

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042022\  
 Data File : PL074210.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Apr 2022 13:20  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 21 02:54:16 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 14 09:29:23 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... | 4.646  | 5.485  | 18683513 | 83540882 | 57.824  | 46.855    |
| 28)                         | SA Decachlor... | 10.414 | 11.333 | 23249095 | 84439790 | 44.707  | 47.806    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 6.062  | 0        | 2233102  | N.D.    | 0.887 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 6.428f | 0        | 215928   | N.D.    | 0.091 #   |
| 4)                          | MA Heptachlor   | 6.187  | 7.097  | 8024173  | 42164191 | 17.813  | 16.165    |
| 5)                          | MB Aldrin       | 6.481f | 7.442f | 83733    | 35655390 | 0.202   | 15.182 #  |
| 6)                          | B beta-BHC      | 0.000  | 6.698f | 0        | 1856195  | N.D.    | 1.647 #   |
| 7)                          | B delta-BHC     | 6.405  | 0.000  | 719573   | 0        | 1.739   | N.D. #    |
| 8)                          | B Heptachlo...  | 7.092  | 7.907f | -546980  | 21310520 | N.D.    | 9.465     |
| 9)                          | A Endosulfan I  | 7.488  | 8.357f | 1876701  | 1321274  | 4.576   | 0.671 #   |
| 10)                         | B gamma-Chl...  | 7.366  | 8.193  | 19267417 | 111.9E6  | 43.930  | 50.172    |
| 11)                         | B alpha-Chl...  | 7.434  | 8.279  | 20854462 | 164.9E6  | 47.206  | 76.595 #  |
| 12)                         | B 4,4'-DDE      | 7.672f | 8.438f | 312225   | 695810   | 0.856   | 0.349 #   |
| 13)                         | MA Dieldrin     | 7.756f | 8.611  | 732426   | 8950614  | 1.705   | 4.464 #   |
| 14)                         | MA Endrin       | 8.079  | 8.866f | 1939811  | 3065462  | 4.775   | 1.810 #   |
| 15)                         | B Endosulfa...  | 8.383  | 9.091f | 7238463  | 2852589  | 17.562  | 1.642 #   |
| 16)                         | A 4,4'-DDD      | 8.248f | 9.002  | 53160    | 8131704  | 0.165   | 5.285 #   |
| 18)                         | B Endrin al...  | 8.586f | 9.202  | 237806   | 2077530  | 0.735   | 1.608 #   |
| 20)                         | A Methoxychlor  | 9.078  | 9.774f | 121209   | 1153800  | 0.488   | 1.200 #   |
| 21)                         | B Endrin ke...  | 9.300  | 9.958f | 45229    | 885123   | 0.093   | 0.511 #   |
| 23)                         | Chlordane-1     | 5.977  | 6.859  | 5270478  | 30169623 | 423.111 | 378.062   |
| 24)                         | Chlordane-2     | 6.665  | 7.442  | 7069900  | 35655390 | 405.704 | 431.469   |
| 25)                         | Chlordane-3     | 7.366  | 8.193  | 19267417 | 111.9E6  | 445.366 | 330.772 # |
| 26)                         | Chlordane-4     | 7.434  | 8.279  | 20854462 | 164.9E6  | 449.331 | 415.701   |
| 27)                         | Chlordane-5     | 8.383  | 9.148  | 7238463  | 26319612 | 415.033 | 437.368   |
| -----                       |                 |        |        |          |          |         |           |

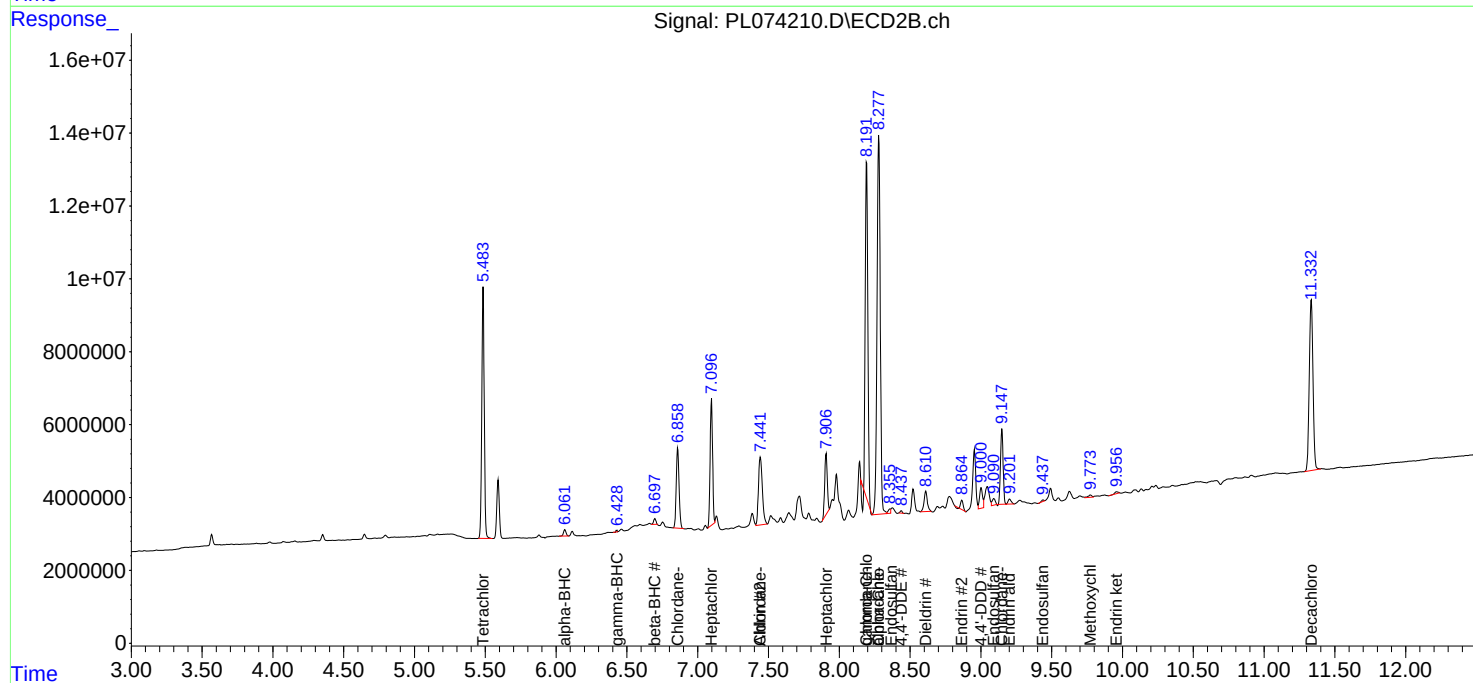
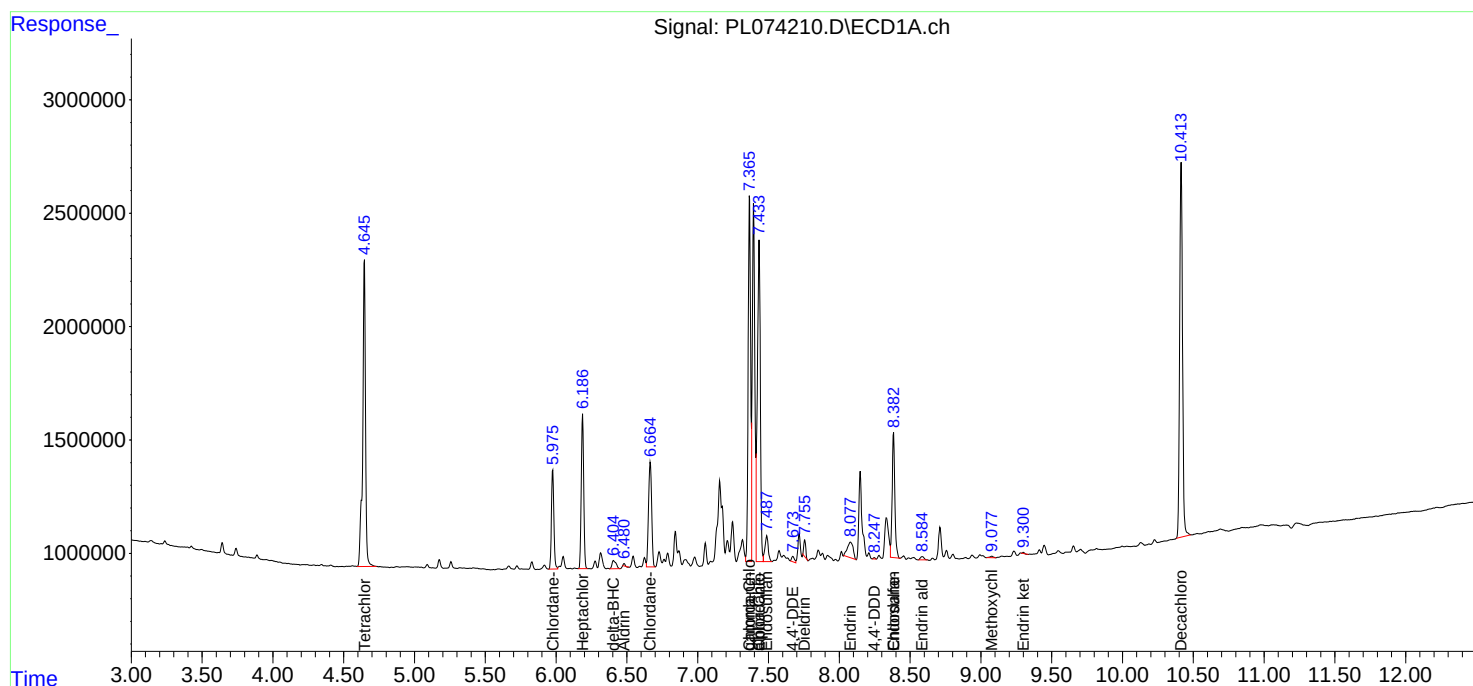
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

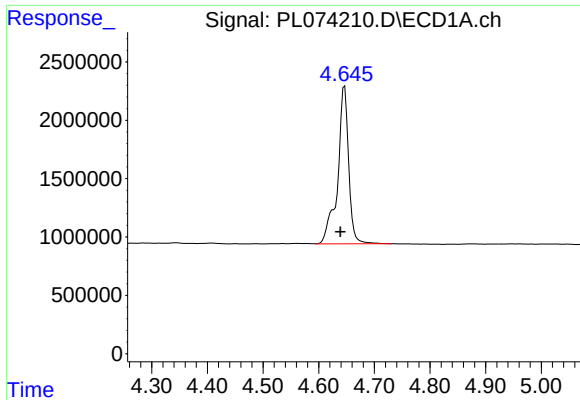
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042022\  
Data File : PL074210.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Apr 2022 13:20  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 21 02:54:16 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 14 09:29:23 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

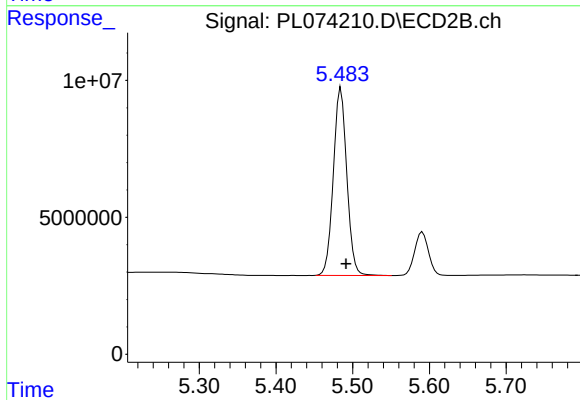




#1 Tetrachloro-m-xylene

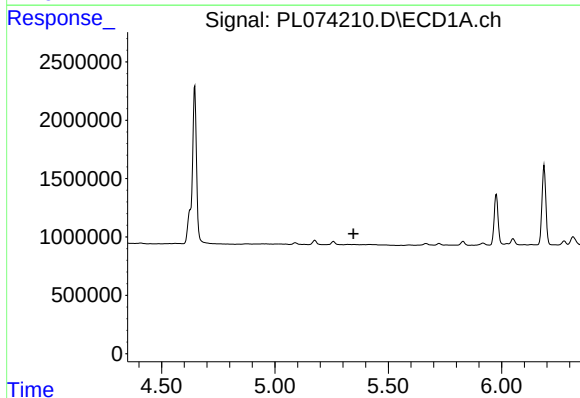
R.T.: 4.646 min  
Delta R.T.: 0.007 min  
Response: 18683513  
Conc: 57.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



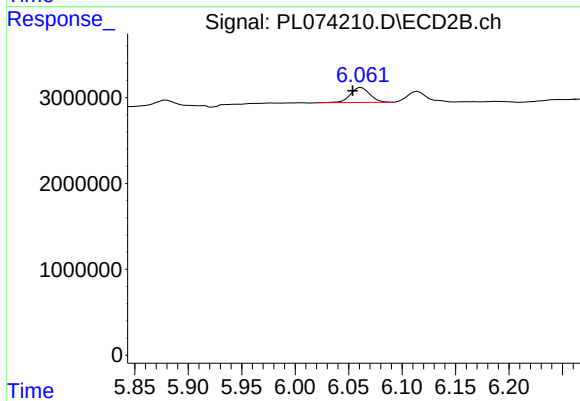
#1 Tetrachloro-m-xylene

R.T.: 5.485 min  
Delta R.T.: -0.007 min  
Response: 83540882  
Conc: 46.85 ng/ml



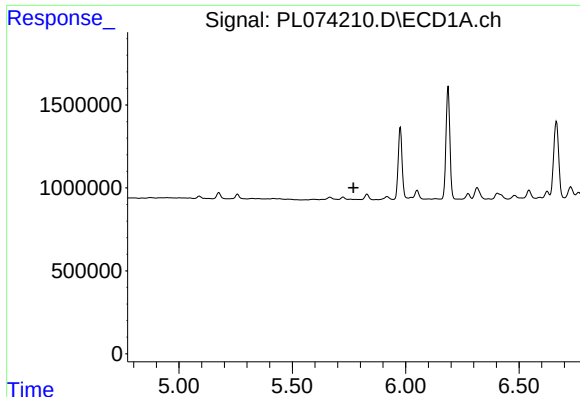
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 5.347 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

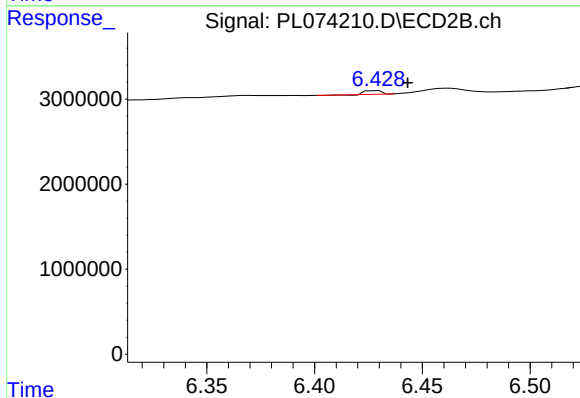
R.T.: 6.062 min  
Delta R.T.: 0.008 min  
Response: 2233102  
Conc: 0.89 ng/ml



#3 gamma-BHC (Lindane)

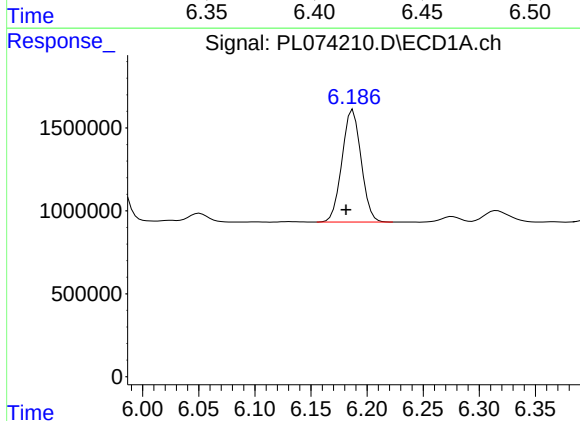
R.T.: 0.000 min  
Exp R.T.: 5.770 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



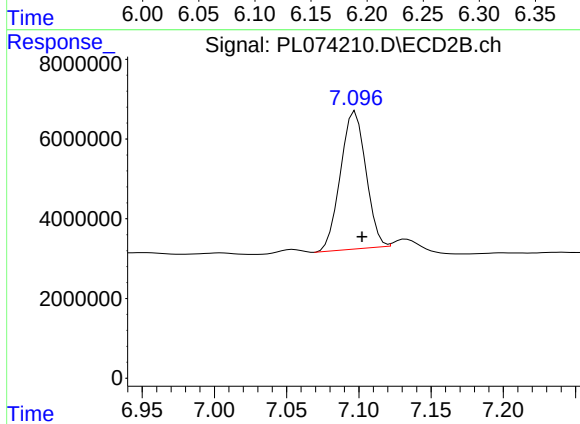
#3 gamma-BHC (Lindane)

R.T.: 6.428 min  
Delta R.T.: -0.015 min  
Response: 215928  
Conc: 0.09 ng/ml



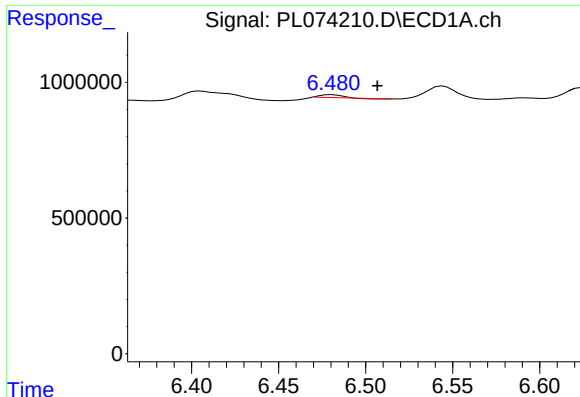
#4 Heptachlor

R.T.: 6.187 min  
Delta R.T.: 0.006 min  
Response: 8024173  
Conc: 17.81 ng/ml



#4 Heptachlor

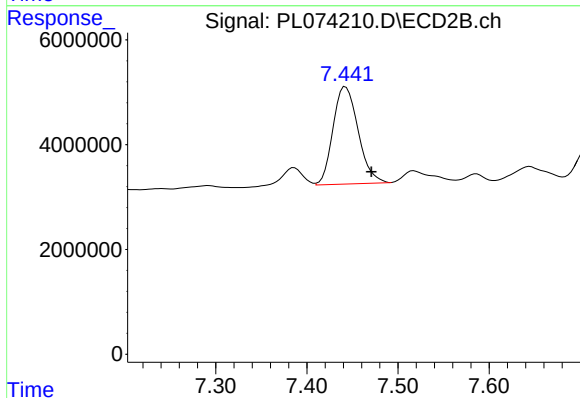
R.T.: 7.097 min  
Delta R.T.: -0.005 min  
Response: 42164191  
Conc: 16.16 ng/ml



#5 Aldrin

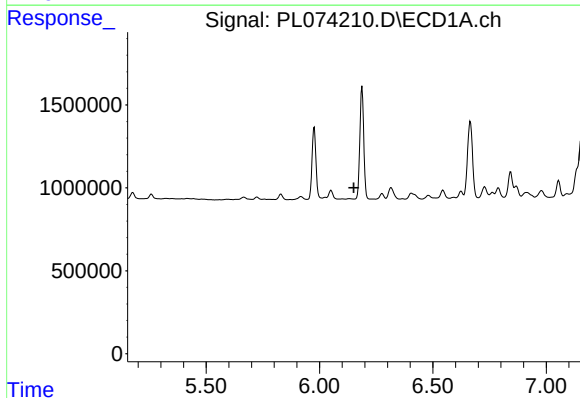
R.T.: 6.481 min  
Delta R.T.: -0.026 min  
Response: 83733  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



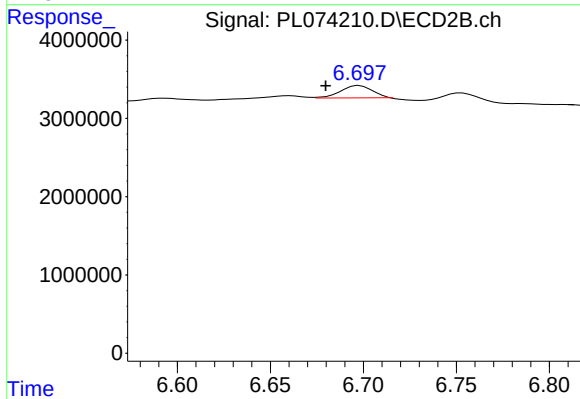
#5 Aldrin

R.T.: 7.442 min  
Delta R.T.: -0.028 min  
Response: 35655390  
Conc: 15.18 ng/ml



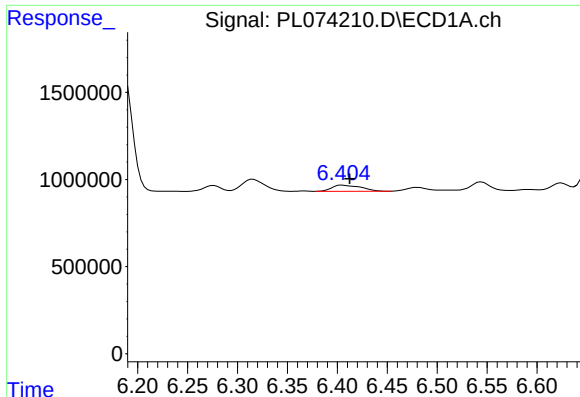
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 6.151 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

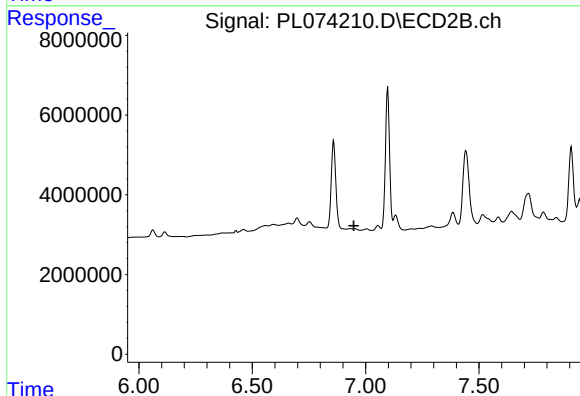
R.T.: 6.698 min  
Delta R.T.: 0.018 min  
Response: 1856195  
Conc: 1.65 ng/ml



#7 delta-BHC

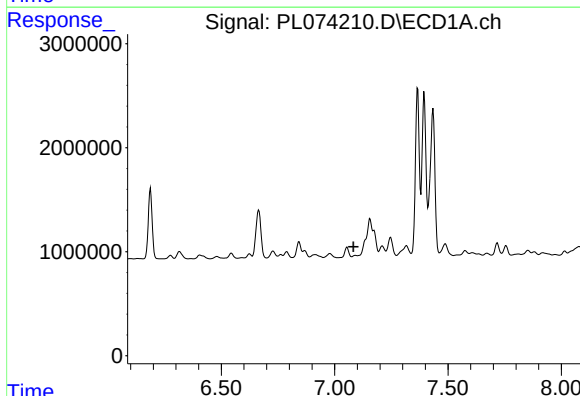
R.T.: 6.405 min  
Delta R.T.: -0.008 min  
Response: 719573  
Conc: 1.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



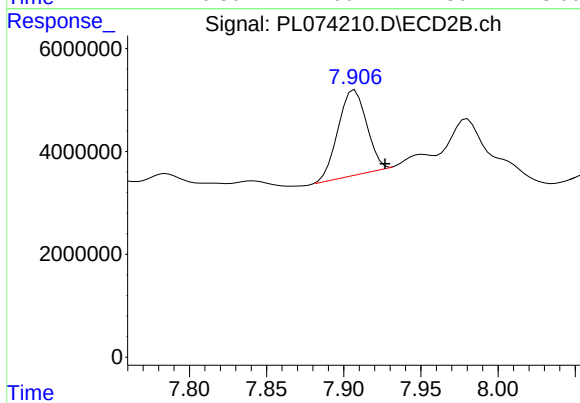
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 6.948 min  
Response: 0  
Conc: N.D.



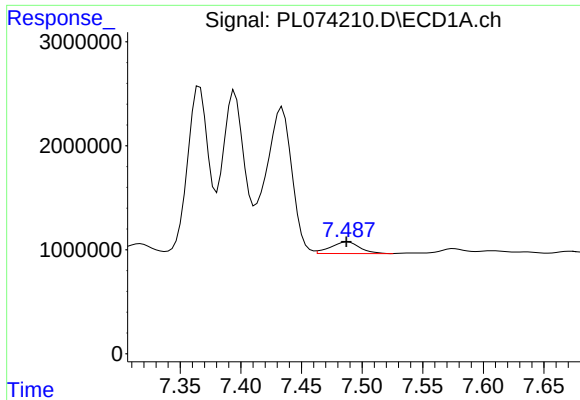
#8 Heptachlor epoxide

R.T.: 7.092 min  
Delta R.T.: 0.008 min  
Response: -546980  
Conc: N.D.



#8 Heptachlor epoxide

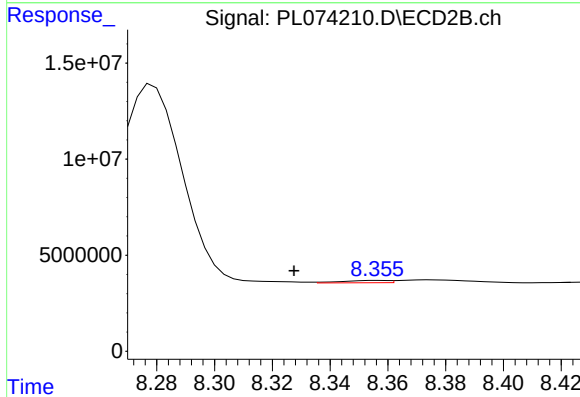
R.T.: 7.907 min  
Delta R.T.: -0.020 min  
Response: 21310520  
Conc: 9.46 ng/ml



#9 Endosulfan I

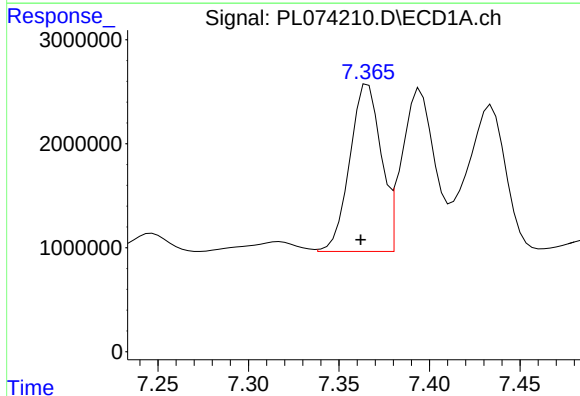
R.T.: 7.488 min  
Delta R.T.: 0.001 min  
Response: 1876701  
Conc: 4.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



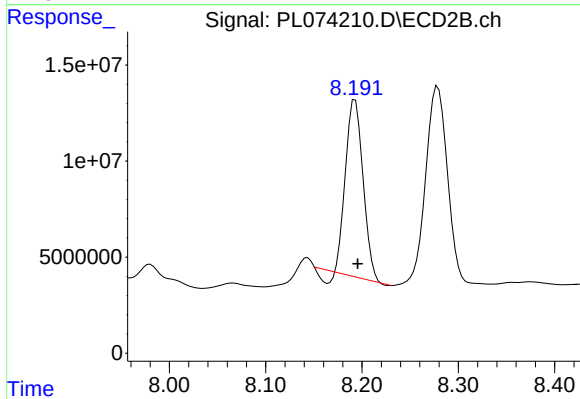
#9 Endosulfan I

R.T.: 8.357 min  
Delta R.T.: 0.030 min  
Response: 1321274  
Conc: 0.67 ng/ml



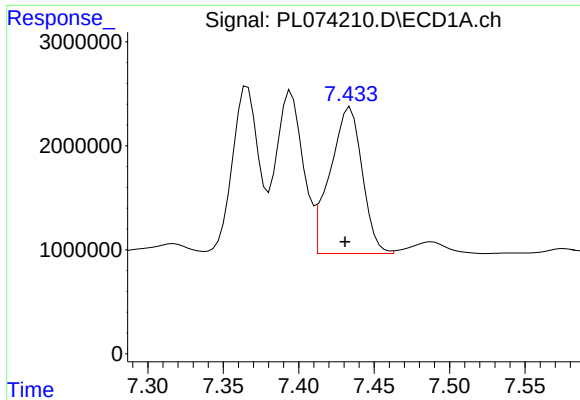
#10 gamma-Chlordane

R.T.: 7.366 min  
Delta R.T.: 0.004 min  
Response: 19267417  
Conc: 43.93 ng/ml



#10 gamma-Chlordane

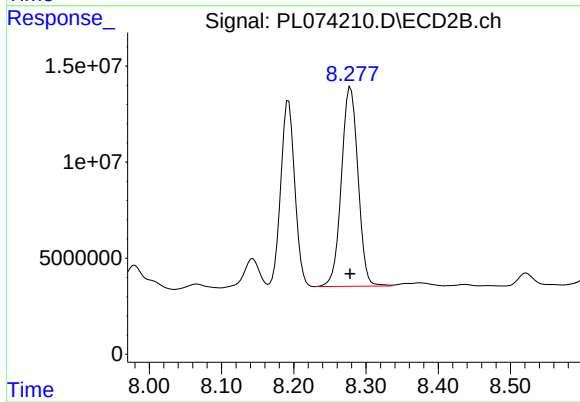
R.T.: 8.193 min  
Delta R.T.: -0.003 min  
Response: 111900316  
Conc: 50.17 ng/ml



#11 alpha-Chlordane

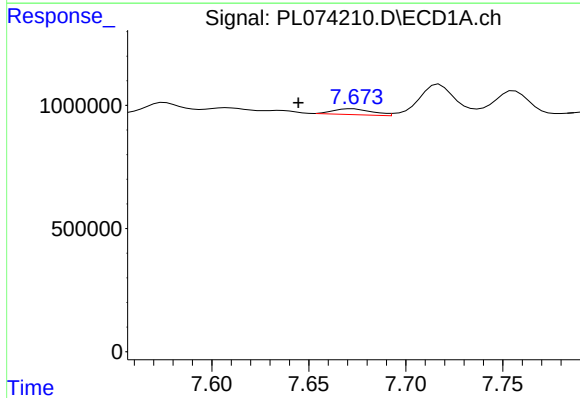
R.T.: 7.434 min  
Delta R.T.: 0.003 min  
Response: 20854462  
Conc: 47.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



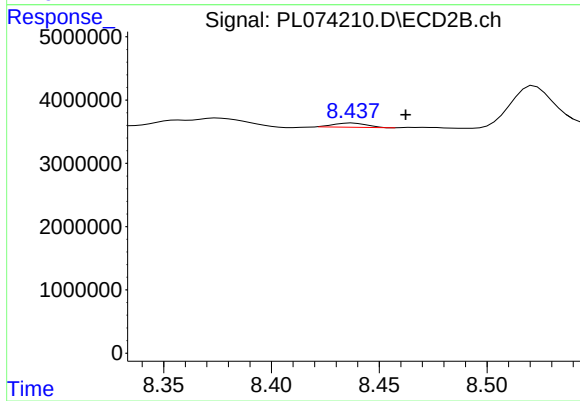
#11 alpha-Chlordane

R.T.: 8.279 min  
Delta R.T.: 0.000 min  
Response: 164876390  
Conc: 76.59 ng/ml



#12 4,4'-DDE

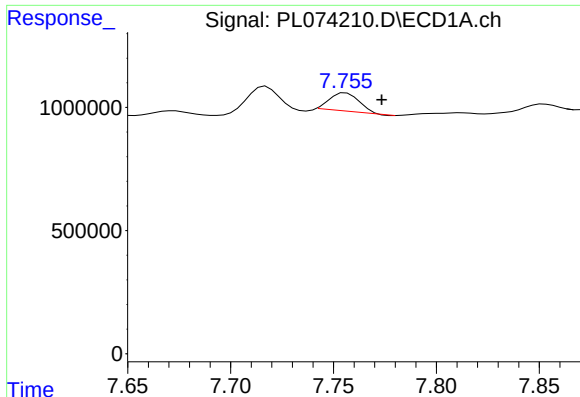
R.T.: 7.672 min  
Delta R.T.: 0.028 min  
Response: 312225  
Conc: 0.86 ng/ml



#12 4,4'-DDE

R.T.: 8.438 min  
Delta R.T.: -0.024 min  
Response: 695810  
Conc: 0.35 ng/ml

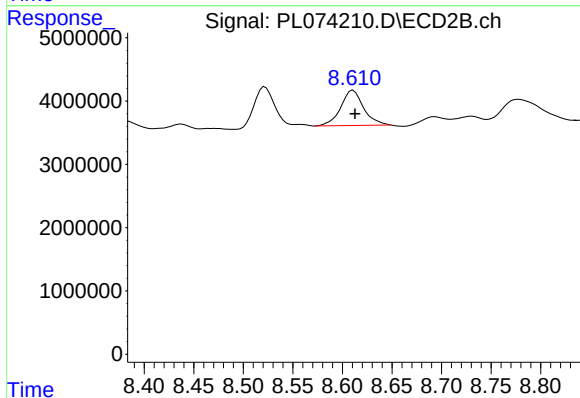




#13 Dieldrin

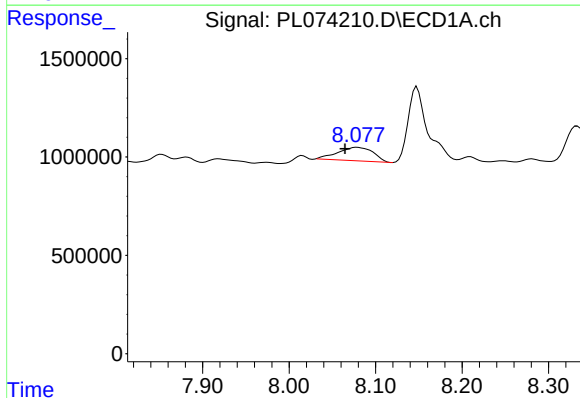
R.T.: 7.756 min  
Delta R.T.: -0.017 min  
Response: 732426  
Conc: 1.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



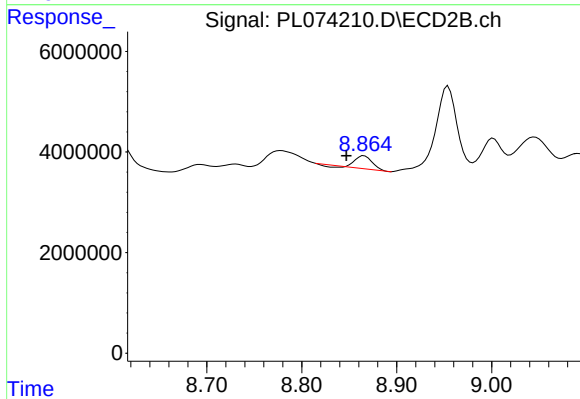
#13 Dieldrin

R.T.: 8.611 min  
Delta R.T.: -0.002 min  
Response: 8950614  
Conc: 4.46 ng/ml



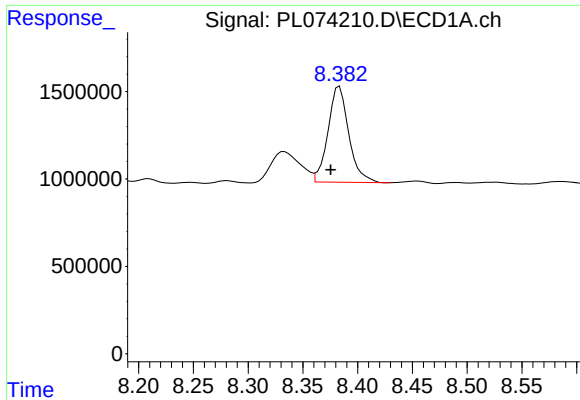
#14 Endrin

R.T.: 8.079 min  
Delta R.T.: 0.014 min  
Response: 1939811  
Conc: 4.78 ng/ml



#14 Endrin

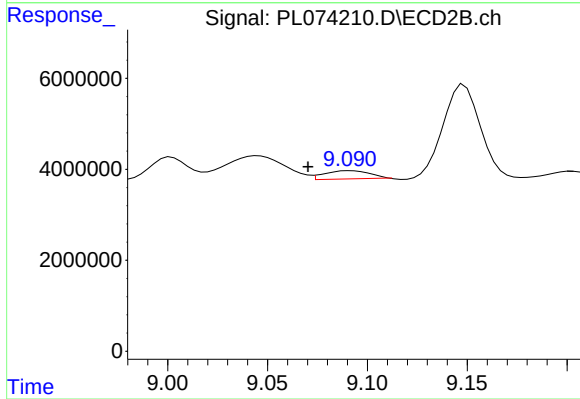
R.T.: 8.866 min  
Delta R.T.: 0.018 min  
Response: 3065462  
Conc: 1.81 ng/ml



#15 Endosulfan II

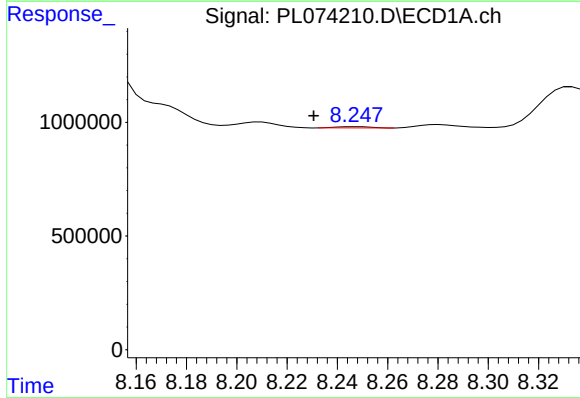
R.T.: 8.383 min  
Delta R.T.: 0.008 min  
Response: 7238463  
Conc: 17.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



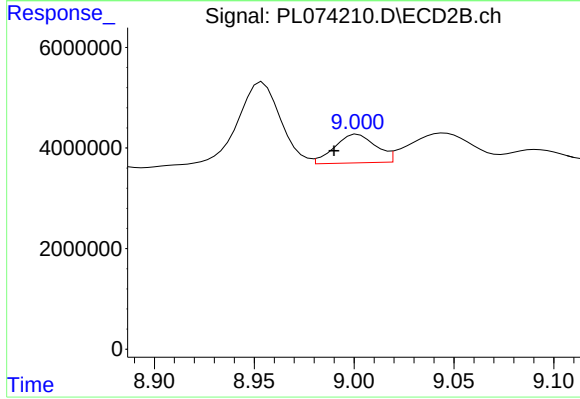
#15 Endosulfan II

R.T.: 9.091 min  
Delta R.T.: 0.021 min  
Response: 2852589  
Conc: 1.64 ng/ml



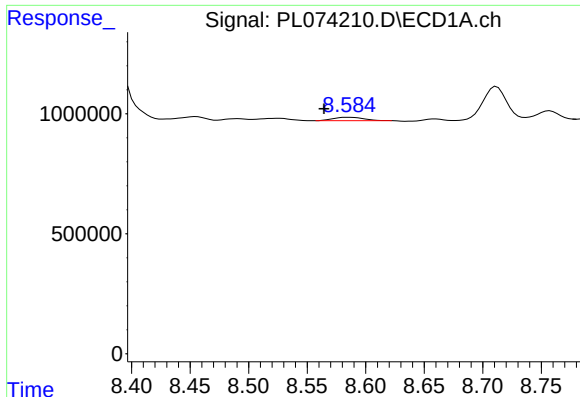
#16 4,4'-DDD

R.T.: 8.248 min  
Delta R.T.: 0.017 min  
Response: 53160  
Conc: 0.16 ng/ml



#16 4,4'-DDD

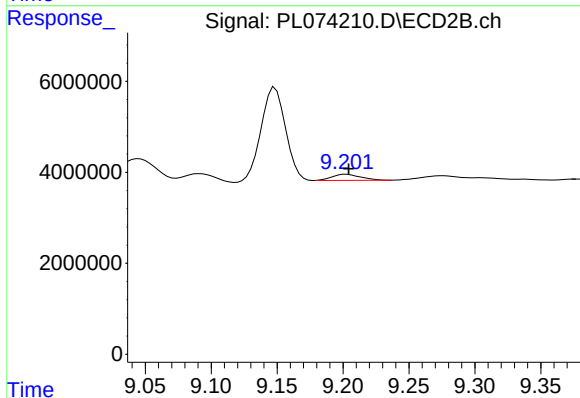
R.T.: 9.002 min  
Delta R.T.: 0.012 min  
Response: 8131704  
Conc: 5.29 ng/ml



#18 Endrin aldehyde

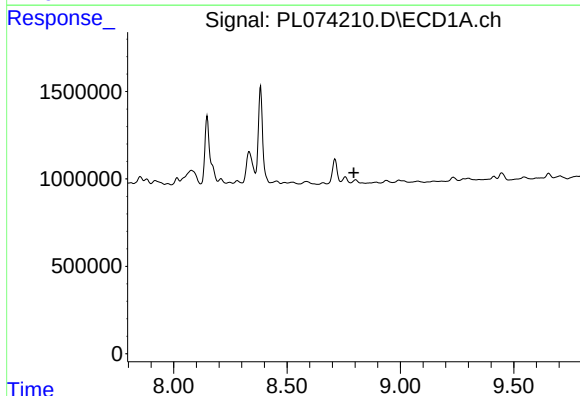
R.T.: 8.586 min  
Delta R.T.: 0.021 min  
Response: 237806  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



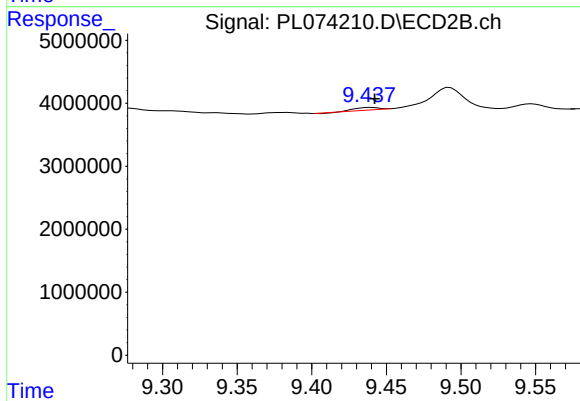
#18 Endrin aldehyde

R.T.: 9.202 min  
Delta R.T.: -0.002 min  
Response: 2077530  
Conc: 1.61 ng/ml



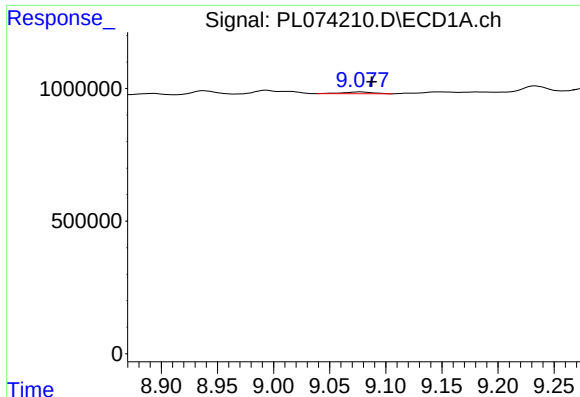
#19 Endosulfan Sulfate

R.T.: 8.803 min  
Delta R.T.: 0.008 min  
Response: -181083  
Conc: N.D.



#19 Endosulfan Sulfate

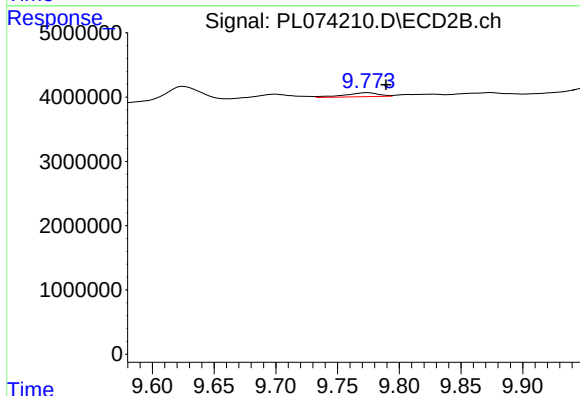
R.T.: 9.440 min  
Delta R.T.: -0.003 min  
Response: 390341  
Conc: 0.23 ng/ml



#20 Methoxychlor

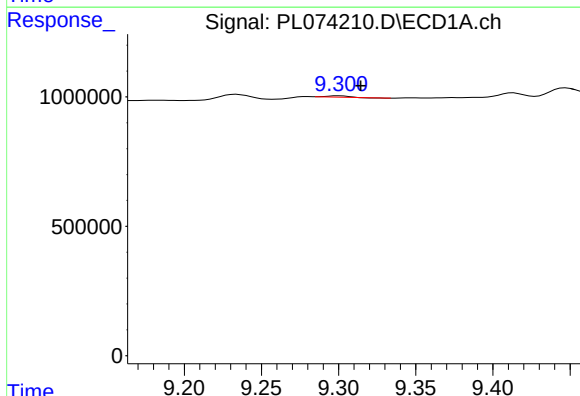
R.T.: 9.078 min  
Delta R.T.: -0.009 min  
Response: 121209  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



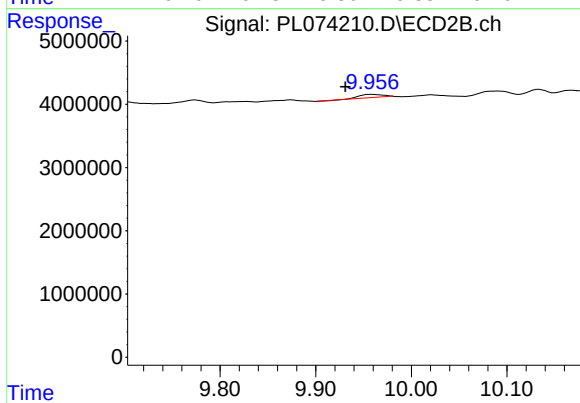
#20 Methoxychlor

R.T.: 9.774 min  
Delta R.T.: -0.015 min  
Response: 1153800  
Conc: 1.20 ng/ml



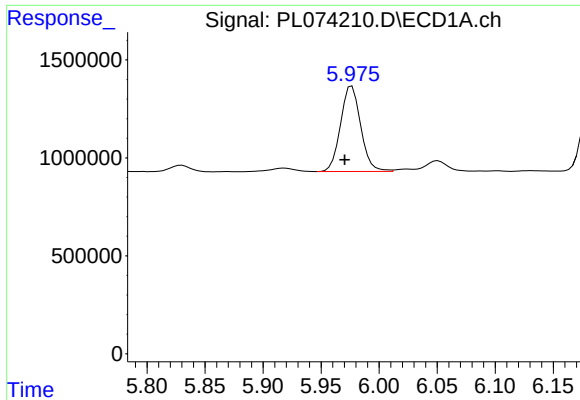
#21 Endrin ketone

R.T.: 9.300 min  
Delta R.T.: -0.014 min  
Response: 45229  
Conc: 0.09 ng/ml



#21 Endrin ketone

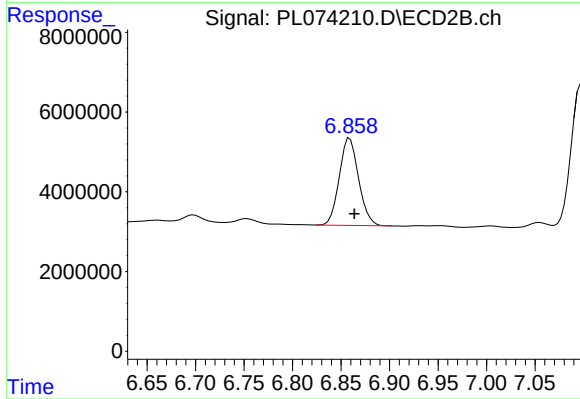
R.T.: 9.958 min  
Delta R.T.: 0.027 min  
Response: 885123  
Conc: 0.51 ng/ml



#23 Chlordane-1

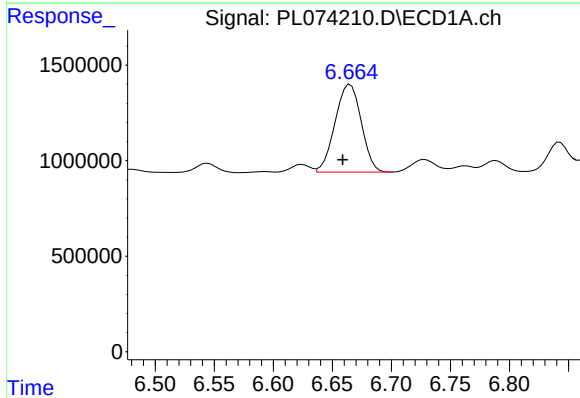
R.T.: 5.977 min  
Delta R.T.: 0.006 min  
Response: 5270478  
Conc: 423.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



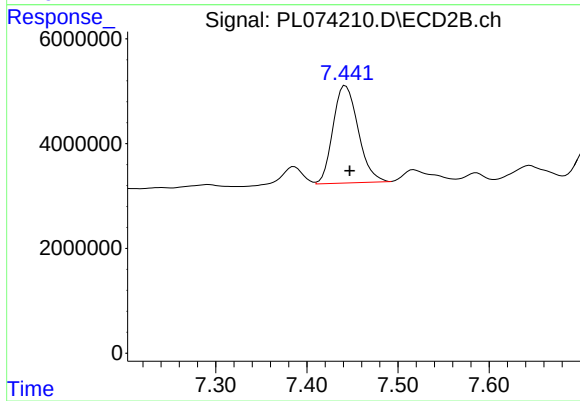
#23 Chlordane-1

R.T.: 6.859 min  
Delta R.T.: -0.005 min  
Response: 30169623  
Conc: 378.06 ng/ml



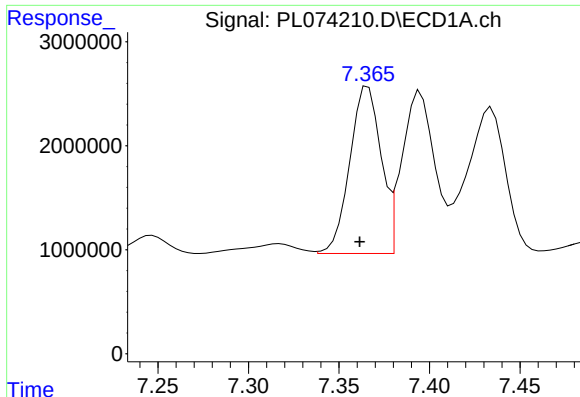
#24 Chlordane-2

R.T.: 6.665 min  
Delta R.T.: 0.006 min  
Response: 7069900  
Conc: 405.70 ng/ml



#24 Chlordane-2

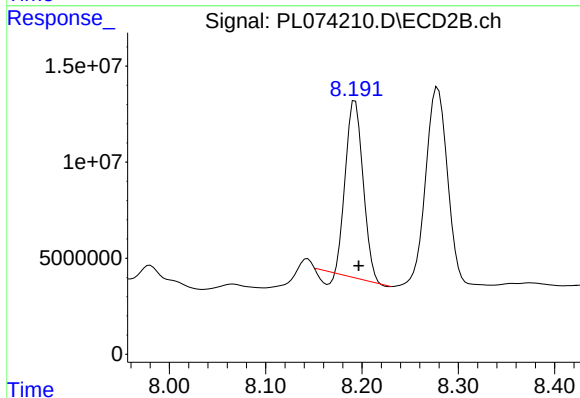
R.T.: 7.442 min  
Delta R.T.: -0.004 min  
Response: 35655390  
Conc: 431.47 ng/ml



#25 Chlordane-3

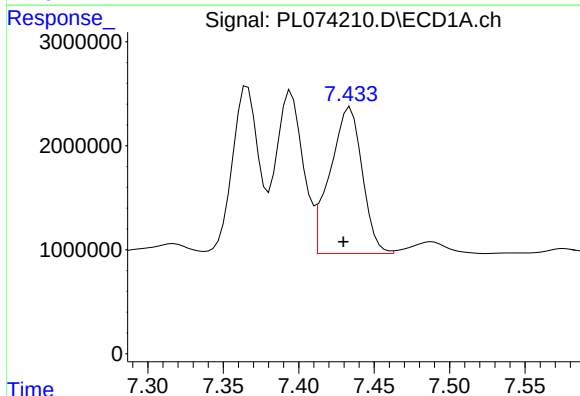
R.T.: 7.366 min  
Delta R.T.: 0.005 min  
Response: 19267417  
Conc: 445.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



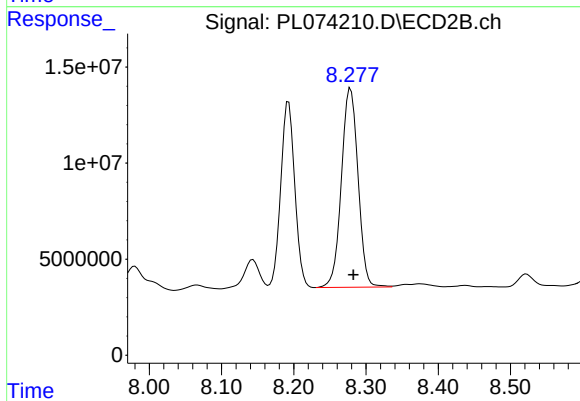
#25 Chlordane-3

R.T.: 8.193 min  
Delta R.T.: -0.004 min  
Response: 111900316  
Conc: 330.77 ng/ml



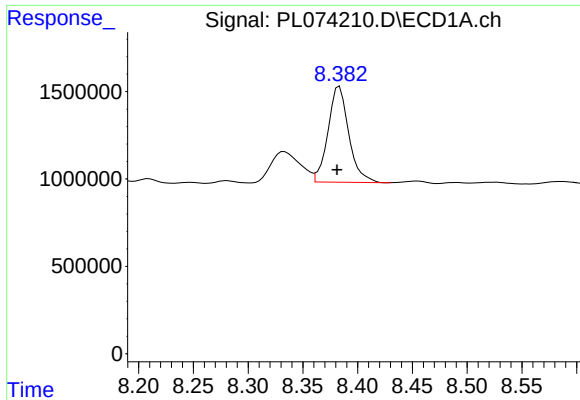
#26 Chlordane-4

R.T.: 7.434 min  
Delta R.T.: 0.004 min  
Response: 20854462  
Conc: 449.33 ng/ml



#26 Chlordane-4

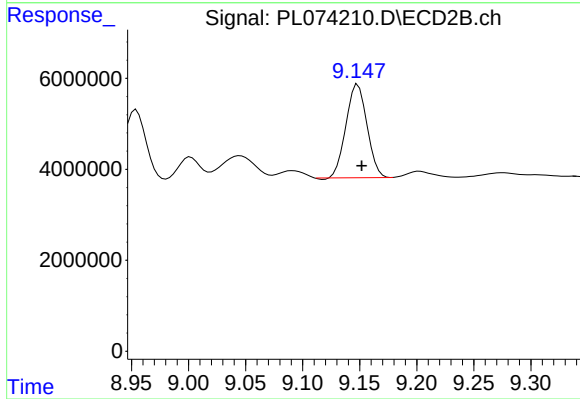
R.T.: 8.279 min  
Delta R.T.: -0.004 min  
Response: 164876390  
Conc: 415.70 ng/ml



#27 Chlordane-5

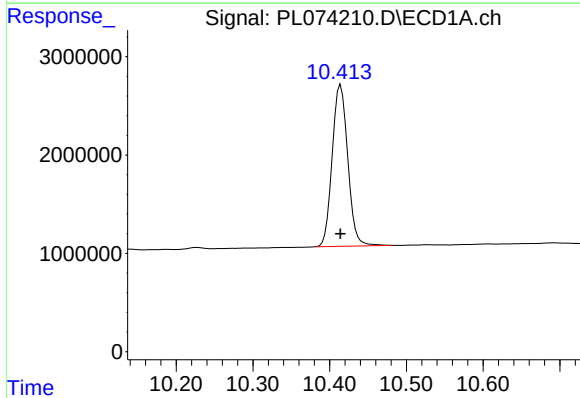
R.T.: 8.383 min  
Delta R.T.: 0.002 min  
Response: 7238463  
Conc: 415.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



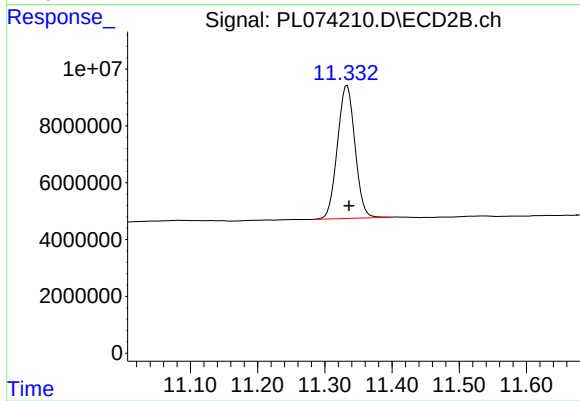
#27 Chlordane-5

R.T.: 9.148 min  
Delta R.T.: -0.003 min  
Response: 26319612  
Conc: 437.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.414 min  
Delta R.T.: 0.000 min  
Response: 23249095  
Conc: 44.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.333 min  
Delta R.T.: -0.003 min  
Response: 84439790  
Conc: 47.81 ng/ml