

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022222\  
 Data File : PL072906.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Feb 2022 21:11  
 Operator : AR\AJ  
 Sample : N1627-03  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 05:39:02 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... | 4.551  | 5.490   | 8832265 | 36050510 | 18.343 | 20.870  |
| 28)                         | SA Decachlor... | 10.312 | 11.380  | 9101117 | 19863650 | 12.022 | 12.526  |
| Target Compounds            |                 |        |         |         |          |        |         |
| 2)                          | A alpha-BHC     | 5.253  | 6.048f  | 436046  | 854273   | 0.661  | 0.357 # |
| 3)                          | MA gamma-BHC... | 5.702f | 6.477   | -146214 | 1418124  | N.D.   | 0.616   |
| 4)                          | MA Heptachlor   | 6.106  | 7.131   | 31856   | 316353   | 0.044  | 0.139 # |
| 5)                          | MB Aldrin       | 6.408  | 0.000   | 169654  | 0        | 0.263  | N.D. #  |
| 6)                          | B beta-BHC      | 6.066  | 6.718   | 153644  | 180259   | 0.620  | 0.177 # |
| 7)                          | B delta-BHC     | 6.317  | 7.011   | 354414  | 3264709  | 0.535  | 1.425 # |
| 9)                          | A Endosulfan I  | 7.382  | 8.358   | 157135  | 452408   | 0.269  | 0.259   |
| 10)                         | B gamma-Chl...  | 7.263  | 8.223   | 12077   | 637089   | 0.019  | 0.329 # |
| 11)                         | B alpha-Chl...  | 7.343  | 8.309   | 231503  | 172779   | 0.364  | 0.091 # |
| 12)                         | B 4,4'-DDE      | 7.554  | 8.511f  | 42618   | 21625    | 0.070  | 0.012 # |
| 13)                         | MA Dieldrin     | 7.682  | 0.000   | 244069  | 0        | 0.386  | N.D. #  |
| 14)                         | MA Endrin       | 7.994f | 8.872   | 394433  | 1860458  | 0.673  | 1.181 # |
| 15)                         | B Endosulfa...  | 0.000  | 9.143f  | 0       | 528032   | N.D.   | 0.314 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 9.054f  | 0       | 1429932  | N.D.   | 1.033 # |
| 17)                         | MA 4,4'-DDT     | 8.388  | 0.000   | 205878  | 0        | 0.383  | N.D. #  |
| 18)                         | B Endrin al...  | 8.453f | 9.269   | 34604   | 521410   | 0.079  | 0.463 # |
| 19)                         | B Endosulfa...  | 8.691  | 0.000   | 49258   | 0        | 0.083  | N.D. #  |
| 20)                         | A Methoxychlor  | 8.996  | 9.868f  | 230954  | 216656   | 0.657  | 0.268 # |
| 21)                         | B Endrin ke...  | 0.000  | 10.014f | 0       | 168509   | N.D.   | 0.106 # |
| 22)                         | Mirex           | 0.000  | 10.431f | 0       | 234076   | N.D.   | 0.199 # |
| 23)                         | Chlordane-1     | 5.905f | 0.000   | 749355  | 0        | 40.375 | N.D. #  |
| 24)                         | Chlordane-2     | 6.557  | 0.000   | 163443  | 0        | 6.464  | N.D. #  |
| 25)                         | Chlordane-3     | 7.263  | 8.223   | 12077   | 637089   | 0.179  | 2.132 # |
| 26)                         | Chlordane-4     | 7.343  | 8.309   | 231503  | 172779   | 3.155  | 0.484 # |
| 27)                         | Chlordane-5     | 0.000  | 9.200   | 0       | 533482   | N.D.   | 8.728 # |
| -----                       |                 |        |         |         |          |        |         |

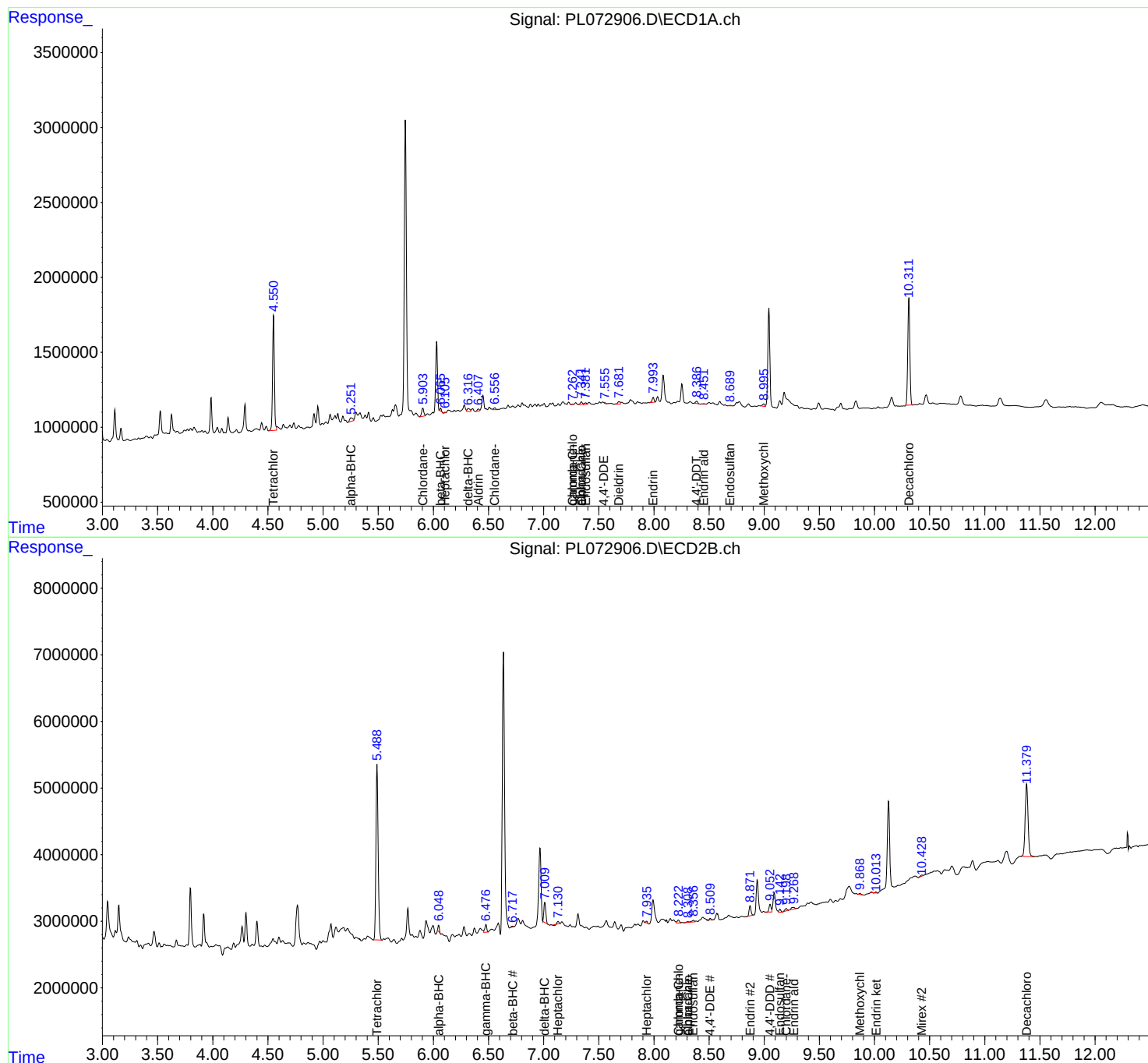
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

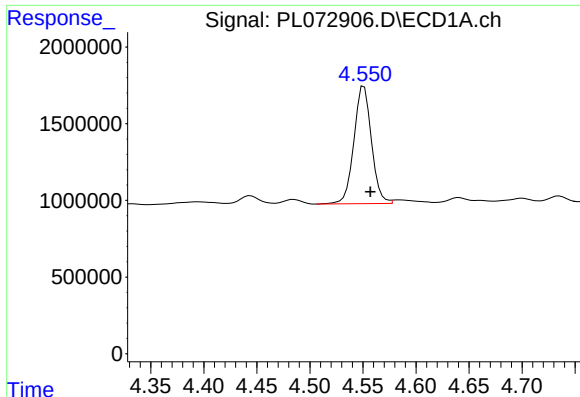
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022222\  
Data File : PL072906.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Feb 2022 21:11  
Operator : AR\AJ  
Sample : N1627-03  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 23 05:39:02 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

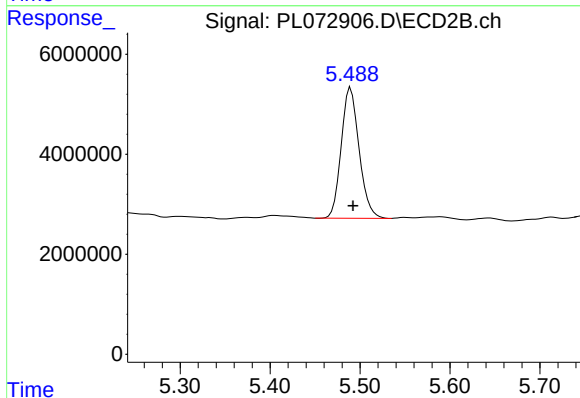




#1 Tetrachloro-m-xylene

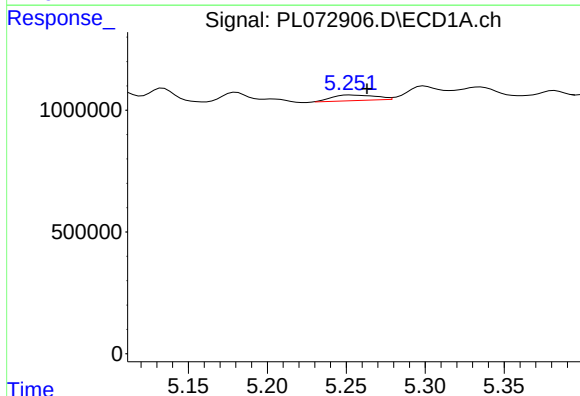
R.T.: 4.551 min  
Delta R.T.: -0.006 min  
Response: 8832265  
Conc: 18.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



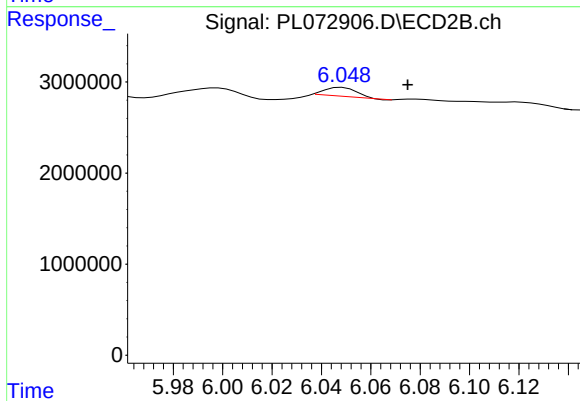
#1 Tetrachloro-m-xylene

R.T.: 5.490 min  
Delta R.T.: -0.002 min  
Response: 36050510  
Conc: 20.87 ng/ml



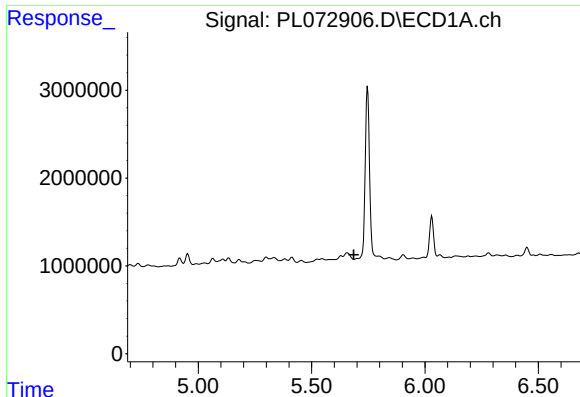
#2 alpha-BHC

R.T.: 5.253 min  
Delta R.T.: -0.011 min  
Response: 436046  
Conc: 0.66 ng/ml



#2 alpha-BHC

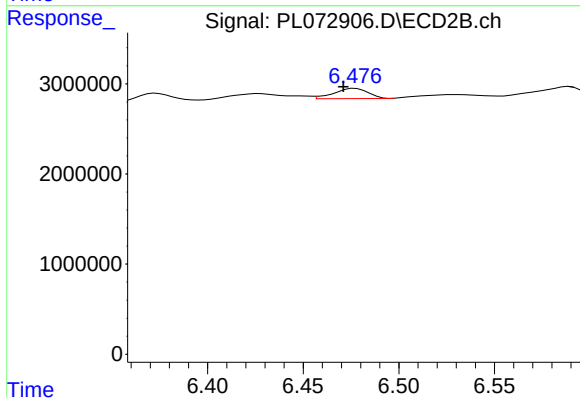
R.T.: 6.048 min  
Delta R.T.: -0.027 min  
Response: 854273  
Conc: 0.36 ng/ml



#3 gamma-BHC (Lindane)

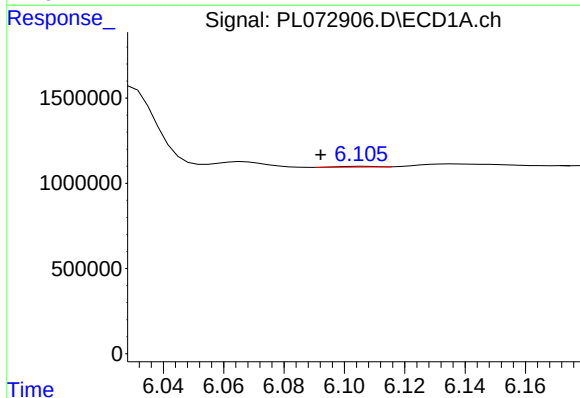
R.T.: 5.702 min  
Delta R.T.: 0.016 min  
Response: -146214  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



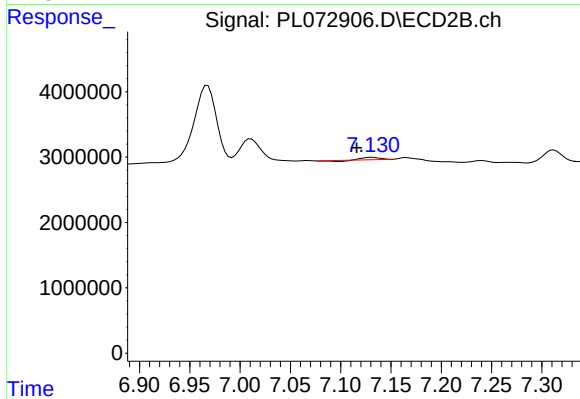
#3 gamma-BHC (Lindane)

R.T.: 6.477 min  
Delta R.T.: 0.006 min  
Response: 1418124  
Conc: 0.62 ng/ml



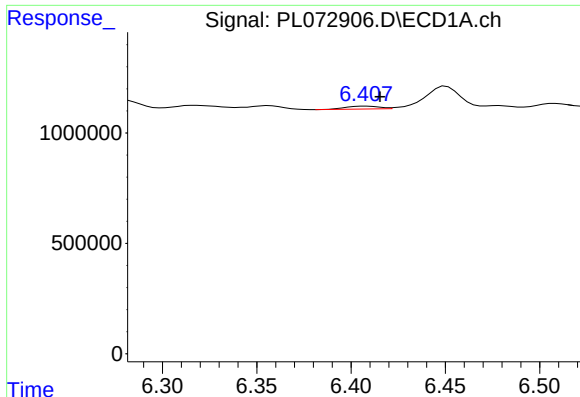
#4 Heptachlor

R.T.: 6.106 min  
Delta R.T.: 0.014 min  
Response: 31856  
Conc: 0.04 ng/ml



#4 Heptachlor

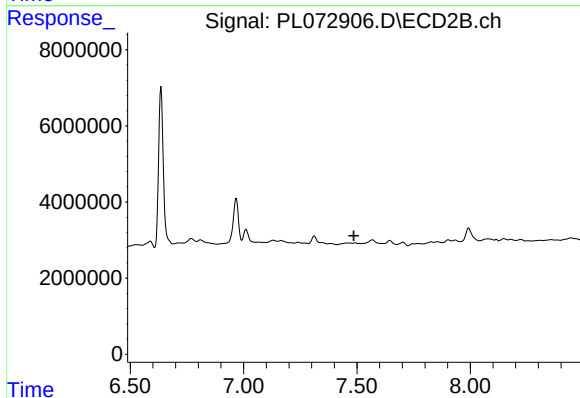
R.T.: 7.131 min  
Delta R.T.: 0.015 min  
Response: 316353  
Conc: 0.14 ng/ml



#5 Aldrin

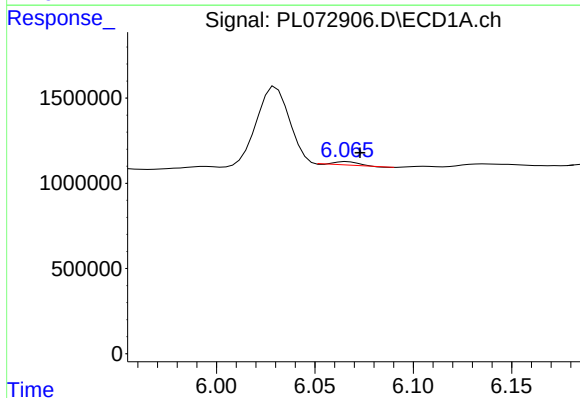
R.T.: 6.408 min  
Delta R.T.: -0.007 min  
Response: 169654  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



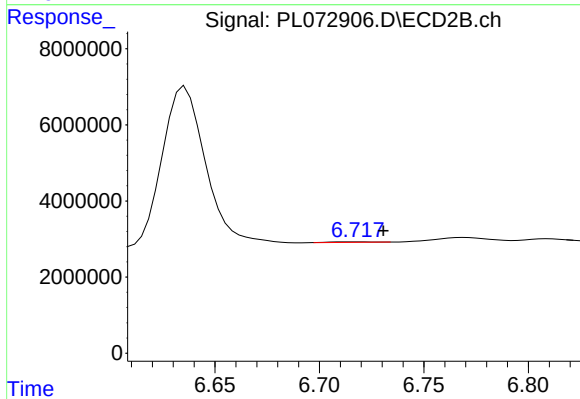
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 7.486 min  
Response: 0  
Conc: N.D.



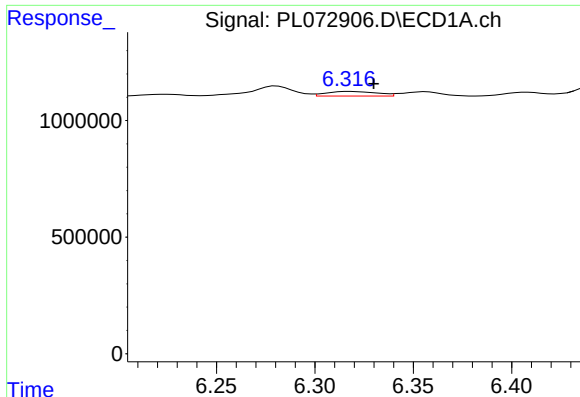
#6 beta-BHC

R.T.: 6.066 min  
Delta R.T.: -0.007 min  
Response: 153644  
Conc: 0.62 ng/ml



#6 beta-BHC

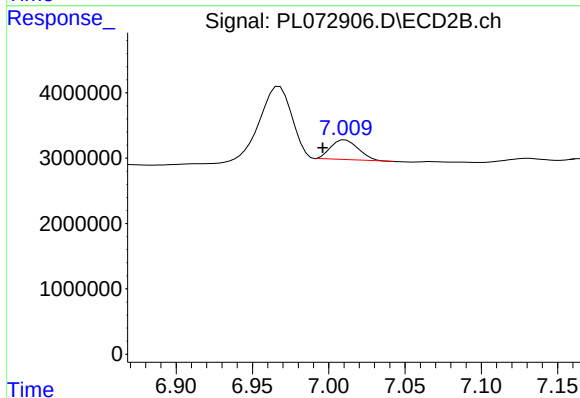
R.T.: 6.718 min  
Delta R.T.: -0.012 min  
Response: 180259  
Conc: 0.18 ng/ml



#7 delta-BHC

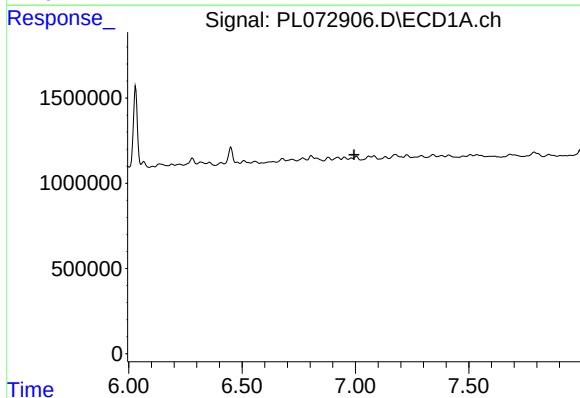
R.T.: 6.317 min  
Delta R.T.: -0.013 min  
Response: 354414  
Conc: 0.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



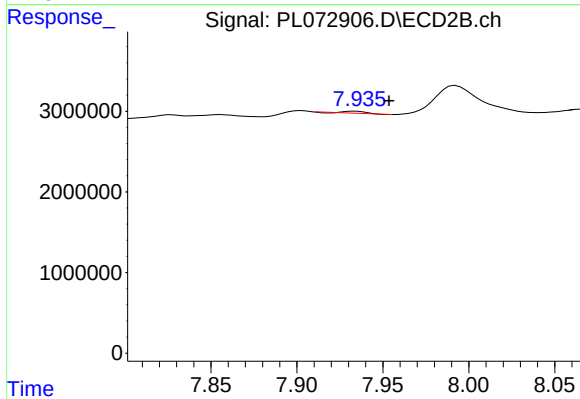
#7 delta-BHC

R.T.: 7.011 min  
Delta R.T.: 0.015 min  
Response: 3264709  
Conc: 1.42 ng/ml



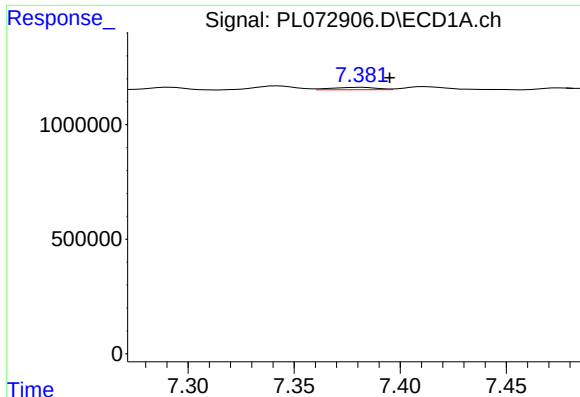
#8 Heptachlor epoxide

R.T.: 6.982 min  
Delta R.T.: -0.011 min  
Response: -64622  
Conc: N.D.



#8 Heptachlor epoxide

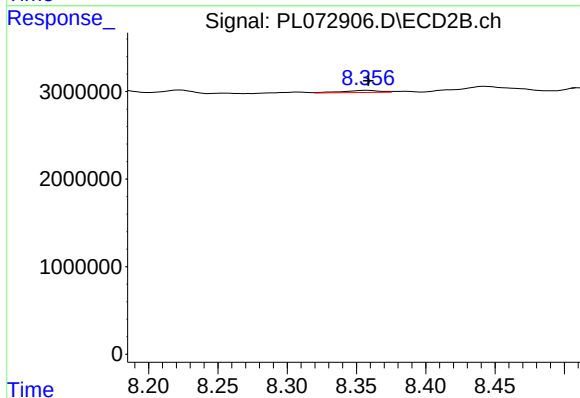
R.T.: 7.934 min  
Delta R.T.: -0.019 min  
Response: 194921  
Conc: 0.10 ng/ml



#9 Endosulfan I

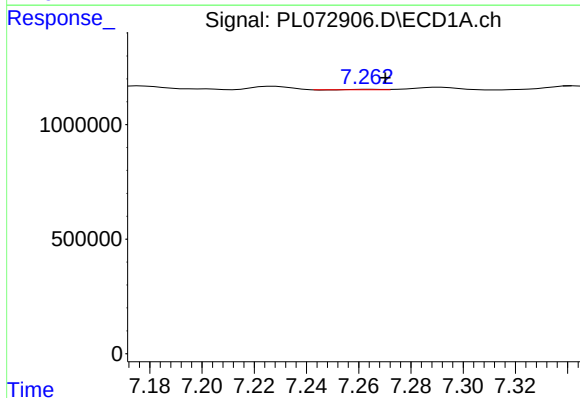
R.T.: 7.382 min  
Delta R.T.: -0.014 min  
Response: 157135  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



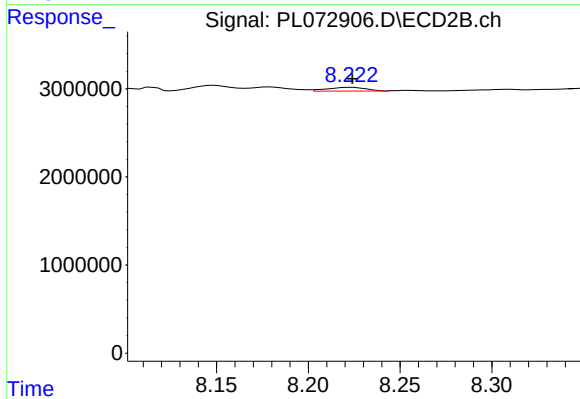
#9 Endosulfan I

R.T.: 8.358 min  
Delta R.T.: 0.000 min  
Response: 452408  
Conc: 0.26 ng/ml



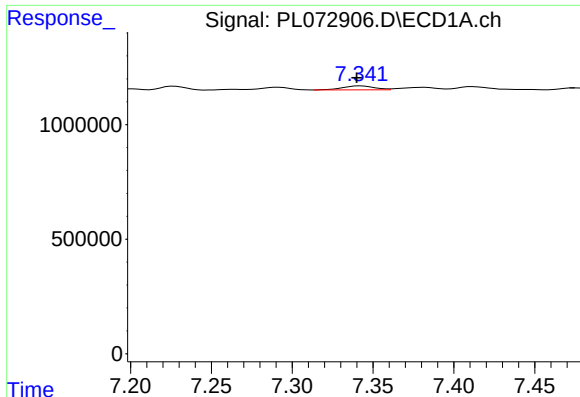
#10 gamma-Chlordane

R.T.: 7.263 min  
Delta R.T.: -0.007 min  
Response: 12077  
Conc: 0.02 ng/ml



#10 gamma-Chlordane

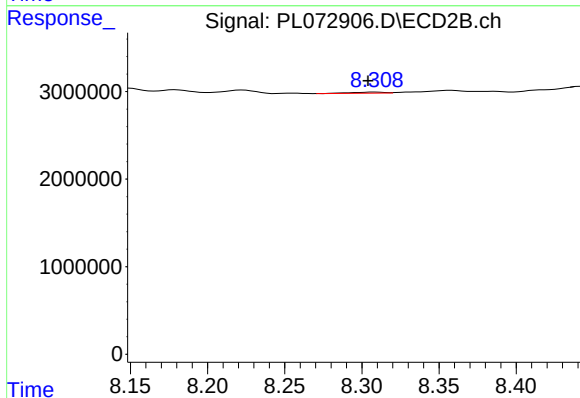
R.T.: 8.223 min  
Delta R.T.: 0.000 min  
Response: 637089  
Conc: 0.33 ng/ml



#11 alpha-Chlordane

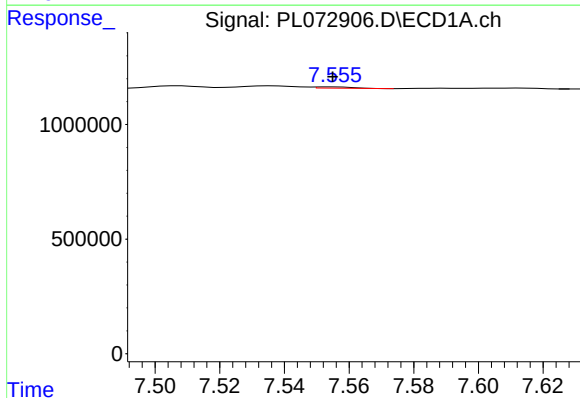
R.T.: 7.343 min  
Delta R.T.: 0.003 min  
Response: 231503  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



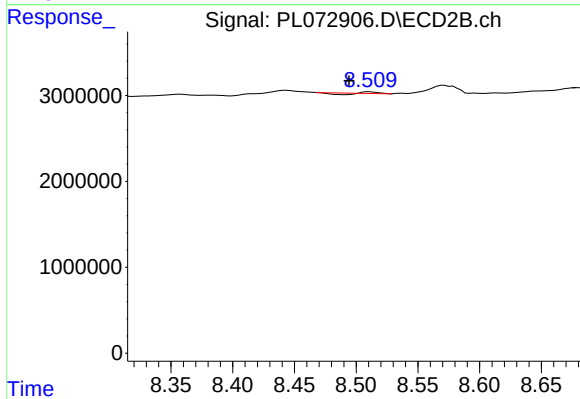
#11 alpha-Chlordane

R.T.: 8.309 min  
Delta R.T.: 0.005 min  
Response: 172779  
Conc: 0.09 ng/ml



#12 4,4'-DDE

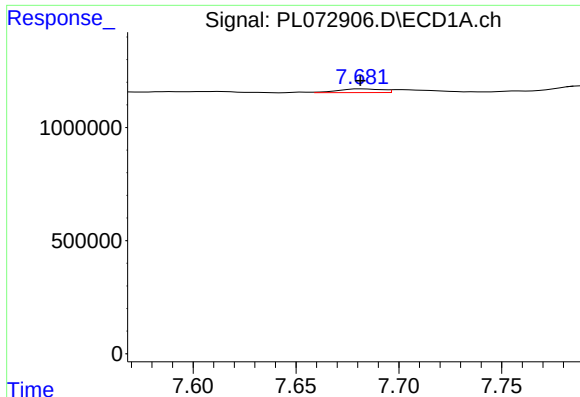
R.T.: 7.554 min  
Delta R.T.: 0.000 min  
Response: 42618  
Conc: 0.07 ng/ml



#12 4,4'-DDE

R.T.: 8.511 min  
Delta R.T.: 0.017 min  
Response: 21625  
Conc: 0.01 ng/ml

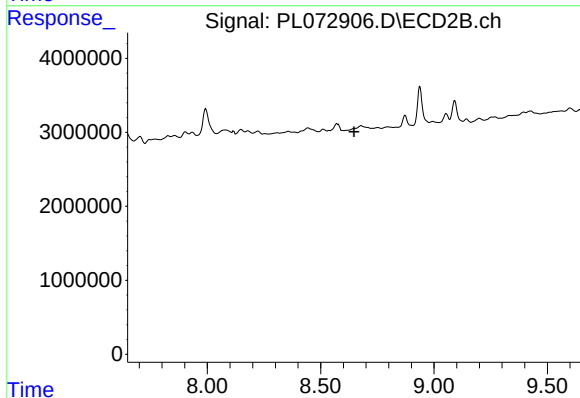




#13 Dieldrin

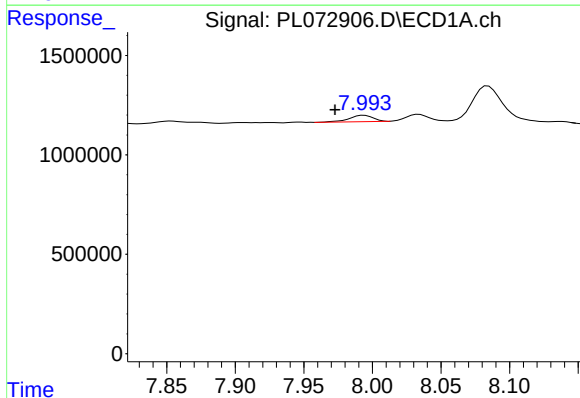
R.T.: 7.682 min  
Delta R.T.: 0.001 min  
Response: 244069  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



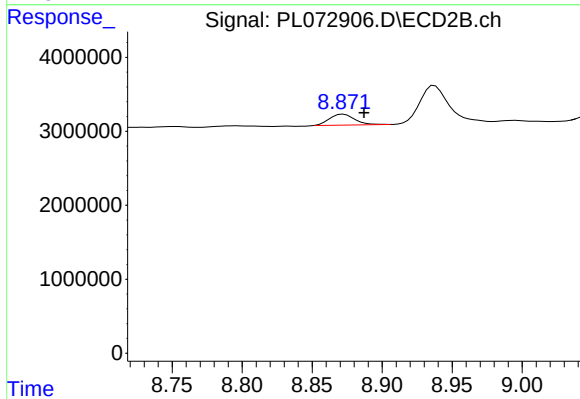
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 8.648 min  
Response: 0  
Conc: N.D.



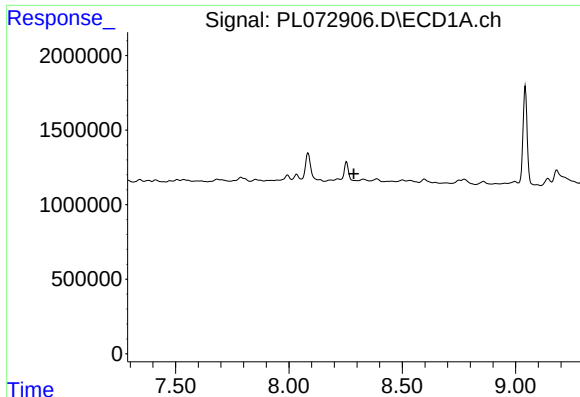
#14 Endrin

R.T.: 7.994 min  
Delta R.T.: 0.021 min  
Response: 394433  
Conc: 0.67 ng/ml



#14 Endrin

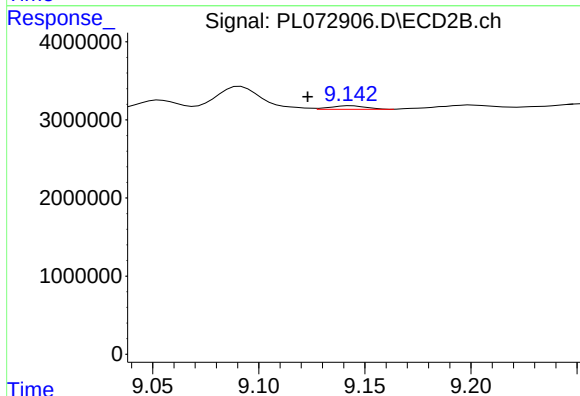
R.T.: 8.872 min  
Delta R.T.: -0.015 min  
Response: 1860458  
Conc: 1.18 ng/ml



#15 Endosulfan II

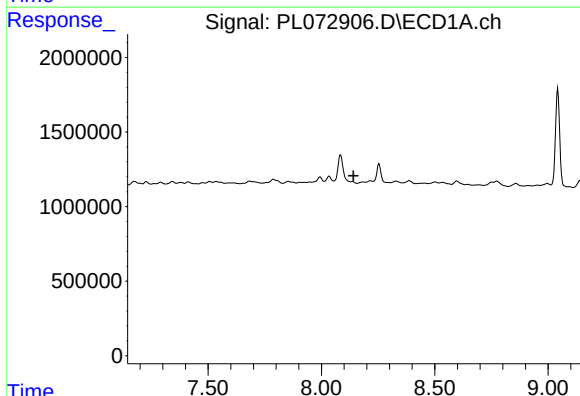
R.T.: 0.000 min  
Exp R.T.: 8.286 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



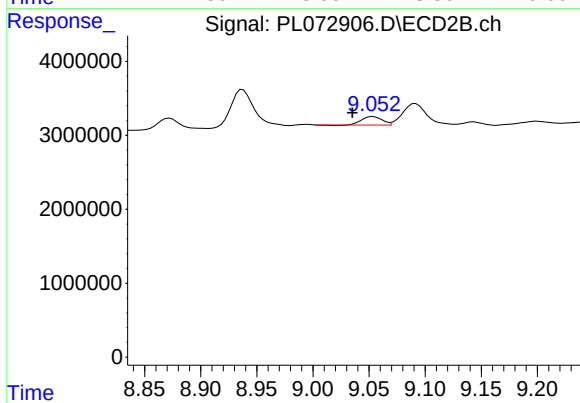
#15 Endosulfan II

R.T.: 9.143 min  
Delta R.T.: 0.020 min  
Response: 528032  
Conc: 0.31 ng/ml



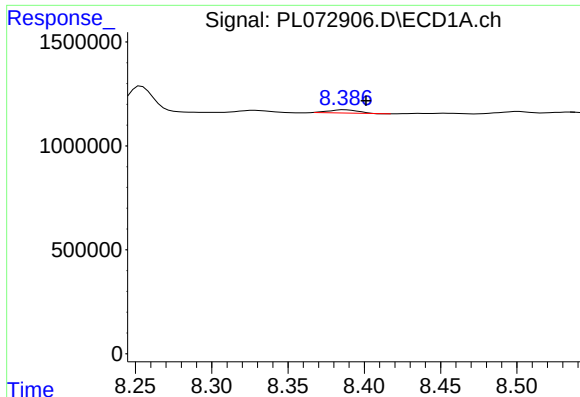
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 8.142 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

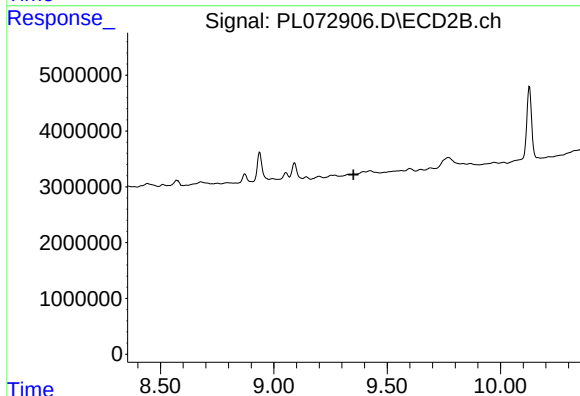
R.T.: 9.054 min  
Delta R.T.: 0.019 min  
Response: 1429932  
Conc: 1.03 ng/ml



#17 4,4'-DDT

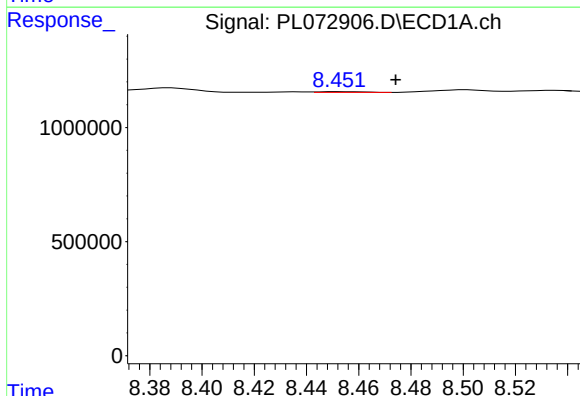
R.T.: 8.388 min  
Delta R.T.: -0.014 min  
Response: 205878  
Conc: 0.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



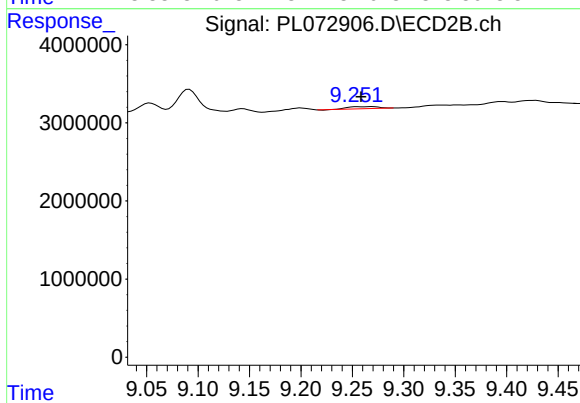
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 9.352 min  
Response: 0  
Conc: N.D.



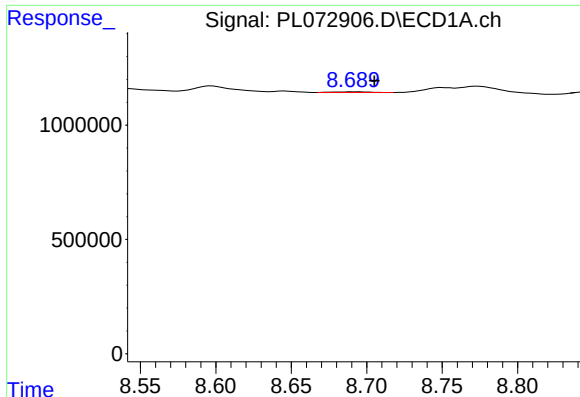
#18 Endrin aldehyde

R.T.: 8.453 min  
Delta R.T.: -0.021 min  
Response: 34604  
Conc: 0.08 ng/ml



#18 Endrin aldehyde

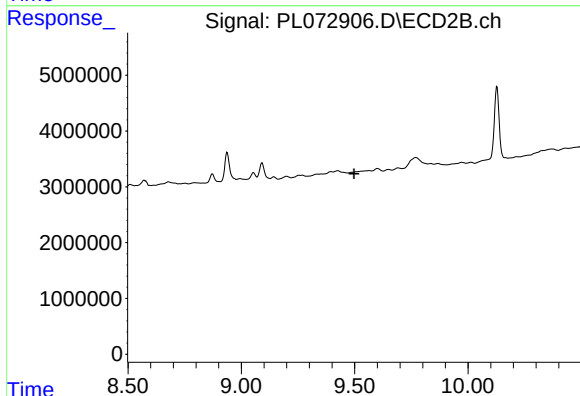
R.T.: 9.269 min  
Delta R.T.: 0.011 min  
Response: 521410  
Conc: 0.46 ng/ml



#19 Endosulfan Sulfate

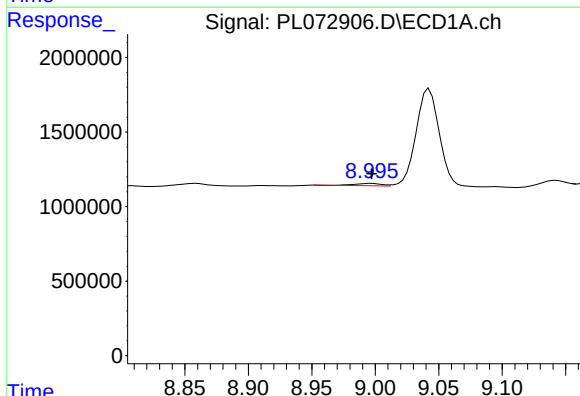
R.T.: 8.691 min  
Delta R.T.: -0.014 min  
Response: 49258  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



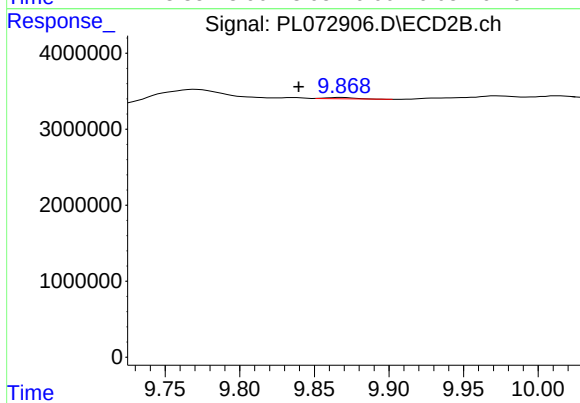
#19 Endosulfan Sulfate

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



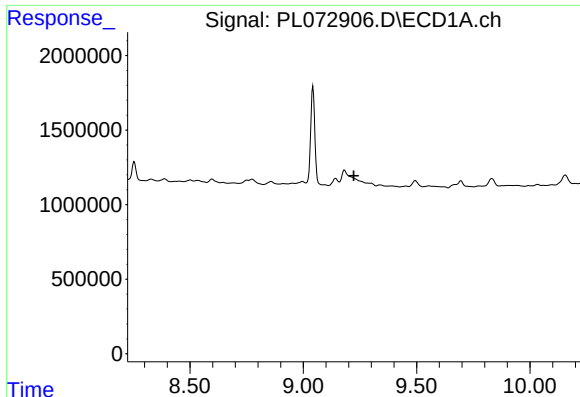
#20 Methoxychlor

R.T.: 8.996 min  
Delta R.T.: 0.000 min  
Response: 230954  
Conc: 0.66 ng/ml



#20 Methoxychlor

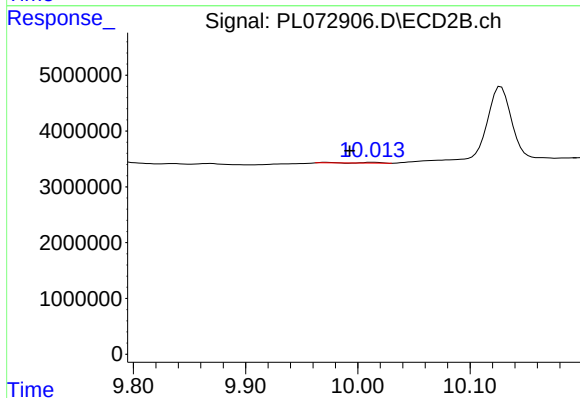
R.T.: 9.868 min  
Delta R.T.: 0.029 min  
Response: 216656  
Conc: 0.27 ng/ml



#21 Endrin ketone

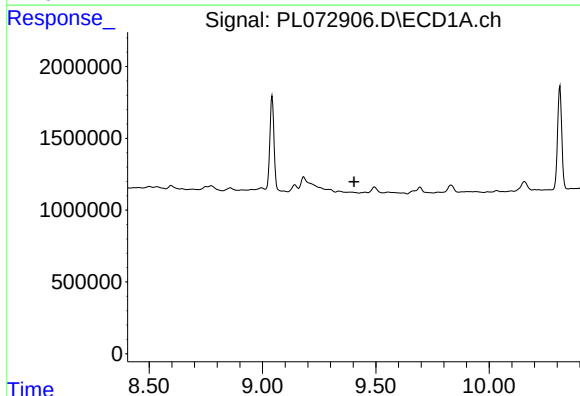
R.T.: 0.000 min  
Exp R.T.: 9.223 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



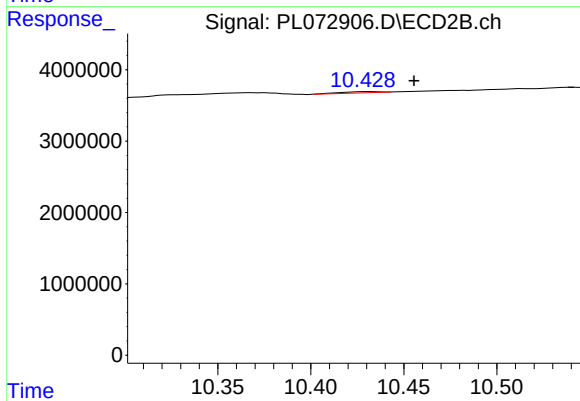
#21 Endrin ketone

R.T.: 10.014 min  
Delta R.T.: 0.021 min  
Response: 168509  
Conc: 0.11 ng/ml



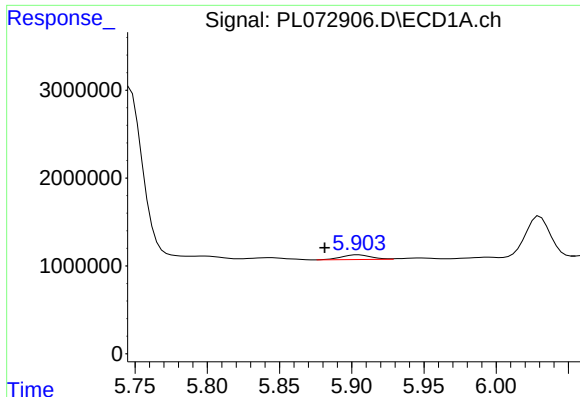
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 9.404 min  
Response: 0  
Conc: N.D.



#22 Mirex

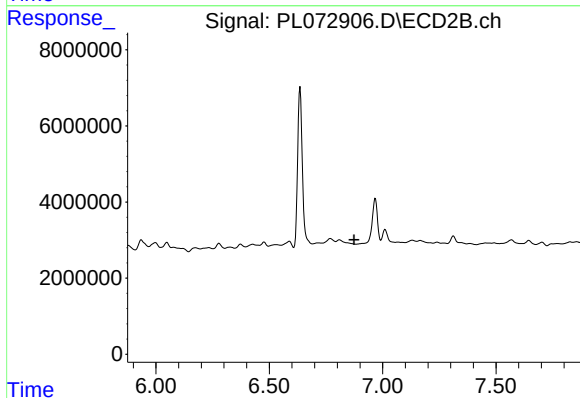
R.T.: 10.431 min  
Delta R.T.: -0.025 min  
Response: 234076  
Conc: 0.20 ng/ml



#23 Chlordane-1

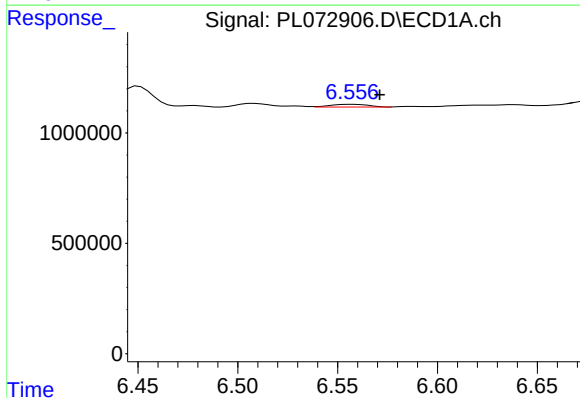
R.T.: 5.905 min  
Delta R.T.: 0.023 min  
Response: 749355  
Conc: 40.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



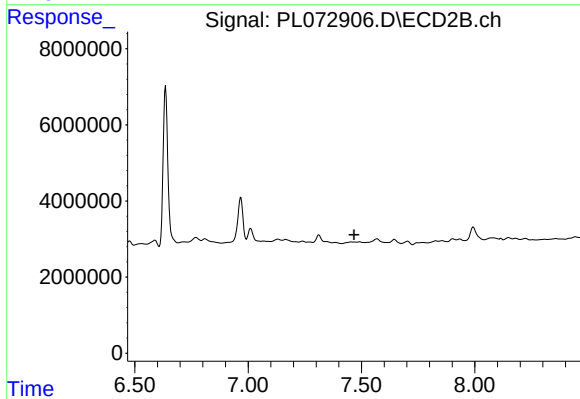
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 6.874 min  
Response: 0  
Conc: N.D.



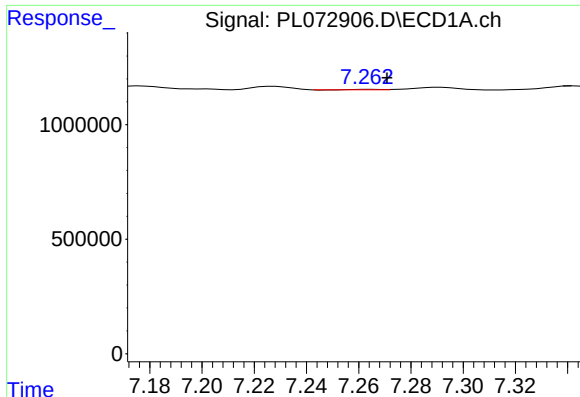
#24 Chlordane-2

R.T.: 6.557 min  
Delta R.T.: -0.014 min  
Response: 163443  
Conc: 6.46 ng/ml



#24 Chlordane-2

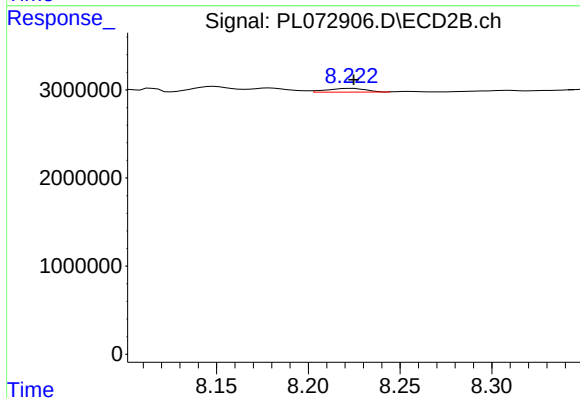
R.T.: 0.000 min  
Exp R.T. : 7.467 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

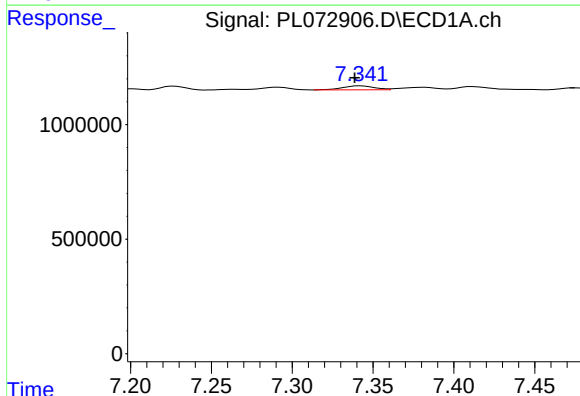
R.T.: 7.263 min  
Delta R.T.: -0.007 min  
Response: 12077  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



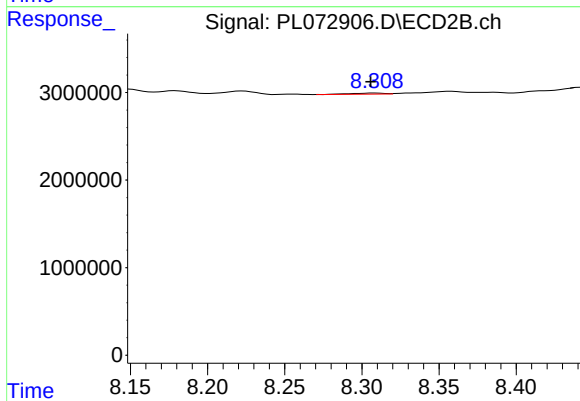
#25 Chlordane-3

R.T.: 8.223 min  
Delta R.T.: -0.002 min  
Response: 637089  
Conc: 2.13 ng/ml



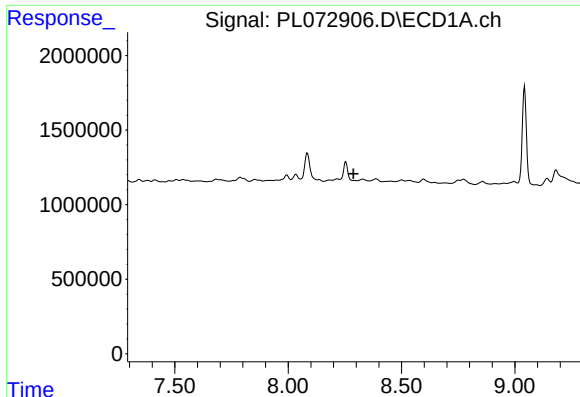
#26 Chlordane-4

R.T.: 7.343 min  
Delta R.T.: 0.004 min  
Response: 231503  
Conc: 3.16 ng/ml



#26 Chlordane-4

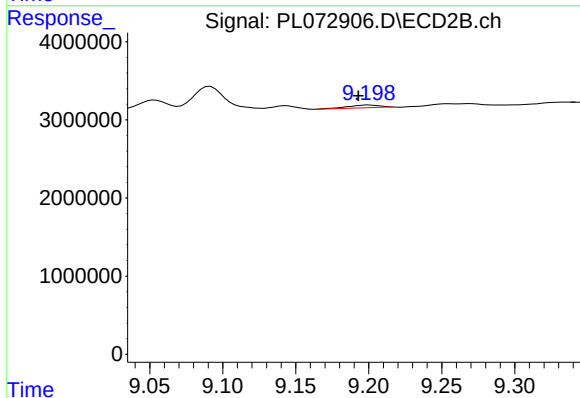
R.T.: 8.309 min  
Delta R.T.: 0.003 min  
Response: 172779  
Conc: 0.48 ng/ml



#27 Chlordane-5

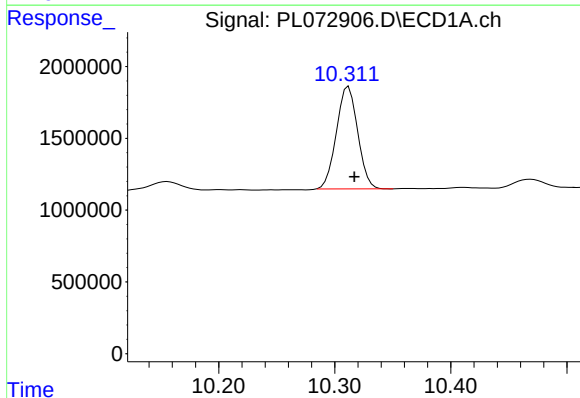
R.T.: 0.000 min  
Exp R.T.: 8.288 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



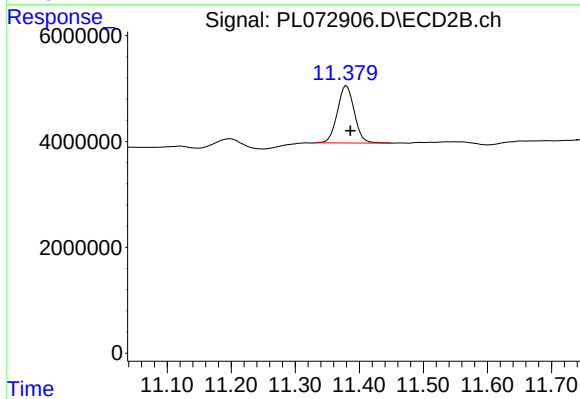
#27 Chlordane-5

R.T.: 9.200 min  
Delta R.T.: 0.007 min  
Response: 533482  
Conc: 8.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.312 min  
Delta R.T.: -0.005 min  
Response: 9101117  
Conc: 12.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.380 min  
Delta R.T.: -0.006 min  
Response: 19863650  
Conc: 12.53 ng/ml