

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012925\  
 Data File : PL093848.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jan 2025 12:24  
 Operator : AR\AJ  
 Sample : Q1168-09  
 Misc : PEST MDL 1PPB  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MDL-WATER-03-QT1-2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 00:24:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 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... | 3.547 | 2.775 | 54041348 | 59647623 | 20.069 | 18.274   |
| 28)                         | SA Decachlor... | 9.071 | 7.917 | 48622762 | 77802117 | 23.243 | 22.203   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.003 | 3.278 | 4509373  | 4343774  | 1.176  | 0.888    |
| 3)                          | MA gamma-BHC... | 4.336 | 3.609 | 4353827  | 4028771  | 1.182  | 0.850 #  |
| 4)                          | MA Heptachlor   | 4.924 | 3.947 | 4425376  | 4677868  | 1.350  | 1.005 #  |
| 5)                          | MB Aldrin       | 5.265 | 4.227 | 4564762  | 4499386  | 1.395  | 0.986 #  |
| 6)                          | B beta-BHC      | 4.534 | 3.909 | 1942842  | 2711948  | 1.209  | 1.358    |
| 7)                          | B delta-BHC     | 4.780 | 4.138 | 6916137  | 4147473  | 1.973  | 0.873 #  |
| 8)                          | B Heptachlo...  | 5.693 | 4.730 | 4058016  | 4481800  | 1.365  | 1.072    |
| 9)                          | A Endosulfan I  | 6.078 | 5.100 | 3480992  | 4446197  | 1.317  | 1.147    |
| 10)                         | B gamma-Chl...  | 5.948 | 4.981 | 3637783  | 6874052  | 1.305  | 1.622    |
| 11)                         | B alpha-Chl...  | 6.028 | 5.044 | 4085830  | 5661468  | 1.465  | 1.352    |
| 12)                         | B 4,4'-DDE      | 6.202 | 5.233 | 3795329  | 4455465  | 1.559  | 1.111 #  |
| 13)                         | MA Dieldrin     | 6.353 | 5.365 | 3942050  | 4598306  | 1.420  | 1.070    |
| 14)                         | MA Endrin       | 6.584 | 5.641 | 2834341  | 3641141  | 1.209  | 0.986    |
| 15)                         | B Endosulfa...  | 6.804 | 5.936 | 4001758  | 4498322  | 1.661  | 1.215 #  |
| 16)                         | A 4,4'-DDD      | 6.720 | 5.789 | 3002759  | 3478848  | 1.580  | 1.102 #  |
| 17)                         | MA 4,4'-DDT     | 7.034 | 6.039 | 3072256  | 3664120  | 1.558  | 1.126 #  |
| 18)                         | B Endrin al...  | 6.934 | 6.115 | 2854245  | 3774636  | 1.468  | 1.240    |
| 19)                         | B Endosulfa...  | 7.169 | 6.339 | 3421440  | 4125851  | 1.511  | 1.157    |
| 20)                         | A Methoxychlor  | 7.510 | 6.615 | 1295361  | 3072276  | 1.241  | 1.718 #  |
| 21)                         | B Endrin ke...  | 7.654 | 6.844 | 4082792  | 4826274  | 1.618  | 1.150 #  |
| 22)                         | Mirex           | 8.127 | 7.024 | 3251344  | 3316944  | 1.561  | 0.981 #  |
| 23)                         | Chlordane-1     | 0.000 | 3.779 | 0        | 89061    | N.D.   | 0.714 #  |
| 24)                         | Chlordane-2     | 0.000 | 4.337 | 0        | 204044   | N.D.   | 1.391 #  |
| 25)                         | Chlordane-3     | 5.948 | 4.981 | 3637783  | 6874052  | 9.274  | 15.809 # |
| 26)                         | Chlordane-4     | 6.028 | 5.044 | 4085830  | 5661468  | 8.691  | 13.363 # |
| 27)                         | Chlordane-5     | 0.000 | 5.936 | 0        | 4498322  | N.D.   | 29.370 # |
| -----                       |                 |       |       |          |          |        |          |

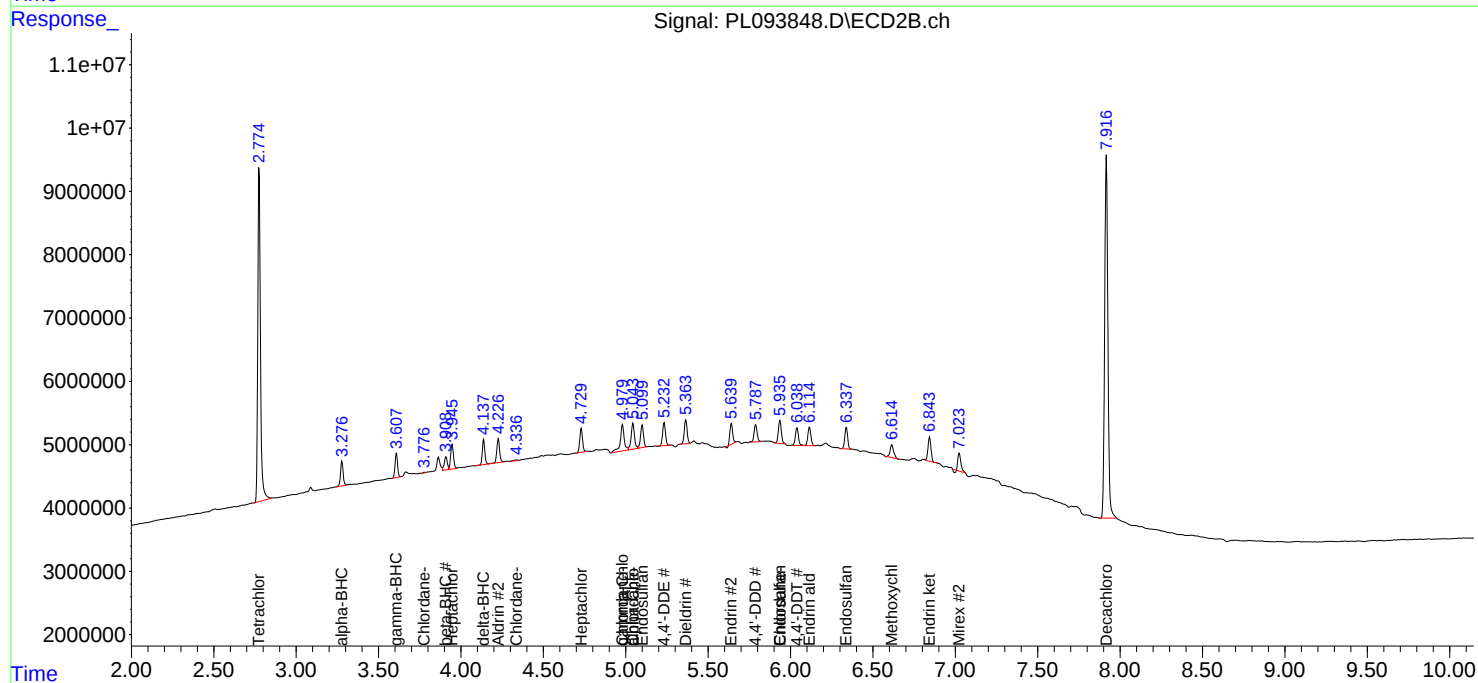
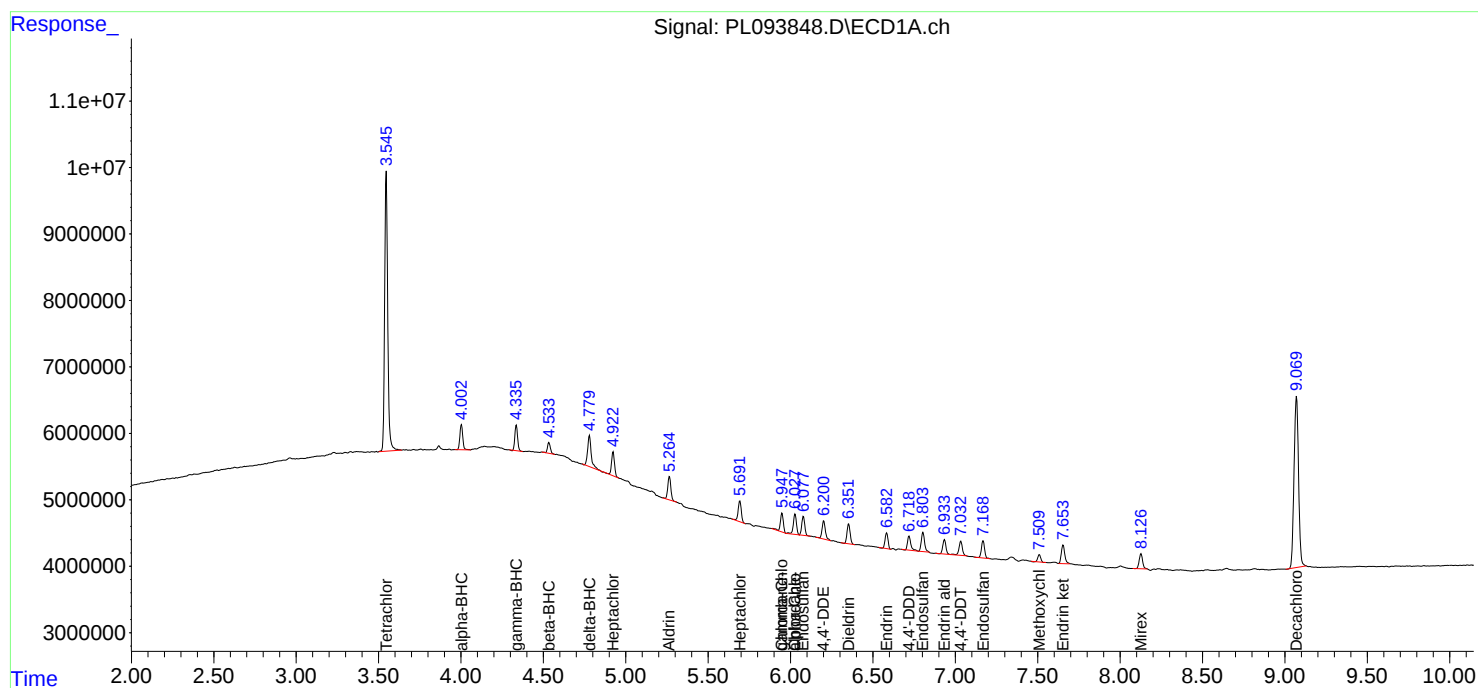
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

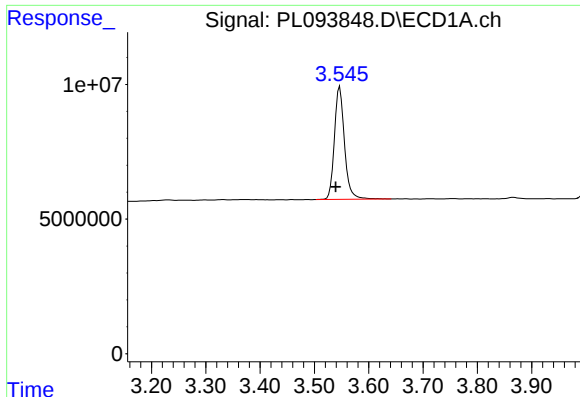
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012925\  
Data File : PL093848.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jan 2025 12:24  
Operator : AR\AJ  
Sample : Q1168-09  
Misc : PEST MDL 1PPB  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 30 00:24:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 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

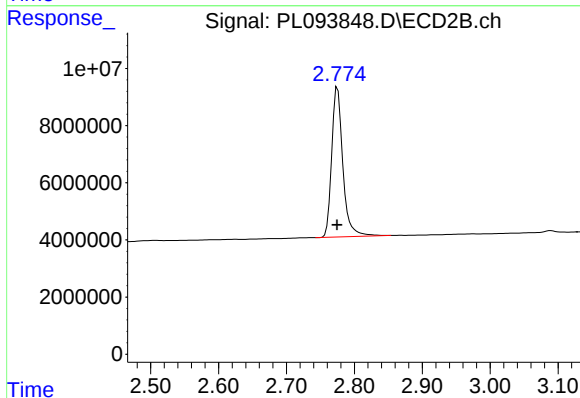




#1 Tetrachloro-m-xylene

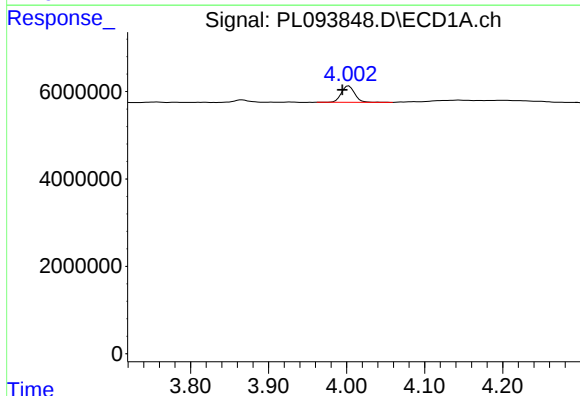
R.T.: 3.547 min  
Delta R.T.: 0.008 min  
Response: 54041348  
Conc: 20.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



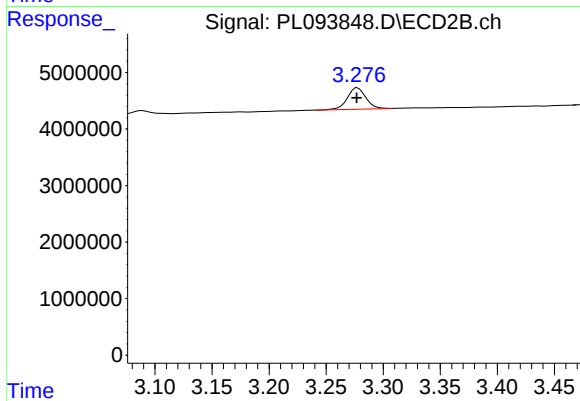
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: 0.000 min  
Response: 59647623  
Conc: 18.27 ng/ml



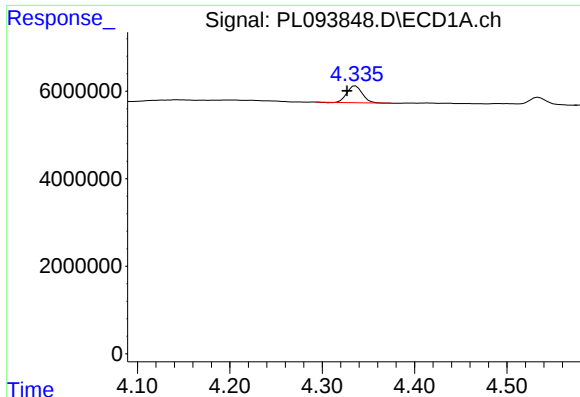
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: 0.008 min  
Response: 4509373  
Conc: 1.18 ng/ml



#2 alpha-BHC

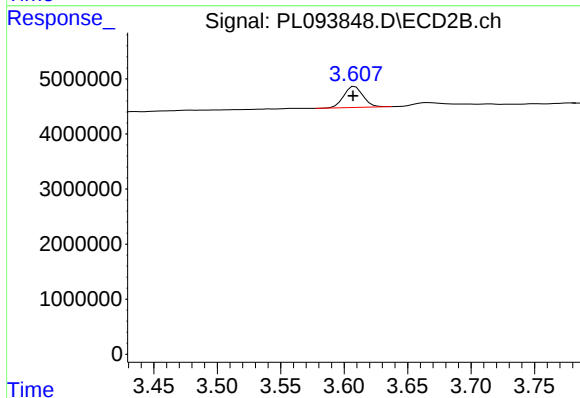
R.T.: 3.278 min  
Delta R.T.: 0.000 min  
Response: 4343774  
Conc: 0.89 ng/ml



#3 gamma-BHC (Lindane)

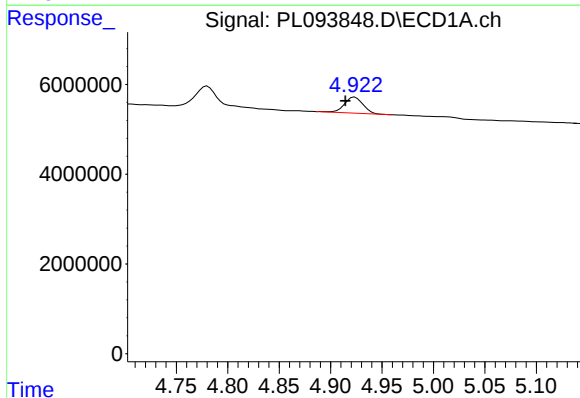
R.T.: 4.336 min  
Delta R.T.: 0.009 min  
Response: 4353827  
Conc: 1.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



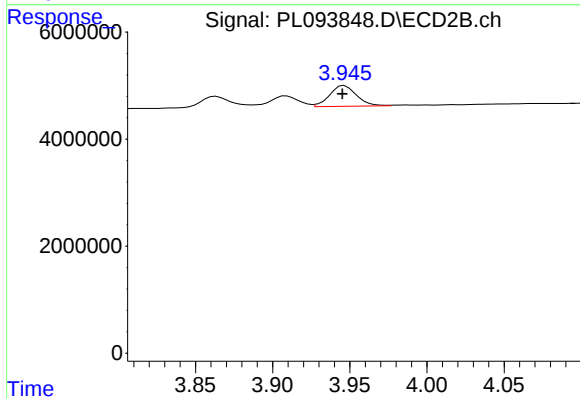
#3 gamma-BHC (Lindane)

R.T.: 3.609 min  
Delta R.T.: 0.002 min  
Response: 4028771  
Conc: 0.85 ng/ml



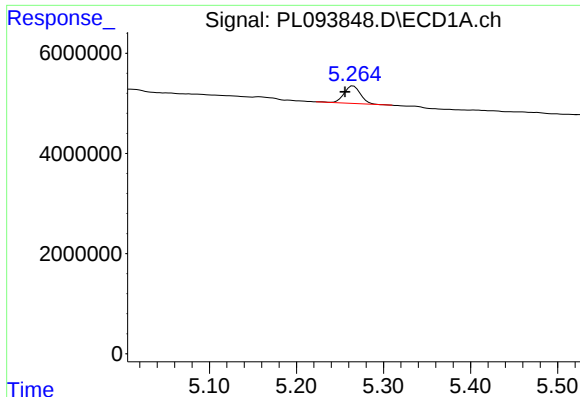
#4 Heptachlor

R.T.: 4.924 min  
Delta R.T.: 0.009 min  
Response: 4425376  
Conc: 1.35 ng/ml



#4 Heptachlor

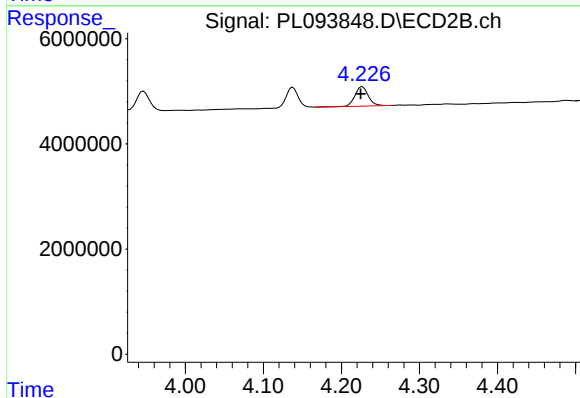
R.T.: 3.947 min  
Delta R.T.: 0.001 min  
Response: 4677868  
Conc: 1.00 ng/ml



#5 Aldrin

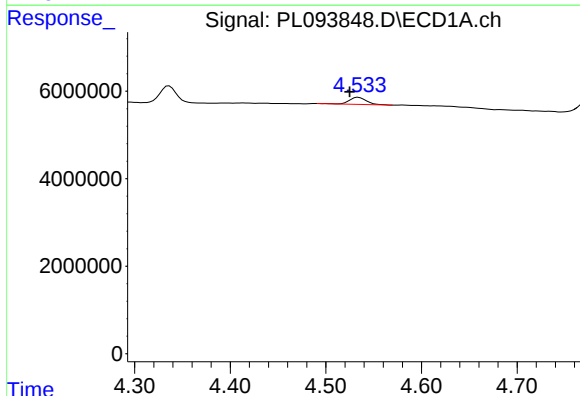
R.T.: 5.265 min  
Delta R.T.: 0.010 min  
Response: 4564762  
Conc: 1.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



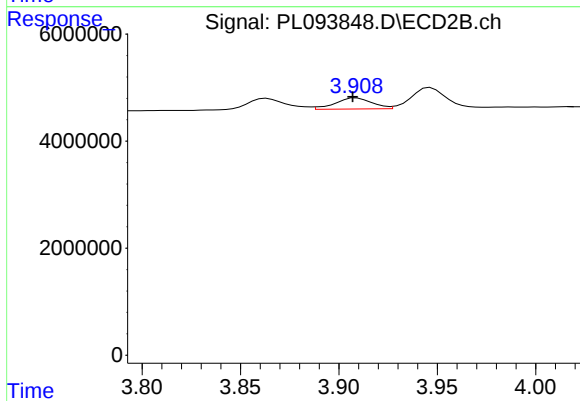
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: 0.002 min  
Response: 4499386  
Conc: 0.99 ng/ml



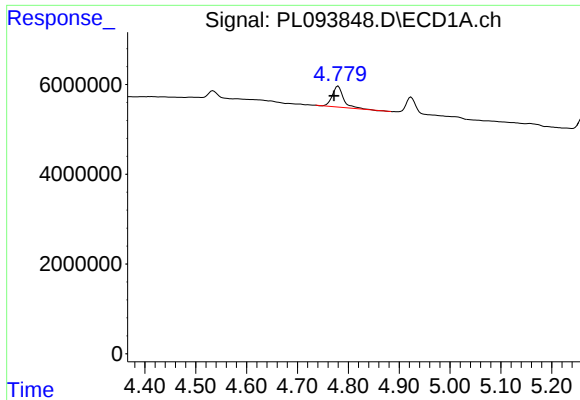
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.009 min  
Response: 1942842  
Conc: 1.21 ng/ml



#6 beta-BHC

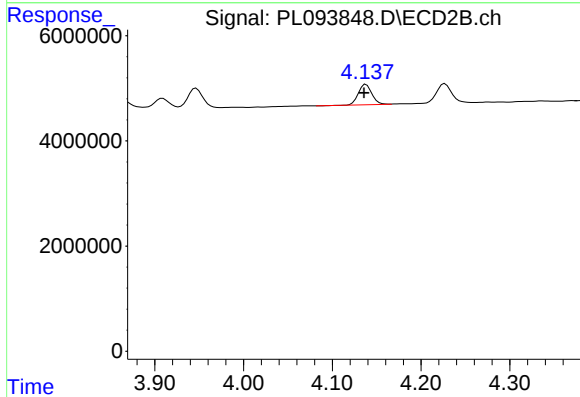
R.T.: 3.909 min  
Delta R.T.: 0.002 min  
Response: 2711948  
Conc: 1.36 ng/ml



#7 delta-BHC

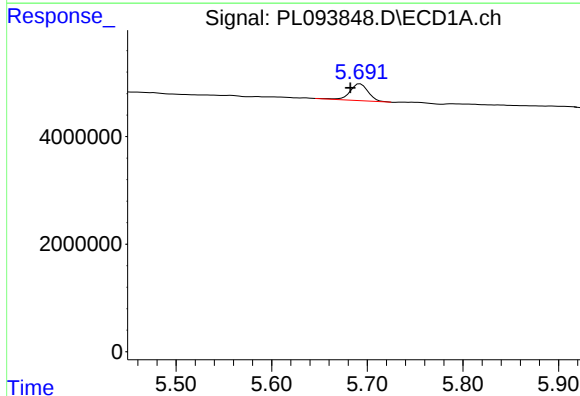
R.T.: 4.780 min  
Delta R.T.: 0.008 min  
Response: 6916137  
Conc: 1.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



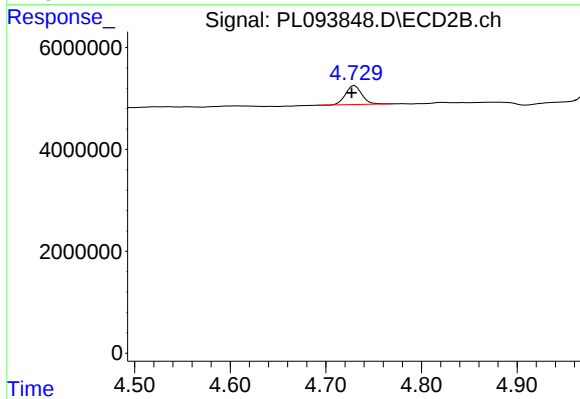
#7 delta-BHC

R.T.: 4.138 min  
Delta R.T.: 0.002 min  
Response: 4147473  
Conc: 0.87 ng/ml



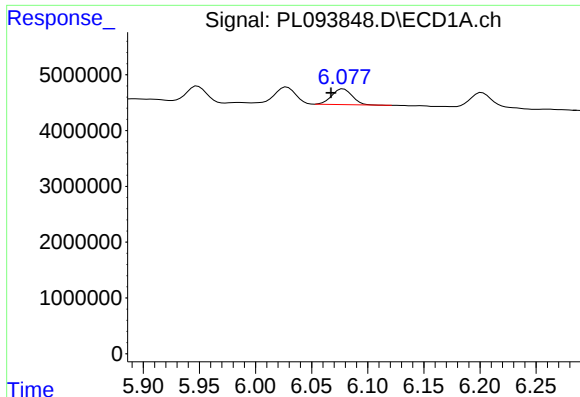
#8 Heptachlor epoxide

R.T.: 5.693 min  
Delta R.T.: 0.010 min  
Response: 4058016  
Conc: 1.36 ng/ml



#8 Heptachlor epoxide

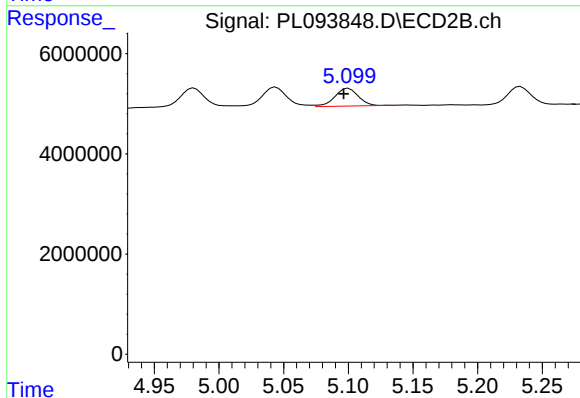
R.T.: 4.730 min  
Delta R.T.: 0.003 min  
Response: 4481800  
Conc: 1.07 ng/ml



#9 Endosulfan I

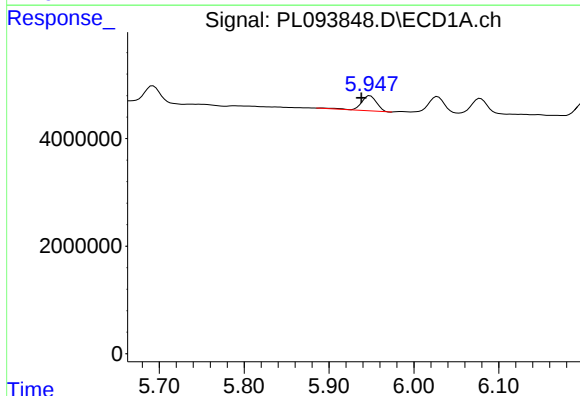
R.T.: 6.078 min  
Delta R.T.: 0.011 min  
Response: 3480992  
Conc: 1.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



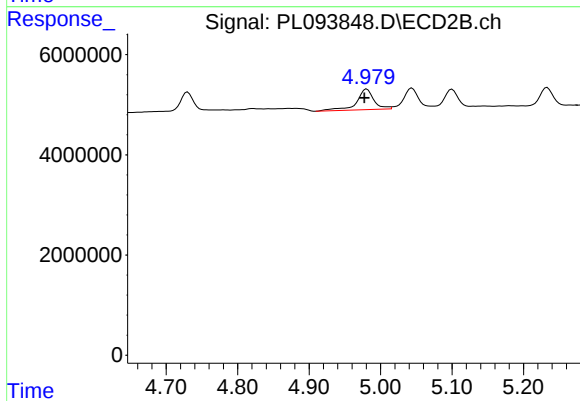
#9 Endosulfan I

R.T.: 5.100 min  
Delta R.T.: 0.004 min  
Response: 4446197  
Conc: 1.15 ng/ml



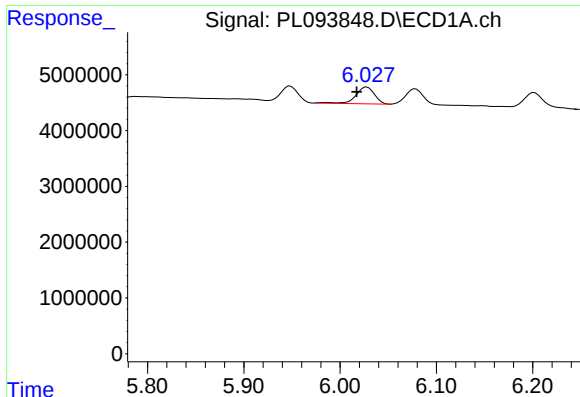
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: 0.010 min  
Response: 3637783  
Conc: 1.31 ng/ml



#10 gamma-Chlordane

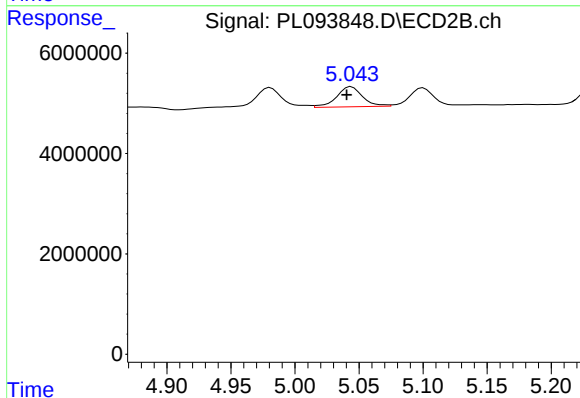
R.T.: 4.981 min  
Delta R.T.: 0.004 min  
Response: 6874052  
Conc: 1.62 ng/ml



#11 alpha-Chlordane

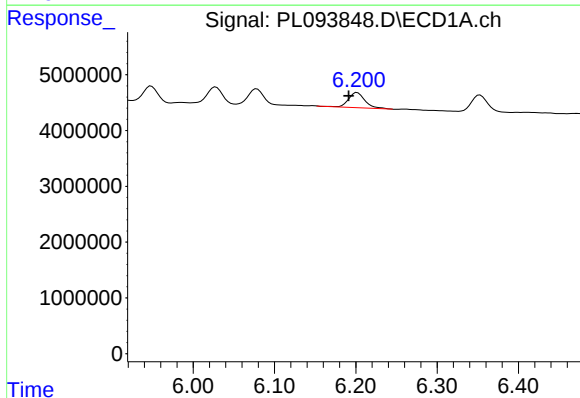
R.T.: 6.028 min  
Delta R.T.: 0.011 min  
Response: 4085830  
Conc: 1.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



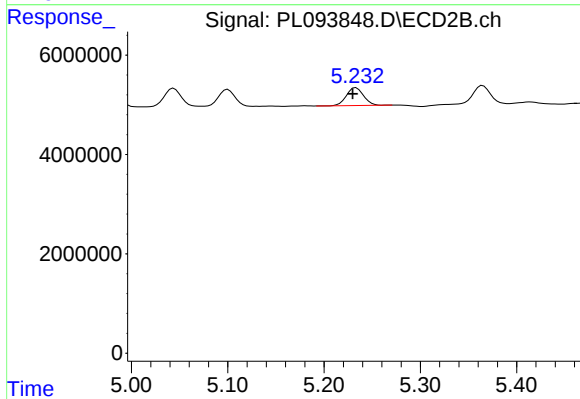
#11 alpha-Chlordane

R.T.: 5.044 min  
Delta R.T.: 0.003 min  
Response: 5661468  
Conc: 1.35 ng/ml



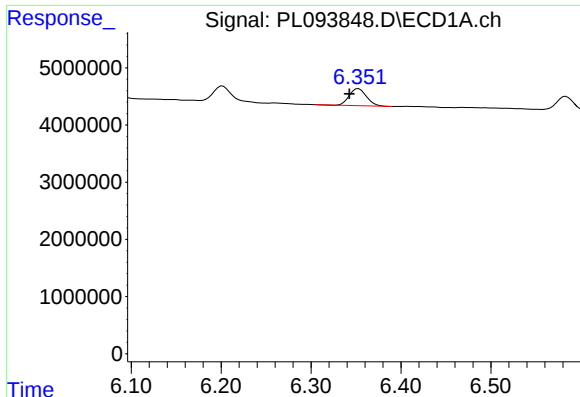
#12 4,4'-DDE

R.T.: 6.202 min  
Delta R.T.: 0.011 min  
Response: 3795329  
Conc: 1.56 ng/ml



#12 4,4'-DDE

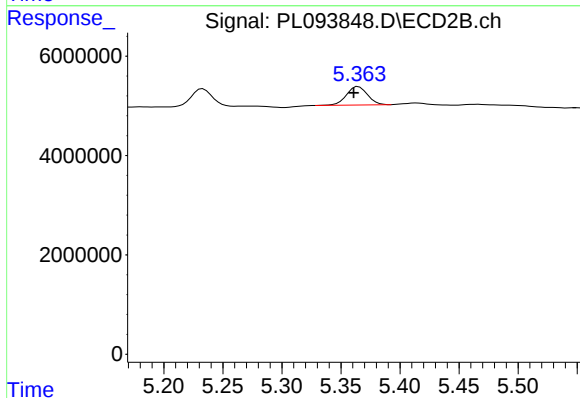
R.T.: 5.233 min  
Delta R.T.: 0.004 min  
Response: 4455465  
Conc: 1.11 ng/ml



#13 Dieldrin

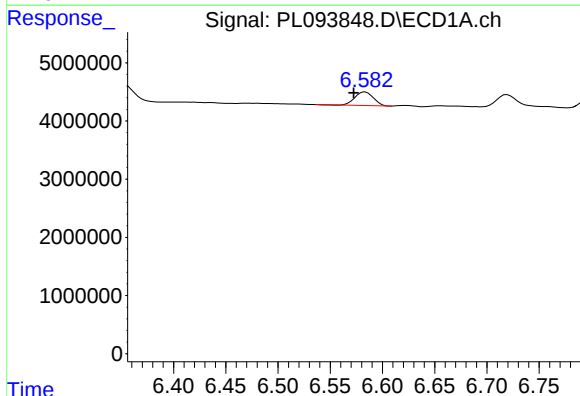
R.T.: 6.353 min  
Delta R.T.: 0.010 min  
Response: 3942050  
Conc: 1.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



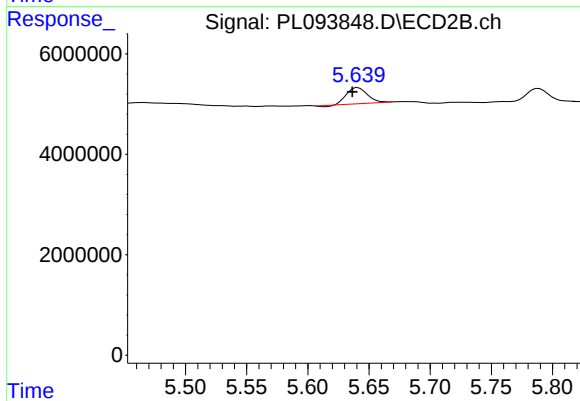
#13 Dieldrin

R.T.: 5.365 min  
Delta R.T.: 0.004 min  
Response: 4598306  
Conc: 1.07 ng/ml



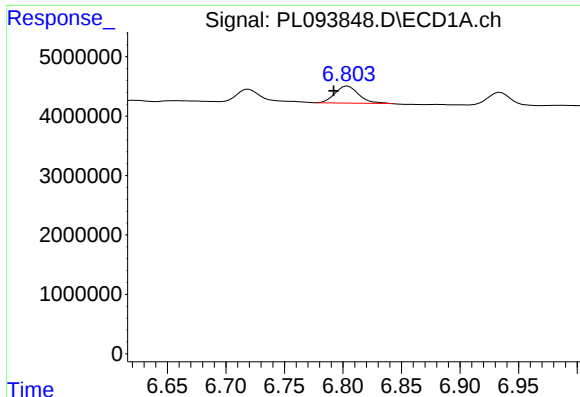
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.011 min  
Response: 2834341  
Conc: 1.21 ng/ml



#14 Endrin

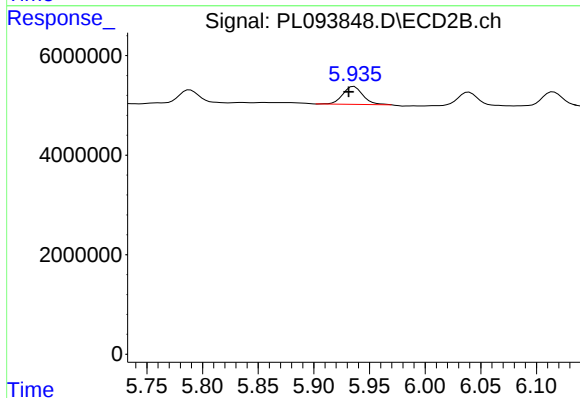
R.T.: 5.641 min  
Delta R.T.: 0.005 min  
Response: 3641141  
Conc: 0.99 ng/ml



#15 Endosulfan II

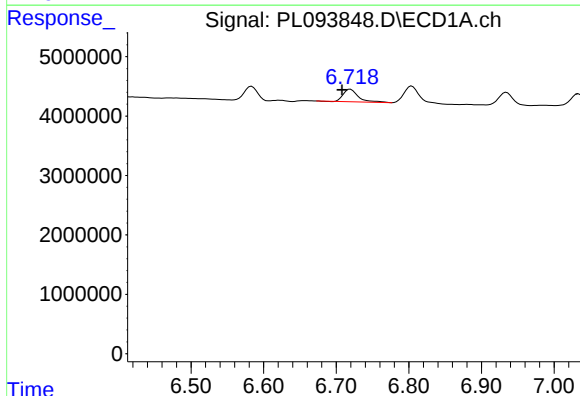
R.T.: 6.804 min  
Delta R.T.: 0.012 min  
Response: 4001758  
Conc: 1.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



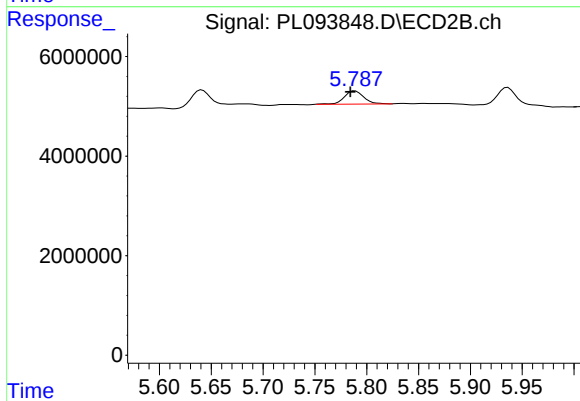
#15 Endosulfan II

R.T.: 5.936 min  
Delta R.T.: 0.005 min  
Response: 4498322  
Conc: 1.21 ng/ml



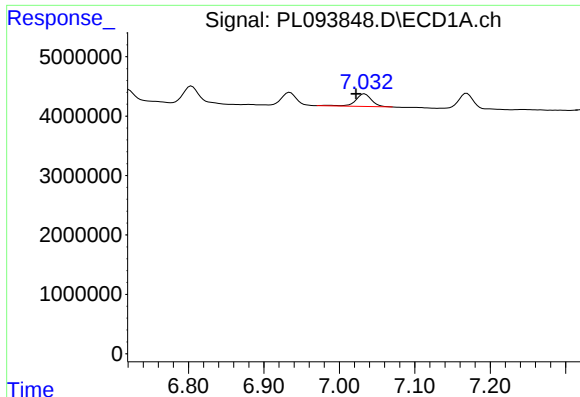
#16 4,4'-DDD

R.T.: 6.720 min  
Delta R.T.: 0.011 min  
Response: 3002759  
Conc: 1.58 ng/ml



#16 4,4'-DDD

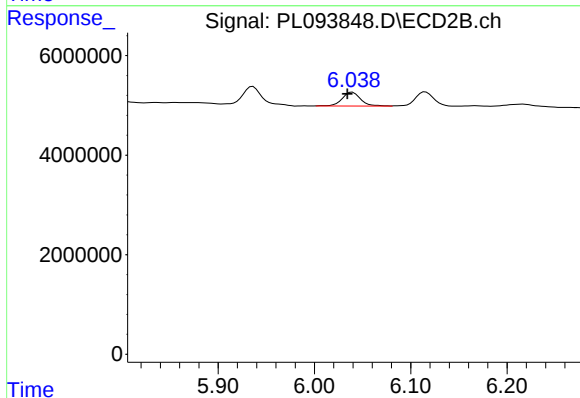
R.T.: 5.789 min  
Delta R.T.: 0.005 min  
Response: 3478848  
Conc: 1.10 ng/ml



#17 4,4'-DDT

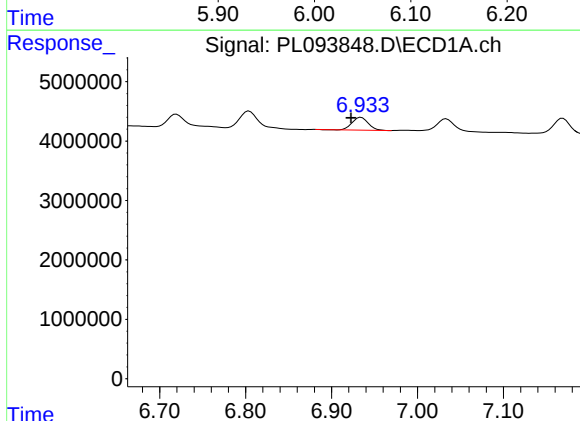
R.T.: 7.034 min  
Delta R.T.: 0.011 min  
Response: 3072256  
Conc: 1.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



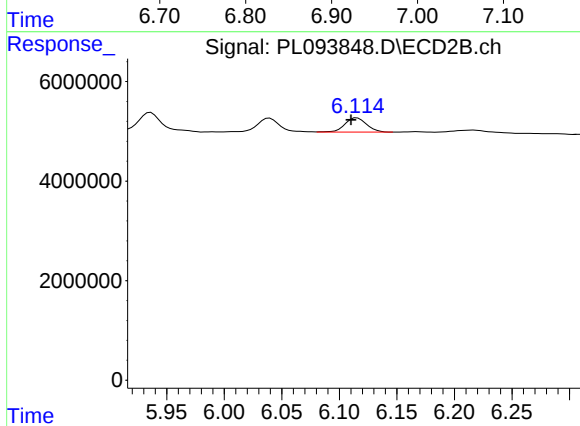
#17 4,4'-DDT

R.T.: 6.039 min  
Delta R.T.: 0.005 min  
Response: 3664120  
Conc: 1.13 ng/ml



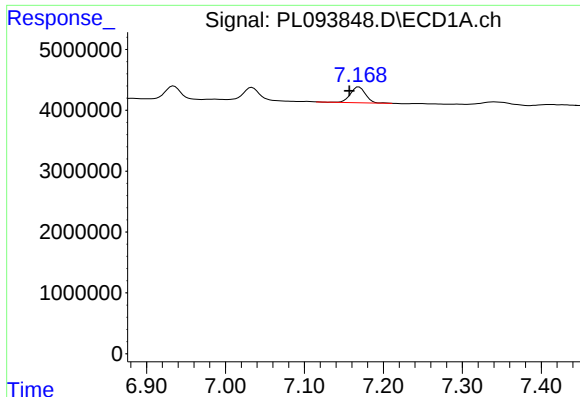
#18 Endrin aldehyde

R.T.: 6.934 min  
Delta R.T.: 0.012 min  
Response: 2854245  
Conc: 1.47 ng/ml



#18 Endrin aldehyde

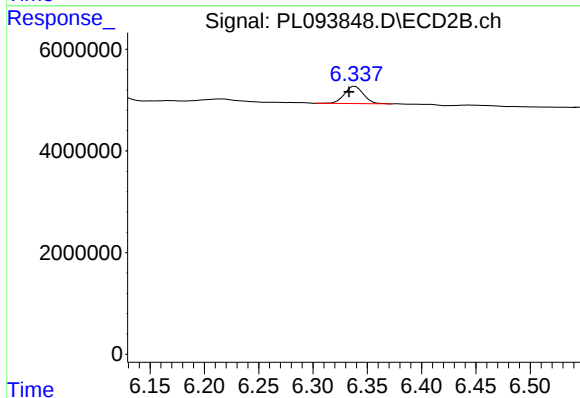
R.T.: 6.115 min  
Delta R.T.: 0.005 min  
Response: 3774636  
Conc: 1.24 ng/ml



#19 Endosulfan Sulfate

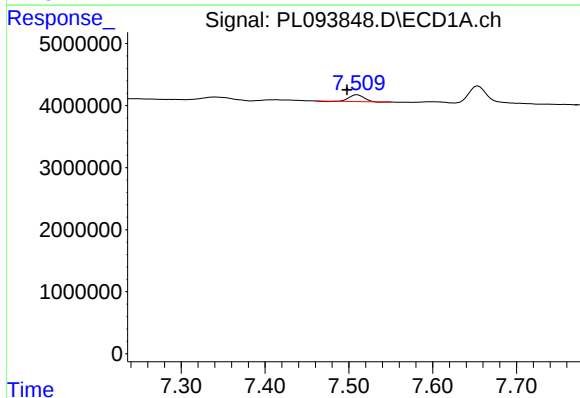
R.T.: 7.169 min  
Delta R.T.: 0.012 min  
Response: 3421440  
Conc: 1.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



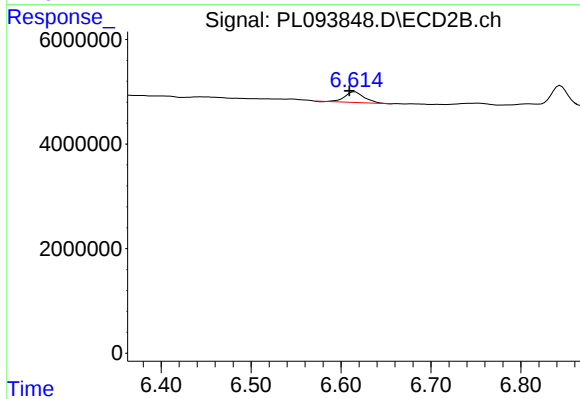
#19 Endosulfan Sulfate

R.T.: 6.339 min  
Delta R.T.: 0.006 min  
Response: 4125851  
Conc: 1.16 ng/ml



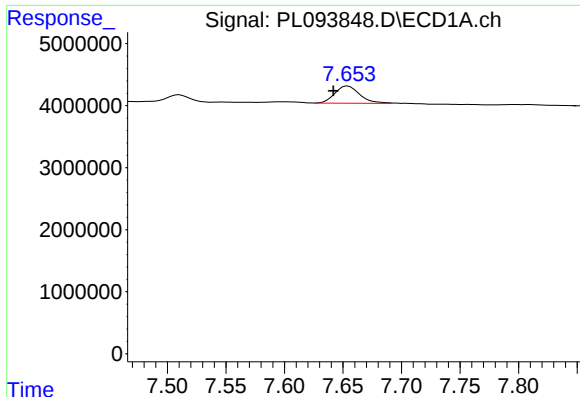
#20 Methoxychlor

R.T.: 7.510 min  
Delta R.T.: 0.012 min  
Response: 1295361  
Conc: 1.24 ng/ml



#20 Methoxychlor

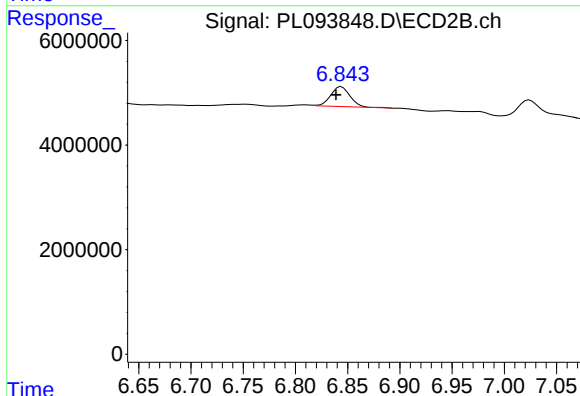
R.T.: 6.615 min  
Delta R.T.: 0.006 min  
Response: 3072276  
Conc: 1.72 ng/ml



#21 Endrin ketone

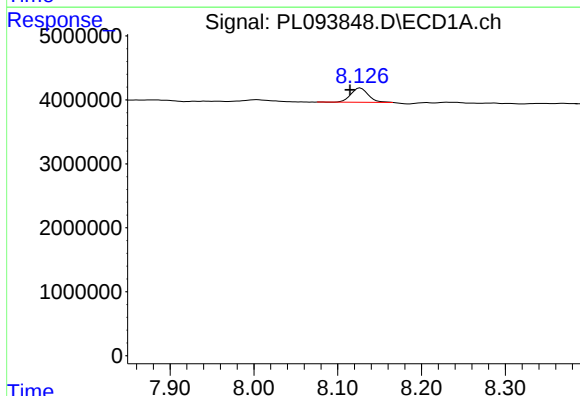
R.T.: 7.654 min  
Delta R.T.: 0.013 min  
Response: 4082792  
Conc: 1.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



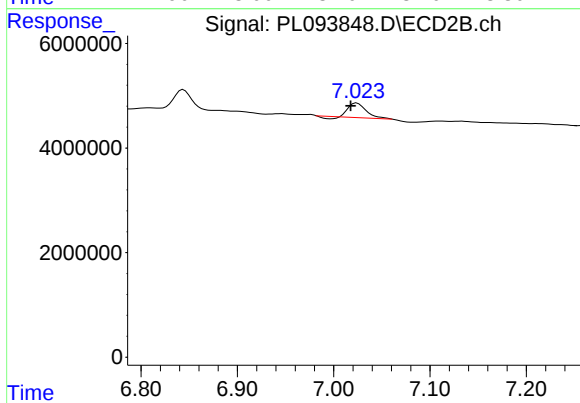
#21 Endrin ketone

R.T.: 6.844 min  
Delta R.T.: 0.005 min  
Response: 4826274  
Conc: 1.15 ng/ml



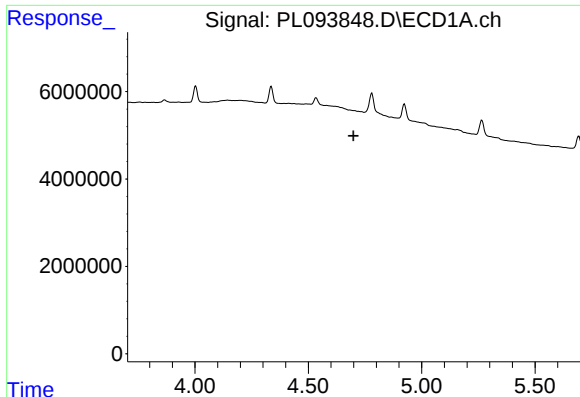
#22 Mirex

R.T.: 8.127 min  
Delta R.T.: 0.013 min  
Response: 3251344  
Conc: 1.56 ng/ml



#22 Mirex

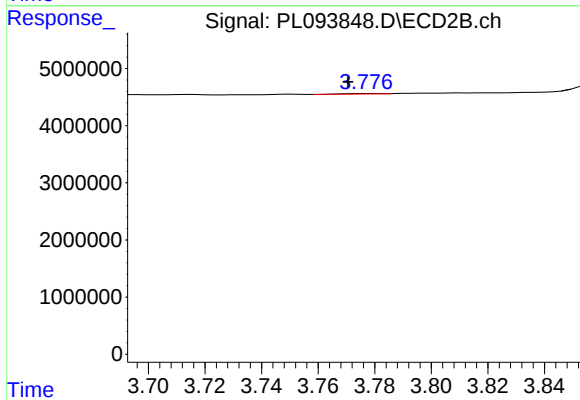
R.T.: 7.024 min  
Delta R.T.: 0.006 min  
Response: 3316944  
Conc: 0.98 ng/ml



#23 Chlordane-1

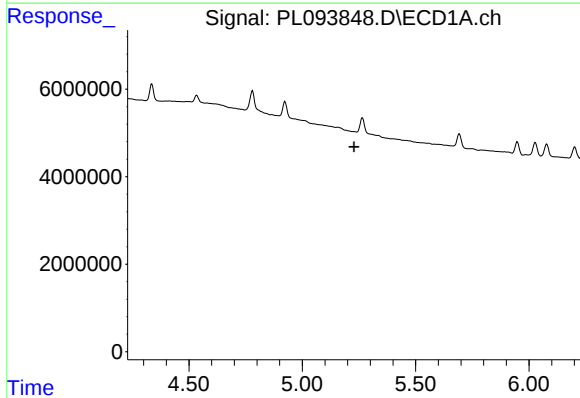
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



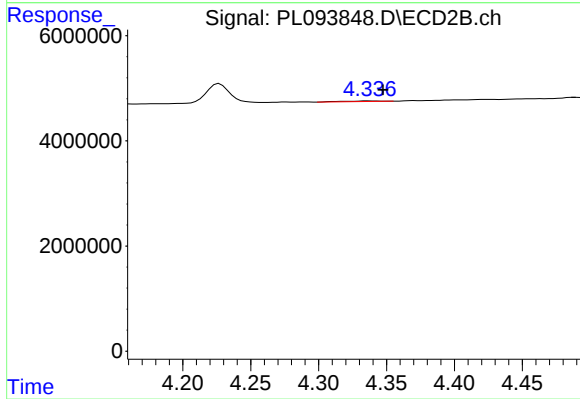
#23 Chlordane-1

R.T.: 3.779 min  
Delta R.T.: 0.008 min  
Response: 89061  
Conc: 0.71 ng/ml



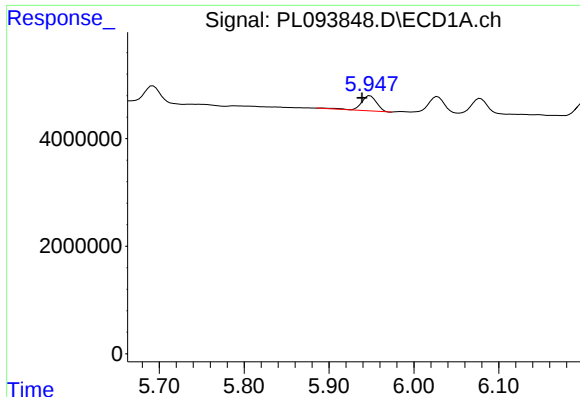
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.229 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

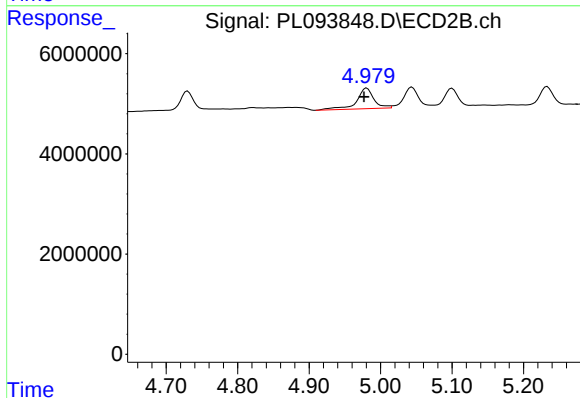
R.T.: 4.337 min  
Delta R.T.: -0.010 min  
Response: 204044  
Conc: 1.39 ng/ml



#25 Chlordane-3

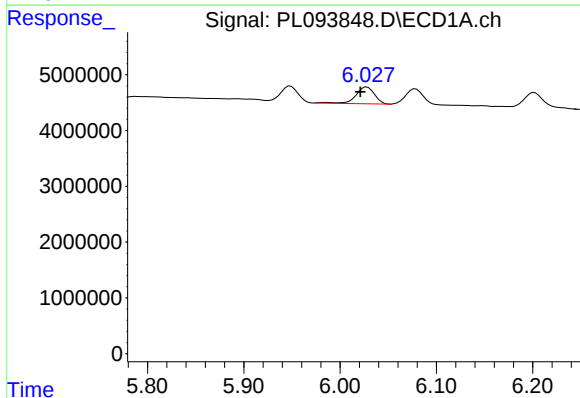
R.T.: 5.948 min  
Delta R.T.: 0.009 min  
Response: 3637783  
Conc: 9.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



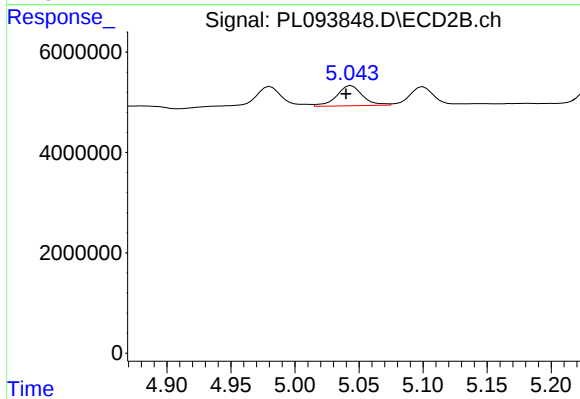
#25 Chlordane-3

R.T.: 4.981 min  
Delta R.T.: 0.004 min  
Response: 6874052  
Conc: 15.81 ng/ml



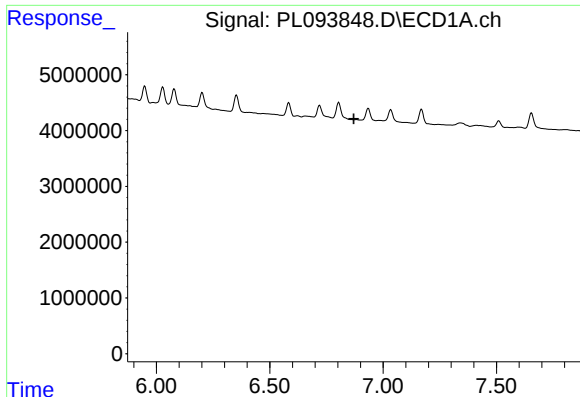
#26 Chlordane-4

R.T.: 6.028 min  
Delta R.T.: 0.007 min  
Response: 4085830  
Conc: 8.69 ng/ml



#26 Chlordane-4

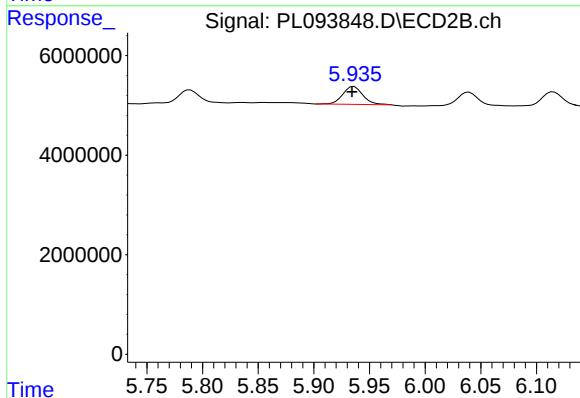
R.T.: 5.044 min  
Delta R.T.: 0.004 min  
Response: 5661468  
Conc: 13.36 ng/ml



#27 Chlordane-5

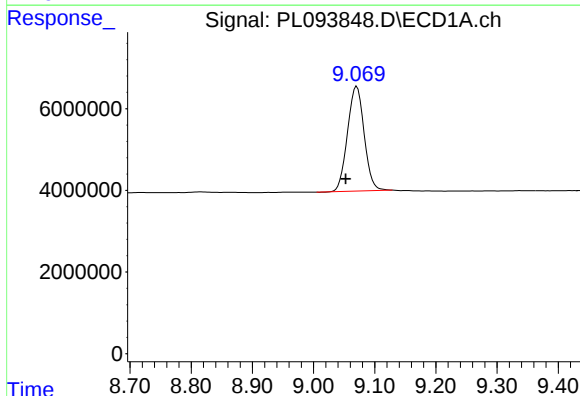
R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-WATER-03-QT1-2025



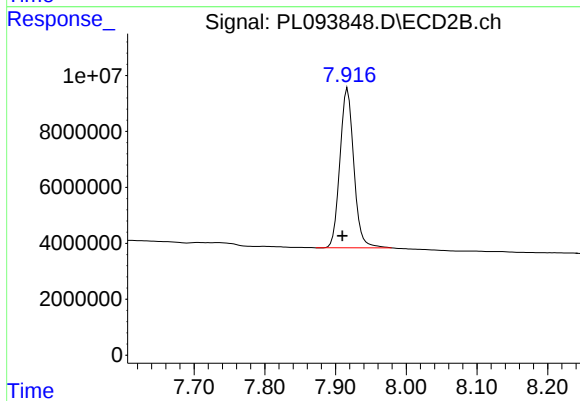
#27 Chlordane-5

R.T.: 5.936 min  
Delta R.T.: 0.002 min  
Response: 4498322  
Conc: 29.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.018 min  
Response: 48622762  
Conc: 23.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.917 min  
Delta R.T.: 0.007 min  
Response: 77802117  
Conc: 22.20 ng/ml