

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052120\  
 Data File : PL058831.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 May 2020 13:20  
 Operator : AJ\MA  
 Sample : PB129031BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 21 13:51:32 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 20 11:27:53 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... | 3.529 | 4.076  | 32717649 | 48585669 | 17.843   | 17.939     |
| 28)                         | SA Decachlor... | 8.311 | 9.187  | 31908136 | 50897126 | 18.885   | 19.307     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.972 | 4.469  | 118.4E6  | 183.2E6  | 43.563   | 45.645     |
| 3)                          | MA gamma-BHC... | 4.257 | 4.756  | 103.8E6  | 168.1E6  | 43.964   | 44.348     |
| 4)                          | MA Heptachlor   | 4.565 | 5.270  | 99474798 | 174.6E6  | 44.241   | 45.583     |
| 5)                          | MB Aldrin       | 4.816 | 5.578  | 86982940 | 159.6E6  | 44.929   | 46.784     |
| 6)                          | B beta-BHC      | 4.507 | 4.923  | 47049805 | 78909188 | 45.779   | 45.349     |
| 7)                          | B delta-BHC     | 4.714 | 5.144  | 93507462 | 159.8E6  | 43.610   | 43.817     |
| 8)                          | B Heptachlo...  | 5.260 | 5.965  | 83248138 | 152.0E6  | 45.105   | 46.072     |
| 9)                          | A Endosulfan I  | 5.602 | 6.324  | 78416569 | 138.8E6  | 46.195   | 47.230     |
| 10)                         | B gamma-Chl...  | 5.489 | 6.200  | 83360087 | 153.8E6  | 45.469   | 46.445     |
| 11)                         | B alpha-Chl...  | 5.548 | 6.273  | 81726542 | 150.0E6  | 44.664   | 46.195     |
| 12)                         | B 4,4'-DDE      | 5.711 | 6.428  | 75729822 | 137.7E6  | 46.118   | 48.252     |
| 13)                         | MA Dieldrin     | 5.846 | 6.582  | 82072380 | 144.6E6  | 46.756   | 47.753     |
| 14)                         | MA Endrin       | 6.103 | 6.801  | 65903057 | 108.7E6  | 42.049   | 43.556     |
| 15)                         | B Endosulfa...  | 6.376 | 7.009  | 73941858 | 124.3E6  | 44.381   | 44.358     |
| 16)                         | A 4,4'-DDD      | 6.228 | 6.919  | 67163138 | 117.1E6  | 47.447   | 49.067     |
| 17)                         | MA 4,4'-DDT     | 6.470 | 7.219  | 62151697 | 104.5E6  | 42.727   | 43.958     |
| 18)                         | B Endrin al...  | 6.544 | 7.133  | 65372765 | 110.9E6  | 46.324   | 46.992     |
| 19)                         | B Endosulfa...  | 6.757 | 7.357  | 75937156 | 126.2E6  | 46.545   | 48.010     |
| 20)                         | A Methoxychlor  | 7.017 | 7.675  | 36510605 | 60454950 | 42.801   | 43.347     |
| 21)                         | B Endrin ke...  | 7.250 | 7.830  | 91507278 | 140.5E6  | 49.620   | 50.699     |
| 22)                         | Mirex           | 7.445 | 8.288  | 70230921 | 102.7E6  | 45.408   | 46.871     |
| 24)                         | Chlordane-2     | 0.000 | 5.578f | 0        | 159.6E6  | N.D.     | 1564.258 # |
| 25)                         | Chlordane-3     | 5.489 | 6.200  | 83360087 | 153.8E6  | 555.824  | 404.115 #  |
| 26)                         | Chlordane-4     | 5.548 | 6.273  | 81726542 | 150.0E6  | 665.329  | 329.511 #  |
| 27)                         | Chlordane-5     | 6.376 | 0.000  | 73941858 | 0        | 1399.175 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

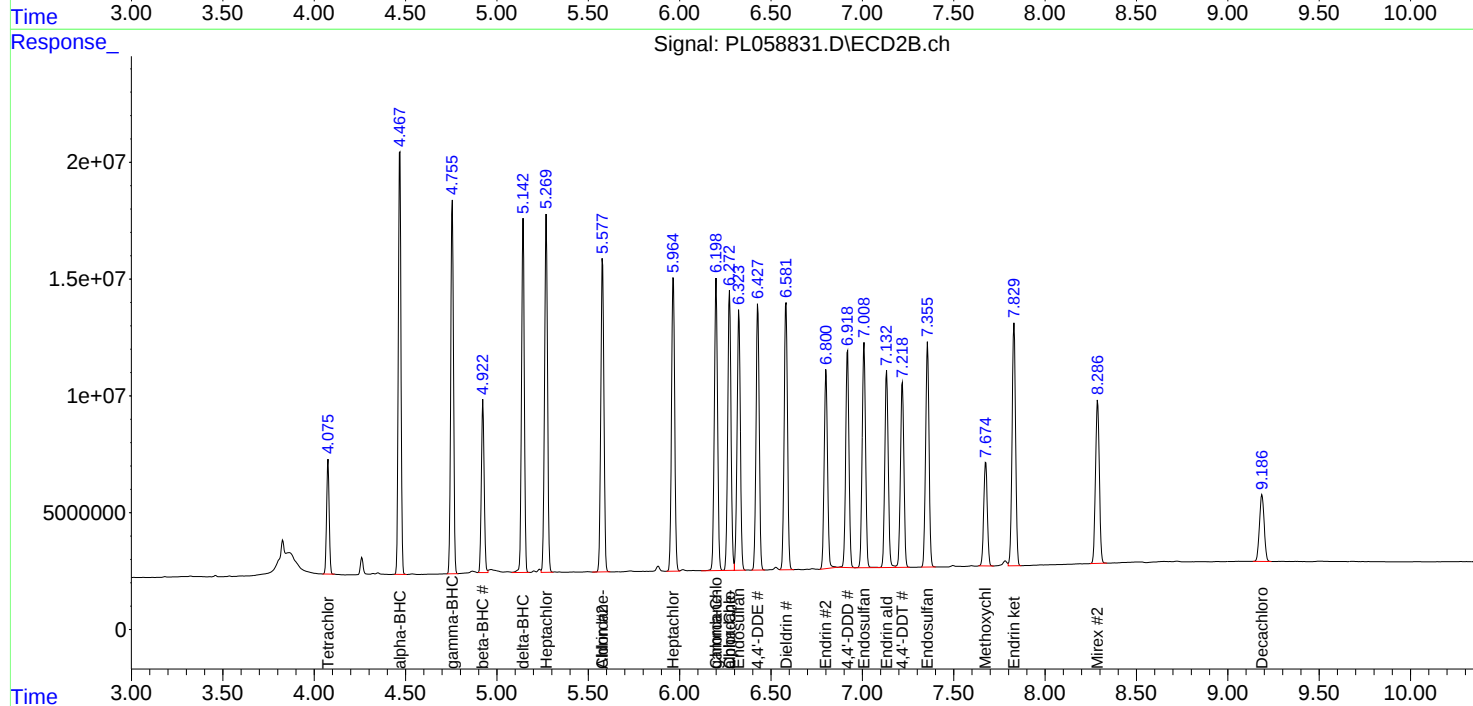
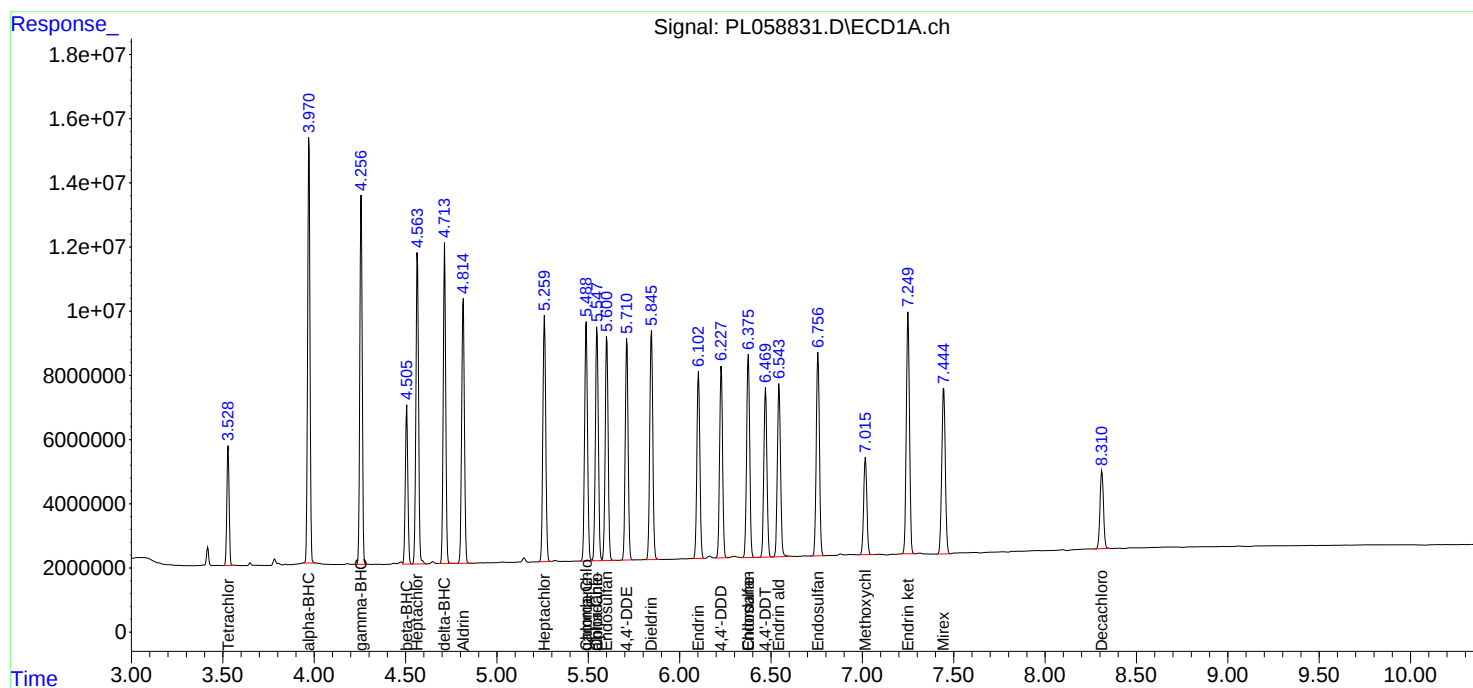
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

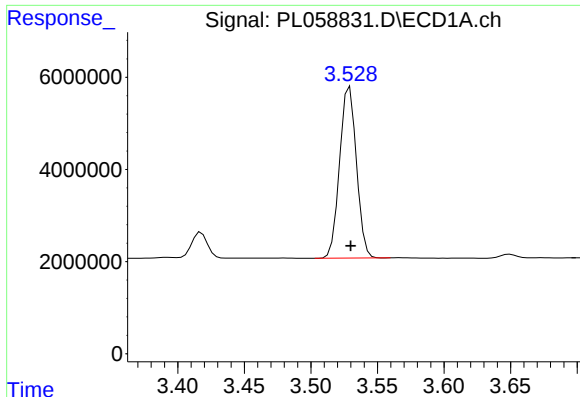
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052120\  
Data File : PL058831.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 May 2020 13:20  
Operator : AJ\MA  
Sample : PB129031BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 21 13:51:32 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
Quant Title : GC Extractables  
QLast Update : Wed May 20 11:27:53 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

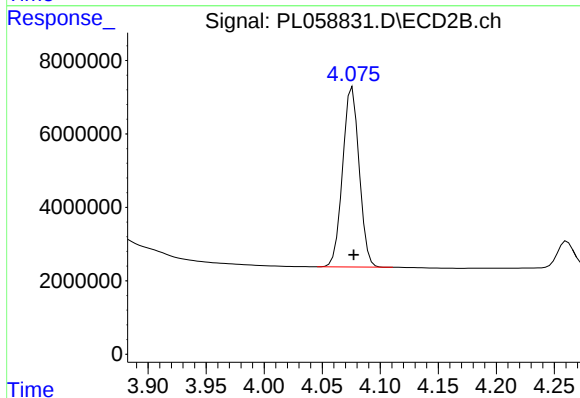




#1 Tetrachloro-m-xylene

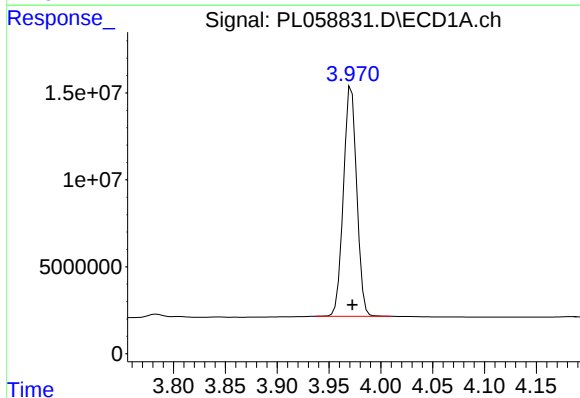
R.T.: 3.529 min  
Delta R.T.: 0.000 min  
Response: 32717649  
Conc: 17.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



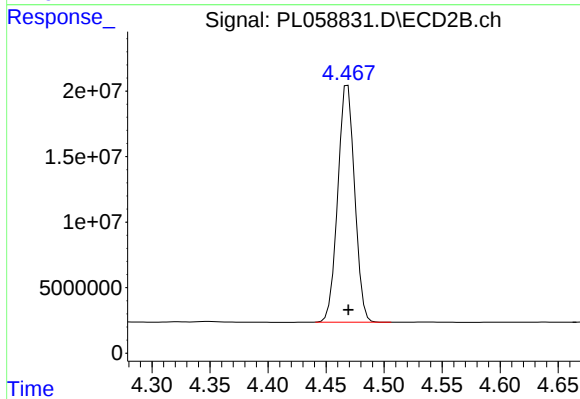
#1 Tetrachloro-m-xylene

R.T.: 4.076 min  
Delta R.T.: -0.001 min  
Response: 48585669  
Conc: 17.94 ng/ml



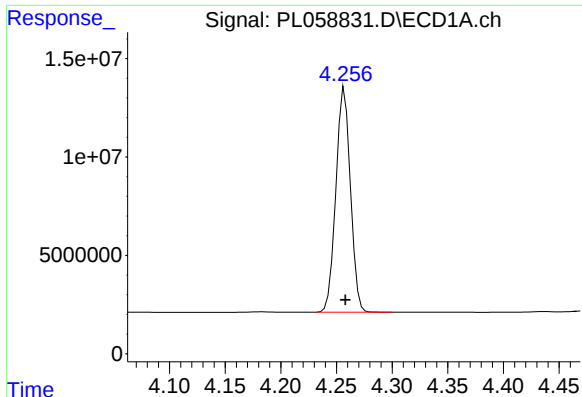
#2 alpha-BHC

R.T.: 3.972 min  
Delta R.T.: -0.001 min  
Response: 118440301  
Conc: 43.56 ng/ml



#2 alpha-BHC

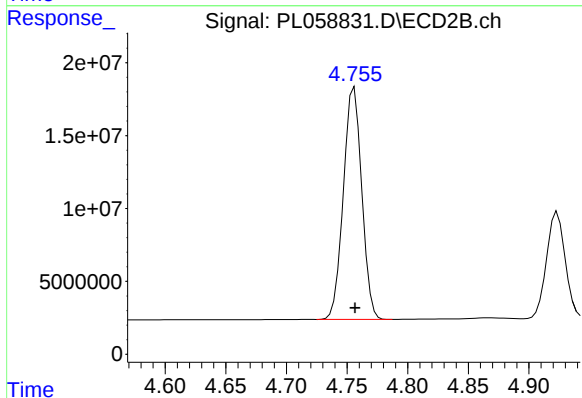
R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 183183889  
Conc: 45.64 ng/ml



#3 gamma-BHC (Lindane)

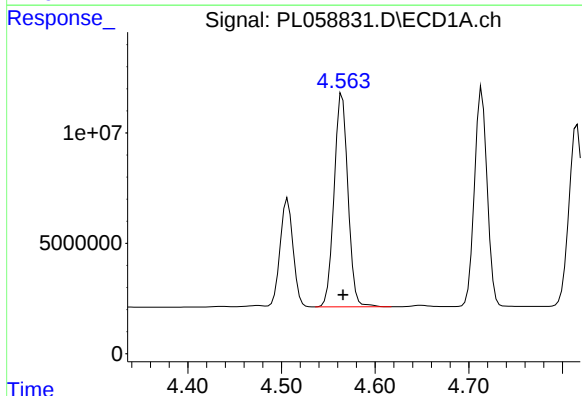
R.T.: 4.257 min  
Delta R.T.: 0.000 min  
Response: 103764606  
Conc: 43.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



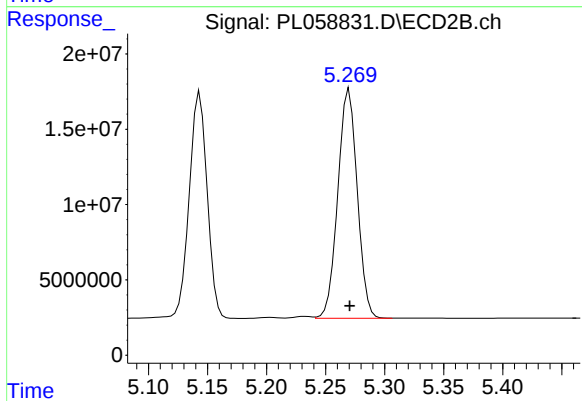
#3 gamma-BHC (Lindane)

R.T.: 4.756 min  
Delta R.T.: 0.000 min  
Response: 168073662  
Conc: 44.35 ng/ml



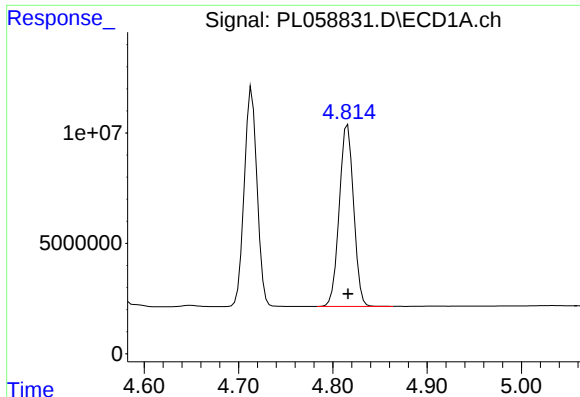
#4 Heptachlor

R.T.: 4.565 min  
Delta R.T.: -0.001 min  
Response: 99474798  
Conc: 44.24 ng/ml



#4 Heptachlor

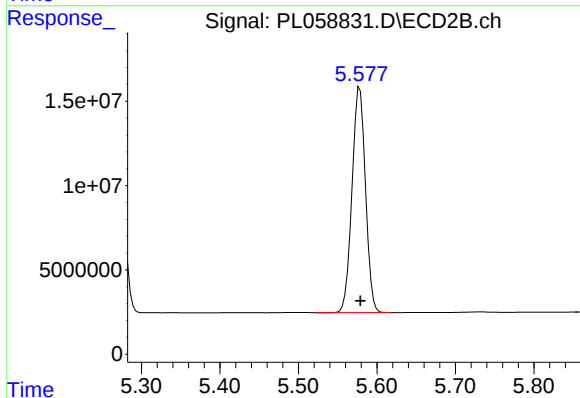
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 174598451  
Conc: 45.58 ng/ml



#5 Aldrin

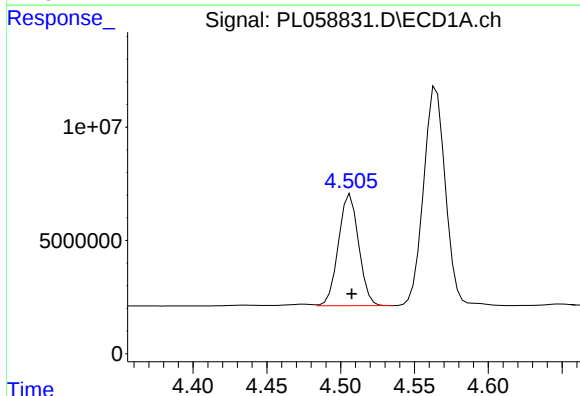
R.T.: 4.816 min  
Delta R.T.: 0.000 min  
Response: 86982940  
Conc: 44.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



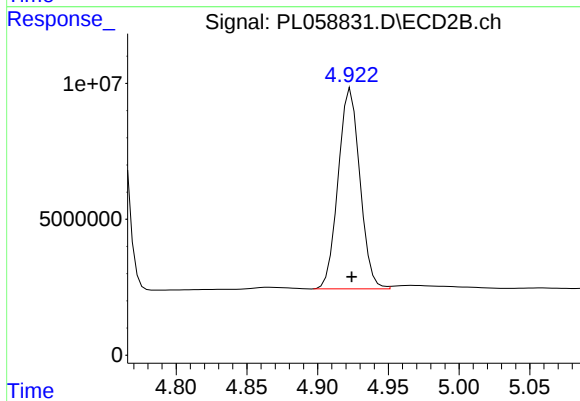
#5 Aldrin

R.T.: 5.578 min  
Delta R.T.: 0.000 min  
Response: 159587853  
Conc: 46.78 ng/ml



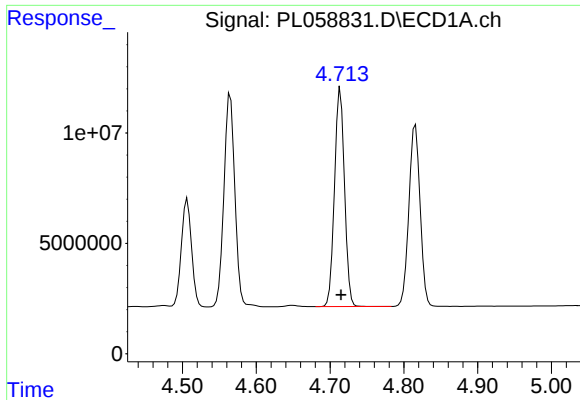
#6 beta-BHC

R.T.: 4.507 min  
Delta R.T.: 0.000 min  
Response: 47049805  
Conc: 45.78 ng/ml



#6 beta-BHC

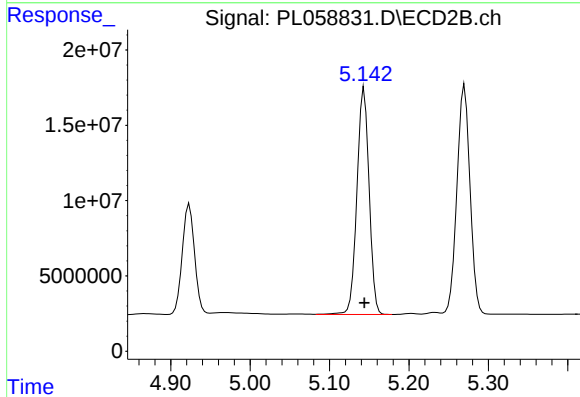
R.T.: 4.923 min  
Delta R.T.: 0.000 min  
Response: 78909188  
Conc: 45.35 ng/ml



#7 delta-BHC

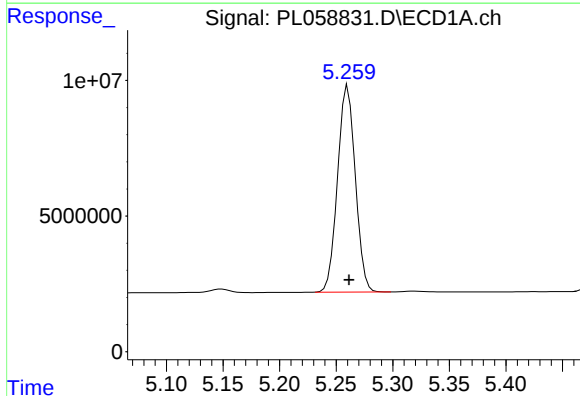
R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 93507462  
Conc: 43.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



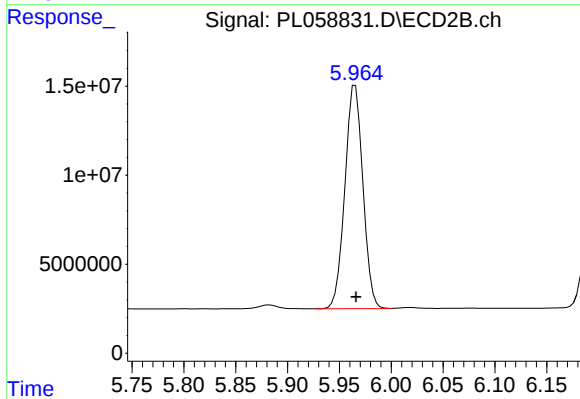
#7 delta-BHC

R.T.: 5.144 min  
Delta R.T.: 0.000 min  
Response: 159806018  
Conc: 43.82 ng/ml



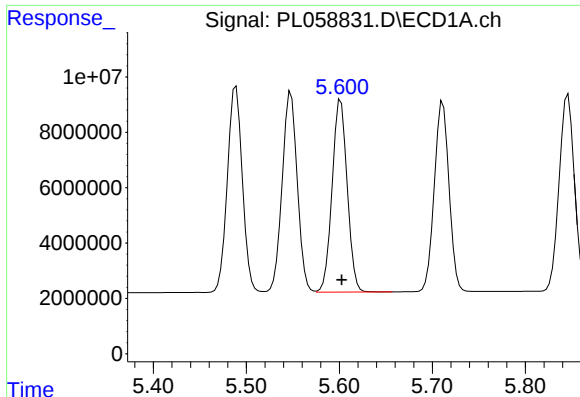
#8 Heptachlor epoxide

R.T.: 5.260 min  
Delta R.T.: 0.000 min  
Response: 83248138  
Conc: 45.11 ng/ml



#8 Heptachlor epoxide

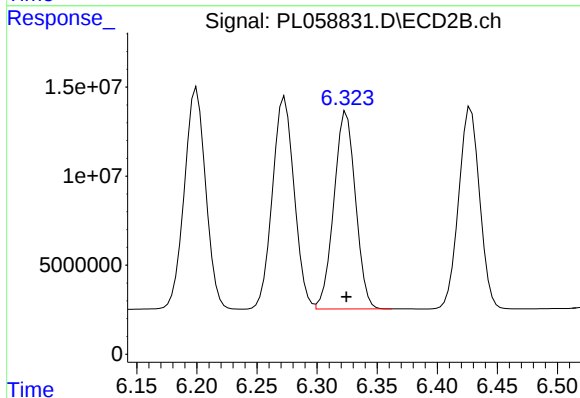
R.T.: 5.965 min  
Delta R.T.: 0.000 min  
Response: 151955129  
Conc: 46.07 ng/ml



#9 Endosulfan I

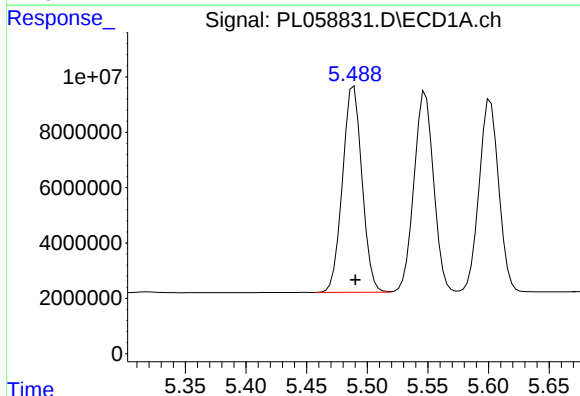
R.T.: 5.602 min  
Delta R.T.: 0.000 min  
Response: 78416569  
Conc: 46.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



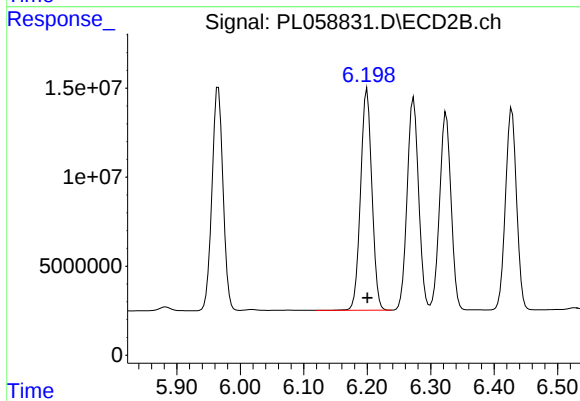
#9 Endosulfan I

R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 138844366  
Conc: 47.23 ng/ml



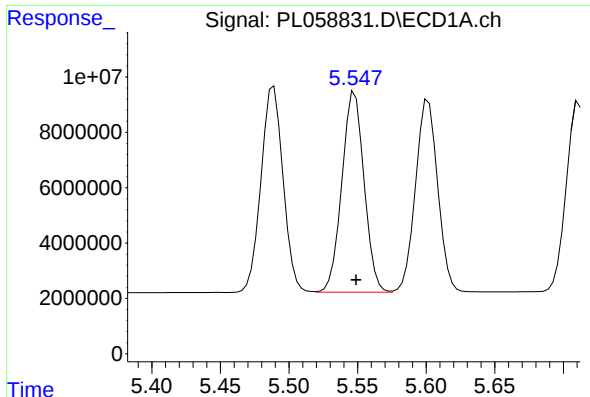
#10 gamma-Chlordane

R.T.: 5.489 min  
Delta R.T.: -0.001 min  
Response: 83360087  
Conc: 45.47 ng/ml



#10 gamma-Chlordane

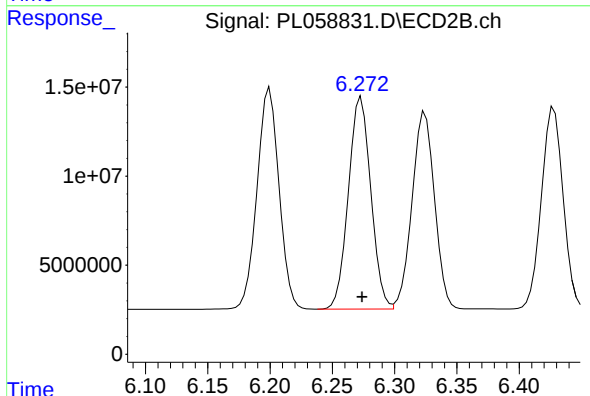
R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 153834151  
Conc: 46.45 ng/ml



#11 alpha-Chlordane

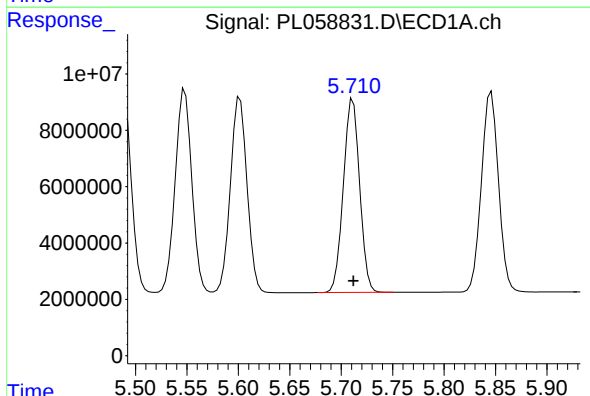
R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 81726542  
Conc: 44.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



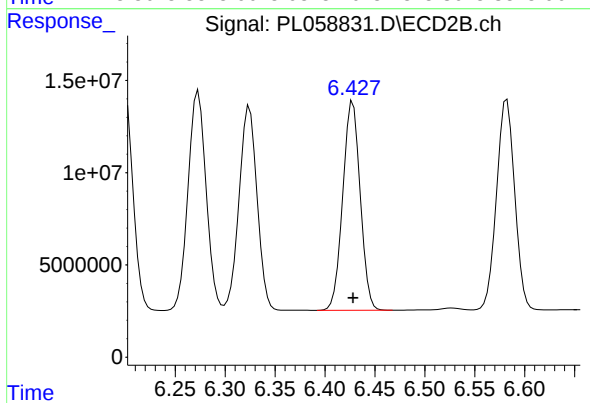
#11 alpha-Chlordane

R.T.: 6.273 min  
Delta R.T.: 0.000 min  
Response: 150045998  
Conc: 46.19 ng/ml



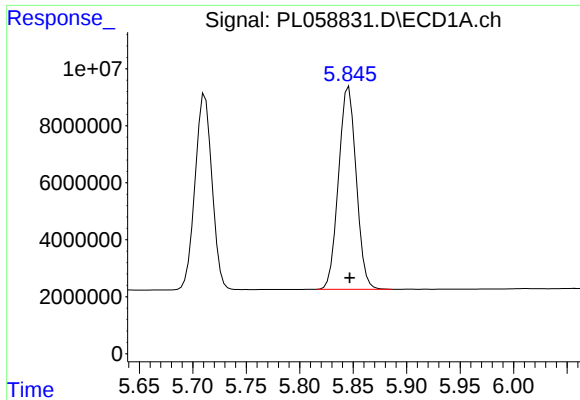
#12 4,4'-DDE

R.T.: 5.711 min  
Delta R.T.: 0.000 min  
Response: 75729822  
Conc: 46.12 ng/ml



#12 4,4'-DDE

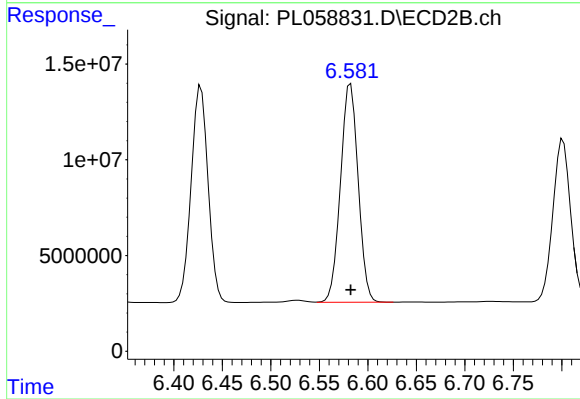
R.T.: 6.428 min  
Delta R.T.: 0.000 min  
Response: 137709125  
Conc: 48.25 ng/ml



#13 Dieldrin

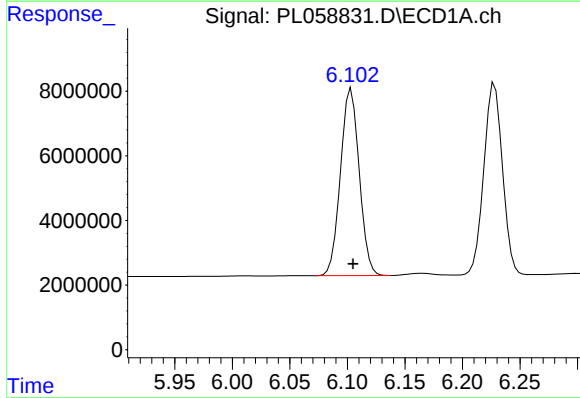
R.T.: 5.846 min  
Delta R.T.: 0.000 min  
Response: 82072380  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



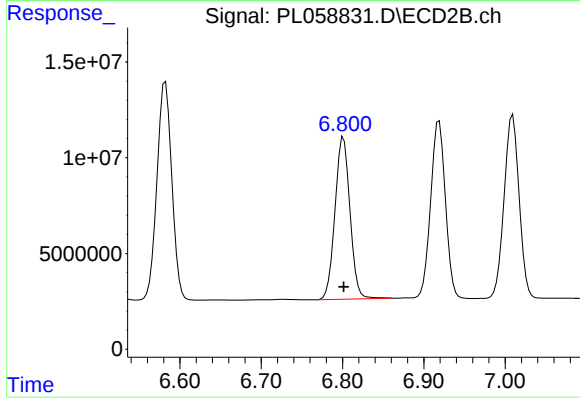
#13 Dieldrin

R.T.: 6.582 min  
Delta R.T.: 0.000 min  
Response: 144649330  
Conc: 47.75 ng/ml



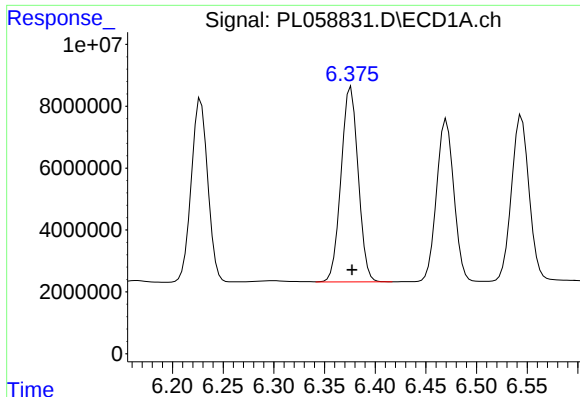
#14 Endrin

R.T.: 6.103 min  
Delta R.T.: -0.002 min  
Response: 65903057  
Conc: 42.05 ng/ml



#14 Endrin

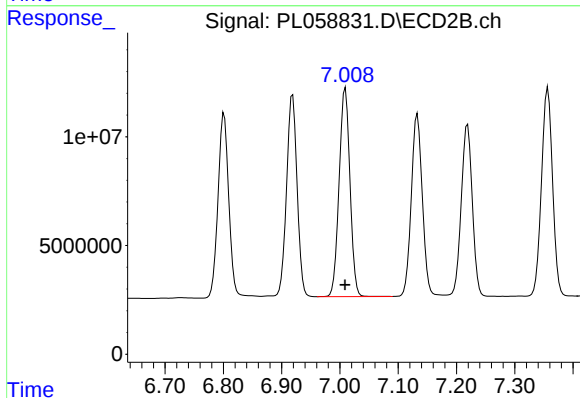
R.T.: 6.801 min  
Delta R.T.: 0.000 min  
Response: 108685741  
Conc: 43.56 ng/ml



#15 Endosulfan II

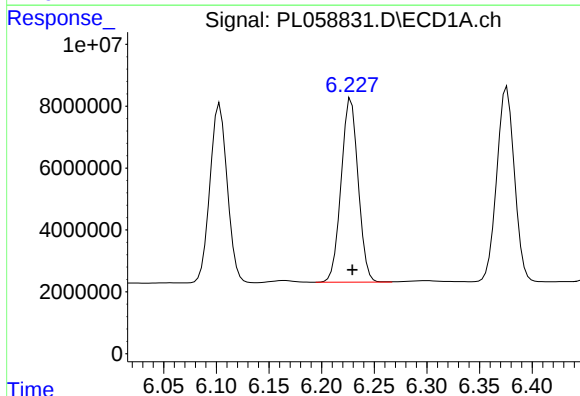
R.T.: 6.376 min  
Delta R.T.: -0.001 min  
Response: 73941858  
Conc: 44.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



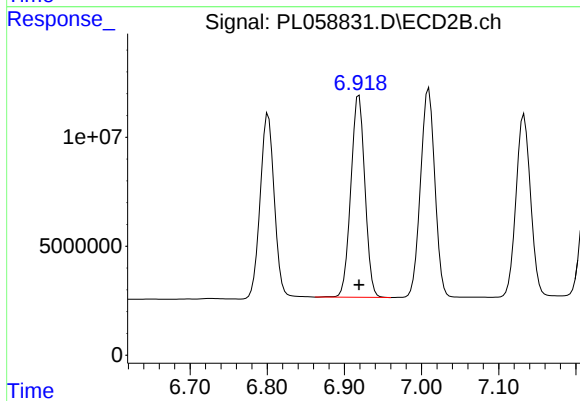
#15 Endosulfan II

R.T.: 7.009 min  
Delta R.T.: 0.000 min  
Response: 124337285  
Conc: 44.36 ng/ml



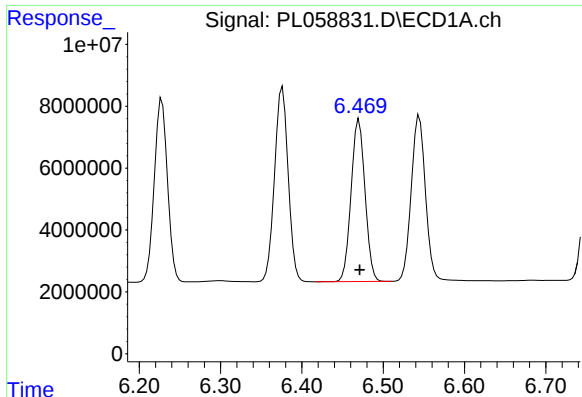
#16 4,4'-DDD

R.T.: 6.228 min  
Delta R.T.: -0.001 min  
Response: 67163138  
Conc: 47.45 ng/ml



#16 4,4'-DDD

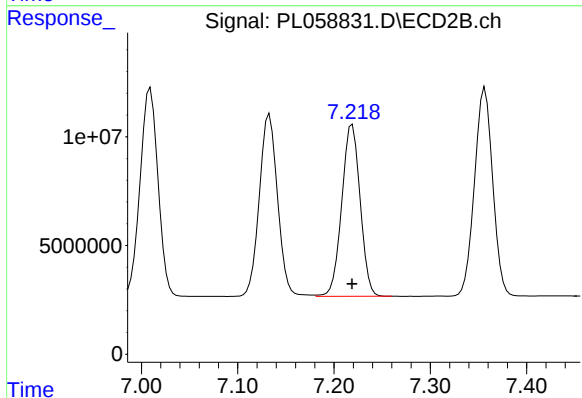
R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 117066641  
Conc: 49.07 ng/ml



#17 4,4'-DDT

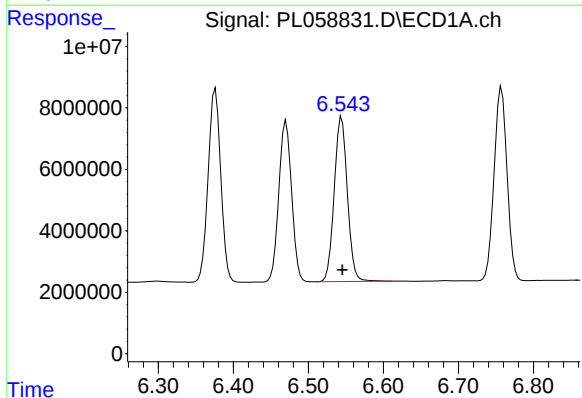
R.T.: 6.470 min  
Delta R.T.: -0.001 min  
Response: 62151697  
Conc: 42.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



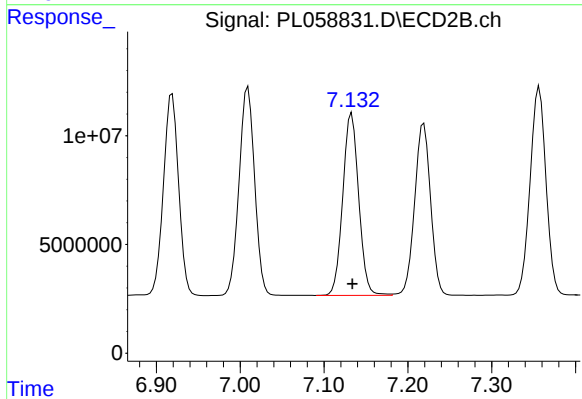
#17 4,4'-DDT

R.T.: 7.219 min  
Delta R.T.: 0.000 min  
Response: 104535788  
Conc: 43.96 ng/ml



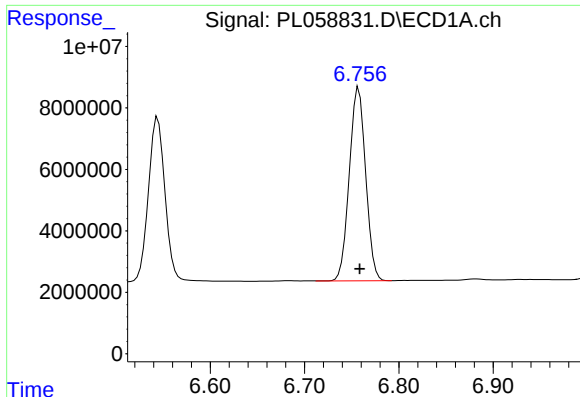
#18 Endrin aldehyde

R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 65372765  
Conc: 46.32 ng/ml



#18 Endrin aldehyde

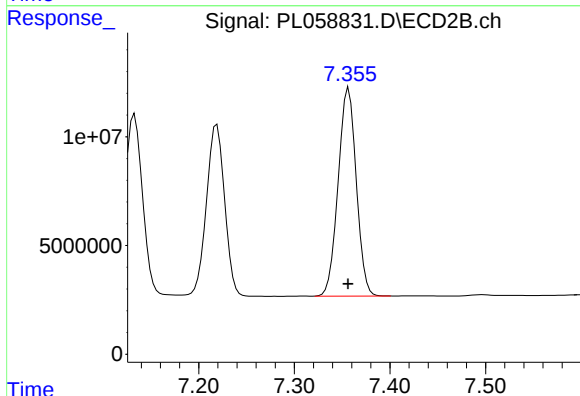
R.T.: 7.133 min  
Delta R.T.: 0.000 min  
Response: 110882384  
Conc: 46.99 ng/ml



#19 Endosulfan Sulfate

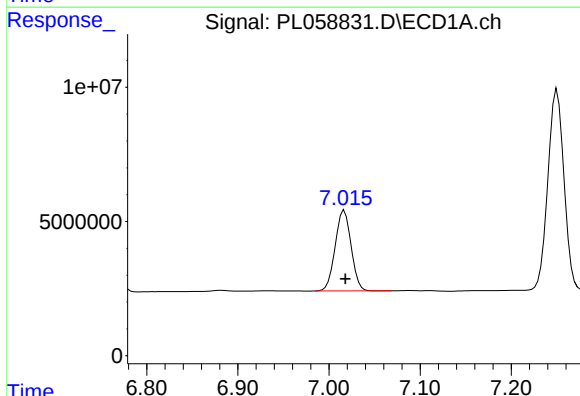
R.T.: 6.757 min  
Delta R.T.: -0.001 min  
Response: 75937156  
Conc: 46.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



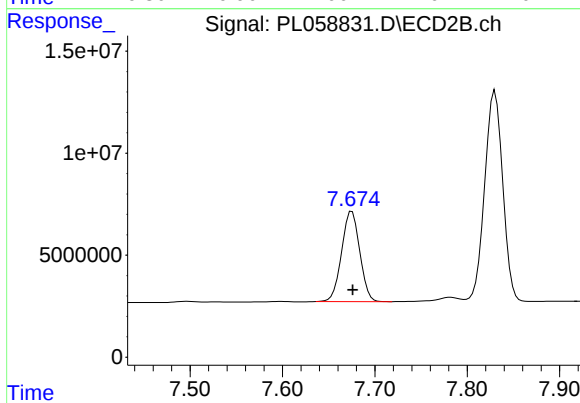
#19 Endosulfan Sulfate

R.T.: 7.357 min  
Delta R.T.: 0.000 min  
Response: 126165325  
Conc: 48.01 ng/ml



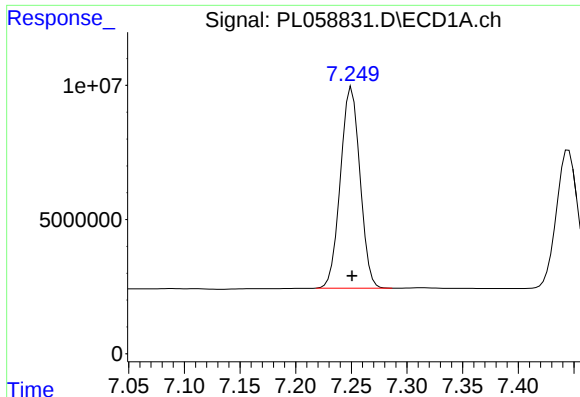
#20 Methoxychlor

R.T.: 7.017 min  
Delta R.T.: -0.001 min  
Response: 36510605  
Conc: 42.80 ng/ml



#20 Methoxychlor

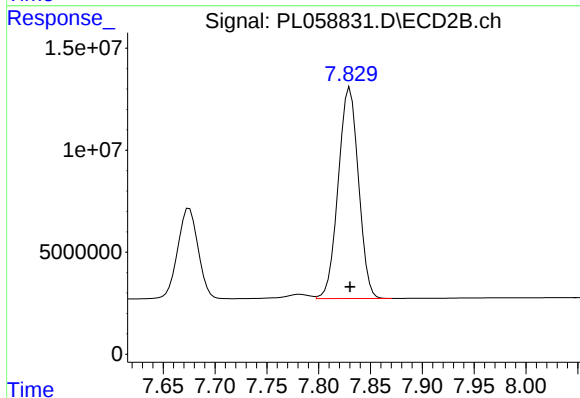
R.T.: 7.675 min  
Delta R.T.: 0.000 min  
Response: 60454950  
Conc: 43.35 ng/ml



#21 Endrin ketone

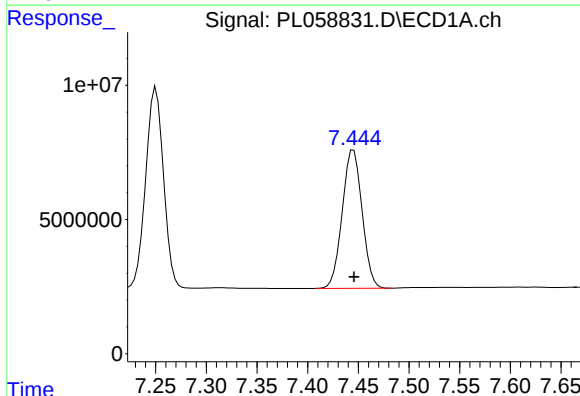
R.T.: 7.250 min  
Delta R.T.: 0.000 min  
Response: 91507278  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



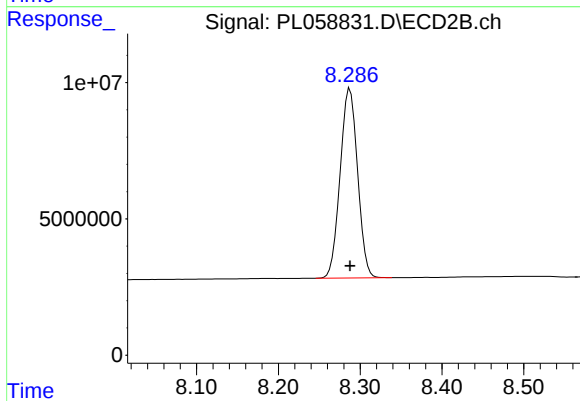
#21 Endrin ketone

R.T.: 7.830 min  
Delta R.T.: 0.000 min  
Response: 140452439  
Conc: 50.70 ng/ml



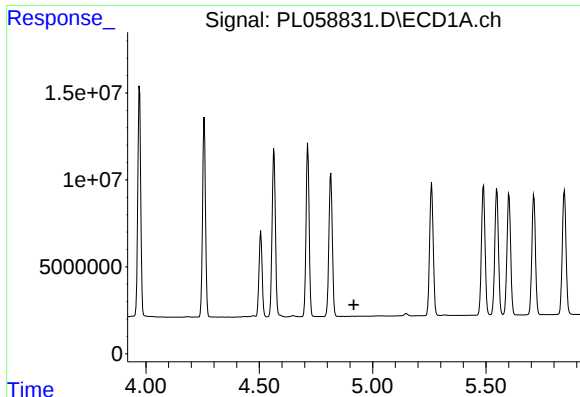
#22 Mirex

R.T.: 7.445 min  
Delta R.T.: 0.000 min  
Response: 70230921  
Conc: 45.41 ng/ml



#22 Mirex

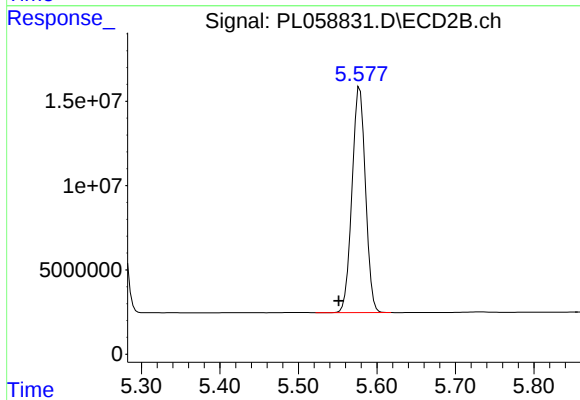
R.T.: 8.288 min  
Delta R.T.: 0.000 min  
Response: 102725510  
Conc: 46.87 ng/ml



#24 Chlordane-2

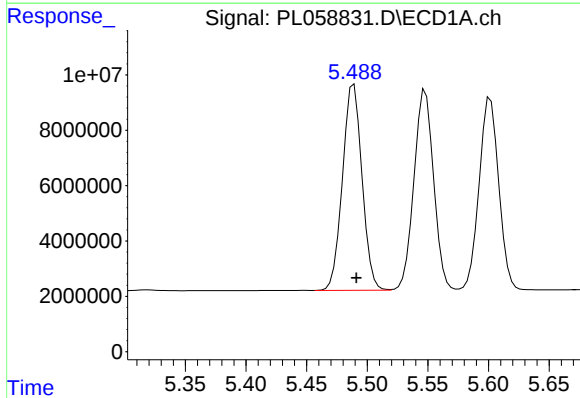
R.T.: 0.000 min  
Exp R.T.: 4.917 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



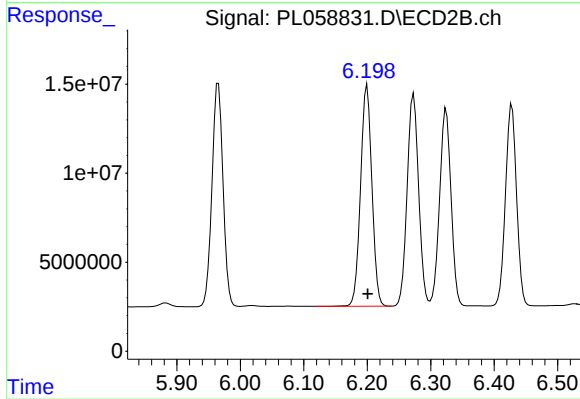
#24 Chlordane-2

R.T.: 5.578 min  
Delta R.T.: 0.027 min  
Response: 159587853  
Conc: 1564.26 ng/ml



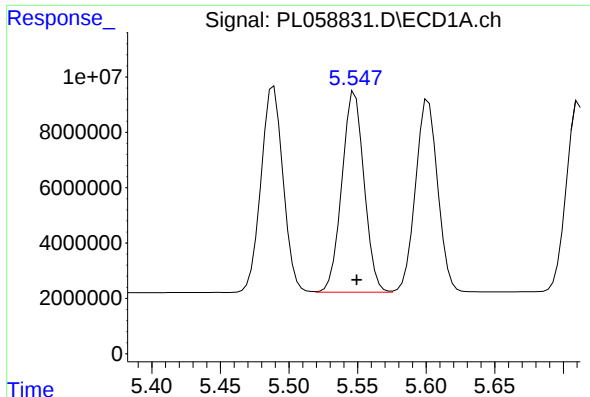
#25 Chlordane-3

R.T.: 5.489 min  
Delta R.T.: -0.002 min  
Response: 83360087  
Conc: 555.82 ng/ml



#25 Chlordane-3

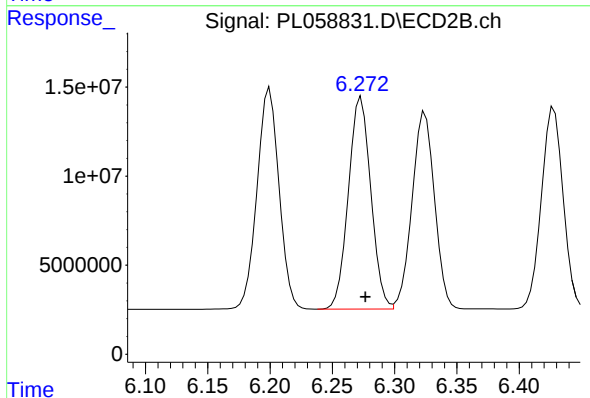
R.T.: 6.200 min  
Delta R.T.: -0.001 min  
Response: 153834151  
Conc: 404.12 ng/ml



#26 Chlordane-4

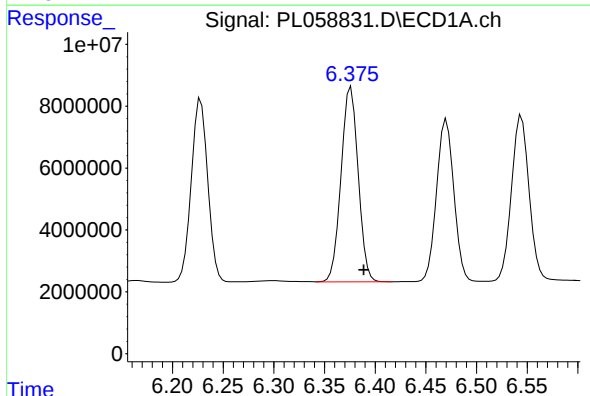
R.T.: 5.548 min  
Delta R.T.: -0.001 min  
Response: 81726542  
Conc: 665.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



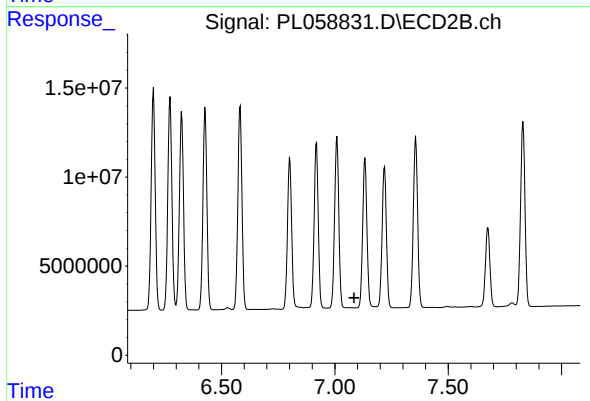
#26 Chlordane-4

R.T.: 6.273 min  
Delta R.T.: -0.003 min  
Response: 150045998  
Conc: 329.51 ng/ml



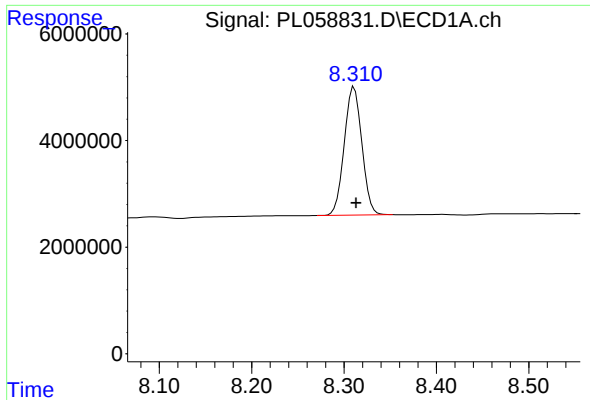
#27 Chlordane-5

R.T.: 6.376 min  
Delta R.T.: -0.013 min  
Response: 73941858  
Conc: 1399.18 ng/ml



#27 Chlordane-5

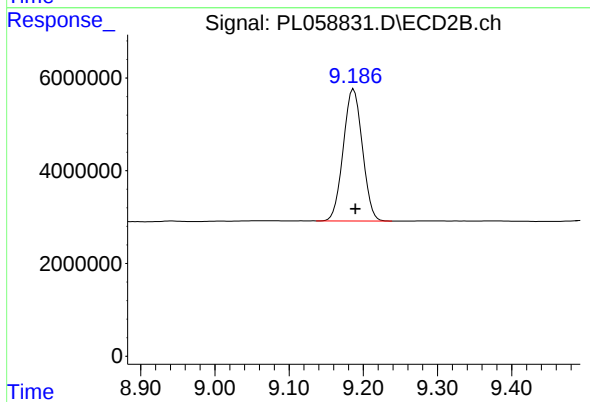
R.T.: 0.000 min  
Exp R.T.: 7.085 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.311 min  
Delta R.T.: -0.002 min  
Response: 31908136  
Conc: 18.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.187 min  
Delta R.T.: -0.002 min  
Response: 50897126  
Conc: 19.31 ng/ml