

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061924\  
 Data File : PL090249.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jun 2024 18:20  
 Operator : AR\AJ  
 Sample : PB161566TB  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB161566TB

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 01:29:08 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 14:57:01 2024  
 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... | 3.546  | 2.789  | 43424944 | 29253867 | 20.740 | 20.403  |
| 28)                         | SA Decachlor... | 9.054  | 7.932  | 30388895 | 28776297 | 20.667 | 19.365  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.003  | 3.281f | 36373    | 34439    | 0.012  | 0.016 # |
| 3)                          | MA gamma-BHC... | 4.315f | 3.647f | 23438    | 48217    | 0.008  | 0.023 # |
| 4)                          | MA Heptachlor   | 4.934  | 3.978  | 408476   | 170376   | 0.156  | 0.085 # |
| 5)                          | MB Aldrin       | 5.241f | 4.244  | 59857    | 11341    | 0.023  | 0.006 # |
| 7)                          | B delta-BHC     | 4.767  | 0.000  | 1190384  | 0        | 0.432  | N.D. #  |
| 8)                          | B Heptachlo...  | 5.689  | 0.000  | 486970   | 0        | 0.196  | N.D. #  |
| 9)                          | A Endosulfan I  | 6.076  | 5.122  | 112136   | 88114    | 0.050  | 0.052   |
| 10)                         | B gamma-Chl...  | 0.000  | 5.015  | 0        | 23940    | N.D.   | 0.013 # |
| 11)                         | B alpha-Chl...  | 6.006f | 5.066  | 103872   | 63852    | 0.043  | 0.034   |
| 12)                         | B 4,4'-DDE      | 6.205  | 5.259  | 14260    | -2844    | 0.007  | N.D. #  |
| 13)                         | MA Dieldrin     | 6.345  | 5.368f | 155715   | 76608    | 0.066  | 0.042 # |
| 14)                         | MA Endrin       | 6.564f | 5.678  | 62067    | -32398   | 0.031  | N.D. #  |
| 15)                         | B Endosulfa...  | 6.822f | 5.977f | 579515   | 43703    | 0.278  | 0.027 # |
| 16)                         | A 4,4'-DDD      | 6.724  | 5.802  | 11462    | 48424    | 0.007  | 0.034 # |
| 17)                         | MA 4,4'-DDT     | 7.057f | 6.056  | -8982    | 88114    | N.D.   | 0.058   |
| 18)                         | B Endrin al...  | 6.957f | 6.144  | 58588    | 20268    | 0.038  | 0.017 # |
| 19)                         | B Endosulfa...  | 7.175  | 6.353  | 16911    | 68336    | 0.009  | 0.043 # |
| 20)                         | A Methoxychlor  | 7.502  | 6.637  | 56111    | -26265   | 0.057  | N.D. #  |
| 21)                         | B Endrin ke...  | 7.662  | 6.893f | 13134    | 305423   | 0.006  | 0.168 # |
| 22)                         | Mirex           | 8.149f | 0.000  | 53543    | 0        | 0.032  | N.D. #  |
| 23)                         | Chlordane-1     | 0.000  | 3.825f | 0        | 253574   | N.D.   | 3.866 # |
| 24)                         | Chlordane-2     | 5.241  | 4.372  | 59857    | 22834    | 0.498  | 0.286 # |
| 25)                         | Chlordane-3     | 0.000  | 4.996  | 0        | 48555    | N.D.   | 0.218 # |
| 26)                         | Chlordane-4     | 6.006f | 5.066  | 103872   | 63852    | 0.212  | 0.302 # |
| 27)                         | Chlordane-5     | 6.875  | 5.753f | 22839    | 444673   | 0.235  | 6.550 # |
| -----                       |                 |        |        |          |          |        |         |

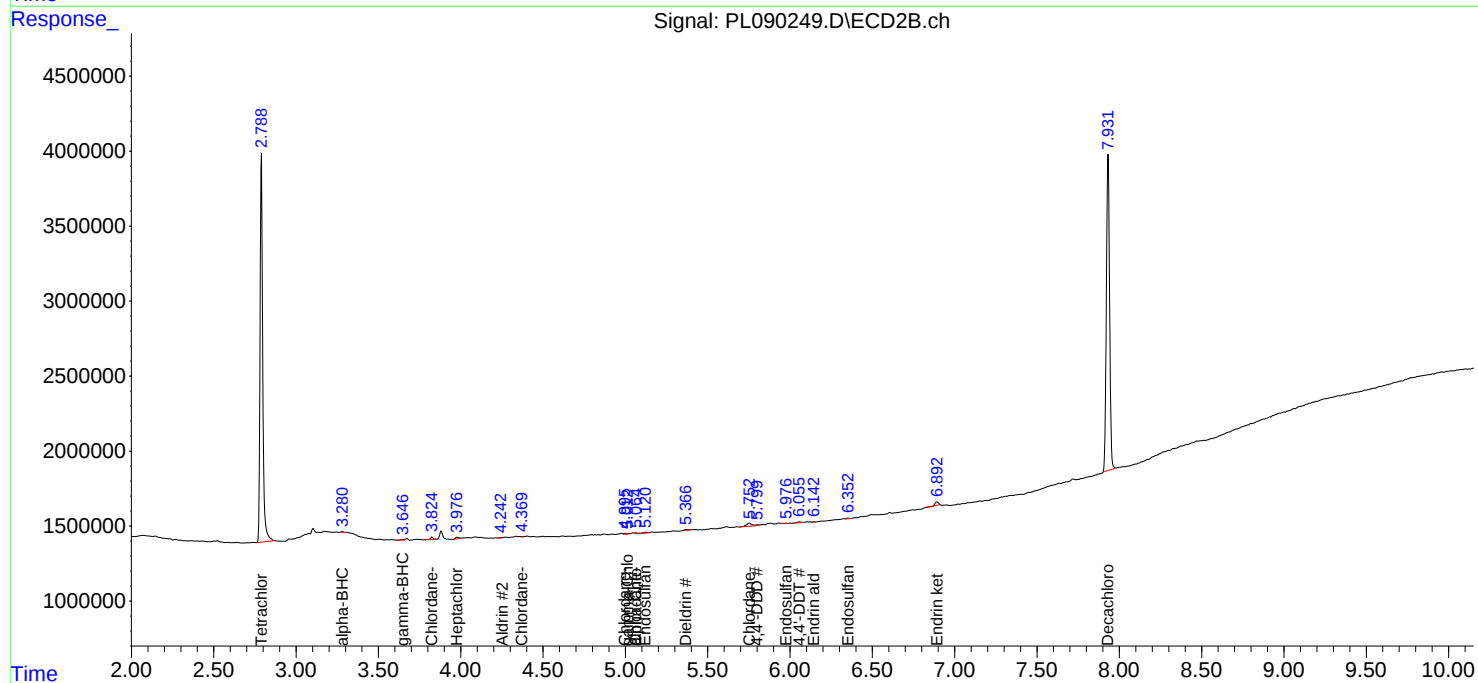
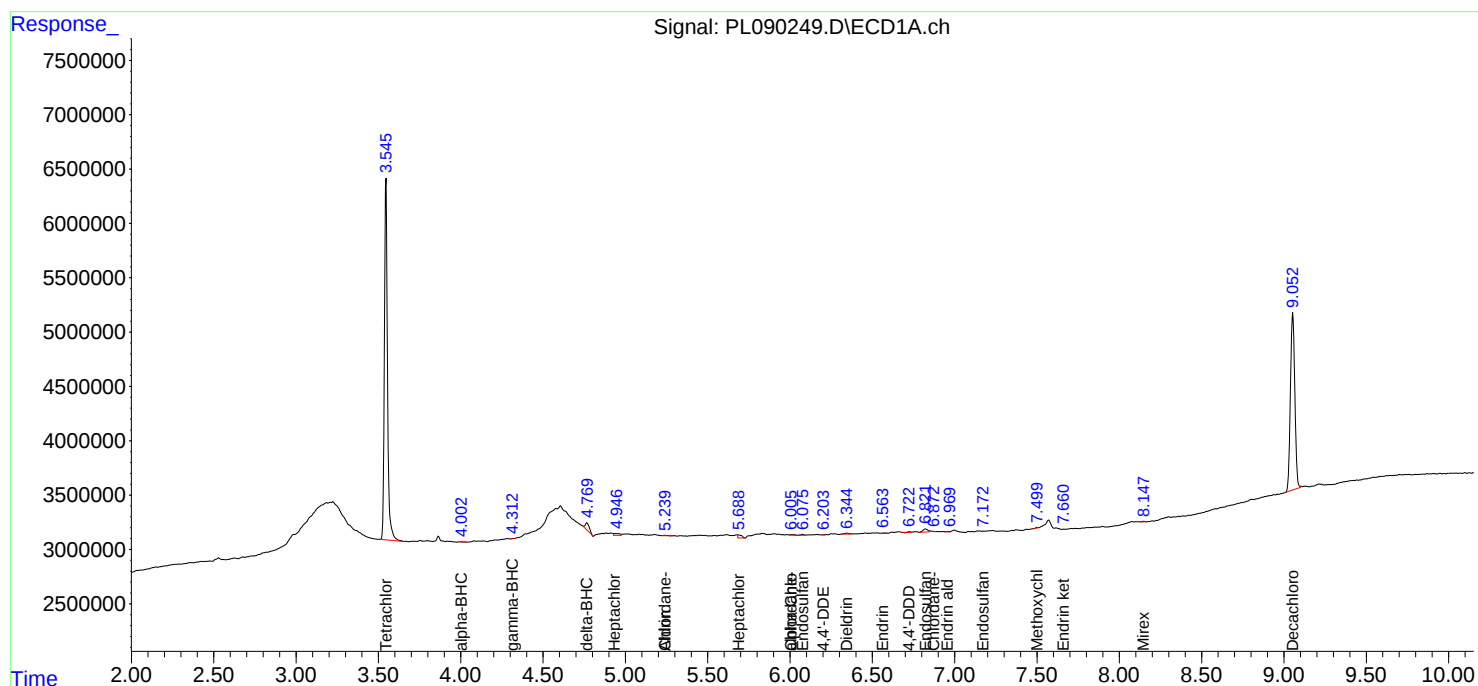
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

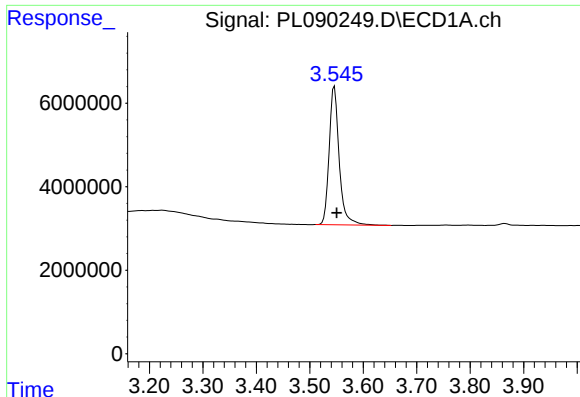
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061924\  
Data File : PL090249.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jun 2024 18:20  
Operator : AR\AJ  
Sample : PB161566TB  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 01:29:08 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
Quant Title : GC Extractables  
QLast Update : Fri May 24 14:57:01 2024  
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

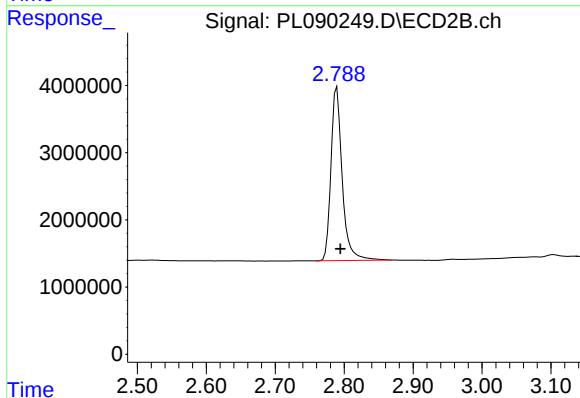




#1 Tetrachloro-m-xylene

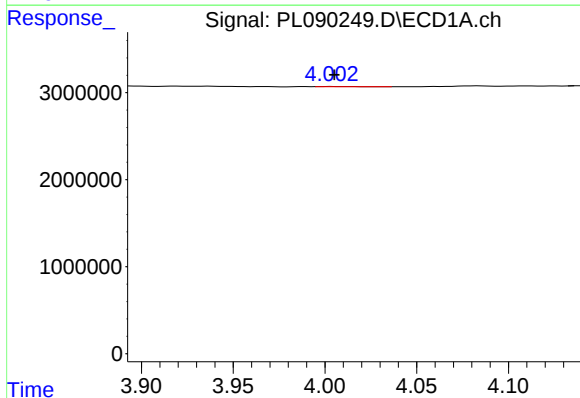
R.T.: 3.546 min  
Delta R.T.: -0.004 min  
Response: 43424944  
Conc: 20.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



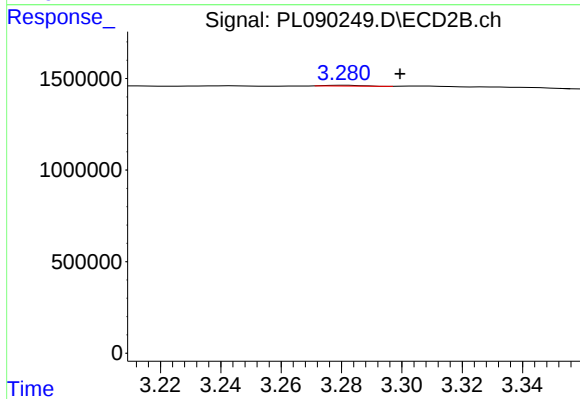
#1 Tetrachloro-m-xylene

R.T.: 2.789 min  
Delta R.T.: -0.005 min  
Response: 29253867  
Conc: 20.40 ng/ml



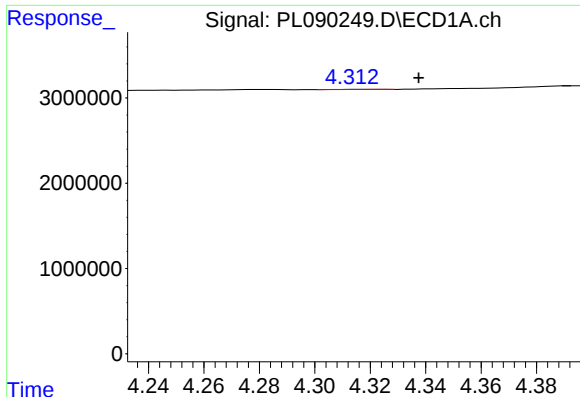
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: -0.002 min  
Response: 36373  
Conc: 0.01 ng/ml



#2 alpha-BHC

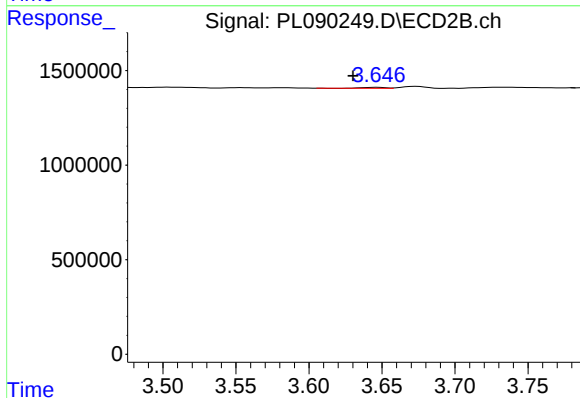
R.T.: 3.281 min  
Delta R.T.: -0.018 min  
Response: 34439  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

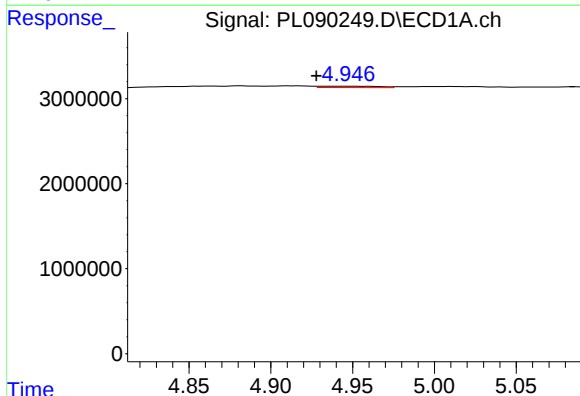
R.T.: 4.315 min  
Delta R.T.: -0.023 min  
Response: 23438  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



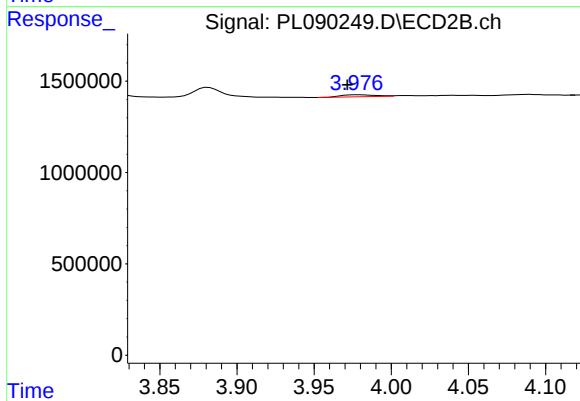
#3 gamma-BHC (Lindane)

R.T.: 3.647 min  
Delta R.T.: 0.017 min  
Response: 48217  
Conc: 0.02 ng/ml



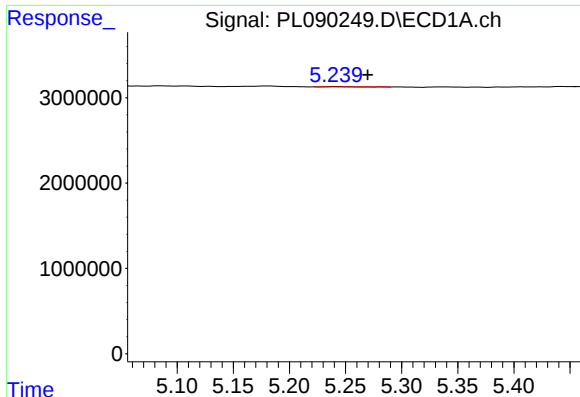
#4 Heptachlor

R.T.: 4.934 min  
Delta R.T.: 0.006 min  
Response: 408476  
Conc: 0.16 ng/ml



#4 Heptachlor

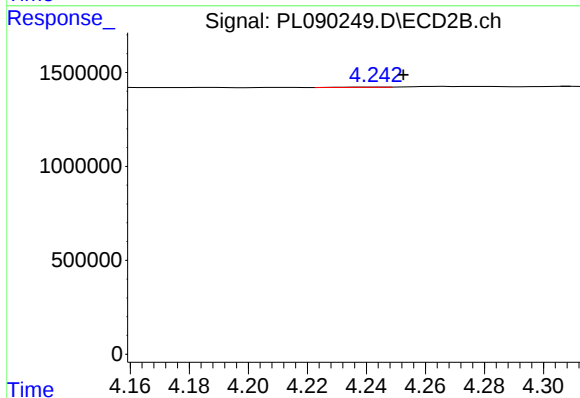
R.T.: 3.978 min  
Delta R.T.: 0.006 min  
Response: 170376  
Conc: 0.09 ng/ml



#5 Aldrin

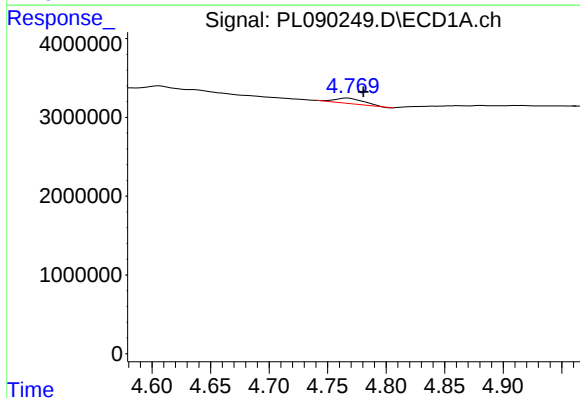
R.T.: 5.241 min  
Delta R.T.: -0.029 min  
Response: 59857  
Conc: 0.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



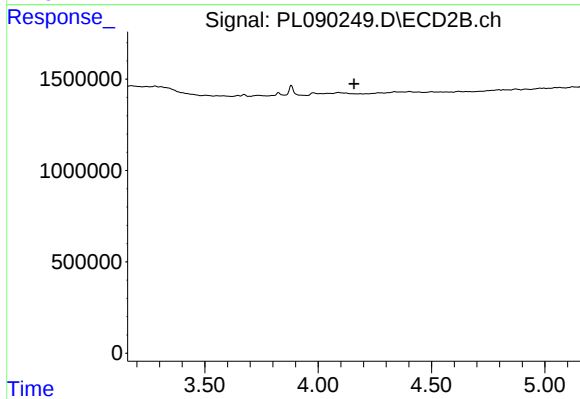
#5 Aldrin

R.T.: 4.244 min  
Delta R.T.: -0.009 min  
Response: 11341  
Conc: 0.01 ng/ml



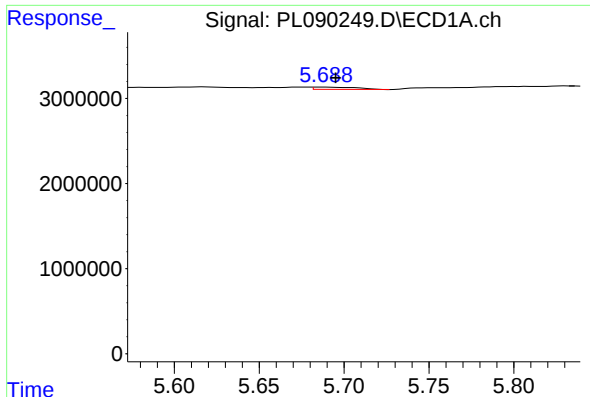
#7 delta-BHC

R.T.: 4.767 min  
Delta R.T.: -0.013 min  
Response: 1190384  
Conc: 0.43 ng/ml



#7 delta-BHC

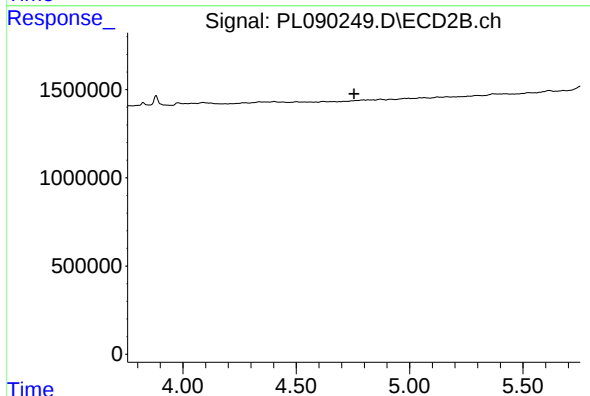
R.T.: 0.000 min  
Exp R.T. : 4.158 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

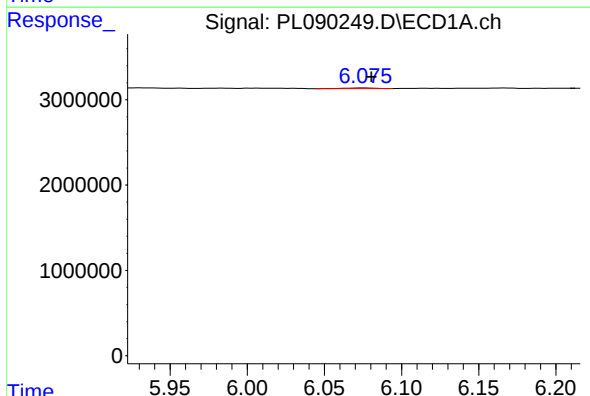
R.T.: 5.689 min  
Delta R.T.: -0.006 min  
Response: 486970  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



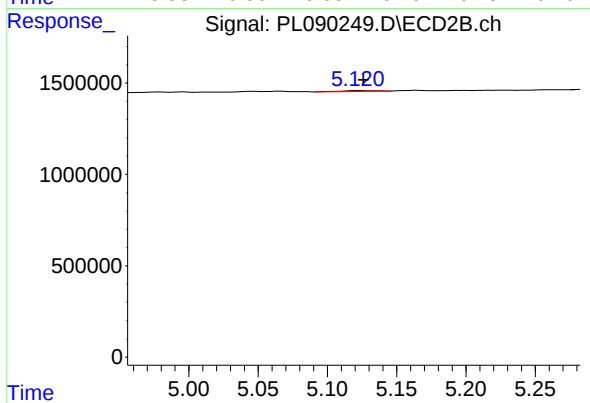
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.755 min  
Response: 0  
Conc: N.D.



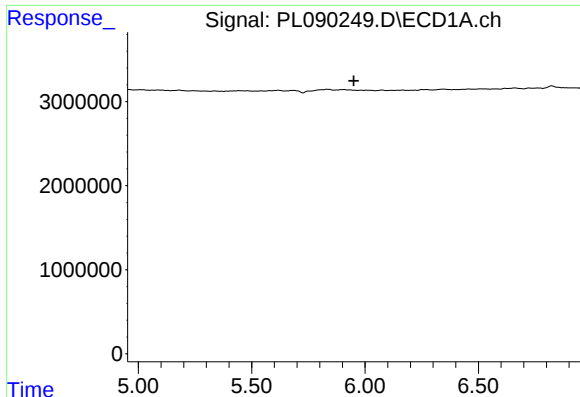
#9 Endosulfan I

R.T.: 6.076 min  
Delta R.T.: -0.004 min  
Response: 112136  
Conc: 0.05 ng/ml



#9 Endosulfan I

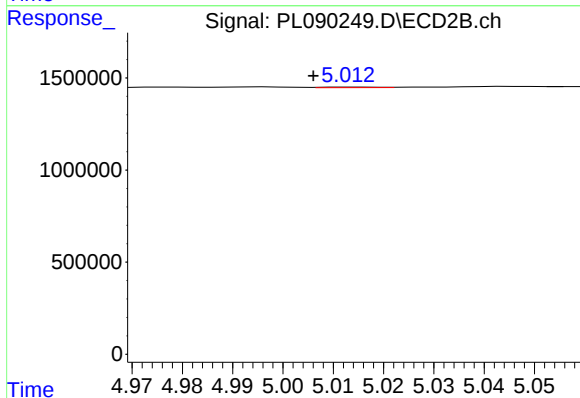
R.T.: 5.122 min  
Delta R.T.: -0.004 min  
Response: 88114  
Conc: 0.05 ng/ml



#10 gamma-Chlordane

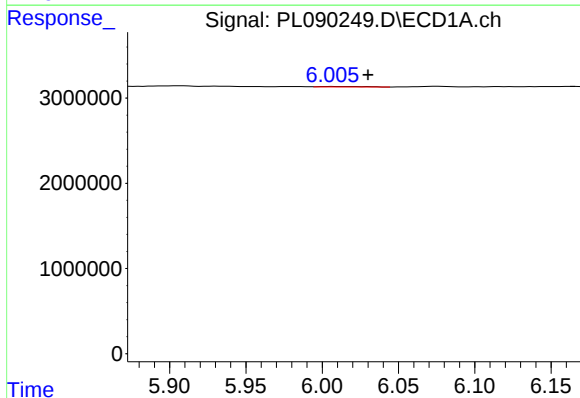
R.T.: 0.000 min  
Exp R.T.: 5.951 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



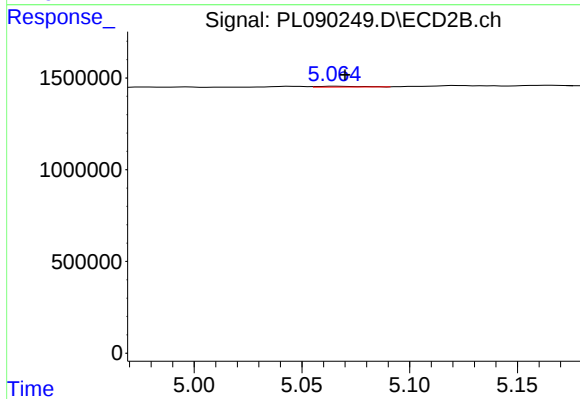
#10 gamma-Chlordane

R.T.: 5.015 min  
Delta R.T.: 0.008 min  
Response: 23940  
Conc: 0.01 ng/ml



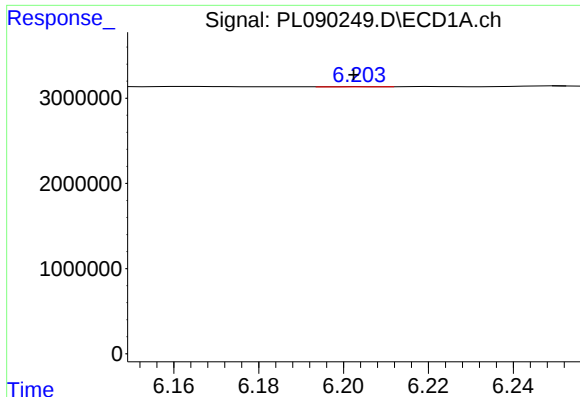
#11 alpha-Chlordane

R.T.: 6.006 min  
Delta R.T.: -0.024 min  
Response: 103872  
Conc: 0.04 ng/ml



#11 alpha-Chlordane

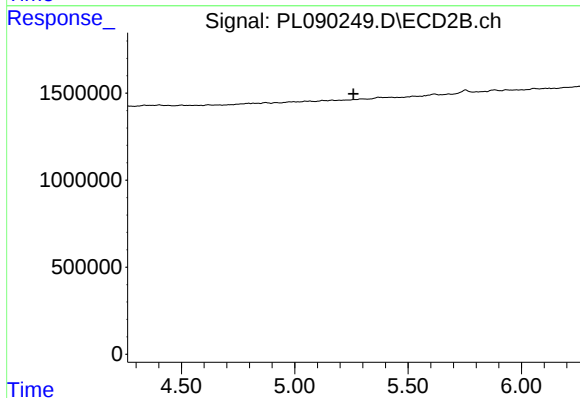
R.T.: 5.066 min  
Delta R.T.: -0.004 min  
Response: 63852  
Conc: 0.03 ng/ml



#12 4,4'-DDE

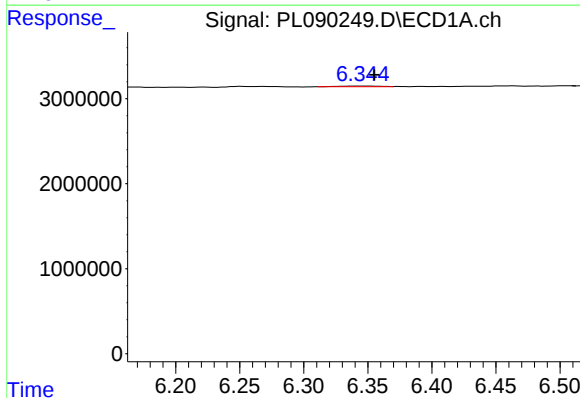
R.T.: 6.205 min  
Delta R.T.: 0.002 min  
Response: 14260  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



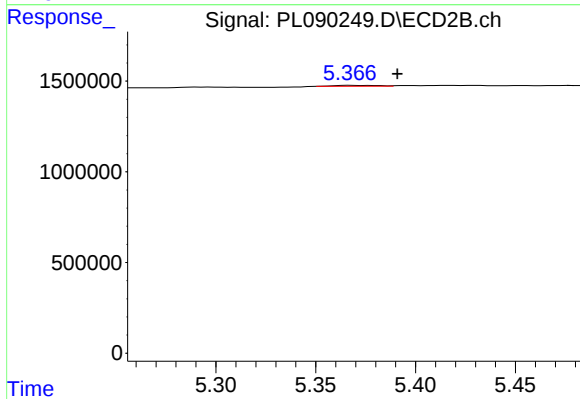
#12 4,4'-DDE

R.T.: 5.259 min  
Delta R.T.: 0.000 min  
Response: -2844  
Conc: N.D.



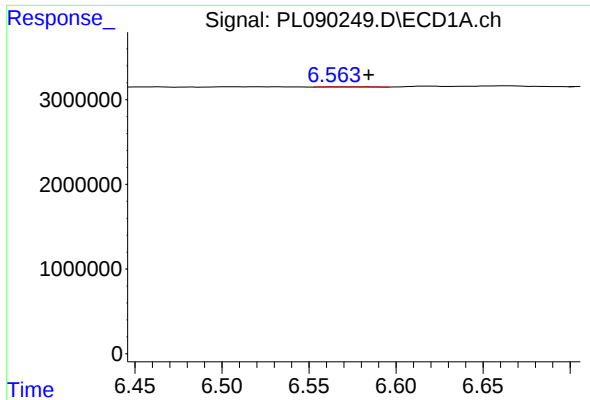
#13 Dieldrin

R.T.: 6.345 min  
Delta R.T.: -0.010 min  
Response: 155715  
Conc: 0.07 ng/ml



#13 Dieldrin

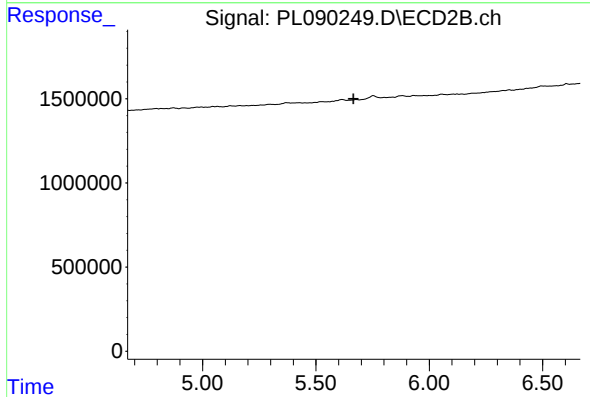
R.T.: 5.368 min  
Delta R.T.: -0.023 min  
Response: 76608  
Conc: 0.04 ng/ml



#14 Endrin

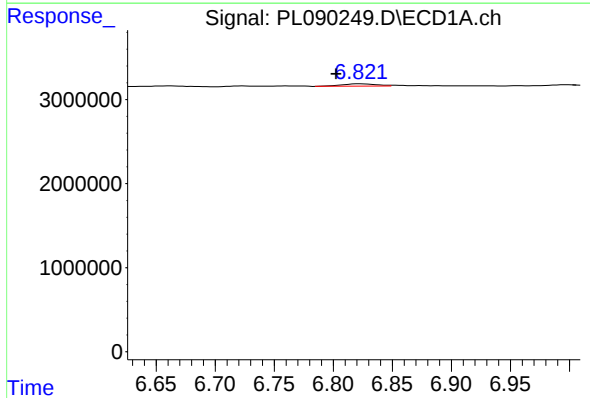
R.T.: 6.564 min  
Delta R.T.: -0.020 min  
Response: 62067  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



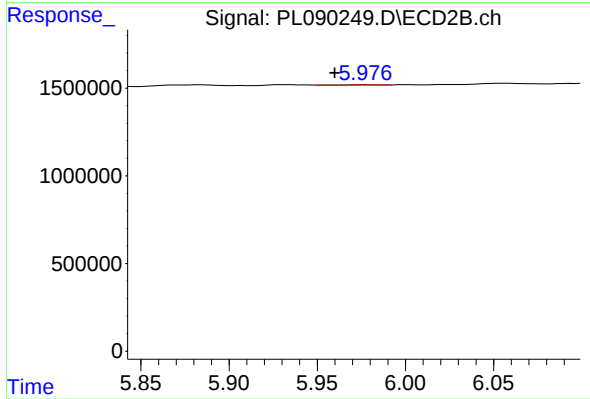
#14 Endrin

R.T.: 5.678 min  
Delta R.T.: 0.012 min  
Response: -32398  
Conc: N.D.



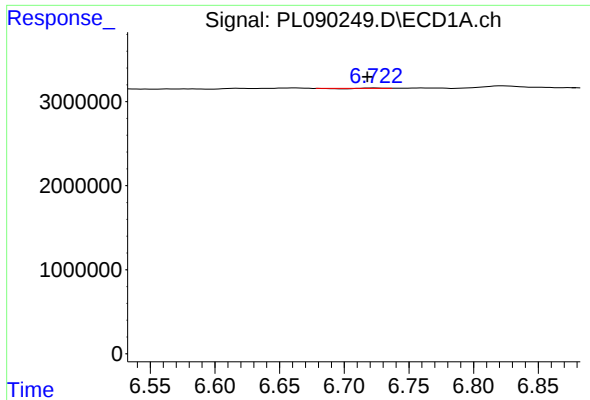
#15 Endosulfan II

R.T.: 6.822 min  
Delta R.T.: 0.020 min  
Response: 579515  
Conc: 0.28 ng/ml



#15 Endosulfan II

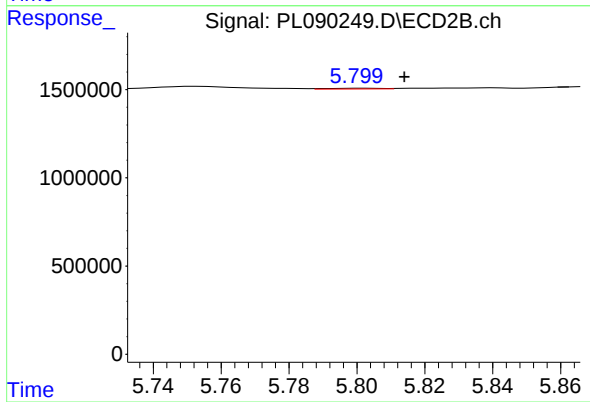
R.T.: 5.977 min  
Delta R.T.: 0.017 min  
Response: 43703  
Conc: 0.03 ng/ml



#16 4,4'-DDD

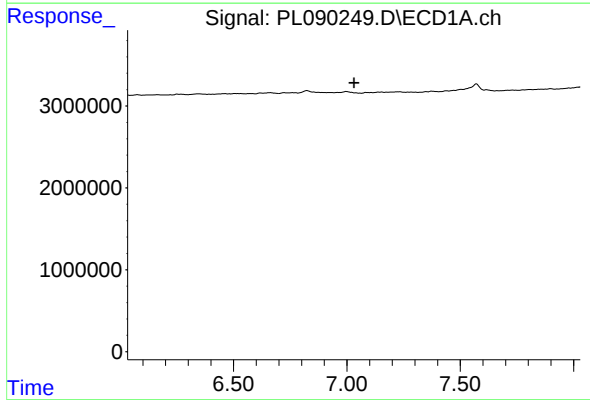
R.T.: 6.724 min  
Delta R.T.: 0.006 min  
Response: 11462  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



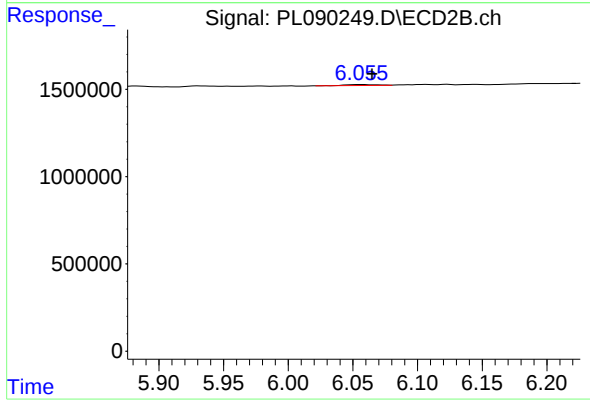
#16 4,4'-DDD

R.T.: 5.802 min  
Delta R.T.: -0.012 min  
Response: 48424  
Conc: 0.03 ng/ml



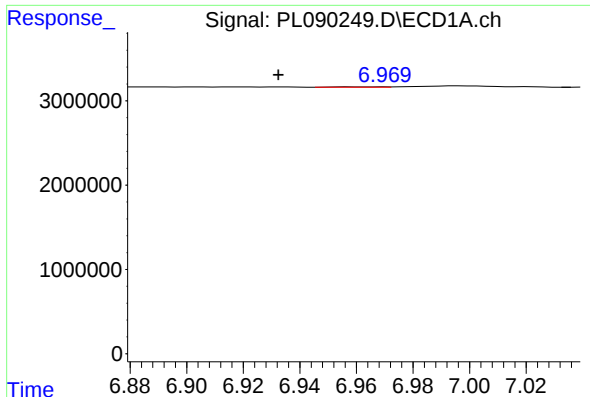
#17 4,4'-DDT

R.T.: 7.057 min  
Delta R.T.: 0.025 min  
Response: -8982  
Conc: N.D.



#17 4,4'-DDT

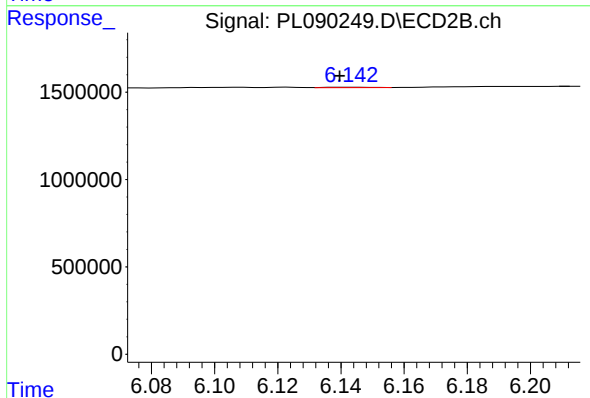
R.T.: 6.056 min  
Delta R.T.: -0.009 min  
Response: 88114  
Conc: 0.06 ng/ml



#18 Endrin aldehyde

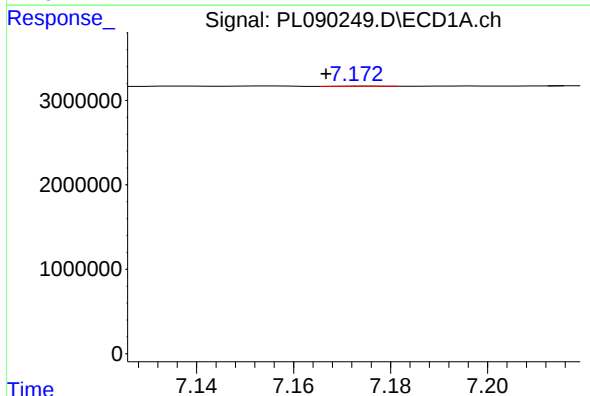
R.T.: 6.957 min  
Delta R.T.: 0.025 min  
Response: 58588  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



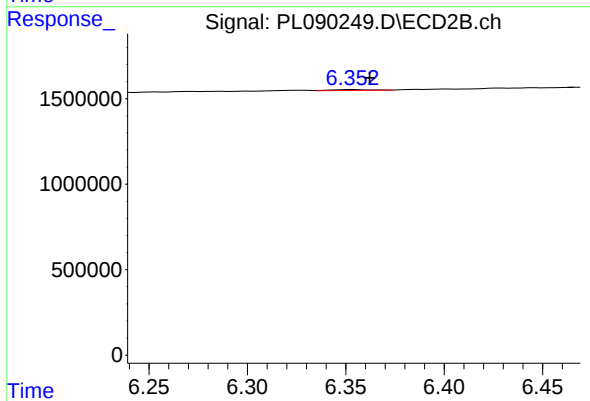
#18 Endrin aldehyde

R.T.: 6.144 min  
Delta R.T.: 0.004 min  
Response: 20268  
Conc: 0.02 ng/ml



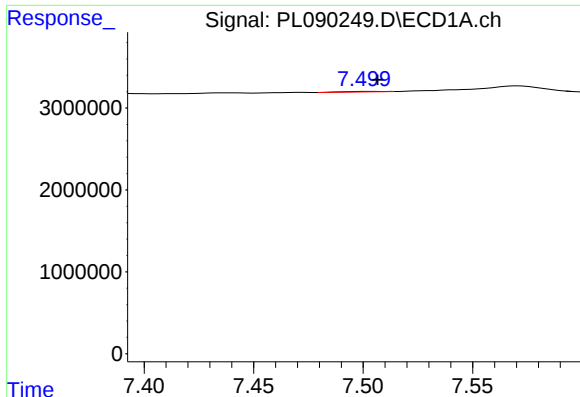
#19 Endosulfan Sulfate

R.T.: 7.175 min  
Delta R.T.: 0.008 min  
Response: 16911  
Conc: 0.01 ng/ml



#19 Endosulfan Sulfate

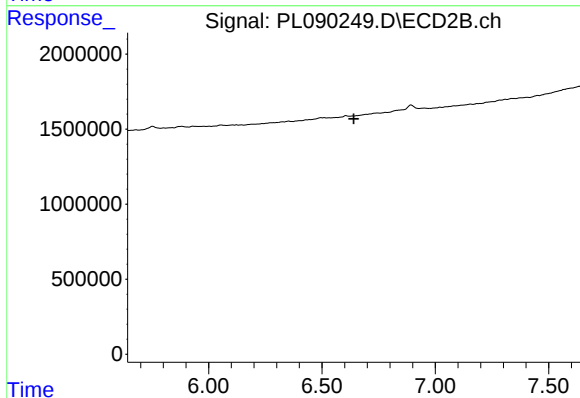
R.T.: 6.353 min  
Delta R.T.: -0.009 min  
Response: 68336  
Conc: 0.04 ng/ml



#20 Methoxychlor

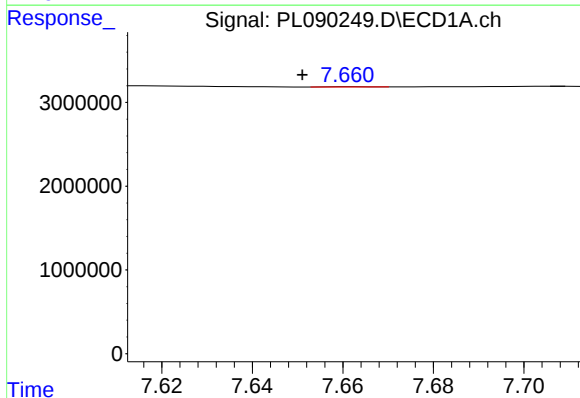
R.T.: 7.502 min  
Delta R.T.: -0.005 min  
Response: 56111  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



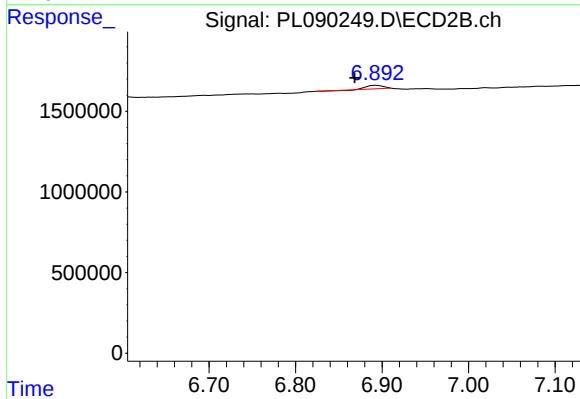
#20 Methoxychlor

R.T.: 6.637 min  
Delta R.T.: -0.003 min  
Response: -26265  
Conc: N.D.



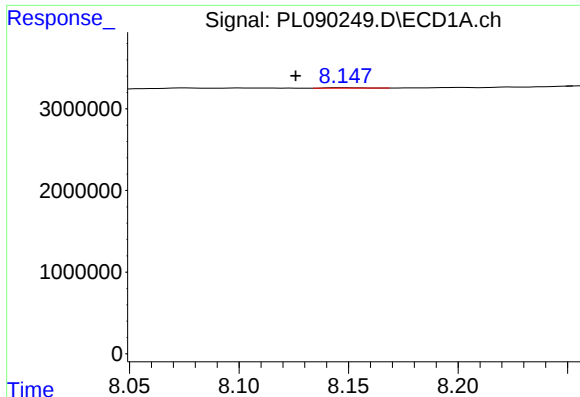
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: 0.011 min  
Response: 13134  
Conc: 0.01 ng/ml



#21 Endrin ketone

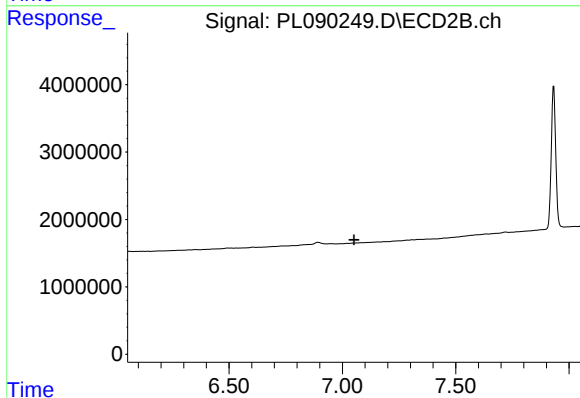
R.T.: 6.893 min  
Delta R.T.: 0.024 min  
Response: 305423  
Conc: 0.17 ng/ml



#22 Mirex

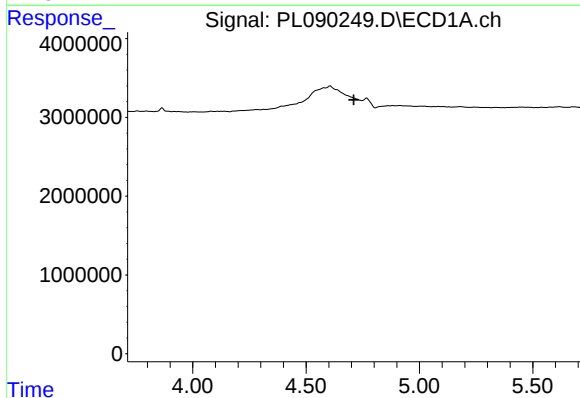
R.T.: 8.149 min  
Delta R.T.: 0.023 min  
Response: 53543  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



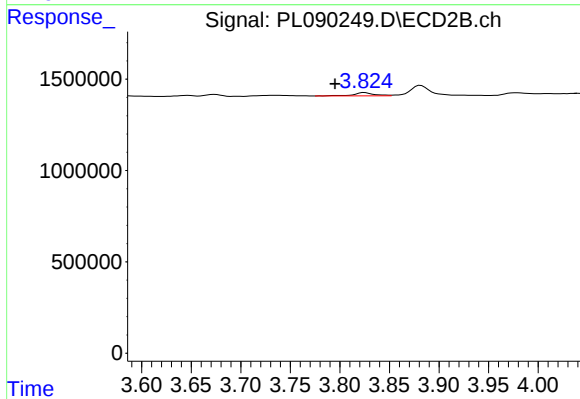
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.051 min  
Response: 0  
Conc: N.D.



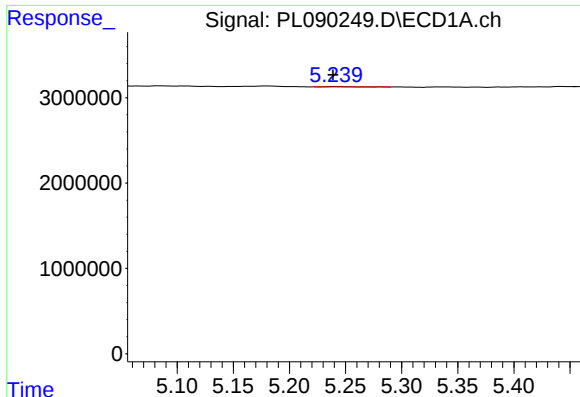
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.710 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

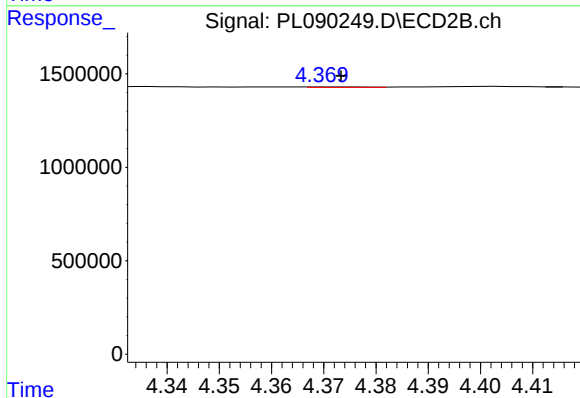
R.T.: 3.825 min  
Delta R.T.: 0.030 min  
Response: 253574  
Conc: 3.87 ng/ml



#24 Chlordane-2

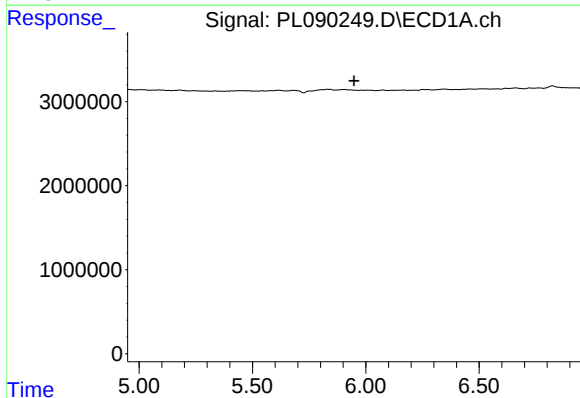
R.T.: 5.241 min  
Delta R.T.: 0.002 min  
Response: 59857  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



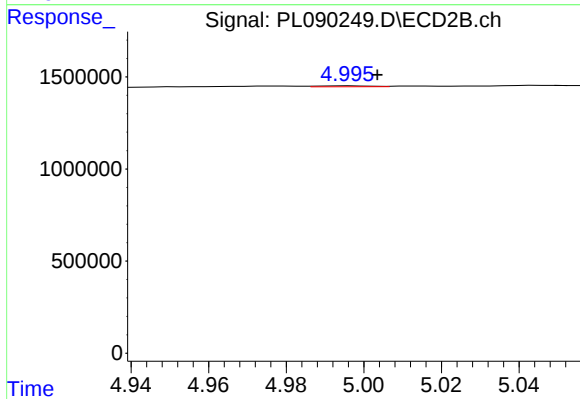
#24 Chlordane-2

R.T.: 4.372 min  
Delta R.T.: -0.001 min  
Response: 22834  
Conc: 0.29 ng/ml



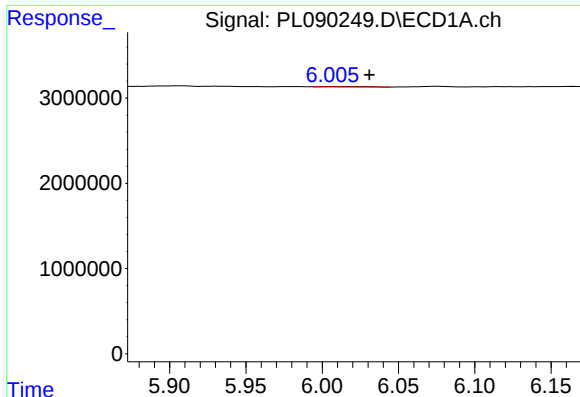
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.949 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

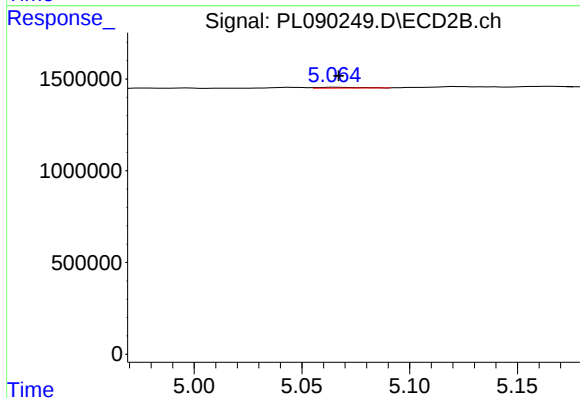
R.T.: 4.996 min  
Delta R.T.: -0.007 min  
Response: 48555  
Conc: 0.22 ng/ml



#26 Chlordane-4

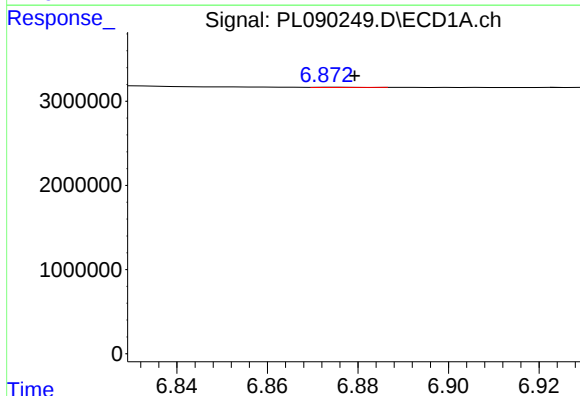
R.T.: 6.006 min  
Delta R.T.: -0.025 min  
Response: 103872  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



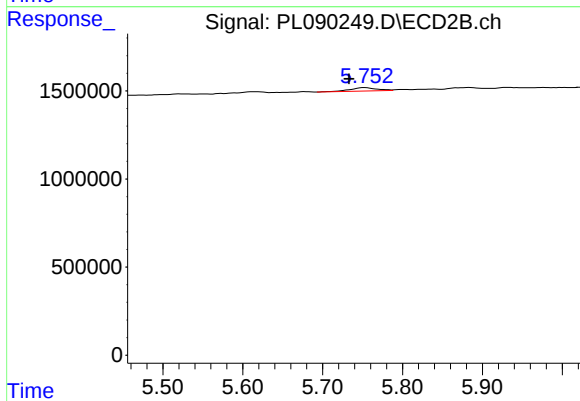
#26 Chlordane-4

R.T.: 5.066 min  
Delta R.T.: -0.001 min  
Response: 63852  
Conc: 0.30 ng/ml



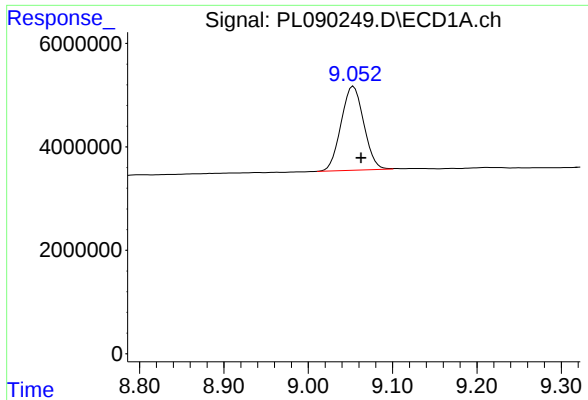
#27 Chlordane-5

R.T.: 6.875 min  
Delta R.T.: -0.005 min  
Response: 22839  
Conc: 0.24 ng/ml



#27 Chlordane-5

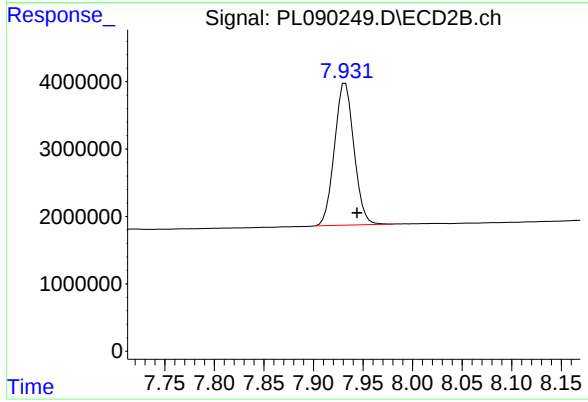
R.T.: 5.753 min  
Delta R.T.: 0.020 min  
Response: 444673  
Conc: 6.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: -0.009 min  
Response: 30388895  
Conc: 20.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161566TB



#28 Decachlorobiphenyl

R.T.: 7.932 min  
Delta R.T.: -0.012 min  
Response: 28776297  
Conc: 19.36 ng/ml