

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021020\  
 Data File : PL056454.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Feb 2020 18:41  
 Operator : AJ\MA  
 Sample : L1473-01MS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 11 00:42:25 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 28 13:10:37 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... | 3.496 | 4.016  | 194.9E6   | 61359629 | 18.607   | 20.984      |
| 28)                         | SA Decachlor... | 8.249 | 9.090  | 147.8E6   | 33006588 | 14.042   | 14.592      |
| Target Compounds            |                 |       |        |           |          |          |             |
| 2)                          | A alpha-BHC     | 3.935 | 4.405  | 839.0E6   | 230.7E6  | 47.081   | 52.715      |
| 3)                          | MA gamma-BHC... | 4.219 | 4.690  | 768.5E6   | 212.7E6  | 46.932   | 51.874      |
| 4)                          | MA Heptachlor   | 4.521 | 5.198  | 791.0E6   | 196.7E6  | 49.269   | 54.991      |
| 5)                          | MB Aldrin       | 4.770 | 5.503  | 12077.5E6 | 3025.7E6 | 742.442  | 860.897     |
| 6)                          | B beta-BHC      | 4.469 | 4.862  | 293.6E6   | 82941224 | 44.569   | 50.591      |
| 7)                          | B delta-BHC     | 4.674 | 5.080  | 728.3E6   | 170.5E6  | 45.428   | 53.166      |
| 8)                          | B Heptachlo...  | 5.212 | 5.890  | 682.0E6   | 154.2E6  | 44.341   | 49.538      |
| 9)                          | A Endosulfan I  | 5.551 | 6.248  | 623.5E6   | 148.8E6  | 42.966   | 49.724      |
| 10)                         | B gamma-Chl...  | 5.439 | 6.125  | 713.9E6   | 163.8E6  | 45.519   | 51.506      |
| 11)                         | B alpha-Chl...  | 5.497 | 6.198  | 693.5E6   | 166.3E6  | 45.085   | 52.449      |
| 12)                         | B 4,4'-DDE      | 5.659 | 6.355  | 649.8E6   | 153.5E6  | 44.834   | 51.236      |
| 13)                         | MA Dieldrin     | 5.794 | 6.506  | 5725.8E6  | 1415.1E6 | 372.293  | 455.905     |
| 14)                         | MA Endrin       | 6.051 | 6.724  | 595.4E6   | 135.4E6  | 42.370   | 51.662      |
| 15)                         | B Endosulfa...  | 6.325 | 6.934  | 528.7E6   | 134.2E6  | 40.425   | 49.842      |
| 16)                         | A 4,4'-DDD      | 6.175 | 6.847  | 481.4E6   | 127.1E6  | 44.782   | 53.875      |
| 17)                         | MA 4,4'-DDT     | 6.416 | 7.146  | 483.9E6   | 111.4E6  | 44.277   | 48.504      |
| 18)                         | B Endrin al...  | 6.492 | 7.059  | 437.7E6   | 110.0E6  | 40.002   | 48.456      |
| 19)                         | B Endosulfa...  | 6.705 | 7.282  | 480.1E6   | 123.7E6  | 39.487   | 48.876      |
| 20)                         | A Methoxychlor  | 6.960 | 7.605  | 239.6E6   | 57178022 | 45.113   | 46.634      |
| 21)                         | B Endrin ke...  | 7.197 | 7.754  | 605.2E6   | 151.2E6  | 46.249   | 56.687      |
| 22)                         | Mirex           | 7.386 | 8.208  | 325.8E6   | 79111050 | 35.266   | 43.520      |
| 24)                         | Chlordane-2     | 0.000 | 5.503f | 0         | 3025.7E6 | N.D.     | 30634.734 # |
| 25)                         | Chlordane-3     | 5.439 | 6.125  | 713.9E6   | 163.8E6  | 565.428  | 435.819     |
| 26)                         | Chlordane-4     | 5.497 | 6.198  | 693.5E6   | 166.3E6  | 640.964  | 378.396 #   |
| 27)                         | Chlordane-5     | 6.325 | 0.000  | 528.7E6   | 0        | 1274.479 | N.D. #      |
| -----                       |                 |       |        |           |          |          |             |

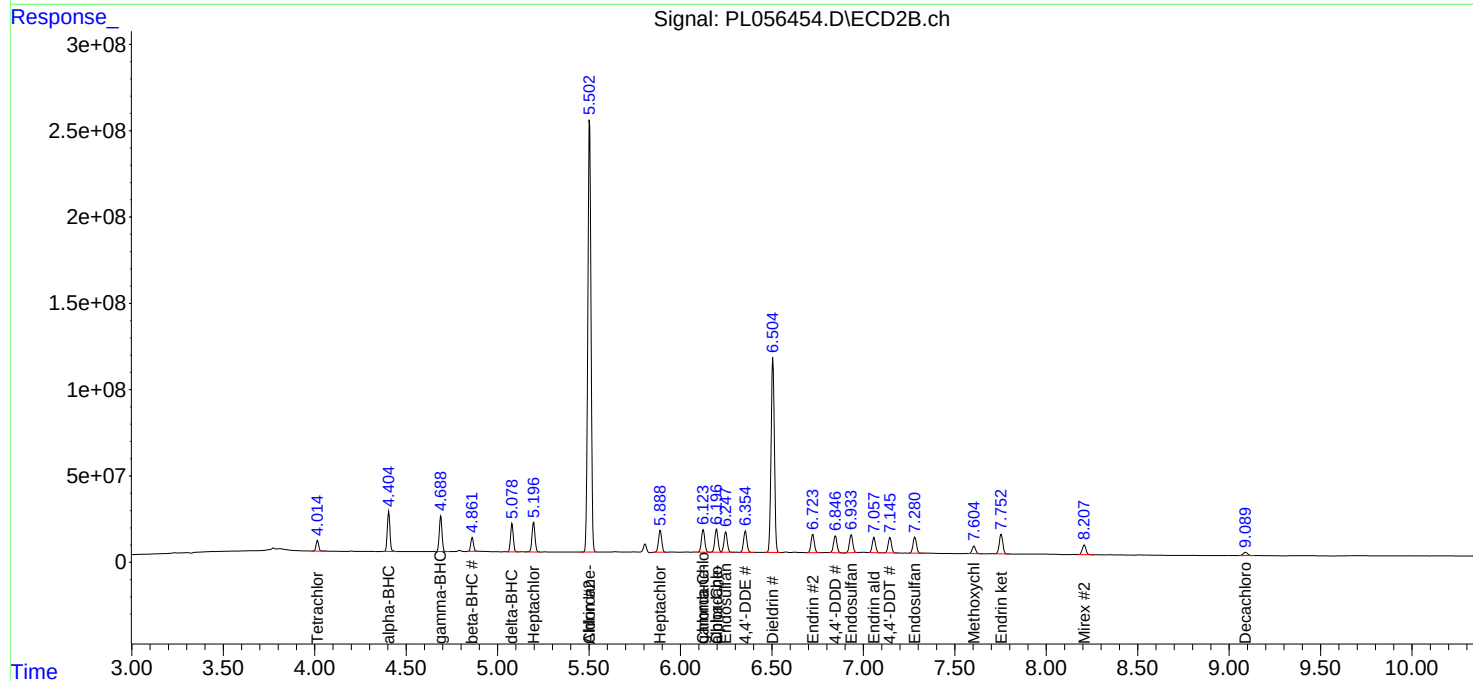
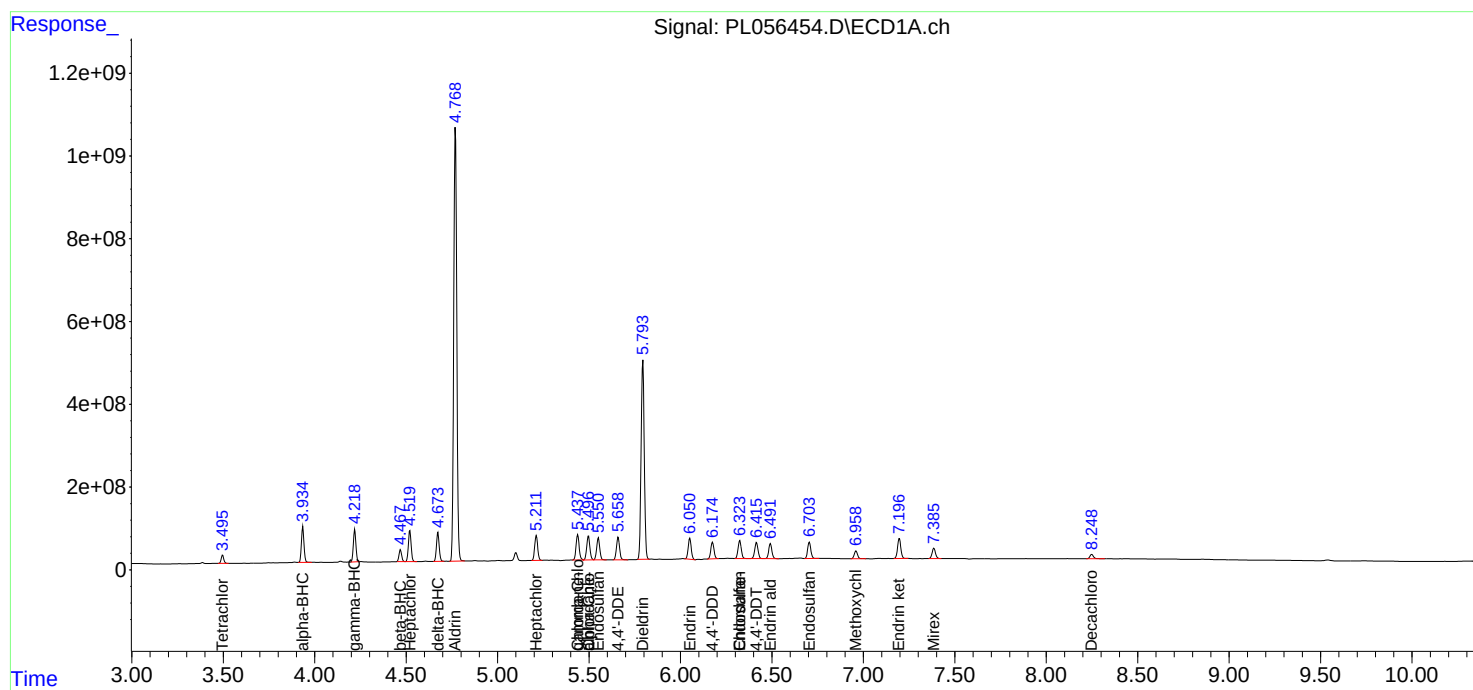
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

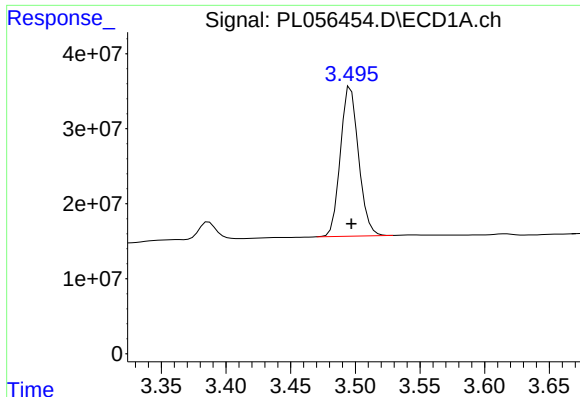
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021020\  
Data File : PL056454.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Feb 2020 18:41  
Operator : AJ\MA  
Sample : L1473-01MS  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 11 00:42:25 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 28 13:10:37 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

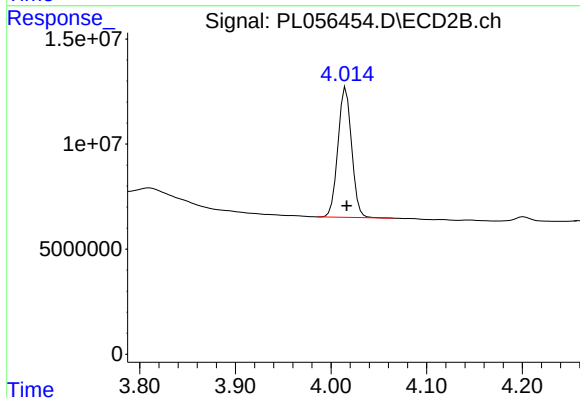




#1 Tetrachloro-m-xylene

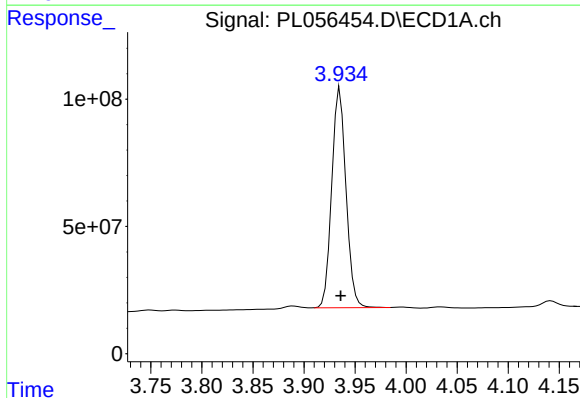
R.T.: 3.496 min  
Delta R.T.: 0.000 min  
Response: 194869301  
Conc: 18.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



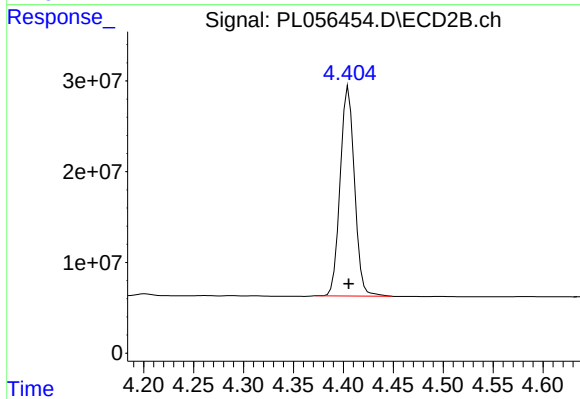
#1 Tetrachloro-m-xylene

R.T.: 4.016 min  
Delta R.T.: 0.000 min  
Response: 61359629  
Conc: 20.98 ng/ml



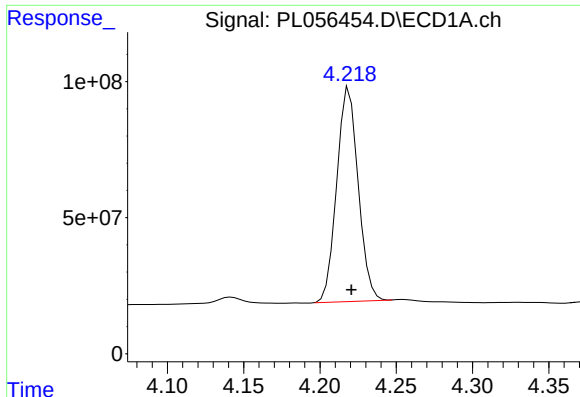
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 838982542  
Conc: 47.08 ng/ml



#2 alpha-BHC

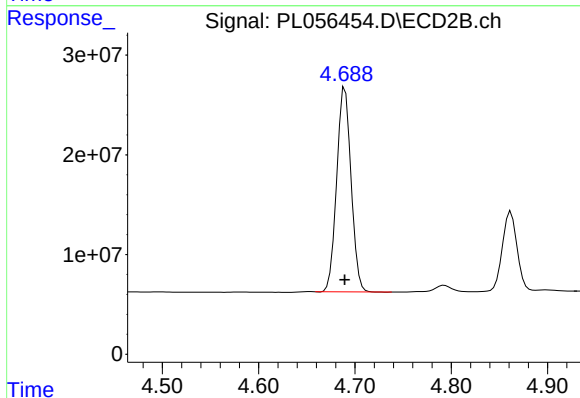
R.T.: 4.405 min  
Delta R.T.: 0.000 min  
Response: 230743851  
Conc: 52.71 ng/ml



#3 gamma-BHC (Lindane)

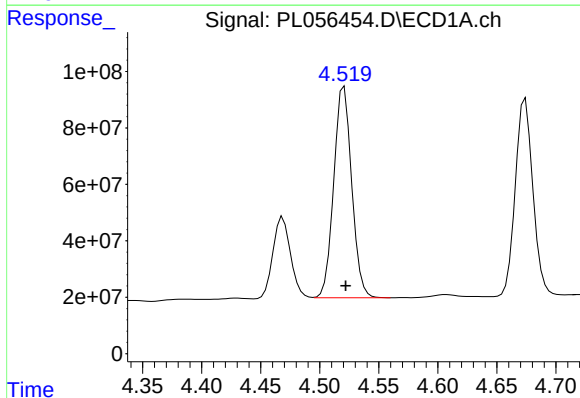
R.T.: 4.219 min  
Delta R.T.: -0.001 min  
Response: 768457483  
Conc: 46.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



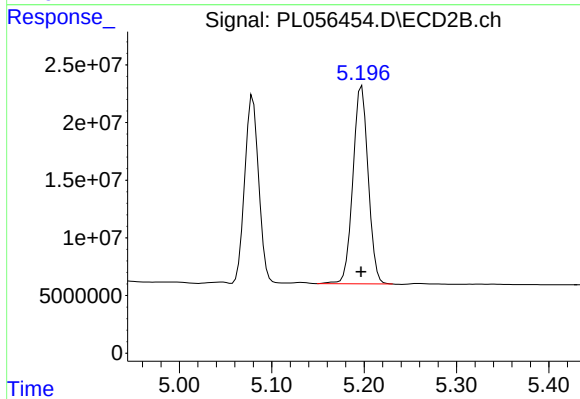
#3 gamma-BHC (Lindane)

R.T.: 4.690 min  
Delta R.T.: 0.000 min  
Response: 212724989  
Conc: 51.87 ng/ml



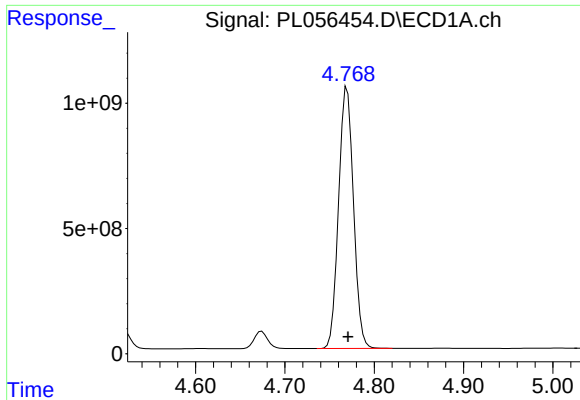
#4 Heptachlor

R.T.: 4.521 min  
Delta R.T.: -0.001 min  
Response: 791001179  
Conc: 49.27 ng/ml



#4 Heptachlor

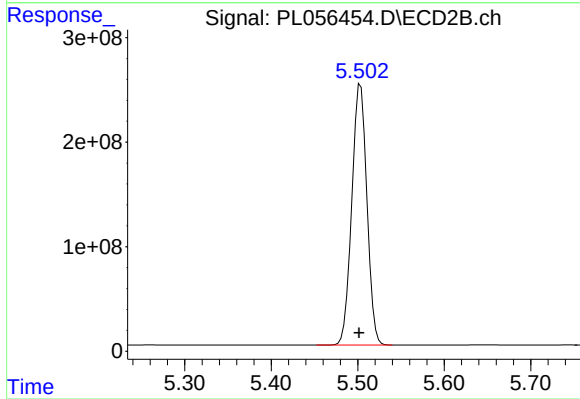
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 196743617  
Conc: 54.99 ng/ml



#5 Aldrin

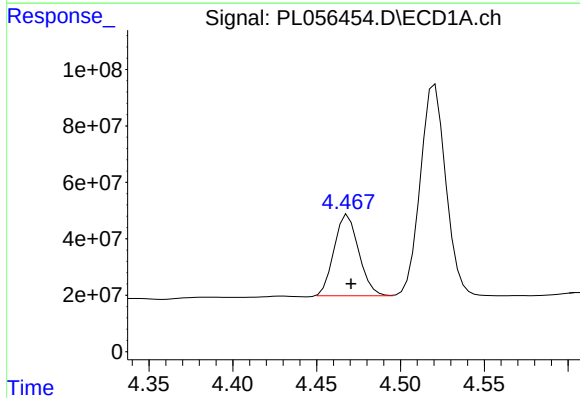
R.T.: 4.770 min  
Delta R.T.: 0.000 min  
Response: 12077543608  
Conc: 742.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



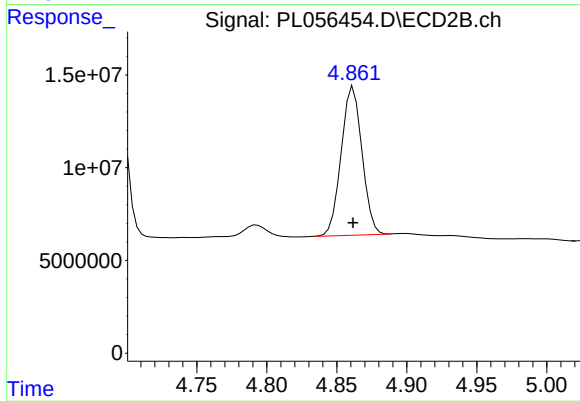
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: 0.002 min  
Response: 3025726562  
Conc: 860.90 ng/ml



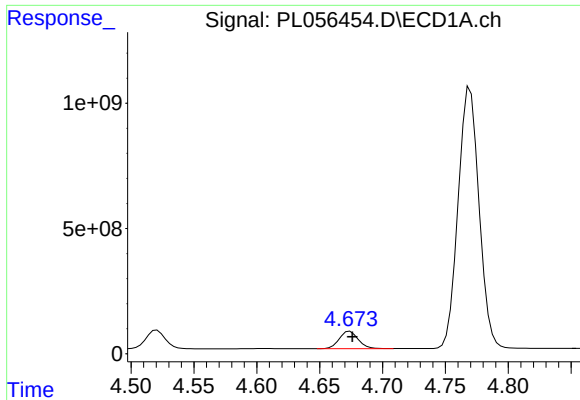
#6 beta-BHC

R.T.: 4.469 min  
Delta R.T.: -0.002 min  
Response: 293568786  
Conc: 44.57 ng/ml



#6 beta-BHC

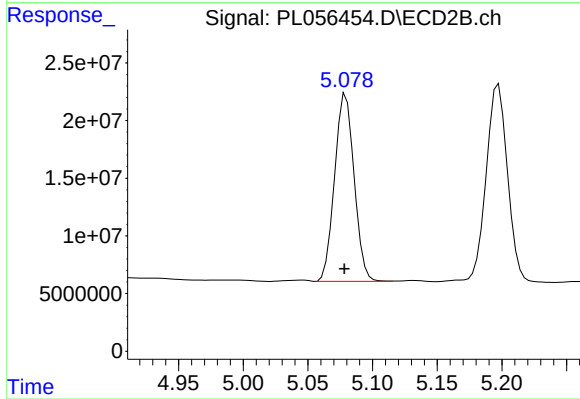
R.T.: 4.862 min  
Delta R.T.: 0.000 min  
Response: 82941224  
Conc: 50.59 ng/ml



#7 delta-BHC

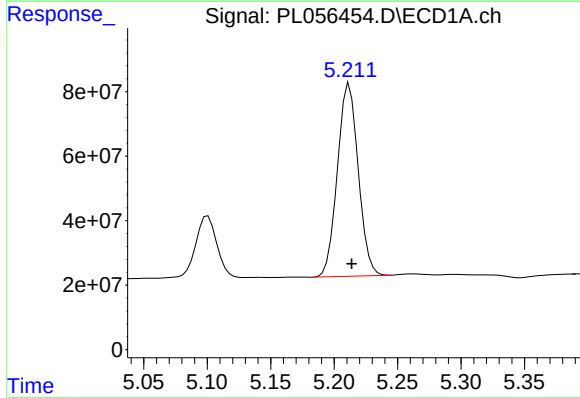
R.T.: 4.674 min  
Delta R.T.: -0.002 min  
Response: 728316787  
Conc: 45.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



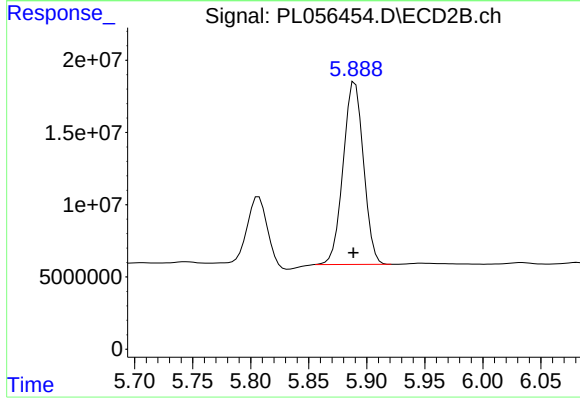
#7 delta-BHC

R.T.: 5.080 min  
Delta R.T.: 0.001 min  
Response: 170508918  
Conc: 53.17 ng/ml



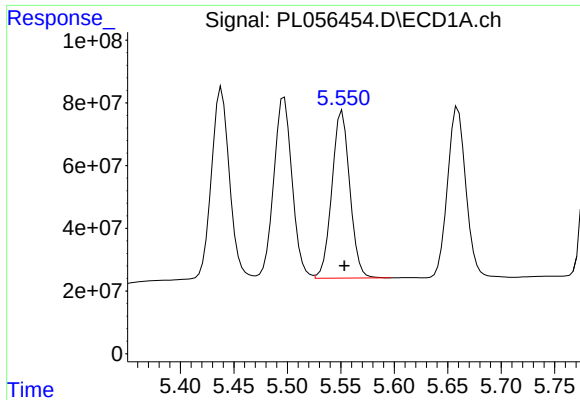
#8 Heptachlor epoxide

R.T.: 5.212 min  
Delta R.T.: -0.002 min  
Response: 681994210  
Conc: 44.34 ng/ml



#8 Heptachlor epoxide

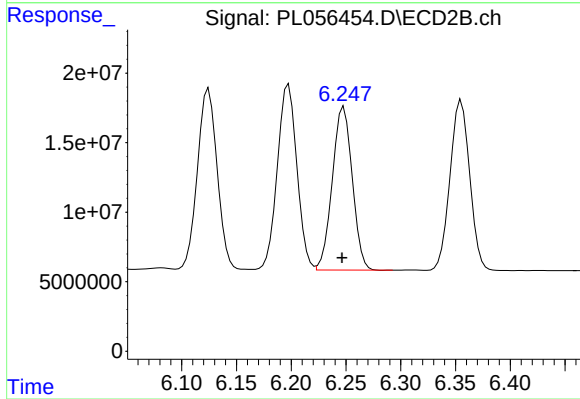
R.T.: 5.890 min  
Delta R.T.: 0.001 min  
Response: 154190474  
Conc: 49.54 ng/ml



#9 Endosulfan I

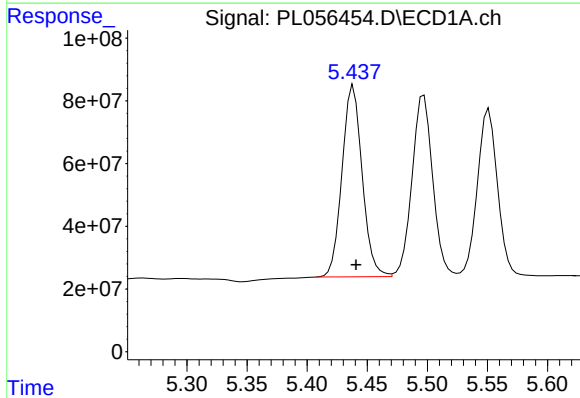
R.T.: 5.551 min  
Delta R.T.: -0.002 min  
Response: 623500616  
Conc: 42.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



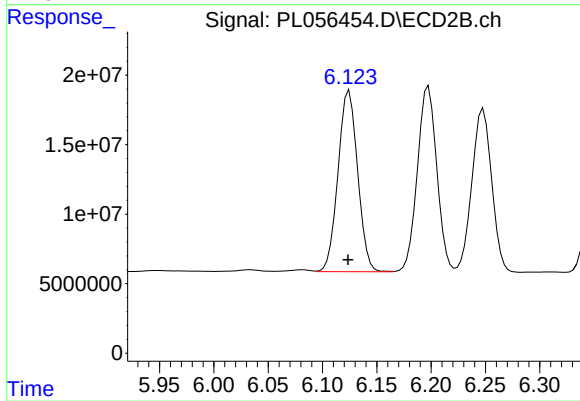
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: 0.002 min  
Response: 148812498  
Conc: 49.72 ng/ml



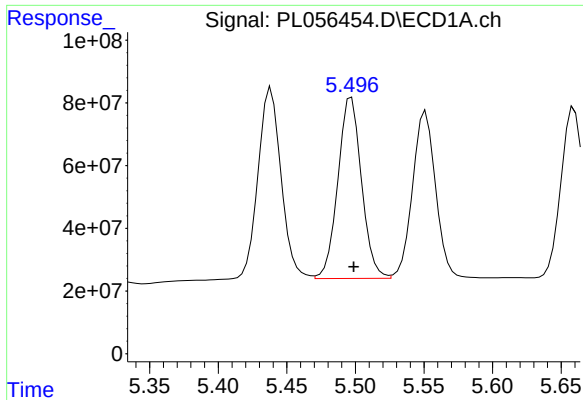
#10 gamma-Chlordane

R.T.: 5.439 min  
Delta R.T.: -0.002 min  
Response: 713875299  
Conc: 45.52 ng/ml



#10 gamma-Chlordane

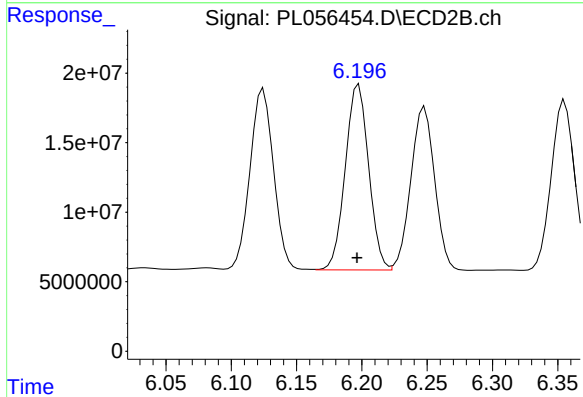
R.T.: 6.125 min  
Delta R.T.: 0.001 min  
Response: 163796243  
Conc: 51.51 ng/ml



#11 alpha-Chlordane

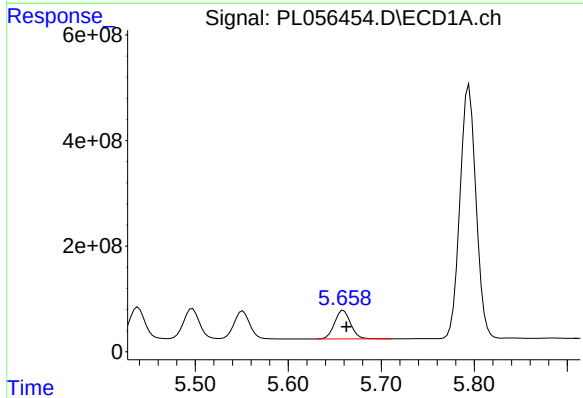
R.T.: 5.497 min  
Delta R.T.: -0.002 min  
Response: 693547825  
Conc: 45.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



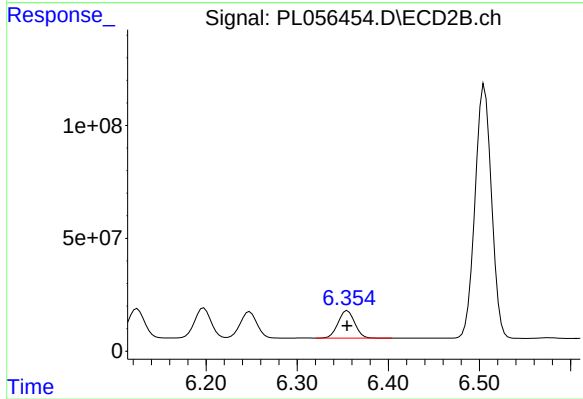
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.001 min  
Response: 166250391  
Conc: 52.45 ng/ml



#12 4,4'-DDE

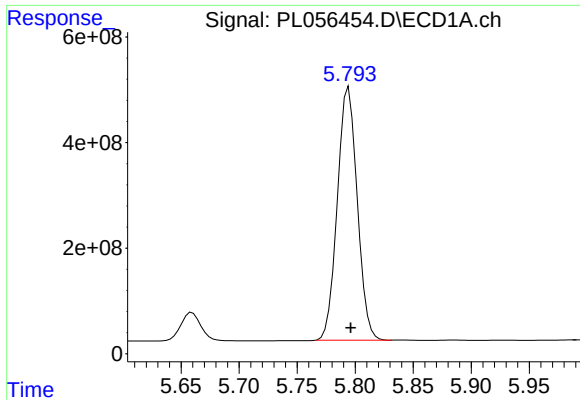
R.T.: 5.659 min  
Delta R.T.: -0.003 min  
Response: 649802851  
Conc: 44.83 ng/ml



#12 4,4'-DDE

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 153471522  
Conc: 51.24 ng/ml

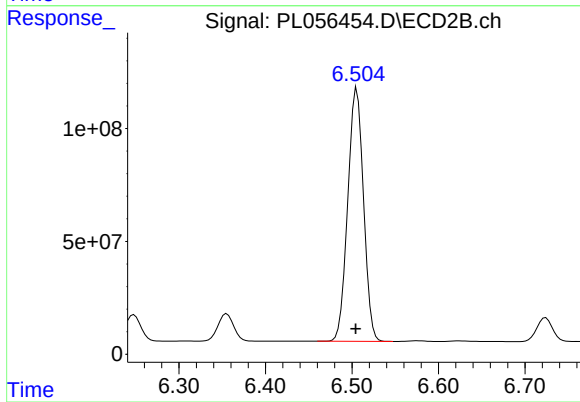




#13 Dieldrin

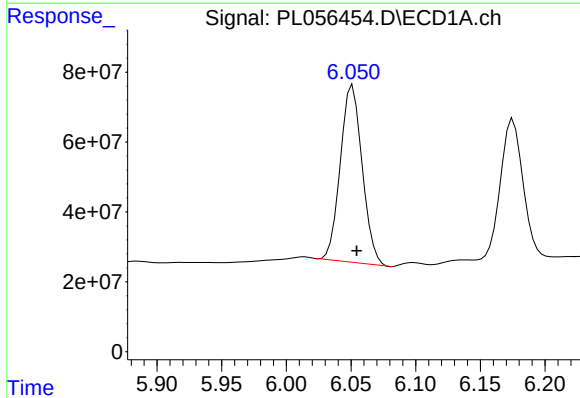
R.T.: 5.794 min  
Delta R.T.: -0.002 min  
Response: 5725796269  
Conc: 372.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



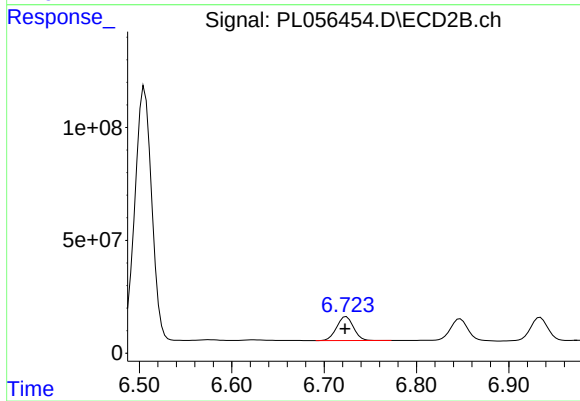
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: 0.001 min  
Response: 1415126214  
Conc: 455.91 ng/ml



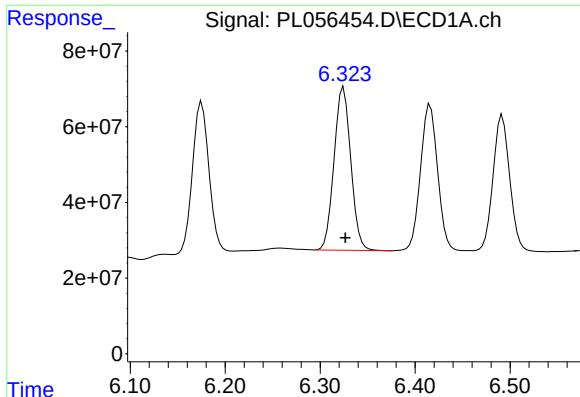
#14 Endrin

R.T.: 6.051 min  
Delta R.T.: -0.003 min  
Response: 595383380  
Conc: 42.37 ng/ml



#14 Endrin

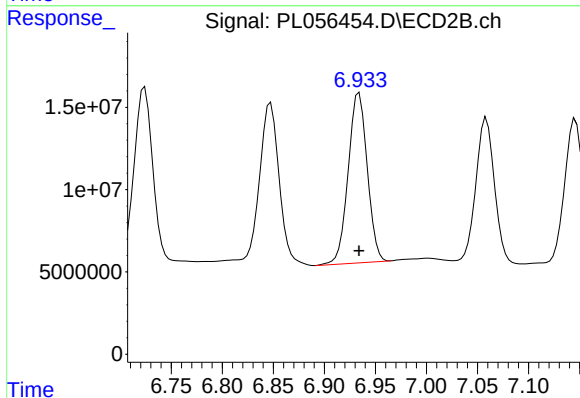
R.T.: 6.724 min  
Delta R.T.: 0.001 min  
Response: 135389642  
Conc: 51.66 ng/ml



#15 Endosulfan II

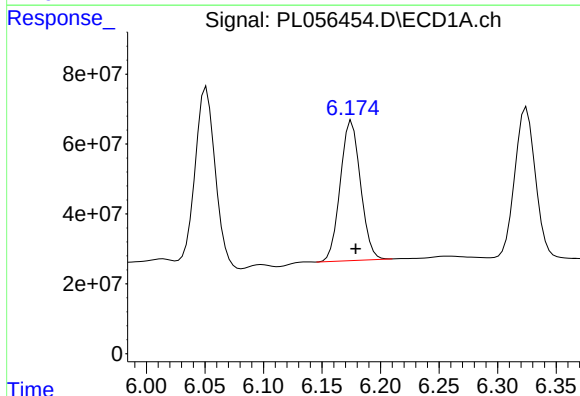
R.T.: 6.325 min  
Delta R.T.: -0.002 min  
Response: 528694571  
Conc: 40.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



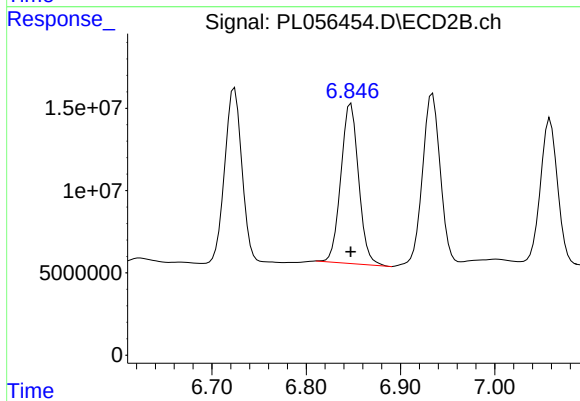
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 134179649  
Conc: 49.84 ng/ml



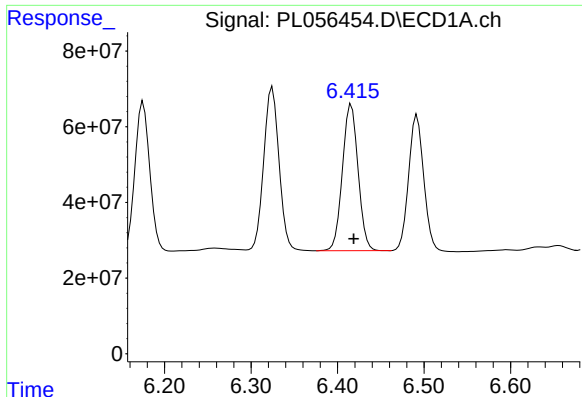
#16 4,4'-DDD

R.T.: 6.175 min  
Delta R.T.: -0.003 min  
Response: 481364515  
Conc: 44.78 ng/ml



#16 4,4'-DDD

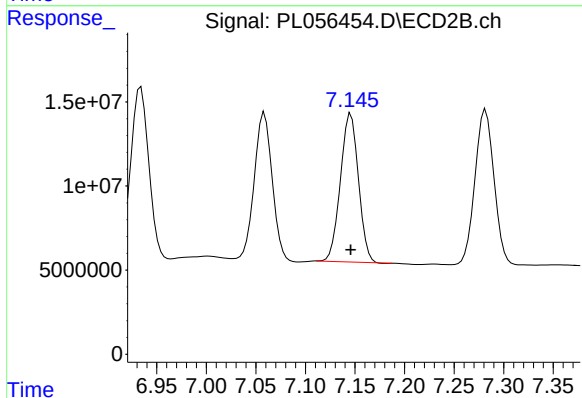
R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 127116117  
Conc: 53.88 ng/ml



#17 4,4'-DDT

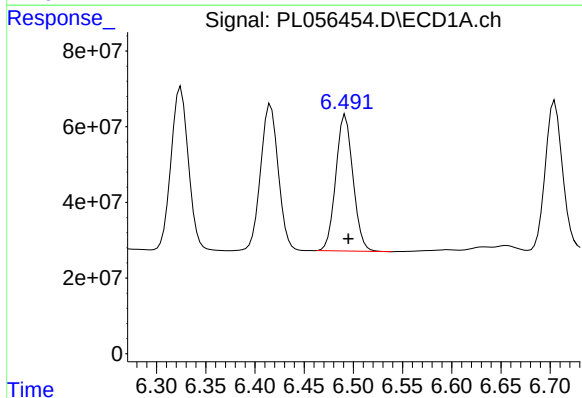
R.T.: 6.416 min  
Delta R.T.: -0.003 min  
Response: 483895747  
Conc: 44.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



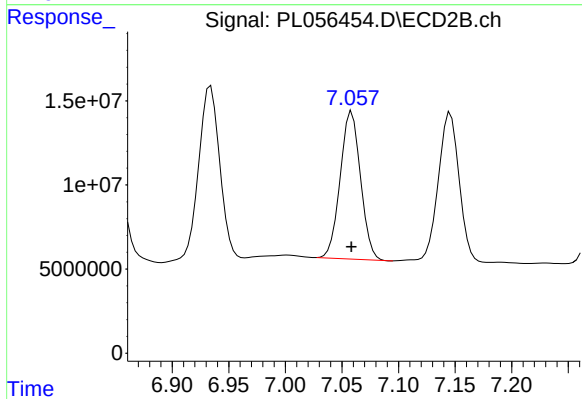
#17 4,4'-DDT

R.T.: 7.146 min  
Delta R.T.: 0.000 min  
Response: 111354230  
Conc: 48.50 ng/ml



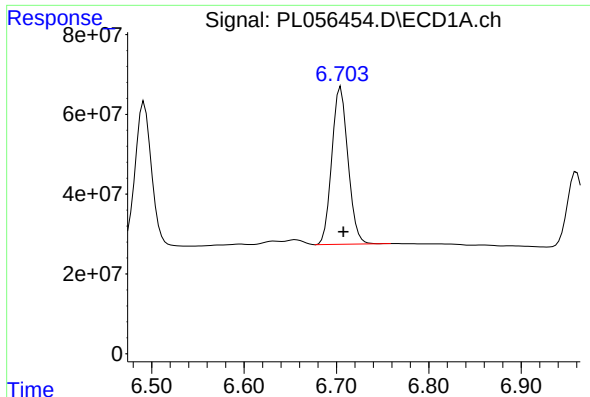
#18 Endrin aldehyde

R.T.: 6.492 min  
Delta R.T.: -0.003 min  
Response: 437651660  
Conc: 40.00 ng/ml



#18 Endrin aldehyde

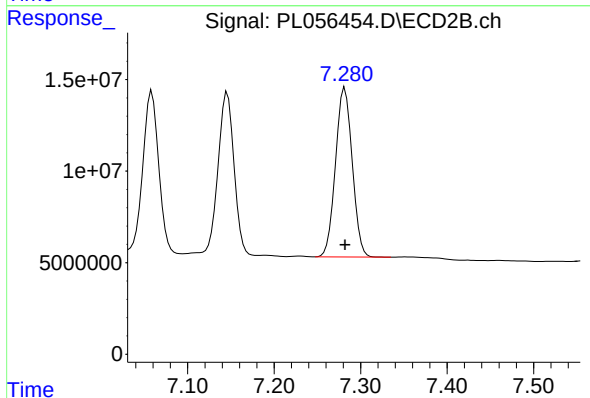
R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 110007473  
Conc: 48.46 ng/ml



#19 Endosulfan Sulfate

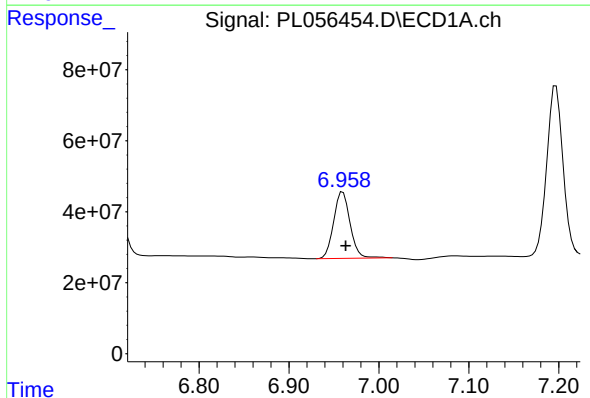
R.T.: 6.705 min  
Delta R.T.: -0.003 min  
Response: 480071486  
Conc: 39.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



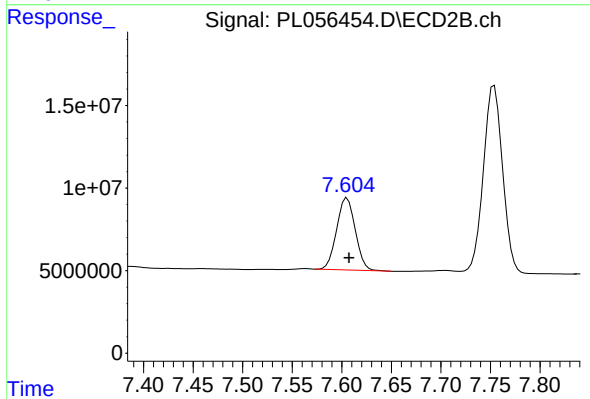
#19 Endosulfan Sulfate

R.T.: 7.282 min  
Delta R.T.: 0.000 min  
Response: 123693215  
Conc: 48.88 ng/ml



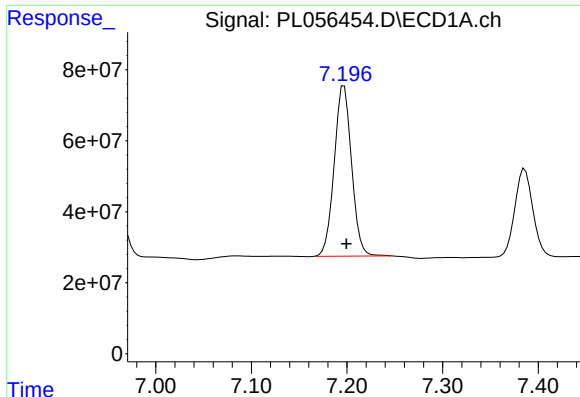
#20 Methoxychlor

R.T.: 6.960 min  
Delta R.T.: -0.003 min  
Response: 239649939  
Conc: 45.11 ng/ml



#20 Methoxychlor

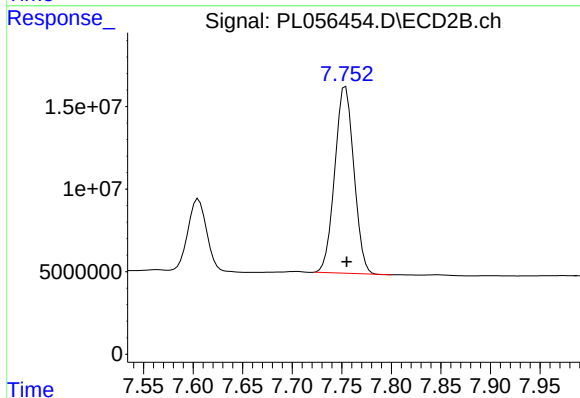
R.T.: 7.605 min  
Delta R.T.: -0.002 min  
Response: 57178022  
Conc: 46.63 ng/ml



#21 Endrin ketone

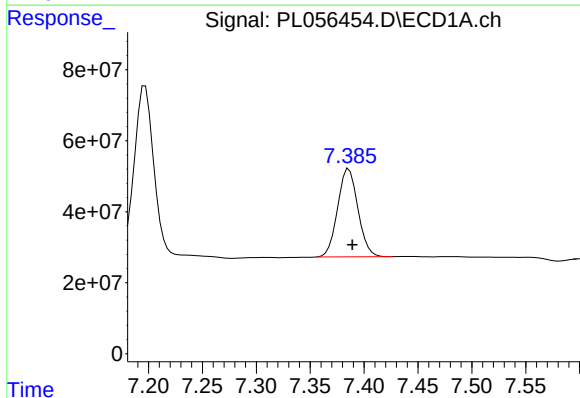
R.T.: 7.197 min  
Delta R.T.: -0.003 min  
Response: 605176591  
Conc: 46.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



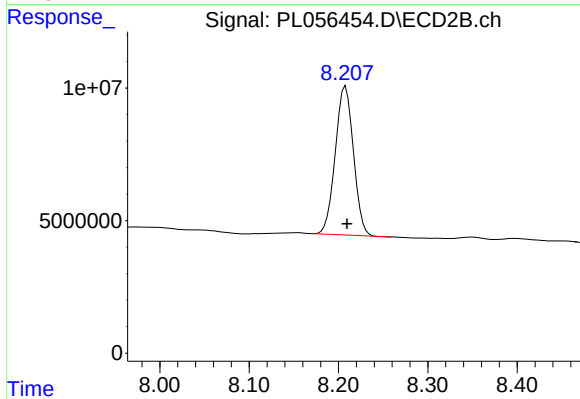
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: -0.001 min  
Response: 151176669  
Conc: 56.69 ng/ml



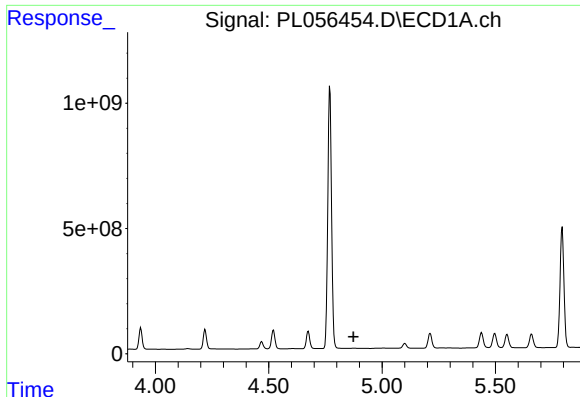
#22 Mirex

R.T.: 7.386 min  
Delta R.T.: -0.003 min  
Response: 325838201  
Conc: 35.27 ng/ml



#22 Mirex

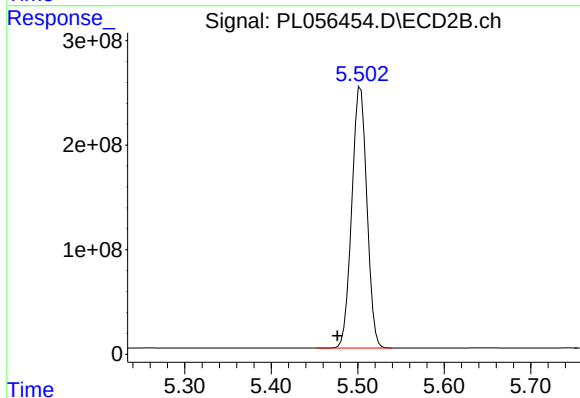
R.T.: 8.208 min  
Delta R.T.: -0.002 min  
Response: 79111050  
Conc: 43.52 ng/ml



#24 Chlordane-2

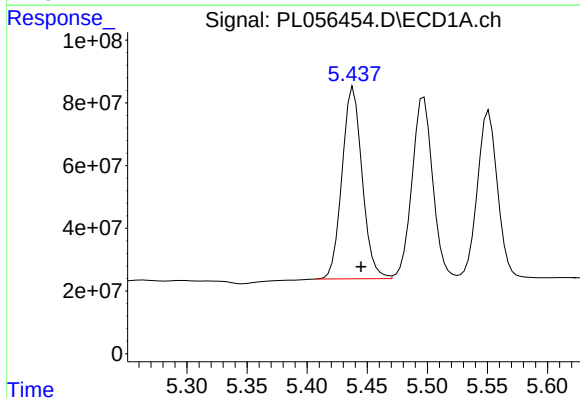
R.T.: 0.000 min  
Exp R.T.: 4.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



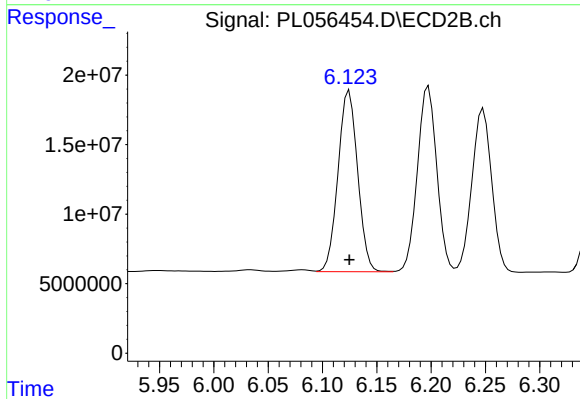
#24 Chlordane-2

R.T.: 5.503 min  
Delta R.T.: 0.027 min  
Response: 3025726562  
Conc: 30634.73 ng/ml



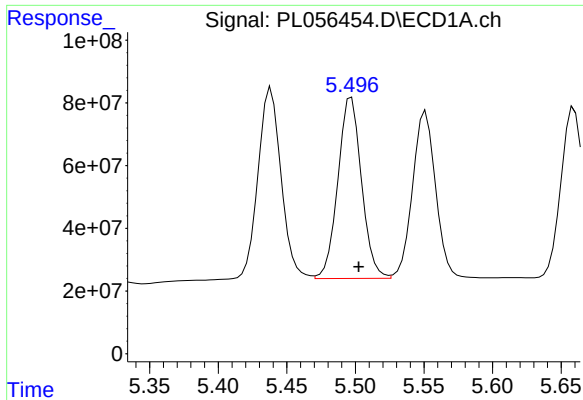
#25 Chlordane-3

R.T.: 5.439 min  
Delta R.T.: -0.006 min  
Response: 713875299  
Conc: 565.43 ng/ml



#25 Chlordane-3

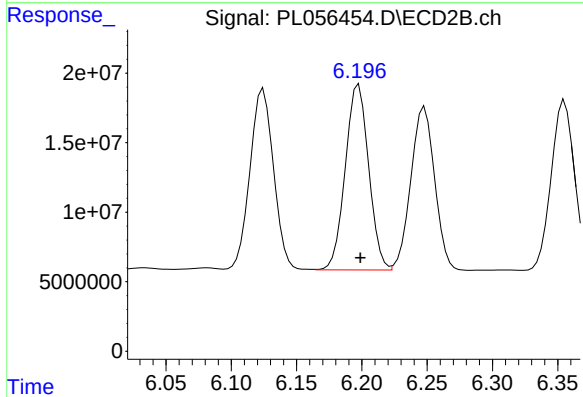
R.T.: 6.125 min  
Delta R.T.: 0.000 min  
Response: 163796243  
Conc: 435.82 ng/ml



#26 Chlordane-4

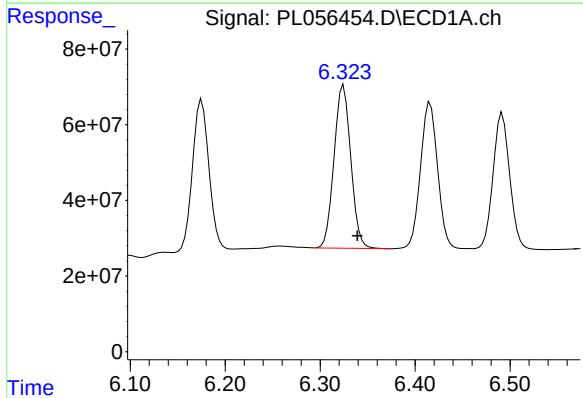
R.T.: 5.497 min  
Delta R.T.: -0.005 min  
Response: 693547825  
Conc: 640.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



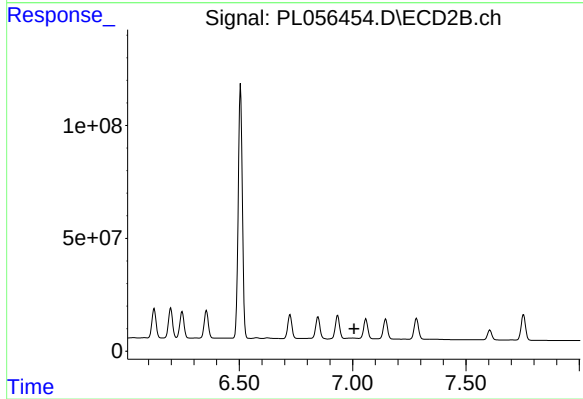
#26 Chlordane-4

R.T.: 6.198 min  
Delta R.T.: -0.001 min  
Response: 166250391  
Conc: 378.40 ng/ml



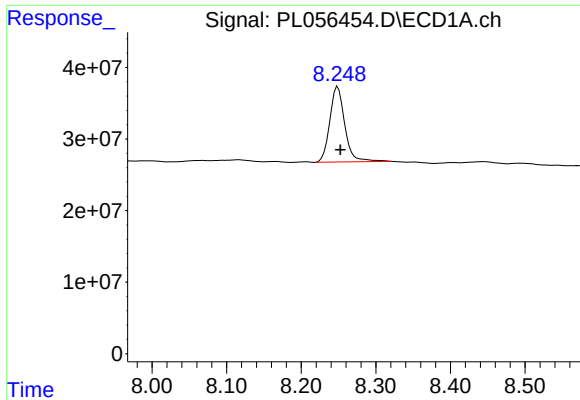
#27 Chlordane-5

R.T.: 6.325 min  
Delta R.T.: -0.015 min  
Response: 528694571  
Conc: 1274.48 ng/ml



#27 Chlordane-5

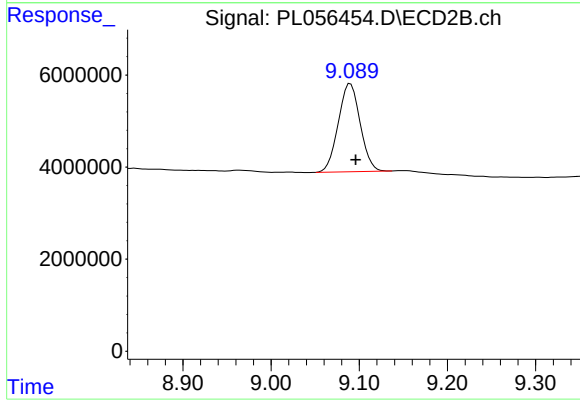
R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.249 min  
Delta R.T.: -0.003 min  
Response: 147838785  
Conc: 14.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.090 min  
Delta R.T.: -0.006 min  
Response: 33006588  
Conc: 14.59 ng/ml