

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041520\  
 Data File : PL058040.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Apr 2020 23:11  
 Operator : AJ\MA  
 Sample : L2245-34  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 16 00:59:11 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 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... | 3.457  | 3.956  | 111.9E6   | 22081392  | 11.097  | 10.175    |
| 28)                         | SA Decachlor... | 8.204  | 8.977  | 139.8E6   | 34300225  | 13.566  | 15.355    |
| Target Compounds            |                 |        |        |           |           |         |           |
| 2)                          | A alpha-BHC     | 3.907  | 4.344  | 3180979   | 60883     | 0.183   | 0.019 #   |
| 3)                          | MA gamma-BHC... | 4.178  | 4.627  | 1410599   | 152461    | 0.097   | 0.047 #   |
| 4)                          | MA Heptachlor   | 4.508f | 5.128  | 11650658  | 3772113   | 0.727   | 1.124 #   |
| 5)                          | MB Aldrin       | 4.710f | 5.409f | 18496159  | 6178575   | 1.256   | 1.908 #   |
| 6)                          | B beta-BHC      | 4.427  | 4.827f | 27775842  | 1800586   | 4.398   | 1.297 #   |
| 7)                          | B delta-BHC     | 4.627  | 5.033f | 43051104  | 3765515   | 2.837   | 3.471     |
| 8)                          | B Heptachlo...  | 5.159  | 5.810  | 70630270  | 9859400   | 5.255   | 3.651 #   |
| 9)                          | A Endosulfan I  | 5.528f | 6.177  | 52704334  | 3406770   | 4.300   | 1.143 #   |
| 10)                         | B gamma-Chl...  | 5.413f | 6.067f | 655.3E6   | 106.8E6   | 48.247  | 32.973 #  |
| 11)                         | B alpha-Chl...  | 5.455  | 6.121  | 35894708  | 55323116  | 2.696   | 16.906 #  |
| 12)                         | B 4,4'-DDE      | 5.613  | 6.257f | 366.3E6   | 57433425  | 27.962  | 19.399 #  |
| 13)                         | MA Dieldrin     | 5.744  | 6.441f | 368.1E6   | 99732527  | 28.294  | 32.639    |
| 14)                         | MA Endrin       | 6.022  | 0.000  | 364.8E6   | 0         | 31.251  | N.D. #    |
| 15)                         | B Endosulfa...  | 0.000  | 6.850  | 0         | 108.7E6   | N.D.    | 41.917 #  |
| 16)                         | A 4,4'-DDD      | 6.117f | 6.790f | 338.1E6   | -31783496 | 33.824  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 6.386  | 7.067  | 1408.1E6  | 114.8E6   | 138.736 | 51.518 #  |
| 18)                         | B Endrin al...  | 6.424f | 6.952f | 1214.8E6  | -49192831 | 129.930 | N.D. #    |
| 19)                         | B Endosulfa...  | 6.661  | 7.183f | 458.0E6   | 455.8E6   | 45.084  | 192.083 # |
| 20)                         | A Methoxychlor  | 6.921  | 0.000  | 2270.5E6  | 0         | 411.869 | N.D. #    |
| 22)                         | Mirex           | 7.350  | 0.000  | 1178.2E6  | 0         | 143.726 | N.D. #    |
| 23)                         | Chlordane-1     | 4.325  | 4.939  | 44455626  | 6471974   | 120.199 | 73.392 #  |
| 24)                         | Chlordane-2     | 4.857f | 5.409  | -15039935 | 6178575   | N.D.    | 59.205    |
| 25)                         | Chlordane-3     | 5.413f | 6.067f | 655.3E6   | 106.8E6   | 535.943 | 246.901 # |
| 26)                         | Chlordane-4     | 5.455  | 6.121  | 35894708  | 55323116  | 34.507  | 105.390 # |
| 27)                         | Chlordane-5     | 6.313f | 6.952f | 278.4E6   | -49192831 | 736.055 | N.D. #    |
| -----                       |                 |        |        |           |           |         |           |

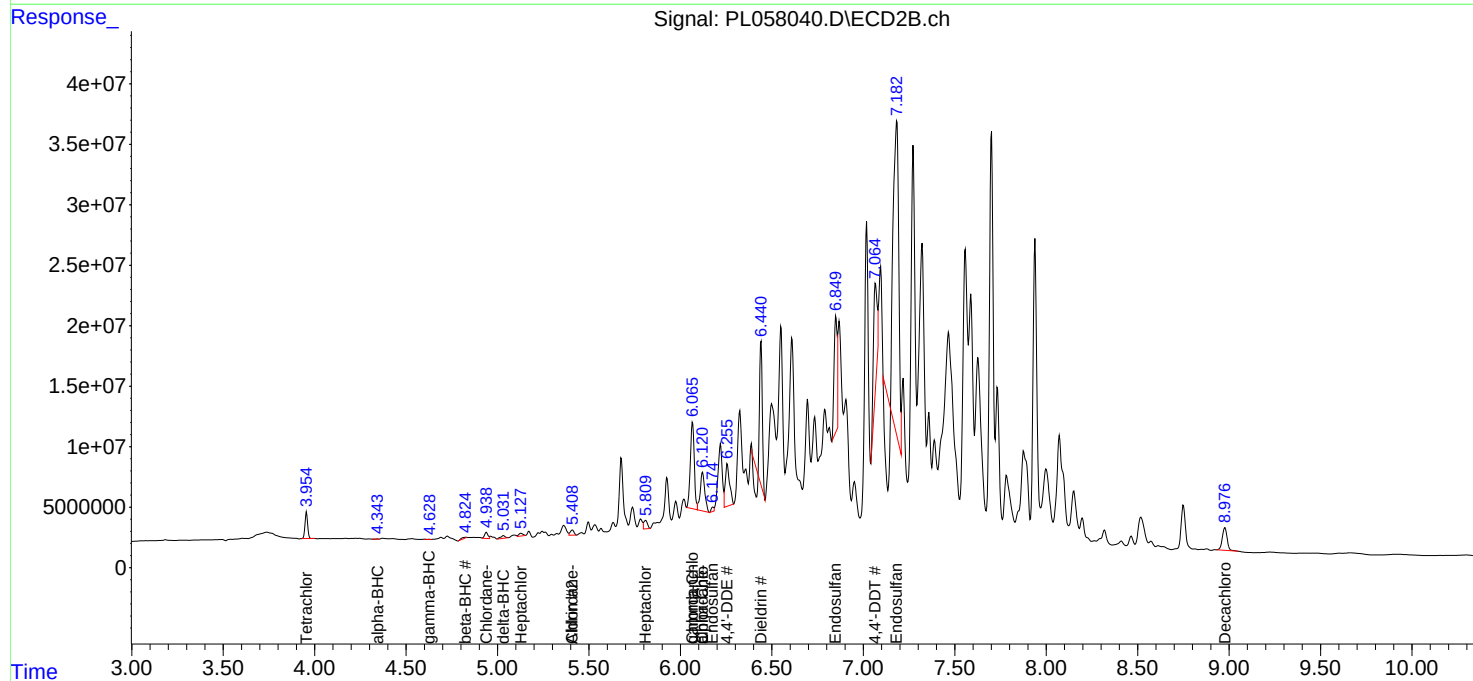
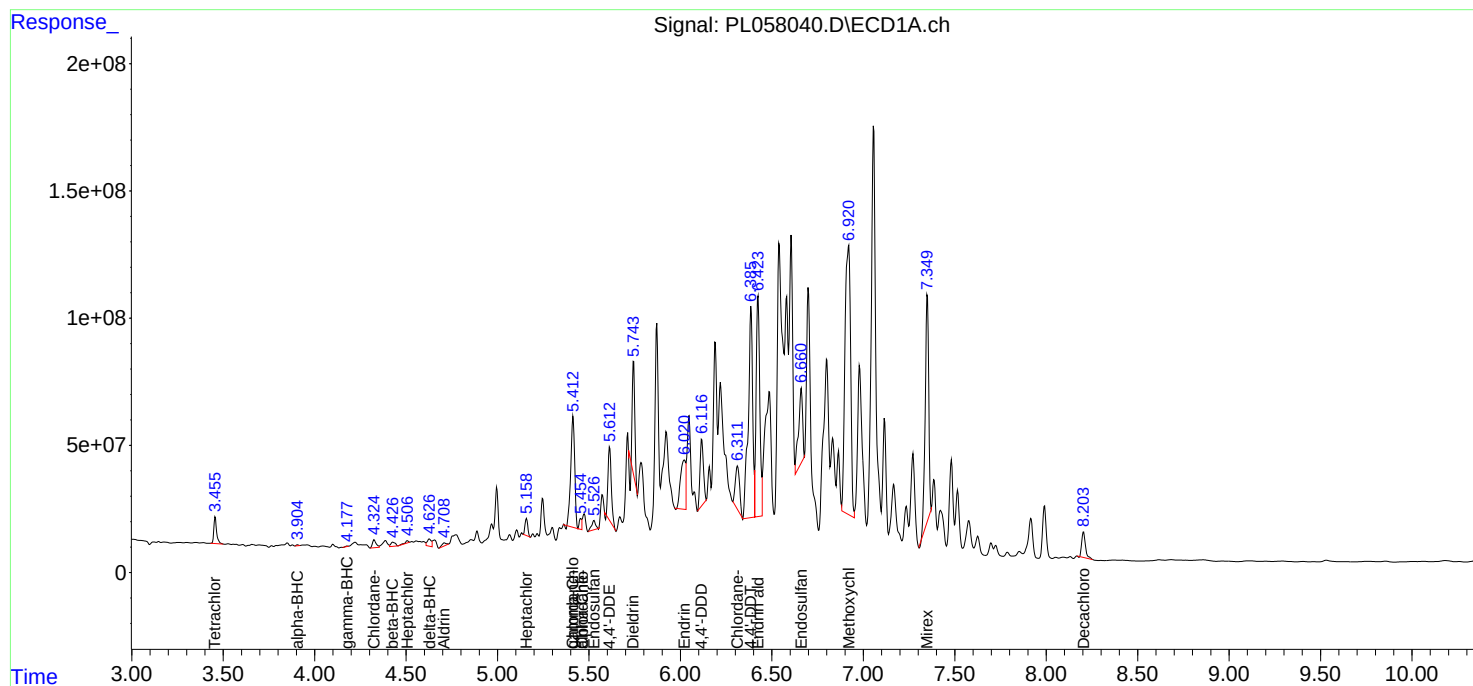
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

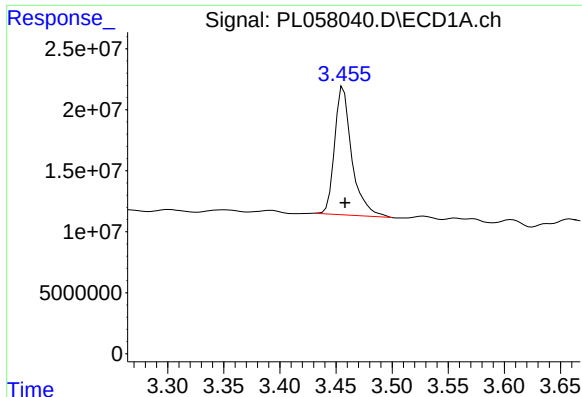
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041520\  
Data File : PL058040.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Apr 2020 23:11  
Operator : AJ\MA  
Sample : L2245-34  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 16 00:59:11 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 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

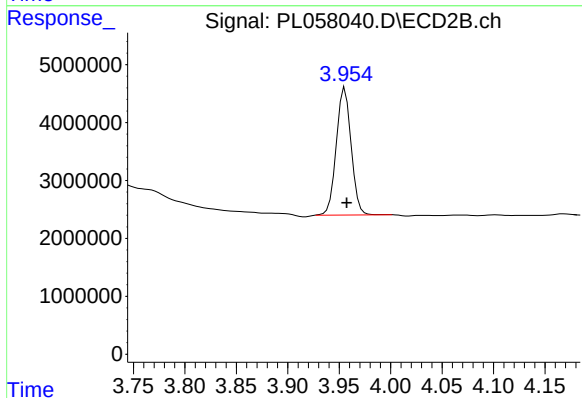




#1 Tetrachloro-m-xylene

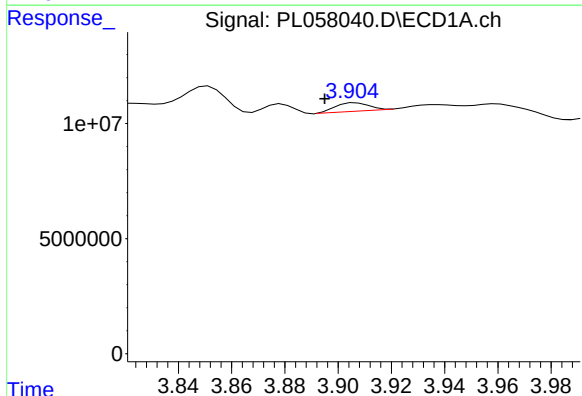
R.T.: 3.457 min  
Delta R.T.: -0.001 min  
Response: 111866300  
Conc: 11.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



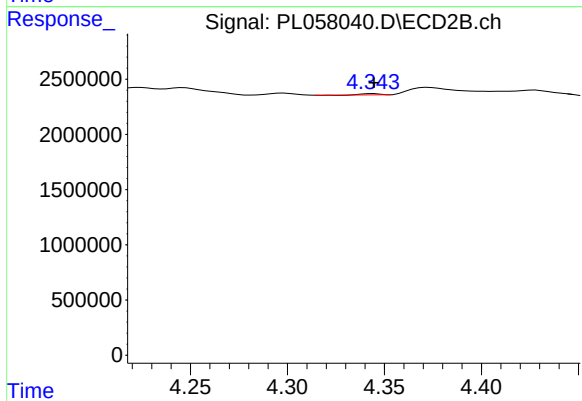
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: -0.002 min  
Response: 22081392  
Conc: 10.18 ng/ml



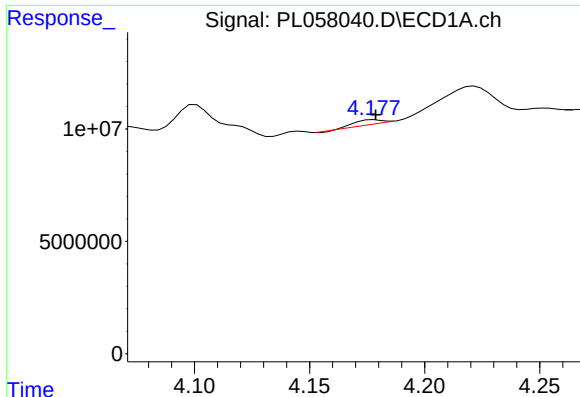
#2 alpha-BHC

R.T.: 3.907 min  
Delta R.T.: 0.012 min  
Response: 3180979  
Conc: 0.18 ng/ml



#2 alpha-BHC

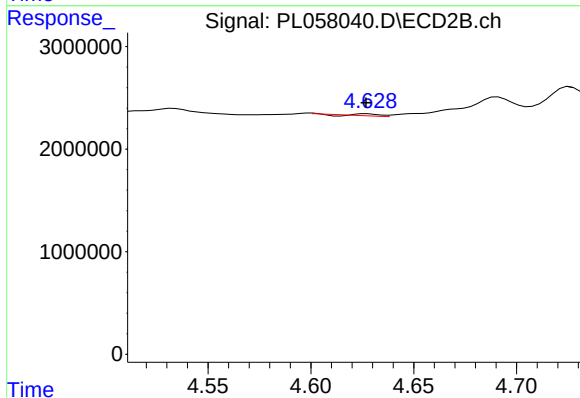
R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 60883  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

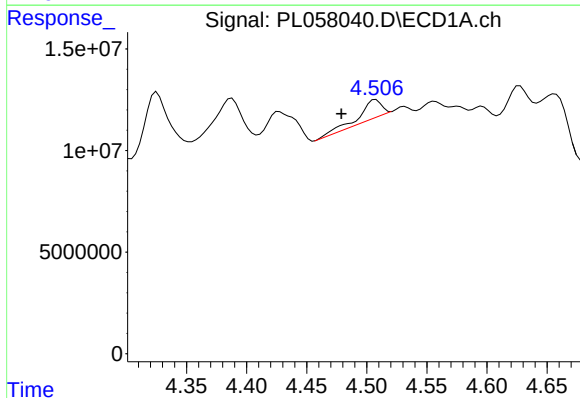
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 1410599  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



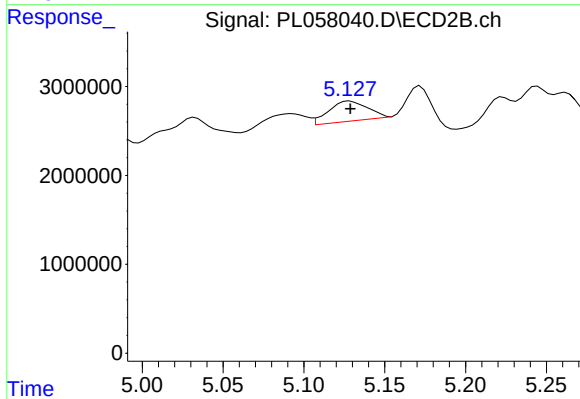
#3 gamma-BHC (Lindane)

R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 152461  
Conc: 0.05 ng/ml



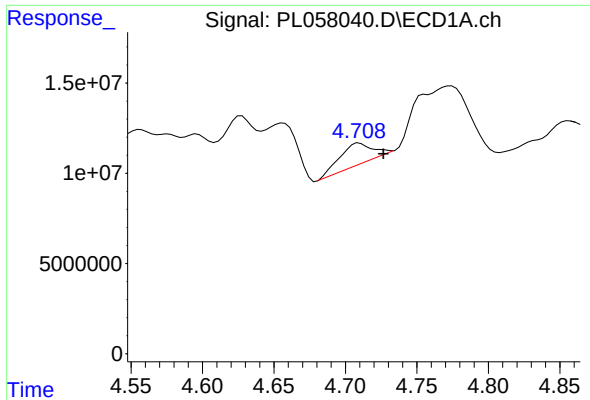
#4 Heptachlor

R.T.: 4.508 min  
Delta R.T.: 0.029 min  
Response: 11650658  
Conc: 0.73 ng/ml



#4 Heptachlor

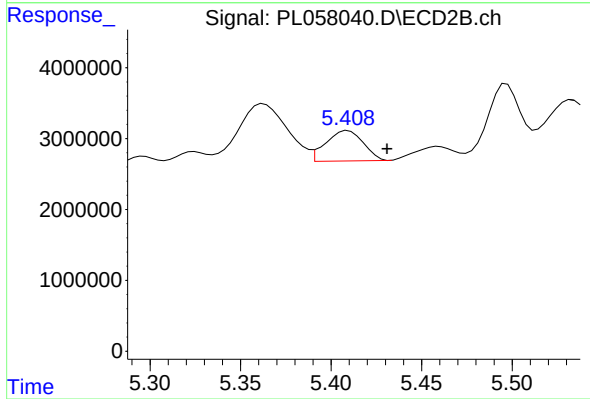
R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 3772113  
Conc: 1.12 ng/ml



#5 Aldrin

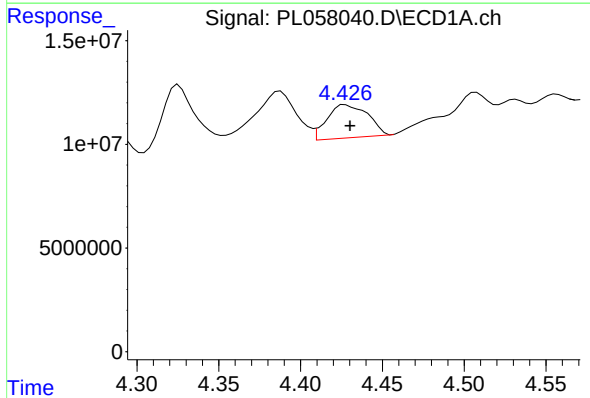
R.T.: 4.710 min  
Delta R.T.: -0.017 min  
Response: 18496159  
Conc: 1.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



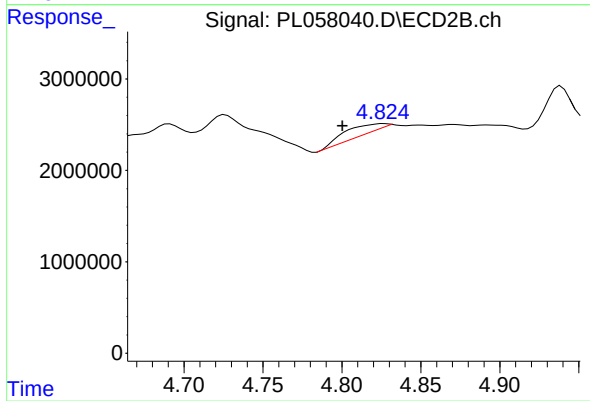
#5 Aldrin

R.T.: 5.409 min  
Delta R.T.: -0.022 min  
Response: 6178575  
Conc: 1.91 ng/ml



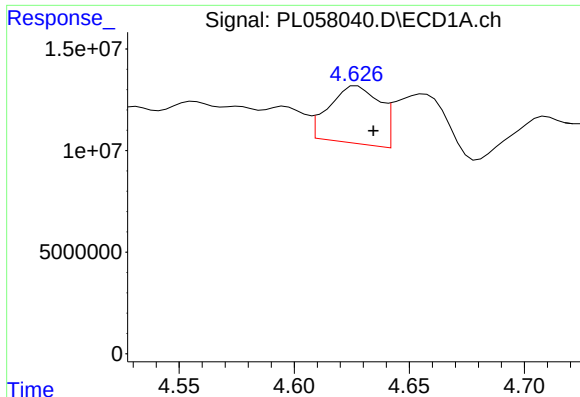
#6 beta-BHC

R.T.: 4.427 min  
Delta R.T.: -0.003 min  
Response: 27775842  
Conc: 4.40 ng/ml



#6 beta-BHC

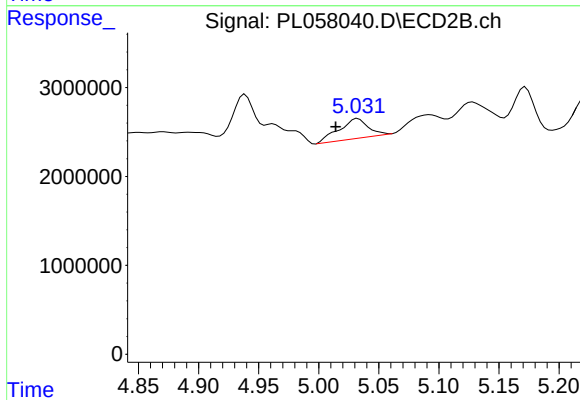
R.T.: 4.827 min  
Delta R.T.: 0.027 min  
Response: 1800586  
Conc: 1.30 ng/ml



#7 delta-BHC

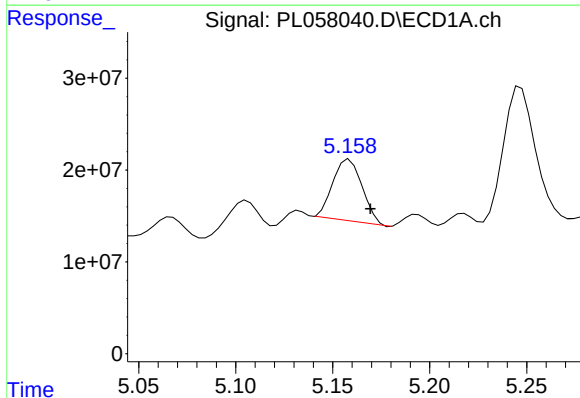
R.T.: 4.627 min  
Delta R.T.: -0.007 min  
Response: 43051104  
Conc: 2.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



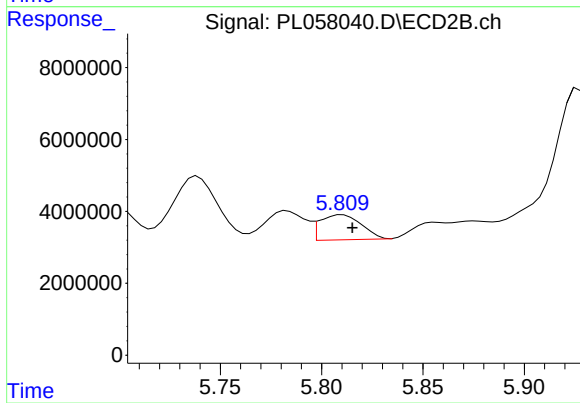
#7 delta-BHC

R.T.: 5.033 min  
Delta R.T.: 0.019 min  
Response: 3765515  
Conc: 3.47 ng/ml



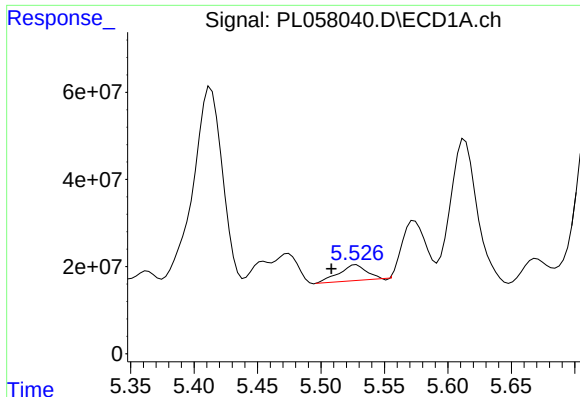
#8 Heptachlor epoxide

R.T.: 5.159 min  
Delta R.T.: -0.011 min  
Response: 70630270  
Conc: 5.26 ng/ml



#8 Heptachlor epoxide

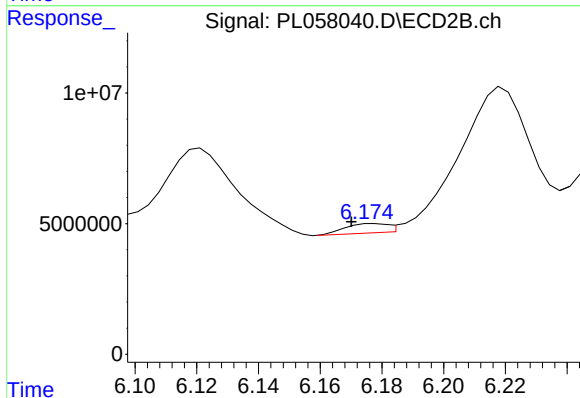
R.T.: 5.810 min  
Delta R.T.: -0.005 min  
Response: 9859400  
Conc: 3.65 ng/ml



#9 Endosulfan I

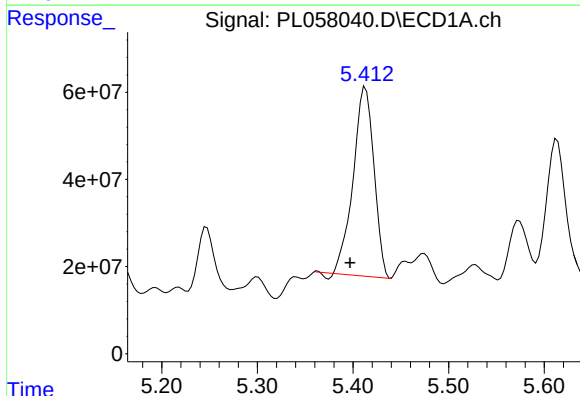
R.T.: 5.528 min  
Delta R.T.: 0.019 min  
Response: 52704334  
Conc: 4.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



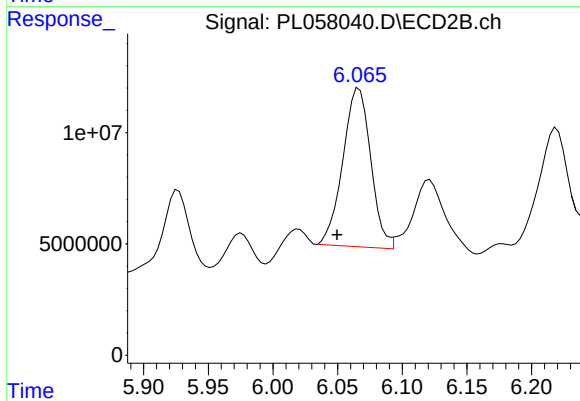
#9 Endosulfan I

R.T.: 6.177 min  
Delta R.T.: 0.007 min  
Response: 3406770  
Conc: 1.14 ng/ml



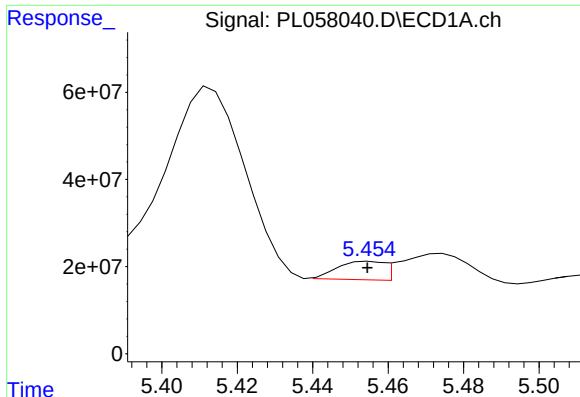
#10 gamma-Chlordane

R.T.: 5.413 min  
Delta R.T.: 0.016 min  
Response: 655251133  
Conc: 48.25 ng/ml



#10 gamma-Chlordane

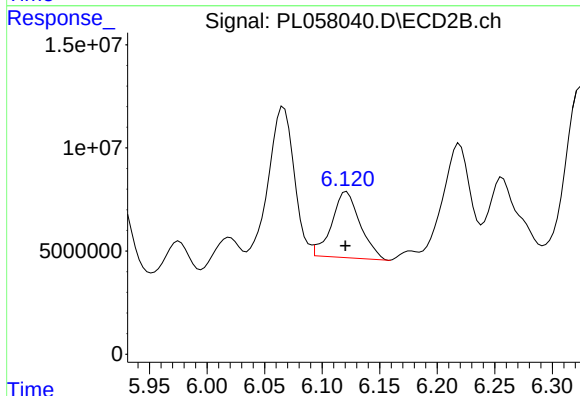
R.T.: 6.067 min  
Delta R.T.: 0.017 min  
Response: 106827740  
Conc: 32.97 ng/ml



#11 alpha-Chlordane

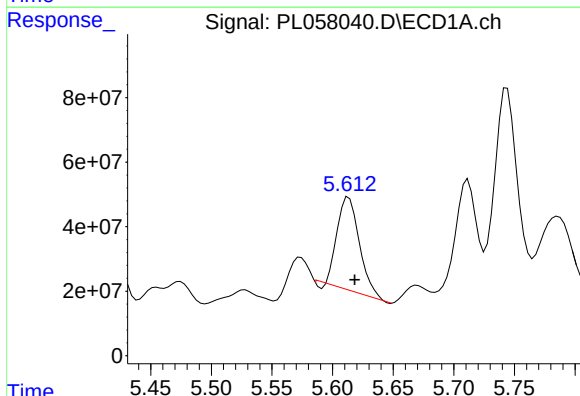
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 35894708  
Conc: 2.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



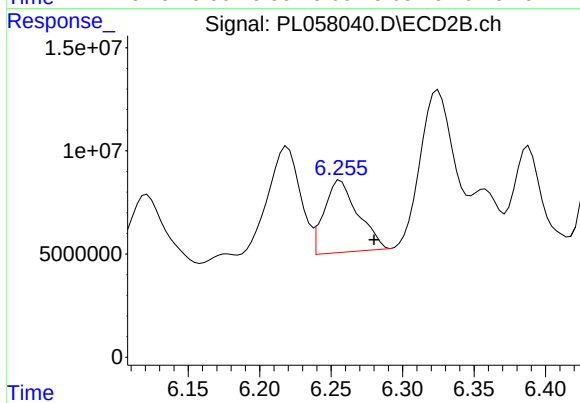
#11 alpha-Chlordane

R.T.: 6.121 min  
Delta R.T.: 0.001 min  
Response: 55323116  
Conc: 16.91 ng/ml



#12 4,4'-DDE

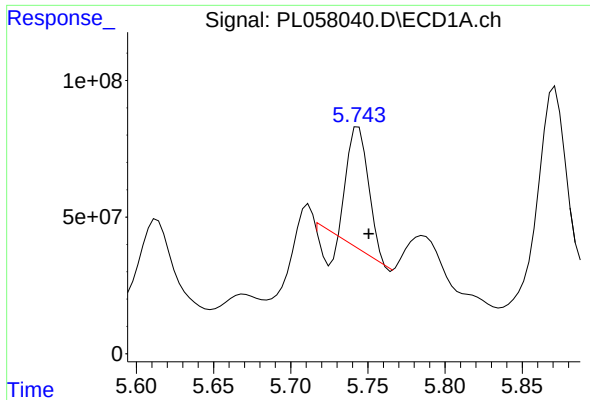
R.T.: 5.613 min  
Delta R.T.: -0.005 min  
Response: 366299519  
Conc: 27.96 ng/ml



#12 4,4'-DDE

R.T.: 6.257 min  
Delta R.T.: -0.024 min  
Response: 57433425  
Conc: 19.40 ng/ml

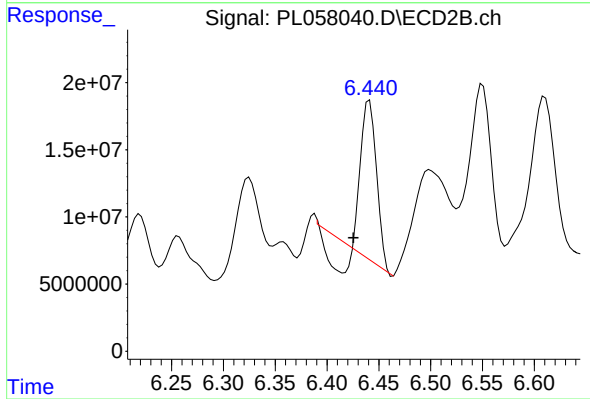




#13 Dieldrin

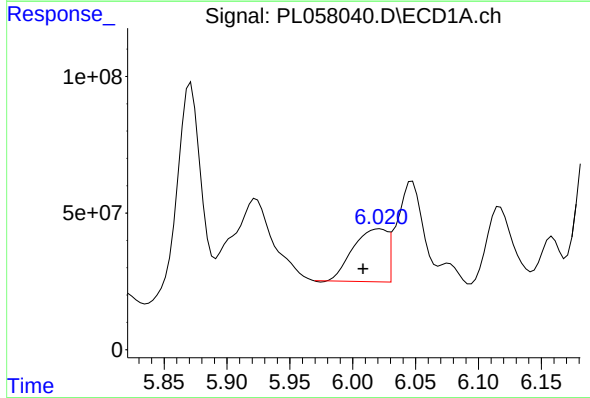
R.T.: 5.744 min  
Delta R.T.: -0.007 min  
Response: 368071007  
Conc: 28.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



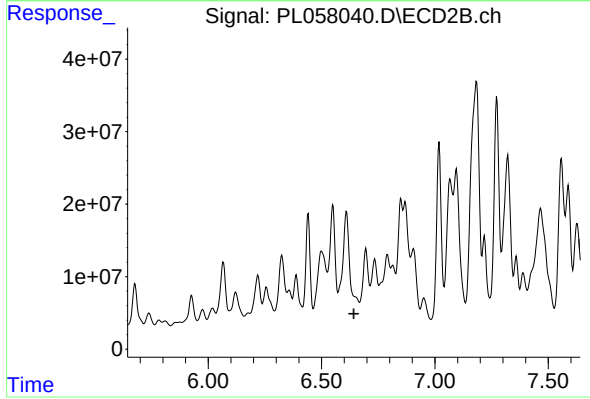
#13 Dieldrin

R.T.: 6.441 min  
Delta R.T.: 0.015 min  
Response: 99732527  
Conc: 32.64 ng/ml



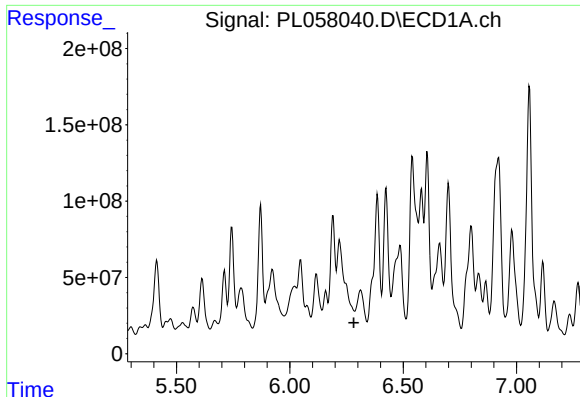
#14 Endrin

R.T.: 6.022 min  
Delta R.T.: 0.013 min  
Response: 364785135  
Conc: 31.25 ng/ml



#14 Endrin

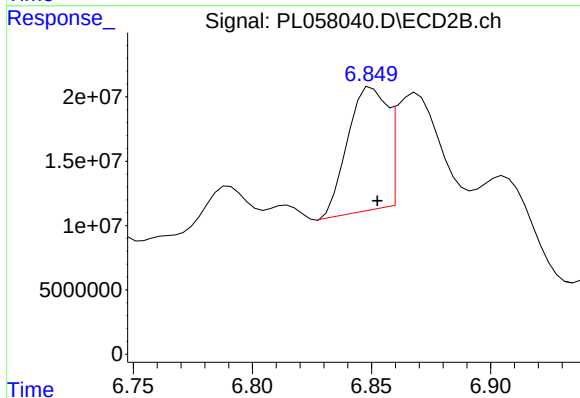
R.T.: 0.000 min  
Exp R.T. : 6.642 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

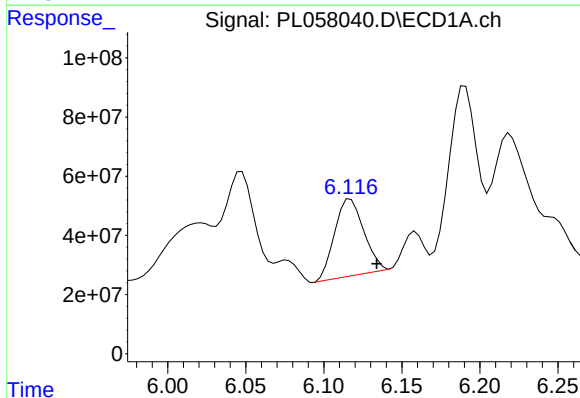
R.T.: 0.000 min  
Exp R.T.: 6.282 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



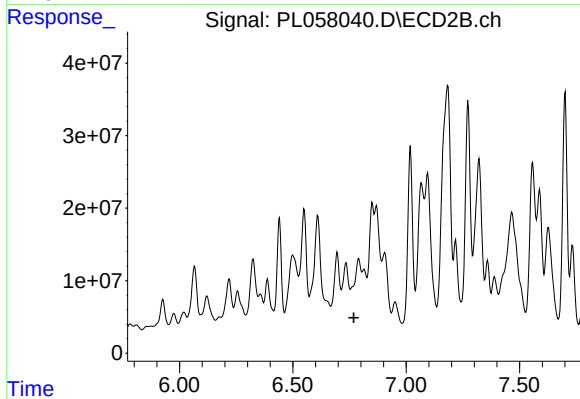
#15 Endosulfan II

R.T.: 6.850 min  
Delta R.T.: -0.002 min  
Response: 108716401  
Conc: 41.92 ng/ml



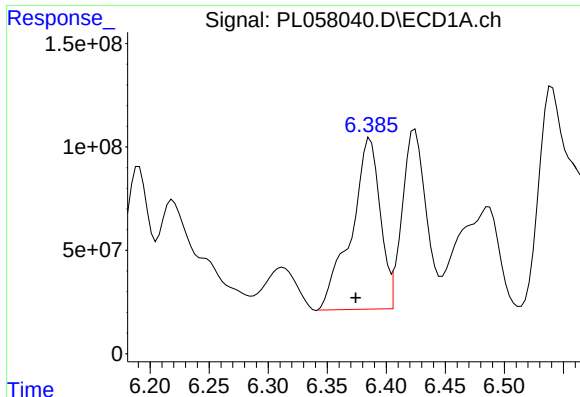
#16 4,4'-DDD

R.T.: 6.117 min  
Delta R.T.: -0.017 min  
Response: 338054773  
Conc: 33.82 ng/ml



#16 4,4'-DDD

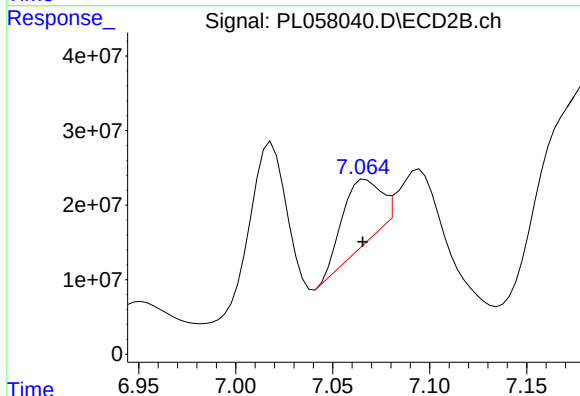
R.T.: 6.790 min  
Delta R.T.: 0.022 min  
Response: -31783496  
Conc: N.D.



#17 4,4'-DDT

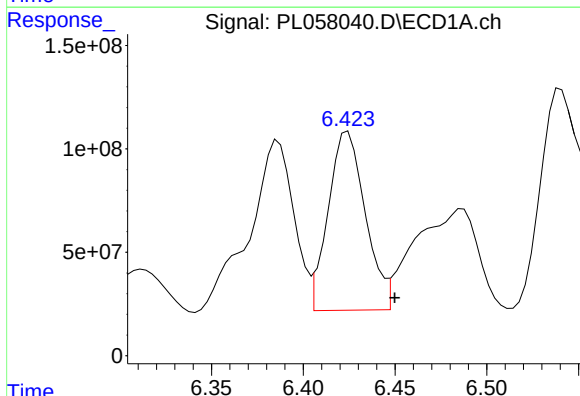
R.T.: 6.386 min  
Delta R.T.: 0.012 min  
Response: 1408086842  
Conc: 138.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



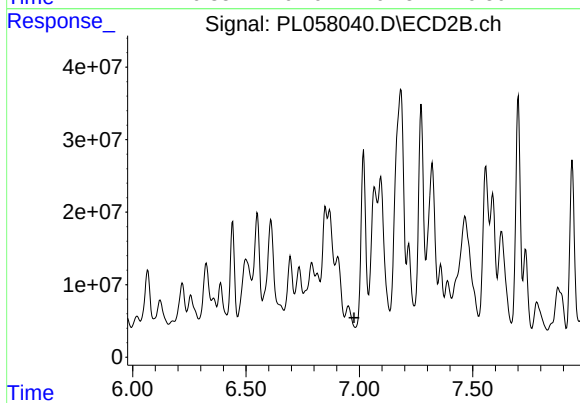
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.002 min  
Response: 114750734  
Conc: 51.52 ng/ml



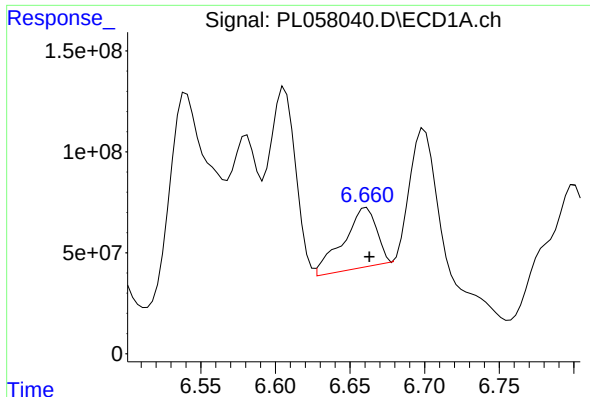
#18 Endrin aldehyde

R.T.: 6.424 min  
Delta R.T.: -0.026 min  
Response: 1214795668  
Conc: 129.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.952 min  
Delta R.T.: -0.025 min  
Response: -49192831  
Conc: N.D.



#19 Endosulfan Sulfate

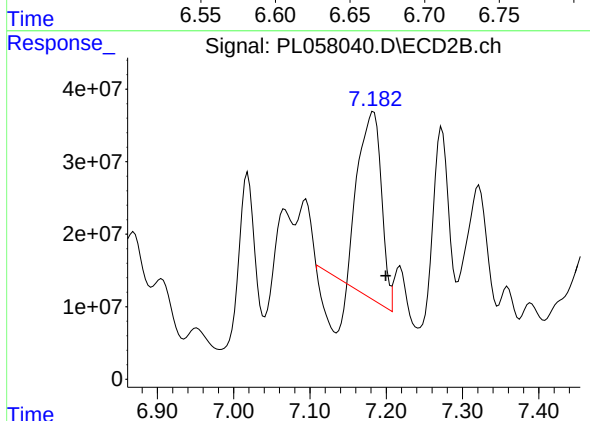
R.T.: 6.661 min

Delta R.T.: -0.002 min

Response: 458040654

Conc: 45.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



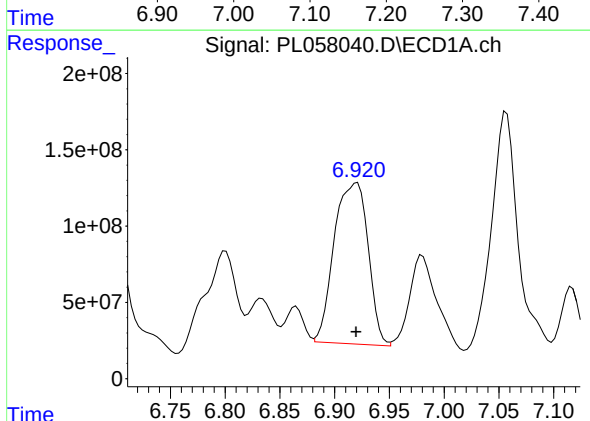
#19 Endosulfan Sulfate

R.T.: 7.183 min

Delta R.T.: -0.016 min

Response: 455819997

Conc: 192.08 ng/ml



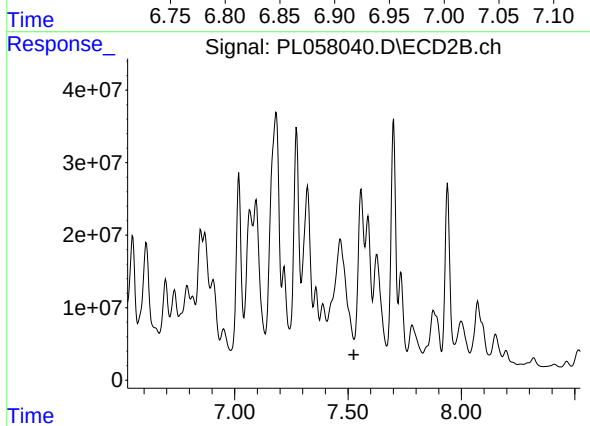
#20 Methoxychlor

R.T.: 6.921 min

Delta R.T.: 0.001 min

Response: 2270469480

Conc: 411.87 ng/ml



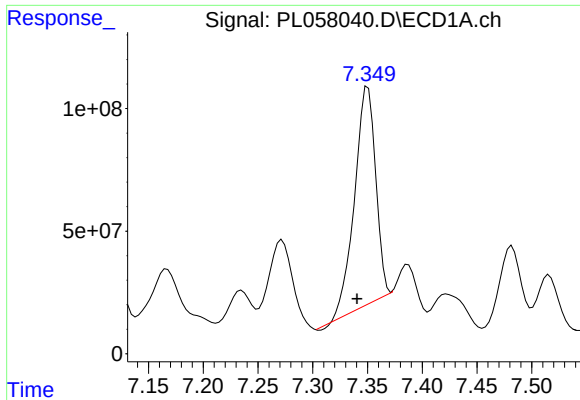
#20 Methoxychlor

R.T.: 0.000 min

Exp R.T.: 7.525 min

Response: 0

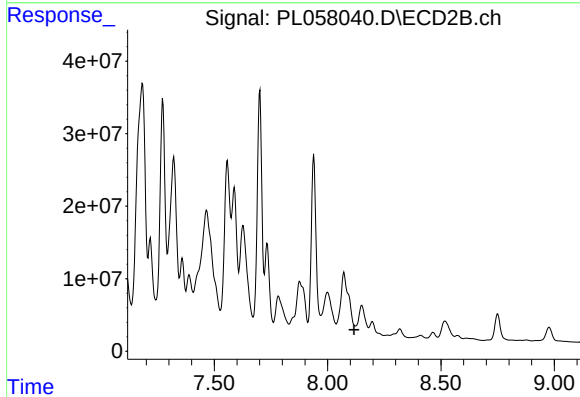
Conc: N.D.



#22 Mirex

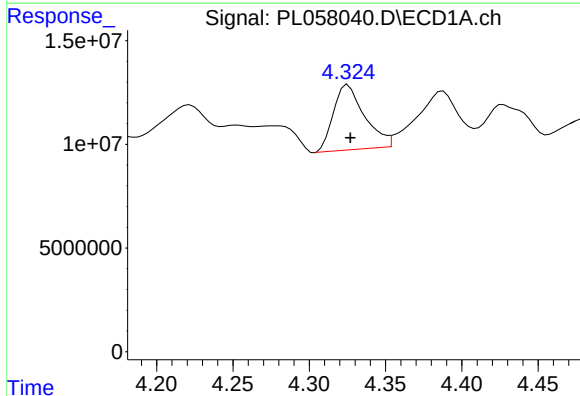
R.T.: 7.350 min  
Delta R.T.: 0.010 min  
Response: 1178151030  
Conc: 143.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



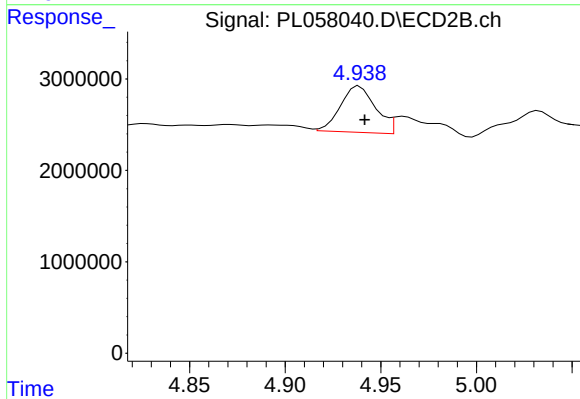
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.117 min  
Response: 0  
Conc: N.D.



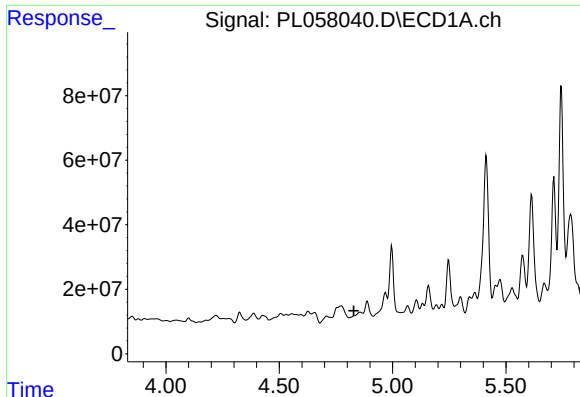
#23 Chlordane-1

R.T.: 4.325 min  
Delta R.T.: -0.002 min  
Response: 44455626  
Conc: 120.20 ng/ml



#23 Chlordane-1

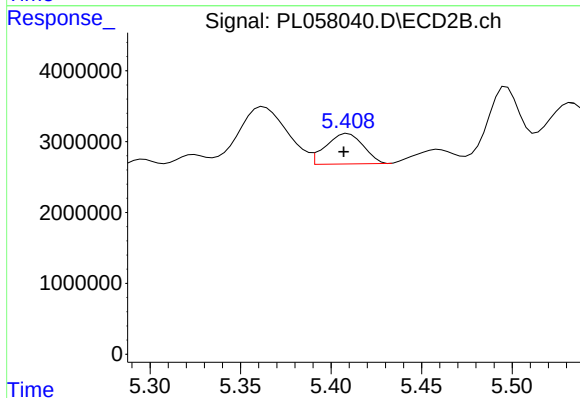
R.T.: 4.939 min  
Delta R.T.: -0.003 min  
Response: 6471974  
Conc: 73.39 ng/ml



#24 Chlordane-2

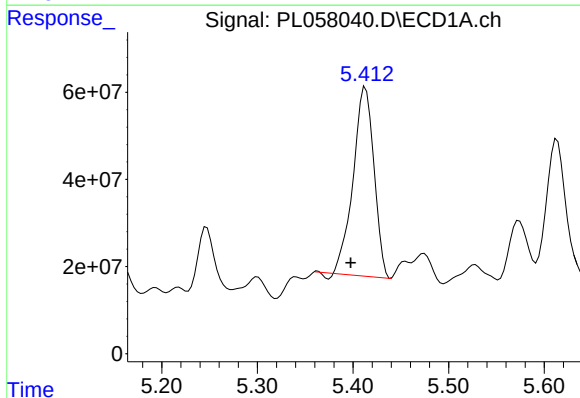
R.T.: 4.857 min  
Delta R.T.: 0.029 min  
Response: -15039935  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



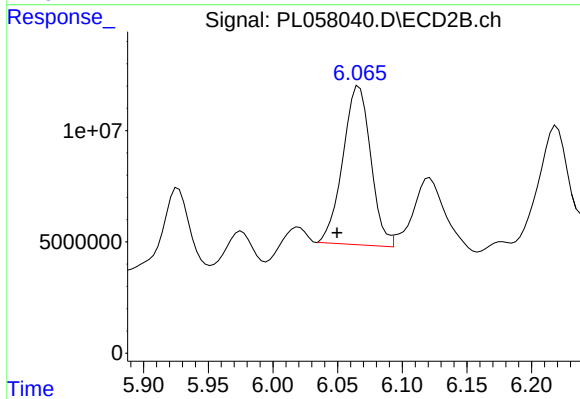
#24 Chlordane-2

R.T.: 5.409 min  
Delta R.T.: 0.002 min  
Response: 6178575  
Conc: 59.21 ng/ml



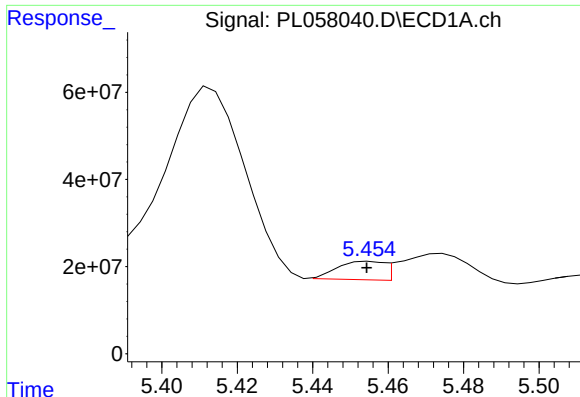
#25 Chlordane-3

R.T.: 5.413 min  
Delta R.T.: 0.016 min  
Response: 655251133  
Conc: 535.94 ng/ml



#25 Chlordane-3

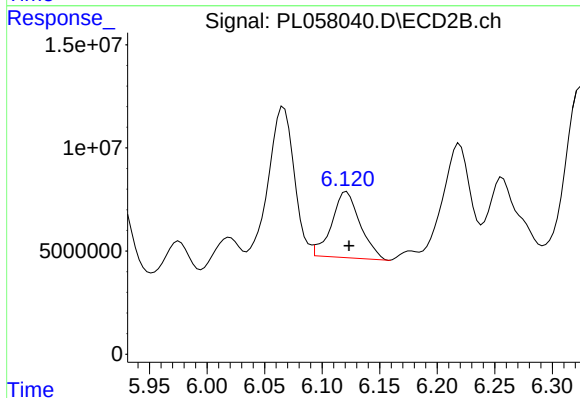
R.T.: 6.067 min  
Delta R.T.: 0.017 min  
Response: 106827740  
Conc: 246.90 ng/ml



#26 Chlordane-4

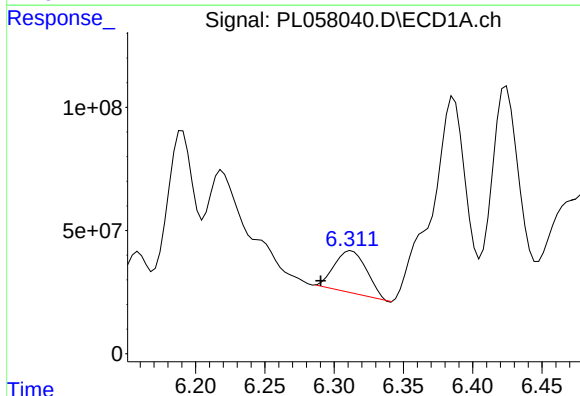
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 35894708  
Conc: 34.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



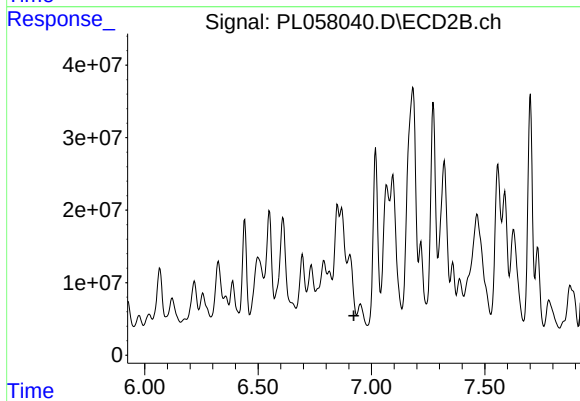
#26 Chlordane-4

R.T.: 6.121 min  
Delta R.T.: -0.002 min  
Response: 55323116  
Conc: 105.39 ng/ml



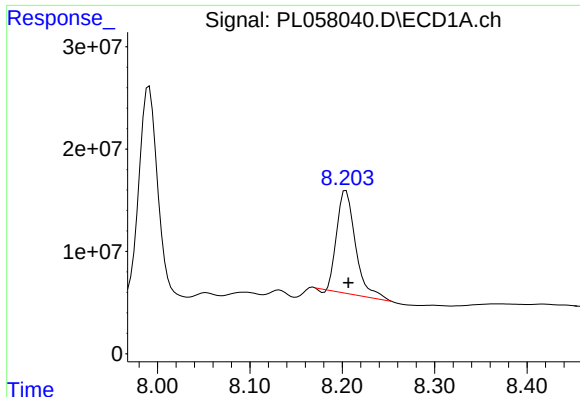
#27 Chlordane-5

R.T.: 6.313 min  
Delta R.T.: 0.022 min  
Response: 278431481  
Conc: 736.06 ng/ml



#27 Chlordane-5

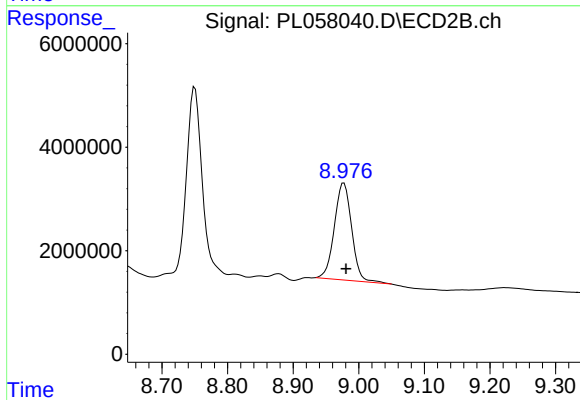
R.T.: 6.952 min  
Delta R.T.: 0.029 min  
Response: -49192831  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: -0.003 min  
Response: 139848249  
Conc: 13.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.977 min  
Delta R.T.: -0.003 min  
Response: 34300225  
Conc: 15.36 ng/ml