

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070820\  
 Data File : PL059774.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2020 14:33  
 Operator : DD\AJ  
 Sample : L3203-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 RO-24MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 17:20:10 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 01 01:23:58 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... | 3.517 | 4.071 | 35911769 | 54734882 | 19.995 | 20.581  |
| 28)                         | SA Decachlor... | 8.285 | 9.181 | 27180829 | 37971734 | 17.705 | 17.469  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.957 | 4.463 | 132.3E6  | 199.5E6  | 51.417 | 51.224  |
| 3)                          | MA gamma-BHC... | 4.243 | 4.751 | 108.1E6  | 173.4E6  | 47.678 | 47.425  |
| 4)                          | MA Heptachlor   | 4.547 | 5.264 | 91562082 | 144.2E6  | 43.830 | 41.168  |
| 5)                          | MB Aldrin       | 4.797 | 5.573 | 94075962 | 163.5E6  | 54.906 | 51.712  |
| 6)                          | B beta-BHC      | 4.492 | 4.920 | 35784226 | 47712640 | 38.141 | 30.986  |
| 7)                          | B delta-BHC     | 4.698 | 5.139 | 61774064 | 101.8E6  | 31.583 | 34.796  |
| 8)                          | B Heptachlo...  | 5.241 | 5.960 | 76084019 | 123.9E6  | 46.933 | 50.979  |
| 9)                          | A Endosulfan I  | 5.582 | 6.319 | 43473639 | 76146547 | 28.252 | 28.221  |
| 10)                         | B gamma-Chl...  | 5.469 | 6.195 | 89598184 | 142.6E6  | 54.762 | 48.343  |
| 11)                         | B alpha-Chl...  | 5.528 | 6.269 | 84088039 | 146.7E6  | 51.210 | 49.608  |
| 12)                         | B 4,4'-DDE      | 5.691 | 6.423 | 85790874 | 139.6E6  | 57.228 | 52.311  |
| 13)                         | MA Dieldrin     | 5.825 | 6.577 | 71185503 | 111.1E6  | 44.590 | 39.418  |
| 14)                         | MA Endrin       | 6.082 | 6.796 | 20068436 | 28976197 | 13.572 | 11.782  |
| 15)                         | B Endosulfa...  | 6.355 | 7.005 | 18259253 | 29667653 | 12.030 | 11.549  |
| 16)                         | A 4,4'-DDD      | 6.207 | 6.914 | 47062030 | 86452519 | 35.257 | 36.308  |
| 17)                         | MA 4,4'-DDT     | 6.448 | 7.215 | 43747672 | 68153791 | 34.461 | 30.135  |
| 18)                         | B Endrin al...  | 6.522 | 7.128 | 17512038 | 26970152 | 13.875 | 12.170  |
| 19)                         | B Endosulfa...  | 6.748 | 7.351 | 41859849 | 19767076 | 29.158 | 8.259 # |
| 20)                         | A Methoxychlor  | 6.993 | 7.672 | 5894080  | 9795266  | 7.702  | 7.586   |
| 21)                         | B Endrin ke...  | 7.228 | 7.826 | 28101884 | 44175222 | 17.019 | 17.532  |
| 22)                         | Mirex           | 7.420 | 8.283 | 60134251 | 80492856 | 46.311 | 42.145  |
| -----                       |                 |       |       |          |          |        |         |

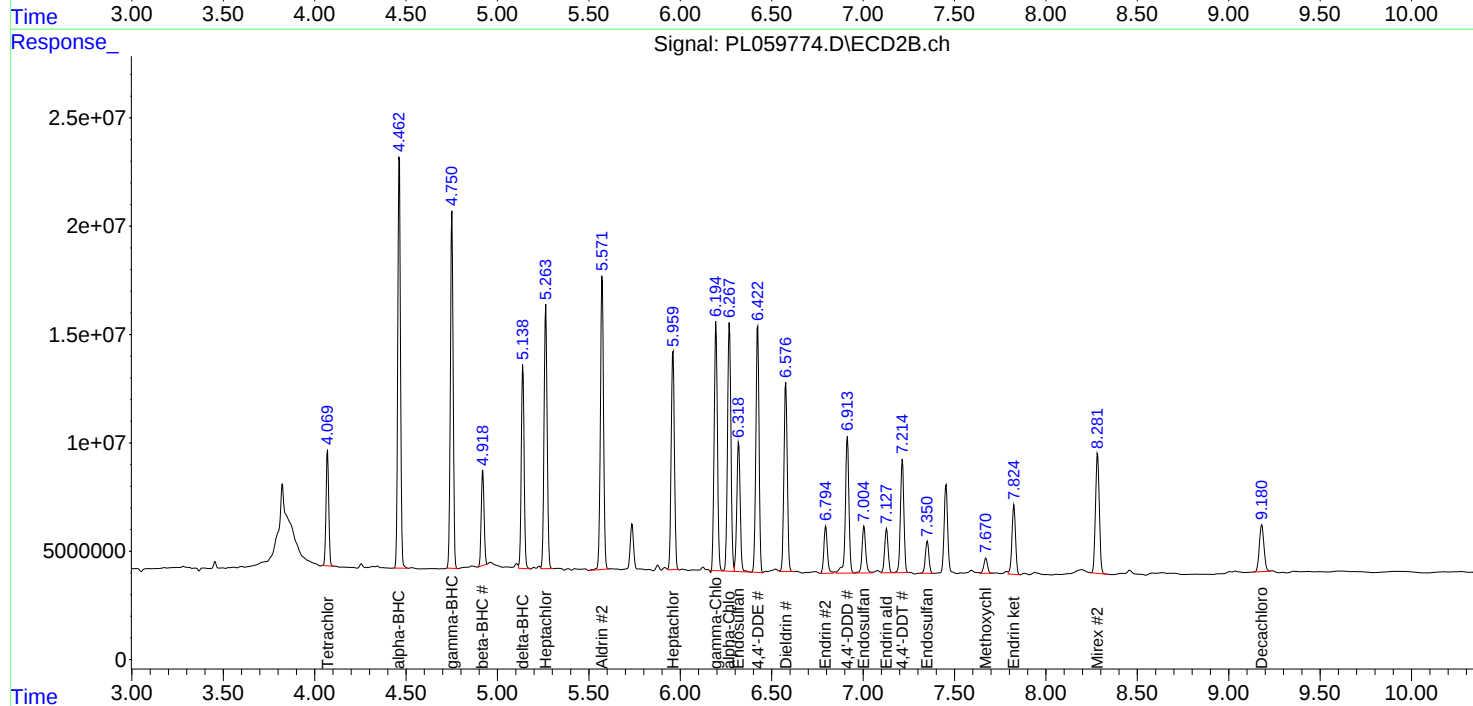
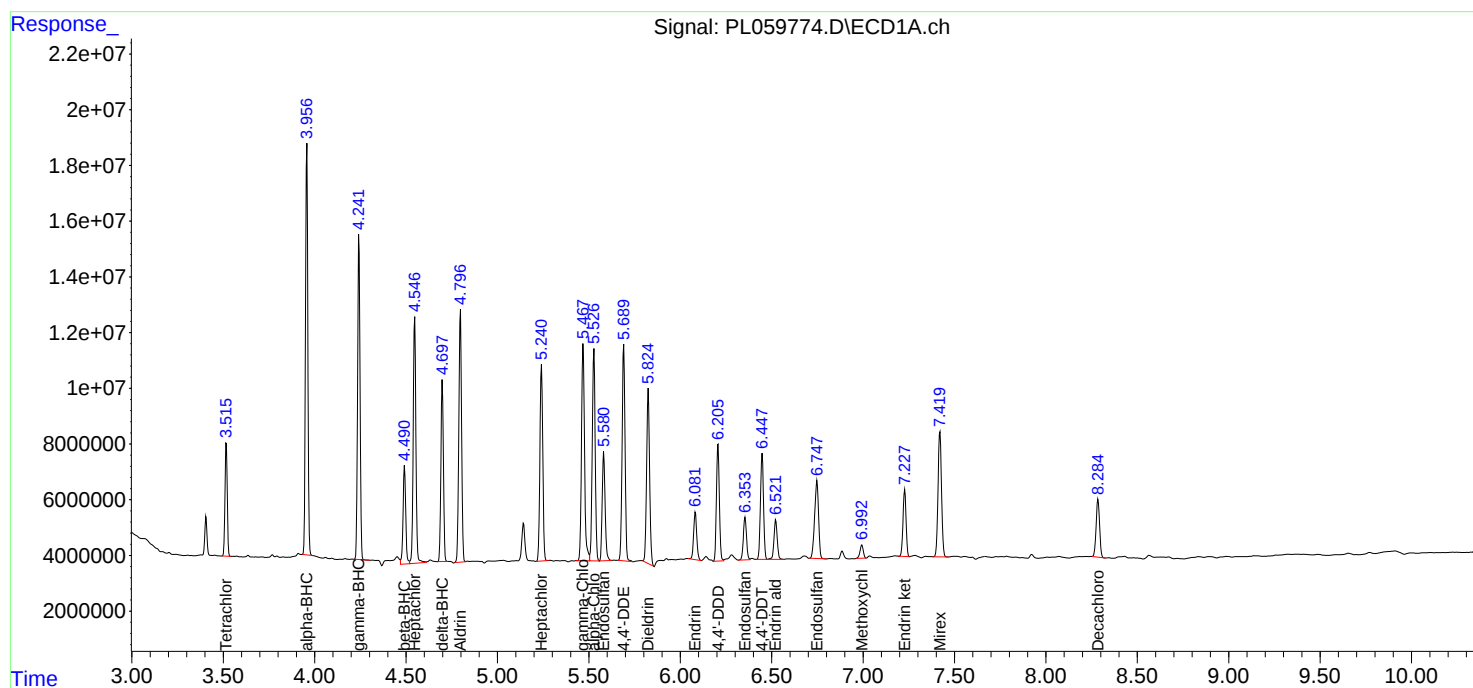
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

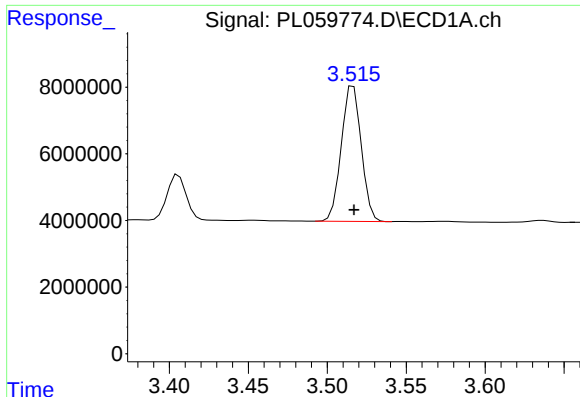
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070820\  
Data File : PL059774.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2020 14:33  
Operator : DD\AJ  
Sample : L3203-01MSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 17:20:10 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 01 01:23:58 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

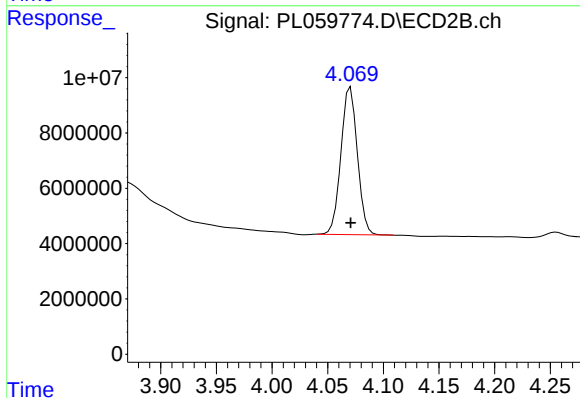




#1 Tetrachloro-m-xylene

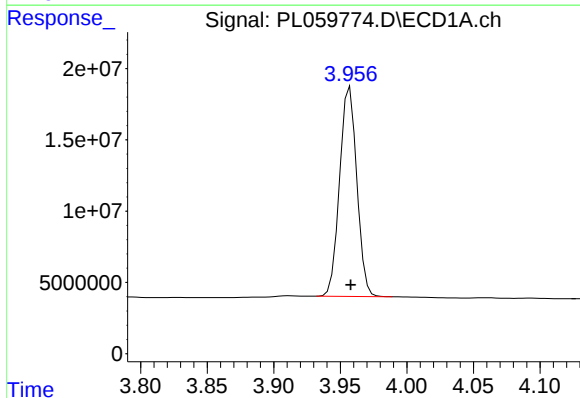
R.T.: 3.517 min  
Delta R.T.: 0.000 min  
Response: 35911769  
Conc: 19.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD



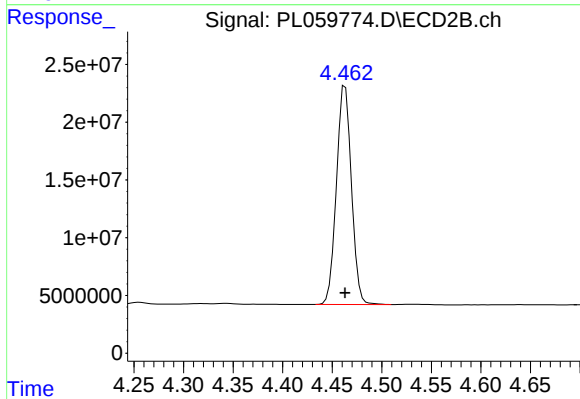
#1 Tetrachloro-m-xylene

R.T.: 4.071 min  
Delta R.T.: 0.000 min  
Response: 54734882  
Conc: 20.58 ng/ml



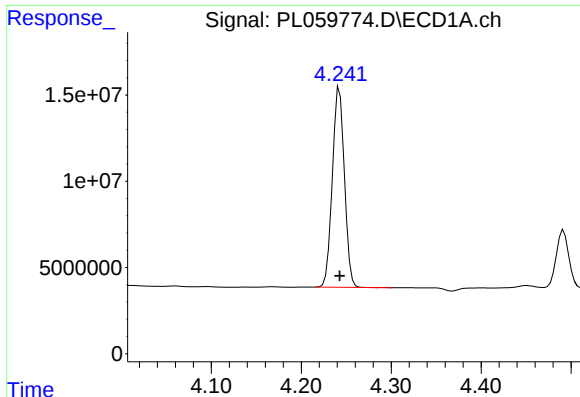
#2 alpha-BHC

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 132253174  
Conc: 51.42 ng/ml



#2 alpha-BHC

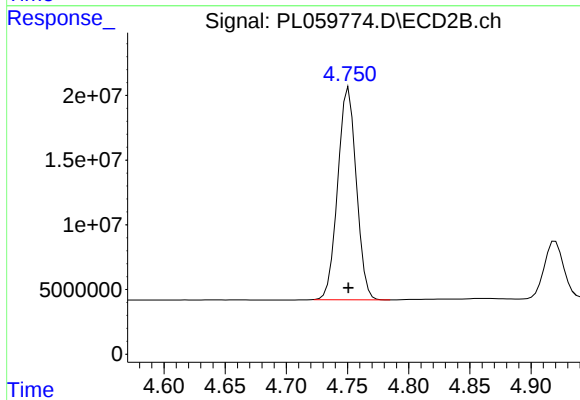
R.T.: 4.463 min  
Delta R.T.: 0.000 min  
Response: 199470939  
Conc: 51.22 ng/ml



#3 gamma-BHC (Lindane)

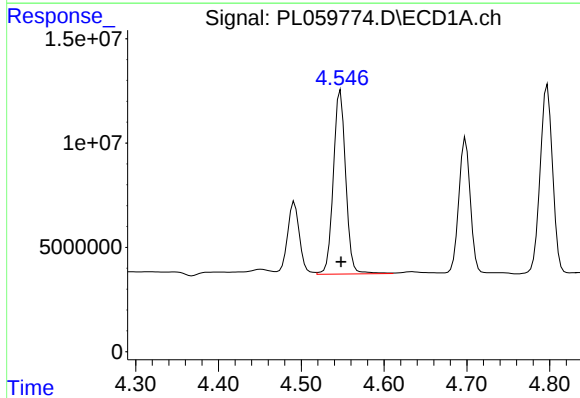
R.T.: 4.243 min  
Delta R.T.: 0.000 min  
Response: 108072650  
Conc: 47.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD



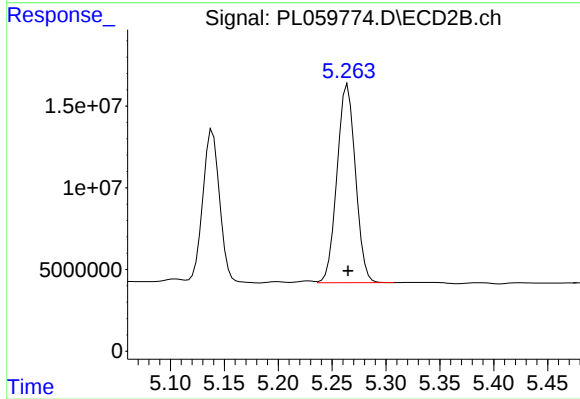
#3 gamma-BHC (Lindane)

R.T.: 4.751 min  
Delta R.T.: 0.000 min  
Response: 173429490  
Conc: 47.43 ng/ml



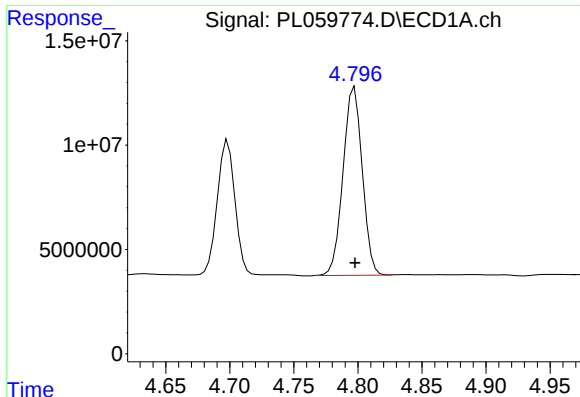
#4 Heptachlor

R.T.: 4.547 min  
Delta R.T.: 0.000 min  
Response: 91562082  
Conc: 43.83 ng/ml



#4 Heptachlor

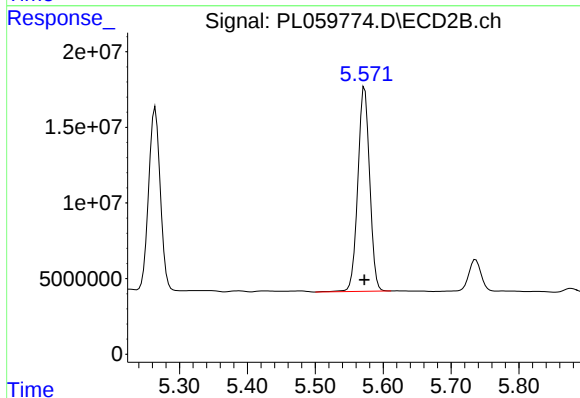
R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 144237630  
Conc: 41.17 ng/ml



#5 Aldrin

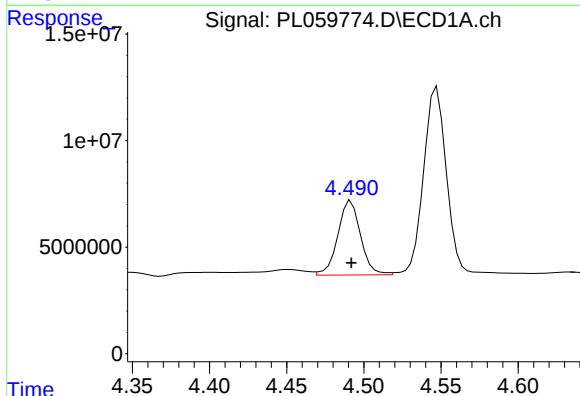
R.T.: 4.797 min  
Delta R.T.: 0.000 min  
Response: 94075962  
Conc: 54.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD



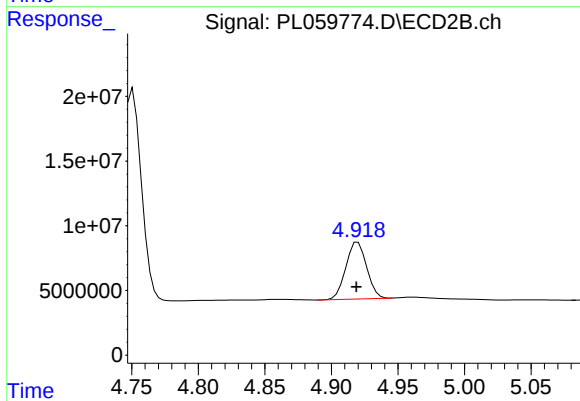
#5 Aldrin

R.T.: 5.573 min  
Delta R.T.: 0.000 min  
Response: 163511632  
Conc: 51.71 ng/ml



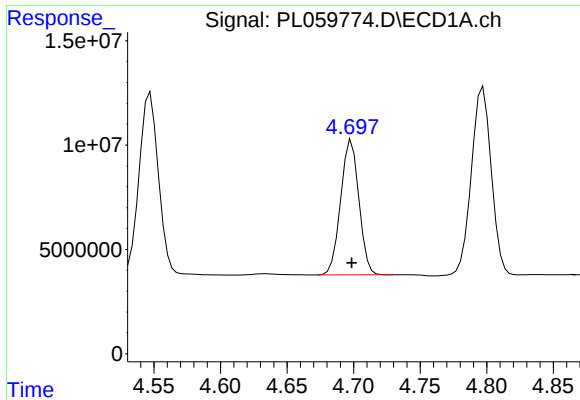
#6 beta-BHC

R.T.: 4.492 min  
Delta R.T.: 0.000 min  
Response: 35784226  
Conc: 38.14 ng/ml



#6 beta-BHC

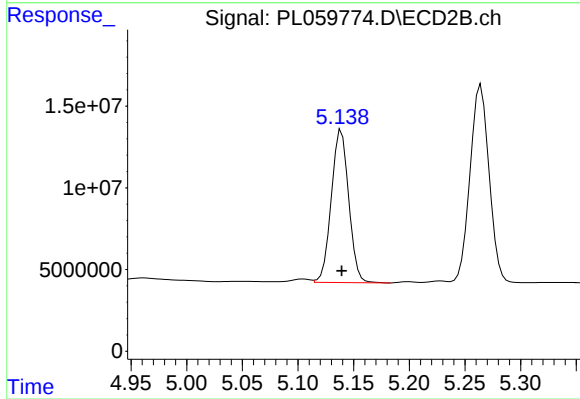
R.T.: 4.920 min  
Delta R.T.: 0.001 min  
Response: 47712640  
Conc: 30.99 ng/ml



#7 delta-BHC

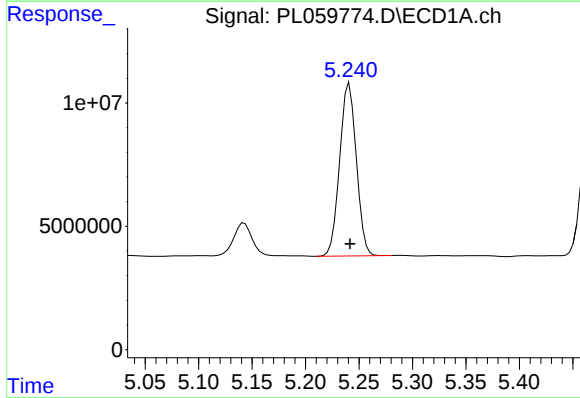
R.T.: 4.698 min  
Delta R.T.: 0.000 min  
Response: 61774064  
Conc: 31.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD



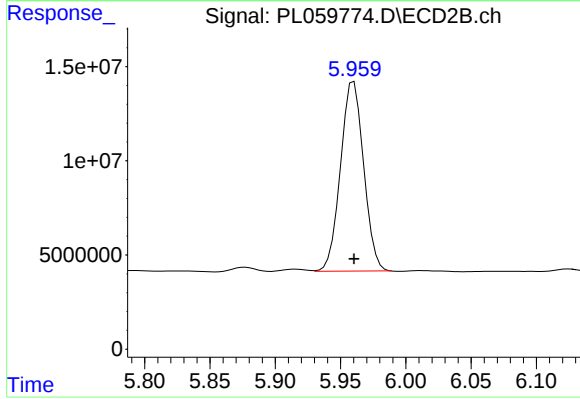
#7 delta-BHC

R.T.: 5.139 min  
Delta R.T.: 0.000 min  
Response: 101793584  
Conc: 34.80 ng/ml



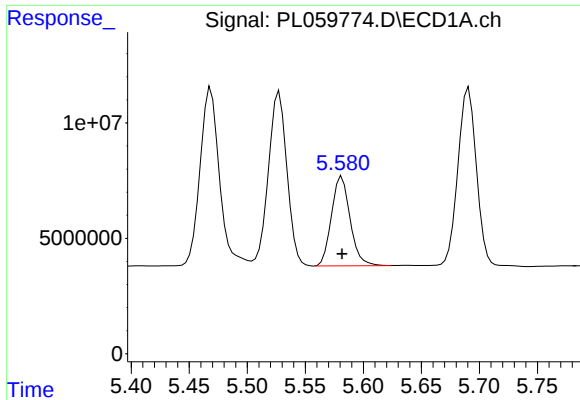
#8 Heptachlor epoxide

R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 76084019  
Conc: 46.93 ng/ml



#8 Heptachlor epoxide

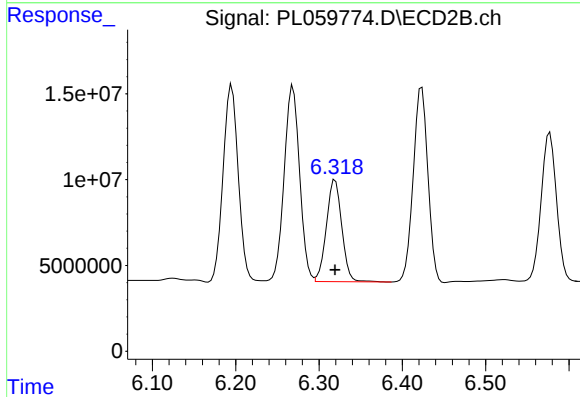
R.T.: 5.960 min  
Delta R.T.: 0.000 min  
Response: 123889925  
Conc: 50.98 ng/ml



#9 Endosulfan I

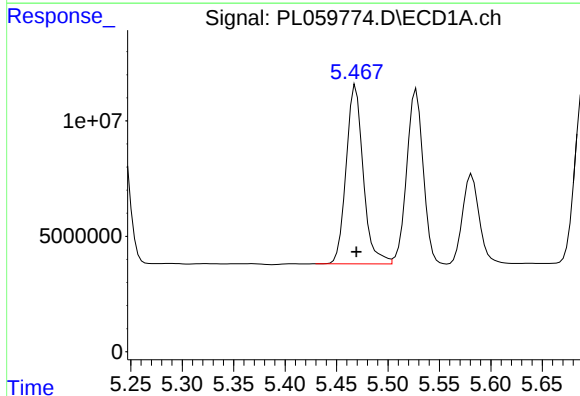
R.T.: 5.582 min  
Delta R.T.: 0.000 min  
Response: 43473639  
Conc: 28.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD



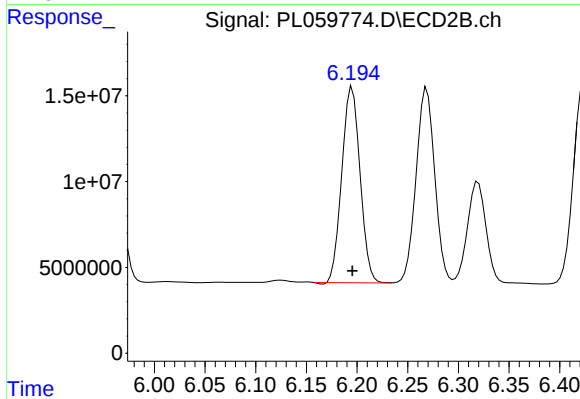
#9 Endosulfan I

R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 76146547  
Conc: 28.22 ng/ml



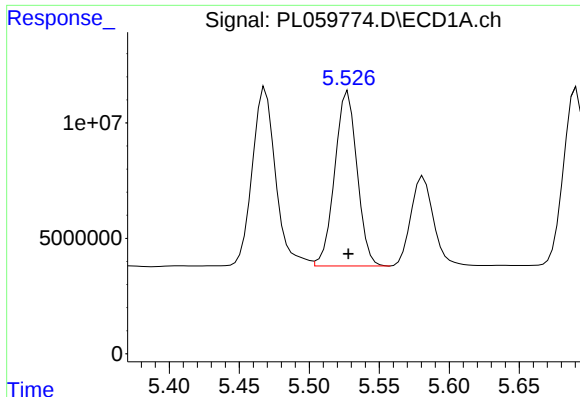
#10 gamma-Chlordane

R.T.: 5.469 min  
Delta R.T.: 0.000 min  
Response: 89598184  
Conc: 54.76 ng/ml



#10 gamma-Chlordane

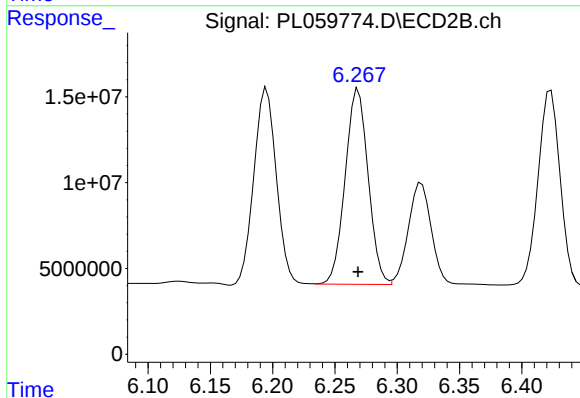
R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 142552016  
Conc: 48.34 ng/ml



#11 alpha-Chlordane

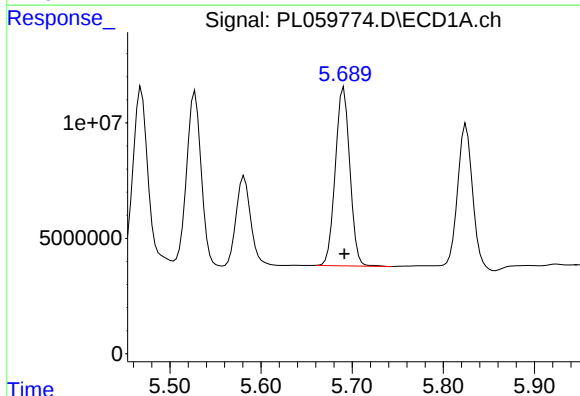
R.T.: 5.528 min  
Delta R.T.: 0.000 min  
Response: 84088039  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD



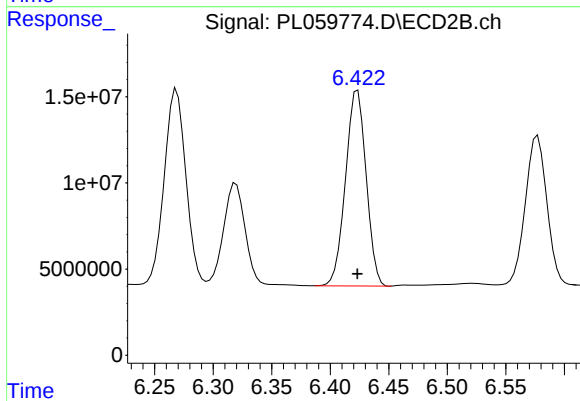
#11 alpha-Chlordane

R.T.: 6.269 min  
Delta R.T.: 0.000 min  
Response: 146723953  
Conc: 49.61 ng/ml



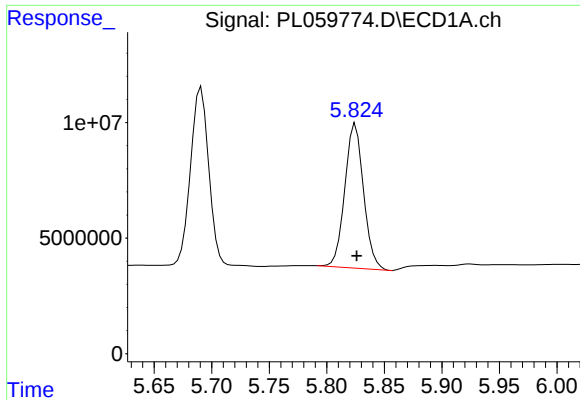
#12 4,4'-DDE

R.T.: 5.691 min  
Delta R.T.: 0.000 min  
Response: 85790874  
Conc: 57.23 ng/ml



#12 4,4'-DDE

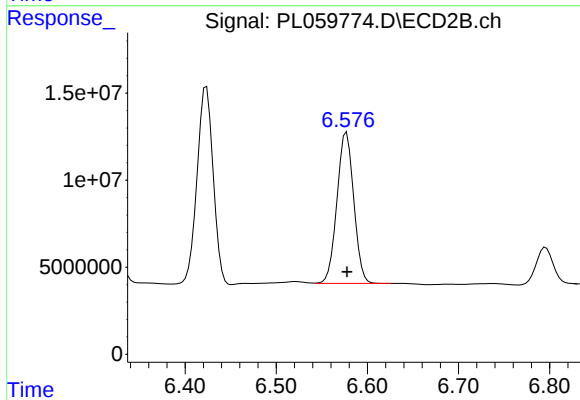
R.T.: 6.423 min  
Delta R.T.: 0.000 min  
Response: 139554779  
Conc: 52.31 ng/ml



#13 Dieldrin

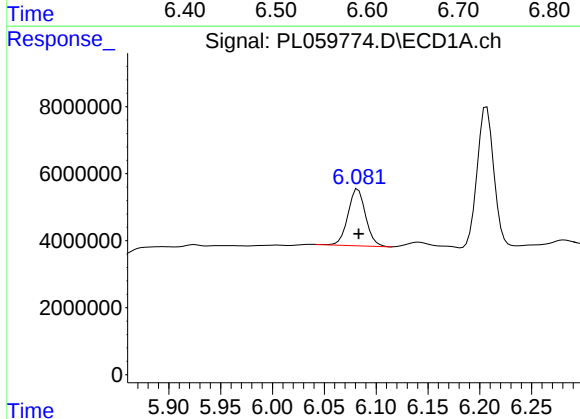
R.T.: 5.825 min  
Delta R.T.: 0.000 min  
Response: 71185503  
Conc: 44.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD



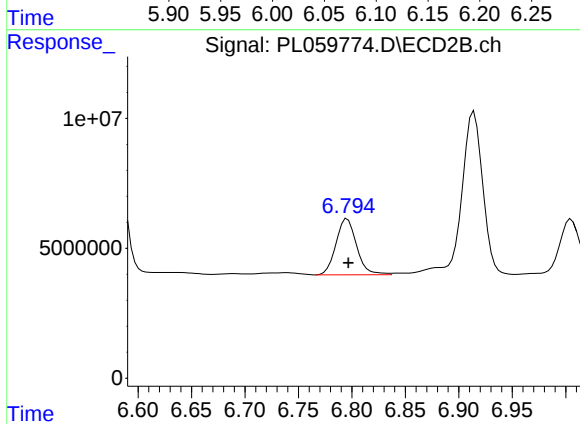
#13 Dieldrin

R.T.: 6.577 min  
Delta R.T.: 0.000 min  
Response: 111080662  
Conc: 39.42 ng/ml



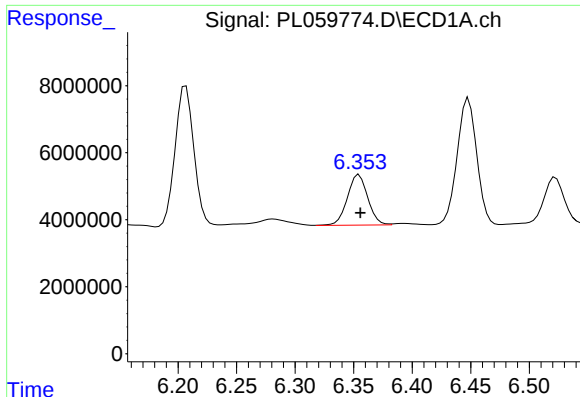
#14 Endrin

R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 20068436  
Conc: 13.57 ng/ml



#14 Endrin

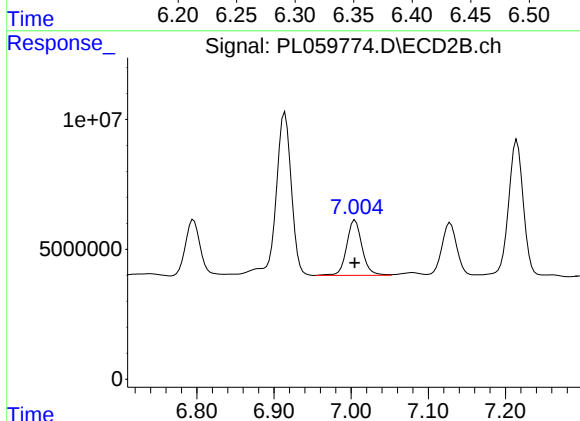
R.T.: 6.796 min  
Delta R.T.: 0.000 min  
Response: 28976197  
Conc: 11.78 ng/ml



#15 Endosulfan II

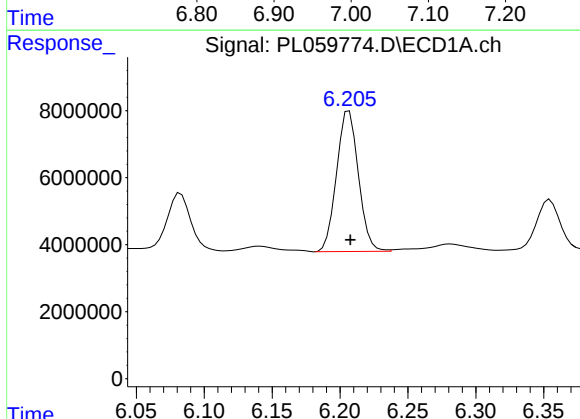
R.T.: 6.355 min  
Delta R.T.: -0.001 min  
Response: 18259253  
Conc: 12.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD



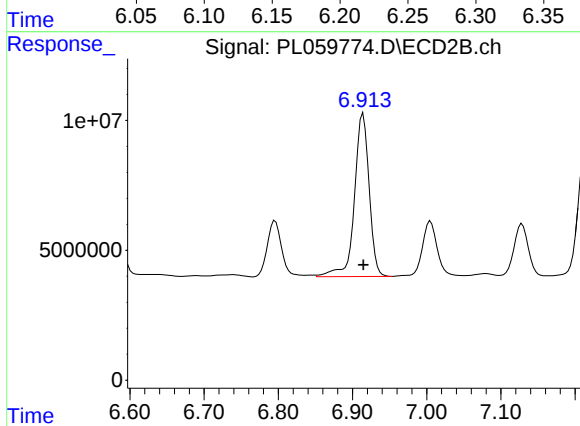
#15 Endosulfan II

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 29667653  
Conc: 11.55 ng/ml



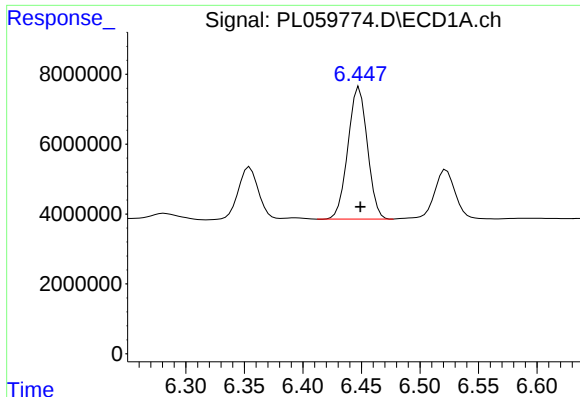
#16 4,4'-DDD

R.T.: 6.207 min  
Delta R.T.: 0.000 min  
Response: 47062030  
Conc: 35.26 ng/ml



#16 4,4'-DDD

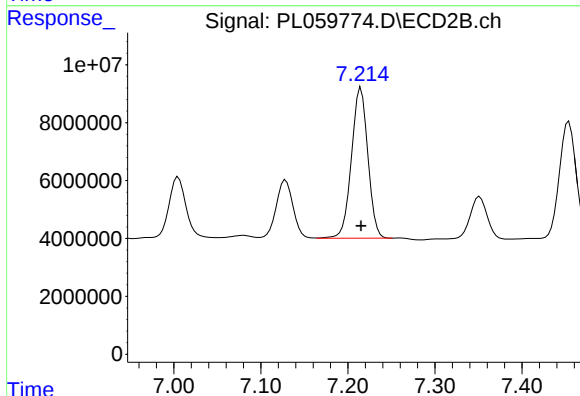
R.T.: 6.914 min  
Delta R.T.: 0.000 min  
Response: 86452519  
Conc: 36.31 ng/ml



#17 4,4'-DDT

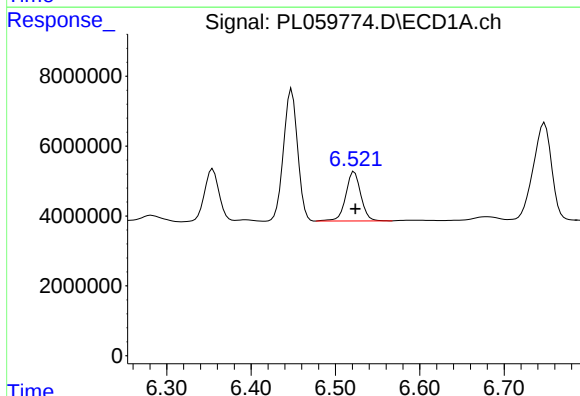
R.T.: 6.448 min  
Delta R.T.: 0.000 min  
Response: 43747672  
Conc: 34.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD



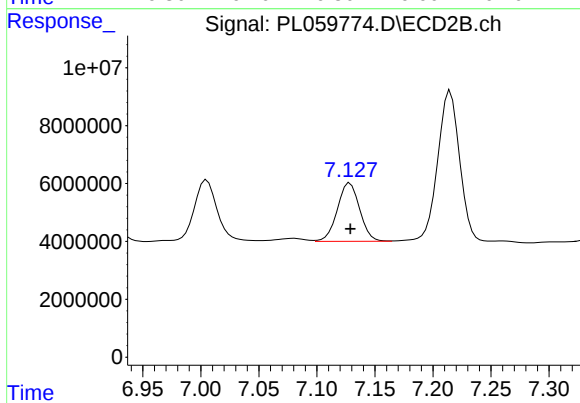
#17 4,4'-DDT

R.T.: 7.215 min  
Delta R.T.: 0.000 min  
Response: 68153791  
Conc: 30.14 ng/ml



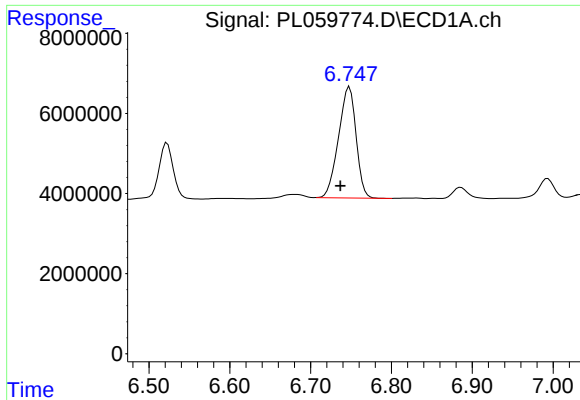
#18 Endrin aldehyde

R.T.: 6.522 min  
Delta R.T.: -0.001 min  
Response: 17512038  
Conc: 13.88 ng/ml



#18 Endrin aldehyde

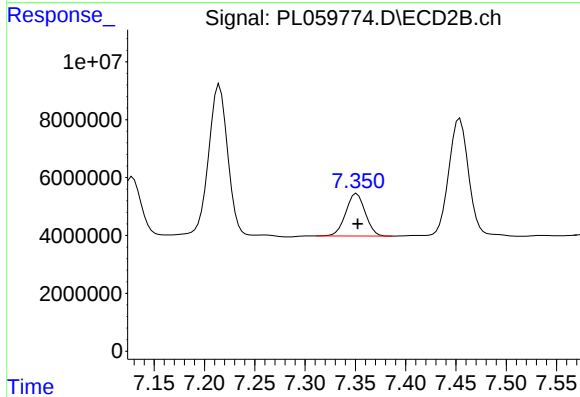
R.T.: 7.128 min  
Delta R.T.: 0.000 min  
Response: 26970152  
Conc: 12.17 ng/ml



#19 Endosulfan Sulfate

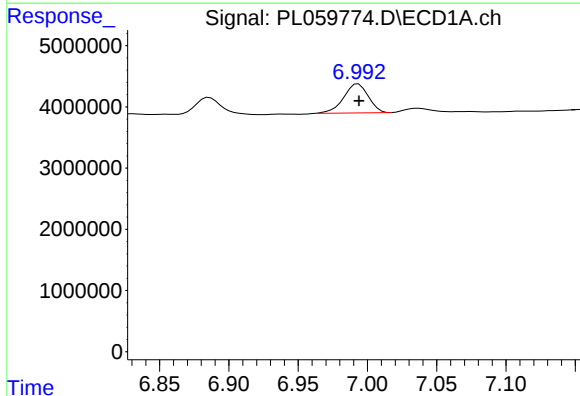
R.T.: 6.748 min  
Delta R.T.: 0.011 min  
Response: 41859849  
Conc: 29.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD



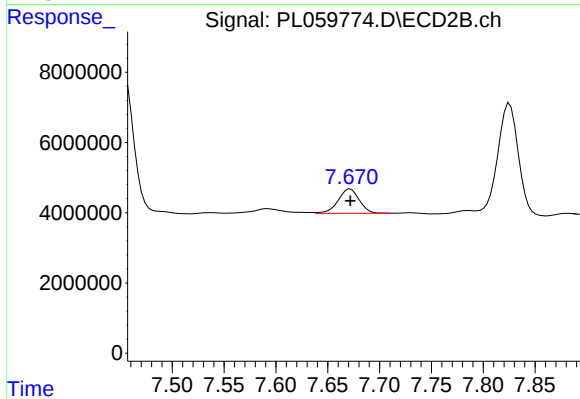
#19 Endosulfan Sulfate

R.T.: 7.351 min  
Delta R.T.: 0.000 min  
Response: 19767076  
Conc: 8.26 ng/ml



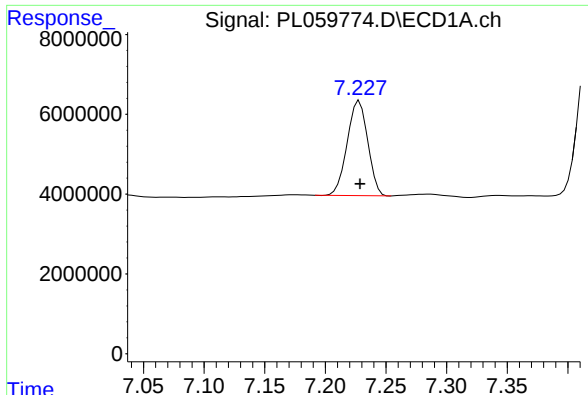
#20 Methoxychlor

R.T.: 6.993 min  
Delta R.T.: 0.000 min  
Response: 5894080  
Conc: 7.70 ng/ml



#20 Methoxychlor

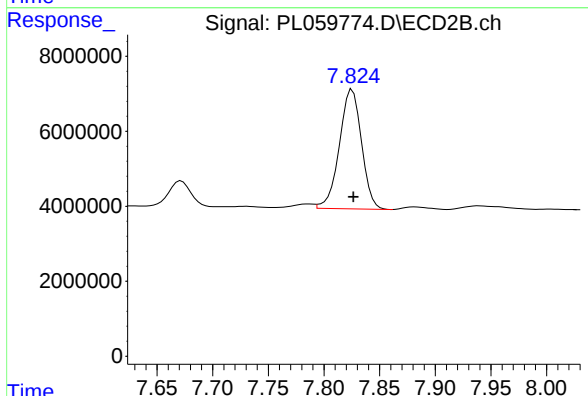
R.T.: 7.672 min  
Delta R.T.: 0.000 min  
Response: 9795266  
Conc: 7.59 ng/ml



#21 Endrin ketone

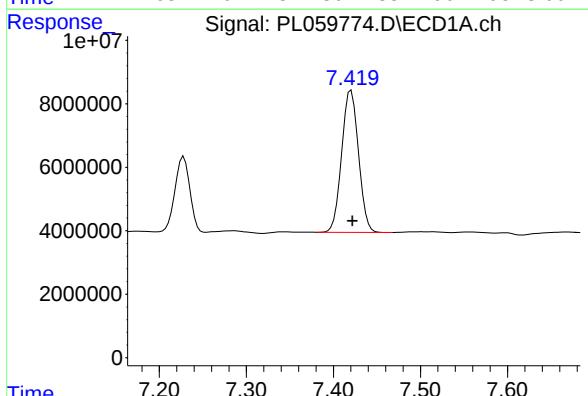
R.T.: 7.228 min  
Delta R.T.: 0.000 min  
Response: 28101884  
Conc: 17.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD



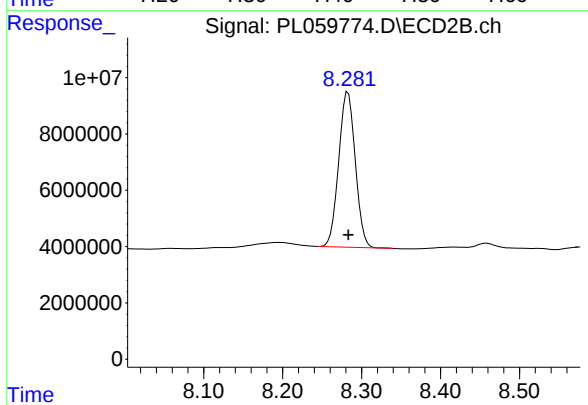
#21 Endrin ketone

R.T.: 7.826 min  
Delta R.T.: 0.000 min  
Response: 44175222  
Conc: 17.53 ng/ml



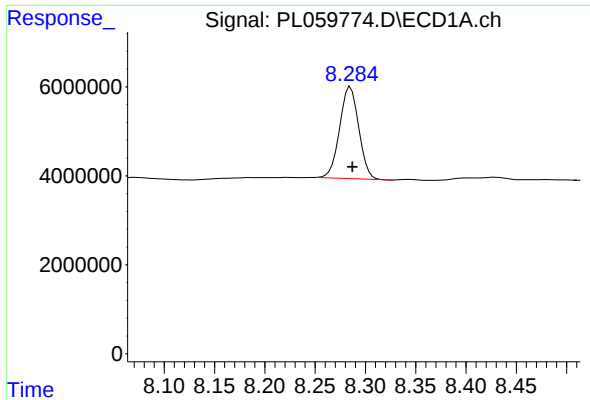
#22 Mirex

R.T.: 7.420 min  
Delta R.T.: -0.001 min  
Response: 60134251  
Conc: 46.31 ng/ml



#22 Mirex

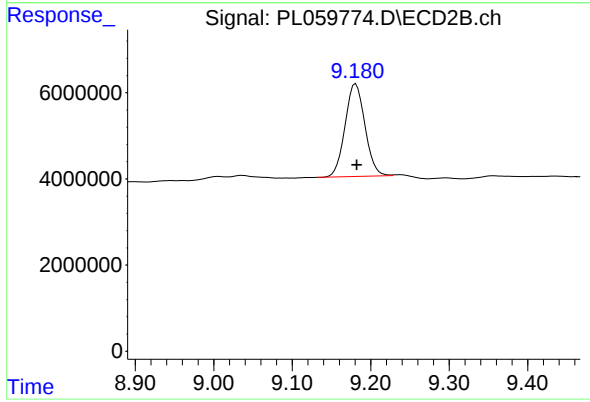
R.T.: 8.283 min  
Delta R.T.: 0.000 min  
Response: 80492856  
Conc: 42.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.285 min  
Delta R.T.: -0.002 min  
Response: 27180829  
Conc: 17.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-24MSD



#28 Decachlorobiphenyl

R.T.: 9.181 min  
Delta R.T.: 0.000 min  
Response: 37971734  
Conc: 17.47 ng/ml