

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032922\  
 Data File : PL073742.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Mar 2022 20:16  
 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: Mar 30 01:12:05 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 04:12:46 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... | 4.640  | 5.491  | 16658752 | 87899657 | 52.012   | 53.557     |
| 28)                         | SA Decachlor... | 10.415 | 11.332 | 22992284 | 81175572 | 45.216   | 45.396     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.349  | 6.054  | 21606818 | 123.1E6  | 52.418   | 54.717     |
| 3)                          | MA gamma-BHC... | 5.772  | 6.443  | 21393481 | 106.2E6  | 51.286   | 49.750     |
| 4)                          | MA Heptachlor   | 6.183  | 7.102  | 21826903 | 113.9E6  | 48.375   | 48.609     |
| 5)                          | MB Aldrin       | 6.509  | 7.470  | 20876282 | 103.6E6  | 50.527   | 49.467     |
| 6)                          | B beta-BHC      | 6.152  | 6.679  | 10936883 | 49615286 | 53.119   | 47.598     |
| 7)                          | B delta-BHC     | 6.414  | 6.947  | 21470338 | 110.0E6  | 53.456   | 51.065     |
| 8)                          | B Heptachlo...  | 7.086  | 7.926  | 21405556 | 97092503 | 49.667   | 48.612     |
| 9)                          | A Endosulfan I  | 7.489  | 8.326  | 20627726 | 84790839 | 50.285   | 46.451     |
| 10)                         | B gamma-Chl...  | 7.363  | 8.195  | 21975069 | 96337864 | 50.251   | 47.169     |
| 11)                         | B alpha-Chl...  | 7.433  | 8.277  | 22087904 | 93293654 | 49.980   | 46.647     |
| 12)                         | B 4,4'-DDE      | 7.646  | 8.462  | 18084973 | 82730707 | 50.399   | 46.157     |
| 13)                         | MA Dieldrin     | 7.775  | 8.612  | 20988004 | 83914836 | 50.376   | 45.489     |
| 14)                         | MA Endrin       | 8.066  | 8.846  | 18606618 | 64043331 | 47.955   | 41.602     |
| 15)                         | B Endosulfa...  | 8.377  | 9.070  | 19191440 | 67320219 | 49.098   | 43.833     |
| 16)                         | A 4,4'-DDD      | 8.232  | 8.989  | 17045042 | 68162112 | 52.489   | 46.696     |
| 17)                         | MA 4,4'-DDT     | 8.494  | 9.307  | 16308396 | 62759975 | 43.123   | 38.396     |
| 18)                         | B Endrin al...  | 8.565  | 9.203  | 14882252 | 49615772 | 47.059   | 40.459     |
| 19)                         | B Endosulfa...  | 8.796  | 9.440  | 20397383 | 68902401 | 48.287   | 43.718     |
| 20)                         | A Methoxychlor  | 9.089  | 9.787  | 10678716 | 33725761 | 41.627   | 37.428     |
| 21)                         | B Endrin ke...  | 9.315  | 9.928  | 24603813 | 76320079 | 50.291   | 46.238     |
| 22)                         | Mirex           | 9.503  | 10.405 | 21508436 | 59955101 | 45.611   | 44.135     |
| 23)                         | Chlordane-1     | 0.000  | 6.855  | 0        | 598010   | N.D.     | 8.754 #    |
| 24)                         | Chlordane-2     | 0.000  | 7.470f | 0        | 103.6E6  | N.D.     | 1441.870 # |
| 25)                         | Chlordane-3     | 7.363  | 8.195  | 21975069 | 96337864 | 538.154  | 355.317 #  |
| 26)                         | Chlordane-4     | 7.433  | 8.277  | 22087904 | 93293654 | 498.364  | 281.639 #  |
| 27)                         | Chlordane-5     | 8.377  | 0.000  | 19191440 | 0        | 1171.976 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

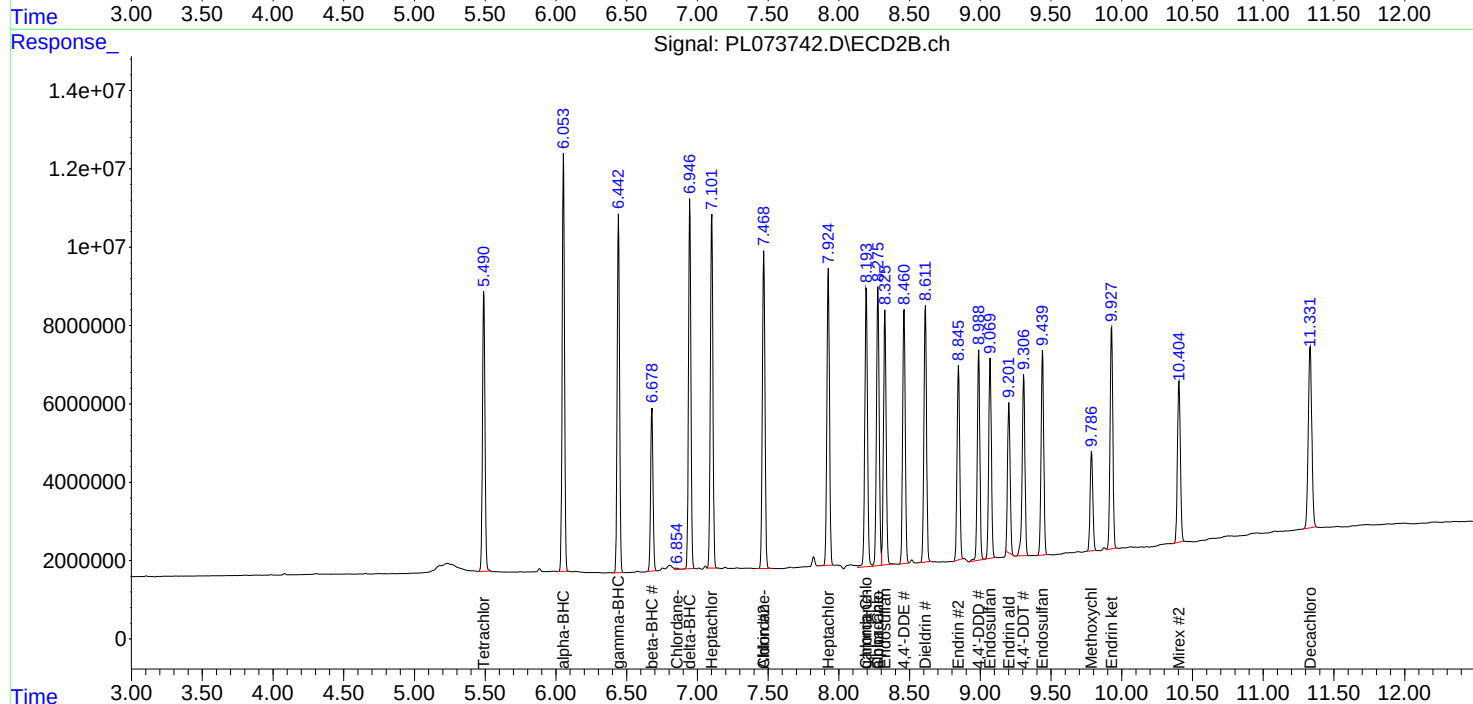
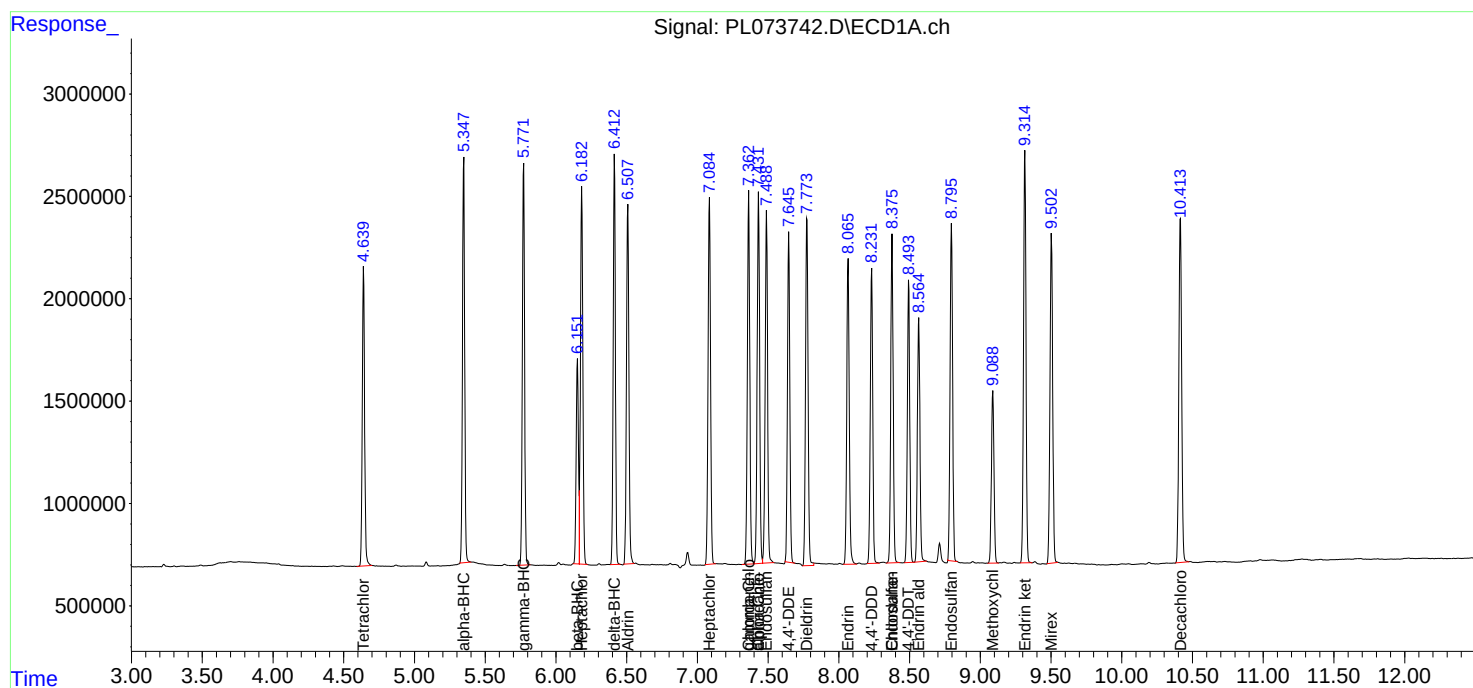
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

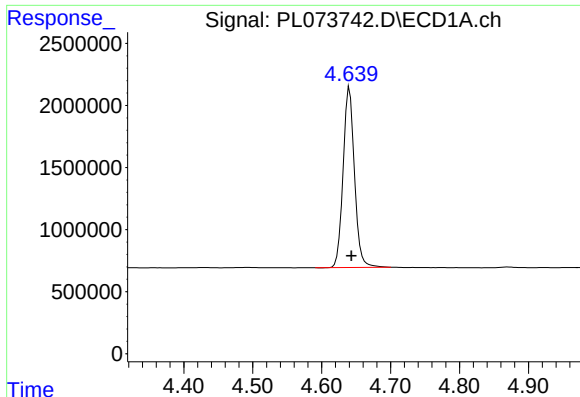
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032922\  
Data File : PL073742.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Mar 2022 20:16  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 30 01:12:05 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 04:12:46 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

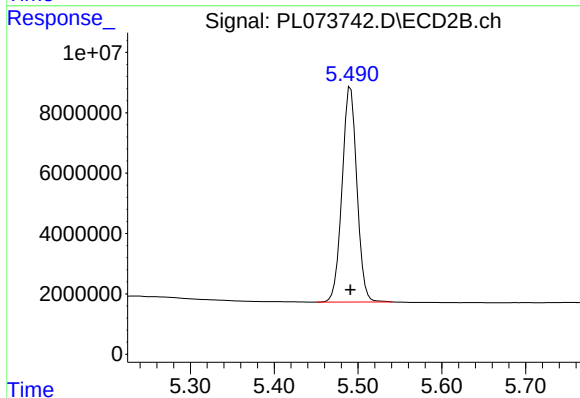




#1 Tetrachloro-m-xylene

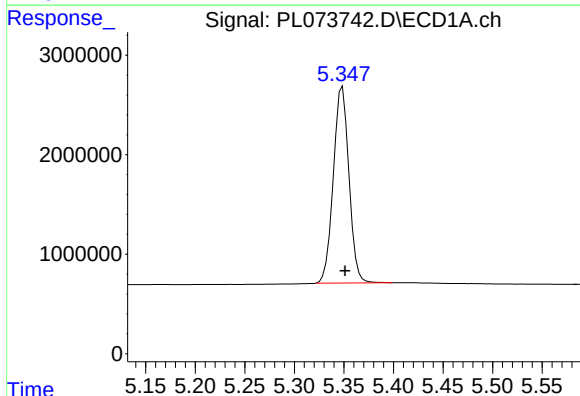
R.T.: 4.640 min  
Delta R.T.: -0.003 min  
Response: 16658752  
Conc: 52.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



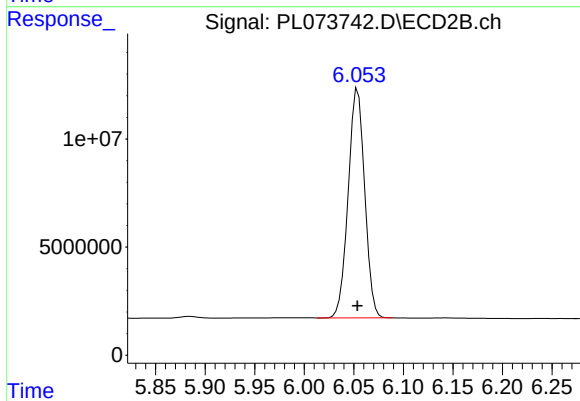
#1 Tetrachloro-m-xylene

R.T.: 5.491 min  
Delta R.T.: 0.000 min  
Response: 87899657  
Conc: 53.56 ng/ml



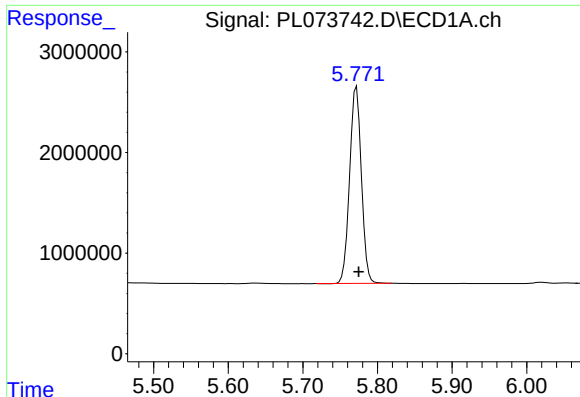
#2 alpha-BHC

R.T.: 5.349 min  
Delta R.T.: -0.003 min  
Response: 21606818  
Conc: 52.42 ng/ml



#2 alpha-BHC

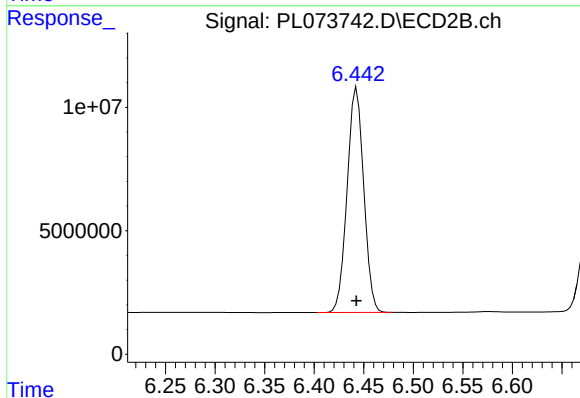
R.T.: 6.054 min  
Delta R.T.: 0.000 min  
Response: 123094118  
Conc: 54.72 ng/ml



#3 gamma-BHC (Lindane)

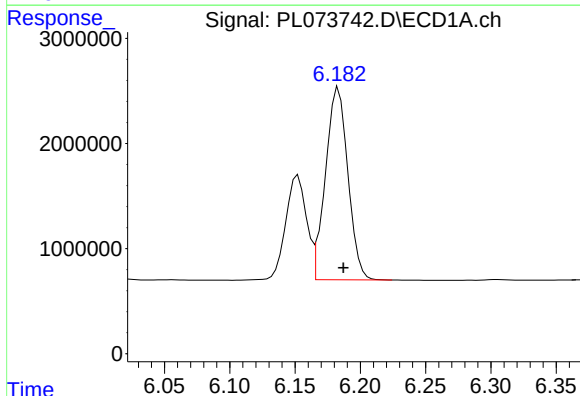
R.T.: 5.772 min  
Delta R.T.: -0.003 min  
Response: 21393481  
Conc: 51.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



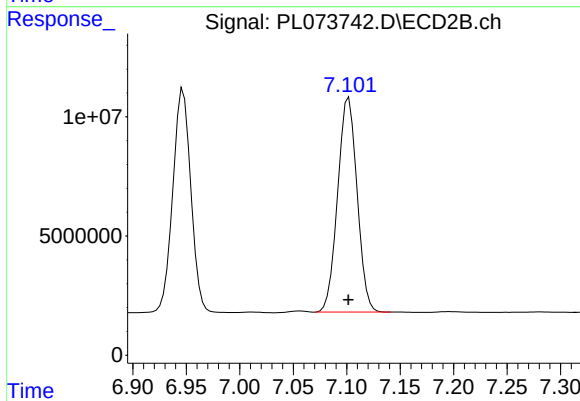
#3 gamma-BHC (Lindane)

R.T.: 6.443 min  
Delta R.T.: 0.000 min  
Response: 106219867  
Conc: 49.75 ng/ml



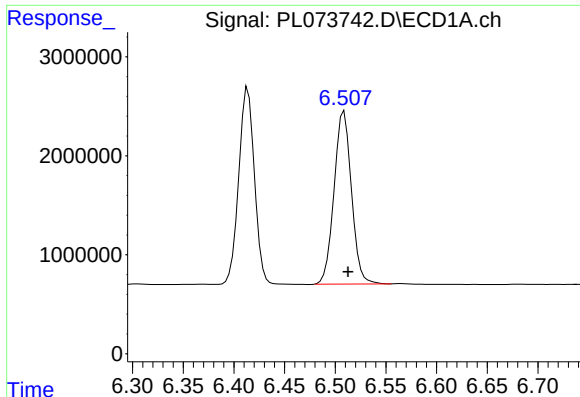
#4 Heptachlor

R.T.: 6.183 min  
Delta R.T.: -0.004 min  
Response: 21826903  
Conc: 48.38 ng/ml



#4 Heptachlor

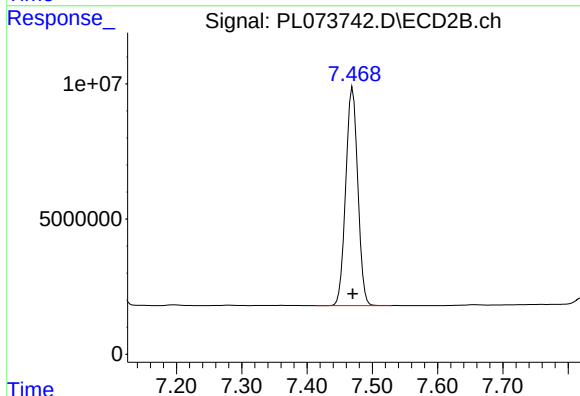
R.T.: 7.102 min  
Delta R.T.: 0.000 min  
Response: 113895441  
Conc: 48.61 ng/ml



#5 Aldrin

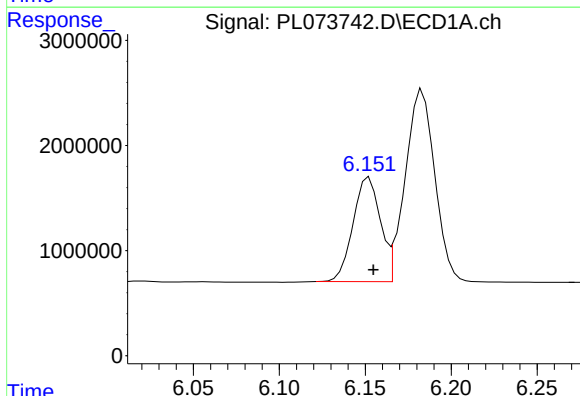
R.T.: 6.509 min  
Delta R.T.: -0.004 min  
Response: 20876282  
Conc: 50.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



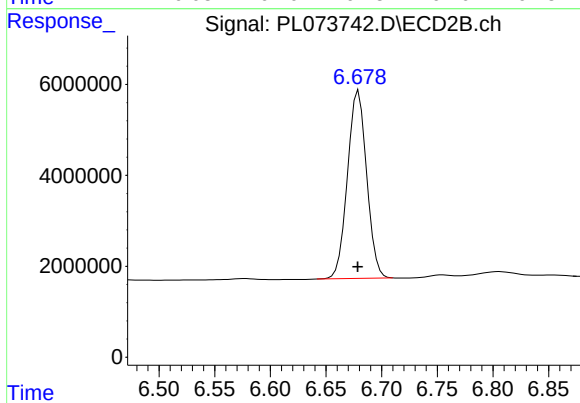
#5 Aldrin

R.T.: 7.470 min  
Delta R.T.: 0.000 min  
Response: 103632537  
Conc: 49.47 ng/ml



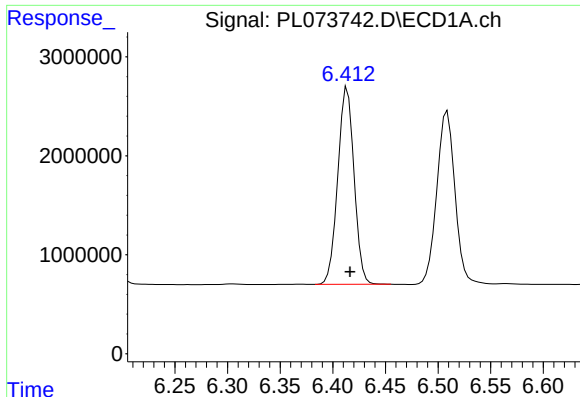
#6 beta-BHC

R.T.: 6.152 min  
Delta R.T.: -0.003 min  
Response: 10936883  
Conc: 53.12 ng/ml



#6 beta-BHC

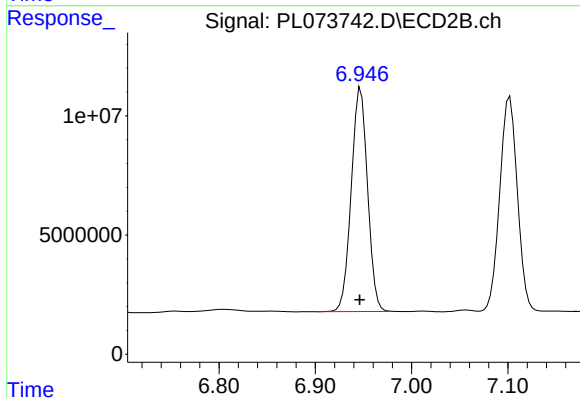
R.T.: 6.679 min  
Delta R.T.: 0.000 min  
Response: 49615286  
Conc: 47.60 ng/ml



#7 delta-BHC

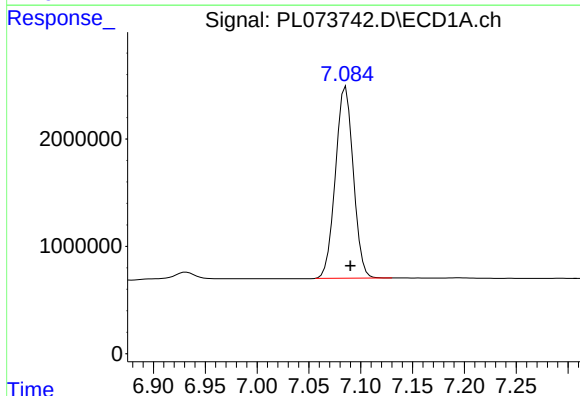
R.T.: 6.414 min  
Delta R.T.: -0.003 min  
Response: 21470338  
Conc: 53.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



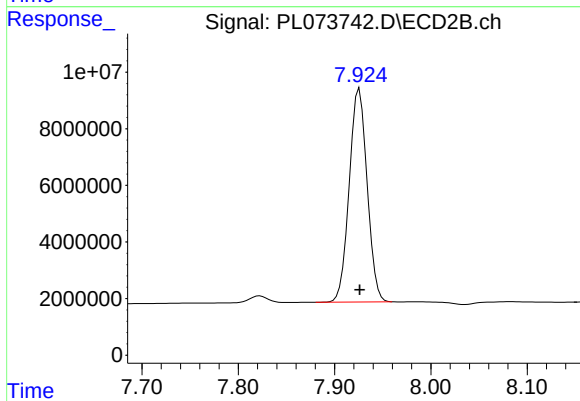
#7 delta-BHC

R.T.: 6.947 min  
Delta R.T.: 0.000 min  
Response: 109972193  
Conc: 51.07 ng/ml



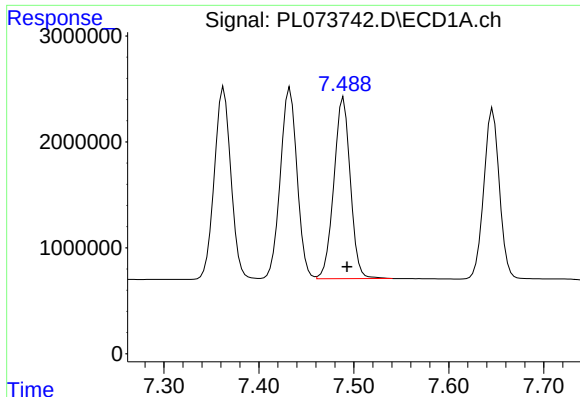
#8 Heptachlor epoxide

R.T.: 7.086 min  
Delta R.T.: -0.005 min  
Response: 21405556  
Conc: 49.67 ng/ml



#8 Heptachlor epoxide

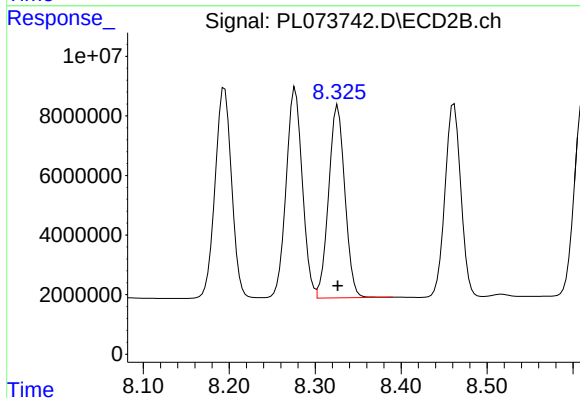
R.T.: 7.926 min  
Delta R.T.: 0.000 min  
Response: 97092503  
Conc: 48.61 ng/ml



#9 Endosulfan I

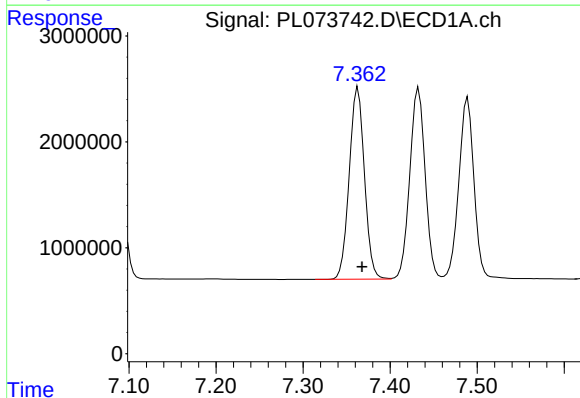
R.T.: 7.489 min  
Delta R.T.: -0.004 min  
Response: 20627726  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



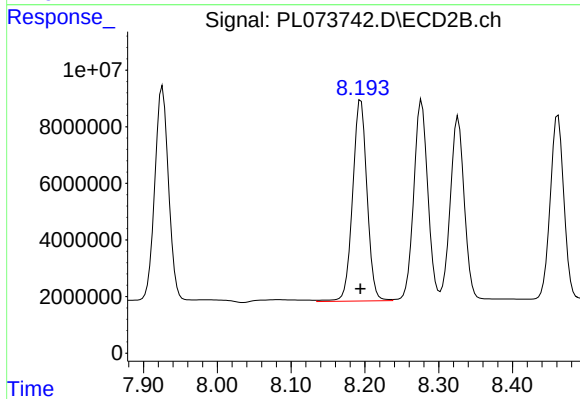
#9 Endosulfan I

R.T.: 8.326 min  
Delta R.T.: 0.000 min  
Response: 84790839  
Conc: 46.45 ng/ml



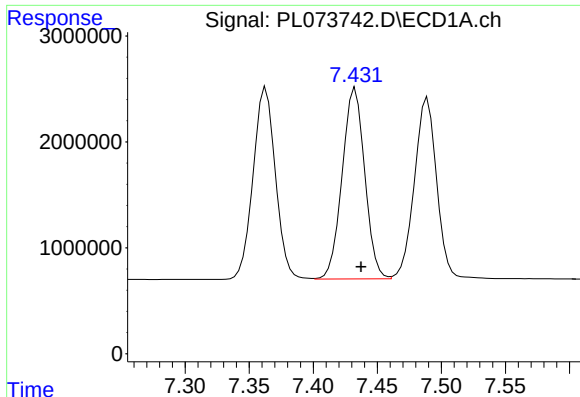
#10 gamma-Chlordane

R.T.: 7.363 min  
Delta R.T.: -0.005 min  
Response: 21975069  
Conc: 50.25 ng/ml



#10 gamma-Chlordane

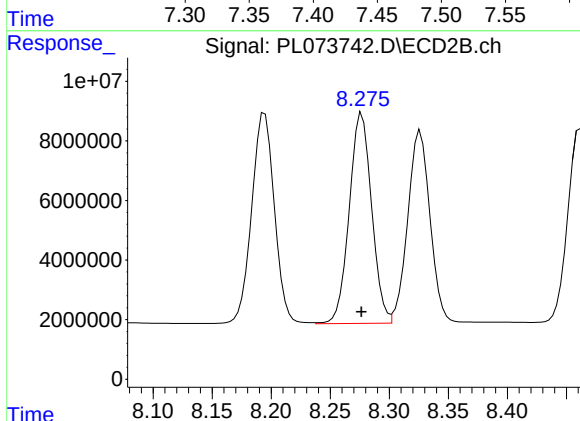
R.T.: 8.195 min  
Delta R.T.: 0.000 min  
Response: 96337864  
Conc: 47.17 ng/ml



#11 alpha-Chlordane

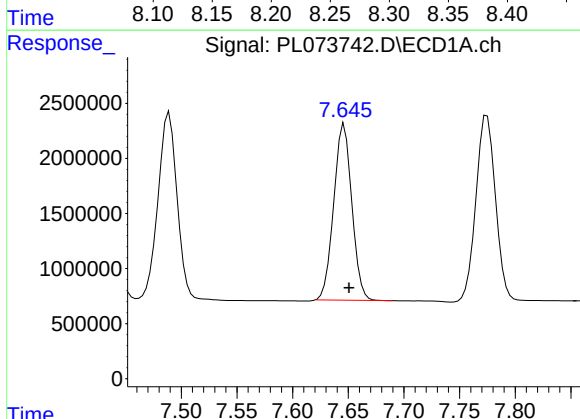
R.T.: 7.433 min  
Delta R.T.: -0.004 min  
Response: 22087904  
Conc: 49.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



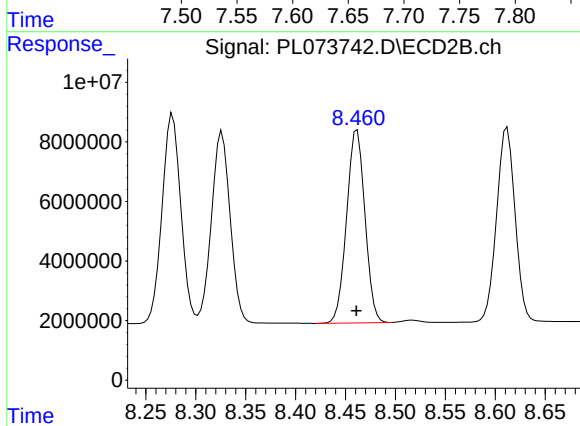
#11 alpha-Chlordane

R.T.: 8.277 min  
Delta R.T.: 0.000 min  
Response: 93293654  
Conc: 46.65 ng/ml



#12 4,4'-DDE

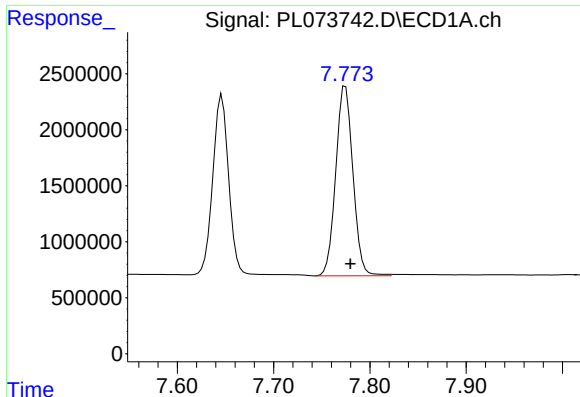
R.T.: 7.646 min  
Delta R.T.: -0.004 min  
Response: 18084973  
Conc: 50.40 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min  
Delta R.T.: 0.000 min  
Response: 82730707  
Conc: 46.16 ng/ml

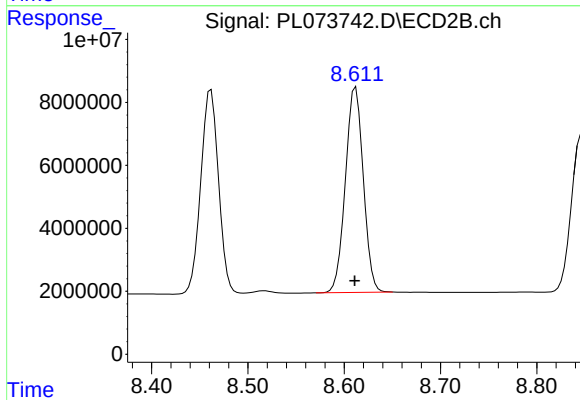




#13 Dieldrin

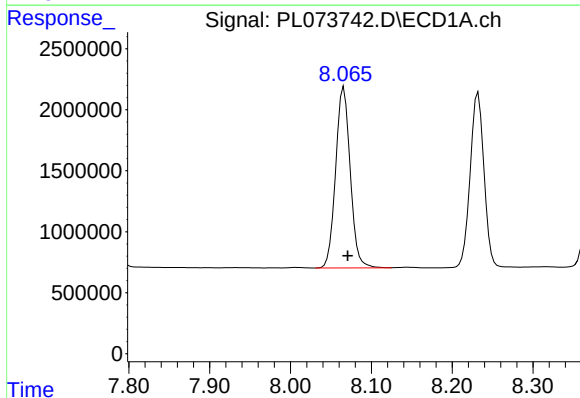
R.T.: 7.775 min  
Delta R.T.: -0.005 min  
Response: 20988004  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



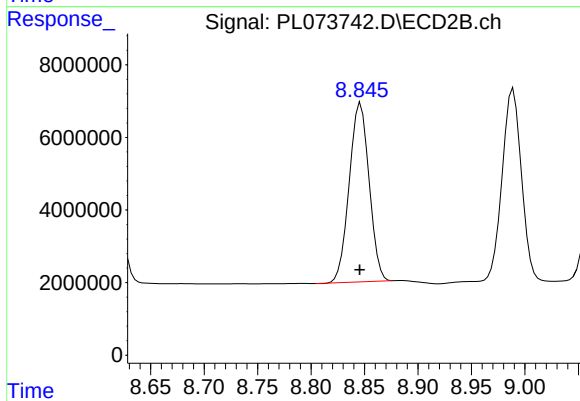
#13 Dieldrin

R.T.: 8.612 min  
Delta R.T.: 0.000 min  
Response: 83914836  
Conc: 45.49 ng/ml



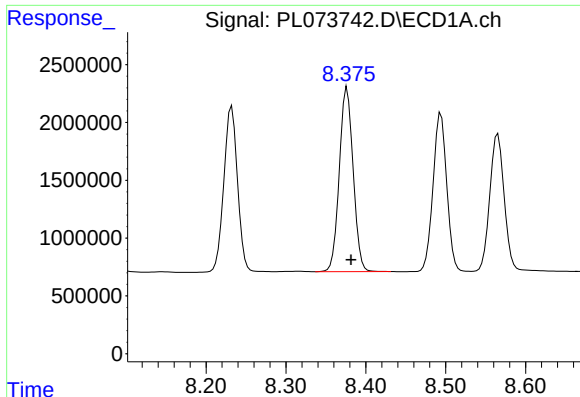
#14 Endrin

R.T.: 8.066 min  
Delta R.T.: -0.005 min  
Response: 18606618  
Conc: 47.95 ng/ml



#14 Endrin

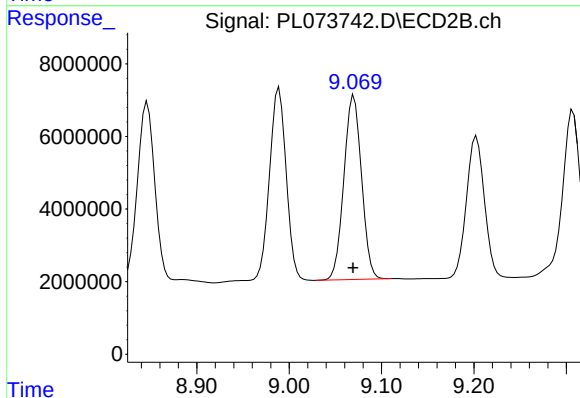
R.T.: 8.846 min  
Delta R.T.: 0.001 min  
Response: 64043331  
Conc: 41.60 ng/ml



#15 Endosulfan II

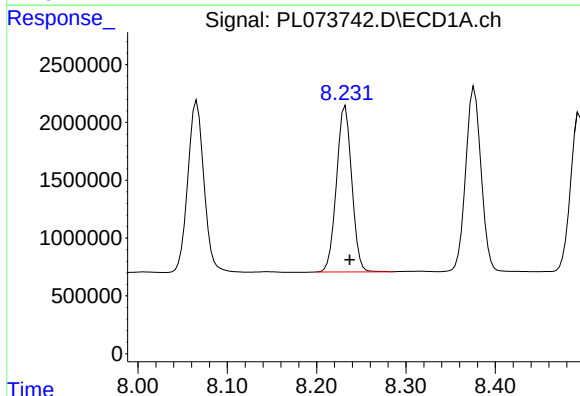
R.T.: 8.377 min  
Delta R.T.: -0.005 min  
Response: 19191440  
Conc: 49.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



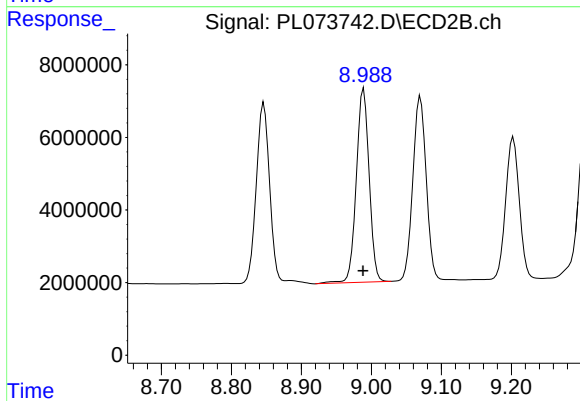
#15 Endosulfan II

R.T.: 9.070 min  
Delta R.T.: 0.001 min  
Response: 67320219  
Conc: 43.83 ng/ml



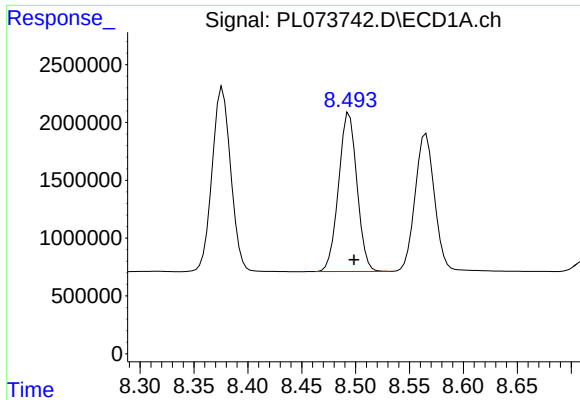
#16 4,4'-DDD

R.T.: 8.232 min  
Delta R.T.: -0.005 min  
Response: 17045042  
Conc: 52.49 ng/ml



#16 4,4'-DDD

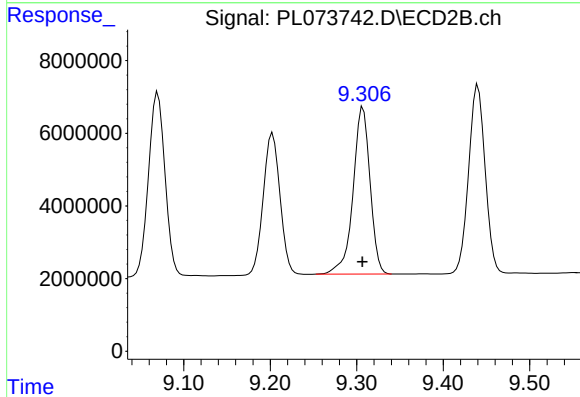
R.T.: 8.989 min  
Delta R.T.: 0.001 min  
Response: 68162112  
Conc: 46.70 ng/ml



#17 4,4'-DDT

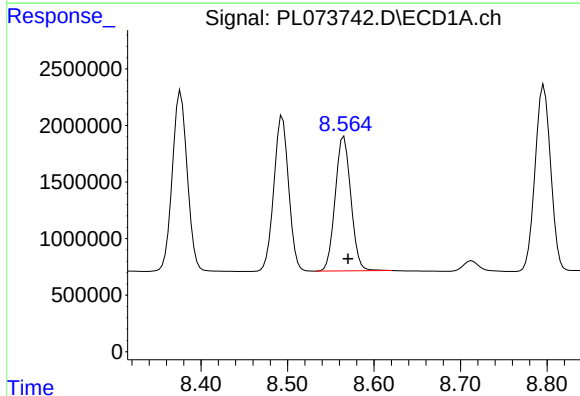
R.T.: 8.494 min  
Delta R.T.: -0.005 min  
Response: 16308396  
Conc: 43.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



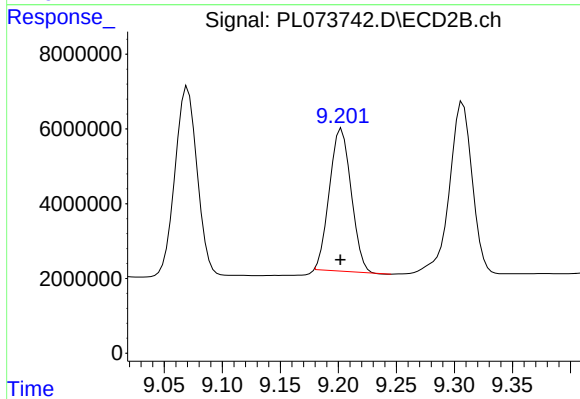
#17 4,4'-DDT

R.T.: 9.307 min  
Delta R.T.: 0.000 min  
Response: 62759975  
Conc: 38.40 ng/ml



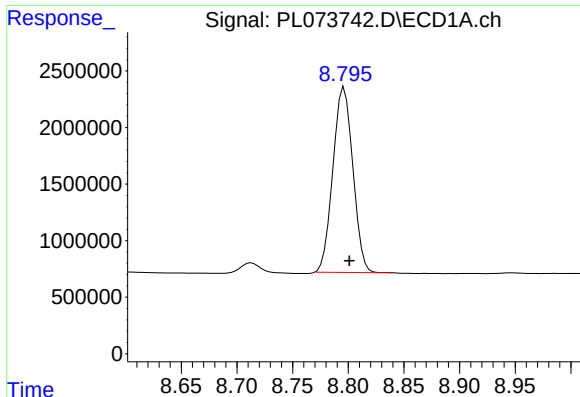
#18 Endrin aldehyde

R.T.: 8.565 min  
Delta R.T.: -0.005 min  
Response: 14882252  
Conc: 47.06 ng/ml



#18 Endrin aldehyde

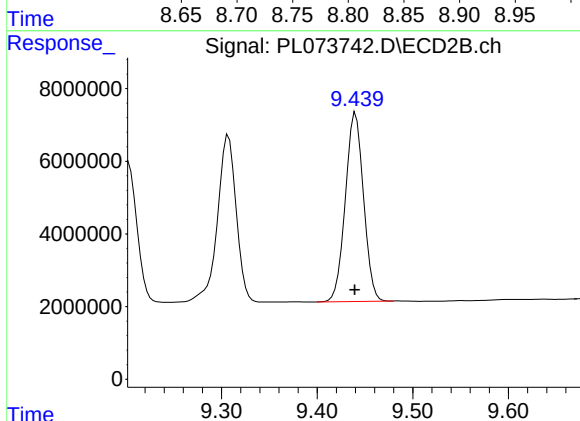
R.T.: 9.203 min  
Delta R.T.: 0.001 min  
Response: 49615772  
Conc: 40.46 ng/ml



#19 Endosulfan Sulfate

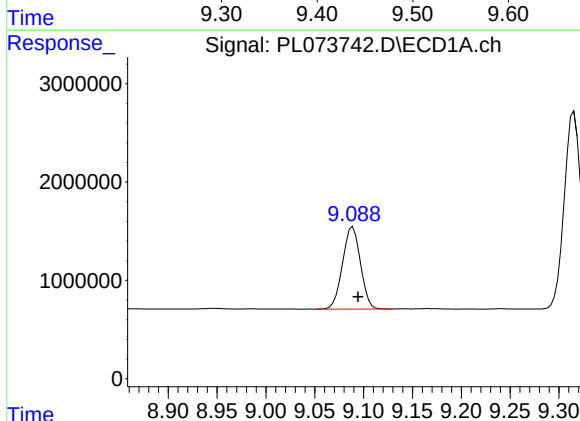
R.T.: 8.796 min  
Delta R.T.: -0.005 min  
Response: 20397383  
Conc: 48.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



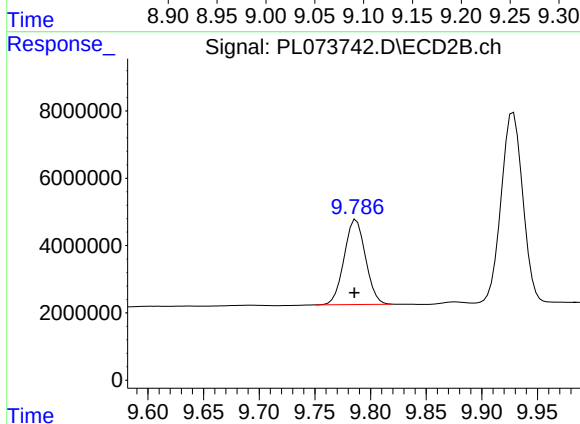
#19 Endosulfan Sulfate

R.T.: 9.440 min  
Delta R.T.: 0.000 min  
Response: 68902401  
Conc: 43.72 ng/ml



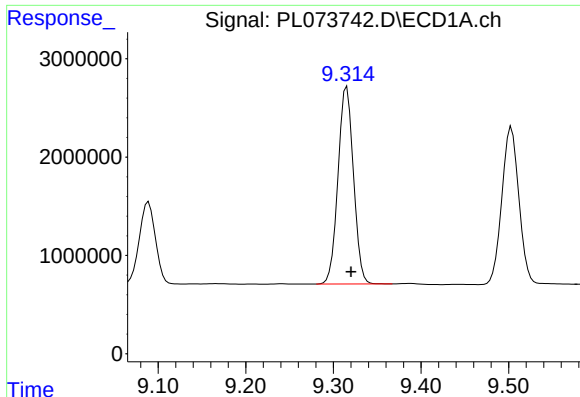
#20 Methoxychlor

R.T.: 9.089 min  
Delta R.T.: -0.005 min  
Response: 10678716  
Conc: 41.63 ng/ml



#20 Methoxychlor

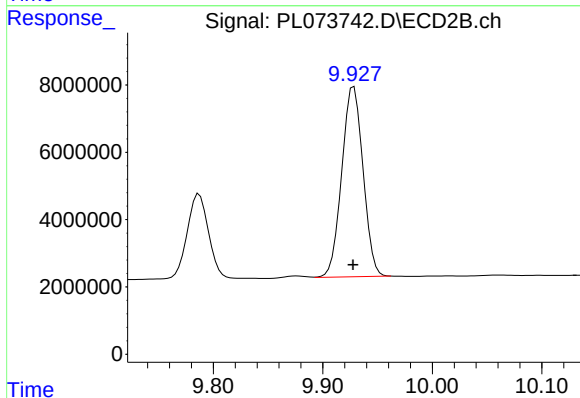
R.T.: 9.787 min  
Delta R.T.: 0.002 min  
Response: 33725761  
Conc: 37.43 ng/ml



#21 Endrin ketone

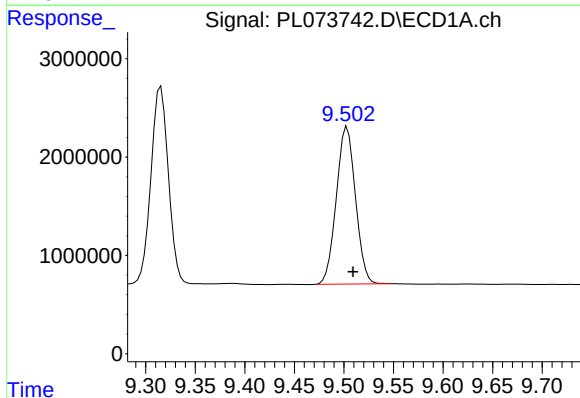
R.T.: 9.315 min  
Delta R.T.: -0.005 min  
Response: 24603813  
Conc: 50.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



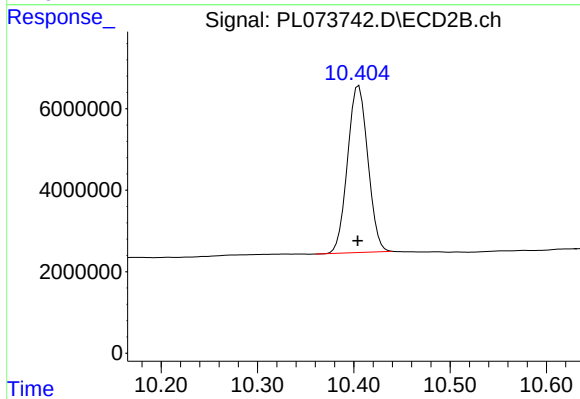
#21 Endrin ketone

R.T.: 9.928 min  
Delta R.T.: 0.000 min  
Response: 76320079  
Conc: 46.24 ng/ml



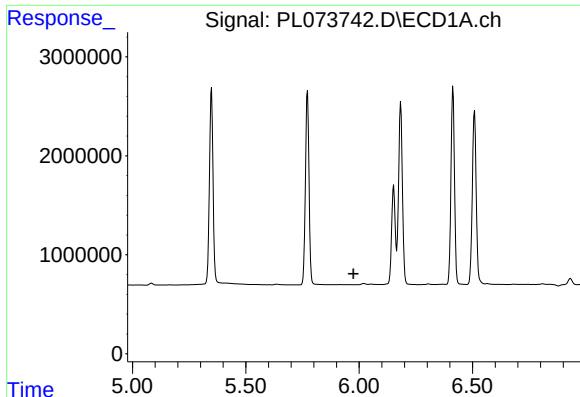
#22 Mirex

R.T.: 9.503 min  
Delta R.T.: -0.006 min  
Response: 21508436  
Conc: 45.61 ng/ml



#22 Mirex

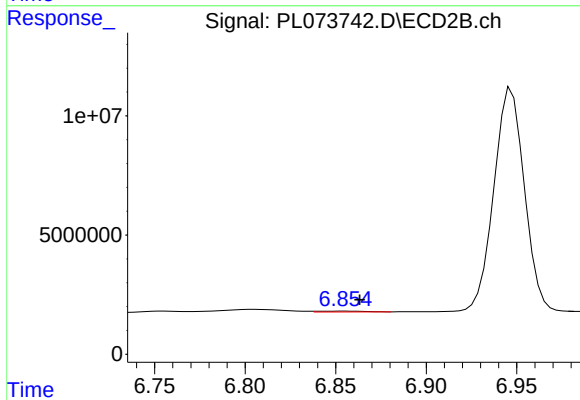
R.T.: 10.405 min  
Delta R.T.: 0.001 min  
Response: 59955101  
Conc: 44.13 ng/ml



#23 Chlordane-1

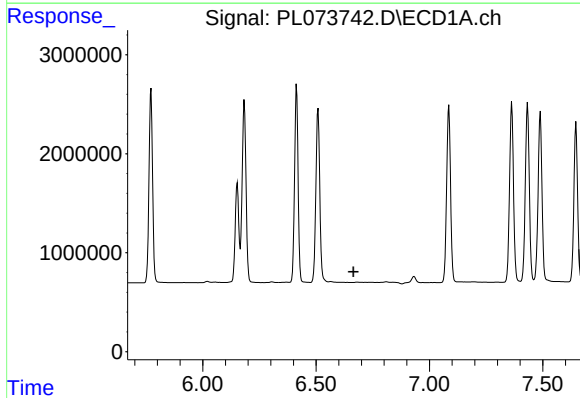
R.T.: 0.000 min  
Exp R.T.: 5.976 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



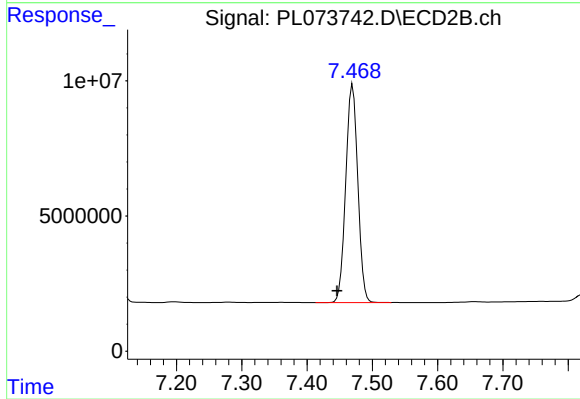
#23 Chlordane-1

R.T.: 6.855 min  
Delta R.T.: -0.008 min  
Response: 598010  
Conc: 8.75 ng/ml



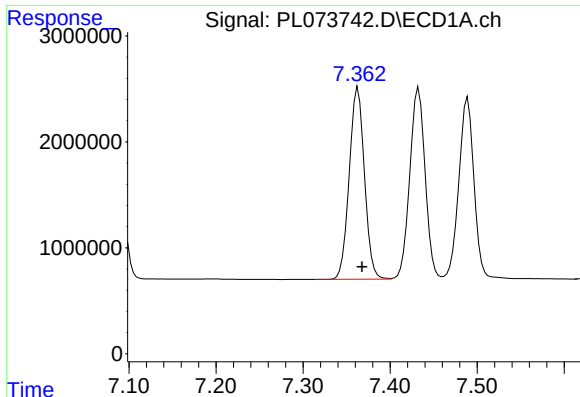
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 6.665 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

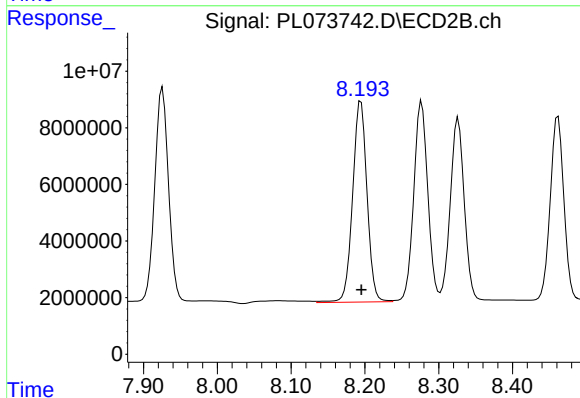
R.T.: 7.470 min  
Delta R.T.: 0.024 min  
Response: 103632537  
Conc: 1441.87 ng/ml



#25 Chlordane-3

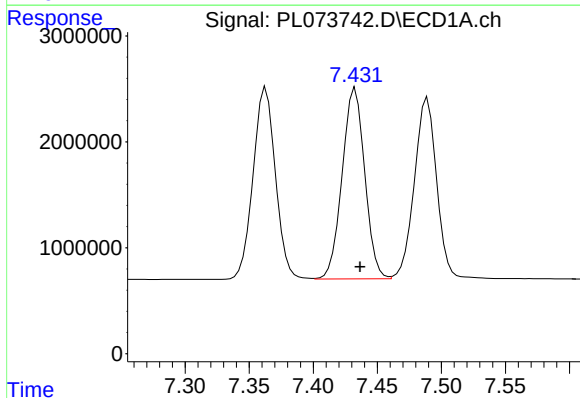
R.T.: 7.363 min  
Delta R.T.: -0.005 min  
Response: 21975069  
Conc: 538.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



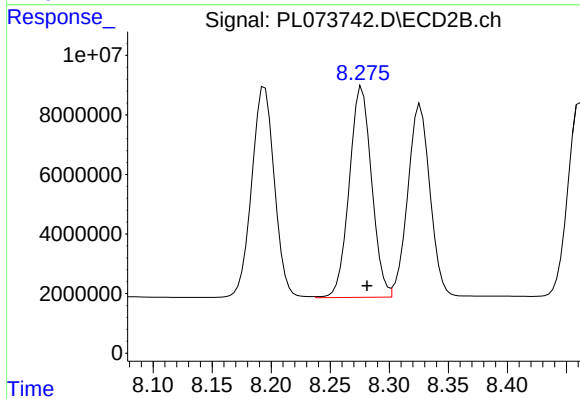
#25 Chlordane-3

R.T.: 8.195 min  
Delta R.T.: 0.000 min  
Response: 96337864  
Conc: 355.32 ng/ml



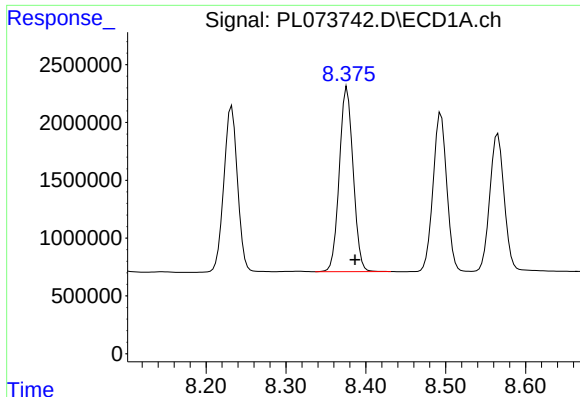
#26 Chlordane-4

R.T.: 7.433 min  
Delta R.T.: -0.004 min  
Response: 22087904  
Conc: 498.36 ng/ml



#26 Chlordane-4

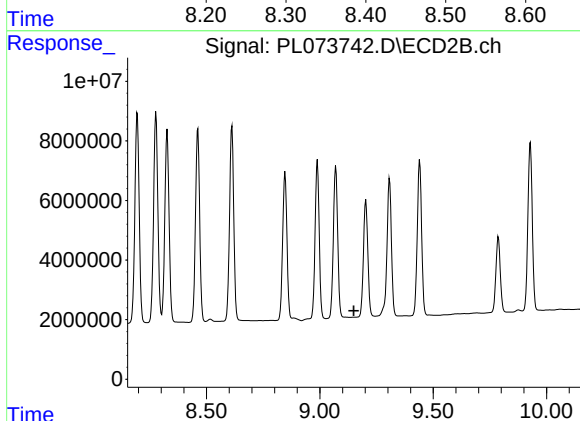
R.T.: 8.277 min  
Delta R.T.: -0.004 min  
Response: 93293654  
Conc: 281.64 ng/ml



#27 Chlordane-5

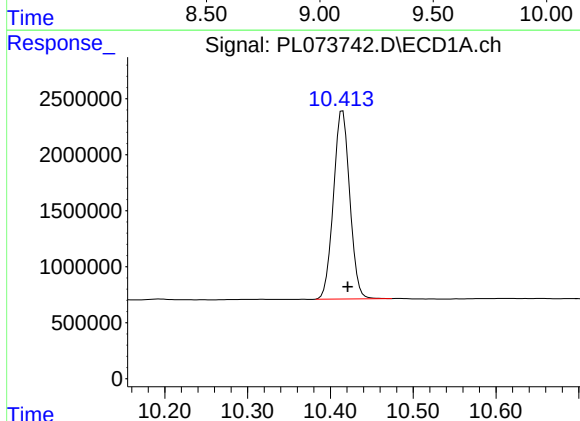
R.T.: 8.377 min  
Delta R.T.: -0.010 min  
Response: 19191440  
Conc: 1171.98 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



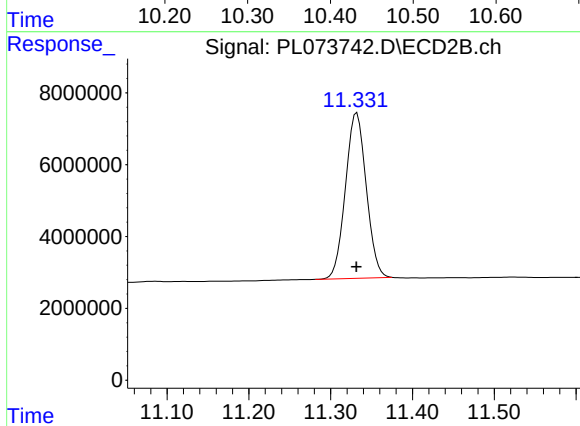
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.149 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.415 min  
Delta R.T.: -0.006 min  
Response: 22992284  
Conc: 45.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.332 min  
Delta R.T.: 0.000 min  
Response: 81175572  
Conc: 45.40 ng/ml