

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051622\  
 Data File : PL074728.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 May 2022 13:39  
 Operator : AR\AJ  
 Sample : PB144821BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 17 00:48:21 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  | 4.653  | 10206298 | 25825282 | 20.102   | 18.816    |
| 28)                         | SA Decachlor... | 11.648 | 10.406 | 10256225 | 24136739 | 22.966   | 23.516    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.232  | 5.355  | 35672999 | 86749984 | 52.142   | 51.548    |
| 3)                          | MA gamma-BHC... | 6.630  | 5.776  | 33678672 | 82259024 | 52.175   | 49.782    |
| 4)                          | MA Heptachlor   | 7.284  | 6.187  | 32848047 | 75425386 | 50.898   | 49.692    |
| 5)                          | MB Aldrin       | 7.659  | 6.511  | 32759496 | 77220911 | 52.882   | 51.465    |
| 6)                          | B beta-BHC      | 6.880  | 6.152  | 15060974 | 38050913 | 50.463   | 47.925    |
| 7)                          | B delta-BHC     | 7.151  | 6.414  | 33131859 | 80574550 | 52.838   | 51.528    |
| 8)                          | B Heptachlo...  | 8.126  | 7.085  | 30419383 | 70338458 | 53.485   | 50.538    |
| 9)                          | A Endosulfan I  | 8.535  | 7.487  | 29479567 | 63432418 | 51.136   | 50.700    |
| 10)                         | B gamma-Chl...  | 8.397  | 7.362  | 28810679 | 71061118 | 55.699   | 51.277    |
| 11)                         | B alpha-Chl...  | 8.478  | 7.431  | 32096136 | 70405218 | 52.573   | 52.081    |
| 12)                         | B 4,4'-DDE      | 8.665  | 7.643  | 26007720 | 63262917 | 56.181   | 53.763    |
| 13)                         | MA Dieldrin     | 8.826  | 7.773  | 29061980 | 70099775 | 55.292   | 55.027    |
| 14)                         | MA Endrin       | 9.067  | 8.063  | 22670931 | 58496582 | 54.938   | 55.379    |
| 15)                         | B Endosulfa...  | 9.300  | 8.373  | 25296980 | 61091098 | 57.544   | 54.082    |
| 16)                         | A 4,4'-DDD      | 9.206  | 8.227  | 22682898 | 52878665 | 50.170   | 53.676    |
| 17)                         | MA 4,4'-DDT     | 9.526  | 8.488  | 23517366 | 52654458 | 51.166   | 52.627    |
| 18)                         | B Endrin al...  | 9.435  | 8.561  | 21863436 | 48746559 | 61.775   | 61.034    |
| 19)                         | B Endosulfa...  | 9.674  | 8.791  | 24696722 | 58072818 | 54.642   | 53.349    |
| 20)                         | A Methoxychlor  | 10.012 | 9.082  | 12978515 | 30270325 | 52.992   | 51.798    |
| 21)                         | B Endrin ke...  | 10.176 | 9.309  | 28421931 | 63601733 | 55.421   | 57.048    |
| 22)                         | Mirex           | 10.649 | 9.499  | 22133621 | 51908799 | 54.853   | 53.592    |
| 24)                         | Chlordane-2     | 7.659f | 0.000  | 32759496 | 0        | 1478.047 | N.D. #    |
| 25)                         | Chlordane-3     | 8.397  | 7.362  | 28810679 | 71061118 | 420.845  | 547.508 # |
| 26)                         | Chlordane-4     | 8.478  | 7.431  | 32096136 | 70405218 | 333.155  | 513.579 # |
| -----                       |                 |        |        |          |          |          |           |

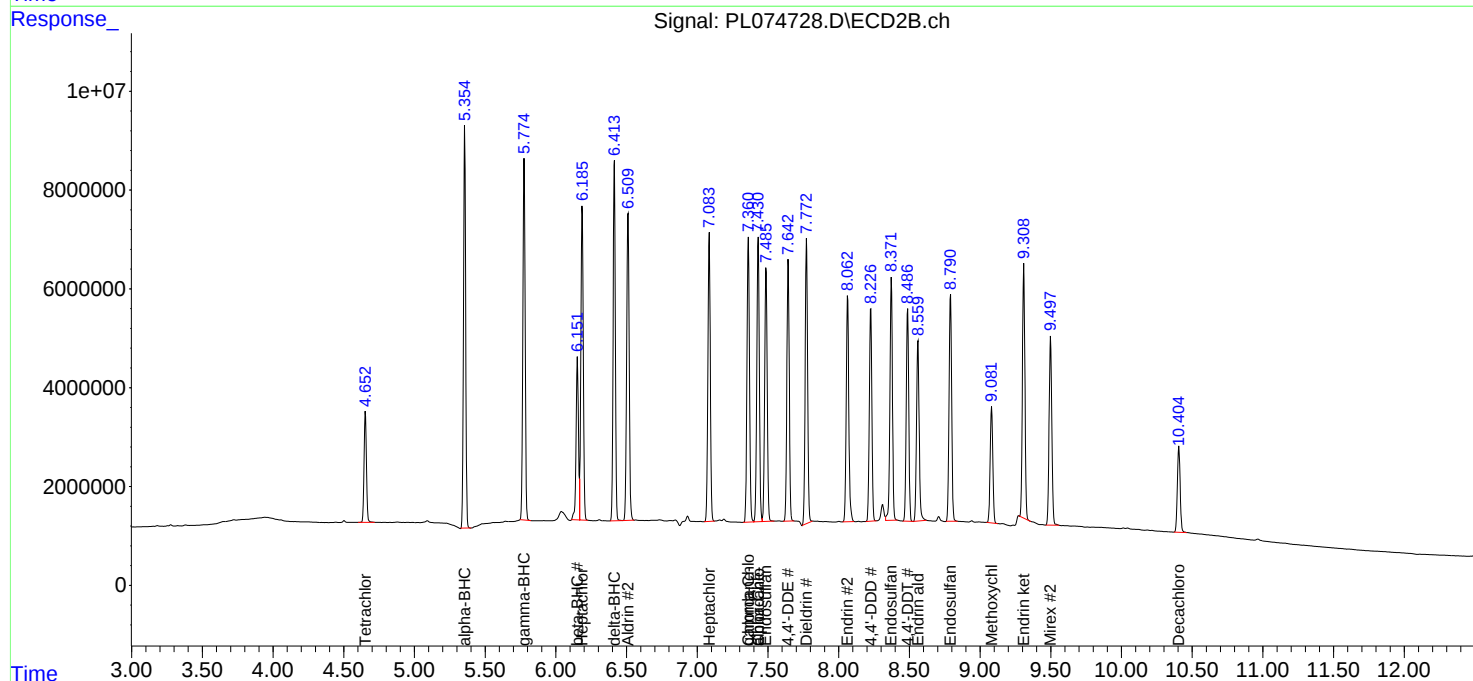
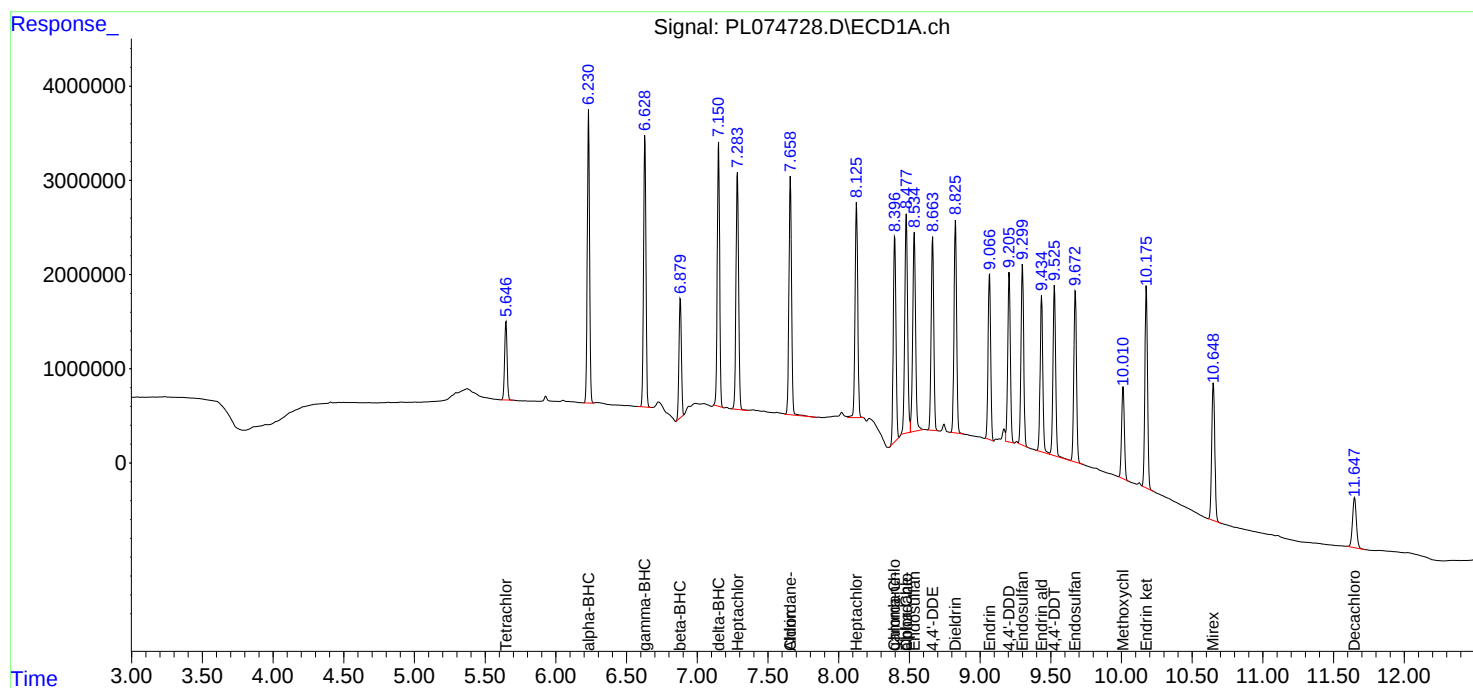
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

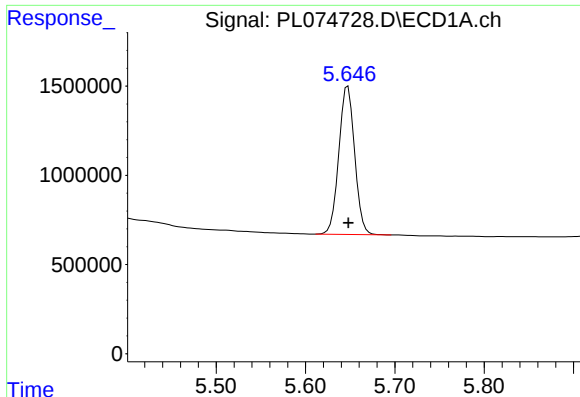
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051622\  
Data File : PL074728.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 May 2022 13:39  
Operator : AR\AJ  
Sample : PB144821BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 17 00:48:21 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

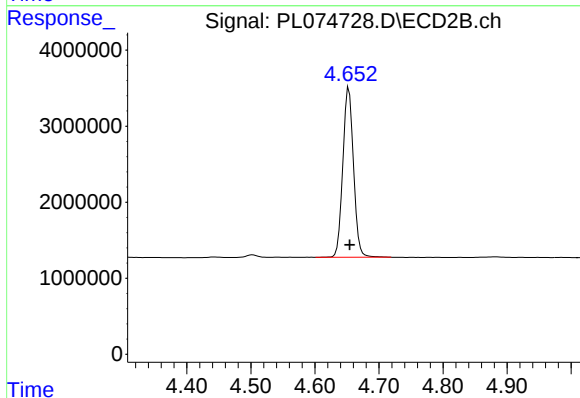




#1 Tetrachloro-m-xylene

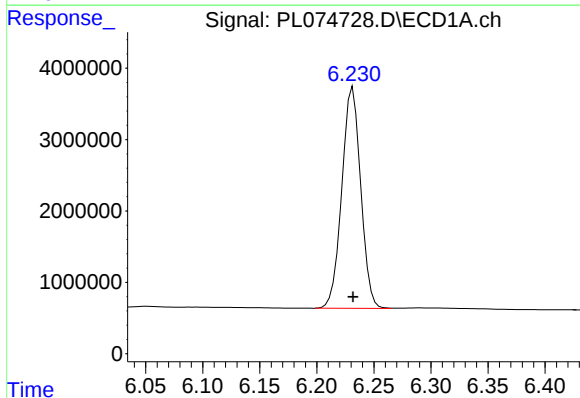
R.T.: 5.647 min  
Delta R.T.: 0.000 min  
Response: 10206298  
Conc: 20.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



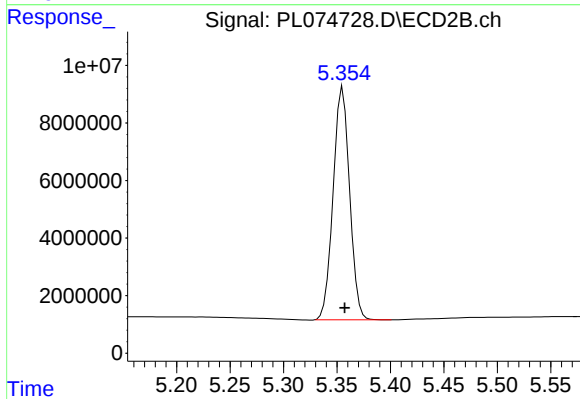
#1 Tetrachloro-m-xylene

R.T.: 4.653 min  
Delta R.T.: -0.001 min  
Response: 25825282  
Conc: 18.82 ng/ml



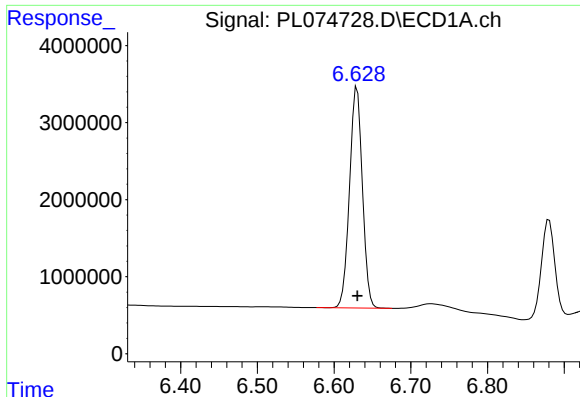
#2 alpha-BHC

R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 35672999  
Conc: 52.14 ng/ml



#2 alpha-BHC

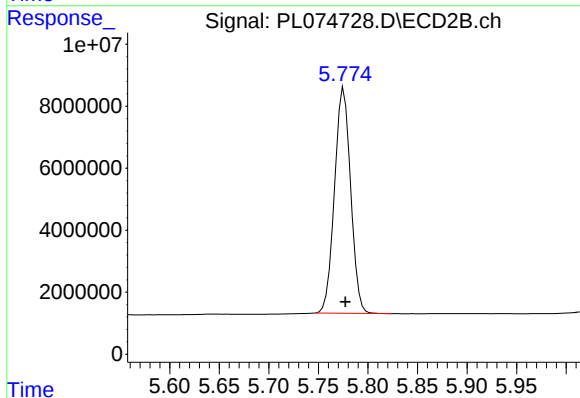
R.T.: 5.355 min  
Delta R.T.: -0.002 min  
Response: 86749984  
Conc: 51.55 ng/ml



#3 gamma-BHC (Lindane)

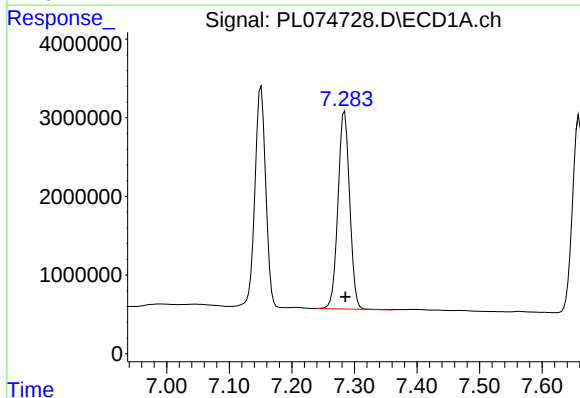
R.T.: 6.630 min  
Delta R.T.: 0.000 min  
Response: 33678672  
Conc: 52.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



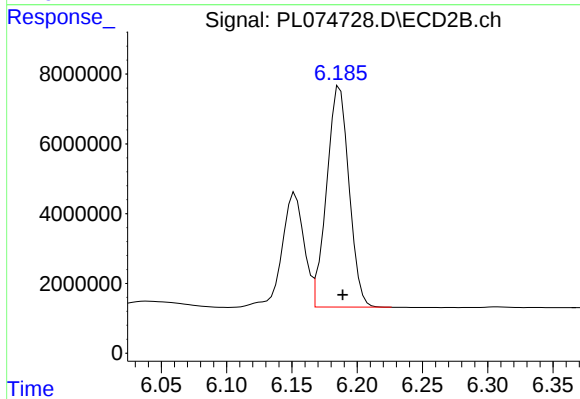
#3 gamma-BHC (Lindane)

R.T.: 5.776 min  
Delta R.T.: -0.002 min  
Response: 82259024  
Conc: 49.78 ng/ml



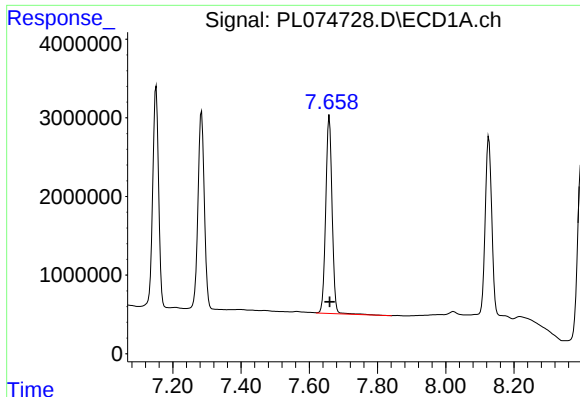
#4 Heptachlor

R.T.: 7.284 min  
Delta R.T.: -0.001 min  
Response: 32848047  
Conc: 50.90 ng/ml



#4 Heptachlor

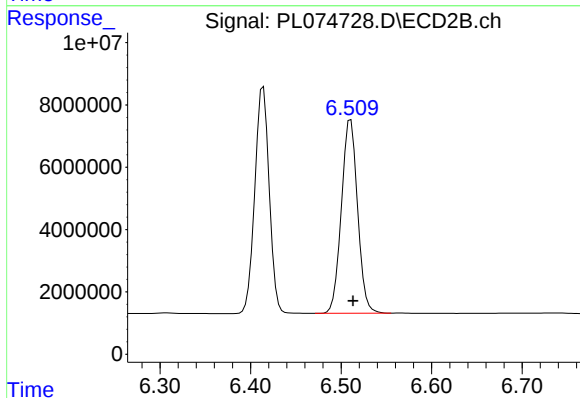
R.T.: 6.187 min  
Delta R.T.: -0.002 min  
Response: 75425386  
Conc: 49.69 ng/ml



#5 Aldrin

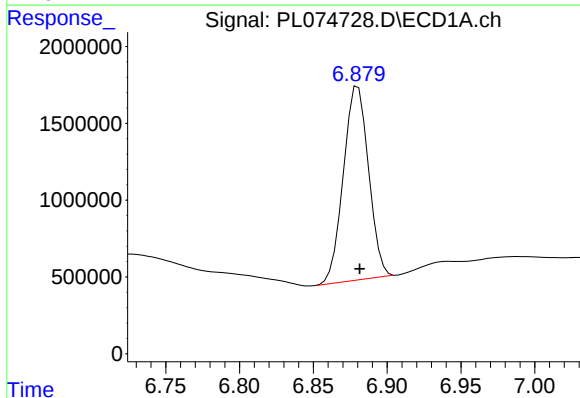
R.T.: 7.659 min  
Delta R.T.: 0.000 min  
Response: 32759496  
Conc: 52.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



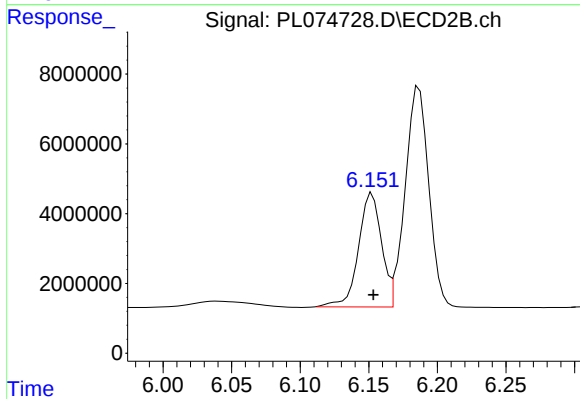
#5 Aldrin

R.T.: 6.511 min  
Delta R.T.: -0.002 min  
Response: 77220911  
Conc: 51.46 ng/ml



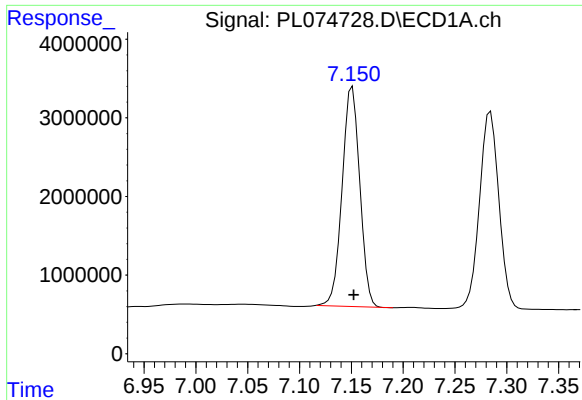
#6 beta-BHC

R.T.: 6.880 min  
Delta R.T.: -0.001 min  
Response: 15060974  
Conc: 50.46 ng/ml



#6 beta-BHC

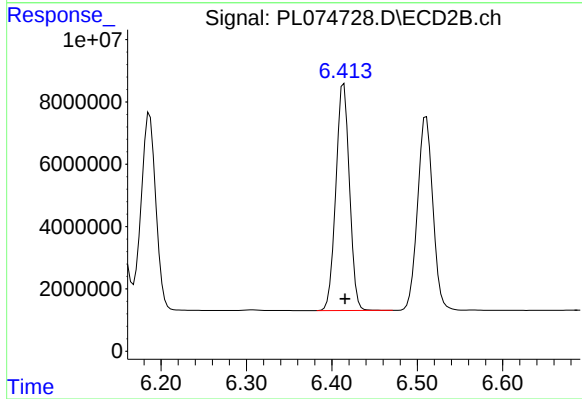
R.T.: 6.152 min  
Delta R.T.: -0.001 min  
Response: 38050913  
Conc: 47.92 ng/ml



#7 delta-BHC

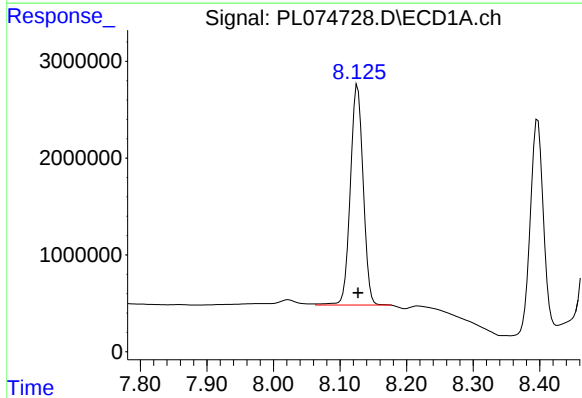
R.T.: 7.151 min  
Delta R.T.: -0.001 min  
Response: 33131859  
Conc: 52.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



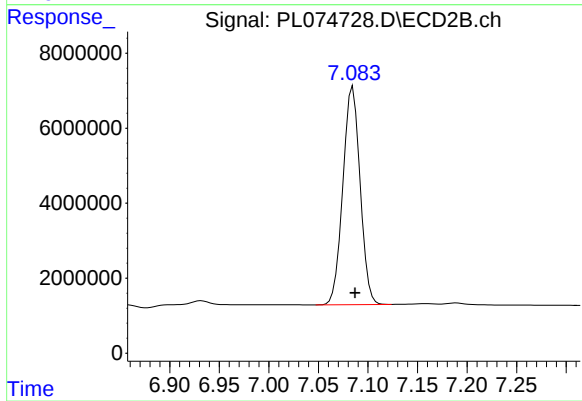
#7 delta-BHC

R.T.: 6.414 min  
Delta R.T.: -0.001 min  
Response: 80574550  
Conc: 51.53 ng/ml



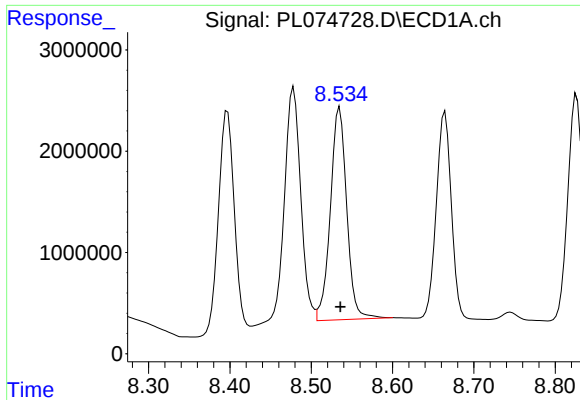
#8 Heptachlor epoxide

R.T.: 8.126 min  
Delta R.T.: -0.001 min  
Response: 30419383  
Conc: 53.48 ng/ml



#8 Heptachlor epoxide

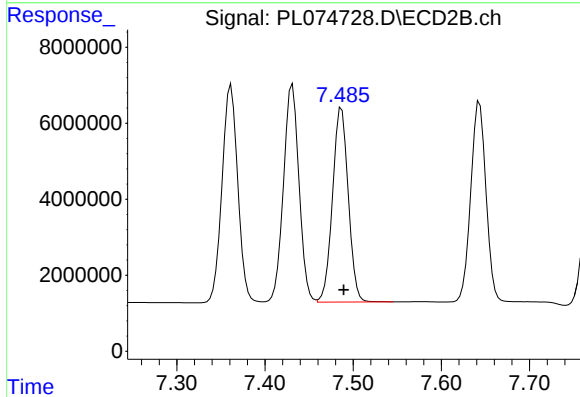
R.T.: 7.085 min  
Delta R.T.: -0.002 min  
Response: 70338458  
Conc: 50.54 ng/ml



#9 Endosulfan I

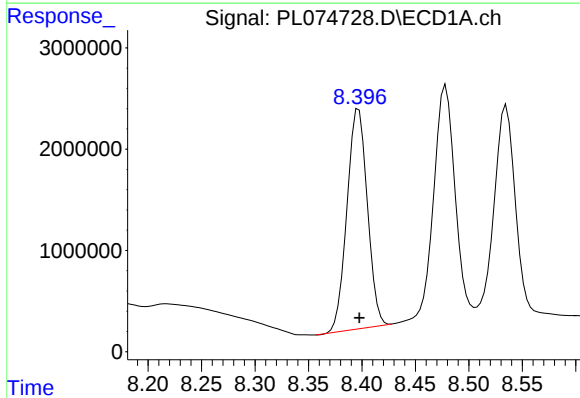
R.T.: 8.535 min  
Delta R.T.: 0.000 min  
Response: 29479567  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



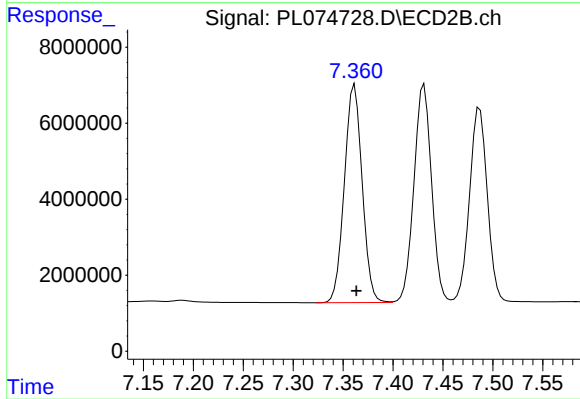
#9 Endosulfan I

R.T.: 7.487 min  
Delta R.T.: -0.002 min  
Response: 63432418  
Conc: 50.70 ng/ml



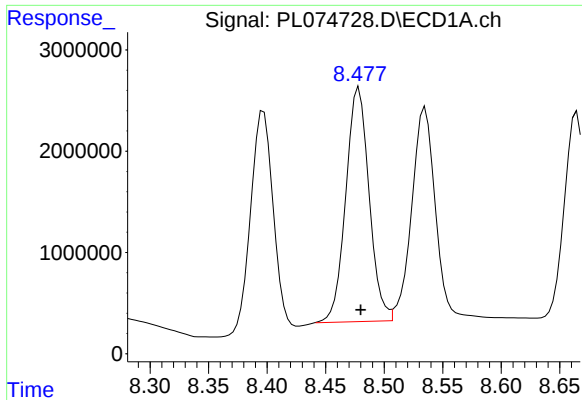
#10 gamma-Chlordane

R.T.: 8.397 min  
Delta R.T.: 0.000 min  
Response: 28810679  
Conc: 55.70 ng/ml



#10 gamma-Chlordane

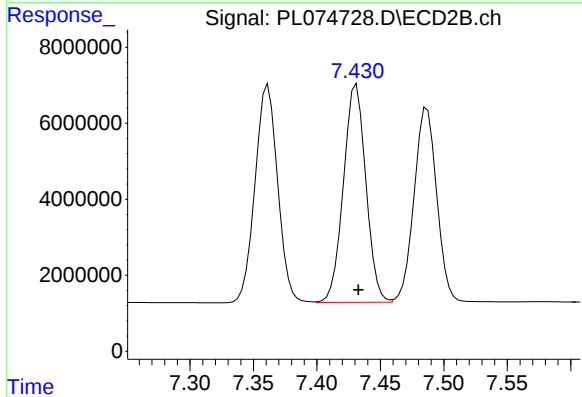
R.T.: 7.362 min  
Delta R.T.: -0.002 min  
Response: 71061118  
Conc: 51.28 ng/ml



#11 alpha-Chlordane

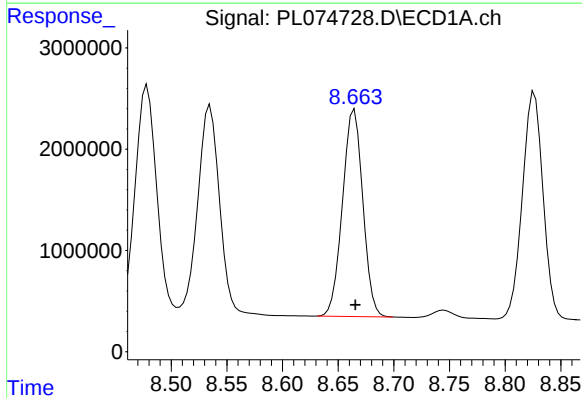
R.T.: 8.478 min  
Delta R.T.: -0.001 min  
Response: 32096136  
Conc: 52.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



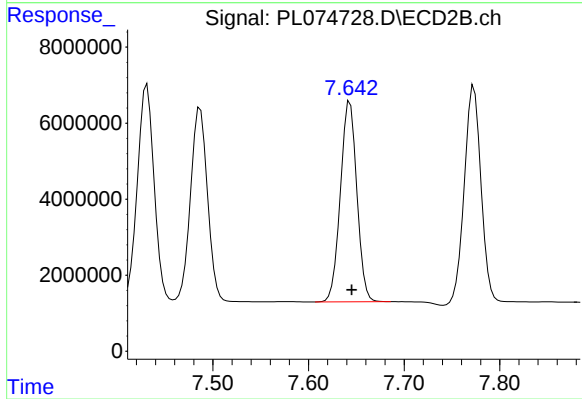
#11 alpha-Chlordane

R.T.: 7.431 min  
Delta R.T.: -0.002 min  
Response: 70405218  
Conc: 52.08 ng/ml



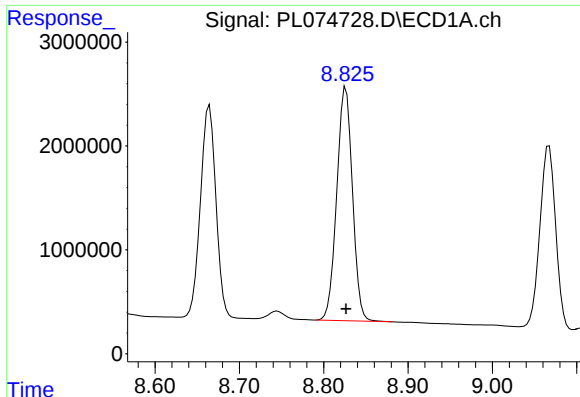
#12 4,4'-DDE

R.T.: 8.665 min  
Delta R.T.: 0.000 min  
Response: 26007720  
Conc: 56.18 ng/ml



#12 4,4'-DDE

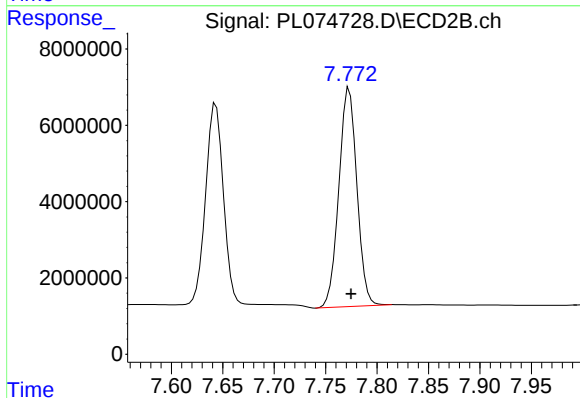
R.T.: 7.643 min  
Delta R.T.: -0.002 min  
Response: 63262917  
Conc: 53.76 ng/ml



#13 Dieldrin

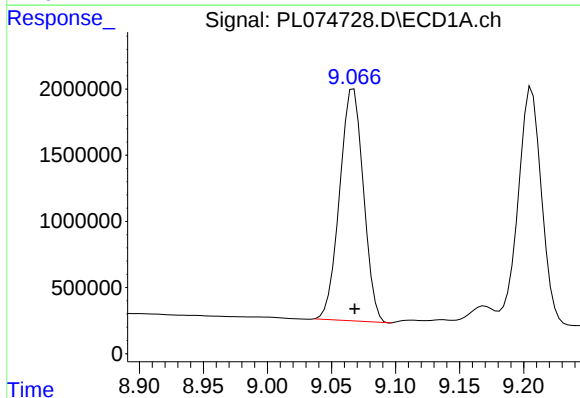
R.T.: 8.826 min  
Delta R.T.: 0.000 min  
Response: 29061980  
Conc: 55.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



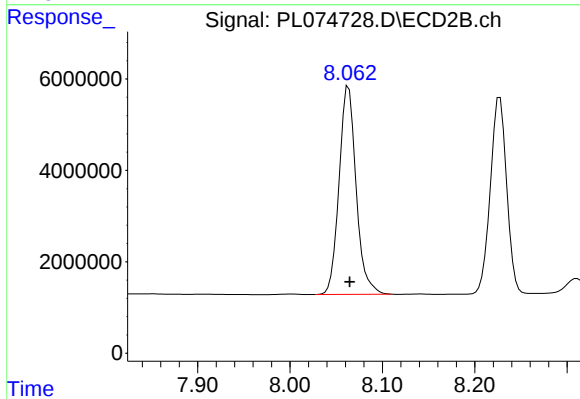
#13 Dieldrin

R.T.: 7.773 min  
Delta R.T.: -0.002 min  
Response: 70099775  
Conc: 55.03 ng/ml



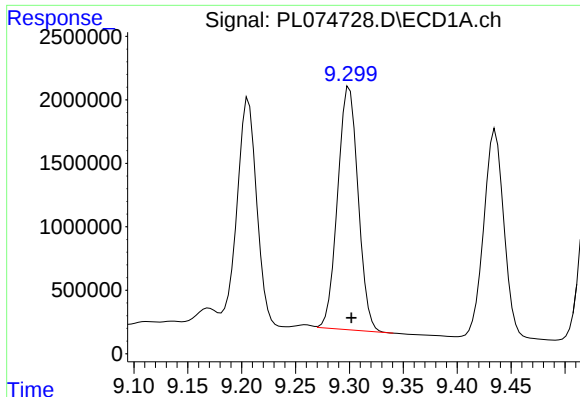
#14 Endrin

R.T.: 9.067 min  
Delta R.T.: 0.000 min  
Response: 22670931  
Conc: 54.94 ng/ml



#14 Endrin

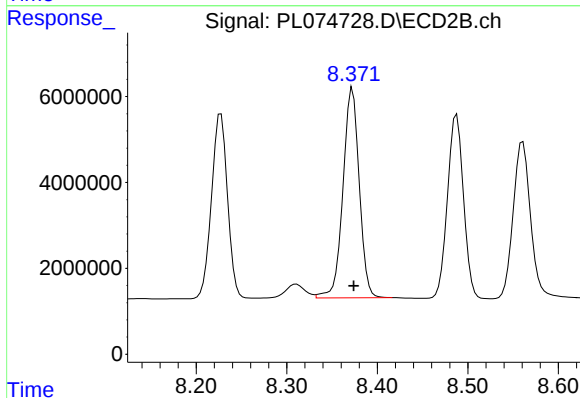
R.T.: 8.063 min  
Delta R.T.: -0.001 min  
Response: 58496582  
Conc: 55.38 ng/ml



#15 Endosulfan II

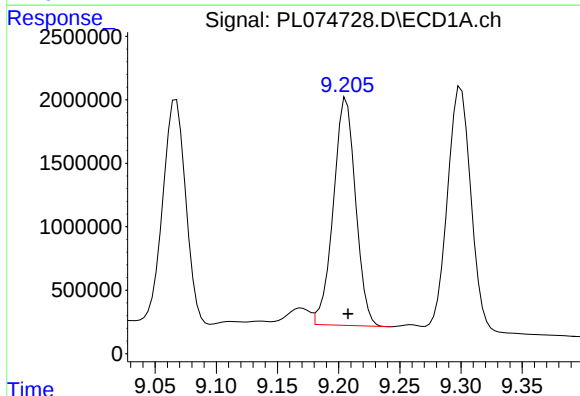
R.T.: 9.300 min  
Delta R.T.: -0.002 min  
Response: 25296980  
Conc: 57.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



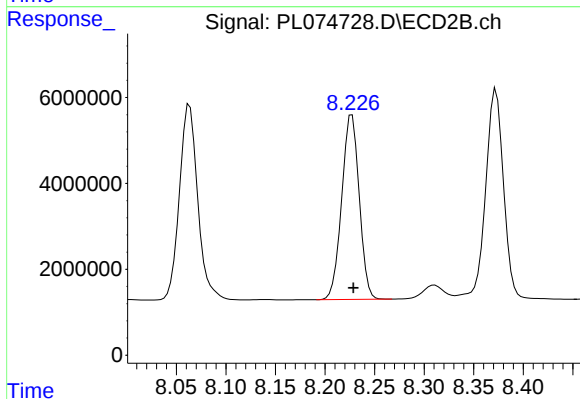
#15 Endosulfan II

R.T.: 8.373 min  
Delta R.T.: -0.002 min  
Response: 61091098  
Conc: 54.08 ng/ml



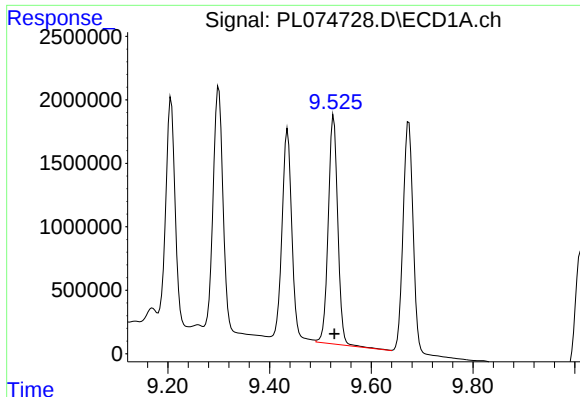
#16 4,4'-DDD

R.T.: 9.206 min  
Delta R.T.: -0.002 min  
Response: 22682898  
Conc: 50.17 ng/ml



#16 4,4'-DDD

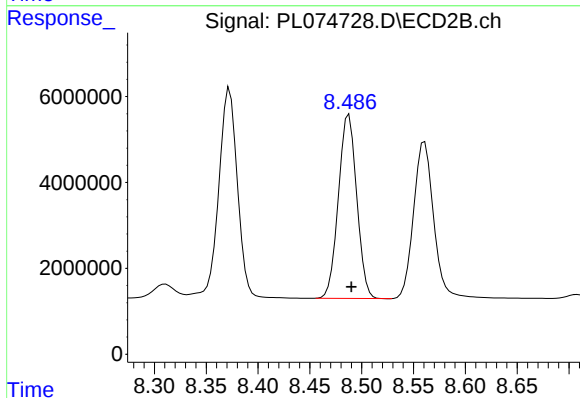
R.T.: 8.227 min  
Delta R.T.: -0.002 min  
Response: 52878665  
Conc: 53.68 ng/ml



#17 4,4'-DDT

R.T.: 9.526 min  
Delta R.T.: -0.001 min  
Response: 23517366  
Conc: 51.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#17 4,4'-DDT

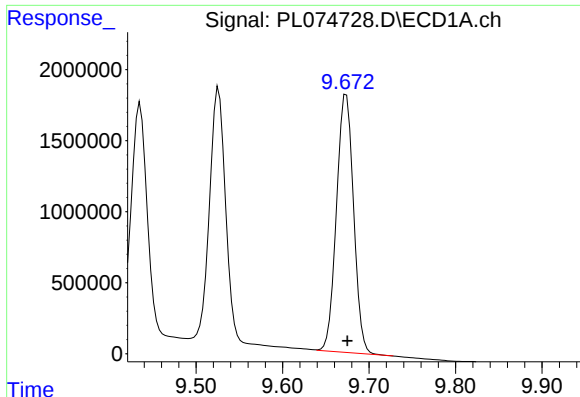
R.T.: 8.488 min  
Delta R.T.: -0.002 min  
Response: 52654458  
Conc: 52.63 ng/ml

#18 Endrin aldehyde

R.T.: 9.435 min  
Delta R.T.: 0.000 min  
Response: 21863436  
Conc: 61.78 ng/ml

#18 Endrin aldehyde

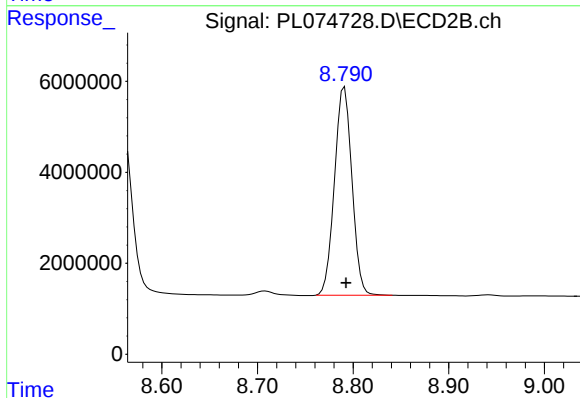
R.T.: 8.561 min  
Delta R.T.: -0.002 min  
Response: 48746559  
Conc: 61.03 ng/ml



#19 Endosulfan Sulfate

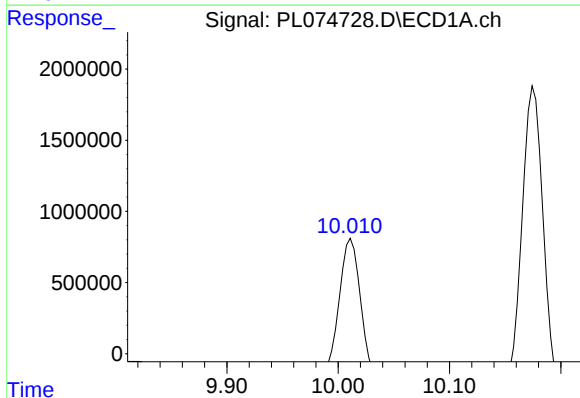
R.T.: 9.674 min  
Delta R.T.: -0.001 min  
Response: 24696722  
Conc: 54.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



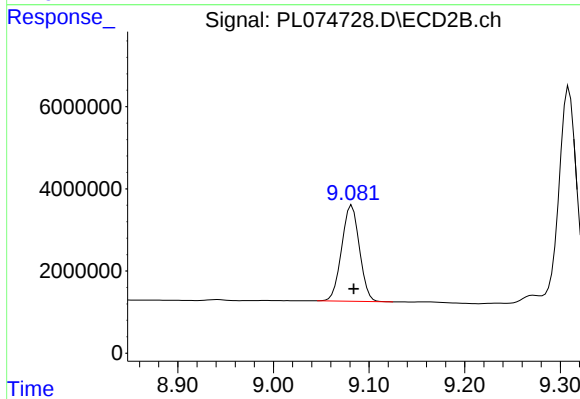
#19 Endosulfan Sulfate

R.T.: 8.791 min  
Delta R.T.: -0.002 min  
Response: 58072818  
Conc: 53.35 ng/ml



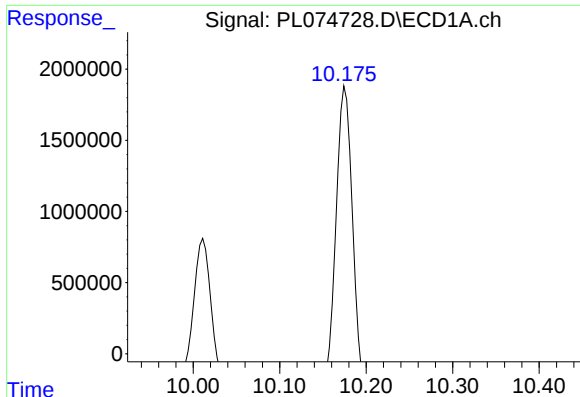
#20 Methoxychlor

R.T.: 10.012 min  
Delta R.T.: -0.001 min  
Response: 12978515  
Conc: 52.99 ng/ml



#20 Methoxychlor

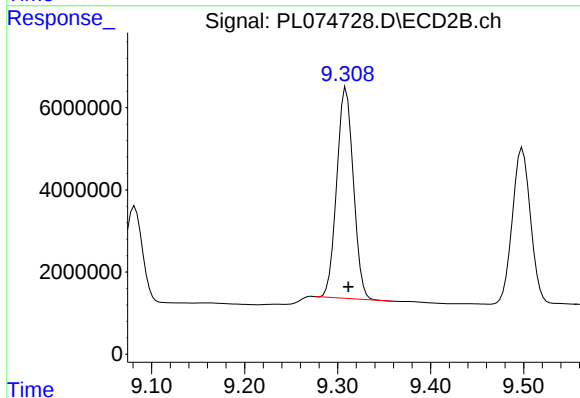
R.T.: 9.082 min  
Delta R.T.: -0.002 min  
Response: 30270325  
Conc: 51.80 ng/ml



#21 Endrin ketone

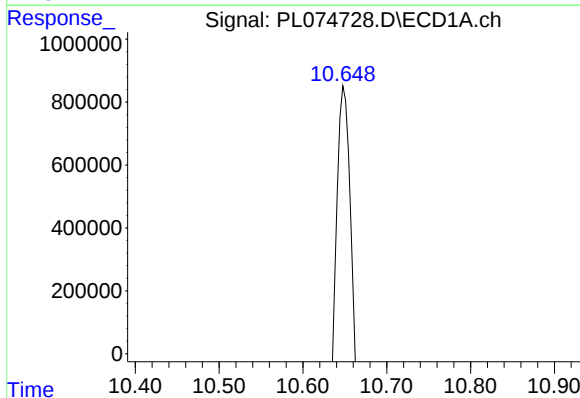
R.T.: 10.176 min  
Delta R.T.: -0.001 min  
Response: 28421931  
Conc: 55.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



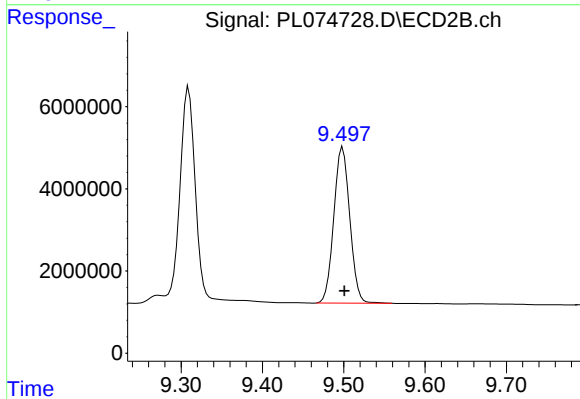
#21 Endrin ketone

R.T.: 9.309 min  
Delta R.T.: -0.002 min  
Response: 63601733  
Conc: 57.05 ng/ml



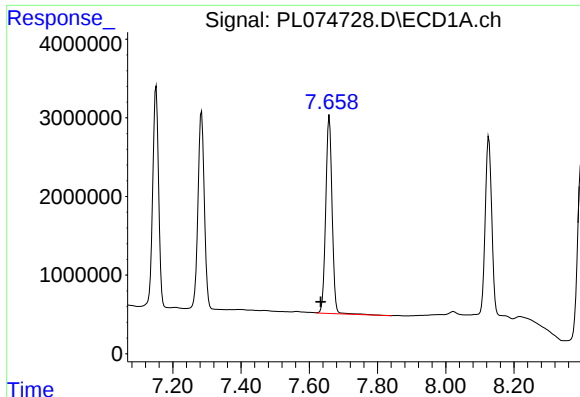
#22 Mirex

R.T.: 10.649 min  
Delta R.T.: -0.002 min  
Response: 22133621  
Conc: 54.85 ng/ml



#22 Mirex

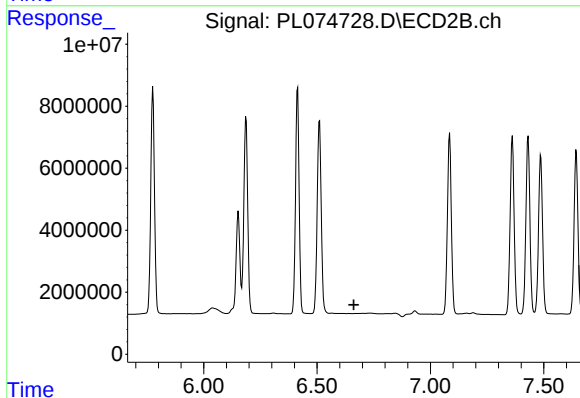
R.T.: 9.499 min  
Delta R.T.: -0.002 min  
Response: 51908799  
Conc: 53.59 ng/ml



#24 Chlordane-2

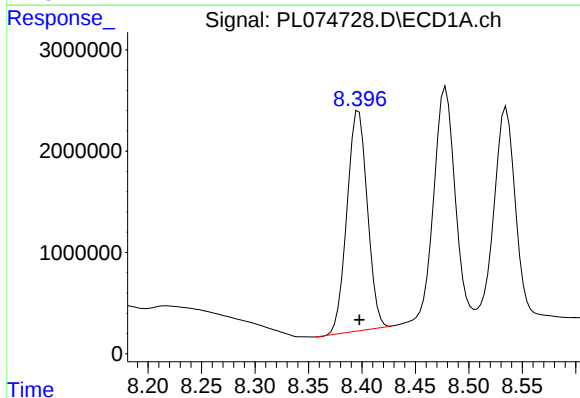
R.T.: 7.659 min  
Delta R.T.: 0.025 min  
Response: 32759496  
Conc: 1478.05 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



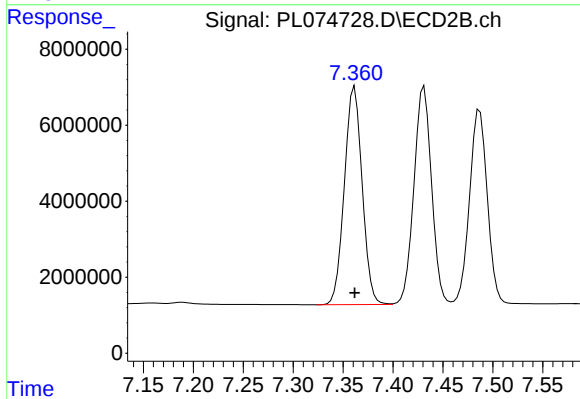
#24 Chlordane-2

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



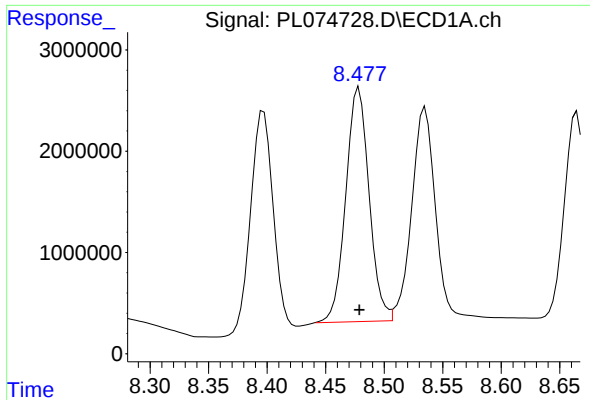
#25 Chlordane-3

R.T.: 8.397 min  
Delta R.T.: 0.000 min  
Response: 28810679  
Conc: 420.84 ng/ml



#25 Chlordane-3

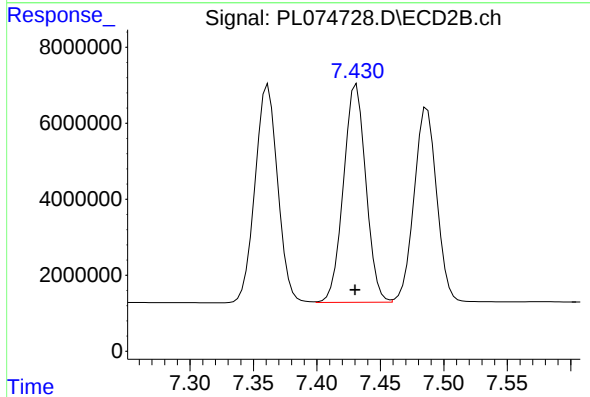
R.T.: 7.362 min  
Delta R.T.: 0.000 min  
Response: 71061118  
Conc: 547.51 ng/ml



#26 Chlordane-4

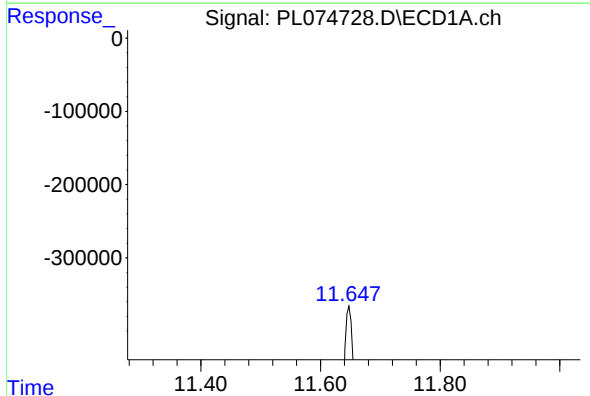
R.T.: 8.478 min  
Delta R.T.: 0.000 min  
Response: 32096136  
Conc: 333.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



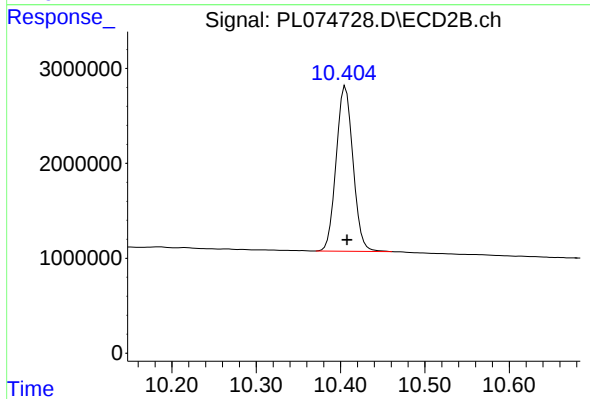
#26 Chlordane-4

R.T.: 7.431 min  
Delta R.T.: 0.001 min  
Response: 70405218  
Conc: 513.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.648 min  
Delta R.T.: -0.003 min  
Response: 10256225  
Conc: 22.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.406 min  
Delta R.T.: -0.002 min  
Response: 24136739  
Conc: 23.52 ng/ml