

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051122\  
 Data File : PL074622.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 May 2022 16:47  
 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: May 14 05:35:08 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  | 27357669 | 64338110 | 53.881   | 46.876    |
| 28)                         | SA Decachlor... | 11.649 | 10.407 | 26320728 | 51562080 | 58.938   | 50.235    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.231  | 5.356  | 37762387 | 84176424 | 55.196   | 50.019    |
| 3)                          | MA gamma-BHC... | 6.629  | 5.776  | 35896394 | 80985286 | 55.610   | 49.011    |
| 4)                          | MA Heptachlor   | 7.285  | 6.187  | 35118970 | 73497178 | 54.416   | 48.422    |
| 5)                          | MB Aldrin       | 7.659  | 6.511  | 34087057 | 73085994 | 55.025   | 48.709    |
| 6)                          | B beta-BHC      | 6.880  | 6.152  | 16643924 | 37519820 | 55.767   | 47.256    |
| 7)                          | B delta-BHC     | 7.151  | 6.414  | 34658336 | 77023137 | 55.273   | 49.257    |
| 8)                          | B Heptachlo...  | 8.126  | 7.085  | 31728571 | 67835446 | 55.787   | 48.740    |
| 9)                          | A Endosulfan I  | 8.535  | 7.487  | 31812102 | 61881638 | 55.182   | 49.460    |
| 10)                         | B gamma-Chl...  | 8.397  | 7.362  | 30070413 | 67277577 | 58.135   | 48.547    |
| 11)                         | B alpha-Chl...  | 8.479  | 7.431  | 33993741 | 66499831 | 55.682   | 49.192    |
| 12)                         | B 4,4'-DDE      | 8.664  | 7.644  | 26772953 | 58943010 | 57.834   | 50.092    |
| 13)                         | MA Dieldrin     | 8.825  | 7.773  | 29447556 | 62977838 | 56.026   | 49.437    |
| 14)                         | MA Endrin       | 9.067  | 8.063  | 23309700 | 51940693 | 56.486   | 49.172    |
| 15)                         | B Endosulfa...  | 9.300  | 8.372  | 24937808 | 53968116 | 56.727   | 47.776    |
| 16)                         | A 4,4'-DDD      | 9.206  | 8.227  | 24826487 | 49809236 | 54.911   | 50.561    |
| 17)                         | MA 4,4'-DDT     | 9.526  | 8.488  | 26130162 | 49985023 | 56.850   | 49.959    |
| 18)                         | B Endrin al...  | 9.435  | 8.561  | 20230525 | 39208184 | 57.161   | 49.091    |
| 19)                         | B Endosulfa...  | 9.673  | 8.791  | 25598751 | 54129325 | 56.638   | 49.726    |
| 20)                         | A Methoxychlor  | 10.012 | 9.082  | 14090553 | 29115662 | 57.533   | 49.822    |
| 21)                         | B Endrin ke...  | 10.176 | 9.309  | 29110423 | 56842052 | 56.763   | 50.985    |
| 22)                         | Mirex           | 10.650 | 9.499  | 23454562 | 47842448 | 58.126   | 49.394    |
| 24)                         | Chlordane-2     | 7.659f | 0.000  | 34087057 | 0        | 1537.944 | N.D. #    |
| 25)                         | Chlordane-3     | 8.397  | 7.362  | 30070413 | 67277577 | 439.246  | 518.357   |
| 26)                         | Chlordane-4     | 8.479  | 7.431  | 33993741 | 66499831 | 352.851  | 485.091 # |
| -----                       |                 |        |        |          |          |          |           |

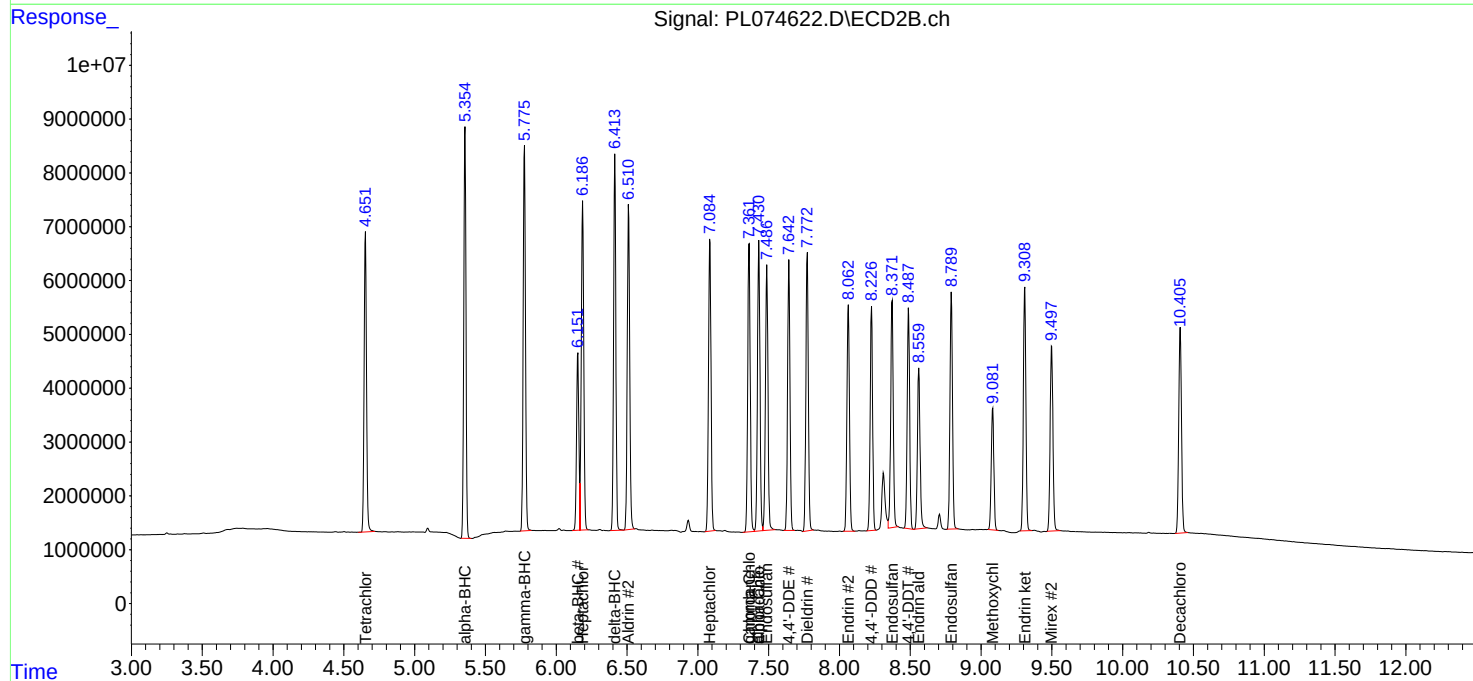
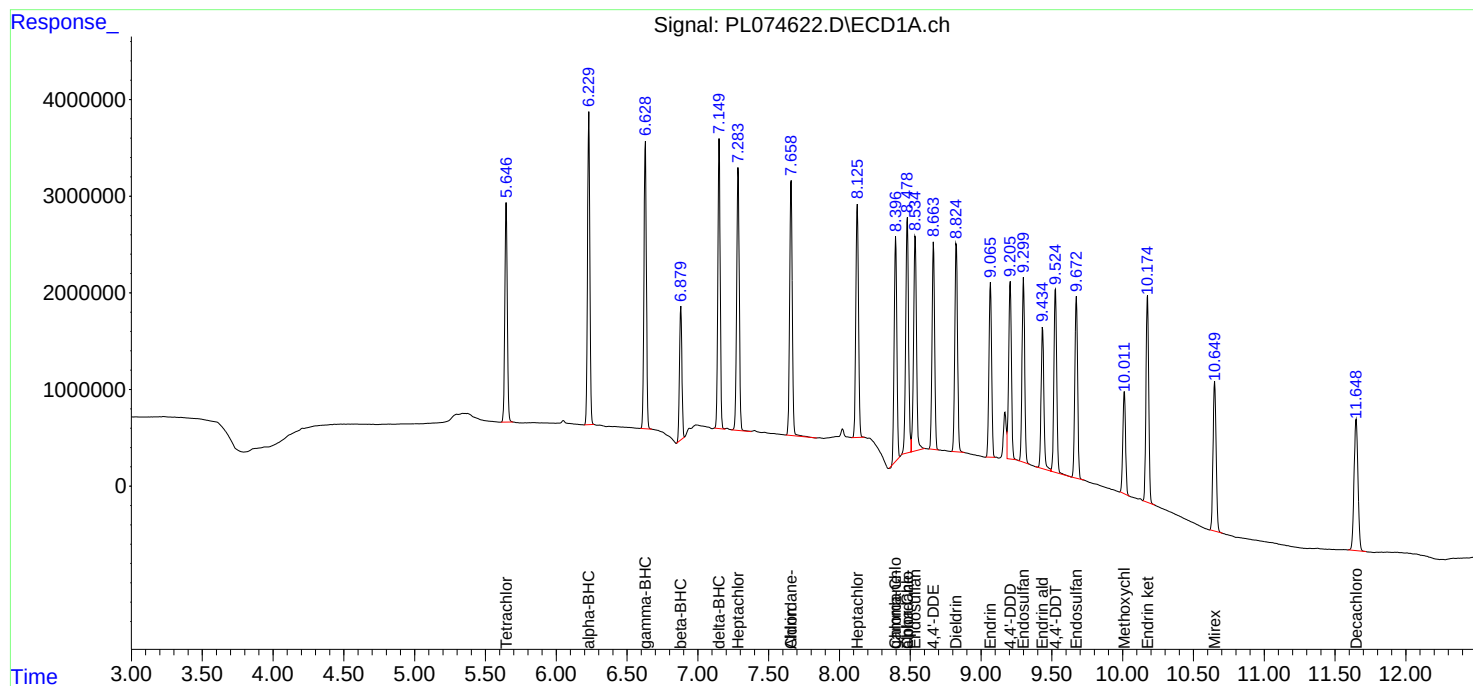
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

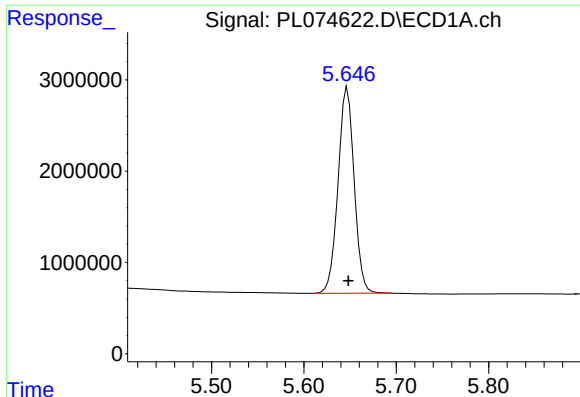
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051122\  
Data File : PL074622.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 May 2022 16:47  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 14 05:35:08 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

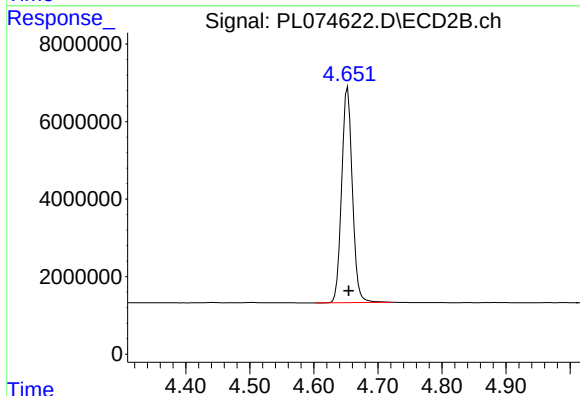




#1 Tetrachloro-m-xylene

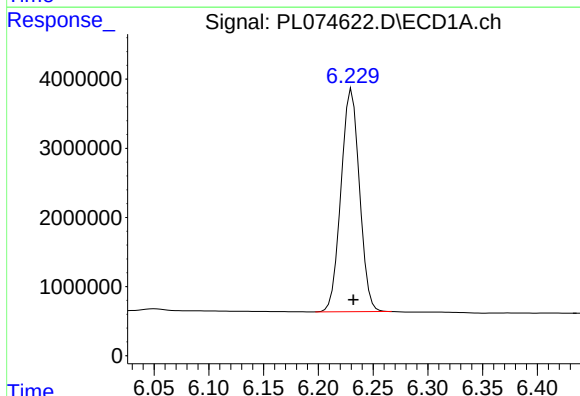
R.T.: 5.647 min  
Delta R.T.: 0.000 min  
Response: 27357669  
Conc: 53.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



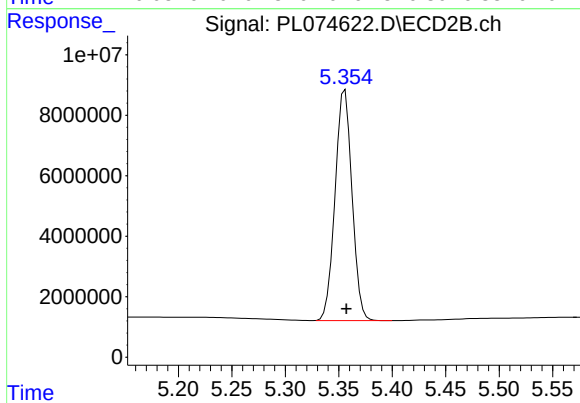
#1 Tetrachloro-m-xylene

R.T.: 4.653 min  
Delta R.T.: -0.002 min  
Response: 64338110  
Conc: 46.88 ng/ml



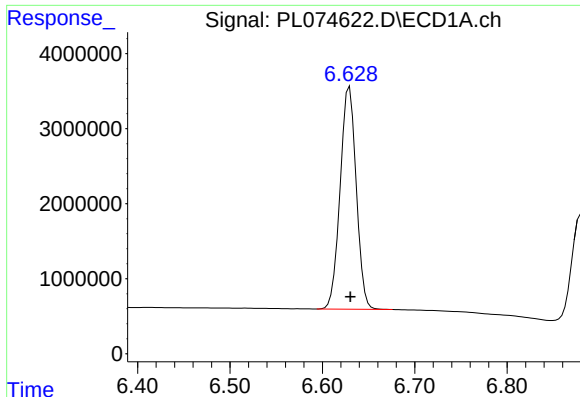
#2 alpha-BHC

R.T.: 6.231 min  
Delta R.T.: -0.001 min  
Response: 37762387  
Conc: 55.20 ng/ml



#2 alpha-BHC

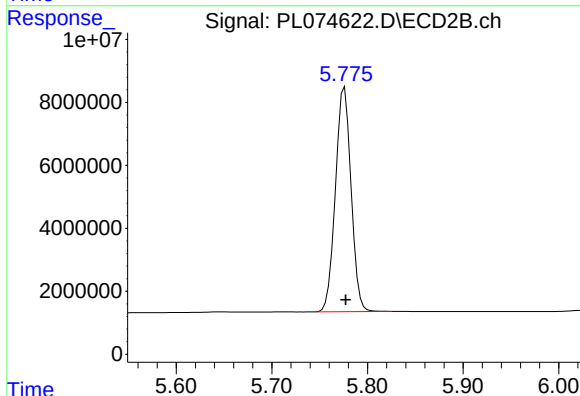
R.T.: 5.356 min  
Delta R.T.: -0.001 min  
Response: 84176424  
Conc: 50.02 ng/ml



#3 gamma-BHC (Lindane)

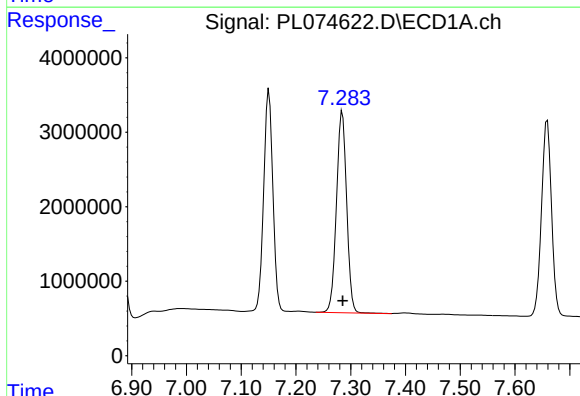
R.T.: 6.629 min  
Delta R.T.: -0.001 min  
Response: 35896394  
Conc: 55.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



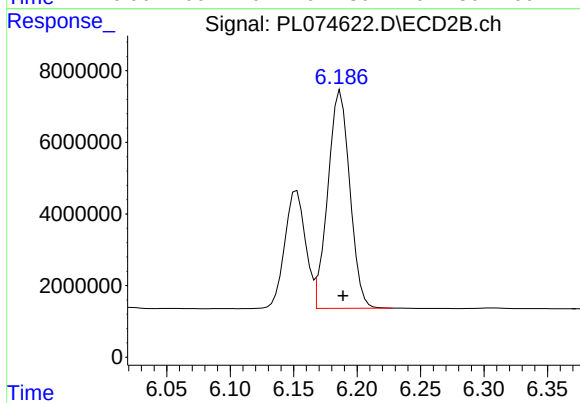
#3 gamma-BHC (Lindane)

R.T.: 5.776 min  
Delta R.T.: -0.001 min  
Response: 80985286  
Conc: 49.01 ng/ml



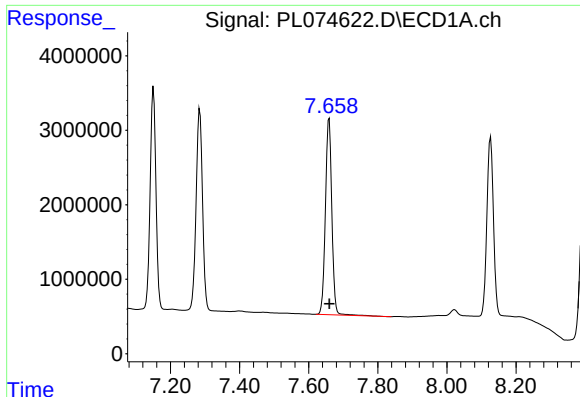
#4 Heptachlor

R.T.: 7.285 min  
Delta R.T.: 0.000 min  
Response: 35118970  
Conc: 54.42 ng/ml



#4 Heptachlor

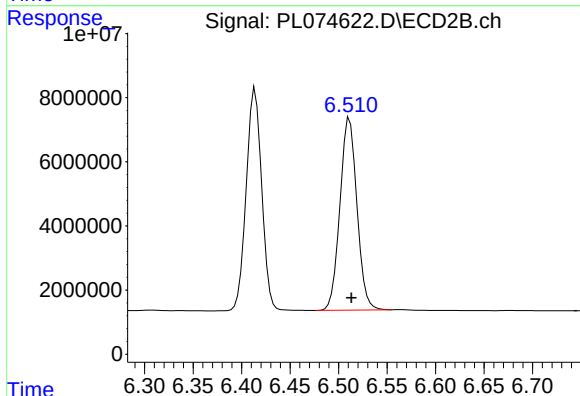
R.T.: 6.187 min  
Delta R.T.: -0.002 min  
Response: 73497178  
Conc: 48.42 ng/ml



#5 Aldrin

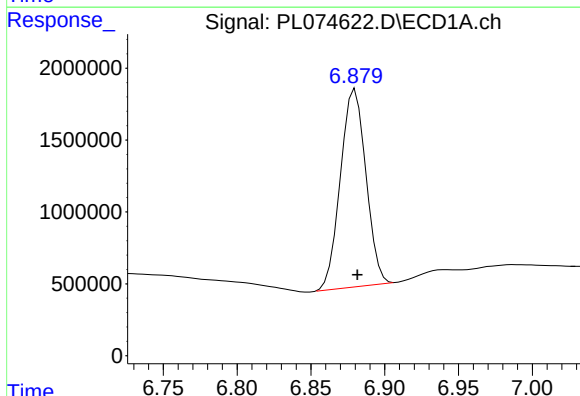
R.T.: 7.659 min  
Delta R.T.: 0.000 min  
Response: 34087057  
Conc: 55.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



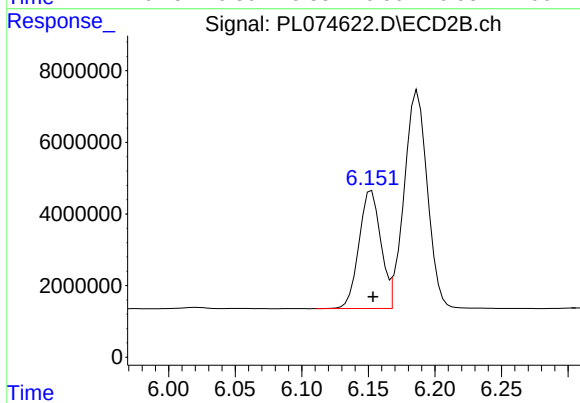
#5 Aldrin

R.T.: 6.511 min  
Delta R.T.: -0.002 min  
Response: 73085994  
Conc: 48.71 ng/ml



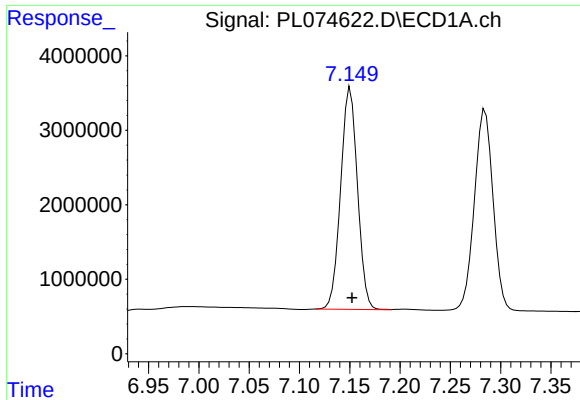
#6 beta-BHC

R.T.: 6.880 min  
Delta R.T.: -0.001 min  
Response: 16643924  
Conc: 55.77 ng/ml



#6 beta-BHC

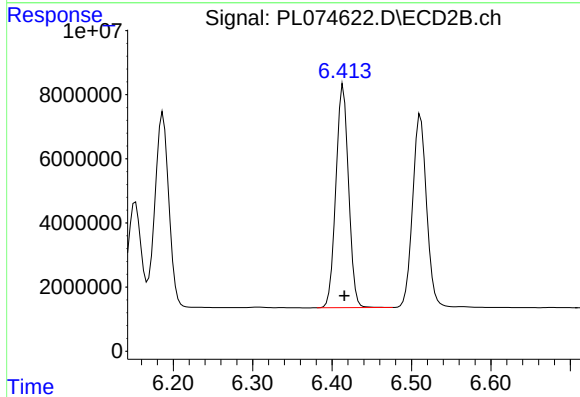
R.T.: 6.152 min  
Delta R.T.: -0.001 min  
Response: 37519820  
Conc: 47.26 ng/ml



#7 delta-BHC

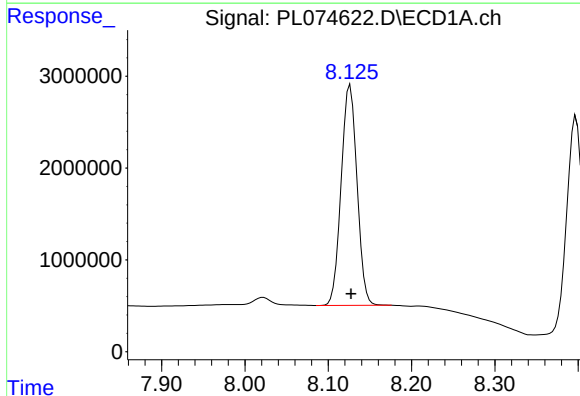
R.T.: 7.151 min  
Delta R.T.: -0.002 min  
Response: 34658336  
Conc: 55.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



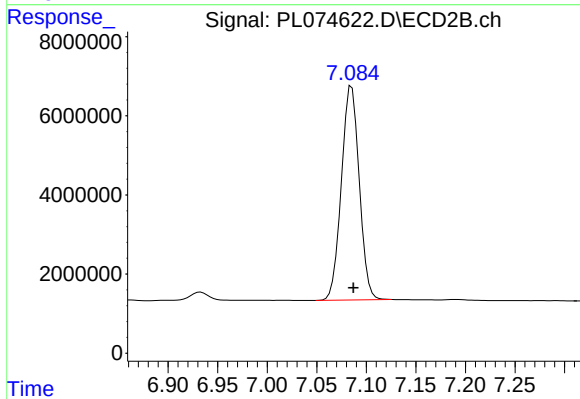
#7 delta-BHC

R.T.: 6.414 min  
Delta R.T.: -0.001 min  
Response: 77023137  
Conc: 49.26 ng/ml



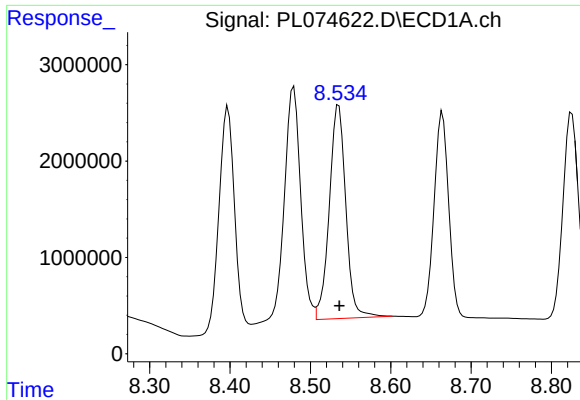
#8 Heptachlor epoxide

R.T.: 8.126 min  
Delta R.T.: -0.001 min  
Response: 31728571  
Conc: 55.79 ng/ml



#8 Heptachlor epoxide

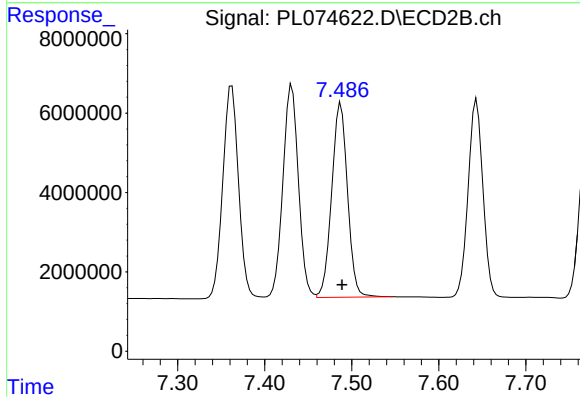
R.T.: 7.085 min  
Delta R.T.: -0.002 min  
Response: 67835446  
Conc: 48.74 ng/ml



#9 Endosulfan I

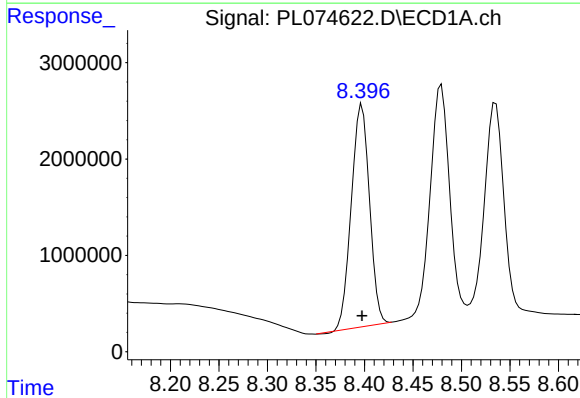
R.T.: 8.535 min  
Delta R.T.: 0.000 min  
Response: 31812102  
Conc: 55.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



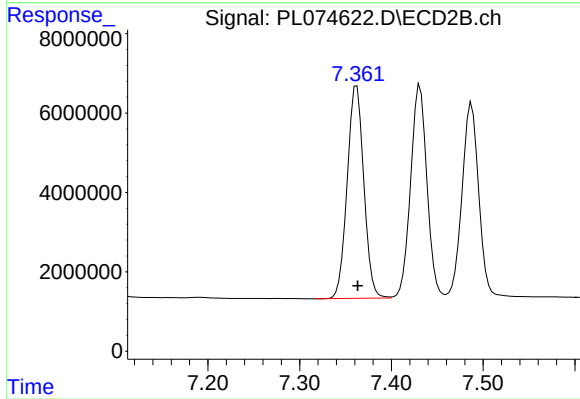
#9 Endosulfan I

R.T.: 7.487 min  
Delta R.T.: -0.002 min  
Response: 61881638  
Conc: 49.46 ng/ml



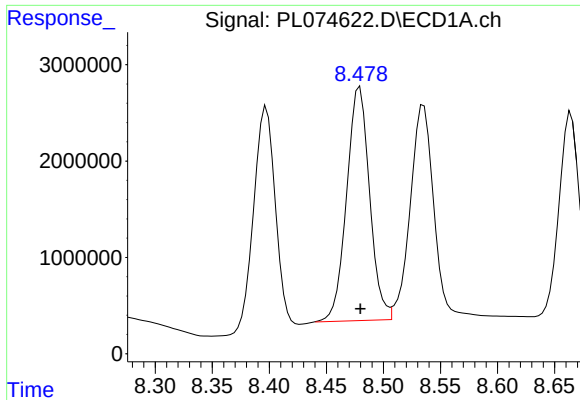
#10 gamma-Chlordane

R.T.: 8.397 min  
Delta R.T.: 0.000 min  
Response: 30070413  
Conc: 58.13 ng/ml



#10 gamma-Chlordane

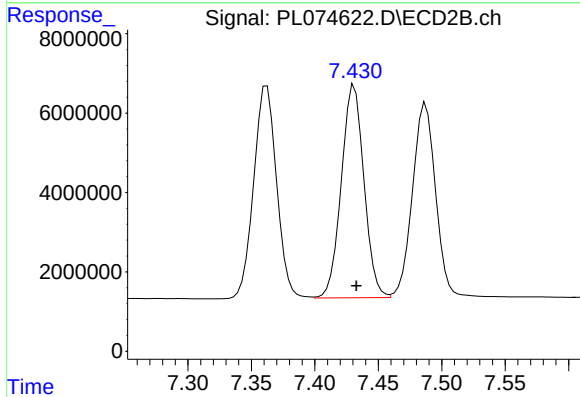
R.T.: 7.362 min  
Delta R.T.: -0.001 min  
Response: 67277577  
Conc: 48.55 ng/ml



#11 alpha-Chlordane

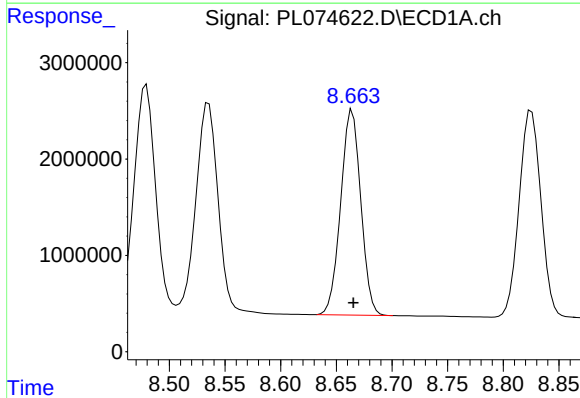
R.T.: 8.479 min  
Delta R.T.: 0.000 min  
Response: 33993741  
Conc: 55.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



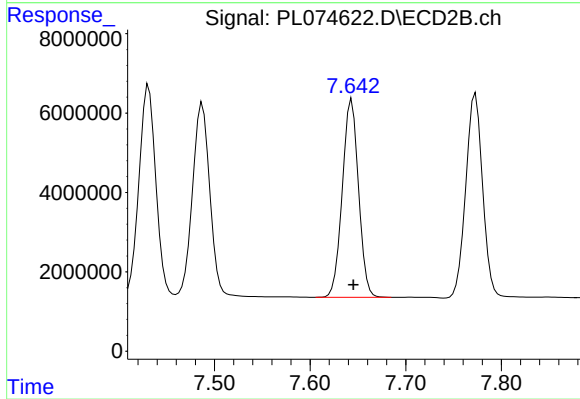
#11 alpha-Chlordane

R.T.: 7.431 min  
Delta R.T.: -0.002 min  
Response: 66499831  
Conc: 49.19 ng/ml



#12 4,4'-DDE

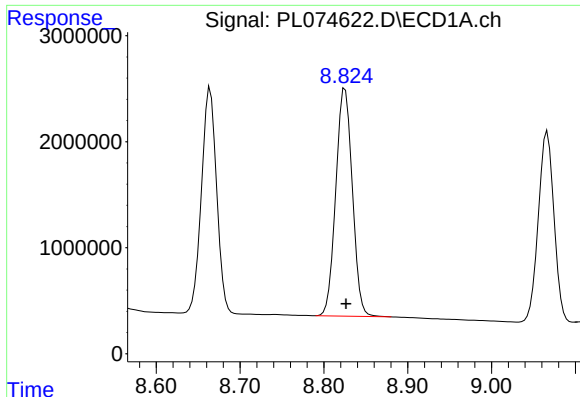
R.T.: 8.664 min  
Delta R.T.: -0.001 min  
Response: 26772953  
Conc: 57.83 ng/ml



#12 4,4'-DDE

R.T.: 7.644 min  
Delta R.T.: -0.002 min  
Response: 58943010  
Conc: 50.09 ng/ml

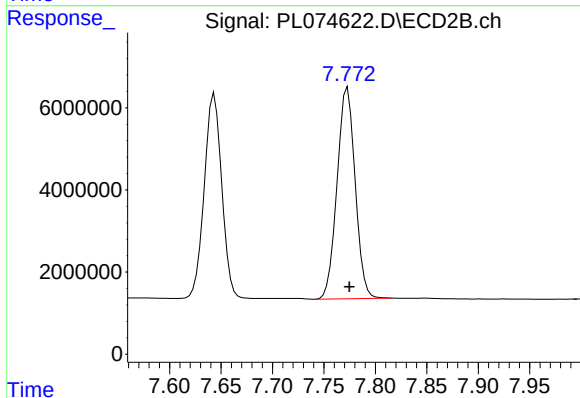




#13 Dieldrin

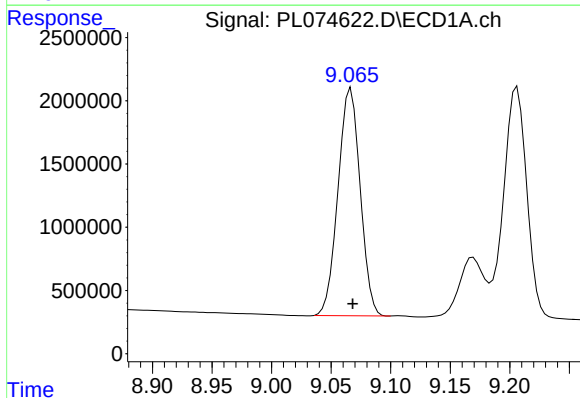
R.T.: 8.825 min  
Delta R.T.: -0.001 min  
Response: 29447556  
Conc: 56.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



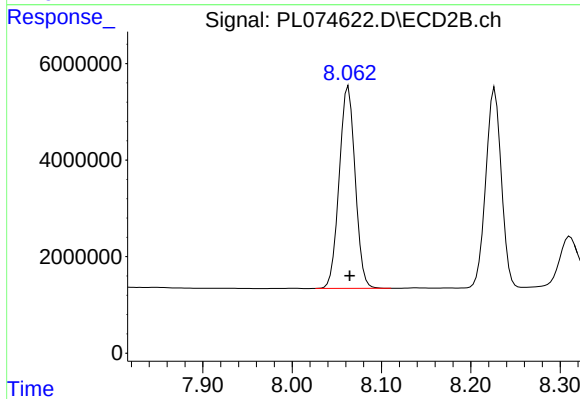
#13 Dieldrin

R.T.: 7.773 min  
Delta R.T.: -0.002 min  
Response: 62977838  
Conc: 49.44 ng/ml



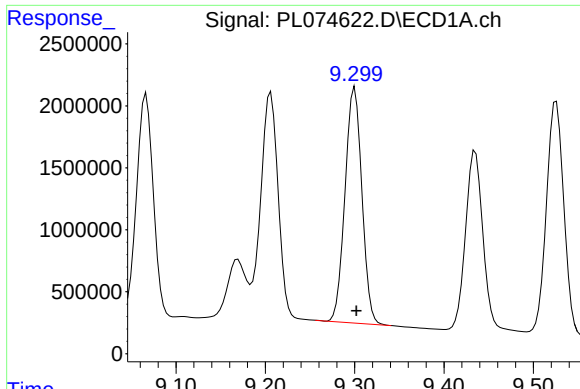
#14 Endrin

R.T.: 9.067 min  
Delta R.T.: -0.001 min  
Response: 23309700  
Conc: 56.49 ng/ml



#14 Endrin

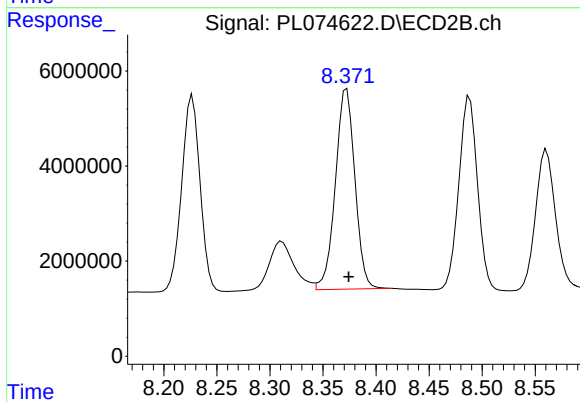
R.T.: 8.063 min  
Delta R.T.: -0.002 min  
Response: 51940693  
Conc: 49.17 ng/ml



#15 Endosulfan II

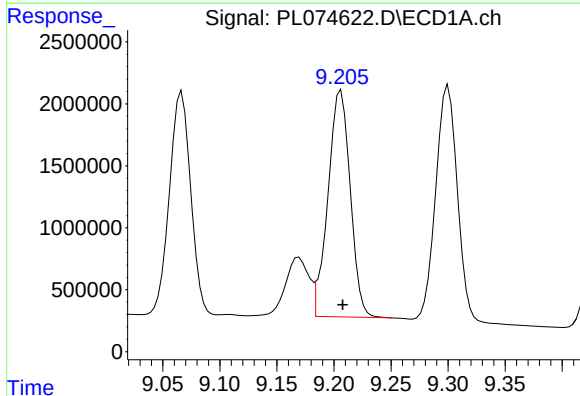
R.T.: 9.300 min  
Delta R.T.: -0.002 min  
Response: 24937808  
Conc: 56.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



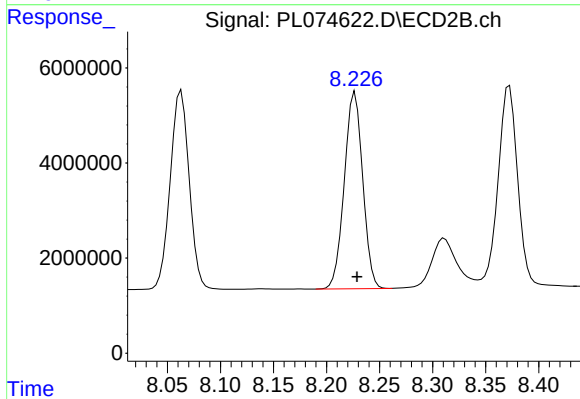
#15 Endosulfan II

R.T.: 8.372 min  
Delta R.T.: -0.002 min  
Response: 53968116  
Conc: 47.78 ng/ml



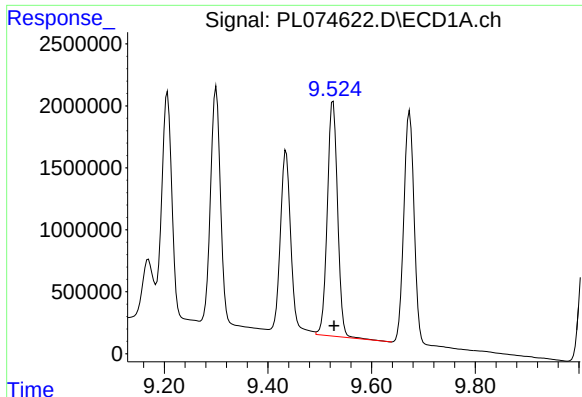
#16 4,4'-DDD

R.T.: 9.206 min  
Delta R.T.: -0.002 min  
Response: 24826487  
Conc: 54.91 ng/ml



#16 4,4'-DDD

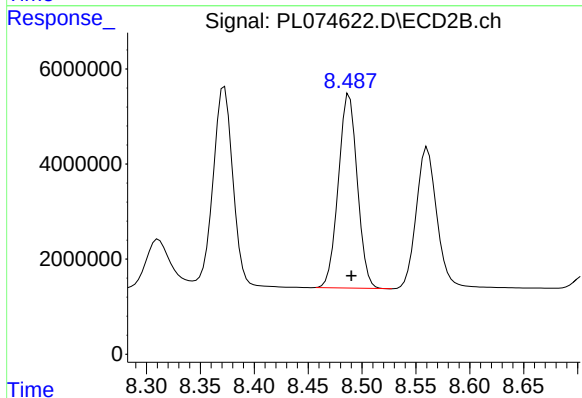
R.T.: 8.227 min  
Delta R.T.: -0.002 min  
Response: 49809236  
Conc: 50.56 ng/ml



#17 4,4'-DDT

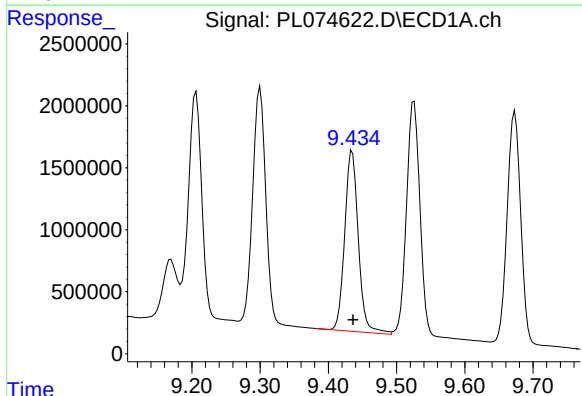
R.T.: 9.526 min  
Delta R.T.: -0.002 min  
Response: 26130162  
Conc: 56.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



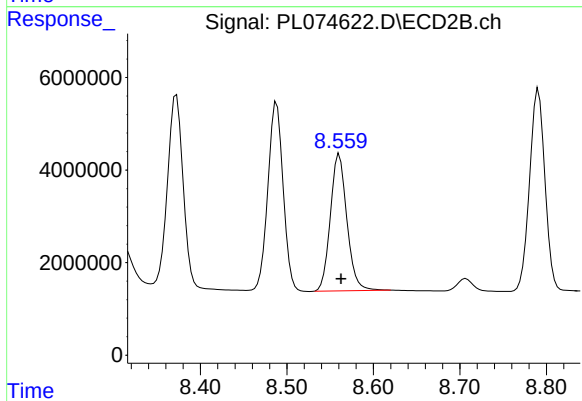
#17 4,4'-DDT

R.T.: 8.488 min  
Delta R.T.: -0.002 min  
Response: 49985023  
Conc: 49.96 ng/ml



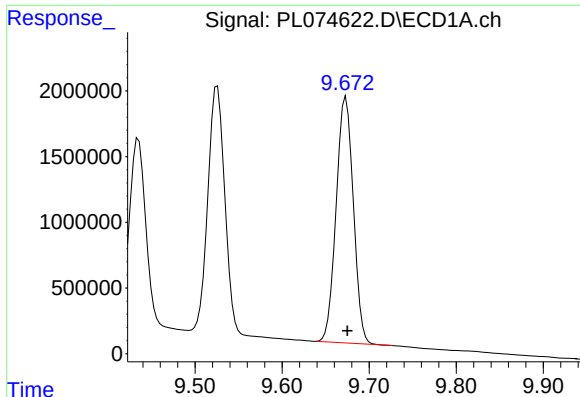
#18 Endrin aldehyde

R.T.: 9.435 min  
Delta R.T.: -0.001 min  
Response: 20230525  
Conc: 57.16 ng/ml



#18 Endrin aldehyde

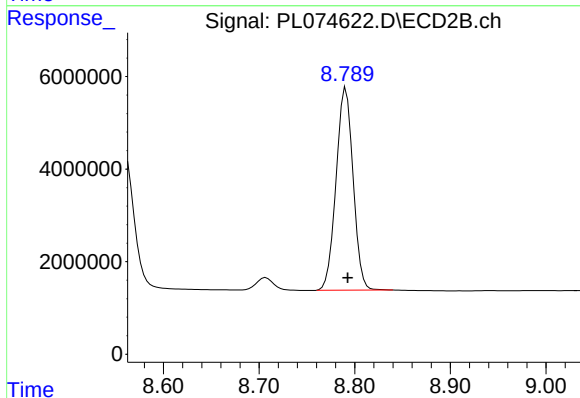
R.T.: 8.561 min  
Delta R.T.: -0.002 min  
Response: 39208184  
Conc: 49.09 ng/ml



#19 Endosulfan Sulfate

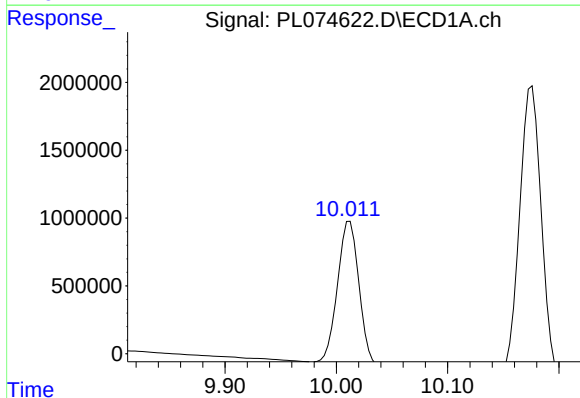
R.T.: 9.673 min  
Delta R.T.: -0.002 min  
Response: 25598751  
Conc: 56.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



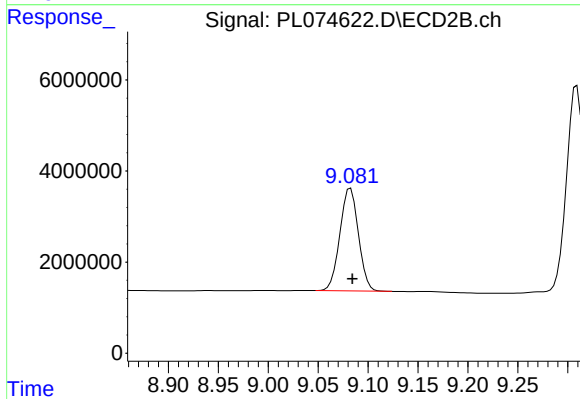
#19 Endosulfan Sulfate

R.T.: 8.791 min  
Delta R.T.: -0.002 min  
Response: 54129325  
Conc: 49.73 ng/ml



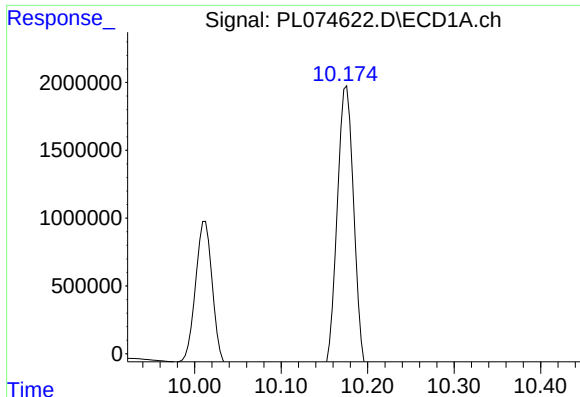
#20 Methoxychlor

R.T.: 10.012 min  
Delta R.T.: 0.000 min  
Response: 14090553  
Conc: 57.53 ng/ml



#20 Methoxychlor

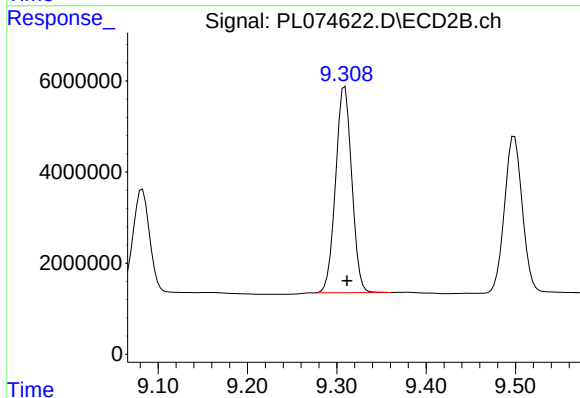
R.T.: 9.082 min  
Delta R.T.: -0.002 min  
Response: 29115662  
Conc: 49.82 ng/ml



#21 Endrin ketone

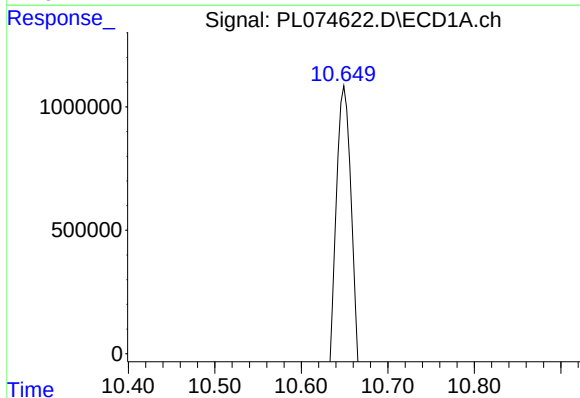
R.T.: 10.176 min  
Delta R.T.: -0.001 min  
Response: 29110423  
Conc: 56.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



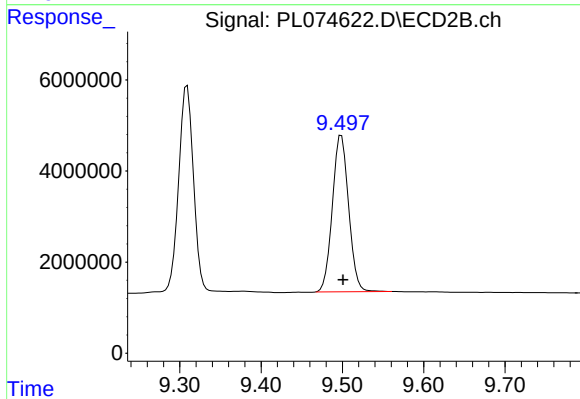
#21 Endrin ketone

R.T.: 9.309 min  
Delta R.T.: -0.002 min  
Response: 56842052  
Conc: 50.98 ng/ml



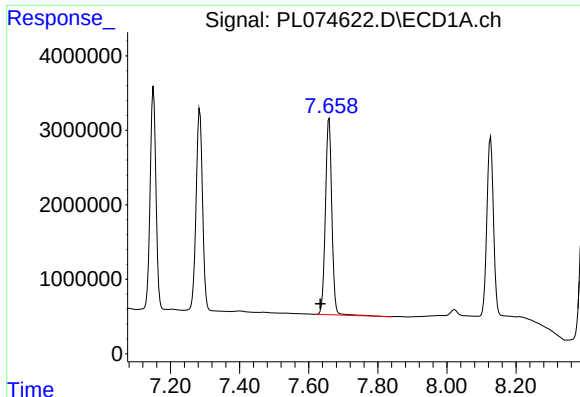
#22 Mirex

R.T.: 10.650 min  
Delta R.T.: -0.001 min  
Response: 23454562  
Conc: 58.13 ng/ml



#22 Mirex

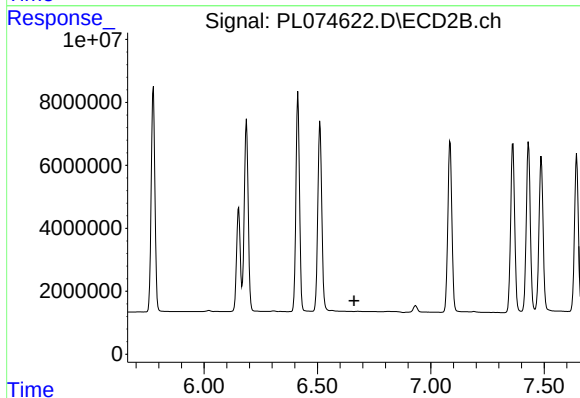
R.T.: 9.499 min  
Delta R.T.: -0.002 min  
Response: 47842448  
Conc: 49.39 ng/ml



#24 Chlordane-2

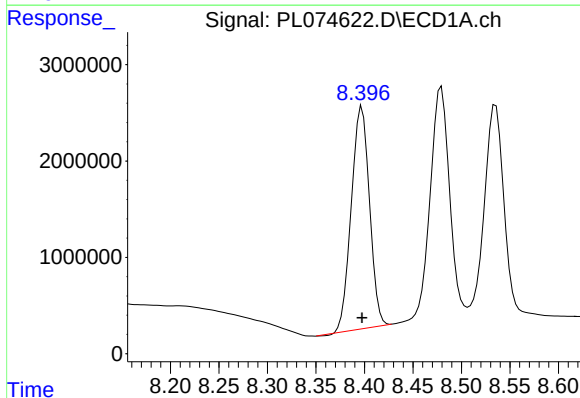
R.T.: 7.659 min  
Delta R.T.: 0.025 min  
Response: 34087057  
Conc: 1537.94 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



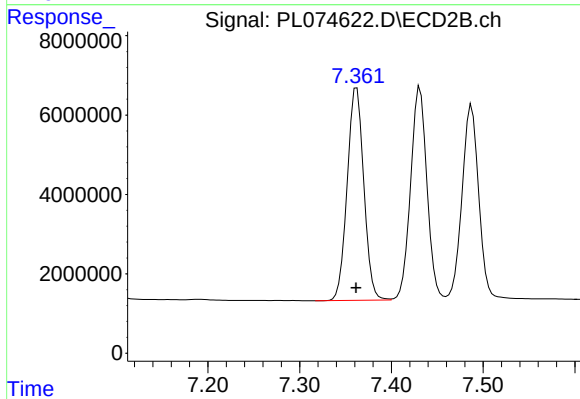
#24 Chlordane-2

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



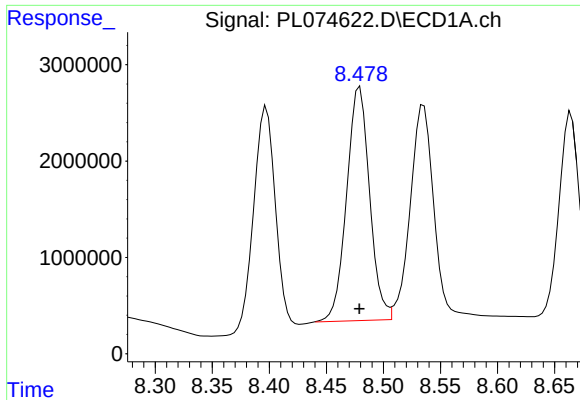
#25 Chlordane-3

R.T.: 8.397 min  
Delta R.T.: 0.000 min  
Response: 30070413  
Conc: 439.25 ng/ml



#25 Chlordane-3

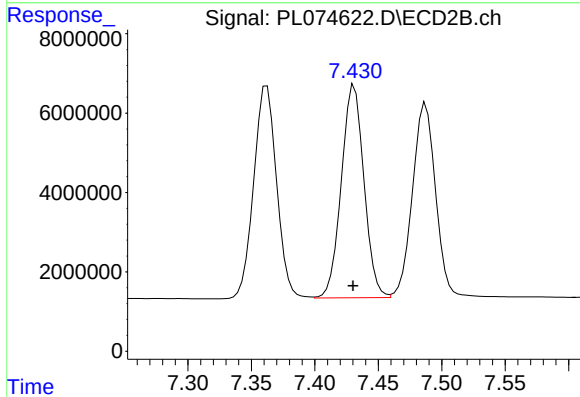
R.T.: 7.362 min  
Delta R.T.: 0.000 min  
Response: 67277577  
Conc: 518.36 ng/ml



#26 Chlordane-4

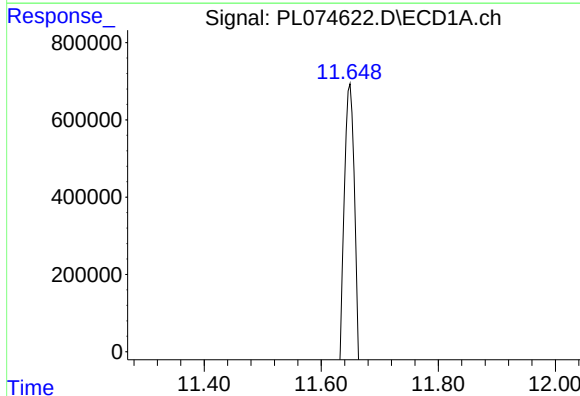
R.T.: 8.479 min  
Delta R.T.: 0.000 min  
Response: 33993741  
Conc: 352.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



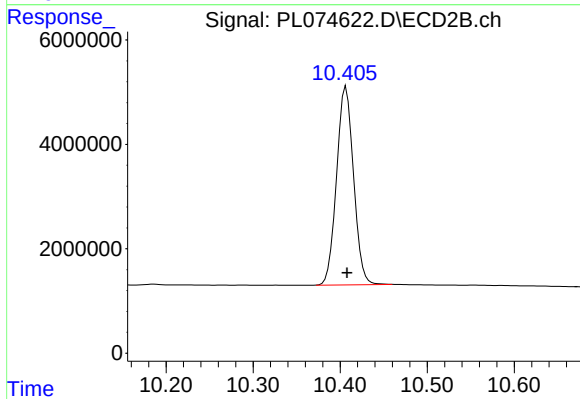
#26 Chlordane-4

R.T.: 7.431 min  
Delta R.T.: 0.001 min  
Response: 66499831  
Conc: 485.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.649 min  
Delta R.T.: -0.002 min  
Response: 26320728  
Conc: 58.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.407 min  
Delta R.T.: 0.000 min  
Response: 51562080  
Conc: 50.24 ng/ml