

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060321\  
 Data File : PL067043.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jun 2021 14:24  
 Operator : AR\AJ  
 Sample : M2580-06  
 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: Jun 04 02:35:52 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 02 14:20:39 2021  
 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... | 4.480  | 5.531  | 6179726  | 9396492  | 15.091   | 14.525    |
| 28)                         | SA Decachlor... | 10.222 | 11.428 | 9297916  | 11547415 | 14.379   | 13.840    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 0.000  | 6.110  | 0        | 3200461  | N.D.     | 4.054 #   |
| 3)                          | MA gamma-BHC... | 5.620f | 6.523  | 1006839  | 426489   | 1.808    | 0.563 #   |
| 4)                          | MA Heptachlor   | 6.010  | 0.000  | 329730   | 0        | 0.628    | N.D. #    |
| 5)                          | MB Aldrin       | 0.000  | 7.502f | 0        | 29976296 | N.D.     | 41.041 #  |
| 6)                          | B beta-BHC      | 6.010f | 0.000  | 329730   | 0        | 1.238    | N.D. #    |
| 7)                          | B delta-BHC     | 6.247  | 0.000  | 4322226  | 0        | 8.147    | N.D. #    |
| 8)                          | B Heptachlo...  | 6.910  | 7.979  | -350682  | 5742170  | N.D.     | 8.224     |
| 9)                          | A Endosulfan I  | 7.297  | 0.000  | 1107911  | 0        | 2.107    | N.D. #    |
| 10)                         | B gamma-Chl...  | 7.184  | 8.260  | 23531257 | 43624423 | 41.069   | 61.428 #  |
| 11)                         | B alpha-Chl...  | 7.250  | 8.342  | 46132094 | 111.1E6  | 80.230   | 156.364 # |
| 12)                         | B 4,4'-DDE      | 7.470  | 8.528  | 4511130  | 5072428  | 8.449    | 7.760     |
| 14)                         | MA Endrin       | 7.898f | 8.923  | 869571   | 1254263  | 1.679    | 2.221 #   |
| 15)                         | B Endosulfa...  | 8.190  | 0.000  | 2346409  | 0        | 4.529    | N.D. #    |
| 16)                         | A 4,4'-DDD      | 8.051  | 9.070  | 558656   | 3757394  | 1.233    | 6.953 #   |
| 17)                         | MA 4,4'-DDT     | 8.305  | 0.000  | 2144951  | 0        | 4.653    | N.D. #    |
| 18)                         | B Endrin al...  | 8.355f | 0.000  | 605726   | 0        | 1.316    | N.D. #    |
| 19)                         | B Endosulfa...  | 8.614  | 0.000  | 493382   | 0        | 0.893    | N.D. #    |
| 23)                         | Chlordane-1     | 5.800  | 6.913  | 33183644 | 41692441 | 2176.062 | 2034.371  |
| 24)                         | Chlordane-2     | 6.487  | 7.502  | 23381105 | 29976296 | 1069.956 | 1017.969  |
| 25)                         | Chlordane-3     | 7.184  | 8.260  | 23531257 | 43624423 | 403.925  | 416.732   |
| 26)                         | Chlordane-4     | 7.250  | 8.342  | 46132094 | 111.1E6  | 722.718  | 871.442   |
| 27)                         | Chlordane-5     | 8.190  | 9.227  | 2346409  | 2225557  | 124.354  | 91.789 #  |
| -----                       |                 |        |        |          |          |          |           |

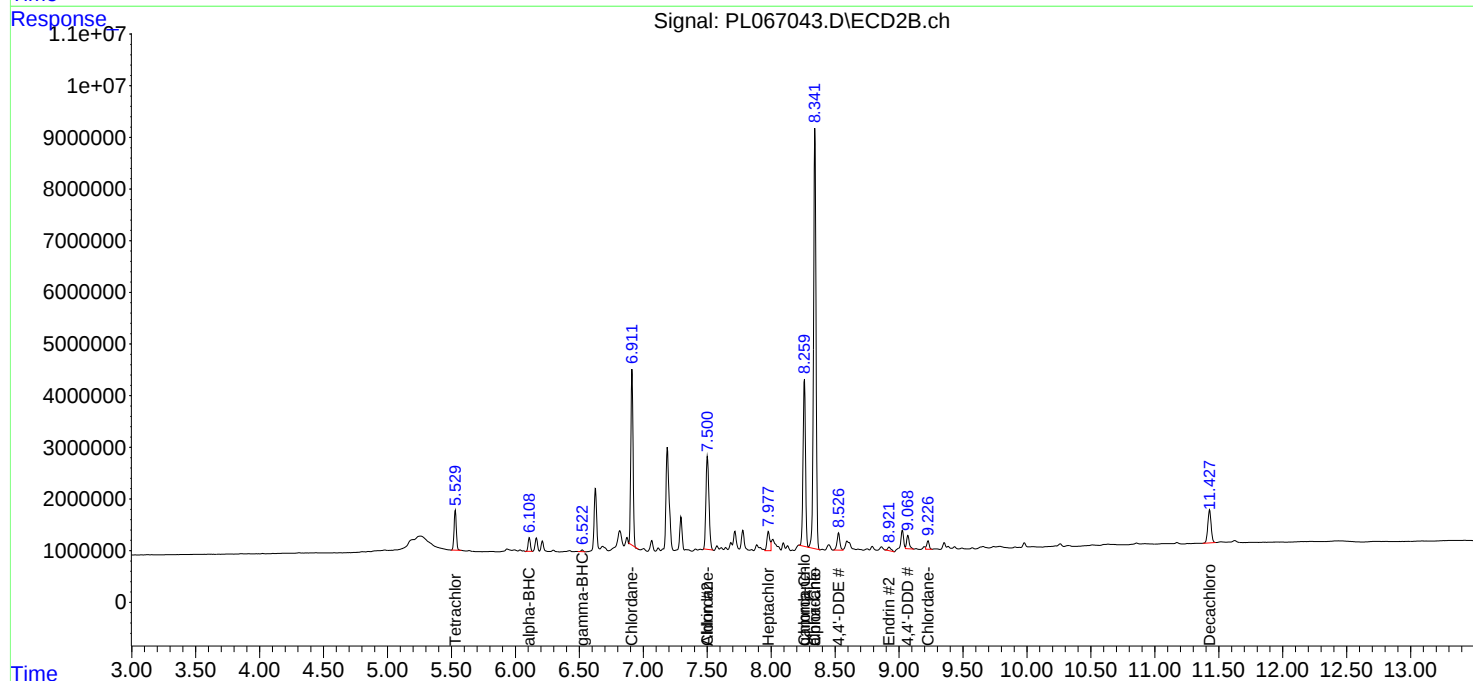
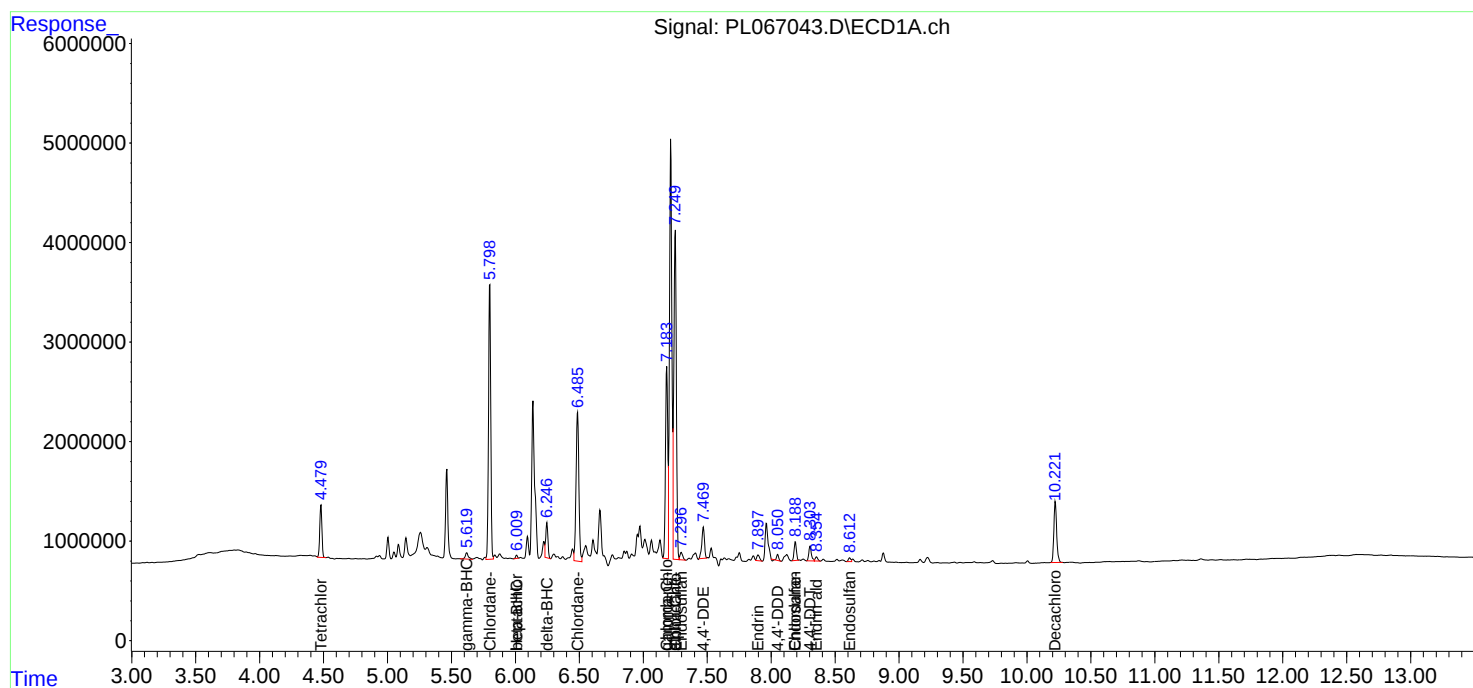
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

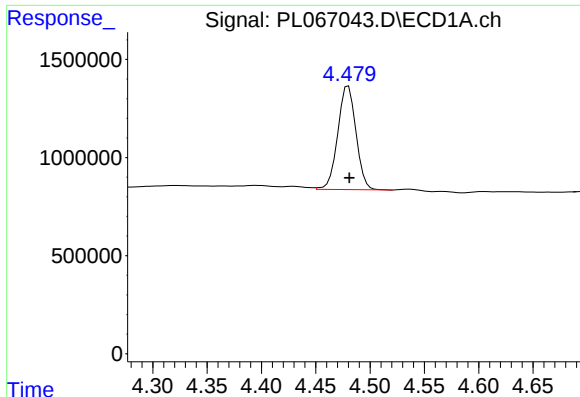
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060321\  
Data File : PL067043.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jun 2021 14:24  
Operator : AR\AJ  
Sample : M2580-06  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 04 02:35:52 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060121.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 02 14:20:39 2021  
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

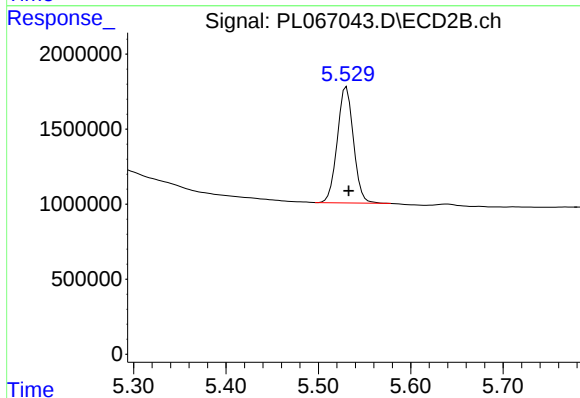




#1 Tetrachloro-m-xylene

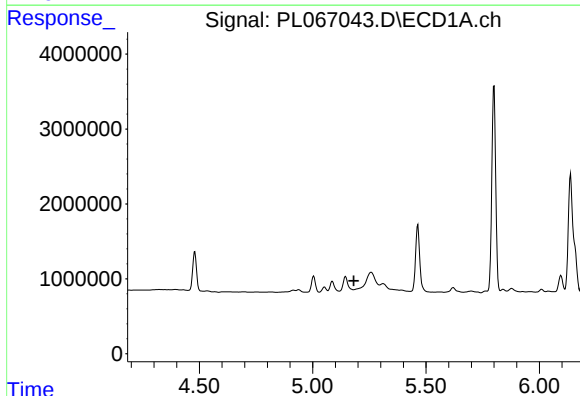
R.T.: 4.480 min  
Delta R.T.: -0.001 min  
Response: 6179726  
Conc: 15.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



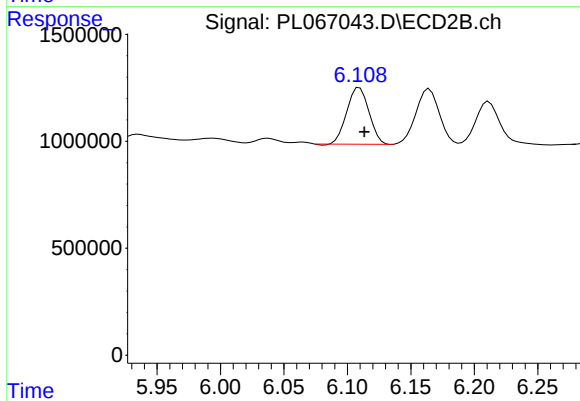
#1 Tetrachloro-m-xylene

R.T.: 5.531 min  
Delta R.T.: -0.002 min  
Response: 9396492  
Conc: 14.53 ng/ml



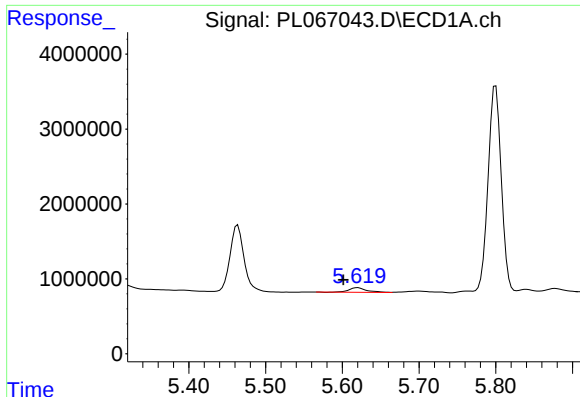
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 5.182 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

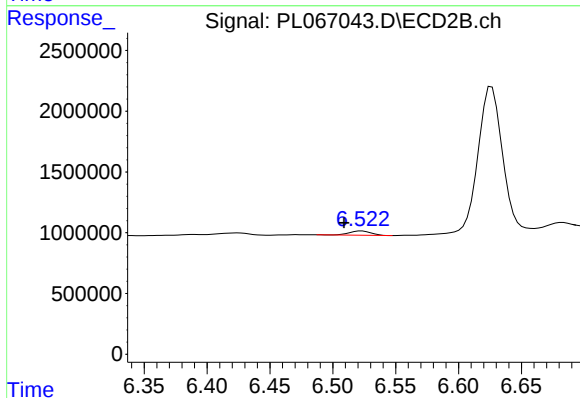
R.T.: 6.110 min  
Delta R.T.: -0.004 min  
Response: 3200461  
Conc: 4.05 ng/ml



#3 gamma-BHC (Lindane)

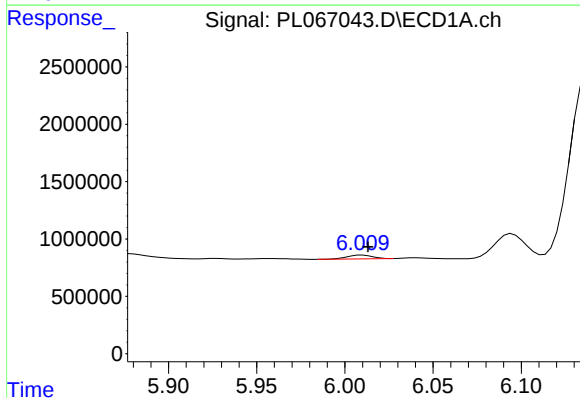
R.T.: 5.620 min  
Delta R.T.: 0.019 min  
Response: 1006839  
Conc: 1.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



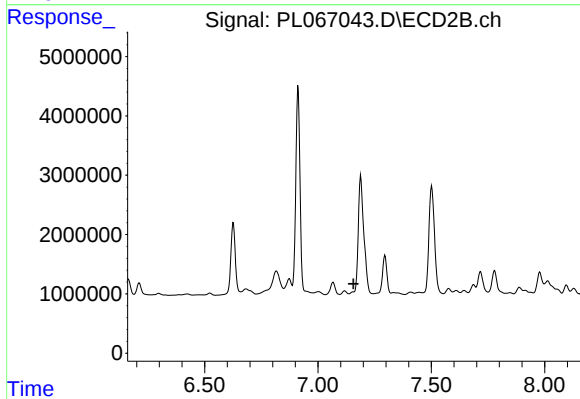
#3 gamma-BHC (Lindane)

R.T.: 6.523 min  
Delta R.T.: 0.014 min  
Response: 426489  
Conc: 0.56 ng/ml



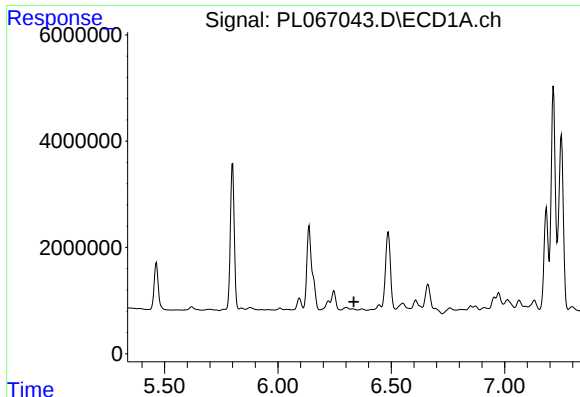
#4 Heptachlor

R.T.: 6.010 min  
Delta R.T.: -0.003 min  
Response: 329730  
Conc: 0.63 ng/ml



#4 Heptachlor

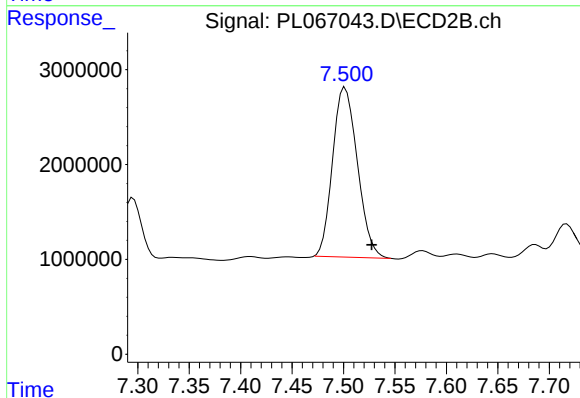
R.T.: 0.000 min  
Exp R.T.: 7.157 min  
Response: 0  
Conc: N.D.



#5 Aldrin

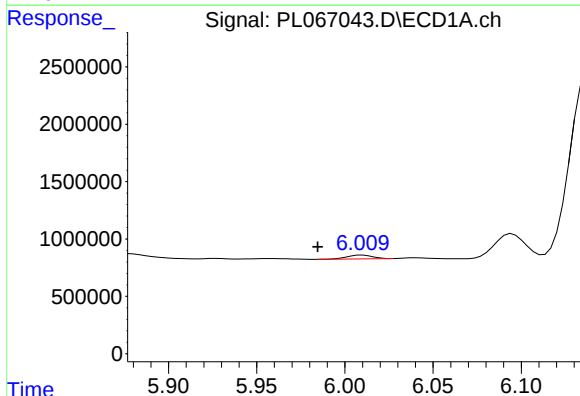
R.T.: 0.000 min  
Exp R.T.: 6.335 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



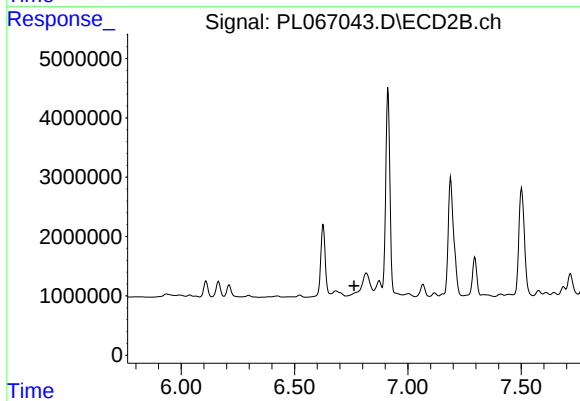
#5 Aldrin

R.T.: 7.502 min  
Delta R.T.: -0.026 min  
Response: 29976296  
Conc: 41.04 ng/ml



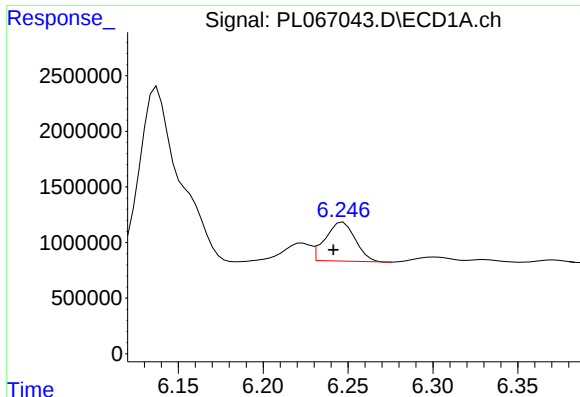
#6 beta-BHC

R.T.: 6.010 min  
Delta R.T.: 0.025 min  
Response: 329730  
Conc: 1.24 ng/ml



#6 beta-BHC

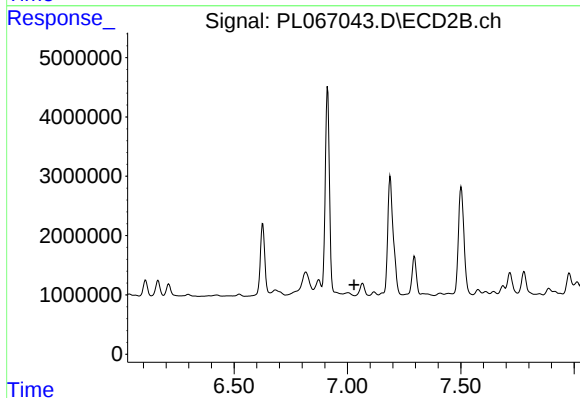
R.T.: 0.000 min  
Exp R.T.: 6.763 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

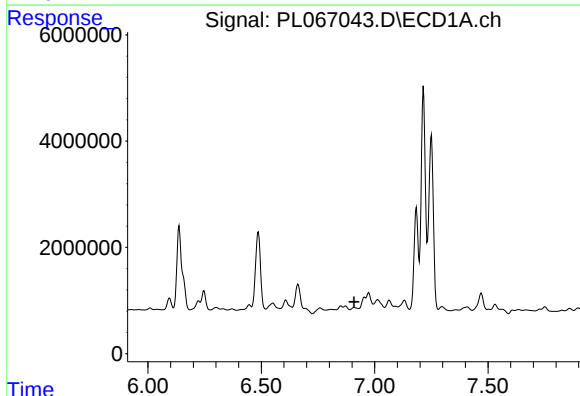
R.T.: 6.247 min  
Delta R.T.: 0.006 min  
Response: 4322226  
Conc: 8.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



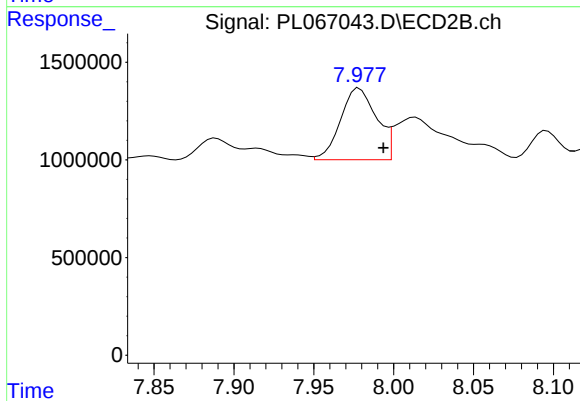
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 7.030 min  
Response: 0  
Conc: N.D.



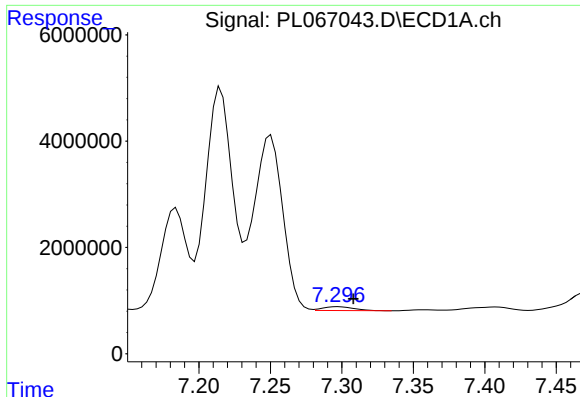
#8 Heptachlor epoxide

R.T.: 6.910 min  
Delta R.T.: 0.000 min  
Response: -350682  
Conc: N.D.



#8 Heptachlor epoxide

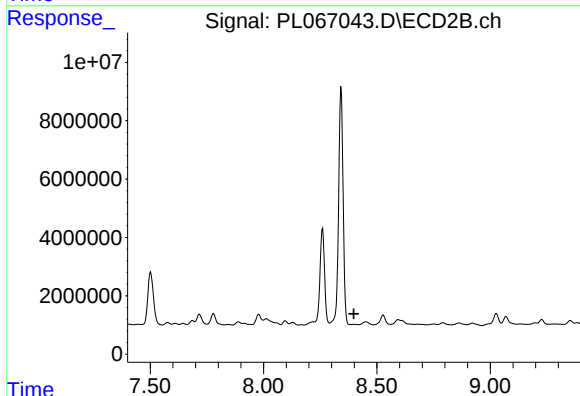
R.T.: 7.979 min  
Delta R.T.: -0.015 min  
Response: 5742170  
Conc: 8.22 ng/ml



#9 Endosulfan I

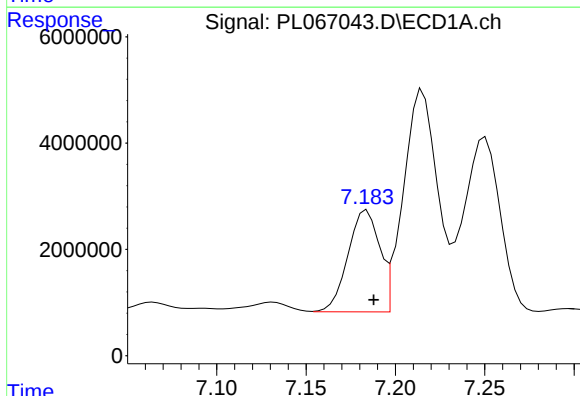
R.T.: 7.297 min  
Delta R.T.: -0.011 min  
Response: 1107911  
Conc: 2.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



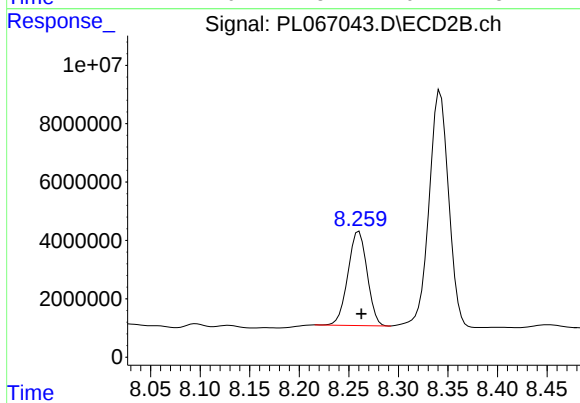
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 8.399 min  
Response: 0  
Conc: N.D.



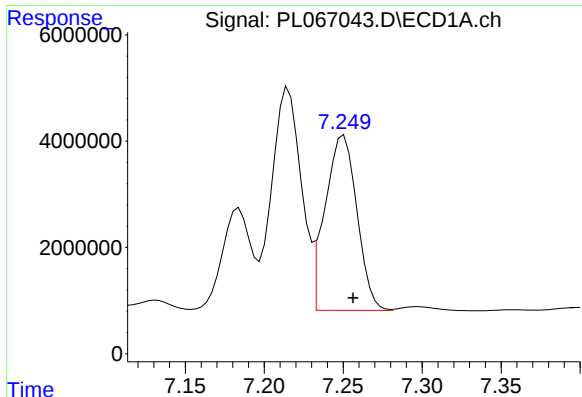
#10 gamma-Chlordane

R.T.: 7.184 min  
Delta R.T.: -0.004 min  
Response: 23531257  
Conc: 41.07 ng/ml



#10 gamma-Chlordane

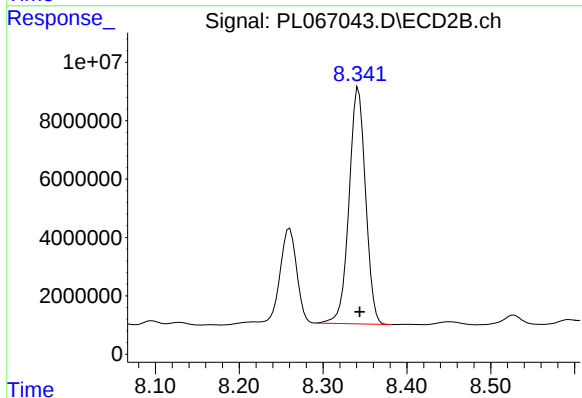
R.T.: 8.260 min  
Delta R.T.: -0.003 min  
Response: 43624423  
Conc: 61.43 ng/ml



#11 alpha-Chlordane

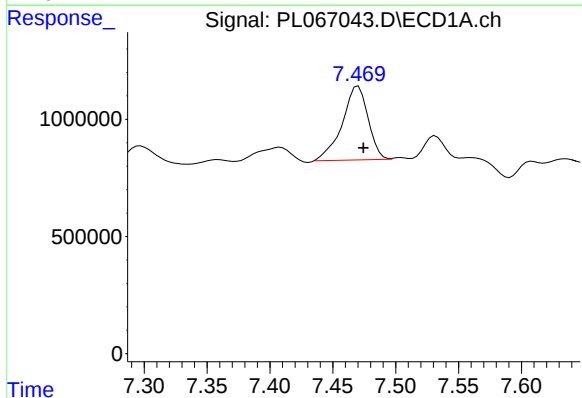
R.T.: 7.250 min  
Delta R.T.: -0.006 min  
Response: 46132094  
Conc: 80.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



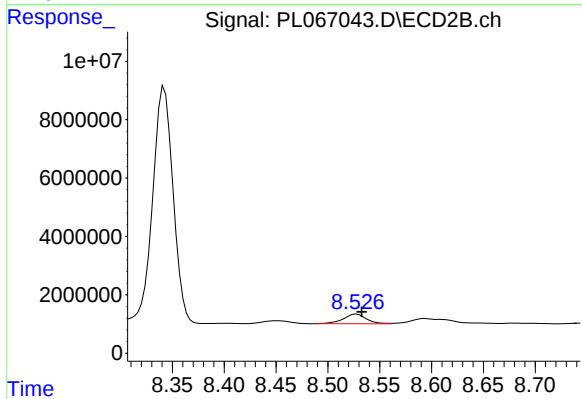
#11 alpha-Chlordane

R.T.: 8.342 min  
Delta R.T.: -0.002 min  
Response: 111078403  
Conc: 156.36 ng/ml



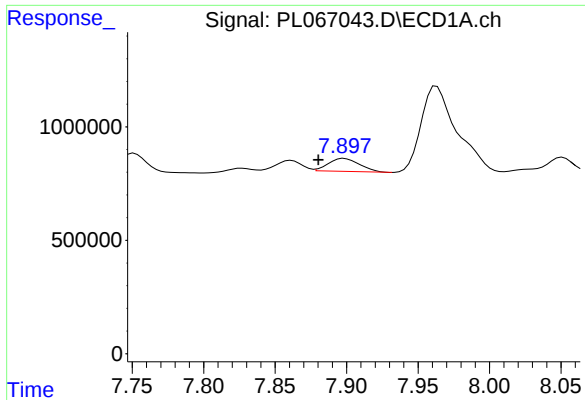
#12 4,4'-DDE

R.T.: 7.470 min  
Delta R.T.: -0.004 min  
Response: 4511130  
Conc: 8.45 ng/ml



#12 4,4'-DDE

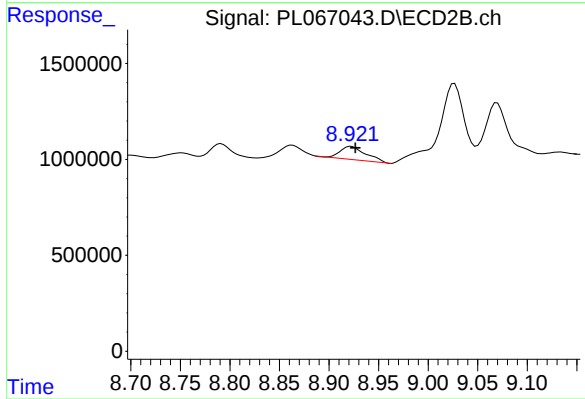
R.T.: 8.528 min  
Delta R.T.: -0.005 min  
Response: 5072428  
Conc: 7.76 ng/ml



#14 Endrin

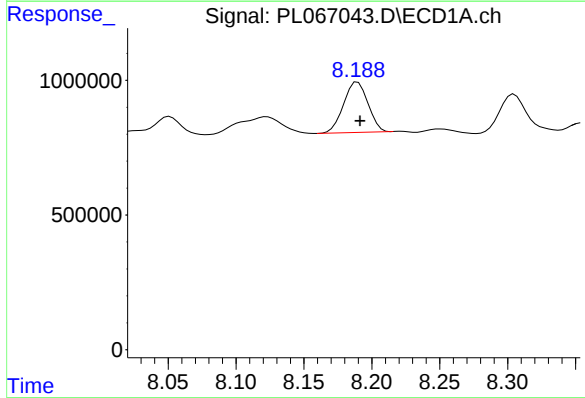
R.T.: 7.898 min  
Delta R.T.: 0.018 min  
Response: 869571  
Conc: 1.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



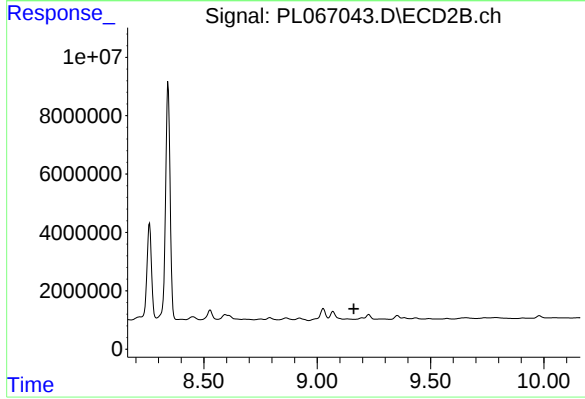
#14 Endrin

R.T.: 8.923 min  
Delta R.T.: -0.004 min  
Response: 1254263  
Conc: 2.22 ng/ml



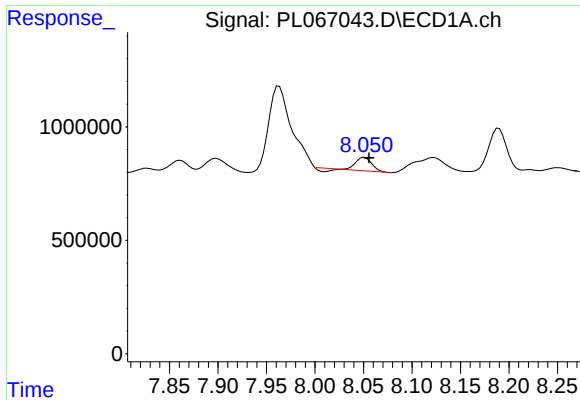
#15 Endosulfan II

R.T.: 8.190 min  
Delta R.T.: -0.002 min  
Response: 2346409  
Conc: 4.53 ng/ml



#15 Endosulfan II

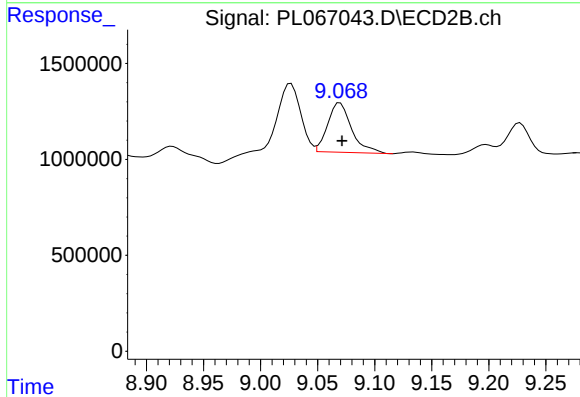
R.T.: 0.000 min  
Exp R.T.: 9.161 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

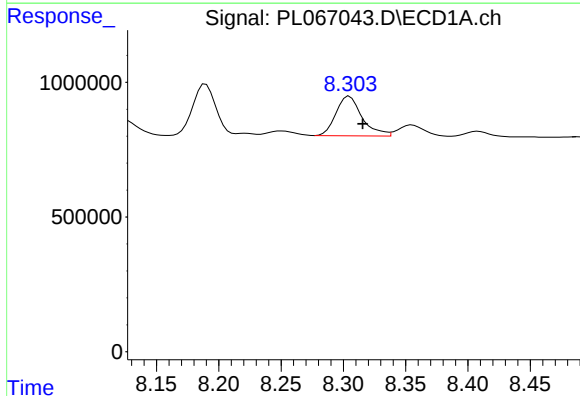
R.T.: 8.051 min  
Delta R.T.: -0.005 min  
Response: 558656  
Conc: 1.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



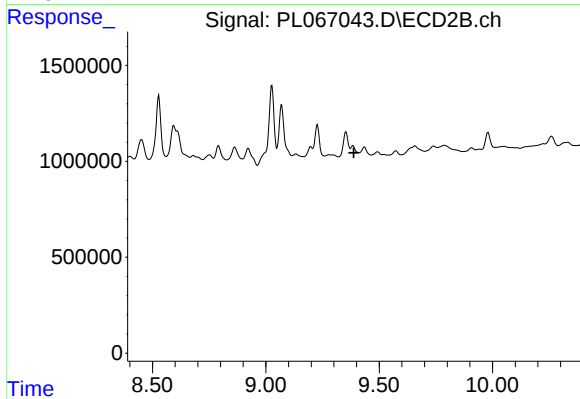
#16 4,4'-DDD

R.T.: 9.070 min  
Delta R.T.: -0.002 min  
Response: 3757394  
Conc: 6.95 ng/ml



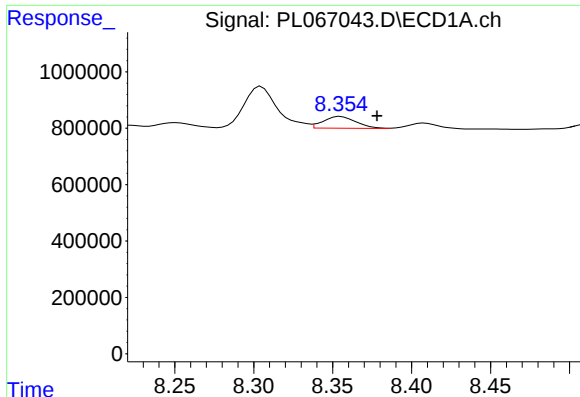
#17 4,4'-DDT

R.T.: 8.305 min  
Delta R.T.: -0.011 min  
Response: 2144951  
Conc: 4.65 ng/ml



#17 4,4'-DDT

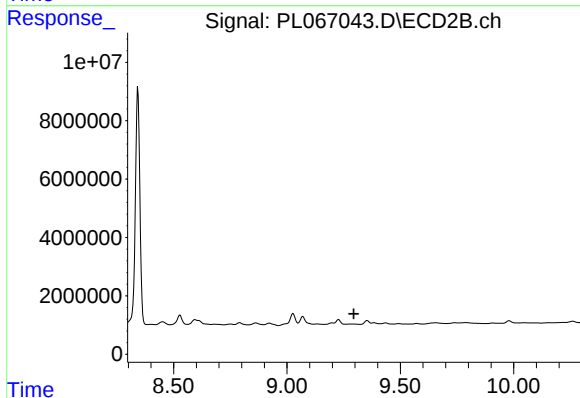
R.T.: 0.000 min  
Exp R.T.: 9.389 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

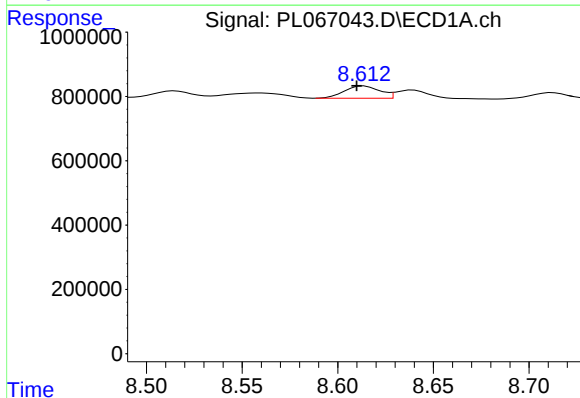
R.T.: 8.355 min  
Delta R.T.: -0.023 min  
Response: 605726  
Conc: 1.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



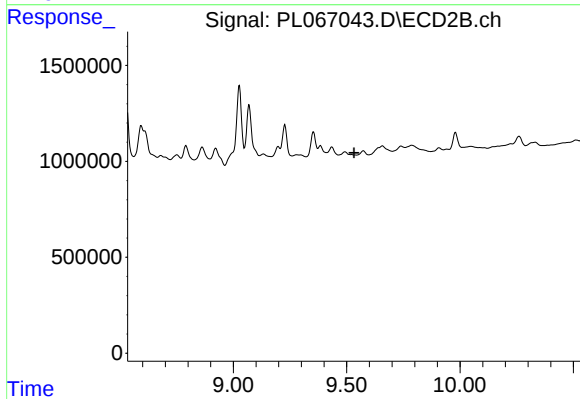
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 9.295 min  
Response: 0  
Conc: N.D.



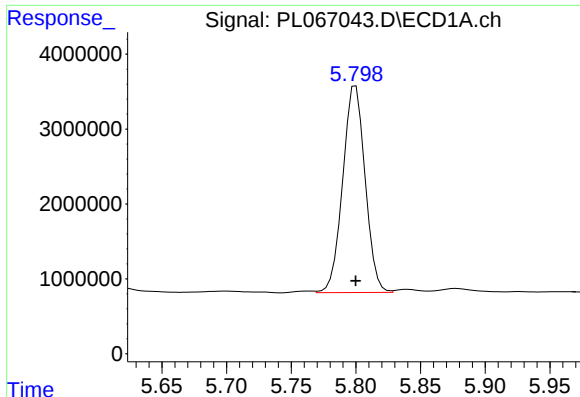
#19 Endosulfan Sulfate

R.T.: 8.614 min  
Delta R.T.: 0.004 min  
Response: 493382  
Conc: 0.89 ng/ml



#19 Endosulfan Sulfate

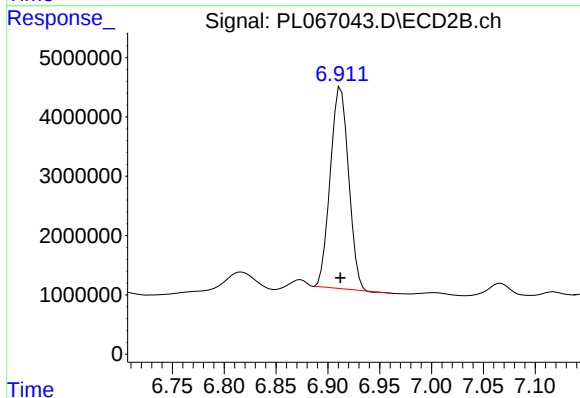
R.T.: 0.000 min  
Exp R.T. : 9.533 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

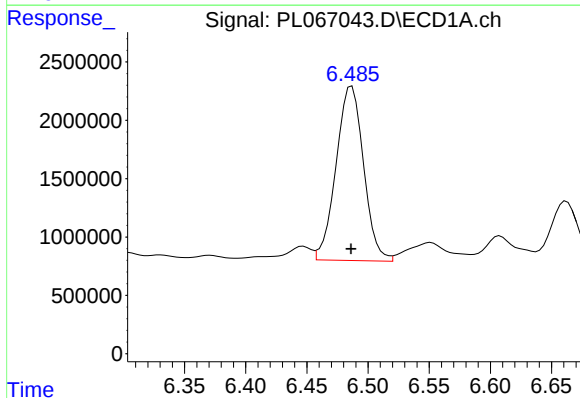
R.T.: 5.800 min  
Delta R.T.: 0.000 min  
Response: 33183644  
Conc: 2176.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



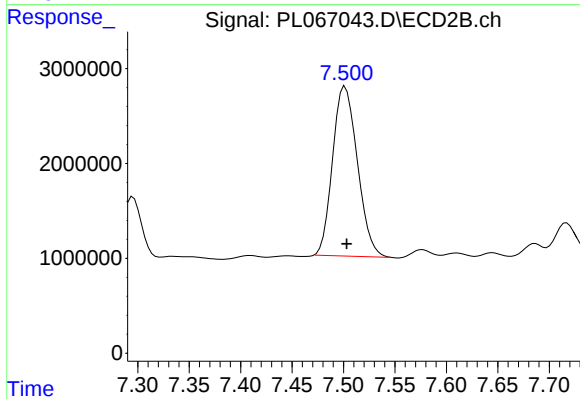
#23 Chlordane-1

R.T.: 6.913 min  
Delta R.T.: 0.000 min  
Response: 41692441  
Conc: 2034.37 ng/ml



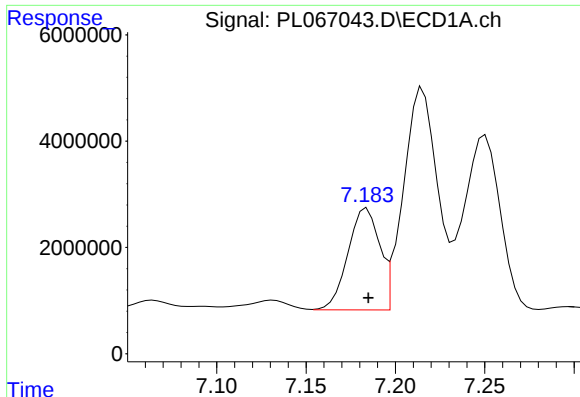
#24 Chlordane-2

R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 23381105  
Conc: 1069.96 ng/ml



#24 Chlordane-2

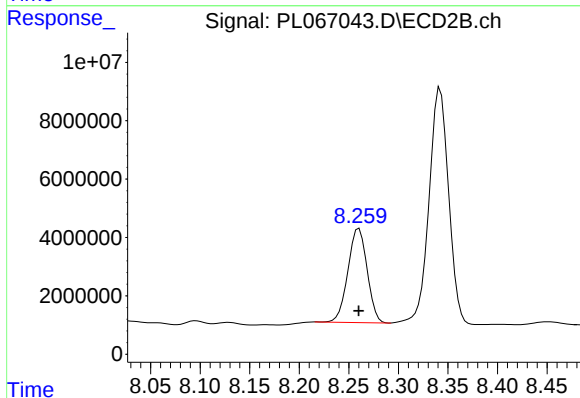
R.T.: 7.502 min  
Delta R.T.: -0.002 min  
Response: 29976296  
Conc: 1017.97 ng/ml



#25 Chlordane-3

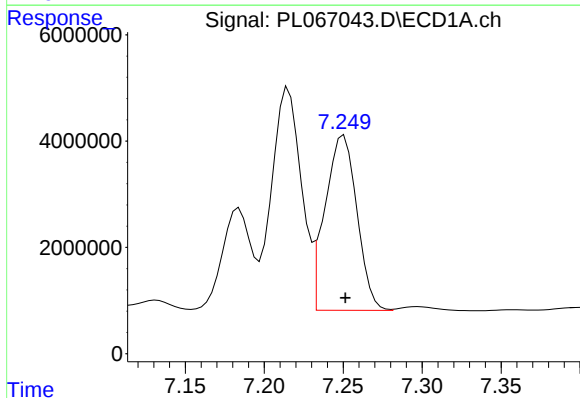
R.T.: 7.184 min  
Delta R.T.: 0.000 min  
Response: 23531257  
Conc: 403.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



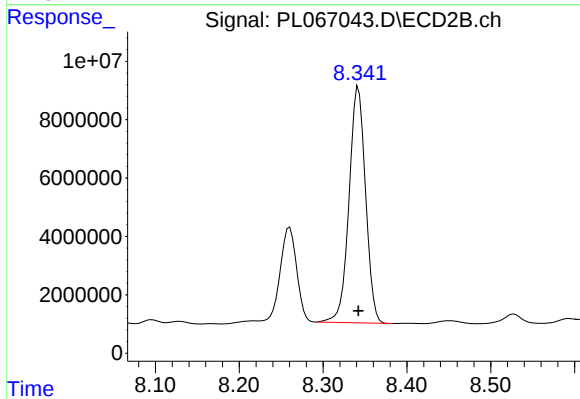
#25 Chlordane-3

R.T.: 8.260 min  
Delta R.T.: 0.000 min  
Response: 43624423  
Conc: 416.73 ng/ml



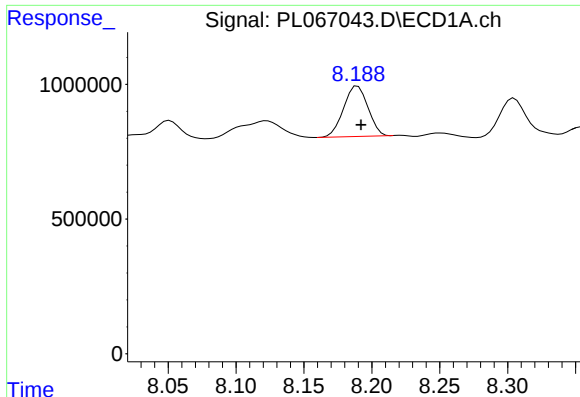
#26 Chlordane-4

R.T.: 7.250 min  
Delta R.T.: 0.000 min  
Response: 46132094  
Conc: 722.72 ng/ml



#26 Chlordane-4

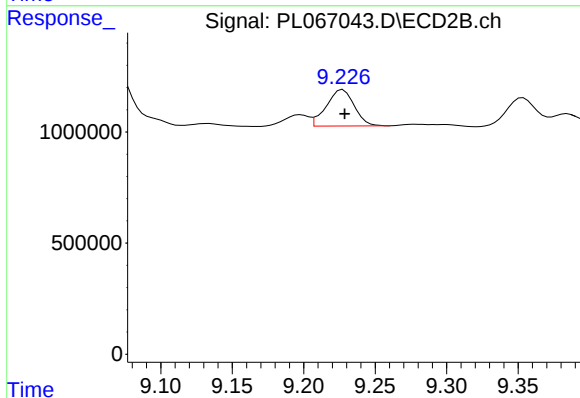
R.T.: 8.342 min  
Delta R.T.: 0.000 min  
Response: 111078403  
Conc: 871.44 ng/ml



#27 Chlordane-5

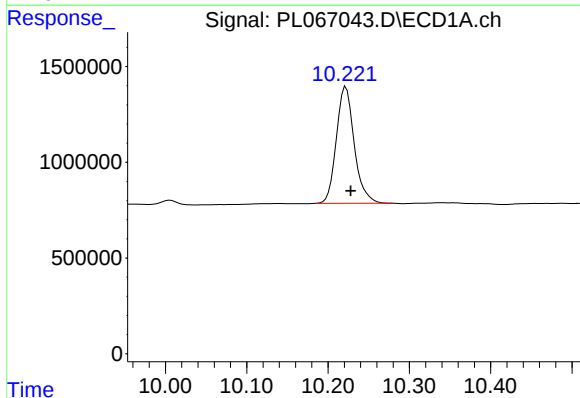
R.T.: 8.190 min  
Delta R.T.: -0.002 min  
Response: 2346409  
Conc: 124.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



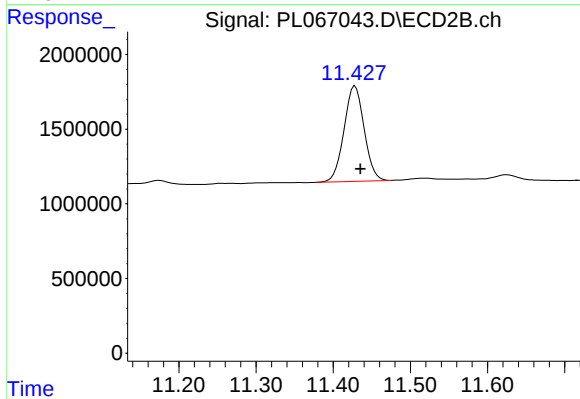
#27 Chlordane-5

R.T.: 9.227 min  
Delta R.T.: -0.001 min  
Response: 2225557  
Conc: 91.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.222 min  
Delta R.T.: -0.006 min  
Response: 9297916  
Conc: 14.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.428 min  
Delta R.T.: -0.007 min  
Response: 11547415  
Conc: 13.84 ng/ml