

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041222\  
 Data File : PL073974.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Apr 2022 13:06  
 Operator : AR\AJ  
 Sample : N2257-05MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 12 16:36:04 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 08 15:48:40 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... | 4.637  | 5.489   | 6338762  | 29949009 | 19.618   | 16.797     |
| 2)                          | SA Decachlor... | 10.410 | 11.318f | 12675529 | 59313312 | 24.375   | 33.581 #   |
| Target Compounds            |                 |        |         |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.346  | 6.053   | 22058699 | 114.8E6  | 52.563   | 45.606     |
| 3)                          | MA gamma-BHC... | 5.768  | 6.442   | 25693953 | 87015613 | 61.264   | 36.760 #   |
| 4)                          | MA Heptachlor   | 6.180  | 7.101   | 20044482 | 97911272 | 44.498   | 37.537     |
| 5)                          | MB Aldrin       | 6.505  | 7.469   | 20861847 | 100.6E6  | 50.264   | 42.840     |
| 6)                          | B beta-BHC      | 6.150  | 6.678   | 10139684 | 46198882 | 49.625   | 40.992     |
| 7)                          | B delta-BHC     | 6.411  | 6.946   | 21443055 | 103.0E6  | 51.836   | 42.190     |
| 8)                          | B Heptachlo...  | 7.082  | 7.926   | 20267334 | 87657356 | 47.250   | 38.932     |
| 9)                          | A Endosulfan I  | 7.486  | 8.326   | 16033612 | 82289834 | 39.095   | 41.800     |
| 10)                         | B gamma-Chl...  | 7.360  | 8.194   | 24209445 | 122.1E6  | 55.198   | 54.756     |
| 11)                         | B alpha-Chl...  | 7.430  | 8.277   | 22285527 | 102.0E6  | 50.446   | 47.400     |
| 12)                         | B 4,4'-DDE      | 7.644  | 8.462   | 19289940 | 73856555 | 52.876   | 37.082 #   |
| 13)                         | MA Dieldrin     | 7.773  | 8.611   | 26600670 | 88064106 | 61.924   | 43.916 #   |
| 14)                         | MA Endrin       | 8.063  | 8.846   | 20630368 | 79515041 | 50.784   | 46.949     |
| 15)                         | B Endosulfa...  | 8.375  | 9.069   | 20035762 | 67247814 | 48.612   | 38.710     |
| 16)                         | A 4,4'-DDD      | 8.231  | 8.987   | 16195609 | 81820267 | 50.153   | 53.178     |
| 17)                         | MA 4,4'-DDT     | 8.490  | 9.307   | 18591703 | 80615387 | 50.297   | 45.477     |
| 18)                         | B Endrin al...  | 8.563  | 9.202   | 14059220 | 61571195 | 43.453   | 47.670     |
| 19)                         | B Endosulfa...  | 8.793  | 9.440   | 20411525 | 68358389 | 47.800   | 41.073     |
| 20)                         | A Methoxychlor  | 9.088  | 9.788   | 8869187  | 56352301 | 35.724   | 58.588 #   |
| 21)                         | B Endrin ke...  | 9.312  | 9.927   | 19388130 | 79198129 | 39.685   | 45.754     |
| 22)                         | Mirex           | 9.500  | 10.404  | 15370409 | 48245740 | 32.955   | 35.027     |
| 23)                         | Chlordane-1     | 5.971  | 6.872   | 148523   | 839779   | 11.923   | 10.523     |
| 24)                         | Chlordane-2     | 6.641f | 7.469f  | 570201   | 100.6E6  | 32.721   | 1217.528 # |
| 25)                         | Chlordane-3     | 7.360  | 8.194   | 24209445 | 122.1E6  | 559.601  | 360.997 #  |
| 26)                         | Chlordane-4     | 7.430  | 8.277   | 22285527 | 102.0E6  | 480.165  | 257.251 #  |
| 27)                         | Chlordane-5     | 8.375  | 9.160   | 20035762 | -170976  | 1148.794 | N.D. #     |
| -----                       |                 |        |         |          |          |          |            |

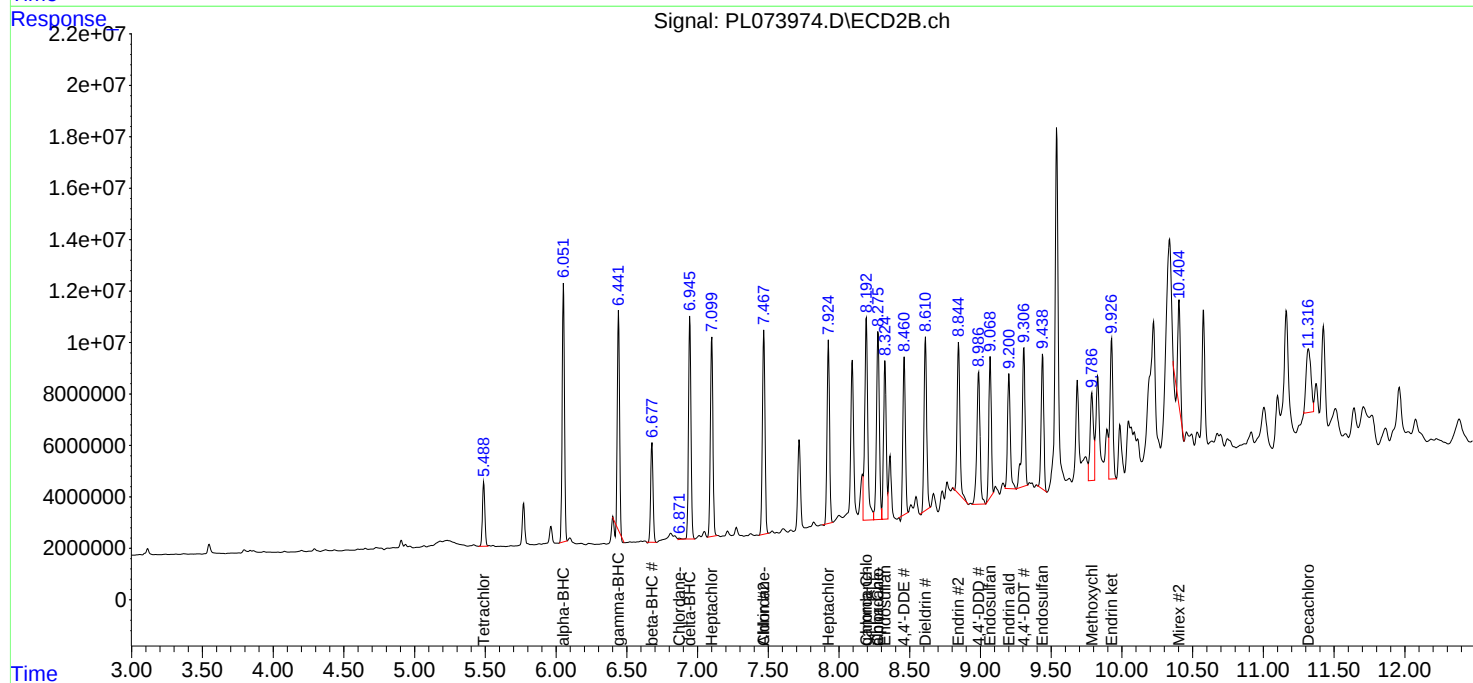
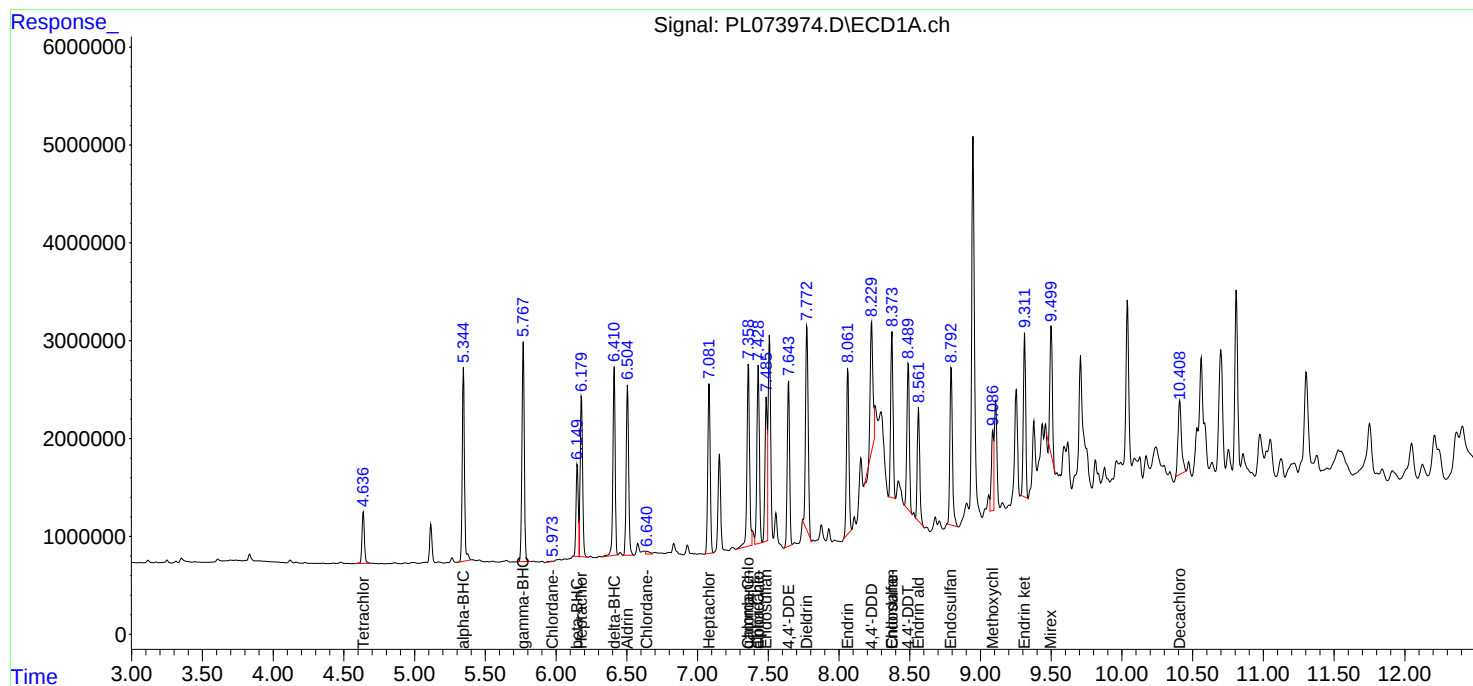
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

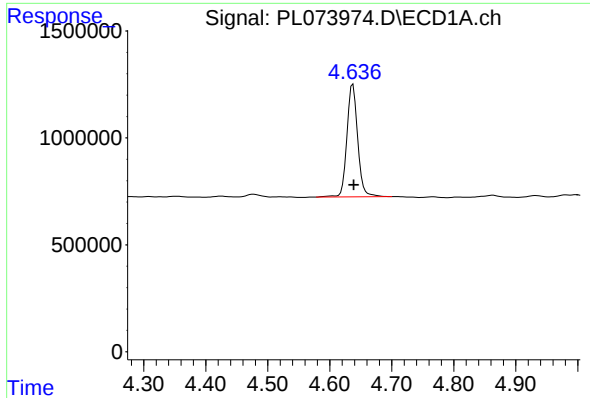
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041222\  
Data File : PL073974.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Apr 2022 13:06  
Operator : AR\AJ  
Sample : N2257-05MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 12 16:36:04 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 08 15:48:40 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

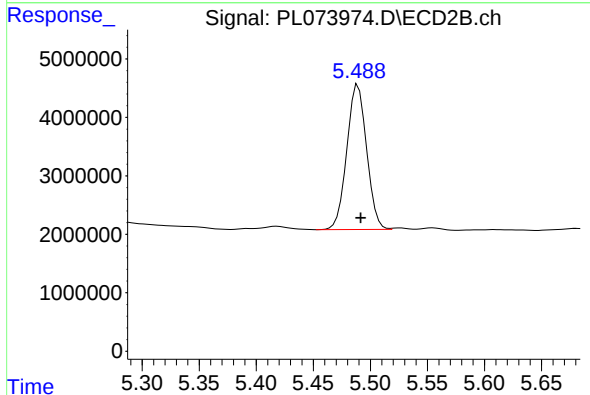




#1 Tetrachloro-m-xylene

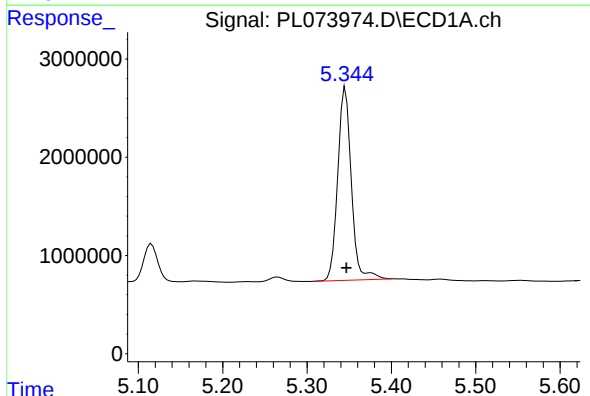
R.T.: 4.637 min  
Delta R.T.: -0.002 min  
Response: 6338762  
Conc: 19.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



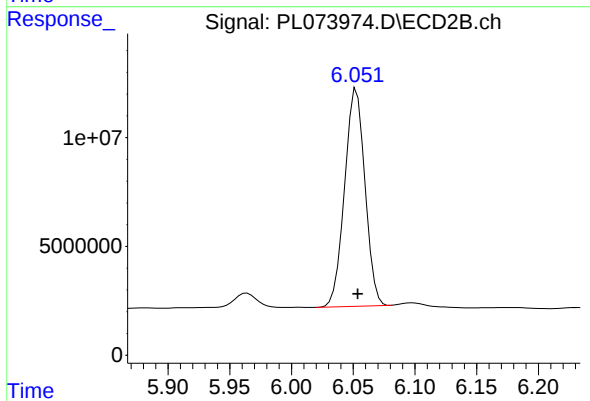
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.002 min  
Response: 29949009  
Conc: 16.80 ng/ml



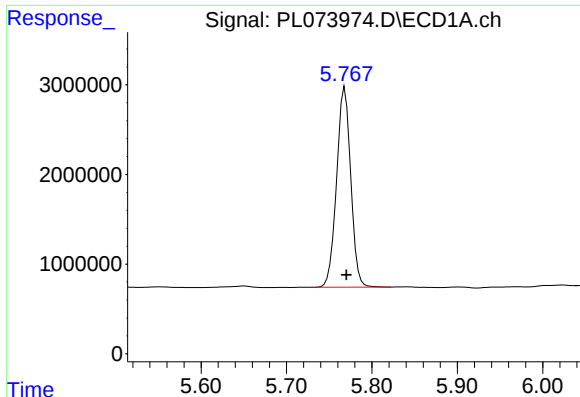
#2 alpha-BHC

R.T.: 5.346 min  
Delta R.T.: -0.001 min  
Response: 22058699  
Conc: 52.56 ng/ml



#2 alpha-BHC

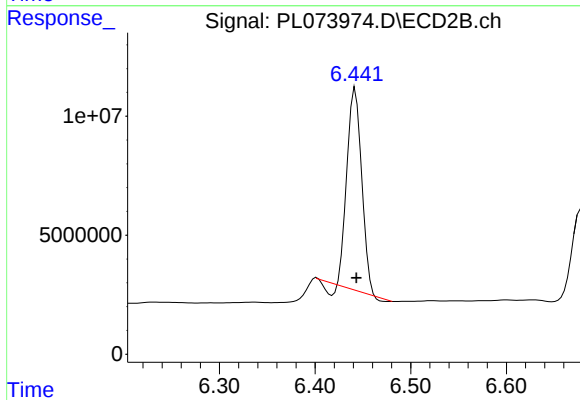
R.T.: 6.053 min  
Delta R.T.: -0.001 min  
Response: 114838971  
Conc: 45.61 ng/ml



#3 gamma-BHC (Lindane)

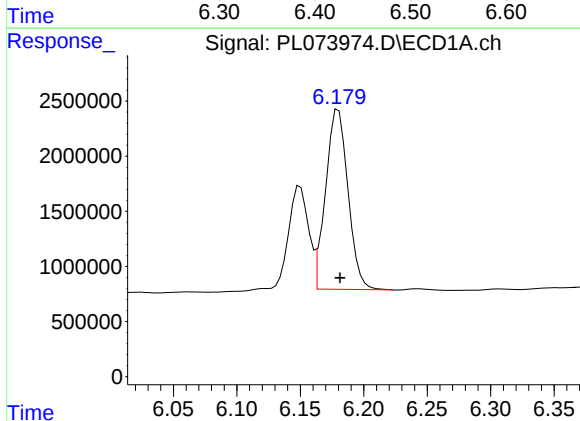
R.T.: 5.768 min  
Delta R.T.: -0.002 min  
Response: 25693953  
Conc: 61.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



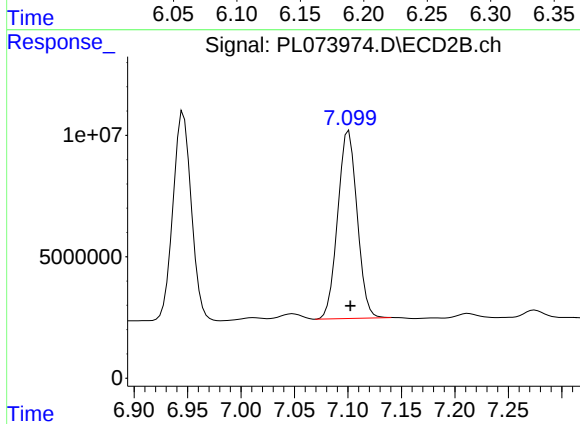
#3 gamma-BHC (Lindane)

R.T.: 6.442 min  
Delta R.T.: -0.001 min  
Response: 87015613  
Conc: 36.76 ng/ml



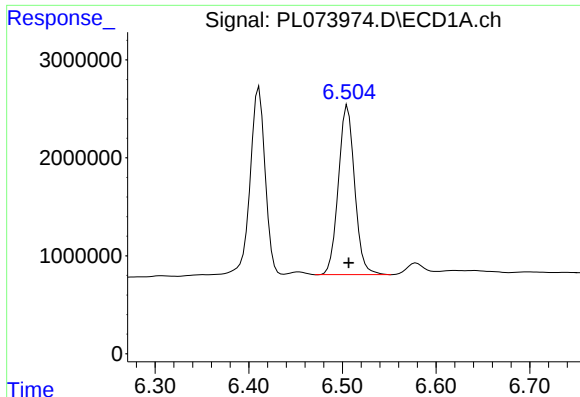
#4 Heptachlor

R.T.: 6.180 min  
Delta R.T.: -0.001 min  
Response: 20044482  
Conc: 44.50 ng/ml



#4 Heptachlor

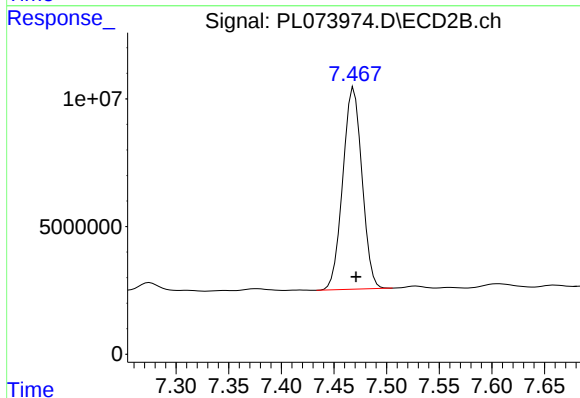
R.T.: 7.101 min  
Delta R.T.: -0.001 min  
Response: 97911272  
Conc: 37.54 ng/ml



#5 Aldrin

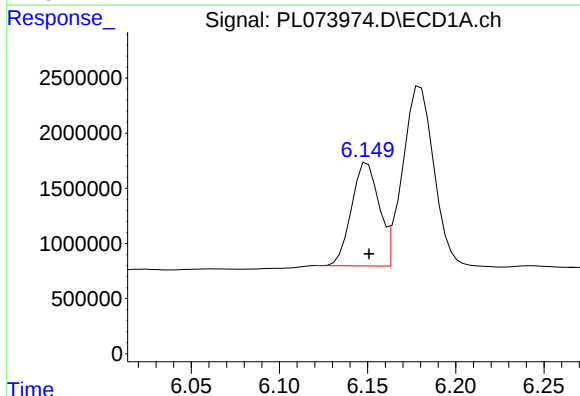
R.T.: 6.505 min  
Delta R.T.: -0.001 min  
Response: 20861847  
Conc: 50.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



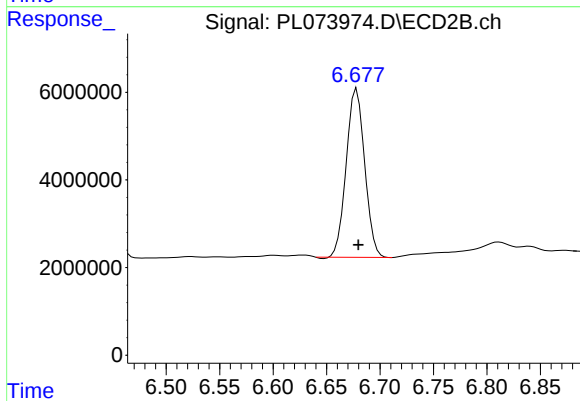
#5 Aldrin

R.T.: 7.469 min  
Delta R.T.: -0.002 min  
Response: 100613094  
Conc: 42.84 ng/ml



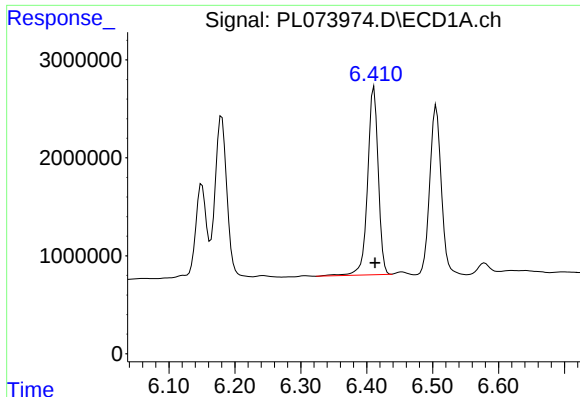
#6 beta-BHC

R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 10139684  
Conc: 49.62 ng/ml



#6 beta-BHC

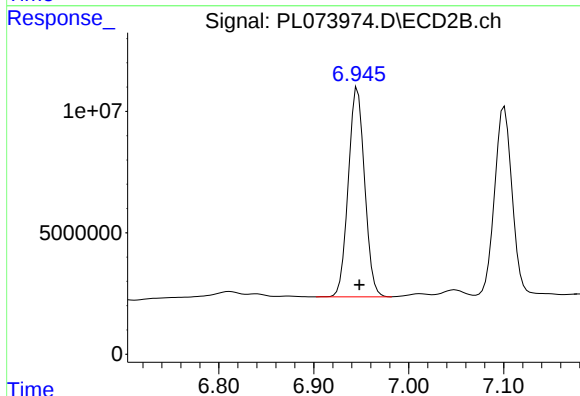
R.T.: 6.678 min  
Delta R.T.: -0.002 min  
Response: 46198882  
Conc: 40.99 ng/ml



#7 delta-BHC

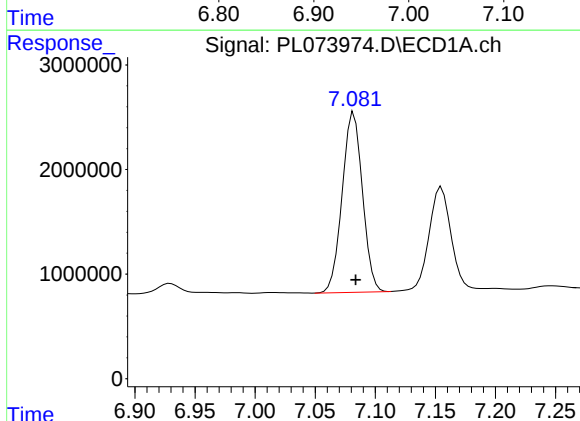
R.T.: 6.411 min  
Delta R.T.: -0.001 min  
Response: 21443055  
Conc: 51.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



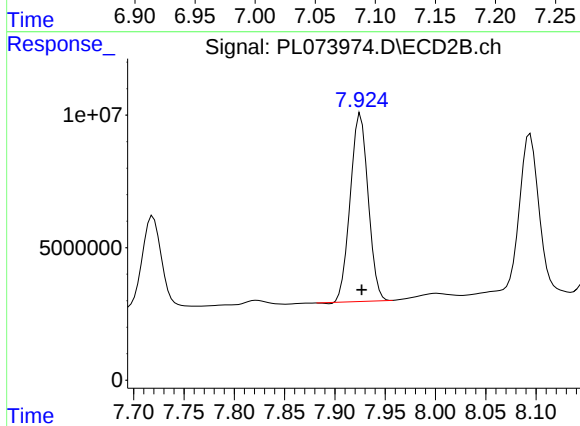
#7 delta-BHC

R.T.: 6.946 min  
Delta R.T.: -0.002 min  
Response: 103040463  
Conc: 42.19 ng/ml



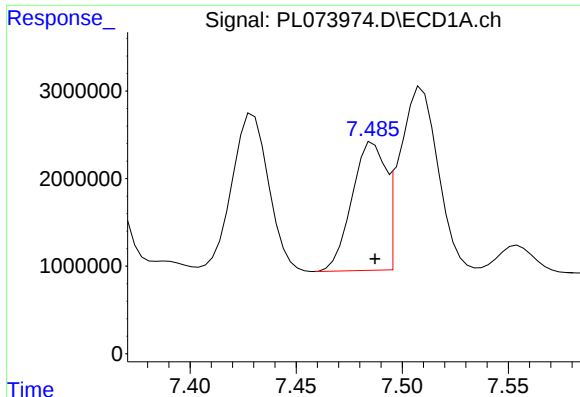
#8 Heptachlor epoxide

R.T.: 7.082 min  
Delta R.T.: -0.001 min  
Response: 20267334  
Conc: 47.25 ng/ml



#8 Heptachlor epoxide

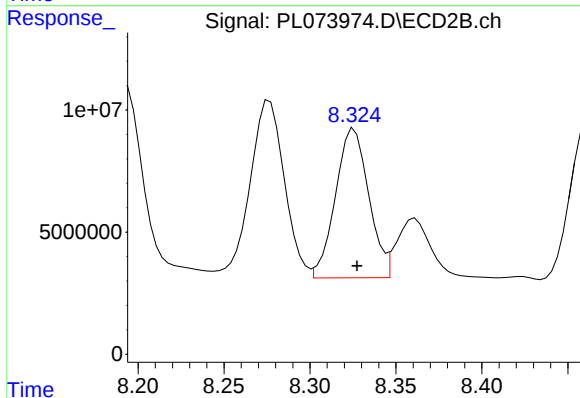
R.T.: 7.926 min  
Delta R.T.: -0.001 min  
Response: 87657356  
Conc: 38.93 ng/ml



#9 Endosulfan I

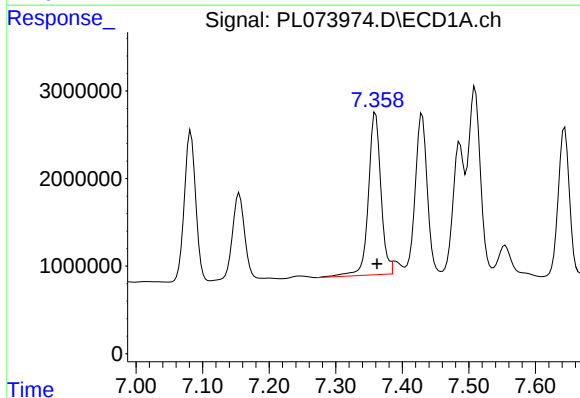
R.T.: 7.486 min  
Delta R.T.: 0.000 min  
Response: 16033612  
Conc: 39.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



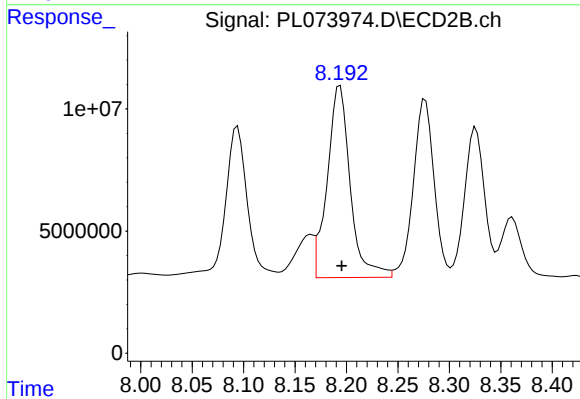
#9 Endosulfan I

R.T.: 8.326 min  
Delta R.T.: -0.002 min  
Response: 82289834  
Conc: 41.80 ng/ml



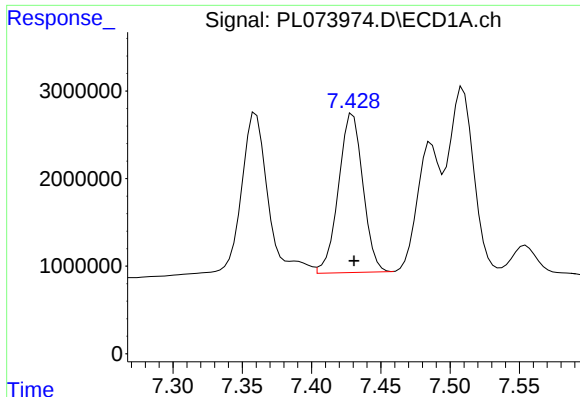
#10 gamma-Chlordane

R.T.: 7.360 min  
Delta R.T.: -0.002 min  
Response: 24209445  
Conc: 55.20 ng/ml



#10 gamma-Chlordane

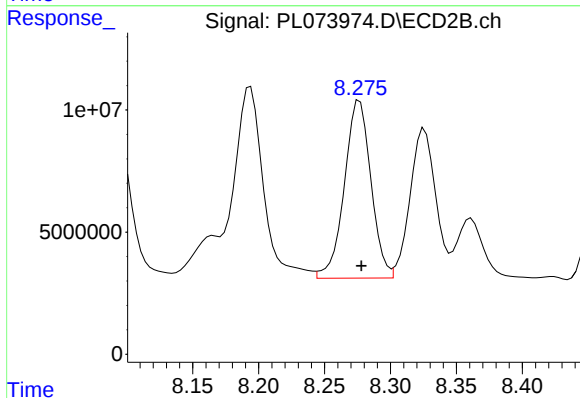
R.T.: 8.194 min  
Delta R.T.: -0.002 min  
Response: 122125515  
Conc: 54.76 ng/ml



#11 alpha-Chlordane

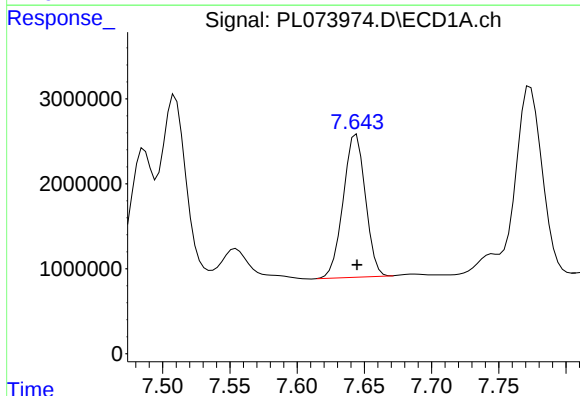
R.T.: 7.430 min  
Delta R.T.: 0.000 min  
Response: 22285527  
Conc: 50.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



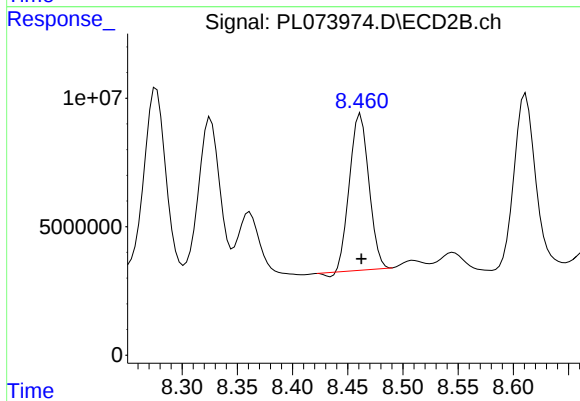
#11 alpha-Chlordane

R.T.: 8.277 min  
Delta R.T.: -0.001 min  
Response: 102031484  
Conc: 47.40 ng/ml



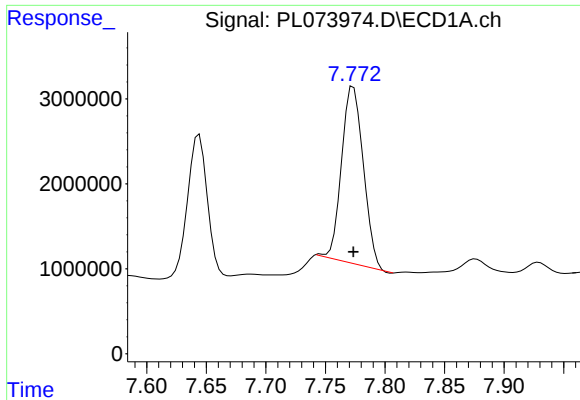
#12 4,4'-DDE

R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 19289940  
Conc: 52.88 ng/ml



#12 4,4'-DDE

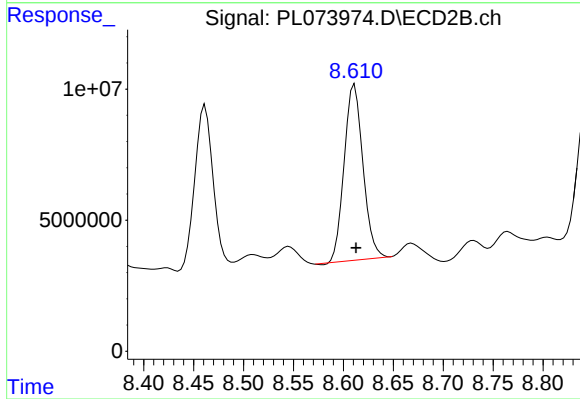
R.T.: 8.462 min  
Delta R.T.: 0.000 min  
Response: 73856555  
Conc: 37.08 ng/ml



#13 Dieldrin

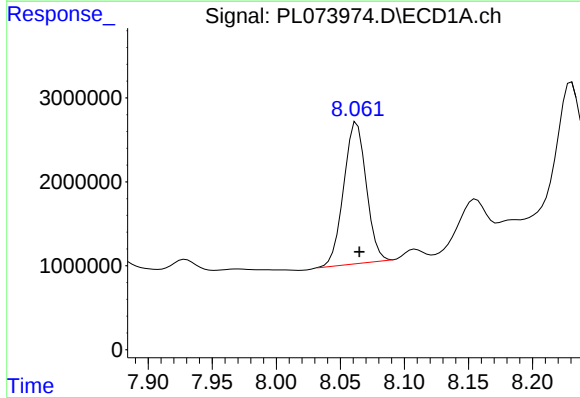
R.T.: 7.773 min  
Delta R.T.: 0.000 min  
Response: 26600670  
Conc: 61.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



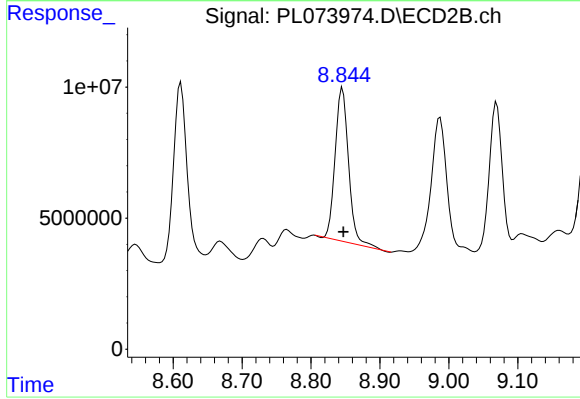
#13 Dieldrin

R.T.: 8.611 min  
Delta R.T.: -0.002 min  
Response: 88064106  
Conc: 43.92 ng/ml



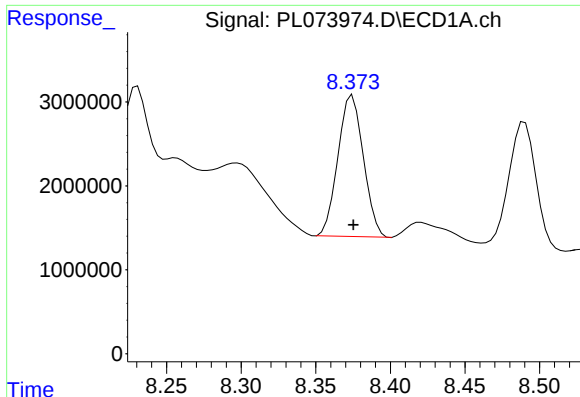
#14 Endrin

R.T.: 8.063 min  
Delta R.T.: -0.002 min  
Response: 20630368  
Conc: 50.78 ng/ml



#14 Endrin

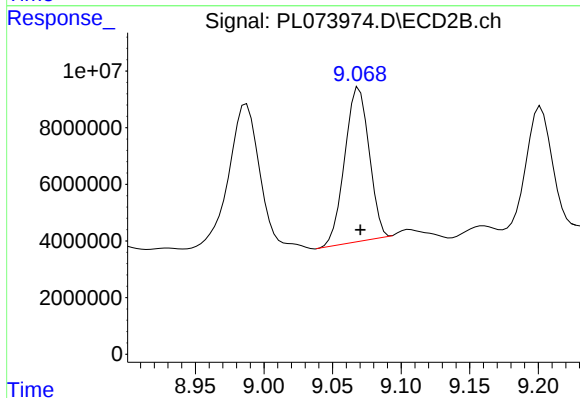
R.T.: 8.846 min  
Delta R.T.: -0.001 min  
Response: 79515041  
Conc: 46.95 ng/ml



#15 Endosulfan II

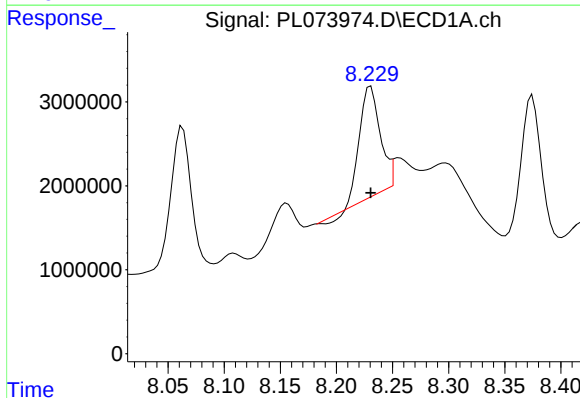
R.T.: 8.375 min  
Delta R.T.: 0.000 min  
Response: 20035762  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



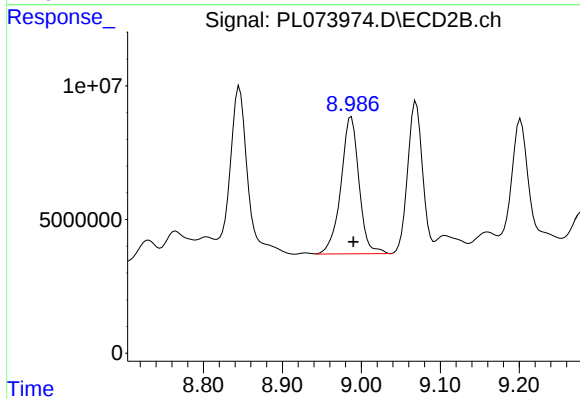
#15 Endosulfan II

R.T.: 9.069 min  
Delta R.T.: 0.000 min  
Response: 67247814  
Conc: 38.71 ng/ml



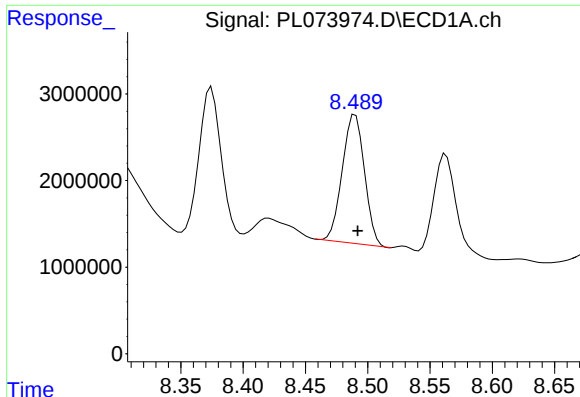
#16 4,4'-DDD

R.T.: 8.231 min  
Delta R.T.: 0.000 min  
Response: 16195609  
Conc: 50.15 ng/ml



#16 4,4'-DDD

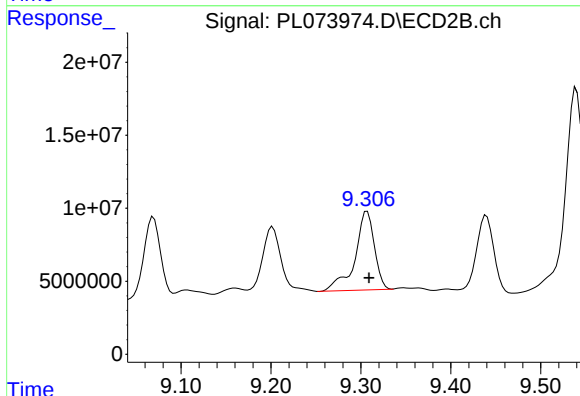
R.T.: 8.987 min  
Delta R.T.: -0.003 min  
Response: 81820267  
Conc: 53.18 ng/ml



#17 4,4'-DDT

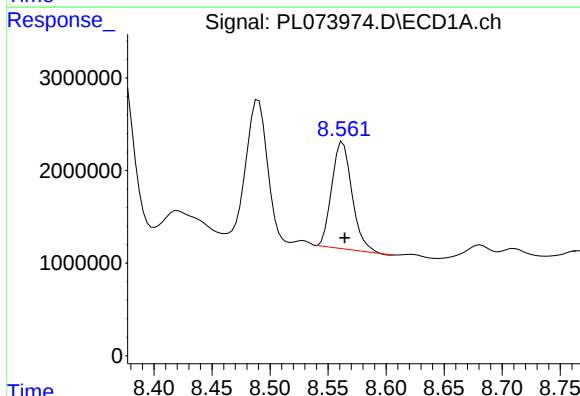
R.T.: 8.490 min  
Delta R.T.: -0.002 min  
Response: 18591703  
Conc: 50.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



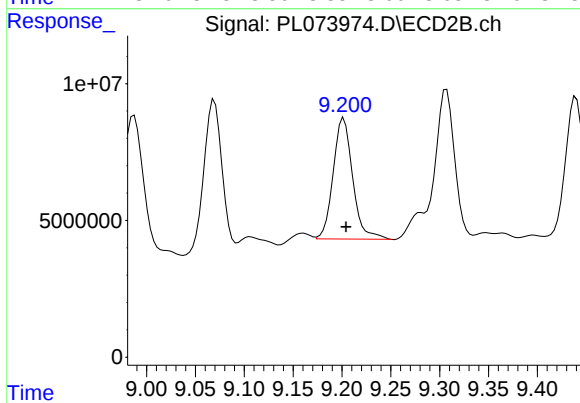
#17 4,4'-DDT

R.T.: 9.307 min  
Delta R.T.: -0.002 min  
Response: 80615387  
Conc: 45.48 ng/ml



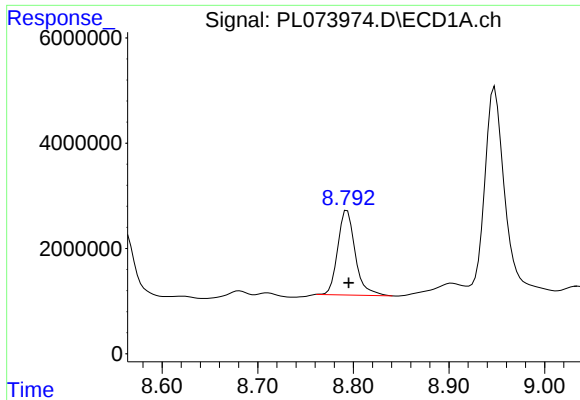
#18 Endrin aldehyde

R.T.: 8.563 min  
Delta R.T.: -0.002 min  
Response: 14059220  
Conc: 43.45 ng/ml



#18 Endrin aldehyde

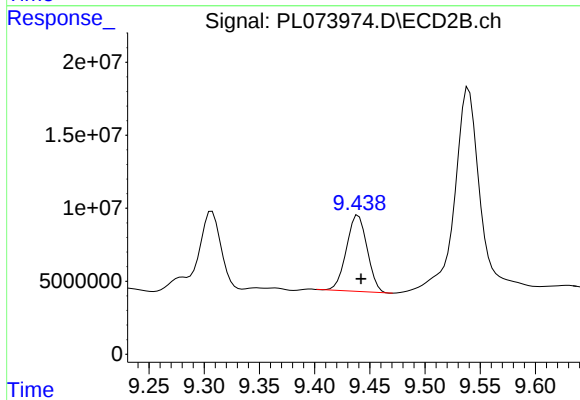
R.T.: 9.202 min  
Delta R.T.: -0.003 min  
Response: 61571195  
Conc: 47.67 ng/ml



#19 Endosulfan Sulfate

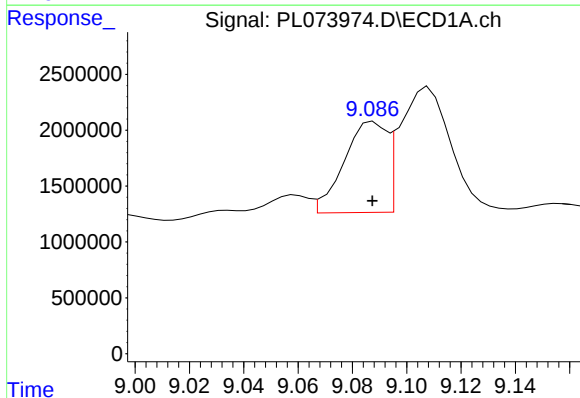
R.T.: 8.793 min  
Delta R.T.: -0.001 min  
Response: 20411525  
Conc: 47.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



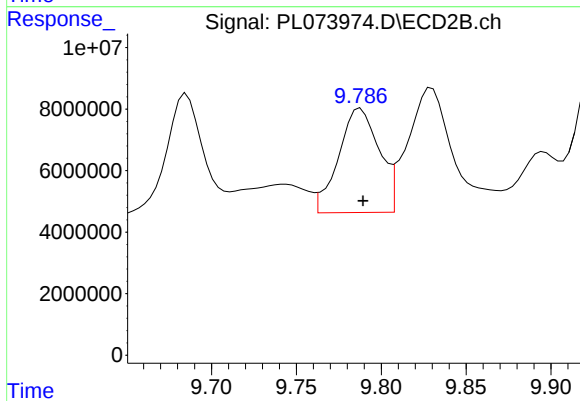
#19 Endosulfan Sulfate

R.T.: 9.440 min  
Delta R.T.: -0.003 min  
Response: 68358389  
Conc: 41.07 ng/ml



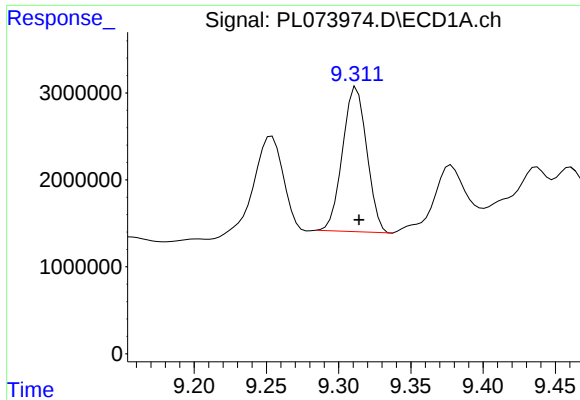
#20 Methoxychlor

R.T.: 9.088 min  
Delta R.T.: 0.000 min  
Response: 8869187  
Conc: 35.72 ng/ml



#20 Methoxychlor

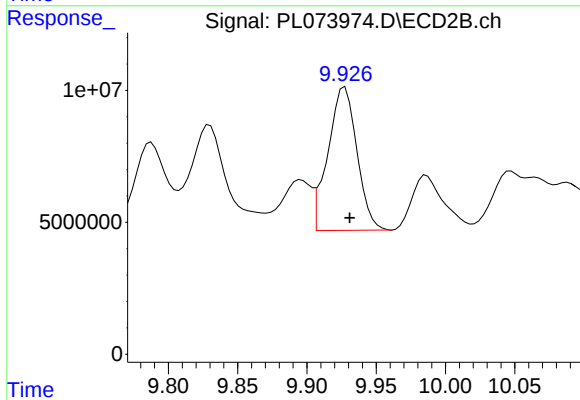
R.T.: 9.788 min  
Delta R.T.: -0.002 min  
Response: 56352301  
Conc: 58.59 ng/ml



#21 Endrin ketone

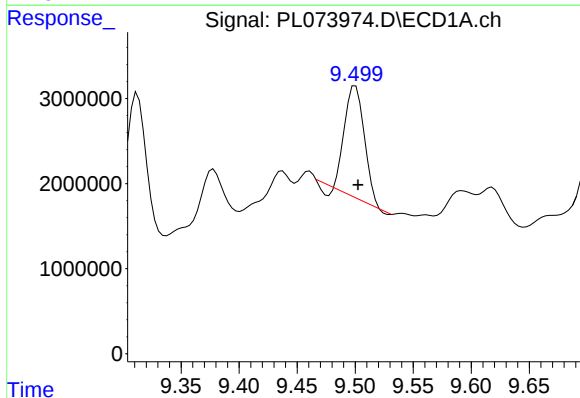
R.T.: 9.312 min  
Delta R.T.: -0.002 min  
Response: 19388130  
Conc: 39.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



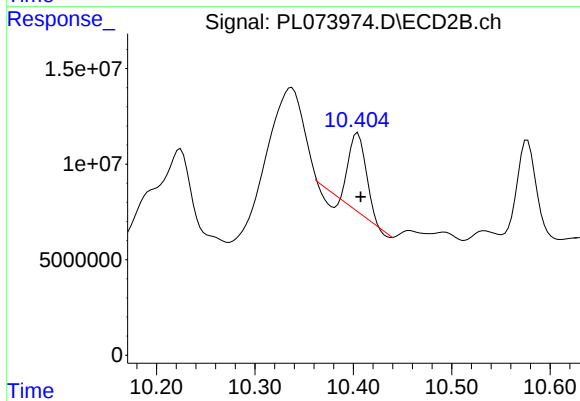
#21 Endrin ketone

R.T.: 9.927 min  
Delta R.T.: -0.003 min  
Response: 79198129  
Conc: 45.75 ng/ml



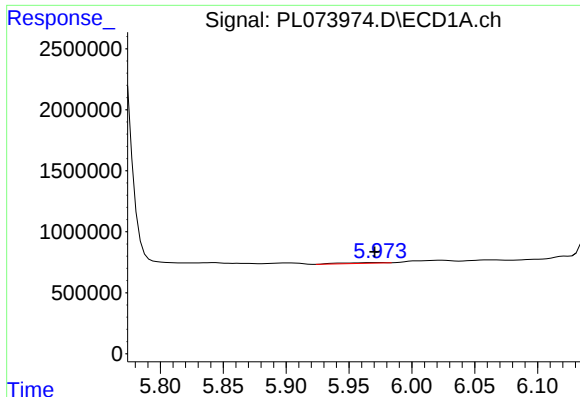
#22 Mirex

R.T.: 9.500 min  
Delta R.T.: -0.002 min  
Response: 15370409  
Conc: 32.96 ng/ml



#22 Mirex

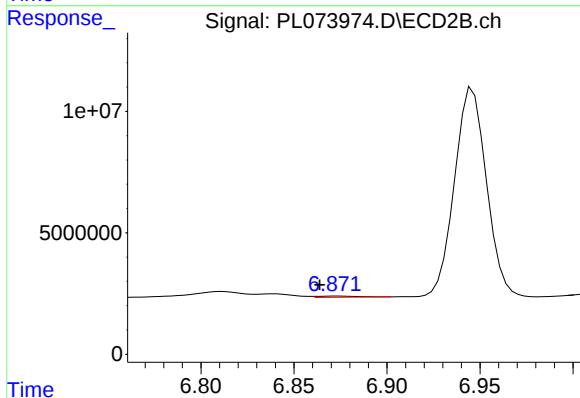
R.T.: 10.404 min  
Delta R.T.: -0.003 min  
Response: 48245740  
Conc: 35.03 ng/ml



#23 Chlordane-1

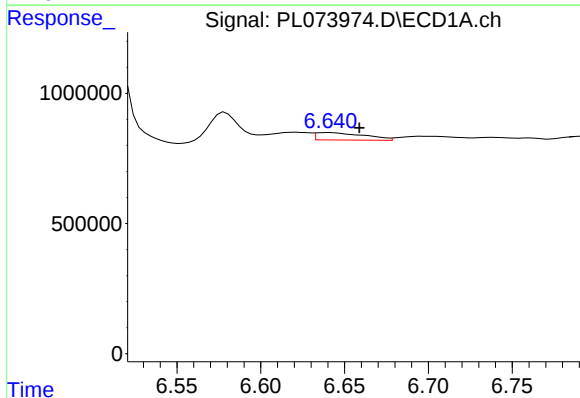
R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 148523  
Conc: 11.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



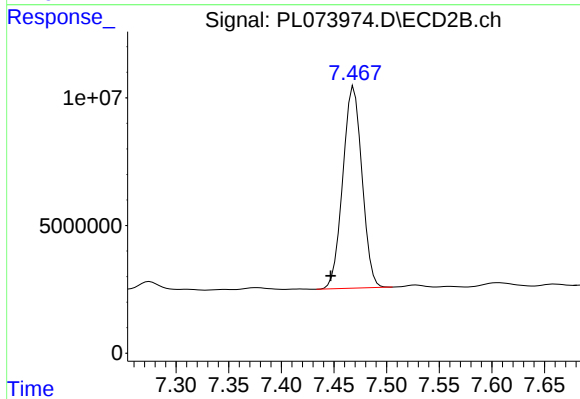
#23 Chlordane-1

R.T.: 6.872 min  
Delta R.T.: 0.009 min  
Response: 839779  
Conc: 10.52 ng/ml



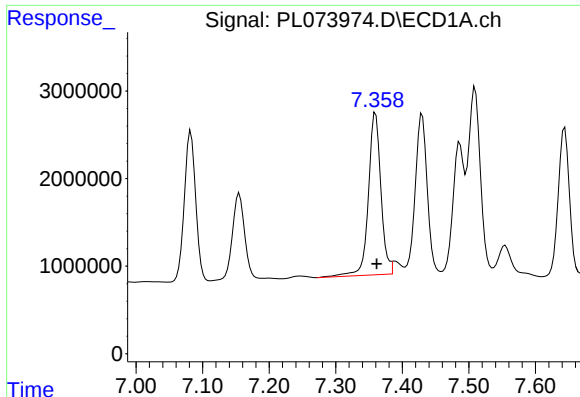
#24 Chlordane-2

R.T.: 6.641 min  
Delta R.T.: -0.018 min  
Response: 570201  
Conc: 32.72 ng/ml



#24 Chlordane-2

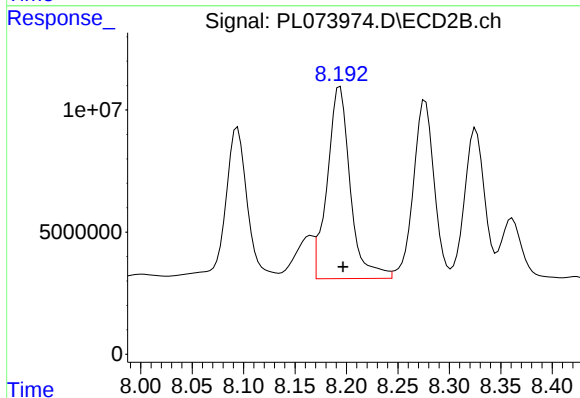
R.T.: 7.469 min  
Delta R.T.: 0.022 min  
Response: 100613094  
Conc: 1217.53 ng/ml



#25 Chlordane-3

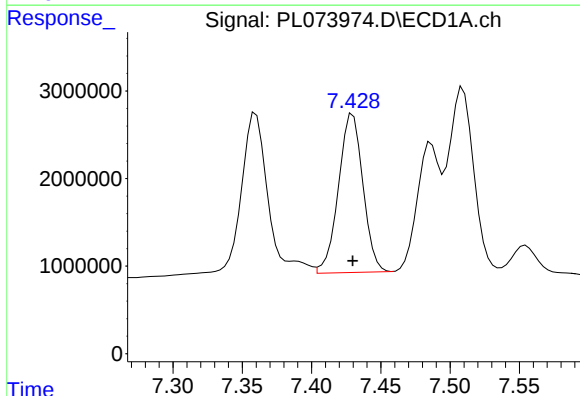
R.T.: 7.360 min  
Delta R.T.: -0.002 min  
Response: 24209445  
Conc: 559.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



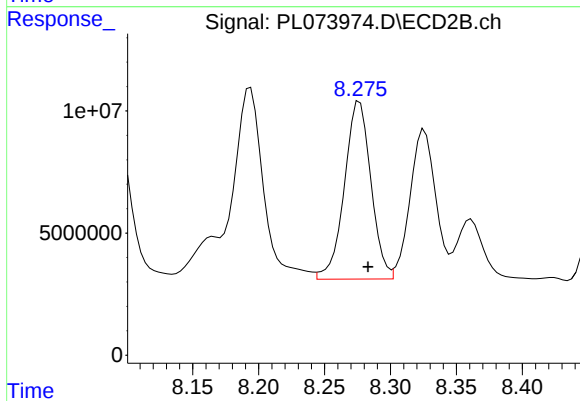
#25 Chlordane-3

R.T.: 8.194 min  
Delta R.T.: -0.003 min  
Response: 122125515  
Conc: 361.00 ng/ml



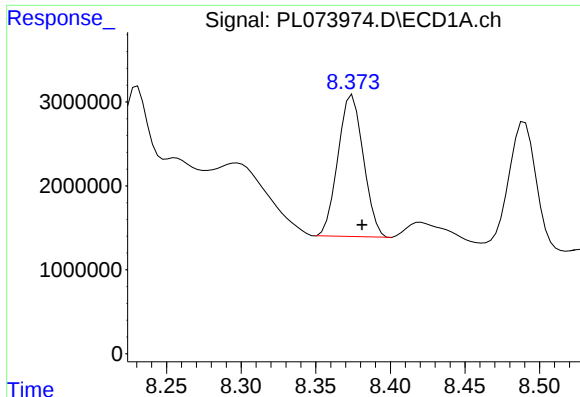
#26 Chlordane-4

R.T.: 7.430 min  
Delta R.T.: 0.000 min  
Response: 22285527  
Conc: 480.16 ng/ml



#26 Chlordane-4

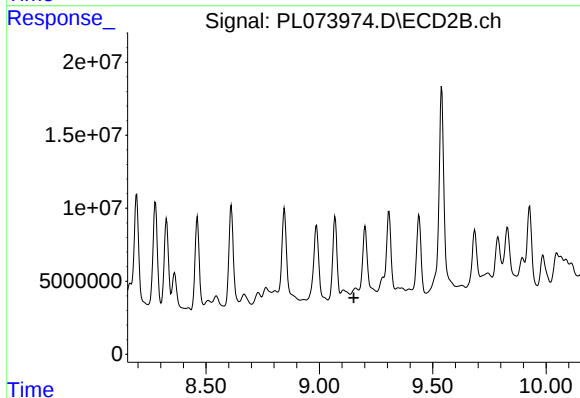
R.T.: 8.277 min  
Delta R.T.: -0.006 min  
Response: 102031484  
Conc: 257.25 ng/ml



#27 Chlordane-5

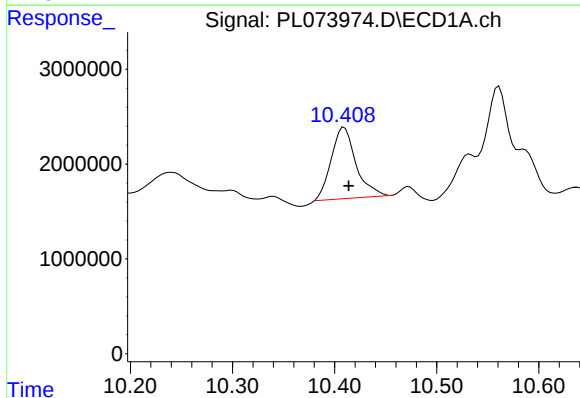
R.T.: 8.375 min  
Delta R.T.: -0.007 min  
Response: 20035762  
Conc: 1148.79 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



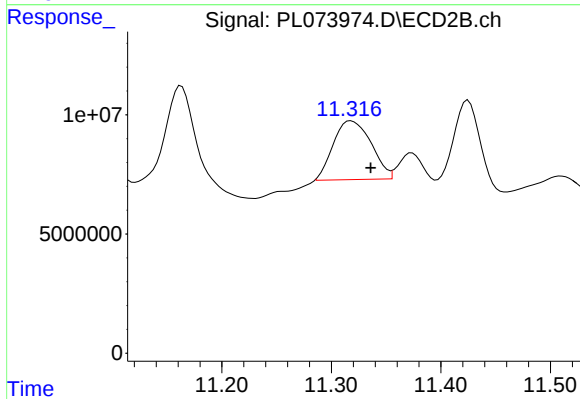
#27 Chlordane-5

R.T.: 9.160 min  
Delta R.T.: 0.009 min  
Response: -170976  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.410 min  
Delta R.T.: -0.004 min  
Response: 12675529  
Conc: 24.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.318 min  
Delta R.T.: -0.018 min  
Response: 59313312  
Conc: 33.58 ng/ml