

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070124\  
 Data File : PL090409.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Jul 2024 09:16  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 02 01:42:07 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062424.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 25 11:05:38 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... | 3.554  | 2.790  | 46647972 | 33793094 | 20.554 | 21.364  |
| 28)                         | SA Decachlor... | 9.071  | 7.939  | 33250078 | 31516759 | 21.560 | 21.128  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.281  | 0        | 98955    | N.D.   | 0.044 # |
| 3)                          | MA gamma-BHC... | 4.346  | 3.644f | 23974    | 184177   | 0.008  | 0.086 # |
| 4)                          | MA Heptachlor   | 4.922  | 3.968  | 1303552  | 45503    | 0.469  | 0.022 # |
| 5)                          | MB Aldrin       | 5.271  | 4.269f | 720860   | 221880   | 0.263  | 0.112 # |
| 6)                          | B beta-BHC      | 4.533  | 3.932  | 134098   | 134853   | 0.100  | 0.140 # |
| 7)                          | B delta-BHC     | 4.776  | 4.153  | 967420   | 55215    | 0.343  | 0.027 # |
| 8)                          | B Heptachlo...  | 5.696  | 4.758  | 1104811  | 9805     | 0.433  | 0.005 # |
| 9)                          | A Endosulfan I  | 6.086  | 5.129  | 351115   | 14578    | 0.149  | 0.008 # |
| 10)                         | B gamma-Chl...  | 5.944  | 5.007  | 316273   | 67192    | 0.125  | 0.035 # |
| 11)                         | B alpha-Chl...  | 6.013  | 5.057  | 197066   | 45576    | 0.079  | 0.024 # |
| 12)                         | B 4,4'-DDE      | 6.205  | 5.262  | 47698    | 23667    | 0.022  | 0.014 # |
| 13)                         | MA Dieldrin     | 6.338  | 5.377  | 79572    | 58018    | 0.033  | 0.031   |
| 14)                         | MA Endrin       | 6.591  | 5.678f | 397918   | 420983   | 0.188  | 0.255 # |
| 15)                         | B Endosulfa...  | 6.784f | 0.000  | 2314445  | 0        | 1.047  | N.D. #  |
| 16)                         | A 4,4'-DDD      | 6.716  | 5.801  | 249061   | 5622     | 0.136  | 0.004 # |
| 17)                         | MA 4,4'-DDT     | 7.048f | 6.072  | 24279    | 130177   | 0.013  | 0.088 # |
| 18)                         | B Endrin al...  | 6.940  | 6.158f | 470439   | 85914    | 0.279  | 0.067 # |
| 19)                         | B Endosulfa...  | 7.158  | 6.357  | 186363   | 216338   | 0.094  | 0.138 # |
| 20)                         | A Methoxychlor  | 7.482f | 6.627  | 53936    | 42618    | 0.052  | 0.051   |
| 21)                         | B Endrin ke...  | 7.647  | 6.867  | 152313   | 110037   | 0.070  | 0.061   |
| 22)                         | Mirex           | 8.115  | 0.000  | 98251    | 0        | 0.057  | N.D. #  |
| 23)                         | Chlordane-1     | 0.000  | 3.808f | 0        | 70773    | N.D.   | 1.162 # |
| 24)                         | Chlordane-2     | 5.243  | 4.385  | 463823   | 55206    | 3.910  | 0.781 # |
| 25)                         | Chlordane-3     | 5.944  | 5.007  | 316273   | 67192    | 0.860  | 0.333 # |
| 26)                         | Chlordane-4     | 6.013  | 5.057  | 197066   | 45576    | 0.442  | 0.239 # |
| 27)                         | Chlordane-5     | 6.870  | 5.709f | 152736   | 158918   | 1.696  | 2.631 # |
| -----                       |                 |        |        |          |          |        |         |

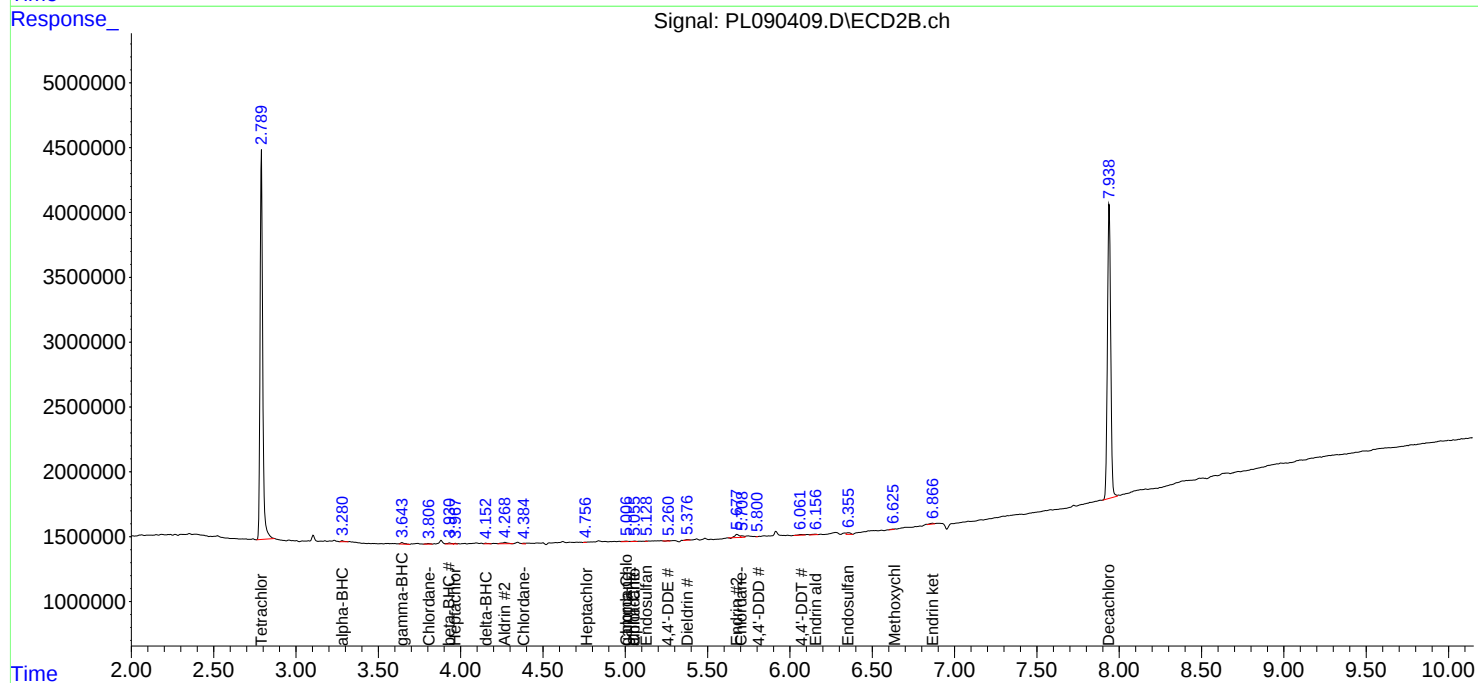
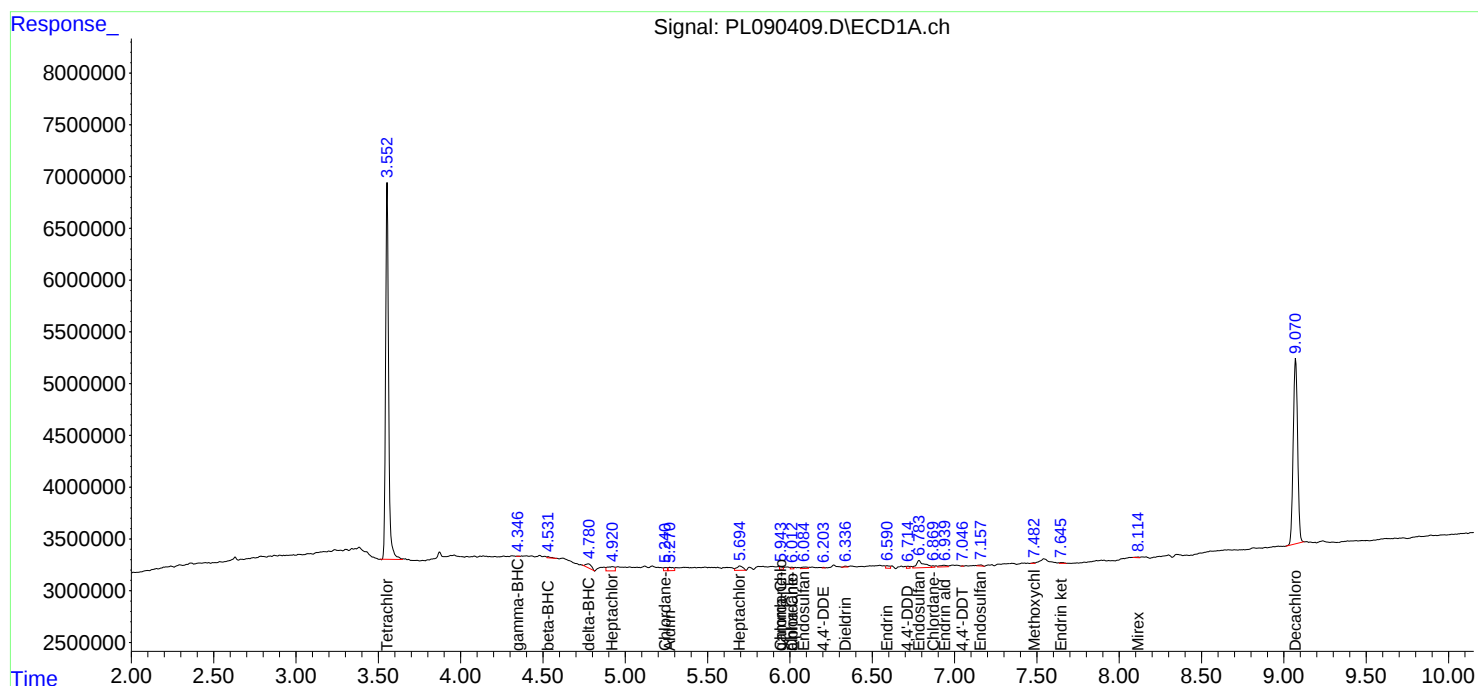
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

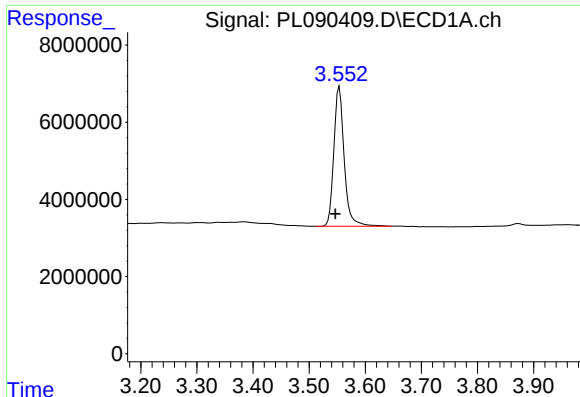
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070124\  
Data File : PL090409.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Jul 2024 09:16  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 02 01:42:07 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062424.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 25 11:05:38 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

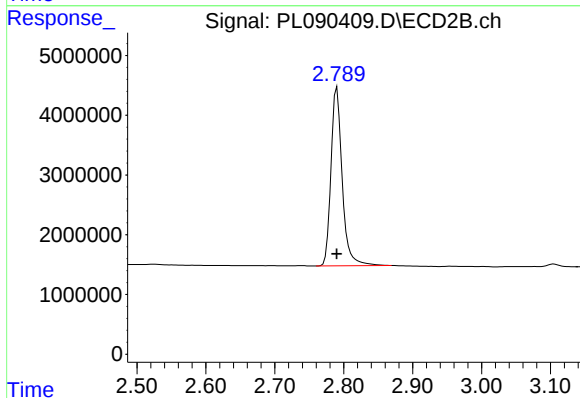




#1 Tetrachloro-m-xylene

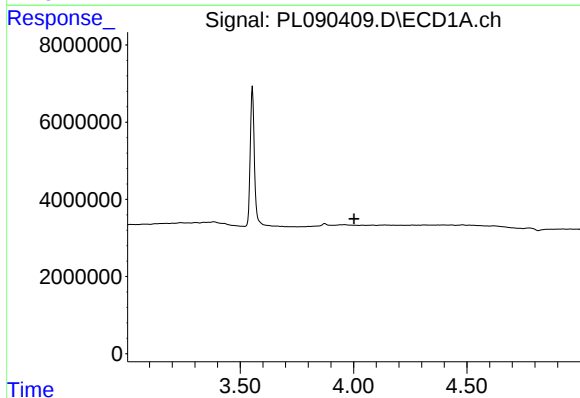
R.T.: 3.554 min  
Delta R.T.: 0.007 min  
Response: 46647972  
Conc: 20.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



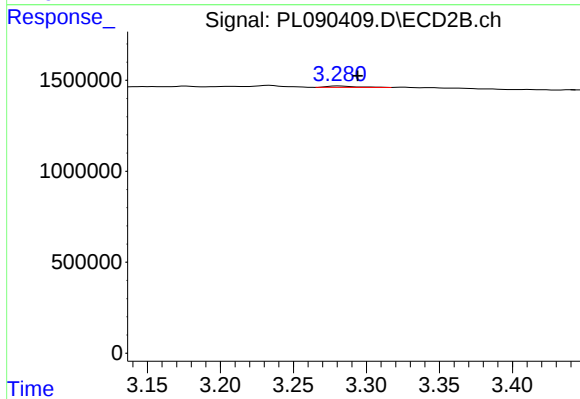
#1 Tetrachloro-m-xylene

R.T.: 2.790 min  
Delta R.T.: 0.000 min  
Response: 33793094  
Conc: 21.36 ng/ml



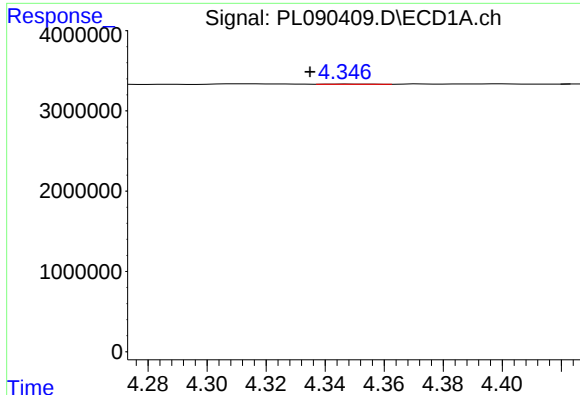
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.002 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

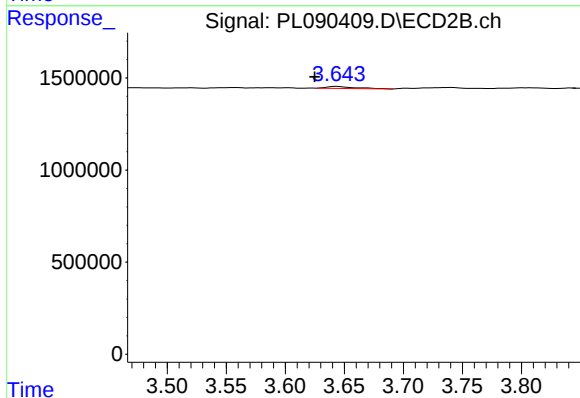
R.T.: 3.281 min  
Delta R.T.: -0.013 min  
Response: 98955  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

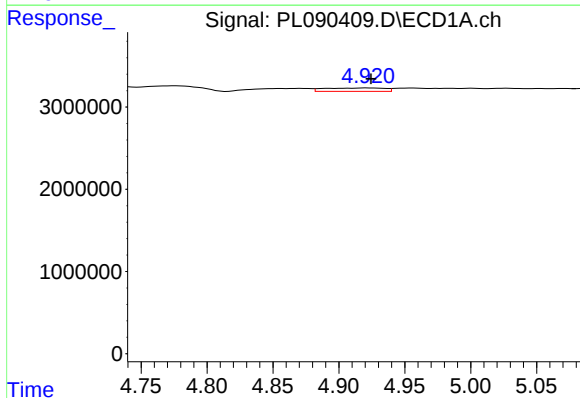
R.T.: 4.346 min  
Delta R.T.: 0.012 min  
Response: 23974  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



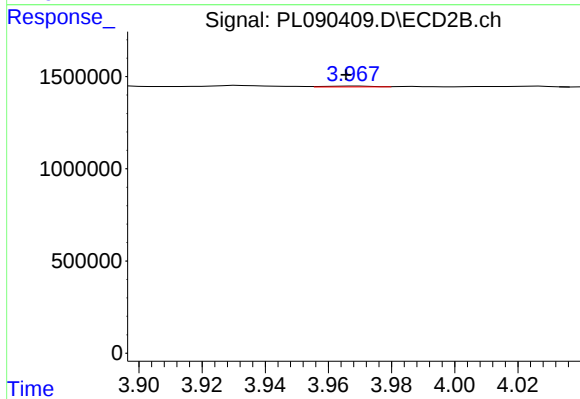
#3 gamma-BHC (Lindane)

R.T.: 3.644 min  
Delta R.T.: 0.019 min  
Response: 184177  
Conc: 0.09 ng/ml



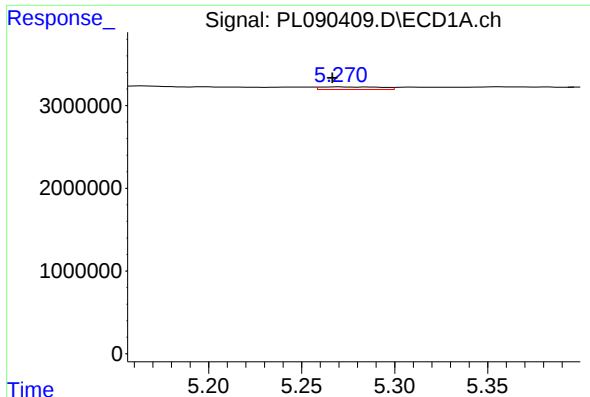
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: -0.002 min  
Response: 1303552  
Conc: 0.47 ng/ml



#4 Heptachlor

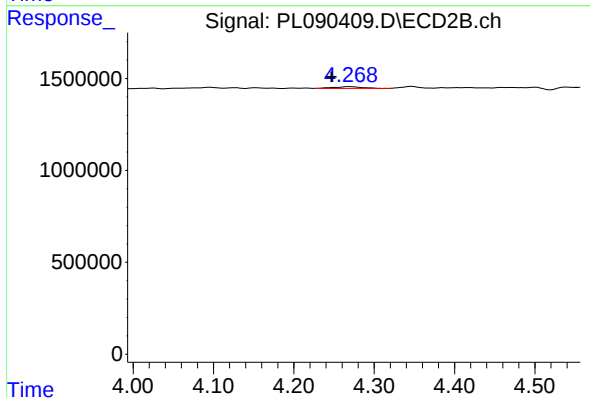
R.T.: 3.968 min  
Delta R.T.: 0.003 min  
Response: 45503  
Conc: 0.02 ng/ml



#5 Aldrin

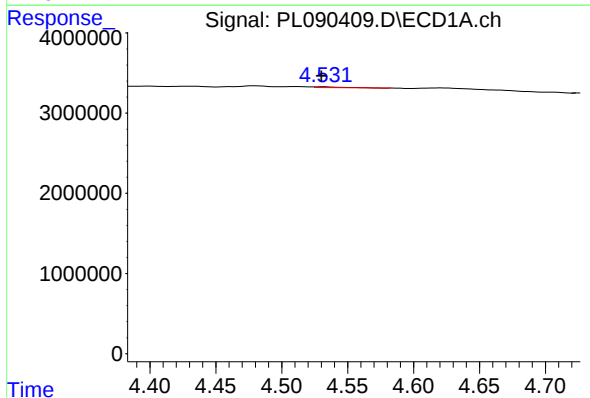
R.T.: 5.271 min  
Delta R.T.: 0.004 min  
Response: 720860  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



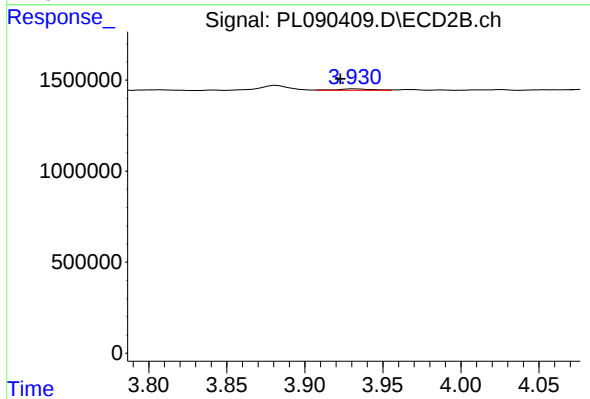
#5 Aldrin

R.T.: 4.269 min  
Delta R.T.: 0.023 min  
Response: 221880  
Conc: 0.11 ng/ml



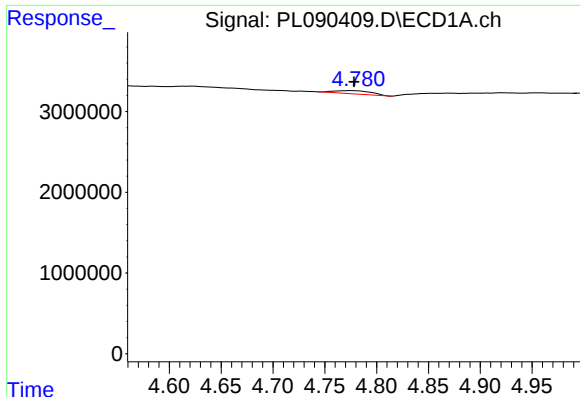
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.002 min  
Response: 134098  
Conc: 0.10 ng/ml



#6 beta-BHC

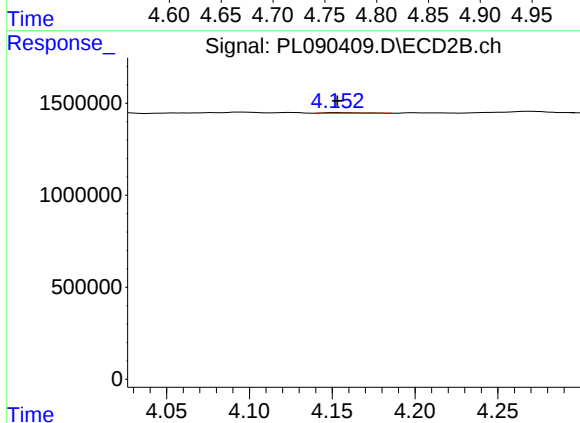
R.T.: 3.932 min  
Delta R.T.: 0.009 min  
Response: 134853  
Conc: 0.14 ng/ml



#7 delta-BHC

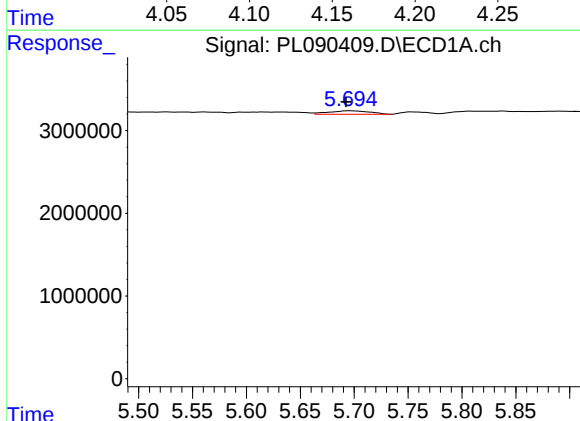
R.T.: 4.776 min  
Delta R.T.: -0.002 min  
Response: 967420  
Conc: 0.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



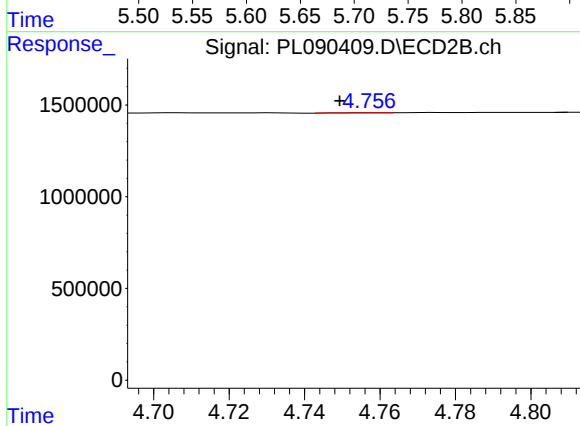
#7 delta-BHC

R.T.: 4.153 min  
Delta R.T.: 0.000 min  
Response: 55215  
Conc: 0.03 ng/ml



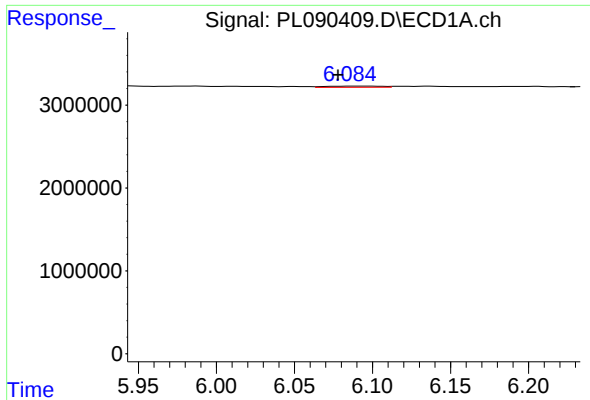
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.003 min  
Response: 1104811  
Conc: 0.43 ng/ml



#8 Heptachlor epoxide

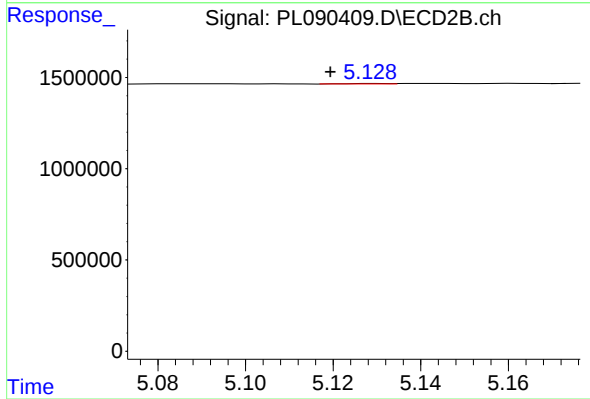
R.T.: 4.758 min  
Delta R.T.: 0.009 min  
Response: 9805  
Conc: 0.01 ng/ml



#9 Endosulfan I

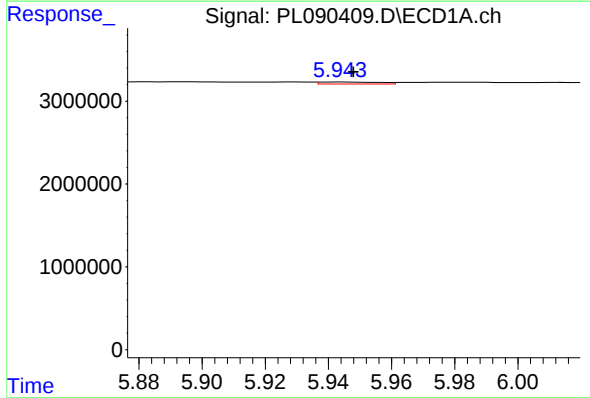
R.T.: 6.086 min  
Delta R.T.: 0.008 min  
Response: 351115  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



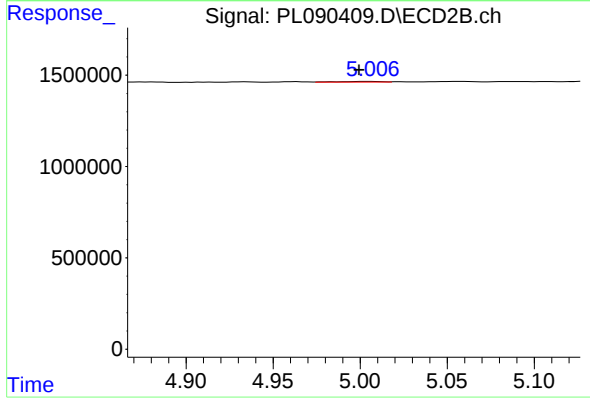
#9 Endosulfan I

R.T.: 5.129 min  
Delta R.T.: 0.010 min  
Response: 14578  
Conc: 0.01 ng/ml



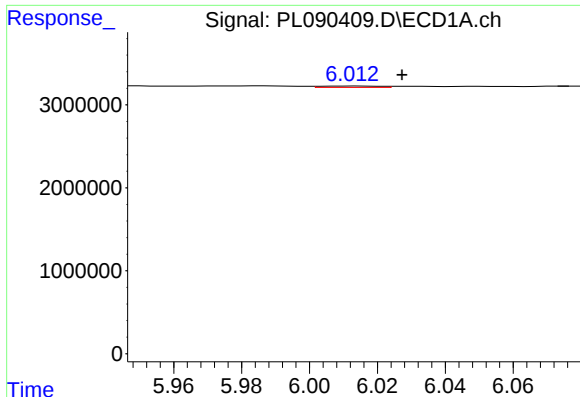
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: -0.004 min  
Response: 316273  
Conc: 0.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.007 min  
Delta R.T.: 0.008 min  
Response: 67192  
Conc: 0.04 ng/ml



#11 alpha-Chlordane

R.T.: 6.013 min  
Delta R.T.: -0.014 min  
Response: 197066  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

#11 alpha-Chlordane

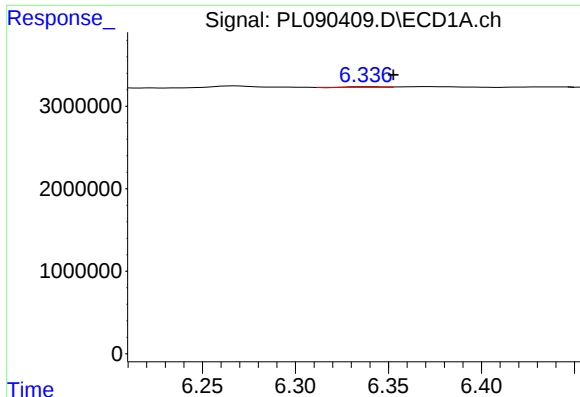
R.T.: 5.057 min  
Delta R.T.: -0.007 min  
Response: 45576  
Conc: 0.02 ng/ml

#12 4,4'-DDE

R.T.: 6.205 min  
Delta R.T.: 0.005 min  
Response: 47698  
Conc: 0.02 ng/ml

#12 4,4'-DDE

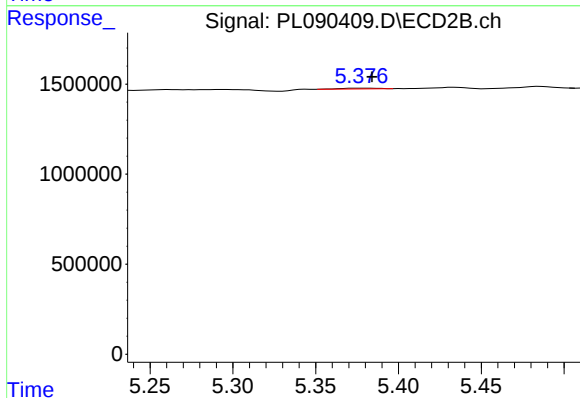
R.T.: 5.262 min  
Delta R.T.: 0.009 min  
Response: 23667  
Conc: 0.01 ng/ml



#13 Dieldrin

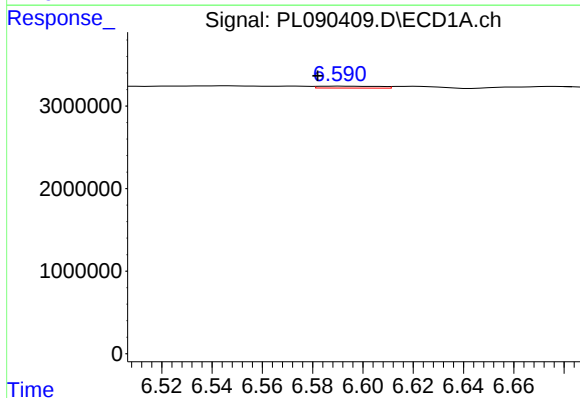
R.T.: 6.338 min  
Delta R.T.: -0.015 min  
Response: 79572  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



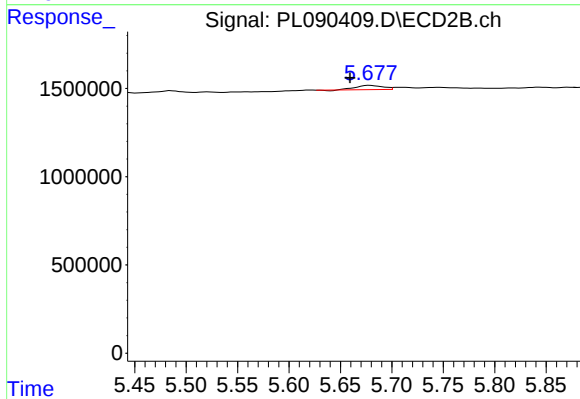
#13 Dieldrin

R.T.: 5.377 min  
Delta R.T.: -0.007 min  
Response: 58018  
Conc: 0.03 ng/ml



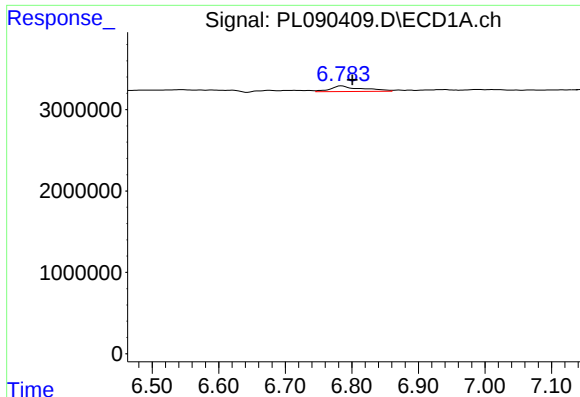
#14 Endrin

R.T.: 6.591 min  
Delta R.T.: 0.009 min  
Response: 397918  
Conc: 0.19 ng/ml



#14 Endrin

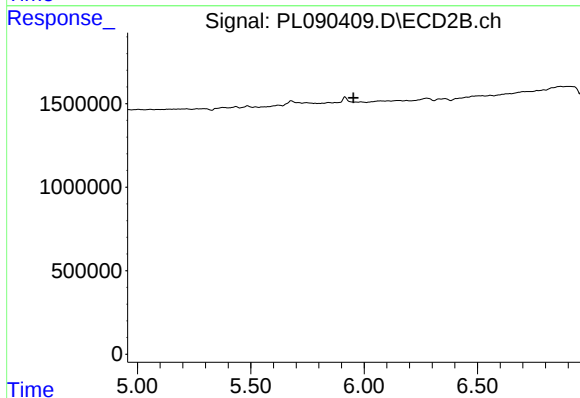
R.T.: 5.678 min  
Delta R.T.: 0.019 min  
Response: 420983  
Conc: 0.25 ng/ml



#15 Endosulfan II

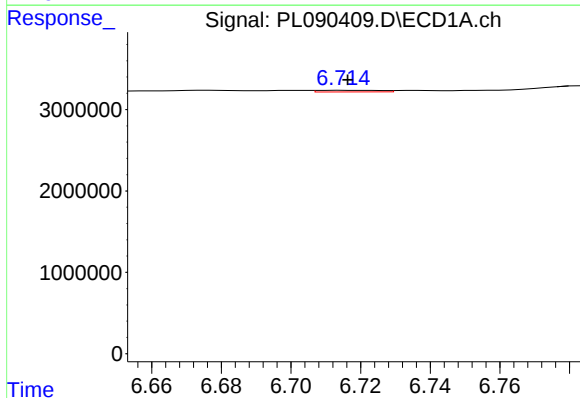
R.T.: 6.784 min  
Delta R.T.: -0.016 min  
Response: 2314445  
Conc: 1.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



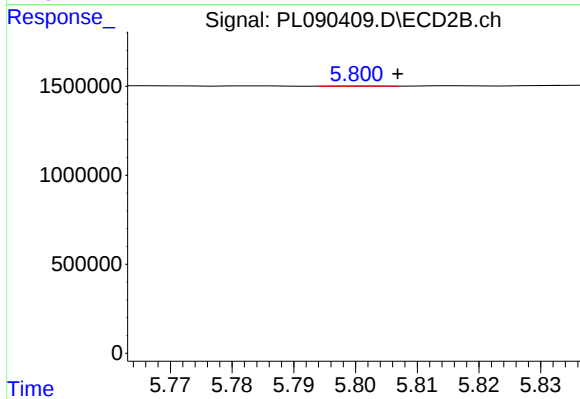
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.953 min  
Response: 0  
Conc: N.D.



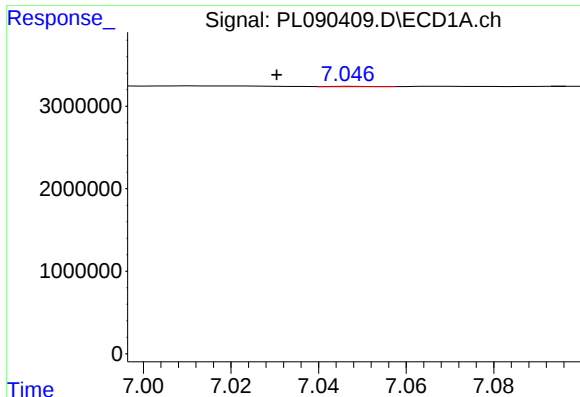
#16 4,4'-DDD

R.T.: 6.716 min  
Delta R.T.: 0.000 min  
Response: 249061  
Conc: 0.14 ng/ml



#16 4,4'-DDD

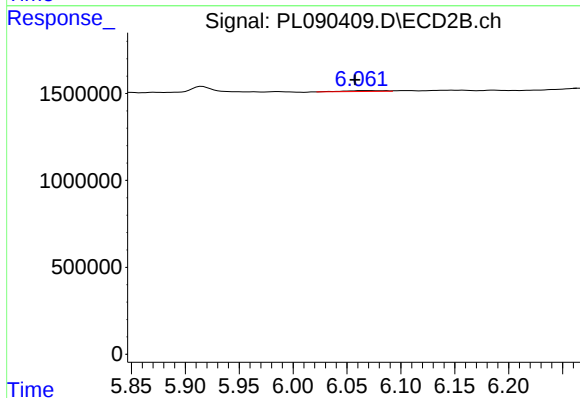
R.T.: 5.801 min  
Delta R.T.: -0.006 min  
Response: 5622  
Conc: 0.00 ng/ml



#17 4,4'-DDT

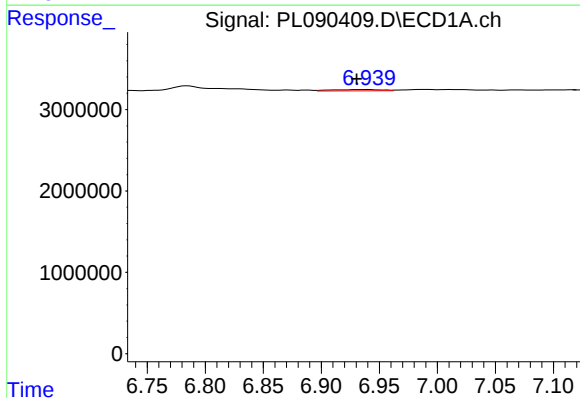
R.T.: 7.048 min  
Delta R.T.: 0.017 min  
Response: 24279  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



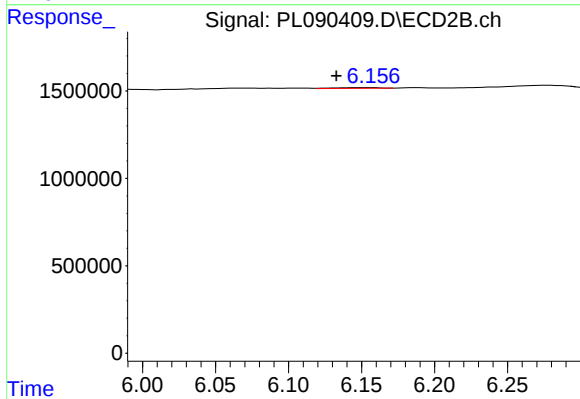
#17 4,4'-DDT

R.T.: 6.072 min  
Delta R.T.: 0.014 min  
Response: 130177  
Conc: 0.09 ng/ml



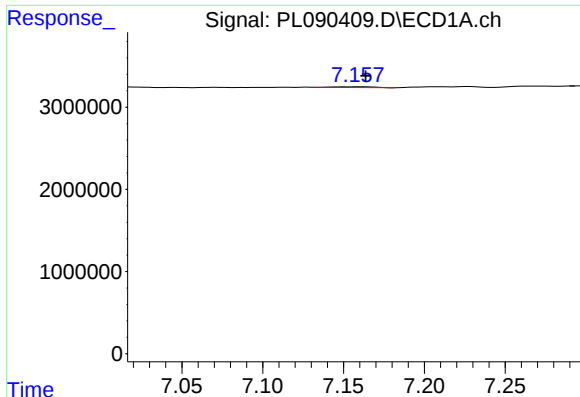
#18 Endrin aldehyde

R.T.: 6.940 min  
Delta R.T.: 0.009 min  
Response: 470439  
Conc: 0.28 ng/ml



#18 Endrin aldehyde

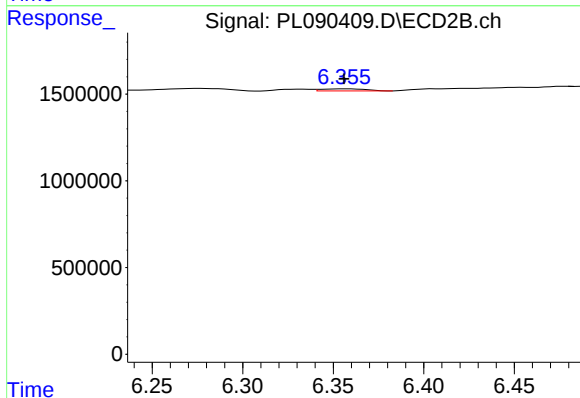
R.T.: 6.158 min  
Delta R.T.: 0.025 min  
Response: 85914  
Conc: 0.07 ng/ml



#19 Endosulfan Sulfate

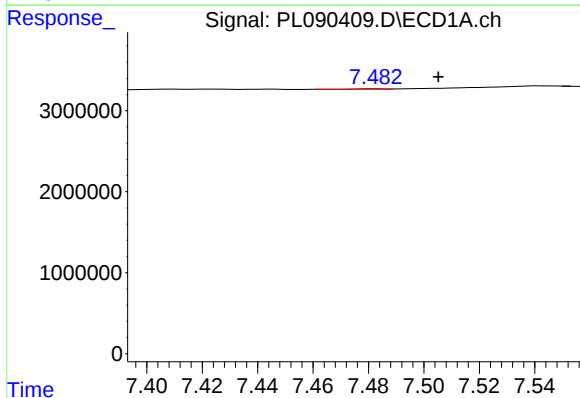
R.T.: 7.158 min  
Delta R.T.: -0.005 min  
Response: 186363  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



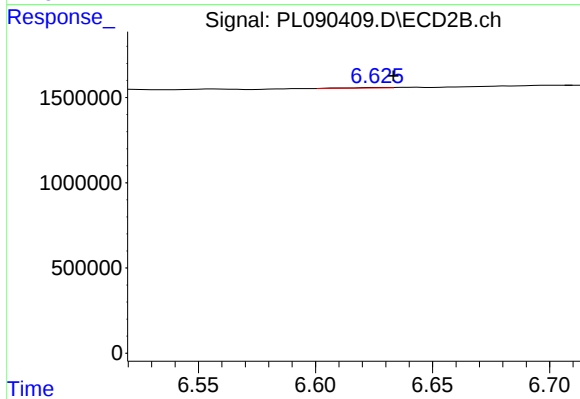
#19 Endosulfan Sulfate

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 216338  
Conc: 0.14 ng/ml



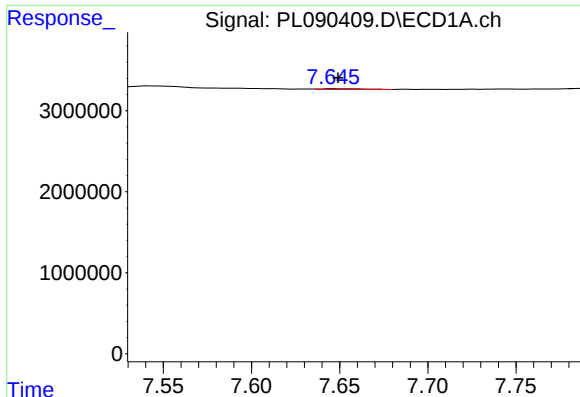
#20 Methoxychlor

R.T.: 7.482 min  
Delta R.T.: -0.023 min  
Response: 53936  
Conc: 0.05 ng/ml



#20 Methoxychlor

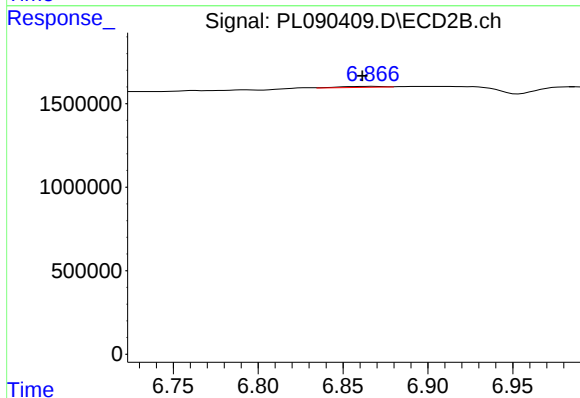
R.T.: 6.627 min  
Delta R.T.: -0.006 min  
Response: 42618  
Conc: 0.05 ng/ml



#21 Endrin ketone

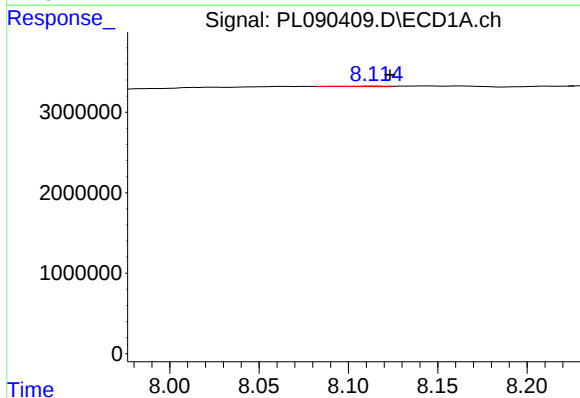
R.T.: 7.647 min  
Delta R.T.: -0.003 min  
Response: 152313  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



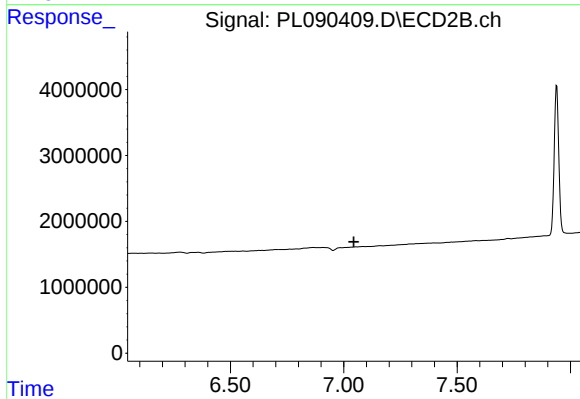
#21 Endrin ketone

R.T.: 6.867 min  
Delta R.T.: 0.006 min  
Response: 110037  
Conc: 0.06 ng/ml



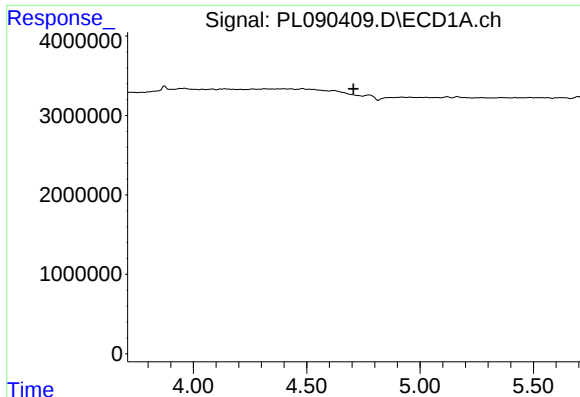
#22 Mirex

R.T.: 8.115 min  
Delta R.T.: -0.008 min  
Response: 98251  
Conc: 0.06 ng/ml



#22 Mirex

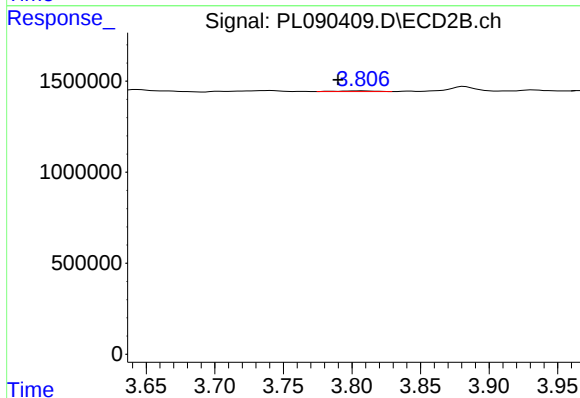
R.T.: 0.000 min  
Exp R.T. : 7.044 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

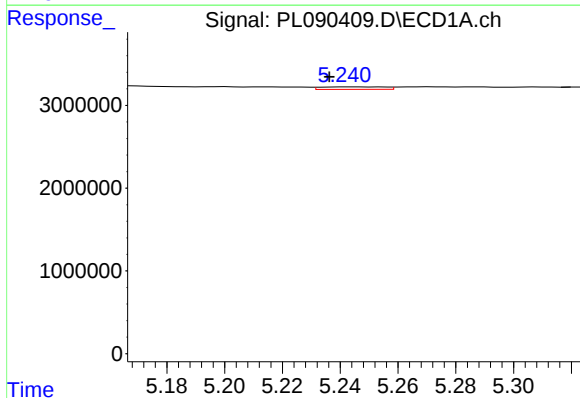
R.T.: 0.000 min  
Exp R.T.: 4.707 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



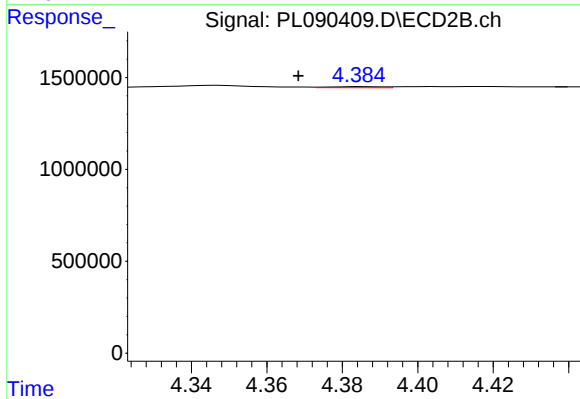
#23 Chlordane-1

R.T.: 3.808 min  
Delta R.T.: 0.018 min  
Response: 70773  
Conc: 1.16 ng/ml



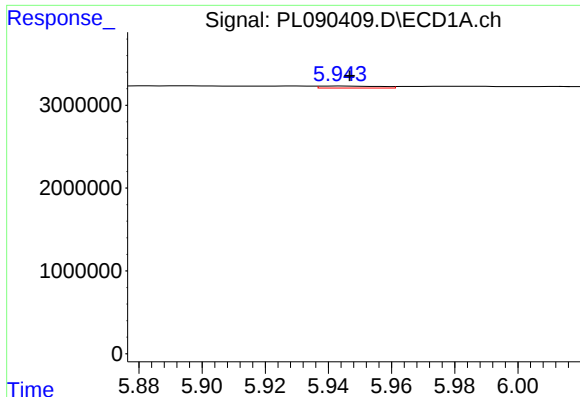
#24 Chlordane-2

R.T.: 5.243 min  
Delta R.T.: 0.007 min  
Response: 463823  
Conc: 3.91 ng/ml



#24 Chlordane-2

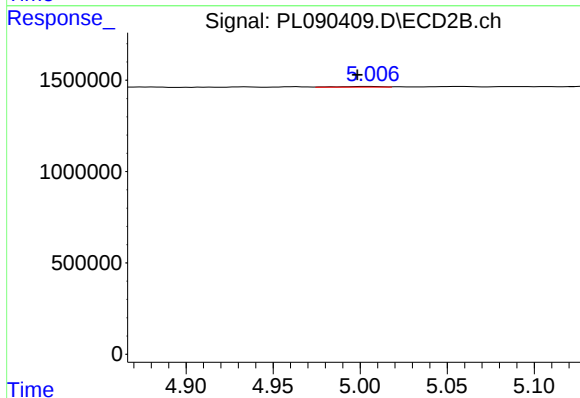
R.T.: 4.385 min  
Delta R.T.: 0.017 min  
Response: 55206  
Conc: 0.78 ng/ml



#25 Chlordane-3

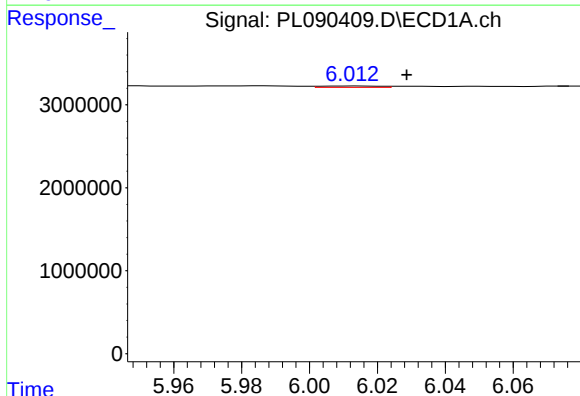
R.T.: 5.944 min  
Delta R.T.: -0.003 min  
Response: 316273  
Conc: 0.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



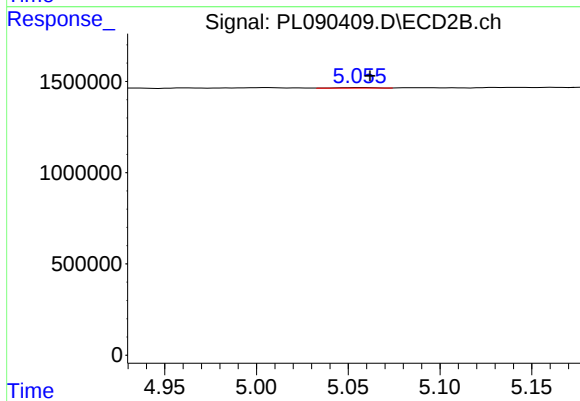
#25 Chlordane-3

R.T.: 5.007 min  
Delta R.T.: 0.009 min  
Response: 67192  
Conc: 0.33 ng/ml



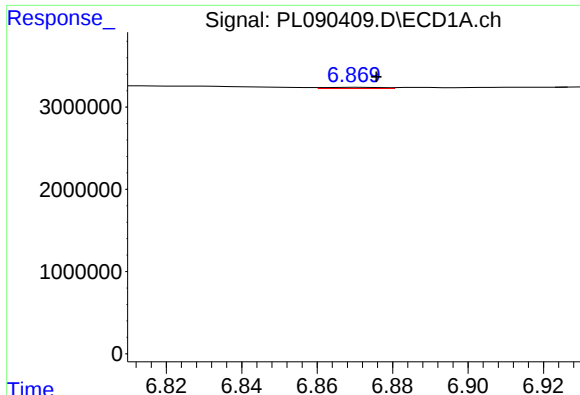
#26 Chlordane-4

R.T.: 6.013 min  
Delta R.T.: -0.016 min  
Response: 197066  
Conc: 0.44 ng/ml



#26 Chlordane-4

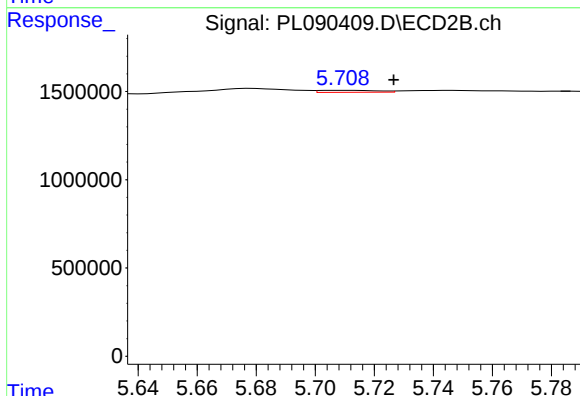
R.T.: 5.057 min  
Delta R.T.: -0.005 min  
Response: 45576  
Conc: 0.24 ng/ml



#27 Chlordane-5

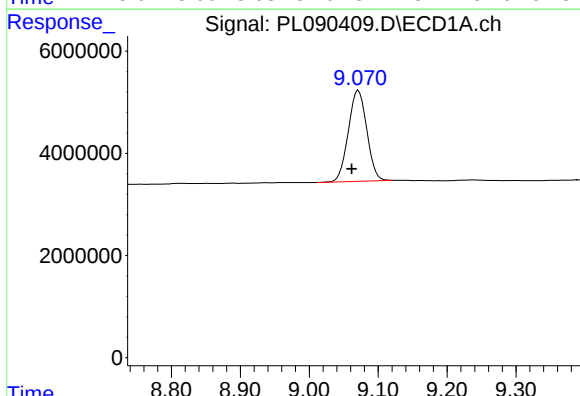
R.T.: 6.870 min  
Delta R.T.: -0.005 min  
Response: 152736  
Conc: 1.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



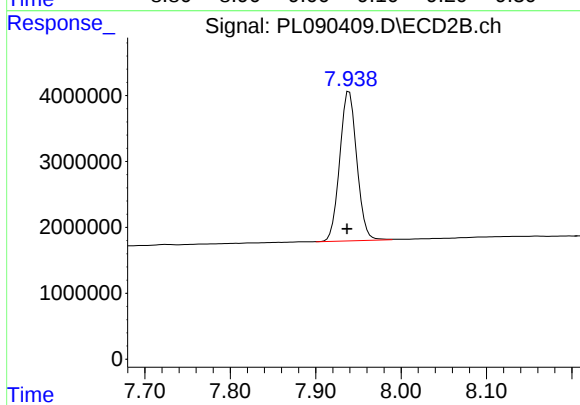
#27 Chlordane-5

R.T.: 5.709 min  
Delta R.T.: -0.018 min  
Response: 158918  
Conc: 2.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.010 min  
Response: 33250078  
Conc: 21.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.939 min  
Delta R.T.: 0.003 min  
Response: 31516759  
Conc: 21.13 ng/ml