

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021021\  
 Data File : PL064749.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Feb 2021 09:53  
 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 13:14:05 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... | 3.433 | 4.102  | 153.3E6  | 122.2E6  | 54.495   | 56.547     |
| 28)                         | SA Decachlor... | 8.159 | 9.261  | 116.4E6  | 94465865 | 51.768   | 49.735     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.867 | 4.504  | 255.6E6  | 178.0E6  | 55.117   | 58.764     |
| 3)                          | MA gamma-BHC... | 4.148 | 4.797  | 222.2E6  | 169.1E6  | 51.391   | 59.516     |
| 4)                          | MA Heptachlor   | 4.445 | 5.308  | 217.0E6  | 155.6E6  | 52.933   | 52.537     |
| 5)                          | MB Aldrin       | 4.691 | 5.618  | 203.7E6  | 136.0E6  | 54.705   | 55.448     |
| 6)                          | B beta-BHC      | 4.400 | 4.975  | 93399742 | 69911521 | 54.646   | 53.678     |
| 7)                          | B delta-BHC     | 4.601 | 5.197  | 228.4E6  | 144.6E6  | 56.515   | 53.532     |
| 8)                          | B Heptachlo...  | 5.132 | 6.013  | 188.2E6  | 124.5E6  | 54.219   | 56.409     |
| 9)                          | A Endosulfan I  | 5.468 | 6.376  | 173.9E6  | 115.0E6  | 54.229   | 54.826     |
| 10)                         | B gamma-Chl...  | 5.358 | 6.249  | 189.2E6  | 125.6E6  | 53.969   | 54.349     |
| 11)                         | B alpha-Chl...  | 5.416 | 6.321  | 187.3E6  | 125.4E6  | 54.078   | 54.462     |
| 12)                         | B 4,4'-DDE      | 5.582 | 6.478  | 170.7E6  | 109.4E6  | 54.542   | 53.956     |
| 13)                         | MA Dieldrin     | 5.709 | 6.636  | 179.9E6  | 114.5E6  | 54.850   | 53.542     |
| 14)                         | MA Endrin       | 5.964 | 6.857  | 148.5E6  | 86328006 | 49.439   | 47.753     |
| 15)                         | B Endosulfa...  | 6.238 | 7.073  | 156.9E6  | 100.1E6  | 54.490   | 53.123     |
| 16)                         | A 4,4'-DDD      | 6.096 | 6.977  | 138.6E6  | 89646587 | 54.731   | 51.711     |
| 17)                         | MA 4,4'-DDT     | 6.334 | 7.276  | 117.7E6  | 78109851 | 52.215   | 51.231     |
| 18)                         | B Endrin al...  | 6.406 | 7.198  | 130.5E6  | 85798877 | 53.522   | 52.690     |
| 19)                         | B Endosulfa...  | 6.619 | 7.422  | 153.3E6  | 95455792 | 54.063   | 53.043     |
| 20)                         | A Methoxychlor  | 6.882 | 7.737  | 66510299 | 45837410 | 51.365   | 50.708     |
| 21)                         | B Endrin ke...  | 7.105 | 7.901  | 163.9E6  | 104.1E6  | 57.131   | 54.478     |
| 22)                         | Mirex           | 7.286 | 8.351  | 114.9E6  | 74689640 | 54.397   | 53.733     |
| 24)                         | Chlordane-2     | 0.000 | 5.618f | 0        | 136.0E6  | N.D.     | 1559.482 # |
| 25)                         | Chlordane-3     | 5.358 | 6.249  | 189.2E6  | 125.6E6  | 575.866  | 410.785 #  |
| 26)                         | Chlordane-4     | 5.416 | 6.321  | 187.3E6  | 125.4E6  | 680.730  | 338.434 #  |
| 27)                         | Chlordane-5     | 6.238 | 0.000  | 156.9E6  | 0        | 1550.743 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

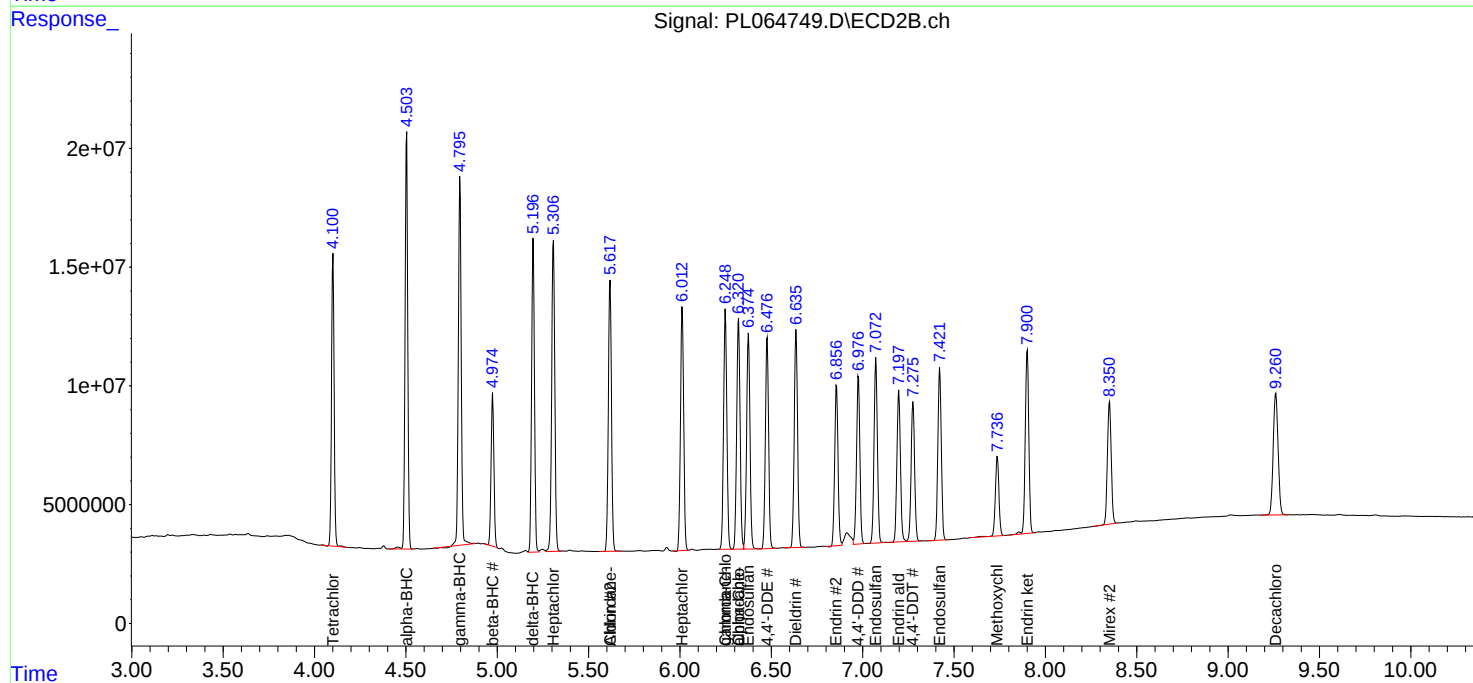
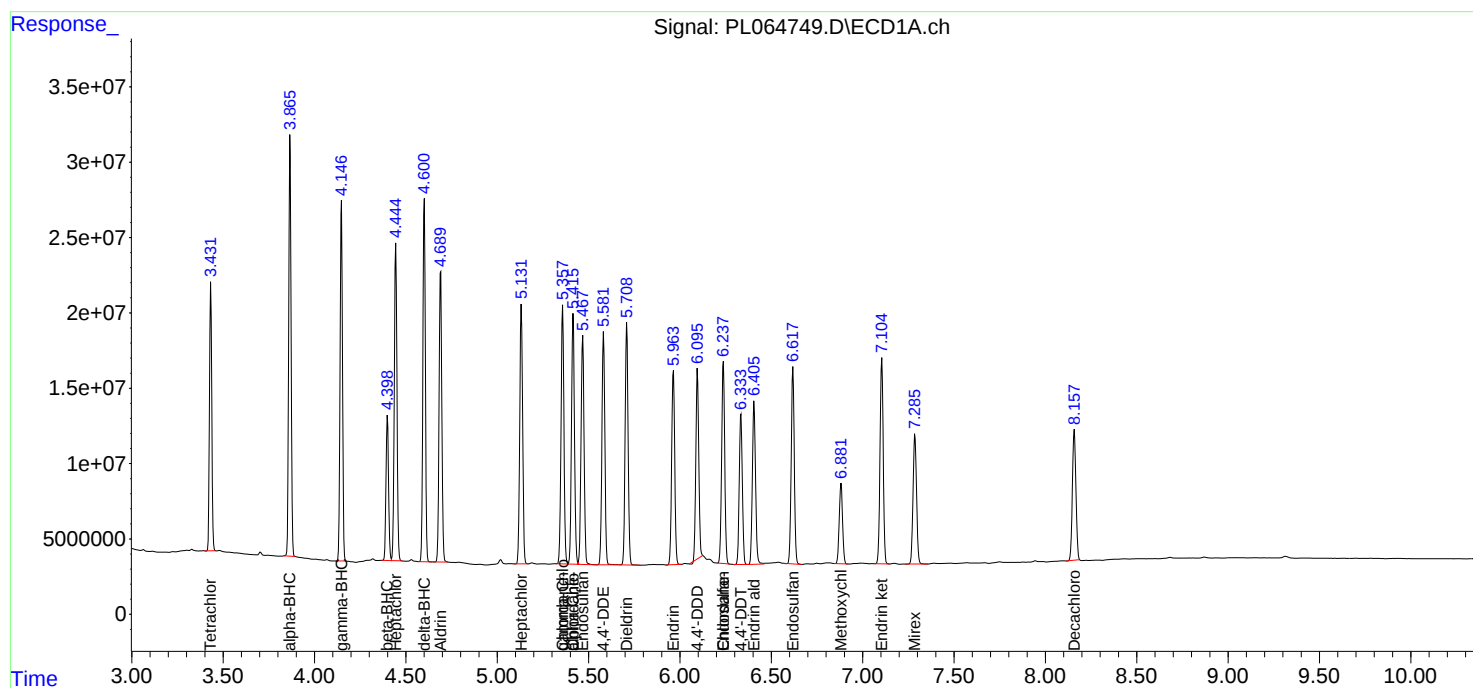
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

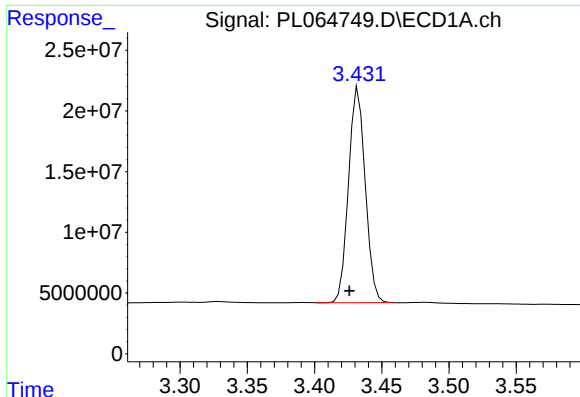
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021021\  
Data File : PL064749.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Feb 2021 09:53  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 10 13:14:05 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

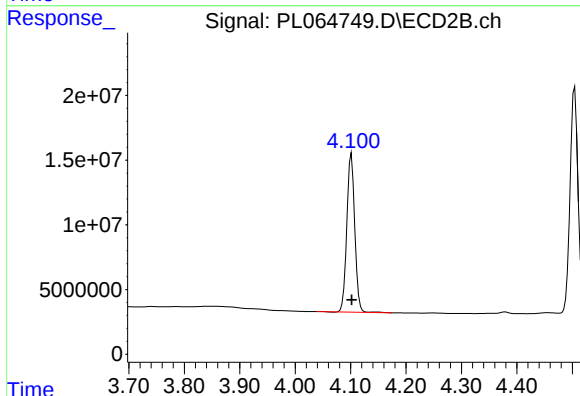




#1 Tetrachloro-m-xylene

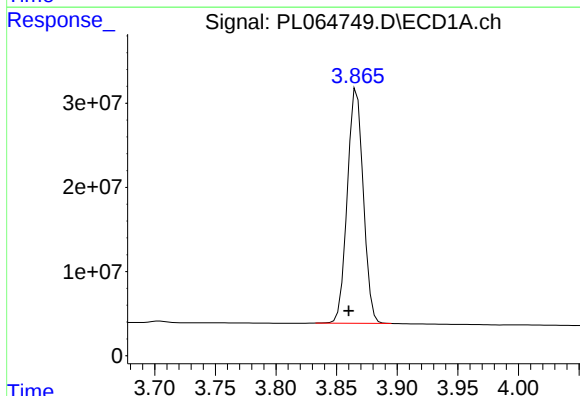
R.T.: 3.433 min  
Delta R.T.: 0.007 min  
Response: 153321790  
Conc: 54.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



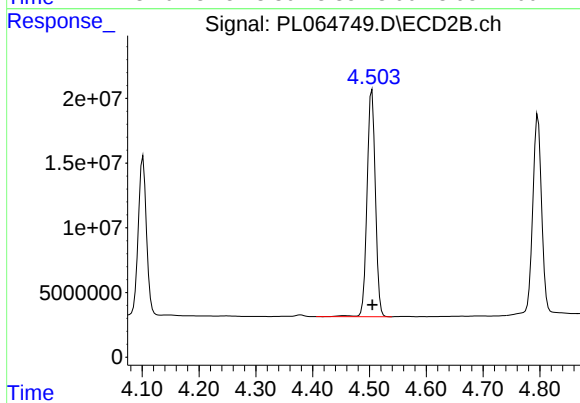
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.000 min  
Response: 122151925  
Conc: 56.55 ng/ml



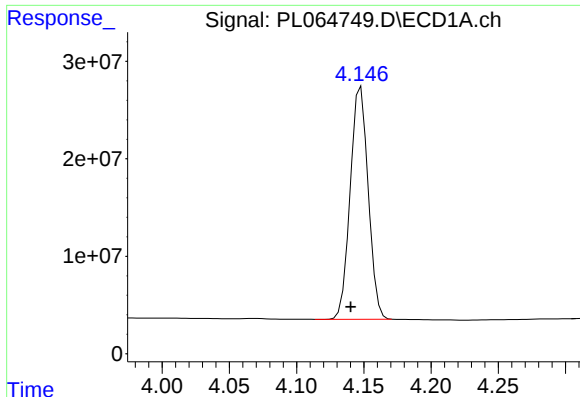
#2 alpha-BHC

R.T.: 3.867 min  
Delta R.T.: 0.007 min  
Response: 255606714  
Conc: 55.12 ng/ml



#2 alpha-BHC

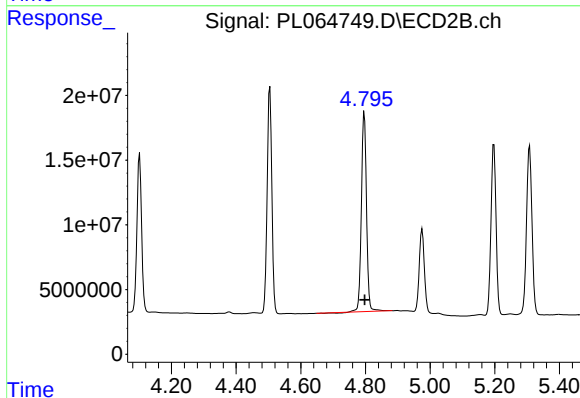
R.T.: 4.504 min  
Delta R.T.: 0.000 min  
Response: 177993633  
Conc: 58.76 ng/ml



#3 gamma-BHC (Lindane)

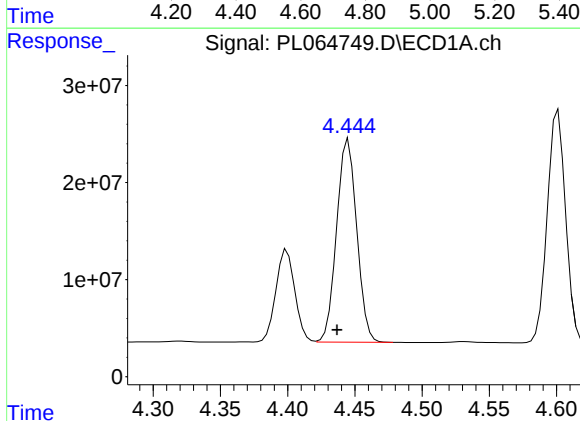
R.T.: 4.148 min  
Delta R.T.: 0.008 min  
Response: 222190809  
Conc: 51.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



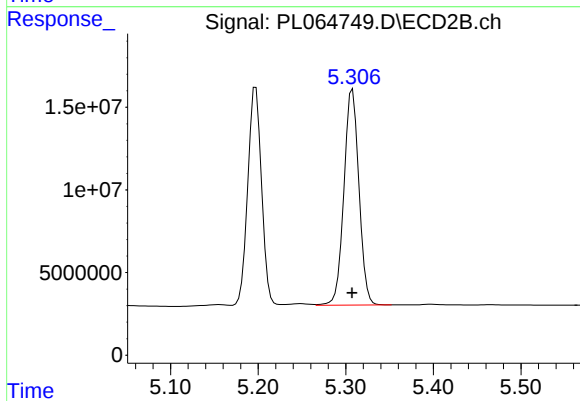
#3 gamma-BHC (Lindane)

R.T.: 4.797 min  
Delta R.T.: 0.000 min  
Response: 169053882  
Conc: 59.52 ng/ml



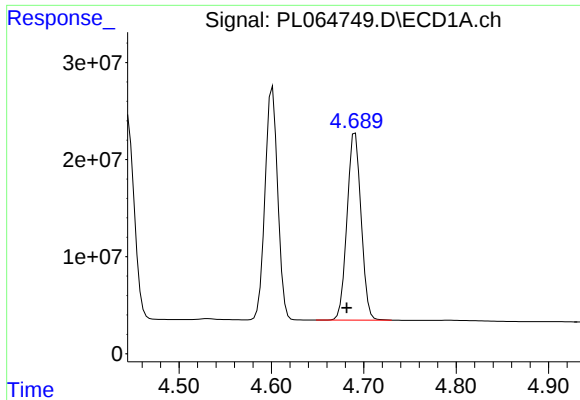
#4 Heptachlor

R.T.: 4.445 min  
Delta R.T.: 0.008 min  
Response: 217030594  
Conc: 52.93 ng/ml



#4 Heptachlor

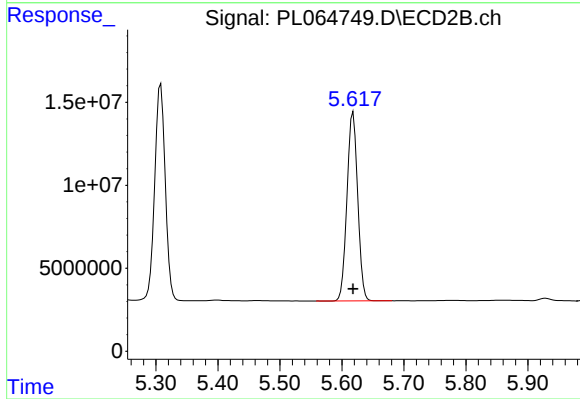
R.T.: 5.308 min  
Delta R.T.: 0.000 min  
Response: 155642974  
Conc: 52.54 ng/ml



#5 Aldrin

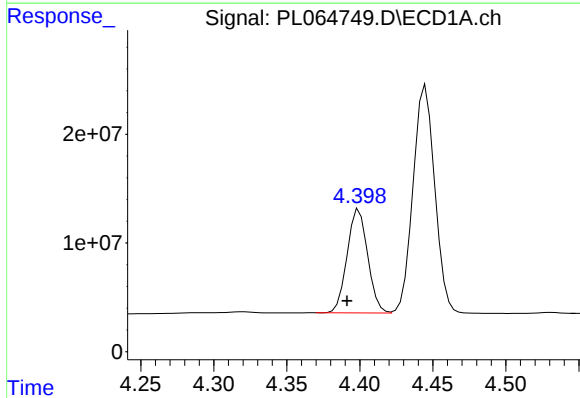
R.T.: 4.691 min  
Delta R.T.: 0.009 min  
Response: 203700726  
Conc: 54.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



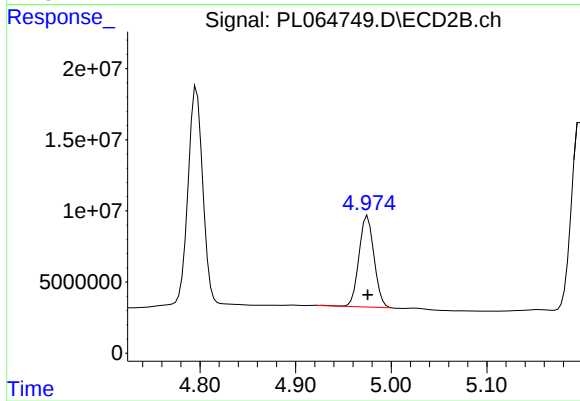
#5 Aldrin

R.T.: 5.618 min  
Delta R.T.: 0.000 min  
Response: 135977856  
Conc: 55.45 ng/ml



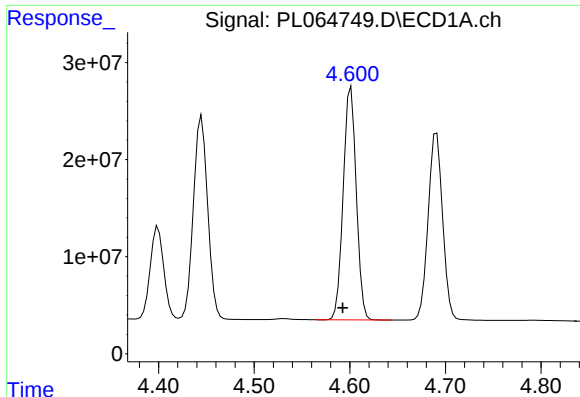
#6 beta-BHC

R.T.: 4.400 min  
Delta R.T.: 0.008 min  
Response: 93399742  
Conc: 54.65 ng/ml



#6 beta-BHC

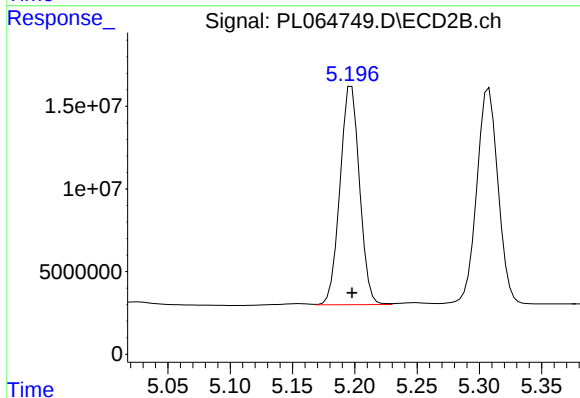
R.T.: 4.975 min  
Delta R.T.: 0.000 min  
Response: 69911521  
Conc: 53.68 ng/ml



#7 delta-BHC

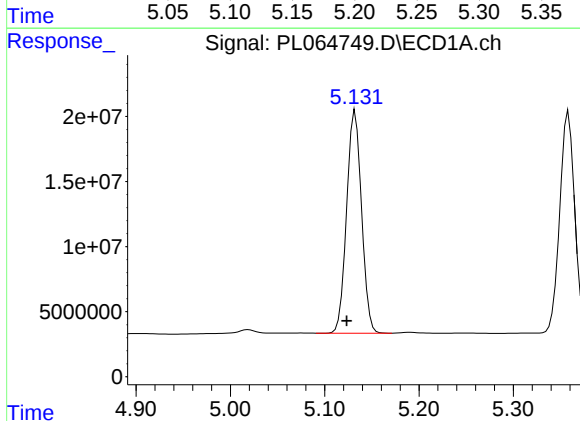
R.T.: 4.601 min  
Delta R.T.: 0.009 min  
Response: 228447827  
Conc: 56.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



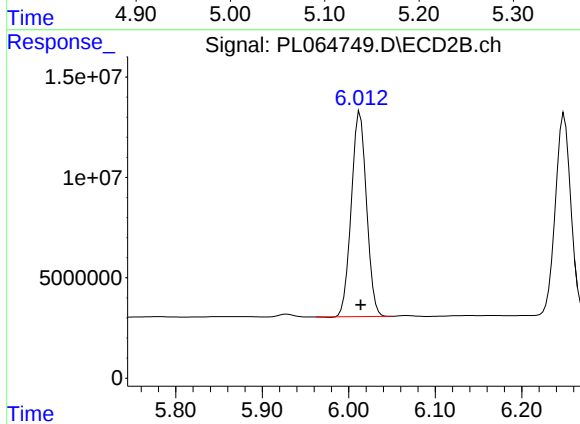
#7 delta-BHC

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 144631151  
Conc: 53.53 ng/ml



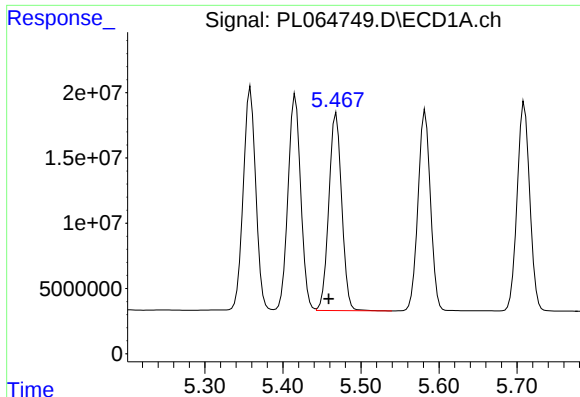
#8 Heptachlor epoxide

R.T.: 5.132 min  
Delta R.T.: 0.009 min  
Response: 188242864  
Conc: 54.22 ng/ml



#8 Heptachlor epoxide

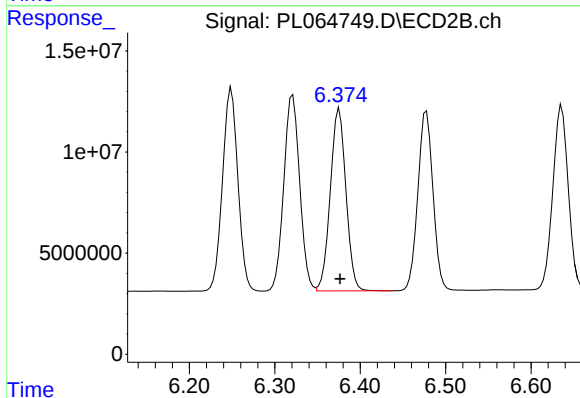
R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 124454654  
Conc: 56.41 ng/ml



#9 Endosulfan I

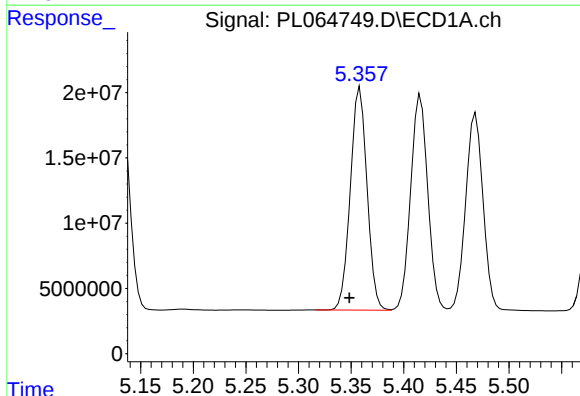
R.T.: 5.468 min  
Delta R.T.: 0.010 min  
Response: 173908137  
Conc: 54.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



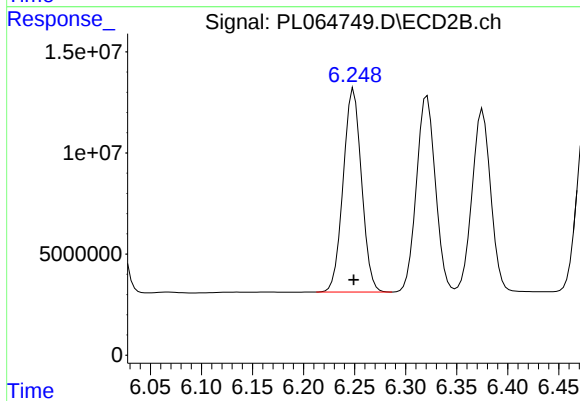
#9 Endosulfan I

R.T.: 6.376 min  
Delta R.T.: 0.000 min  
Response: 114994791  
Conc: 54.83 ng/ml



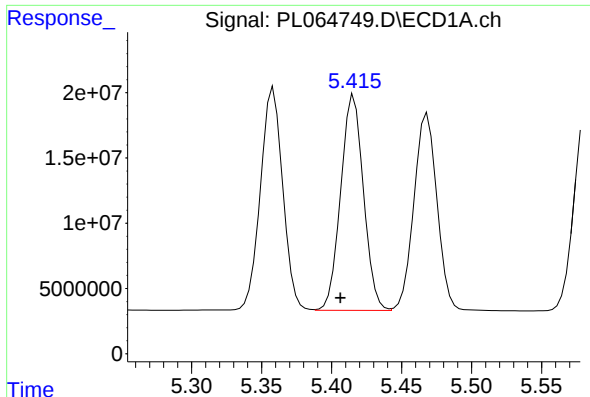
#10 gamma-Chlordane

R.T.: 5.358 min  
Delta R.T.: 0.010 min  
Response: 189238167  
Conc: 53.97 ng/ml



#10 gamma-Chlordane

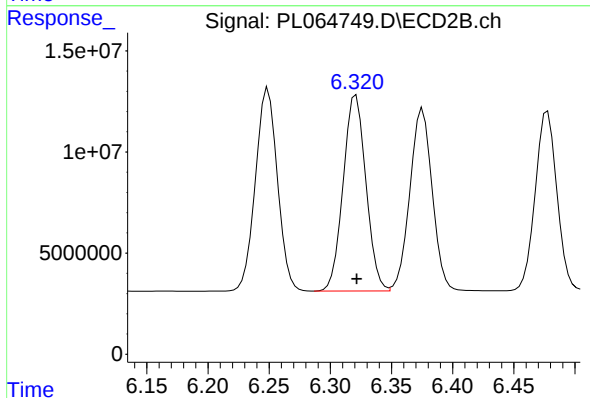
R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 125600903  
Conc: 54.35 ng/ml



#11 alpha-Chlordane

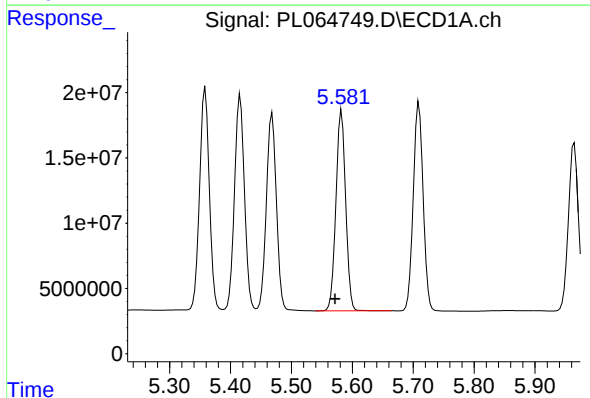
R.T.: 5.416 min  
Delta R.T.: 0.010 min  
Response: 187299739  
Conc: 54.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



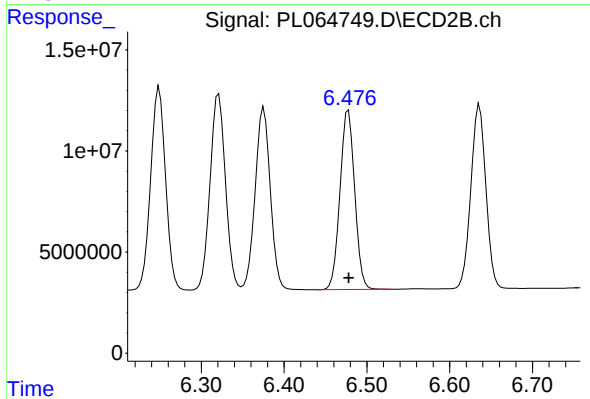
#11 alpha-Chlordane

R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 125382372  
Conc: 54.46 ng/ml



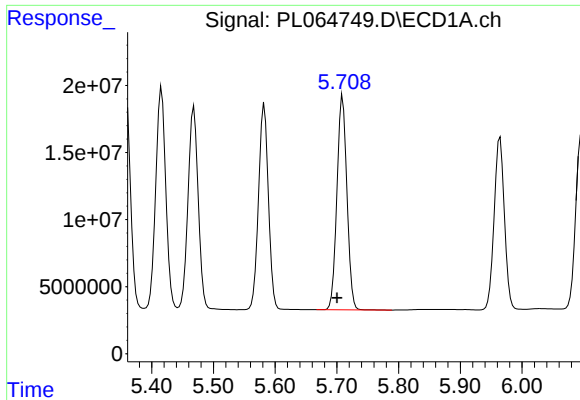
#12 4,4'-DDE

R.T.: 5.582 min  
Delta R.T.: 0.011 min  
Response: 170685226  
Conc: 54.54 ng/ml



#12 4,4'-DDE

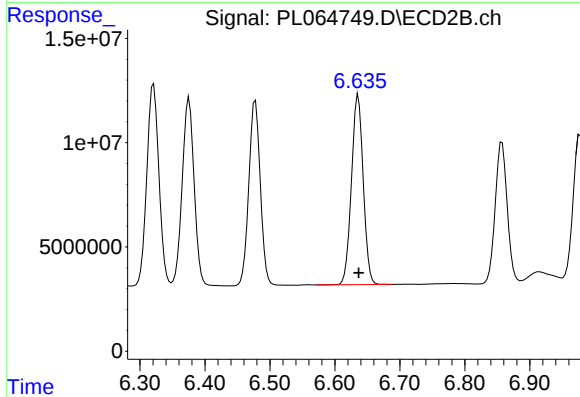
R.T.: 6.478 min  
Delta R.T.: 0.000 min  
Response: 109423943  
Conc: 53.96 ng/ml



#13 Dieldrin

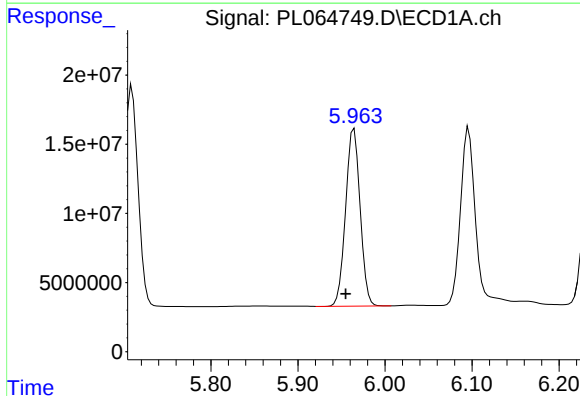
R.T.: 5.709 min  
Delta R.T.: 0.009 min  
Response: 179917345  
Conc: 54.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



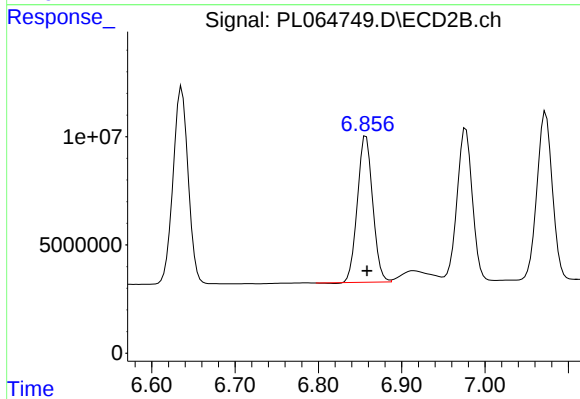
#13 Dieldrin

R.T.: 6.636 min  
Delta R.T.: 0.000 min  
Response: 114455505  
Conc: 53.54 ng/ml



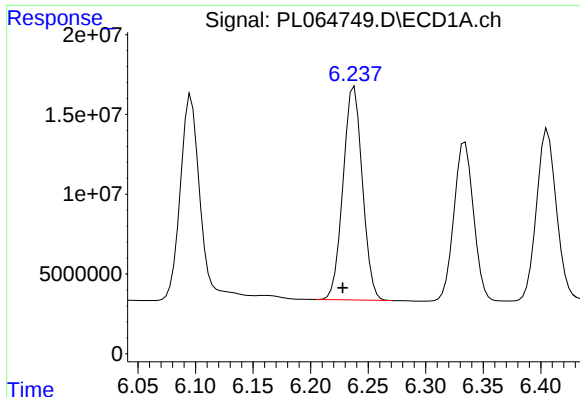
#14 Endrin

R.T.: 5.964 min  
Delta R.T.: 0.009 min  
Response: 148482877  
Conc: 49.44 ng/ml



#14 Endrin

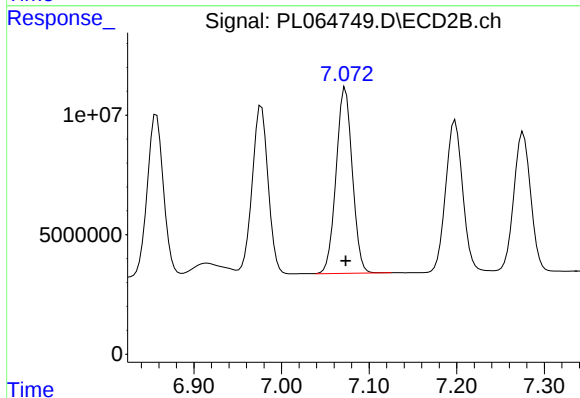
R.T.: 6.857 min  
Delta R.T.: -0.001 min  
Response: 86328006  
Conc: 47.75 ng/ml



#15 Endosulfan II

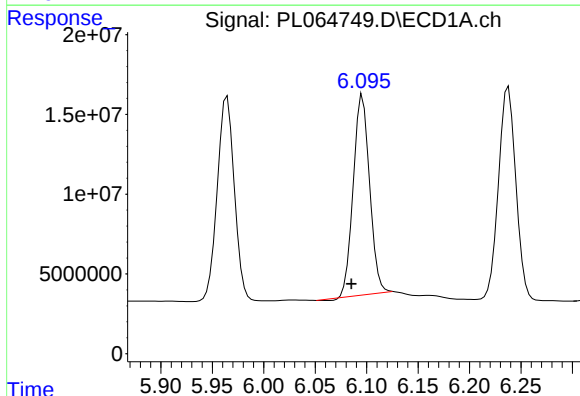
R.T.: 6.238 min  
Delta R.T.: 0.010 min  
Response: 156902113  
Conc: 54.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



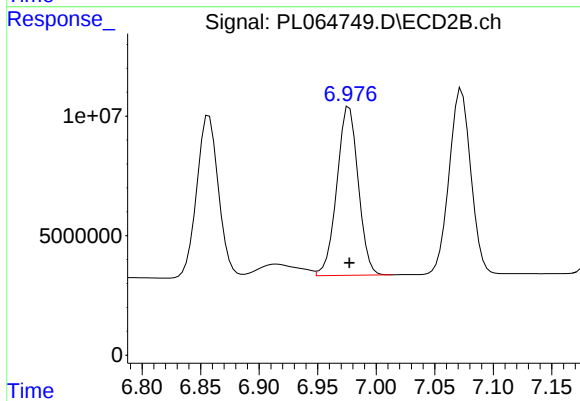
#15 Endosulfan II

R.T.: 7.073 min  
Delta R.T.: 0.000 min  
Response: 100102717  
Conc: 53.12 ng/ml



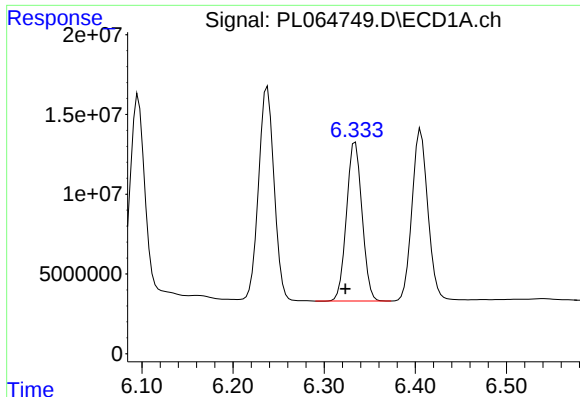
#16 4,4'-DDD

R.T.: 6.096 min  
Delta R.T.: 0.011 min  
Response: 138611065  
Conc: 54.73 ng/ml



#16 4,4'-DDD

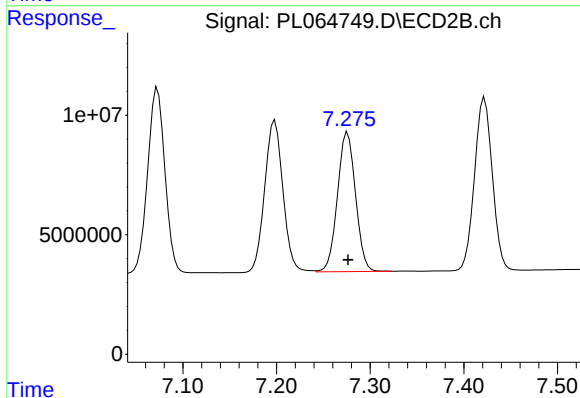
R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 89646587  
Conc: 51.71 ng/ml



#17 4,4'-DDT

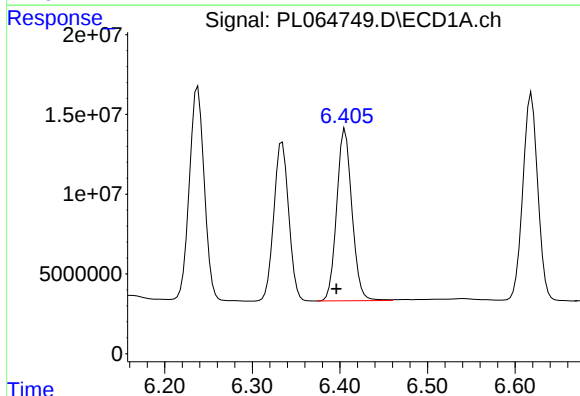
R.T.: 6.334 min  
Delta R.T.: 0.011 min  
Response: 117744166  
Conc: 52.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



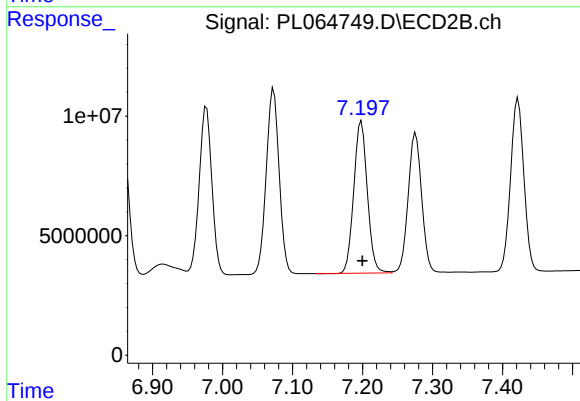
#17 4,4'-DDT

R.T.: 7.276 min  
Delta R.T.: 0.000 min  
Response: 78109851  
Conc: 51.23 ng/ml



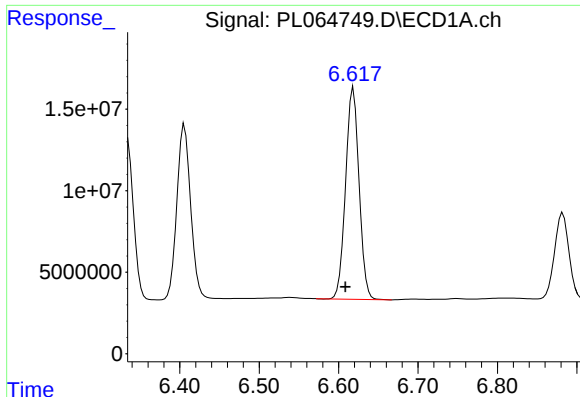
#18 Endrin aldehyde

R.T.: 6.406 min  
Delta R.T.: 0.010 min  
Response: 130496472  
Conc: 53.52 ng/ml



#18 Endrin aldehyde

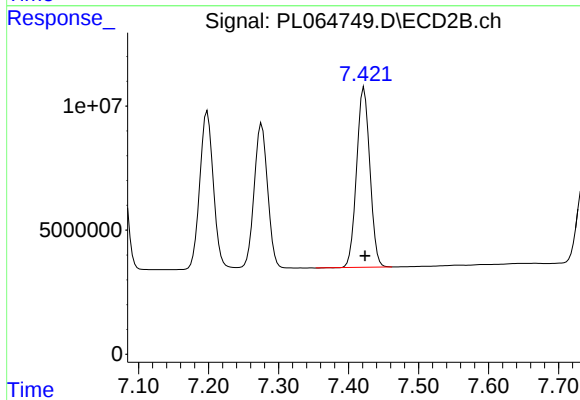
R.T.: 7.198 min  
Delta R.T.: -0.002 min  
Response: 85798877  
Conc: 52.69 ng/ml



#19 Endosulfan Sulfate

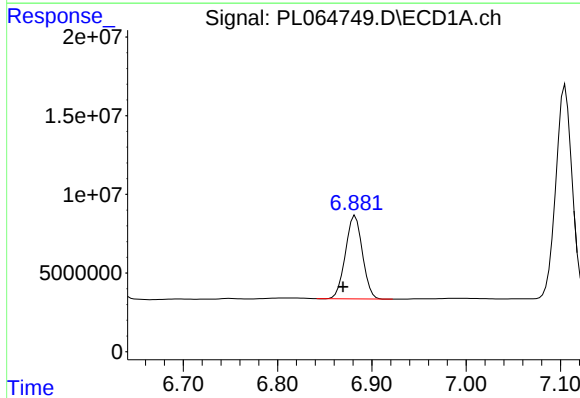
R.T.: 6.619 min  
Delta R.T.: 0.010 min  
Response: 153317164  
Conc: 54.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



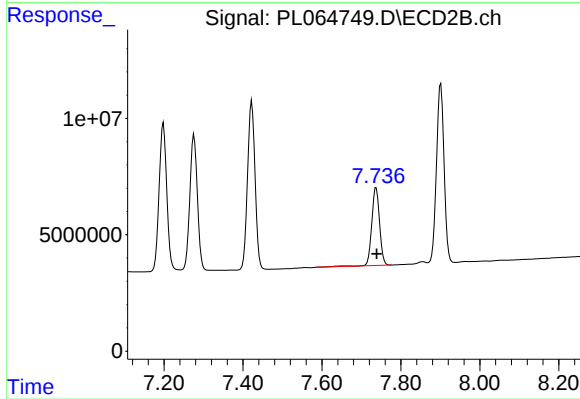
#19 Endosulfan Sulfate

R.T.: 7.422 min  
Delta R.T.: -0.001 min  
Response: 95455792  
Conc: 53.04 ng/ml



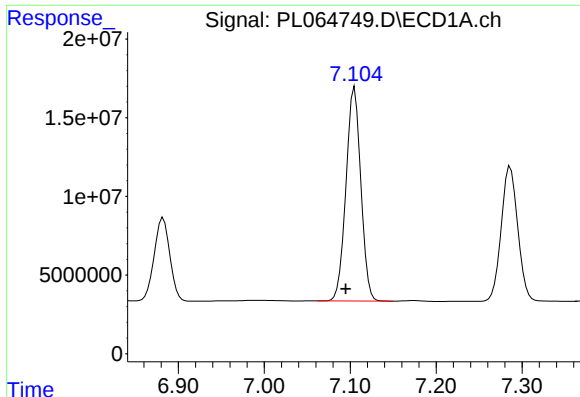
#20 Methoxychlor

R.T.: 6.882 min  
Delta R.T.: 0.013 min  
Response: 66510299  
Conc: 51.37 ng/ml



#20 Methoxychlor

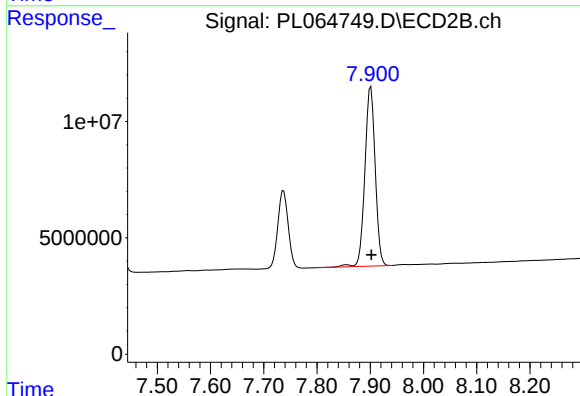
R.T.: 7.737 min  
Delta R.T.: -0.002 min  
Response: 45837410  
Conc: 50.71 ng/ml



#21 Endrin ketone

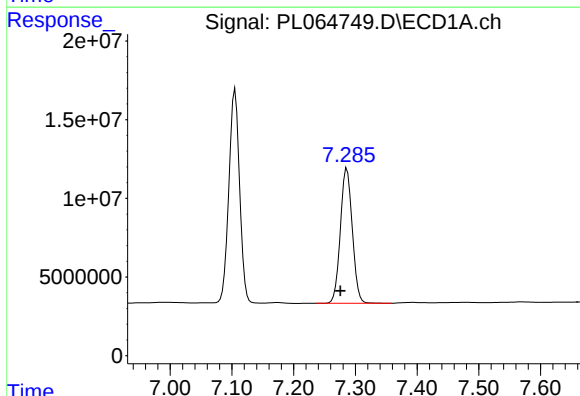
R.T.: 7.105 min  
Delta R.T.: 0.010 min  
Response: 163857153  
Conc: 57.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



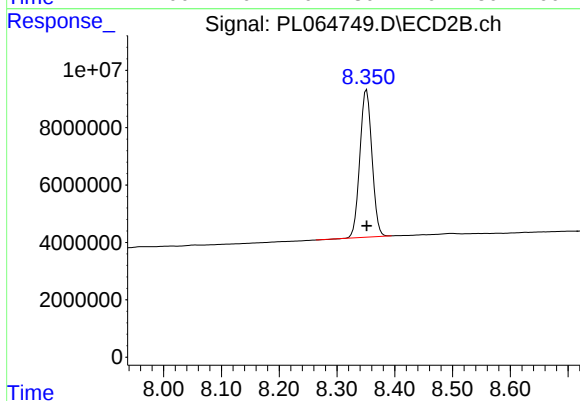
#21 Endrin ketone

R.T.: 7.901 min  
Delta R.T.: 0.000 min  
Response: 104145797  
Conc: 54.48 ng/ml



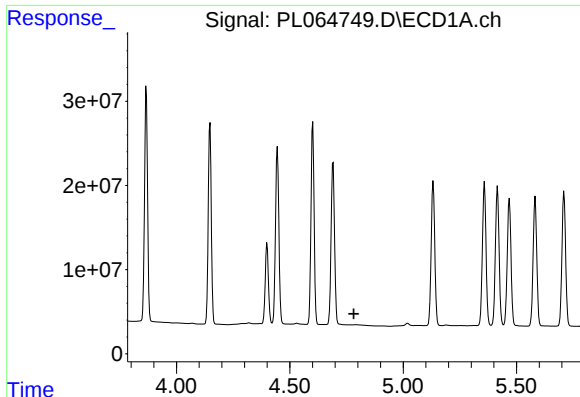
#22 Mirex

R.T.: 7.286 min  
Delta R.T.: 0.011 min  
Response: 114938510  
Conc: 54.40 ng/ml



#22 Mirex

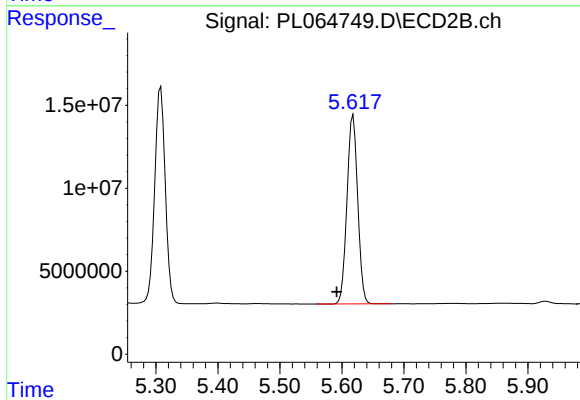
R.T.: 8.351 min  
Delta R.T.: 0.000 min  
Response: 74689640  
Conc: 53.73 ng/ml



#24 Chlordane-2

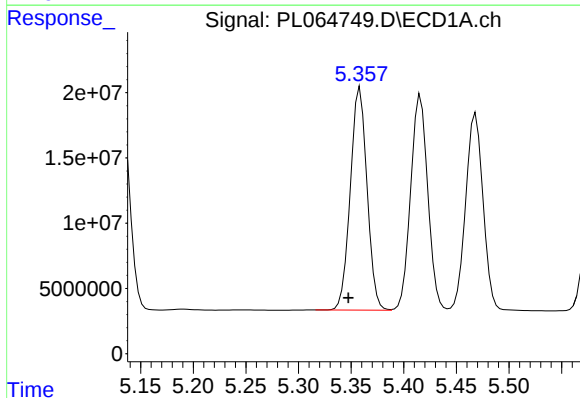
R.T.: 0.000 min  
Exp R.T.: 4.782 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



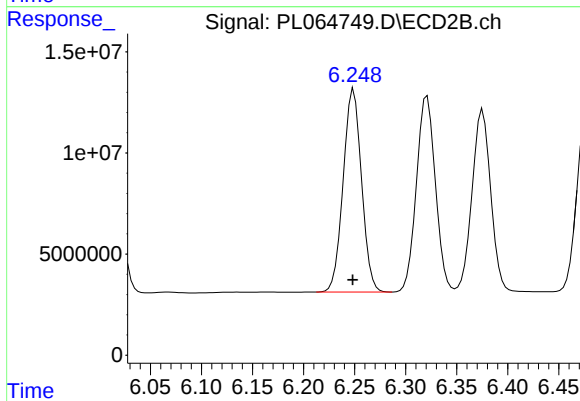
#24 Chlordane-2

R.T.: 5.618 min  
Delta R.T.: 0.026 min  
Response: 135977856  
Conc: 1559.48 ng/ml



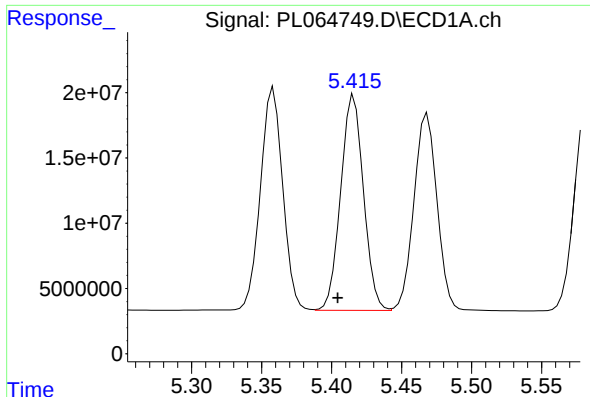
#25 Chlordane-3

R.T.: 5.358 min  
Delta R.T.: 0.011 min  
Response: 189238167  
Conc: 575.87 ng/ml



#25 Chlordane-3

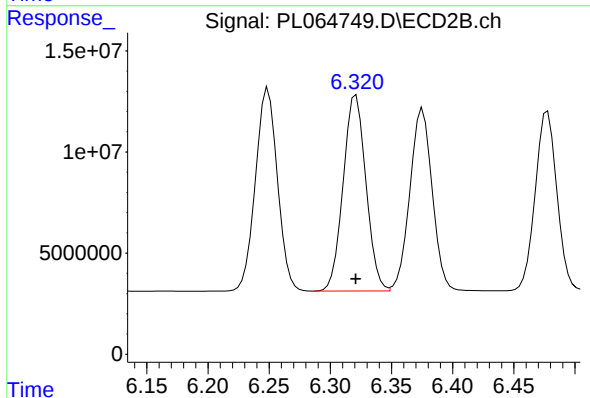
R.T.: 6.249 min  
Delta R.T.: 0.001 min  
Response: 125600903  
Conc: 410.79 ng/ml



#26 Chlordane-4

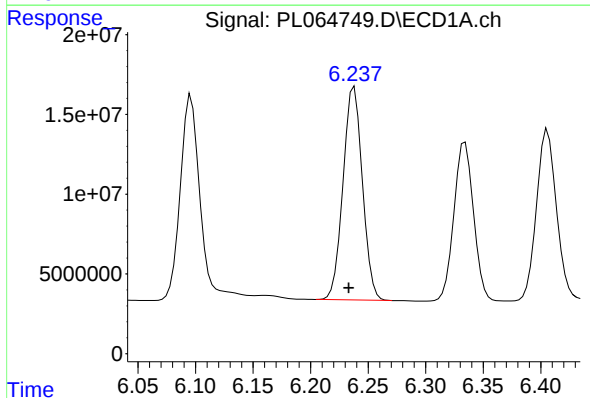
R.T.: 5.416 min  
Delta R.T.: 0.012 min  
Response: 187299739  
Conc: 680.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



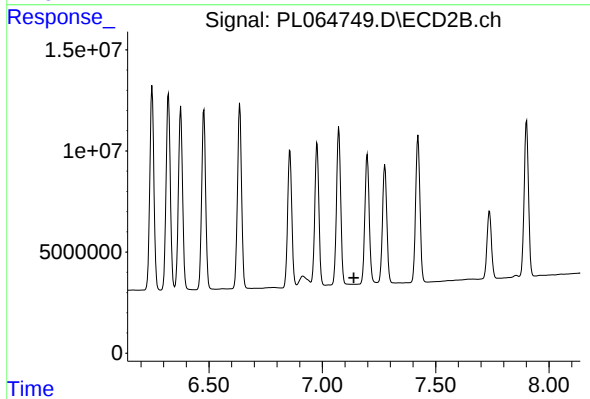
#26 Chlordane-4

R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 125382372  
Conc: 338.43 ng/ml



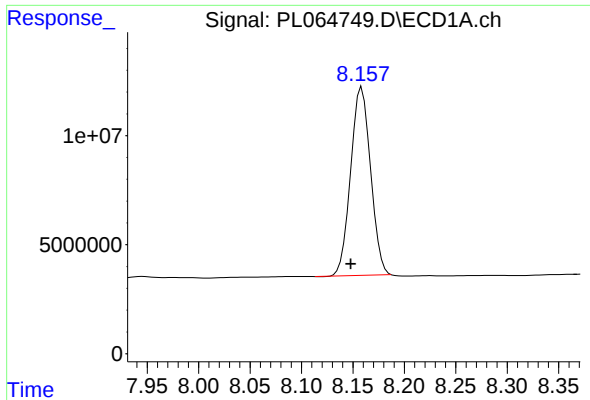
#27 Chlordane-5

R.T.: 6.238 min  
Delta R.T.: 0.005 min  
Response: 156902113  
Conc: 1550.74 ng/ml



#27 Chlordane-5

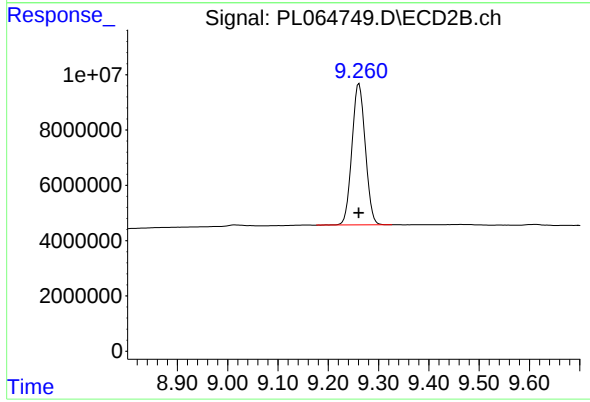
R.T.: 0.000 min  
Exp R.T.: 7.139 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.159 min  
Delta R.T.: 0.011 min  
Response: 116414771  
Conc: 51.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.261 min  
Delta R.T.: 0.000 min  
Response: 94465865  
Conc: 49.74 ng/ml