

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051222\  
 Data File : PL074663.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 May 2022 12:46  
 Operator : AR\AJ  
 Sample : PB144705BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 15 21:13:27 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051122.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 14 02:37:15 2022  
 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... | 5.647  | 4.652  | 10398375 | 25689548 | 20.480   | 18.717    |
| 28)                         | SA Decachlor... | 11.646 | 10.405 | 10562540 | 24342090 | 23.652   | 23.716    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.231  | 5.355  | 36352753 | 84781993 | 53.136   | 50.379    |
| 3)                          | MA gamma-BHC... | 6.629  | 5.775  | 34199748 | 81334820 | 52.982   | 49.222    |
| 4)                          | MA Heptachlor   | 7.285  | 6.186  | 32641178 | 73524994 | 50.577   | 48.440    |
| 5)                          | MB Aldrin       | 7.658  | 6.511  | 32859693 | 77210937 | 53.044   | 51.458    |
| 6)                          | B beta-BHC      | 6.880  | 6.152  | 15236930 | 36764765 | 51.053   | 46.305    |
| 7)                          | B delta-BHC     | 7.151  | 6.413  | 33331539 | 79607902 | 53.157   | 50.910    |
| 8)                          | B Heptachlo...  | 8.126  | 7.084  | 30380897 | 70184068 | 53.417   | 50.427    |
| 9)                          | A Endosulfan I  | 8.534  | 7.486  | 29888626 | 63005961 | 51.845   | 50.359    |
| 10)                         | B gamma-Chl...  | 8.396  | 7.360  | 28958861 | 70283220 | 55.986   | 50.715    |
| 11)                         | B alpha-Chl...  | 8.479  | 7.430  | 32336943 | 69535179 | 52.968   | 51.438    |
| 12)                         | B 4,4'-DDE      | 8.664  | 7.642  | 25763293 | 61573088 | 55.653   | 52.327    |
| 13)                         | MA Dieldrin     | 8.825  | 7.771  | 29317539 | 68552424 | 55.778   | 53.813    |
| 14)                         | MA Endrin       | 9.066  | 8.062  | 22634545 | 56577138 | 54.850   | 53.561    |
| 15)                         | B Endosulfa...  | 9.299  | 8.371  | 25625292 | 60139777 | 58.291   | 53.240    |
| 16)                         | A 4,4'-DDD      | 9.205  | 8.226  | 24363669 | 54125683 | 53.887   | 54.942    |
| 17)                         | MA 4,4'-DDT     | 9.525  | 8.487  | 21750830 | 47466376 | 47.322   | 47.442    |
| 18)                         | B Endrin al...  | 9.434  | 8.559  | 21656526 | 46860695 | 61.191   | 58.672    |
| 19)                         | B Endosulfa...  | 9.672  | 8.789  | 24665968 | 57153836 | 54.574   | 52.505    |
| 20)                         | A Methoxychlor  | 10.011 | 9.080  | 12512968 | 29083518 | 51.092   | 49.767    |
| 21)                         | B Endrin ke...  | 10.175 | 9.307  | 28743200 | 62196252 | 56.047   | 55.787    |
| 22)                         | Mirex           | 10.649 | 9.497  | 22401190 | 51064993 | 55.516   | 52.721    |
| 24)                         | Chlordane-2     | 7.658f | 0.000  | 32859693 | 0        | 1482.567 | N.D. #    |
| 25)                         | Chlordane-3     | 8.396  | 7.360  | 28958861 | 70283220 | 423.009  | 541.515 # |
| 26)                         | Chlordane-4     | 8.479  | 7.430  | 32336943 | 69535179 | 335.654  | 507.232 # |
| -----                       |                 |        |        |          |          |          |           |

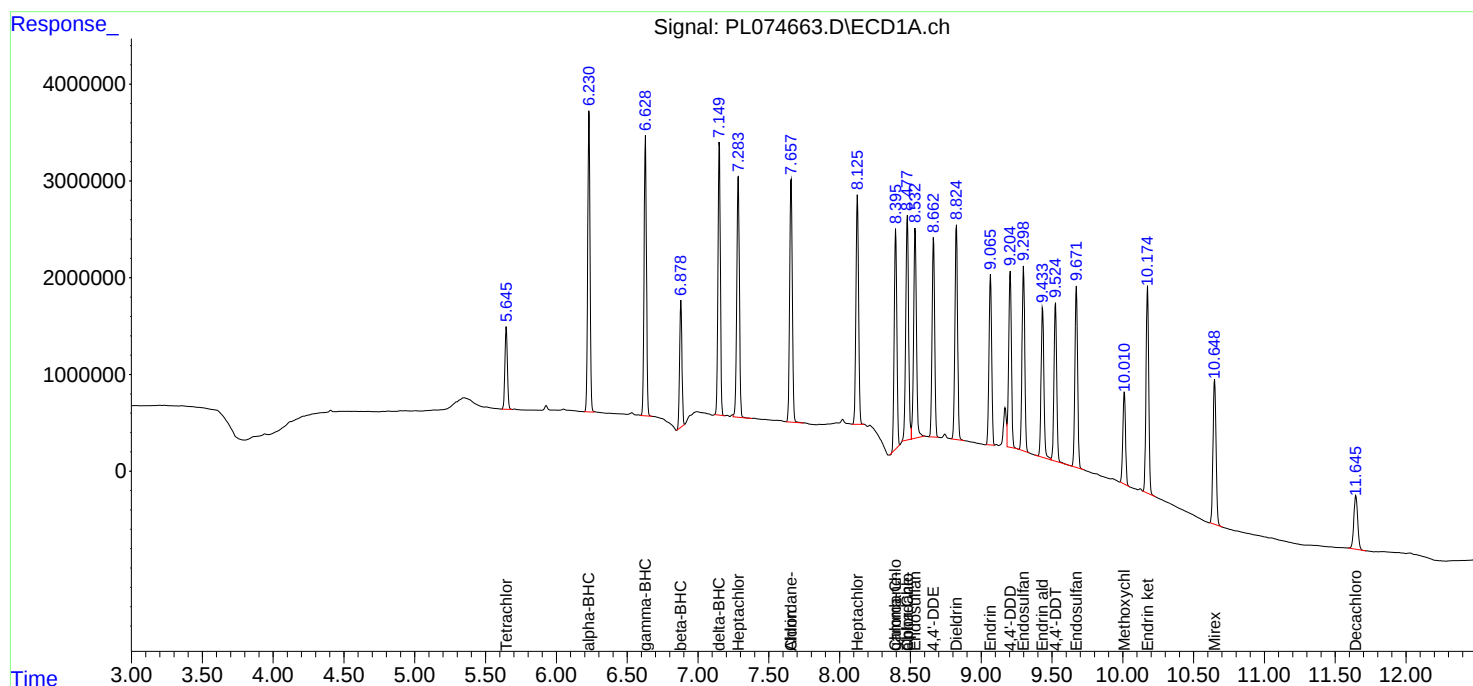
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

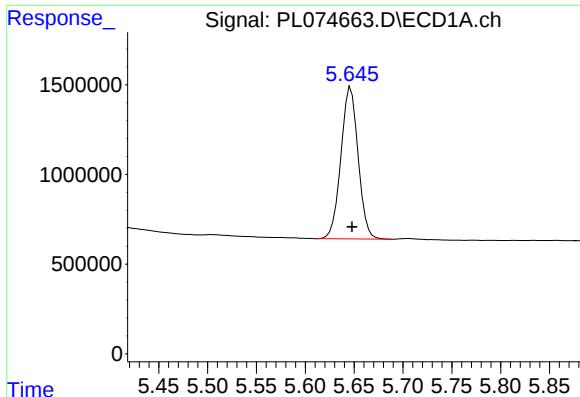
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051222\  
Data File : PL074663.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 May 2022 12:46  
Operator : AR\AJ  
Sample : PB144705BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 15 21:13:27 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051122.M  
Quant Title : GC Extractables  
QLast Update : Sat May 14 02:37:15 2022  
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

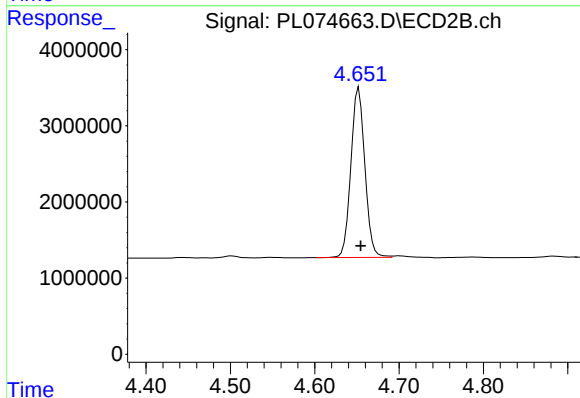




#1 Tetrachloro-m-xylene

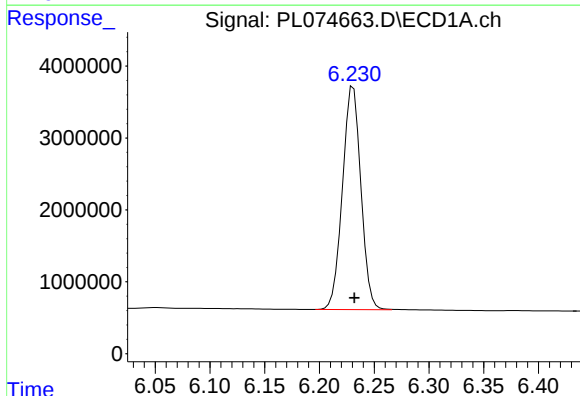
R.T.: 5.647 min  
Delta R.T.: -0.001 min  
Response: 10398375  
Conc: 20.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



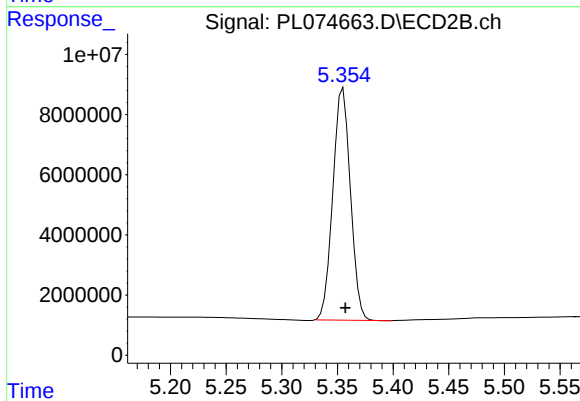
#1 Tetrachloro-m-xylene

R.T.: 4.652 min  
Delta R.T.: -0.002 min  
Response: 25689548  
Conc: 18.72 ng/ml



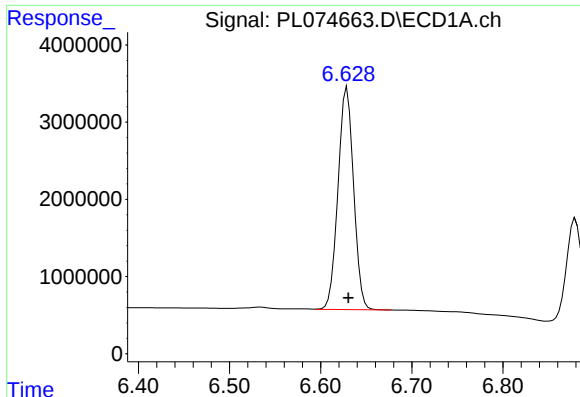
#2 alpha-BHC

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 36352753  
Conc: 53.14 ng/ml



#2 alpha-BHC

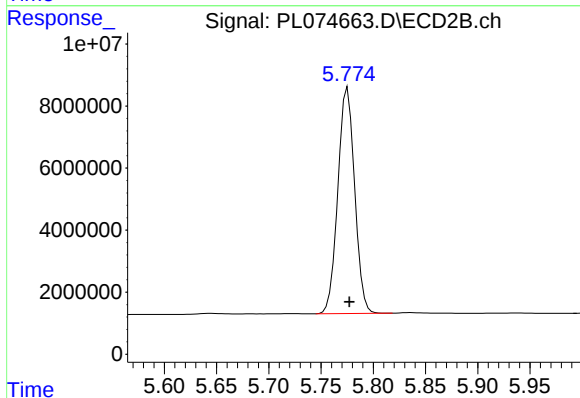
R.T.: 5.355 min  
Delta R.T.: -0.002 min  
Response: 84781993  
Conc: 50.38 ng/ml



#3 gamma-BHC (Lindane)

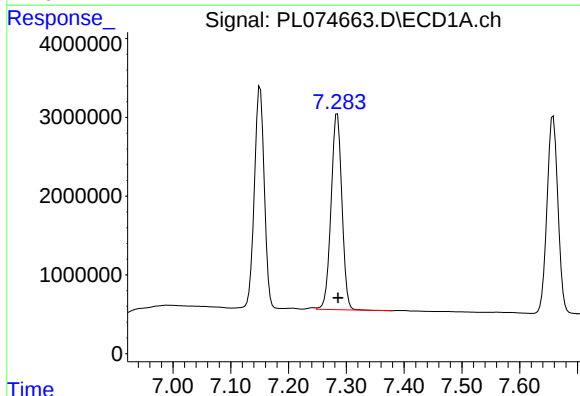
R.T.: 6.629 min  
Delta R.T.: -0.001 min  
Response: 34199748  
Conc: 52.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



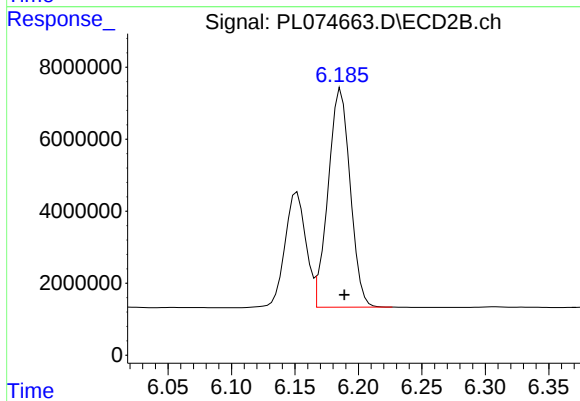
#3 gamma-BHC (Lindane)

R.T.: 5.775 min  
Delta R.T.: -0.002 min  
Response: 81334820  
Conc: 49.22 ng/ml



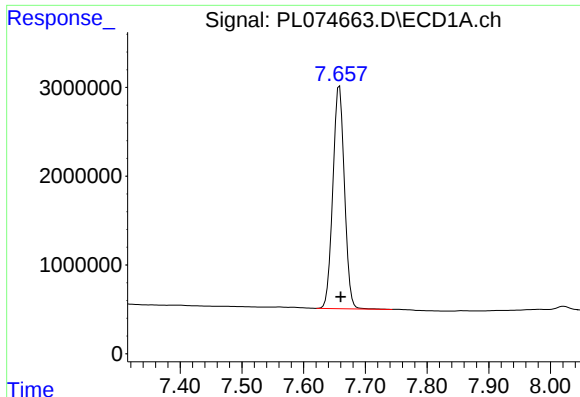
#4 Heptachlor

R.T.: 7.285 min  
Delta R.T.: -0.001 min  
Response: 32641178  
Conc: 50.58 ng/ml



#4 Heptachlor

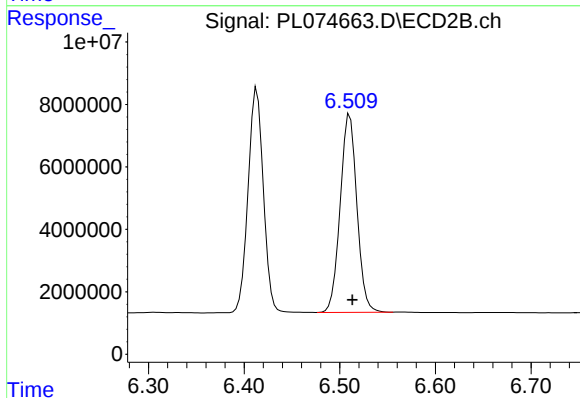
R.T.: 6.186 min  
Delta R.T.: -0.003 min  
Response: 73524994  
Conc: 48.44 ng/ml



#5 Aldrin

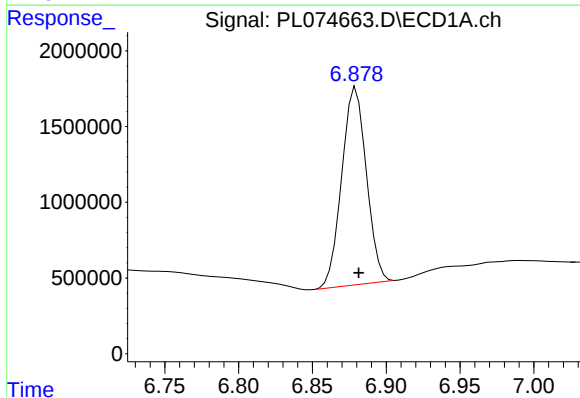
R.T.: 7.658 min  
Delta R.T.: -0.002 min  
Response: 32859693  
Conc: 53.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



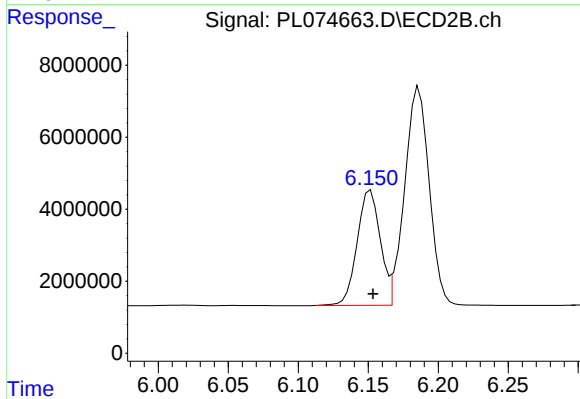
#5 Aldrin

R.T.: 6.511 min  
Delta R.T.: -0.003 min  
Response: 77210937  
Conc: 51.46 ng/ml



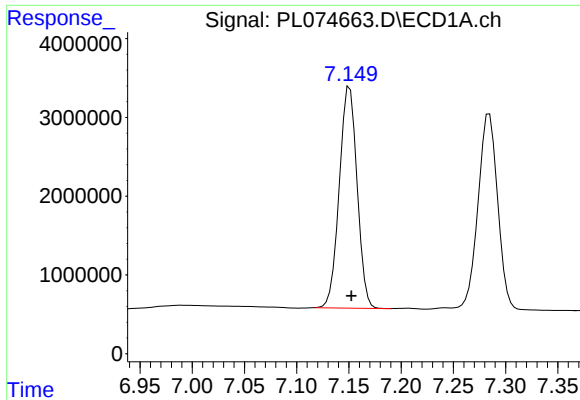
#6 beta-BHC

R.T.: 6.880 min  
Delta R.T.: -0.002 min  
Response: 15236930  
Conc: 51.05 ng/ml



#6 beta-BHC

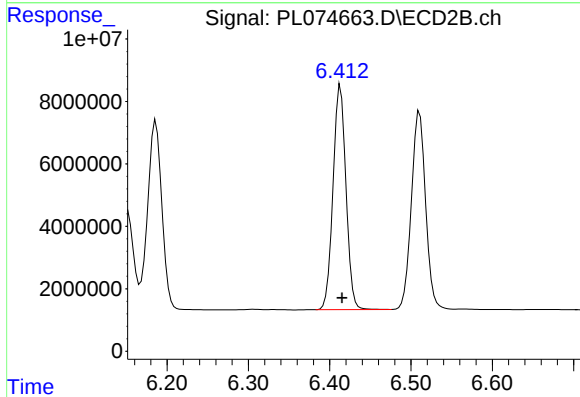
R.T.: 6.152 min  
Delta R.T.: -0.002 min  
Response: 36764765  
Conc: 46.30 ng/ml



#7 delta-BHC

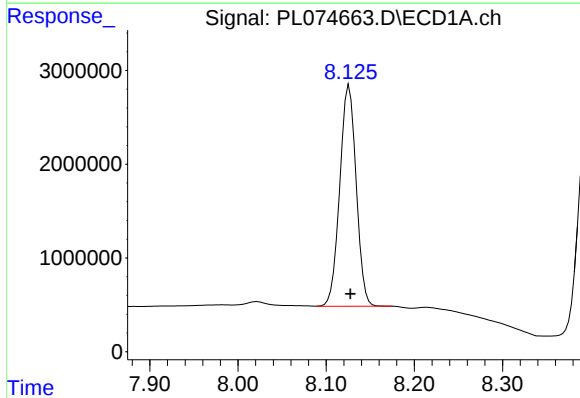
R.T.: 7.151 min  
Delta R.T.: -0.002 min  
Response: 33331539  
Conc: 53.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



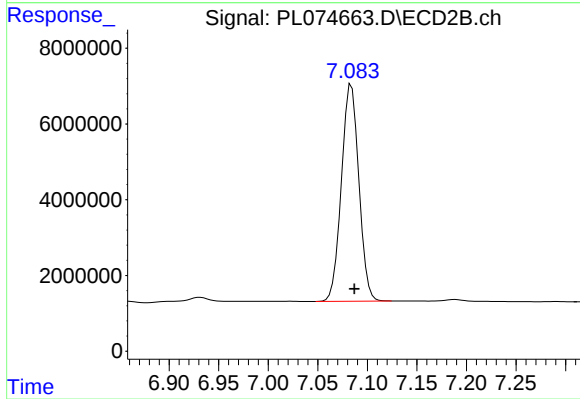
#7 delta-BHC

R.T.: 6.413 min  
Delta R.T.: -0.002 min  
Response: 79607902  
Conc: 50.91 ng/ml



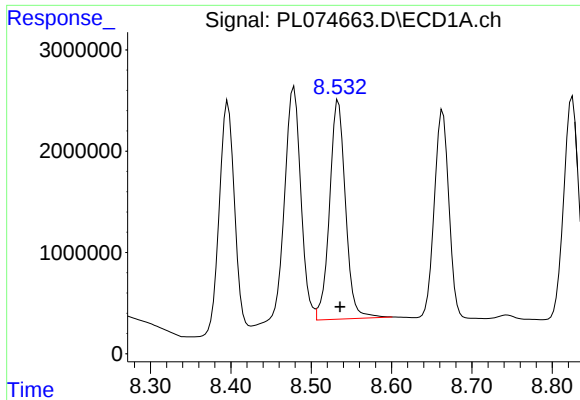
#8 Heptachlor epoxide

R.T.: 8.126 min  
Delta R.T.: -0.001 min  
Response: 30380897  
Conc: 53.42 ng/ml



#8 Heptachlor epoxide

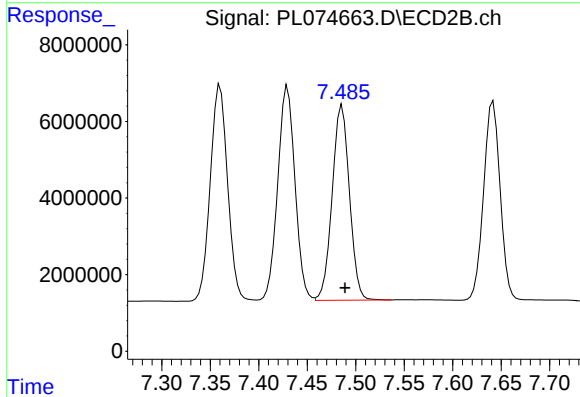
R.T.: 7.084 min  
Delta R.T.: -0.003 min  
Response: 70184068  
Conc: 50.43 ng/ml



#9 Endosulfan I

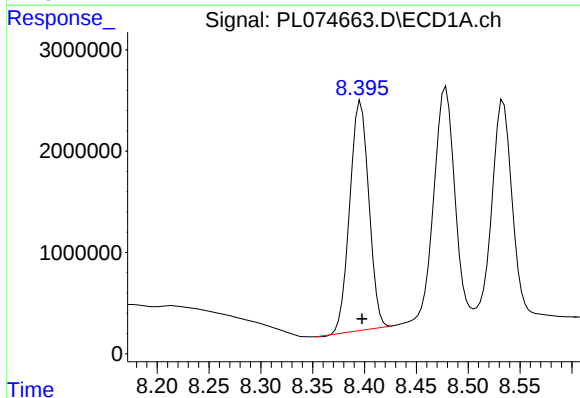
R.T.: 8.534 min  
Delta R.T.: -0.002 min  
Response: 29888626  
Conc: 51.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



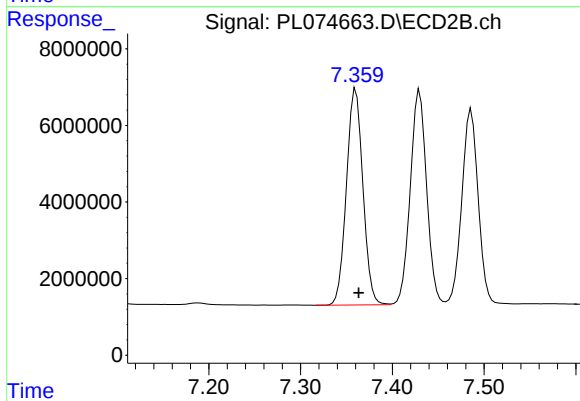
#9 Endosulfan I

R.T.: 7.486 min  
Delta R.T.: -0.003 min  
Response: 63005961  
Conc: 50.36 ng/ml



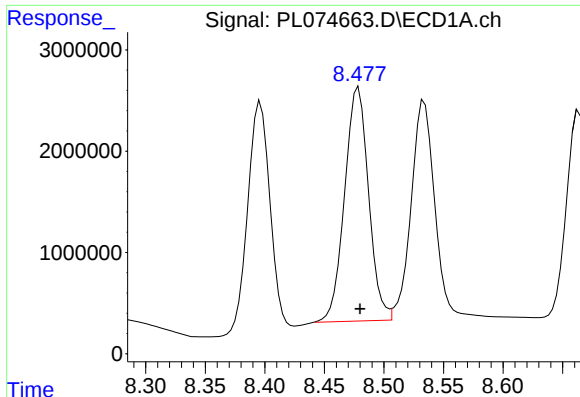
#10 gamma-Chlordane

R.T.: 8.396 min  
Delta R.T.: -0.001 min  
Response: 28958861  
Conc: 55.99 ng/ml



#10 gamma-Chlordane

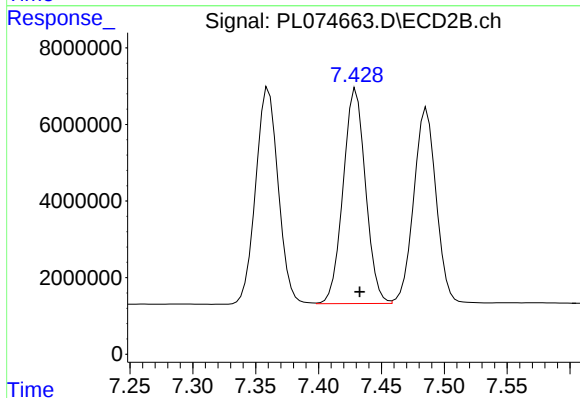
R.T.: 7.360 min  
Delta R.T.: -0.003 min  
Response: 70283220  
Conc: 50.72 ng/ml



#11 alpha-Chlordane

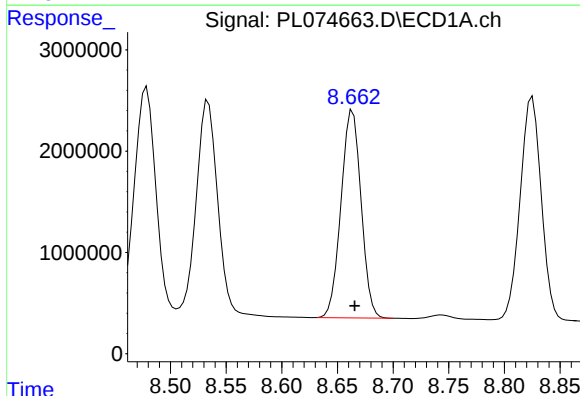
R.T.: 8.479 min  
Delta R.T.: -0.001 min  
Response: 32336943  
Conc: 52.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



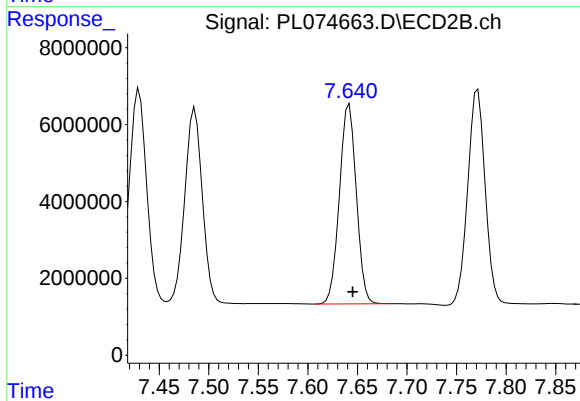
#11 alpha-Chlordane

R.T.: 7.430 min  
Delta R.T.: -0.003 min  
Response: 69535179  
Conc: 51.44 ng/ml



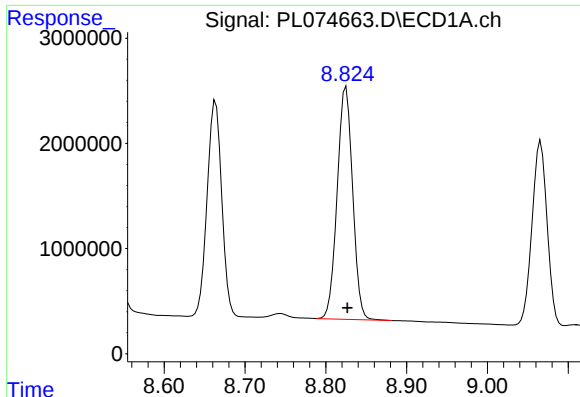
#12 4,4'-DDE

R.T.: 8.664 min  
Delta R.T.: -0.002 min  
Response: 25763293  
Conc: 55.65 ng/ml



#12 4,4'-DDE

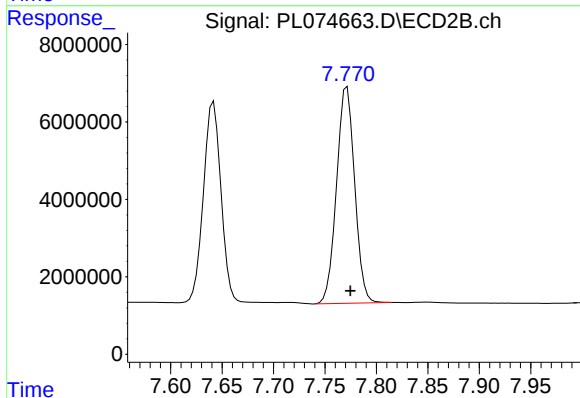
R.T.: 7.642 min  
Delta R.T.: -0.003 min  
Response: 61573088  
Conc: 52.33 ng/ml



#13 Dieldrin

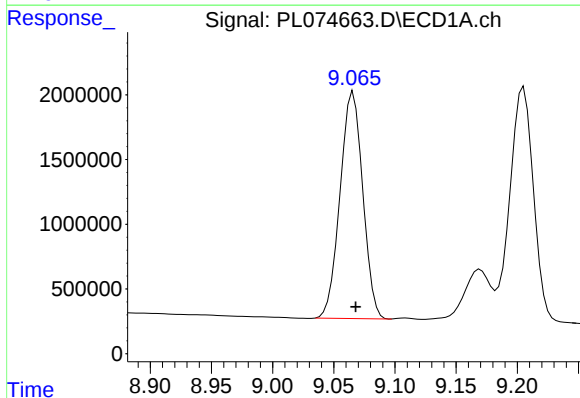
R.T.: 8.825 min  
Delta R.T.: -0.001 min  
Response: 29317539  
Conc: 55.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



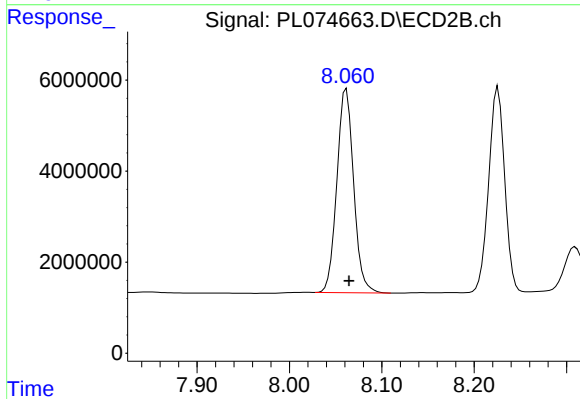
#13 Dieldrin

R.T.: 7.771 min  
Delta R.T.: -0.003 min  
Response: 68552424  
Conc: 53.81 ng/ml



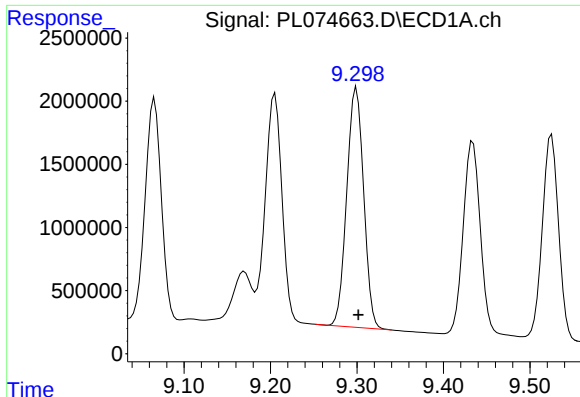
#14 Endrin

R.T.: 9.066 min  
Delta R.T.: -0.002 min  
Response: 22634545  
Conc: 54.85 ng/ml



#14 Endrin

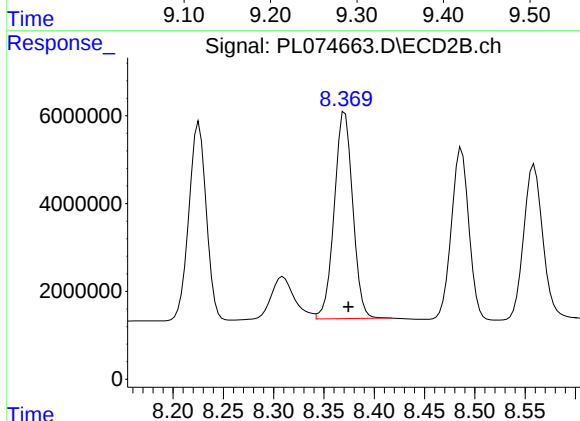
R.T.: 8.062 min  
Delta R.T.: -0.003 min  
Response: 56577138  
Conc: 53.56 ng/ml



#15 Endosulfan II

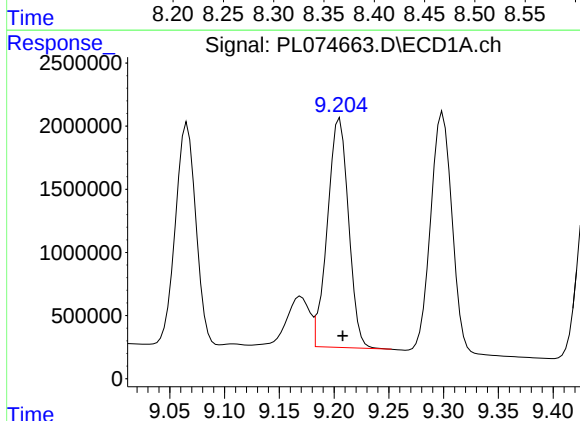
R.T.: 9.299 min  
Delta R.T.: -0.002 min  
Response: 25625292  
Conc: 58.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



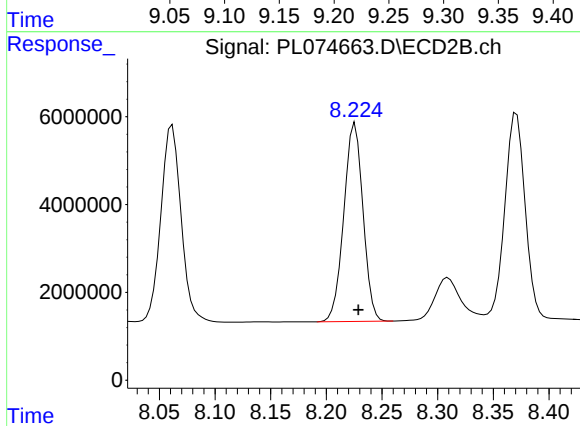
#15 Endosulfan II

R.T.: 8.371 min  
Delta R.T.: -0.003 min  
Response: 60139777  
Conc: 53.24 ng/ml



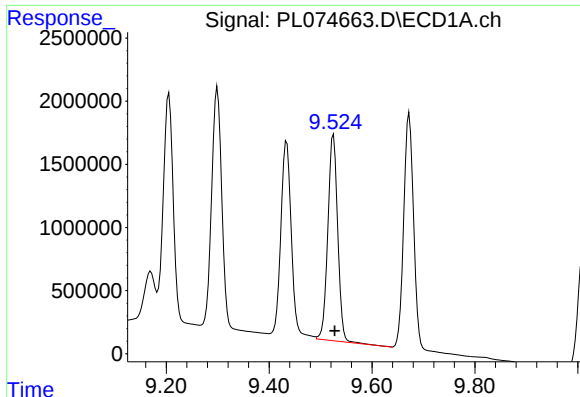
#16 4,4'-DDD

R.T.: 9.205 min  
Delta R.T.: -0.003 min  
Response: 24363669  
Conc: 53.89 ng/ml



#16 4,4'-DDD

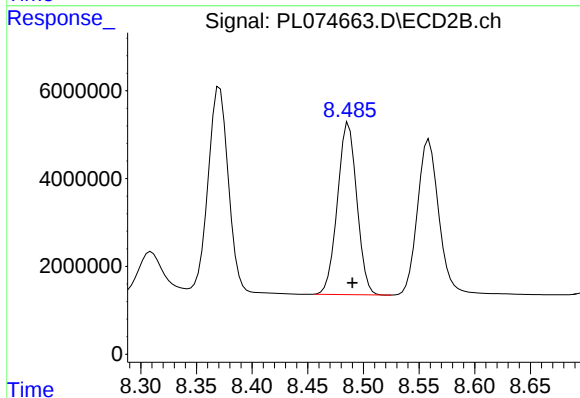
R.T.: 8.226 min  
Delta R.T.: -0.003 min  
Response: 54125683  
Conc: 54.94 ng/ml



#17 4,4'-DDT

R.T.: 9.525 min  
Delta R.T.: -0.002 min  
Response: 21750830  
Conc: 47.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#17 4,4'-DDT

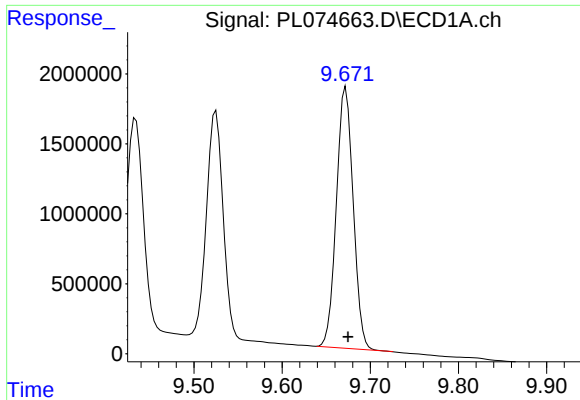
R.T.: 8.487 min  
Delta R.T.: -0.003 min  
Response: 47466376  
Conc: 47.44 ng/ml

#18 Endrin aldehyde

R.T.: 9.434 min  
Delta R.T.: -0.002 min  
Response: 21656526  
Conc: 61.19 ng/ml

#18 Endrin aldehyde

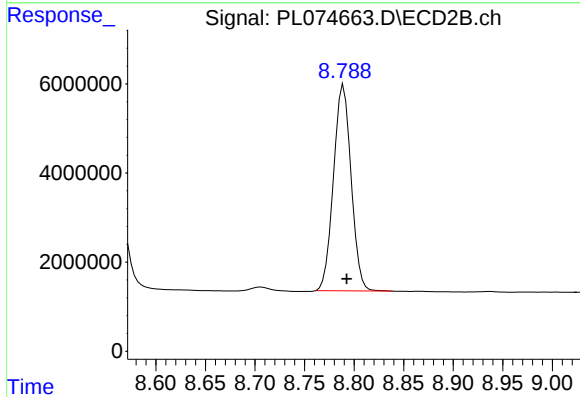
R.T.: 8.559 min  
Delta R.T.: -0.003 min  
Response: 46860695  
Conc: 58.67 ng/ml



#19 Endosulfan Sulfate

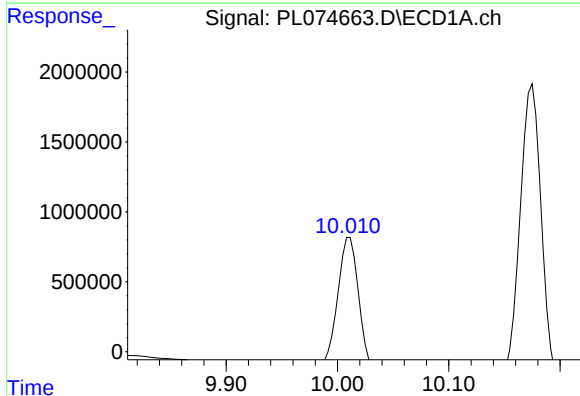
R.T.: 9.672 min  
Delta R.T.: -0.003 min  
Response: 24665968  
Conc: 54.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



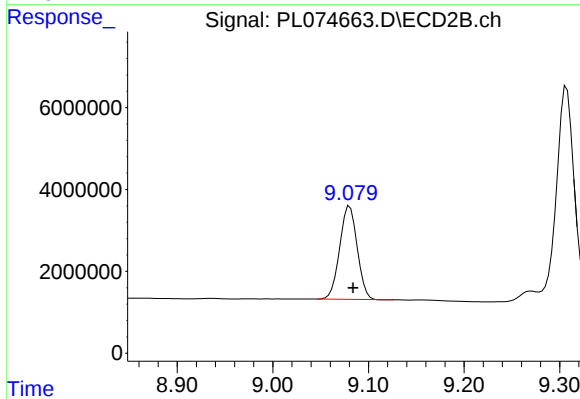
#19 Endosulfan Sulfate

R.T.: 8.789 min  
Delta R.T.: -0.003 min  
Response: 57153836  
Conc: 52.50 ng/ml



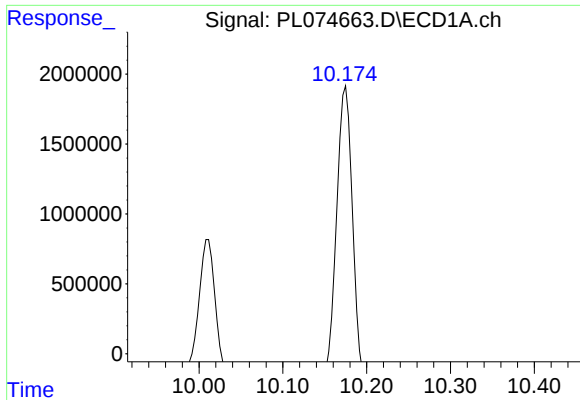
#20 Methoxychlor

R.T.: 10.011 min  
Delta R.T.: -0.002 min  
Response: 12512968  
Conc: 51.09 ng/ml



#20 Methoxychlor

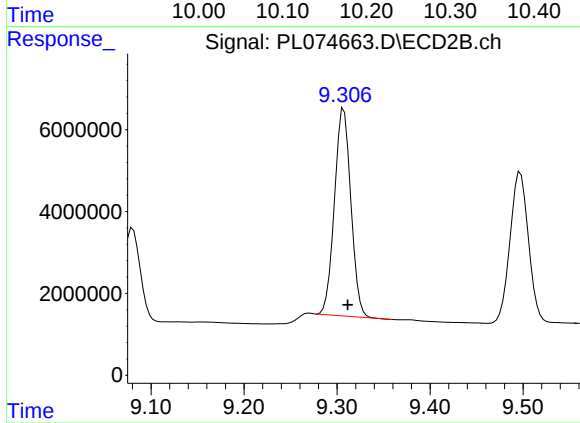
R.T.: 9.080 min  
Delta R.T.: -0.004 min  
Response: 29083518  
Conc: 49.77 ng/ml



#21 Endrin ketone

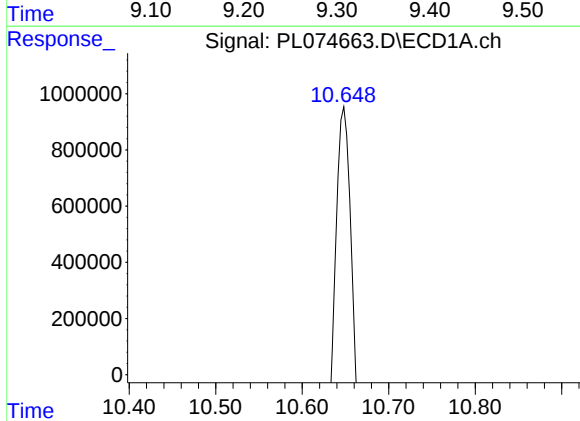
R.T.: 10.175 min  
Delta R.T.: -0.002 min  
Response: 28743200  
Conc: 56.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



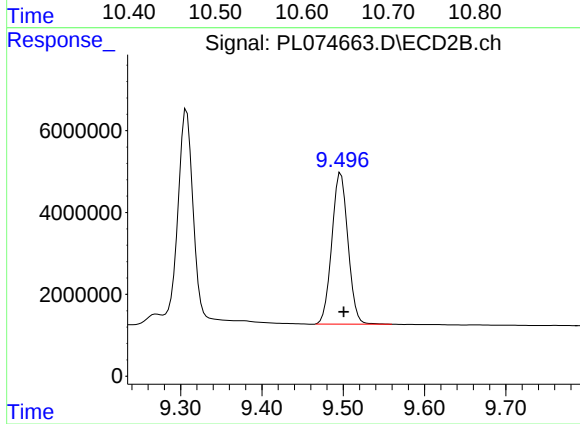
#21 Endrin ketone

R.T.: 9.307 min  
Delta R.T.: -0.004 min  
Response: 62196252  
Conc: 55.79 ng/ml



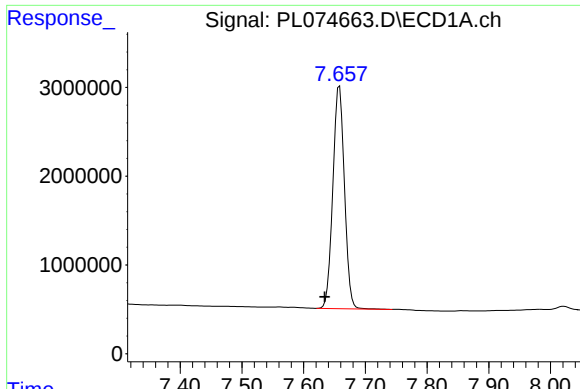
#22 Mirex

R.T.: 10.649 min  
Delta R.T.: -0.003 min  
Response: 22401190  
Conc: 55.52 ng/ml



#22 Mirex

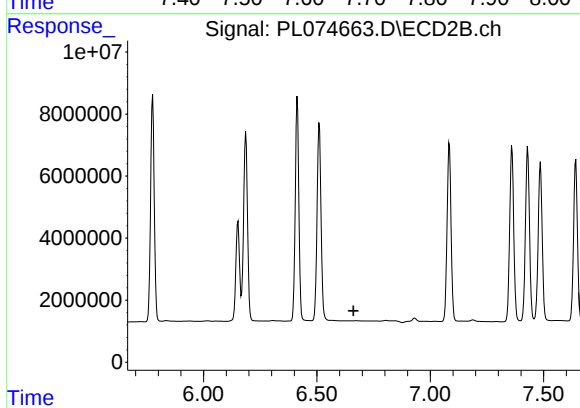
R.T.: 9.497 min  
Delta R.T.: -0.003 min  
Response: 51064993  
Conc: 52.72 ng/ml



#24 Chlordane-2

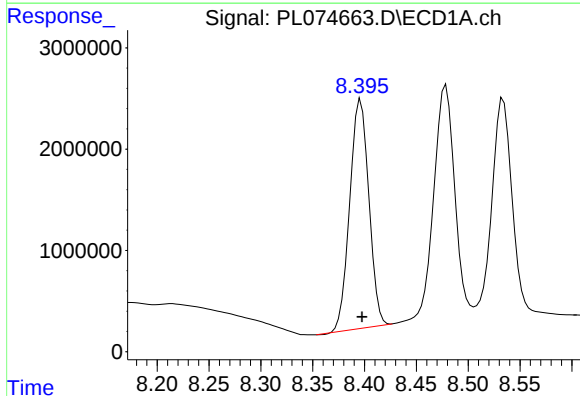
R.T.: 7.658 min  
Delta R.T.: 0.024 min  
Response: 32859693  
Conc: 1482.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



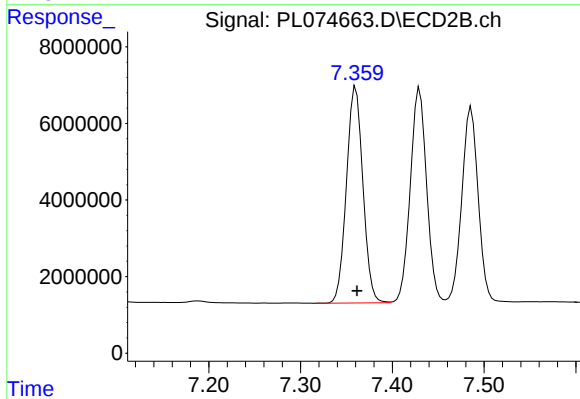
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 6.662 min  
Response: 0  
Conc: N.D.



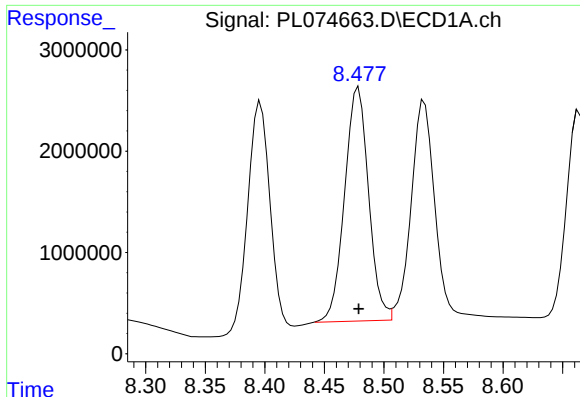
#25 Chlordane-3

R.T.: 8.396 min  
Delta R.T.: -0.001 min  
Response: 28958861  
Conc: 423.01 ng/ml



#25 Chlordane-3

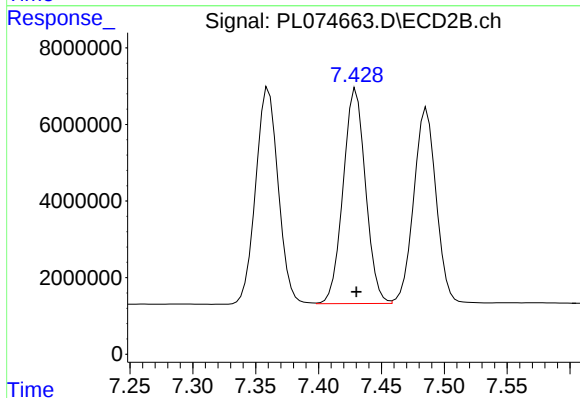
R.T.: 7.360 min  
Delta R.T.: -0.001 min  
Response: 70283220  
Conc: 541.51 ng/ml



#26 Chlordane-4

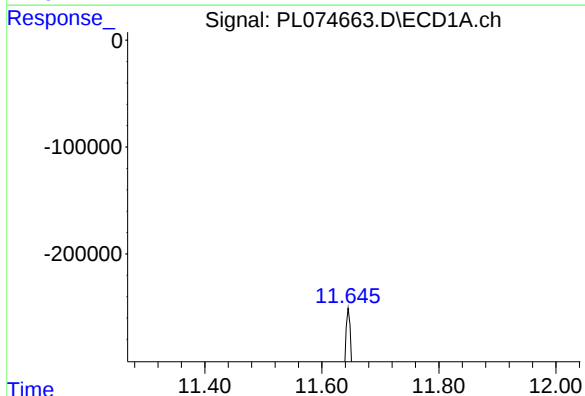
R.T.: 8.479 min  
Delta R.T.: 0.000 min  
Response: 32336943  
Conc: 335.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



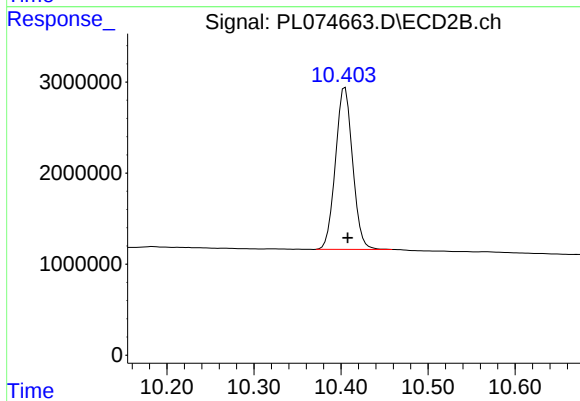
#26 Chlordane-4

R.T.: 7.430 min  
Delta R.T.: 0.000 min  
Response: 69535179  
Conc: 507.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.646 min  
Delta R.T.: -0.005 min  
Response: 10562540  
Conc: 23.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.405 min  
Delta R.T.: -0.003 min  
Response: 24342090  
Conc: 23.72 ng/ml