

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061524\  
 Data File : PL090161.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2024 17:15  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 14 01:47:48 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... | 3.550  | 2.791  | 45177606 | 31560945 | 21.577 | 22.012  |
| 28)                         | SA Decachlor... | 9.064  | 7.937  | 23739501 | 24250705 | 16.145 | 16.319  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.005  | 3.283f | 39989    | 72316    | 0.013  | 0.034 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.644  | 0        | 115724   | N.D.   | 0.055 # |
| 4)                          | MA Heptachlor   | 4.952f | 3.972  | 213742   | 31577    | 0.082  | 0.016 # |
| 5)                          | MB Aldrin       | 5.251f | 4.271f | 80807    | 287962   | 0.030  | 0.144 # |
| 6)                          | B beta-BHC      | 4.533  | 3.933  | 113687   | 137182   | 0.087  | 0.150 # |
| 7)                          | B delta-BHC     | 4.760f | 4.144  | 513109   | 96919    | 0.186  | 0.048 # |
| 8)                          | B Heptachlo...  | 5.690  | 0.000  | 851413   | 0        | 0.342  | N.D. #  |
| 9)                          | A Endosulfan I  | 6.087  | 5.146f | 213100   | 19095    | 0.094  | 0.011 # |
| 10)                         | B gamma-Chl...  | 5.947  | 5.002  | 174910   | 240101   | 0.072  | 0.129 # |
| 11)                         | B alpha-Chl...  | 6.023  | 5.054f | 365683   | 146926   | 0.152  | 0.078 # |
| 12)                         | B 4,4'-DDE      | 6.213  | 5.249  | 125607   | 78803    | 0.058  | 0.047   |
| 13)                         | MA Dieldrin     | 6.376f | 5.373f | 206202   | 93000    | 0.087  | 0.050 # |
| 14)                         | MA Endrin       | 6.575  | 5.677  | 192425   | 351650   | 0.096  | 0.215 # |
| 15)                         | B Endosulfa...  | 6.779f | 5.953  | 500132   | 44264    | 0.240  | 0.027 # |
| 16)                         | A 4,4'-DDD      | 6.736f | 5.793f | 32048    | 14263    | 0.018  | 0.010 # |
| 17)                         | MA 4,4'-DDT     | 7.025  | 6.045f | 165851   | 14514    | 0.090  | 0.010 # |
| 18)                         | B Endrin al...  | 6.937  | 6.132  | 57658    | 98179    | 0.037  | 0.081 # |
| 19)                         | B Endosulfa...  | 7.167  | 6.365  | 310155   | 172447   | 0.162  | 0.110 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.629  | 0        | 42378    | N.D.   | 0.048 # |
| 21)                         | B Endrin ke...  | 7.669f | 6.890f | 239682   | 208082   | 0.114  | 0.114   |
| 22)                         | Mirex           | 8.107f | 7.080f | 1315     | 62942    | 0.001  | 0.041 # |
| 23)                         | Chlordane-1     | 0.000  | 3.806  | 0        | 121626   | N.D.   | 1.855 # |
| 24)                         | Chlordane-2     | 5.251  | 4.344f | 80807    | 455181   | 0.673  | 5.706 # |
| 25)                         | Chlordane-3     | 5.947  | 5.002  | 174910   | 240101   | 0.437  | 1.079 # |
| 26)                         | Chlordane-4     | 6.023  | 5.054  | 365683   | 146926   | 0.748  | 0.695   |
| 27)                         | Chlordane-5     | 0.000  | 5.751f | 0        | 387032   | N.D.   | 5.701 # |
| -----                       |                 |        |        |          |          |        |         |

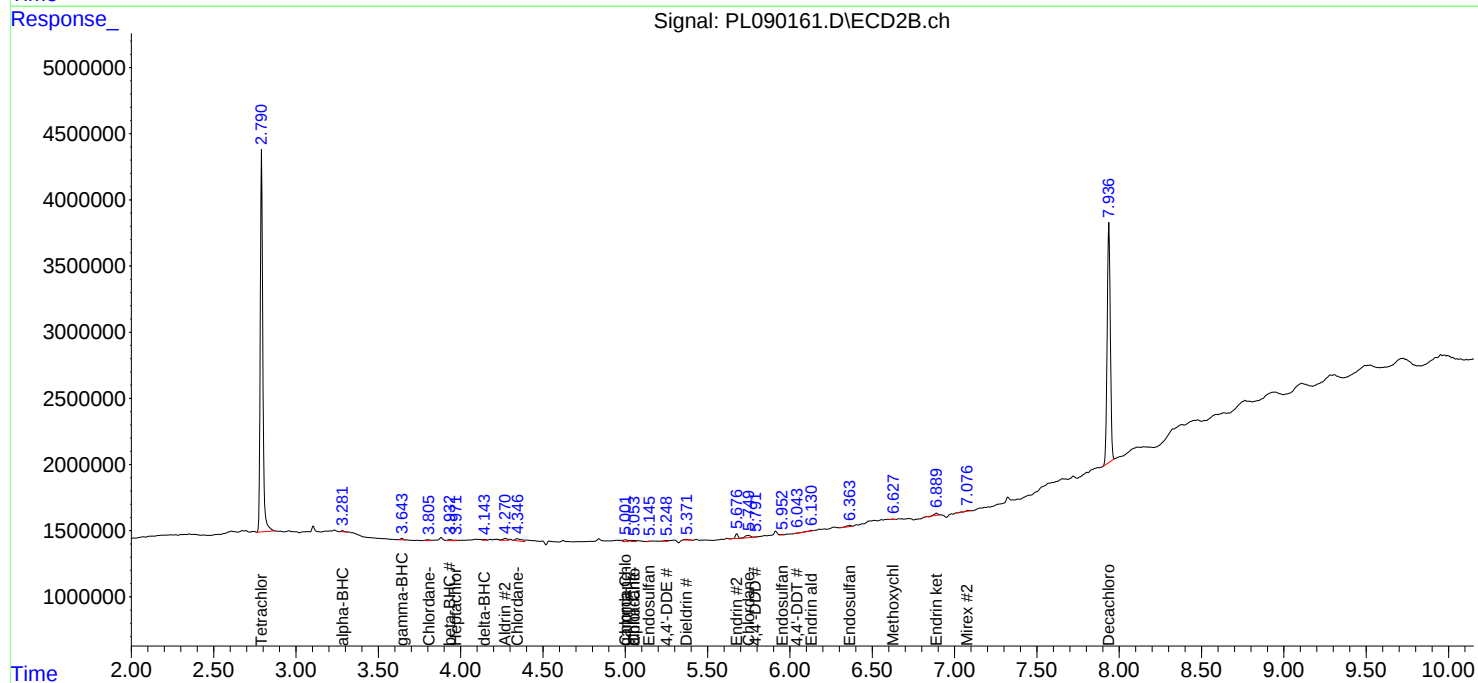
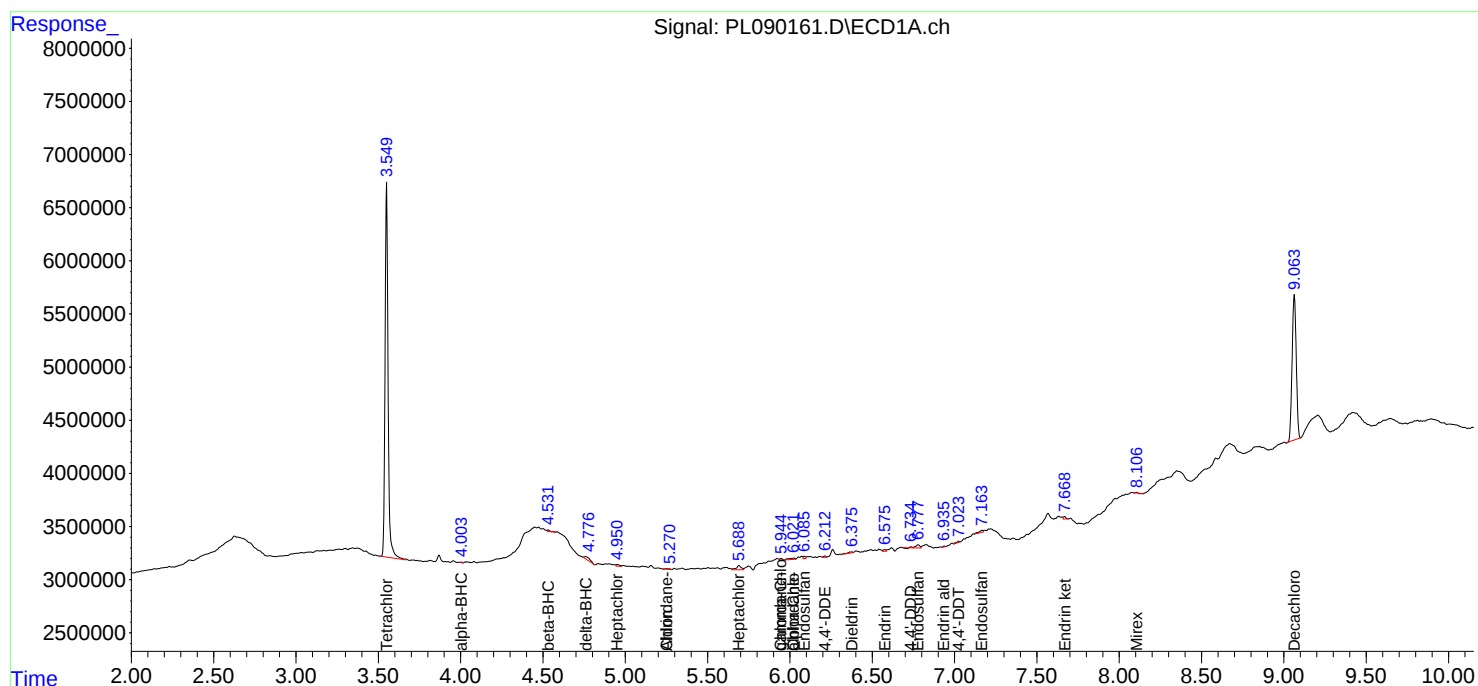
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

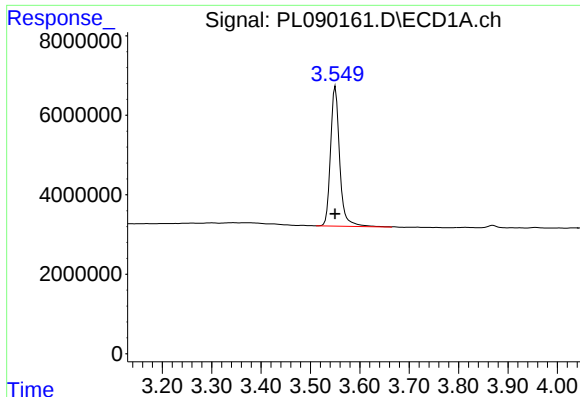
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061524\  
Data File : PL090161.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2024 17:15  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 14 01:47:48 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

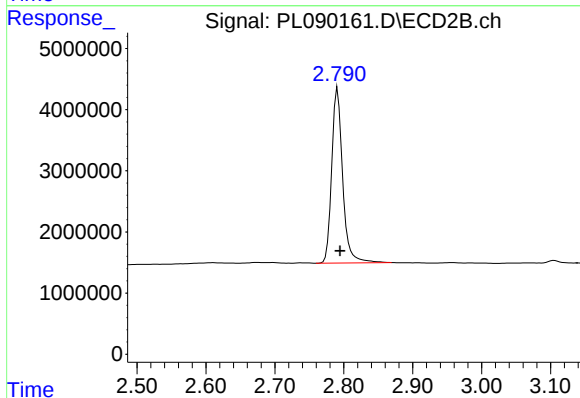




#1 Tetrachloro-m-xylene

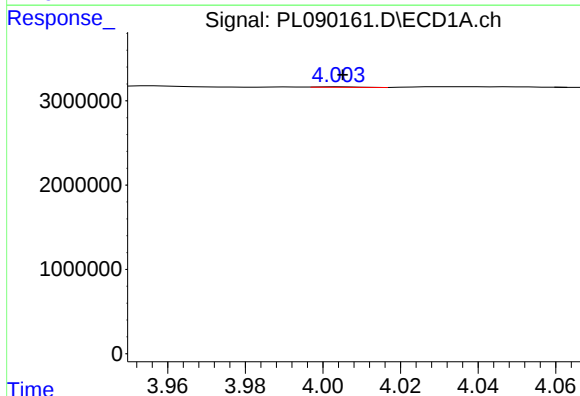
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 45177606  
Conc: 21.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



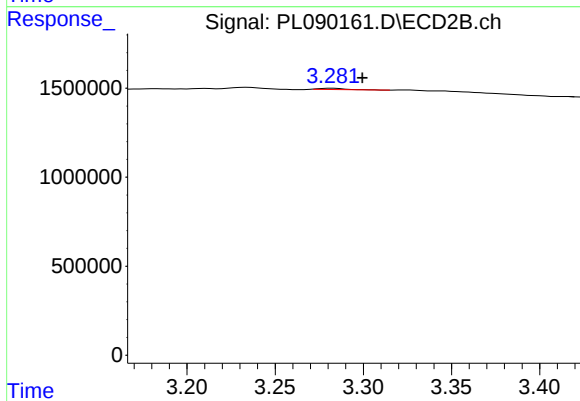
#1 Tetrachloro-m-xylene

R.T.: 2.791 min  
Delta R.T.: -0.004 min  
Response: 31560945  
Conc: 22.01 ng/ml



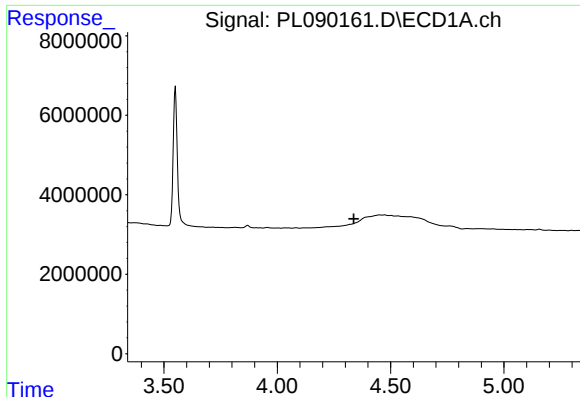
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: 0.000 min  
Response: 39989  
Conc: 0.01 ng/ml



#2 alpha-BHC

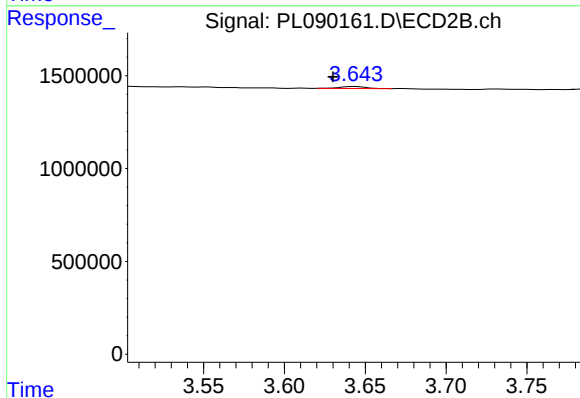
R.T.: 3.283 min  
Delta R.T.: -0.017 min  
Response: 72316  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

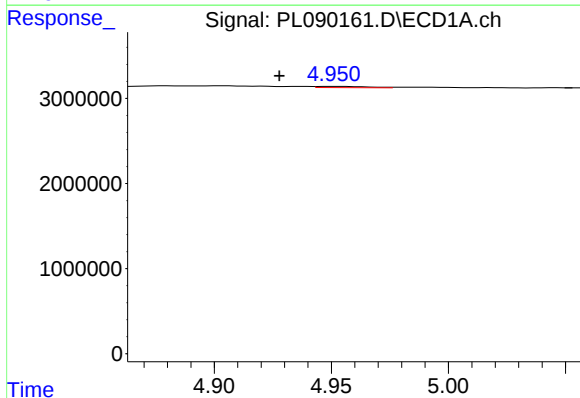
R.T.: 0.000 min  
Exp R.T.: 4.338 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



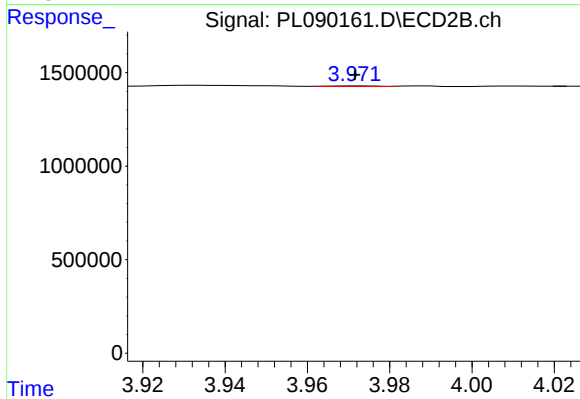
#3 gamma-BHC (Lindane)

R.T.: 3.644 min  
Delta R.T.: 0.014 min  
Response: 115724  
Conc: 0.06 ng/ml



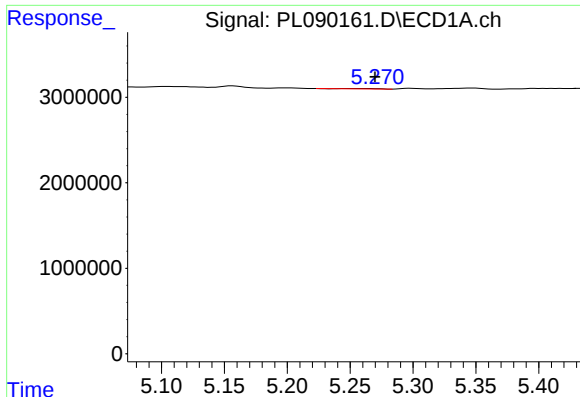
#4 Heptachlor

R.T.: 4.952 min  
Delta R.T.: 0.024 min  
Response: 213742  
Conc: 0.08 ng/ml



#4 Heptachlor

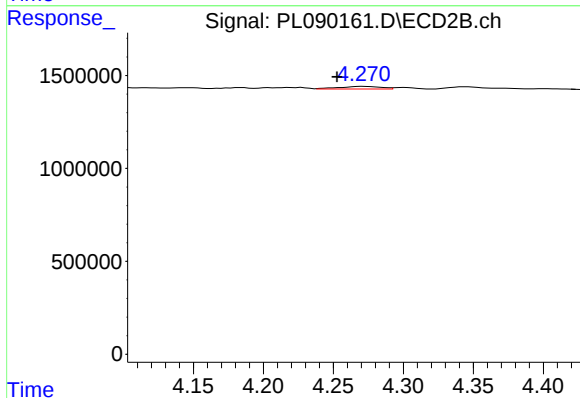
R.T.: 3.972 min  
Delta R.T.: 0.000 min  
Response: 31577  
Conc: 0.02 ng/ml



#5 Aldrin

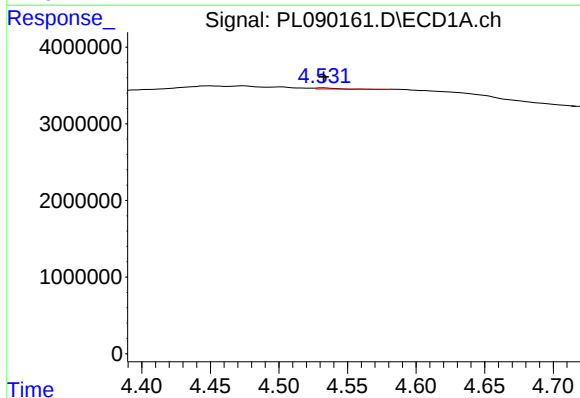
R.T.: 5.251 min  
Delta R.T.: -0.019 min  
Response: 80807  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



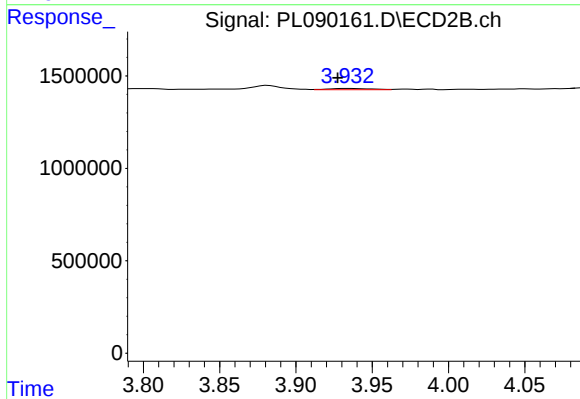
#5 Aldrin

R.T.: 4.271 min  
Delta R.T.: 0.019 min  
Response: 287962  
Conc: 0.14 ng/ml



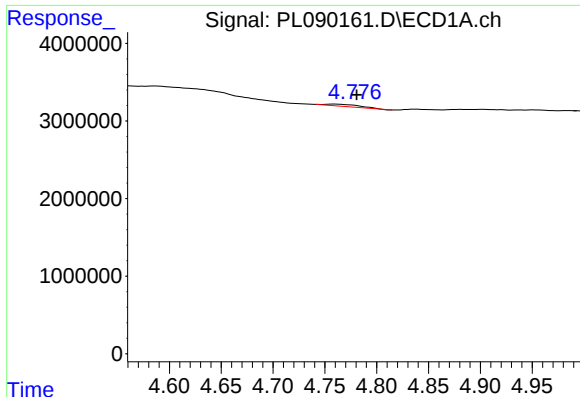
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 113687  
Conc: 0.09 ng/ml



#6 beta-BHC

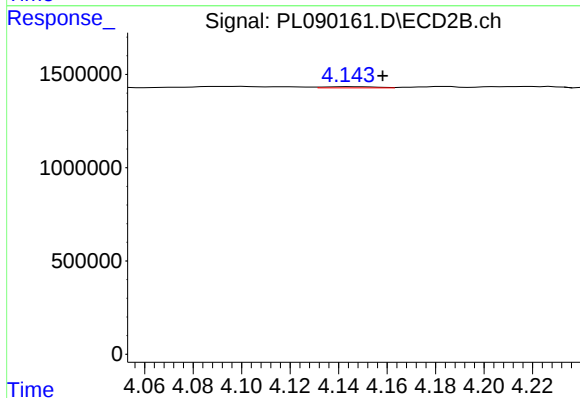
R.T.: 3.933 min  
Delta R.T.: 0.006 min  
Response: 137182  
Conc: 0.15 ng/ml



#7 delta-BHC

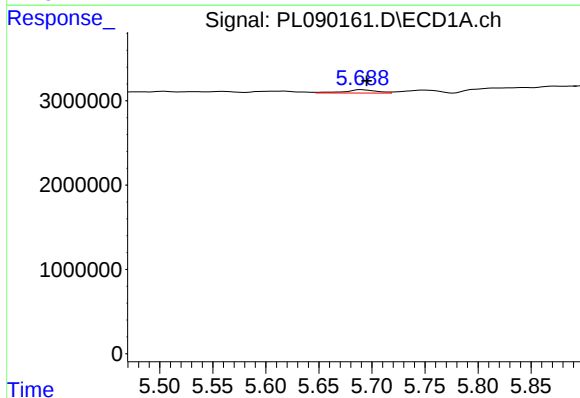
R.T.: 4.760 min  
Delta R.T.: -0.021 min  
Response: 513109  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



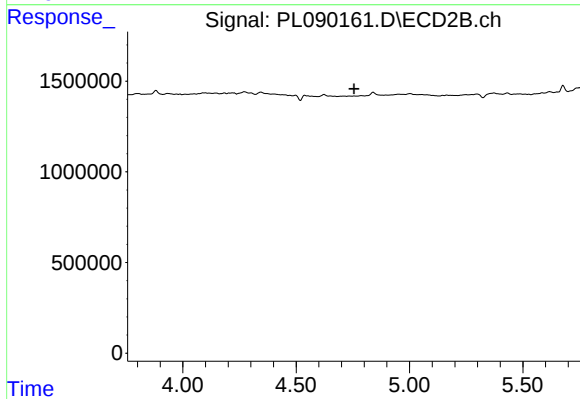
#7 delta-BHC

R.T.: 4.144 min  
Delta R.T.: -0.014 min  
Response: 96919  
Conc: 0.05 ng/ml



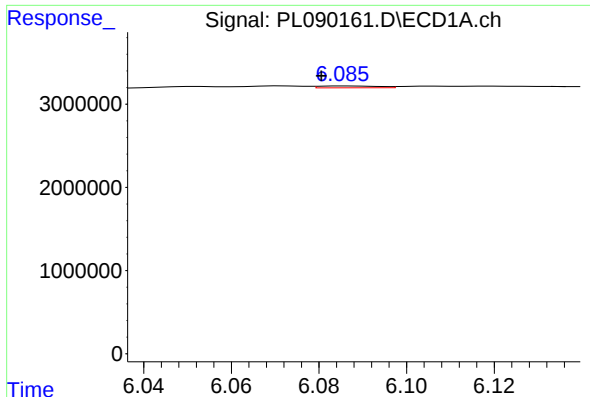
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.005 min  
Response: 851413  
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

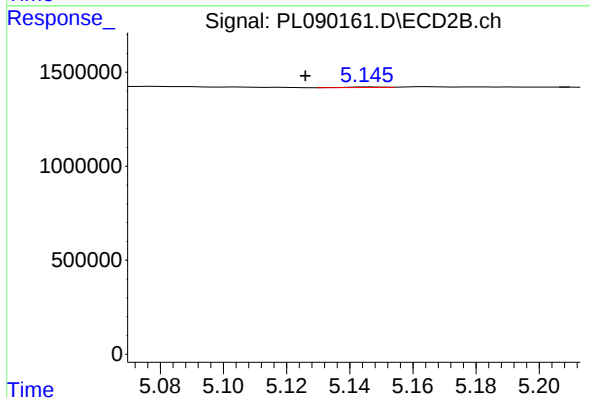
R.T.: 0.000 min  
Exp R.T. : 4.755 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

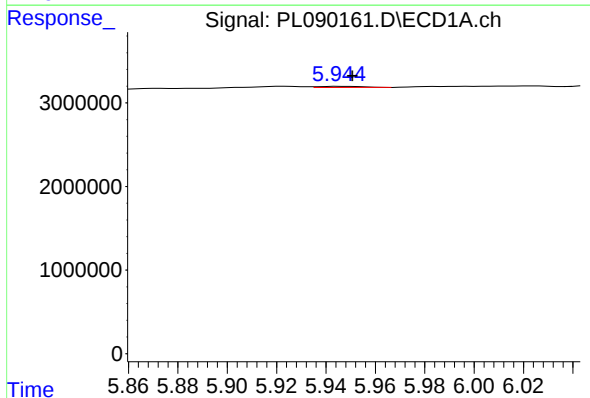
R.T.: 6.087 min  
Delta R.T.: 0.006 min  
Response: 213100  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



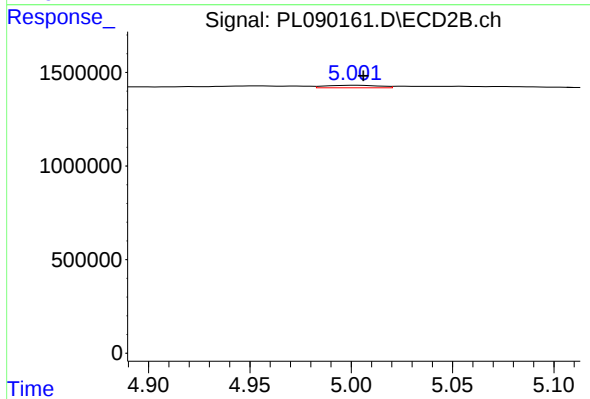
#9 Endosulfan I

R.T.: 5.146 min  
Delta R.T.: 0.020 min  
Response: 19095  
Conc: 0.01 ng/ml



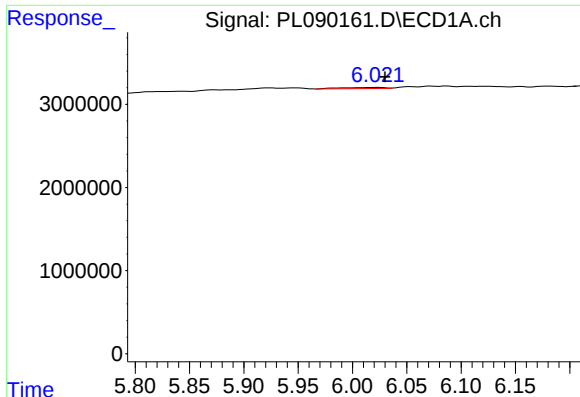
#10 gamma-Chlordane

R.T.: 5.947 min  
Delta R.T.: -0.004 min  
Response: 174910  
Conc: 0.07 ng/ml



#10 gamma-Chlordane

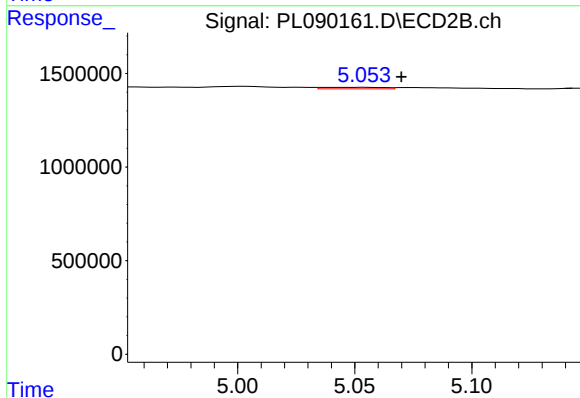
R.T.: 5.002 min  
Delta R.T.: -0.004 min  
Response: 240101  
Conc: 0.13 ng/ml



#11 alpha-Chlordane

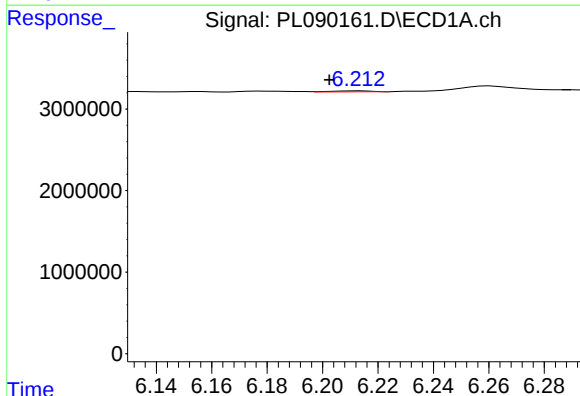
R.T.: 6.023 min  
Delta R.T.: -0.007 min  
Response: 365683  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



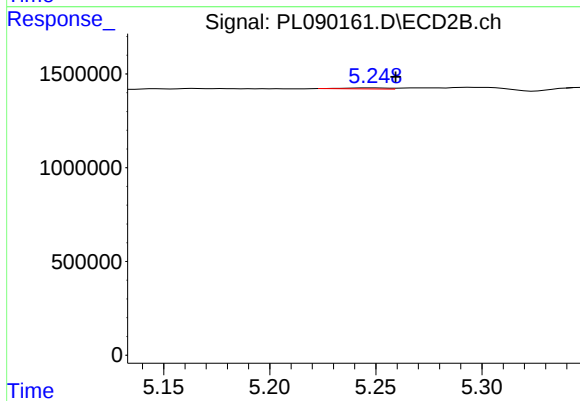
#11 alpha-Chlordane

R.T.: 5.054 min  
Delta R.T.: -0.016 min  
Response: 146926  
Conc: 0.08 ng/ml



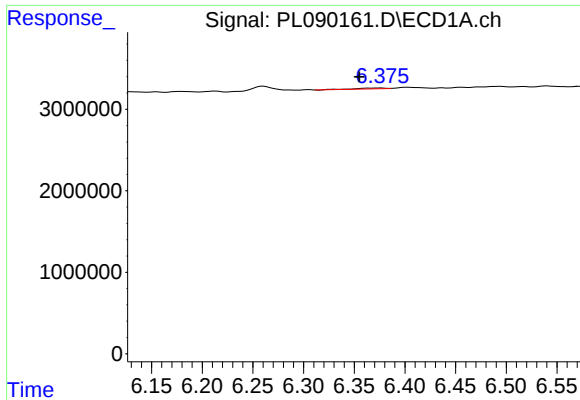
#12 4,4'-DDE

R.T.: 6.213 min  
Delta R.T.: 0.011 min  
Response: 125607  
Conc: 0.06 ng/ml



#12 4,4'-DDE

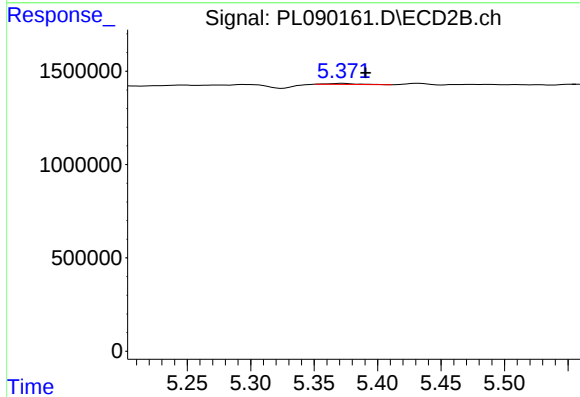
R.T.: 5.249 min  
Delta R.T.: -0.010 min  
Response: 78803  
Conc: 0.05 ng/ml



#13 Dieldrin

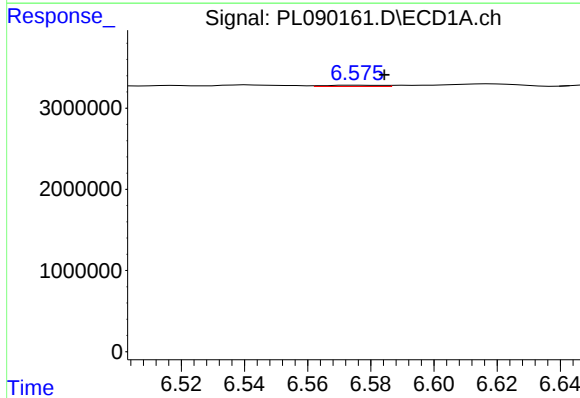
R.T.: 6.376 min  
Delta R.T.: 0.021 min  
Response: 206202  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



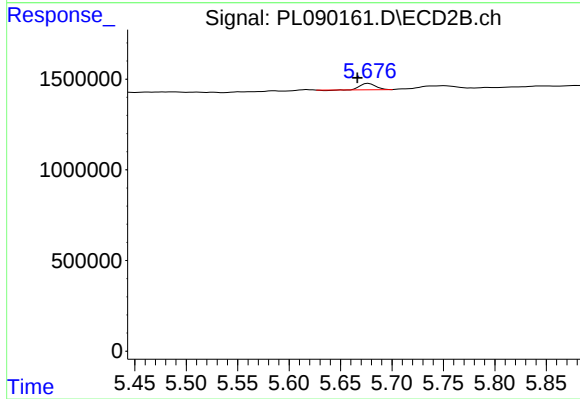
#13 Dieldrin

R.T.: 5.373 min  
Delta R.T.: -0.018 min  
Response: 93000  
Conc: 0.05 ng/ml



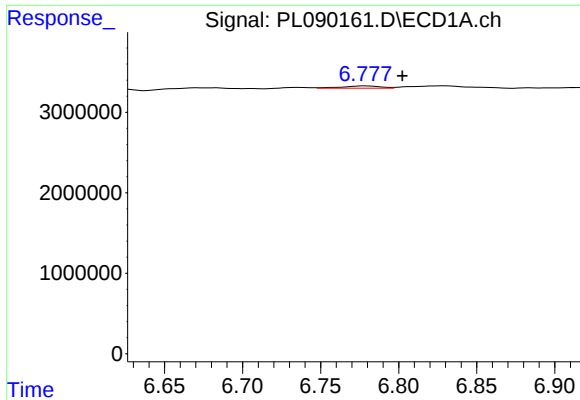
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: -0.009 min  
Response: 192425  
Conc: 0.10 ng/ml



#14 Endrin

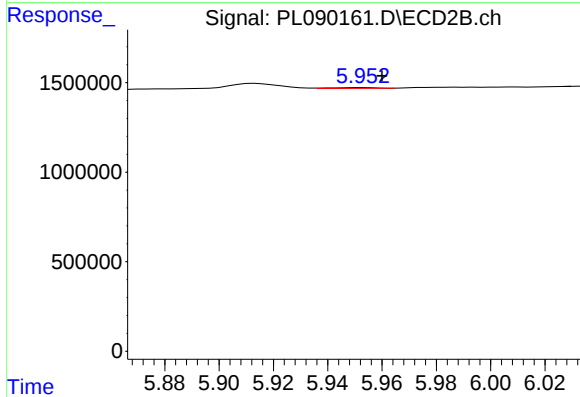
R.T.: 5.677 min  
Delta R.T.: 0.011 min  
Response: 351650  
Conc: 0.21 ng/ml



#15 Endosulfan II

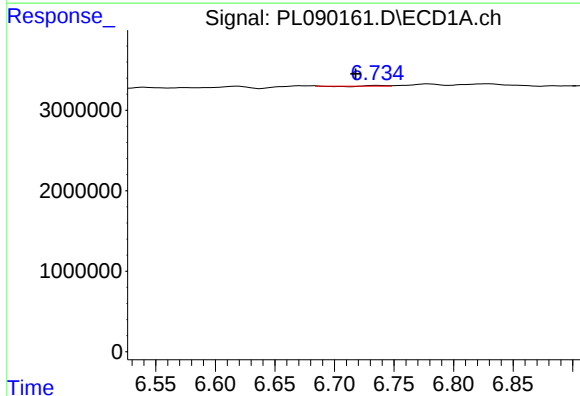
R.T.: 6.779 min  
Delta R.T.: -0.024 min  
Response: 500132  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



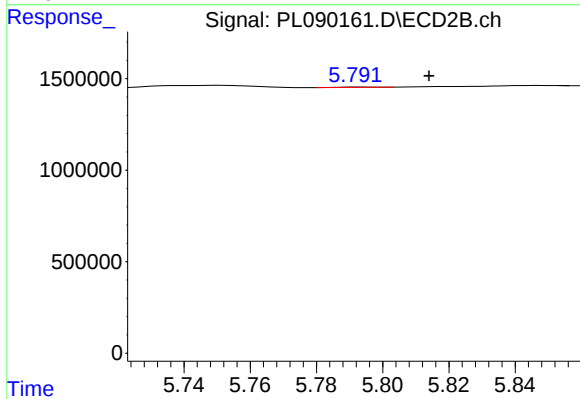
#15 Endosulfan II

R.T.: 5.953 min  
Delta R.T.: -0.007 min  
Response: 44264  
Conc: 0.03 ng/ml



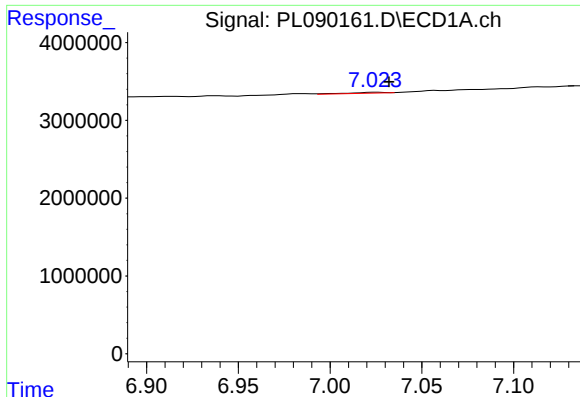
#16 4,4'-DDD

R.T.: 6.736 min  
Delta R.T.: 0.018 min  
Response: 32048  
Conc: 0.02 ng/ml



#16 4,4'-DDD

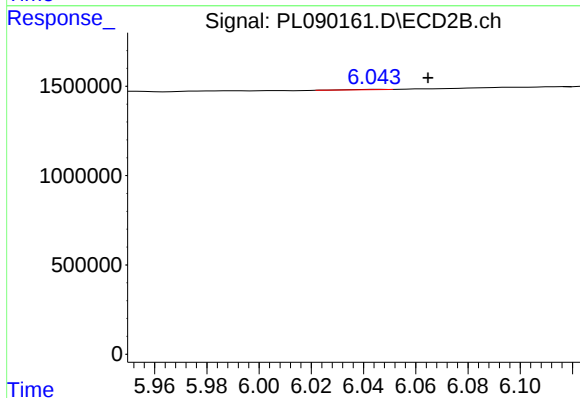
R.T.: 5.793 min  
Delta R.T.: -0.021 min  
Response: 14263  
Conc: 0.01 ng/ml



#17 4,4'-DDT

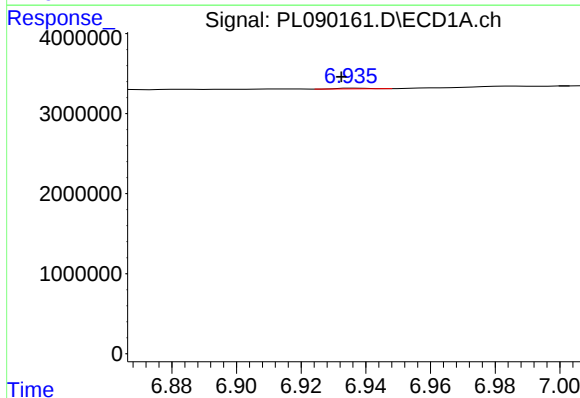
R.T.: 7.025 min  
Delta R.T.: -0.007 min  
Response: 165851  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



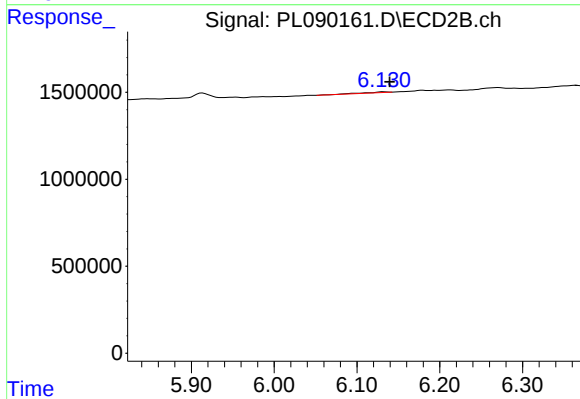
#17 4,4'-DDT

R.T.: 6.045 min  
Delta R.T.: -0.019 min  
Response: 14514  
Conc: 0.01 ng/ml



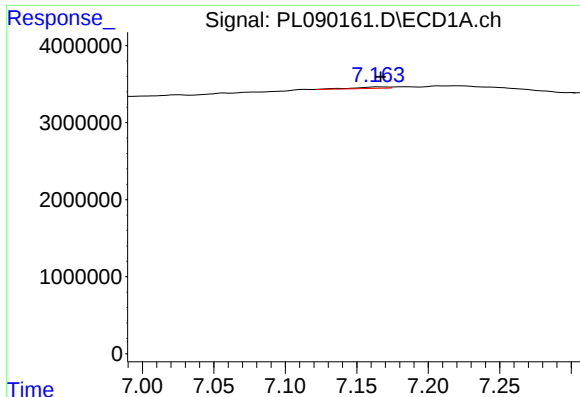
#18 Endrin aldehyde

R.T.: 6.937 min  
Delta R.T.: 0.005 min  
Response: 57658  
Conc: 0.04 ng/ml



#18 Endrin aldehyde

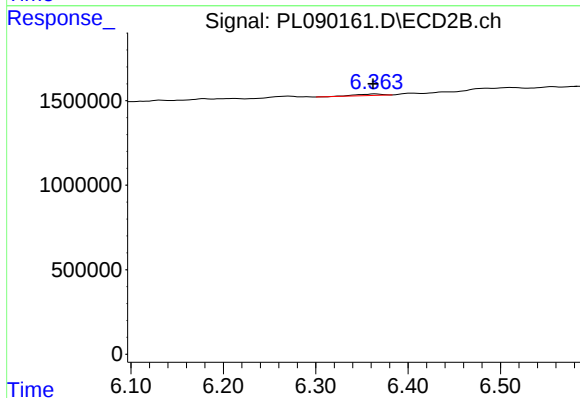
R.T.: 6.132 min  
Delta R.T.: -0.008 min  
Response: 98179  
Conc: 0.08 ng/ml



#19 Endosulfan Sulfate

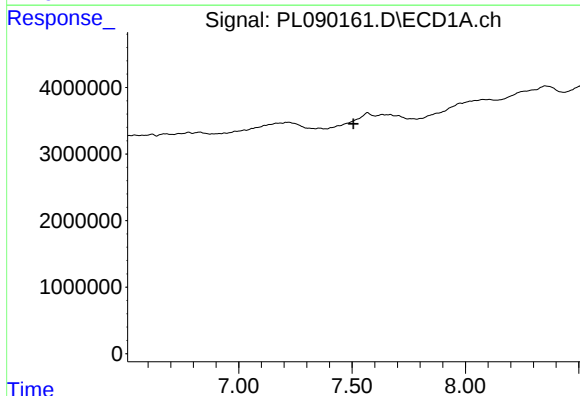
R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 310155  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



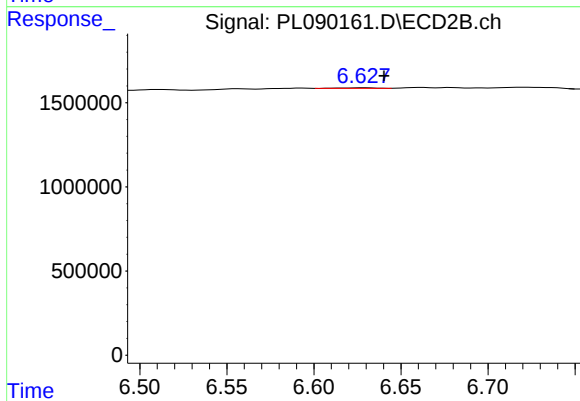
#19 Endosulfan Sulfate

R.T.: 6.365 min  
Delta R.T.: 0.003 min  
Response: 172447  
Conc: 0.11 ng/ml



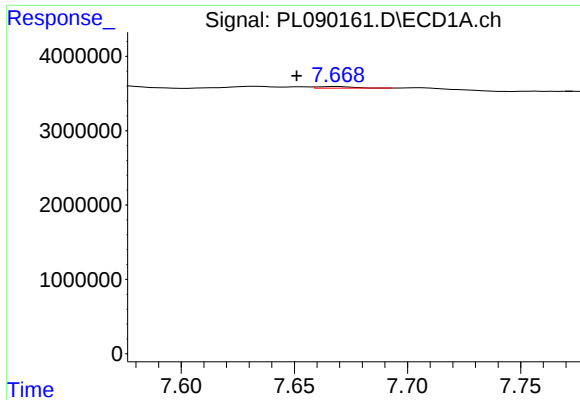
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.507 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

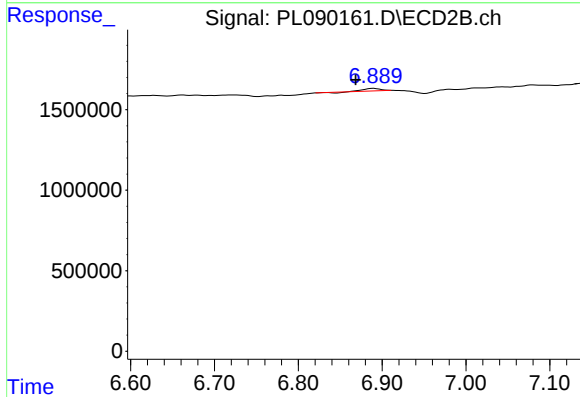
R.T.: 6.629 min  
Delta R.T.: -0.012 min  
Response: 42378  
Conc: 0.05 ng/ml



#21 Endrin ketone

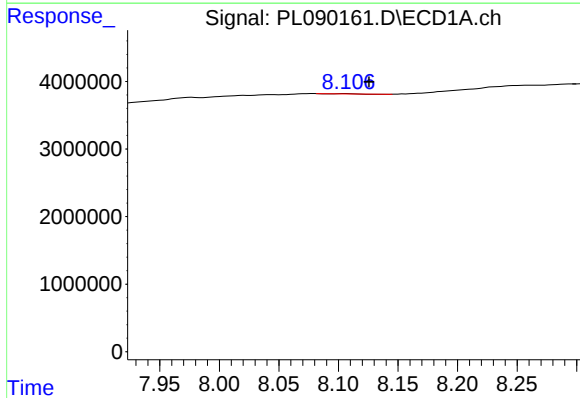
R.T.: 7.669 min  
Delta R.T.: 0.018 min  
Response: 239682  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



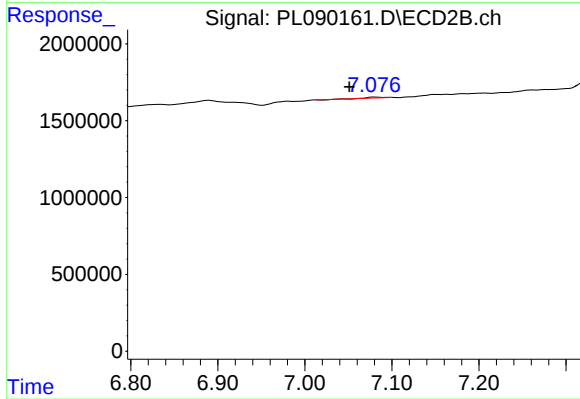
#21 Endrin ketone

R.T.: 6.890 min  
Delta R.T.: 0.022 min  
Response: 208082  
Conc: 0.11 ng/ml



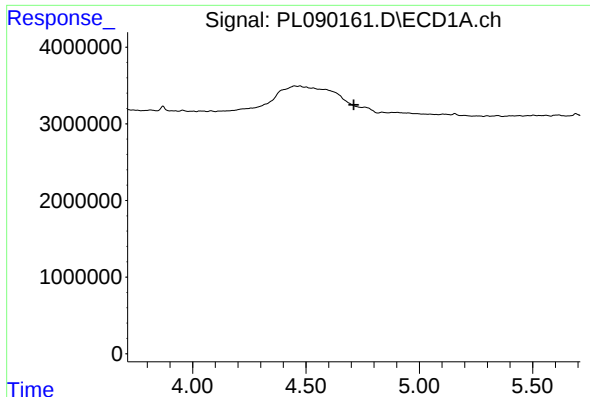
#22 Mirex

R.T.: 8.107 min  
Delta R.T.: -0.019 min  
Response: 1315  
Conc: 0.00 ng/ml



#22 Mirex

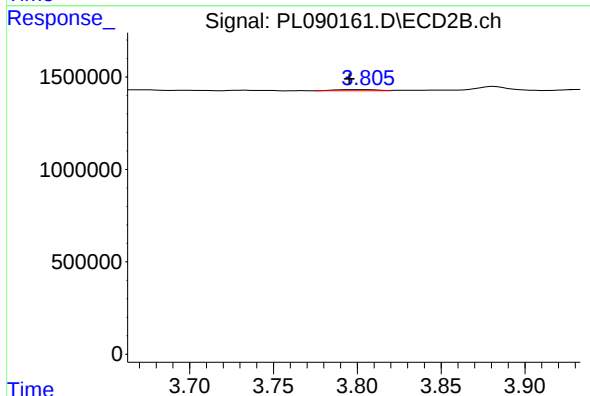
R.T.: 7.080 min  
Delta R.T.: 0.029 min  
Response: 62942  
Conc: 0.04 ng/ml



#23 Chlordane-1

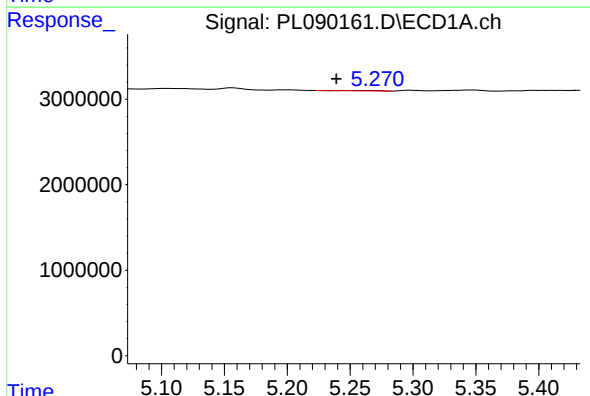
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



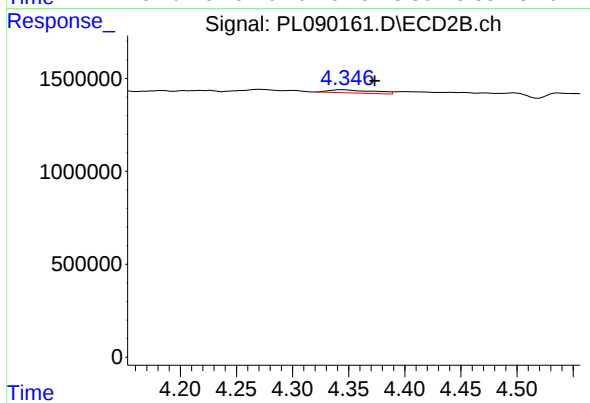
#23 Chlordane-1

R.T.: 3.806 min  
Delta R.T.: 0.010 min  
Response: 121626  
Conc: 1.85 ng/ml



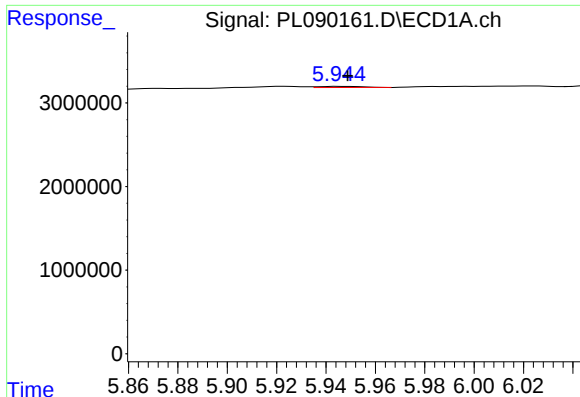
#24 Chlordane-2

R.T.: 5.251 min  
Delta R.T.: 0.012 min  
Response: 80807  
Conc: 0.67 ng/ml



#24 Chlordane-2

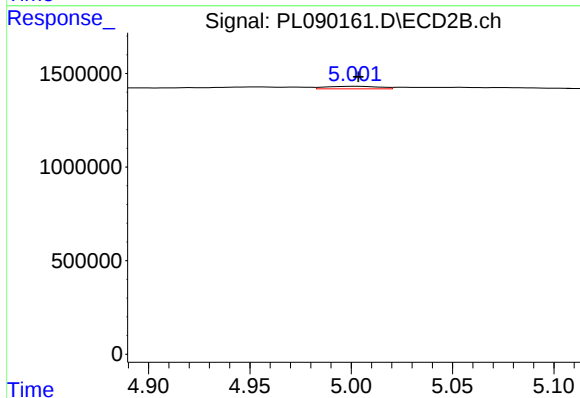
R.T.: 4.344 min  
Delta R.T.: -0.029 min  
Response: 455181  
Conc: 5.71 ng/ml



#25 Chlordane-3

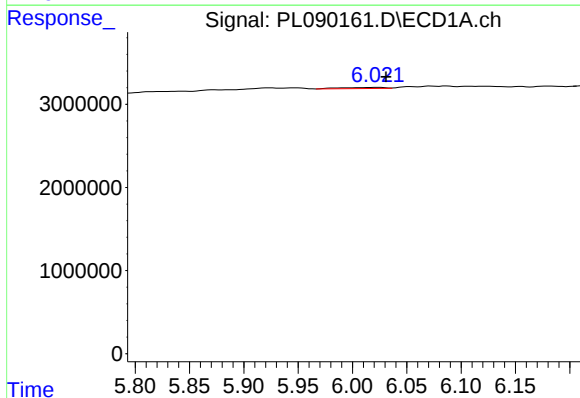
R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 174910  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



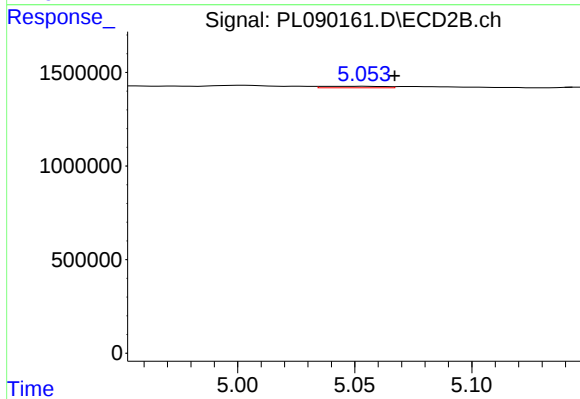
#25 Chlordane-3

R.T.: 5.002 min  
Delta R.T.: -0.001 min  
Response: 240101  
Conc: 1.08 ng/ml



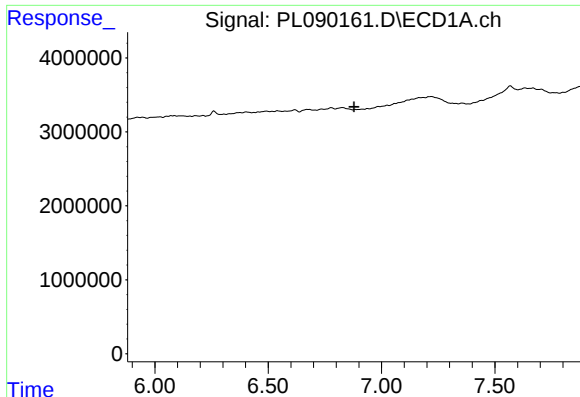
#26 Chlordane-4

R.T.: 6.023 min  
Delta R.T.: -0.008 min  
Response: 365683  
Conc: 0.75 ng/ml



#26 Chlordane-4

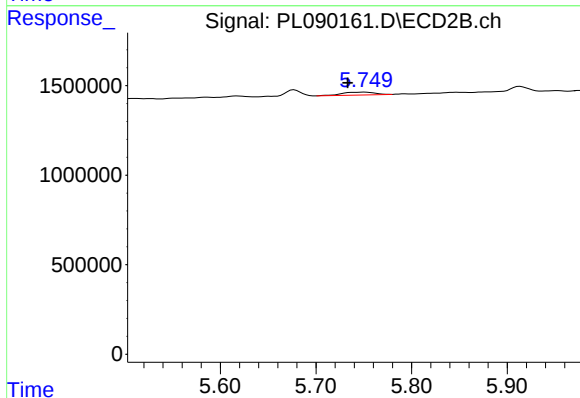
R.T.: 5.054 min  
Delta R.T.: -0.013 min  
Response: 146926  
Conc: 0.69 ng/ml



#27 Chlordane-5

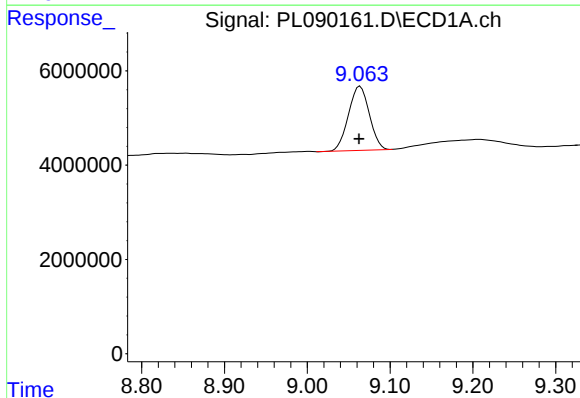
R.T.: 0.000 min  
Exp R.T.: 6.879 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



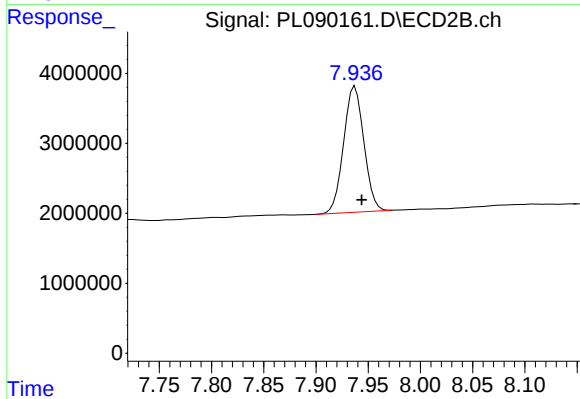
#27 Chlordane-5

R.T.: 5.751 min  
Delta R.T.: 0.018 min  
Response: 387032  
Conc: 5.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: 0.001 min  
Response: 23739501  
Conc: 16.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.937 min  
Delta R.T.: -0.007 min  
Response: 24250705  
Conc: 16.32 ng/ml