

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020421\  
 Data File : PL064639.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Feb 2021 17:50  
 Operator : AR\AJ  
 Sample : M1293-02MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 02:07:17 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012921.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 29 04:48:57 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 | 4.108 | 58287448 | 49409159 | 19.147   | 20.742    |
| 28)                         | SA Decachlor... | 8.163 | 9.272 | 55825311 | 43594380 | 17.715   | 21.293    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.866 | 4.510 | 248.5E6  | 182.0E6  | 49.538   | 52.655    |
| 3)                          | MA gamma-BHC... | 4.146 | 4.802 | 233.7E6  | 177.5E6  | 49.906   | 53.827    |
| 4)                          | MA Heptachlor   | 4.445 | 5.315 | 216.9E6  | 193.7E6  | 46.912   | 55.566    |
| 5)                          | MB Aldrin       | 4.691 | 5.625 | 207.7E6  | 174.8E6  | 48.868   | 58.547    |
| 6)                          | B beta-BHC      | 4.396 | 4.978 | 90901464 | 78594747 | 47.035   | 46.445    |
| 7)                          | B delta-BHC     | 4.598 | 5.200 | 216.2E6  | 154.8E6  | 46.472   | 50.262    |
| 8)                          | B Heptachlo...  | 5.131 | 6.020 | 196.0E6  | 131.5E6  | 48.122   | 51.350    |
| 9)                          | A Endosulfan I  | 5.468 | 6.382 | 183.2E6  | 139.9E6  | 48.507   | 52.611    |
| 10)                         | B gamma-Chl...  | 5.357 | 6.255 | 199.0E6  | 158.5E6  | 48.076   | 54.511    |
| 11)                         | B alpha-Chl...  | 5.415 | 6.328 | 196.4E6  | 155.6E6  | 47.889   | 52.882    |
| 12)                         | B 4,4'-DDE      | 5.582 | 6.484 | 185.0E6  | 136.0E6  | 49.086   | 52.517    |
| 13)                         | MA Dieldrin     | 5.709 | 6.643 | 197.5E6  | 144.3E6  | 49.377   | 52.339    |
| 14)                         | MA Endrin       | 5.964 | 6.865 | 188.6E6  | 124.2E6  | 51.552   | 54.087    |
| 15)                         | B Endosulfa...  | 6.236 | 7.078 | 175.7E6  | 123.5E6  | 48.562   | 50.046    |
| 16)                         | A 4,4'-DDD      | 6.095 | 6.983 | 152.3E6  | 112.7E6  | 48.394   | 48.965    |
| 17)                         | MA 4,4'-DDT     | 6.334 | 7.283 | 154.3E6  | 110.4E6  | 50.284   | 53.744    |
| 18)                         | B Endrin al...  | 6.404 | 7.203 | 146.4E6  | 107.8E6  | 47.720   | 50.789    |
| 19)                         | B Endosulfa...  | 6.616 | 7.427 | 167.1E6  | 119.1E6  | 45.981   | 49.542    |
| 20)                         | A Methoxychlor  | 6.881 | 7.743 | 83234316 | 64833119 | 46.079   | 51.246    |
| 21)                         | B Endrin ke...  | 7.103 | 7.906 | 175.1E6  | 123.2E6  | 44.922   | 50.655    |
| 22)                         | Mirex           | 7.289 | 8.359 | 131.8E6  | 94200876 | 43.987   | 49.051    |
| 23)                         | Chlordane-1     | 4.307 | 0.000 | 2754337  | 0        | 25.057   | N.D. #    |
| 25)                         | Chlordane-3     | 5.357 | 6.255 | 199.0E6  | 158.5E6  | 551.775  | 442.067   |
| 26)                         | Chlordane-4     | 5.415 | 6.328 | 196.4E6  | 155.6E6  | 660.209  | 353.849 # |
| 27)                         | Chlordane-5     | 6.236 | 0.000 | 175.7E6  | 0        | 1475.540 | N.D. #    |
| -----                       |                 |       |       |          |          |          |           |

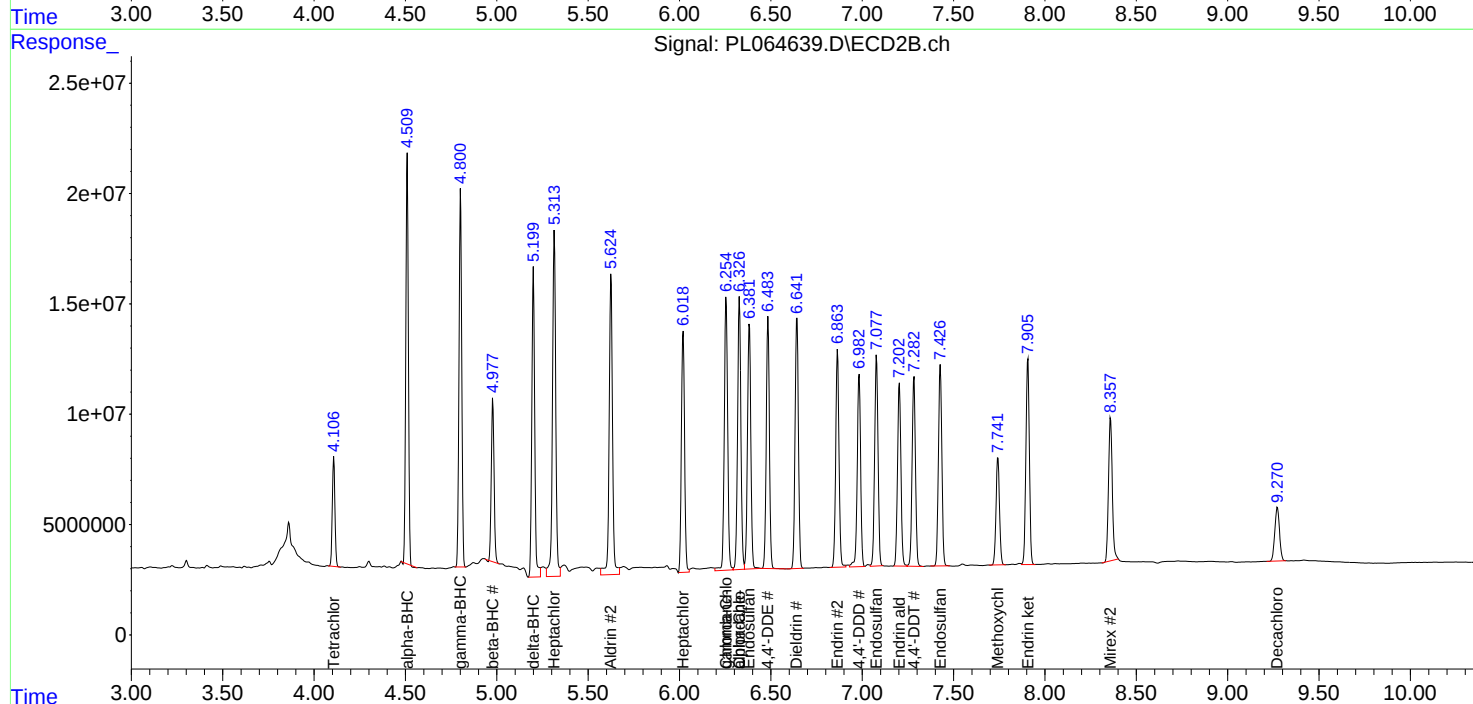
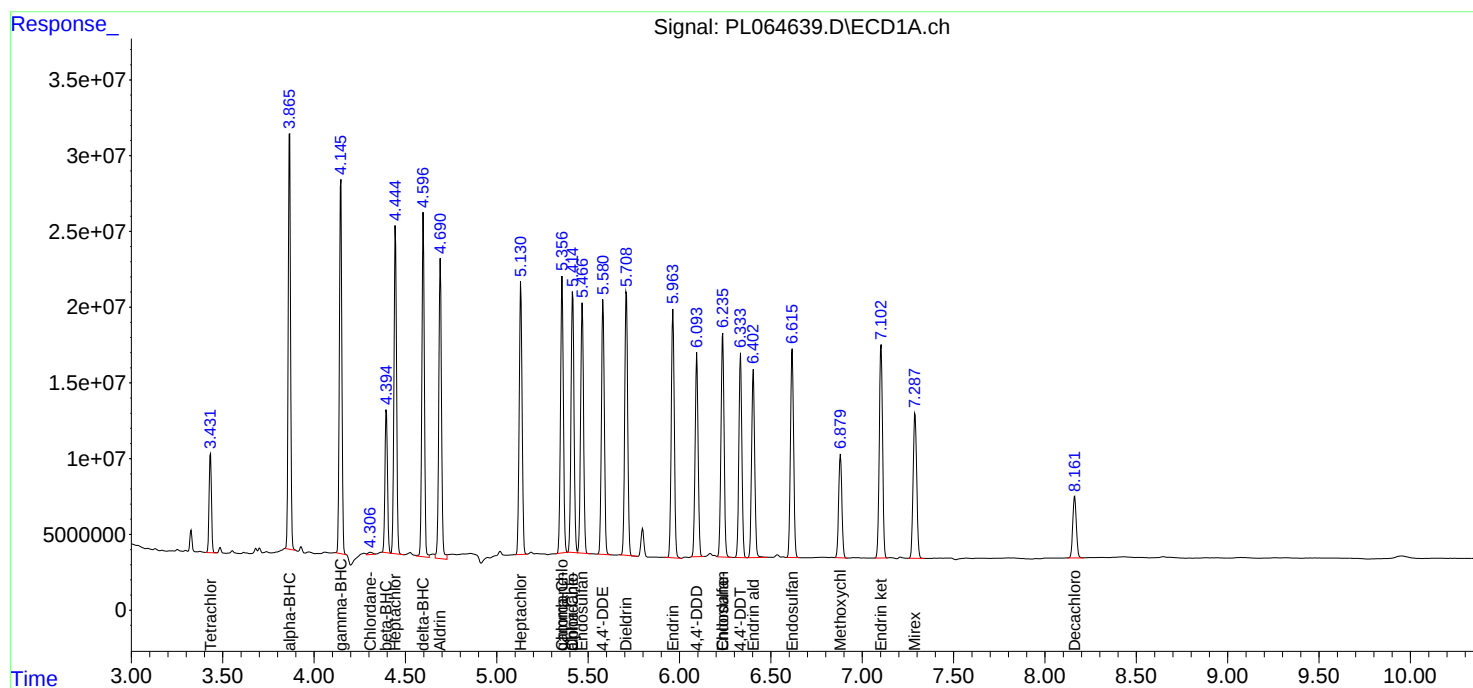
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

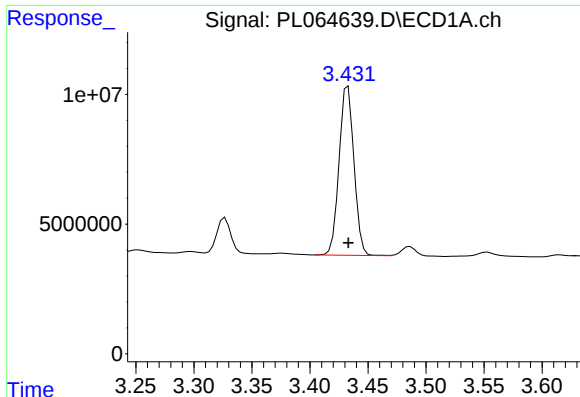
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020421\  
Data File : PL064639.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Feb 2021 17:50  
Operator : AR\AJ  
Sample : M1293-02MS  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 02:07:17 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012921.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 29 04:48:57 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

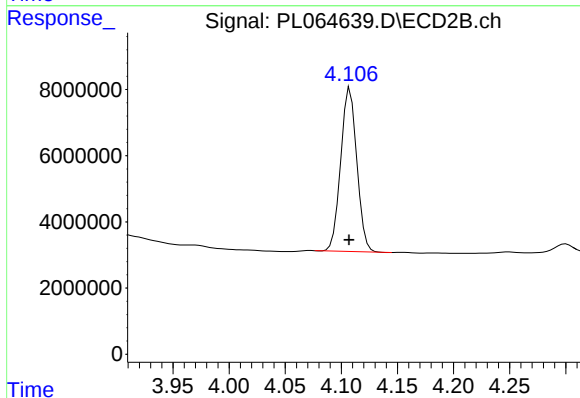




#1 Tetrachloro-m-xylene

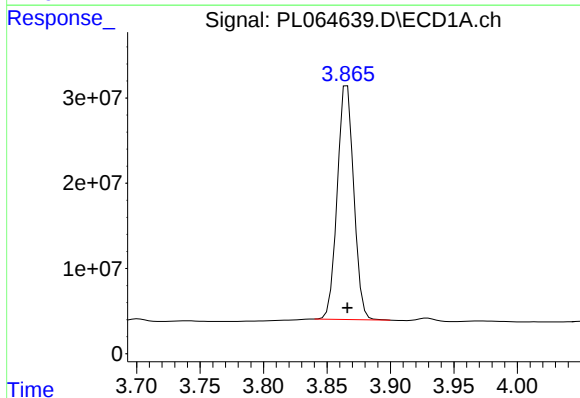
R.T.: 3.433 min  
Delta R.T.: 0.000 min  
Response: 58287448  
Conc: 19.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



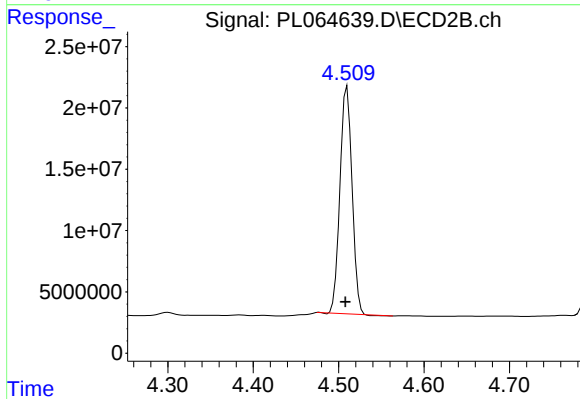
#1 Tetrachloro-m-xylene

R.T.: 4.108 min  
Delta R.T.: 0.000 min  
Response: 49409159  
Conc: 20.74 ng/ml



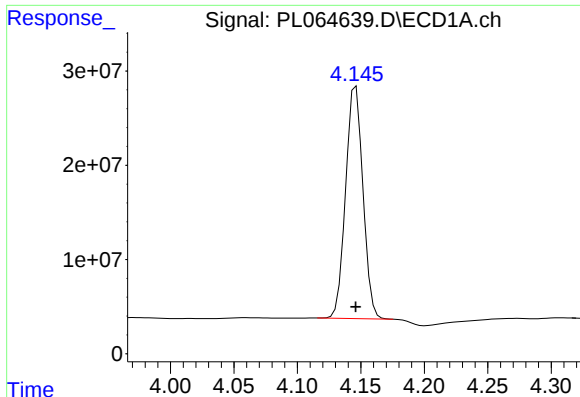
#2 alpha-BHC

R.T.: 3.866 min  
Delta R.T.: 0.000 min  
Response: 248500420  
Conc: 49.54 ng/ml



#2 alpha-BHC

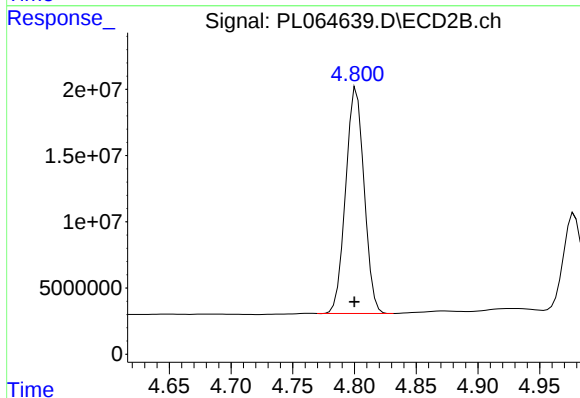
R.T.: 4.510 min  
Delta R.T.: 0.002 min  
Response: 182043971  
Conc: 52.66 ng/ml



#3 gamma-BHC (Lindane)

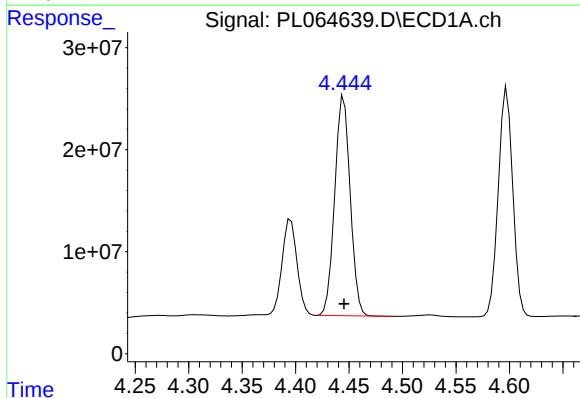
R.T.: 4.146 min  
Delta R.T.: 0.000 min  
Response: 233731251  
Conc: 49.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



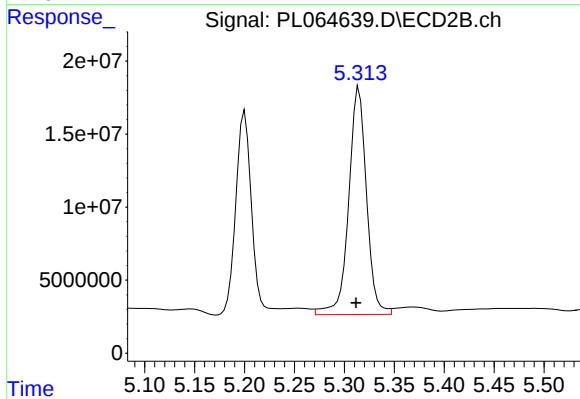
#3 gamma-BHC (Lindane)

R.T.: 4.802 min  
Delta R.T.: 0.002 min  
Response: 177461564  
Conc: 53.83 ng/ml



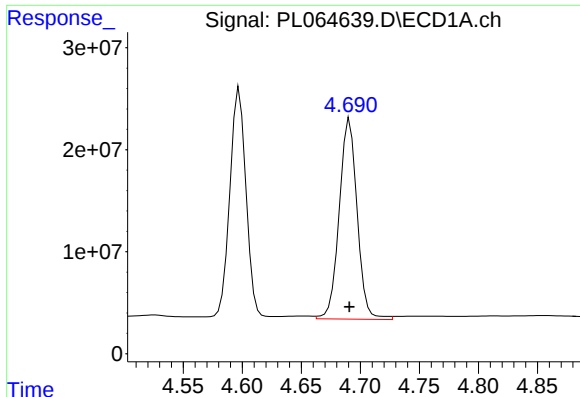
#4 Heptachlor

R.T.: 4.445 min  
Delta R.T.: 0.000 min  
Response: 216919329  
Conc: 46.91 ng/ml



#4 Heptachlor

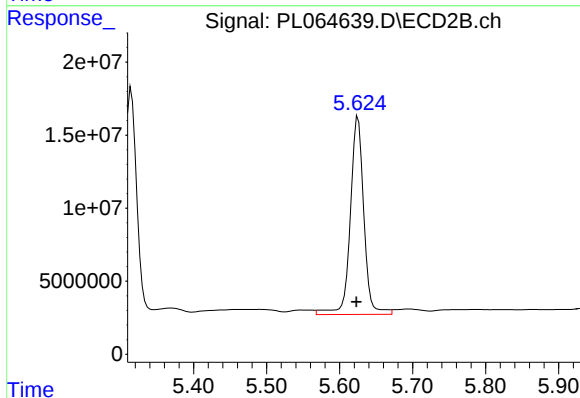
R.T.: 5.315 min  
Delta R.T.: 0.003 min  
Response: 193659844  
Conc: 55.57 ng/ml



#5 Aldrin

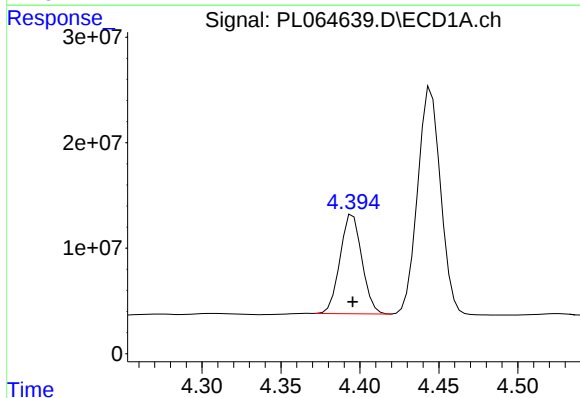
R.T.: 4.691 min  
Delta R.T.: 0.000 min  
Response: 207660777  
Conc: 48.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



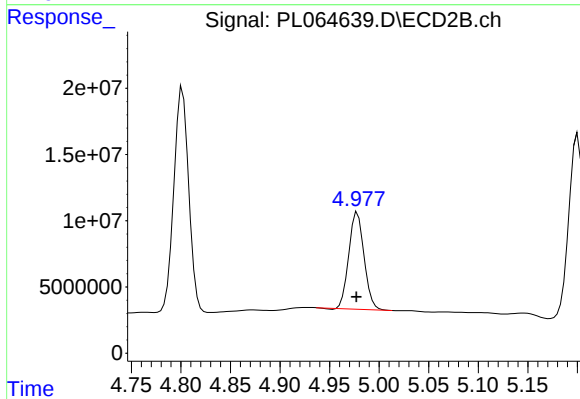
#5 Aldrin

R.T.: 5.625 min  
Delta R.T.: 0.002 min  
Response: 174751718  
Conc: 58.55 ng/ml



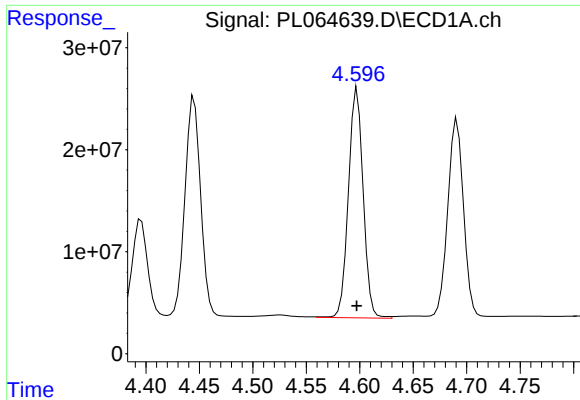
#6 beta-BHC

R.T.: 4.396 min  
Delta R.T.: 0.000 min  
Response: 90901464  
Conc: 47.03 ng/ml



#6 beta-BHC

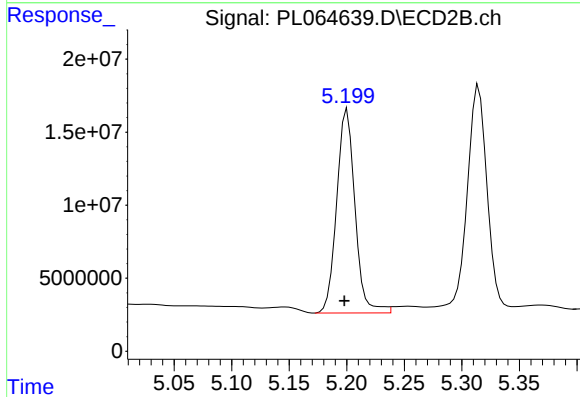
R.T.: 4.978 min  
Delta R.T.: 0.001 min  
Response: 78594747  
Conc: 46.45 ng/ml



#7 delta-BHC

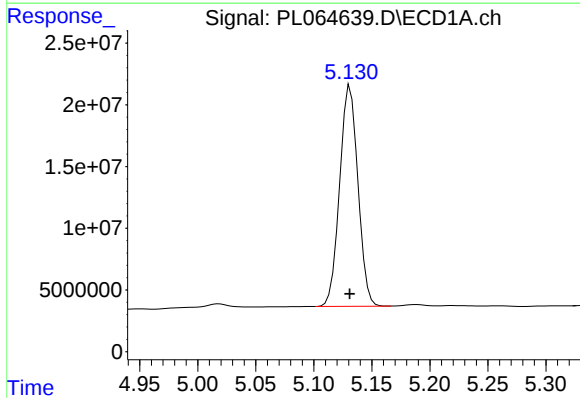
R.T.: 4.598 min  
Delta R.T.: 0.000 min  
Response: 216242751  
Conc: 46.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



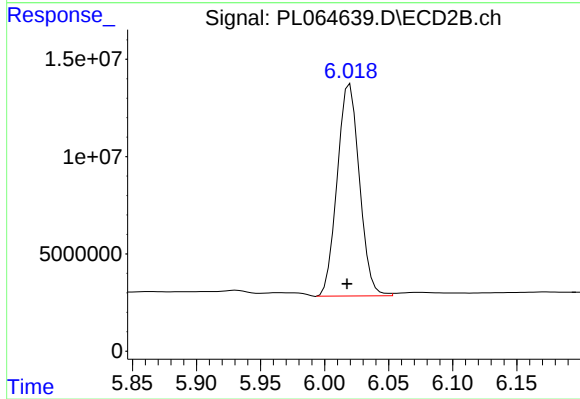
#7 delta-BHC

R.T.: 5.200 min  
Delta R.T.: 0.002 min  
Response: 154816423  
Conc: 50.26 ng/ml



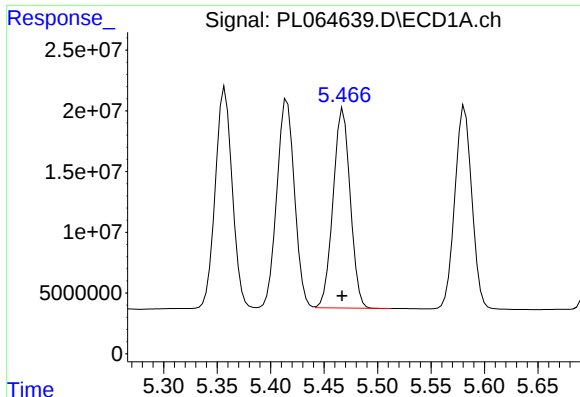
#8 Heptachlor epoxide

R.T.: 5.131 min  
Delta R.T.: 0.000 min  
Response: 196028774  
Conc: 48.12 ng/ml



#8 Heptachlor epoxide

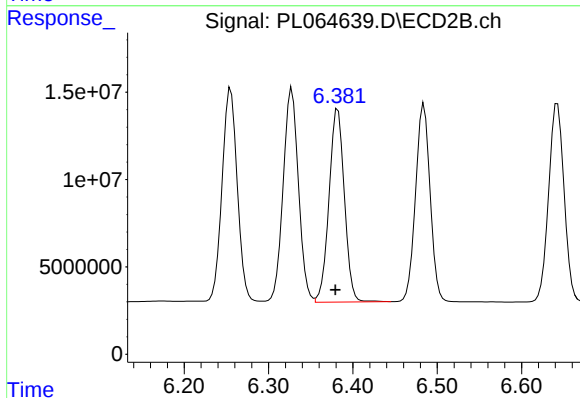
R.T.: 6.020 min  
Delta R.T.: 0.002 min  
Response: 131534402  
Conc: 51.35 ng/ml



#9 Endosulfan I

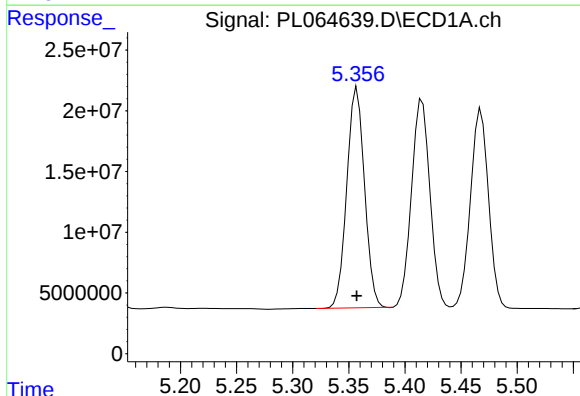
R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 183176194  
Conc: 48.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



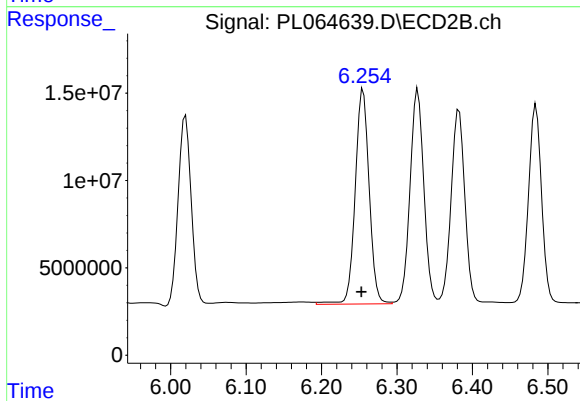
#9 Endosulfan I

R.T.: 6.382 min  
Delta R.T.: 0.003 min  
Response: 139930003  
Conc: 52.61 ng/ml



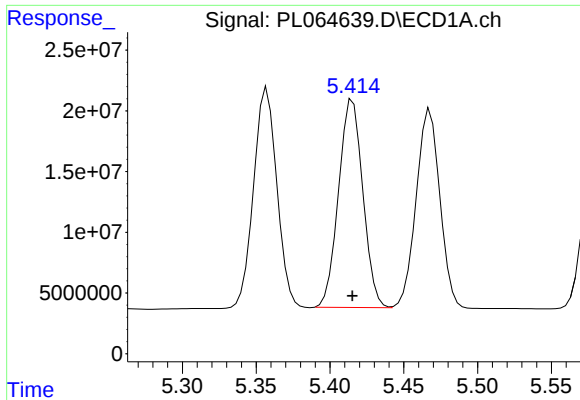
#10 gamma-Chlordane

R.T.: 5.357 min  
Delta R.T.: 0.000 min  
Response: 199040765  
Conc: 48.08 ng/ml



#10 gamma-Chlordane

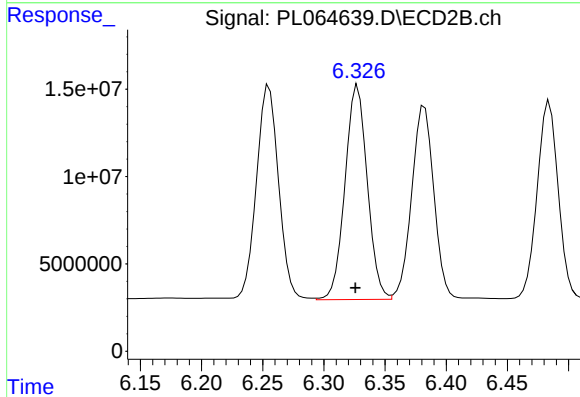
R.T.: 6.255 min  
Delta R.T.: 0.002 min  
Response: 158475456  
Conc: 54.51 ng/ml



#11 alpha-Chlordane

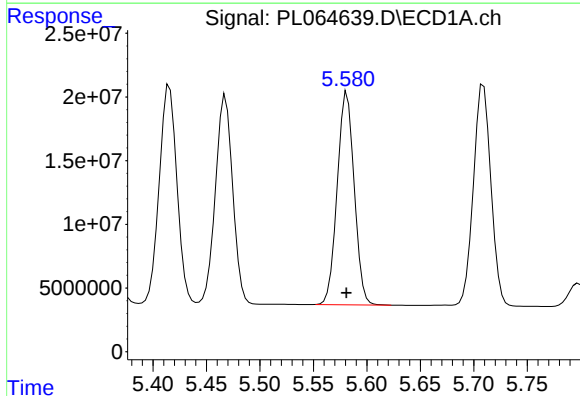
R.T.: 5.415 min  
Delta R.T.: 0.000 min  
Response: 196376781  
Conc: 47.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



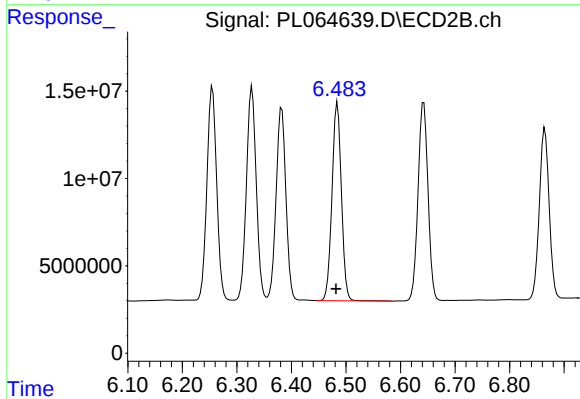
#11 alpha-Chlordane

R.T.: 6.328 min  
Delta R.T.: 0.002 min  
Response: 155607575  
Conc: 52.88 ng/ml



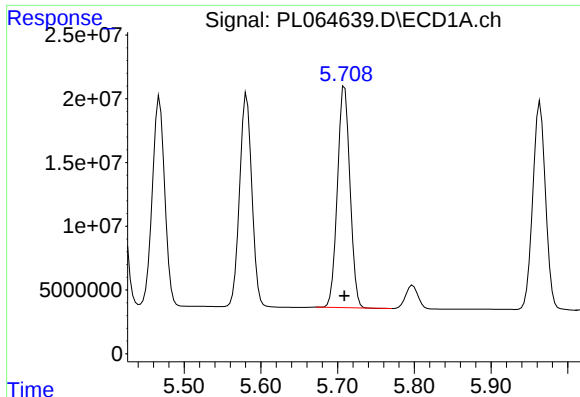
#12 4,4'-DDE

R.T.: 5.582 min  
Delta R.T.: 0.000 min  
Response: 185031945  
Conc: 49.09 ng/ml



#12 4,4'-DDE

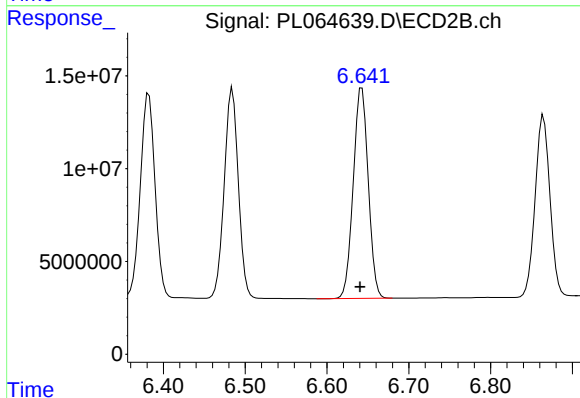
R.T.: 6.484 min  
Delta R.T.: 0.003 min  
Response: 135981509  
Conc: 52.52 ng/ml



#13 Dieldrin

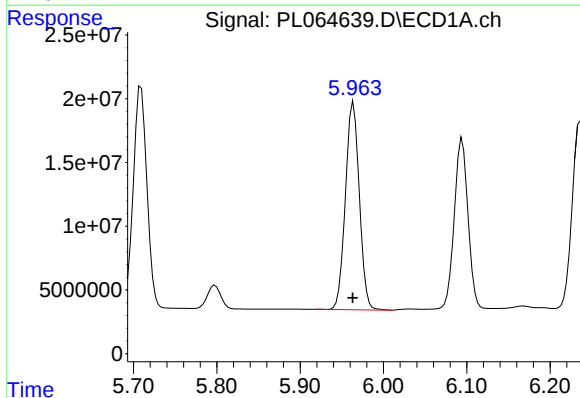
R.T.: 5.709 min  
Delta R.T.: 0.000 min  
Response: 197475297  
Conc: 49.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



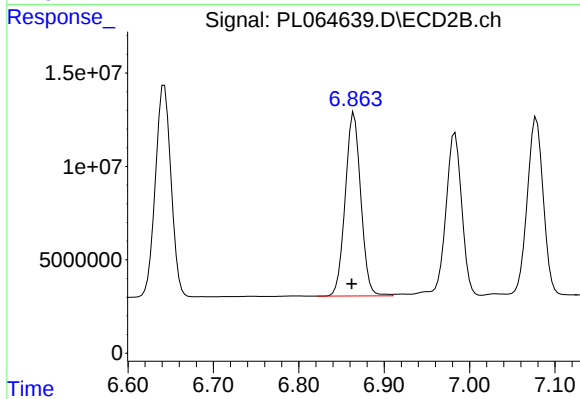
#13 Dieldrin

R.T.: 6.643 min  
Delta R.T.: 0.002 min  
Response: 144297212  
Conc: 52.34 ng/ml



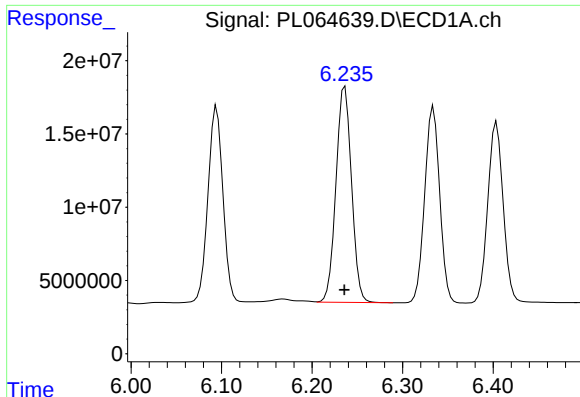
#14 Endrin

R.T.: 5.964 min  
Delta R.T.: 0.001 min  
Response: 188568165  
Conc: 51.55 ng/ml



#14 Endrin

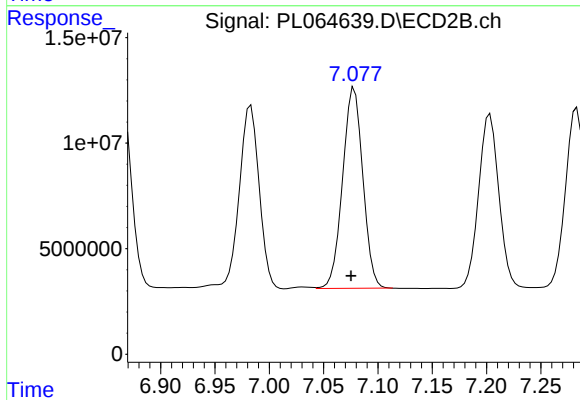
R.T.: 6.865 min  
Delta R.T.: 0.003 min  
Response: 124158597  
Conc: 54.09 ng/ml



#15 Endosulfan II

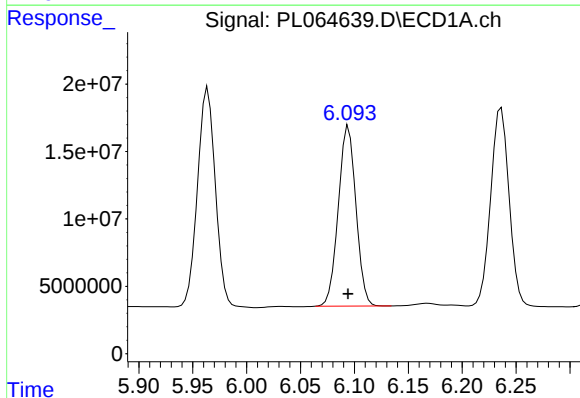
R.T.: 6.236 min  
Delta R.T.: 0.000 min  
Response: 175661277  
Conc: 48.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



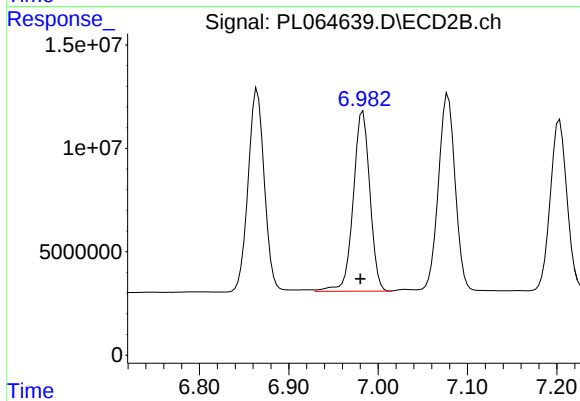
#15 Endosulfan II

R.T.: 7.078 min  
Delta R.T.: 0.003 min  
Response: 123537162  
Conc: 50.05 ng/ml



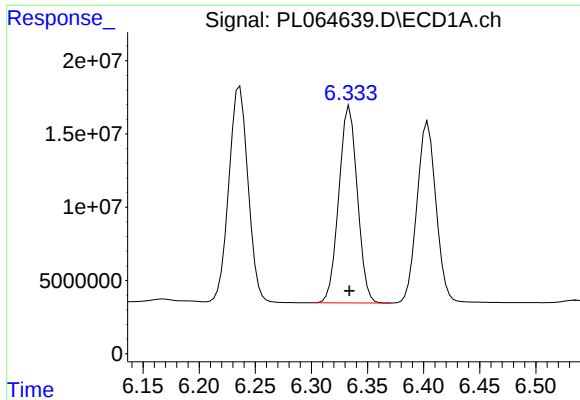
#16 4,4'-DDD

R.T.: 6.095 min  
Delta R.T.: 0.000 min  
Response: 152294984  
Conc: 48.39 ng/ml



#16 4,4'-DDD

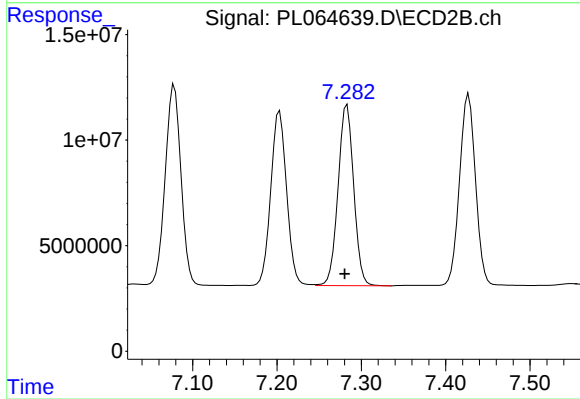
R.T.: 6.983 min  
Delta R.T.: 0.003 min  
Response: 112712261  
Conc: 48.97 ng/ml



#17 4,4'-DDT

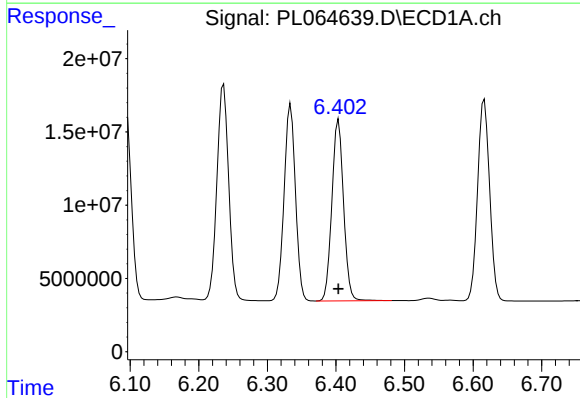
R.T.: 6.334 min  
Delta R.T.: 0.000 min  
Response: 154322108  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



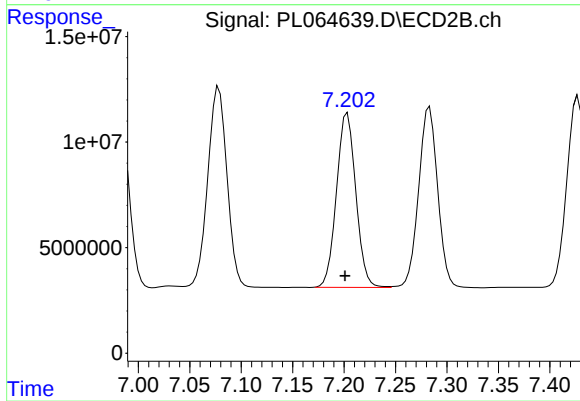
#17 4,4'-DDT

R.T.: 7.283 min  
Delta R.T.: 0.003 min  
Response: 110391683  
Conc: 53.74 ng/ml



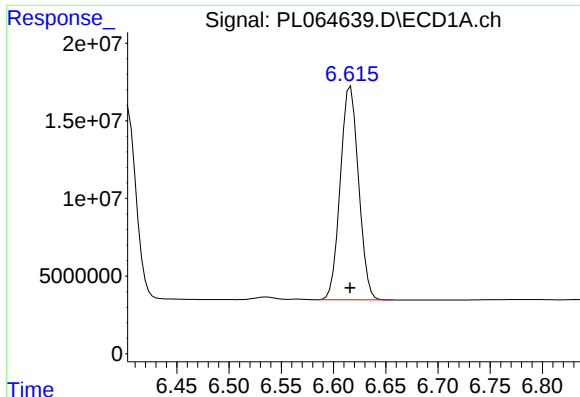
#18 Endrin aldehyde

R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 146365784  
Conc: 47.72 ng/ml



#18 Endrin aldehyde

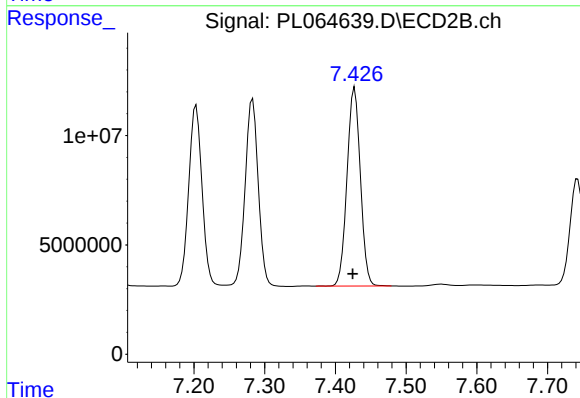
R.T.: 7.203 min  
Delta R.T.: 0.002 min  
Response: 107849472  
Conc: 50.79 ng/ml



#19 Endosulfan Sulfate

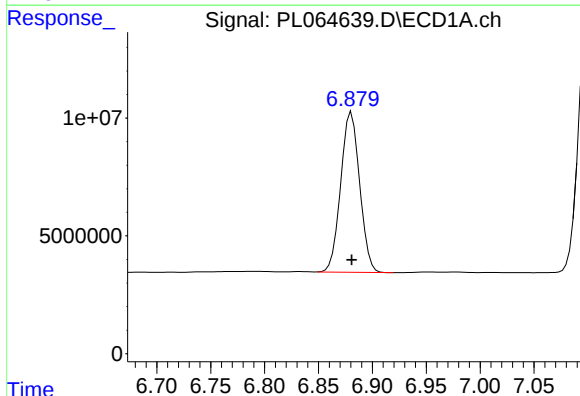
R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 167133766  
Conc: 45.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



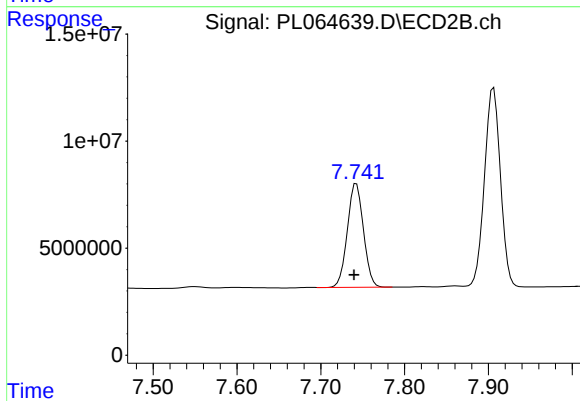
#19 Endosulfan Sulfate

R.T.: 7.427 min  
Delta R.T.: 0.003 min  
Response: 119120775  
Conc: 49.54 ng/ml



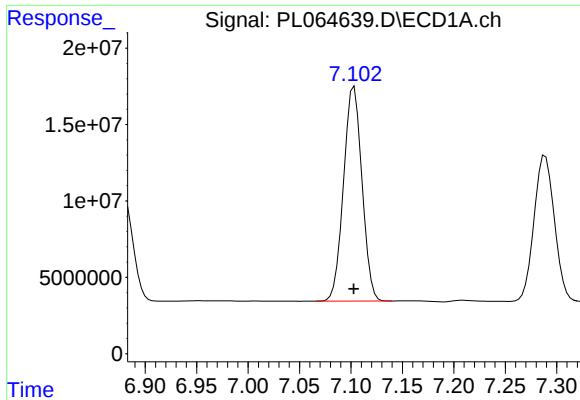
#20 Methoxychlor

R.T.: 6.881 min  
Delta R.T.: 0.000 min  
Response: 83234316  
Conc: 46.08 ng/ml



#20 Methoxychlor

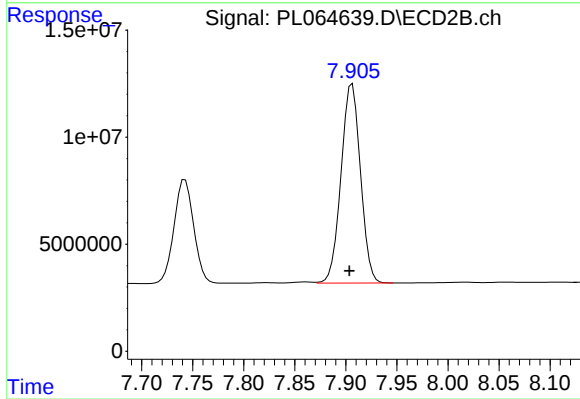
R.T.: 7.743 min  
Delta R.T.: 0.003 min  
Response: 64833119  
Conc: 51.25 ng/ml



#21 Endrin ketone

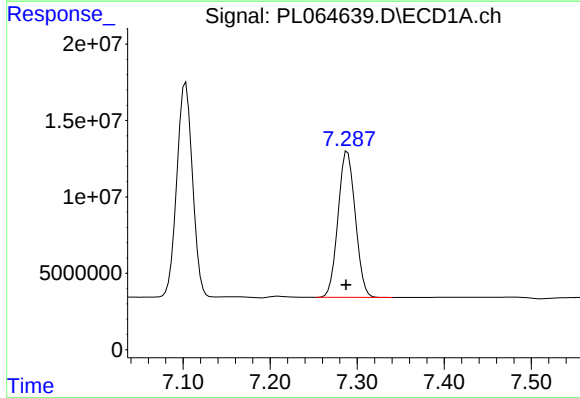
R.T.: 7.103 min  
Delta R.T.: 0.000 min  
Response: 175097243  
Conc: 44.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



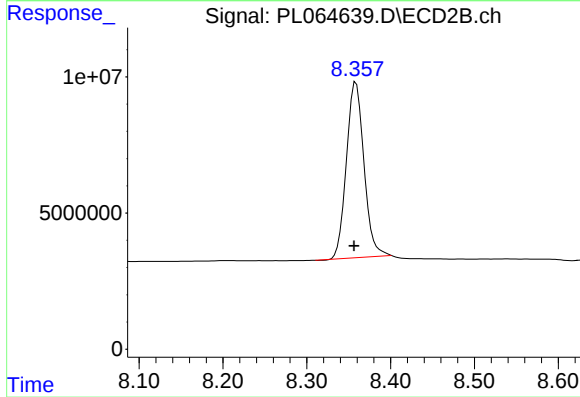
#21 Endrin ketone

R.T.: 7.906 min  
Delta R.T.: 0.003 min  
Response: 123175849  
Conc: 50.65 ng/ml



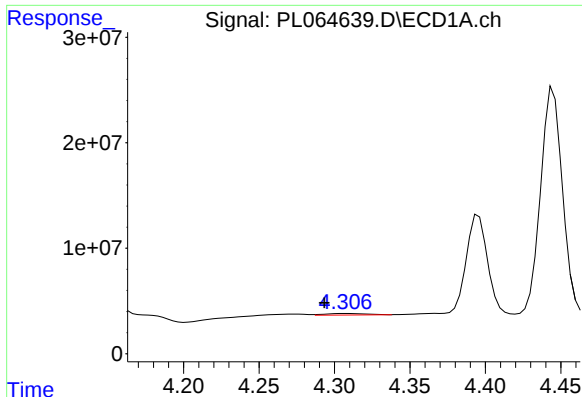
#22 Mirex

R.T.: 7.289 min  
Delta R.T.: 0.002 min  
Response: 131786454  
Conc: 43.99 ng/ml



#22 Mirex

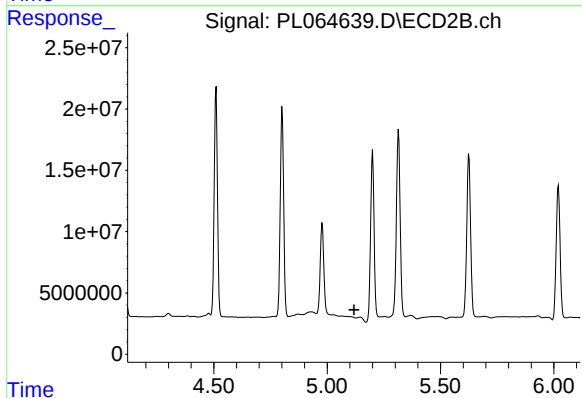
R.T.: 8.359 min  
Delta R.T.: 0.002 min  
Response: 94200876  
Conc: 49.05 ng/ml



#23 Chlordane-1

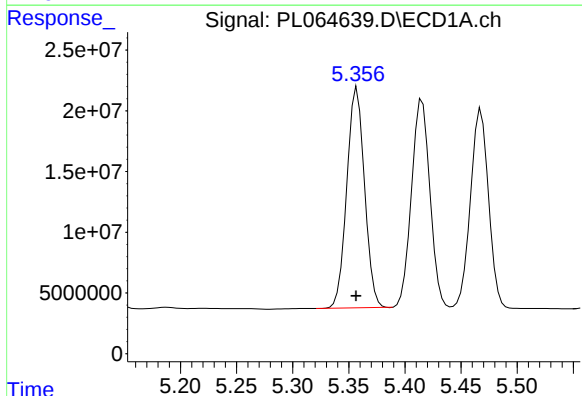
R.T.: 4.307 min  
Delta R.T.: 0.014 min  
Response: 2754337  
Conc: 25.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



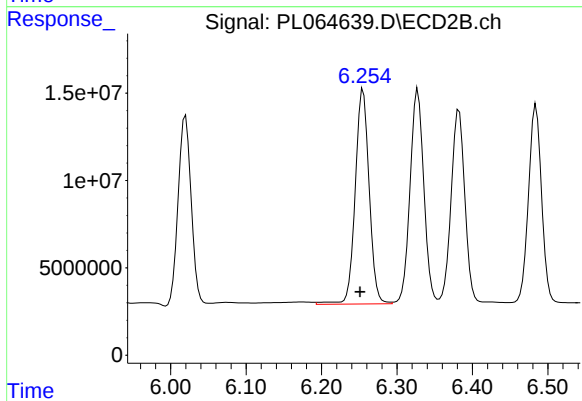
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.119 min  
Response: 0  
Conc: N.D.



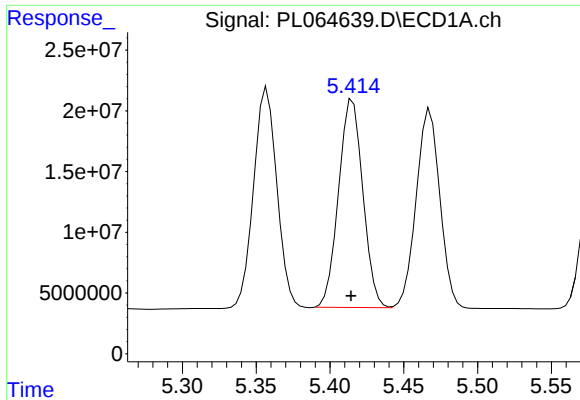
#25 Chlordane-3

R.T.: 5.357 min  
Delta R.T.: 0.000 min  
Response: 199040765  
Conc: 551.78 ng/ml



#25 Chlordane-3

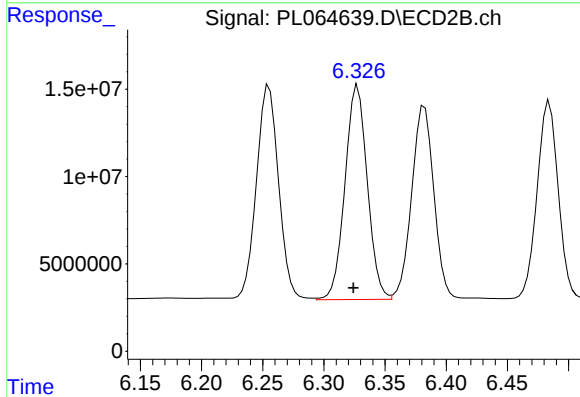
R.T.: 6.255 min  
Delta R.T.: 0.004 min  
Response: 158475456  
Conc: 442.07 ng/ml



#26 Chlordane-4

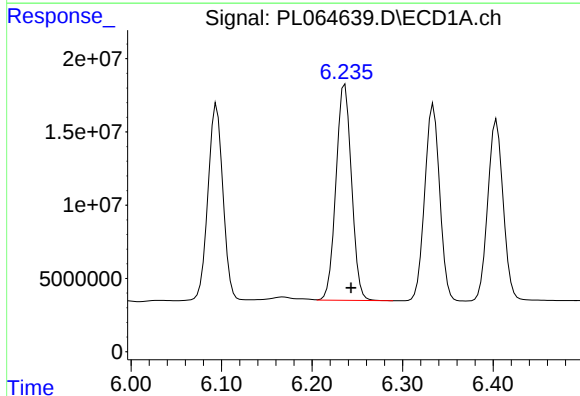
R.T.: 5.415 min  
Delta R.T.: 0.001 min  
Response: 196376781  
Conc: 660.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



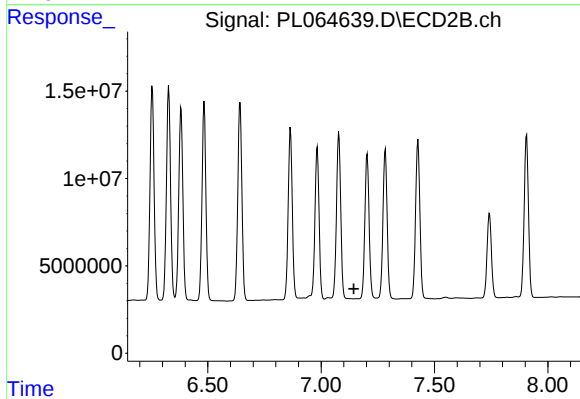
#26 Chlordane-4

R.T.: 6.328 min  
Delta R.T.: 0.004 min  
Response: 155607575  
Conc: 353.85 ng/ml



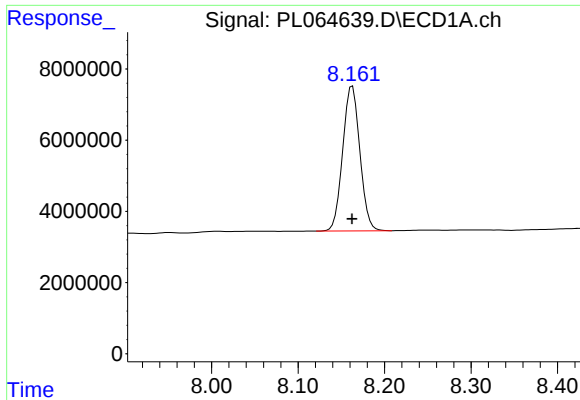
#27 Chlordane-5

R.T.: 6.236 min  
Delta R.T.: -0.007 min  
Response: 175661277  
Conc: 1475.54 ng/ml



#27 Chlordane-5

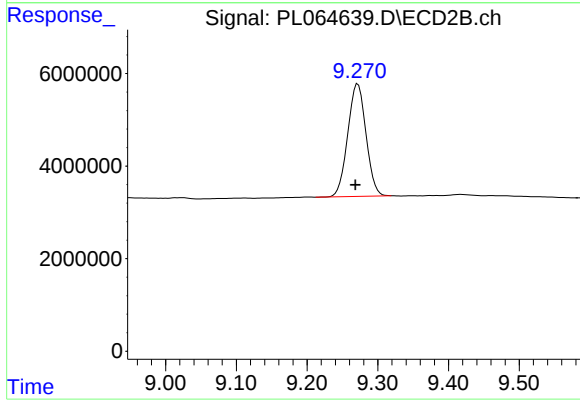
R.T.: 0.000 min  
Exp R.T.: 7.144 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.163 min  
Delta R.T.: 0.000 min  
Response: 55825311  
Conc: 17.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.272 min  
Delta R.T.: 0.003 min  
Response: 43594380  
Conc: 21.29 ng/ml