

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042424\  
 Data File : PL089168.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Apr 2024 14:25  
 Operator : AR\AJ  
 Sample : P2247-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PL-02-04232024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 25 01:28:49 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 15 18:43:22 2024  
 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 x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.549  | 2.797  | 21765267 | 14048617 | 10.241  | 10.540   |
| 28)                         | SA Decachlor... | 9.063  | 7.950  | 16594075 | 13239617 | 13.028  | 9.887    |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.998  | 3.323f | 1354967  | 85557    | 0.453   | 0.043 #  |
| 3)                          | MA gamma-BHC... | 4.352  | 3.653f | 7467457  | 94453    | 2.588   | 0.049 #  |
| 4)                          | MA Heptachlor   | 4.925  | 3.974  | 1095798  | 393424   | 0.440   | 0.219 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.256  | 0        | 581626   | N.D.    | 0.317 #  |
| 6)                          | B beta-BHC      | 4.552f | 3.948f | 4430189  | 264683   | 3.301   | 0.317 #  |
| 7)                          | B delta-BHC     | 4.776  | 4.153  | 1950548  | 123175   | 0.729   | 0.067 #  |
| 8)                          | B Heptachlo...  | 5.717f | 4.757  | 8776236  | 245704   | 3.719   | 0.148 #  |
| 9)                          | A Endosulfan I  | 6.077  | 5.151f | 3302670  | 507114   | 1.510   | 0.337 #  |
| 10)                         | B gamma-Chl...  | 5.950  | 5.034f | 15329880 | 5327709  | 6.669   | 3.248 #  |
| 11)                         | B alpha-Chl...  | 6.033  | 5.073  | 19277999 | 3712667  | 8.421   | 2.245 #  |
| 12)                         | B 4,4'-DDE      | 6.186f | 5.262  | 3572385  | 2178406  | 1.778   | 1.481    |
| 13)                         | MA Dieldrin     | 6.374f | 5.398  | 9293962  | 723271   | 4.121   | 0.442 #  |
| 14)                         | MA Endrin       | 6.577  | 5.682  | 2120865  | 409873   | 1.128   | 0.282 #  |
| 15)                         | B Endosulfa...  | 6.819f | 5.969  | 1727812  | 1191539  | 0.897   | 0.833    |
| 16)                         | A 4,4'-DDD      | 6.716  | 5.817  | 3331238  | 485410   | 2.067   | 0.401 #  |
| 17)                         | MA 4,4'-DDT     | 7.030  | 6.067  | 4171845  | 1877802  | 2.289   | 1.433 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.135  | 0        | 108314   | N.D.    | 0.099 #  |
| 19)                         | B Endosulfa...  | 7.169  | 6.394f | 520082   | 121814   | 0.303   | 0.090 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.619f | 0        | 135043   | N.D.    | 0.181 #  |
| 21)                         | B Endrin ke...  | 7.671f | 0.000  | 565127   | 0        | 0.293   | N.D. #   |
| 22)                         | Mirex           | 0.000  | 7.080f | 0        | 179733   | N.D.    | 0.136 #  |
| 23)                         | Chlordane-1     | 4.715  | 3.799  | 4836237  | 1398283  | 53.238  | 27.239 # |
| 24)                         | Chlordane-2     | 5.239  | 4.380  | 11265046 | 2670472  | 119.260 | 41.119 # |
| 25)                         | Chlordane-3     | 5.950  | 5.034f | 15329880 | 5327709  | 47.563  | 30.847 # |
| 26)                         | Chlordane-4     | 6.033  | 5.073  | 19277999 | 3712667  | 48.765  | 22.890 # |
| 27)                         | Chlordane-5     | 0.000  | 5.739  | 0        | 359224   | N.D.    | 7.126 #  |
| -----                       |                 |        |        |          |          |         |          |

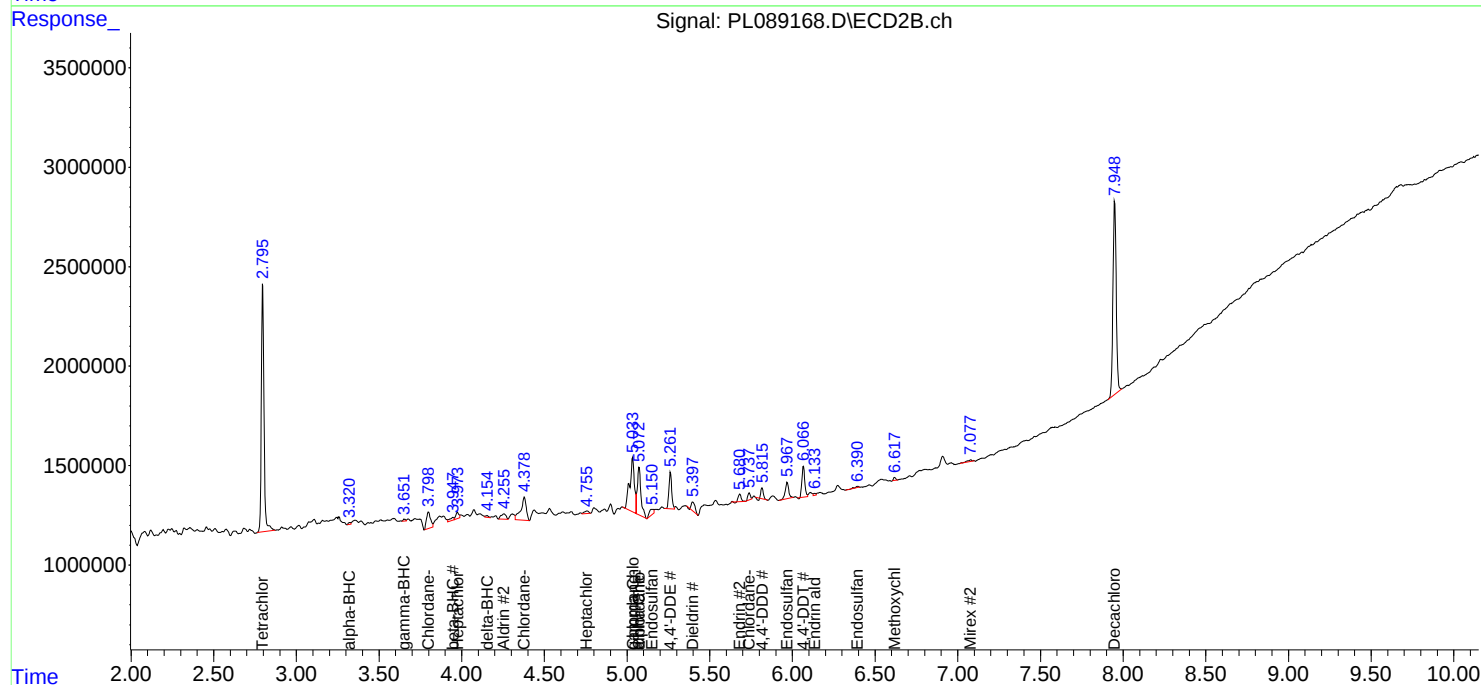
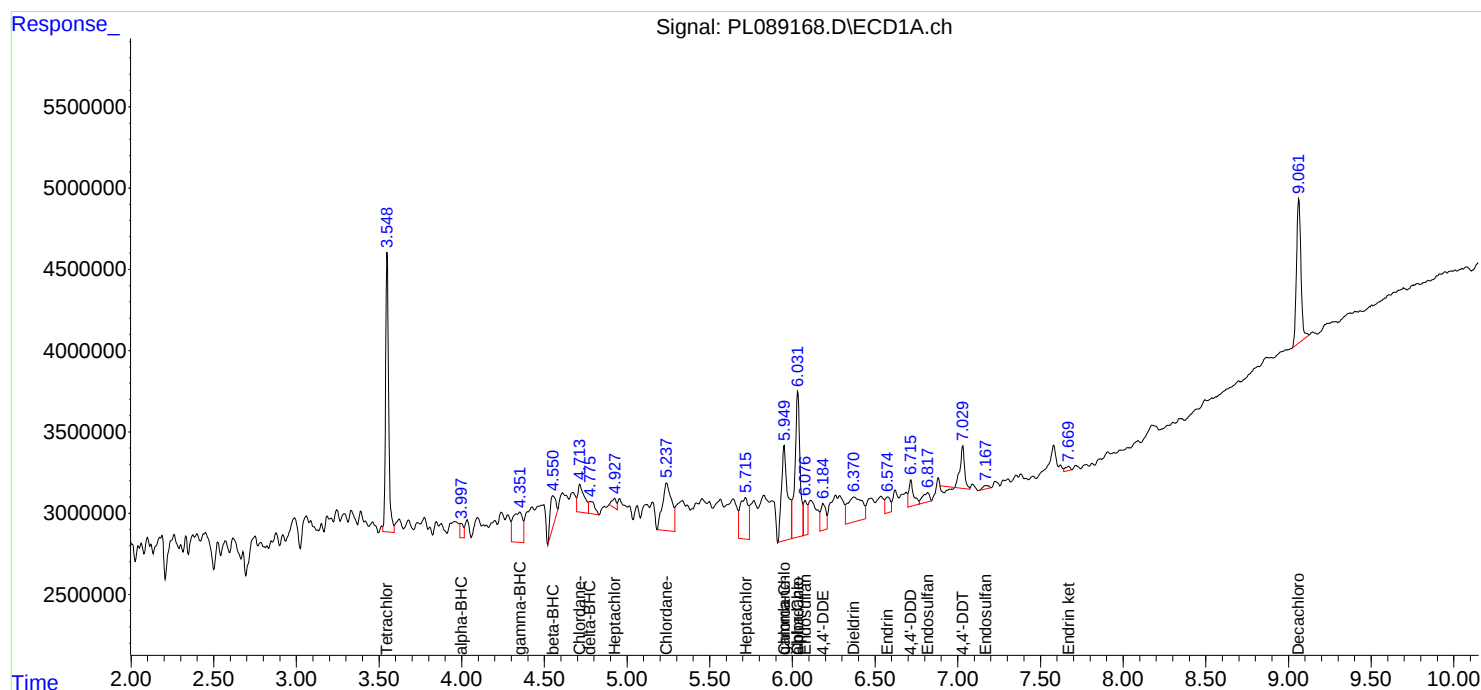
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

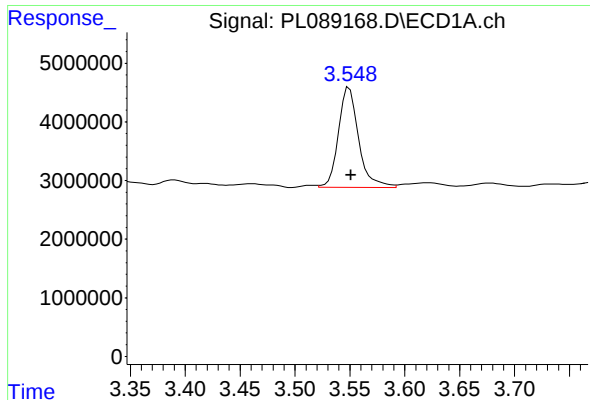
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042424\  
Data File : PL089168.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Apr 2024 14:25  
Operator : AR\AJ  
Sample : P2247-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 25 01:28:49 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 15 18:43:22 2024  
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 x0.5µm

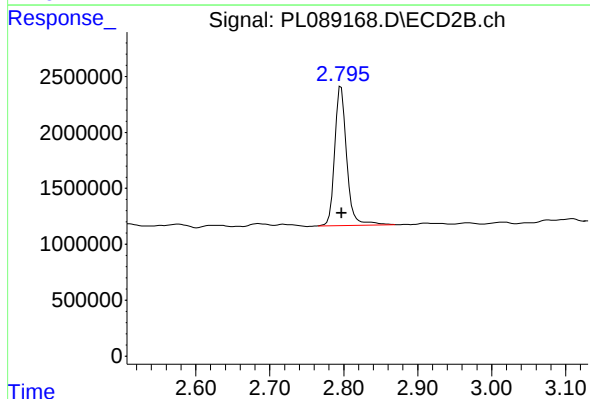




#1 Tetrachloro-m-xylene

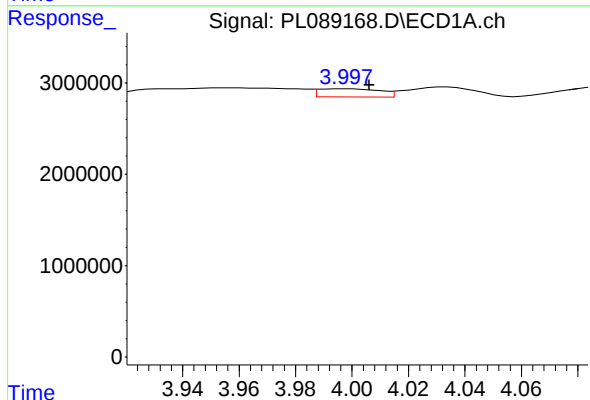
R.T.: 3.549 min  
Delta R.T.: -0.002 min  
Response: 21765267  
Conc: 10.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



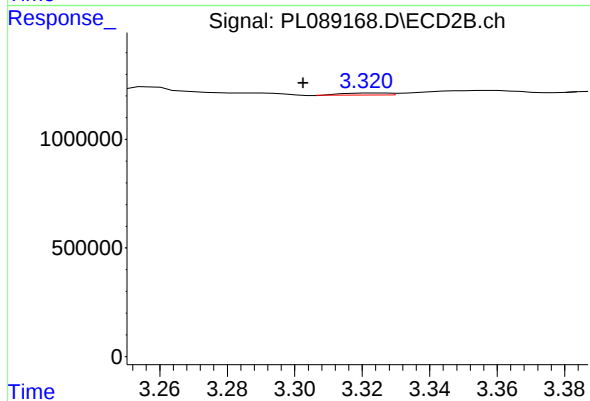
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 14048617  
Conc: 10.54 ng/ml



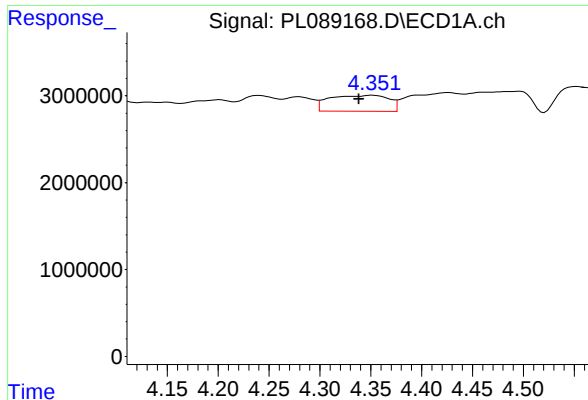
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.008 min  
Response: 1354967  
Conc: 0.45 ng/ml



#2 alpha-BHC

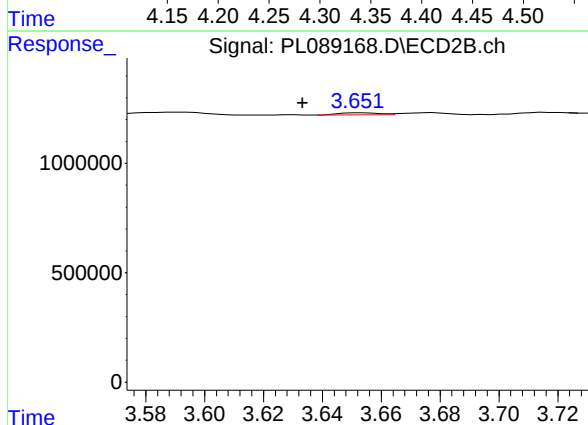
R.T.: 3.323 min  
Delta R.T.: 0.021 min  
Response: 85557  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

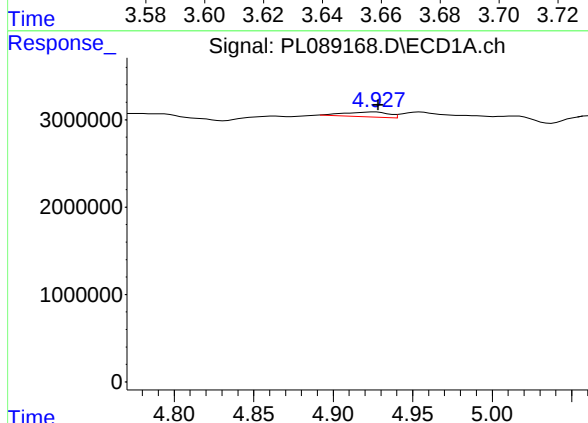
R.T.: 4.352 min  
Delta R.T.: 0.014 min  
Response: 7467457  
Conc: 2.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



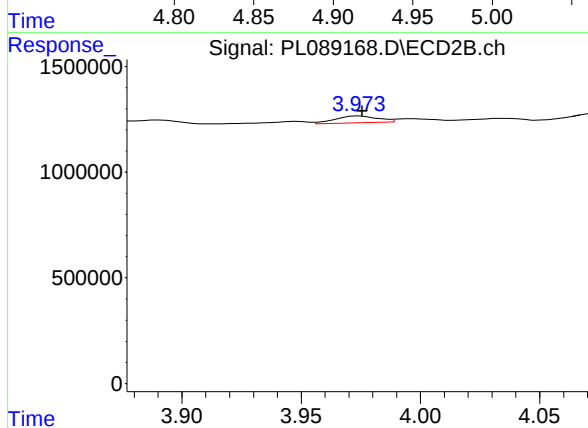
#3 gamma-BHC (Lindane)

R.T.: 3.653 min  
Delta R.T.: 0.019 min  
Response: 94453  
Conc: 0.05 ng/ml



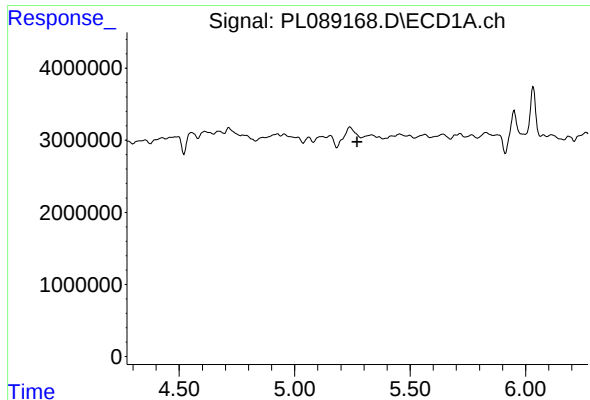
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: -0.003 min  
Response: 1095798  
Conc: 0.44 ng/ml



#4 Heptachlor

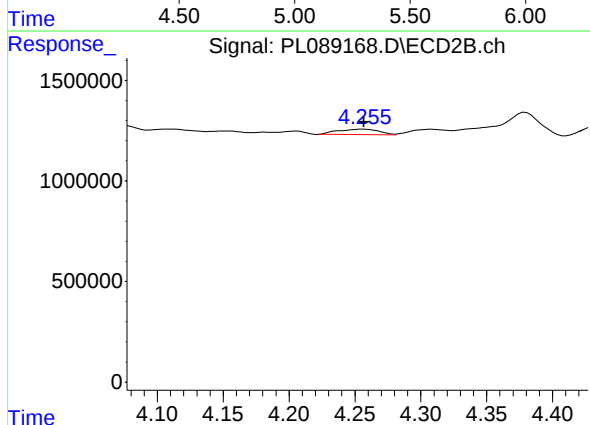
R.T.: 3.974 min  
Delta R.T.: -0.001 min  
Response: 393424  
Conc: 0.22 ng/ml



#5 Aldrin

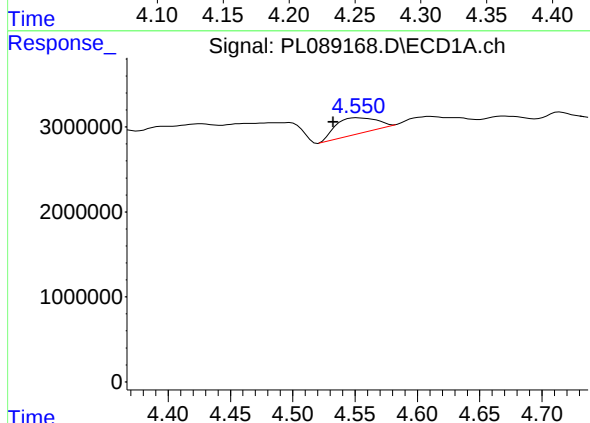
R.T.: 0.000 min  
Exp R.T.: 5.271 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



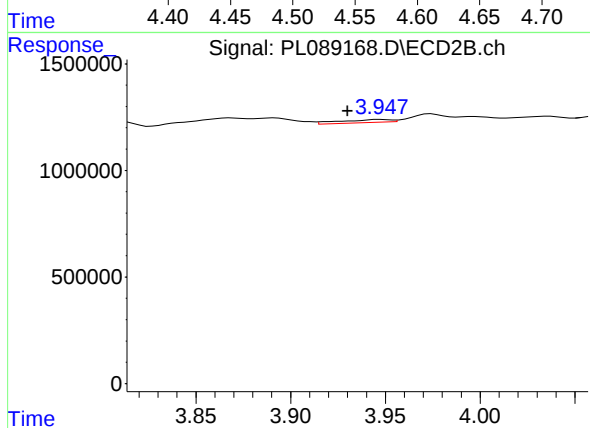
#5 Aldrin

R.T.: 4.256 min  
Delta R.T.: 0.000 min  
Response: 581626  
Conc: 0.32 ng/ml



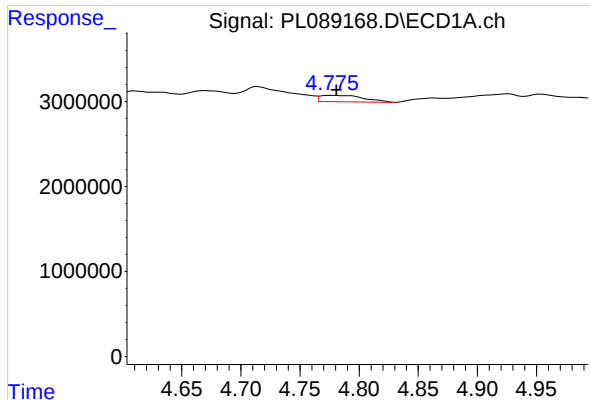
#6 beta-BHC

R.T.: 4.552 min  
Delta R.T.: 0.020 min  
Response: 4430189  
Conc: 3.30 ng/ml



#6 beta-BHC

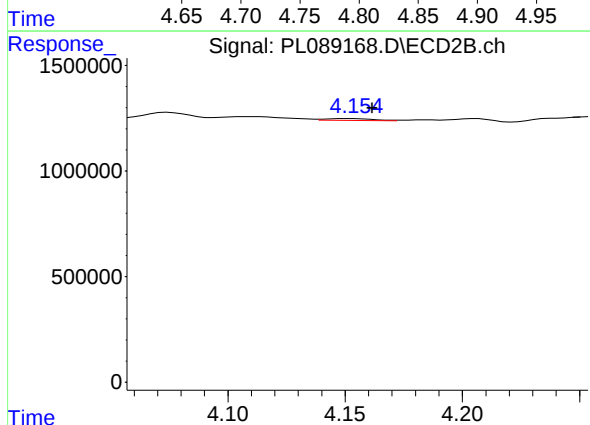
R.T.: 3.948 min  
Delta R.T.: 0.018 min  
Response: 264683  
Conc: 0.32 ng/ml



#7 delta-BHC

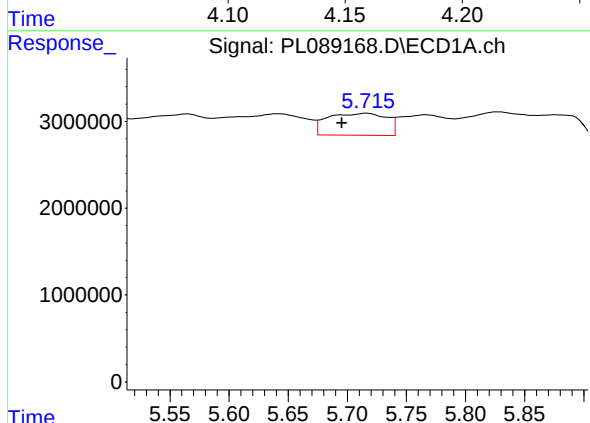
R.T.: 4.776 min  
Delta R.T.: -0.005 min  
Response: 1950548  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



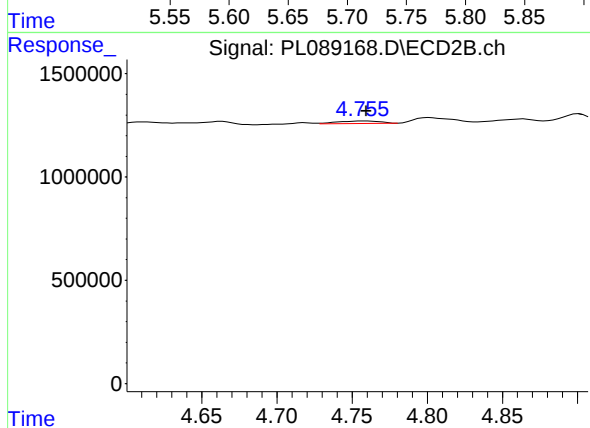
#7 delta-BHC

R.T.: 4.153 min  
Delta R.T.: -0.008 min  
Response: 123175  
Conc: 0.07 ng/ml



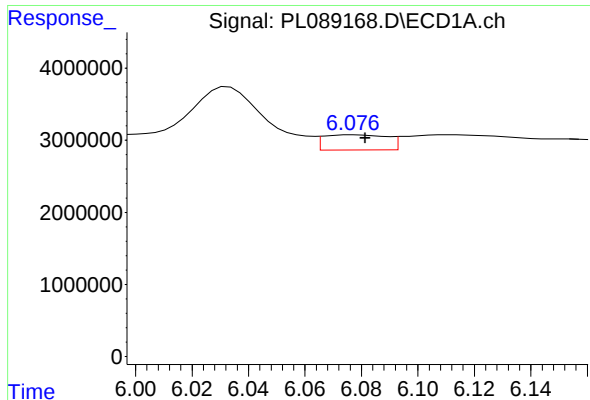
#8 Heptachlor epoxide

R.T.: 5.717 min  
Delta R.T.: 0.021 min  
Response: 8776236  
Conc: 3.72 ng/ml



#8 Heptachlor epoxide

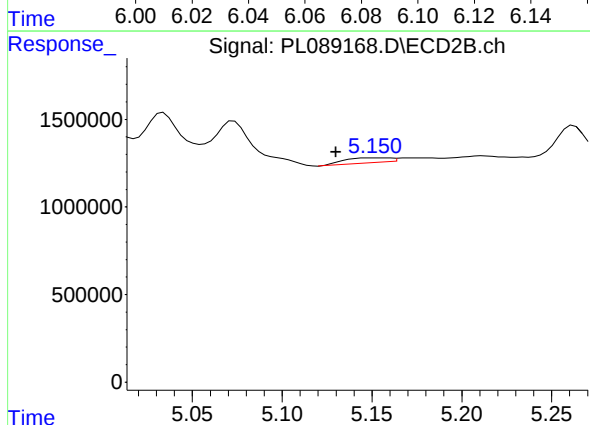
R.T.: 4.757 min  
Delta R.T.: -0.003 min  
Response: 245704  
Conc: 0.15 ng/ml



#9 Endosulfan I

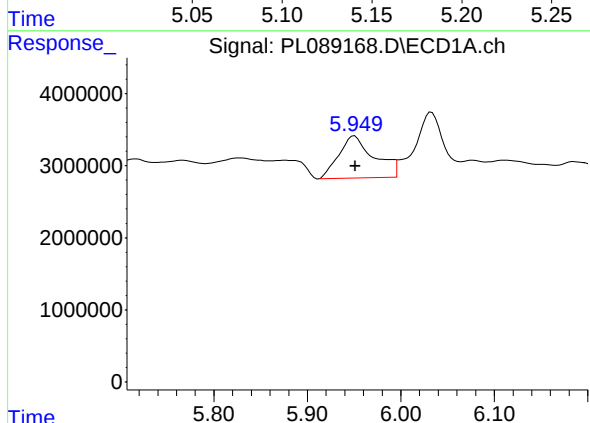
R.T.: 6.077 min  
Delta R.T.: -0.004 min  
Response: 3302670  
Conc: 1.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



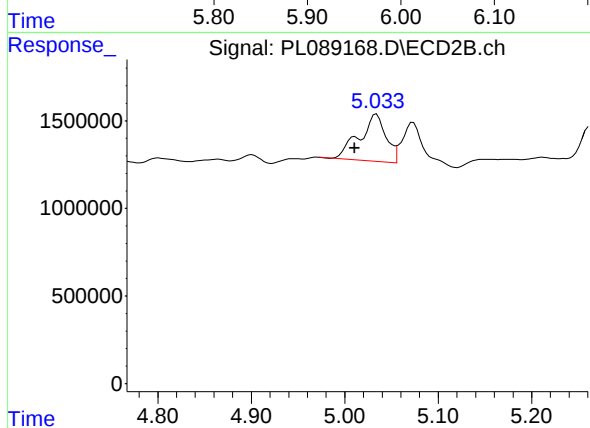
#9 Endosulfan I

R.T.: 5.151 min  
Delta R.T.: 0.021 min  
Response: 507114  
Conc: 0.34 ng/ml



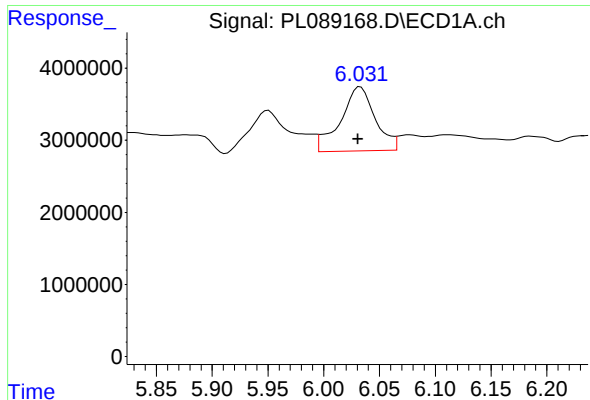
#10 gamma-Chlordane

R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 15329880  
Conc: 6.67 ng/ml



#10 gamma-Chlordane

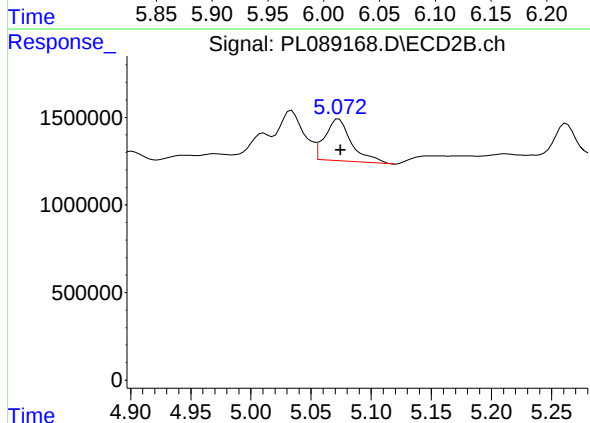
R.T.: 5.034 min  
Delta R.T.: 0.023 min  
Response: 5327709  
Conc: 3.25 ng/ml



#11 alpha-Chlordane

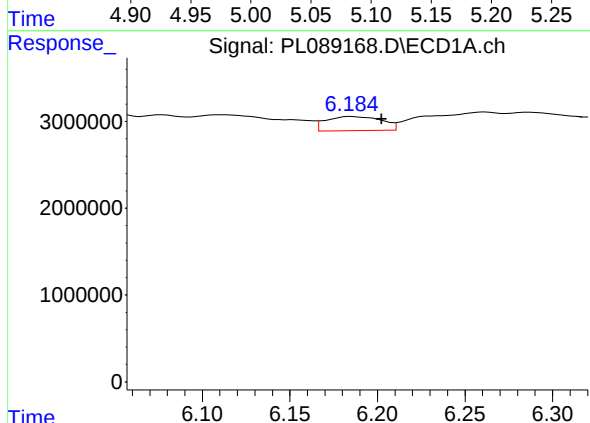
R.T.: 6.033 min  
Delta R.T.: 0.002 min  
Response: 19277999  
Conc: 8.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



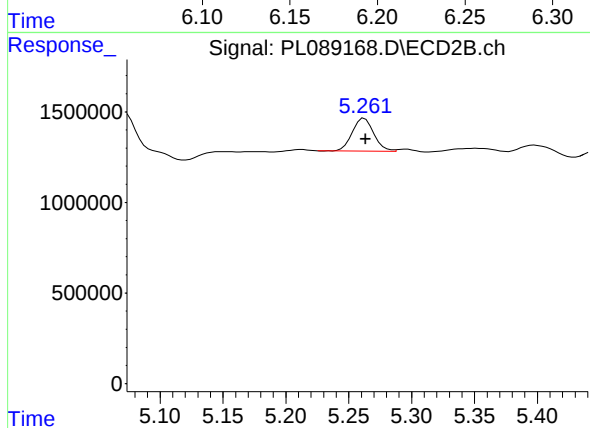
#11 alpha-Chlordane

R.T.: 5.073 min  
Delta R.T.: -0.001 min  
Response: 3712667  
Conc: 2.25 ng/ml



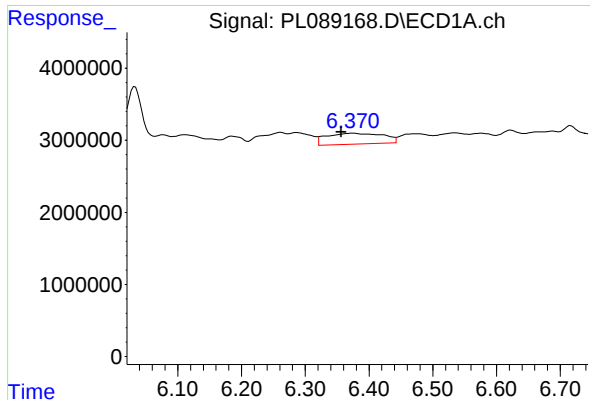
#12 4,4'-DDE

R.T.: 6.186 min  
Delta R.T.: -0.017 min  
Response: 3572385  
Conc: 1.78 ng/ml



#12 4,4'-DDE

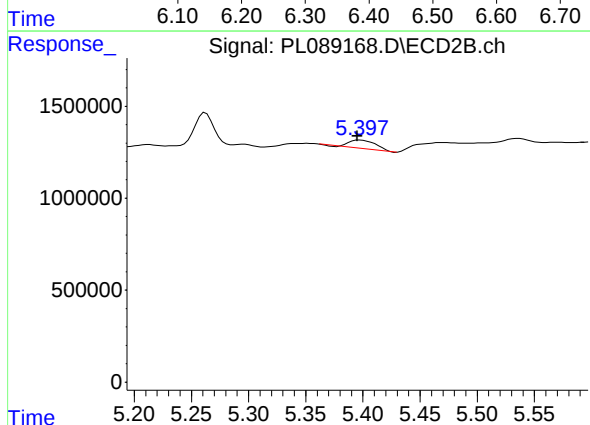
R.T.: 5.262 min  
Delta R.T.: -0.001 min  
Response: 2178406  
Conc: 1.48 ng/ml



#13 Dieldrin

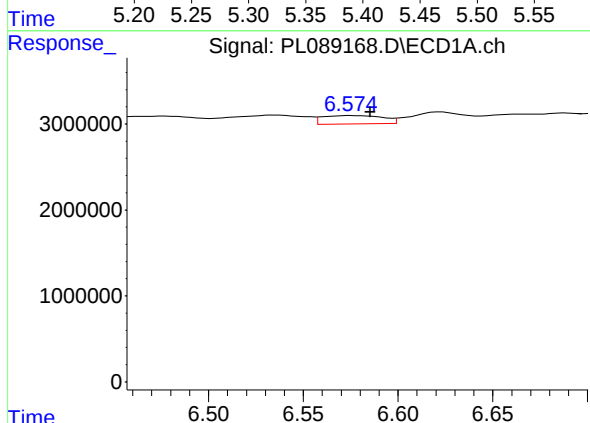
R.T.: 6.374 min  
Delta R.T.: 0.018 min  
Response: 9293962  
Conc: 4.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



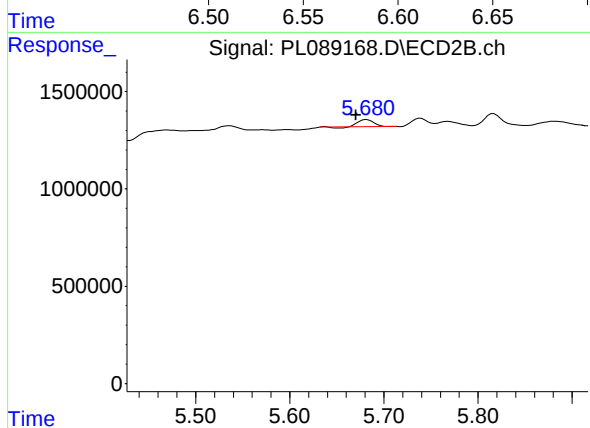
#13 Dieldrin

R.T.: 5.398 min  
Delta R.T.: 0.003 min  
Response: 723271  
Conc: 0.44 ng/ml



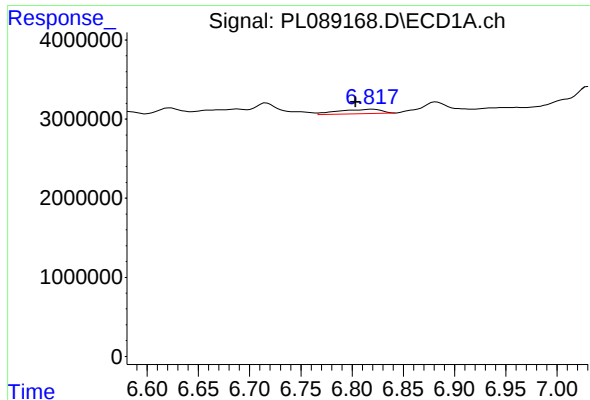
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: -0.009 min  
Response: 2120865  
Conc: 1.13 ng/ml



#14 Endrin

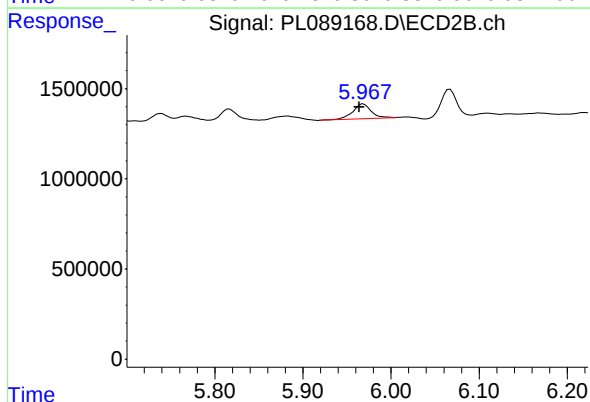
R.T.: 5.682 min  
Delta R.T.: 0.011 min  
Response: 409873  
Conc: 0.28 ng/ml



#15 Endosulfan II

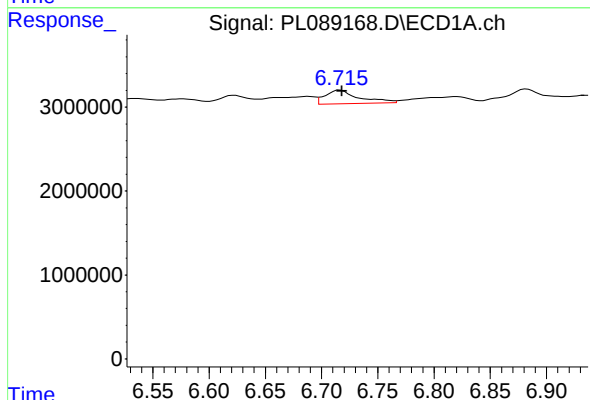
R.T.: 6.819 min  
Delta R.T.: 0.016 min  
Response: 1727812  
Conc: 0.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



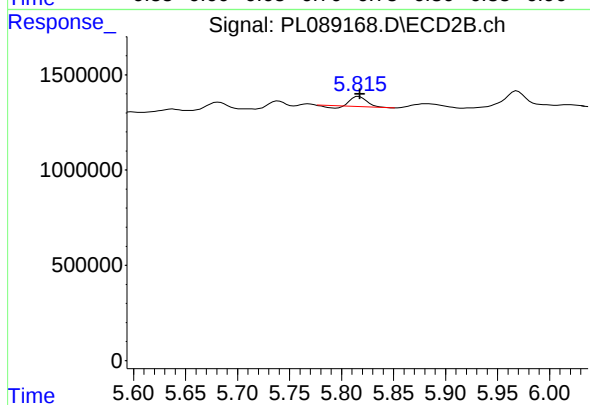
#15 Endosulfan II

R.T.: 5.969 min  
Delta R.T.: 0.005 min  
Response: 1191539  
Conc: 0.83 ng/ml



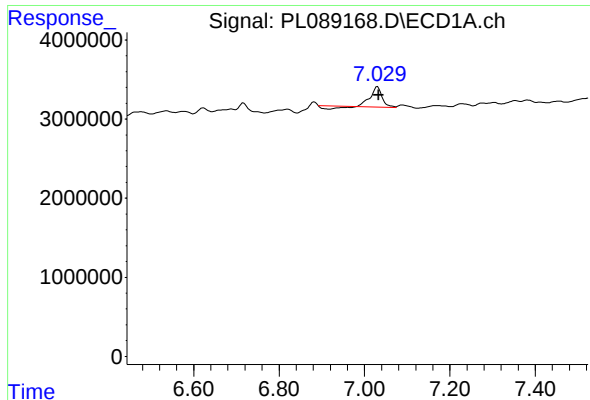
#16 4,4'-DDD

R.T.: 6.716 min  
Delta R.T.: -0.002 min  
Response: 3331238  
Conc: 2.07 ng/ml



#16 4,4'-DDD

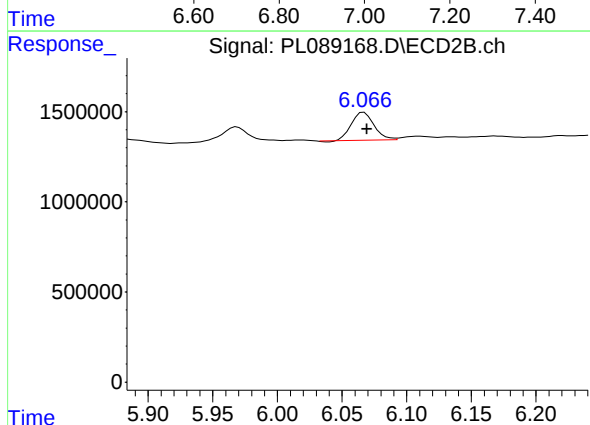
R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 485410  
Conc: 0.40 ng/ml



#17 4,4'-DDT

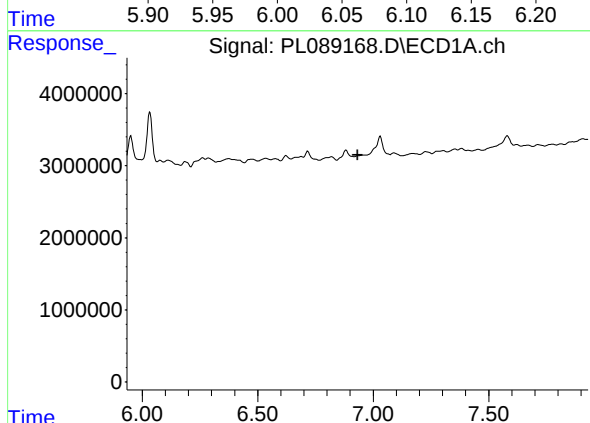
R.T.: 7.030 min  
Delta R.T.: -0.002 min  
Response: 4171845  
Conc: 2.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



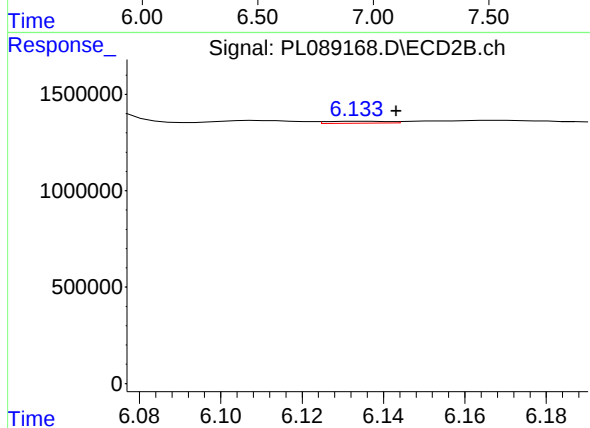
#17 4,4'-DDT

R.T.: 6.067 min  
Delta R.T.: -0.002 min  
Response: 1877802  
Conc: 1.43 ng/ml



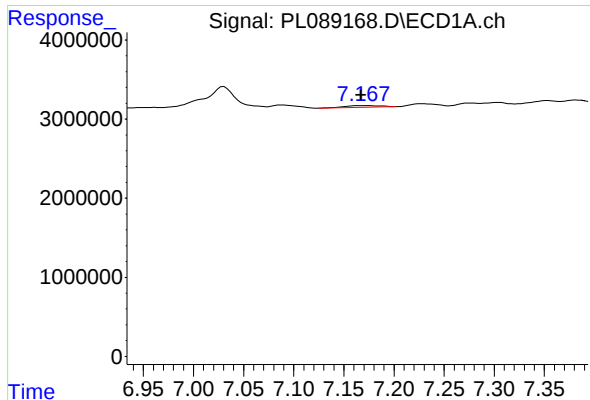
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.933 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

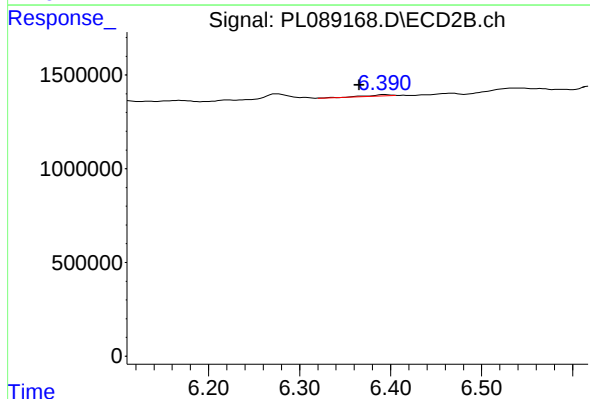
R.T.: 6.135 min  
Delta R.T.: -0.008 min  
Response: 108314  
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

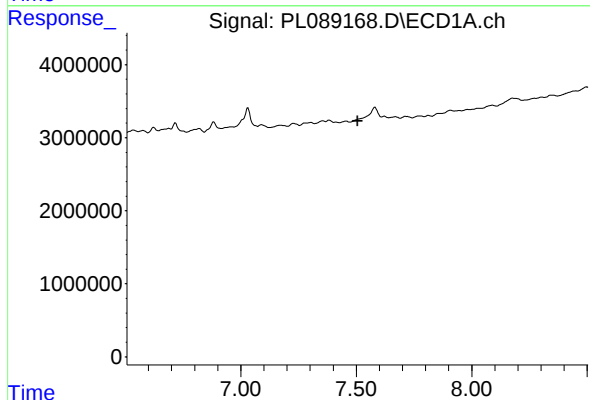
R.T.: 7.169 min  
Delta R.T.: 0.002 min  
Response: 520082  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



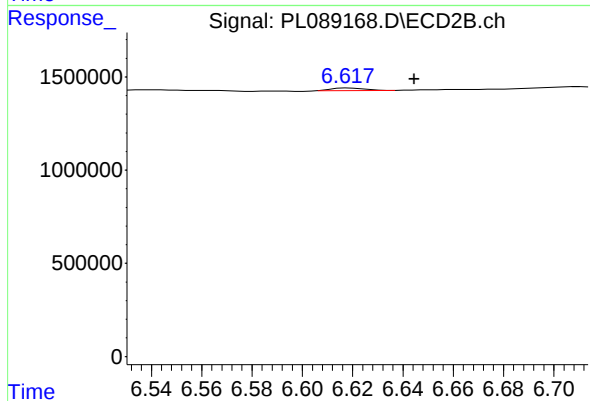
#19 Endosulfan Sulfate

R.T.: 6.394 min  
Delta R.T.: 0.028 min  
Response: 121814  
Conc: 0.09 ng/ml



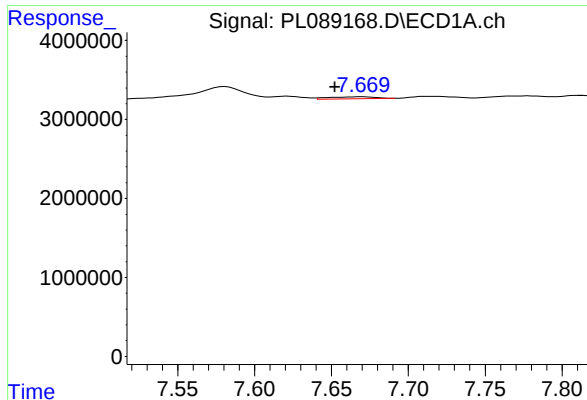
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.506 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

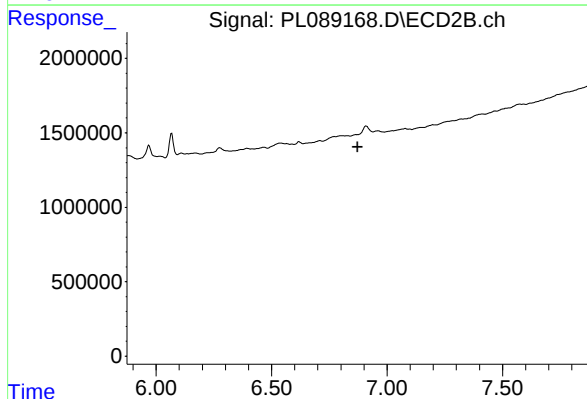
R.T.: 6.619 min  
Delta R.T.: -0.026 min  
Response: 135043  
Conc: 0.18 ng/ml



#21 Endrin ketone

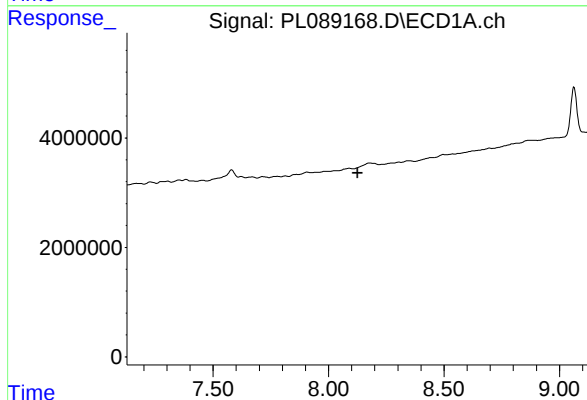
R.T.: 7.671 min  
Delta R.T.: 0.018 min  
Response: 565127  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



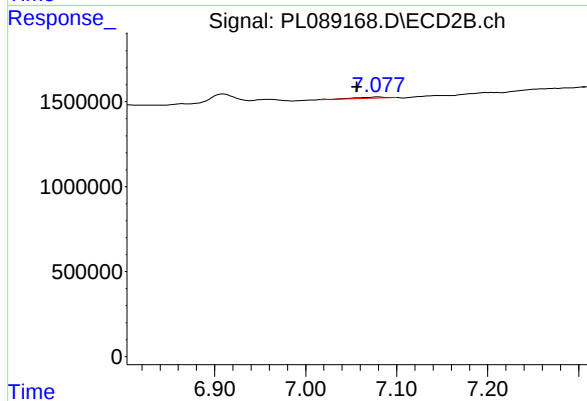
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.873 min  
Response: 0  
Conc: N.D.



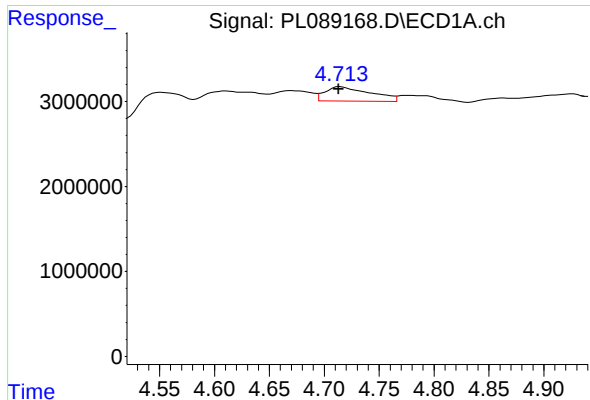
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.127 min  
Response: 0  
Conc: N.D.



#22 Mirex

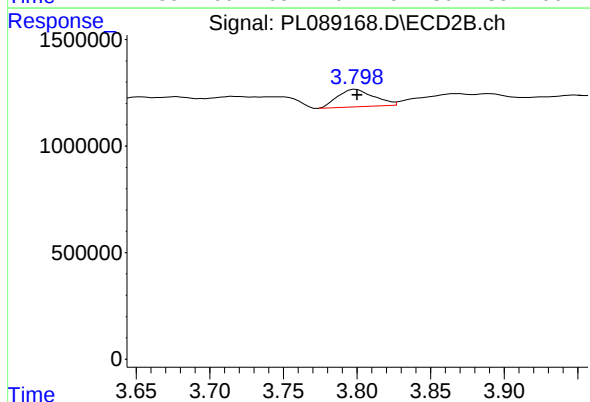
R.T.: 7.080 min  
Delta R.T.: 0.023 min  
Response: 179733  
Conc: 0.14 ng/ml



#23 Chlordane-1

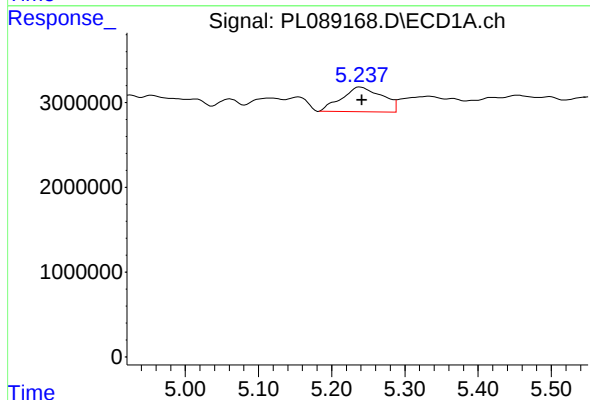
R.T.: 4.715 min  
Delta R.T.: 0.002 min  
Response: 4836237  
Conc: 53.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



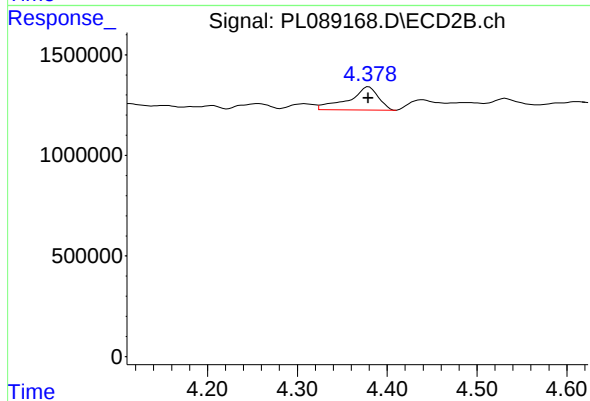
#23 Chlordane-1

R.T.: 3.799 min  
Delta R.T.: -0.001 min  
Response: 1398283  
Conc: 27.24 ng/ml



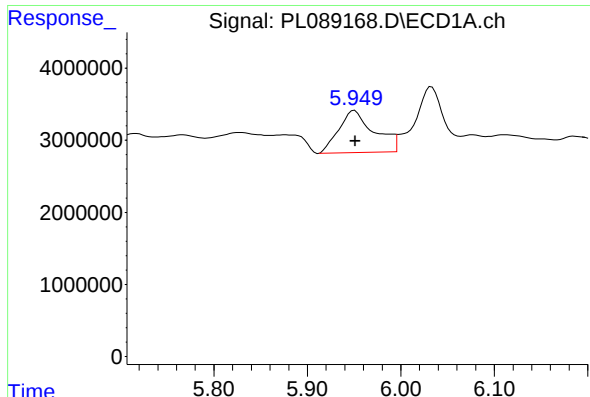
#24 Chlordane-2

R.T.: 5.239 min  
Delta R.T.: -0.002 min  
Response: 11265046  
Conc: 119.26 ng/ml



#24 Chlordane-2

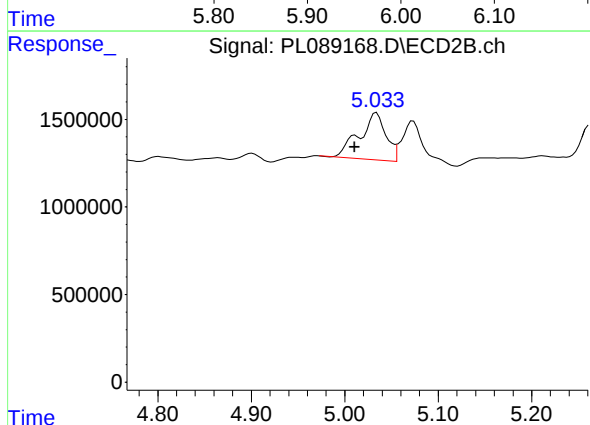
R.T.: 4.380 min  
Delta R.T.: 0.000 min  
Response: 2670472  
Conc: 41.12 ng/ml



#25 Chlordane-3

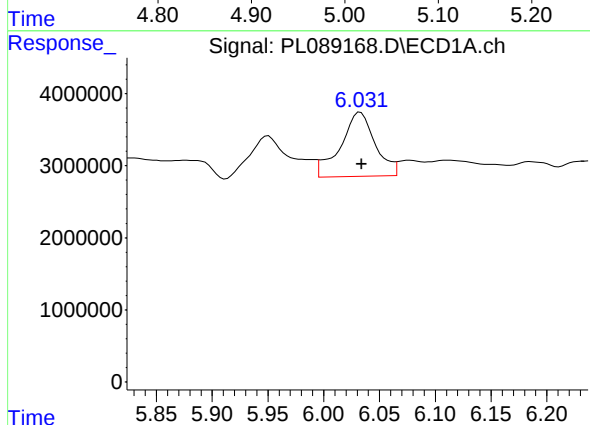
R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 15329880  
Conc: 47.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



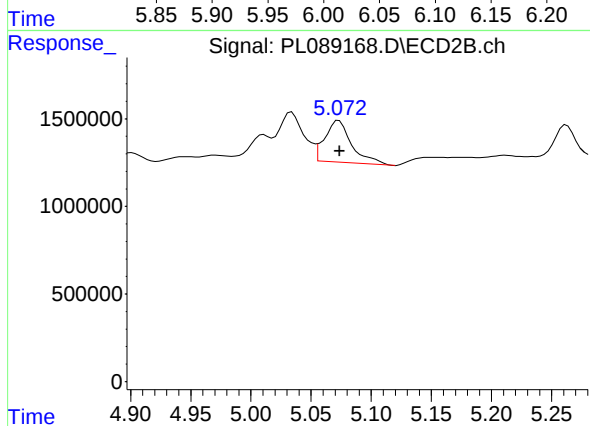
#25 Chlordane-3

R.T.: 5.034 min  
Delta R.T.: 0.023 min  
Response: 5327709  
Conc: 30.85 ng/ml



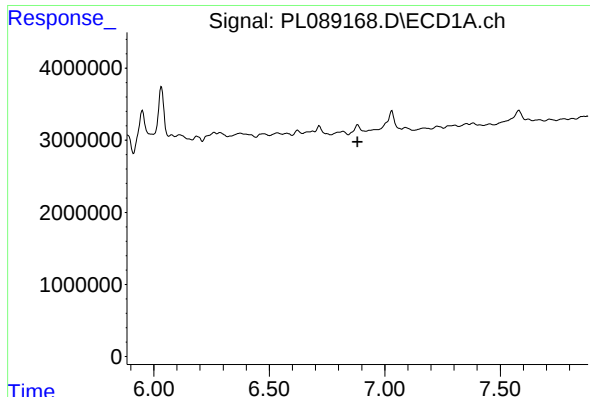
#26 Chlordane-4

R.T.: 6.033 min  
Delta R.T.: -0.001 min  
Response: 19277999  
Conc: 48.76 ng/ml



#26 Chlordane-4

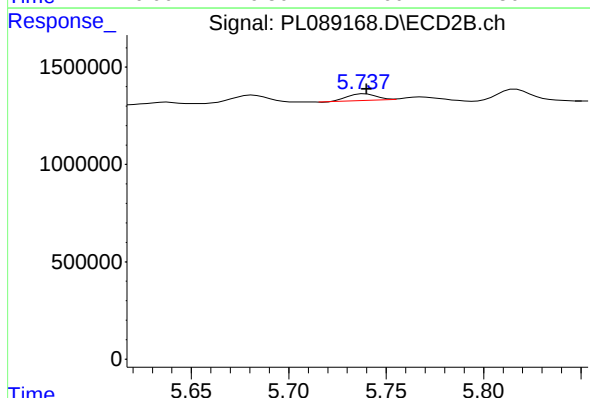
R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 3712667  
Conc: 22.89 ng/ml



#27 Chlordane-5

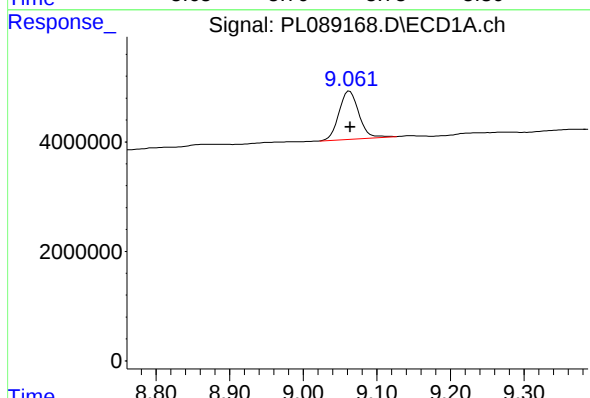
R.T.: 0.000 min  
Exp R.T.: 6.882 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PL-02-04232024



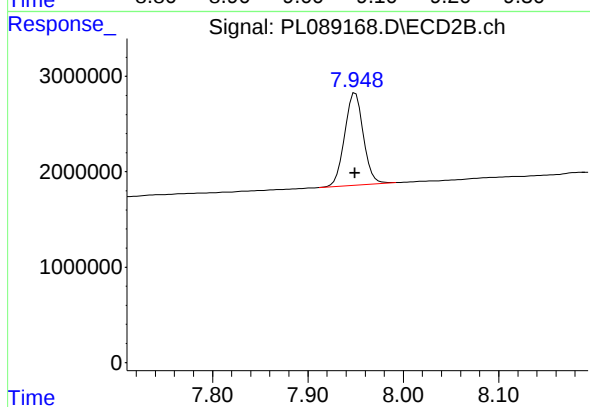
#27 Chlordane-5

R.T.: 5.739 min  
Delta R.T.: 0.000 min  
Response: 359224  
Conc: 7.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: -0.001 min  
Response: 16594075  
Conc: 13.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min  
Delta R.T.: 0.000 min  
Response: 13239617  
Conc: 9.89 ng/ml