

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020625\  
 Data File : PD087757.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Feb 2025 13:31  
 Operator : AR\AJ  
 Sample : Q1168-07  
 Misc : PEST LOD 1PPB  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 07 04:24:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 22 14:33:08 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 x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|----------|--------|----------|
| -----                       |                 |        |       |          |          |        |          |
| System Monitoring Compounds |                 |        |       |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.556  | 2.882 | 38029686 | 262.7E6  | 19.088 | 21.844   |
| 28)                         | SA Decachlor... | 9.087  | 8.082 | 61285757 | 296.1E6  | 20.094 | 20.950   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.005  | 3.395 | 3666397  | 25721599 | 0.911  | 1.376 #  |
| 3)                          | MA gamma-BHC... | 4.336  | 3.732 | -3673275 | 23871635 | N.D.   | 1.345    |
| 4)                          | MA Heptachlor   | 4.937  | 4.088 | 4769345  | 23281342 | 1.279  | 1.344    |
| 5)                          | MB Aldrin       | 5.279  | 4.374 | 4055421  | 26916057 | 1.060  | 1.541 #  |
| 6)                          | B beta-BHC      | 4.521  | 4.029 | 2020763  | 11091280 | 1.280  | 1.454    |
| 7)                          | B delta-BHC     | 4.770  | 4.266 | 5400456  | 25353501 | 1.339  | 1.401    |
| 8)                          | B Heptachlo...  | 5.699  | 4.878 | 4018591  | 24673194 | 1.176  | 1.562 #  |
| 9)                          | A Endosulfan I  | 6.082  | 5.253 | 3417925  | 27207783 | 1.085  | 1.826 #  |
| 10)                         | B gamma-Chl...  | 5.953  | 5.132 | 4238938  | 30741082 | 1.283  | 1.890 #  |
| 11)                         | B alpha-Chl...  | 6.035  | 5.197 | 3802772  | 29087894 | 1.142  | 1.823 #  |
| 12)                         | B 4,4'-DDE      | 6.203  | 5.382 | 2834311  | 27913509 | 0.939  | 1.774 #  |
| 13)                         | MA Dieldrin     | 6.356  | 5.519 | 3397207  | 21097895 | 1.006  | 1.295 #  |
| 14)                         | MA Endrin       | 6.582  | 5.796 | 2735303  | 39737269 | 0.944  | 2.668 #  |
| 15)                         | B Endosulfa...  | 6.794  | 6.087 | 2796558  | 19579090 | 0.974  | 1.372 #  |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.937 | 3715496  | 19810968 | 1.544  | 1.498    |
| 17)                         | MA 4,4'-DDT     | 7.029  | 6.191 | 2094925  | 11023635 | 0.813  | 0.819    |
| 18)                         | B Endrin al...  | 6.923  | 6.266 | 2625291  | 17479452 | 1.133  | 1.499 #  |
| 19)                         | B Endosulfa...  | 7.157  | 6.489 | 2839620  | 19226320 | 1.036  | 1.352 #  |
| 20)                         | A Methoxychlor  | 7.501  | 6.763 | 1326609  | 7096518  | 0.904  | 0.929    |
| 21)                         | B Endrin ke...  | 7.638  | 6.999 | 3222244  | 21621466 | 1.048  | 1.386 #  |
| 22)                         | Mirex           | 8.123  | 7.194 | 2612531  | 17385430 | 1.127  | 1.373    |
| 23)                         | Chlordane-1     | 0.000  | 3.899 | 0        | 411161   | N.D.   | 0.739 #  |
| 24)                         | Chlordane-2     | 5.216f | 4.496 | 84125    | 1573662  | 0.620  | 2.663 #  |
| 25)                         | Chlordane-3     | 5.953  | 5.132 | 4238938  | 30741082 | 8.432  | 17.612 # |
| 26)                         | Chlordane-4     | 6.035  | 5.197 | 3802772  | 29087894 | 6.257  | 19.714 # |
| 27)                         | Chlordane-5     | 0.000  | 6.087 | 0        | 19579090 | N.D.   | 29.904 # |
| -----                       |                 |        |       |          |          |        |          |

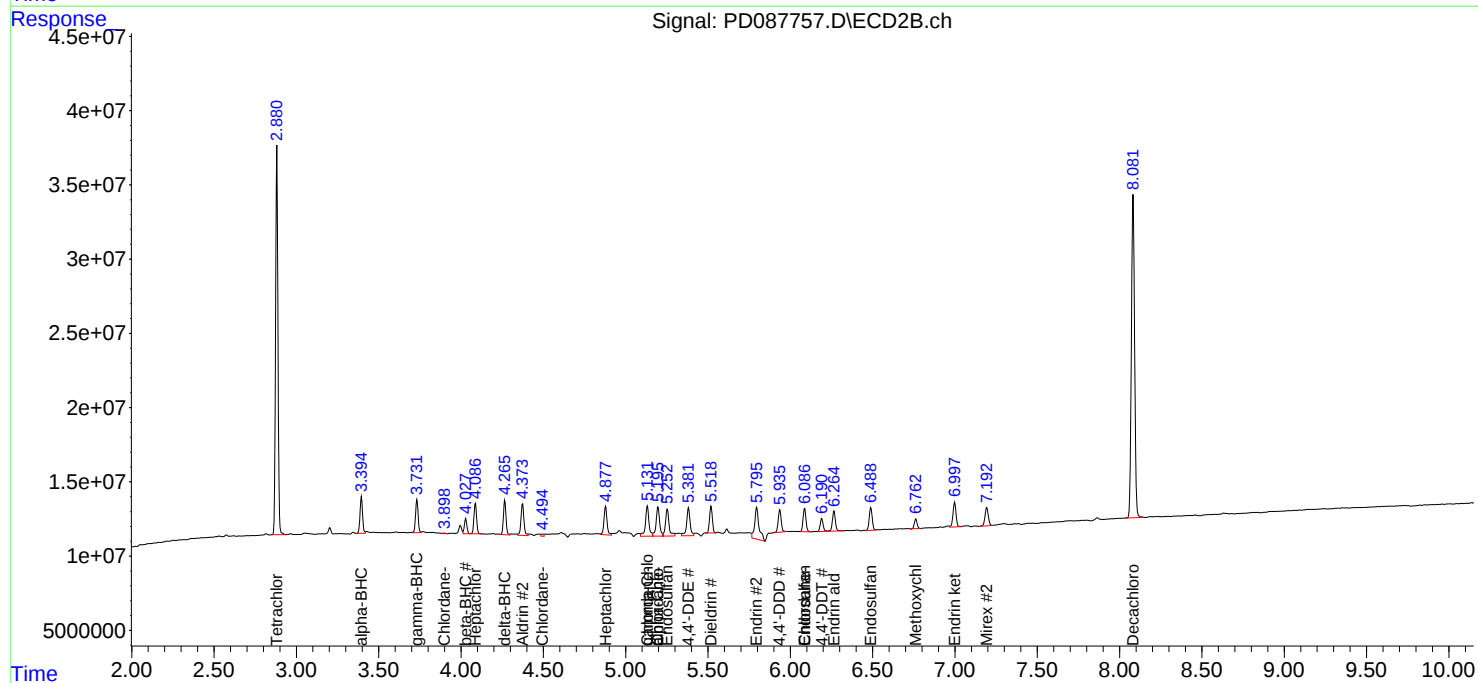
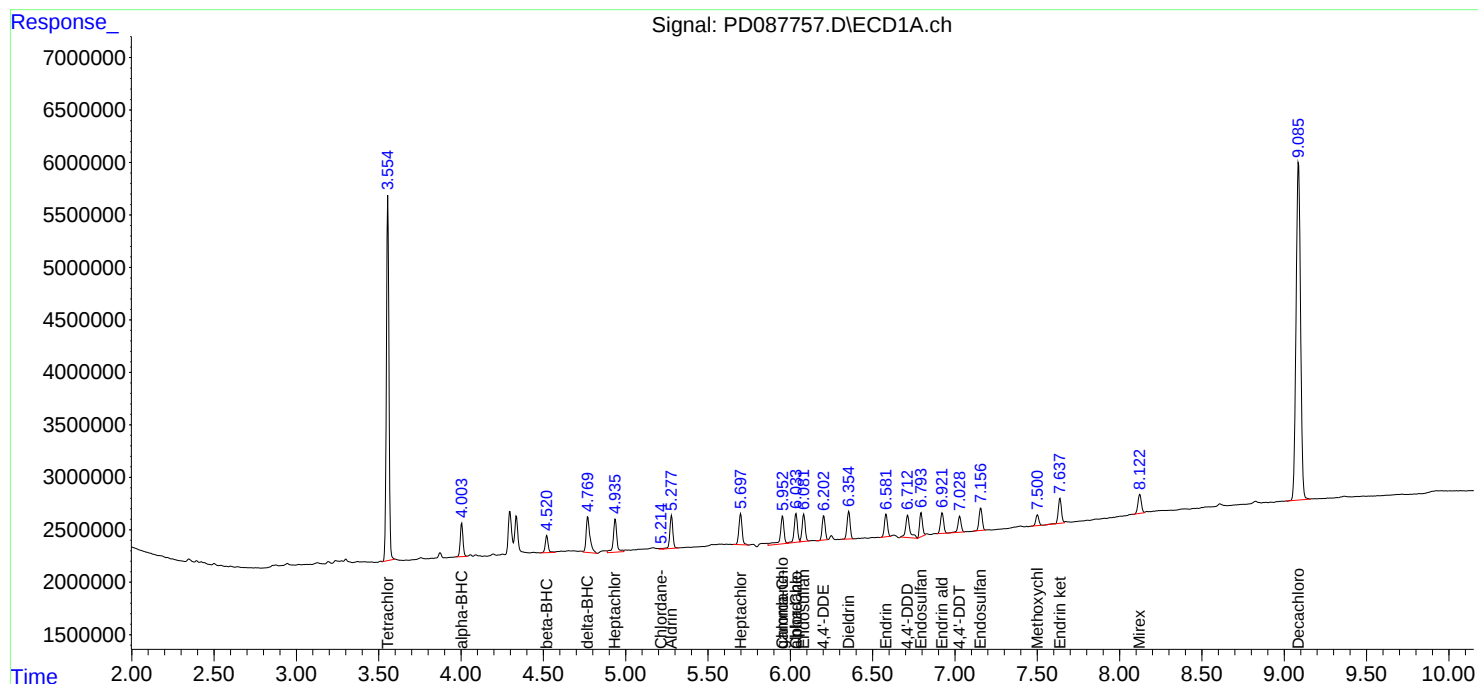
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

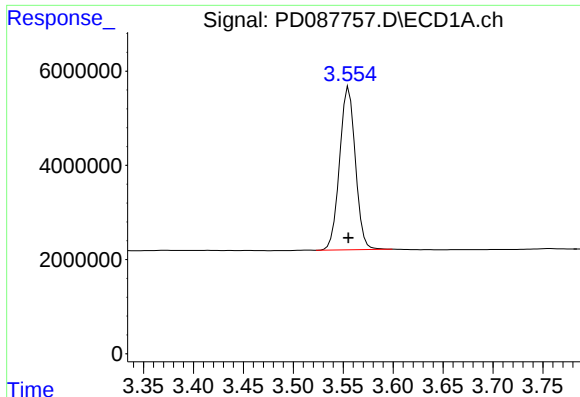
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020625\  
Data File : PD087757.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Feb 2025 13:31  
Operator : AR\AJ  
Sample : Q1168-07  
Misc : PEST LOD 1PPB  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 07 04:24:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012325.M  
Quant Title : GC Extractables  
QLast Update : Wed Jan 22 14:33:08 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 x 0.25µm

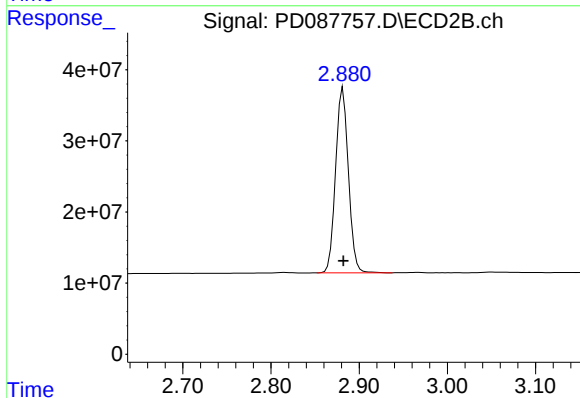




#1 Tetrachloro-m-xylene

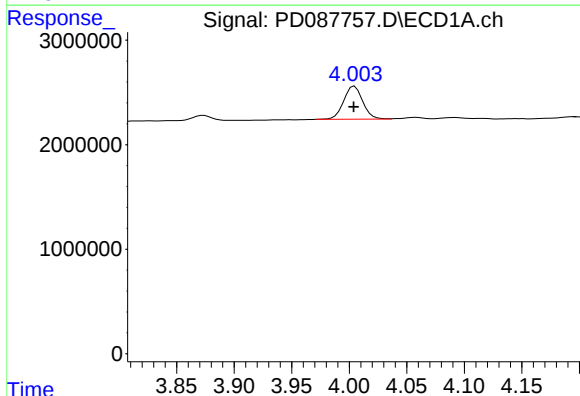
R.T.: 3.556 min  
Delta R.T.: 0.000 min  
Response: 38029686  
Conc: 19.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



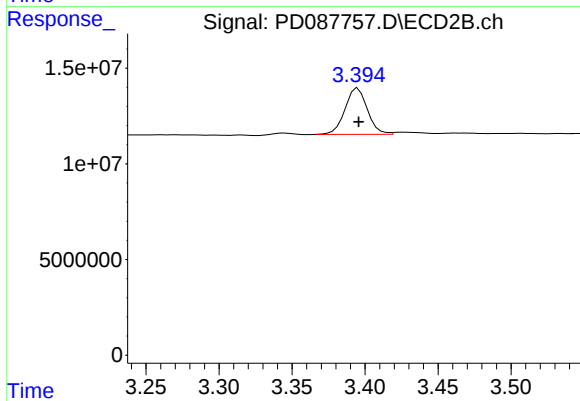
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: 0.000 min  
Response: 262715561  
Conc: 21.84 ng/ml



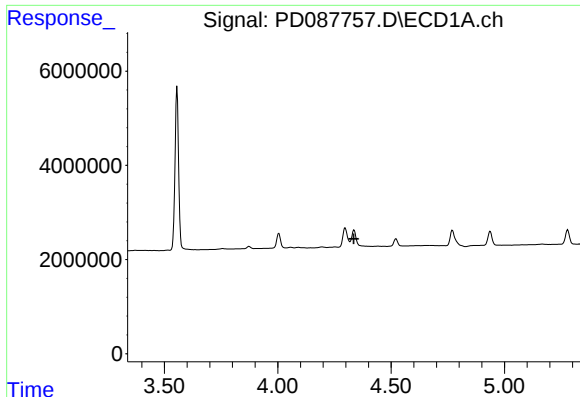
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: 0.000 min  
Response: 3666397  
Conc: 0.91 ng/ml



#2 alpha-BHC

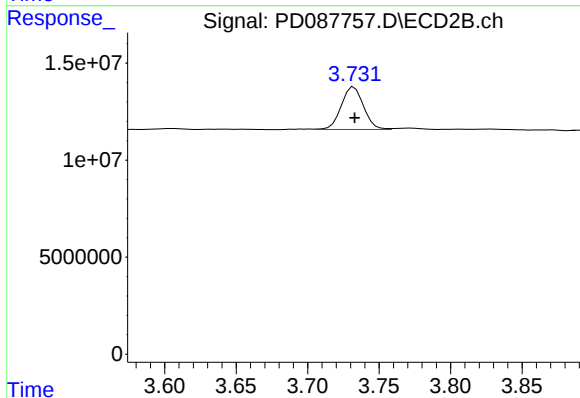
R.T.: 3.395 min  
Delta R.T.: 0.000 min  
Response: 25721599  
Conc: 1.38 ng/ml



#3 gamma-BHC (Lindane)

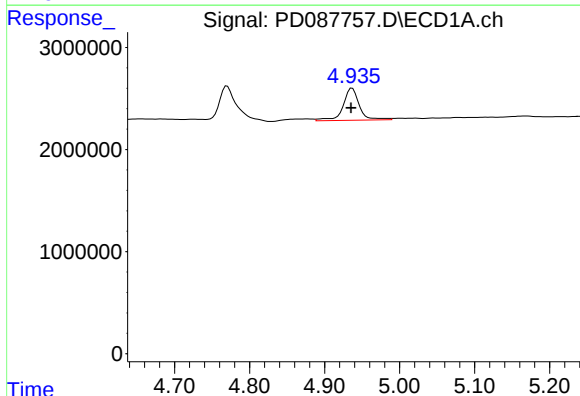
R.T.: 4.336 min  
Delta R.T.: 0.001 min  
Response: -3673275  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



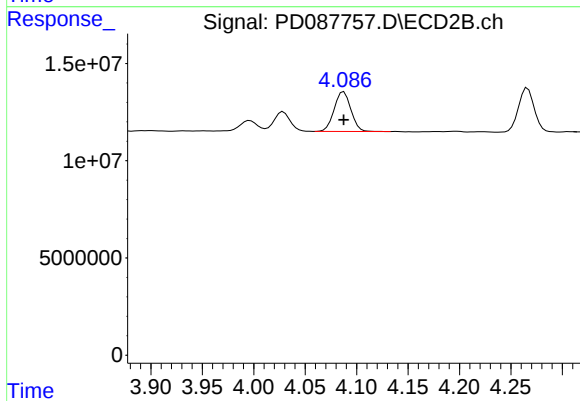
#3 gamma-BHC (Lindane)

R.T.: 3.732 min  
Delta R.T.: 0.000 min  
Response: 23871635  
Conc: 1.34 ng/ml



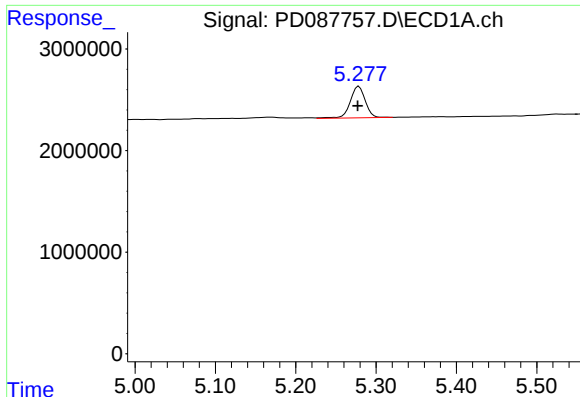
#4 Heptachlor

R.T.: 4.937 min  
Delta R.T.: 0.002 min  
Response: 4769345  
Conc: 1.28 ng/ml



#4 Heptachlor

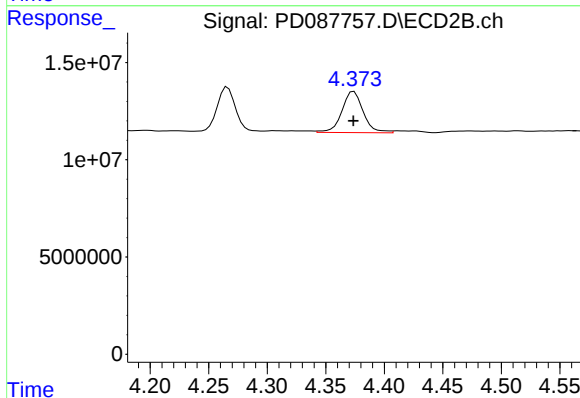
R.T.: 4.088 min  
Delta R.T.: 0.000 min  
Response: 23281342  
Conc: 1.34 ng/ml



#5 Aldrin

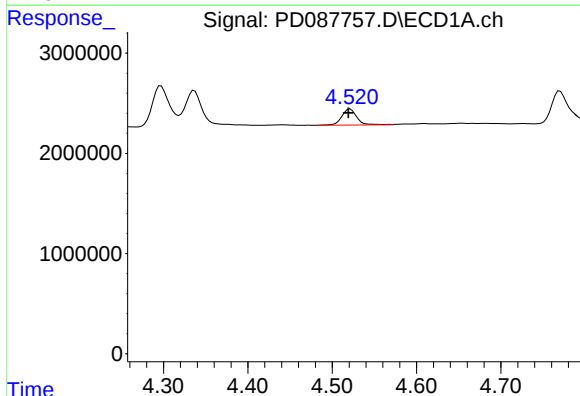
R.T.: 5.279 min  
Delta R.T.: 0.002 min  
Response: 4055421  
Conc: 1.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



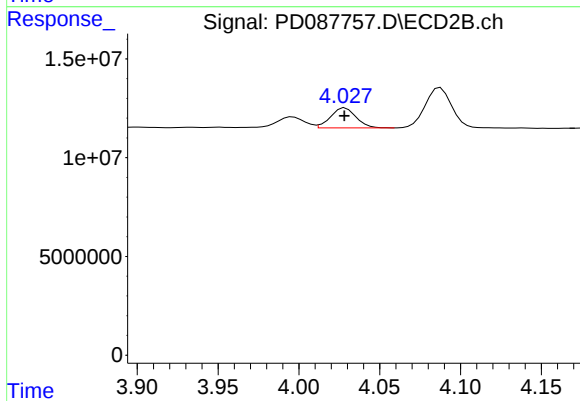
#5 Aldrin

R.T.: 4.374 min  
Delta R.T.: 0.000 min  
Response: 26916057  
Conc: 1.54 ng/ml



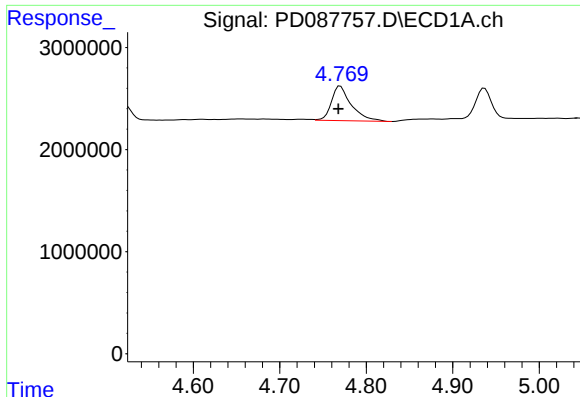
#6 beta-BHC

R.T.: 4.521 min  
Delta R.T.: 0.002 min  
Response: 2020763  
Conc: 1.28 ng/ml



#6 beta-BHC

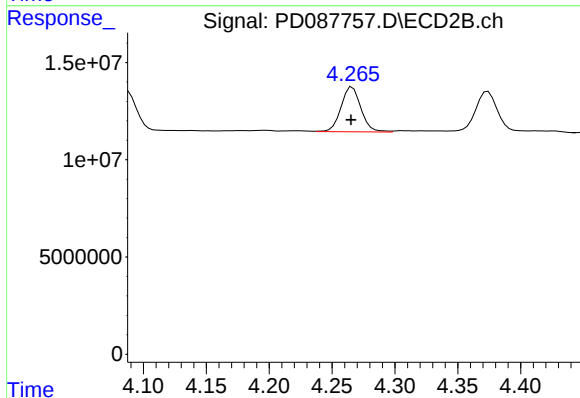
R.T.: 4.029 min  
Delta R.T.: 0.000 min  
Response: 11091280  
Conc: 1.45 ng/ml



#7 delta-BHC

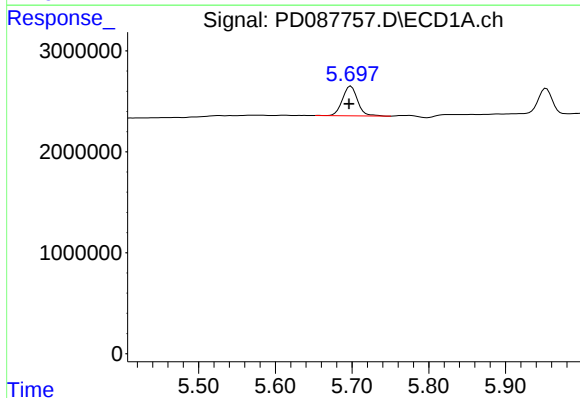
R.T.: 4.770 min  
Delta R.T.: 0.002 min  
Response: 5400456  
Conc: 1.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



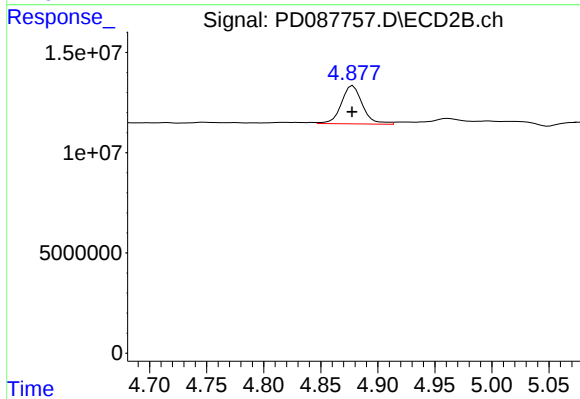
#7 delta-BHC

R.T.: 4.266 min  
Delta R.T.: 0.001 min  
Response: 25353501  
Conc: 1.40 ng/ml



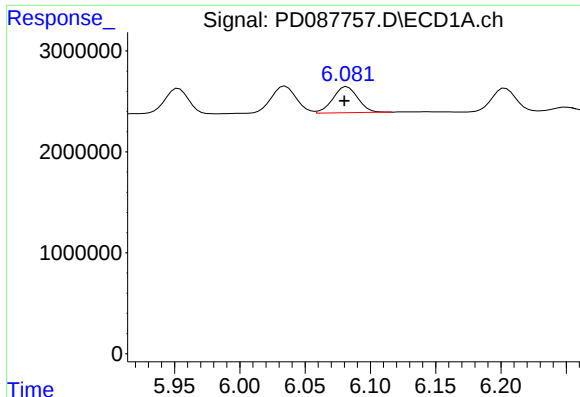
#8 Heptachlor epoxide

R.T.: 5.699 min  
Delta R.T.: 0.002 min  
Response: 4018591  
Conc: 1.18 ng/ml



#8 Heptachlor epoxide

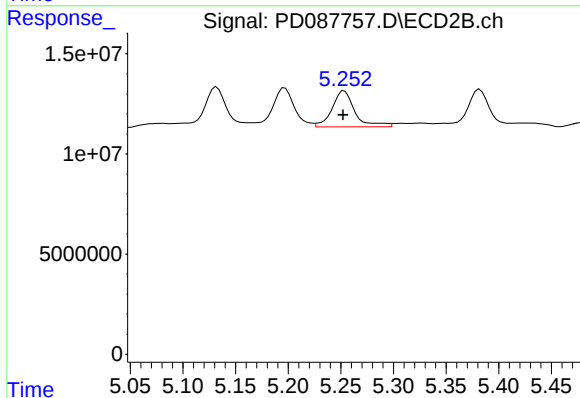
R.T.: 4.878 min  
Delta R.T.: 0.000 min  
Response: 24673194  
Conc: 1.56 ng/ml



#9 Endosulfan I

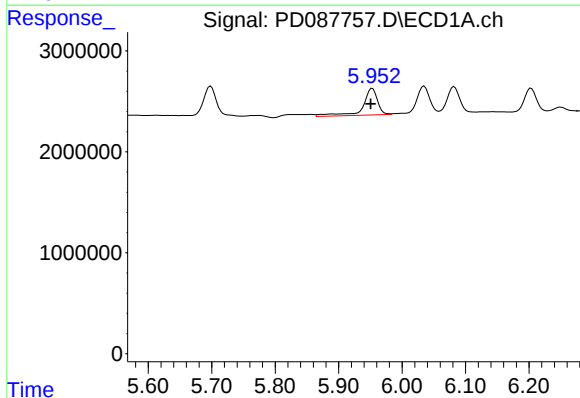
R.T.: 6.082 min  
Delta R.T.: 0.002 min  
Response: 3417925  
Conc: 1.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



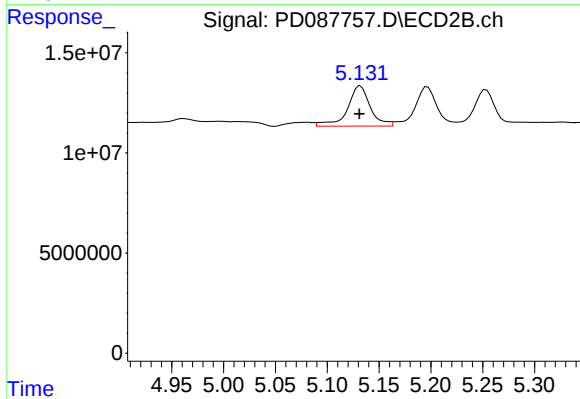
#9 Endosulfan I

R.T.: 5.253 min  
Delta R.T.: 0.001 min  
Response: 27207783  
Conc: 1.83 ng/ml



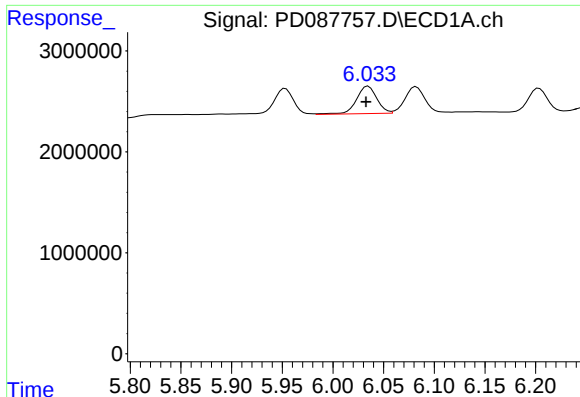
#10 gamma-Chlordane

R.T.: 5.953 min  
Delta R.T.: 0.002 min  
Response: 4238938  
Conc: 1.28 ng/ml



#10 gamma-Chlordane

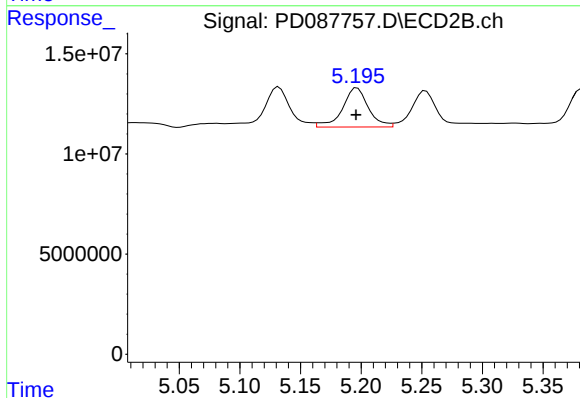
R.T.: 5.132 min  
Delta R.T.: 0.000 min  
Response: 30741082  
Conc: 1.89 ng/ml



#11 alpha-Chlordane

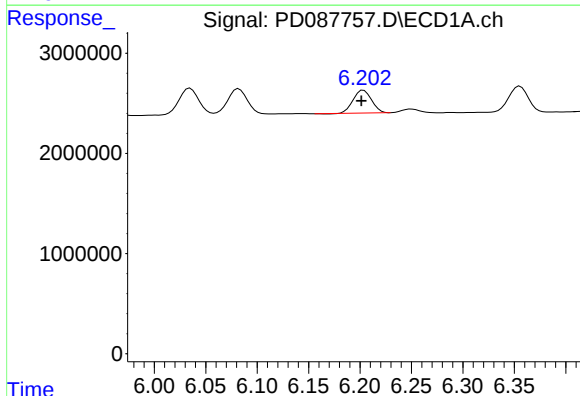
R.T.: 6.035 min  
Delta R.T.: 0.002 min  
Response: 3802772  
Conc: 1.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



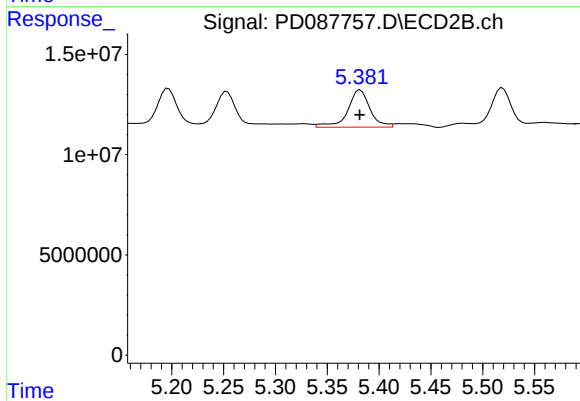
#11 alpha-Chlordane

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 29087894  
Conc: 1.82 ng/ml



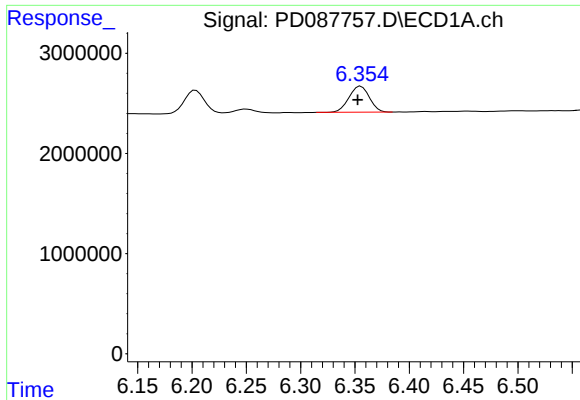
#12 4,4'-DDE

R.T.: 6.203 min  
Delta R.T.: 0.002 min  
Response: 2834311  
Conc: 0.94 ng/ml



#12 4,4'-DDE

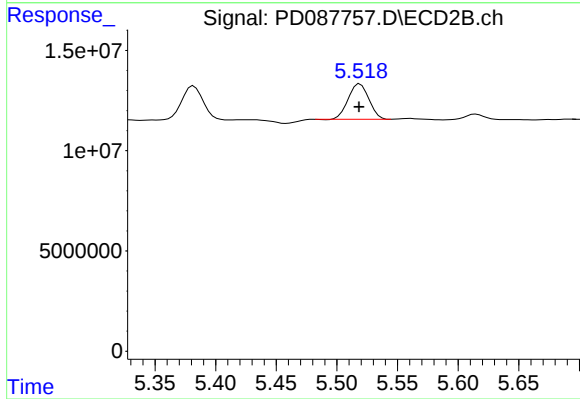
R.T.: 5.382 min  
Delta R.T.: 0.000 min  
Response: 27913509  
Conc: 1.77 ng/ml



#13 Dieldrin

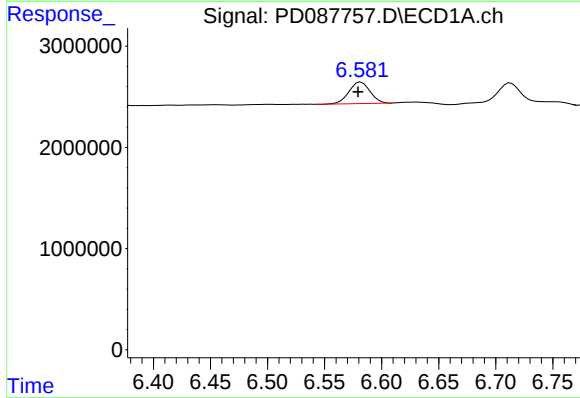
R.T.: 6.356 min  
Delta R.T.: 0.003 min  
Response: 3397207  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



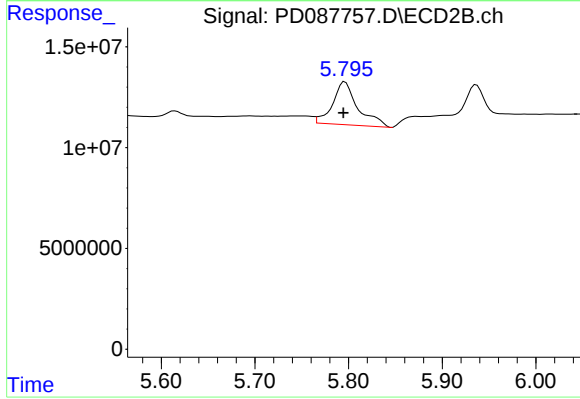
#13 Dieldrin

R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 21097895  
Conc: 1.30 ng/ml



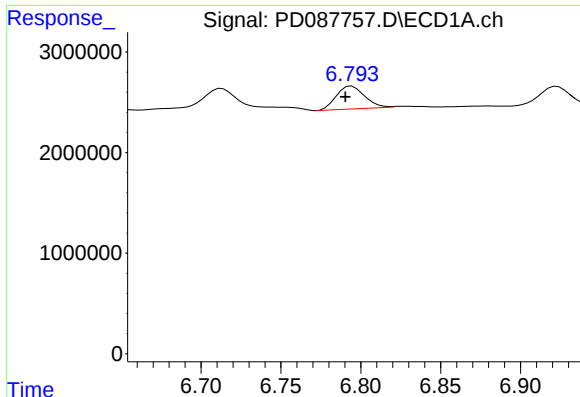
#14 Endrin

R.T.: 6.582 min  
Delta R.T.: 0.003 min  
Response: 2735303  
Conc: 0.94 ng/ml



#14 Endrin

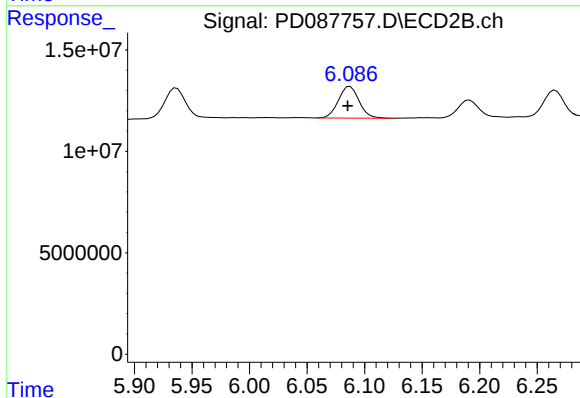
R.T.: 5.796 min  
Delta R.T.: 0.002 min  
Response: 39737269  
Conc: 2.67 ng/ml



#15 Endosulfan II

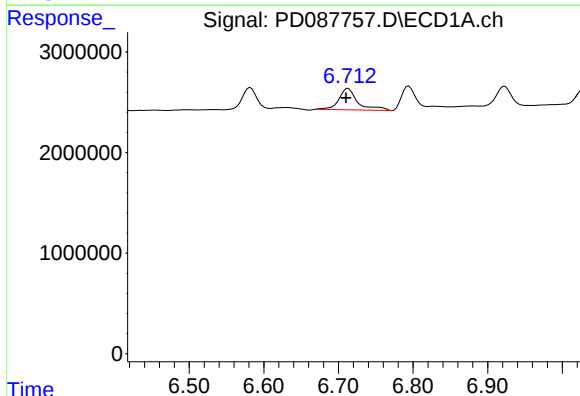
R.T.: 6.794 min  
Delta R.T.: 0.004 min  
Response: 2796558  
Conc: 0.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



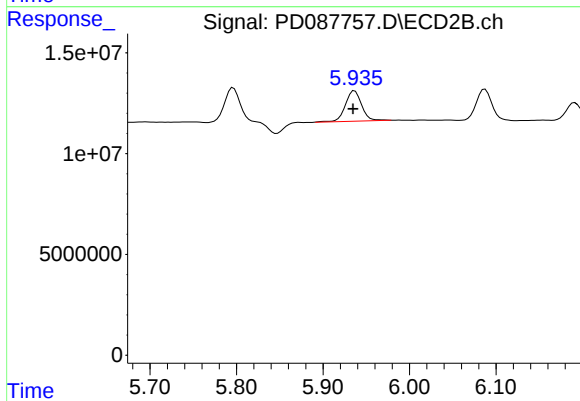
#15 Endosulfan II

R.T.: 6.087 min  
Delta R.T.: 0.002 min  
Response: 19579090  
Conc: 1.37 ng/ml



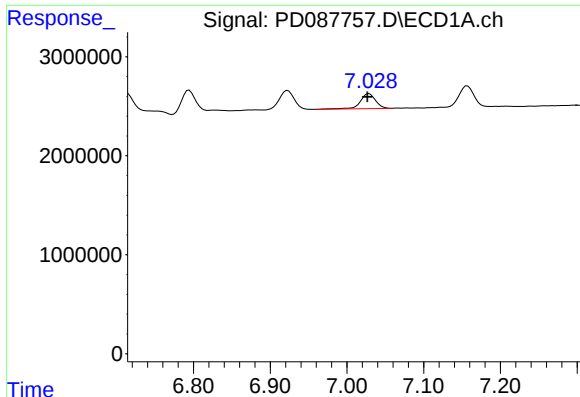
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: 0.003 min  
Response: 3715496  
Conc: 1.54 ng/ml



#16 4,4'-DDD

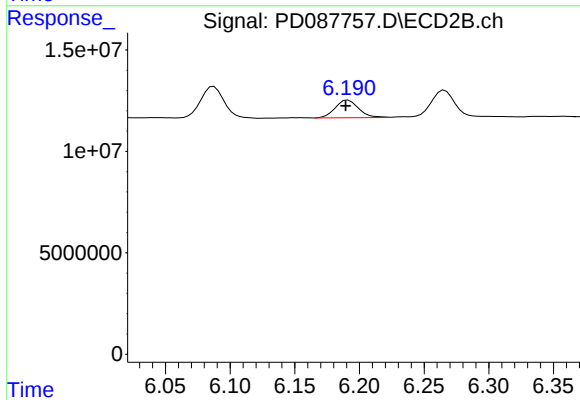
R.T.: 5.937 min  
Delta R.T.: 0.002 min  
Response: 19810968  
Conc: 1.50 ng/ml



#17 4,4'-DDT

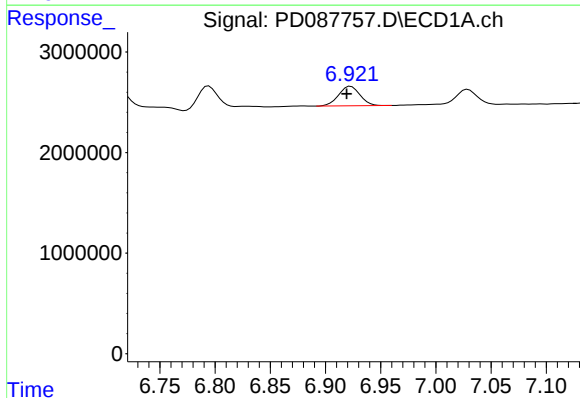
R.T.: 7.029 min  
Delta R.T.: 0.003 min  
Response: 2094925  
Conc: 0.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



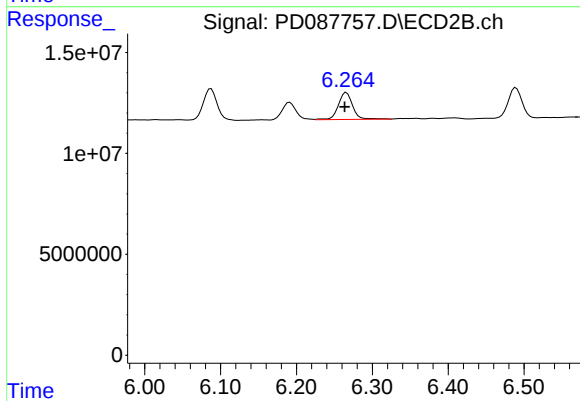
#17 4,4'-DDT

R.T.: 6.191 min  
Delta R.T.: 0.002 min  
Response: 11023635  
Conc: 0.82 ng/ml



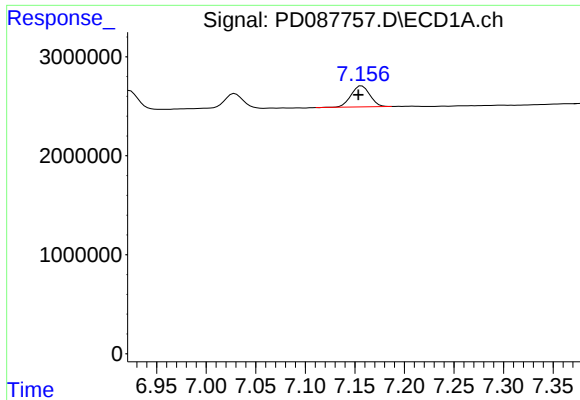
#18 Endrin aldehyde

R.T.: 6.923 min  
Delta R.T.: 0.003 min  
Response: 2625291  
Conc: 1.13 ng/ml



#18 Endrin aldehyde

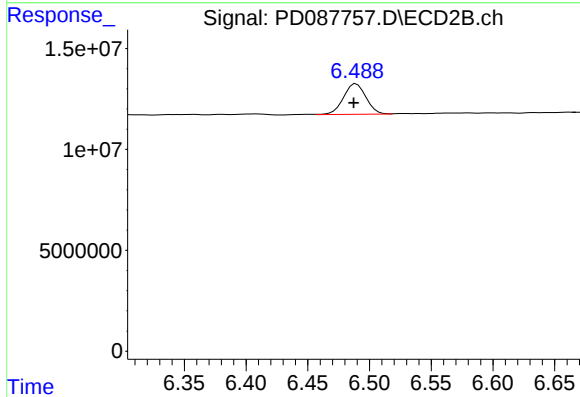
R.T.: 6.266 min  
Delta R.T.: 0.002 min  
Response: 17479452  
Conc: 1.50 ng/ml



#19 Endosulfan Sulfate

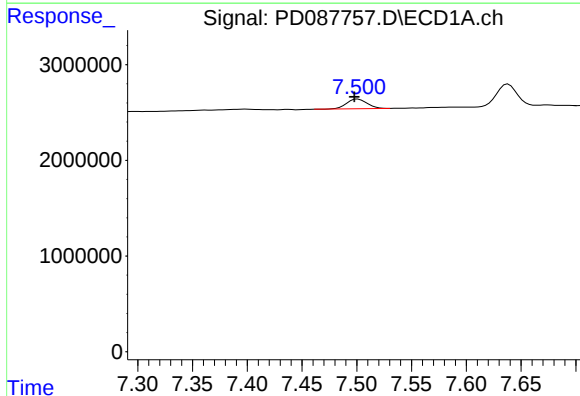
R.T.: 7.157 min  
Delta R.T.: 0.003 min  
Response: 2839620  
Conc: 1.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



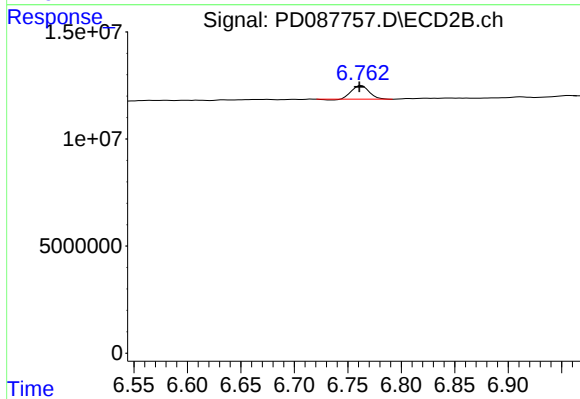
#19 Endosulfan Sulfate

R.T.: 6.489 min  
Delta R.T.: 0.002 min  
Response: 19226320  
Conc: 1.35 ng/ml



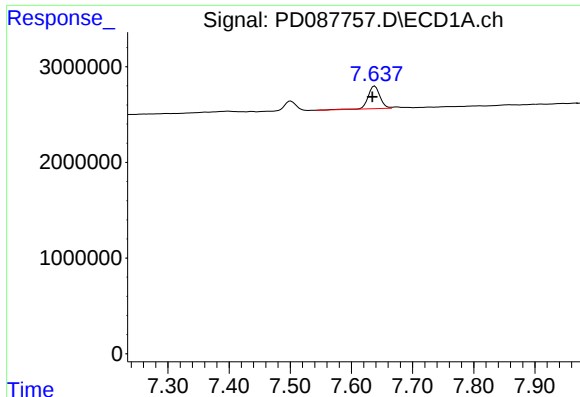
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.003 min  
Response: 1326609  
Conc: 0.90 ng/ml



#20 Methoxychlor

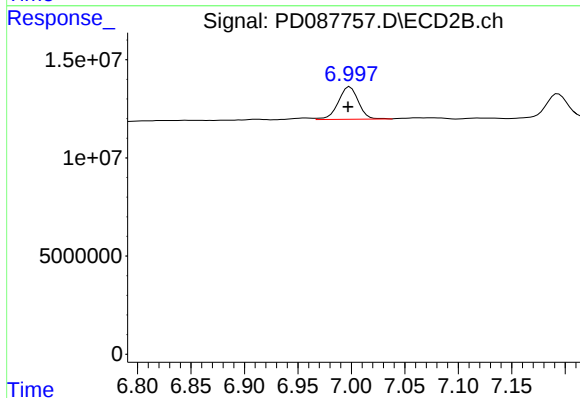
R.T.: 6.763 min  
Delta R.T.: 0.002 min  
Response: 7096518  
Conc: 0.93 ng/ml



#21 Endrin ketone

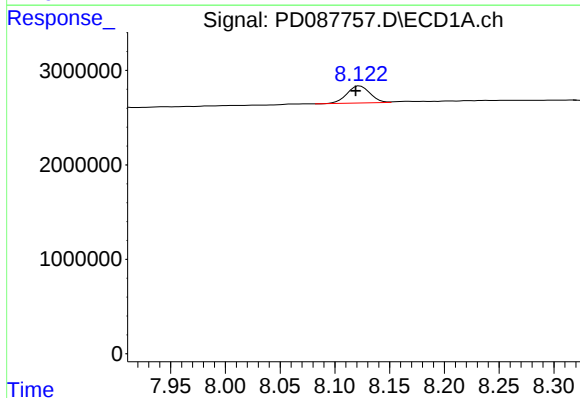
R.T.: 7.638 min  
Delta R.T.: 0.004 min  
Response: 3222244  
Conc: 1.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



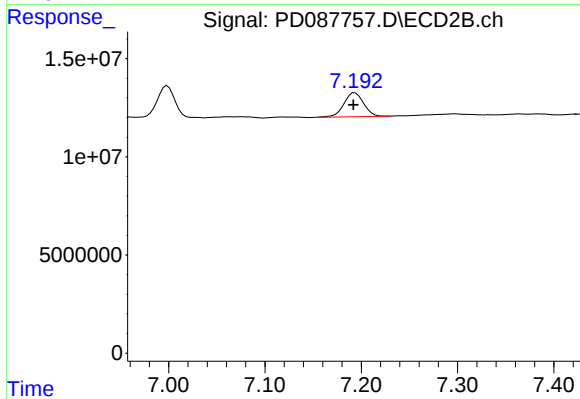
#21 Endrin ketone

R.T.: 6.999 min  
Delta R.T.: 0.002 min  
Response: 21621466  
Conc: 1.39 ng/ml



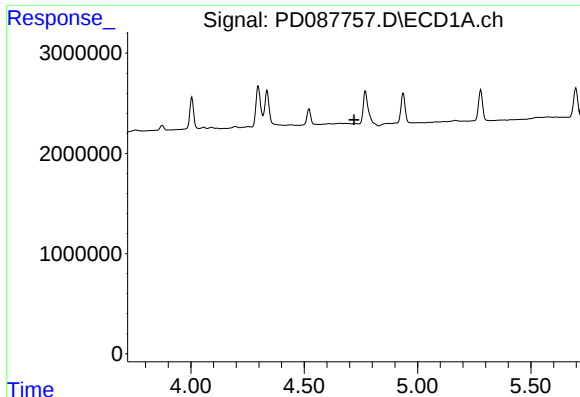
#22 Mirex

R.T.: 8.123 min  
Delta R.T.: 0.004 min  
Response: 2612531  
Conc: 1.13 ng/ml



#22 Mirex

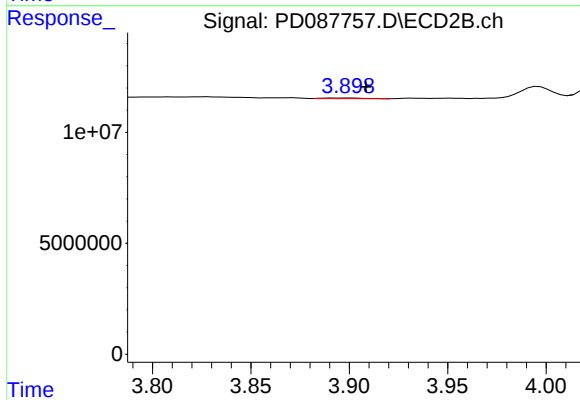
R.T.: 7.194 min  
Delta R.T.: 0.001 min  
Response: 17385430  
Conc: 1.37 ng/ml



#23 Chlordane-1

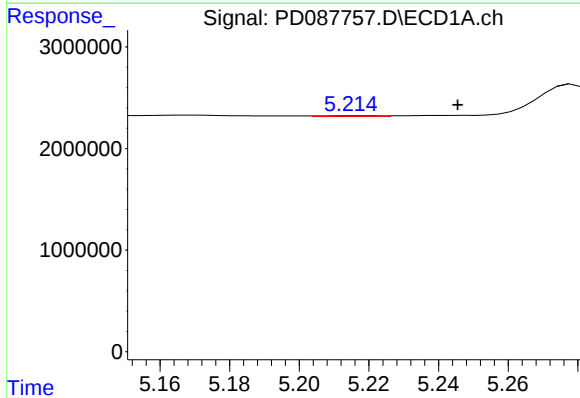
R.T.: 0.000 min  
Exp R.T.: 4.720 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



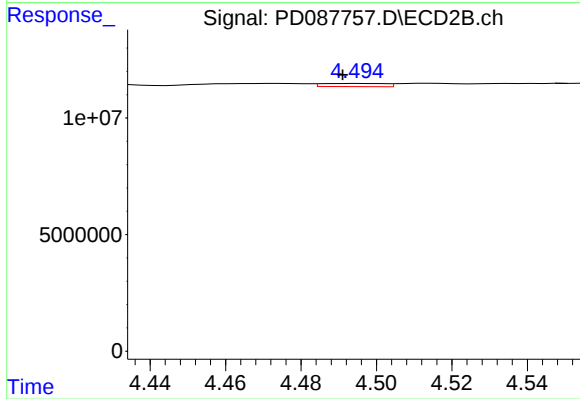
#23 Chlordane-1

R.T.: 3.899 min  
Delta R.T.: -0.009 min  
Response: 411161  
Conc: 0.74 ng/ml



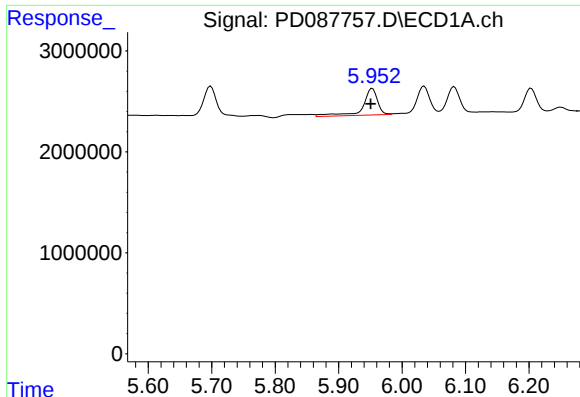
#24 Chlordane-2

R.T.: 5.216 min  
Delta R.T.: -0.029 min  
Response: 84125  
Conc: 0.62 ng/ml



#24 Chlordane-2

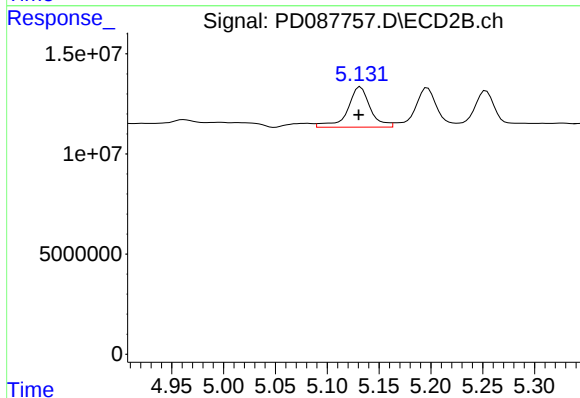
R.T.: 4.496 min  
Delta R.T.: 0.005 min  
Response: 1573662  
Conc: 2.66 ng/ml



#25 Chlordane-3

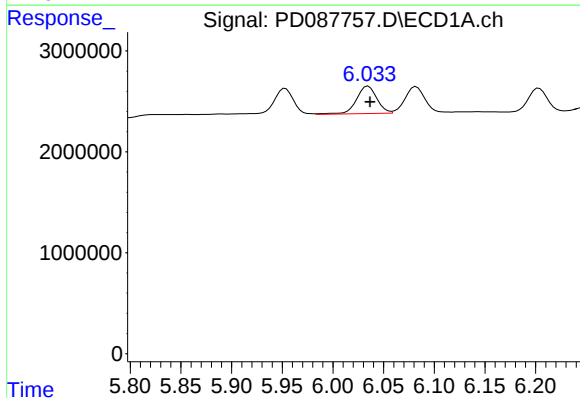
R.T.: 5.953 min  
Delta R.T.: 0.003 min  
Response: 4238938  
Conc: 8.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



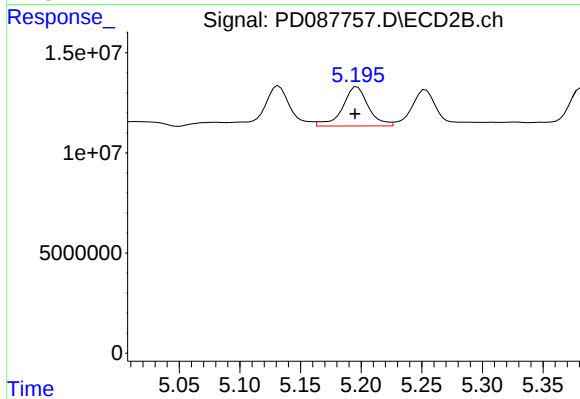
#25 Chlordane-3

R.T.: 5.132 min  
Delta R.T.: 0.002 min  
Response: 30741082  
Conc: 17.61 ng/ml



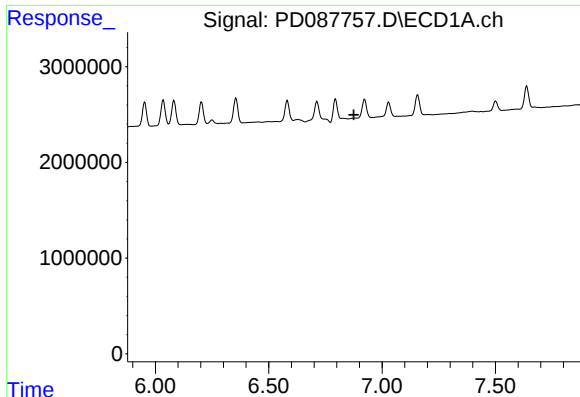
#26 Chlordane-4

R.T.: 6.035 min  
Delta R.T.: -0.002 min  
Response: 3802772  
Conc: 6.26 ng/ml



#26 Chlordane-4

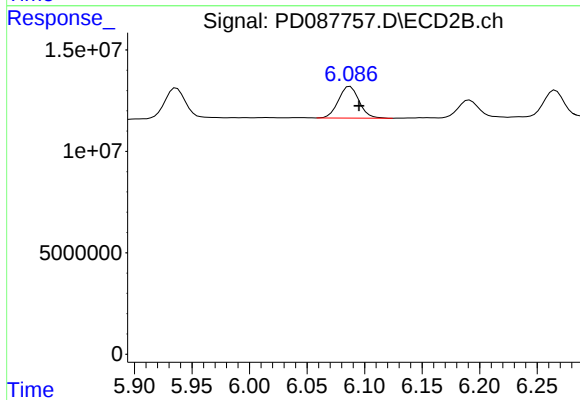
R.T.: 5.197 min  
Delta R.T.: 0.002 min  
Response: 29087894  
Conc: 19.71 ng/ml



#27 Chlordane-5

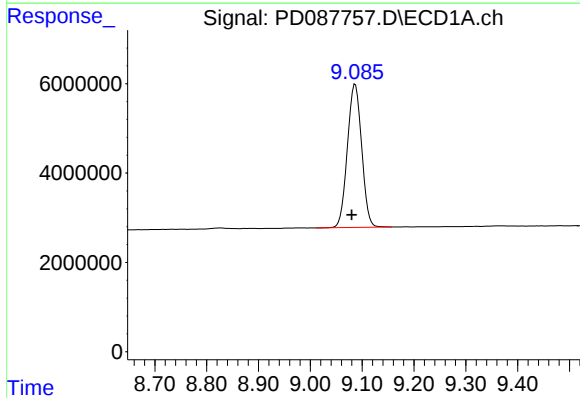
R.T.: 0.000 min  
Exp R.T.: 6.876 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



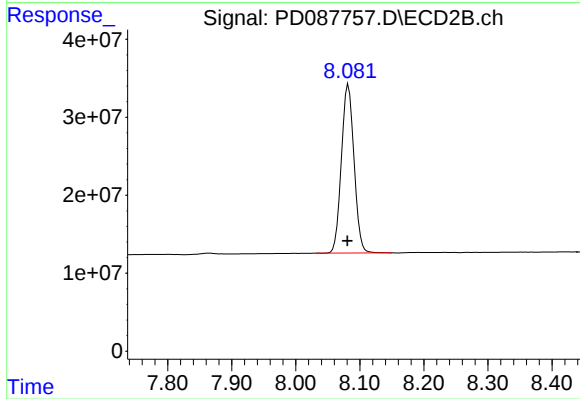
#27 Chlordane-5

R.T.: 6.087 min  
Delta R.T.: -0.008 min  
Response: 19579090  
Conc: 29.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min  
Delta R.T.: 0.007 min  
Response: 61285757  
Conc: 20.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min  
Delta R.T.: 0.002 min  
Response: 296071287  
Conc: 20.95 ng/ml