

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110824\  
 Data File : PL092936.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2024 17:08  
 Operator : AR\AJ  
 Sample : P4771-05  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 22:23:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 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... | 3.542  | 2.779  | 41931923 | 58118183 | 17.113 | 21.358    |
| 28)                         | SA Decachlor... | 9.060  | 7.919  | 29295163 | 53671005 | 15.222 | 19.665 #  |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 4.019f | 3.300f | 5047988  | -2314490 | 1.488  | N.D. #    |
| 3)                          | MA gamma-BHC... | 4.333  | 3.603  | 3543296  | 2274207  | 1.087  | 0.589 #   |
| 4)                          | MA Heptachlor   | 0.000  | 3.934f | 0        | 2785630  | N.D.   | 0.738 #   |
| 5)                          | MB Aldrin       | 5.259  | 4.220  | 4955752  | 10326278 | 1.651  | 2.821 #   |
| 7)                          | B delta-BHC     | 4.768  | 4.110f | 7357990  | 12792650 | 2.351  | 3.329 #   |
| 8)                          | B Heptachlo...  | 0.000  | 4.737  | 0        | 4096705  | N.D.   | 1.226 #   |
| 10)                         | B gamma-Chl...  | 5.925f | 4.985  | 23463607 | 13078365 | 8.819  | 3.890 #   |
| 11)                         | B alpha-Chl...  | 6.027  | 5.051  | 24631557 | 7225334  | 9.301  | 2.172 #   |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.236  | 4262921  | 23707856 | 1.799  | 7.359 #   |
| 13)                         | MA Dieldrin     | 6.371f | 5.379  | -2011406 | 39186151 | N.D.   | 11.731    |
| 14)                         | MA Endrin       | 0.000  | 5.645  | 0        | 3764946  | N.D.   | 1.301 #   |
| 15)                         | B Endosulfa...  | 6.781  | 5.947  | 8666452  | 17769188 | 3.636  | 6.272 #   |
| 16)                         | A 4,4'-DDD      | 6.707  | 5.787  | 19027259 | 6827135  | 9.912  | 2.742 #   |
| 17)                         | MA 4,4'-DDT     | 7.035  | 6.037  | 4157456  | 4638051  | 2.009  | 1.729     |
| 18)                         | B Endrin al...  | 6.929  | 6.136f | 3216791  | 2611230  | 1.713  | 1.132 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.358f | 0        | 2914943  | N.D.   | 1.081 #   |
| 21)                         | B Endrin ke...  | 7.667f | 6.823f | 969892   | 3041221  | 0.400  | 0.991 #   |
| 22)                         | Mirex           | 8.128  | 0.000  | 2969669  | 0        | 1.499  | N.D. #    |
| 23)                         | Chlordane-1     | 4.687  | 3.786  | 2257728  | 10996376 | 20.527 | 103.589 # |
| 24)                         | Chlordane-2     | 5.226  | 4.324f | 3998996  | 3519247  | 34.891 | 28.415    |
| 25)                         | Chlordane-3     | 5.925  | 4.985  | 23463607 | 13078365 | 60.114 | 36.060 #  |
| 26)                         | Chlordane-4     | 6.027  | 5.051  | 24631557 | 7225334  | 51.530 | 20.655 #  |
| 27)                         | Chlordane-5     | 6.891f | 5.947  | 3414713  | 17769188 | 36.073 | 140.127 # |
| -----                       |                 |        |        |          |          |        |           |

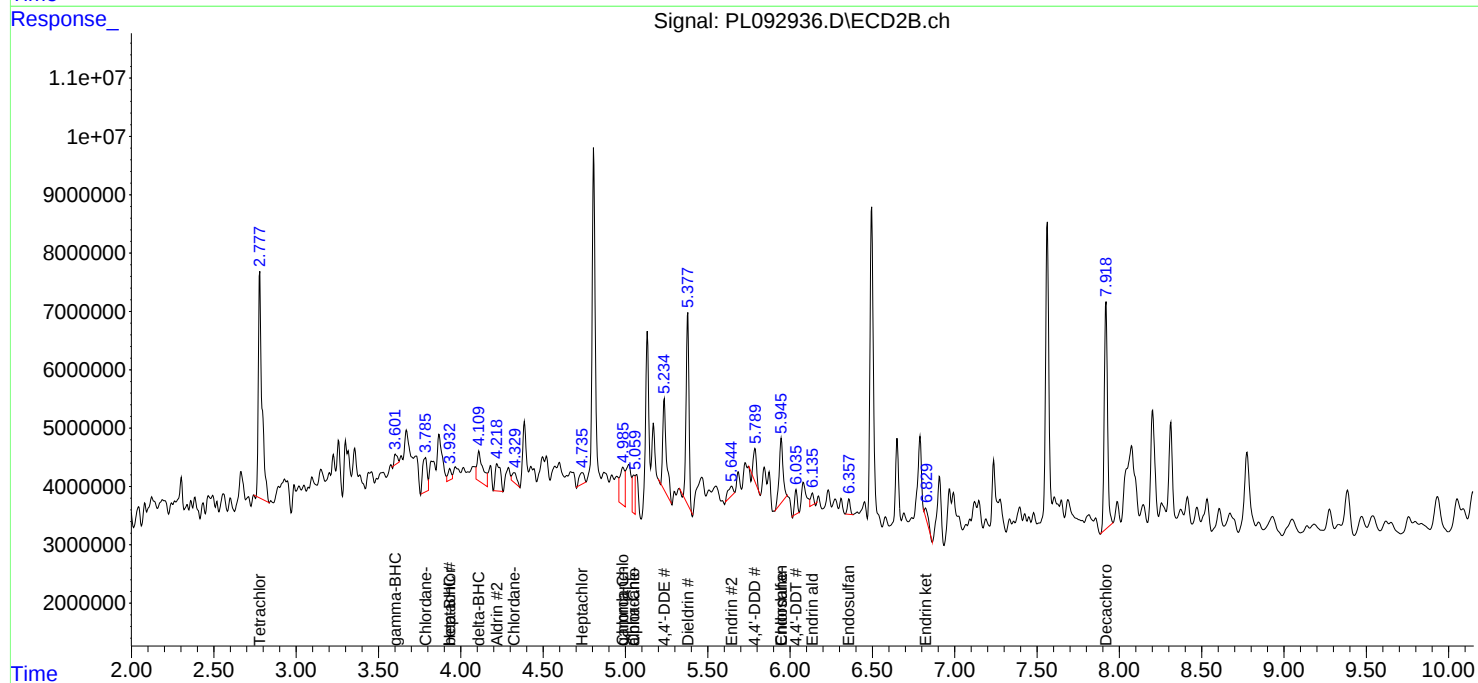
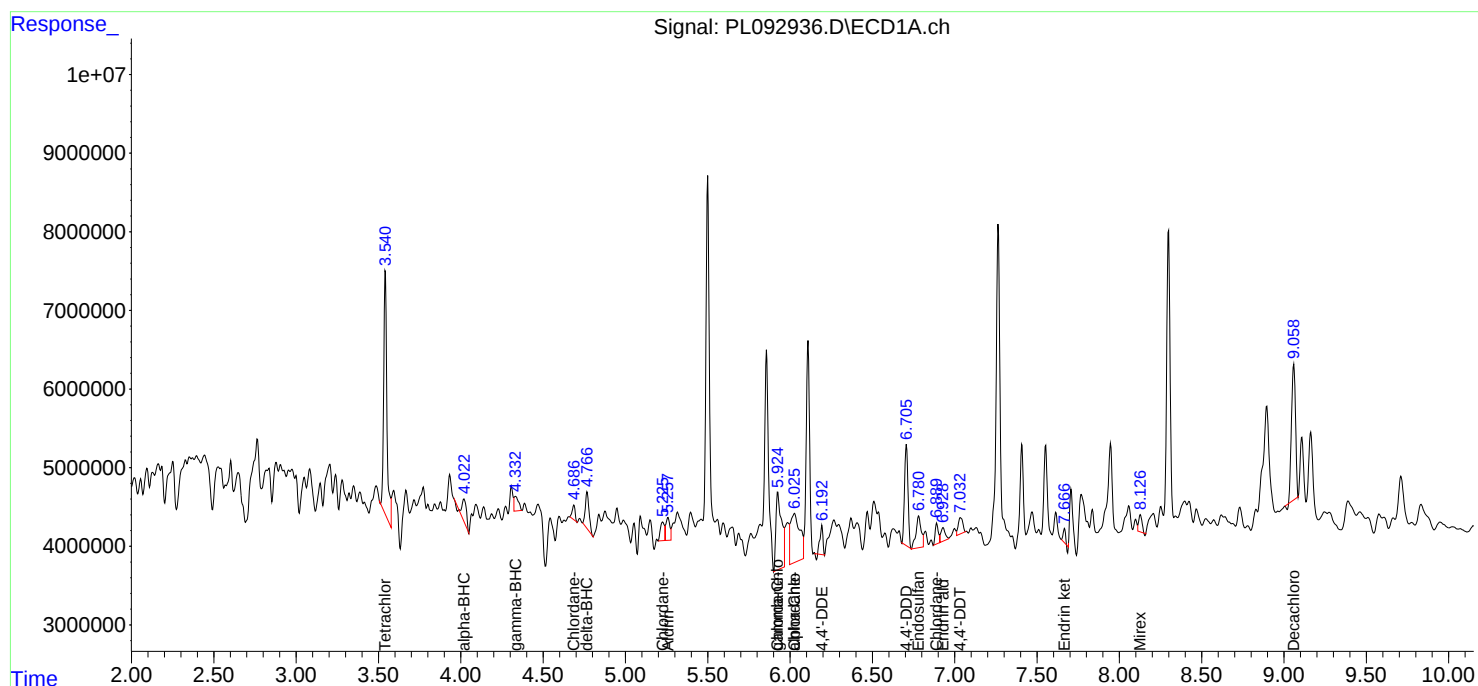
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

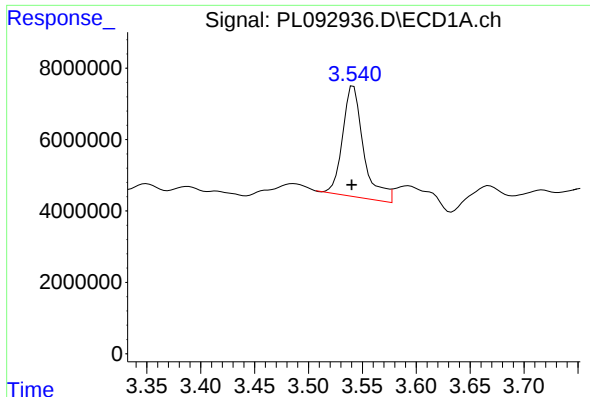
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110824\  
Data File : PL092936.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2024 17:08  
Operator : AR\AJ  
Sample : P4771-05  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 22:23:54 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 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

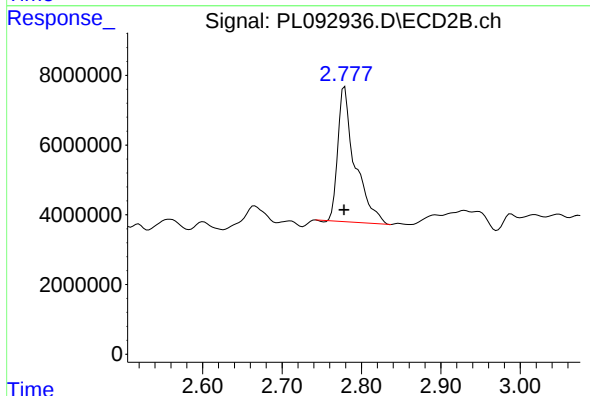




#1 Tetrachloro-m-xylene

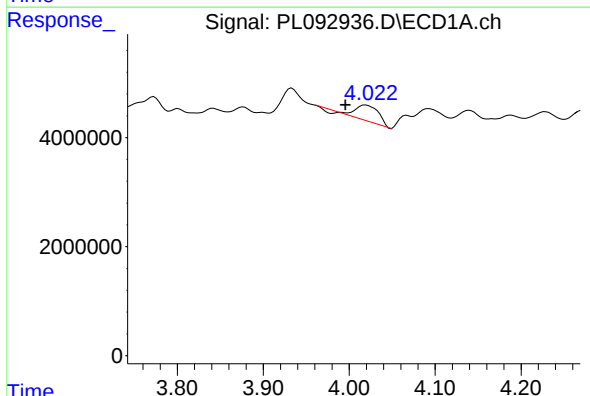
R.T.: 3.542 min  
Delta R.T.: 0.002 min  
Response: 41931923  
Conc: 17.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



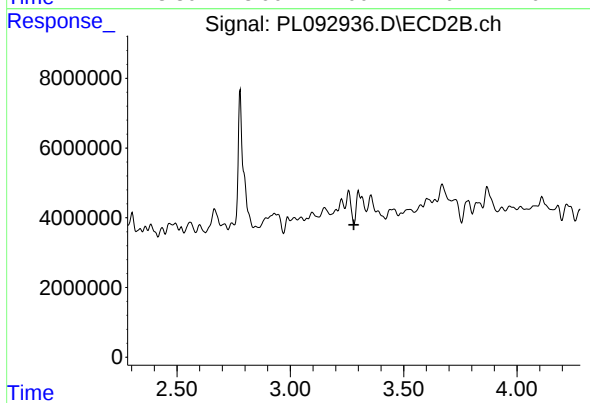
#1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: 0.001 min  
Response: 58118183  
Conc: 21.36 ng/ml



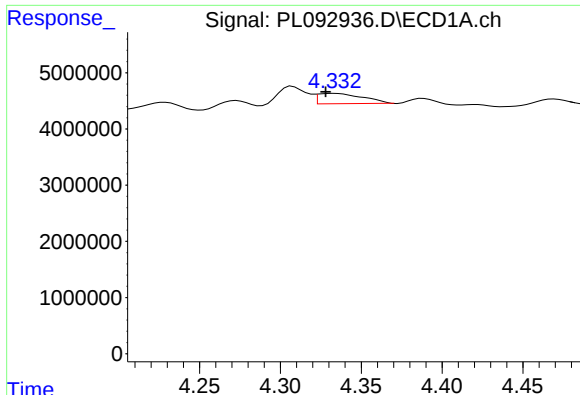
#2 alpha-BHC

R.T.: 4.019 min  
Delta R.T.: 0.024 min  
Response: 5047988  
Conc: 1.49 ng/ml



#2 alpha-BHC

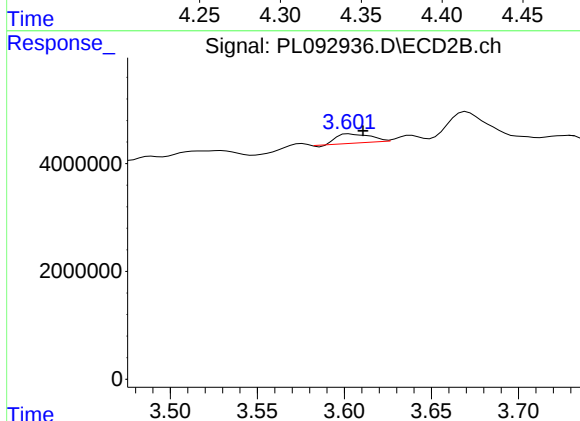
R.T.: 3.300 min  
Delta R.T.: 0.020 min  
Response: -2314490  
Conc: N.D.



#3 gamma-BHC (Lindane)

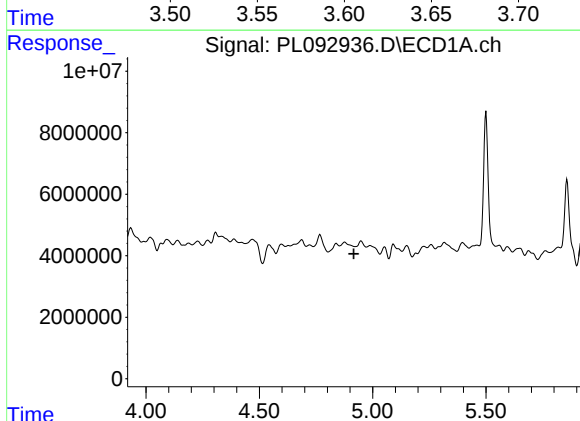
R.T.: 4.333 min  
Delta R.T.: 0.005 min  
Response: 3543296  
Conc: 1.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



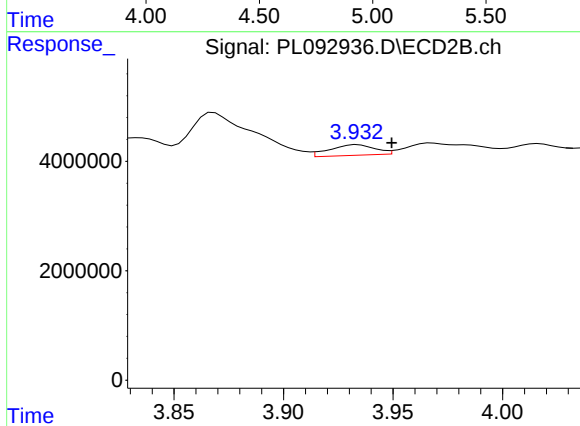
#3 gamma-BHC (Lindane)

R.T.: 3.603 min  
Delta R.T.: -0.008 min  
Response: 2274207  
Conc: 0.59 ng/ml



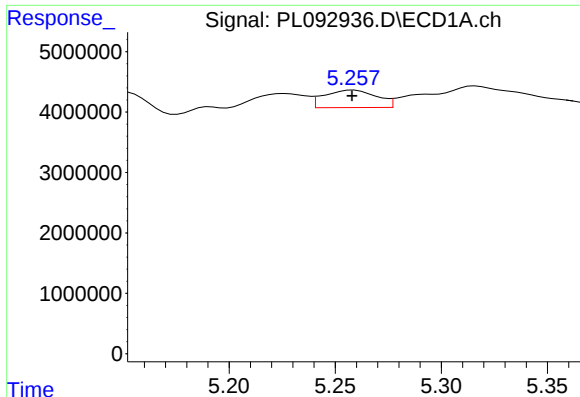
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.917 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

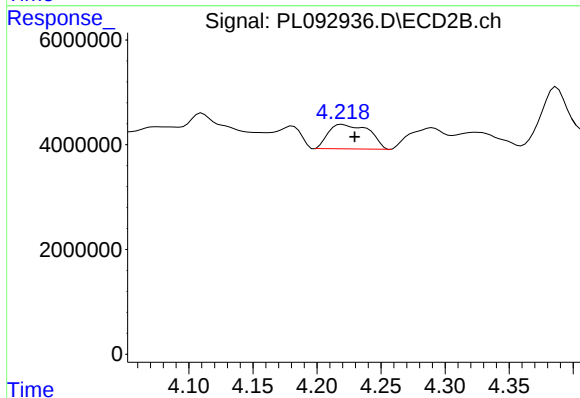
R.T.: 3.934 min  
Delta R.T.: -0.016 min  
Response: 2785630  
Conc: 0.74 ng/ml



#5 Aldrin

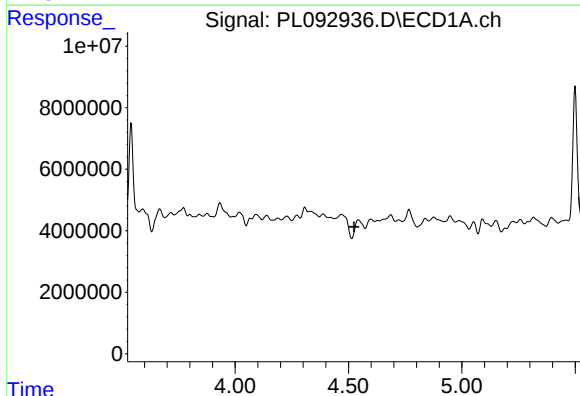
R.T.: 5.259 min  
Delta R.T.: 0.000 min  
Response: 4955752  
Conc: 1.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



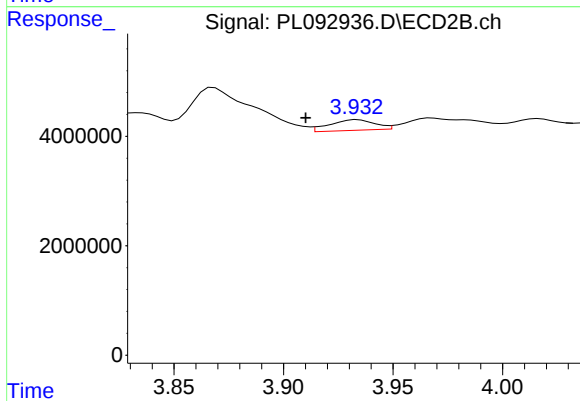
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: -0.010 min  
Response: 10326278  
Conc: 2.82 ng/ml



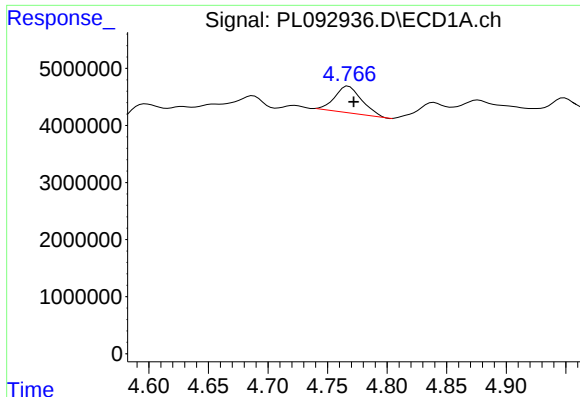
#6 beta-BHC

R.T.: 4.544 min  
Delta R.T.: 0.018 min  
Response: -6112462  
Conc: N.D.



#6 beta-BHC

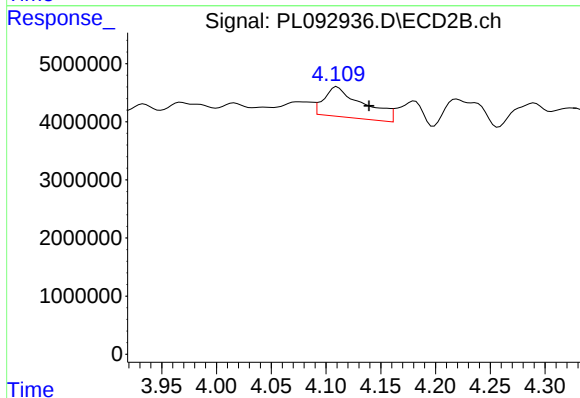
R.T.: 3.934 min  
Delta R.T.: 0.024 min  
Response: 2785630  
Conc: 1.69 ng/ml



#7 delta-BHC

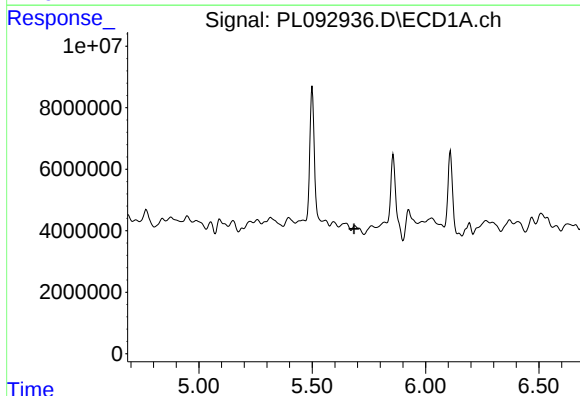
R.T.: 4.768 min  
Delta R.T.: -0.004 min  
Response: 7357990  
Conc: 2.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



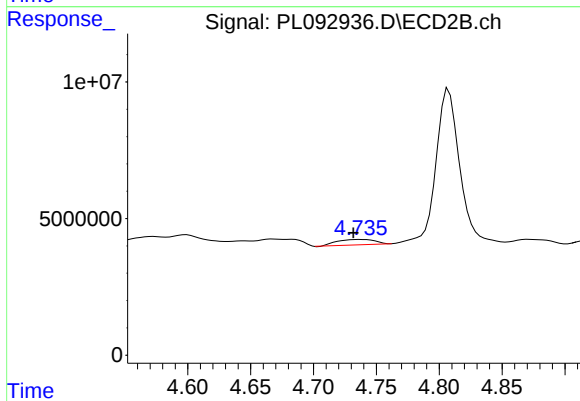
#7 delta-BHC

R.T.: 4.110 min  
Delta R.T.: -0.029 min  
Response: 12792650  
Conc: 3.33 ng/ml



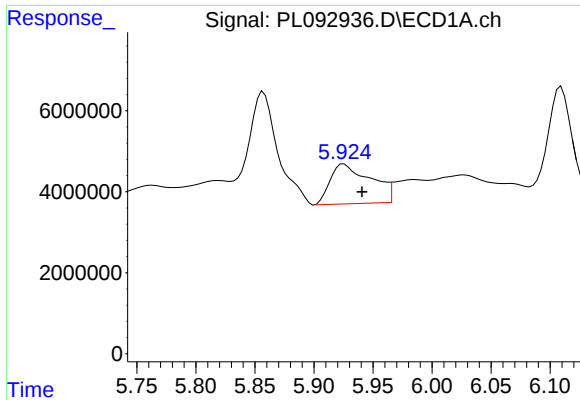
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.684 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

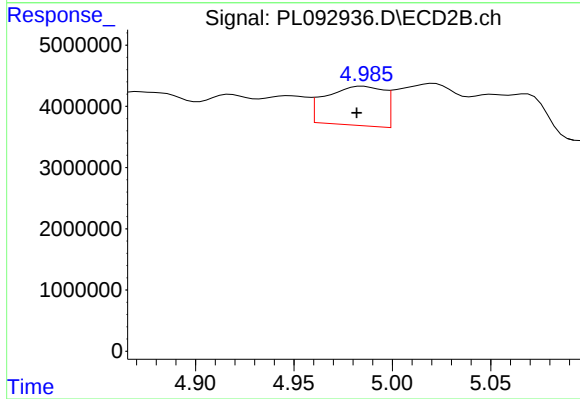
R.T.: 4.737 min  
Delta R.T.: 0.005 min  
Response: 4096705  
Conc: 1.23 ng/ml



#10 gamma-Chlordane

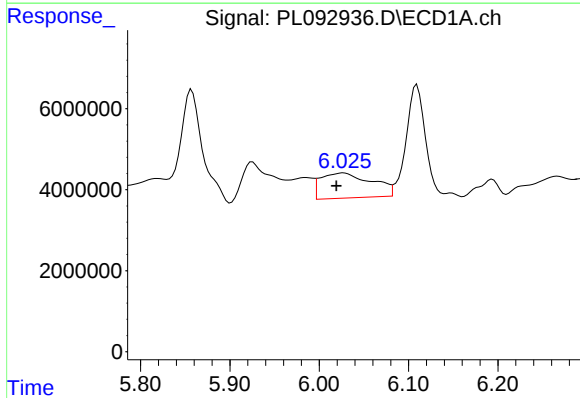
R.T.: 5.925 min  
Delta R.T.: -0.015 min  
Response: 23463607  
Conc: 8.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



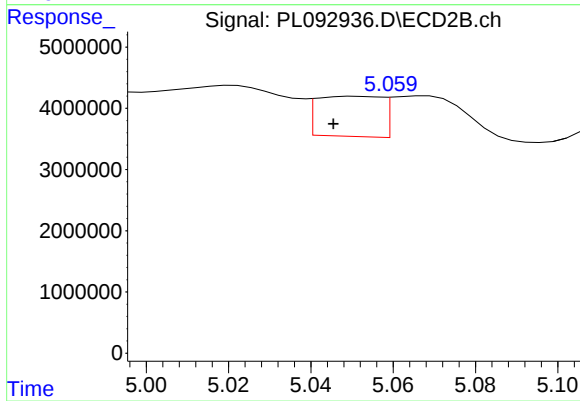
#10 gamma-Chlordane

R.T.: 4.985 min  
Delta R.T.: 0.003 min  
Response: 13078365  
Conc: 3.89 ng/ml



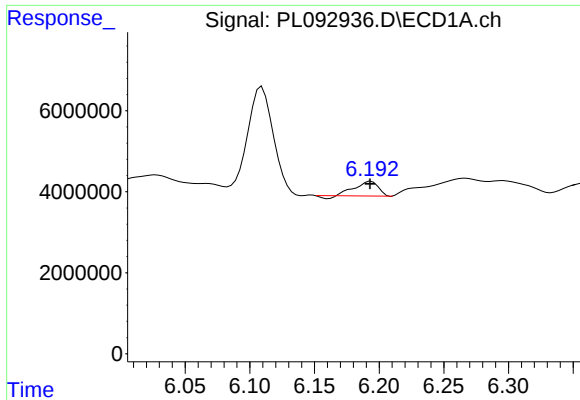
#11 alpha-Chlordane

R.T.: 6.027 min  
Delta R.T.: 0.008 min  
Response: 24631557  
Conc: 9.30 ng/ml



#11 alpha-Chlordane

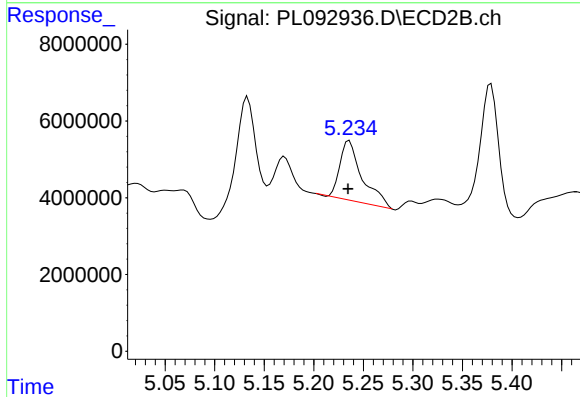
R.T.: 5.051 min  
Delta R.T.: 0.006 min  
Response: 7225334  
Conc: 2.17 ng/ml



#12 4,4'-DDE

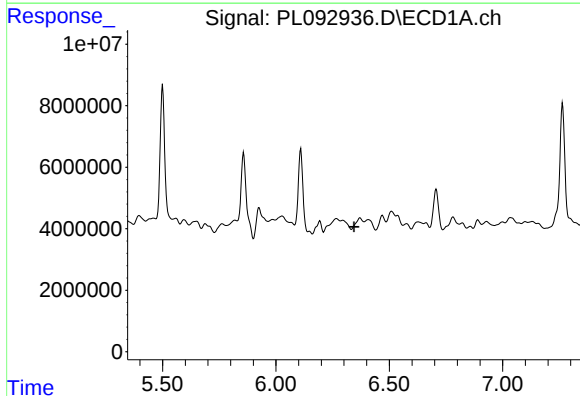
R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 4262921  
Conc: 1.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



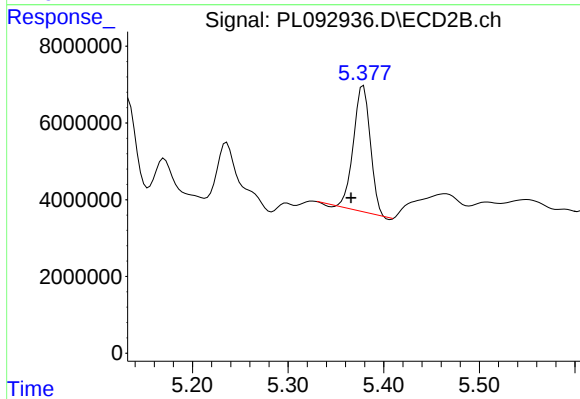
#12 4,4'-DDE

R.T.: 5.236 min  
Delta R.T.: 0.001 min  
Response: 23707856  
Conc: 7.36 ng/ml



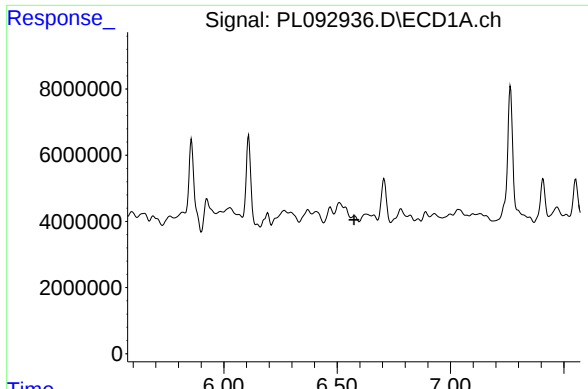
#13 Dieldrin

R.T.: 6.371 min  
Delta R.T.: 0.026 min  
Response: -2011406  
Conc: N.D.



#13 Dieldrin

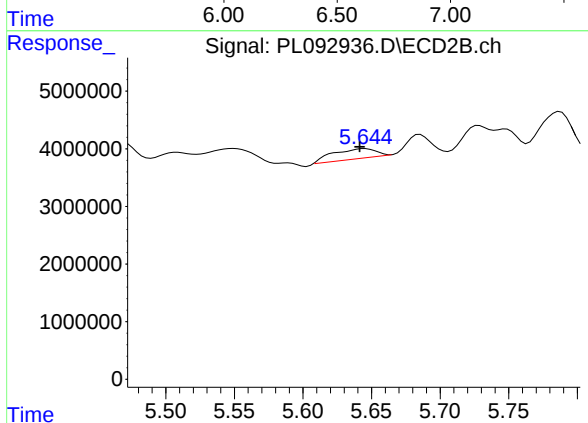
R.T.: 5.379 min  
Delta R.T.: 0.013 min  
Response: 39186151  
Conc: 11.73 ng/ml



#14 Endrin

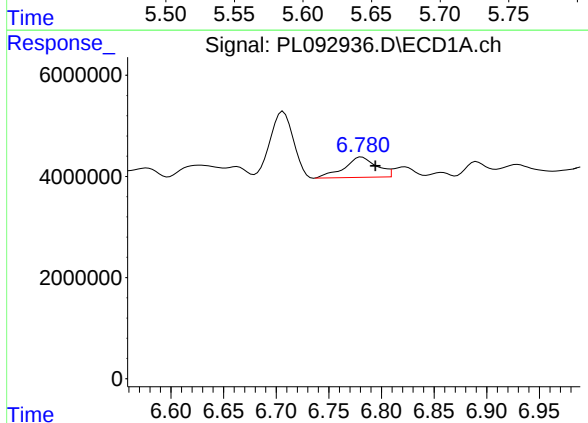
R.T.: 0.000 min  
Exp R.T.: 6.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



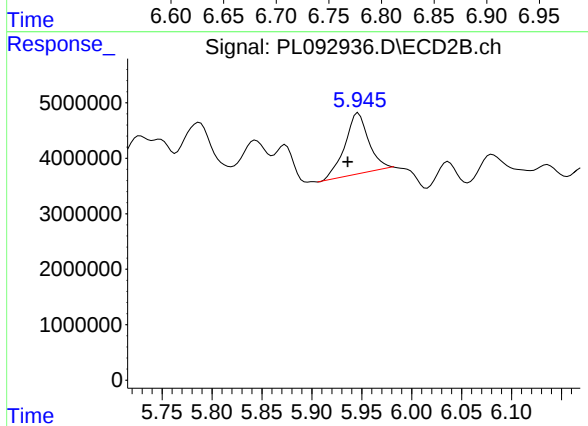
#14 Endrin

R.T.: 5.645 min  
Delta R.T.: 0.004 min  
Response: 3764946  
Conc: 1.30 ng/ml



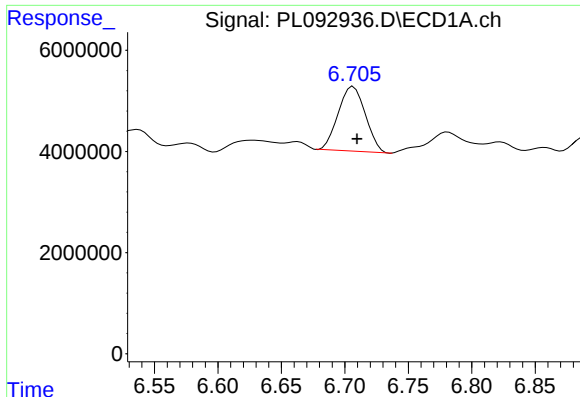
#15 Endosulfan II

R.T.: 6.781 min  
Delta R.T.: -0.013 min  
Response: 8666452  
Conc: 3.64 ng/ml



#15 Endosulfan II

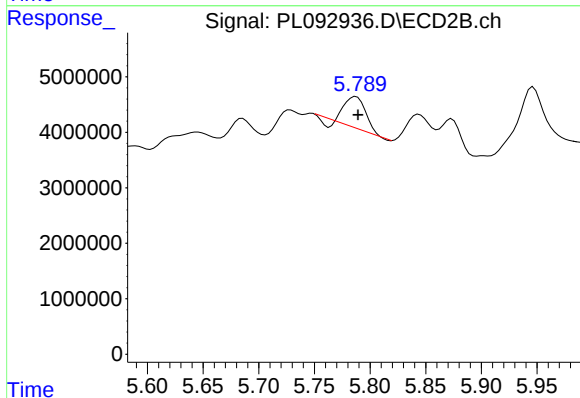
R.T.: 5.947 min  
Delta R.T.: 0.011 min  
Response: 17769188  
Conc: 6.27 ng/ml



#16 4,4'-DDD

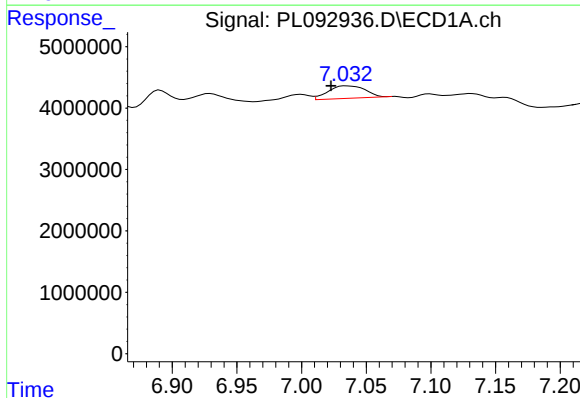
R.T.: 6.707 min  
Delta R.T.: -0.003 min  
Response: 19027259  
Conc: 9.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



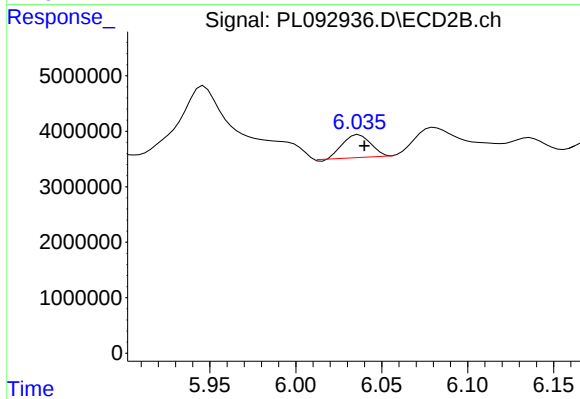
#16 4,4'-DDD

R.T.: 5.787 min  
Delta R.T.: -0.002 min  
Response: 6827135  
Conc: 2.74 ng/ml



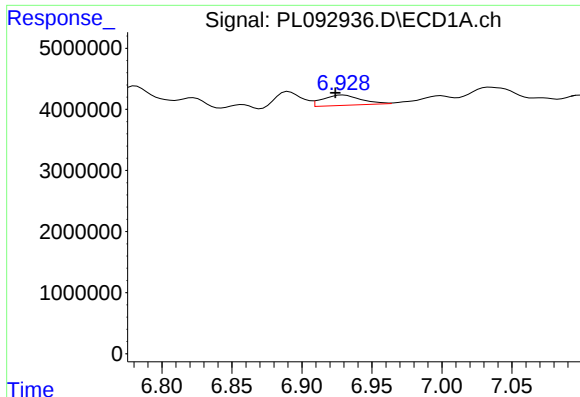
#17 4,4'-DDT

R.T.: 7.035 min  
Delta R.T.: 0.012 min  
Response: 4157456  
Conc: 2.01 ng/ml



#17 4,4'-DDT

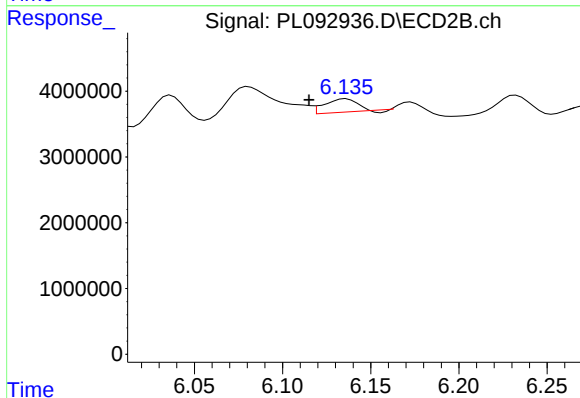
R.T.: 6.037 min  
Delta R.T.: -0.003 min  
Response: 4638051  
Conc: 1.73 ng/ml



#18 Endrin aldehyde

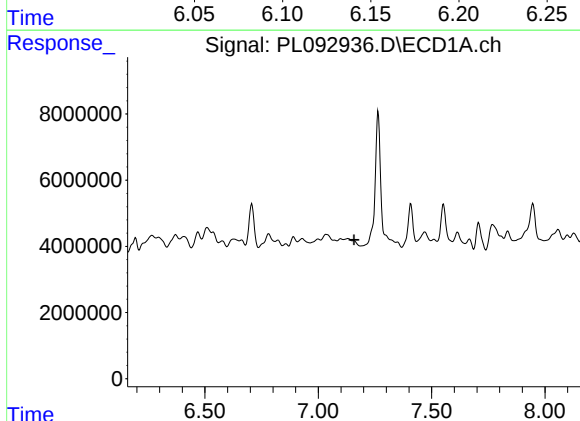
R.T.: 6.929 min  
Delta R.T.: 0.005 min  
Response: 3216791  
Conc: 1.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



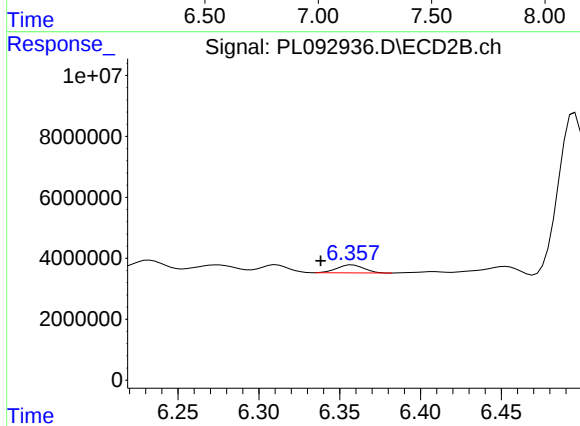
#18 Endrin aldehyde

R.T.: 6.136 min  
Delta R.T.: 0.021 min  
Response: 2611230  
Conc: 1.13 ng/ml



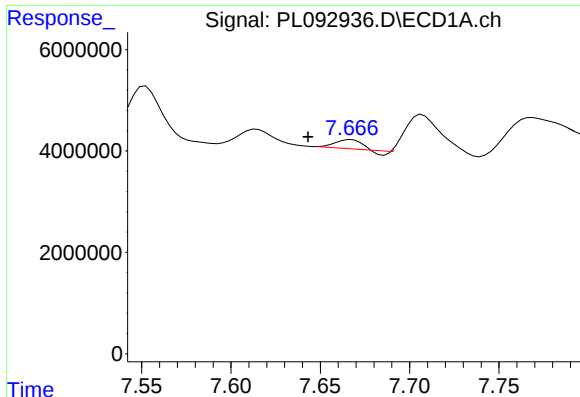
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.158 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

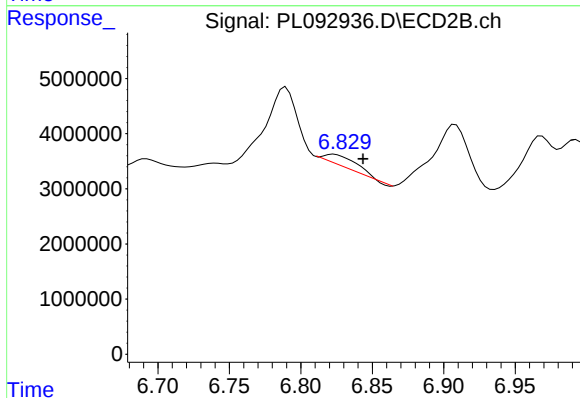
R.T.: 6.358 min  
Delta R.T.: 0.020 min  
Response: 2914943  
Conc: 1.08 ng/ml



#21 Endrin ketone

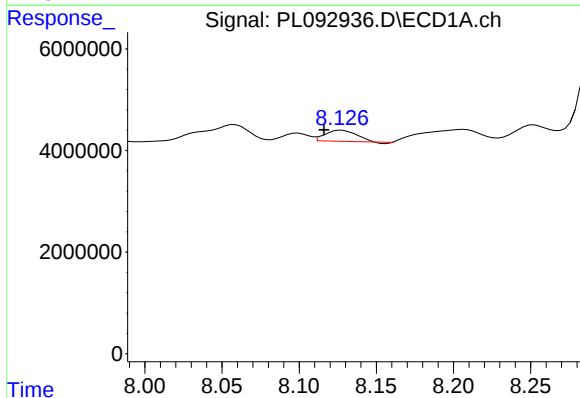
R.T.: 7.667 min  
Delta R.T.: 0.024 min  
Response: 969892  
Conc: 0.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



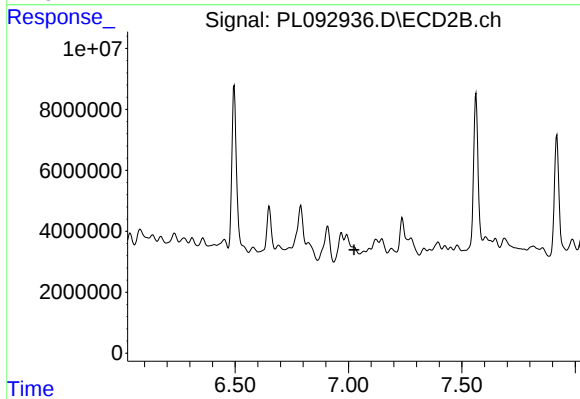
#21 Endrin ketone

R.T.: 6.823 min  
Delta R.T.: -0.020 min  
Response: 3041221  
Conc: 0.99 ng/ml



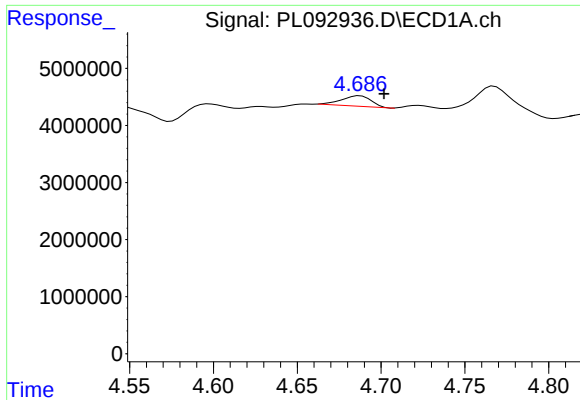
#22 Mirex

R.T.: 8.128 min  
Delta R.T.: 0.011 min  
Response: 2969669  
Conc: 1.50 ng/ml



#22 Mirex

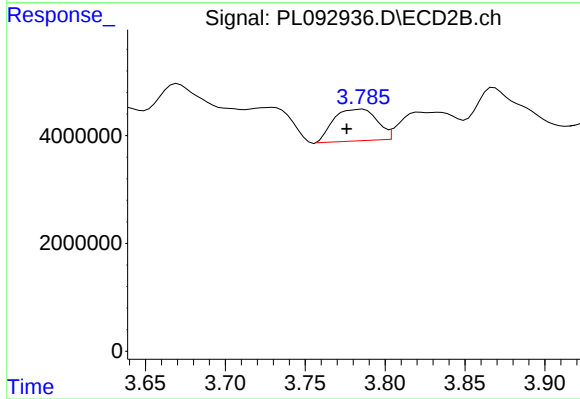
R.T.: 0.000 min  
Exp R.T. : 7.024 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

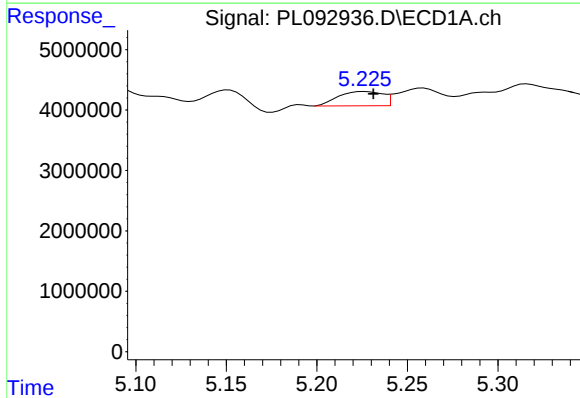
R.T.: 4.687 min  
Delta R.T.: -0.014 min  
Response: 2257728  
Conc: 20.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



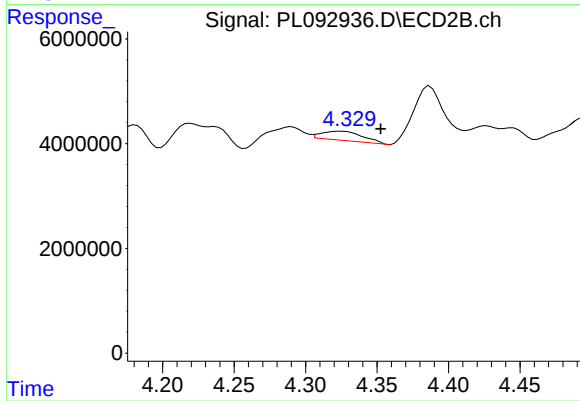
#23 Chlordane-1

R.T.: 3.786 min  
Delta R.T.: 0.010 min  
Response: 10996376  
Conc: 103.59 ng/ml



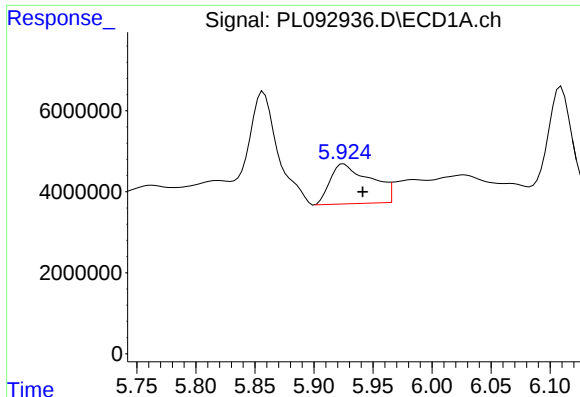
#24 Chlordane-2

R.T.: 5.226 min  
Delta R.T.: -0.005 min  
Response: 3998996  
Conc: 34.89 ng/ml



#24 Chlordane-2

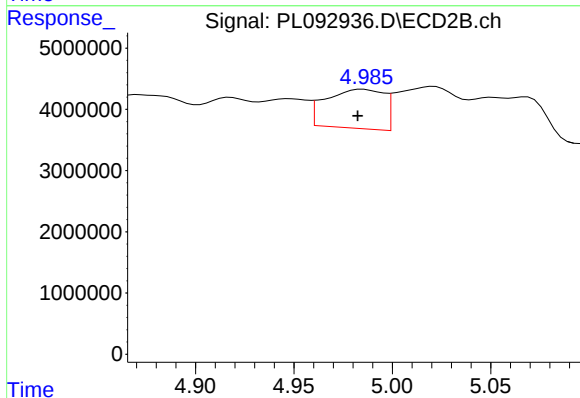
R.T.: 4.324 min  
Delta R.T.: -0.028 min  
Response: 3519247  
Conc: 28.41 ng/ml



#25 Chlordane-3

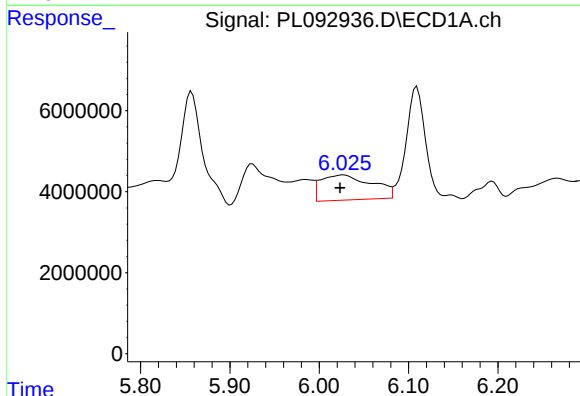
R.T.: 5.925 min  
Delta R.T.: -0.016 min  
Response: 23463607  
Conc: 60.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



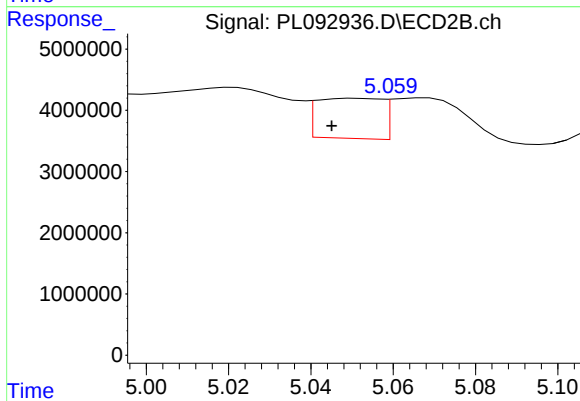
#25 Chlordane-3

R.T.: 4.985 min  
Delta R.T.: 0.003 min  
Response: 13078365  
Conc: 36.06 ng/ml



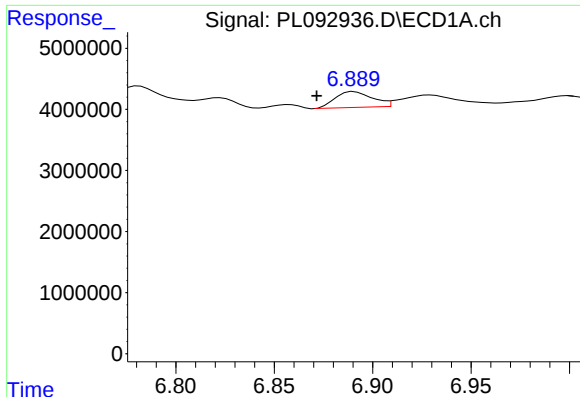
#26 Chlordane-4

R.T.: 6.027 min  
Delta R.T.: 0.004 min  
Response: 24631557  
Conc: 51.53 ng/ml



#26 Chlordane-4

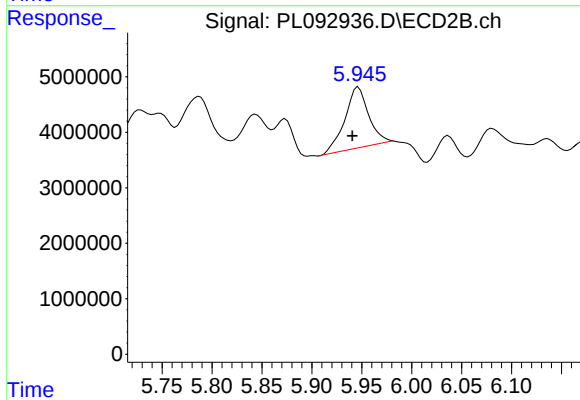
R.T.: 5.051 min  
Delta R.T.: 0.006 min  
Response: 7225334  
Conc: 20.65 ng/ml



#27 Chlordane-5

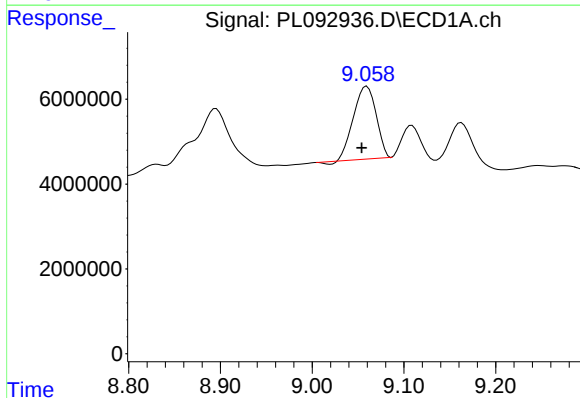
R.T.: 6.891 min  
Delta R.T.: 0.019 min  
Response: 3414713  
Conc: 36.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



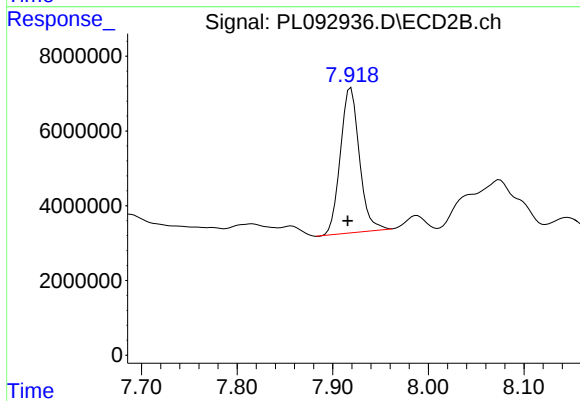
#27 Chlordane-5

R.T.: 5.947 min  
Delta R.T.: 0.006 min  
Response: 17769188  
Conc: 140.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: 0.006 min  
Response: 29295163  
Conc: 15.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min  
Delta R.T.: 0.003 min  
Response: 53671005  
Conc: 19.67 ng/ml