

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111323\  
 Data File : PL086616.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2023 15:30  
 Operator : AR\AJ  
 Sample : 05377-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 20:03:12 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 13:04:14 2023  
 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... | 3.353  | 2.620  | 26362682 | 8695430 | 8.119  | 8.831    |
| 2)                          | SA Decachlor... | 8.852  | 7.767  | 16888518 | 7515977 | 5.770  | 6.224    |
| Target Compounds            |                 |        |        |          |         |        |          |
| 4)                          | MA Heptachlor   | 0.000  | 3.779  | 0        | 114390  | N.D.   | 0.085 #  |
| 5)                          | MB Aldrin       | 5.038f | 4.059  | 1227683  | 171543  | 0.271  | 0.132 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.749  | 0        | 39414   | N.D.   | 0.066 #  |
| 7)                          | B delta-BHC     | 4.584  | 3.972  | 2127240  | 64896   | 0.463  | 0.050 #  |
| 10)                         | B gamma-Chl...  | 5.754  | 4.811  | 5438164  | 1088469 | 1.327  | 0.882 #  |
| 11)                         | B alpha-Chl...  | 5.836  | 4.874  | 20488294 | 3548631 | 5.046  | 2.838 #  |
| 12)                         | B 4,4'-DDE      | 6.013  | 5.074  | 7483241  | 2319845 | 2.158  | 2.260    |
| 13)                         | MA Dieldrin     | 6.156  | 5.203  | 728100   | 30805   | 0.185  | 0.026 #  |
| 14)                         | MA Endrin       | 6.395  | 5.489f | 3363     | 340469  | 0.001  | 0.311 #  |
| 15)                         | B Endosulfa...  | 6.608  | 5.767  | 2401039  | 622204  | 0.676  | 0.567    |
| 16)                         | A 4,4'-DDD      | 6.540  | 5.630  | 1043204  | 181954  | 0.392  | 0.214 #  |
| 17)                         | MA 4,4'-DDT     | 6.848  | 5.879  | 3053849  | 1342680 | 1.030  | 1.373 #  |
| 18)                         | B Endrin al...  | 6.752f | 5.951  | -95701   | 1397269 | N.D.   | 1.492    |
| 19)                         | B Endosulfa...  | 6.964  | 6.173  | 503797   | 98108   | 0.150  | 0.090 #  |
| 21)                         | B Endrin ke...  | 7.446  | 6.677  | 319376   | 55288   | 0.094  | 0.043 #  |
| 22)                         | Mirex           | 7.955f | 0.000  | 51239    | 0       | 0.018  | N.D. #   |
| 23)                         | Chlordane-1     | 4.509  | 3.606  | 982175   | 439454  | 7.020  | 12.543 # |
| 24)                         | Chlordane-2     | 5.038  | 4.186  | 1227683  | 626323  | 8.100  | 13.867 # |
| 25)                         | Chlordane-3     | 5.754  | 4.811  | 5438164  | 1088469 | 9.401  | 9.231    |
| 26)                         | Chlordane-4     | 5.836  | 4.874  | 20488294 | 3548631 | 28.658 | 27.794   |
| 27)                         | Chlordane-5     | 6.680  | 5.549  | 1414848  | 530291  | 10.874 | 14.606 # |
| -----                       |                 |        |        |          |         |        |          |

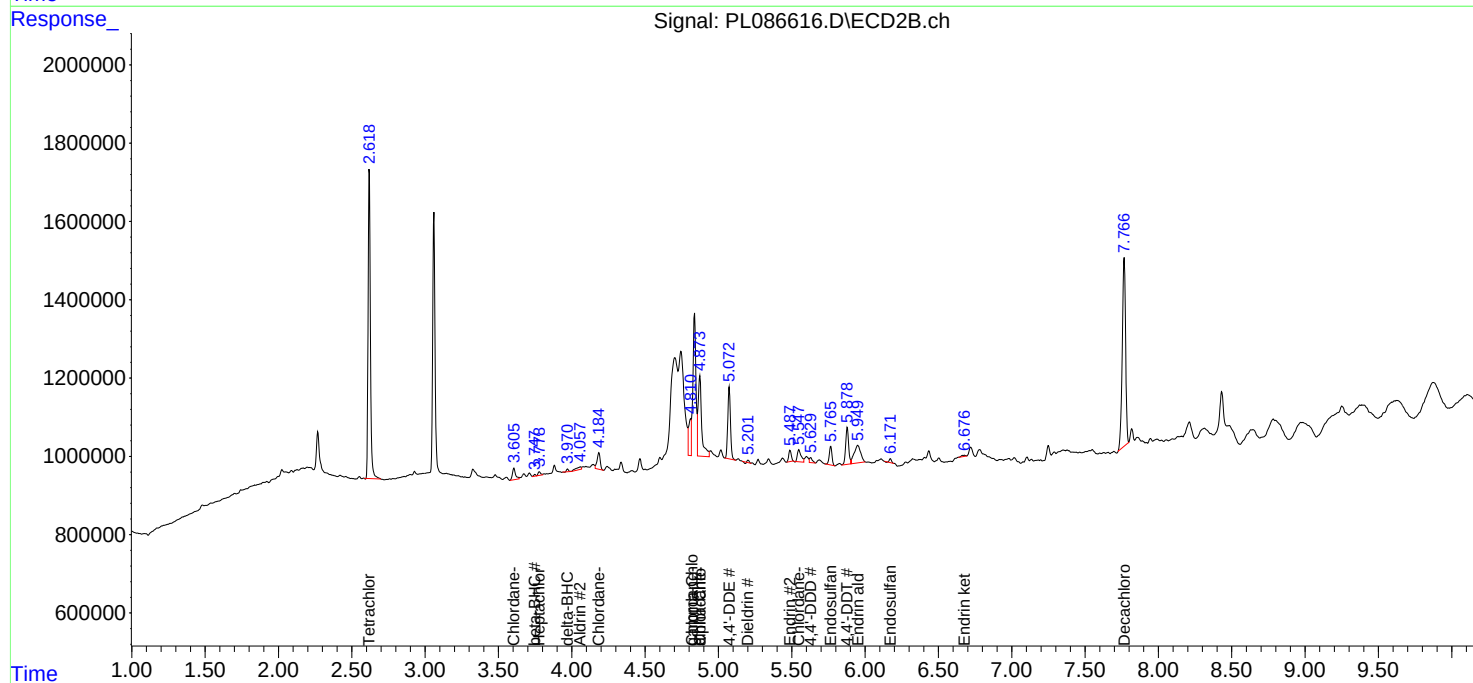
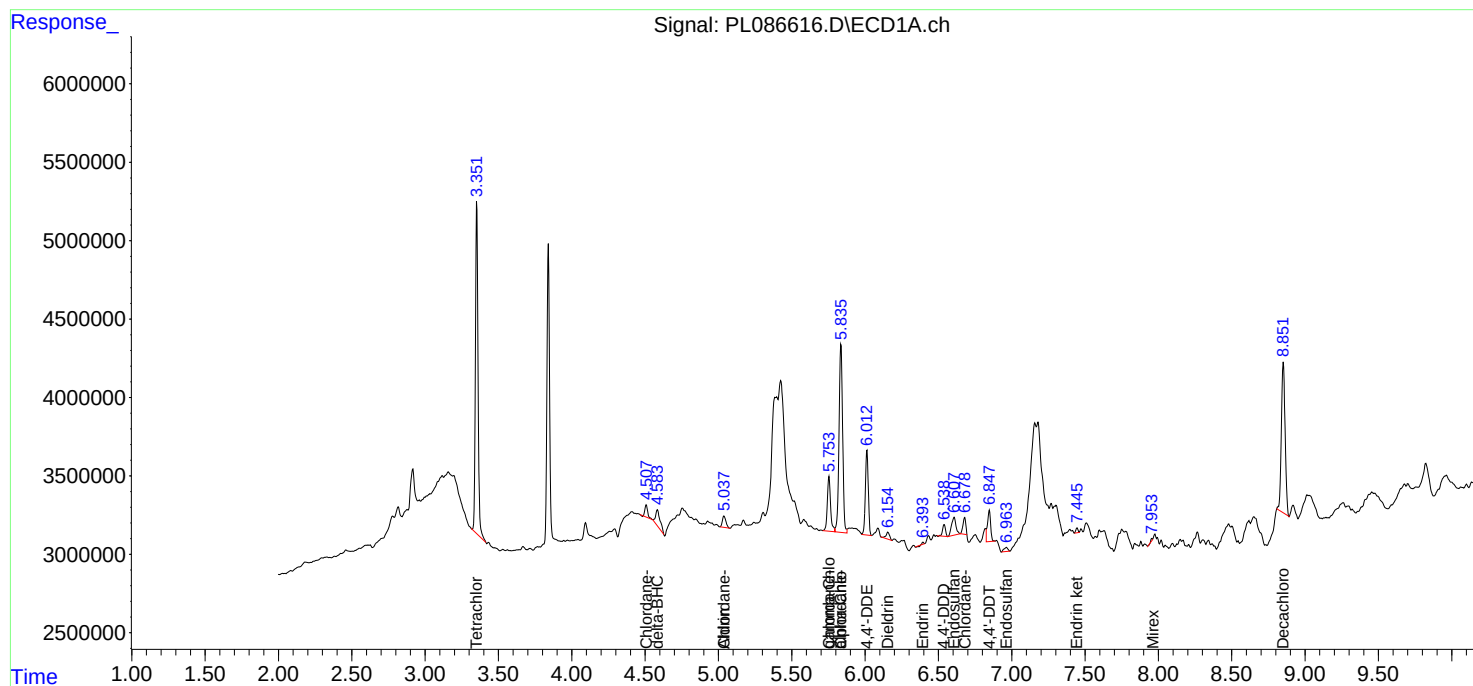
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

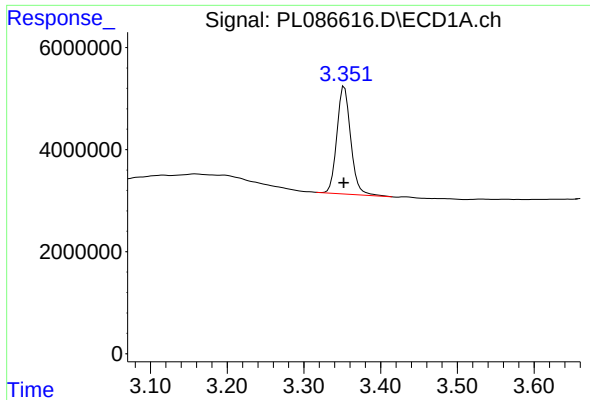
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111323\  
Data File : PL086616.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2023 15:30  
Operator : AR\AJ  
Sample : 05377-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 20:03:12 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 08 13:04:14 2023  
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

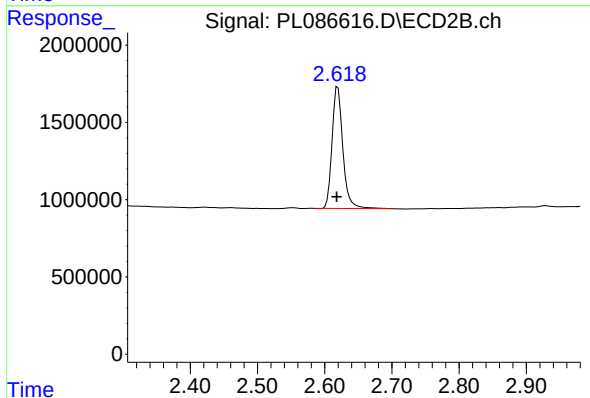




#1 Tetrachloro-m-xylene

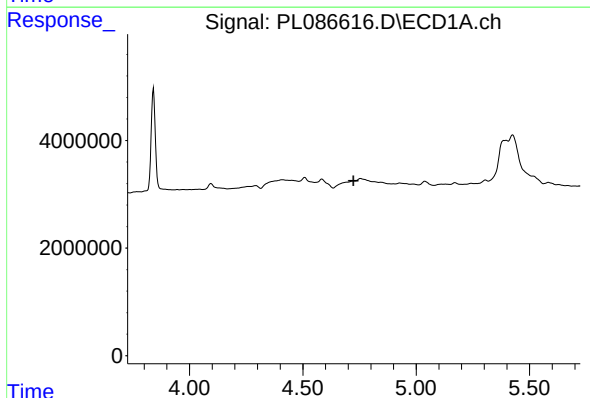
R.T.: 3.353 min  
Delta R.T.: 0.000 min  
Response: 26362682  
Conc: 8.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



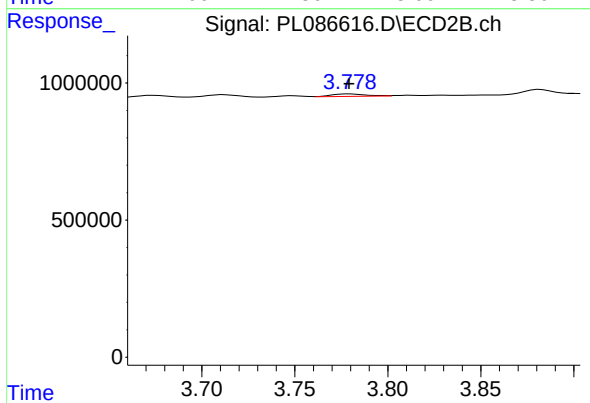
#1 Tetrachloro-m-xylene

R.T.: 2.620 min  
Delta R.T.: 0.002 min  
Response: 8695430  
Conc: 8.83 ng/ml



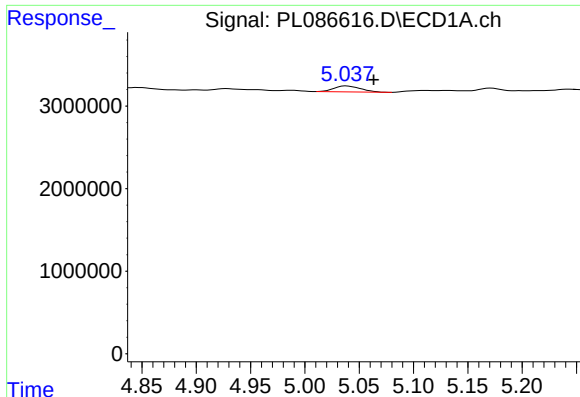
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.724 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

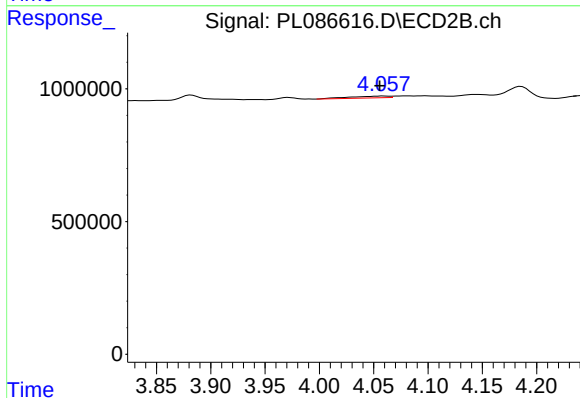
R.T.: 3.779 min  
Delta R.T.: 0.000 min  
Response: 114390  
Conc: 0.09 ng/ml



#5 Aldrin

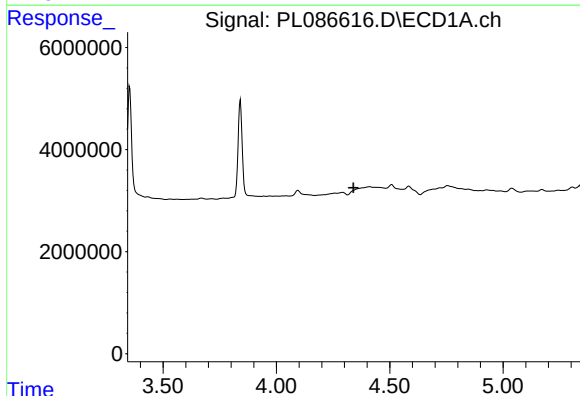
R.T.: 5.038 min  
Delta R.T.: -0.025 min  
Response: 1227683  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



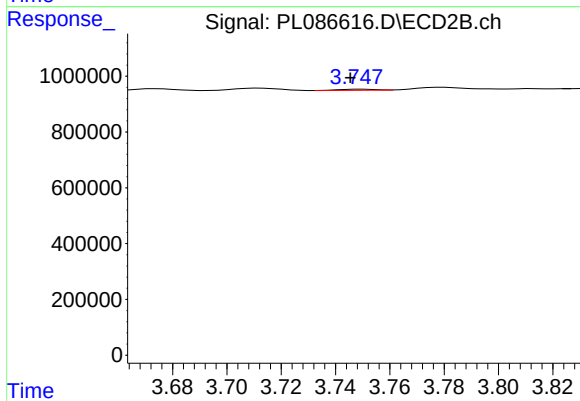
#5 Aldrin

R.T.: 4.059 min  
Delta R.T.: 0.003 min  
Response: 171543  
Conc: 0.13 ng/ml



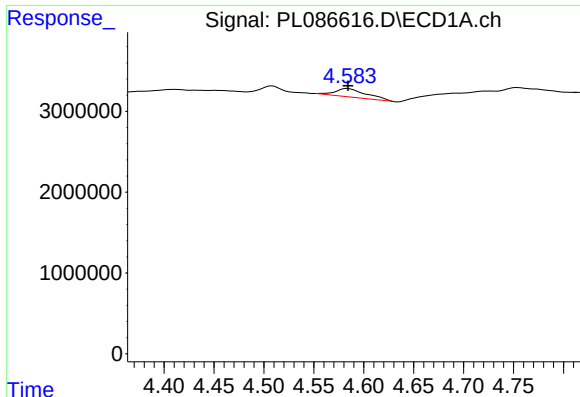
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.340 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

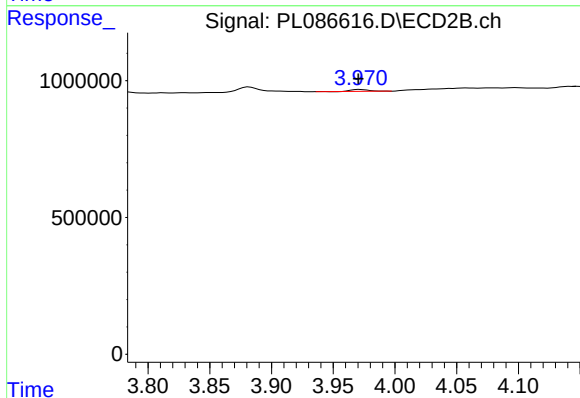
R.T.: 3.749 min  
Delta R.T.: 0.004 min  
Response: 39414  
Conc: 0.07 ng/ml



#7 delta-BHC

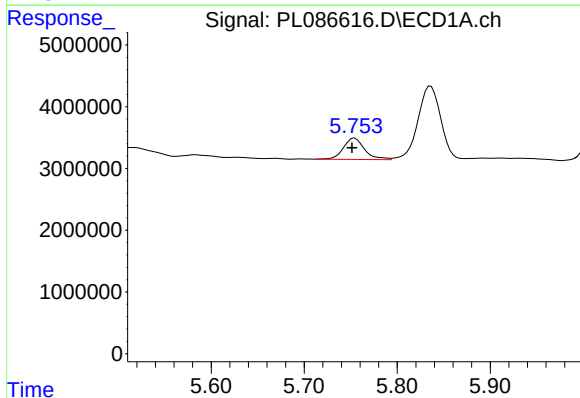
R.T.: 4.584 min  
Delta R.T.: 0.000 min  
Response: 2127240  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



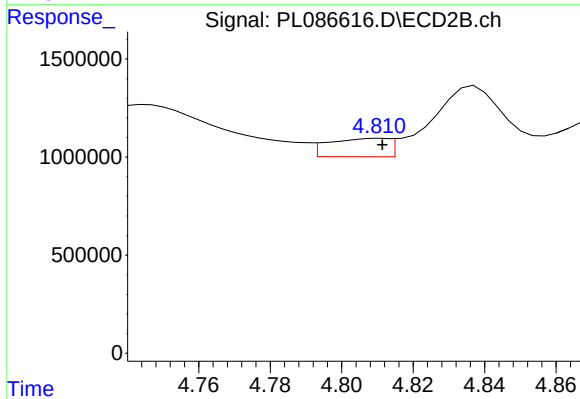
#7 delta-BHC

R.T.: 3.972 min  
Delta R.T.: 0.001 min  
Response: 64896  
Conc: 0.05 ng/ml



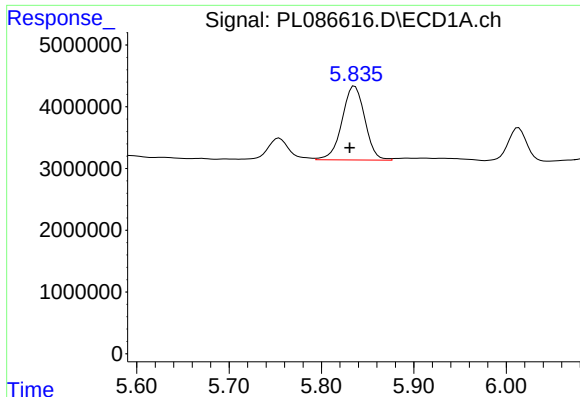
#10 gamma-Chlordane

R.T.: 5.754 min  
Delta R.T.: 0.003 min  
Response: 5438164  
Conc: 1.33 ng/ml



#10 gamma-Chlordane

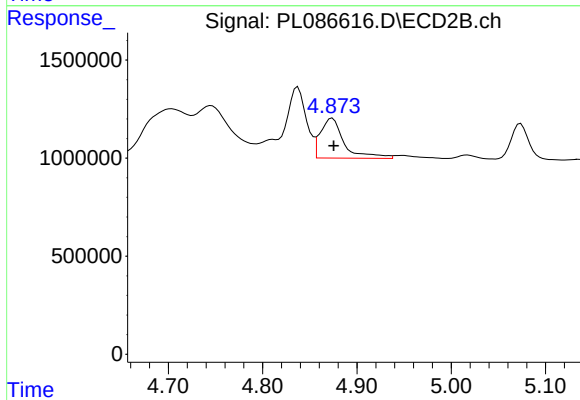
R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 1088469  
Conc: 0.88 ng/ml



#11 alpha-Chlordane

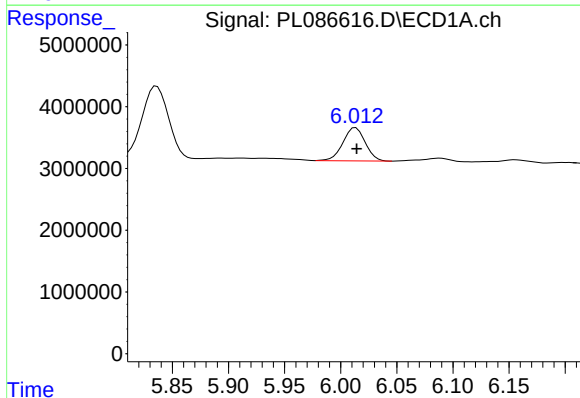
R.T.: 5.836 min  
Delta R.T.: 0.005 min  
Response: 20488294  
Conc: 5.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



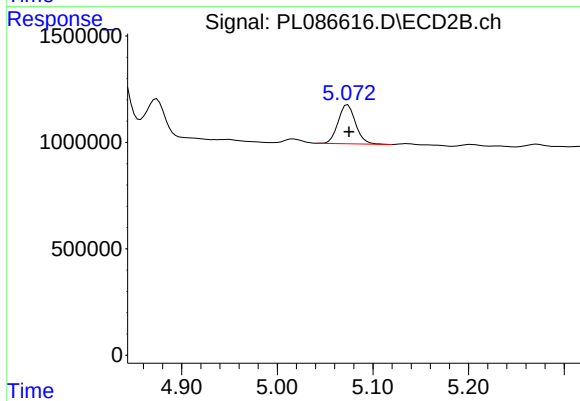
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.002 min  
Response: 3548631  
Conc: 2.84 ng/ml



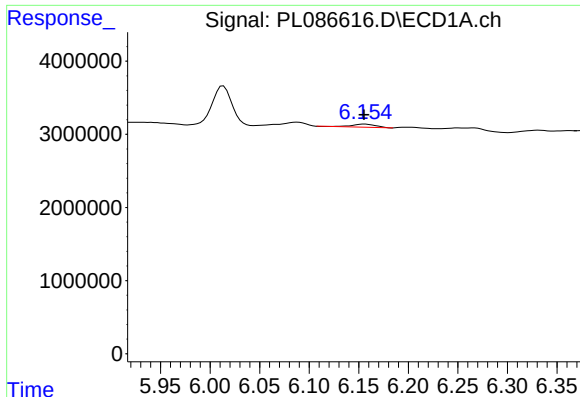
#12 4,4'-DDE

R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 7483241  
Conc: 2.16 ng/ml



#12 4,4'-DDE

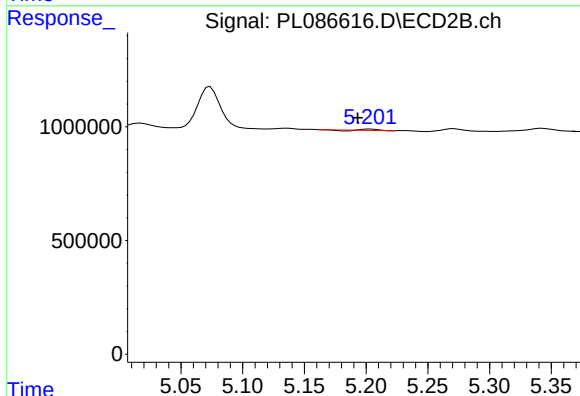
R.T.: 5.074 min  
Delta R.T.: -0.001 min  
Response: 2319845  
Conc: 2.26 ng/ml



#13 Dieldrin

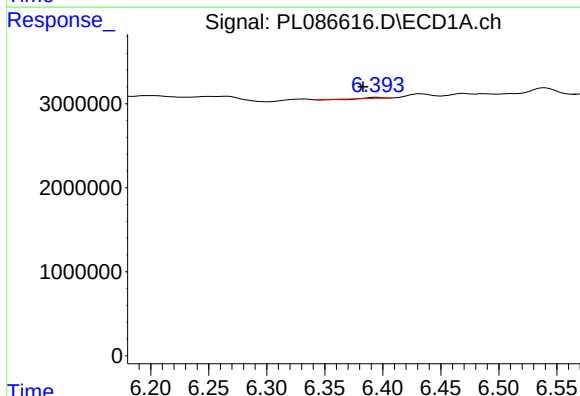
R.T.: 6.156 min  
Delta R.T.: 0.000 min  
Response: 728100  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



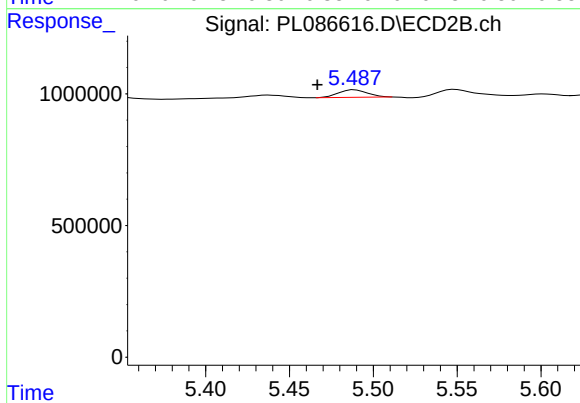
#13 Dieldrin

R.T.: 5.203 min  
Delta R.T.: 0.009 min  
Response: 30805  
Conc: 0.03 ng/ml



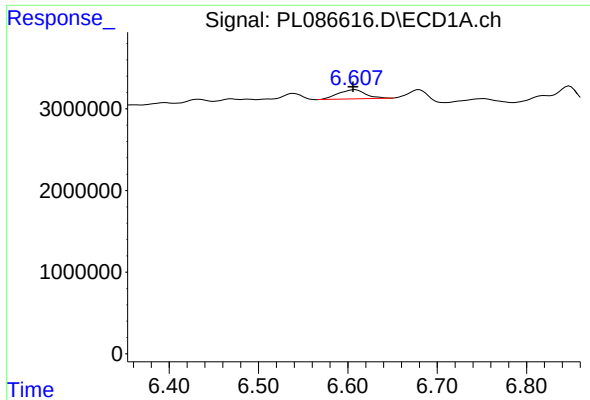
#14 Endrin

R.T.: 6.395 min  
Delta R.T.: 0.012 min  
Response: 3363  
Conc: 0.00 ng/ml



#14 Endrin

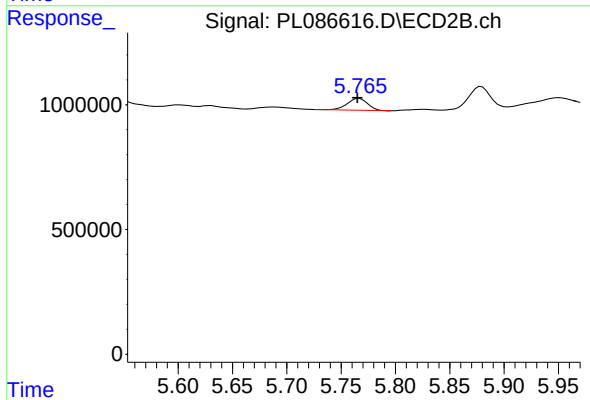
R.T.: 5.489 min  
Delta R.T.: 0.022 min  
Response: 340469  
Conc: 0.31 ng/ml



#15 Endosulfan II

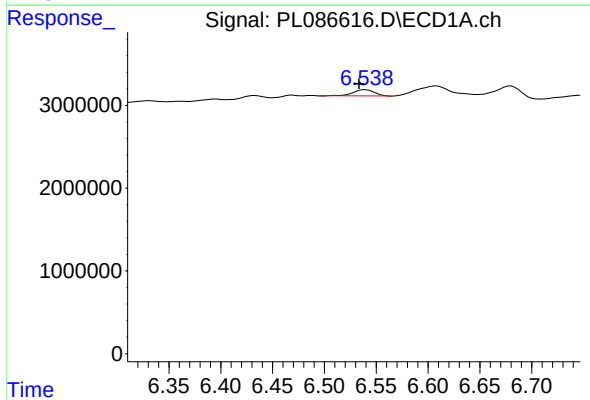
R.T.: 6.608 min  
Delta R.T.: 0.002 min  
Response: 2401039  
Conc: 0.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



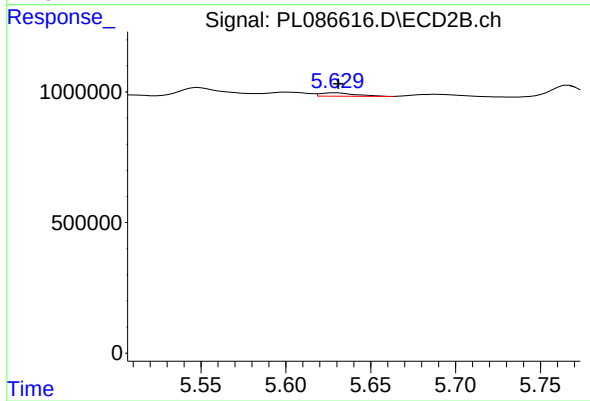
#15 Endosulfan II

R.T.: 5.767 min  
Delta R.T.: 0.002 min  
Response: 622204  
Conc: 0.57 ng/ml



#16 4,4'-DDD

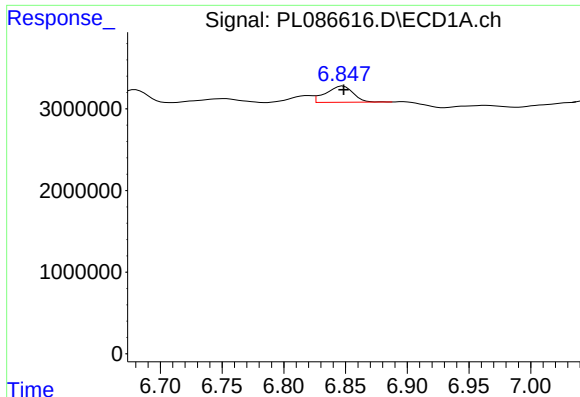
R.T.: 6.540 min  
Delta R.T.: 0.006 min  
Response: 1043204  
Conc: 0.39 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min  
Delta R.T.: -0.001 min  
Response: 181954  
Conc: 0.21 ng/ml

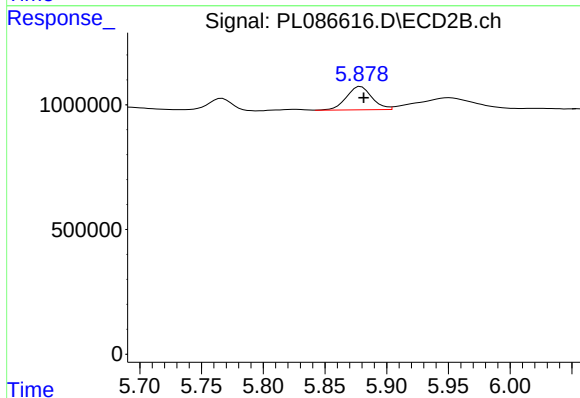




#17 4,4'-DDT

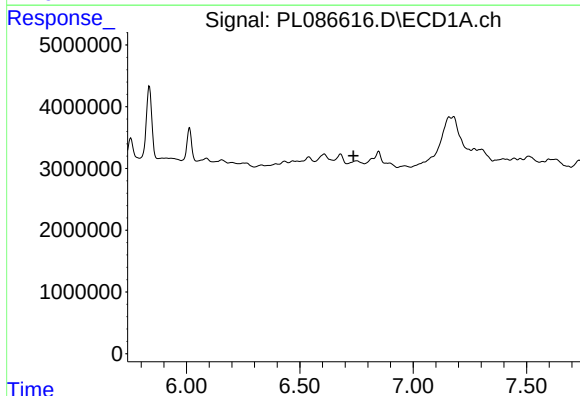
R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 3053849  
Conc: 1.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



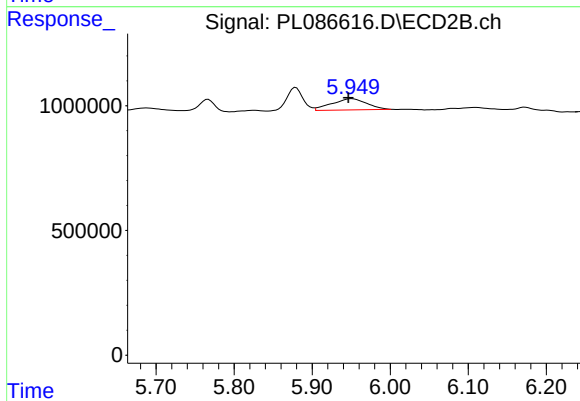
#17 4,4'-DDT

R.T.: 5.879 min  
Delta R.T.: -0.002 min  
Response: 1342680  
Conc: 1.37 ng/ml



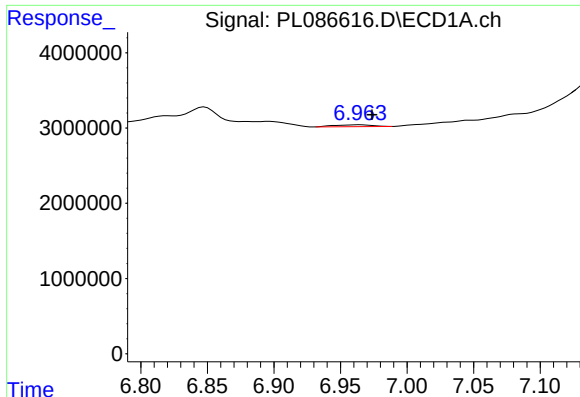
#18 Endrin aldehyde

R.T.: 6.752 min  
Delta R.T.: 0.015 min  
Response: -95701  
Conc: N.D.



#18 Endrin aldehyde

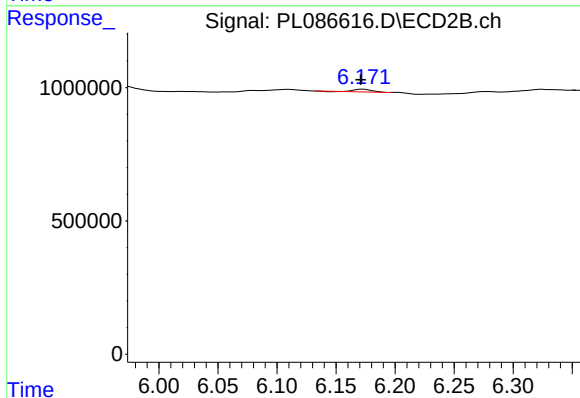
R.T.: 5.951 min  
Delta R.T.: 0.004 min  
Response: 1397269  
Conc: 1.49 ng/ml



#19 Endosulfan Sulfate

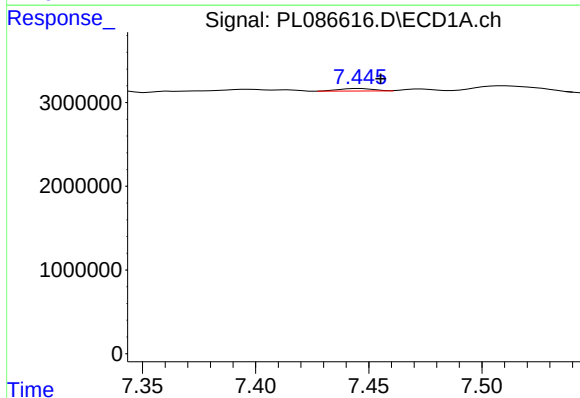
R.T.: 6.964 min  
Delta R.T.: -0.010 min  
Response: 503797  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



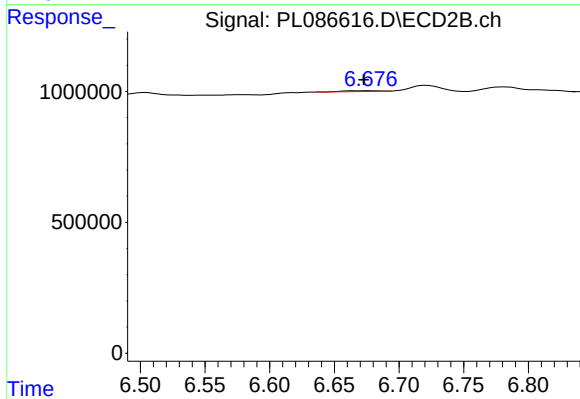
#19 Endosulfan Sulfate

R.T.: 6.173 min  
Delta R.T.: 0.002 min  
Response: 98108  
Conc: 0.09 ng/ml



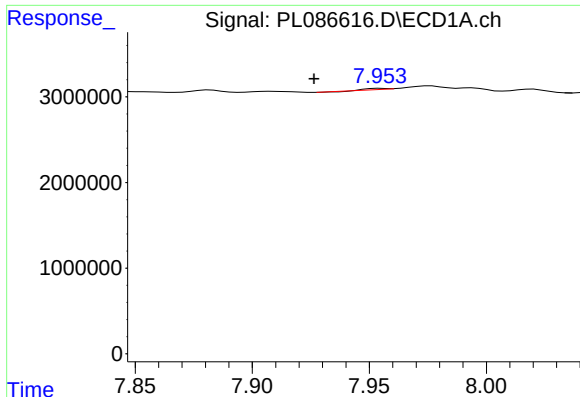
#21 Endrin ketone

R.T.: 7.446 min  
Delta R.T.: -0.009 min  
Response: 319376  
Conc: 0.09 ng/ml



#21 Endrin ketone

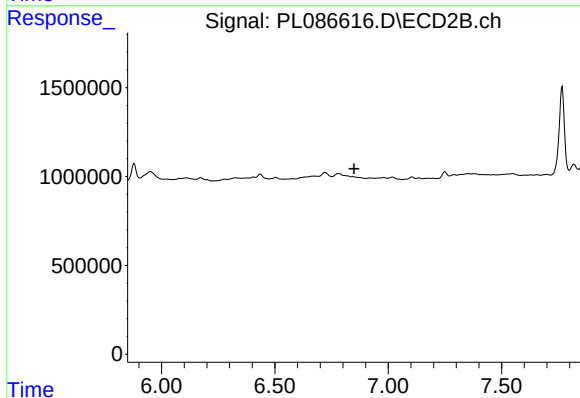
R.T.: 6.677 min  
Delta R.T.: 0.005 min  
Response: 55288  
Conc: 0.04 ng/ml



#22 Mirex

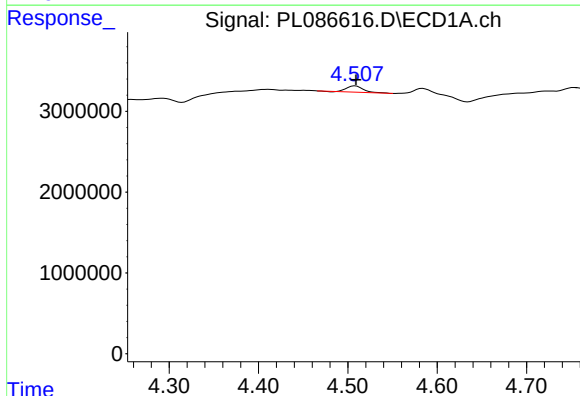
R.T.: 7.955 min  
Delta R.T.: 0.029 min  
Response: 51239  
Conc: 0.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



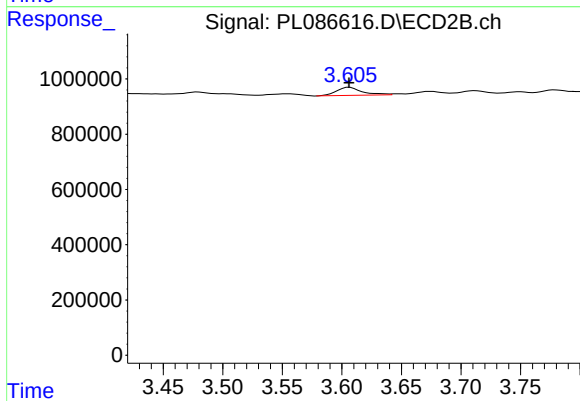
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 6.849 min  
Response: 0  
Conc: N.D.



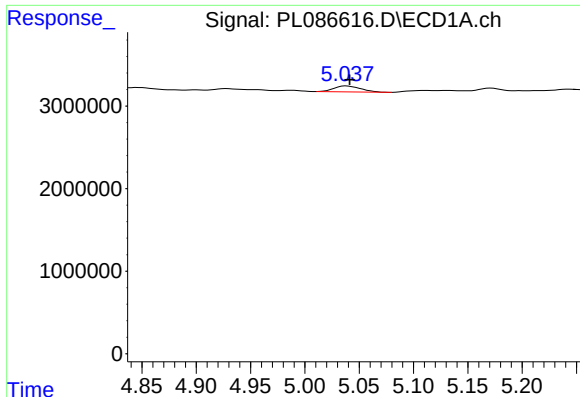
#23 Chlordane-1

R.T.: 4.509 min  
Delta R.T.: 0.000 min  
Response: 982175  
Conc: 7.02 ng/ml



#23 Chlordane-1

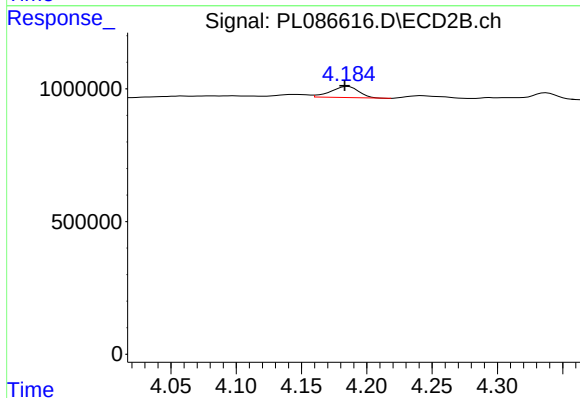
R.T.: 3.606 min  
Delta R.T.: 0.000 min  
Response: 439454  
Conc: 12.54 ng/ml



#24 Chlordane-2

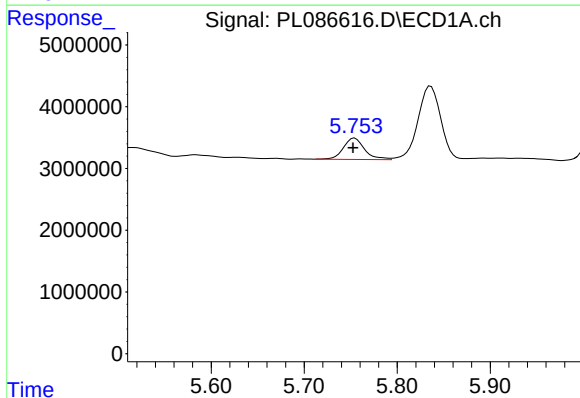
R.T.: 5.038 min  
Delta R.T.: -0.003 min  
Response: 1227683  
Conc: 8.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



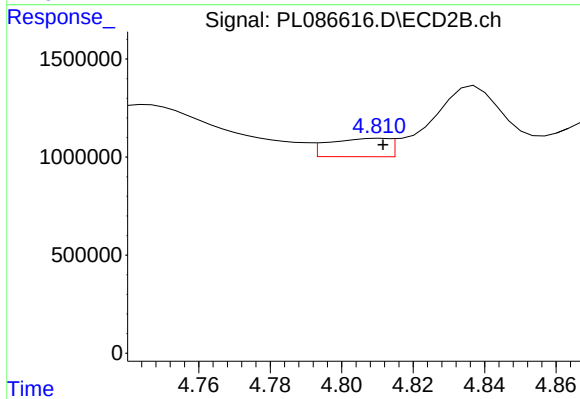
#24 Chlordane-2

R.T.: 4.186 min  
Delta R.T.: 0.002 min  
Response: 626323  
Conc: 13.87 ng/ml



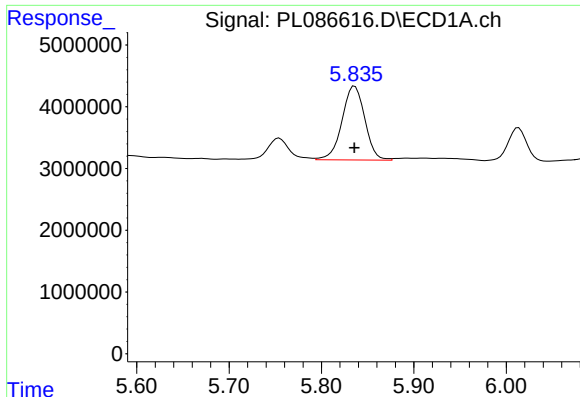
#25 Chlordane-3

R.T.: 5.754 min  
Delta R.T.: 0.001 min  
Response: 5438164  
Conc: 9.40 ng/ml



#25 Chlordane-3

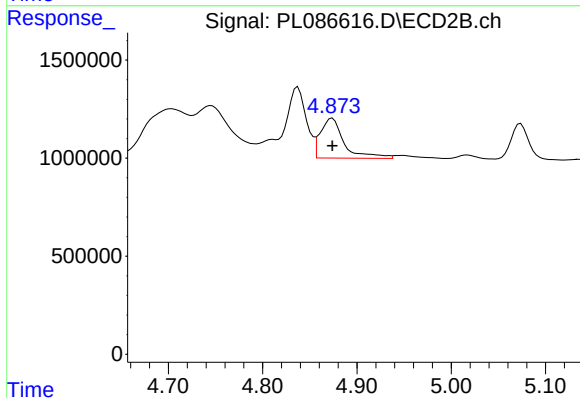
R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 1088469  
Conc: 9.23 ng/ml



#26 Chlordane-4

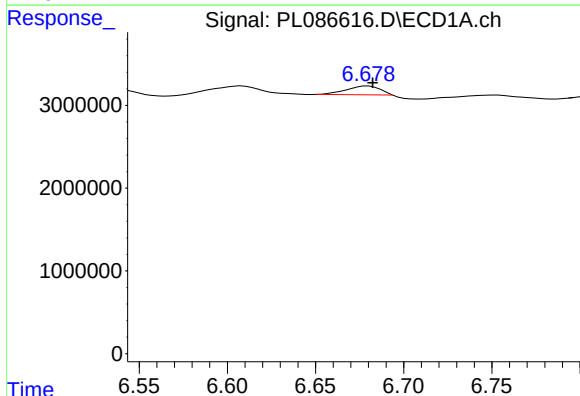
R.T.: 5.836 min  
Delta R.T.: 0.000 min  
Response: 20488294  
Conc: 28.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



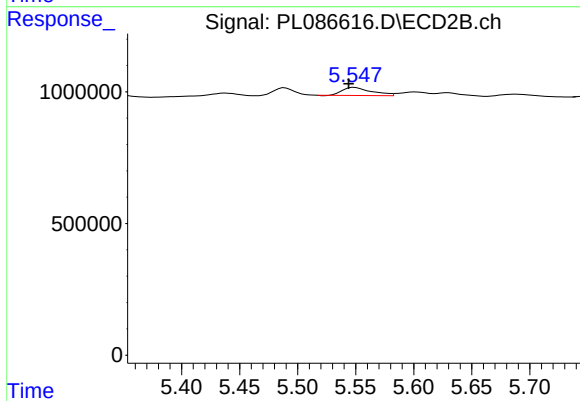
#26 Chlordane-4

R.T.: 4.874 min  
Delta R.T.: 0.000 min  
Response: 3548631  
Conc: 27.79 ng/ml



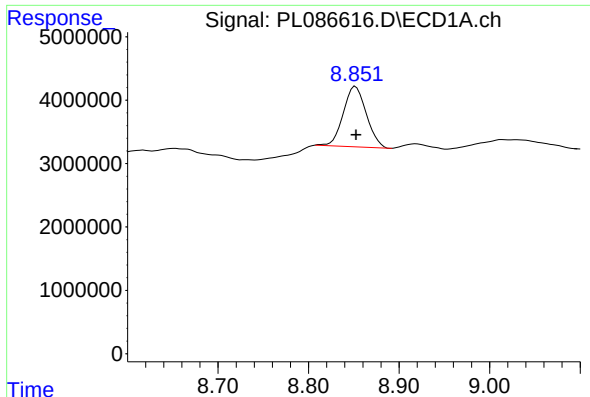
#27 Chlordane-5

R.T.: 6.680 min  
Delta R.T.: -0.003 min  
Response: 1414848  
Conc: 10.87 ng/ml



#27 Chlordane-5

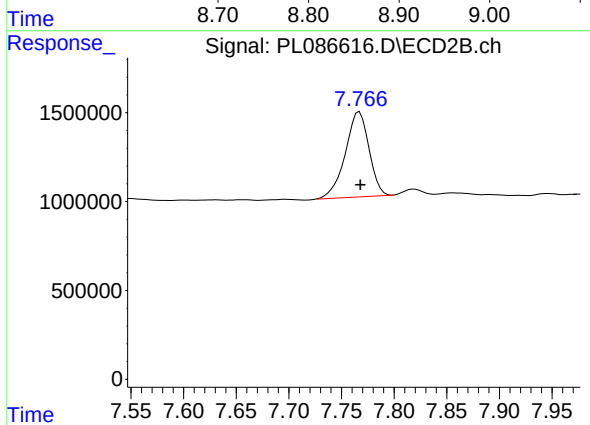
R.T.: 5.549 min  
Delta R.T.: 0.005 min  
Response: 530291  
Conc: 14.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.852 min  
Delta R.T.: 0.000 min  
Response: 16888518  
Conc: 5.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.767 min  
Delta R.T.: 0.000 min  
Response: 7515977  
Conc: 6.22 ng/ml