

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081424\  
 Data File : PL091057.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Aug 2024 17:20  
 Operator : AR\AJ  
 Sample : P3518-27  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OU4-TS-14-080724

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 15 03:48:43 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  | 2.784  | 22689799 | 19392054 | 10.567 | 9.934    |
| 28)                         | SA Decachlor... | 9.056  | 7.926  | 12192971 | 13941122 | 7.998  | 7.360    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.275  | 0        | 550204   | N.D.   | 0.198 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.634f | 0        | 334446   | N.D.   | 0.127 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.957  | 0        | 326725   | N.D.   | 0.127 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.238  | 0        | 270359   | N.D.   | 0.110 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.935f | 0        | 184510   | N.D.   | 0.157 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.152  | 0        | 234058   | N.D.   | 0.092 #  |
| 8)                          | B Heptachlo...  | 5.680  | 4.741  | 2533526  | 69569    | 1.036  | 0.031 #  |
| 10)                         | B gamma-Chl...  | 5.943  | 4.991  | 6571542  | 1668470  | 2.720  | 0.706 #  |
| 11)                         | B alpha-Chl...  | 6.026  | 5.053  | 8140243  | 4617196  | 3.381  | 1.963 #  |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.243  | 4911848  | 3787900  | 2.348  | 1.813    |
| 13)                         | MA Dieldrin     | 0.000  | 5.377  | 0        | 2430810  | N.D.   | 1.067 #  |
| 14)                         | MA Endrin       | 0.000  | 5.664  | 0        | 920695   | N.D.   | 0.452 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.934  | 0        | 630955   | N.D.   | 0.326 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.798  | 0        | 344614   | N.D.   | 0.209 #  |
| 17)                         | MA 4,4'-DDT     | 6.998f | 6.045  | 920058   | 2939715  | 0.518  | 1.655 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.143f | 0        | 171994   | N.D.   | 0.110 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.342  | 0        | 392550   | N.D.   | 0.204 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.882f | 0        | 93935    | N.D.   | 0.043 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.783  | 0        | 1286754  | N.D.   | 17.650 # |
| 24)                         | Chlordane-2     | 0.000  | 4.362  | 0        | 912733   | N.D.   | 9.715 #  |
| 25)                         | Chlordane-3     | 5.943  | 4.991  | 6571542  | 1668470  | 18.920 | 6.871 #  |
| 26)                         | Chlordane-4     | 6.026  | 5.053  | 8140243  | 4617196  | 19.353 | 19.802   |
| 27)                         | Chlordane-5     | 0.000  | 5.719  | 0        | 1578886  | N.D.   | 22.804 # |
| -----                       |                 |        |        |          |          |        |          |

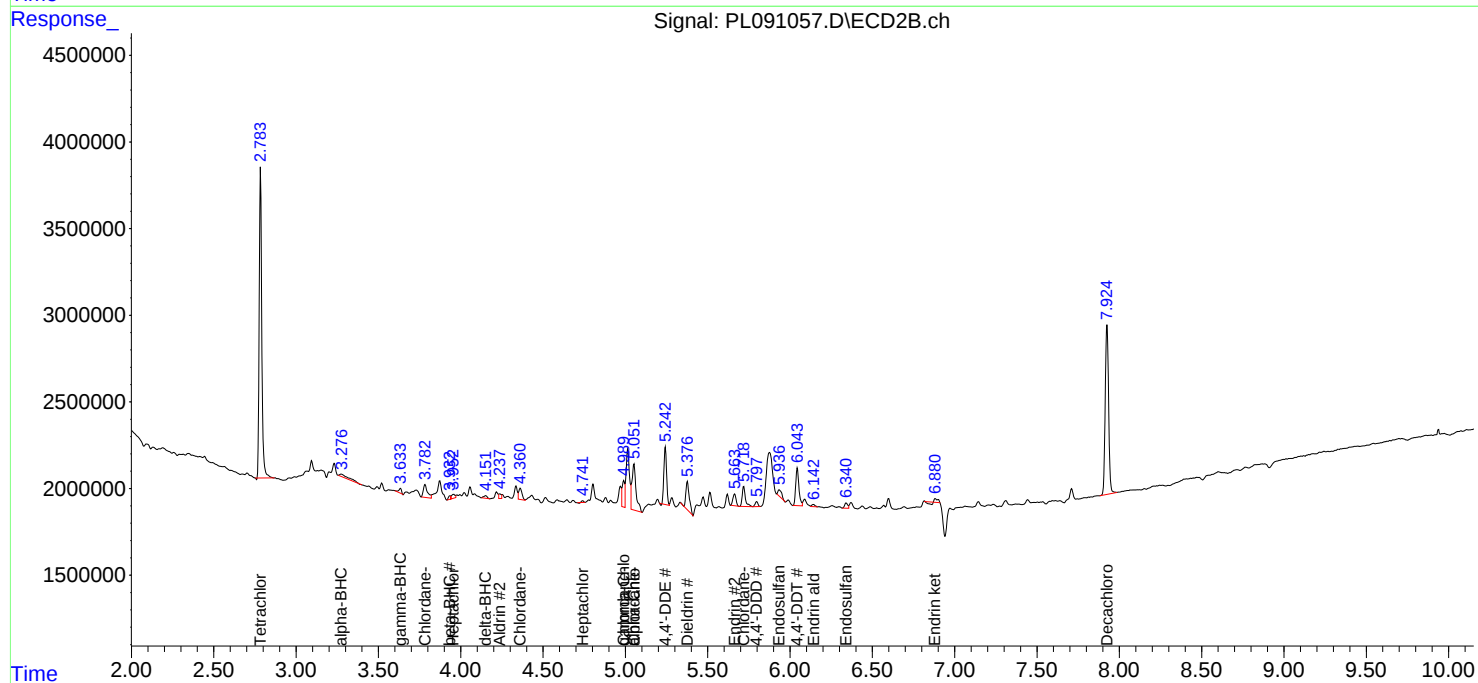
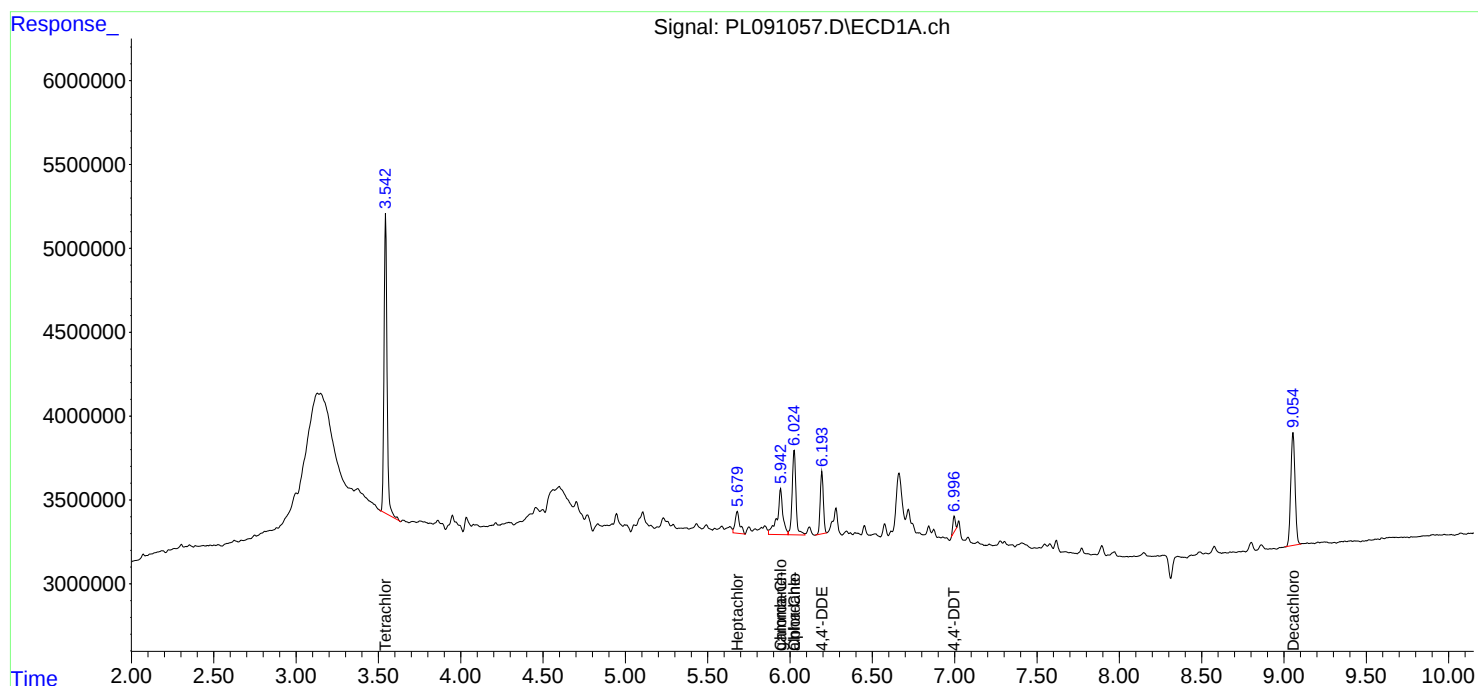
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

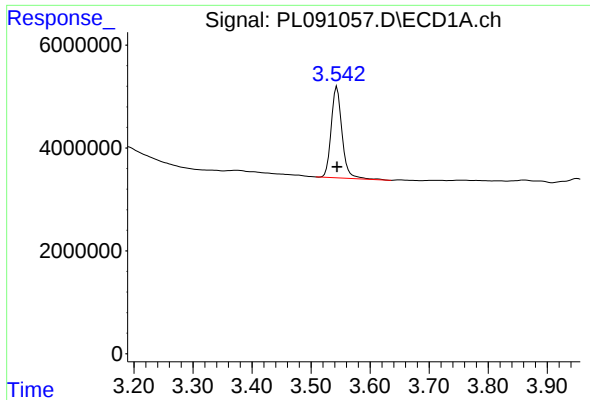
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081424\  
Data File : PL091057.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Aug 2024 17:20  
Operator : AR\AJ  
Sample : P3518-27  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 15 03:48:43 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

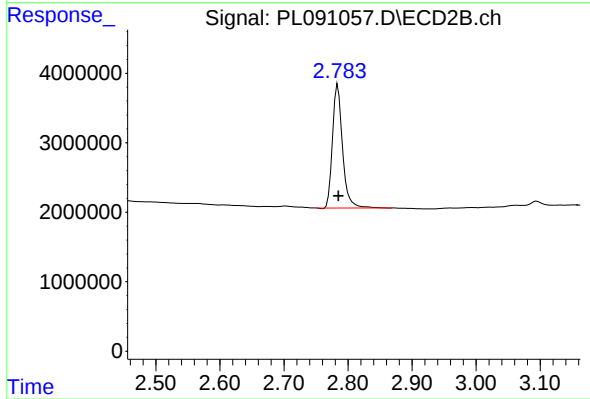




#1 Tetrachloro-m-xylene

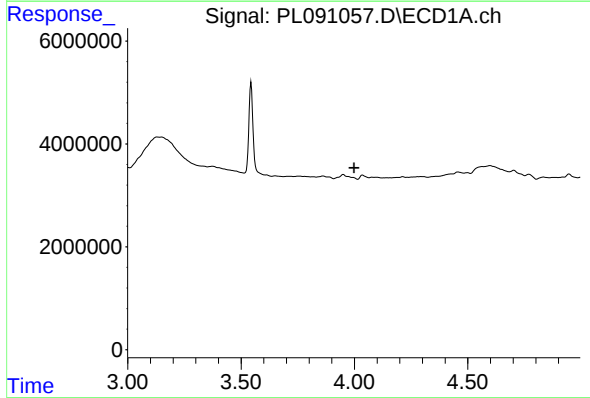
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 22689799  
Conc: 10.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



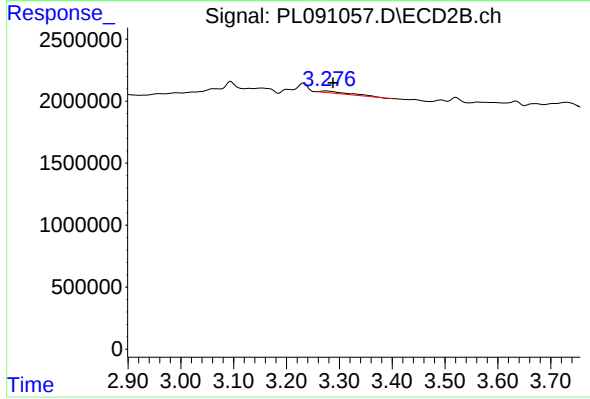
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: 0.000 min  
Response: 19392054  
Conc: 9.93 ng/ml



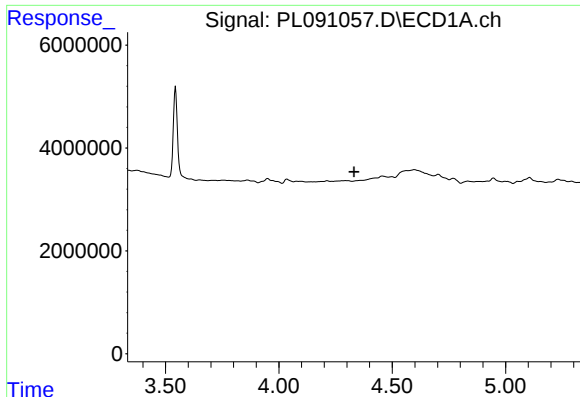
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.999 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

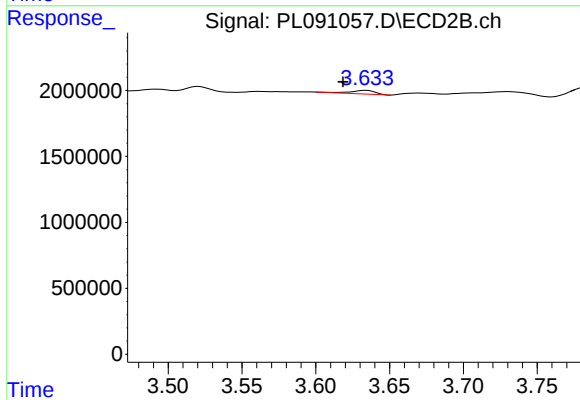
R.T.: 3.275 min  
Delta R.T.: -0.014 min  
Response: 550204  
Conc: 0.20 ng/ml



#3 gamma-BHC (Lindane)

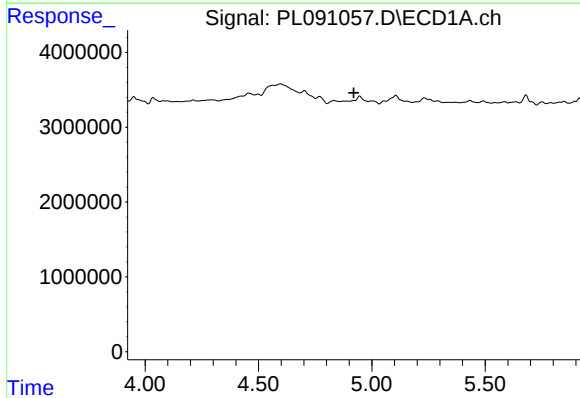
R.T.: 0.000 min  
Exp R.T.: 4.332 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



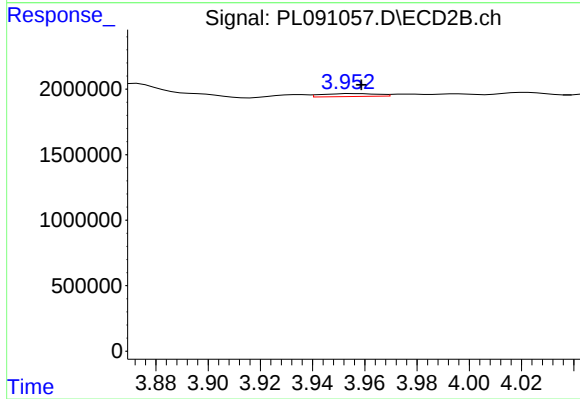
#3 gamma-BHC (Lindane)

R.T.: 3.634 min  
Delta R.T.: 0.016 min  
Response: 334446  
Conc: 0.13 ng/ml



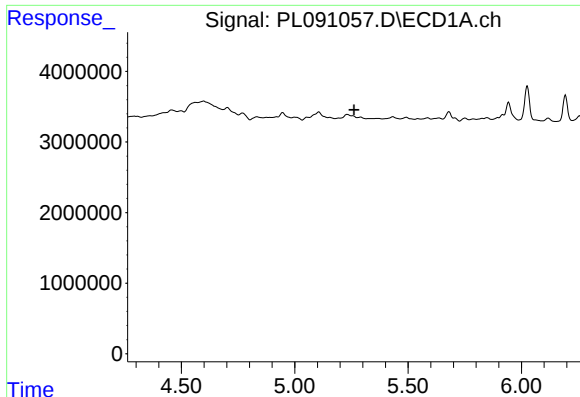
#4 Heptachlor

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



#4 Heptachlor

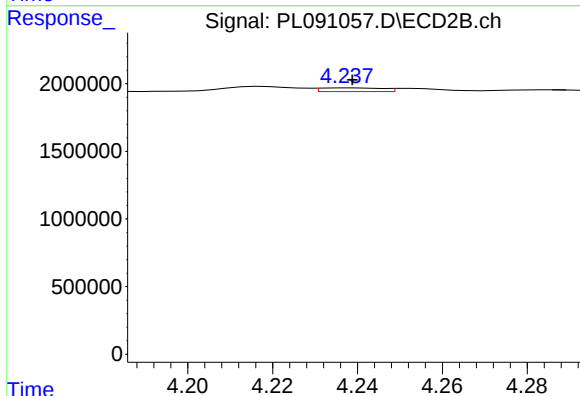
R.T.: 3.957 min  
Delta R.T.: -0.002 min  
Response: 326725  
Conc: 0.13 ng/ml



#5 Aldrin

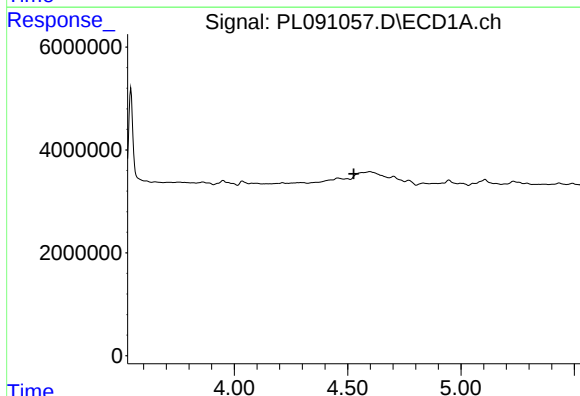
R.T.: 0.000 min  
Exp R.T.: 5.262 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



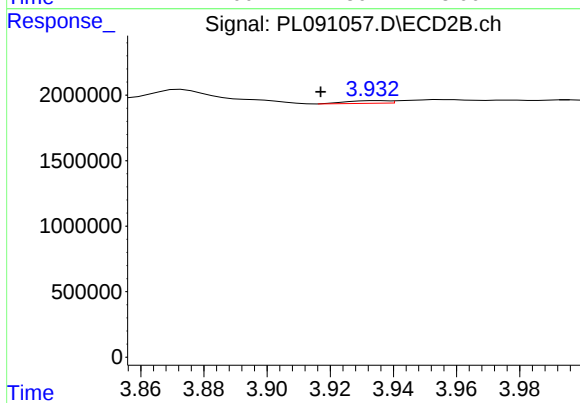
#5 Aldrin

R.T.: 4.238 min  
Delta R.T.: 0.000 min  
Response: 270359  
Conc: 0.11 ng/ml



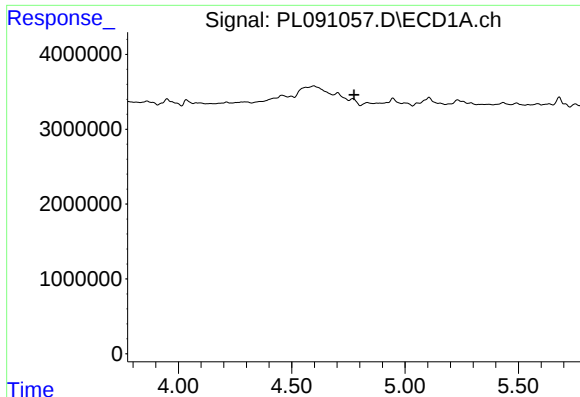
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.528 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

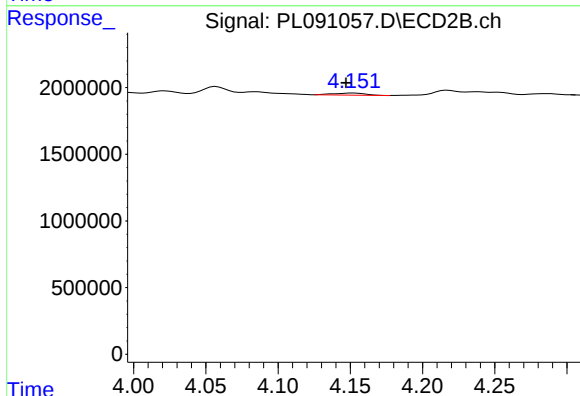
R.T.: 3.935 min  
Delta R.T.: 0.018 min  
Response: 184510  
Conc: 0.16 ng/ml



#7 delta-BHC

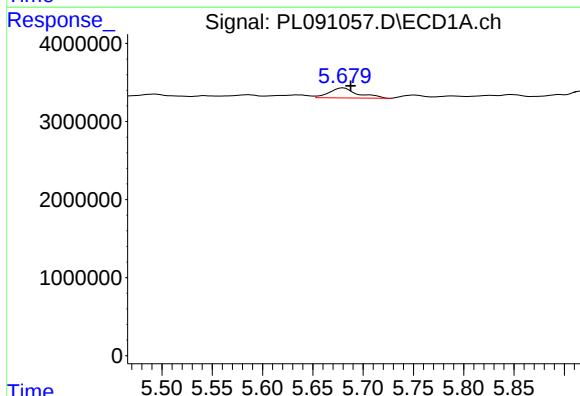
R.T.: 0.000 min  
Exp R.T.: 4.775 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



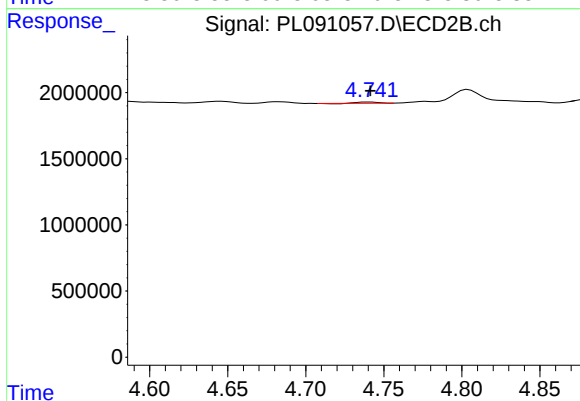
#7 delta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.005 min  
Response: 234058  
Conc: 0.09 ng/ml



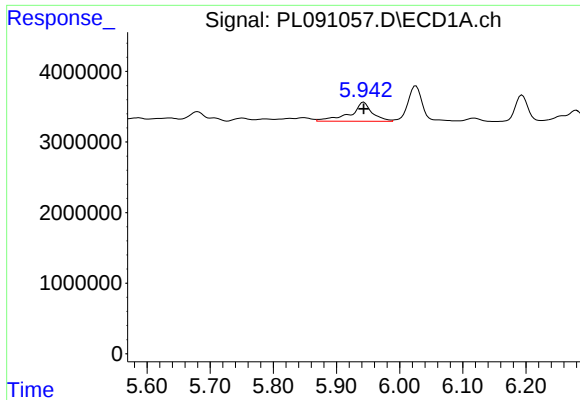
#8 Heptachlor epoxide

R.T.: 5.680 min  
Delta R.T.: -0.008 min  
Response: 2533526  
Conc: 1.04 ng/ml



#8 Heptachlor epoxide

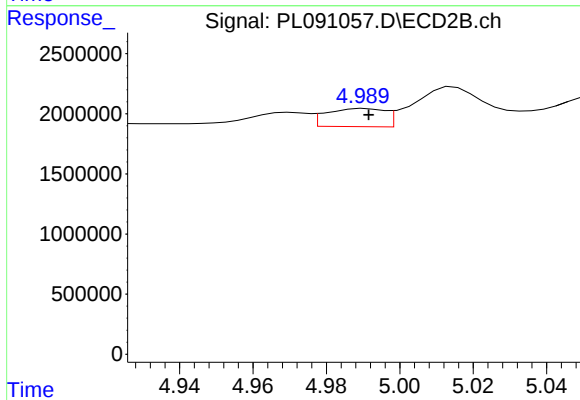
R.T.: 4.741 min  
Delta R.T.: 0.000 min  
Response: 69569  
Conc: 0.03 ng/ml



#10 gamma-Chlordane

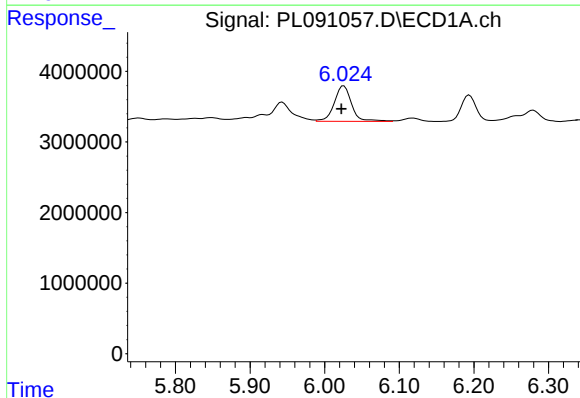
R.T.: 5.943 min  
Delta R.T.: 0.000 min  
Response: 6571542  
Conc: 2.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



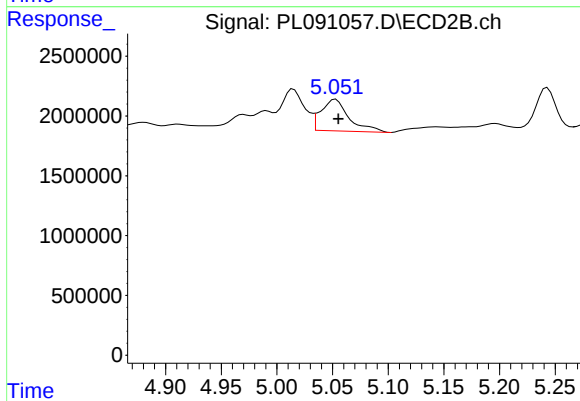
#10 gamma-Chlordane

R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 1668470  
Conc: 0.71 ng/ml



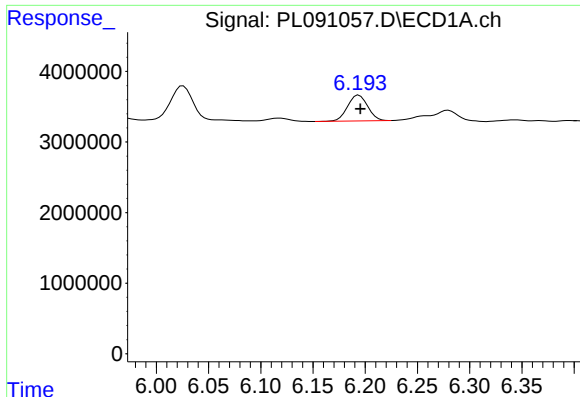
#11 alpha-Chlordane

R.T.: 6.026 min  
Delta R.T.: 0.003 min  
Response: 8140243  
Conc: 3.38 ng/ml



#11 alpha-Chlordane

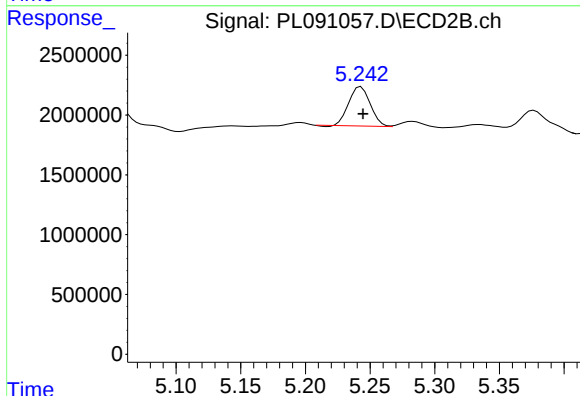
R.T.: 5.053 min  
Delta R.T.: -0.003 min  
Response: 4617196  
Conc: 1.96 ng/ml



#12 4,4'-DDE

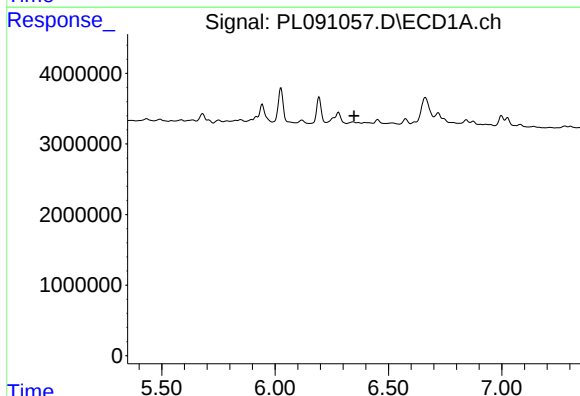
R.T.: 6.194 min  
Delta R.T.: -0.001 min  
Response: 4911848  
Conc: 2.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



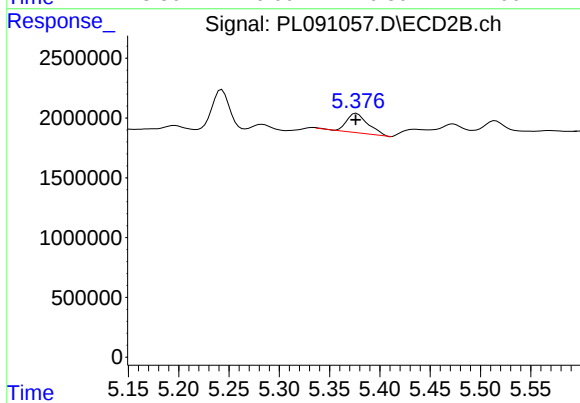
#12 4,4'-DDE

R.T.: 5.243 min  
Delta R.T.: -0.002 min  
Response: 3787900  
Conc: 1.81 ng/ml



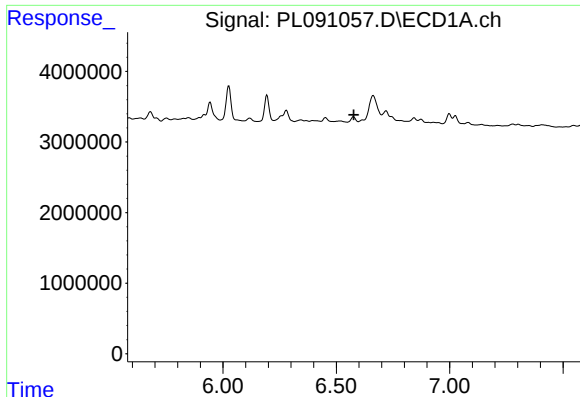
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.348 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

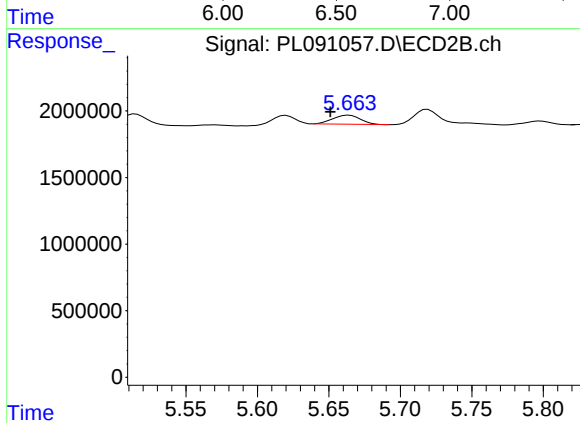
R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 2430810  
Conc: 1.07 ng/ml



#14 Endrin

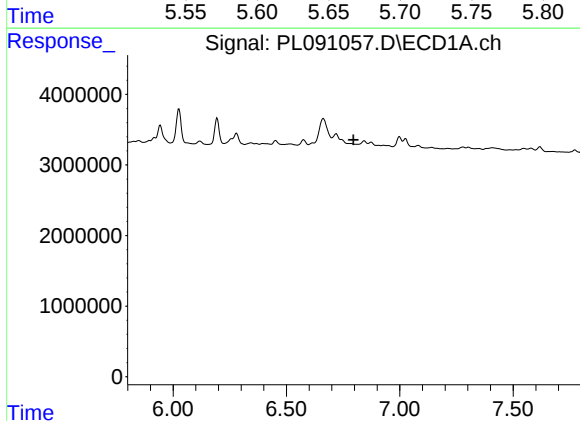
R.T.: 0.000 min  
Exp R.T.: 6.577 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



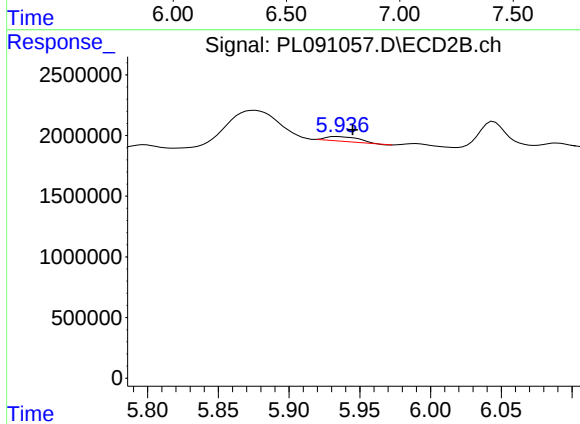
#14 Endrin

R.T.: 5.664 min  
Delta R.T.: 0.013 min  
Response: 920695  
Conc: 0.45 ng/ml



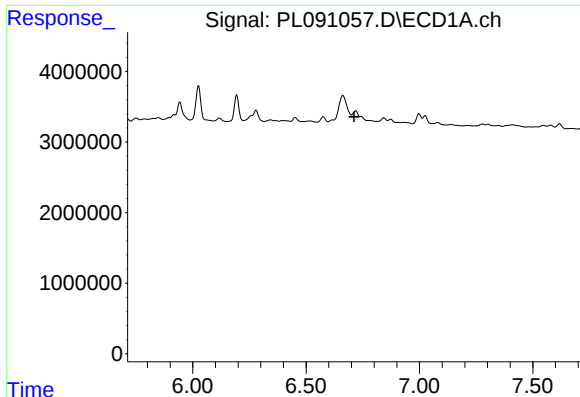
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.796 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

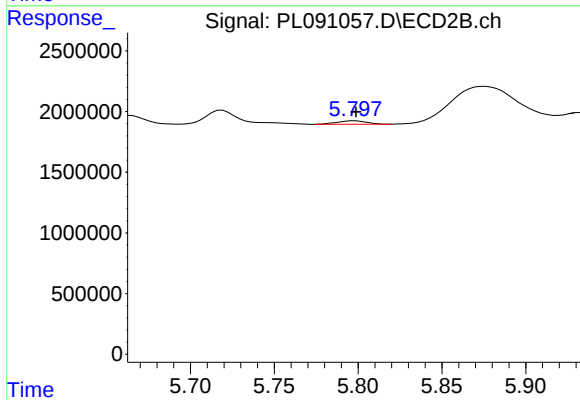
R.T.: 5.934 min  
Delta R.T.: -0.011 min  
Response: 630955  
Conc: 0.33 ng/ml



#16 4,4'-DDD

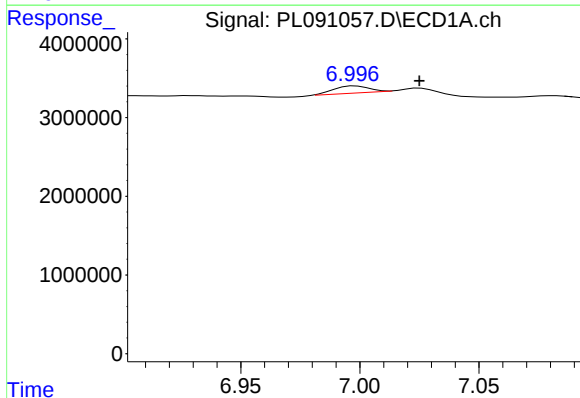
R.T.: 0.000 min  
Exp R.T.: 6.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



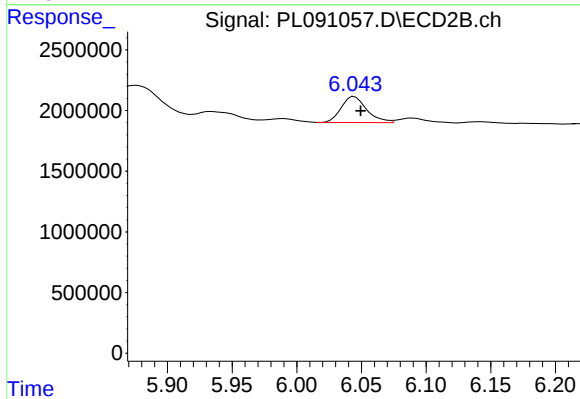
#16 4,4'-DDD

R.T.: 5.798 min  
Delta R.T.: 0.000 min  
Response: 344614  
Conc: 0.21 ng/ml



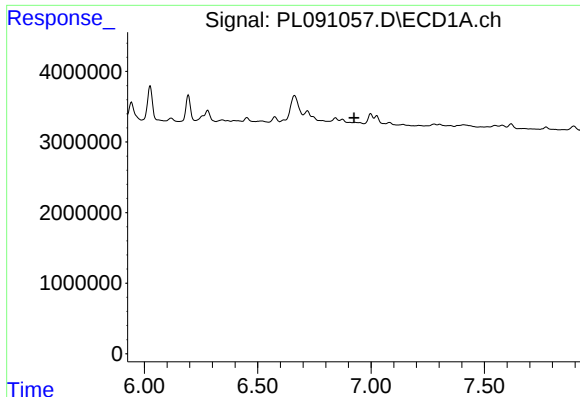
#17 4,4'-DDT

R.T.: 6.998 min  
Delta R.T.: -0.027 min  
Response: 920058  
Conc: 0.52 ng/ml



#17 4,4'-DDT

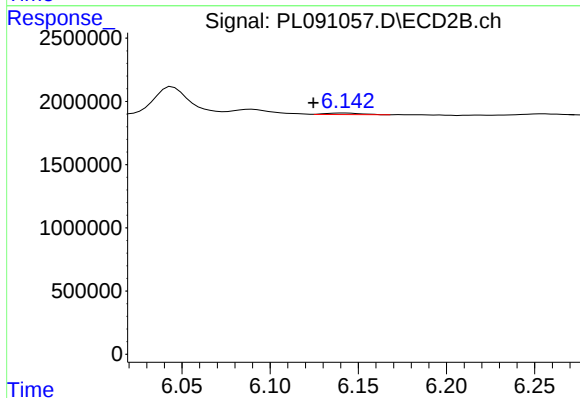
R.T.: 6.045 min  
Delta R.T.: -0.005 min  
Response: 2939715  
Conc: 1.65 ng/ml



#18 Endrin aldehyde

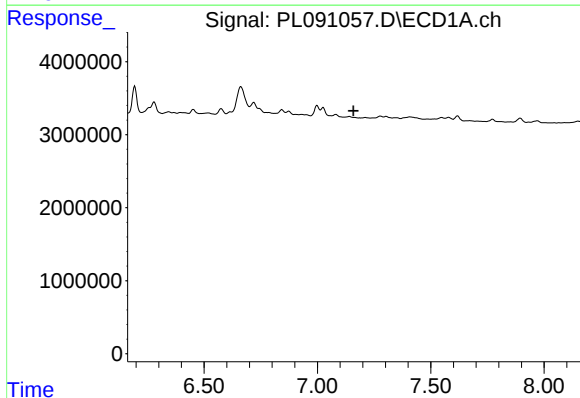
R.T.: 0.000 min  
Exp R.T.: 6.925 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



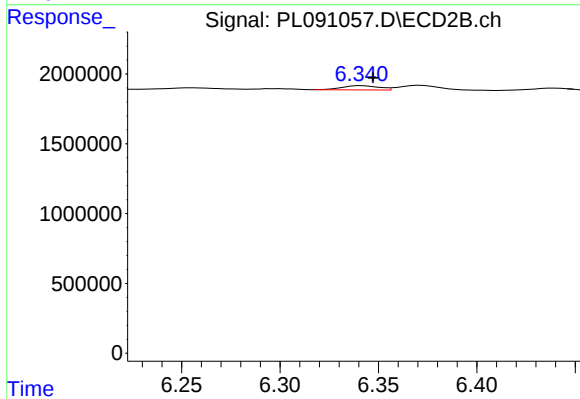
#18 Endrin aldehyde

R.T.: 6.143 min  
Delta R.T.: 0.019 min  
Response: 171994  
Conc: 0.11 ng/ml



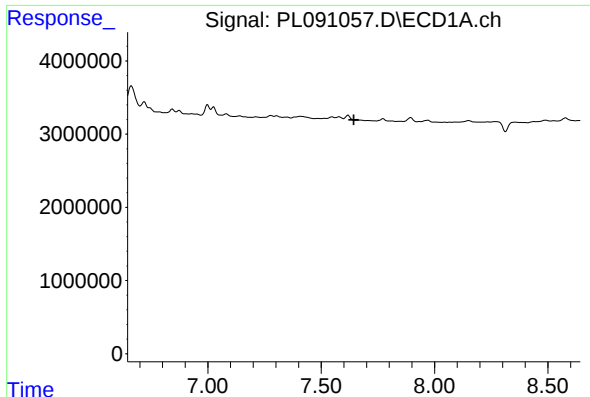
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 7.160 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

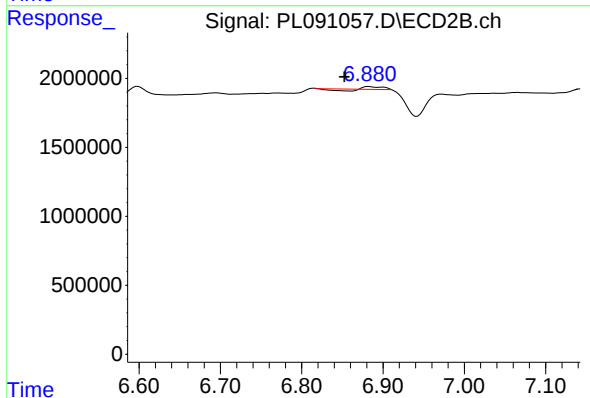
R.T.: 6.342 min  
Delta R.T.: -0.006 min  
Response: 392550  
Conc: 0.20 ng/ml



#21 Endrin ketone

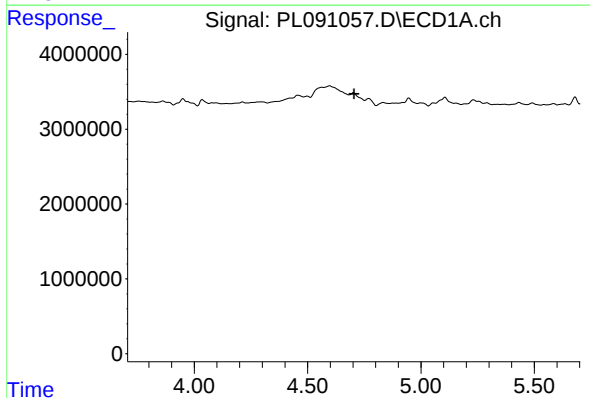
R.T.: 0.000 min  
Exp R.T.: 7.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



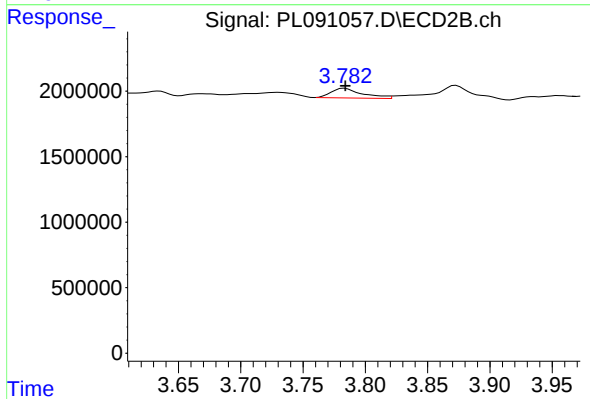
#21 Endrin ketone

R.T.: 6.882 min  
Delta R.T.: 0.030 min  
Response: 93935  
Conc: 0.04 ng/ml



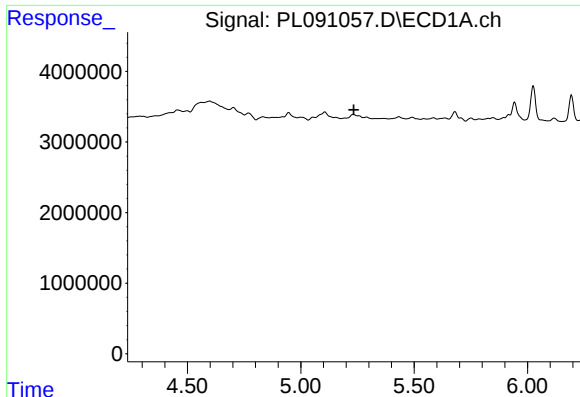
#23 Chlordane-1

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



#23 Chlordane-1

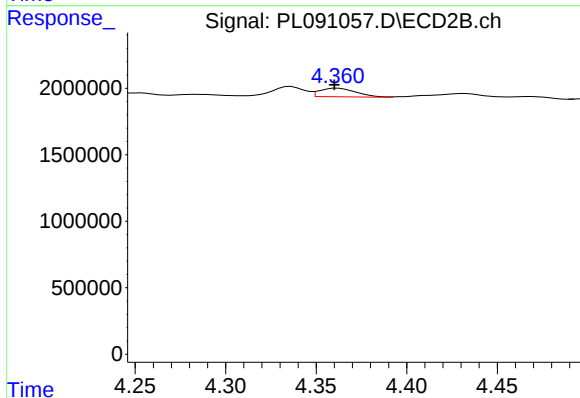
R.T.: 3.783 min  
Delta R.T.: 0.000 min  
Response: 1286754  
Conc: 17.65 ng/ml



#24 Chlordane-2

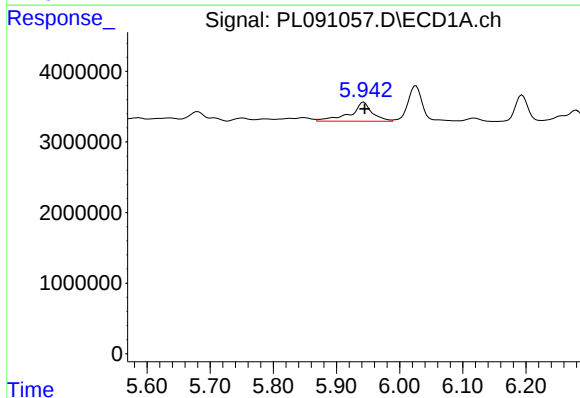
R.T.: 0.000 min  
Exp R.T.: 5.234 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



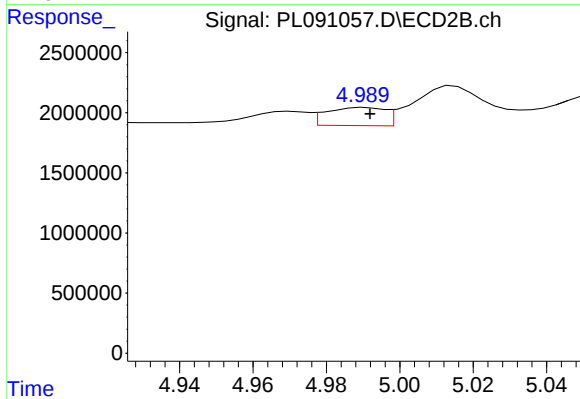
#24 Chlordane-2

R.T.: 4.362 min  
Delta R.T.: 0.002 min  
Response: 912733  
Conc: 9.71 ng/ml



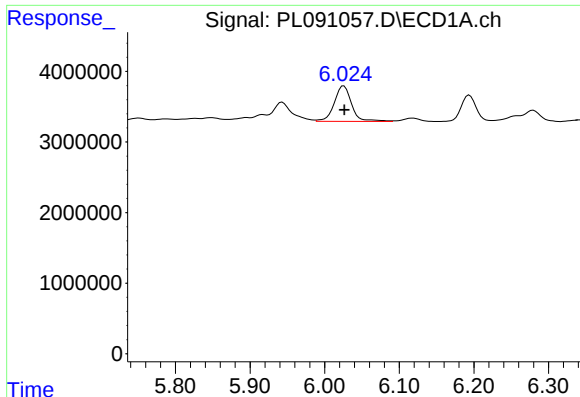
#25 Chlordane-3

R.T.: 5.943 min  
Delta R.T.: -0.001 min  
Response: 6571542  
Conc: 18.92 ng/ml



#25 Chlordane-3

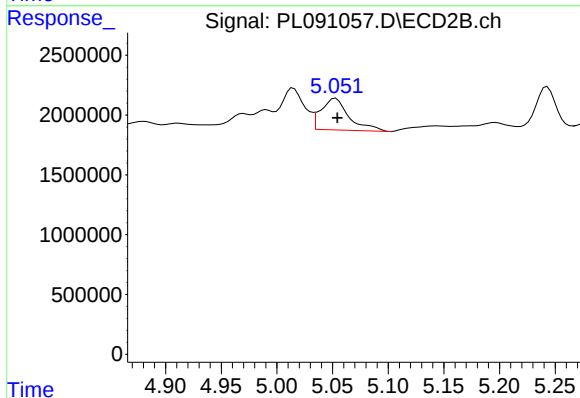
R.T.: 4.991 min  
Delta R.T.: -0.001 min  
Response: 1668470  
Conc: 6.87 ng/ml



#26 Chlordane-4

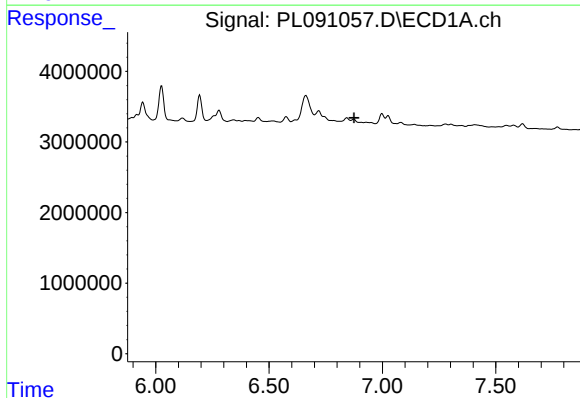
R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 8140243  
Conc: 19.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



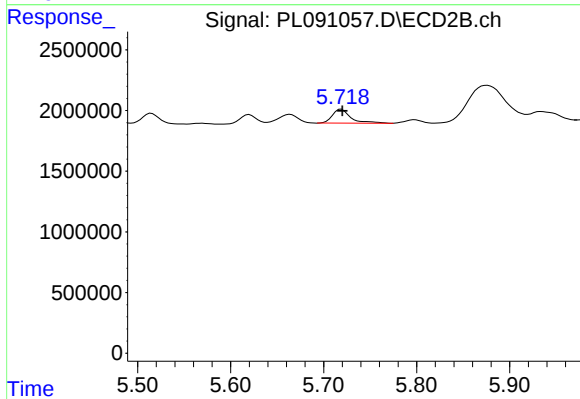
#26 Chlordane-4

R.T.: 5.053 min  
Delta R.T.: -0.001 min  
Response: 4617196  
Conc: 19.80 ng/ml



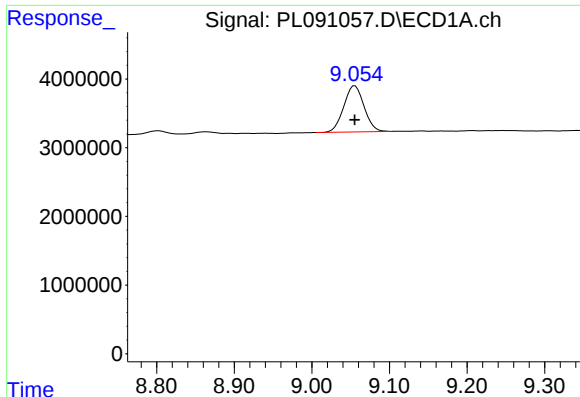
#27 Chlordane-5

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



#27 Chlordane-5

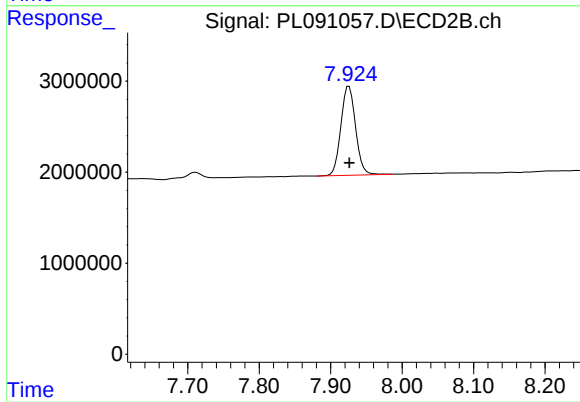
R.T.: 5.719 min  
Delta R.T.: -0.001 min  
Response: 1578886  
Conc: 22.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: 0.000 min  
Response: 12192971  
Conc: 8.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-14-080724



#28 Decachlorobiphenyl

R.T.: 7.926 min  
Delta R.T.: 0.000 min  
Response: 13941122  
Conc: 7.36 ng/ml