

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032420\  
 Data File : PL057558.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2020 19:22  
 Operator : AJ\MA  
 Sample : L2006-01  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 25 05:05:20 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 2020  
 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... | 3.458  | 3.956  | 88552484 | 10595911 | 9.553   | 4.884 #   |
| 28)                         | SA Decachlor... | 8.204  | 8.978  | 73512136 | 16813382 | 6.947   | 7.583     |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.337  | 0        | 8692091  | N.D.    | 2.706 #   |
| 3)                          | MA gamma-BHC... | 4.192  | 4.648f | 3446450  | -518818  | 0.240   | N.D. #    |
| 4)                          | MA Heptachlor   | 0.000  | 5.107f | 0        | 13319679 | N.D.    | 4.232 #   |
| 5)                          | MB Aldrin       | 4.730  | 5.430  | 3184924  | 3687477  | 0.231   | 1.209 #   |
| 6)                          | B beta-BHC      | 4.438  | 0.000  | 967.8E6  | 0        | 164.621 | N.D. #    |
| 7)                          | B delta-BHC     | 4.609f | 4.985f | 2558159  | 240.3E6  | 0.182   | 89.098 #  |
| 8)                          | B Heptachlo...  | 5.176  | 5.810  | 845227   | 1510516  | 0.066   | 0.554 #   |
| 9)                          | A Endosulfan I  | 5.503  | 6.149f | 4040578  | 2646649  | 0.340   | 0.930 #   |
| 10)                         | B gamma-Chl...  | 0.000  | 6.039  | 0        | 6438458  | N.D.    | 2.089 #   |
| 11)                         | B alpha-Chl...  | 5.444  | 6.149f | 56069562 | 2646649  | 4.339   | 0.850 #   |
| 12)                         | B 4,4'-DDE      | 5.648f | 0.000  | 2756884  | 0        | 0.221   | N.D. #    |
| 13)                         | MA Dieldrin     | 5.729f | 0.000  | 5421884  | 0        | 0.430   | N.D. #    |
| 14)                         | MA Endrin       | 5.988f | 6.627f | 14909131 | 2630102  | 1.304   | 1.090     |
| 15)                         | B Endosulfa...  | 6.291  | 0.000  | 27412944 | 0        | 2.524   | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 6.388  | 0.000  | 194258   | 0        | 0.019   | N.D. #    |
| 18)                         | B Endrin al...  | 6.451  | 0.000  | 4964827  | 0        | 0.538   | N.D. #    |
| 19)                         | B Endosulfa...  | 6.650  | 0.000  | 9719951  | 0        | 0.968   | N.D. #    |
| 20)                         | A Methoxychlor  | 6.905f | 0.000  | 4067494  | 0        | 0.758   | N.D. #    |
| 21)                         | B Endrin ke...  | 7.142  | 0.000  | 1631616  | 0        | 0.144   | N.D. #    |
| 22)                         | Mirex           | 7.346  | 0.000  | 4327687  | 0        | 0.534   | N.D. #    |
| 23)                         | Chlordane-1     | 0.000  | 4.912f | 0        | 23117090 | N.D.    | 278.189 # |
| 24)                         | Chlordane-2     | 4.853f | 5.430f | 12469629 | 3687477  | 34.317  | 39.128    |
| 25)                         | Chlordane-3     | 0.000  | 6.039  | 0        | 6438458  | N.D.    | 16.979 #  |
| 26)                         | Chlordane-4     | 5.444  | 6.149f | 56069562 | 2646649  | 58.487  | 5.783 #   |
| 27)                         | Chlordane-5     | 6.291  | 6.914  | 27412944 | 1203183  | 75.340  | 15.014 #  |
| -----                       |                 |        |        |          |          |         |           |

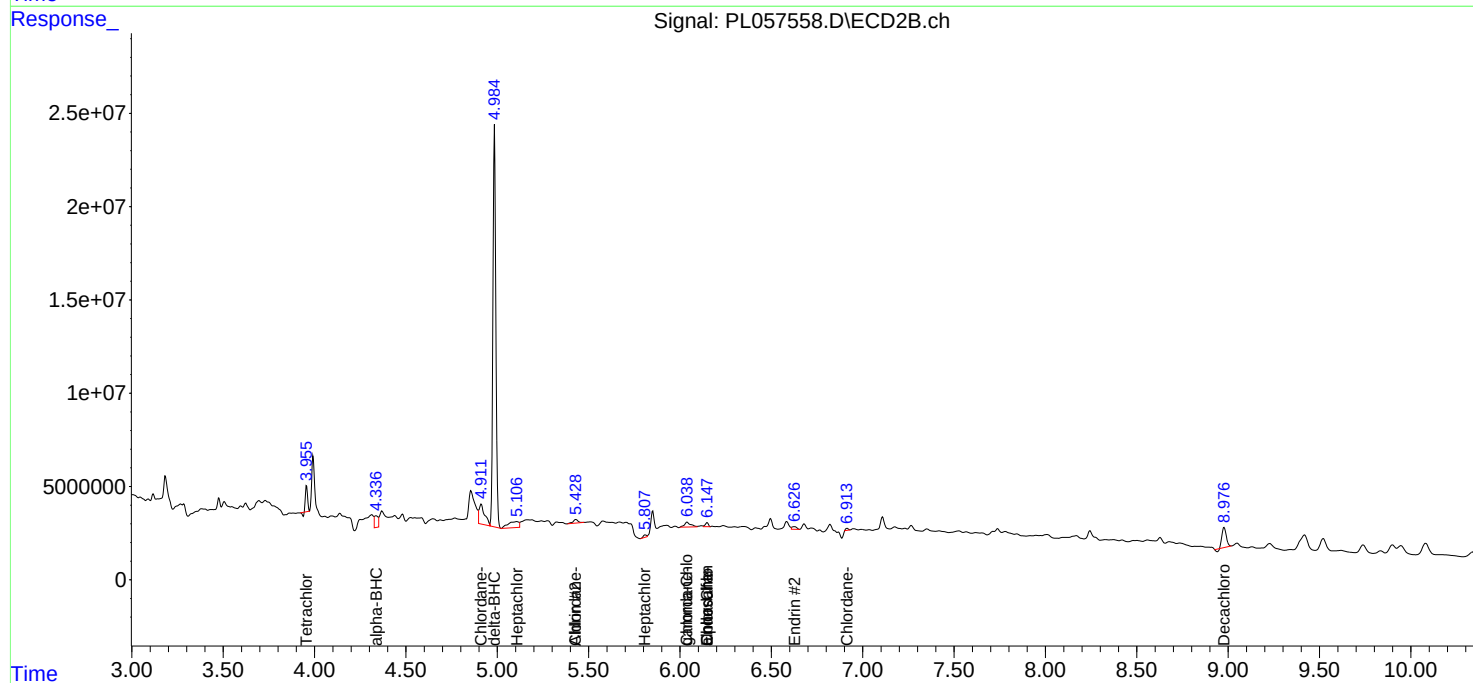
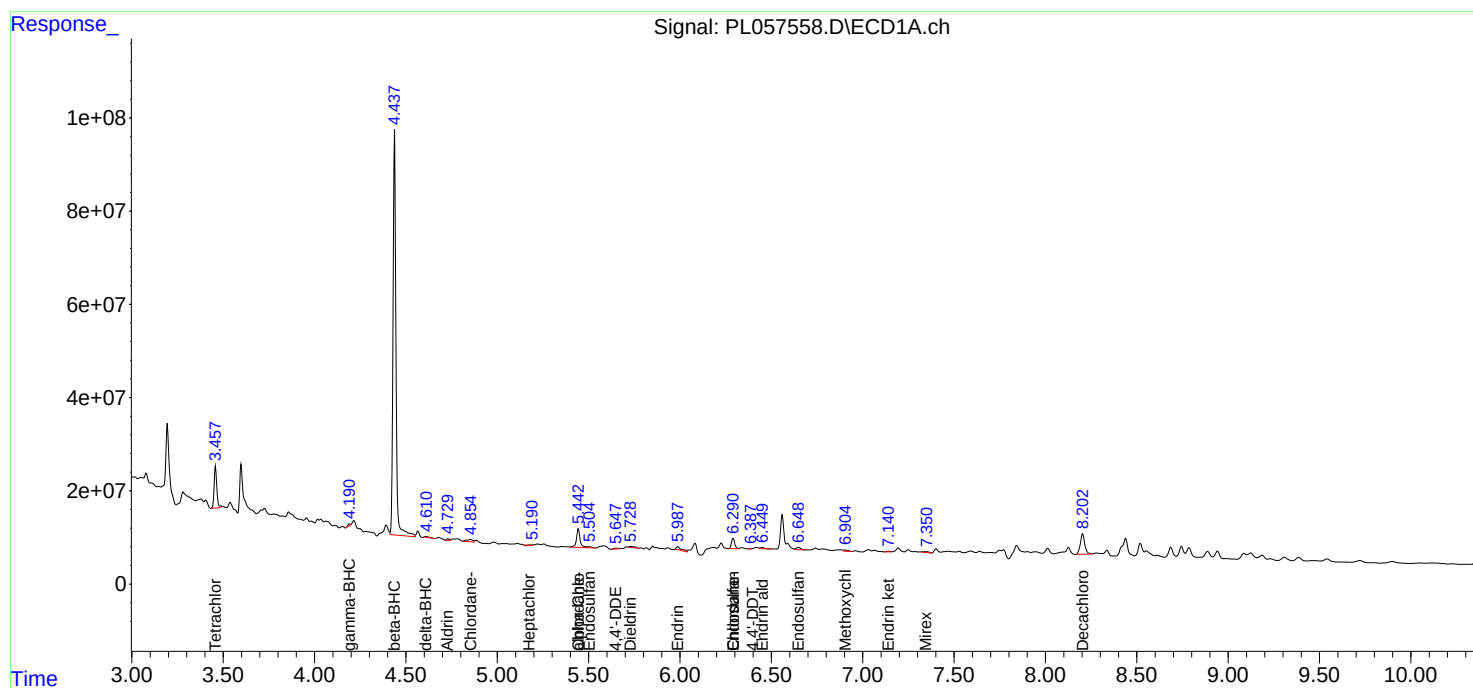
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

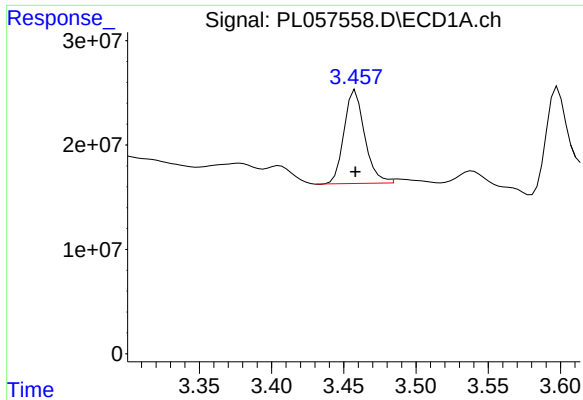
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032420\  
Data File : PL057558.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2020 19:22  
Operator : AJ\MA  
Sample : L2006-01  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 05:05:20 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 16 09:40:37 2020  
Response via : Initial Calibration  
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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

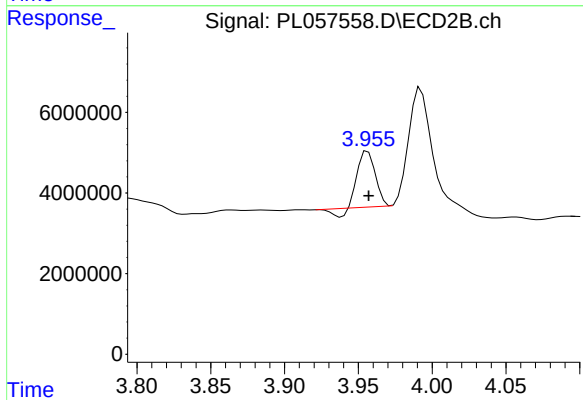




#1 Tetrachloro-m-xylene

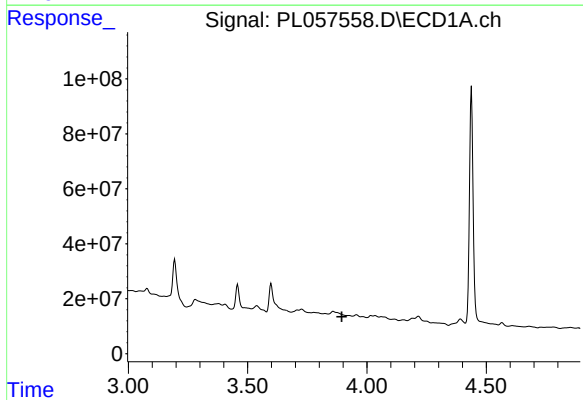
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 88552484  
Conc: 9.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



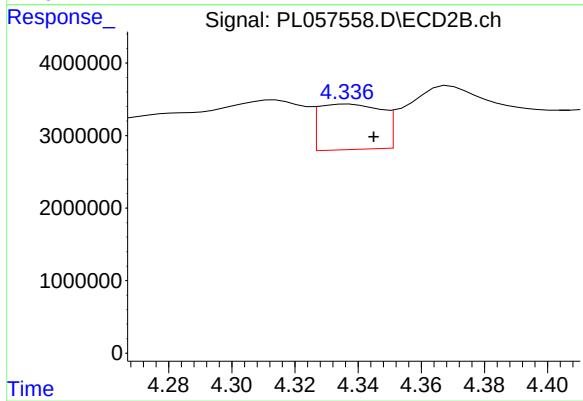
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: 0.000 min  
Response: 10595911  
Conc: 4.88 ng/ml



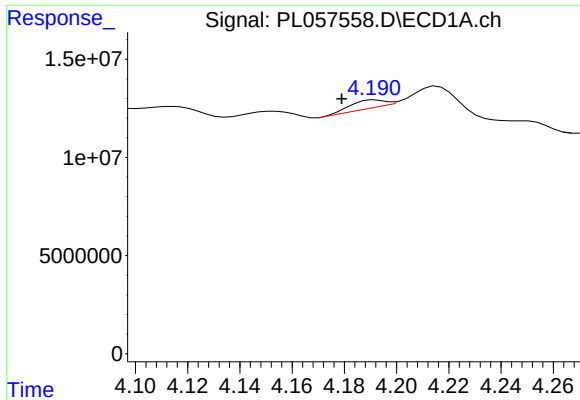
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.895 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

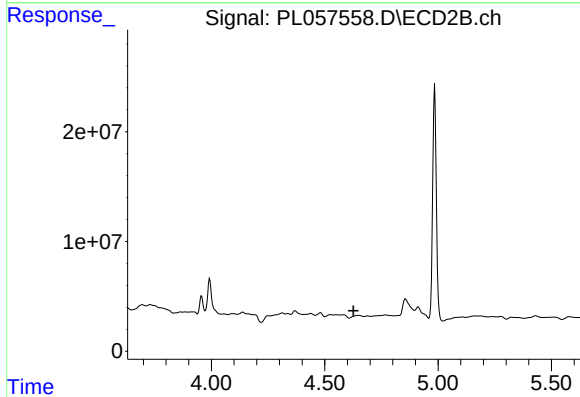
R.T.: 4.337 min  
Delta R.T.: -0.008 min  
Response: 8692091  
Conc: 2.71 ng/ml



#3 gamma-BHC (Lindane)

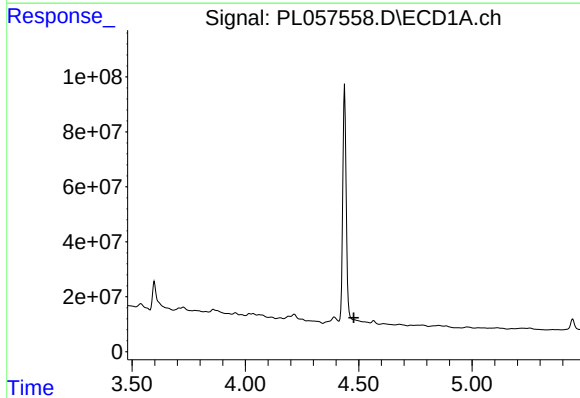
R.T.: 4.192 min  
Delta R.T.: 0.013 min  
Response: 3446450  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



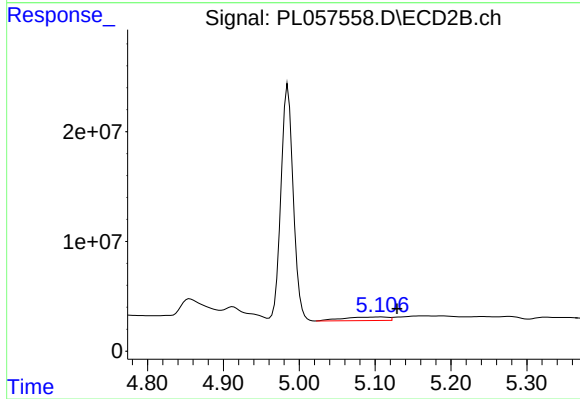
#3 gamma-BHC (Lindane)

R.T.: 4.648 min  
Delta R.T.: 0.021 min  
Response: -518818  
Conc: N.D.



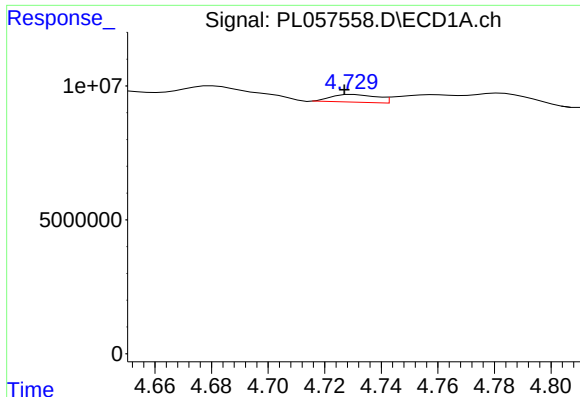
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.479 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

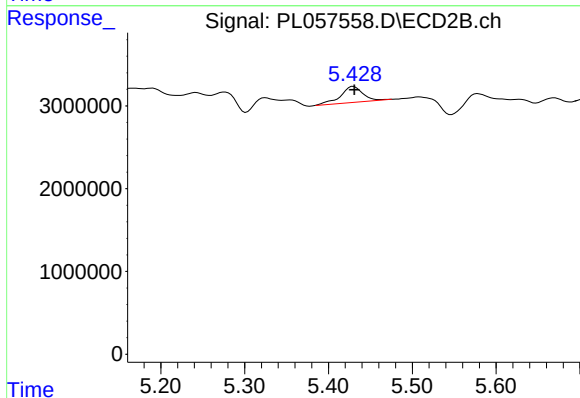
R.T.: 5.107 min  
Delta R.T.: -0.022 min  
Response: 13319679  
Conc: 4.23 ng/ml



#5 Aldrin

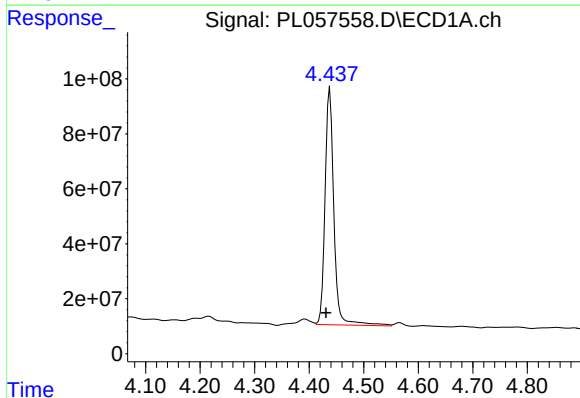
R.T.: 4.730 min  
Delta R.T.: 0.003 min  
Response: 3184924  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



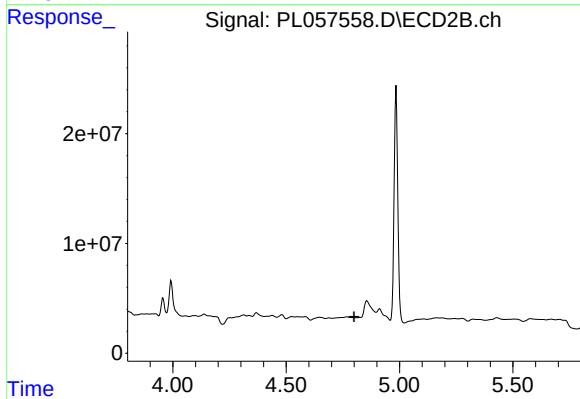
#5 Aldrin

R.T.: 5.430 min  
Delta R.T.: -0.001 min  
Response: 3687477  
Conc: 1.21 ng/ml



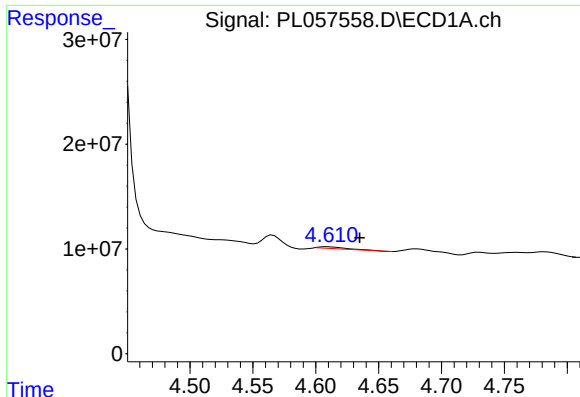
#6 beta-BHC

R.T.: 4.438 min  
Delta R.T.: 0.007 min  
Response: 967822367  
Conc: 164.62 ng/ml



#6 beta-BHC

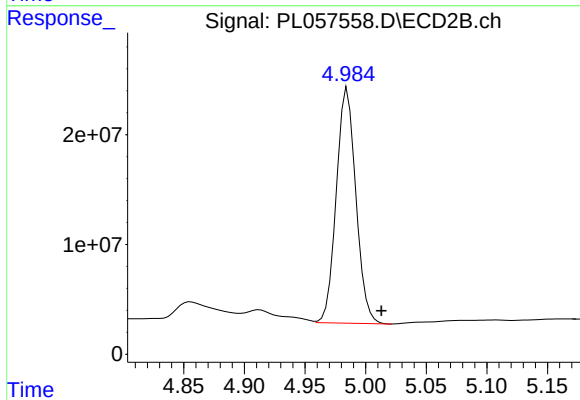
R.T.: 0.000 min  
Exp R.T. : 4.800 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

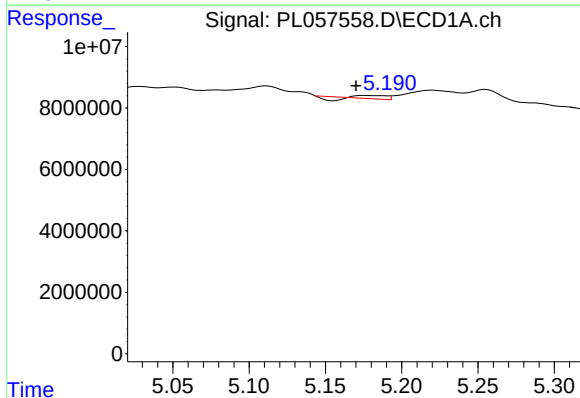
R.T.: 4.609 min  
Delta R.T.: -0.026 min  
Response: 2558159  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



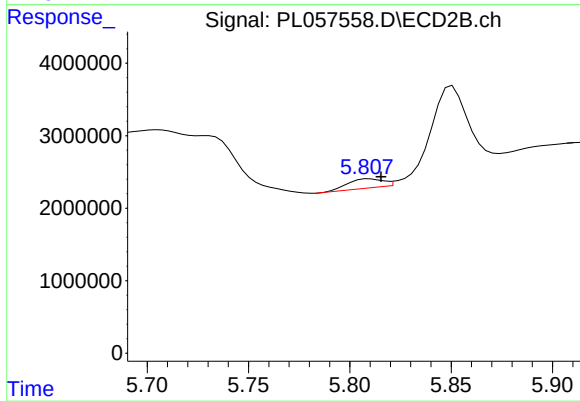
#7 delta-BHC

R.T.: 4.985 min  
Delta R.T.: -0.028 min  
Response: 240297514  
Conc: 89.10 ng/ml



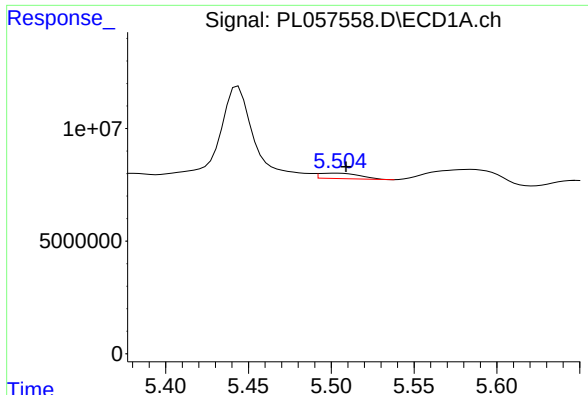
#8 Heptachlor epoxide

R.T.: 5.176 min  
Delta R.T.: 0.006 min  
Response: 845227  
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

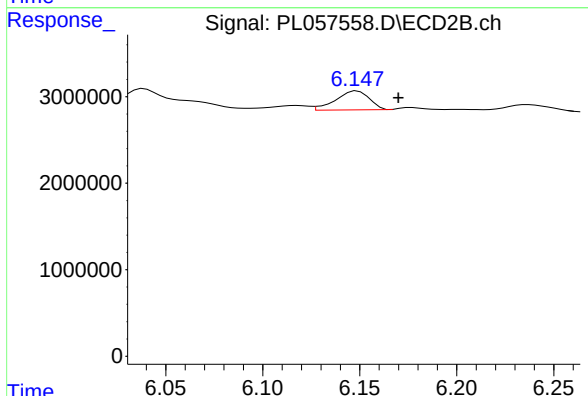
R.T.: 5.810 min  
Delta R.T.: -0.006 min  
Response: 1510516  
Conc: 0.55 ng/ml



#9 Endosulfan I

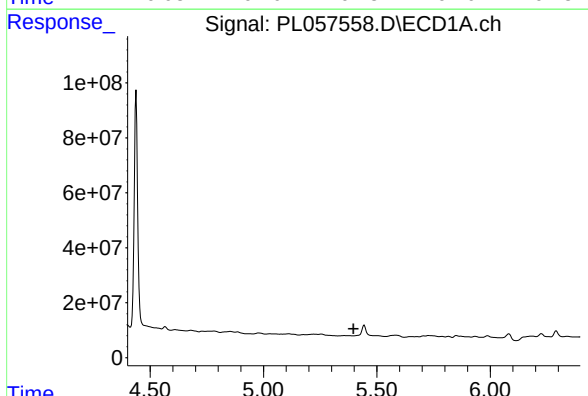
R.T.: 5.503 min  
Delta R.T.: -0.006 min  
Response: 4040578  
Conc: 0.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



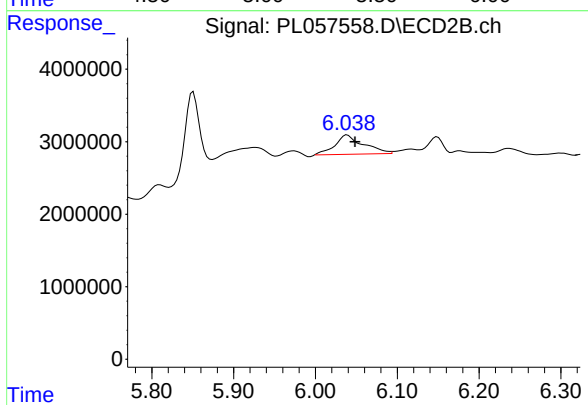
#9 Endosulfan I

R.T.: 6.149 min  
Delta R.T.: -0.021 min  
Response: 2646649  
Conc: 0.93 ng/ml



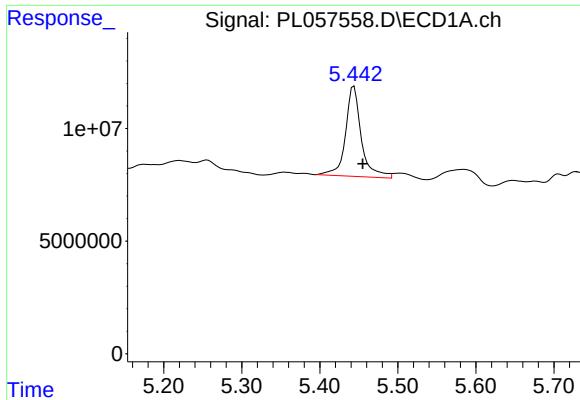
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.397 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

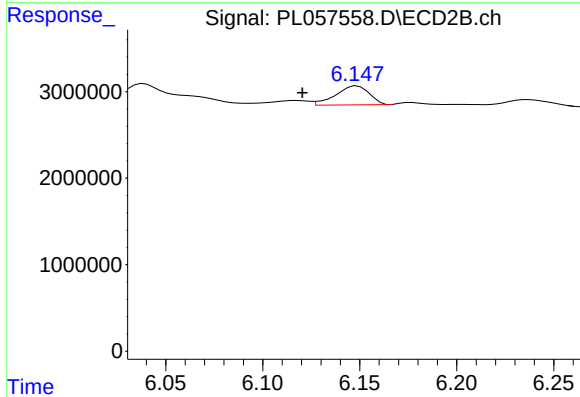
R.T.: 6.039 min  
Delta R.T.: -0.010 min  
Response: 6438458  
Conc: 2.09 ng/ml



#11 alpha-Chlordane

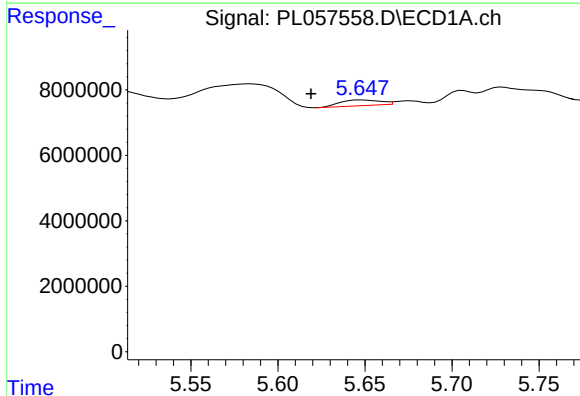
R.T.: 5.444 min  
Delta R.T.: -0.011 min  
Response: 56069562  
Conc: 4.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



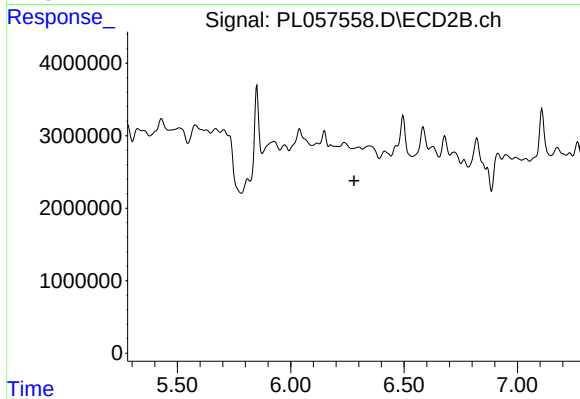
#11 alpha-Chlordane

R.T.: 6.149 min  
Delta R.T.: 0.028 min  
Response: 2646649  
Conc: 0.85 ng/ml



#12 4,4'-DDE

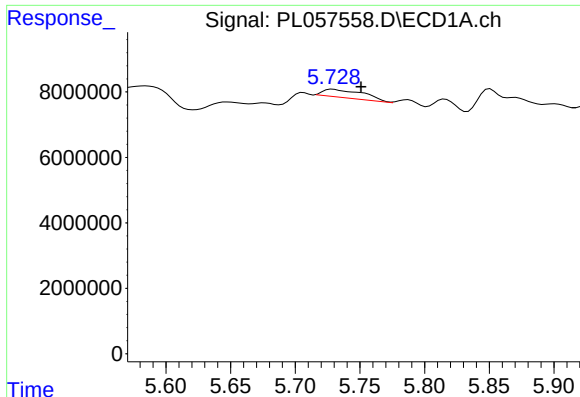
R.T.: 5.648 min  
Delta R.T.: 0.029 min  
Response: 2756884  
Conc: 0.22 ng/ml



#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.280 min  
Response: 0  
Conc: N.D.

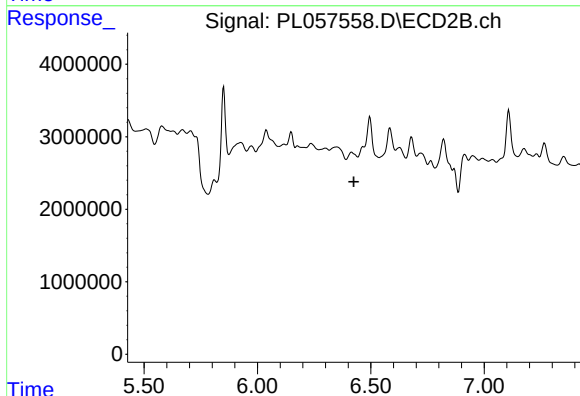




#13 Dieldrin

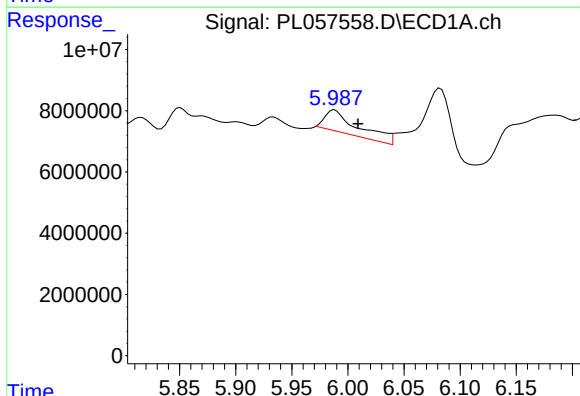
R.T.: 5.729 min  
Delta R.T.: -0.022 min  
Response: 5421884  
Conc: 0.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



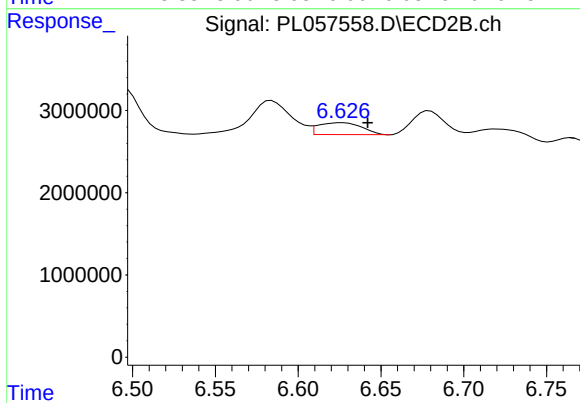
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.425 min  
Response: 0  
Conc: N.D.



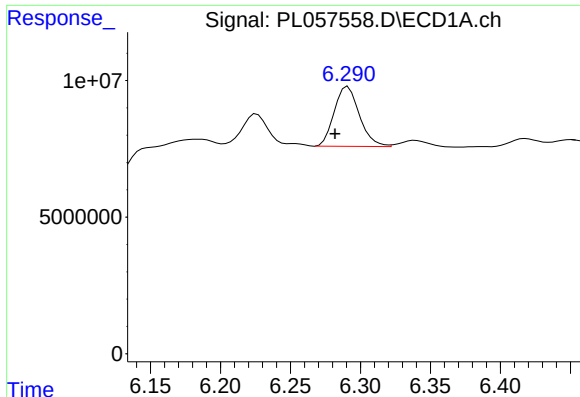
#14 Endrin

R.T.: 5.988 min  
Delta R.T.: -0.021 min  
Response: 14909131  
Conc: 1.30 ng/ml



#14 Endrin

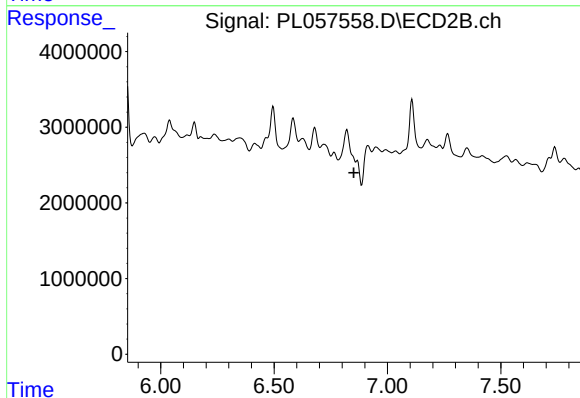
R.T.: 6.627 min  
Delta R.T.: -0.015 min  
Response: 2630102  
Conc: 1.09 ng/ml



#15 Endosulfan II

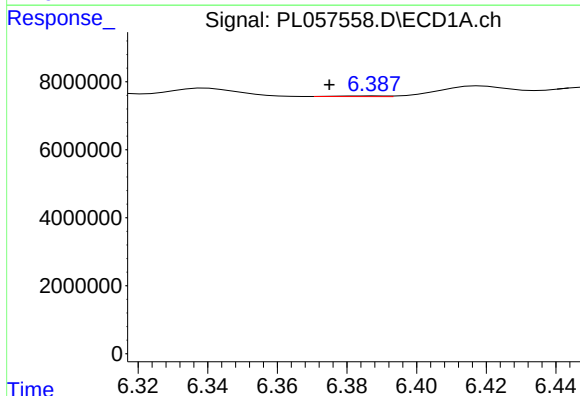
R.T.: 6.291 min  
Delta R.T.: 0.009 min  
Response: 27412944  
Conc: 2.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



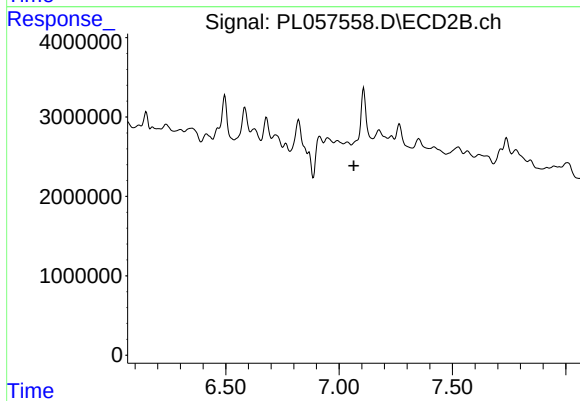
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.852 min  
Response: 0  
Conc: N.D.



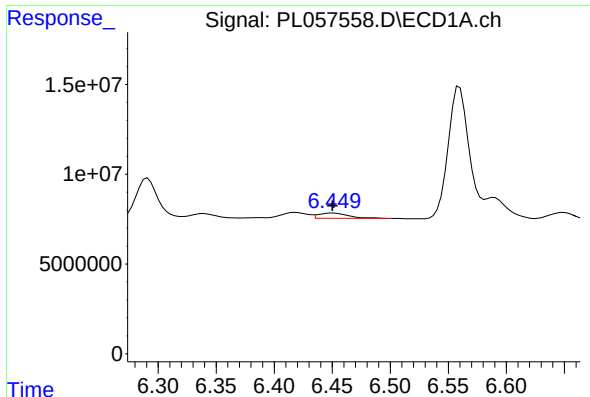
#17 4,4'-DDT

R.T.: 6.388 min  
Delta R.T.: 0.013 min  
Response: 194258  
Conc: 0.02 ng/ml



#17 4,4'-DDT

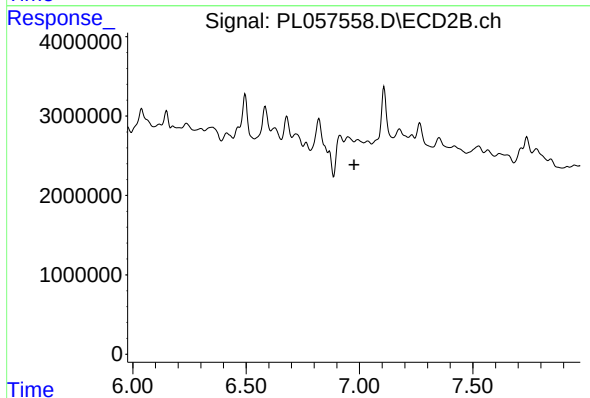
R.T.: 0.000 min  
Exp R.T. : 7.065 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

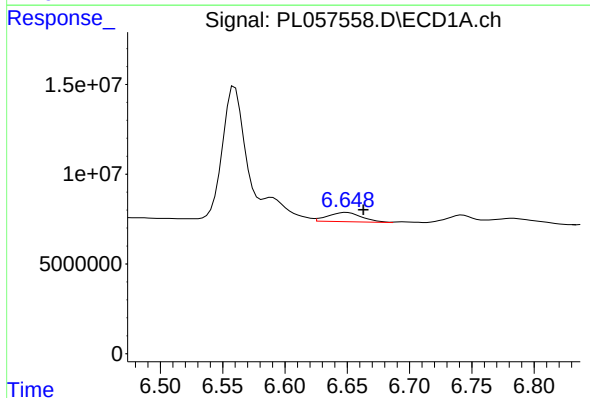
R.T.: 6.451 min  
Delta R.T.: 0.000 min  
Response: 4964827  
Conc: 0.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



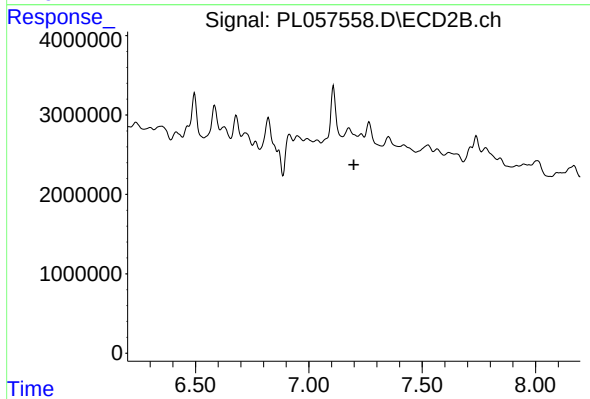
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.976 min  
Response: 0  
Conc: N.D.



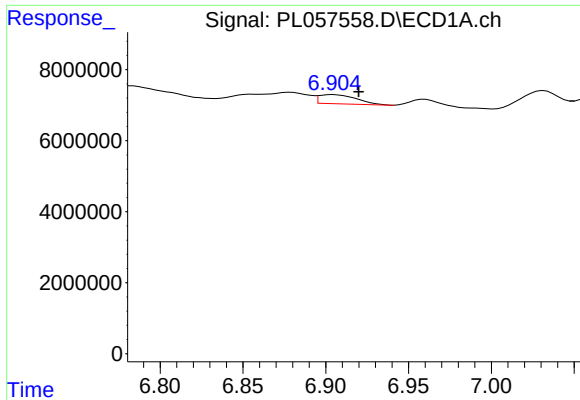
#19 Endosulfan Sulfate

R.T.: 6.650 min  
Delta R.T.: -0.013 min  
Response: 9719951  
Conc: 0.97 ng/ml



#19 Endosulfan Sulfate

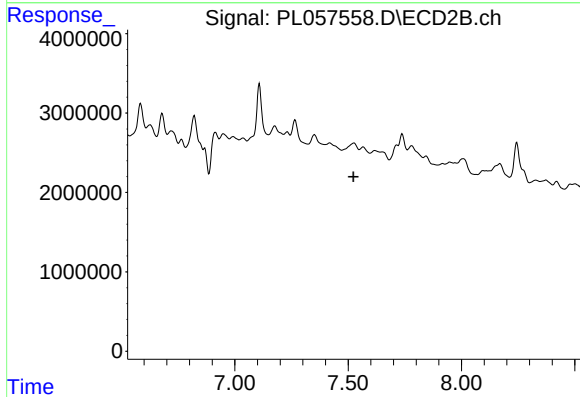
R.T.: 0.000 min  
Exp R.T. : 7.199 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

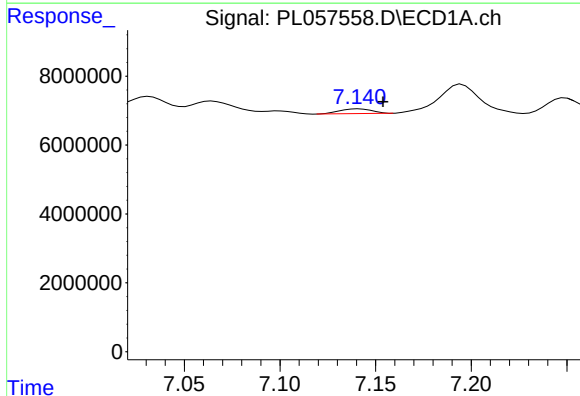
R.T.: 6.905 min  
Delta R.T.: -0.015 min  
Response: 4067494  
Conc: 0.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



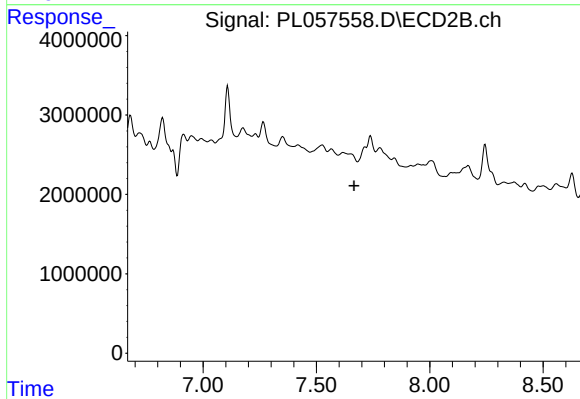
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.524 min  
Response: 0  
Conc: N.D.



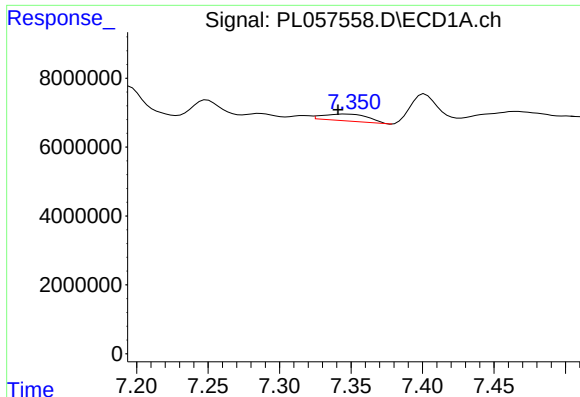
#21 Endrin ketone

R.T.: 7.142 min  
Delta R.T.: -0.012 min  
Response: 1631616  
Conc: 0.14 ng/ml



#21 Endrin ketone

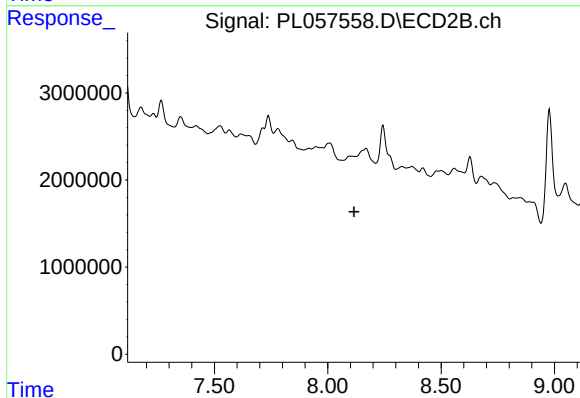
R.T.: 0.000 min  
Exp R.T. : 7.666 min  
Response: 0  
Conc: N.D.



#22 Mirex

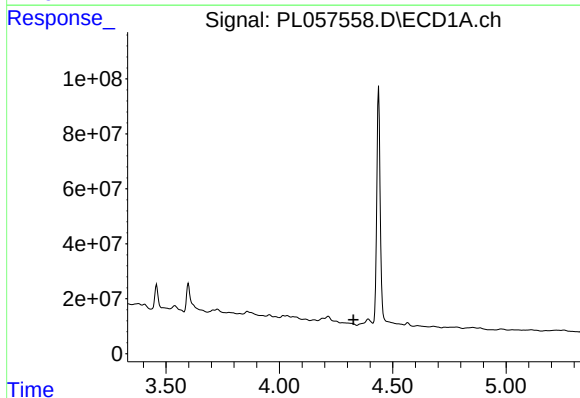
R.T.: 7.346 min  
Delta R.T.: 0.005 min  
Response: 4327687  
Conc: 0.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



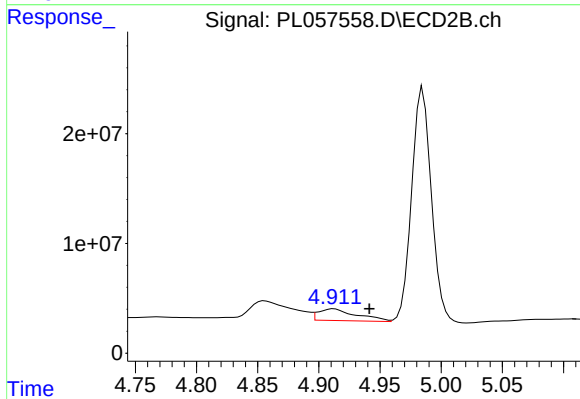
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.116 min  
Response: 0  
Conc: N.D.



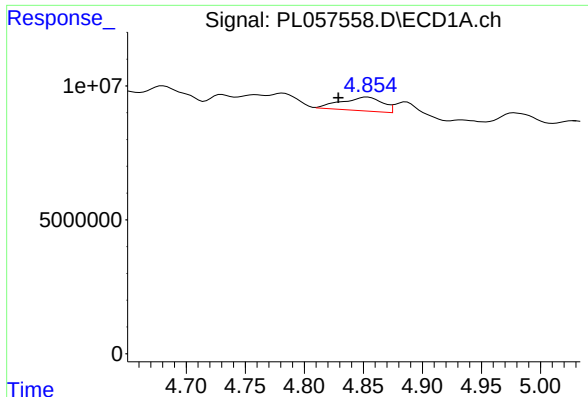
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.327 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

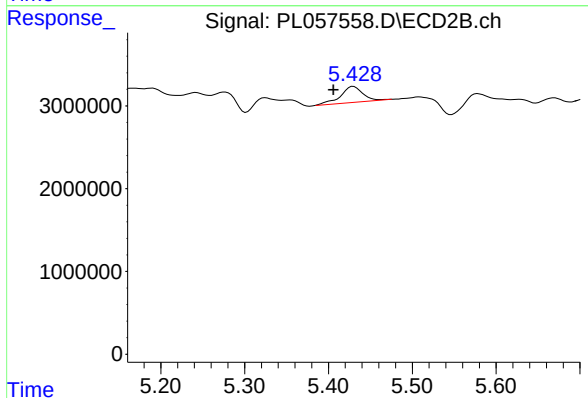
R.T.: 4.912 min  
Delta R.T.: -0.029 min  
Response: 23117090  
Conc: 278.19 ng/ml



#24 Chlordane-2

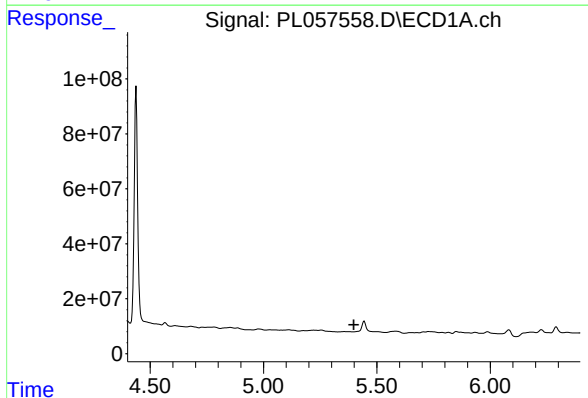
R.T.: 4.853 min  
Delta R.T.: 0.024 min  
Response: 12469629  
Conc: 34.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



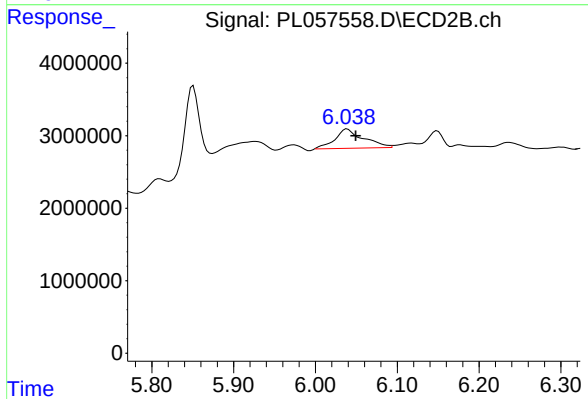
#24 Chlordane-2

R.T.: 5.430 min  
Delta R.T.: 0.024 min  
Response: 3687477  
Conc: 39.13 ng/ml



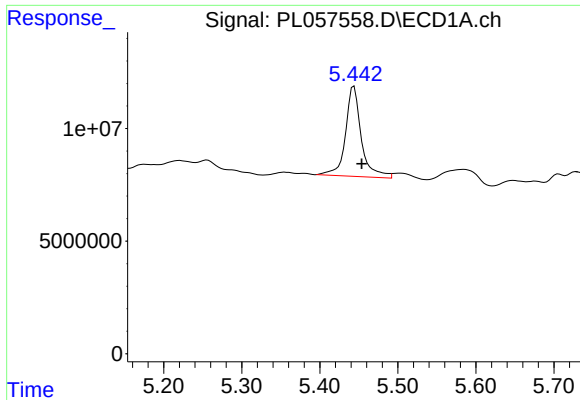
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.398 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

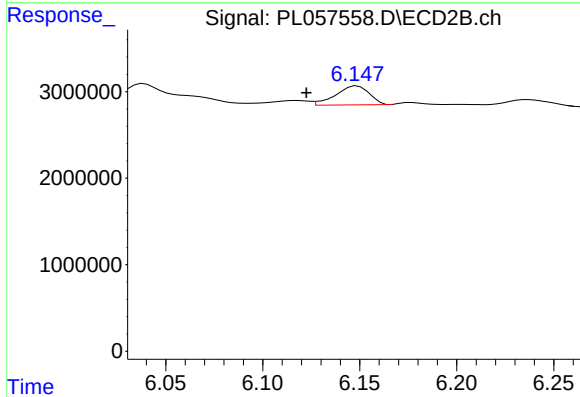
R.T.: 6.039 min  
Delta R.T.: -0.010 min  
Response: 6438458  
Conc: 16.98 ng/ml



#26 Chlordane-4

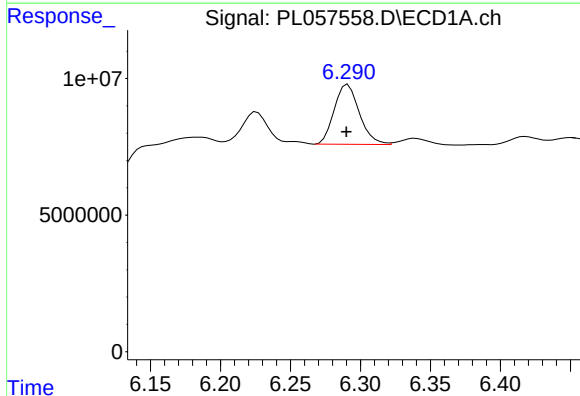
R.T.: 5.444 min  
Delta R.T.: -0.010 min  
Response: 56069562  
Conc: 58.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



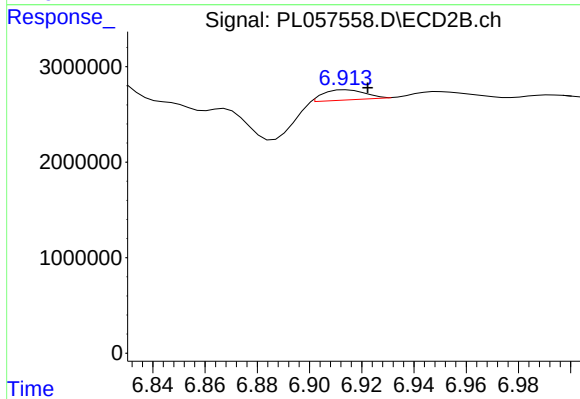
#26 Chlordane-4

R.T.: 6.149 min  
Delta R.T.: 0.026 min  
Response: 2646649  
Conc: 5.78 ng/ml



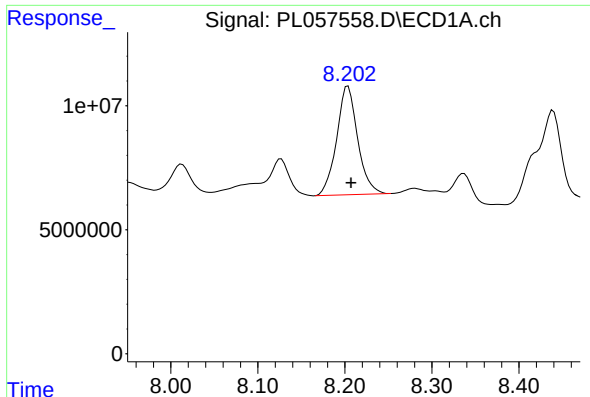
#27 Chlordane-5

R.T.: 6.291 min  
Delta R.T.: 0.001 min  
Response: 27412944  
Conc: 75.34 ng/ml



#27 Chlordane-5

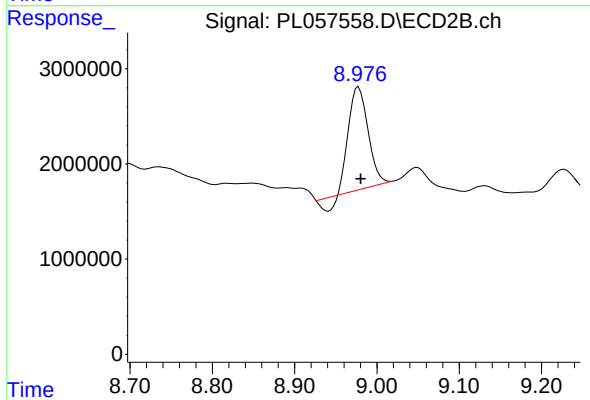
R.T.: 6.914 min  
Delta R.T.: -0.008 min  
Response: 1203183  
Conc: 15.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: -0.003 min  
Response: 73512136  
Conc: 6.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.003 min  
Response: 16813382  
Conc: 7.58 ng/ml