

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020921\  
 Data File : PL064692.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Feb 2021 13:28  
 Operator : AR\AJ  
 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: Feb 10 02:07:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 09 04:41:29 2021  
 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... | 3.426  | 4.102  | 150.6E6  | 119.0E6  | 53.544   | 55.093     |
| 28)                         | SA Decachlor... | 8.149  | 9.260  | 127.6E6  | 97868962 | 56.744   | 51.527     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.860  | 4.504  | 255.6E6  | 173.7E6  | 55.112   | 57.356     |
| 3)                          | MA gamma-BHC... | 4.140  | 4.796  | 233.2E6  | 161.5E6  | 53.941   | 56.841     |
| 4)                          | MA Heptachlor   | 4.437  | 5.308  | 223.9E6  | 161.4E6  | 54.618   | 54.477     |
| 5)                          | MB Aldrin       | 4.682  | 5.618  | 205.2E6  | 137.4E6  | 55.105   | 56.009     |
| 6)                          | B beta-BHC      | 4.391  | 4.976  | 93606498 | 75535626 | 54.767   | 58.321     |
| 7)                          | B delta-BHC     | 4.593  | 5.197  | 225.4E6  | 149.0E6  | 55.762   | 55.155     |
| 8)                          | B Heptachlo...  | 5.123  | 6.013  | 191.2E6  | 127.2E6  | 55.069   | 57.666     |
| 9)                          | A Endosulfan I  | 5.458  | 6.375  | 175.7E6  | 116.0E6  | 54.802   | 55.288     |
| 10)                         | B gamma-Chl...  | 5.348  | 6.248  | 191.4E6  | 127.1E6  | 54.594   | 55.006     |
| 11)                         | B alpha-Chl...  | 5.406  | 6.321  | 188.6E6  | 126.8E6  | 54.443   | 55.059     |
| 12)                         | B 4,4'-DDE      | 5.572  | 6.477  | 173.7E6  | 111.6E6  | 55.492   | 55.025     |
| 13)                         | MA Dieldrin     | 5.700  | 6.635  | 182.5E6  | 117.3E6  | 55.628   | 54.850     |
| 14)                         | MA Endrin       | 5.954  | 6.857  | 161.4E6  | 96375653 | 53.726   | 53.311     |
| 15)                         | B Endosulfa...  | 6.227  | 7.073  | 159.2E6  | 101.3E6  | 55.291   | 53.770     |
| 16)                         | A 4,4'-DDD      | 6.085  | 6.976  | 143.2E6  | 90442610 | 56.550   | 52.170     |
| 17)                         | MA 4,4'-DDT     | 6.324  | 7.275  | 128.6E6  | 82418136 | 57.029   | 54.057     |
| 18)                         | B Endrin al...  | 6.396  | 7.198  | 133.3E6  | 87678471 | 54.667   | 53.844     |
| 19)                         | B Endosulfa...  | 6.609  | 7.422  | 156.5E6  | 98121739 | 55.201   | 54.524     |
| 20)                         | A Methoxychlor  | 6.871  | 7.737  | 72806866 | 48380511 | 56.228   | 53.521     |
| 21)                         | B Endrin ke...  | 7.094  | 7.901  | 165.7E6  | 101.8E6  | 57.781   | 53.242     |
| 22)                         | Mirex           | 7.276  | 8.350  | 120.5E6  | 74752630 | 57.034   | 53.778     |
| 23)                         | Chlordane-1     | 4.313f | 0.000  | 2031004  | 0        | 17.866   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.618f | 0        | 137.4E6  | N.D.     | 1575.267 # |
| 25)                         | Chlordane-3     | 5.348  | 6.248  | 191.4E6  | 127.1E6  | 582.528  | 415.755 #  |
| 26)                         | Chlordane-4     | 5.406  | 6.321  | 188.6E6  | 126.8E6  | 685.328  | 342.146 #  |
| 27)                         | Chlordane-5     | 6.227  | 0.000  | 159.2E6  | 0        | 1573.544 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

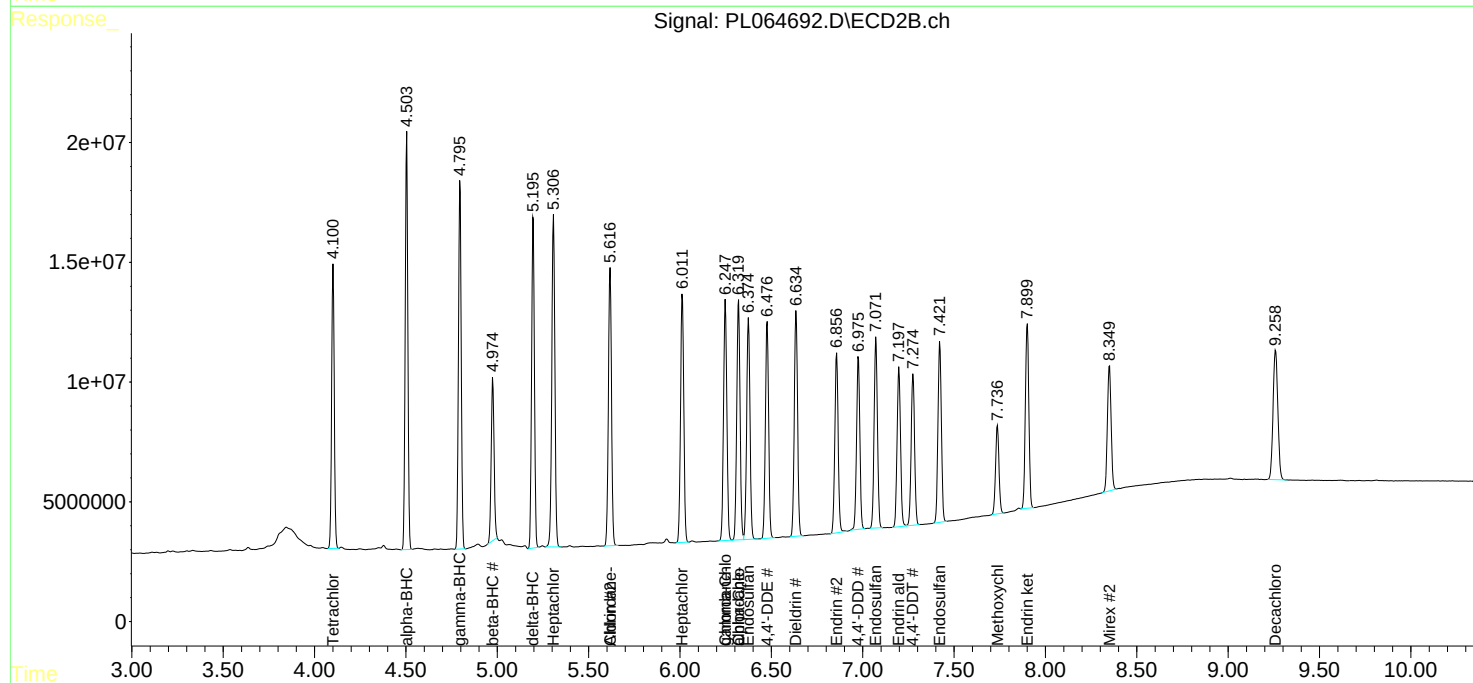
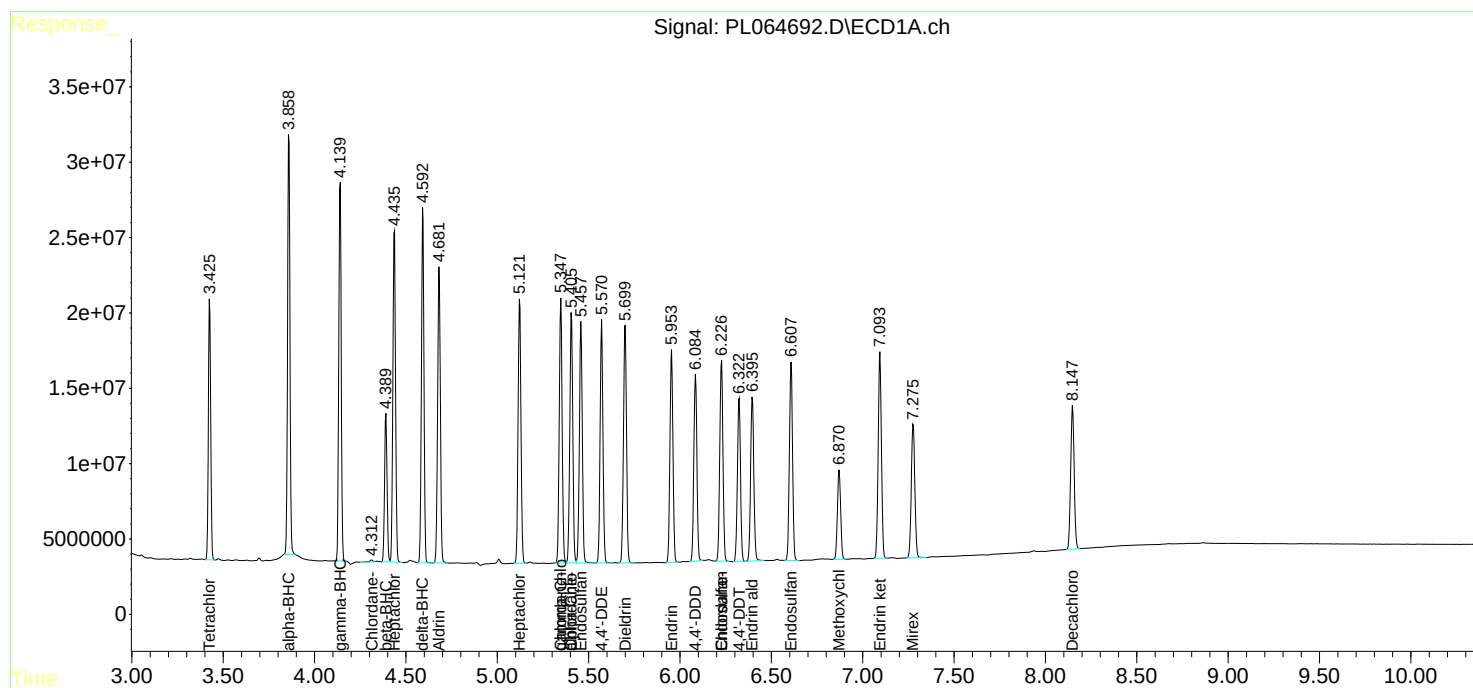
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

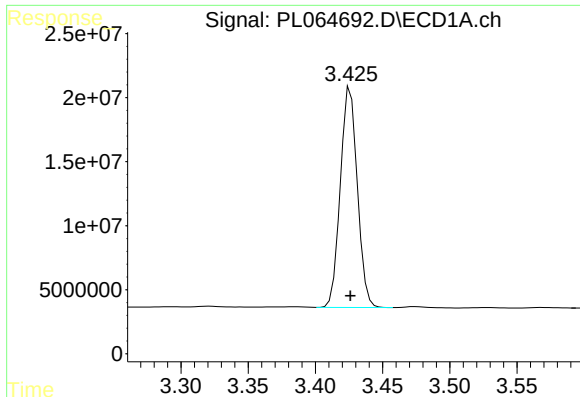
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020921\  
Data File : PL064692.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Feb 2021 13:28  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 10 02:07:53 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 09 04:41:29 2021  
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

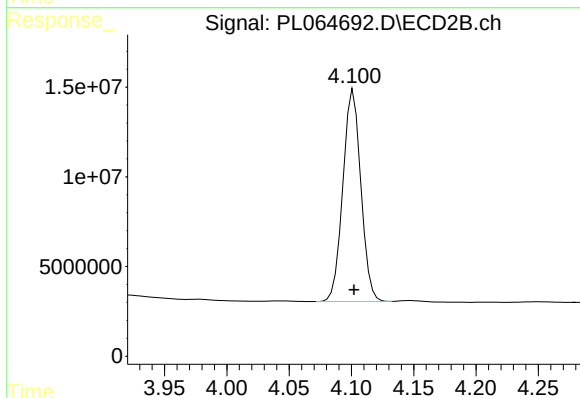




#1 Tetrachloro-m-xylene

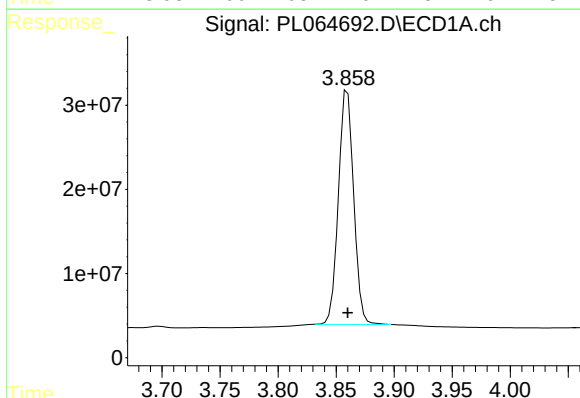
R.T.: 3.426 min  
Delta R.T.: 0.000 min  
Response: 150646214  
Conc: 53.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



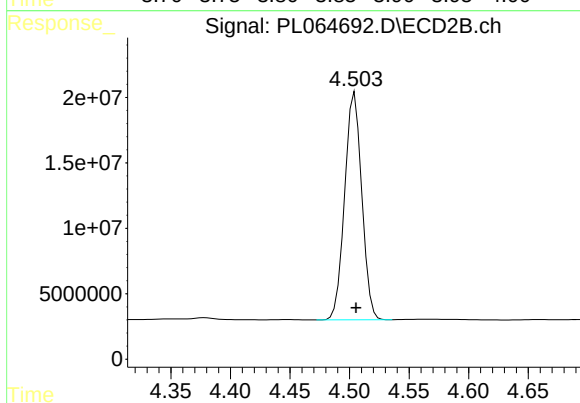
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.000 min  
Response: 119011158  
Conc: 55.09 ng/ml



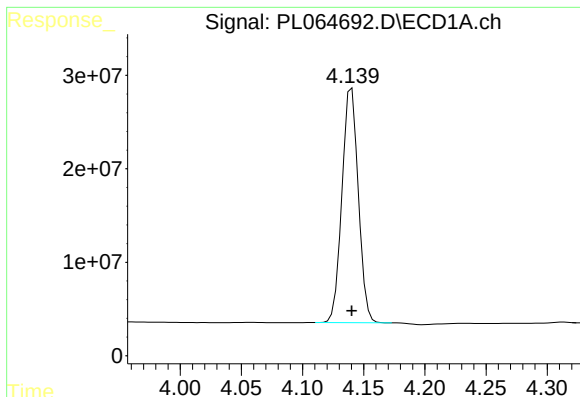
#2 alpha-BHC

R.T.: 3.860 min  
Delta R.T.: 0.000 min  
Response: 255585608  
Conc: 55.11 ng/ml



#2 alpha-BHC

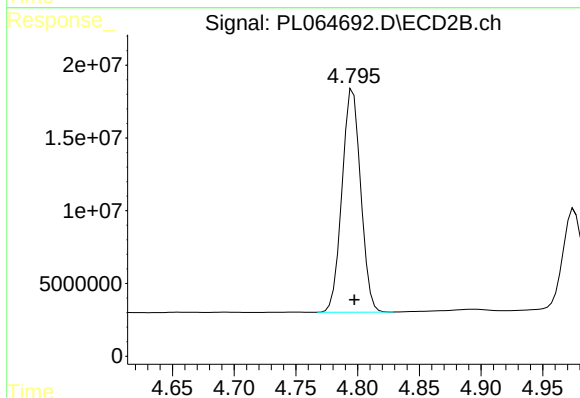
R.T.: 4.504 min  
Delta R.T.: 0.000 min  
Response: 173728300  
Conc: 57.36 ng/ml



#3 gamma-BHC (Lindane)

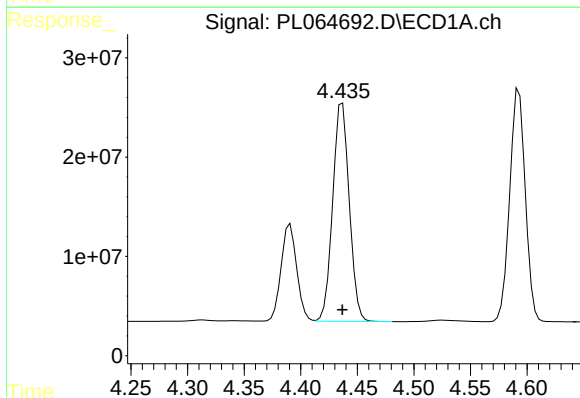
R.T.: 4.140 min  
Delta R.T.: 0.000 min  
Response: 233213182  
Conc: 53.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



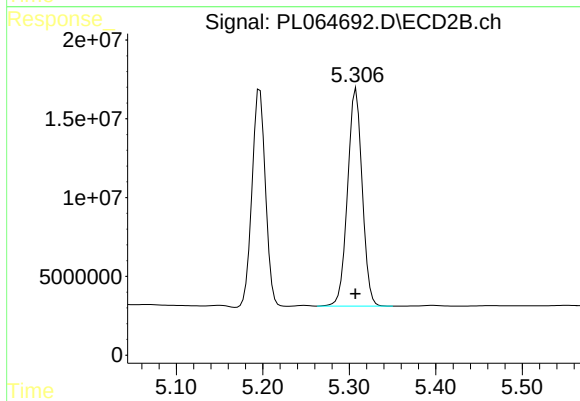
#3 gamma-BHC (Lindane)

R.T.: 4.796 min  
Delta R.T.: -0.001 min  
Response: 161455545  
Conc: 56.84 ng/ml



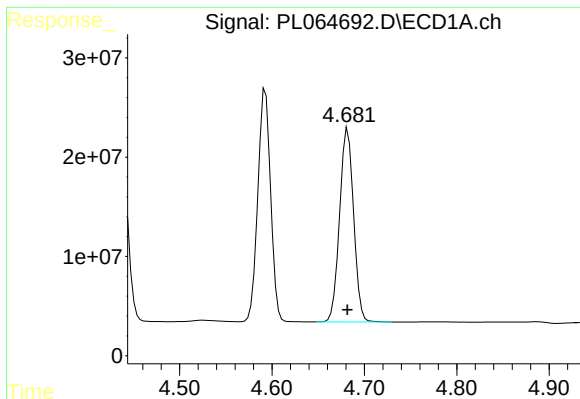
#4 Heptachlor

R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 223939666  
Conc: 54.62 ng/ml



#4 Heptachlor

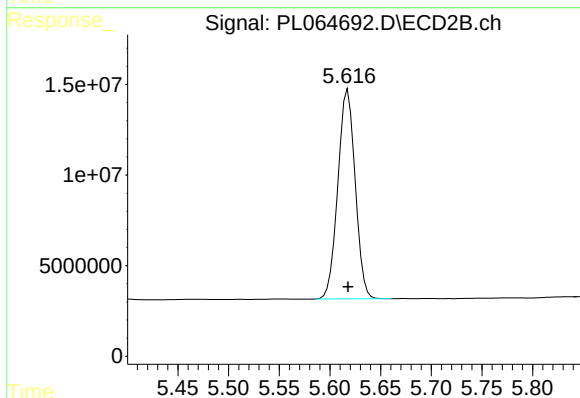
R.T.: 5.308 min  
Delta R.T.: 0.000 min  
Response: 161390017  
Conc: 54.48 ng/ml



#5 Aldrin

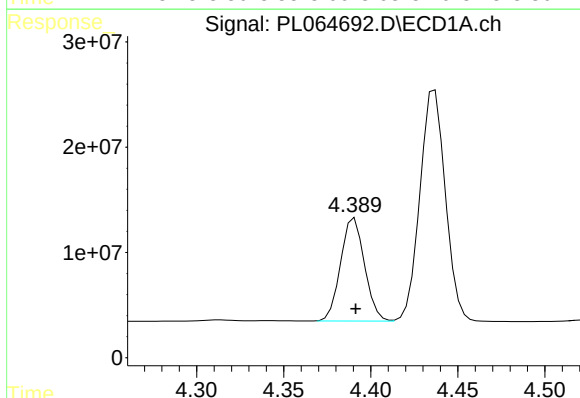
R.T.: 4.682 min  
Delta R.T.: 0.000 min  
Response: 205191841  
Conc: 55.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



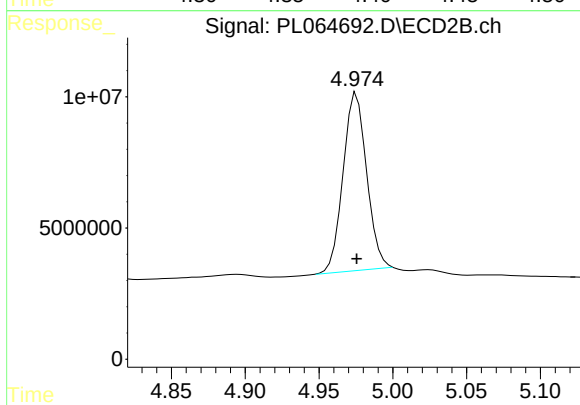
#5 Aldrin

R.T.: 5.618 min  
Delta R.T.: 0.000 min  
Response: 137354181  
Conc: 56.01 ng/ml



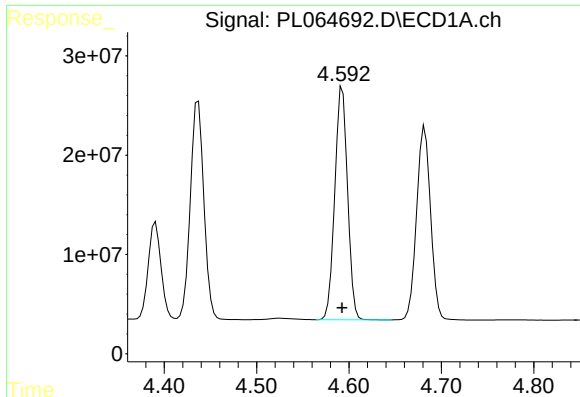
#6 beta-BHC

R.T.: 4.391 min  
Delta R.T.: 0.000 min  
Response: 93606498  
Conc: 54.77 ng/ml



#6 beta-BHC

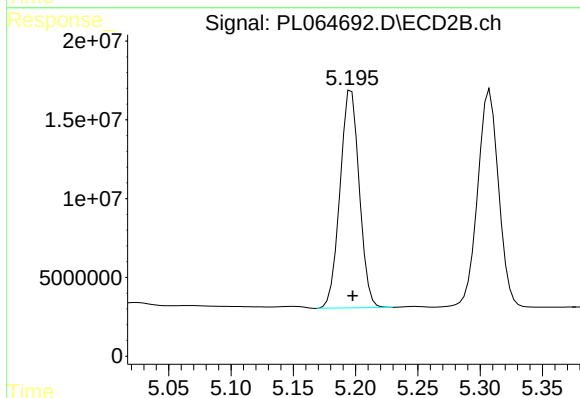
R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 75535626  
Conc: 58.32 ng/ml



#7 delta-BHC

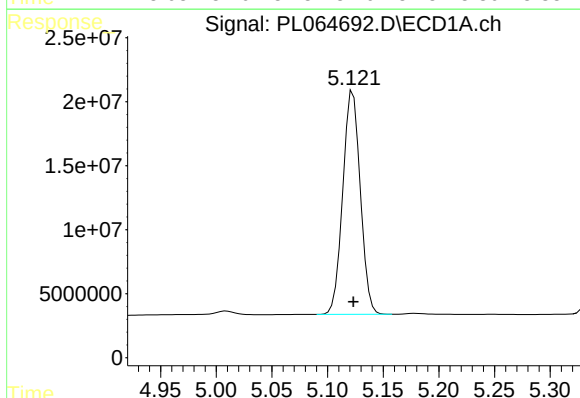
R.T.: 4.593 min  
Delta R.T.: 0.000 min  
Response: 225404291  
Conc: 55.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



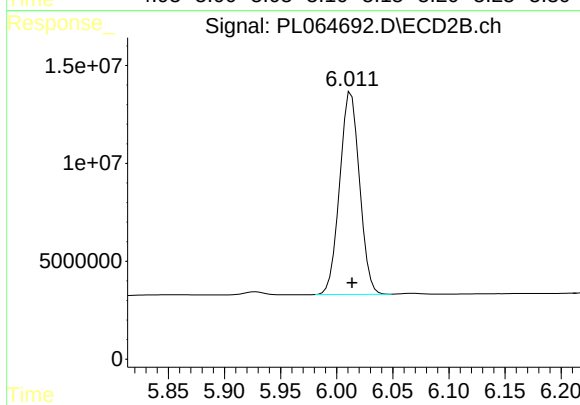
#7 delta-BHC

R.T.: 5.197 min  
Delta R.T.: -0.001 min  
Response: 149016421  
Conc: 55.16 ng/ml



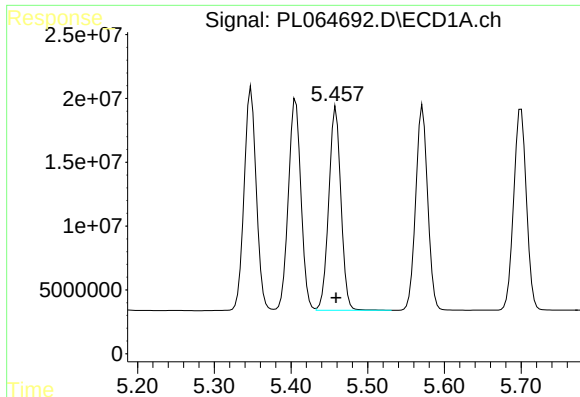
#8 Heptachlor epoxide

R.T.: 5.123 min  
Delta R.T.: 0.000 min  
Response: 191192654  
Conc: 55.07 ng/ml



#8 Heptachlor epoxide

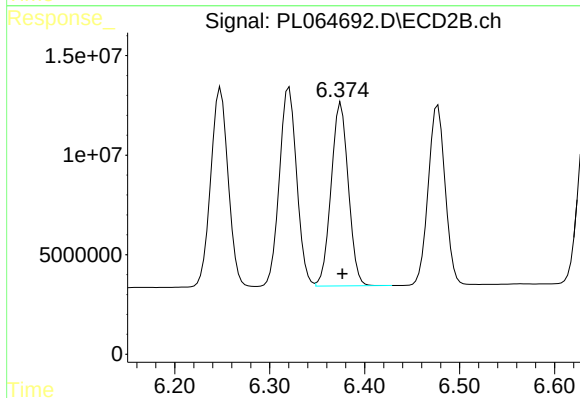
R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 127227481  
Conc: 57.67 ng/ml



#9 Endosulfan I

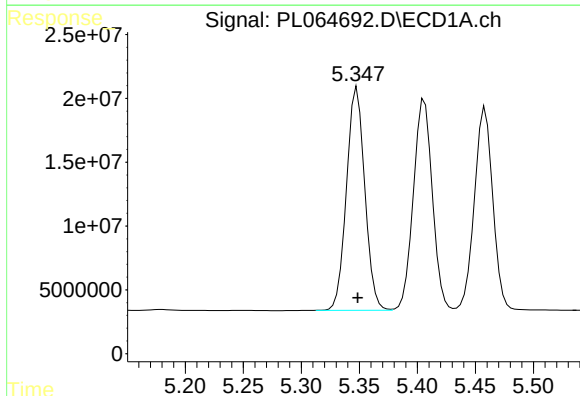
R.T.: 5.458 min  
Delta R.T.: 0.000 min  
Response: 175746193  
Conc: 54.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



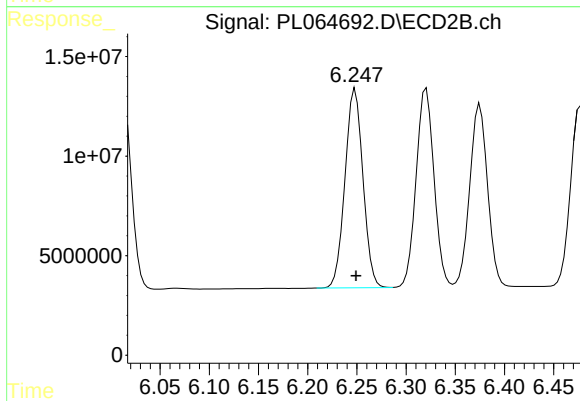
#9 Endosulfan I

R.T.: 6.375 min  
Delta R.T.: -0.001 min  
Response: 115964769  
Conc: 55.29 ng/ml



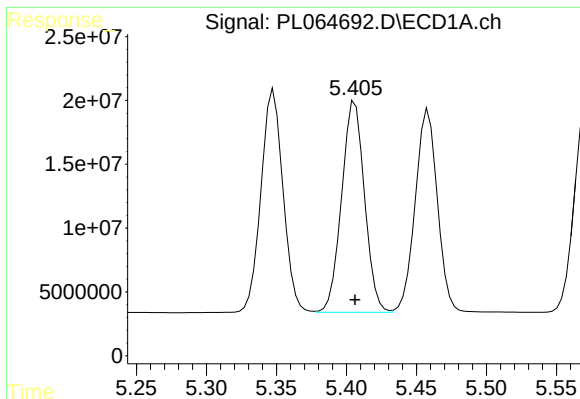
#10 gamma-Chlordane

R.T.: 5.348 min  
Delta R.T.: 0.000 min  
Response: 191427239  
Conc: 54.59 ng/ml



#10 gamma-Chlordane

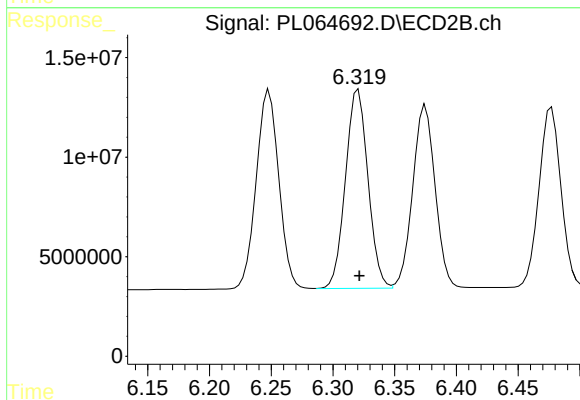
R.T.: 6.248 min  
Delta R.T.: 0.000 min  
Response: 127120480  
Conc: 55.01 ng/ml



#11 alpha-Chlordane

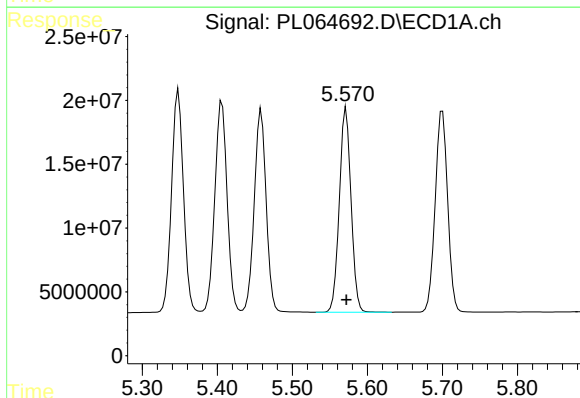
R.T.: 5.406 min  
Delta R.T.: 0.000 min  
Response: 188564863  
Conc: 54.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



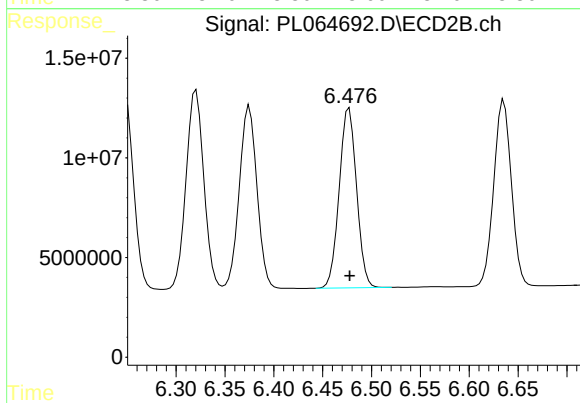
#11 alpha-Chlordane

R.T.: 6.321 min  
Delta R.T.: -0.001 min  
Response: 126757557  
Conc: 55.06 ng/ml



#12 4,4'-DDE

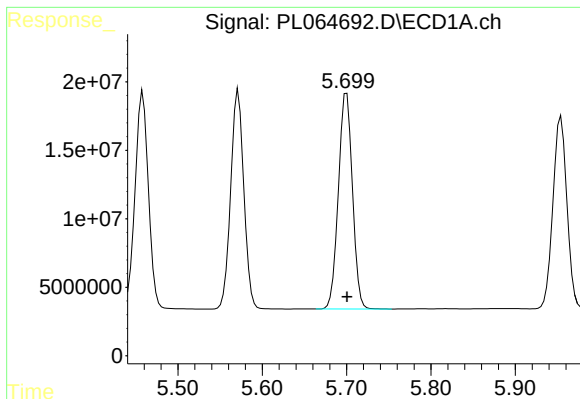
R.T.: 5.572 min  
Delta R.T.: 0.000 min  
Response: 173657863  
Conc: 55.49 ng/ml



#12 4,4'-DDE

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 111591918  
Conc: 55.03 ng/ml

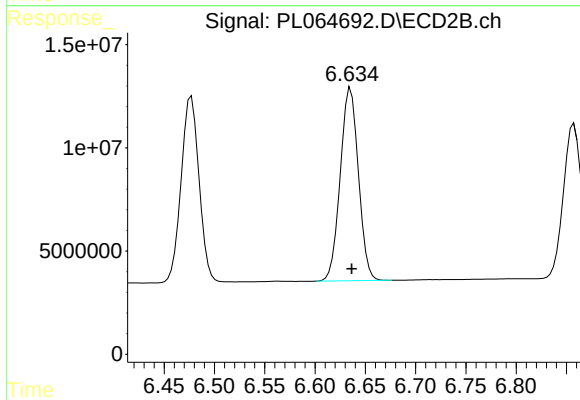




#13 Dieldrin

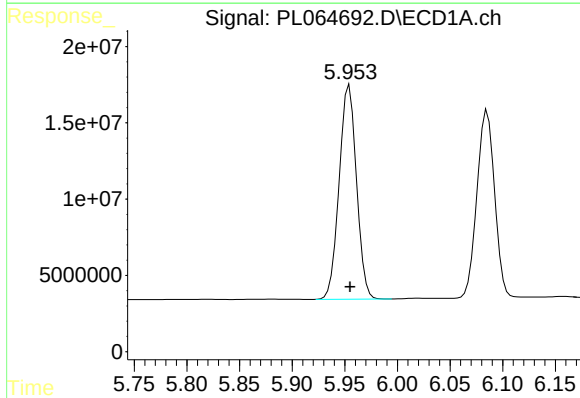
R.T.: 5.700 min  
Delta R.T.: 0.000 min  
Response: 182468320  
Conc: 55.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



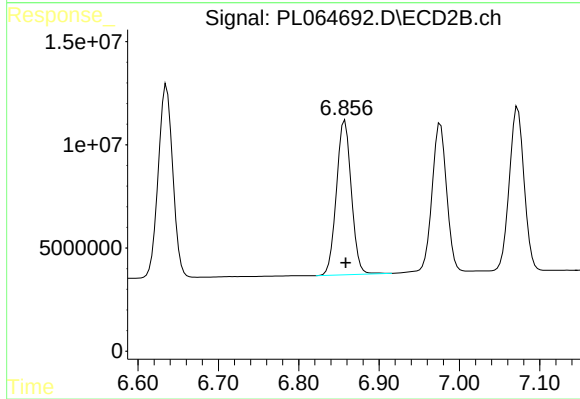
#13 Dieldrin

R.T.: 6.635 min  
Delta R.T.: -0.001 min  
Response: 117251028  
Conc: 54.85 ng/ml



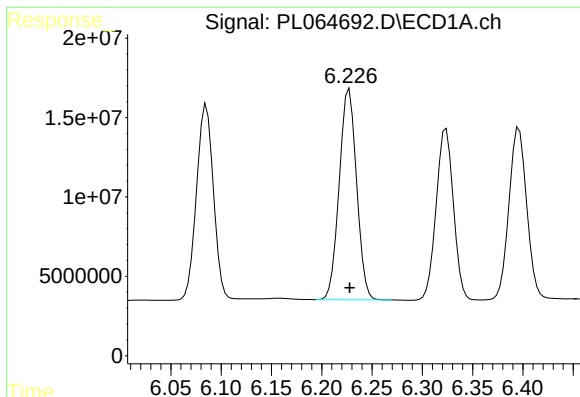
#14 Endrin

R.T.: 5.954 min  
Delta R.T.: 0.000 min  
Response: 161359094  
Conc: 53.73 ng/ml



#14 Endrin

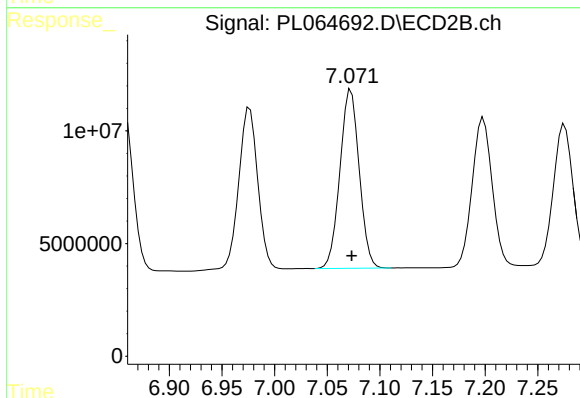
R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 96375653  
Conc: 53.31 ng/ml



#15 Endosulfan II

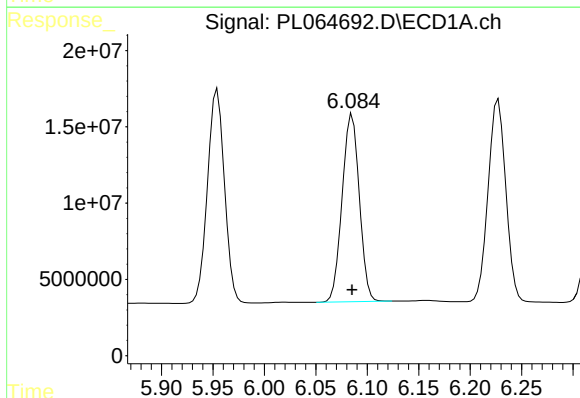
R.T.: 6.227 min  
Delta R.T.: 0.000 min  
Response: 159209099  
Conc: 55.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



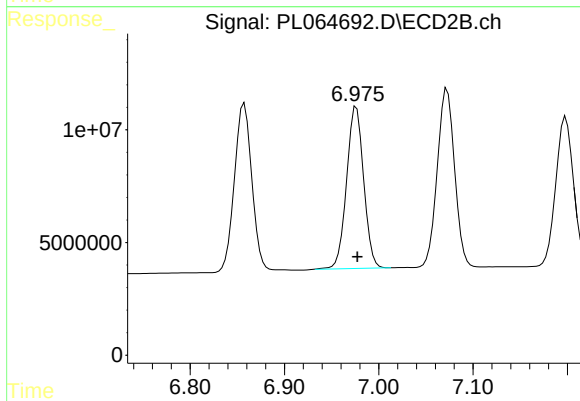
#15 Endosulfan II

R.T.: 7.073 min  
Delta R.T.: 0.000 min  
Response: 101321188  
Conc: 53.77 ng/ml



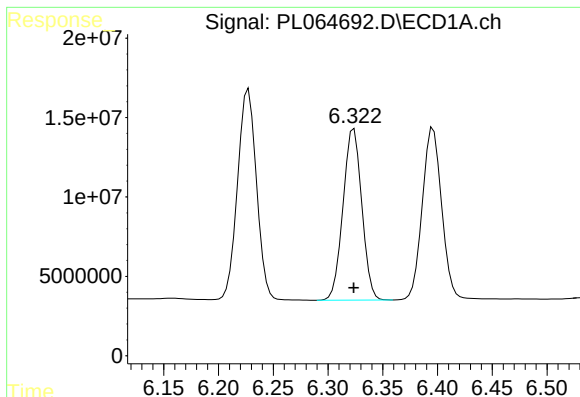
#16 4,4'-DDD

R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 143219798  
Conc: 56.55 ng/ml



#16 4,4'-DDD

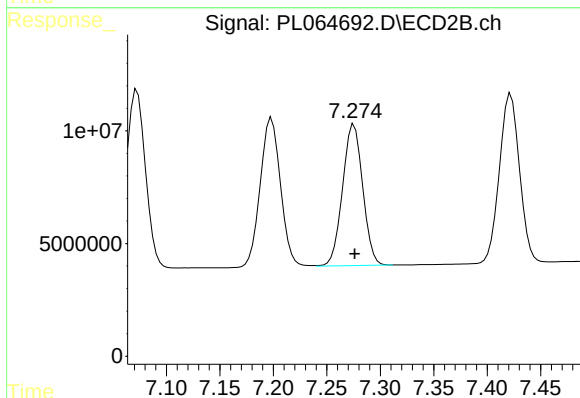
R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 90442610  
Conc: 52.17 ng/ml



#17 4,4'-DDT

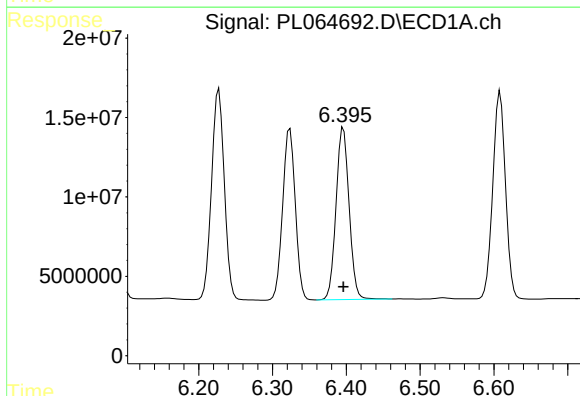
R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 128598605  
Conc: 57.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



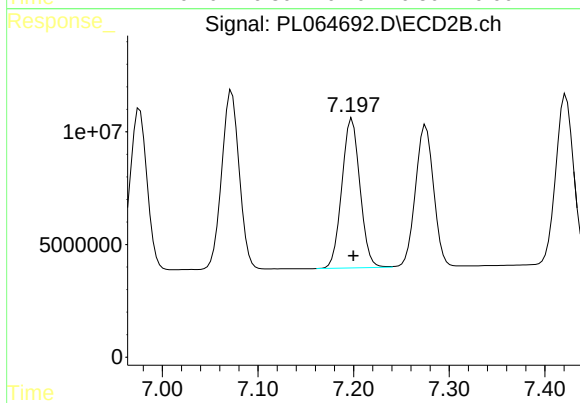
#17 4,4'-DDT

R.T.: 7.275 min  
Delta R.T.: 0.000 min  
Response: 82418136  
Conc: 54.06 ng/ml



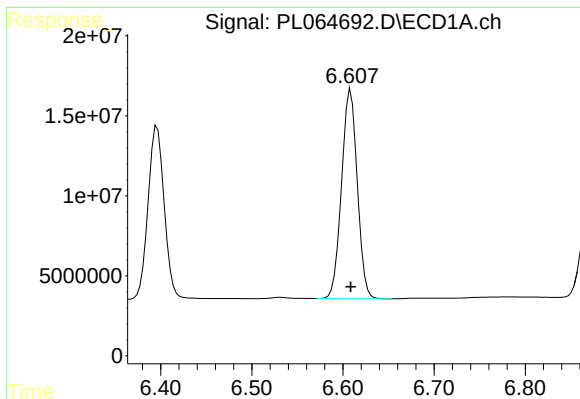
#18 Endrin aldehyde

R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 133288470  
Conc: 54.67 ng/ml



#18 Endrin aldehyde

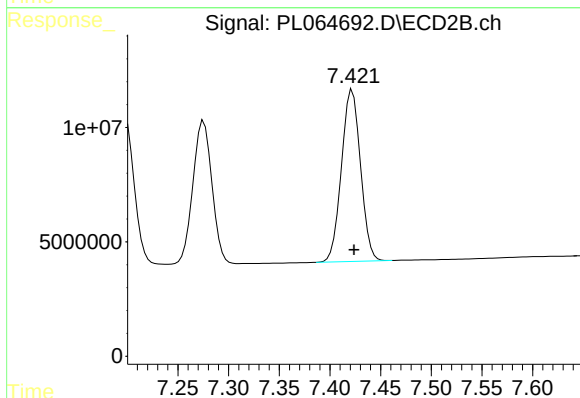
R.T.: 7.198 min  
Delta R.T.: -0.002 min  
Response: 87678471  
Conc: 53.84 ng/ml



#19 Endosulfan Sulfate

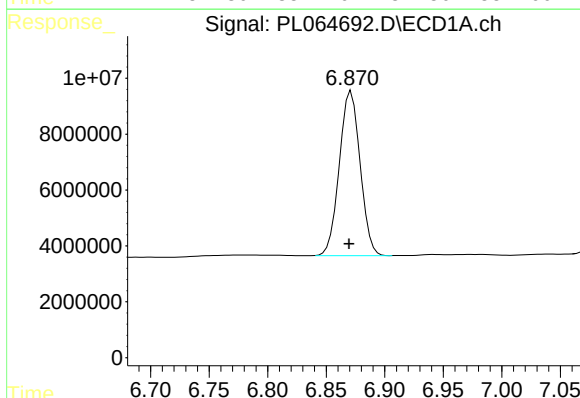
R.T.: 6.609 min  
Delta R.T.: 0.000 min  
Response: 156544040  
Conc: 55.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



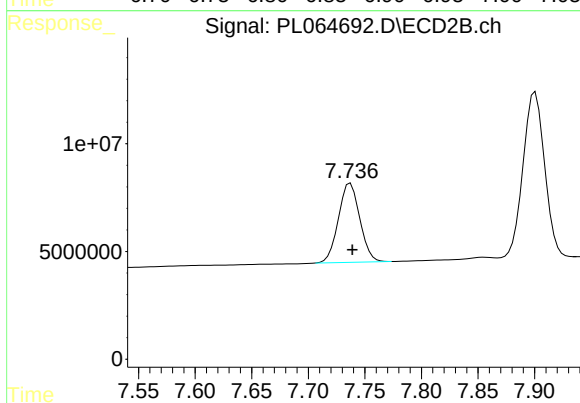
#19 Endosulfan Sulfate

R.T.: 7.422 min  
Delta R.T.: -0.002 min  
Response: 98121739  
Conc: 54.52 ng/ml



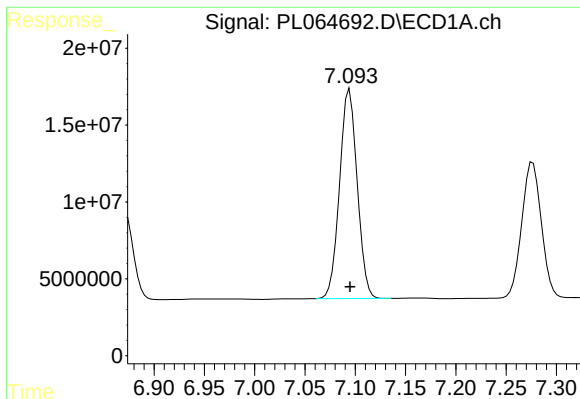
#20 Methoxychlor

R.T.: 6.871 min  
Delta R.T.: 0.002 min  
Response: 72806866  
Conc: 56.23 ng/ml



#20 Methoxychlor

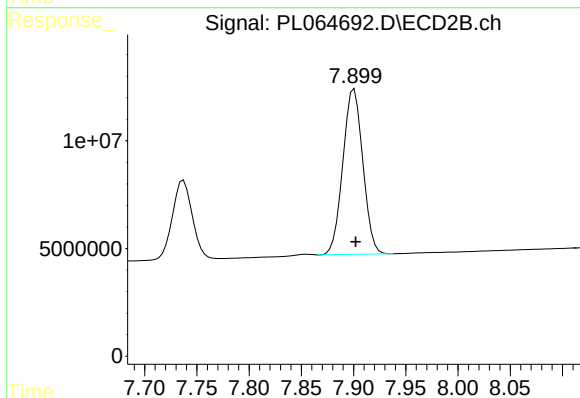
R.T.: 7.737 min  
Delta R.T.: -0.002 min  
Response: 48380511  
Conc: 53.52 ng/ml



#21 Endrin ketone

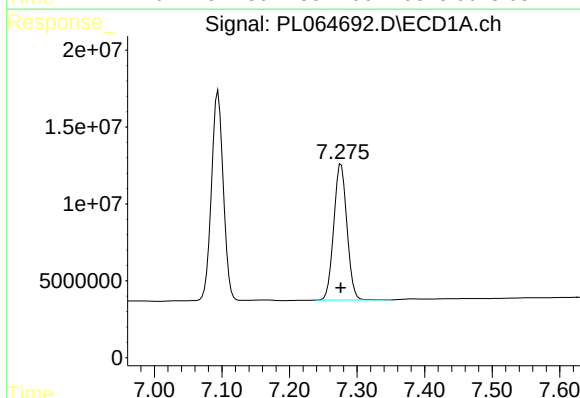
R.T.: 7.094 min  
Delta R.T.: 0.000 min  
Response: 165719865  
Conc: 57.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



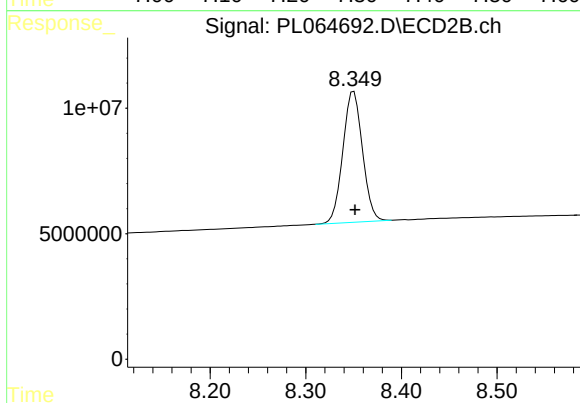
#21 Endrin ketone

R.T.: 7.901 min  
Delta R.T.: -0.001 min  
Response: 101781441  
Conc: 53.24 ng/ml



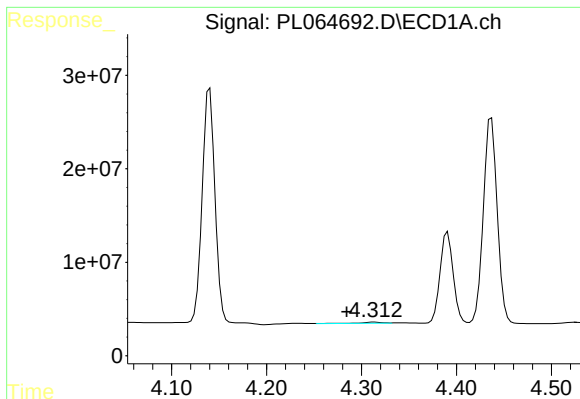
#22 Mirex

R.T.: 7.276 min  
Delta R.T.: 0.000 min  
Response: 120510459  
Conc: 57.03 ng/ml



#22 Mirex

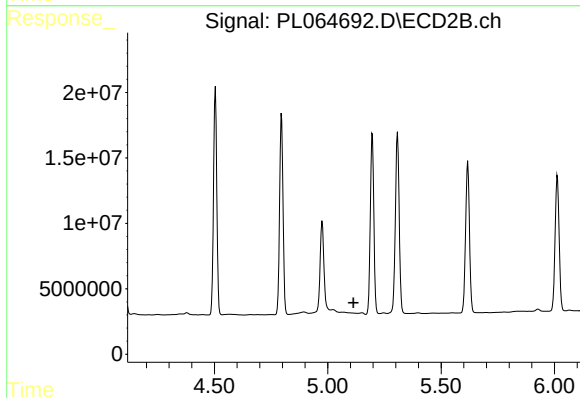
R.T.: 8.350 min  
Delta R.T.: -0.001 min  
Response: 74752630  
Conc: 53.78 ng/ml



#23 Chlordane-1

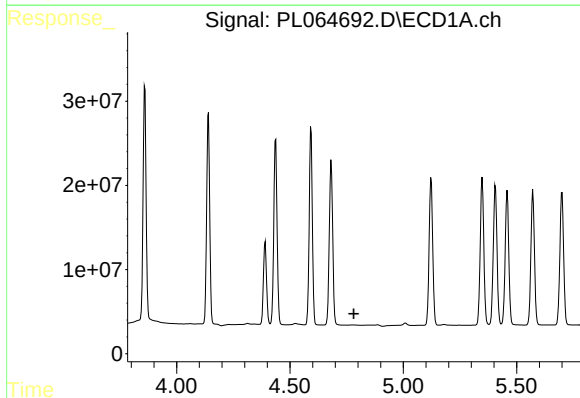
R.T.: 4.313 min  
Delta R.T.: 0.029 min  
Response: 2031004  
Conc: 17.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



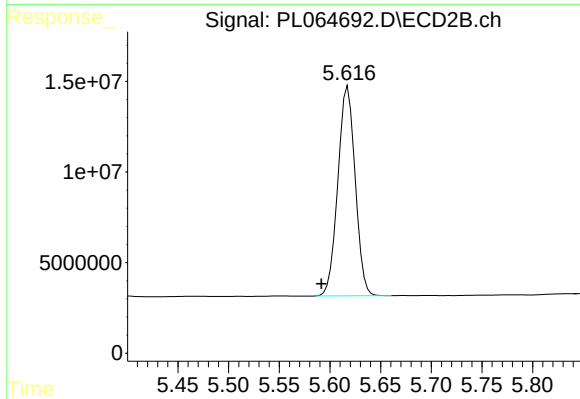
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.114 min  
Response: 0  
Conc: N.D.



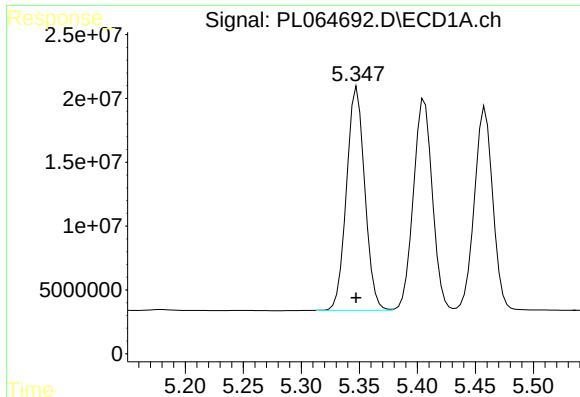
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.782 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

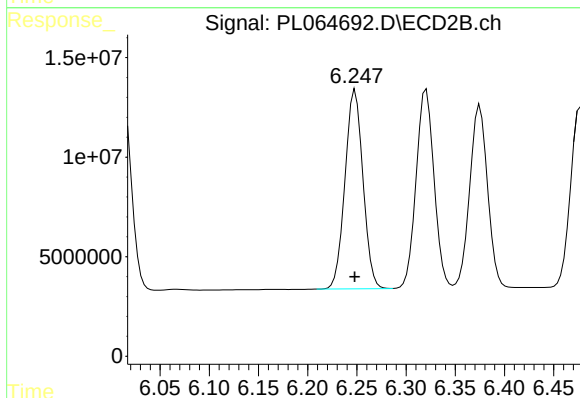
R.T.: 5.618 min  
Delta R.T.: 0.026 min  
Response: 137354181  
Conc: 1575.27 ng/ml



#25 Chlordane-3

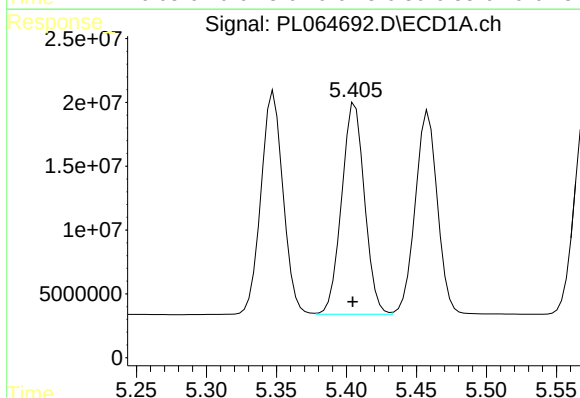
R.T.: 5.348 min  
Delta R.T.: 0.000 min  
Response: 191427239  
Conc: 582.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



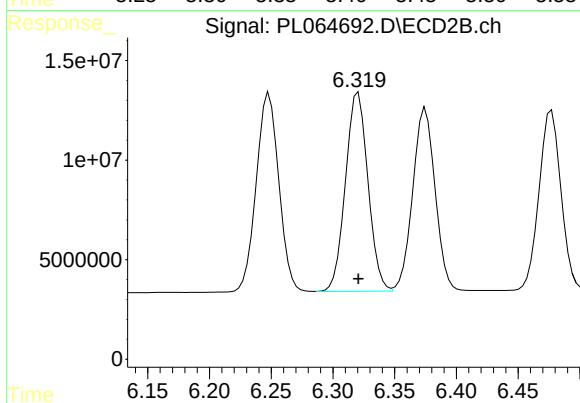
#25 Chlordane-3

R.T.: 6.248 min  
Delta R.T.: 0.000 min  
Response: 127120480  
Conc: 415.75 ng/ml



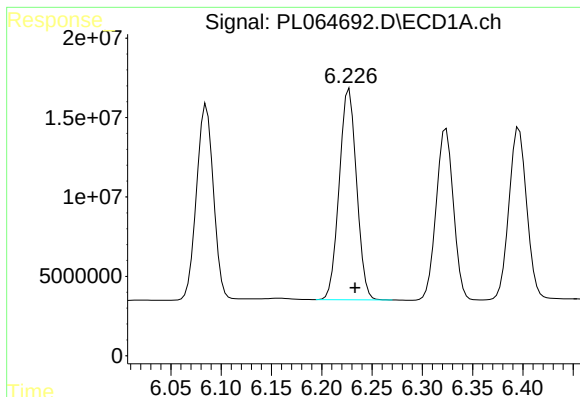
#26 Chlordane-4

R.T.: 5.406 min  
Delta R.T.: 0.002 min  
Response: 188564863  
Conc: 685.33 ng/ml



#26 Chlordane-4

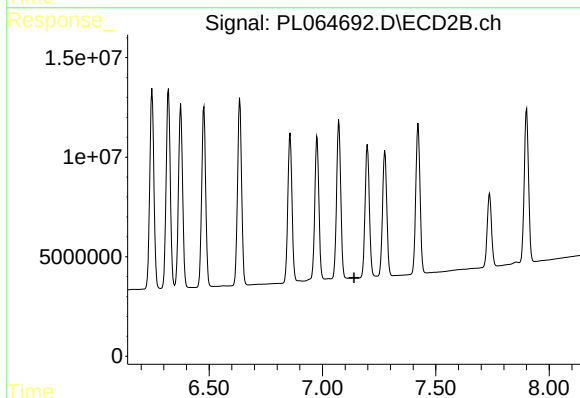
R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 126757557  
Conc: 342.15 ng/ml



#27 Chlordane-5

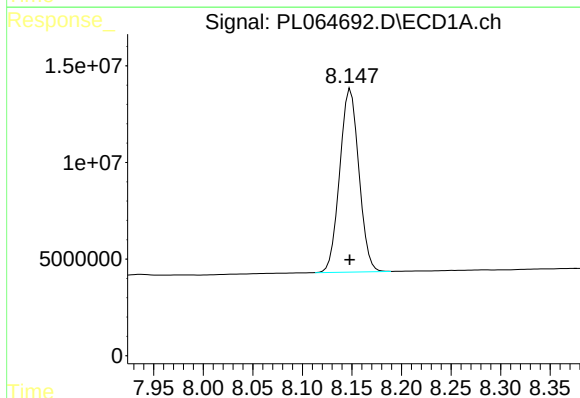
R.T.: 6.227 min  
Delta R.T.: -0.006 min  
Response: 159209099  
Conc: 1573.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



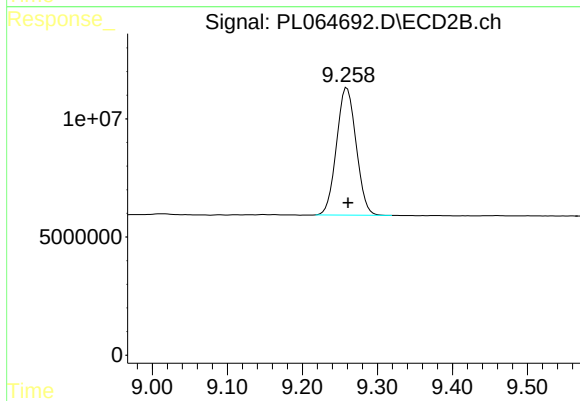
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.139 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.149 min  
Delta R.T.: 0.000 min  
Response: 127605562  
Conc: 56.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.260 min  
Delta R.T.: -0.001 min  
Response: 97868962  
Conc: 51.53 ng/ml