

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040622\  
 Data File : PL073859.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Apr 2022 17:11  
 Operator : AR\AJ  
 Sample : N2277-01MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 07 02:12:50 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... | 4.639  | 5.492  | 6518800  | 37505737 | 20.353   | 22.852     |
| 28)                         | SA Decachlor... | 10.412 | 11.335 | 10030210 | 34580281 | 19.725   | 19.338     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.347  | 6.055  | 20617782 | 135.2E6  | 50.019   | 60.088     |
| 3)                          | MA gamma-BHC... | 5.771  | 6.444  | 20322500 | 124.1E6  | 48.719   | 58.116     |
| 4)                          | MA Heptachlor   | 6.182  | 7.103  | 20363457 | 124.3E6  | 45.132   | 53.047     |
| 5)                          | MB Aldrin       | 6.508  | 7.471  | 20475354 | 124.8E6  | 49.557   | 59.577     |
| 6)                          | B beta-BHC      | 6.151  | 6.681  | 9778755  | 52735759 | 47.494   | 50.592     |
| 7)                          | B delta-BHC     | 6.413  | 6.949  | 20283646 | 124.4E6  | 50.501   | 57.784     |
| 8)                          | B Heptachlo...  | 7.084  | 7.927  | 20436188 | 110.1E6  | 47.418   | 55.103     |
| 9)                          | A Endosulfan I  | 7.487  | 8.328  | 19504871 | 97213861 | 47.547   | 53.256     |
| 10)                         | B gamma-Chl...  | 7.362  | 8.196  | 21131401 | 111.5E6  | 48.322   | 54.577     |
| 11)                         | B alpha-Chl...  | 7.431  | 8.278  | 21200300 | 107.6E6  | 47.972   | 53.789     |
| 12)                         | B 4,4'-DDE      | 7.646  | 8.463  | 17963145 | 103.2E6  | 50.059   | 57.582     |
| 13)                         | MA Dieldrin     | 7.774  | 8.613  | 20759222 | 103.9E6  | 49.827   | 56.349     |
| 14)                         | MA Endrin       | 8.065  | 8.847  | 19147838 | 82585755 | 49.350   | 53.647     |
| 15)                         | B Endosulfa...  | 8.376  | 9.071  | 20166287 | 84440746 | 51.592   | 54.980     |
| 16)                         | A 4,4'-DDD      | 8.231  | 8.990  | 16367721 | 80377666 | 50.403   | 55.064     |
| 17)                         | MA 4,4'-DDT     | 8.493  | 9.309  | 16009361 | 72935503 | 42.332   | 44.622     |
| 18)                         | B Endrin al...  | 8.565  | 9.204  | 16372401 | 66914272 | 51.771   | 54.565     |
| 19)                         | B Endosulfa...  | 8.795  | 9.442  | 20534343 | 83021127 | 48.611   | 52.676     |
| 20)                         | A Methoxychlor  | 9.087  | 9.788  | 10772522 | 38577009 | 41.992   | 42.812     |
| 21)                         | B Endrin ke...  | 9.314  | 9.930  | 24670861 | 84283258 | 50.429   | 51.062     |
| 22)                         | Mirex           | 9.502  | 10.407 | 22088524 | 63893895 | 46.841   | 47.034     |
| 23)                         | Chlordane-1     | 6.003f | 6.857  | 206624   | 866777   | 17.429   | 12.688 #   |
| 24)                         | Chlordane-2     | 6.655  | 7.471f | 26405    | 124.8E6  | 1.619    | 1736.554 # |
| 25)                         | Chlordane-3     | 7.362  | 8.196  | 21131401 | 111.5E6  | 517.493  | 411.126    |
| 26)                         | Chlordane-4     | 7.431  | 8.278  | 21200300 | 107.6E6  | 478.337  | 324.761 #  |
| 27)                         | Chlordane-5     | 8.376  | 0.000  | 20166287 | 0        | 1231.507 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

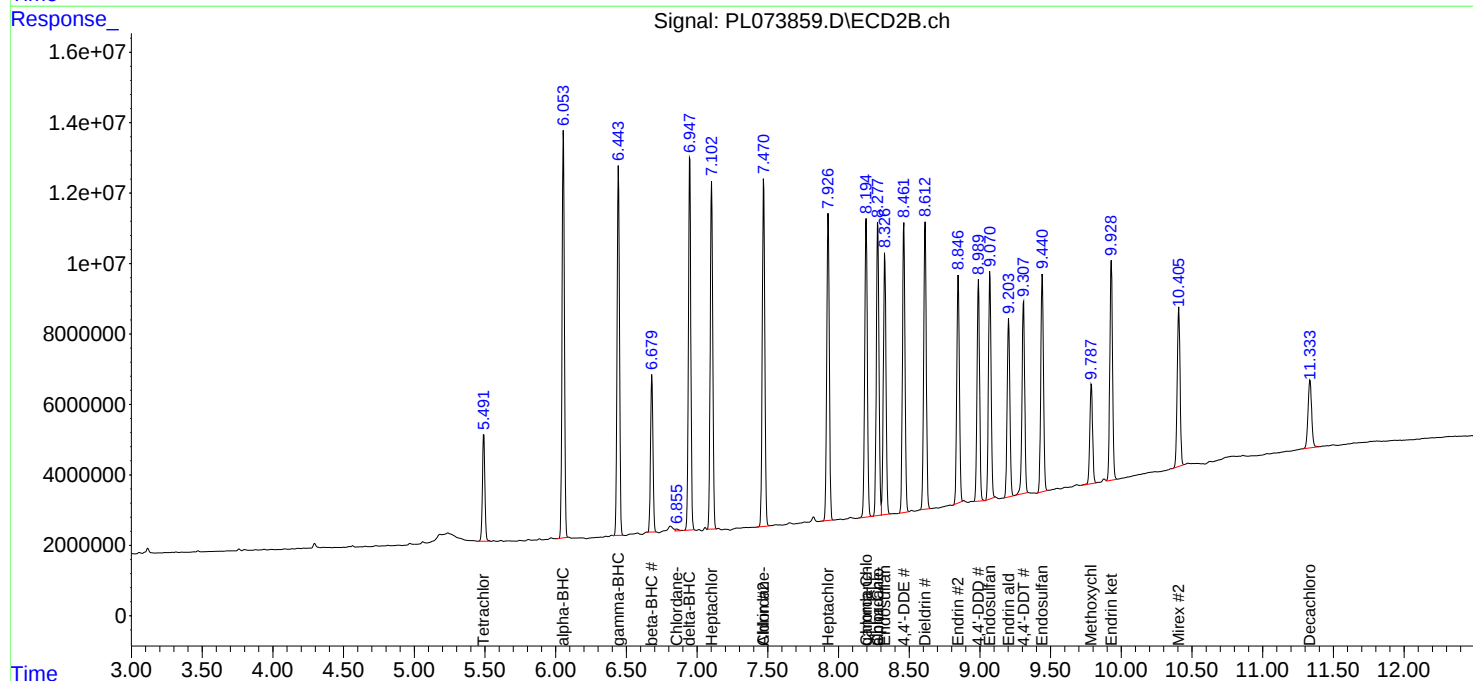
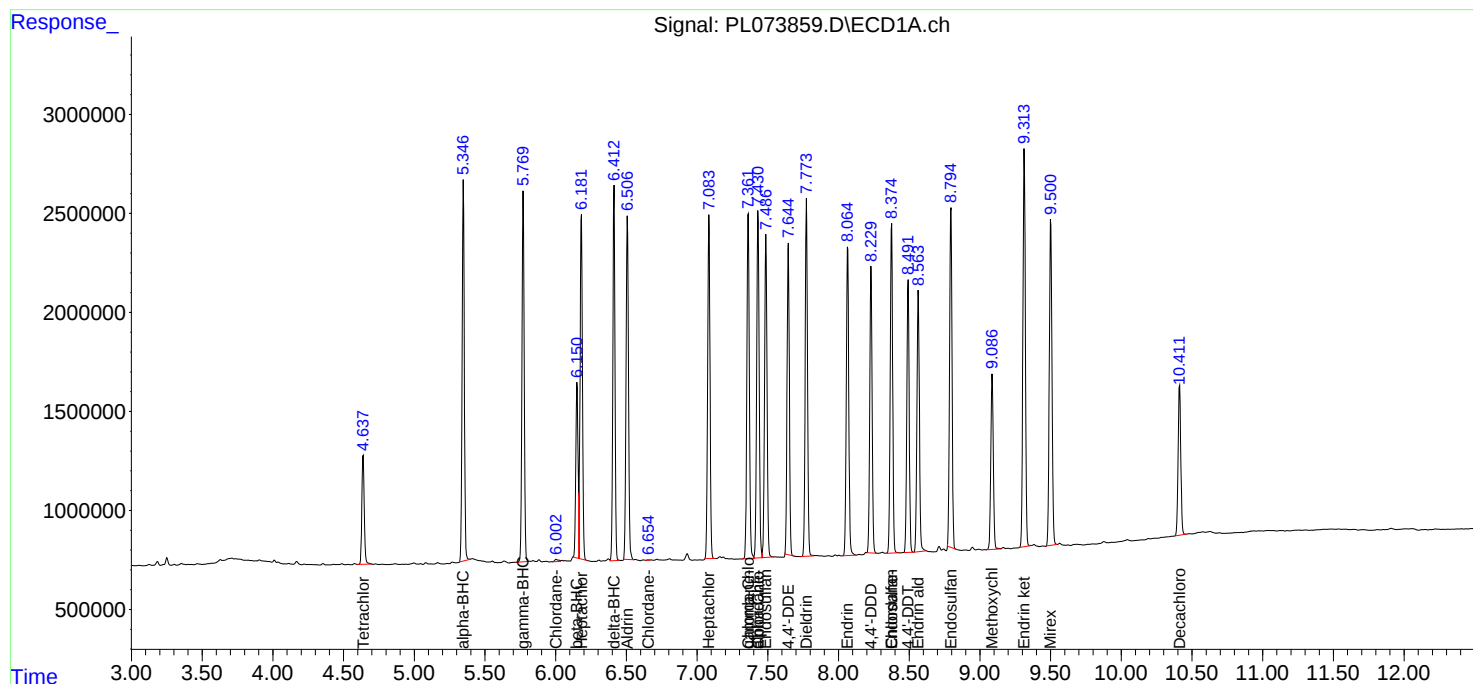
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

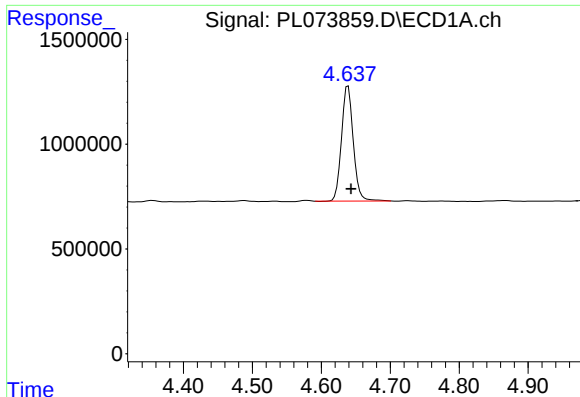
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040622\  
Data File : PL073859.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Apr 2022 17:11  
Operator : AR\AJ  
Sample : N2277-01MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 07 02:12:50 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

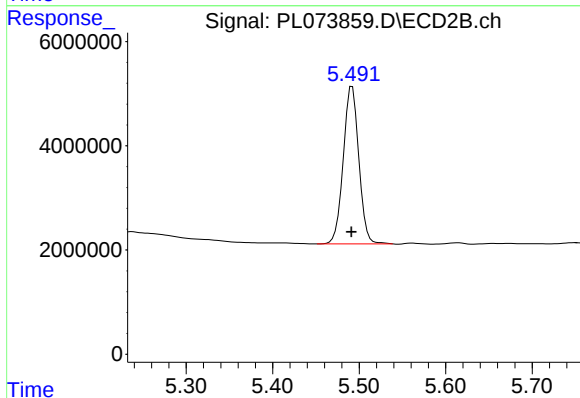




#1 Tetrachloro-m-xylene

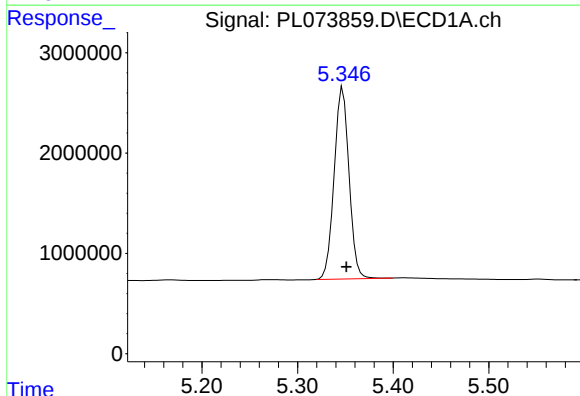
R.T.: 4.639 min  
Delta R.T.: -0.004 min  
Response: 6518800  
Conc: 20.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



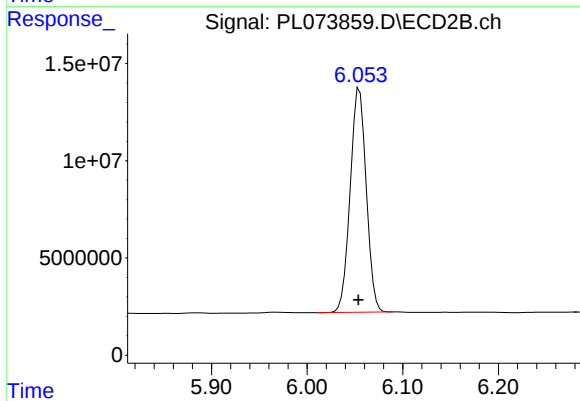
#1 Tetrachloro-m-xylene

R.T.: 5.492 min  
Delta R.T.: 0.000 min  
Response: 37505737  
Conc: 22.85 ng/ml



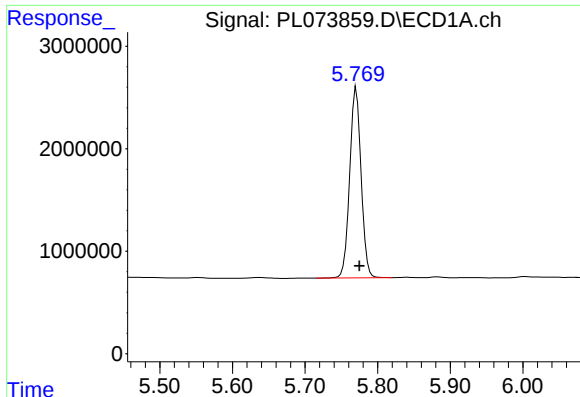
#2 alpha-BHC

R.T.: 5.347 min  
Delta R.T.: -0.004 min  
Response: 20617782  
Conc: 50.02 ng/ml



#2 alpha-BHC

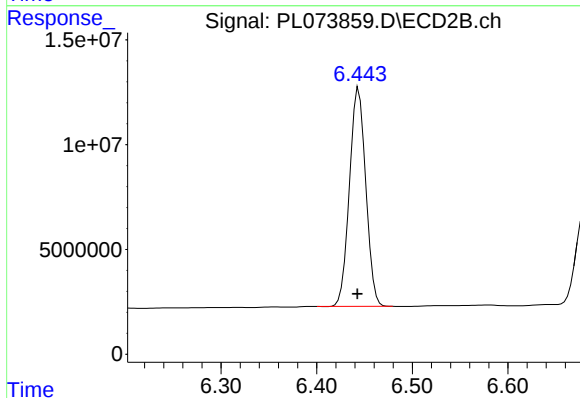
R.T.: 6.055 min  
Delta R.T.: 0.001 min  
Response: 135176457  
Conc: 60.09 ng/ml



#3 gamma-BHC (Lindane)

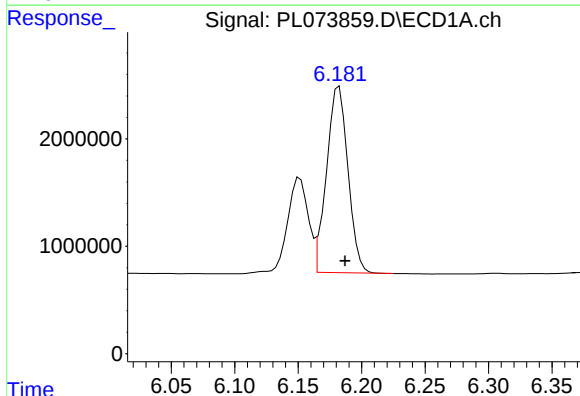
R.T.: 5.771 min  
Delta R.T.: -0.004 min  
Response: 20322500  
Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



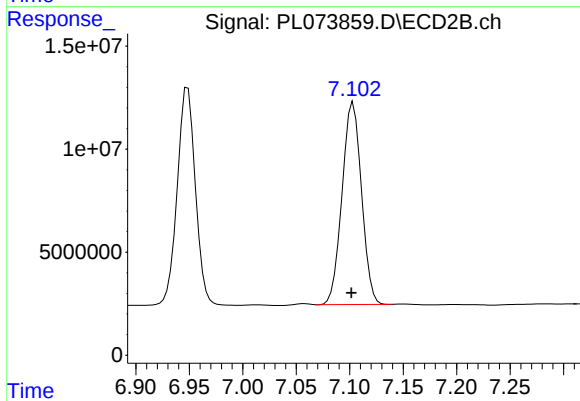
#3 gamma-BHC (Lindane)

R.T.: 6.444 min  
Delta R.T.: 0.001 min  
Response: 124082646  
Conc: 58.12 ng/ml



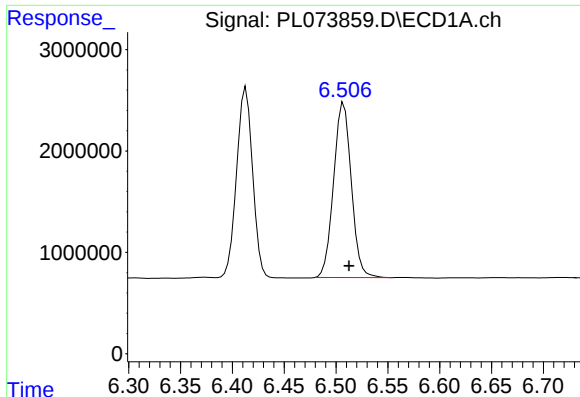
#4 Heptachlor

R.T.: 6.182 min  
Delta R.T.: -0.005 min  
Response: 20363457  
Conc: 45.13 ng/ml



#4 Heptachlor

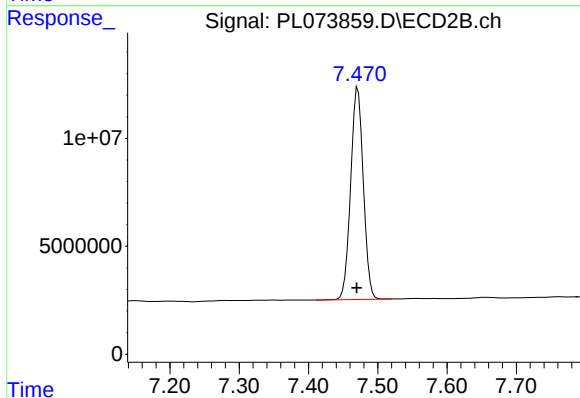
R.T.: 7.103 min  
Delta R.T.: 0.002 min  
Response: 124294366  
Conc: 53.05 ng/ml



#5 Aldrin

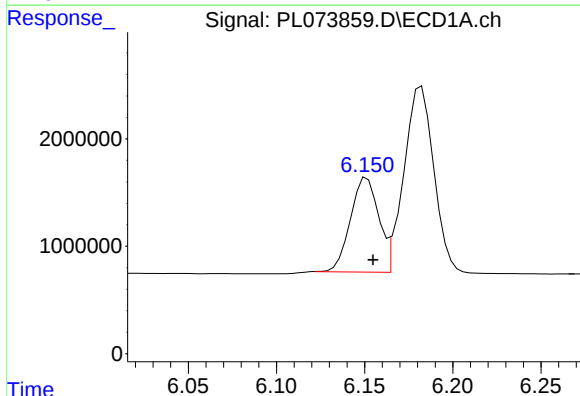
R.T.: 6.508 min  
Delta R.T.: -0.005 min  
Response: 20475354  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



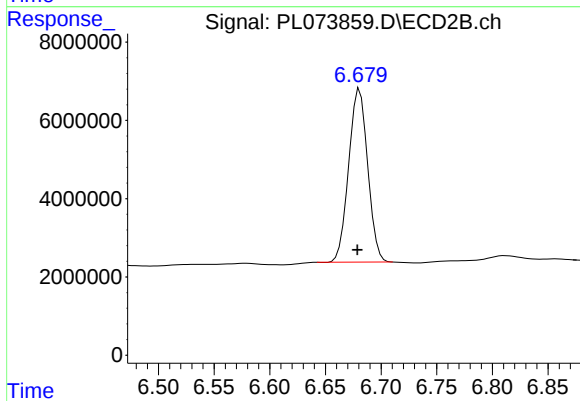
#5 Aldrin

R.T.: 7.471 min  
Delta R.T.: 0.002 min  
Response: 124812582  
Conc: 59.58 ng/ml



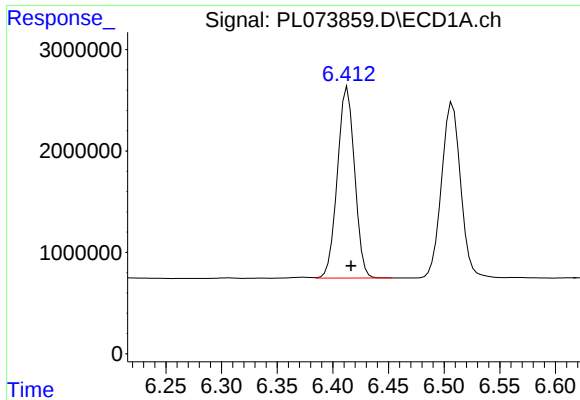
#6 beta-BHC

R.T.: 6.151 min  
Delta R.T.: -0.003 min  
Response: 9778755  
Conc: 47.49 ng/ml



#6 beta-BHC

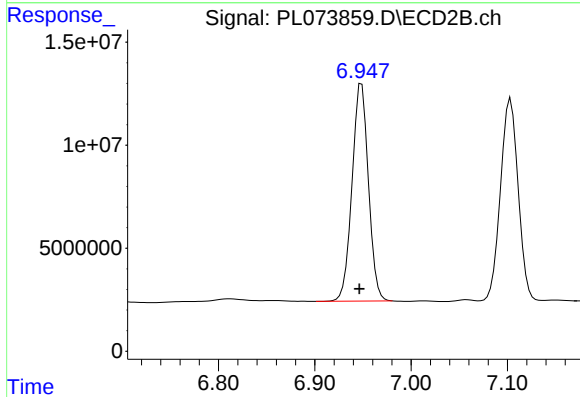
R.T.: 6.681 min  
Delta R.T.: 0.002 min  
Response: 52735759  
Conc: 50.59 ng/ml



#7 delta-BHC

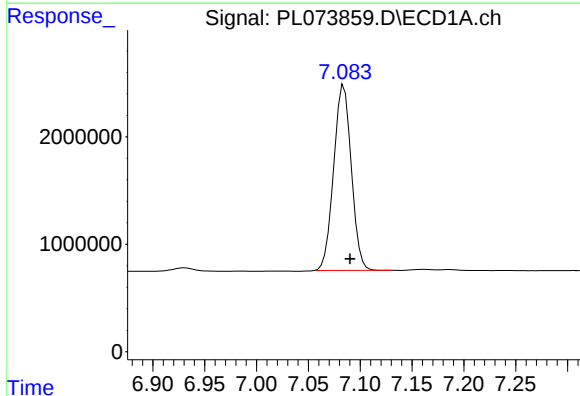
R.T.: 6.413 min  
Delta R.T.: -0.003 min  
Response: 20283646  
Conc: 50.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



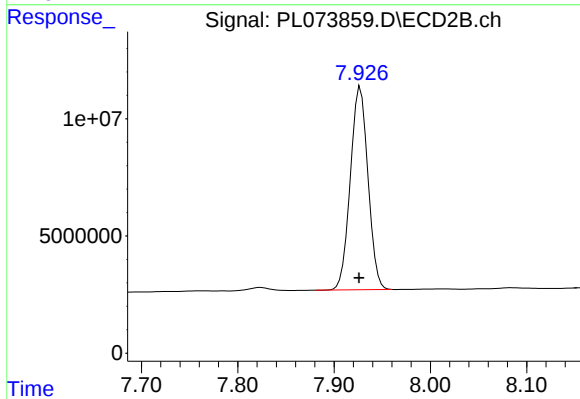
#7 delta-BHC

R.T.: 6.949 min  
Delta R.T.: 0.002 min  
Response: 124440879  
Conc: 57.78 ng/ml



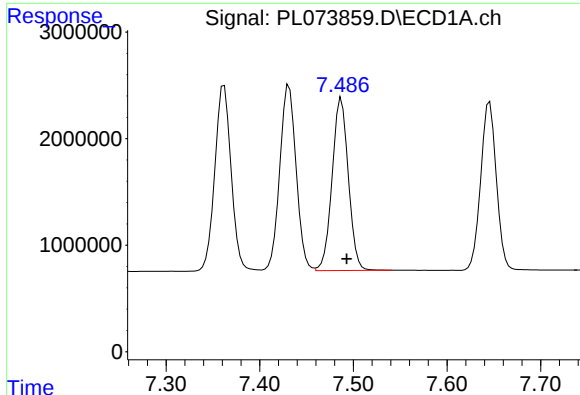
#8 Heptachlor epoxide

R.T.: 7.084 min  
Delta R.T.: -0.006 min  
Response: 20436188  
Conc: 47.42 ng/ml



#8 Heptachlor epoxide

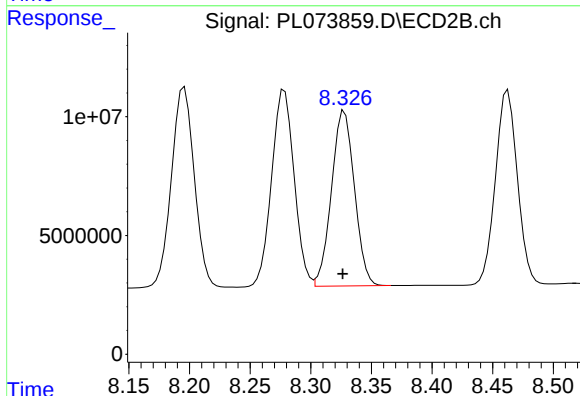
R.T.: 7.927 min  
Delta R.T.: 0.001 min  
Response: 110057736  
Conc: 55.10 ng/ml



#9 Endosulfan I

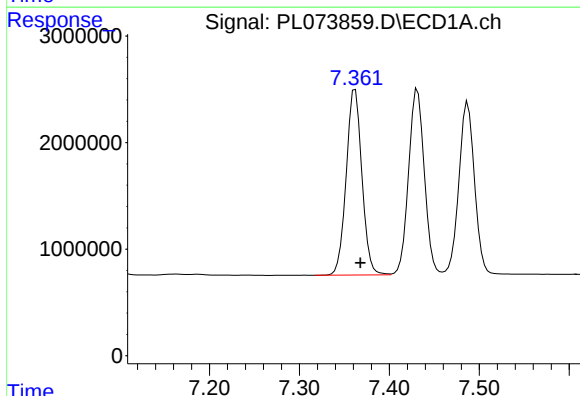
R.T.: 7.487 min  
Delta R.T.: -0.006 min  
Response: 19504871  
Conc: 47.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



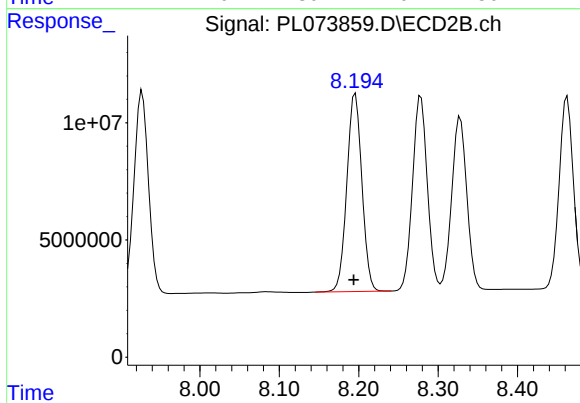
#9 Endosulfan I

R.T.: 8.328 min  
Delta R.T.: 0.001 min  
Response: 97213861  
Conc: 53.26 ng/ml



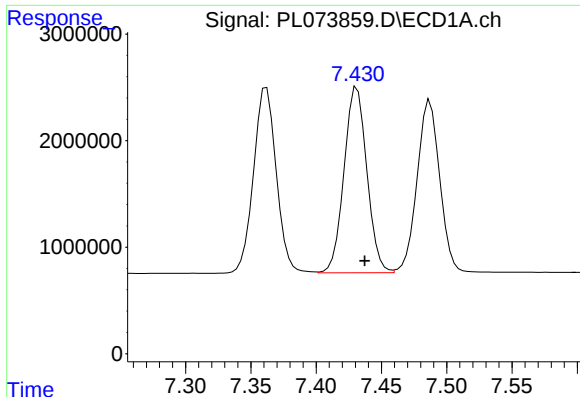
#10 gamma-Chlordane

R.T.: 7.362 min  
Delta R.T.: -0.006 min  
Response: 21131401  
Conc: 48.32 ng/ml



#10 gamma-Chlordane

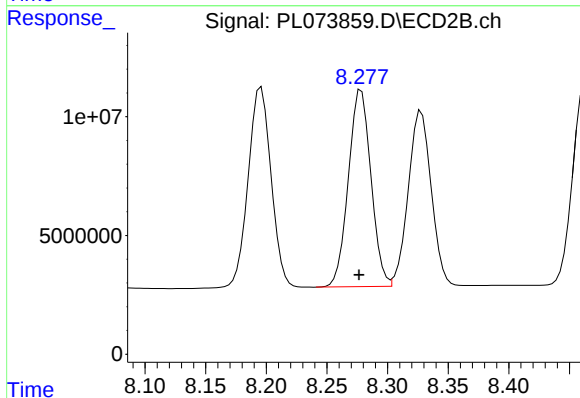
R.T.: 8.196 min  
Delta R.T.: 0.002 min  
Response: 111469441  
Conc: 54.58 ng/ml



#11 alpha-Chlordane

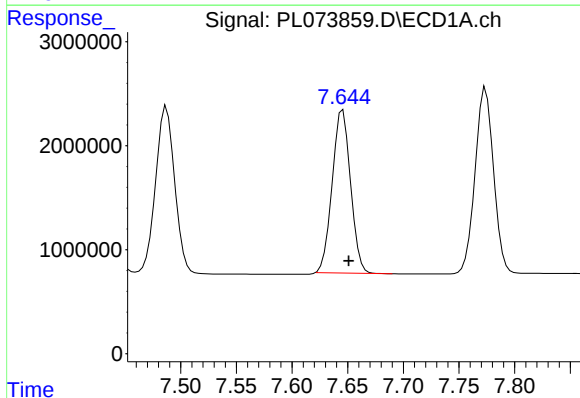
R.T.: 7.431 min  
Delta R.T.: -0.006 min  
Response: 21200300  
Conc: 47.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



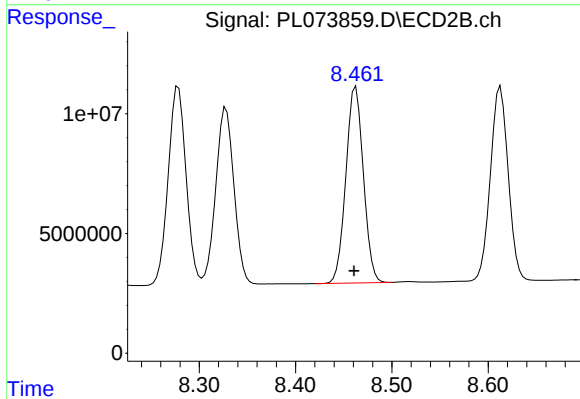
#11 alpha-Chlordane

R.T.: 8.278 min  
Delta R.T.: 0.002 min  
Response: 107578077  
Conc: 53.79 ng/ml



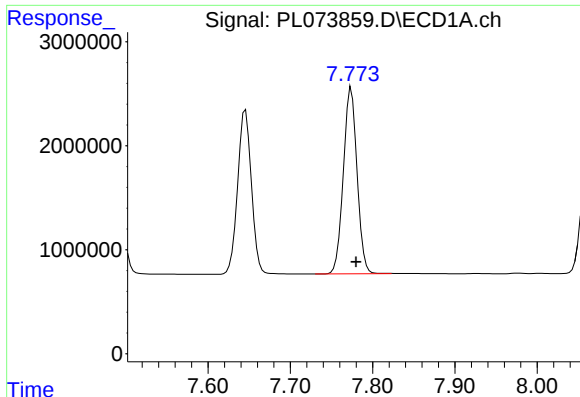
#12 4,4'-DDE

R.T.: 7.646 min  
Delta R.T.: -0.005 min  
Response: 17963145  
Conc: 50.06 ng/ml



#12 4,4'-DDE

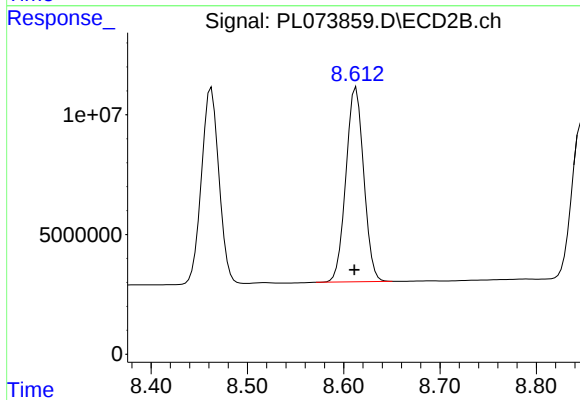
R.T.: 8.463 min  
Delta R.T.: 0.002 min  
Response: 103209150  
Conc: 57.58 ng/ml



#13 Dieldrin

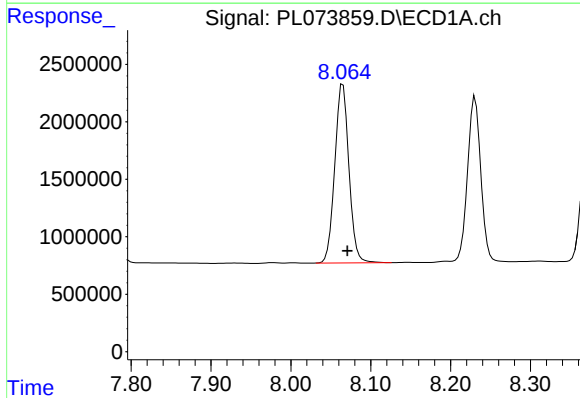
R.T.: 7.774 min  
Delta R.T.: -0.006 min  
Response: 20759222  
Conc: 49.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



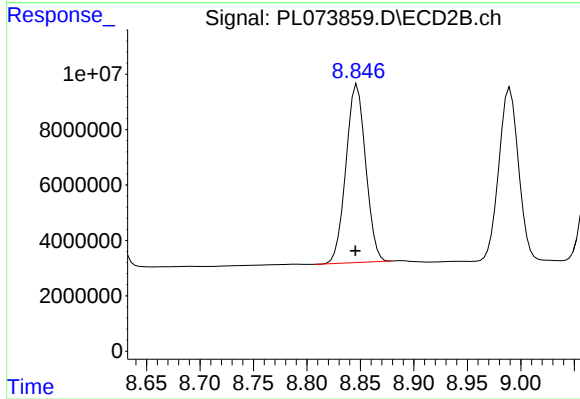
#13 Dieldrin

R.T.: 8.613 min  
Delta R.T.: 0.002 min  
Response: 103949285  
Conc: 56.35 ng/ml



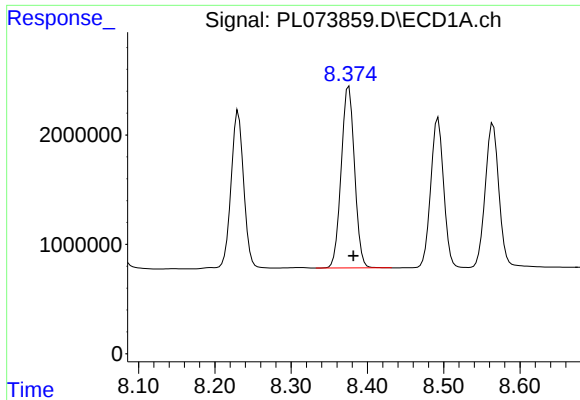
#14 Endrin

R.T.: 8.065 min  
Delta R.T.: -0.006 min  
Response: 19147838  
Conc: 49.35 ng/ml



#14 Endrin

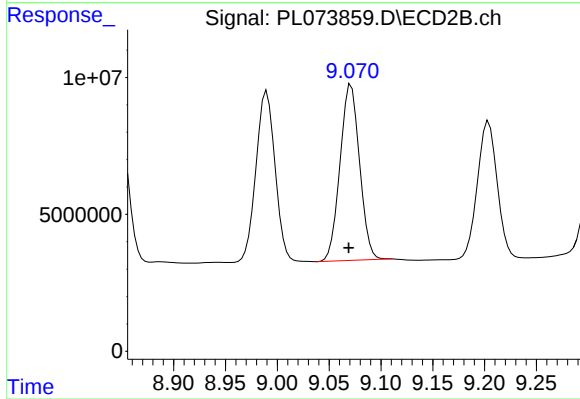
R.T.: 8.847 min  
Delta R.T.: 0.002 min  
Response: 82585755  
Conc: 53.65 ng/ml



#15 Endosulfan II

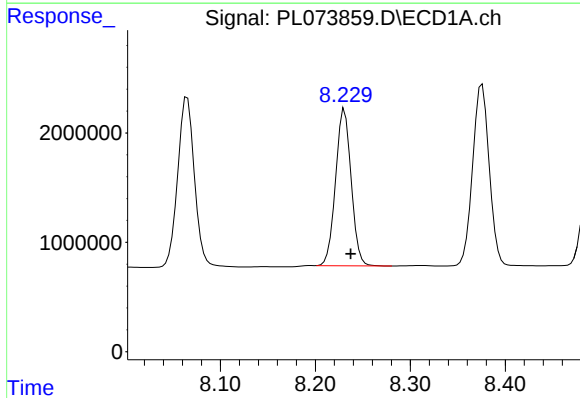
R.T.: 8.376 min  
Delta R.T.: -0.006 min  
Response: 20166287  
Conc: 51.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



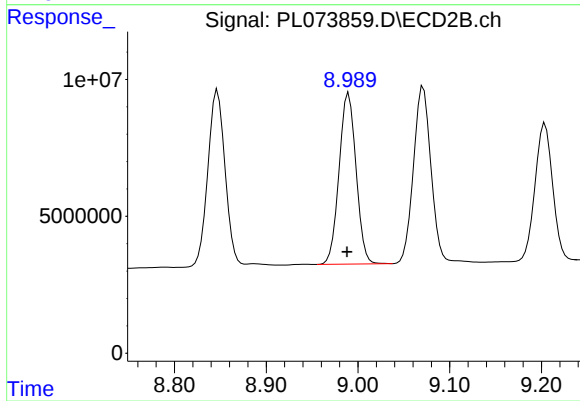
#15 Endosulfan II

R.T.: 9.071 min  
Delta R.T.: 0.002 min  
Response: 84440746  
Conc: 54.98 ng/ml



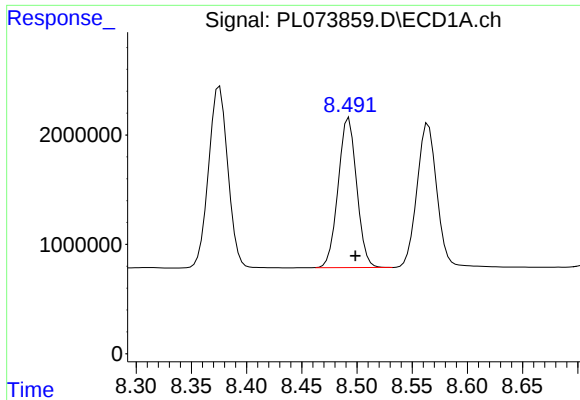
#16 4,4'-DDD

R.T.: 8.231 min  
Delta R.T.: -0.006 min  
Response: 16367721  
Conc: 50.40 ng/ml



#16 4,4'-DDD

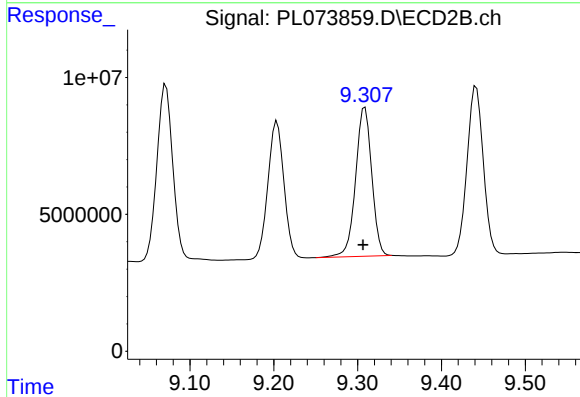
R.T.: 8.990 min  
Delta R.T.: 0.002 min  
Response: 80377666  
Conc: 55.06 ng/ml



#17 4,4'-DDT

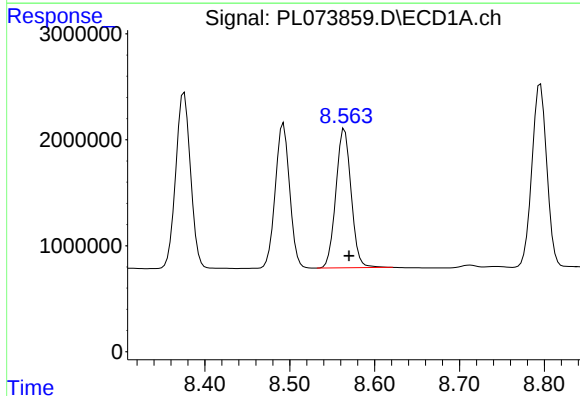
R.T.: 8.493 min  
Delta R.T.: -0.006 min  
Response: 16009361  
Conc: 42.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



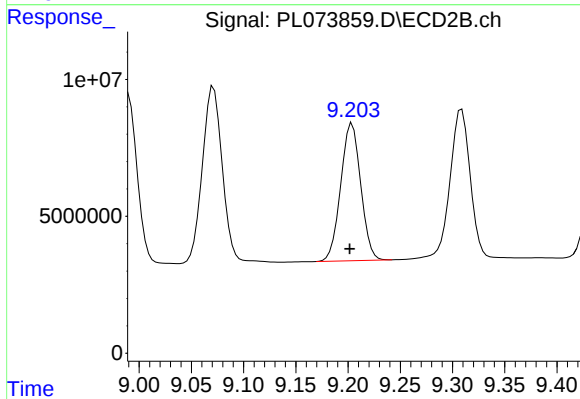
#17 4,4'-DDT

R.T.: 9.309 min  
Delta R.T.: 0.002 min  
Response: 72935503  
Conc: 44.62 ng/ml



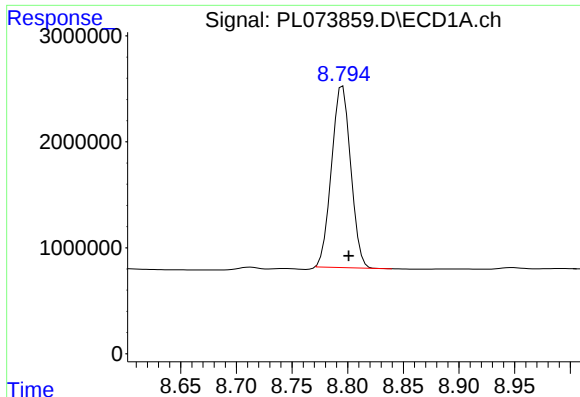
#18 Endrin aldehyde

R.T.: 8.565 min  
Delta R.T.: -0.005 min  
Response: 16372401  
Conc: 51.77 ng/ml



#18 Endrin aldehyde

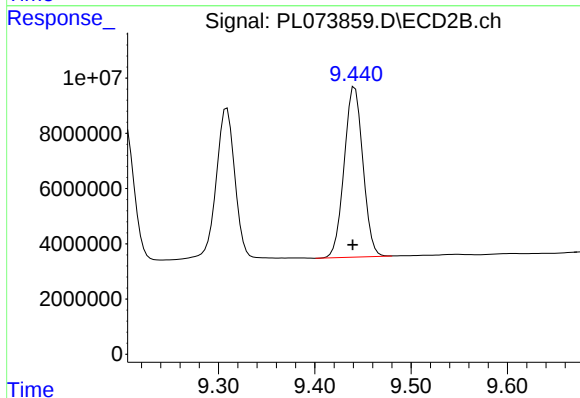
R.T.: 9.204 min  
Delta R.T.: 0.002 min  
Response: 66914272  
Conc: 54.57 ng/ml



#19 Endosulfan Sulfate

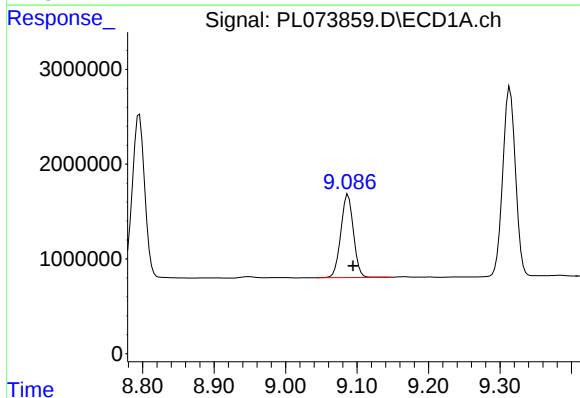
R.T.: 8.795 min  
Delta R.T.: -0.006 min  
Response: 20534343  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



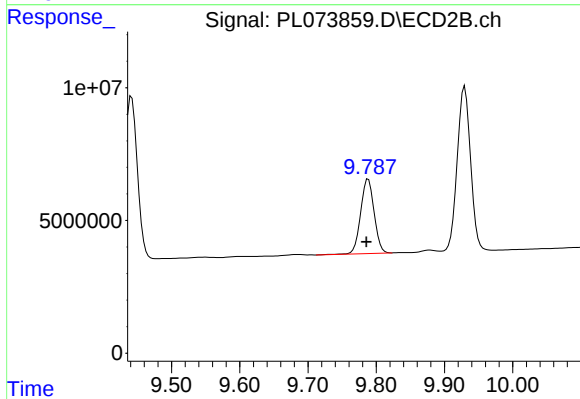
#19 Endosulfan Sulfate

R.T.: 9.442 min  
Delta R.T.: 0.002 min  
Response: 83021127  
Conc: 52.68 ng/ml



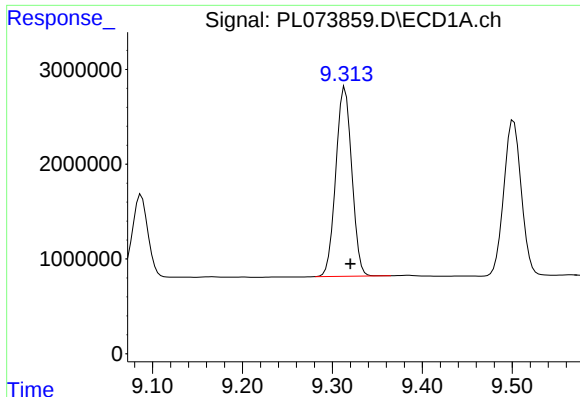
#20 Methoxychlor

R.T.: 9.087 min  
Delta R.T.: -0.007 min  
Response: 10772522  
Conc: 41.99 ng/ml



#20 Methoxychlor

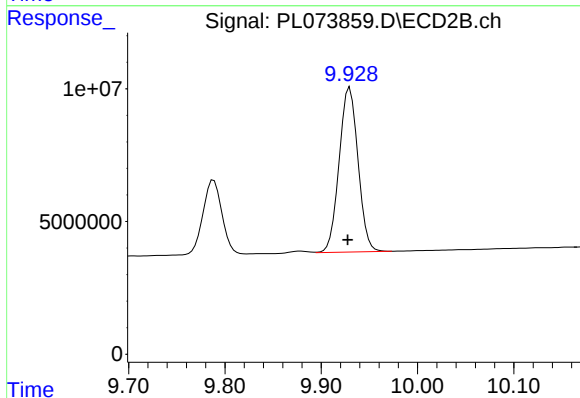
R.T.: 9.788 min  
Delta R.T.: 0.003 min  
Response: 38577009  
Conc: 42.81 ng/ml



#21 Endrin ketone

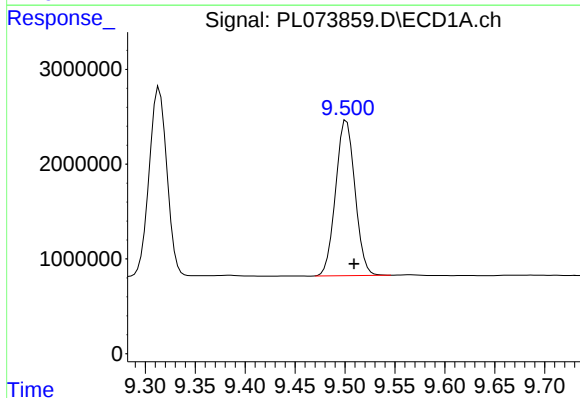
R.T.: 9.314 min  
Delta R.T.: -0.006 min  
Response: 24670861  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



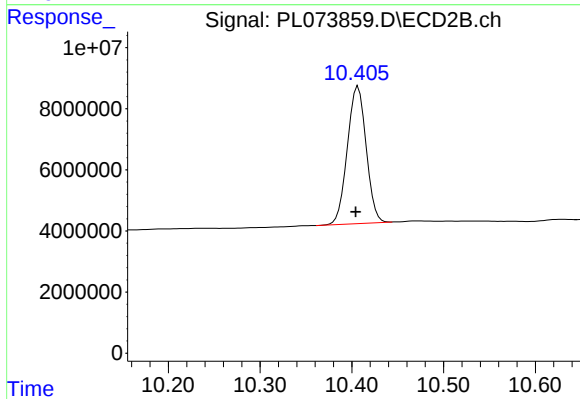
#21 Endrin ketone

R.T.: 9.930 min  
Delta R.T.: 0.002 min  
Response: 84283258  
Conc: 51.06 ng/ml



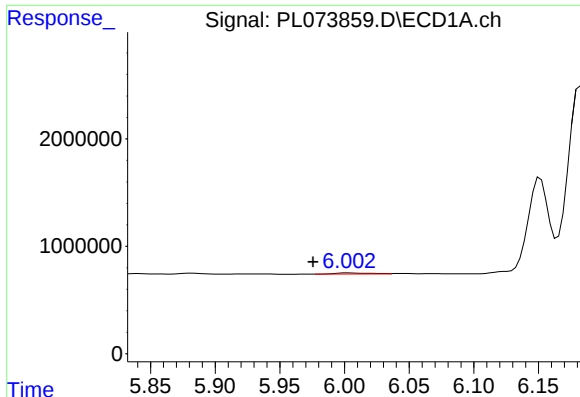
#22 Mirex

R.T.: 9.502 min  
Delta R.T.: -0.008 min  
Response: 22088524  
Conc: 46.84 ng/ml



#22 Mirex

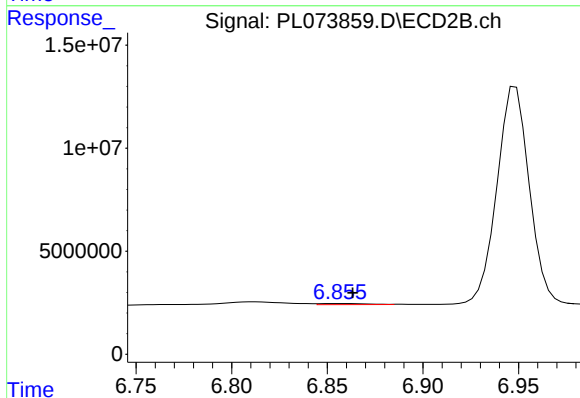
R.T.: 10.407 min  
Delta R.T.: 0.003 min  
Response: 63893895  
Conc: 47.03 ng/ml



#23 Chlordane-1

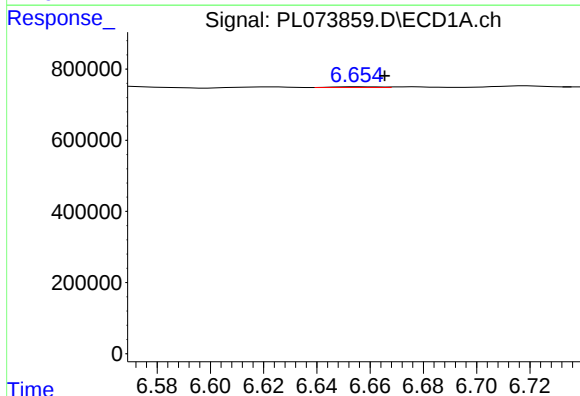
R.T.: 6.003 min  
Delta R.T.: 0.027 min  
Response: 206624  
Conc: 17.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



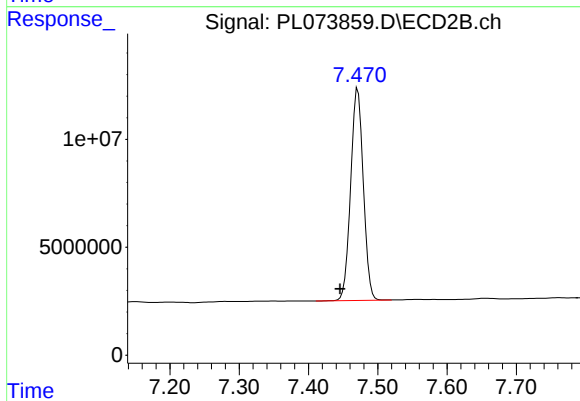
#23 Chlordane-1

R.T.: 6.857 min  
Delta R.T.: -0.007 min  
Response: 866777  
Conc: 12.69 ng/ml



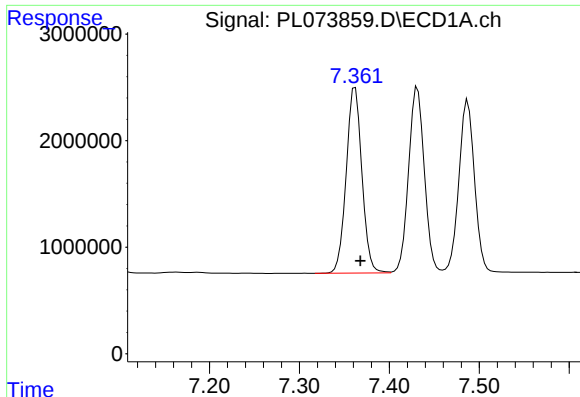
#24 Chlordane-2

R.T.: 6.655 min  
Delta R.T.: -0.010 min  
Response: 26405  
Conc: 1.62 ng/ml



#24 Chlordane-2

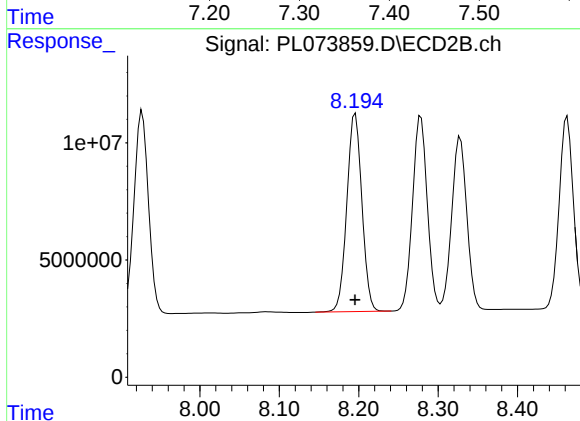
R.T.: 7.471 min  
Delta R.T.: 0.026 min  
Response: 124812582  
Conc: 1736.55 ng/ml



#25 Chlordane-3

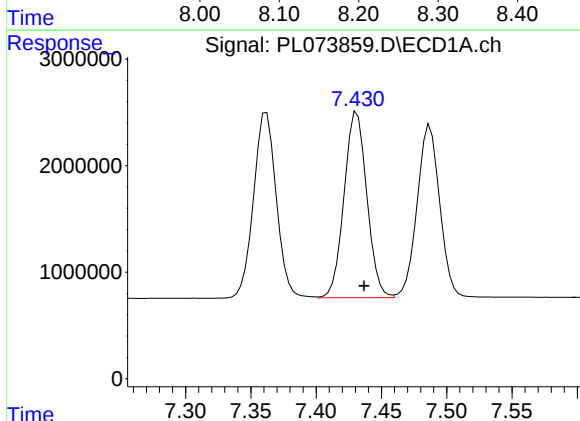
R.T.: 7.362 min  
Delta R.T.: -0.006 min  
Response: 21131401  
Conc: 517.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



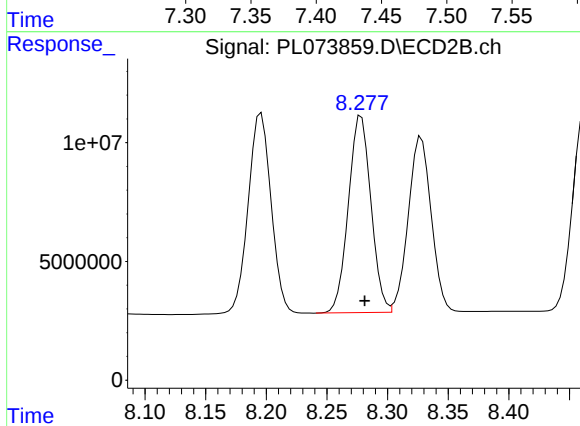
#25 Chlordane-3

R.T.: 8.196 min  
Delta R.T.: 0.000 min  
Response: 111469441  
Conc: 411.13 ng/ml



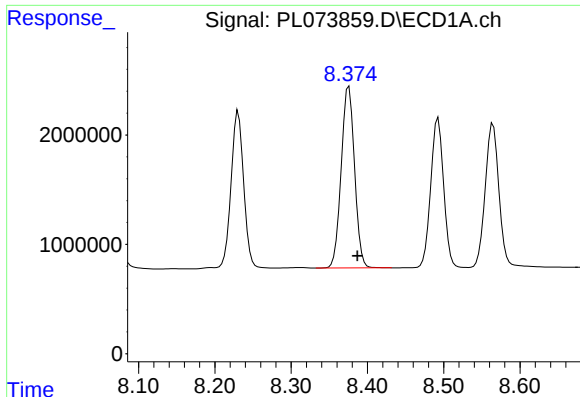
#26 Chlordane-4

R.T.: 7.431 min  
Delta R.T.: -0.005 min  
Response: 21200300  
Conc: 478.34 ng/ml



#26 Chlordane-4

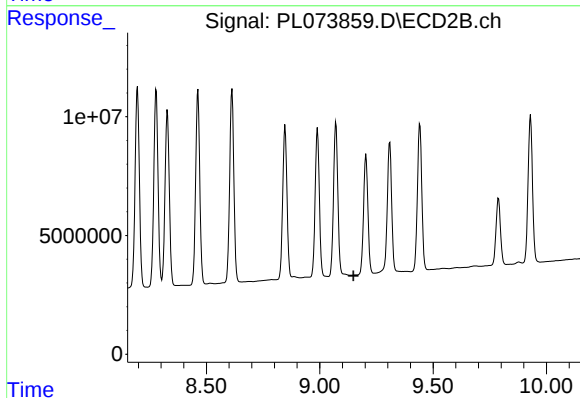
R.T.: 8.278 min  
Delta R.T.: -0.003 min  
Response: 107578077  
Conc: 324.76 ng/ml



#27 Chlordane-5

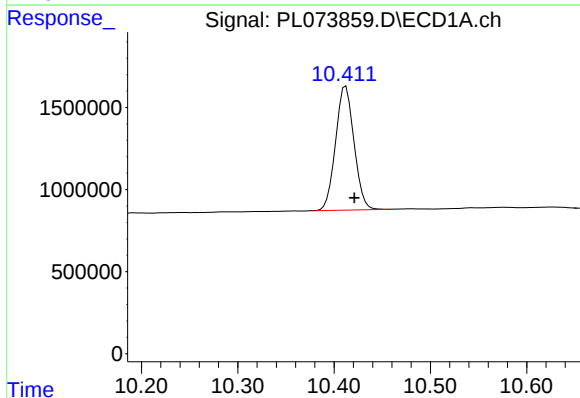
R.T.: 8.376 min  
Delta R.T.: -0.011 min  
Response: 20166287  
Conc: 1231.51 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



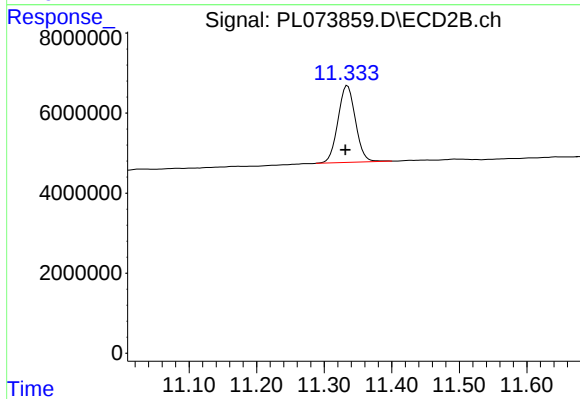
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 10.412 min  
Delta R.T.: -0.009 min  
Response: 10030210  
Conc: 19.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.335 min  
Delta R.T.: 0.003 min  
Response: 34580281  
Conc: 19.34 ng/ml