

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081524\  
 Data File : PL091113.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2024 12:32  
 Operator : AR\AJ  
 Sample : P3519-11RE  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OU4-TS-21-080724RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 15 13:41:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 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... | 3.544  | 2.785  | 31377491 | 26080091 | 14.613 | 13.361    |
| 28)                         | SA Decachlor... | 9.055  | 7.925  | 8370429  | 12398122 | 5.490  | 6.546     |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 4.019f | 3.285  | 5027406  | -168163  | 1.677  | N.D. #    |
| 3)                          | MA gamma-BHC... | 0.000  | 3.626  | 0        | 2868033  | N.D.   | 1.089 #   |
| 4)                          | MA Heptachlor   | 0.000  | 3.956  | 0        | 1833480  | N.D.   | 0.710 #   |
| 5)                          | MB Aldrin       | 5.239f | 4.247  | 2544947  | 4502295  | 0.986  | 1.831 #   |
| 7)                          | B delta-BHC     | 0.000  | 4.151  | 0        | 1505346  | N.D.   | 0.594 #   |
| 8)                          | B Heptachlo...  | 5.682  | 4.742  | 18562762 | 183736   | 7.587  | 0.081 #   |
| 9)                          | A Endosulfan I  | 6.078  | 5.140f | 2378639  | 5805582  | 1.059  | 2.751 #   |
| 10)                         | B gamma-Chl...  | 5.943  | 4.991  | 30550753 | 8761077  | 12.643 | 3.706 #   |
| 11)                         | B alpha-Chl...  | 6.025  | 5.054  | 24206500 | 8832280  | 10.054 | 3.754 #   |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.243  | 6558756  | 6625998  | 3.135  | 3.171     |
| 13)                         | MA Dieldrin     | 6.348  | 5.378  | 3541337  | 6439901  | 1.504  | 2.828 #   |
| 14)                         | MA Endrin       | 0.000  | 5.668f | 0        | 6452991  | N.D.   | 3.168 #   |
| 15)                         | B Endosulfa...  | 6.775f | 5.948  | 2582050  | 1641286  | 1.276  | 0.848 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.798  | 0        | 1222618  | N.D.   | 0.741 #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.049  | 0        | 3900769  | N.D.   | 2.196 #   |
| 18)                         | B Endrin al...  | 0.000  | 6.110  | 0        | 5309221  | N.D.   | 3.408 #   |
| 19)                         | B Endosulfa...  | 7.188f | 6.335  | 5298881  | 317439   | 2.762  | 0.165 #   |
| 21)                         | B Endrin ke...  | 0.000  | 6.836f | 0        | 114506   | N.D.   | 0.053 #   |
| 22)                         | Mirex           | 0.000  | 7.032  | 0        | 820482   | N.D.   | 0.440 #   |
| 23)                         | Chlordane-1     | 0.000  | 3.784  | 0        | 3186516  | N.D.   | 43.709 #  |
| 24)                         | Chlordane-2     | 5.239  | 4.361  | 2544947  | 10857787 | 25.064 | 115.563 # |
| 25)                         | Chlordane-3     | 5.943  | 4.991  | 30550753 | 8761077  | 87.960 | 36.078 #  |
| 26)                         | Chlordane-4     | 6.025  | 5.054  | 24206500 | 8832280  | 57.551 | 37.879 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.720  | 0        | 3793827  | N.D.   | 54.796 #  |
| -----                       |                 |        |        |          |          |        |           |

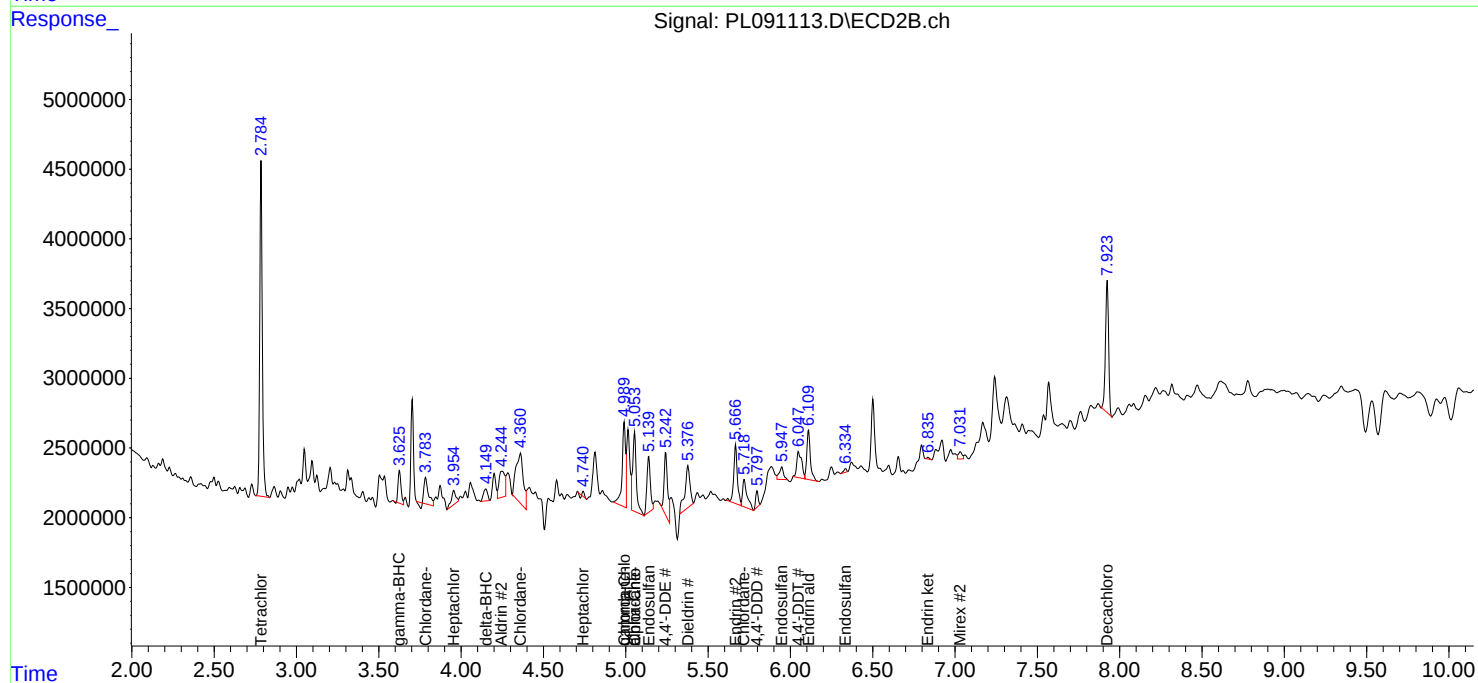
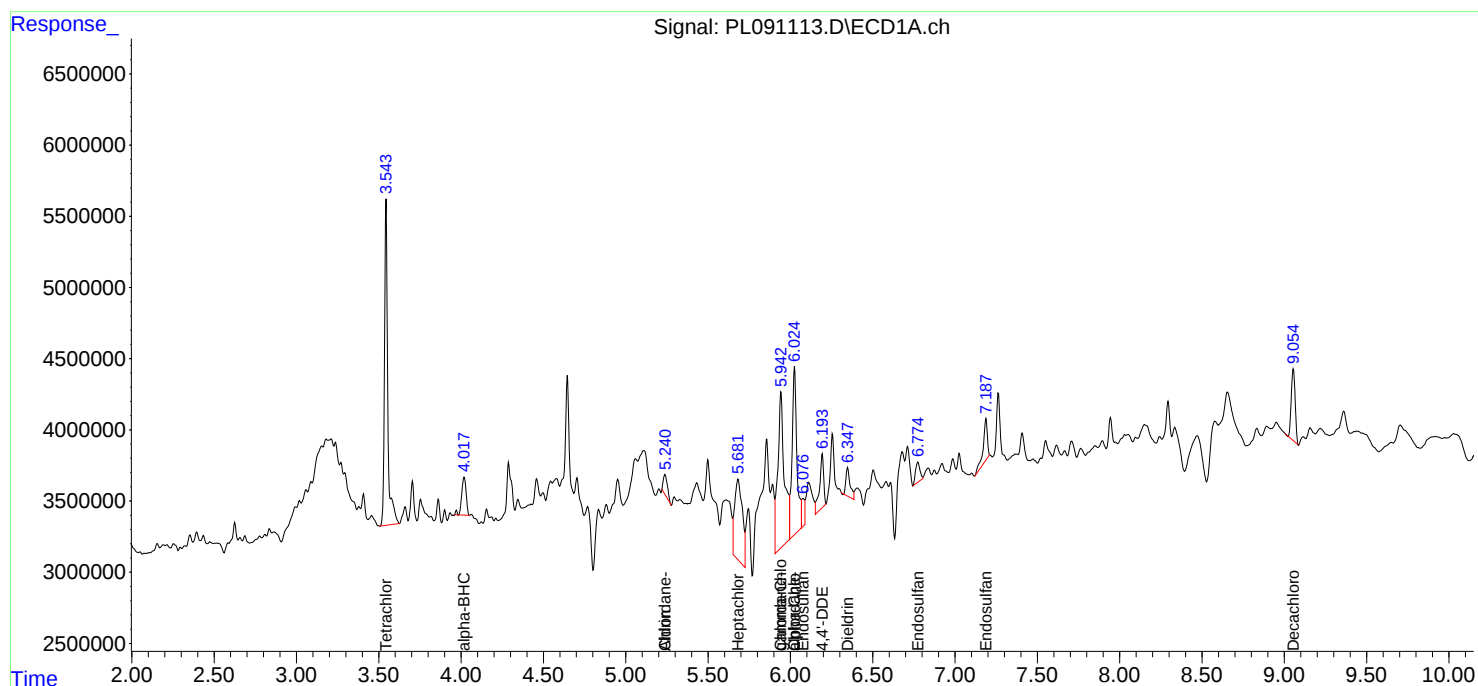
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

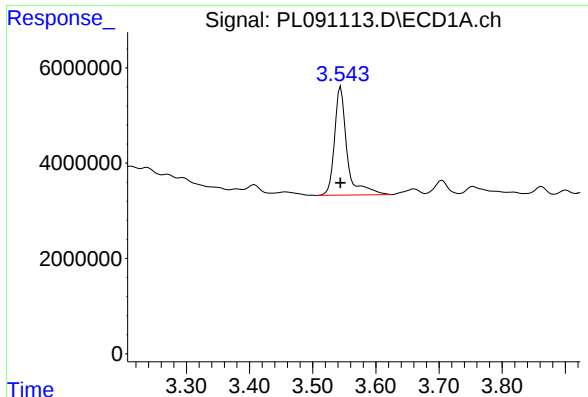
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081524\  
Data File : PL091113.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2024 12:32  
Operator : AR\AJ  
Sample : P3519-11RE  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 15 13:41:23 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 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

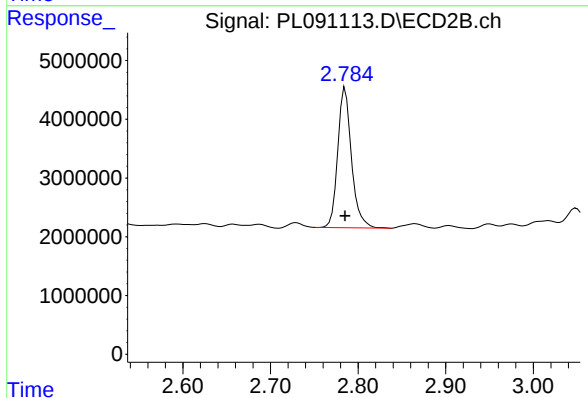




#1 Tetrachloro-m-xylene

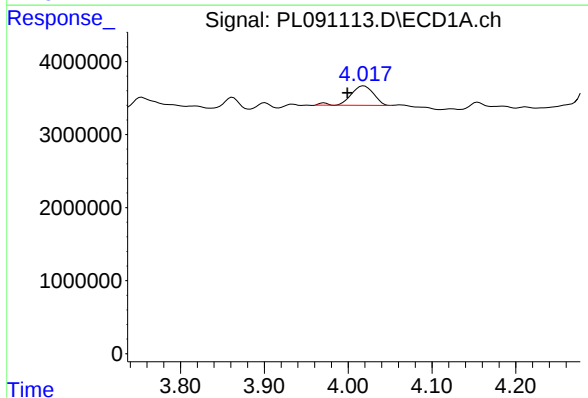
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 31377491  
Conc: 14.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



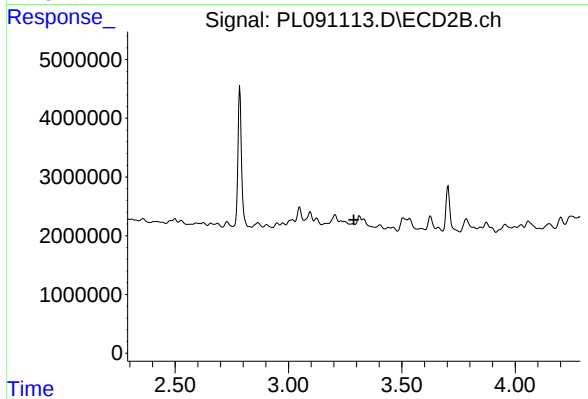
#1 Tetrachloro-m-xylene

R.T.: 2.785 min  
Delta R.T.: 0.000 min  
Response: 26080091  
Conc: 13.36 ng/ml



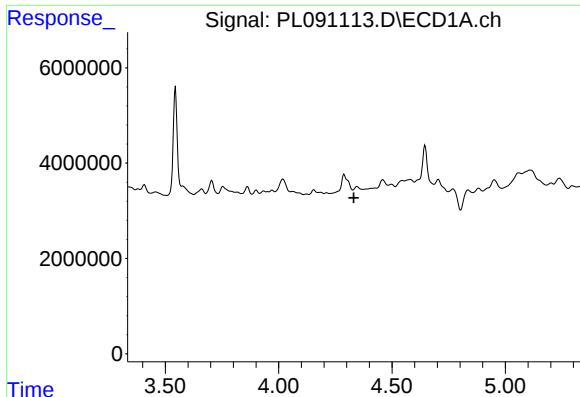
#2 alpha-BHC

R.T.: 4.019 min  
Delta R.T.: 0.020 min  
Response: 5027406  
Conc: 1.68 ng/ml



#2 alpha-BHC

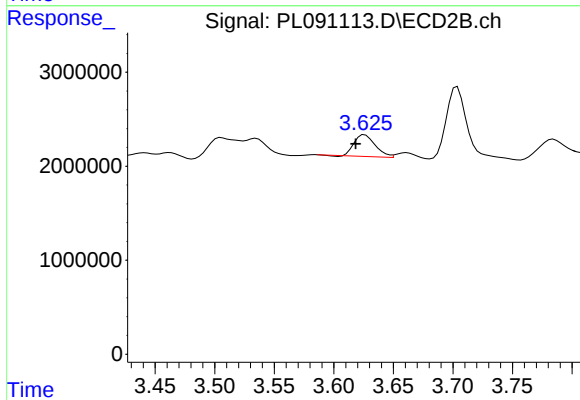
R.T.: 3.285 min  
Delta R.T.: -0.003 min  
Response: -168163  
Conc: N.D.



#3 gamma-BHC (Lindane)

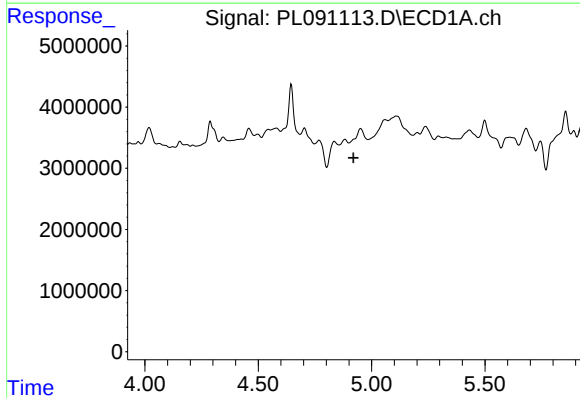
R.T.: 0.000 min  
Exp R.T.: 4.332 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



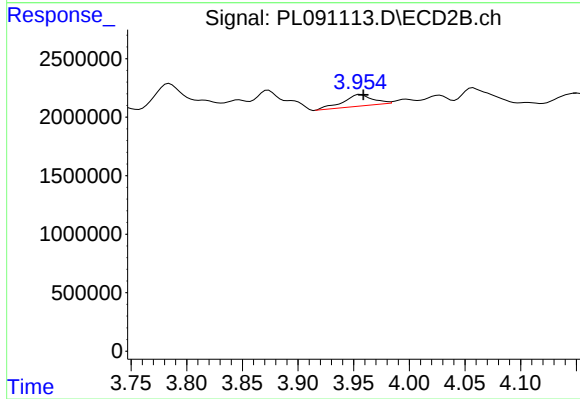
#3 gamma-BHC (Lindane)

R.T.: 3.626 min  
Delta R.T.: 0.008 min  
Response: 2868033  
Conc: 1.09 ng/ml



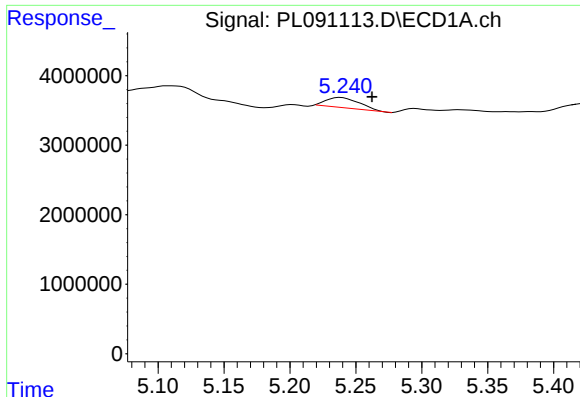
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.921 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

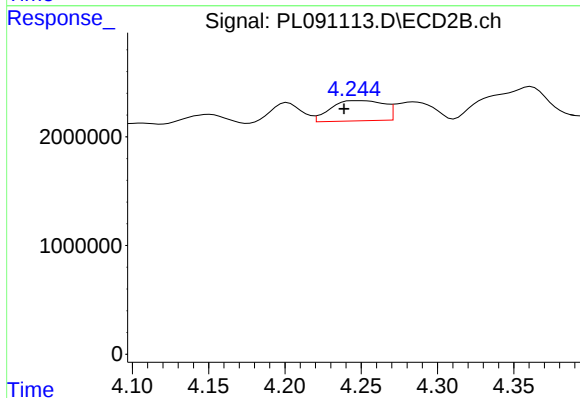
R.T.: 3.956 min  
Delta R.T.: -0.003 min  
Response: 1833480  
Conc: 0.71 ng/ml



#5 Aldrin

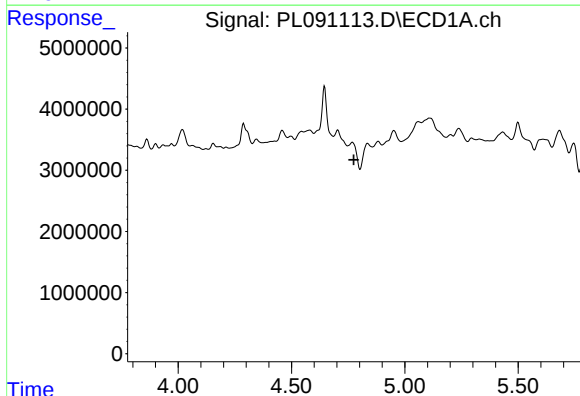
R.T.: 5.239 min  
Delta R.T.: -0.024 min  
Response: 2544947  
Conc: 0.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



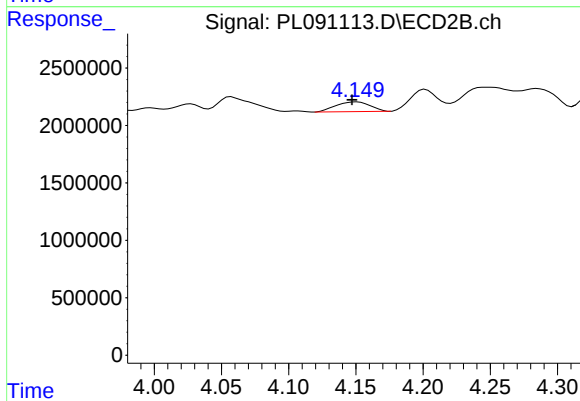
#5 Aldrin

R.T.: 4.247 min  
Delta R.T.: 0.008 min  
Response: 4502295  
Conc: 1.83 ng/ml



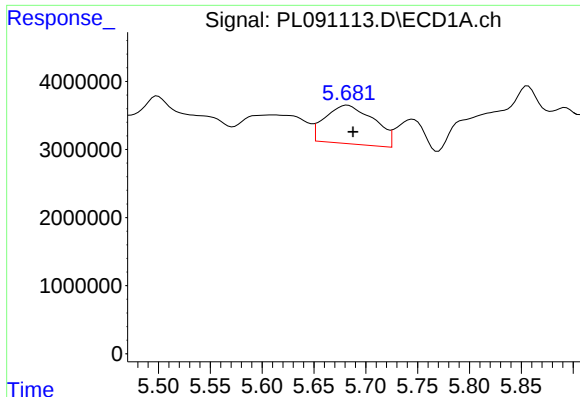
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.775 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

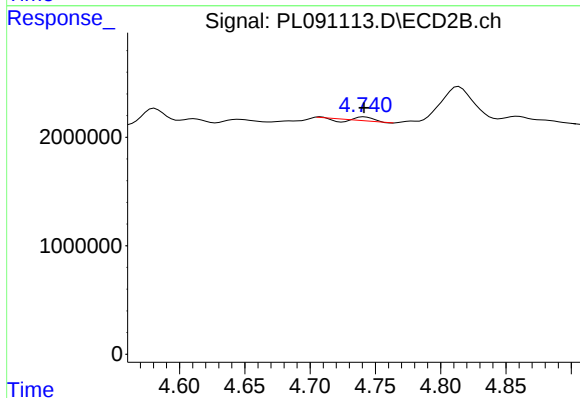
R.T.: 4.151 min  
Delta R.T.: 0.004 min  
Response: 1505346  
Conc: 0.59 ng/ml



#8 Heptachlor epoxide

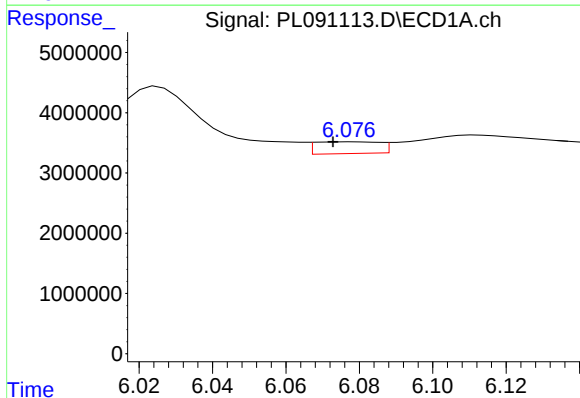
R.T.: 5.682 min  
Delta R.T.: -0.005 min  
Response: 18562762  
Conc: 7.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



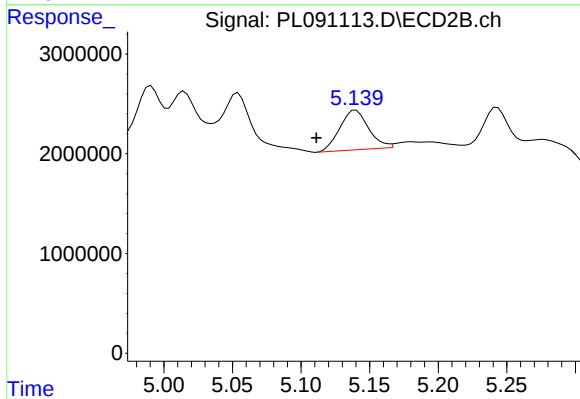
#8 Heptachlor epoxide

R.T.: 4.742 min  
Delta R.T.: 0.000 min  
Response: 183736  
Conc: 0.08 ng/ml



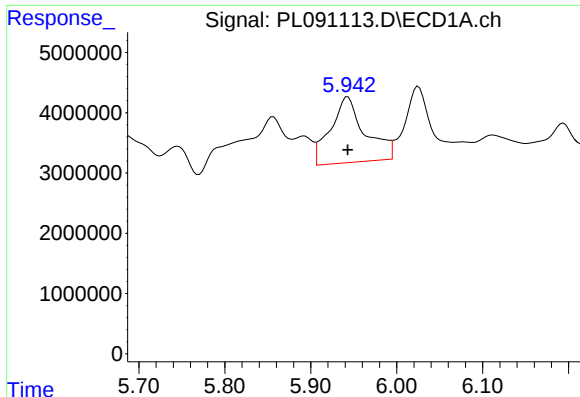
#9 Endosulfan I

R.T.: 6.078 min  
Delta R.T.: 0.005 min  
Response: 2378639  
Conc: 1.06 ng/ml



#9 Endosulfan I

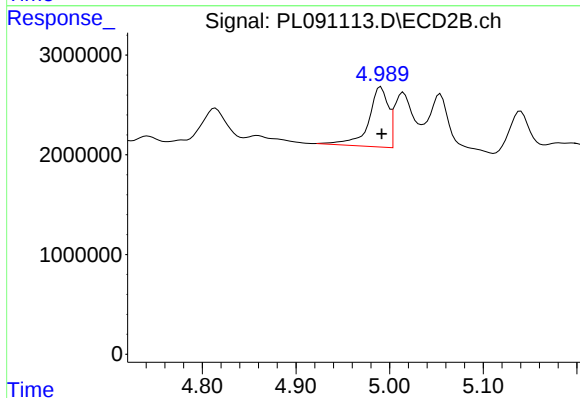
R.T.: 5.140 min  
Delta R.T.: 0.029 min  
Response: 5805582  
Conc: 2.75 ng/ml



#10 gamma-Chlordane

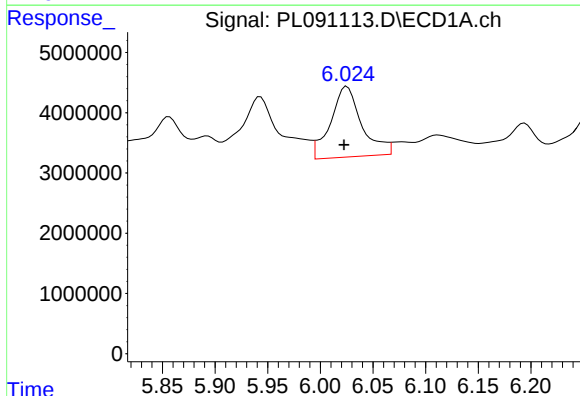
R.T.: 5.943 min  
Delta R.T.: 0.000 min  
Response: 30550753  
Conc: 12.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



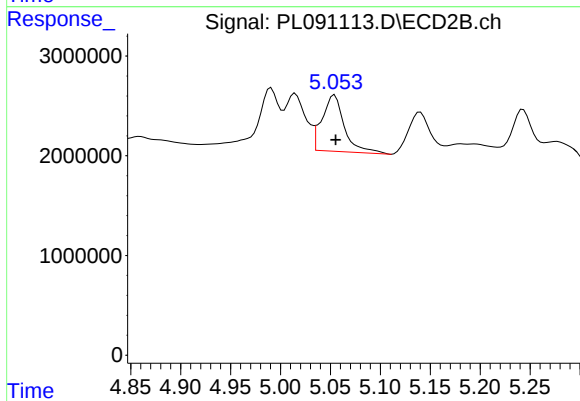
#10 gamma-Chlordane

R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 8761077  
Conc: 3.71 ng/ml



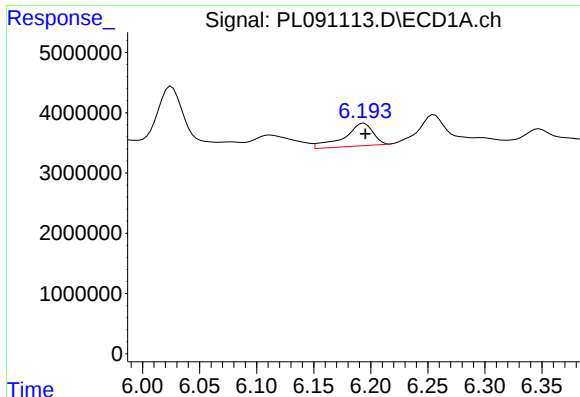
#11 alpha-Chlordane

R.T.: 6.025 min  
Delta R.T.: 0.003 min  
Response: 24206500  
Conc: 10.05 ng/ml



#11 alpha-Chlordane

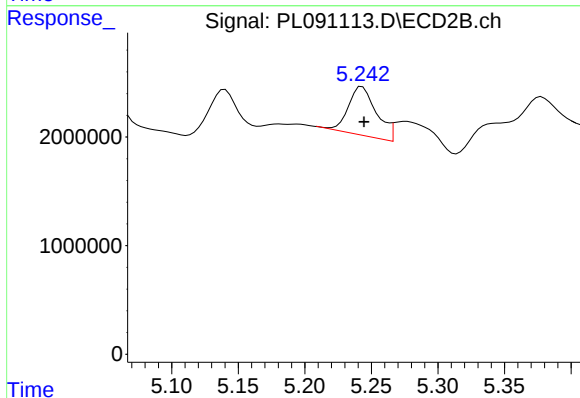
R.T.: 5.054 min  
Delta R.T.: -0.001 min  
Response: 8832280  
Conc: 3.75 ng/ml



#12 4,4'-DDE

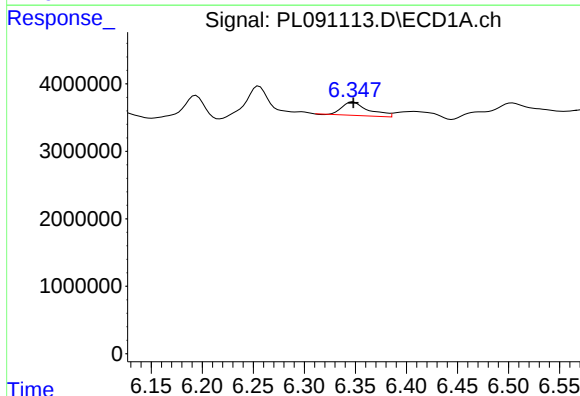
R.T.: 6.194 min  
Delta R.T.: -0.001 min  
Response: 6558756  
Conc: 3.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



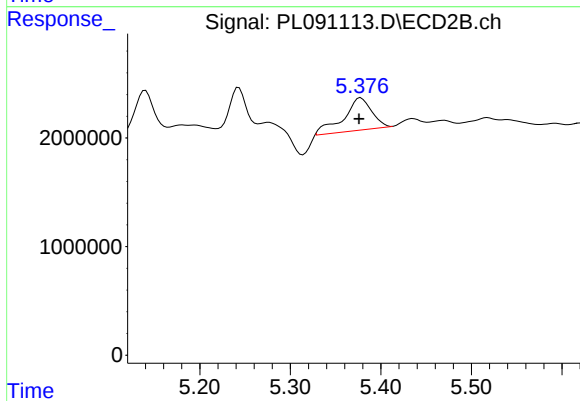
#12 4,4'-DDE

R.T.: 5.243 min  
Delta R.T.: -0.001 min  
Response: 6625998  
Conc: 3.17 ng/ml



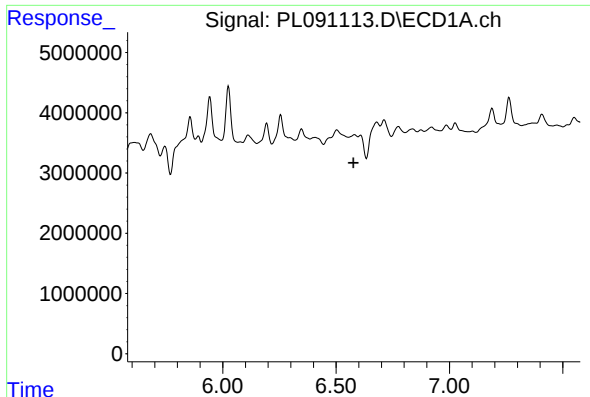
#13 Dieldrin

R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 3541337  
Conc: 1.50 ng/ml



#13 Dieldrin

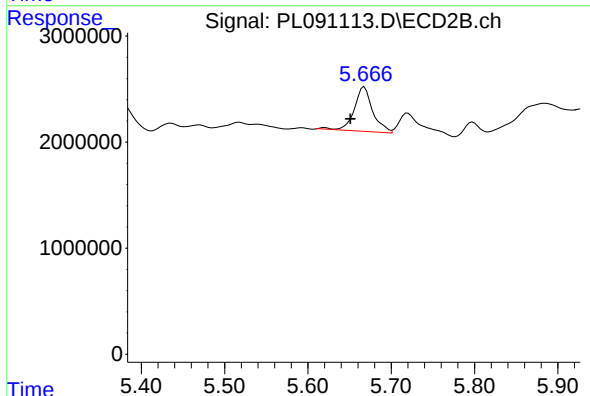
R.T.: 5.378 min  
Delta R.T.: 0.002 min  
Response: 6439901  
Conc: 2.83 ng/ml



#14 Endrin

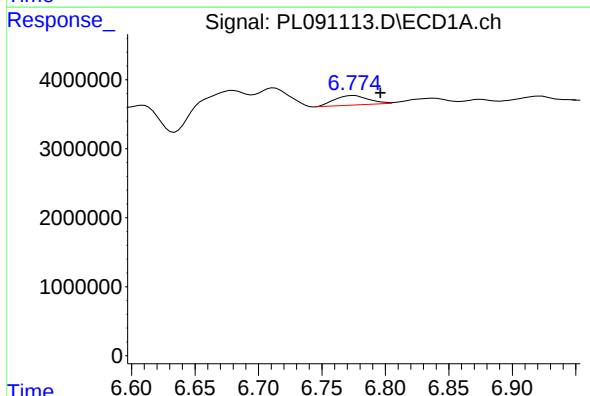
R.T.: 0.000 min  
Exp R.T.: 6.577 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



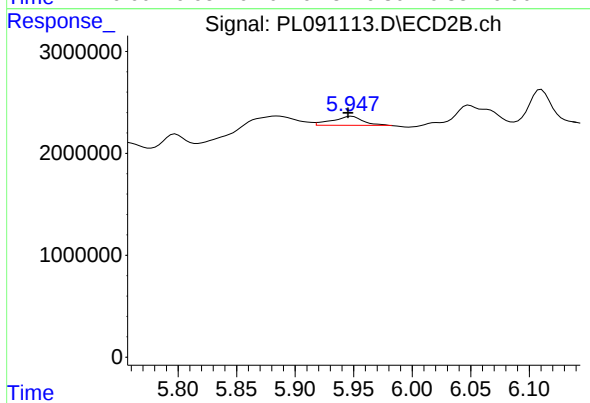
#14 Endrin

R.T.: 5.668 min  
Delta R.T.: 0.017 min  
Response: 6452991  
Conc: 3.17 ng/ml



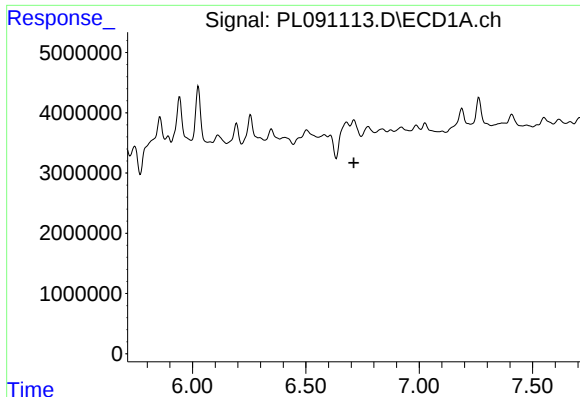
#15 Endosulfan II

R.T.: 6.775 min  
Delta R.T.: -0.021 min  
Response: 2582050  
Conc: 1.28 ng/ml



#15 Endosulfan II

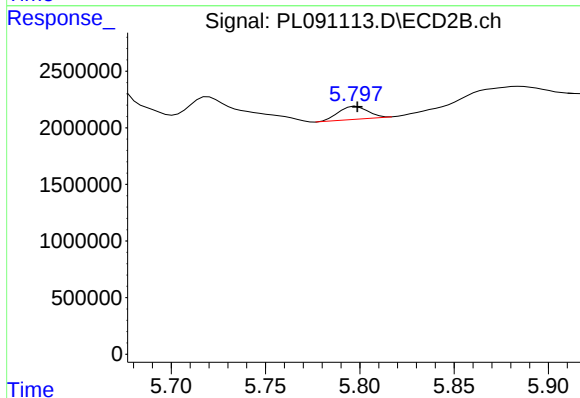
R.T.: 5.948 min  
Delta R.T.: 0.003 min  
Response: 1641286  
Conc: 0.85 ng/ml



#16 4,4'-DDD

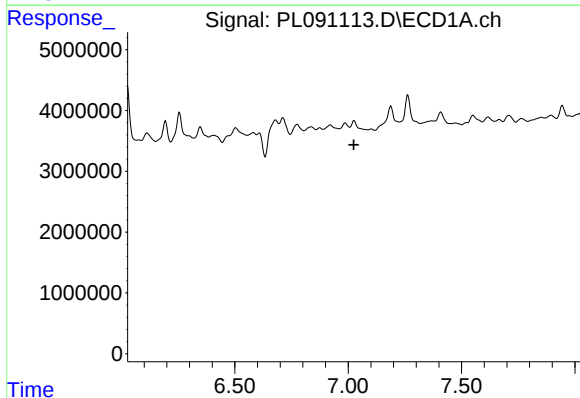
R.T.: 0.000 min  
Exp R.T.: 6.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



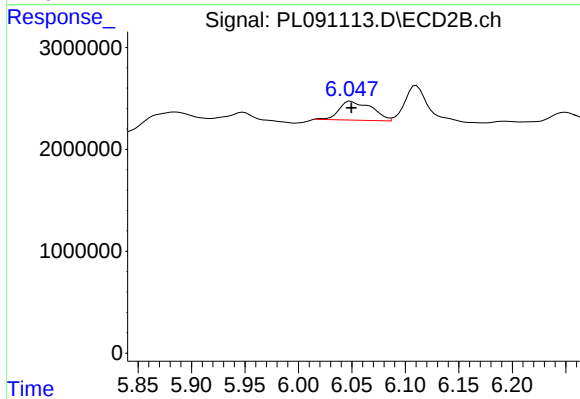
#16 4,4'-DDD

R.T.: 5.798 min  
Delta R.T.: 0.000 min  
Response: 1222618  
Conc: 0.74 ng/ml



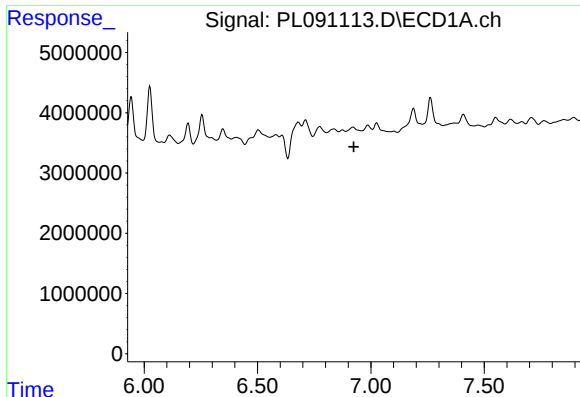
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 7.025 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

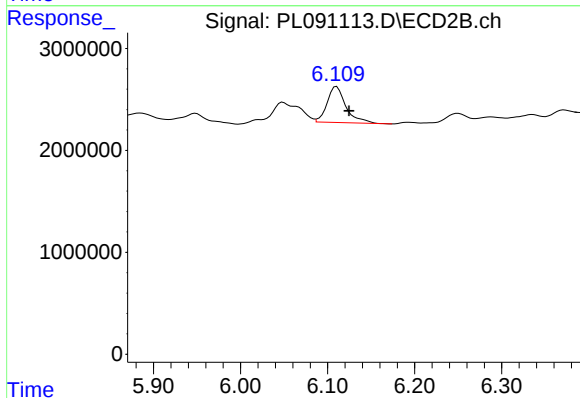
R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 3900769  
Conc: 2.20 ng/ml



#18 Endrin aldehyde

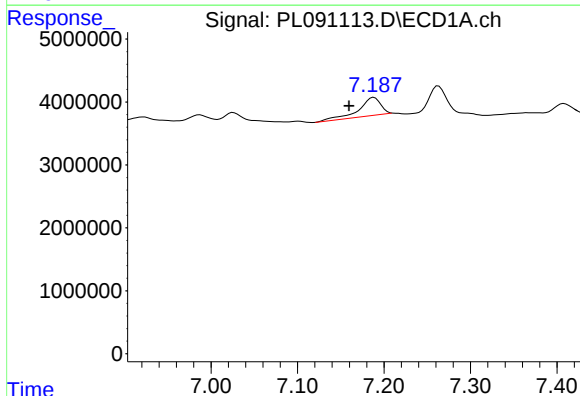
R.T.: 0.000 min  
Exp R.T.: 6.925 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



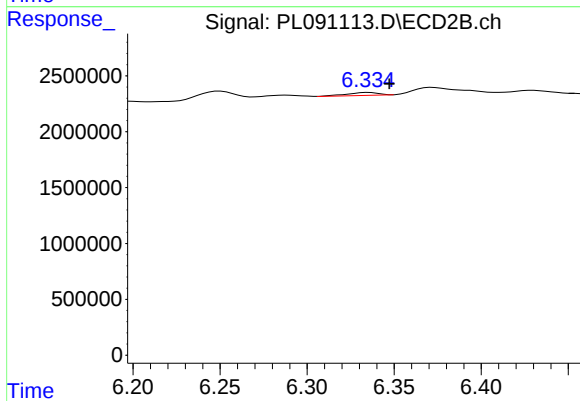
#18 Endrin aldehyde

R.T.: 6.110 min  
Delta R.T.: -0.014 min  
Response: 5309221  
Conc: 3.41 ng/ml



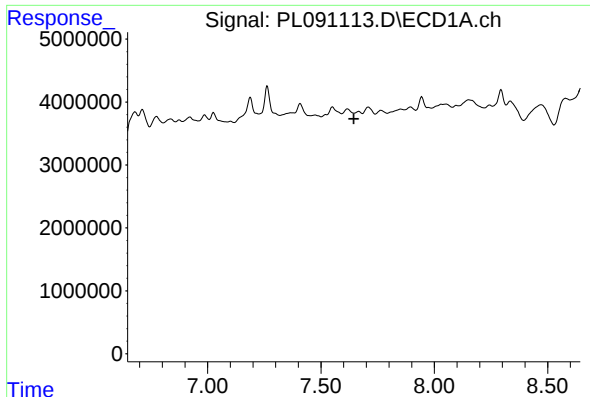
#19 Endosulfan Sulfate

R.T.: 7.188 min  
Delta R.T.: 0.029 min  
Response: 5298881  
Conc: 2.76 ng/ml



#19 Endosulfan Sulfate

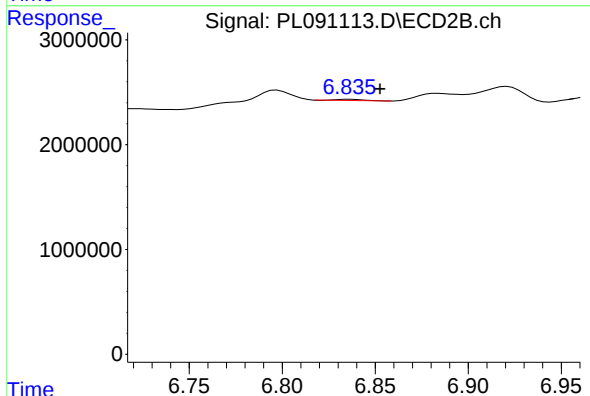
R.T.: 6.335 min  
Delta R.T.: -0.012 min  
Response: 317439  
Conc: 0.16 ng/ml



#21 Endrin ketone

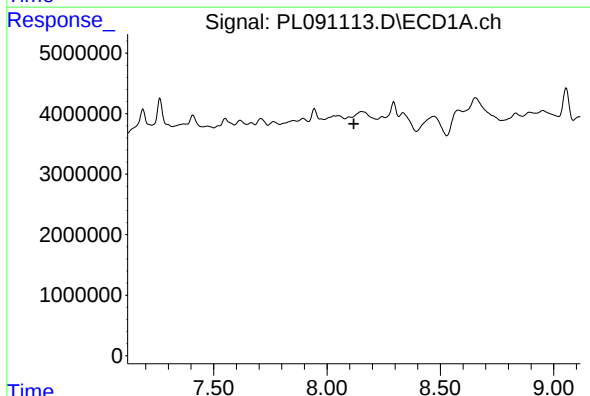
R.T.: 0.000 min  
Exp R.T.: 7.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



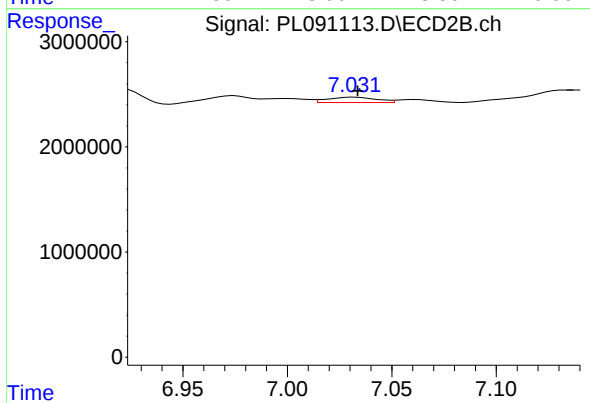
#21 Endrin ketone

R.T.: 6.836 min  
Delta R.T.: -0.016 min  
Response: 114506  
Conc: 0.05 ng/ml



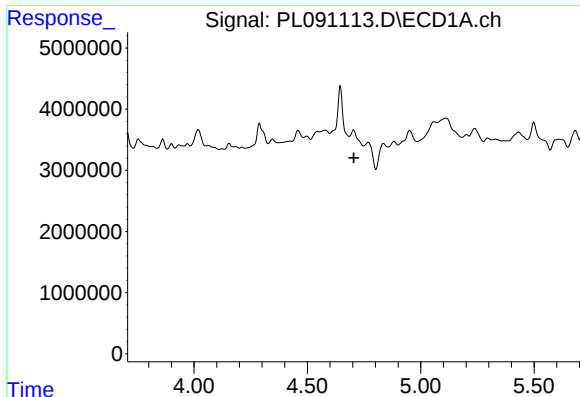
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 8.118 min  
Response: 0  
Conc: N.D.



#22 Mirex

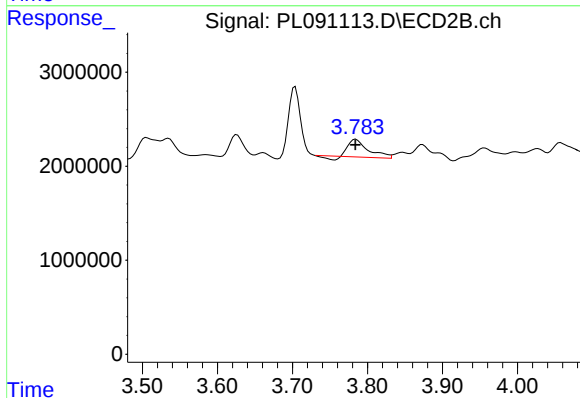
R.T.: 7.032 min  
Delta R.T.: -0.002 min  
Response: 820482  
Conc: 0.44 ng/ml



#23 Chlordane-1

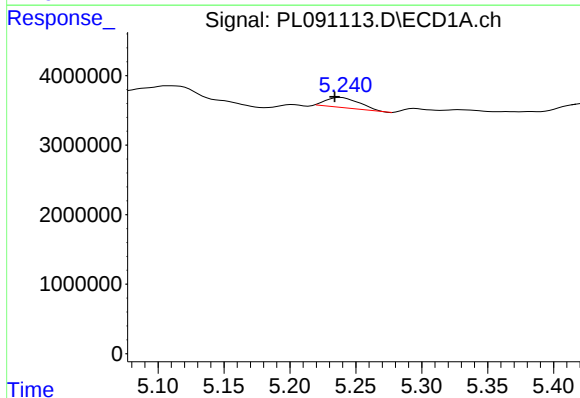
R.T.: 0.000 min  
Exp R.T.: 4.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



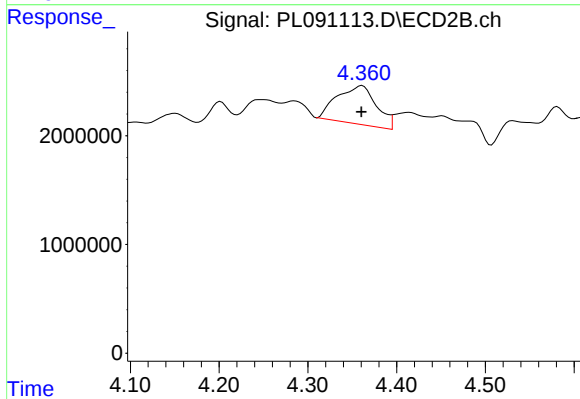
#23 Chlordane-1

R.T.: 3.784 min  
Delta R.T.: 0.000 min  
Response: 3186516  
Conc: 43.71 ng/ml



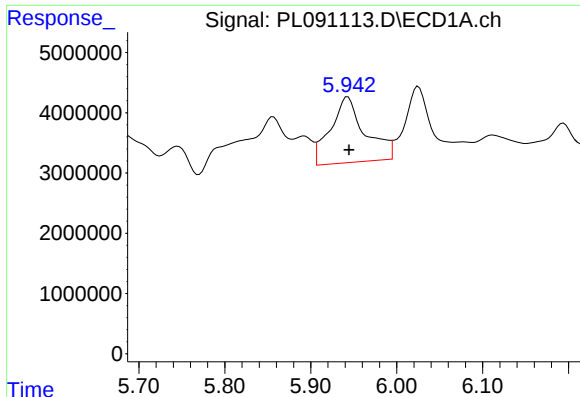
#24 Chlordane-2

R.T.: 5.239 min  
Delta R.T.: 0.005 min  
Response: 2544947  
Conc: 25.06 ng/ml



#24 Chlordane-2

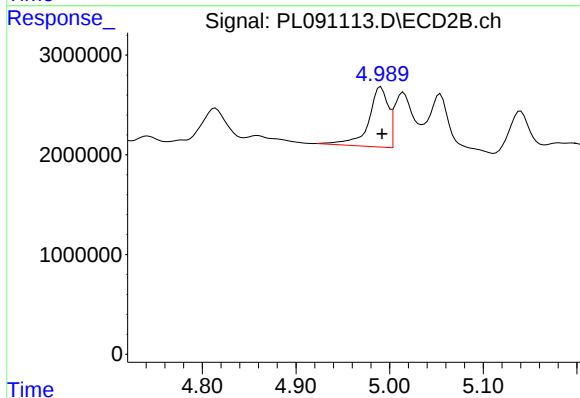
R.T.: 4.361 min  
Delta R.T.: 0.001 min  
Response: 10857787  
Conc: 115.56 ng/ml



#25 Chlordane-3

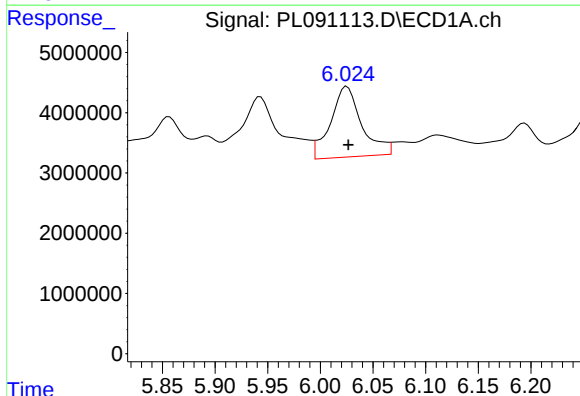
R.T.: 5.943 min  
Delta R.T.: -0.001 min  
Response: 30550753  
Conc: 87.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



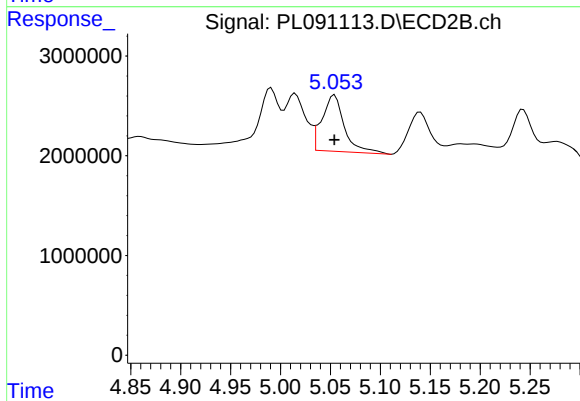
#25 Chlordane-3

R.T.: 4.991 min  
Delta R.T.: -0.001 min  
Response: 8761077  
Conc: 36.08 ng/ml



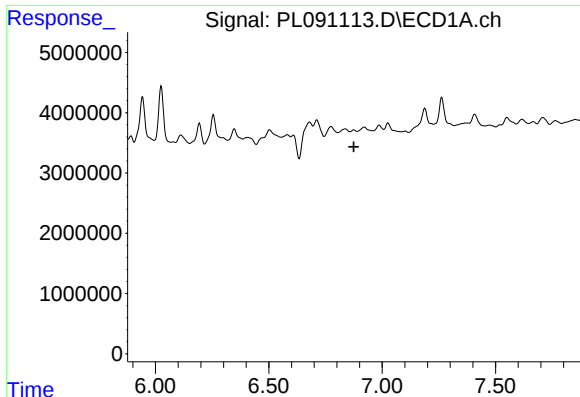
#26 Chlordane-4

R.T.: 6.025 min  
Delta R.T.: -0.001 min  
Response: 24206500  
Conc: 57.55 ng/ml



#26 Chlordane-4

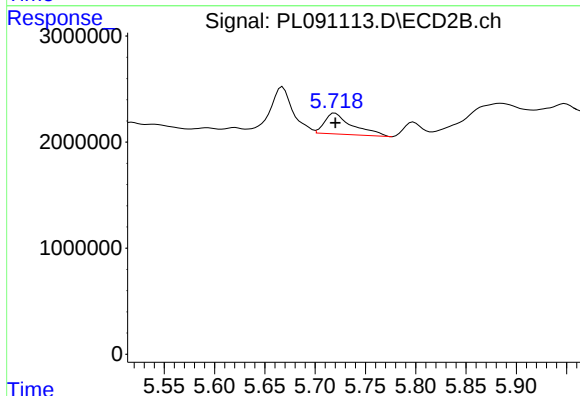
R.T.: 5.054 min  
Delta R.T.: 0.000 min  
Response: 8832280  
Conc: 37.88 ng/ml



#27 Chlordane-5

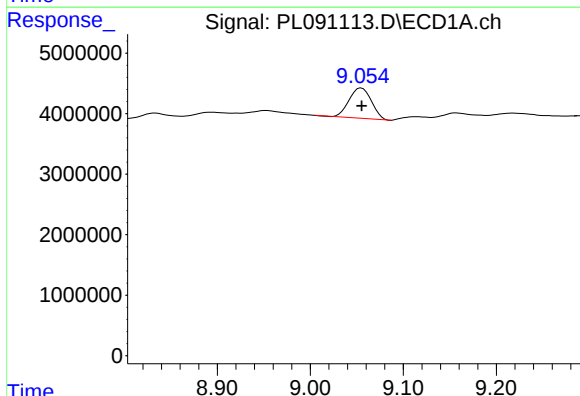
R.T.: 0.000 min  
Exp R.T.: 6.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-21-080724RE



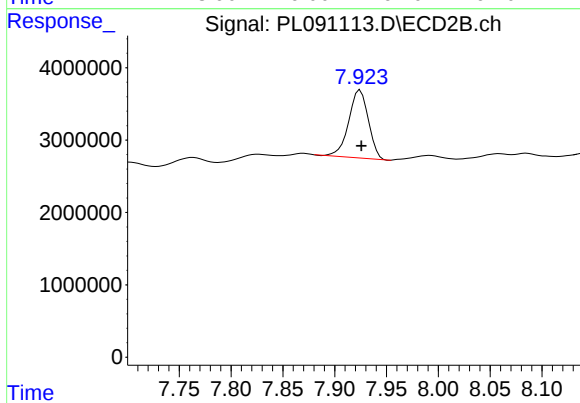
#27 Chlordane-5

R.T.: 5.720 min  
Delta R.T.: 0.000 min  
Response: 3793827  
Conc: 54.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: 0.000 min  
Response: 8370429  
Conc: 5.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.925 min  
Delta R.T.: -0.001 min  
Response: 12398122  
Conc: 6.55 ng/ml