

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031120\  
 Data File : PL057237.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2020 22:34  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 06:46:28 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 11 17:44:01 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... | 3.459  | 3.958  | 457.1E6 | 110.0E6  | 53.640   | 51.541     |
| 28)                         | SA Decachlor... | 8.207  | 8.981  | 442.9E6 | 97297597 | 45.823   | 45.793     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.897  | 4.345  | 807.5E6 | 166.8E6  | 54.485   | 52.815     |
| 3)                          | MA gamma-BHC... | 4.180  | 4.628  | 739.5E6 | 161.4E6  | 53.818   | 51.909     |
| 4)                          | MA Heptachlor   | 4.481  | 5.130  | 740.8E6 | 158.2E6  | 54.532   | 50.827     |
| 5)                          | MB Aldrin       | 4.728  | 5.433  | 718.0E6 | 159.4E6  | 55.602   | 53.335     |
| 6)                          | B beta-BHC      | 4.432  | 4.801  | 285.4E6 | 72724283 | 53.874   | 51.601     |
| 7)                          | B delta-BHC     | 4.636  | 5.015  | 732.6E6 | 133.7E6  | 56.151   | 54.900     |
| 8)                          | B Heptachlo...  | 5.171  | 5.817  | 662.5E6 | 143.4E6  | 54.752   | 51.754     |
| 9)                          | A Endosulfan I  | 5.510  | 6.172  | 615.4E6 | 141.3E6  | 54.289   | 50.584     |
| 10)                         | B gamma-Chl...  | 5.398  | 6.050  | 673.7E6 | 153.9E6  | 54.236   | 51.425     |
| 11)                         | B alpha-Chl...  | 5.456  | 6.122  | 664.9E6 | 154.0E6  | 54.120   | 51.085     |
| 12)                         | B 4,4'-DDE      | 5.620  | 6.281  | 639.0E6 | 141.9E6  | 54.536   | 50.012     |
| 13)                         | MA Dieldrin     | 5.753  | 6.427  | 659.0E6 | 146.8E6  | 53.897   | 49.867     |
| 14)                         | MA Endrin       | 6.010  | 6.644  | 551.2E6 | 115.1E6  | 50.666   | 44.648     |
| 15)                         | B Endosulfa...  | 6.283  | 6.854  | 555.9E6 | 125.7E6  | 51.478   | 44.798     |
| 16)                         | A 4,4'-DDD      | 6.136  | 6.770  | 532.6E6 | 120.2E6  | 55.016   | 49.343     |
| 17)                         | MA 4,4'-DDT     | 6.376  | 7.066  | 451.9E6 | 100.0E6  | 46.181   | 40.667     |
| 18)                         | B Endrin al...  | 6.451  | 6.978  | 458.9E6 | 108.0E6  | 51.292   | 46.601     |
| 19)                         | B Endosulfa...  | 6.664  | 7.200  | 509.4E6 | 116.9E6  | 51.004   | 46.621     |
| 20)                         | A Methoxychlor  | 6.920  | 7.526  | 229.3E6 | 53866408 | 45.994   | 43.117     |
| 21)                         | B Endrin ke...  | 7.154  | 7.667  | 565.6E6 | 127.4E6  | 50.089   | 46.496     |
| 22)                         | Mirex           | 7.341  | 8.118  | 377.0E6 | 86948033 | 46.523   | 45.353     |
| 23)                         | Chlordane-1     | 4.356f | 0.000  | 4813060 | 0        | 15.835   | N.D. #     |
| 24)                         | Chlordane-2     | 4.831  | 5.433f | 1186908 | 159.4E6  | 3.366    | 1670.221 # |
| 25)                         | Chlordane-3     | 5.398  | 6.050  | 673.7E6 | 153.9E6  | 624.544  | 406.203 #  |
| 26)                         | Chlordane-4     | 5.456  | 6.122  | 664.9E6 | 154.0E6  | 723.541  | 335.834 #  |
| 27)                         | Chlordane-5     | 6.283  | 0.000  | 555.9E6 | 0        | 1530.573 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

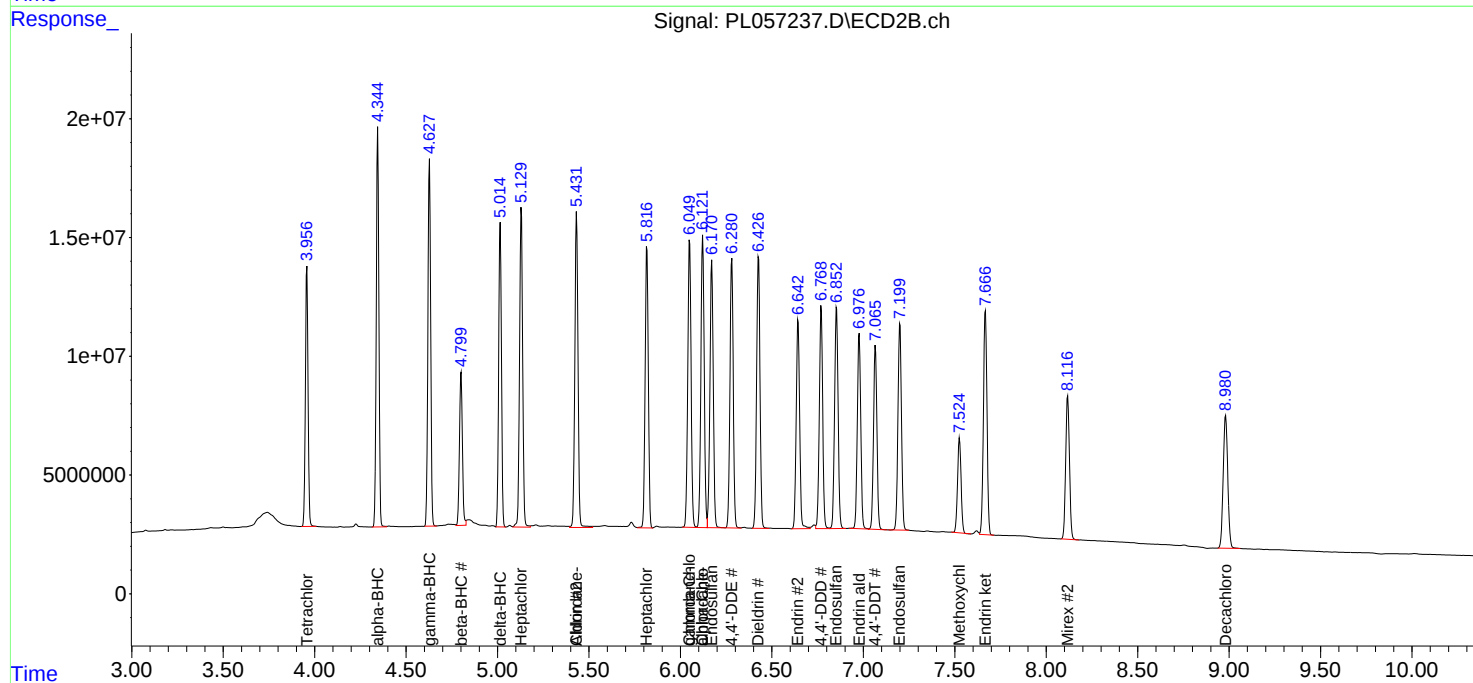
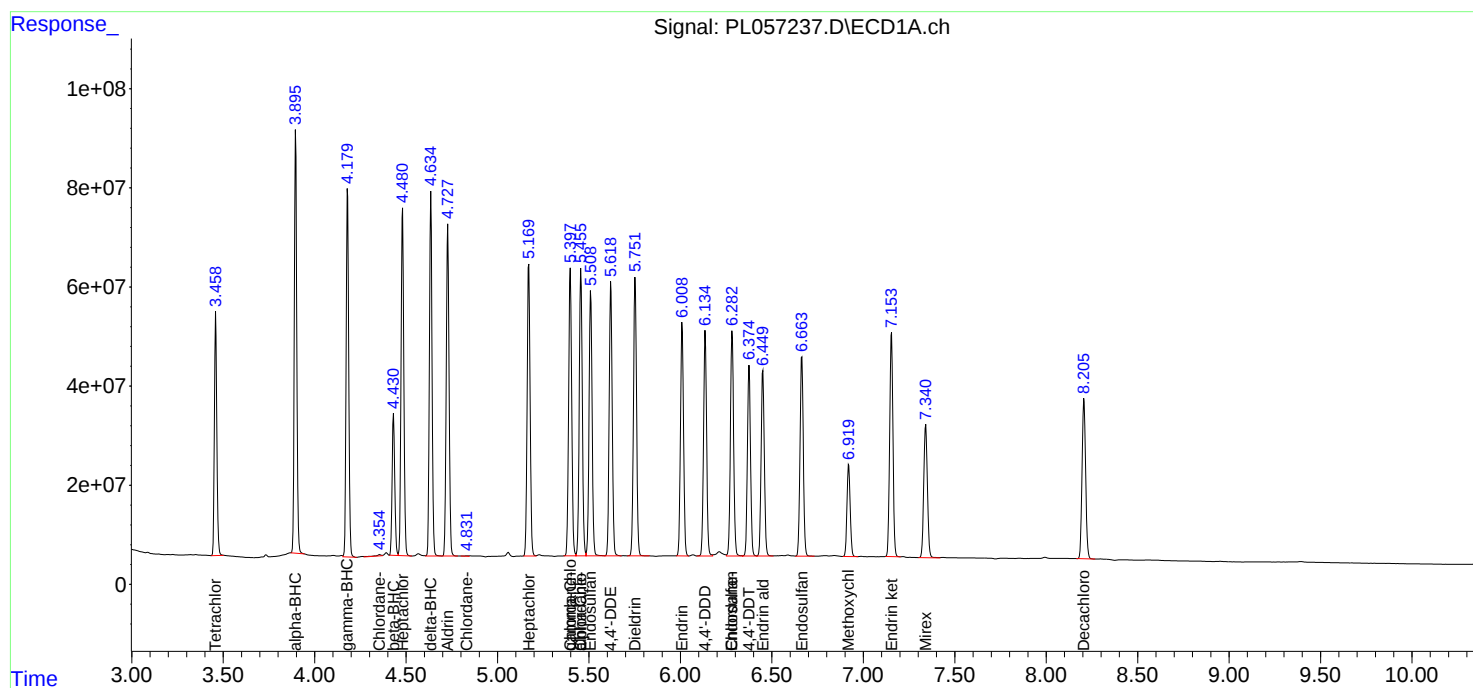
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

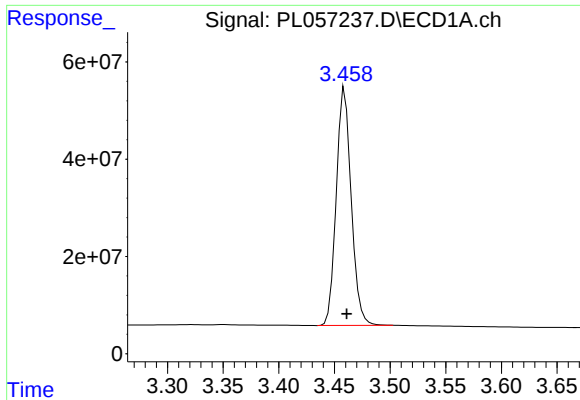
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031120\  
Data File : PL057237.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2020 22:34  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 06:46:28 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 11 17:44:01 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

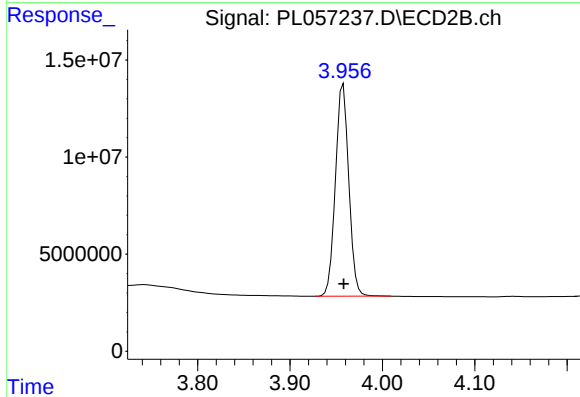




#1 Tetrachloro-m-xylene

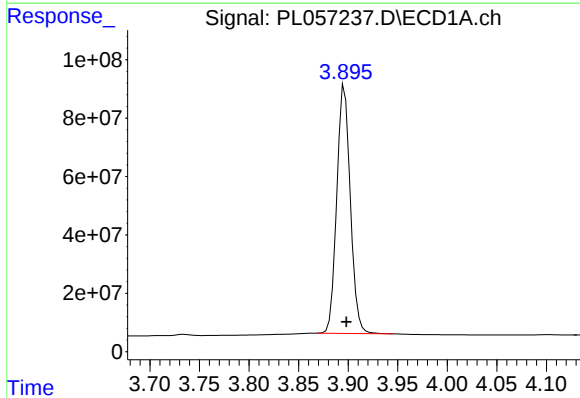
R.T.: 3.459 min  
Delta R.T.: -0.002 min  
Response: 457137493  
Conc: 53.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



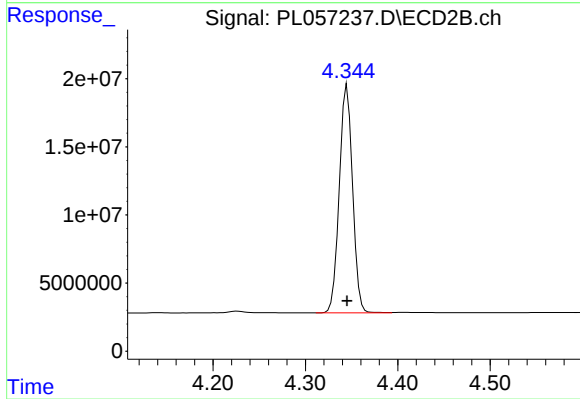
#1 Tetrachloro-m-xylene

R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 109963667  
Conc: 51.54 ng/ml



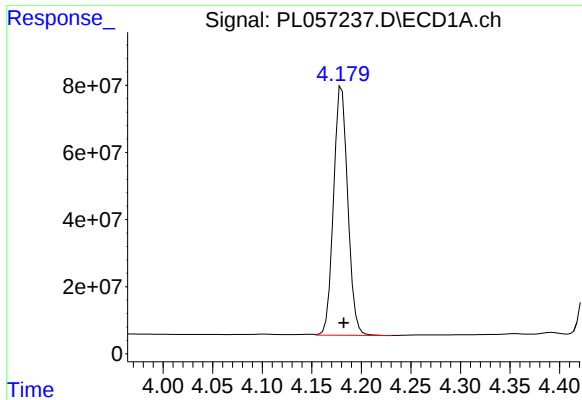
#2 alpha-BHC

R.T.: 3.897 min  
Delta R.T.: -0.002 min  
Response: 807456940  
Conc: 54.49 ng/ml



#2 alpha-BHC

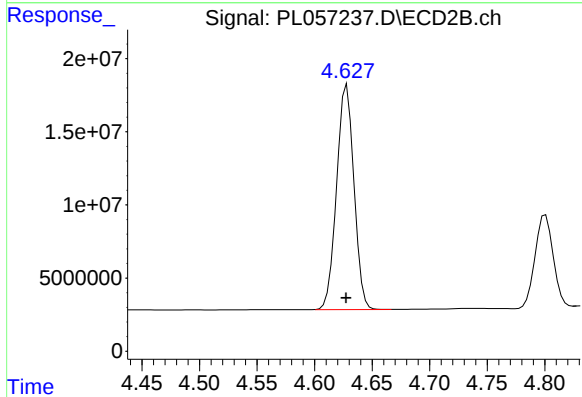
R.T.: 4.345 min  
Delta R.T.: 0.000 min  
Response: 166842283  
Conc: 52.82 ng/ml



#3 gamma-BHC (Lindane)

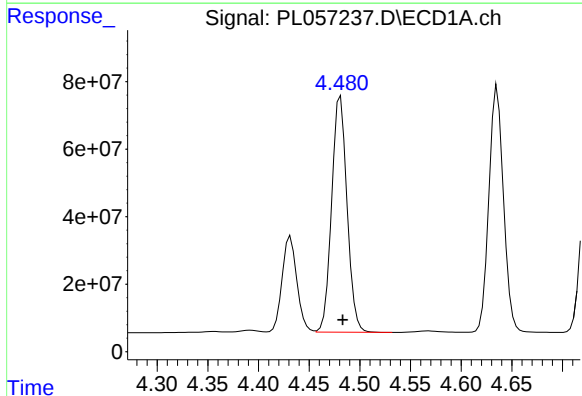
R.T.: 4.180 min  
Delta R.T.: -0.002 min  
Response: 739496612  
Conc: 53.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



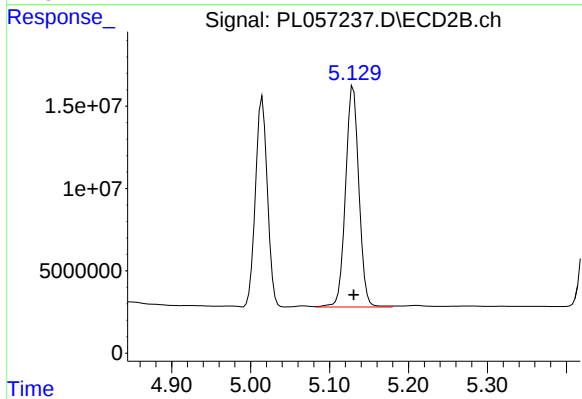
#3 gamma-BHC (Lindane)

R.T.: 4.628 min  
Delta R.T.: 0.000 min  
Response: 161371580  
Conc: 51.91 ng/ml



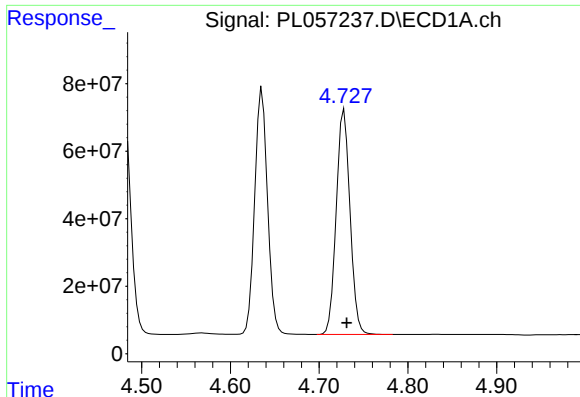
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: -0.002 min  
Response: 740767900  
Conc: 54.53 ng/ml



#4 Heptachlor

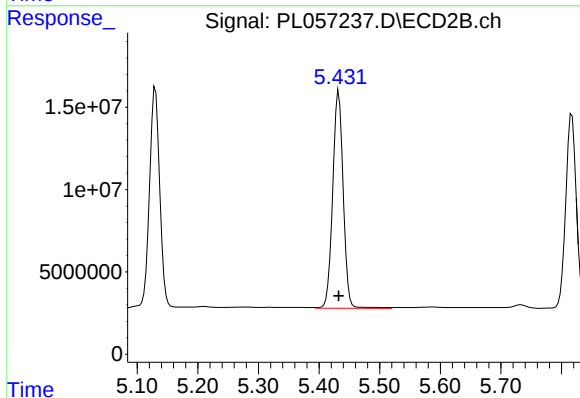
R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 158192429  
Conc: 50.83 ng/ml



#5 Aldrin

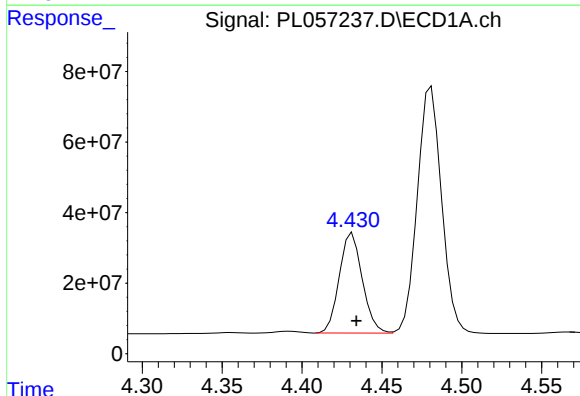
R.T.: 4.728 min  
Delta R.T.: -0.003 min  
Response: 717972907  
Conc: 55.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



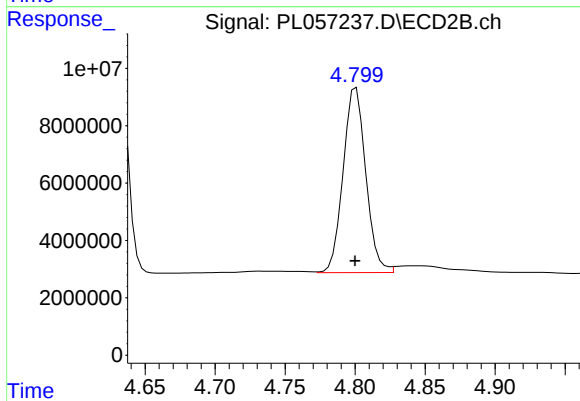
#5 Aldrin

R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 159429621  
Conc: 53.34 ng/ml



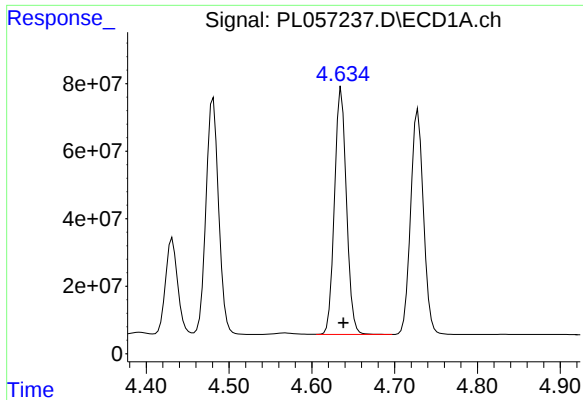
#6 beta-BHC

R.T.: 4.432 min  
Delta R.T.: -0.003 min  
Response: 285378526  
Conc: 53.87 ng/ml



#6 beta-BHC

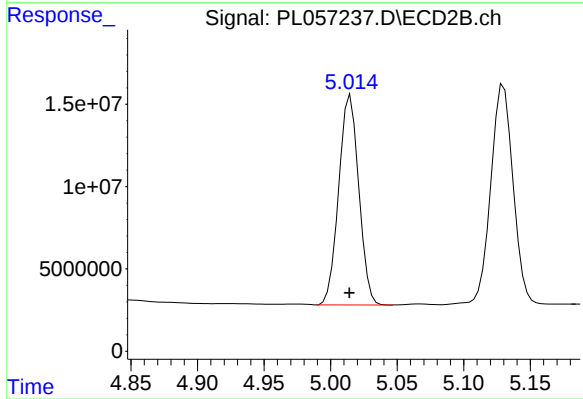
R.T.: 4.801 min  
Delta R.T.: 0.000 min  
Response: 72724283  
Conc: 51.60 ng/ml



#7 delta-BHC

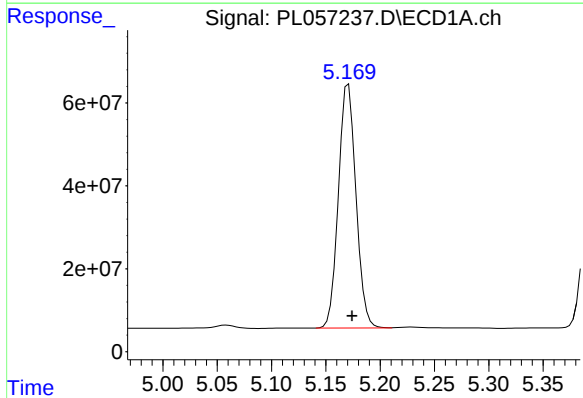
R.T.: 4.636 min  
Delta R.T.: -0.002 min  
Response: 732559311  
Conc: 56.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



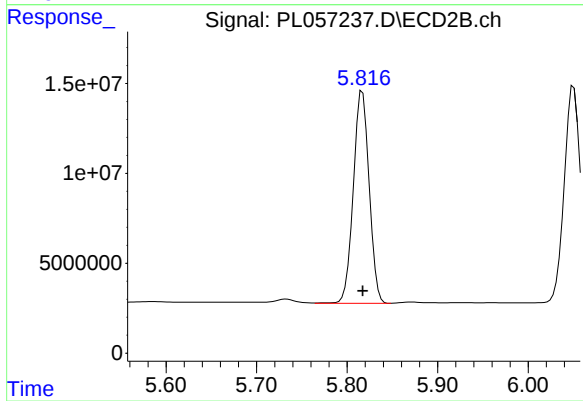
#7 delta-BHC

R.T.: 5.015 min  
Delta R.T.: 0.000 min  
Response: 133670784  
Conc: 54.90 ng/ml



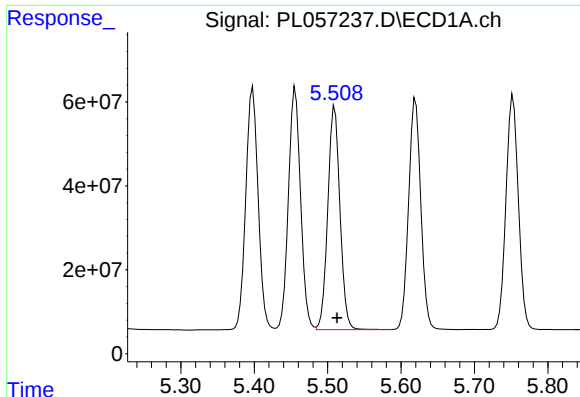
#8 Heptachlor epoxide

R.T.: 5.171 min  
Delta R.T.: -0.003 min  
Response: 662500778  
Conc: 54.75 ng/ml



#8 Heptachlor epoxide

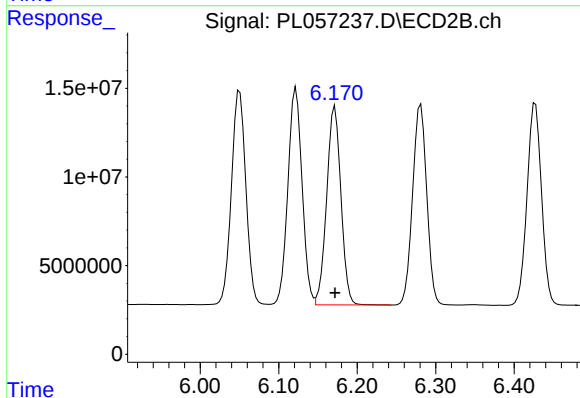
R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 143413531  
Conc: 51.75 ng/ml



#9 Endosulfan I

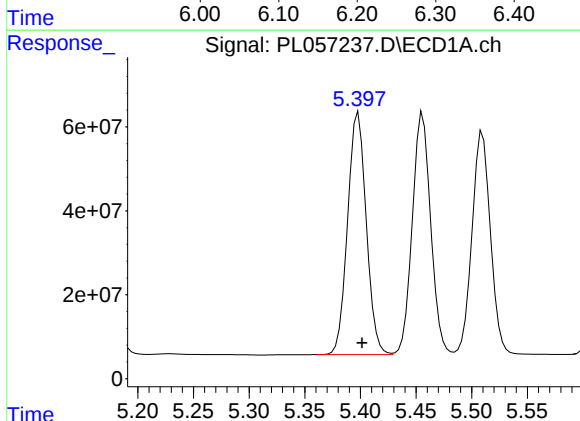
R.T.: 5.510 min  
Delta R.T.: -0.003 min  
Response: 615423739  
Conc: 54.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



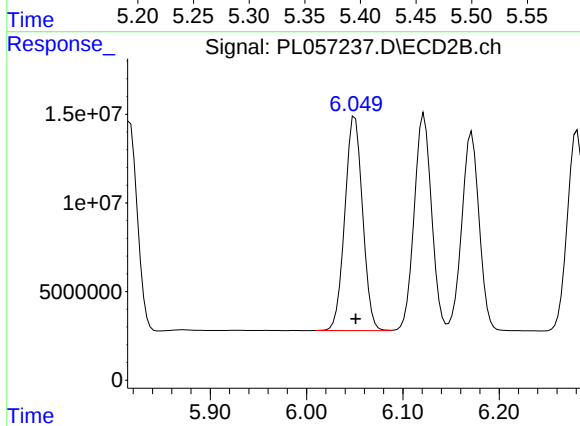
#9 Endosulfan I

R.T.: 6.172 min  
Delta R.T.: 0.000 min  
Response: 141301733  
Conc: 50.58 ng/ml



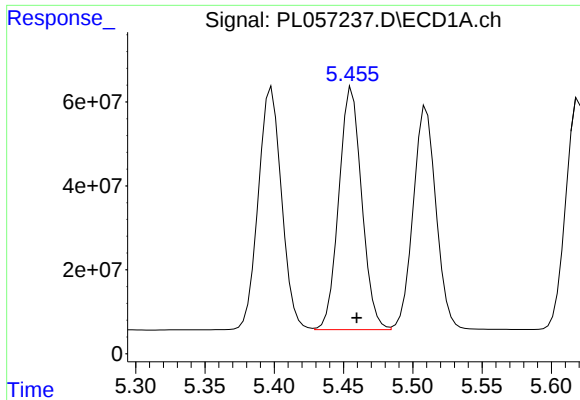
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: -0.003 min  
Response: 673652952  
Conc: 54.24 ng/ml



#10 gamma-Chlordane

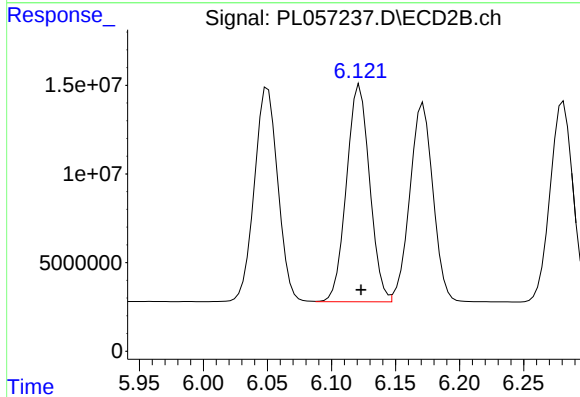
R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 153946286  
Conc: 51.42 ng/ml



#11 alpha-Chlordane

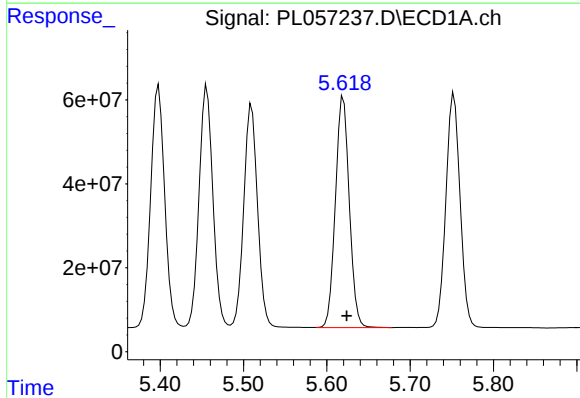
R.T.: 5.456 min  
Delta R.T.: -0.004 min  
Response: 664929280  
Conc: 54.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



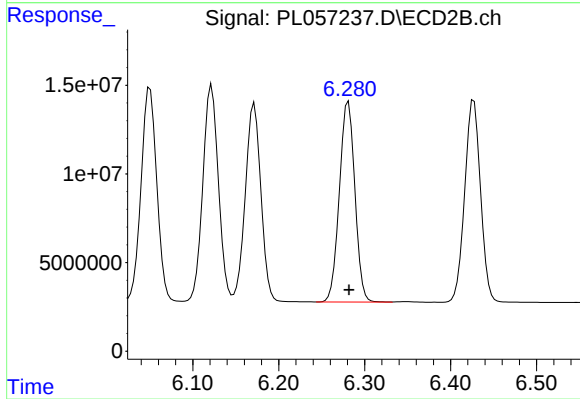
#11 alpha-Chlordane

R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 153992252  
Conc: 51.08 ng/ml



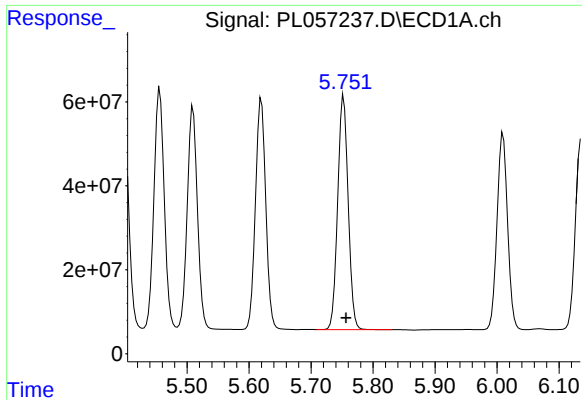
#12 4,4'-DDE

R.T.: 5.620 min  
Delta R.T.: -0.004 min  
Response: 639042482  
Conc: 54.54 ng/ml



#12 4,4'-DDE

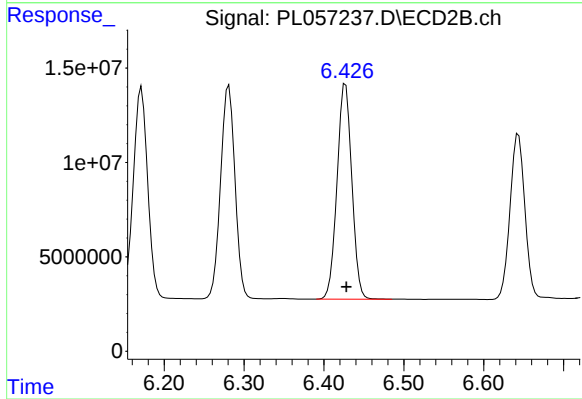
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 141930271  
Conc: 50.01 ng/ml



#13 Dieldrin

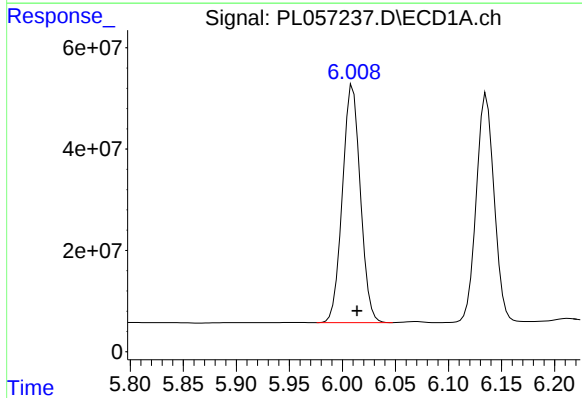
R.T.: 5.753 min  
Delta R.T.: -0.004 min  
Response: 658972232  
Conc: 53.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



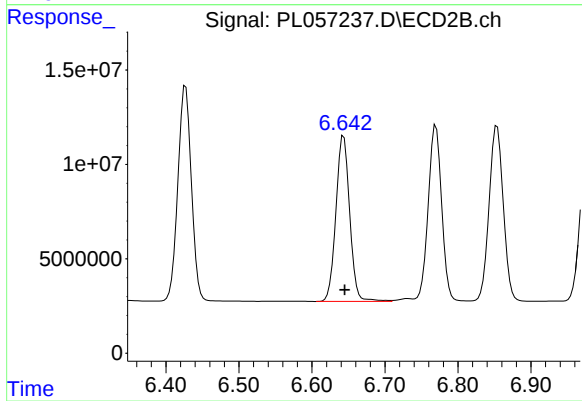
#13 Dieldrin

R.T.: 6.427 min  
Delta R.T.: 0.000 min  
Response: 146770993  
Conc: 49.87 ng/ml



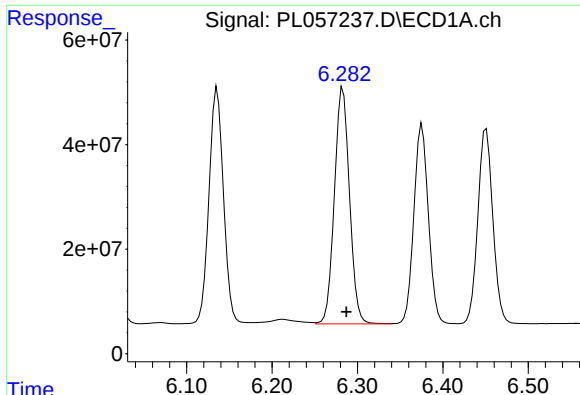
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: -0.004 min  
Response: 551223520  
Conc: 50.67 ng/ml



#14 Endrin

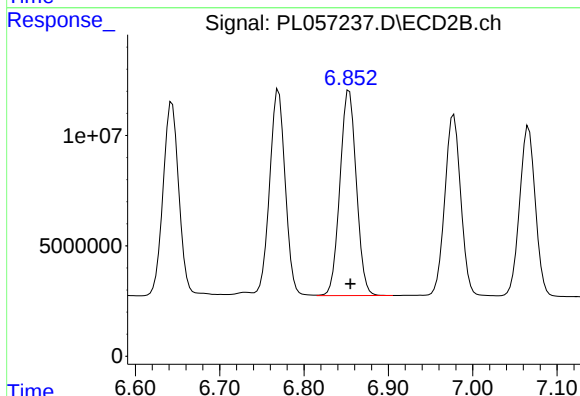
R.T.: 6.644 min  
Delta R.T.: -0.001 min  
Response: 115137995  
Conc: 44.65 ng/ml



#15 Endosulfan II

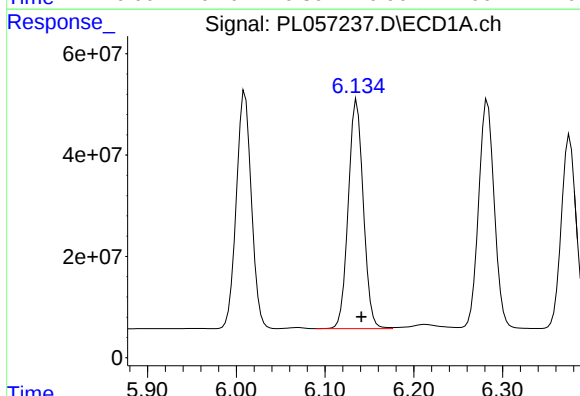
R.T.: 6.283 min  
Delta R.T.: -0.004 min  
Response: 555942012  
Conc: 51.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



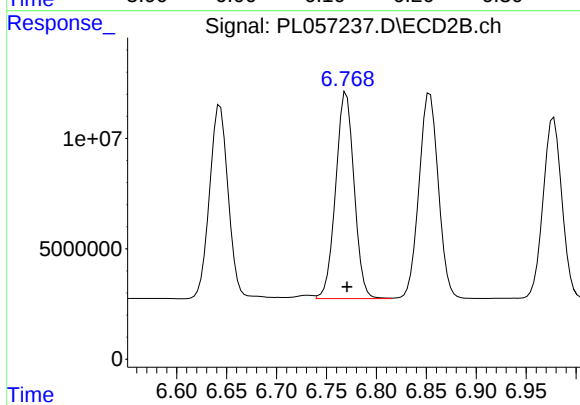
#15 Endosulfan II

R.T.: 6.854 min  
Delta R.T.: -0.001 min  
Response: 125704450  
Conc: 44.80 ng/ml



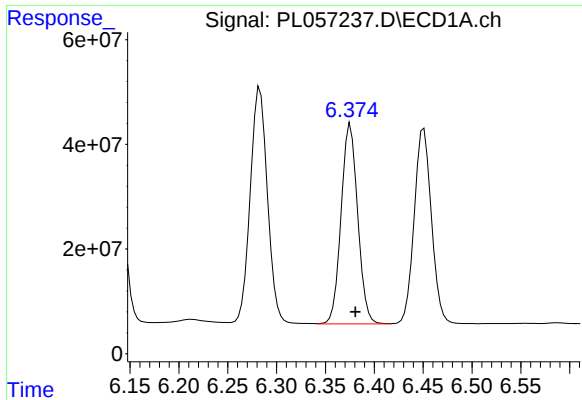
#16 4,4'-DDD

R.T.: 6.136 min  
Delta R.T.: -0.005 min  
Response: 532586489  
Conc: 55.02 ng/ml



#16 4,4'-DDD

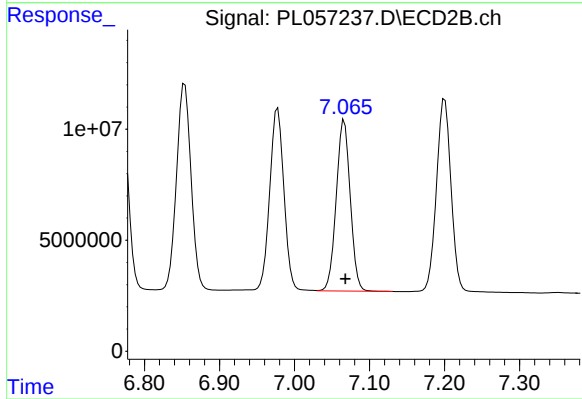
R.T.: 6.770 min  
Delta R.T.: 0.000 min  
Response: 120199755  
Conc: 49.34 ng/ml



#17 4,4'-DDT

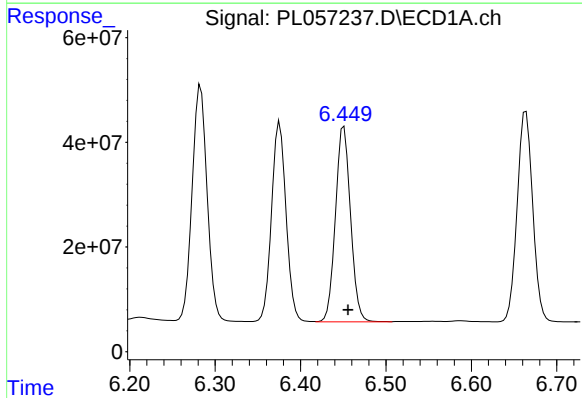
R.T.: 6.376 min  
Delta R.T.: -0.005 min  
Response: 451887192  
Conc: 46.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



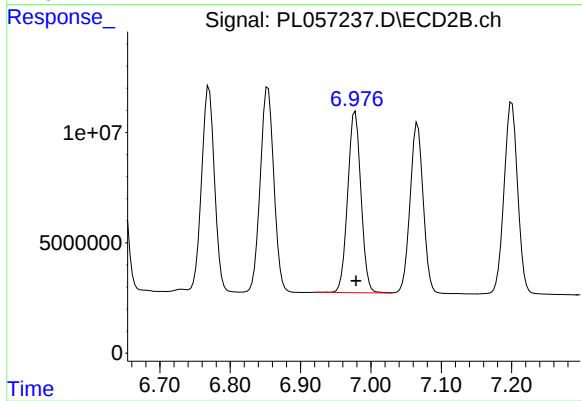
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: -0.001 min  
Response: 100038429  
Conc: 40.67 ng/ml



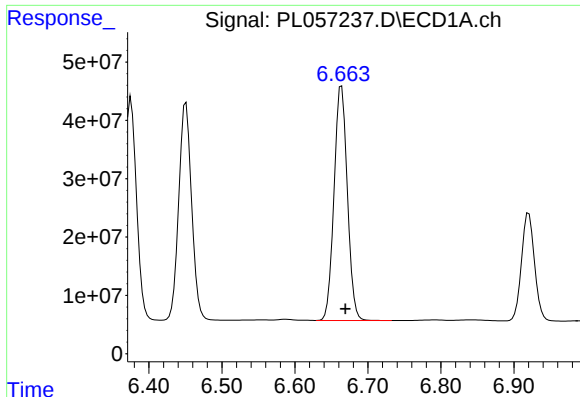
#18 Endrin aldehyde

R.T.: 6.451 min  
Delta R.T.: -0.005 min  
Response: 458877568  
Conc: 51.29 ng/ml



#18 Endrin aldehyde

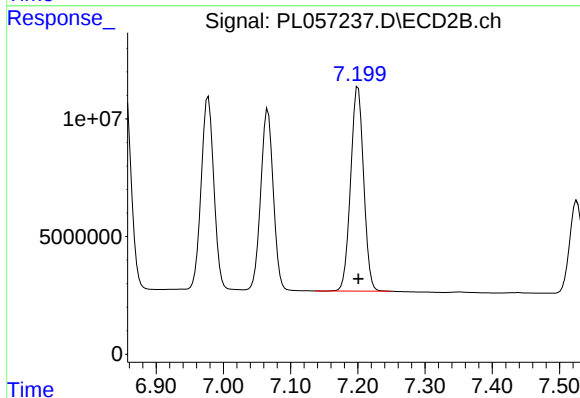
R.T.: 6.978 min  
Delta R.T.: -0.001 min  
Response: 107987606  
Conc: 46.60 ng/ml



#19 Endosulfan Sulfate

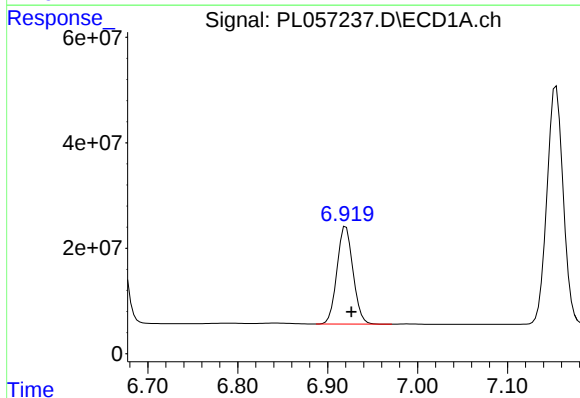
R.T.: 6.664 min  
Delta R.T.: -0.005 min  
Response: 509388221  
Conc: 51.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



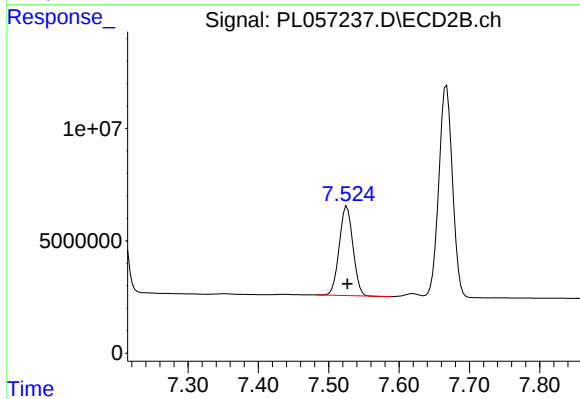
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 116920810  
Conc: 46.62 ng/ml



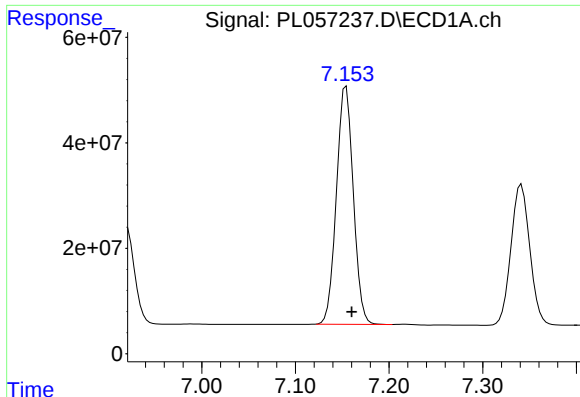
#20 Methoxychlor

R.T.: 6.920 min  
Delta R.T.: -0.006 min  
Response: 229333326  
Conc: 45.99 ng/ml



#20 Methoxychlor

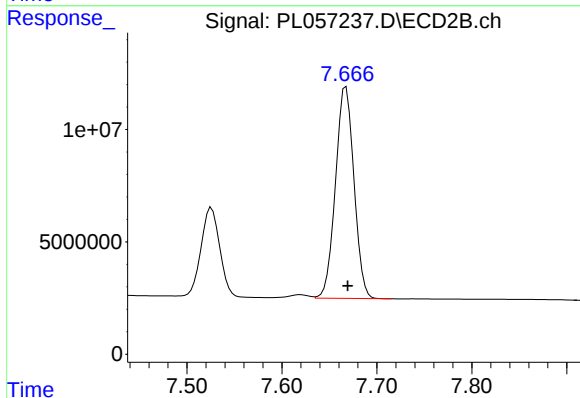
R.T.: 7.526 min  
Delta R.T.: 0.000 min  
Response: 53866408  
Conc: 43.12 ng/ml



#21 Endrin ketone

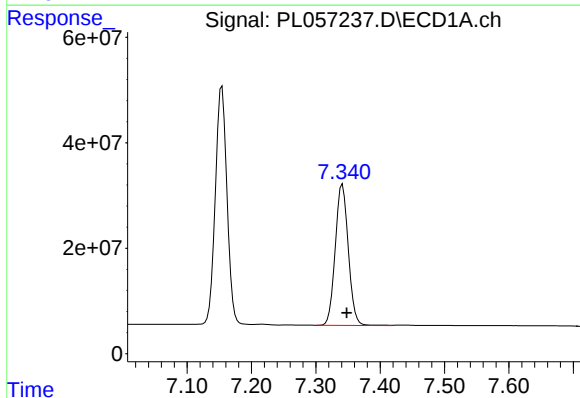
R.T.: 7.154 min  
Delta R.T.: -0.006 min  
Response: 565640319  
Conc: 50.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



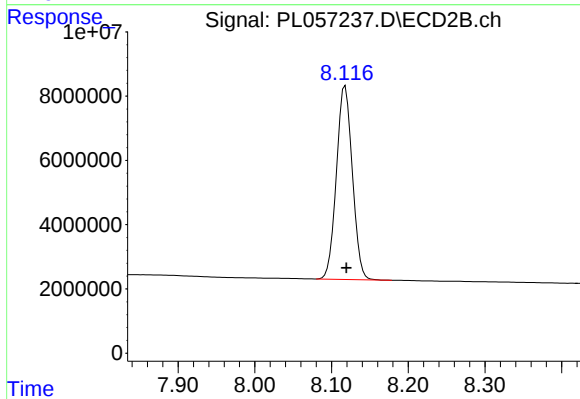
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: -0.002 min  
Response: 127419201  
Conc: 46.50 ng/ml



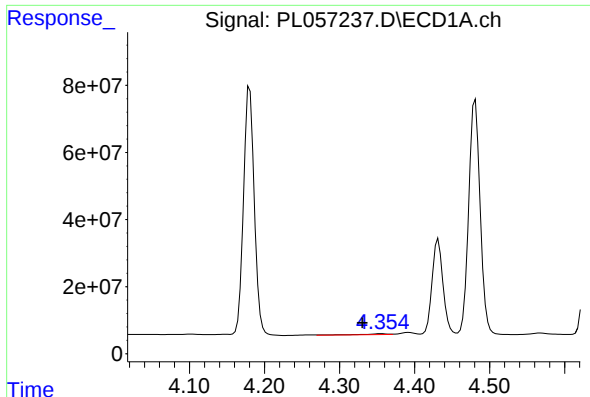
#22 Mirex

R.T.: 7.341 min  
Delta R.T.: -0.007 min  
Response: 376991849  
Conc: 46.52 ng/ml



#22 Mirex

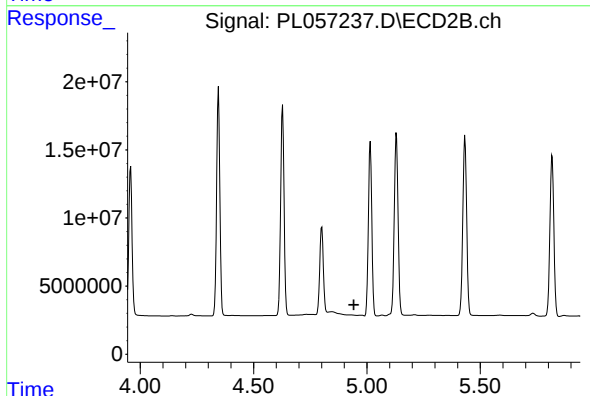
R.T.: 8.118 min  
Delta R.T.: -0.002 min  
Response: 86948033  
Conc: 45.35 ng/ml



#23 Chlordane-1

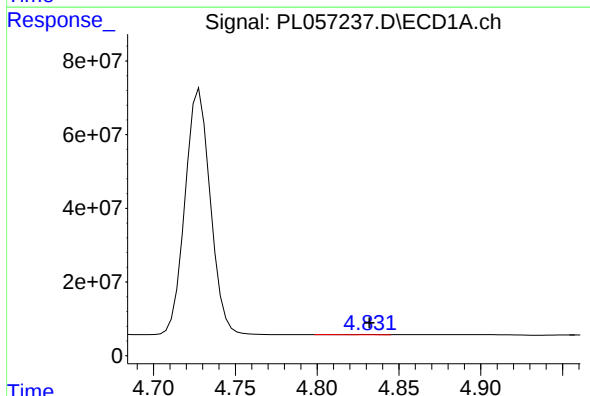
R.T.: 4.356 min  
Delta R.T.: 0.025 min  
Response: 4813060  
Conc: 15.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



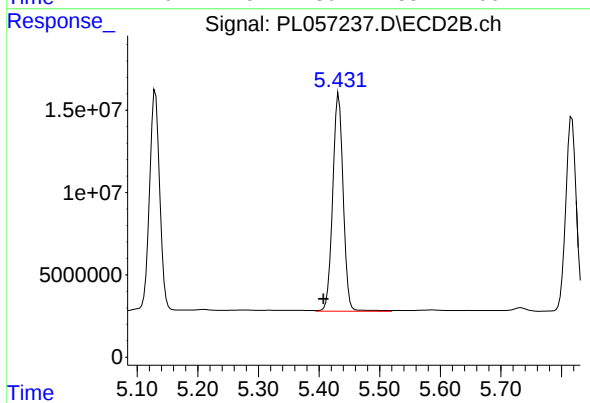
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.942 min  
Response: 0  
Conc: N.D.



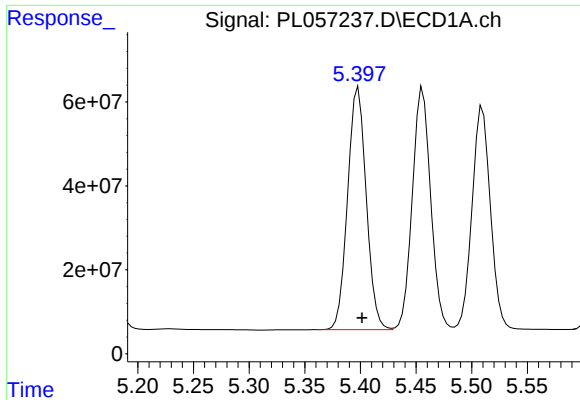
#24 Chlordane-2

R.T.: 4.831 min  
Delta R.T.: 0.000 min  
Response: 1186908  
Conc: 3.37 ng/ml



#24 Chlordane-2

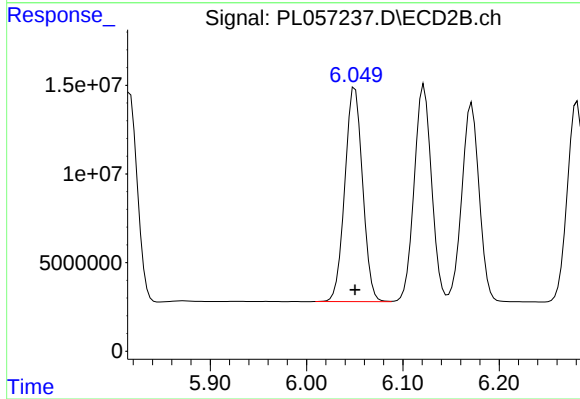
R.T.: 5.433 min  
Delta R.T.: 0.025 min  
Response: 159429621  
Conc: 1670.22 ng/ml



#25 Chlordane-3

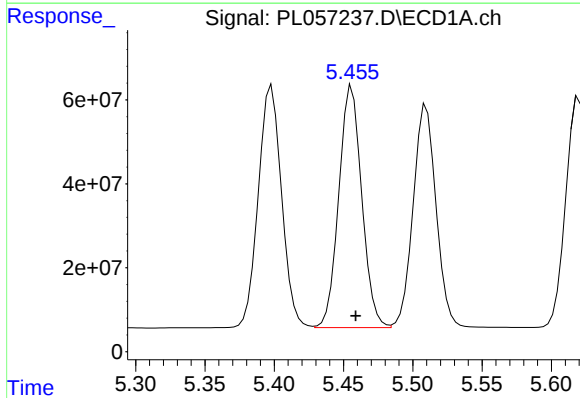
R.T.: 5.398 min  
Delta R.T.: -0.003 min  
Response: 673652952  
Conc: 624.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



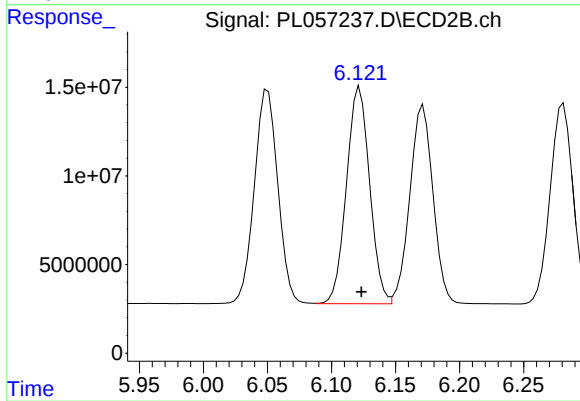
#25 Chlordane-3

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 153946286  
Conc: 406.20 ng/ml



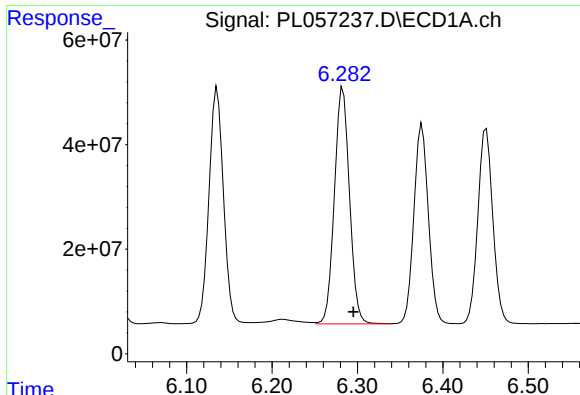
#26 Chlordane-4

R.T.: 5.456 min  
Delta R.T.: -0.003 min  
Response: 664929280  
Conc: 723.54 ng/ml



#26 Chlordane-4

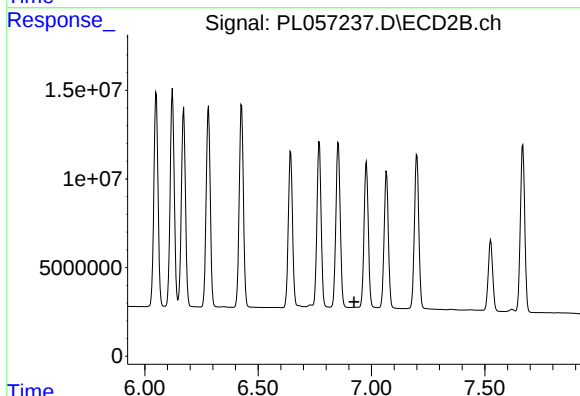
R.T.: 6.122 min  
Delta R.T.: -0.001 min  
Response: 153992252  
Conc: 335.83 ng/ml



#27 Chlordane-5

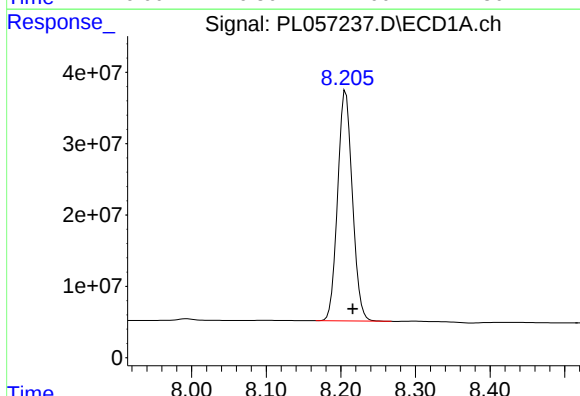
R.T.: 6.283 min  
Delta R.T.: -0.012 min  
Response: 555942012  
Conc: 1530.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



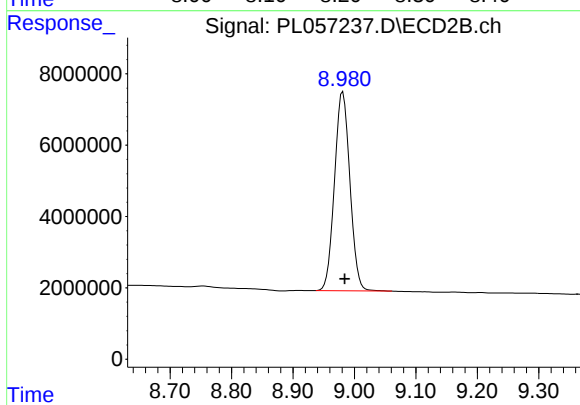
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: -0.009 min  
Response: 442883328  
Conc: 45.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: -0.003 min  
Response: 97297597  
Conc: 45.79 ng/ml