

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022222\  
 Data File : PL072877.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Feb 2022 10:27  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 05:30:56 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 05:14:10 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... | 4.548  | 5.489  | 9234762  | 34025269 | 19.179  | 19.698   |
| 28)                         | SA Decachlor... | 10.308 | 11.378 | 16345436 | 37096106 | 21.591  | 23.393   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 5.254  | 6.070  | 5645595  | 22238488 | 8.562   | 9.286    |
| 3)                          | MA gamma-BHC... | 5.677  | 6.467  | 5562016  | 21574495 | 8.850   | 9.370    |
| 4)                          | MA Heptachlor   | 6.062f | 0.000  | 1268022  | 0        | 1.737   | N.D. #   |
| 5)                          | MB Aldrin       | 6.393f | 7.483  | 38725    | 302770   | 0.060   | 0.142 #  |
| 6)                          | B beta-BHC      | 6.062  | 6.727  | 1268022  | 11391873 | 5.117   | 11.175 # |
| 7)                          | B delta-BHC     | 6.326  | 7.009  | 59835    | 12821204 | 0.090   | 5.596 #  |
| 8)                          | B Heptachlo...  | 6.984  | 0.000  | 18089    | 0        | 0.029   | N.D. #   |
| 9)                          | A Endosulfan I  | 7.404  | 8.330f | 31746    | 170403   | 0.054   | 0.097 #  |
| 10)                         | B gamma-Chl...  | 7.277  | 8.218  | 26514    | 758110   | 0.042   | 0.392 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 8.290  | 0        | 315417   | N.D.    | 0.166 #  |
| 12)                         | B 4,4'-DDE      | 7.545  | 8.491  | 127388   | 314795   | 0.210   | 0.168    |
| 13)                         | MA Dieldrin     | 7.688  | 8.672f | 22816    | 12387    | 0.036   | 0.007 #  |
| 14)                         | MA Endrin       | 7.964  | 8.882  | 30056206 | 87476900 | 51.307  | 55.518   |
| 16)                         | A 4,4'-DDD      | 8.136  | 9.032  | 121299   | 437721   | 0.252   | 0.316 #  |
| 17)                         | MA 4,4'-DDT     | 8.392  | 9.346  | 64188260 | 172.9E6  | 119.291 | 112.927  |
| 18)                         | B Endrin al...  | 8.497f | 9.254  | 456959   | 89704    | 1.048   | 0.080 #  |
| 19)                         | B Endosulfa...  | 8.690f | 0.000  | 42963    | 0        | 0.072   | N.D. #   |
| 20)                         | A Methoxychlor  | 8.989  | 9.835  | 93120696 | 223.5E6  | 264.830 | 276.040  |
| 21)                         | B Endrin ke...  | 9.214  | 9.987  | 275594   | 685695   | 0.401   | 0.430    |
| 23)                         | Chlordane-1     | 5.868  | 6.893f | 32583    | 34799    | 1.756   | 0.485 #  |
| 24)                         | Chlordane-2     | 6.555f | 7.483f | 73456    | 302770   | 2.905   | 3.932 #  |
| 25)                         | Chlordane-3     | 7.277  | 8.218  | 26514    | 758110   | 0.393   | 2.537 #  |
| 26)                         | Chlordane-4     | 0.000  | 8.290f | 0        | 315417   | N.D.    | 0.884 #  |
| -----                       |                 |        |        |          |          |         |          |

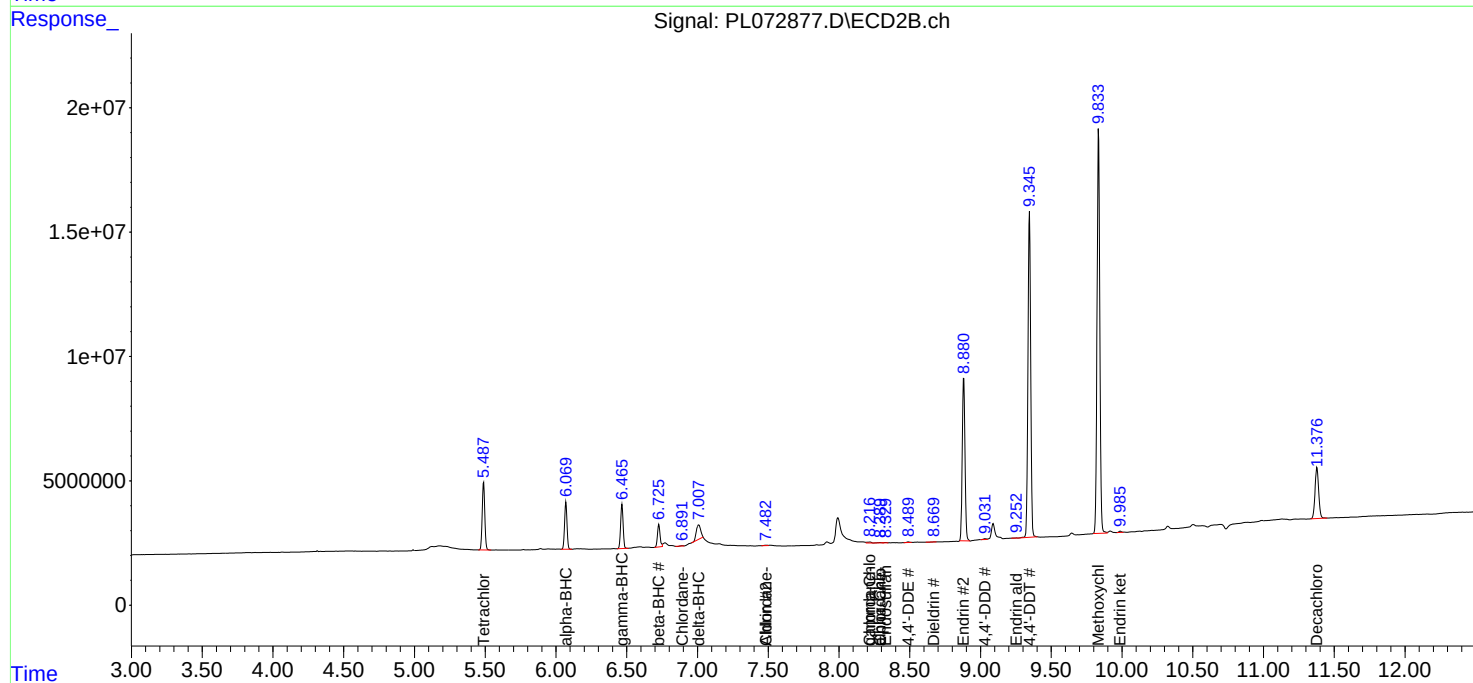
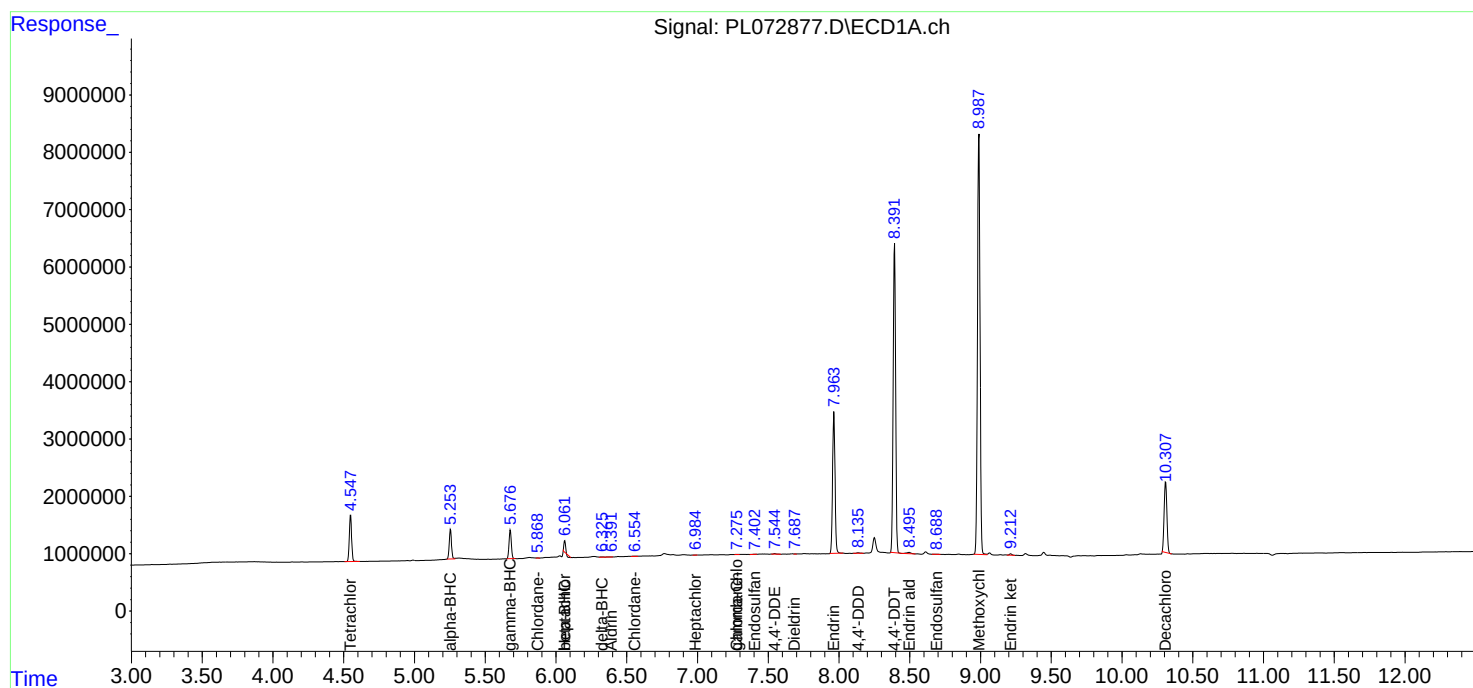
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

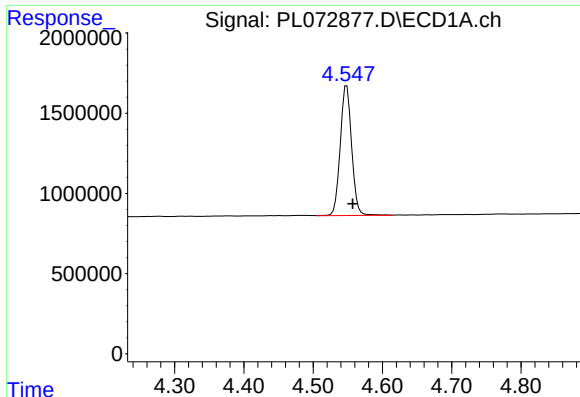
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022222\  
Data File : PL072877.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Feb 2022 10:27  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 23 05:30:56 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 08 05:14:10 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

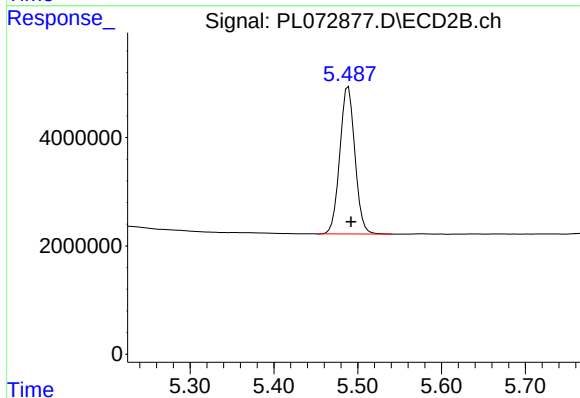




#1 Tetrachloro-m-xylene

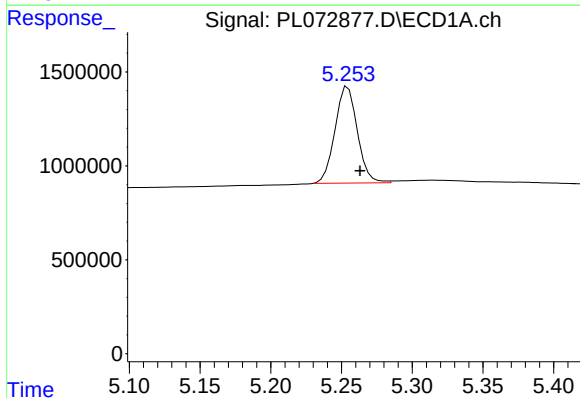
R.T.: 4.548 min  
Delta R.T.: -0.009 min  
Response: 9234762  
Conc: 19.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



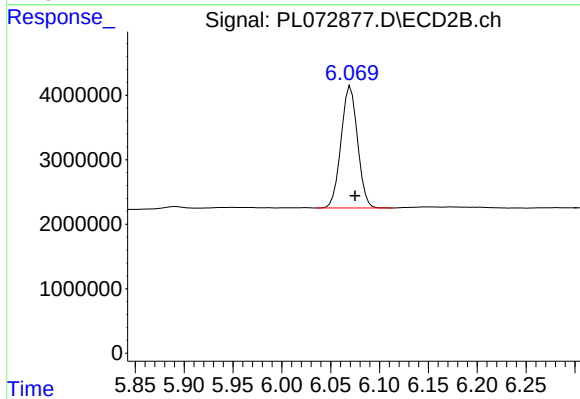
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.003 min  
Response: 34025269  
Conc: 19.70 ng/ml



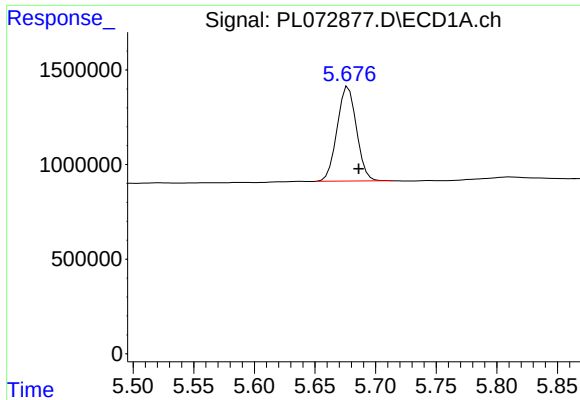
#2 alpha-BHC

R.T.: 5.254 min  
Delta R.T.: -0.009 min  
Response: 5645595  
Conc: 8.56 ng/ml



#2 alpha-BHC

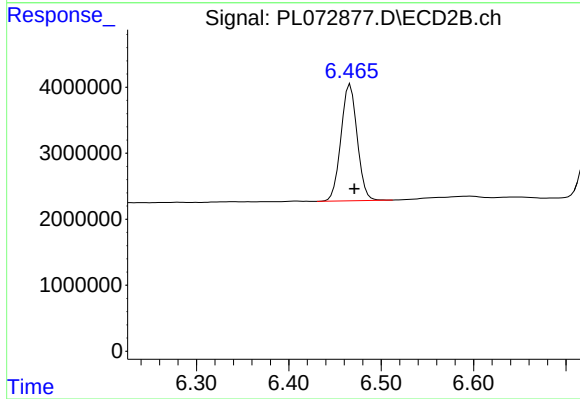
R.T.: 6.070 min  
Delta R.T.: -0.005 min  
Response: 22238488  
Conc: 9.29 ng/ml



#3 gamma-BHC (Lindane)

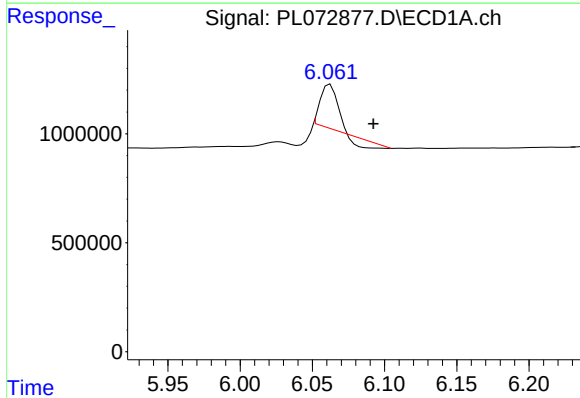
R.T.: 5.677 min  
Delta R.T.: -0.009 min  
Response: 5562016  
Conc: 8.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



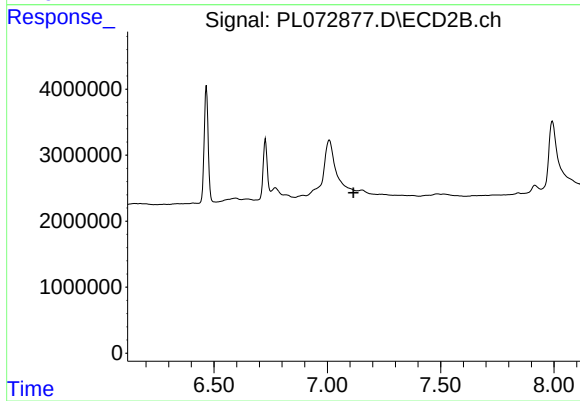
#3 gamma-BHC (Lindane)

R.T.: 6.467 min  
Delta R.T.: -0.004 min  
Response: 21574495  
Conc: 9.37 ng/ml



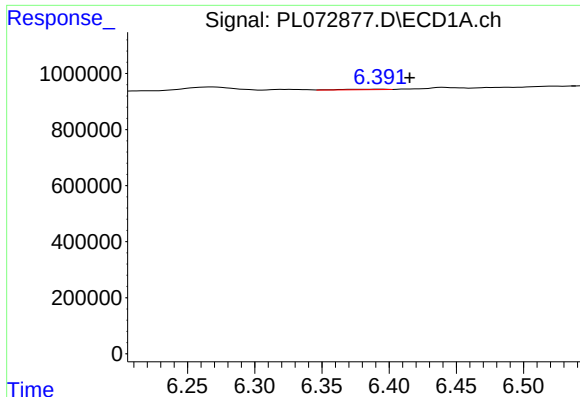
#4 Heptachlor

R.T.: 6.062 min  
Delta R.T.: -0.030 min  
Response: 1268022  
Conc: 1.74 ng/ml



#4 Heptachlor

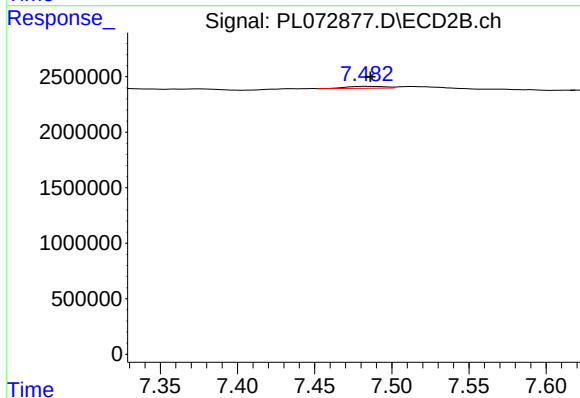
R.T.: 0.000 min  
Exp R.T. : 7.116 min  
Response: 0  
Conc: N.D.



#5 Aldrin

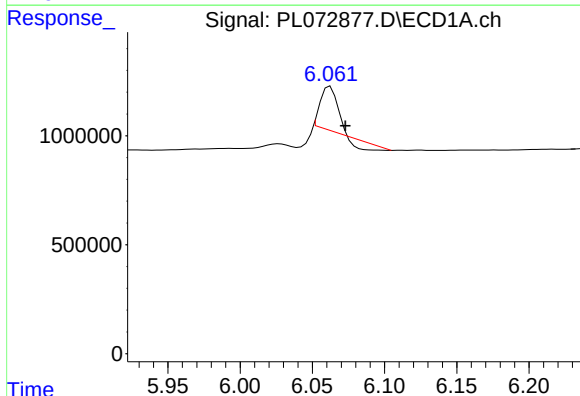
R.T.: 6.393 min  
Delta R.T.: -0.023 min  
Response: 38725  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



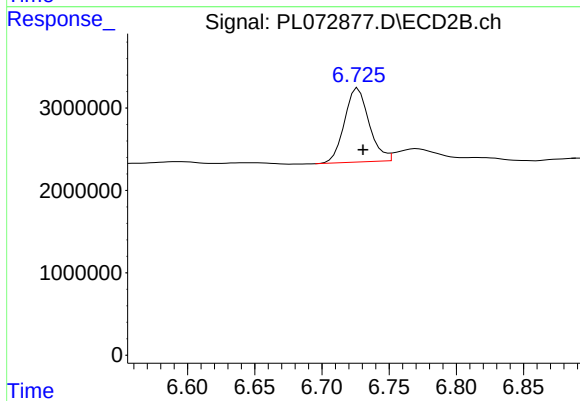
#5 Aldrin

R.T.: 7.483 min  
Delta R.T.: -0.003 min  
Response: 302770  
Conc: 0.14 ng/ml



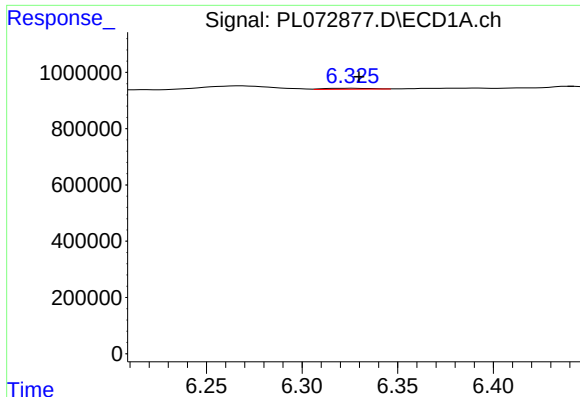
#6 beta-BHC

R.T.: 6.062 min  
Delta R.T.: -0.011 min  
Response: 1268022  
Conc: 5.12 ng/ml



#6 beta-BHC

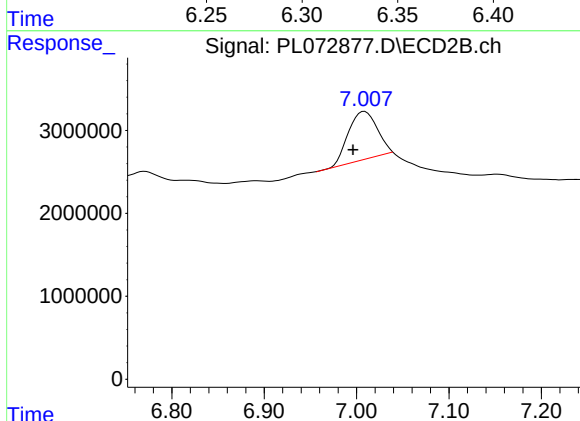
R.T.: 6.727 min  
Delta R.T.: -0.004 min  
Response: 11391873  
Conc: 11.17 ng/ml



#7 delta-BHC

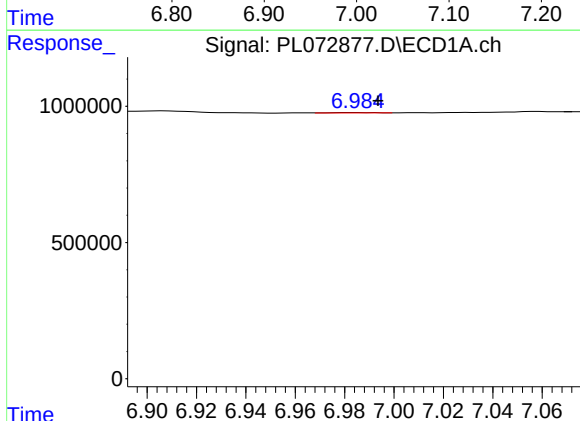
R.T.: 6.326 min  
Delta R.T.: -0.003 min  
Response: 59835  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



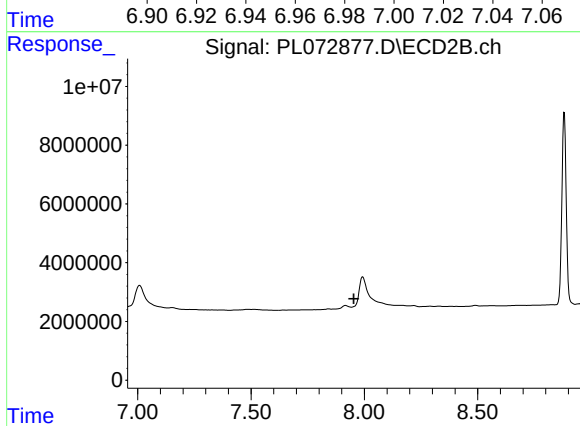
#7 delta-BHC

R.T.: 7.009 min  
Delta R.T.: 0.013 min  
Response: 12821204  
Conc: 5.60 ng/ml



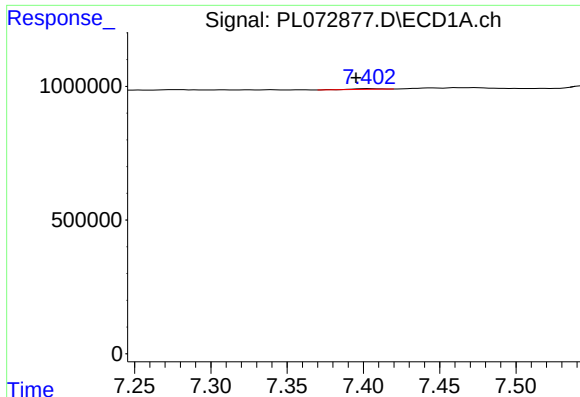
#8 Heptachlor epoxide

R.T.: 6.984 min  
Delta R.T.: -0.010 min  
Response: 18089  
Conc: 0.03 ng/ml



#8 Heptachlor epoxide

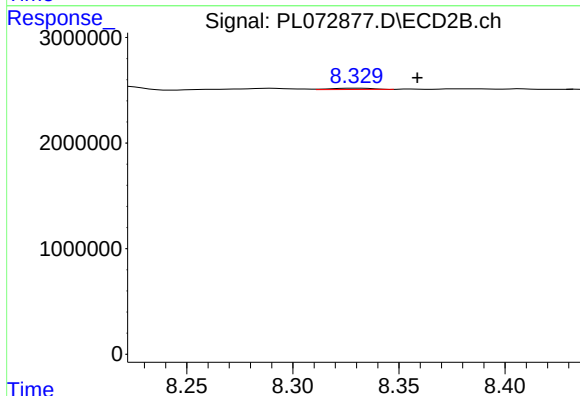
R.T.: 0.000 min  
Exp R.T. : 7.954 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

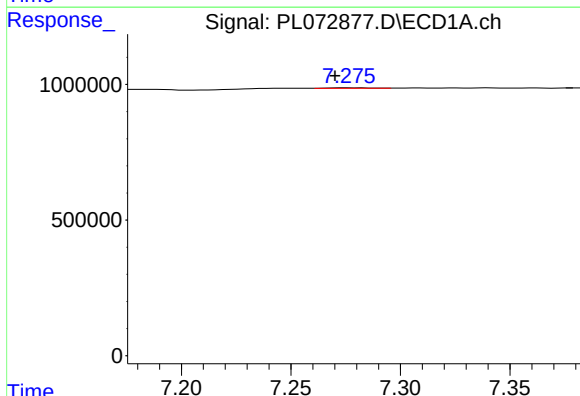
R.T.: 7.404 min  
Delta R.T.: 0.009 min  
Response: 31746  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



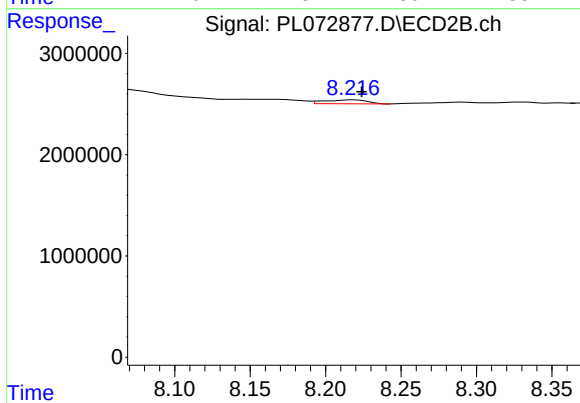
#9 Endosulfan I

R.T.: 8.330 min  
Delta R.T.: -0.028 min  
Response: 170403  
Conc: 0.10 ng/ml



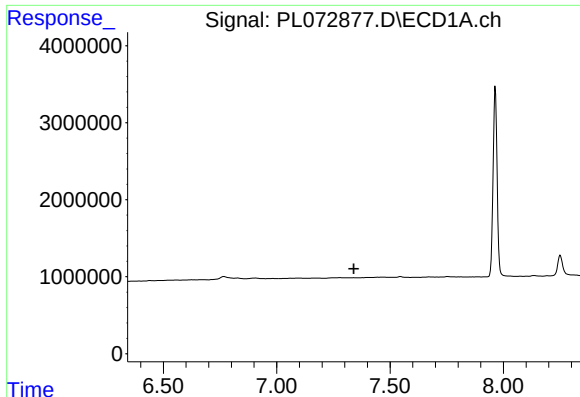
#10 gamma-Chlordane

R.T.: 7.277 min  
Delta R.T.: 0.006 min  
Response: 26514  
Conc: 0.04 ng/ml



#10 gamma-Chlordane

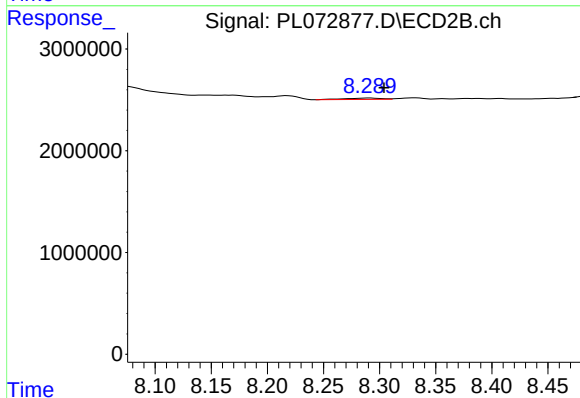
R.T.: 8.218 min  
Delta R.T.: -0.006 min  
Response: 758110  
Conc: 0.39 ng/ml



#11 alpha-Chlordane

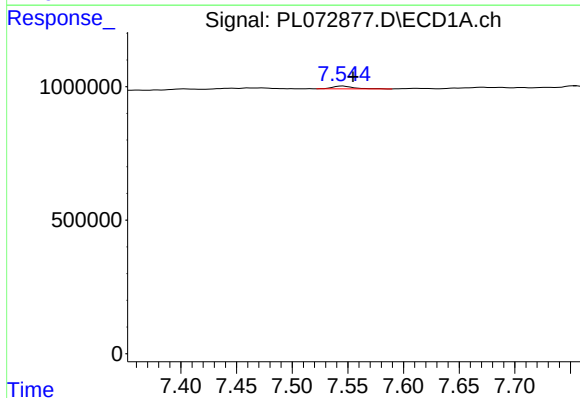
R.T.: 0.000 min  
Exp R.T.: 7.340 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



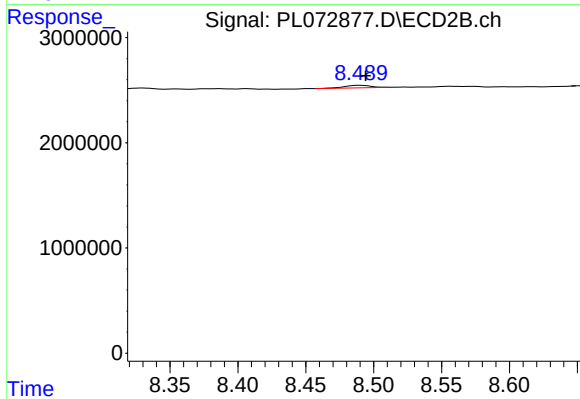
#11 alpha-Chlordane

R.T.: 8.290 min  
Delta R.T.: -0.014 min  
Response: 315417  
Conc: 0.17 ng/ml



#12 4,4'-DDE

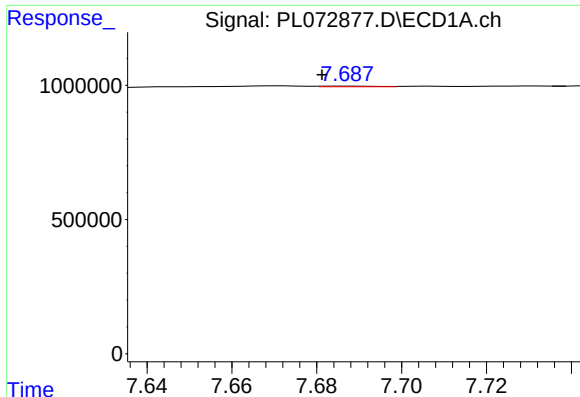
R.T.: 7.545 min  
Delta R.T.: -0.009 min  
Response: 127388  
Conc: 0.21 ng/ml



#12 4,4'-DDE

R.T.: 8.491 min  
Delta R.T.: -0.004 min  
Response: 314795  
Conc: 0.17 ng/ml

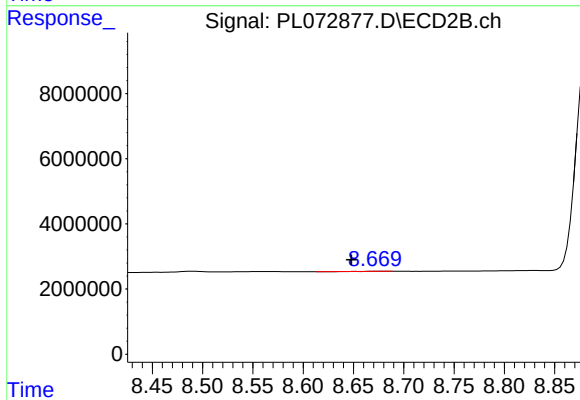




#13 Dieldrin

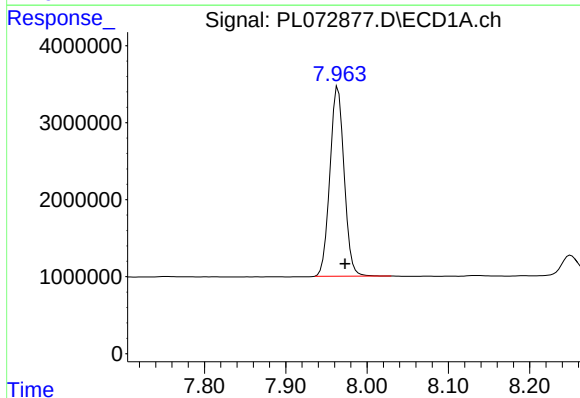
R.T.: 7.688 min  
Delta R.T.: 0.006 min  
Response: 22816  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



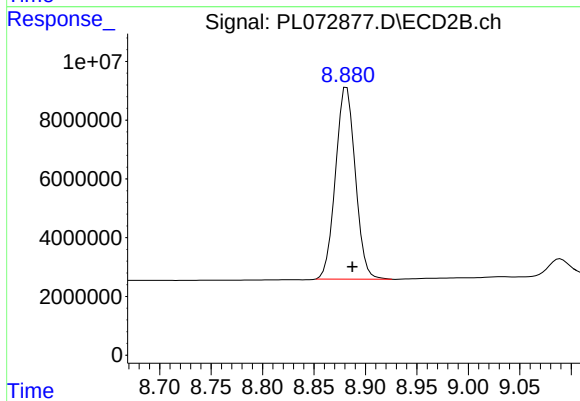
#13 Dieldrin

R.T.: 8.672 min  
Delta R.T.: 0.024 min  
Response: 12387  
Conc: 0.01 ng/ml



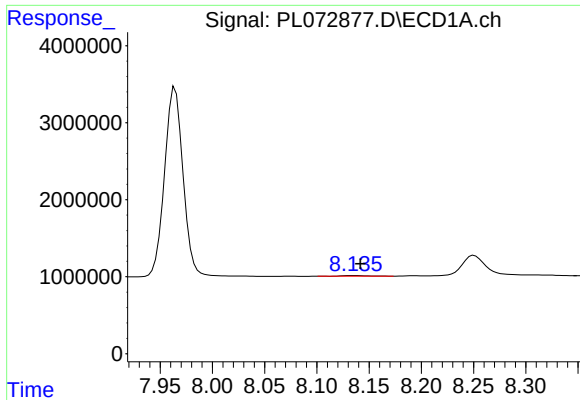
#14 Endrin

R.T.: 7.964 min  
Delta R.T.: -0.008 min  
Response: 30056206  
Conc: 51.31 ng/ml



#14 Endrin

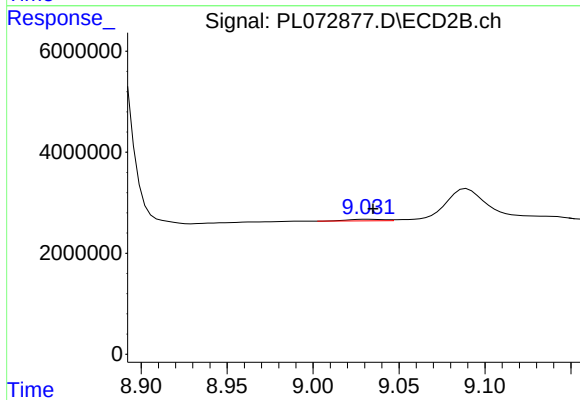
R.T.: 8.882 min  
Delta R.T.: -0.005 min  
Response: 87476900  
Conc: 55.52 ng/ml



#16 4,4'-DDD

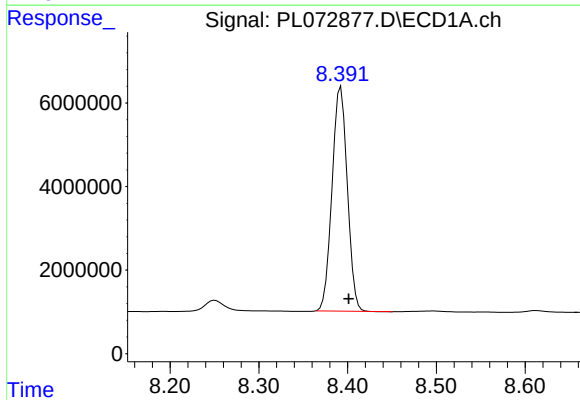
R.T.: 8.136 min  
Delta R.T.: -0.006 min  
Response: 121299  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



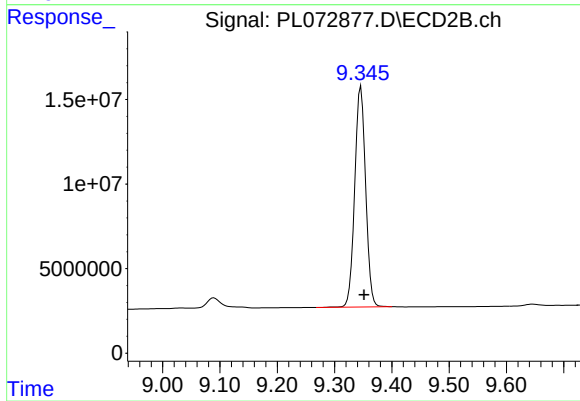
#16 4,4'-DDD

R.T.: 9.032 min  
Delta R.T.: -0.003 min  
Response: 437721  
Conc: 0.32 ng/ml



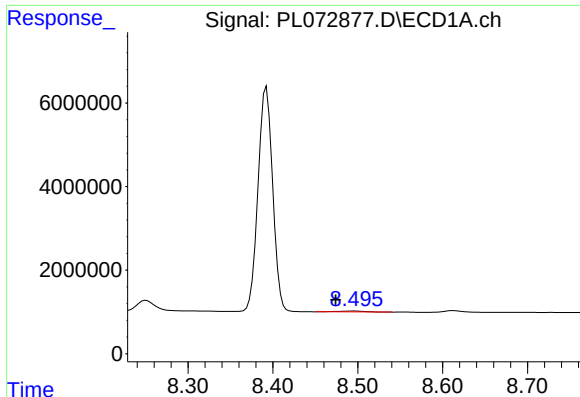
#17 4,4'-DDT

R.T.: 8.392 min  
Delta R.T.: -0.009 min  
Response: 64188260  
Conc: 119.29 ng/ml



#17 4,4'-DDT

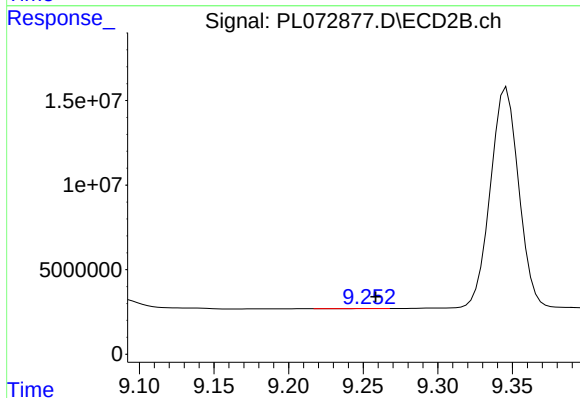
R.T.: 9.346 min  
Delta R.T.: -0.005 min  
Response: 172873789  
Conc: 112.93 ng/ml



#18 Endrin aldehyde

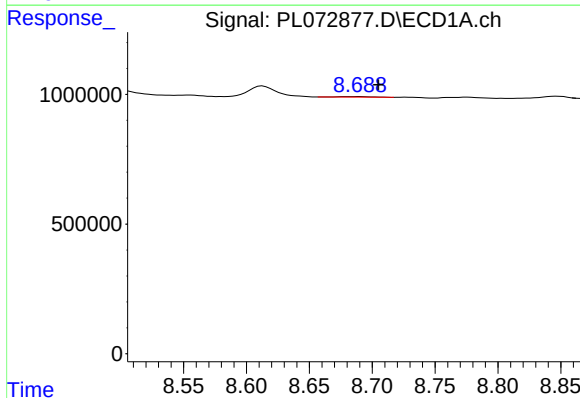
R.T.: 8.497 min  
Delta R.T.: 0.023 min  
Response: 456959  
Conc: 1.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



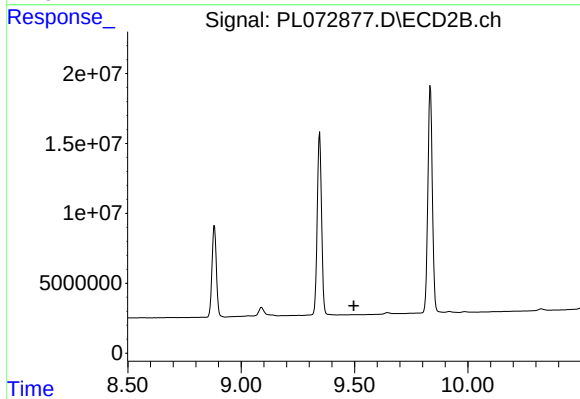
#18 Endrin aldehyde

R.T.: 9.254 min  
Delta R.T.: -0.004 min  
Response: 89704  
Conc: 0.08 ng/ml



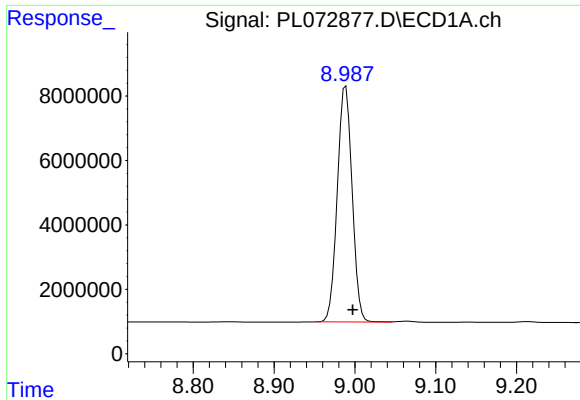
#19 Endosulfan Sulfate

R.T.: 8.690 min  
Delta R.T.: -0.015 min  
Response: 42963  
Conc: 0.07 ng/ml



#19 Endosulfan Sulfate

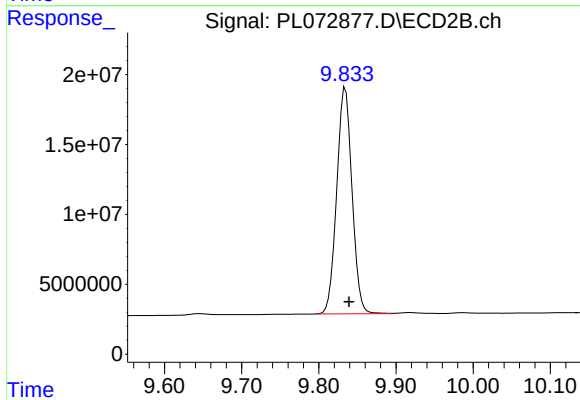
R.T.: 0.000 min  
Exp R.T. : 9.497 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

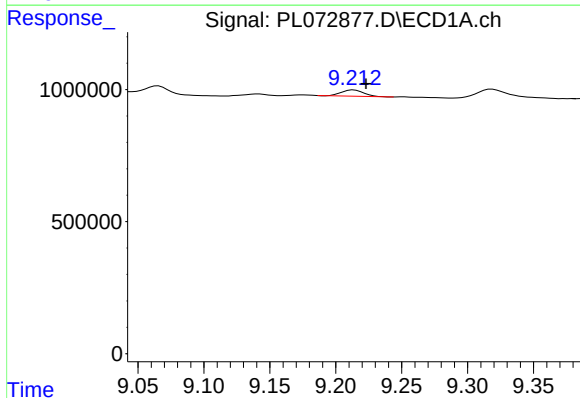
R.T.: 8.989 min  
Delta R.T.: -0.009 min  
Response: 93120696  
Conc: 264.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



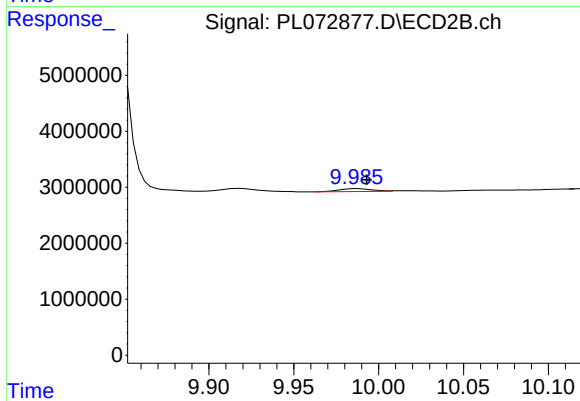
#20 Methoxychlor

R.T.: 9.835 min  
Delta R.T.: -0.005 min  
Response: 223496813  
Conc: 276.04 ng/ml



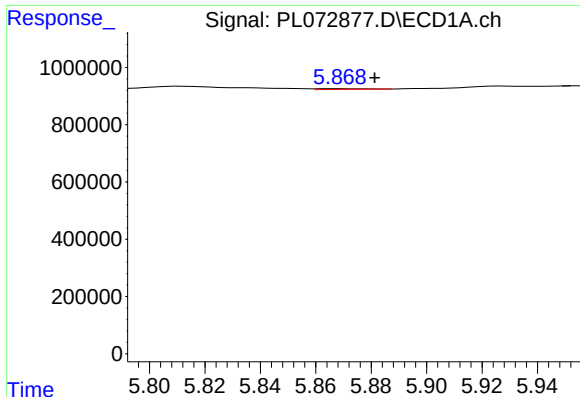
#21 Endrin ketone

R.T.: 9.214 min  
Delta R.T.: -0.009 min  
Response: 275594  
Conc: 0.40 ng/ml



#21 Endrin ketone

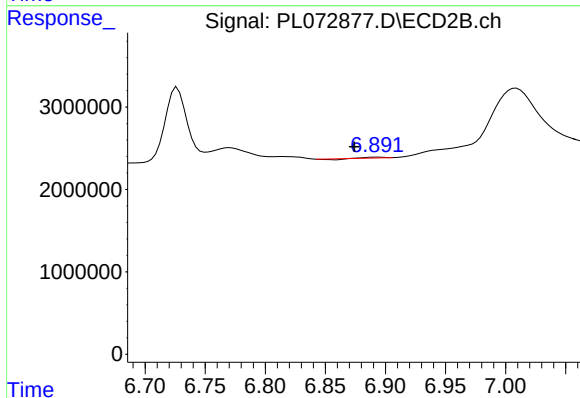
R.T.: 9.987 min  
Delta R.T.: -0.005 min  
Response: 685695  
Conc: 0.43 ng/ml



#23 Chlordane-1

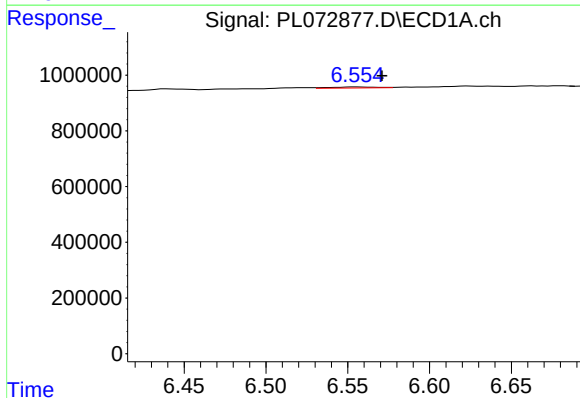
R.T.: 5.868 min  
Delta R.T.: -0.013 min  
Response: 32583  
Conc: 1.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



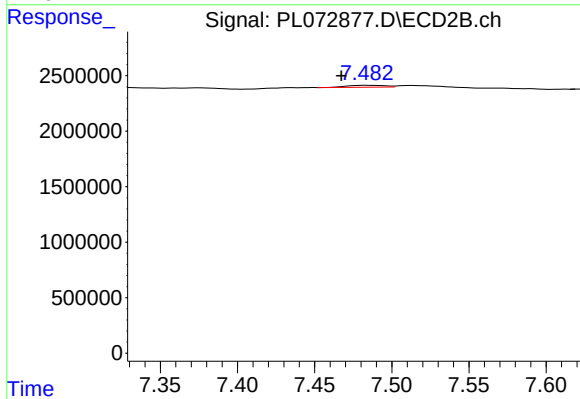
#23 Chlordane-1

R.T.: 6.893 min  
Delta R.T.: 0.019 min  
Response: 34799  
Conc: 0.49 ng/ml



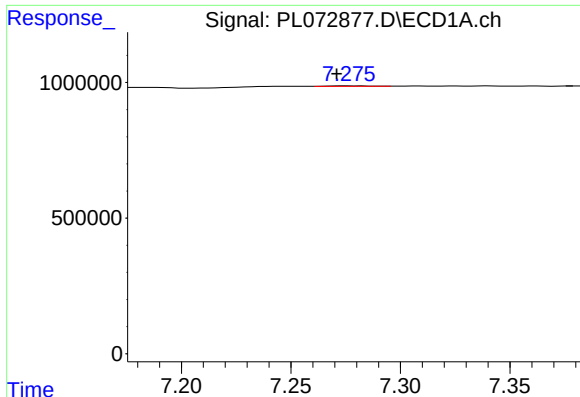
#24 Chlordane-2

R.T.: 6.555 min  
Delta R.T.: -0.016 min  
Response: 73456  
Conc: 2.90 ng/ml



#24 Chlordane-2

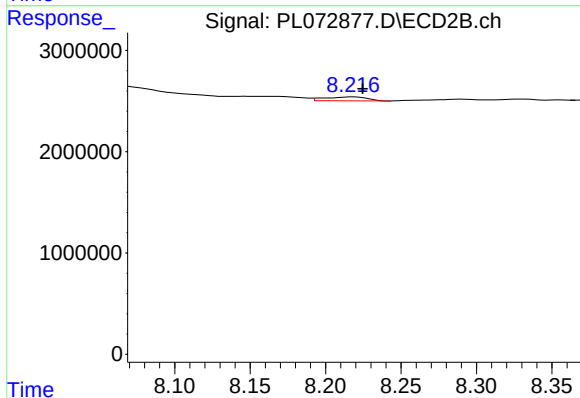
R.T.: 7.483 min  
Delta R.T.: 0.016 min  
Response: 302770  
Conc: 3.93 ng/ml



#25 Chlordane-3

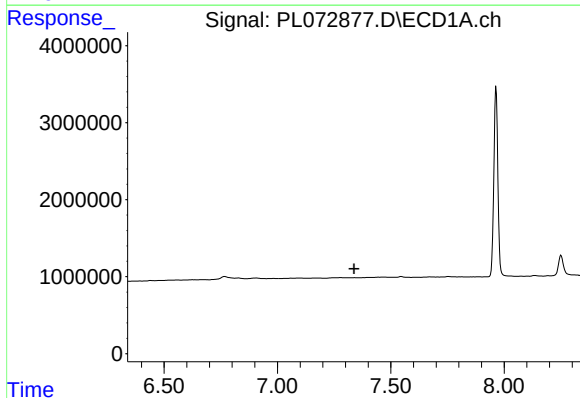
R.T.: 7.277 min  
Delta R.T.: 0.006 min  
Response: 26514  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



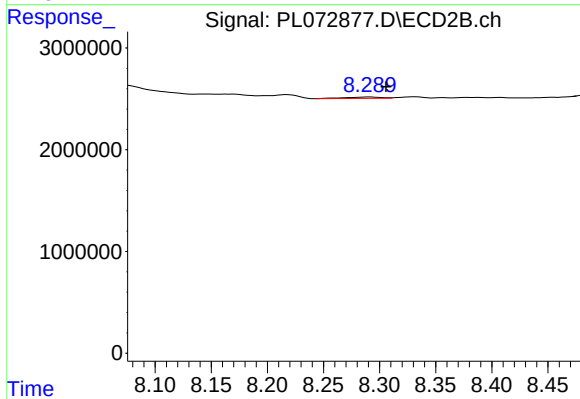
#25 Chlordane-3

R.T.: 8.218 min  
Delta R.T.: -0.007 min  
Response: 758110  
Conc: 2.54 ng/ml



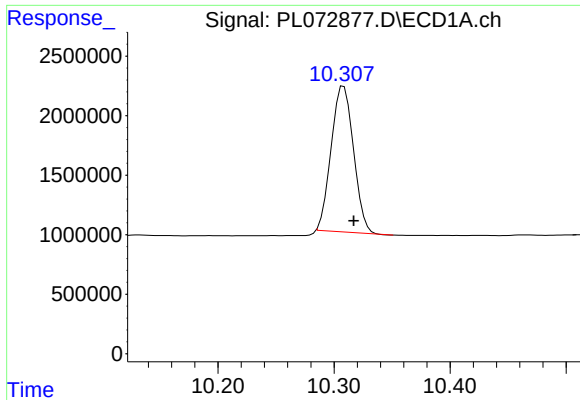
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 7.339 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

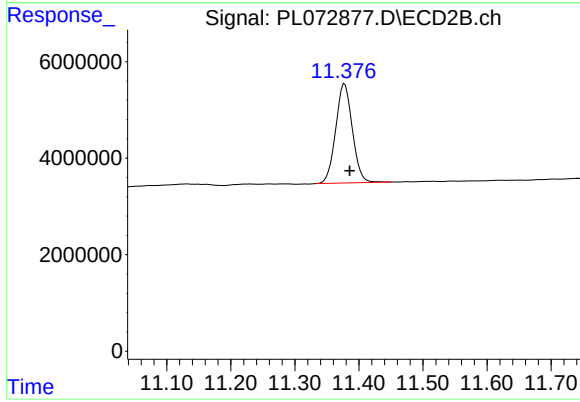
R.T.: 8.290 min  
Delta R.T.: -0.015 min  
Response: 315417  
Conc: 0.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.308 min  
Delta R.T.: -0.009 min  
Response: 16345436  
Conc: 21.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.378 min  
Delta R.T.: -0.008 min  
Response: 37096106  
Conc: 23.39 ng/ml