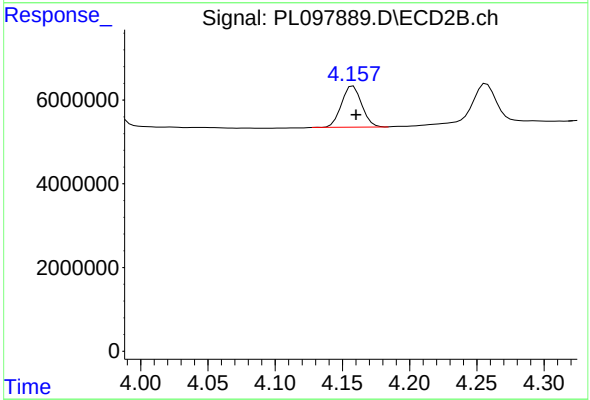
R.T.: 3.927 min
Delta R.T.: -0.002 min
Response: 4695257
Conc: 1.01 ng/ml




#7 delta-BHC

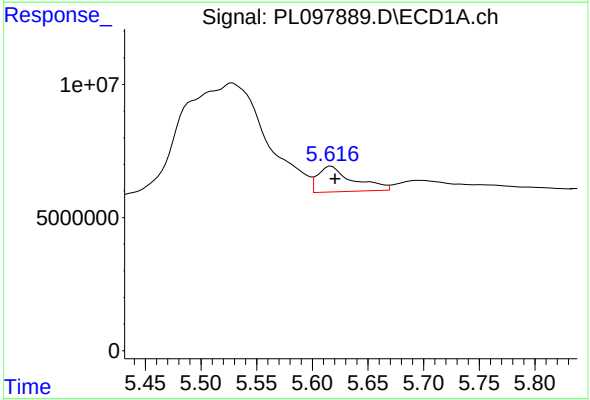
R.T.: 4.705 min
Delta R.T.: -0.002 min
Response: 11482299
Conc: 1.48 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025



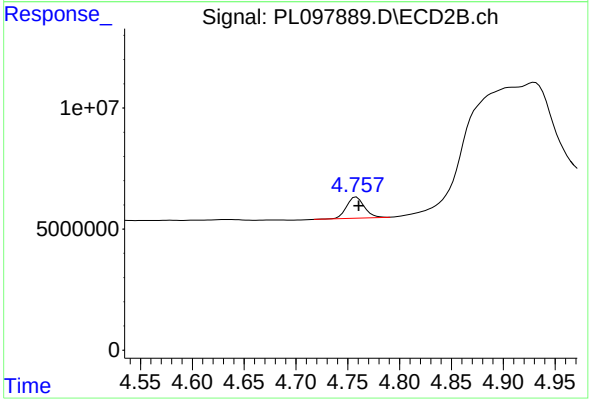

#7 delta-BHC

R.T.: 4.158 min
Delta R.T.: -0.002 min
Response: 10308096
Conc: 0.96 ng/ml



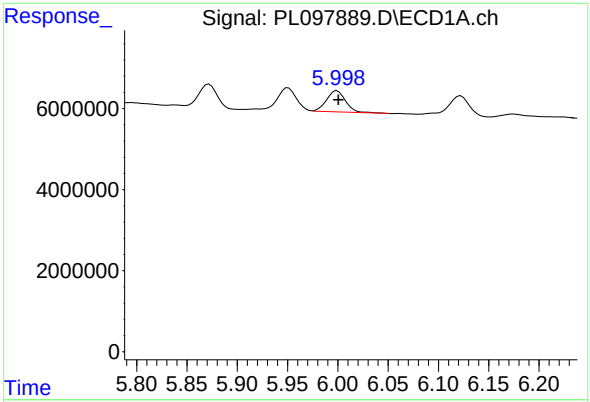

#8 Heptachlor epoxide

R.T.: 5.617 min
Delta R.T.: -0.003 min
Response: 21217872
Conc: 3.19 ng/ml




#8 Heptachlor epoxide

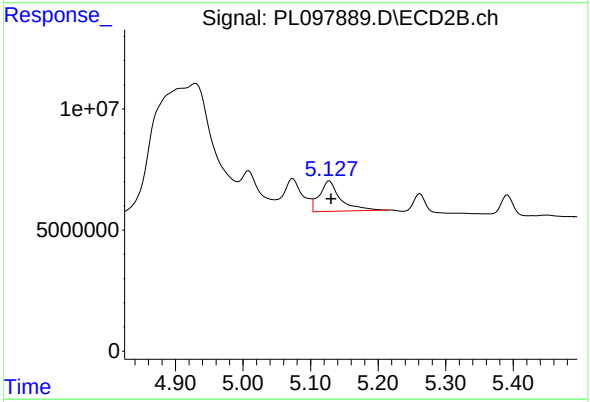
R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 10434165
Conc: 1.16 ng/ml




#9 Endosulfan I

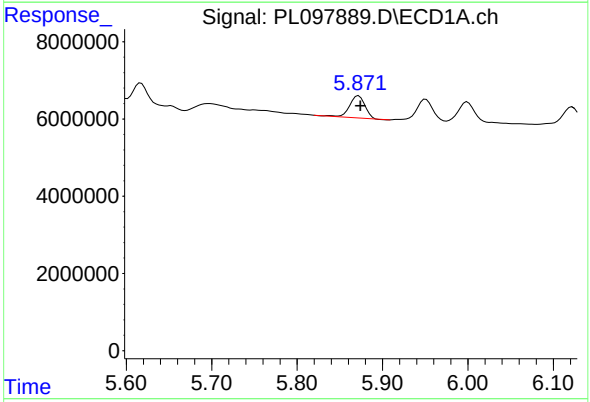
R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 6811000
Conc: 1.16 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025



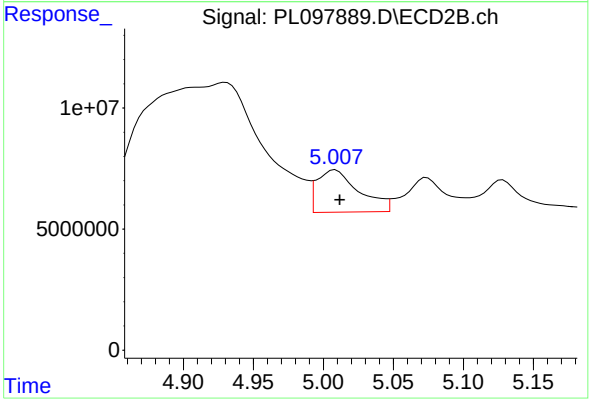

#9 Endosulfan I

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 27479431
Conc: 2.70 ng/ml



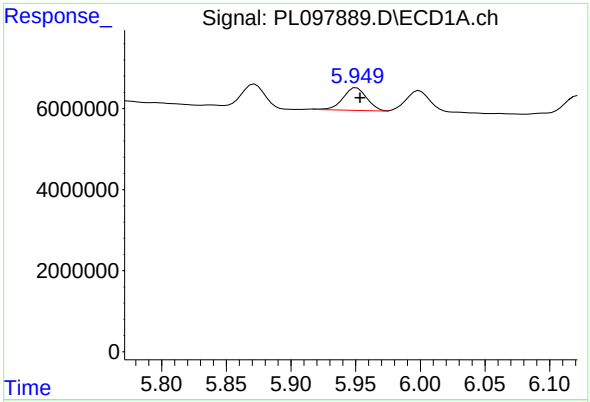

#10 gamma-Chlordane

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 7197315
Conc: 1.11 ng/ml




#10 gamma-Chlordane

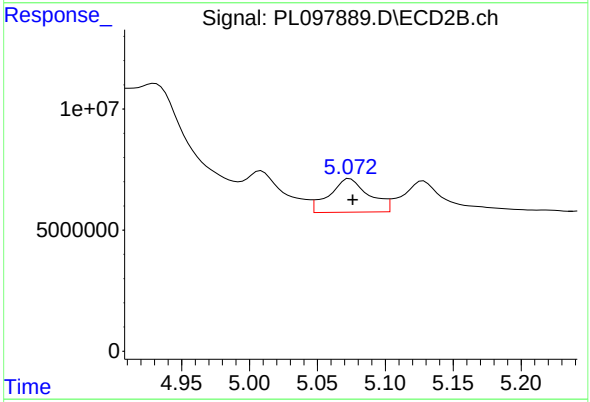
R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 36549056
Conc: 3.59 ng/ml




#11 alpha-Chlordane

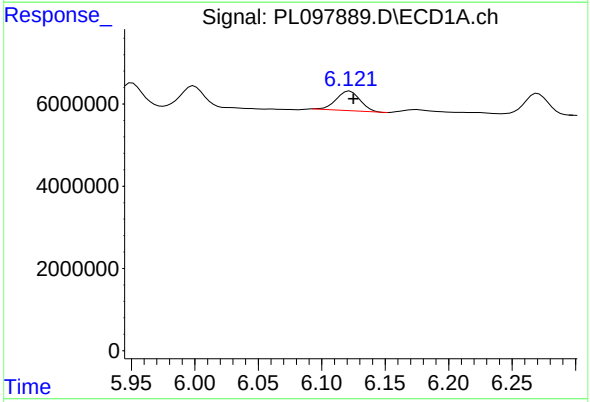
R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 7198476
Conc: 1.11 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025



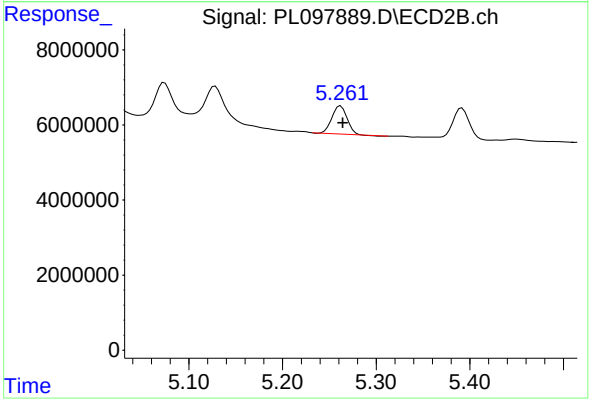

#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 28142314
Conc: 2.74 ng/ml



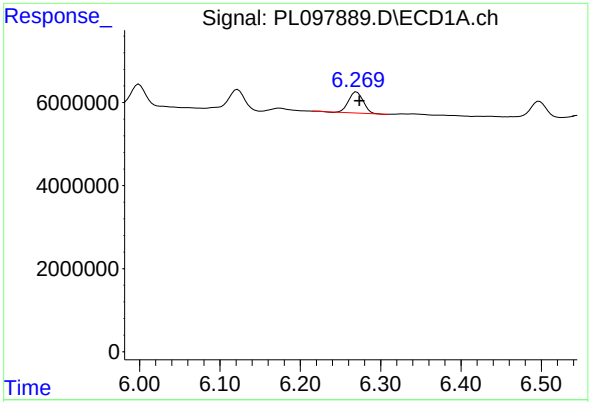

#12 4,4'-DDE

R.T.: 6.122 min
Delta R.T.: -0.003 min
Response: 6235768
Conc: 1.06 ng/ml




#12 4,4'-DDE

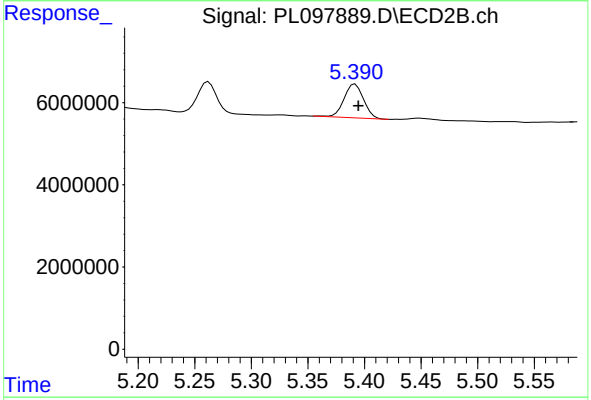
R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 8417262
Conc: 0.96 ng/ml




#13 Dieldrin

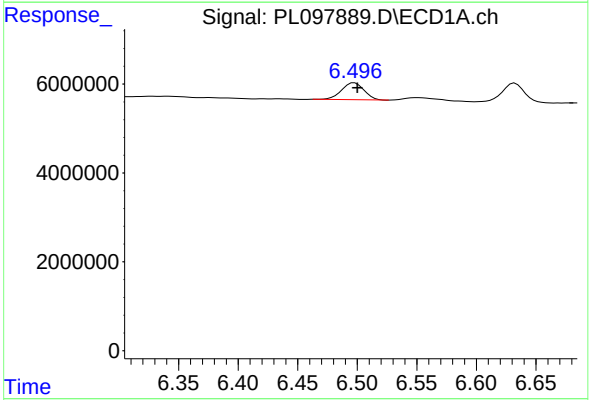
R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 6459623
Conc: 1.05 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025



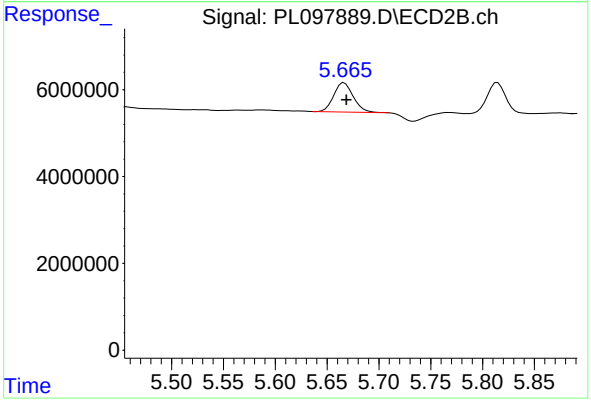

#13 Dieldrin

R.T.: 5.392 min
Delta R.T.: -0.003 min
Response: 9860384
Conc: 1.05 ng/ml



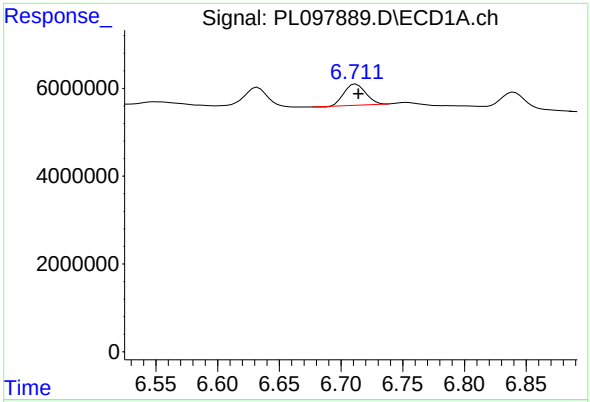

#14 Endrin

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 5009375
Conc: 0.97 ng/ml




#14 Endrin

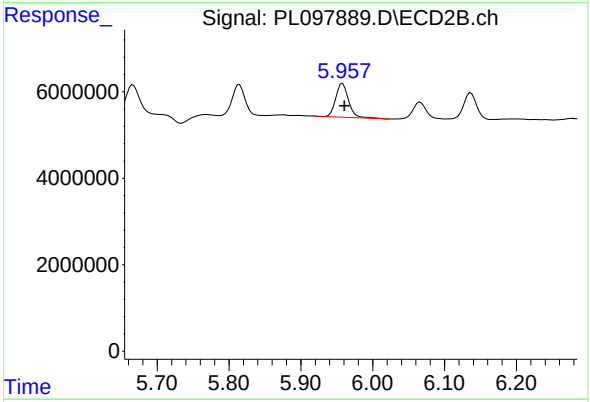
R.T.: 5.667 min
Delta R.T.: -0.002 min
Response: 8814081
Conc: 1.05 ng/ml




#15 Endosulfan II

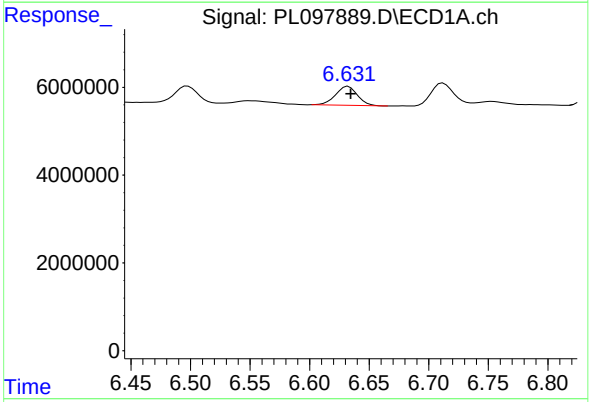
R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 5913164
Conc: 1.16 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025



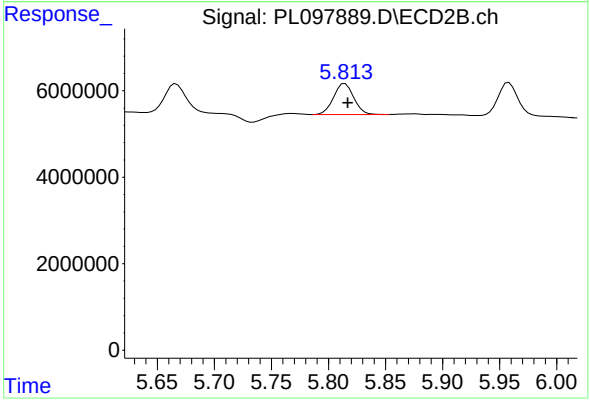

#15 Endosulfan II

R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 9702781
Conc: 1.17 ng/ml



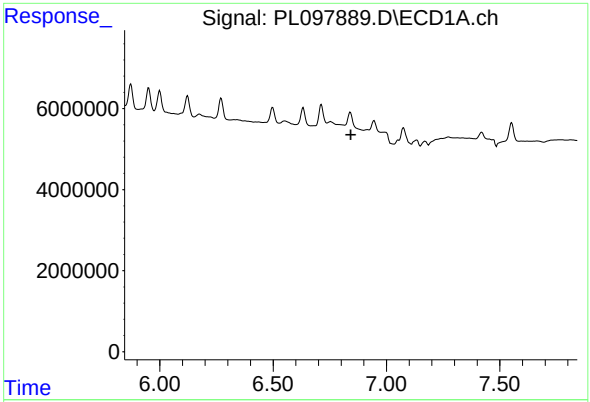

#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: -0.002 min
Response: 5519151
Conc: 1.19 ng/ml




#16 4,4'-DDD

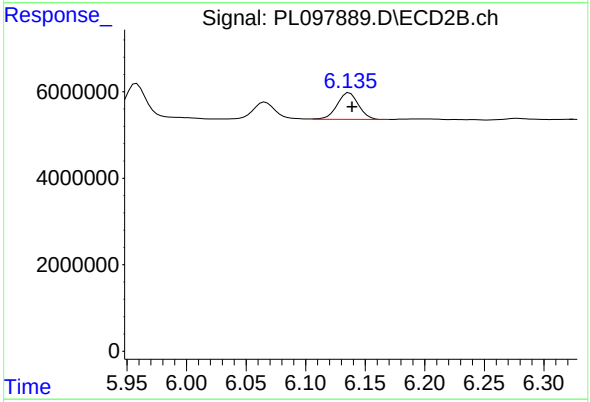
R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 8853042
Conc: 1.18 ng/ml




#18 Endrin aldehyde

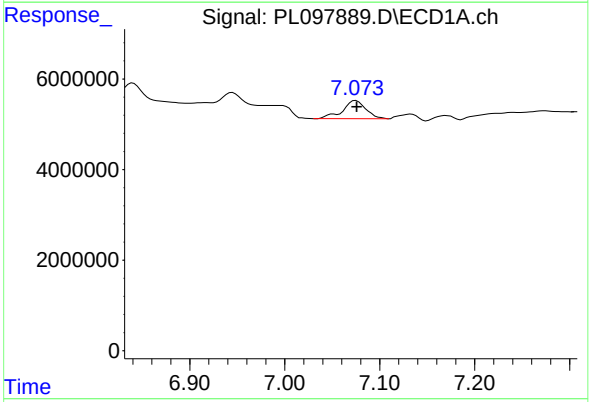
R.T.: 0.000 min
Exp R.T. : 6.843 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025



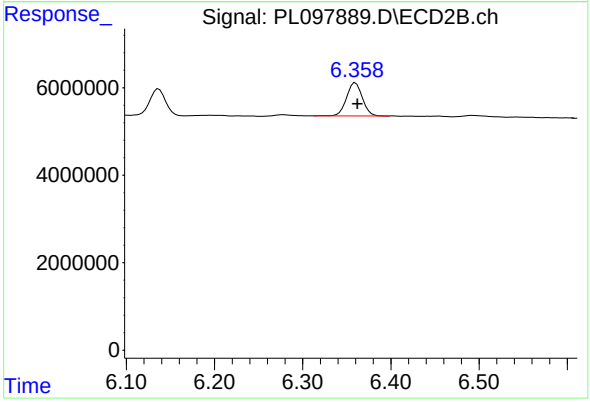

#18 Endrin aldehyde

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 7689023
Conc: 1.20 ng/ml



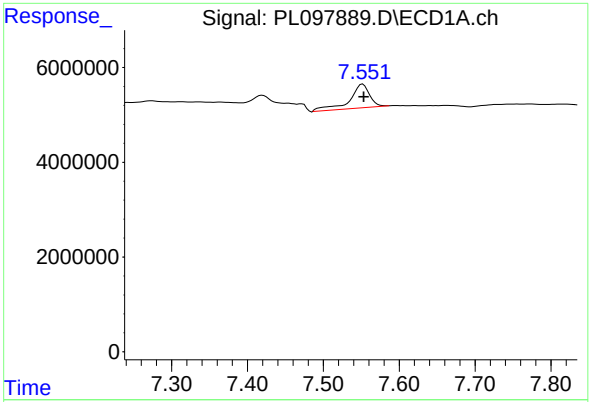

#19 Endosulfan Sulfate

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 6846092
Conc: 1.38 ng/ml




#19 Endosulfan Sulfate

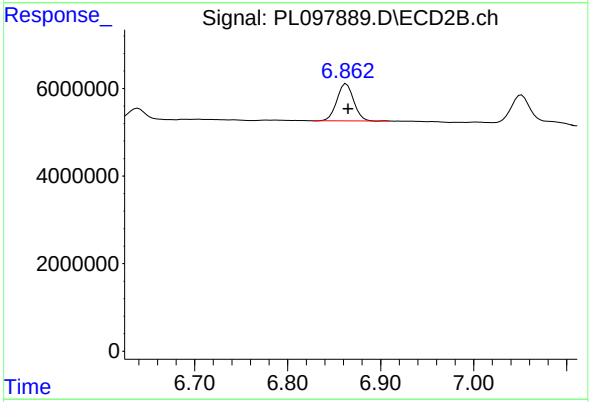
R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 9416855
Conc: 1.16 ng/ml




#21 Endrin ketone

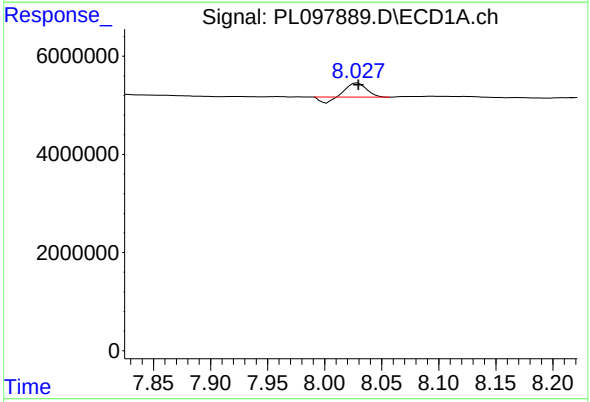
R.T.: 7.552 min
Delta R.T.: -0.001 min
Response: 9131087
Conc: 1.76 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025



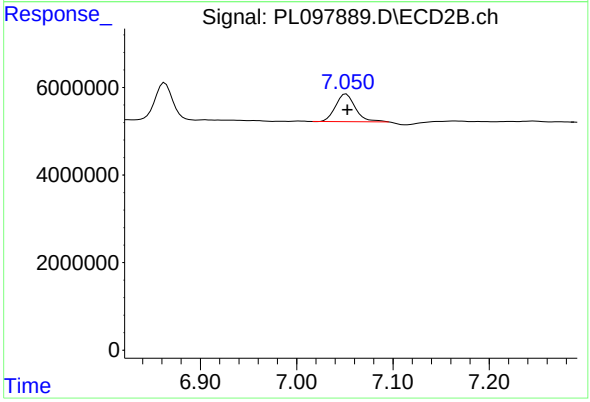

#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 10629595
Conc: 1.19 ng/ml



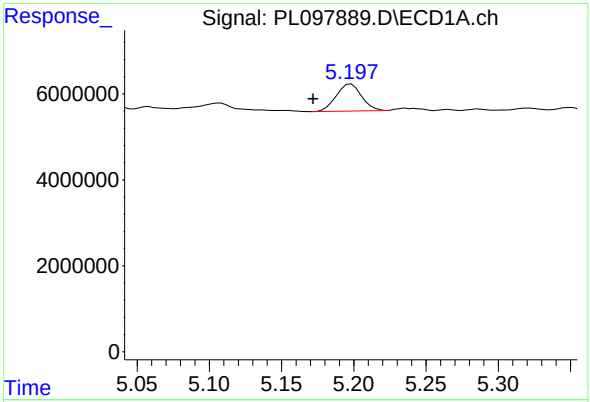

#22 Mirex

R.T.: 8.029 min
Delta R.T.: -0.001 min
Response: 2793120
Conc: 0.81 ng/ml




#22 Mirex

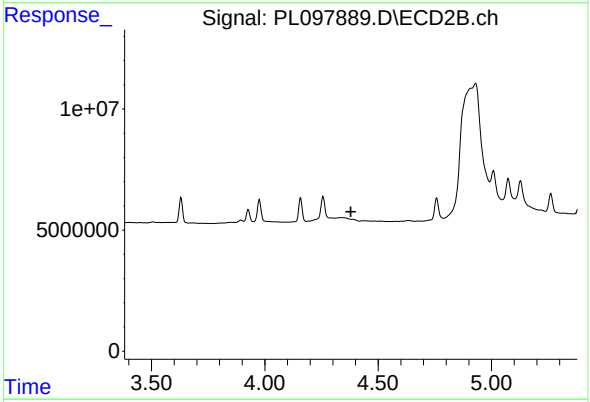
R.T.: 7.052 min
Delta R.T.: -0.001 min
Response: 8997048
Conc: 1.39 ng/ml




#24 Chlordane-2

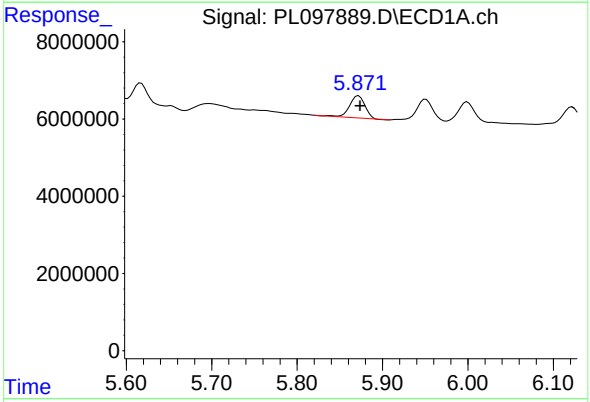
R.T.: 5.198 min
Delta R.T.: 0.026 min
Response: 7644944
Conc: 31.64 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025



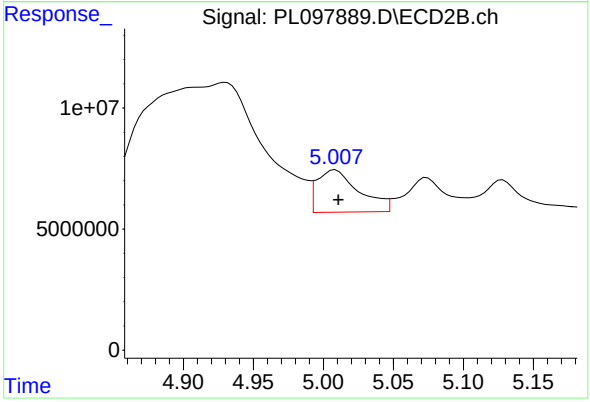

#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.379 min
Response: 0
Conc: N.D.



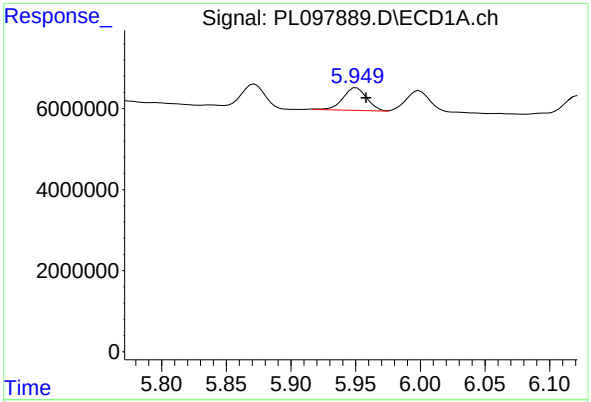

#25 Chlordane-3

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 7197315
Conc: 8.16 ng/ml




#25 Chlordane-3

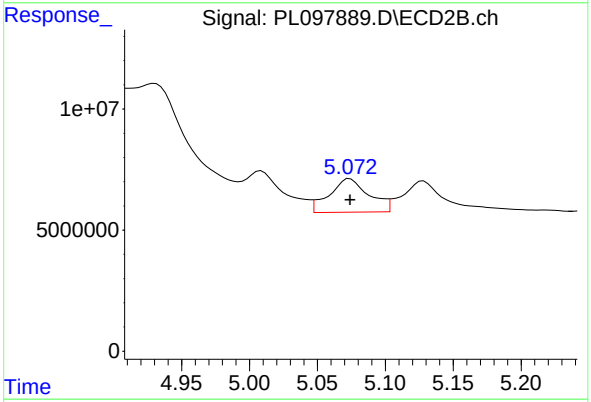
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 36549056
Conc: 41.86 ng/ml




#26 Chlordane-4

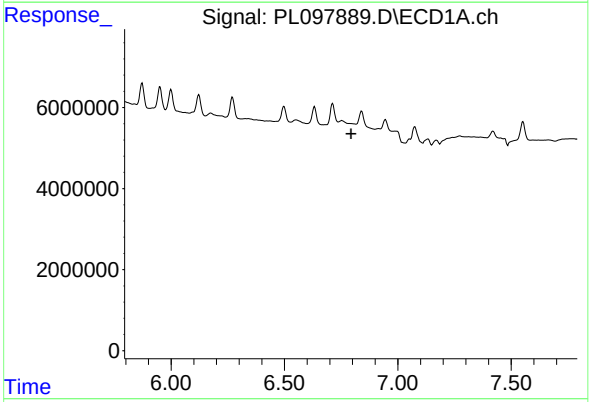
R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 7198476
Conc: 6.80 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025



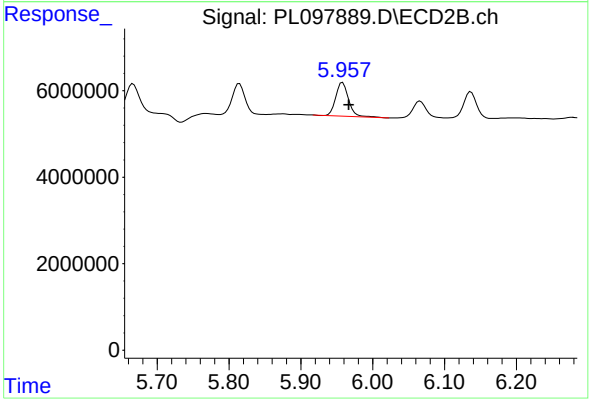

#26 Chlordane-4

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 28142314
Conc: 34.86 ng/ml



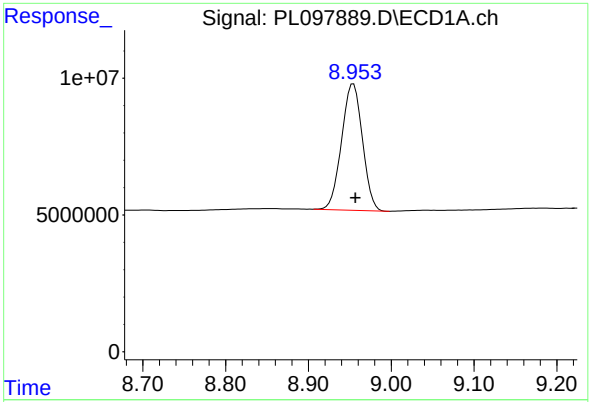

#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.794 min
Response: 0
Conc: N.D.




#27 Chlordane-5

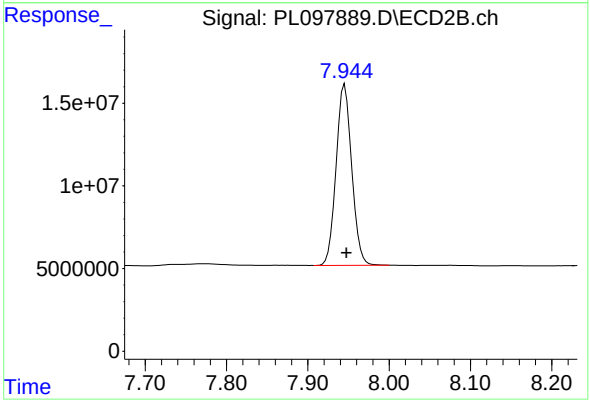
R.T.: 5.958 min
Delta R.T.: -0.008 min
Response: 9702781
Conc: 29.49 ng/ml




#28 Decachlorobiphenyl

R.T.: 8.954 min
Delta R.T.: -0.002 min
Response: 80832181
Conc: 21.27 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2025




#28 Decachlorobiphenyl

R.T.: 7.945 min
Delta R.T.: -0.002 min
Response: 145881278
Conc: 22.18 ng/ml