

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062024\  
 Data File : PL090276.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jun 2024 21:13  
 Operator : AR\AJ  
 Sample : P2977-14  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OSTL-C2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 21 02:48:44 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... | 3.547  | 2.791  | 42122303 | 29413153 | 20.118 | 20.514   |
| 28)                         | SA Decachlor... | 9.056  | 7.934  | 16262272 | 17471054 | 11.060 | 11.757   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.309f | 3.636  | 221613   | 1521510  | 0.076  | 0.727 #  |
| 4)                          | MA Heptachlor   | 4.911f | 3.975  | 2653762  | 527072   | 1.017  | 0.264 #  |
| 5)                          | MB Aldrin       | 5.273  | 4.255  | 337425   | 344798   | 0.127  | 0.173 #  |
| 6)                          | B beta-BHC      | 4.543  | 3.930  | 434845   | 177259   | 0.333  | 0.194 #  |
| 7)                          | B delta-BHC     | 4.767  | 4.172  | 3267502  | 366766   | 1.186  | 0.182 #  |
| 8)                          | B Heptachlo...  | 5.691  | 4.750  | 1604072  | -62472   | 0.644  | N.D. #   |
| 9)                          | A Endosulfan I  | 6.053f | 5.148f | 5430649  | 2349584  | 2.405  | 1.375 #  |
| 10)                         | B gamma-Chl...  | 5.950  | 5.016  | 2066612  | 882322   | 0.855  | 0.473 #  |
| 11)                         | B alpha-Chl...  | 6.053f | 5.087f | 5430649  | 723651   | 2.261  | 0.386 #  |
| 12)                         | B 4,4'-DDE      | 6.176f | 5.255  | 814918   | 163102   | 0.375  | 0.098 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.394  | 0        | 1554440  | N.D.   | 0.844 #  |
| 14)                         | MA Endrin       | 6.585  | 5.673  | 339162   | 472785   | 0.169  | 0.289 #  |
| 15)                         | B Endosulfa...  | 6.831f | 5.961  | 1851541  | 355751   | 0.888  | 0.221 #  |
| 16)                         | A 4,4'-DDD      | 6.714  | 5.844f | 520511   | 454537   | 0.297  | 0.322    |
| 17)                         | MA 4,4'-DDT     | 7.028  | 6.056  | 680757   | 887129   | 0.370  | 0.584 #  |
| 18)                         | B Endrin al...  | 6.909f | 0.000  | 435193   | 0        | 0.281  | N.D. #   |
| 19)                         | B Endosulfa...  | 7.167  | 6.380f | 1693420  | 113456   | 0.885  | 0.072 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.665f | 0        | 1922621  | N.D.   | 2.161 #  |
| 21)                         | B Endrin ke...  | 7.664  | 6.851f | 999133   | 78206    | 0.474  | 0.043 #  |
| 22)                         | Mirex           | 8.144f | 7.040  | 4262069  | 1412661  | 2.562  | 0.920 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.826f | 0        | 1114384  | N.D.   | 16.992 # |
| 24)                         | Chlordane-2     | 5.255  | 4.359  | 789212   | 209229   | 6.572  | 2.623 #  |
| 25)                         | Chlordane-3     | 5.950  | 5.016  | 2066612  | 882322   | 5.165  | 3.964    |
| 26)                         | Chlordane-4     | 6.053f | 5.087f | 5430649  | 723651   | 11.108 | 3.423 #  |
| 27)                         | Chlordane-5     | 6.909f | 5.741  | 435193   | 2675813  | 4.479  | 39.413 # |
| -----                       |                 |        |        |          |          |        |          |

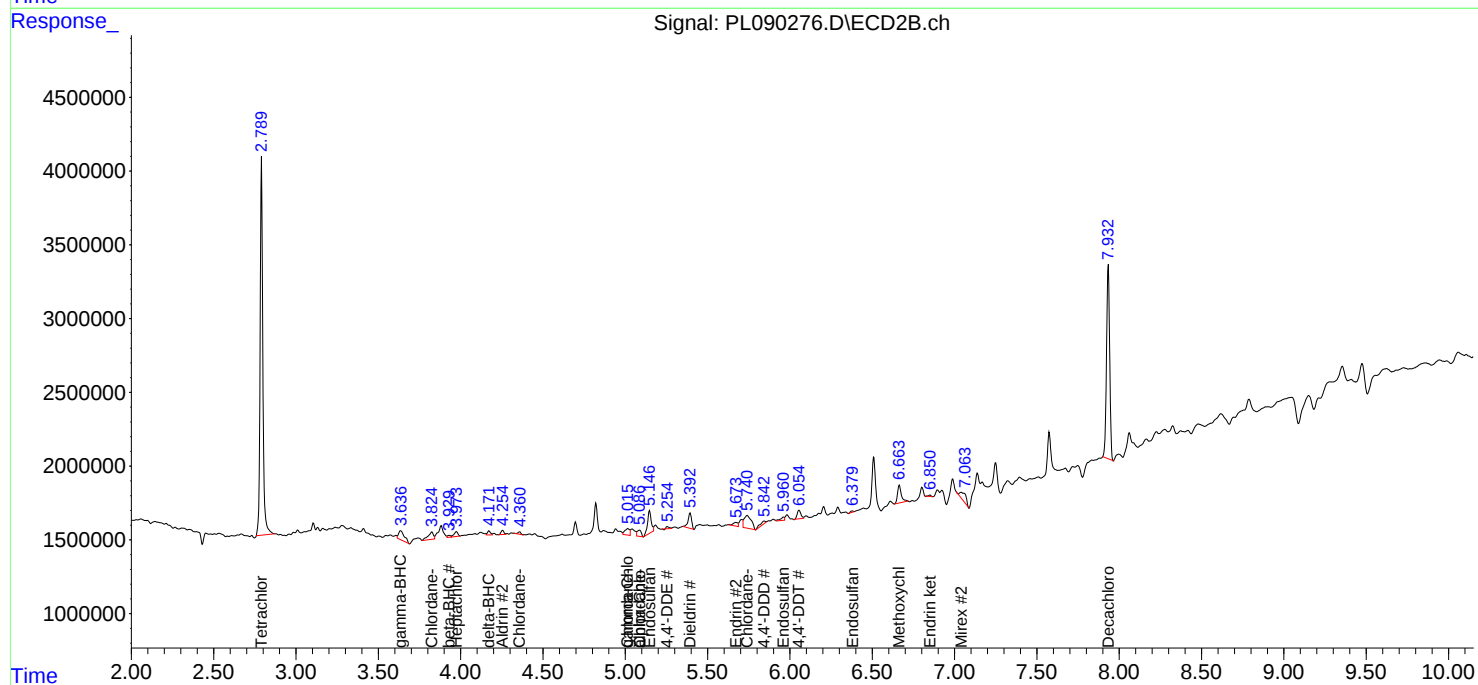
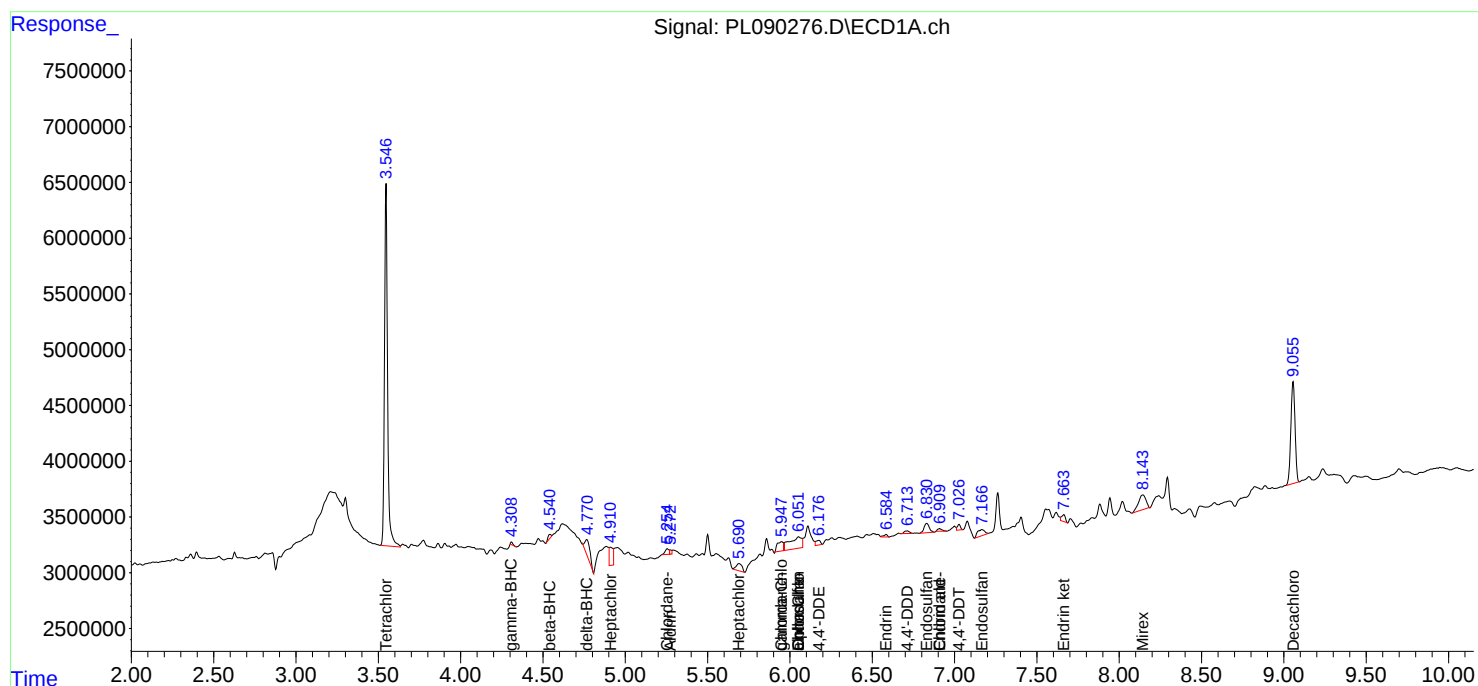
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

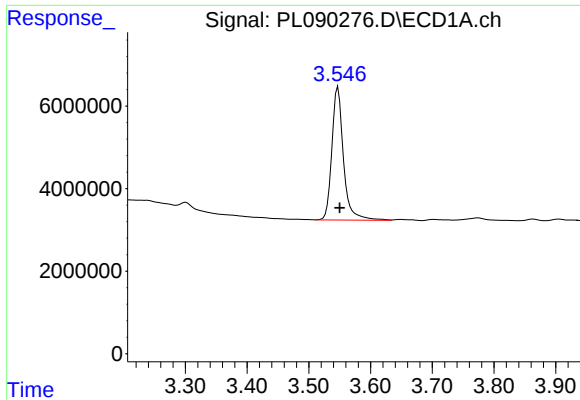
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062024\  
Data File : PL090276.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jun 2024 21:13  
Operator : AR\AJ  
Sample : P2977-14  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 21 02:48:44 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

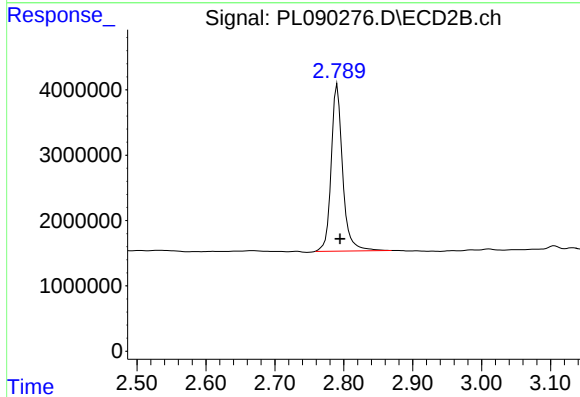




#1 Tetrachloro-m-xylene

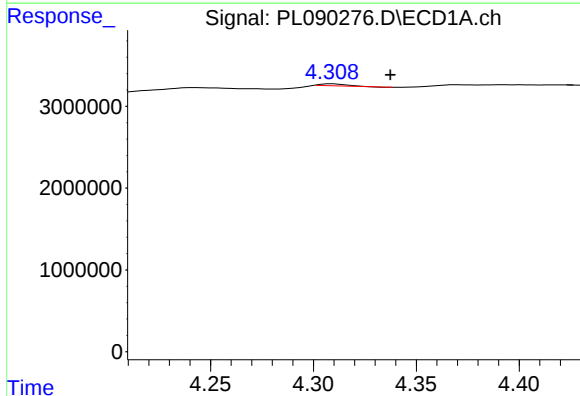
R.T.: 3.547 min  
Delta R.T.: -0.003 min  
Response: 42122303  
Conc: 20.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



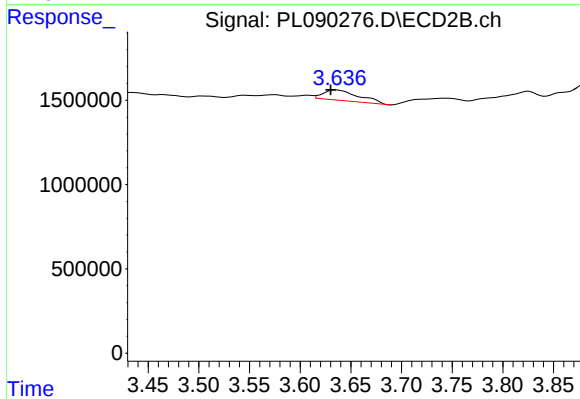
#1 Tetrachloro-m-xylene

R.T.: 2.791 min  
Delta R.T.: -0.004 min  
Response: 29413153  
Conc: 20.51 ng/ml



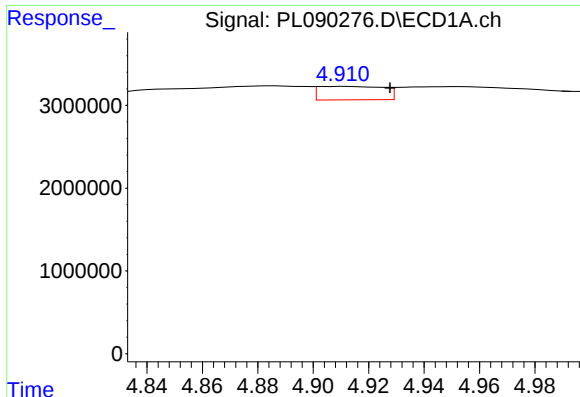
#3 gamma-BHC (Lindane)

R.T.: 4.309 min  
Delta R.T.: -0.028 min  
Response: 221613  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

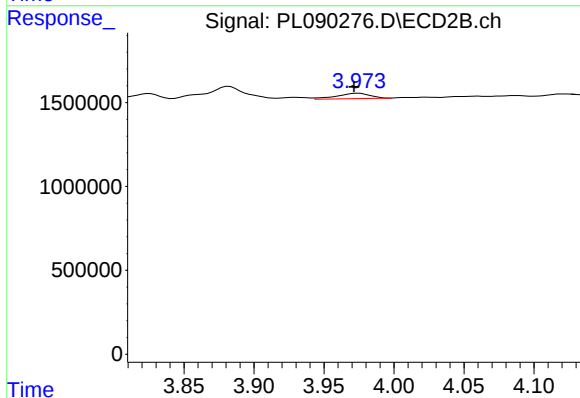
R.T.: 3.636 min  
Delta R.T.: 0.005 min  
Response: 1521510  
Conc: 0.73 ng/ml



#4 Heptachlor

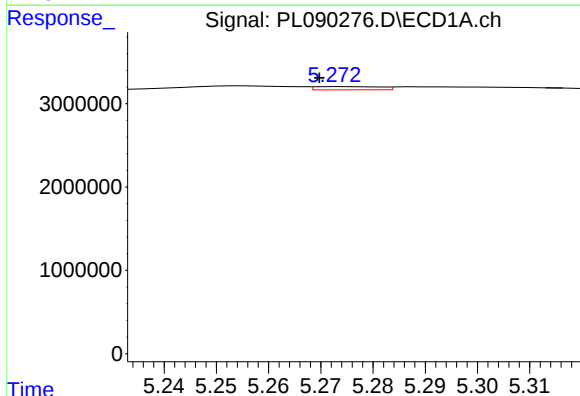
R.T.: 4.911 min  
Delta R.T.: -0.017 min  
Response: 2653762  
Conc: 1.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



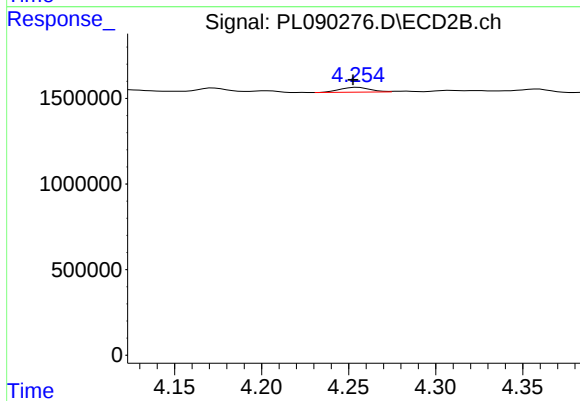
#4 Heptachlor

R.T.: 3.975 min  
Delta R.T.: 0.003 min  
Response: 527072  
Conc: 0.26 ng/ml



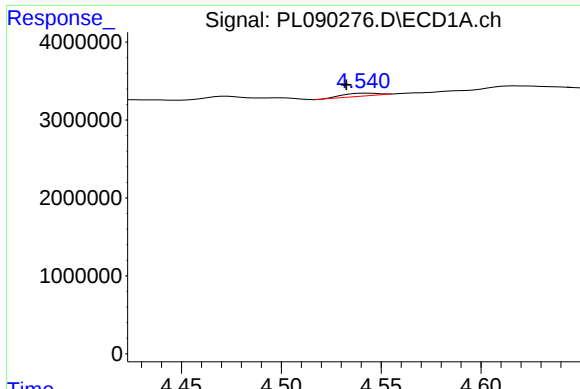
#5 Aldrin

R.T.: 5.273 min  
Delta R.T.: 0.003 min  
Response: 337425  
Conc: 0.13 ng/ml



#5 Aldrin

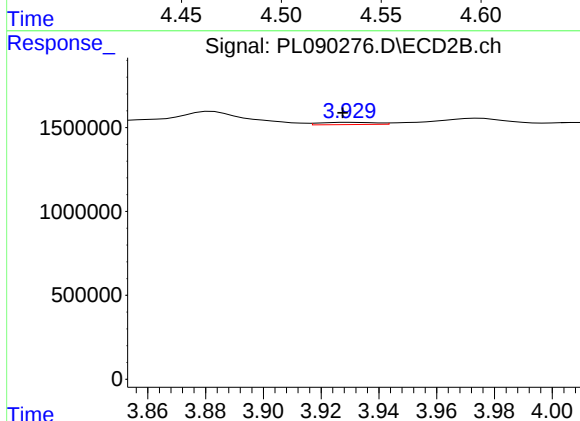
R.T.: 4.255 min  
Delta R.T.: 0.003 min  
Response: 344798  
Conc: 0.17 ng/ml



#6 beta-BHC

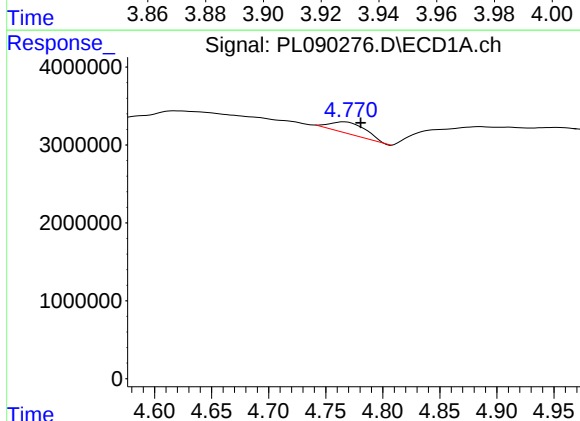
R.T.: 4.543 min  
Delta R.T.: 0.010 min  
Response: 434845  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



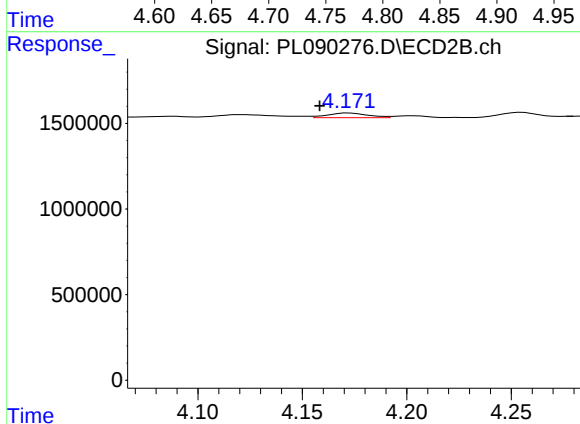
#6 beta-BHC

R.T.: 3.930 min  
Delta R.T.: 0.003 min  
Response: 177259  
Conc: 0.19 ng/ml



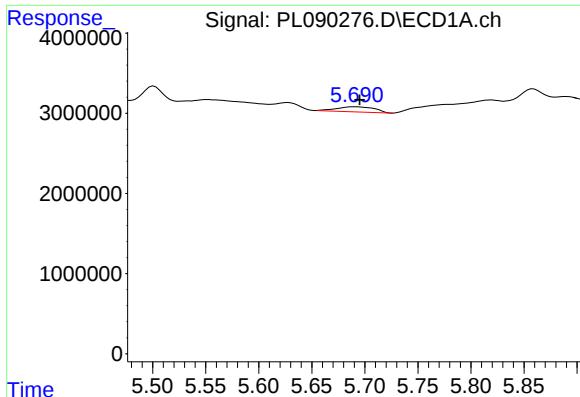
#7 delta-BHC

R.T.: 4.767 min  
Delta R.T.: -0.014 min  
Response: 3267502  
Conc: 1.19 ng/ml



#7 delta-BHC

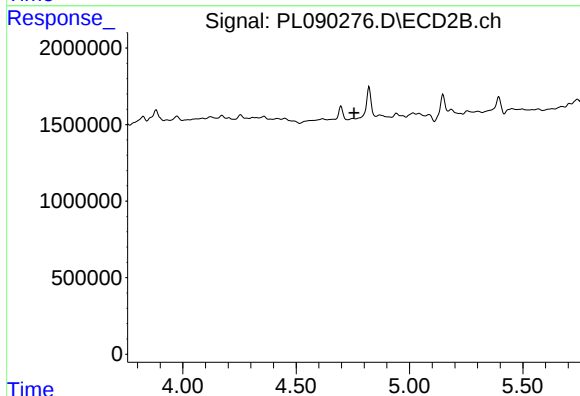
R.T.: 4.172 min  
Delta R.T.: 0.014 min  
Response: 366766  
Conc: 0.18 ng/ml



#8 Heptachlor epoxide

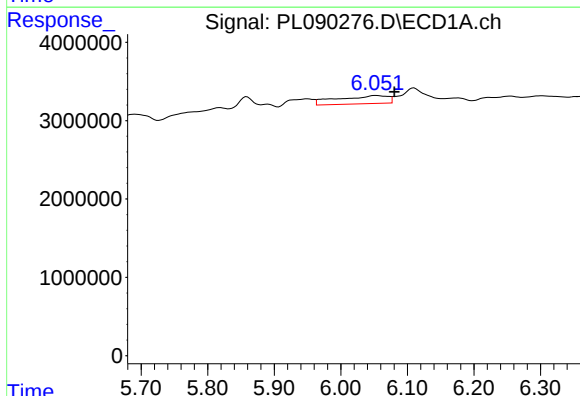
R.T.: 5.691 min  
Delta R.T.: -0.004 min  
Response: 1604072  
Conc: 0.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



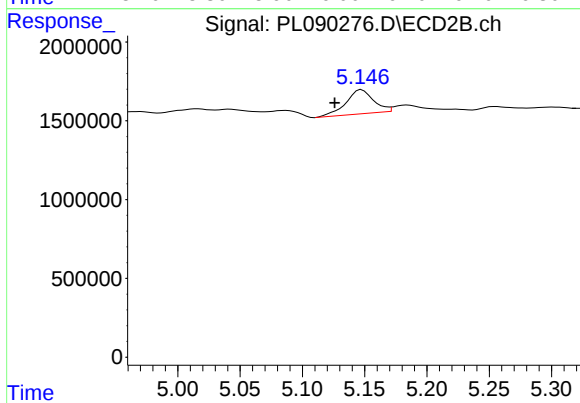
#8 Heptachlor epoxide

R.T.: 4.750 min  
Delta R.T.: -0.006 min  
Response: -62472  
Conc: N.D.



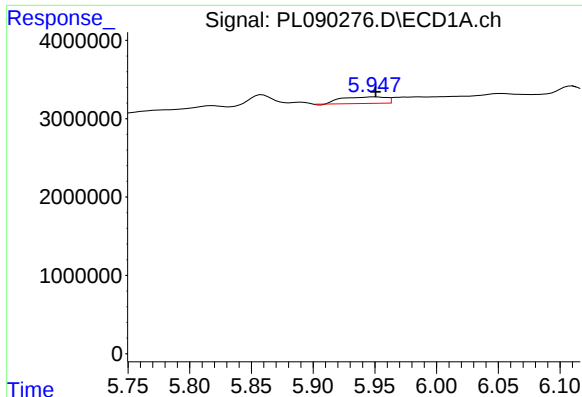
#9 Endosulfan I

R.T.: 6.053 min  
Delta R.T.: -0.028 min  
Response: 5430649  
Conc: 2.40 ng/ml



#9 Endosulfan I

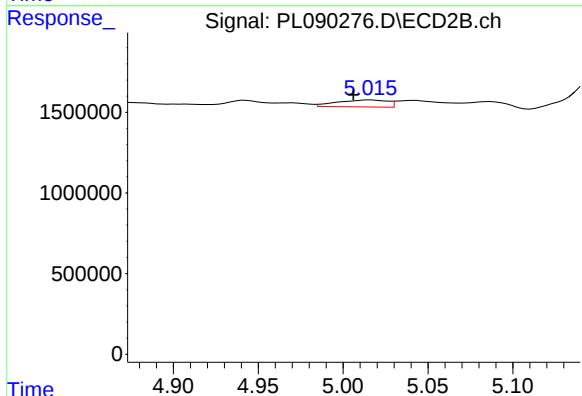
R.T.: 5.148 min  
Delta R.T.: 0.022 min  
Response: 2349584  
Conc: 1.38 ng/ml



#10 gamma-Chlordane

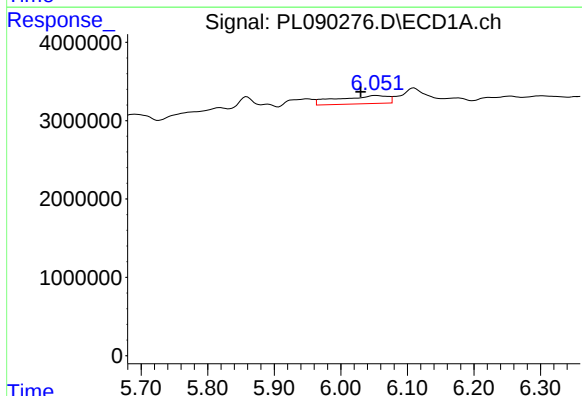
R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 2066612  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



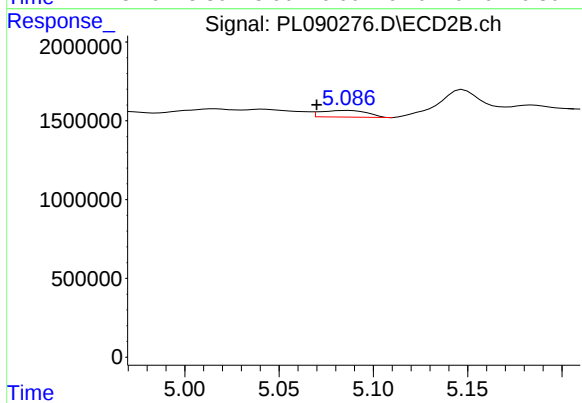
#10 gamma-Chlordane

R.T.: 5.016 min  
Delta R.T.: 0.010 min  
Response: 882322  
Conc: 0.47 ng/ml



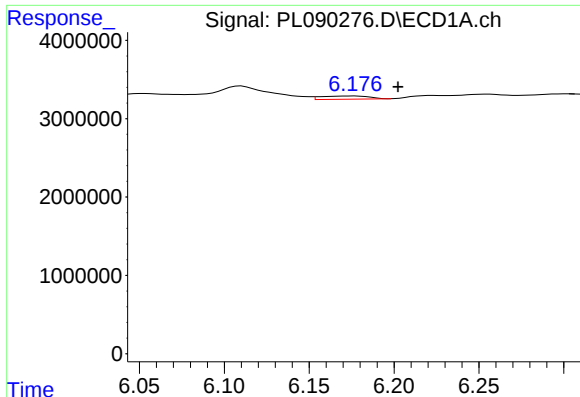
#11 alpha-Chlordane

R.T.: 6.053 min  
Delta R.T.: 0.023 min  
Response: 5430649  
Conc: 2.26 ng/ml



#11 alpha-Chlordane

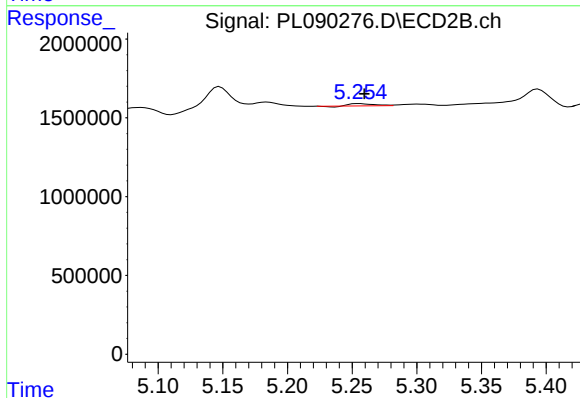
R.T.: 5.087 min  
Delta R.T.: 0.017 min  
Response: 723651  
Conc: 0.39 ng/ml



#12 4,4'-DDE

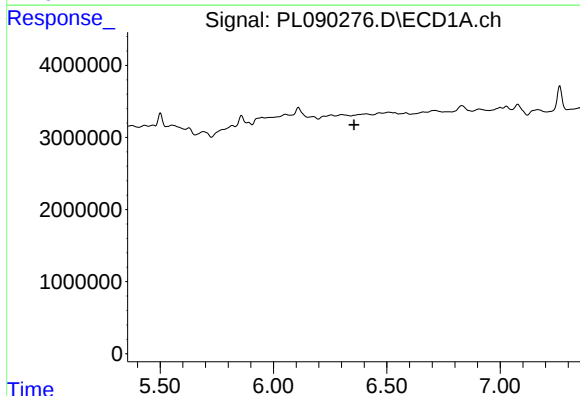
R.T.: 6.176 min  
Delta R.T.: -0.027 min  
Response: 814918  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



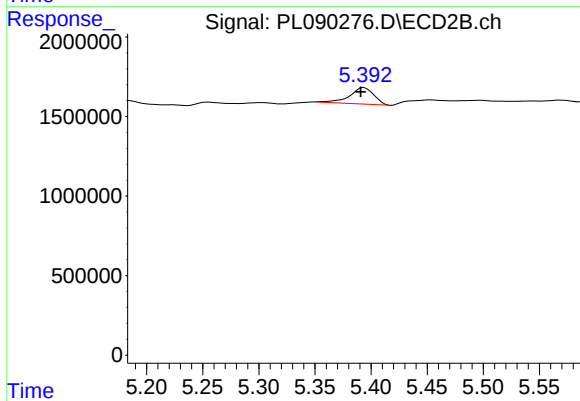
#12 4,4'-DDE

R.T.: 5.255 min  
Delta R.T.: -0.004 min  
Response: 163102  
Conc: 0.10 ng/ml



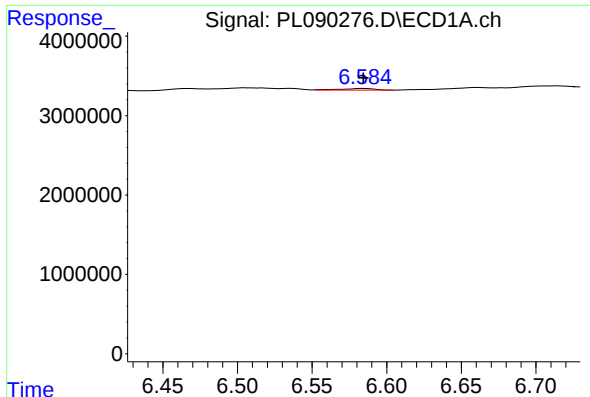
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.355 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

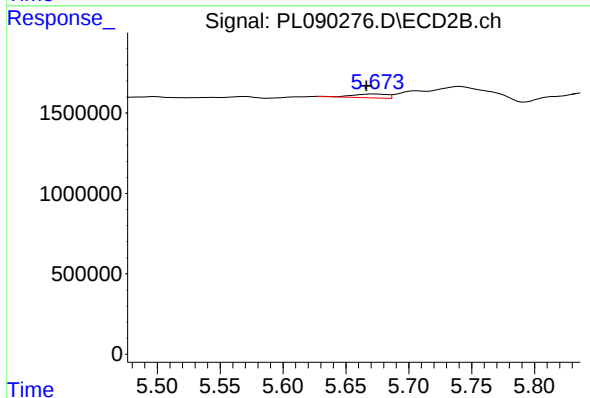
R.T.: 5.394 min  
Delta R.T.: 0.003 min  
Response: 1554440  
Conc: 0.84 ng/ml



#14 Endrin

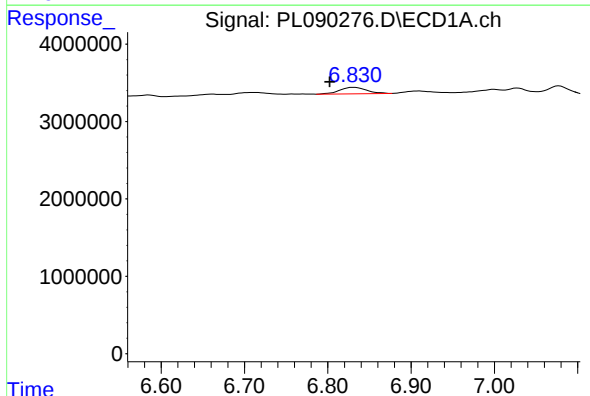
R.T.: 6.585 min  
Delta R.T.: 0.000 min  
Response: 339162  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



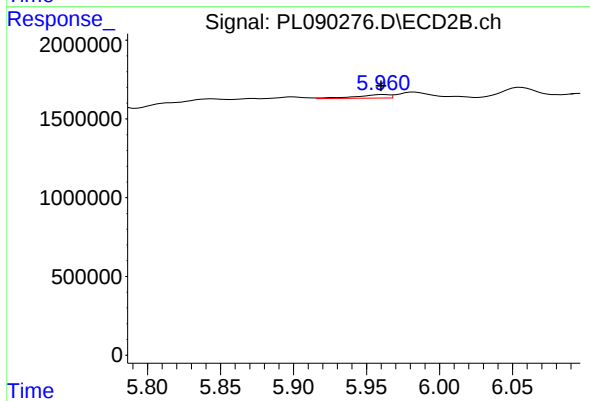
#14 Endrin

R.T.: 5.673 min  
Delta R.T.: 0.006 min  
Response: 472785  
Conc: 0.29 ng/ml



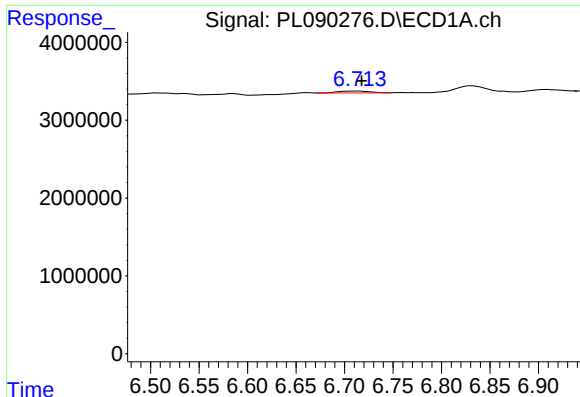
#15 Endosulfan II

R.T.: 6.831 min  
Delta R.T.: 0.029 min  
Response: 1851541  
Conc: 0.89 ng/ml



#15 Endosulfan II

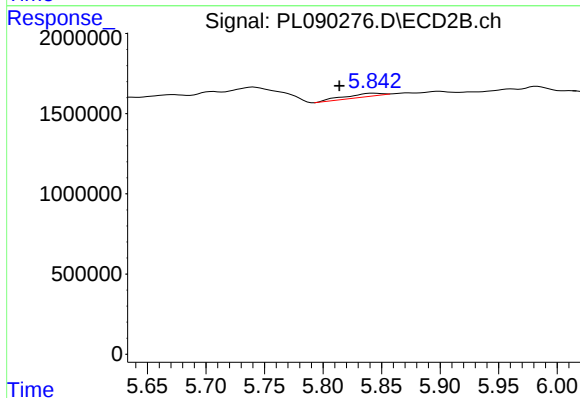
R.T.: 5.961 min  
Delta R.T.: 0.001 min  
Response: 355751  
Conc: 0.22 ng/ml



#16 4,4'-DDD

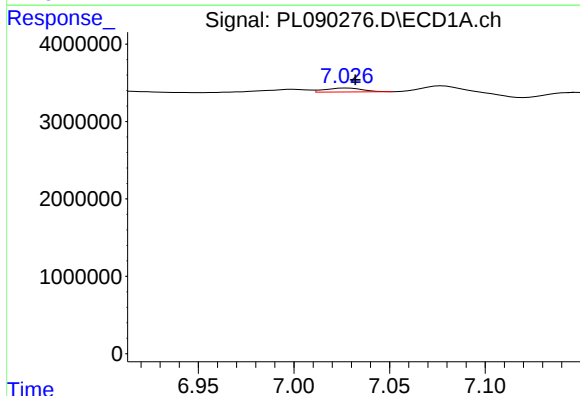
R.T.: 6.714 min  
Delta R.T.: -0.004 min  
Response: 520511  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



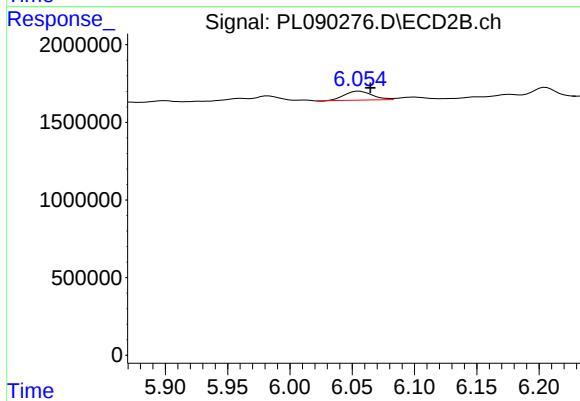
#16 4,4'-DDD

R.T.: 5.844 min  
Delta R.T.: 0.030 min  
Response: 454537  
Conc: 0.32 ng/ml



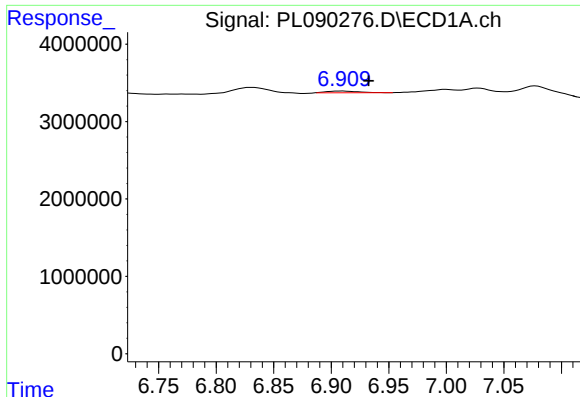
#17 4,4'-DDT

R.T.: 7.028 min  
Delta R.T.: -0.004 min  
Response: 680757  
Conc: 0.37 ng/ml



#17 4,4'-DDT

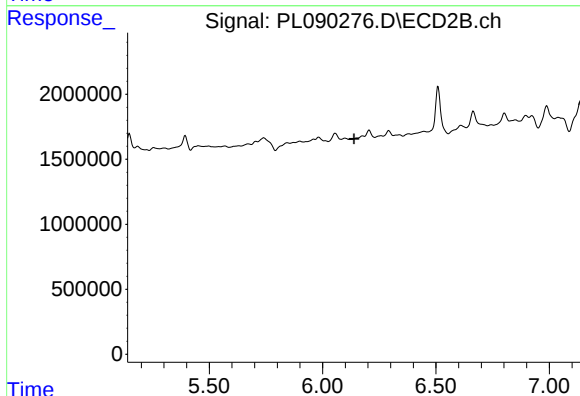
R.T.: 6.056 min  
Delta R.T.: -0.009 min  
Response: 887129  
Conc: 0.58 ng/ml



#18 Endrin aldehyde

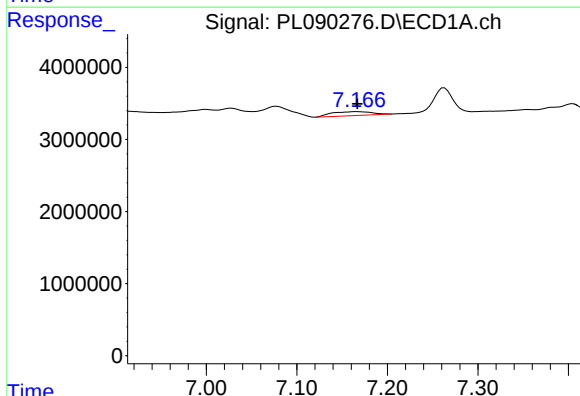
R.T.: 6.909 min  
Delta R.T.: -0.024 min  
Response: 435193  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



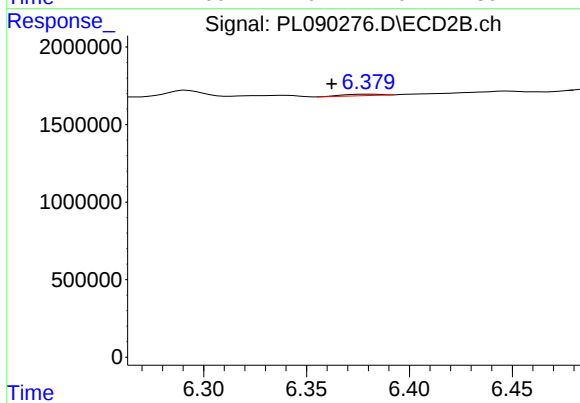
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.140 min  
Response: 0  
Conc: N.D.



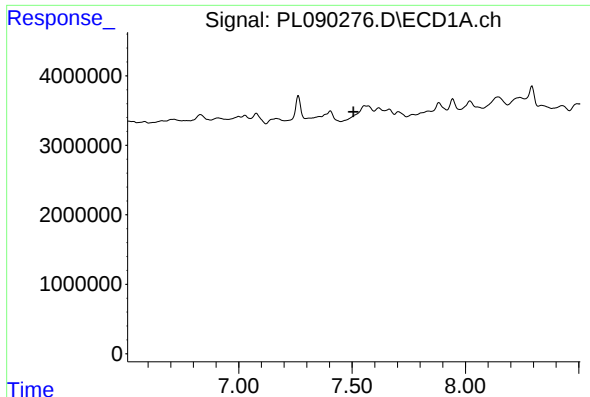
#19 Endosulfan Sulfate

R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 1693420  
Conc: 0.88 ng/ml



#19 Endosulfan Sulfate

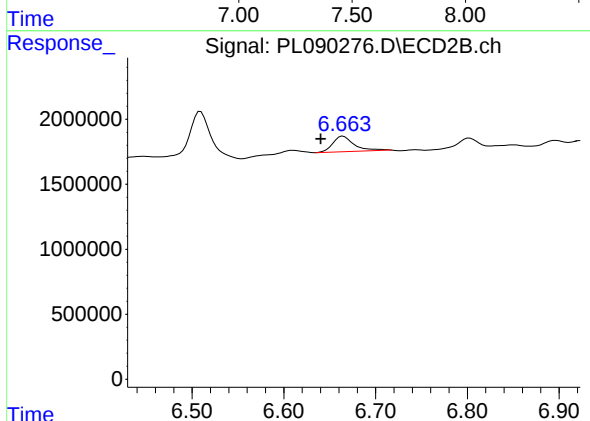
R.T.: 6.380 min  
Delta R.T.: 0.018 min  
Response: 113456  
Conc: 0.07 ng/ml



#20 Methoxychlor

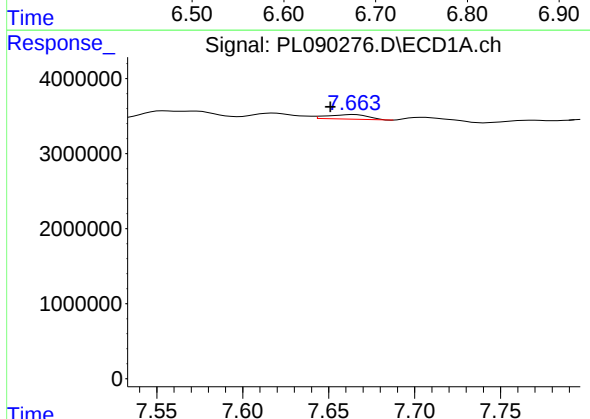
R.T.: 0.000 min  
Exp R.T.: 7.507 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



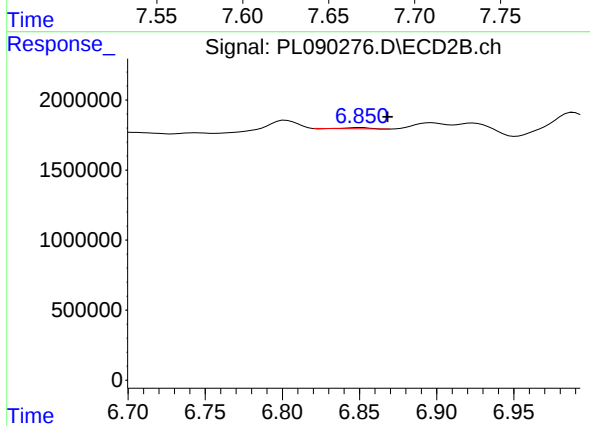
#20 Methoxychlor

R.T.: 6.665 min  
Delta R.T.: 0.024 min  
Response: 1922621  
Conc: 2.16 ng/ml



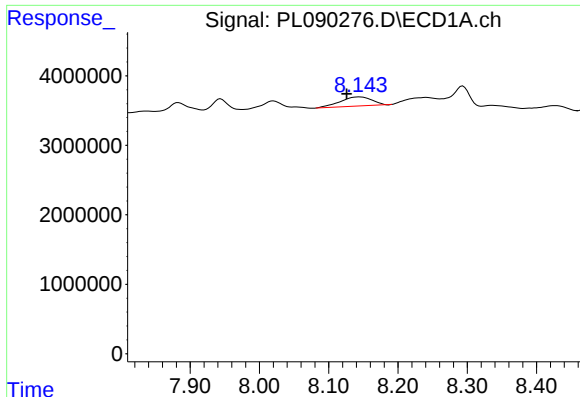
#21 Endrin ketone

R.T.: 7.664 min  
Delta R.T.: 0.013 min  
Response: 999133  
Conc: 0.47 ng/ml



#21 Endrin ketone

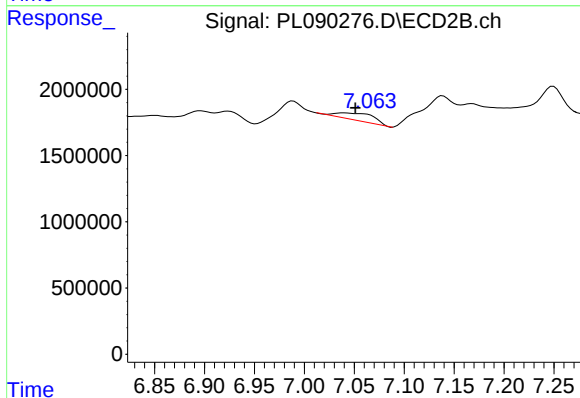
R.T.: 6.851 min  
Delta R.T.: -0.018 min  
Response: 78206  
Conc: 0.04 ng/ml



#22 Mirex

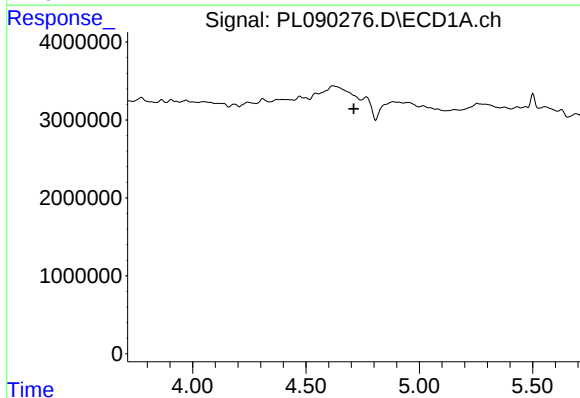
R.T.: 8.144 min  
Delta R.T.: 0.018 min  
Response: 4262069  
Conc: 2.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



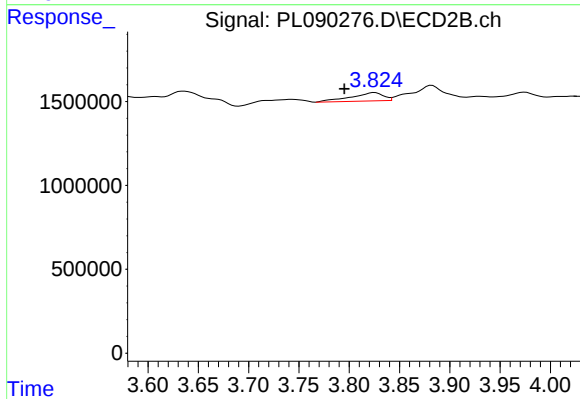
#22 Mirex

R.T.: 7.040 min  
Delta R.T.: -0.011 min  
Response: 1412661  
Conc: 0.92 ng/ml



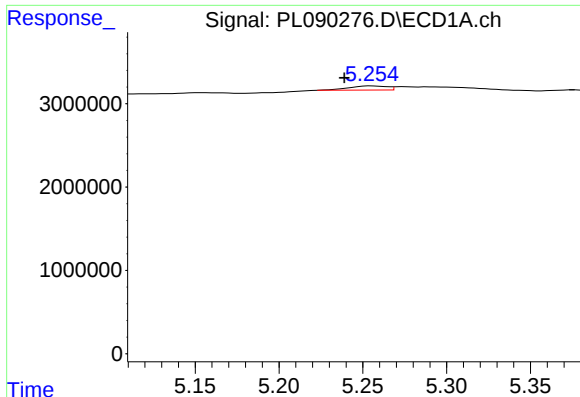
#23 Chlordane-1

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



#23 Chlordane-1

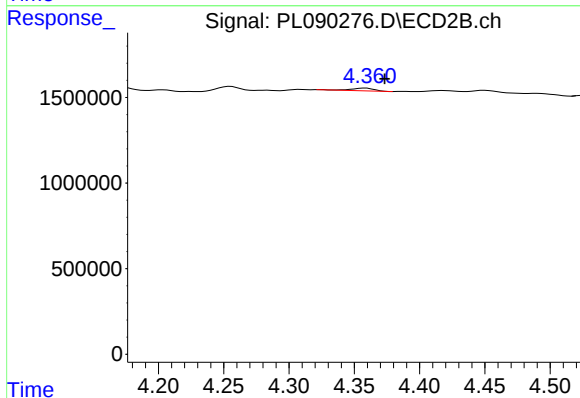
R.T.: 3.826 min  
Delta R.T.: 0.030 min  
Response: 1114384  
Conc: 16.99 ng/ml



#24 Chlordane-2

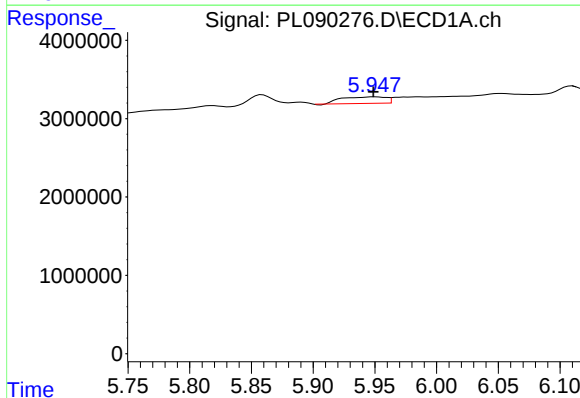
R.T.: 5.255 min  
Delta R.T.: 0.016 min  
Response: 789212  
Conc: 6.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



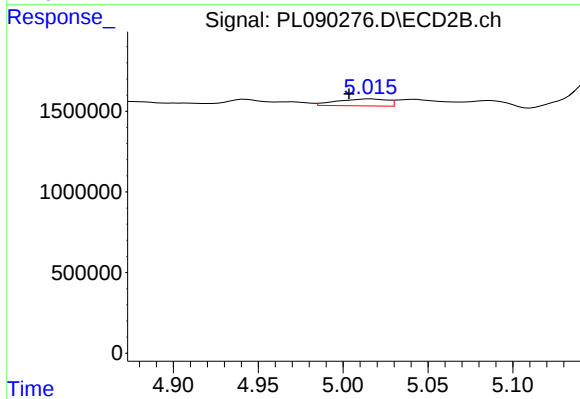
#24 Chlordane-2

R.T.: 4.359 min  
Delta R.T.: -0.014 min  
Response: 209229  
Conc: 2.62 ng/ml



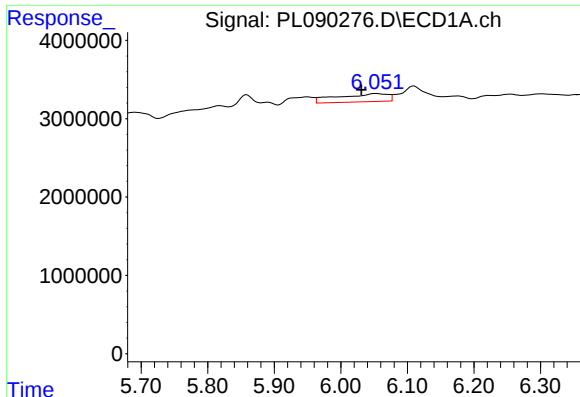
#25 Chlordane-3

R.T.: 5.950 min  
Delta R.T.: 0.001 min  
Response: 2066612  
Conc: 5.16 ng/ml



#25 Chlordane-3

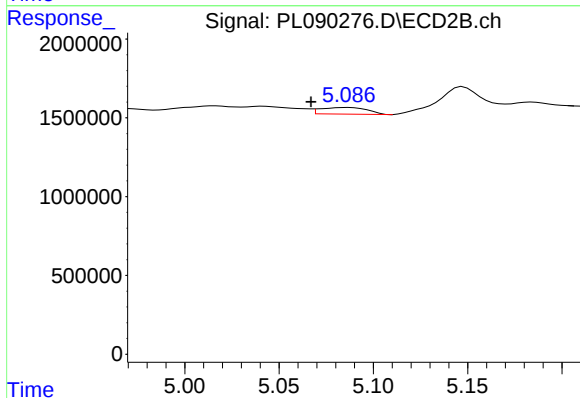
R.T.: 5.016 min  
Delta R.T.: 0.012 min  
Response: 882322  
Conc: 3.96 ng/ml



#26 Chlordane-4

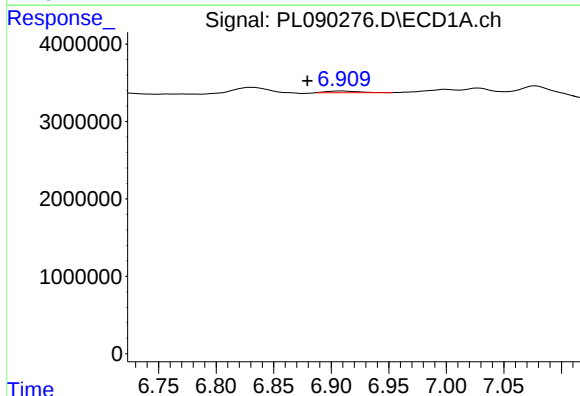
R.T.: 6.053 min  
Delta R.T.: 0.022 min  
Response: 5430649  
Conc: 11.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



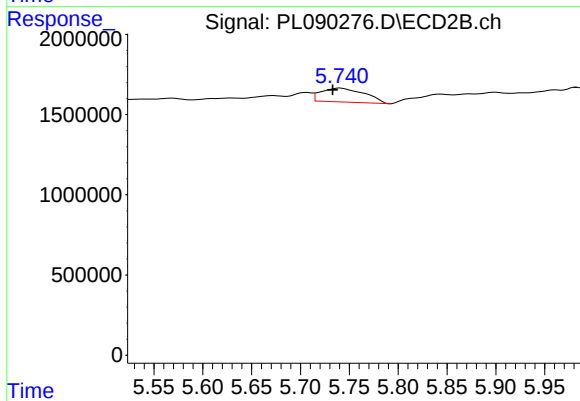
#26 Chlordane-4

R.T.: 5.087 min  
Delta R.T.: 0.020 min  
Response: 723651  
Conc: 3.42 ng/ml



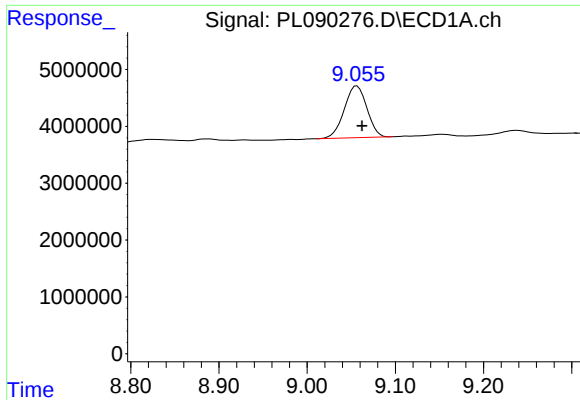
#27 Chlordane-5

R.T.: 6.909 min  
Delta R.T.: 0.030 min  
Response: 435193  
Conc: 4.48 ng/ml



#27 Chlordane-5

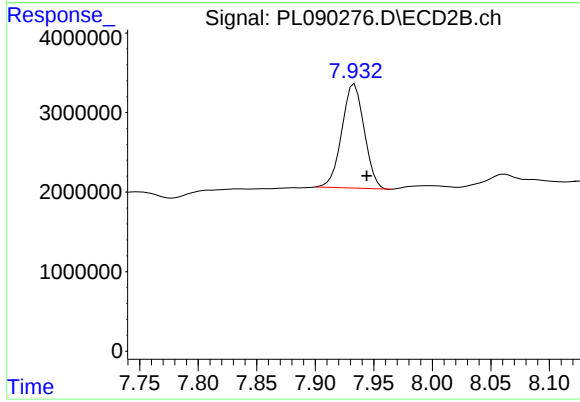
R.T.: 5.741 min  
Delta R.T.: 0.007 min  
Response: 2675813  
Conc: 39.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: -0.006 min  
Response: 16262272  
Conc: 11.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OSTL-C2



#28 Decachlorobiphenyl

R.T.: 7.934 min  
Delta R.T.: -0.010 min  
Response: 17471054  
Conc: 11.76 ng/ml