

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062518\  
 Data File : PL037386.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jun 2018 22:00  
 Operator : UA\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 26 04:24:21 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.336 | 3.937 | 392.7E6 | 144.1E6  | 49.639   | 52.067     |
| 28)                         | SA Decachlor... | 8.015 | 8.948 | 326.1E6 | 105.3E6  | 54.038   | 53.078     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.766 | 4.315 | 617.2E6 | 207.2E6  | 50.417   | 53.391     |
| 3)                          | MA gamma-BHC... | 4.043 | 4.595 | 551.0E6 | 181.2E6  | 53.420   | 52.474     |
| 4)                          | MA Heptachlor   | 4.328 | 5.106 | 519.3E6 | 175.7E6  | 50.689   | 50.841     |
| 5)                          | MB Aldrin       | 4.568 | 5.409 | 527.9E6 | 162.5E6  | 51.860   | 51.809     |
| 6)                          | B beta-BHC      | 4.297 | 4.756 | 239.8E6 | 81624062 | 52.569   | 50.614     |
| 7)                          | B delta-BHC     | 4.492 | 4.971 | 546.9E6 | 172.4E6  | 51.697   | 61.145     |
| 8)                          | B Heptachlo...  | 5.007 | 5.788 | 481.9E6 | 150.4E6  | 51.447   | 52.762     |
| 9)                          | A Endosulfan I  | 5.338 | 6.141 | 430.7E6 | 130.4E6  | 50.911   | 50.844     |
| 10)                         | B gamma-Chl...  | 5.229 | 6.021 | 482.5E6 | 149.3E6  | 51.512   | 52.999     |
| 11)                         | B alpha-Chl...  | 5.286 | 6.095 | 463.5E6 | 146.6E6  | 51.037   | 50.919     |
| 12)                         | B 4,4'-DDE      | 5.455 | 6.250 | 456.5E6 | 129.0E6  | 51.688   | 50.709     |
| 13)                         | MA Dieldrin     | 5.578 | 6.395 | 457.8E6 | 136.5E6  | 51.715   | 51.155     |
| 14)                         | MA Endrin       | 5.831 | 6.610 | 384.0E6 | 110.1E6  | 48.747   | 47.877     |
| 15)                         | B Endosulfa...  | 6.106 | 6.812 | 378.1E6 | 117.6E6  | 51.412   | 47.430     |
| 16)                         | A 4,4'-DDD      | 5.966 | 6.732 | 359.9E6 | 106.3E6  | 54.808   | 51.799     |
| 17)                         | MA 4,4'-DDT     | 6.201 | 7.031 | 300.7E6 | 93412286 | 46.569   | 44.100     |
| 18)                         | B Endrin al...  | 6.274 | 6.935 | 289.6E6 | 97658349 | 51.853   | 48.532     |
| 19)                         | B Endosulfa...  | 6.485 | 7.157 | 336.9E6 | 107.2E6  | 50.355   | 49.232     |
| 20)                         | A Methoxychlor  | 6.750 | 7.486 | 151.2E6 | 53737200 | 44.469   | 48.008     |
| 21)                         | B Endrin ke...  | 6.969 | 7.621 | 364.6E6 | 114.9E6  | 51.275   | 56.601     |
| 23)                         | Chlordane-1     | 0.000 | 4.971 | 0       | 172.4E6  | N.D.     | 1435.112 # |
| 24)                         | Chlordane-2     | 0.000 | 5.409 | 0       | 162.5E6  | N.D.     | 1284.353 # |
| 25)                         | Chlordane-3     | 5.229 | 6.021 | 482.5E6 | 149.3E6  | 453.917  | 381.671    |
| 26)                         | Chlordane-4     | 5.286 | 6.095 | 463.5E6 | 146.6E6  | 481.042  | 305.844 #  |
| 27)                         | Chlordane-5     | 5.831 | 6.935 | 384.0E6 | 97658349 | 2934.300 | 1085.297 # |
| -----                       |                 |       |       |         |          |          |            |

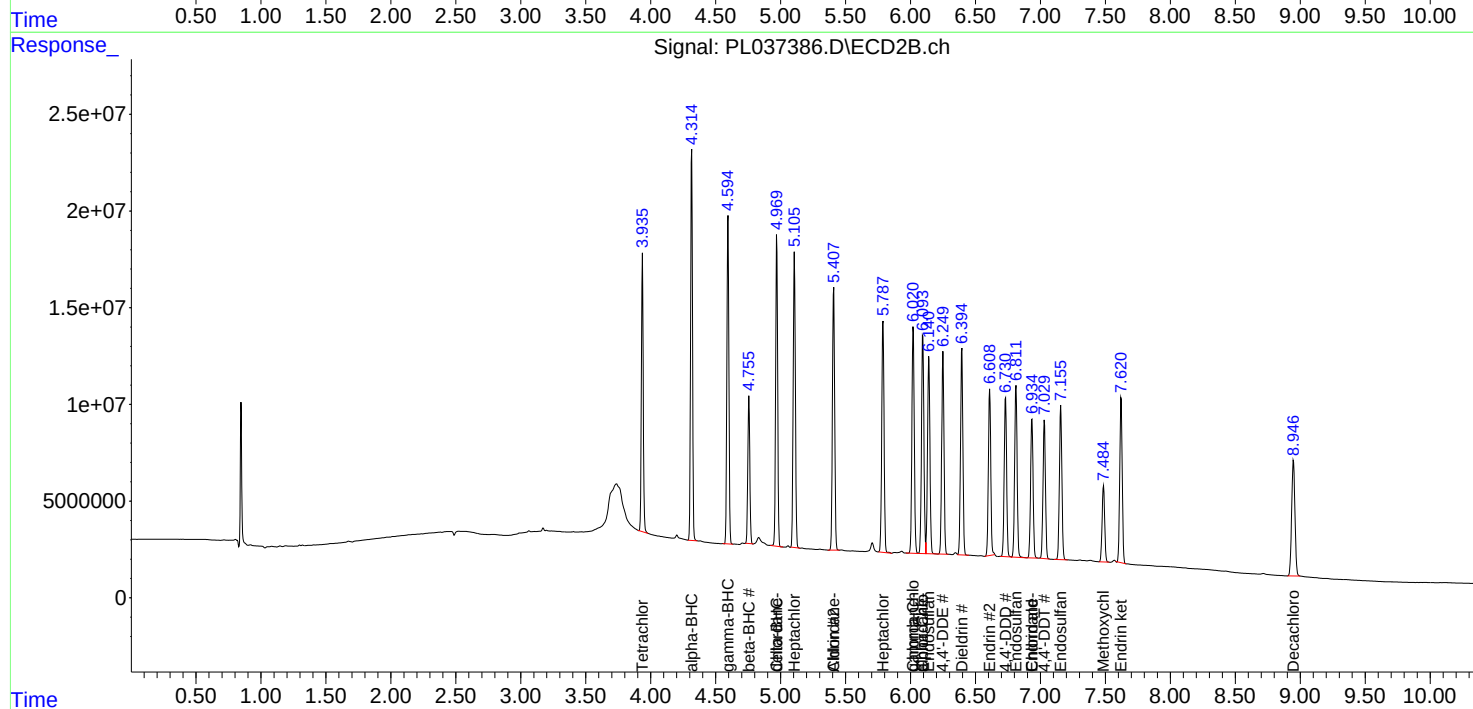
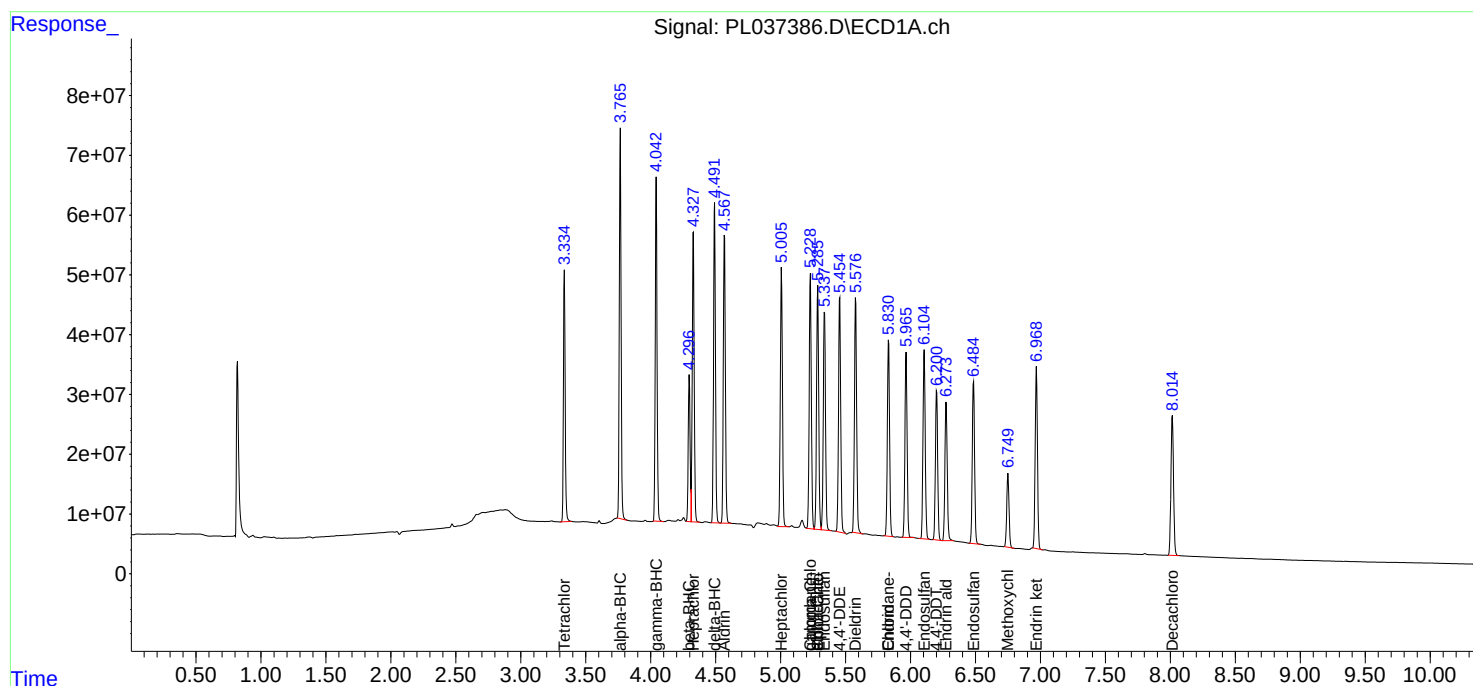
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

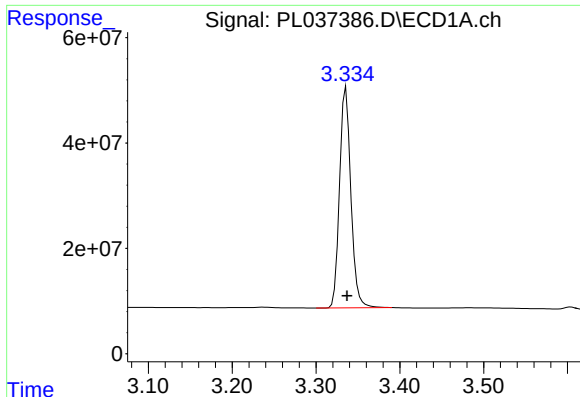
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062518\  
Data File : PL037386.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2018 22:00  
Operator : UA\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 04:24:21 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

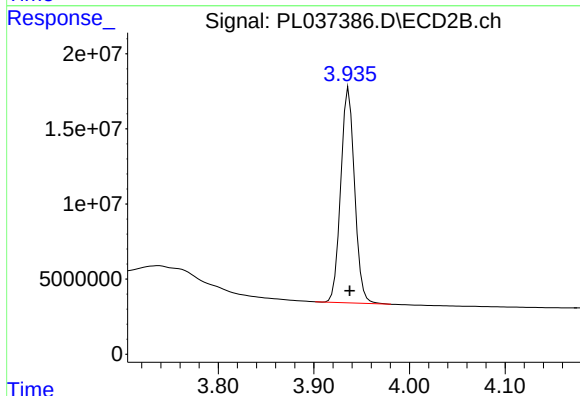




#1 Tetrachloro-m-xylene

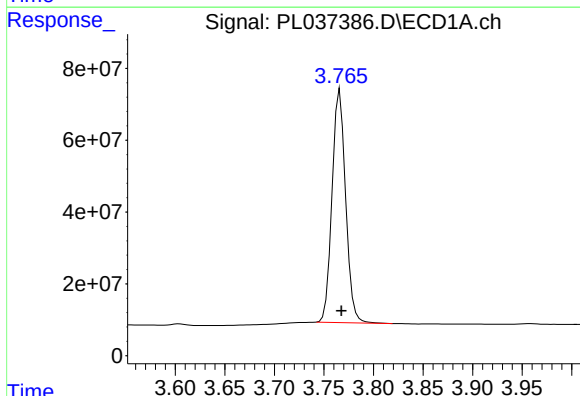
R.T.: 3.336 min  
Delta R.T.: -0.001 min  
Response: 392656982  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



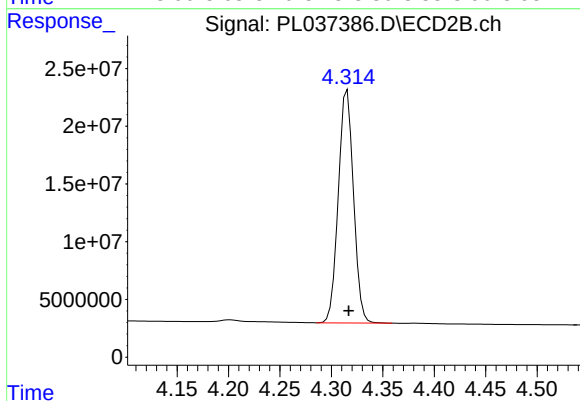
#1 Tetrachloro-m-xylene

R.T.: 3.937 min  
Delta R.T.: -0.001 min  
Response: 144054648  
Conc: 52.07 ng/ml



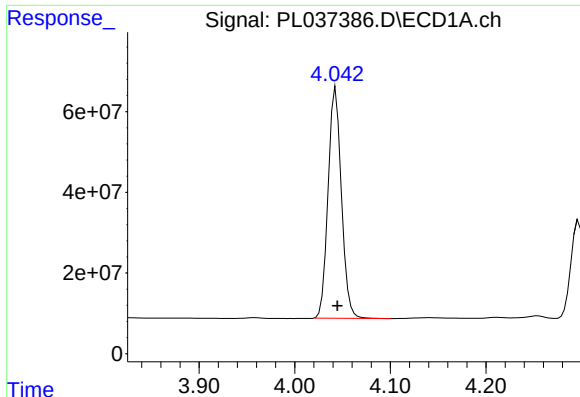
#2 alpha-BHC

R.T.: 3.766 min  
Delta R.T.: -0.001 min  
Response: 617244320  
Conc: 50.42 ng/ml



#2 alpha-BHC

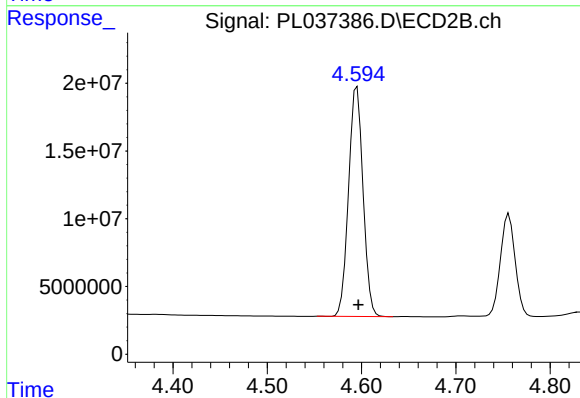
R.T.: 4.315 min  
Delta R.T.: -0.001 min  
Response: 207171307  
Conc: 53.39 ng/ml



#3 gamma-BHC (Lindane)

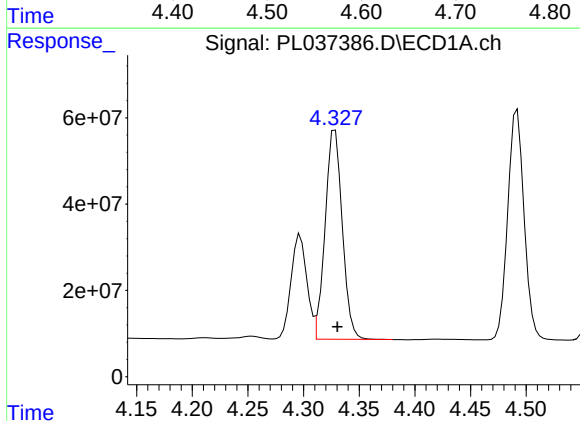
R.T.: 4.043 min  
Delta R.T.: -0.002 min  
Response: 551008880  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



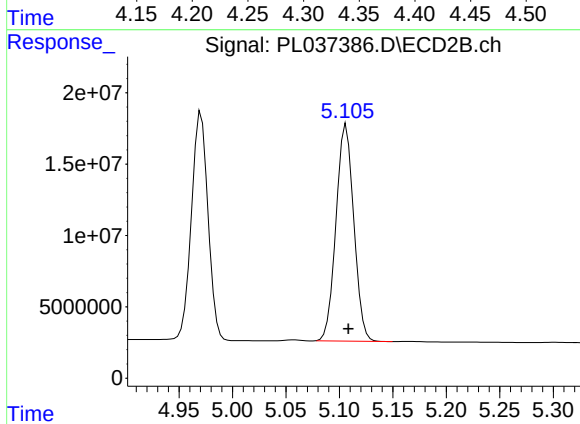
#3 gamma-BHC (Lindane)

R.T.: 4.595 min  
Delta R.T.: -0.002 min  
Response: 181229728  
Conc: 52.47 ng/ml



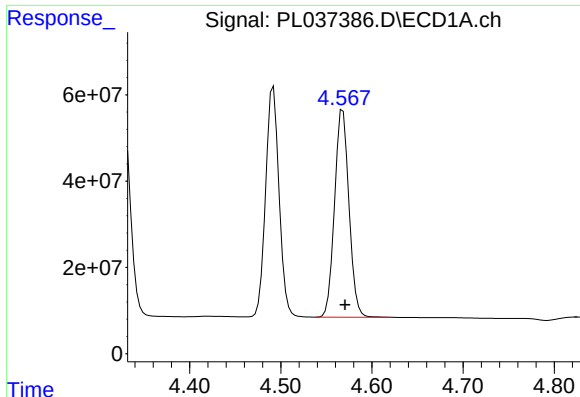
#4 Heptachlor

R.T.: 4.328 min  
Delta R.T.: -0.002 min  
Response: 519322706  
Conc: 50.69 ng/ml



#4 Heptachlor

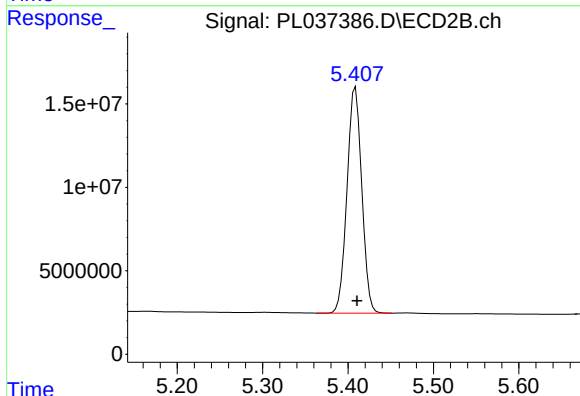
R.T.: 5.106 min  
Delta R.T.: -0.002 min  
Response: 175724699  
Conc: 50.84 ng/ml



#5 Aldrin

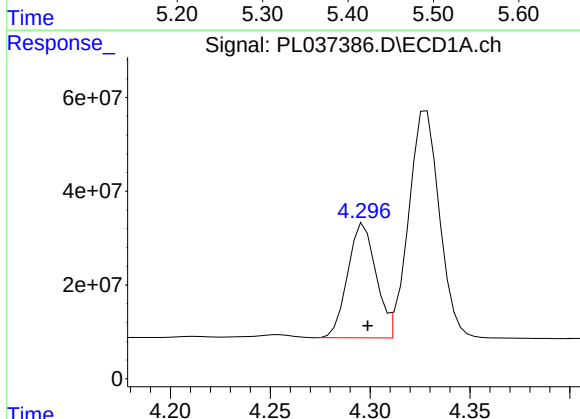
R.T.: 4.568 min  
Delta R.T.: -0.003 min  
Response: 527865918  
Conc: 51.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



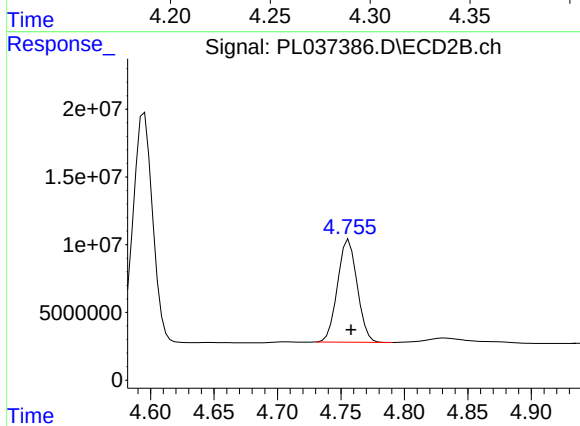
#5 Aldrin

R.T.: 5.409 min  
Delta R.T.: -0.002 min  
Response: 162535801  
Conc: 51.81 ng/ml



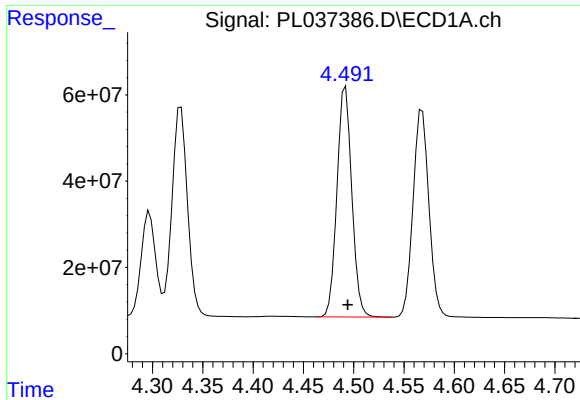
#6 beta-BHC

R.T.: 4.297 min  
Delta R.T.: -0.002 min  
Response: 239761215  
Conc: 52.57 ng/ml



#6 beta-BHC

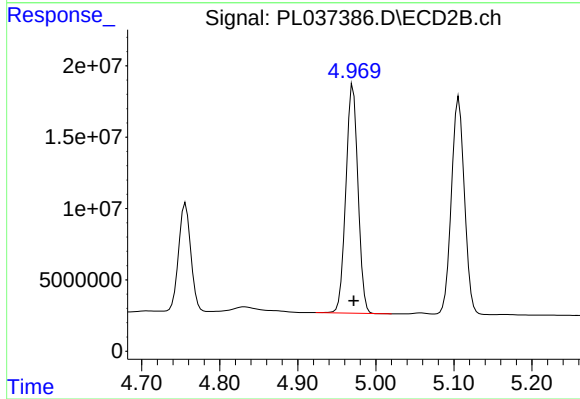
R.T.: 4.756 min  
Delta R.T.: -0.002 min  
Response: 81624062  
Conc: 50.61 ng/ml



#7 delta-BHC

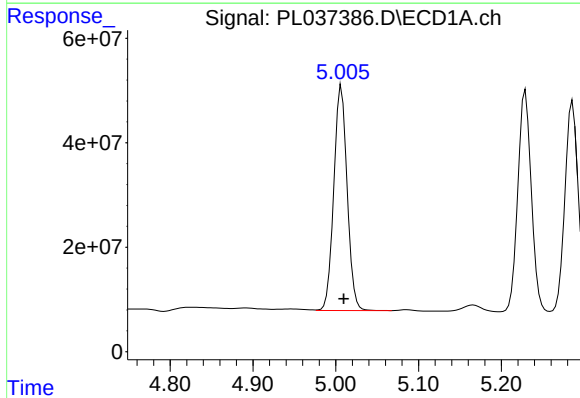
R.T.: 4.492 min  
Delta R.T.: -0.002 min  
Response: 546903566  
Conc: 51.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



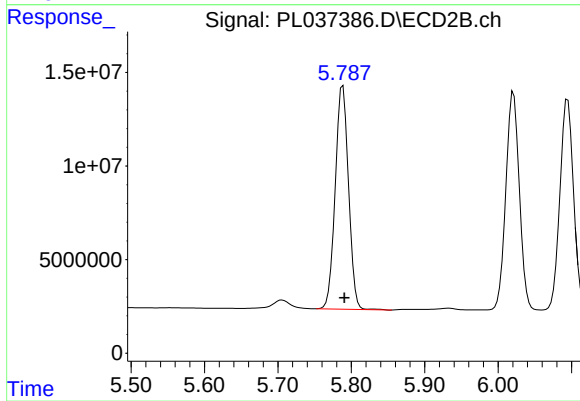
#7 delta-BHC

R.T.: 4.971 min  
Delta R.T.: -0.001 min  
Response: 172444400  
Conc: 61.14 ng/ml



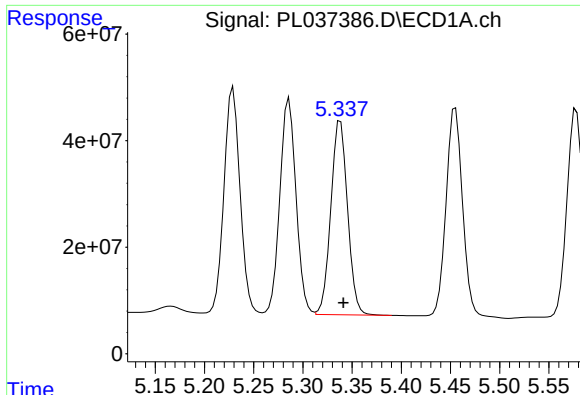
#8 Heptachlor epoxide

R.T.: 5.007 min  
Delta R.T.: -0.003 min  
Response: 481904985  
Conc: 51.45 ng/ml



#8 Heptachlor epoxide

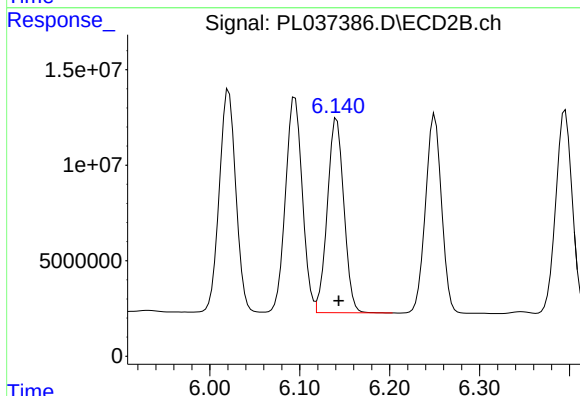
R.T.: 5.788 min  
Delta R.T.: -0.002 min  
Response: 150408123  
Conc: 52.76 ng/ml



#9 Endosulfan I

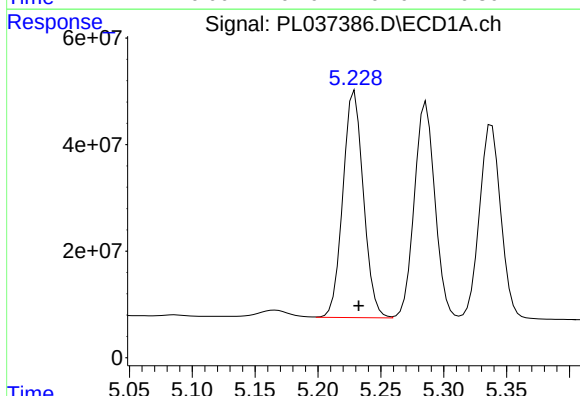
R.T.: 5.338 min  
Delta R.T.: -0.003 min  
Response: 430746587  
Conc: 50.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



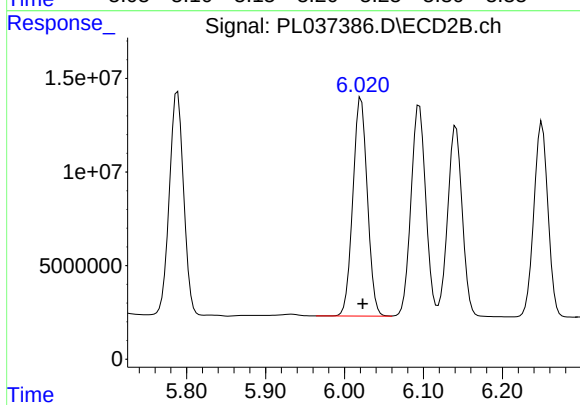
#9 Endosulfan I

R.T.: 6.141 min  
Delta R.T.: -0.002 min  
Response: 130404829  
Conc: 50.84 ng/ml



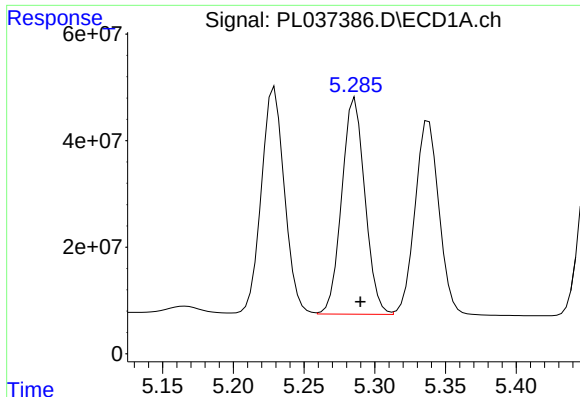
#10 gamma-Chlordane

R.T.: 5.229 min  
Delta R.T.: -0.003 min  
Response: 482477774  
Conc: 51.51 ng/ml



#10 gamma-Chlordane

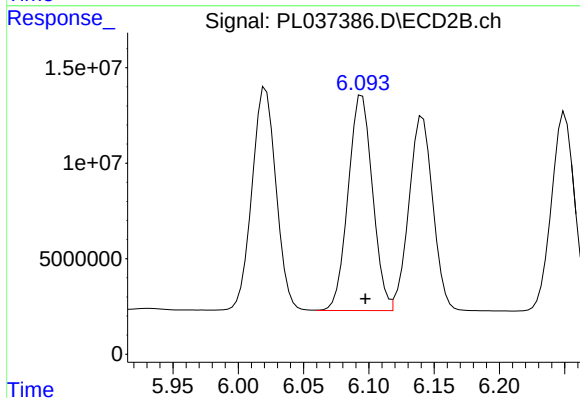
R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 149265795  
Conc: 53.00 ng/ml



#11 alpha-Chlordane

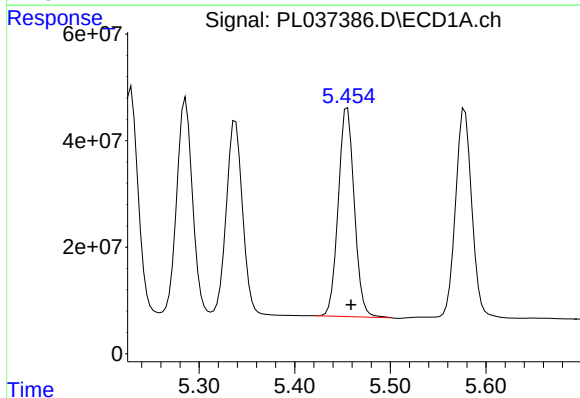
R.T.: 5.286 min  
Delta R.T.: -0.004 min  
Response: 463487123  
Conc: 51.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



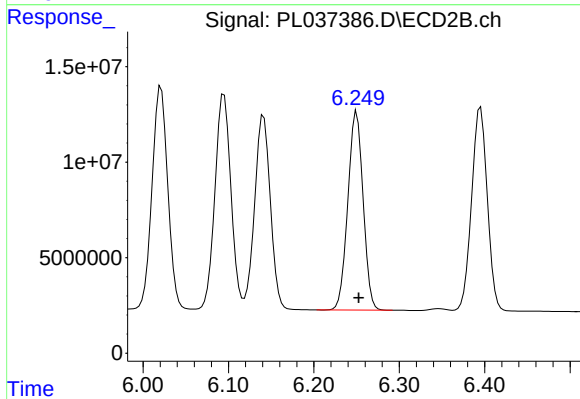
#11 alpha-Chlordane

R.T.: 6.095 min  
Delta R.T.: -0.002 min  
Response: 146557974  
Conc: 50.92 ng/ml



#12 4,4'-DDE

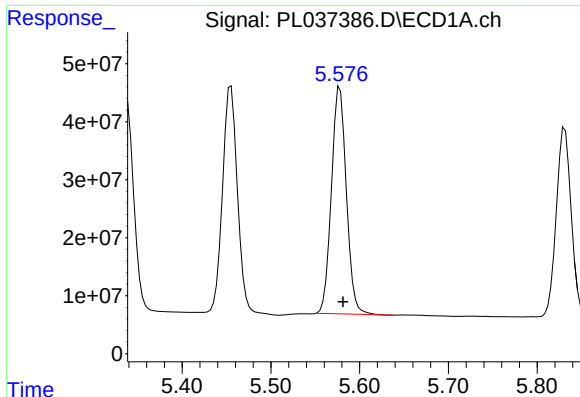
R.T.: 5.455 min  
Delta R.T.: -0.004 min  
Response: 456533322  
Conc: 51.69 ng/ml



#12 4,4'-DDE

R.T.: 6.250 min  
Delta R.T.: -0.002 min  
Response: 129037104  
Conc: 50.71 ng/ml

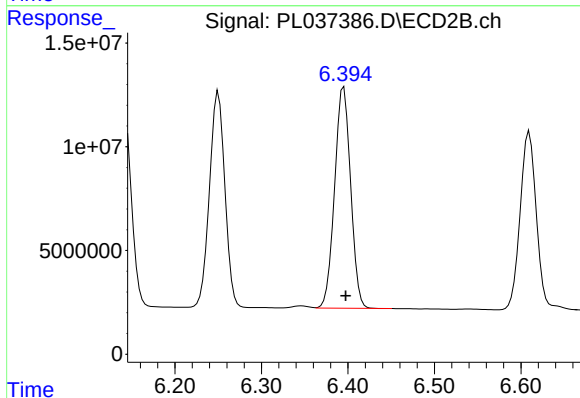




#13 Dieldrin

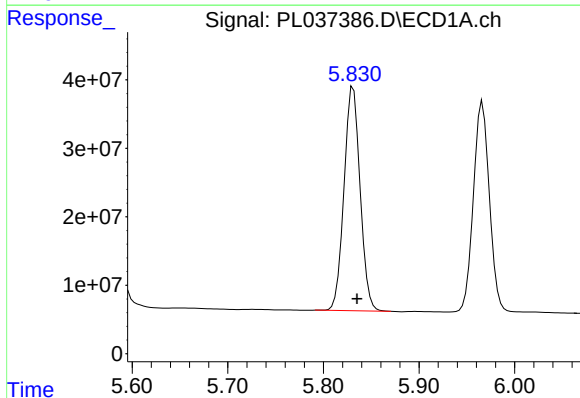
R.T.: 5.578 min  
Delta R.T.: -0.004 min  
Response: 457843312  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



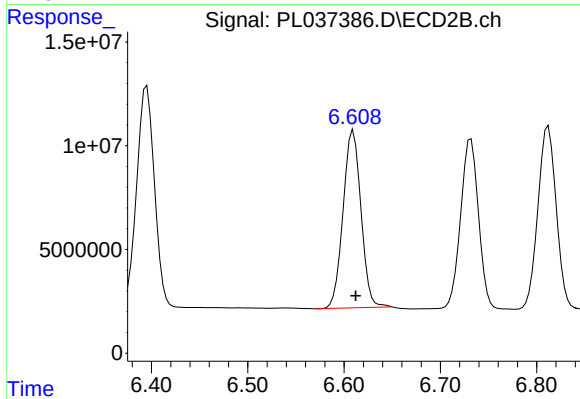
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: -0.002 min  
Response: 136544110  
Conc: 51.15 ng/ml



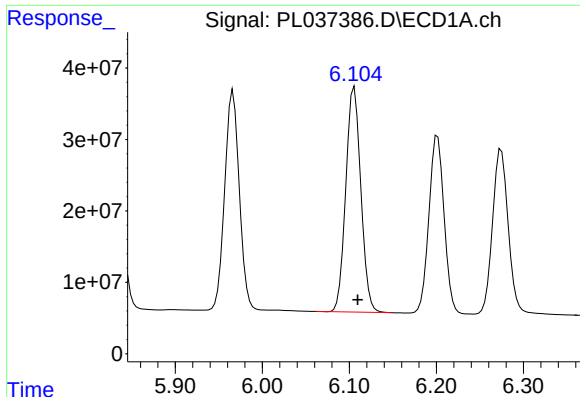
#14 Endrin

R.T.: 5.831 min  
Delta R.T.: -0.004 min  
Response: 384006592  
Conc: 48.75 ng/ml



#14 Endrin

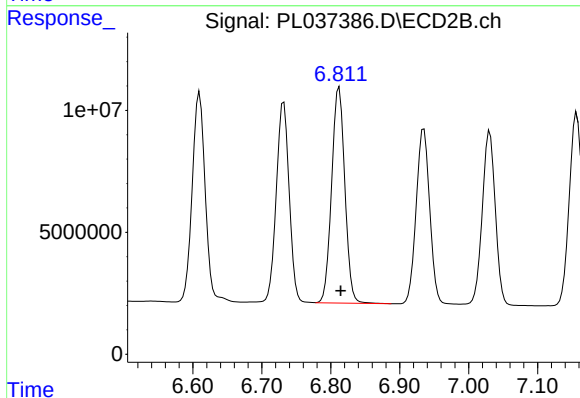
R.T.: 6.610 min  
Delta R.T.: -0.002 min  
Response: 110082211  
Conc: 47.88 ng/ml



#15 Endosulfan II

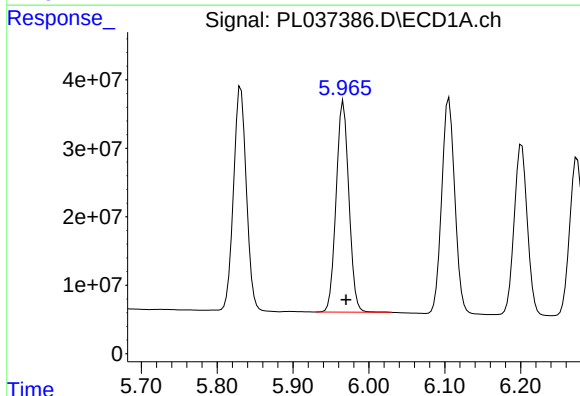
R.T.: 6.106 min  
Delta R.T.: -0.004 min  
Response: 378056794  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



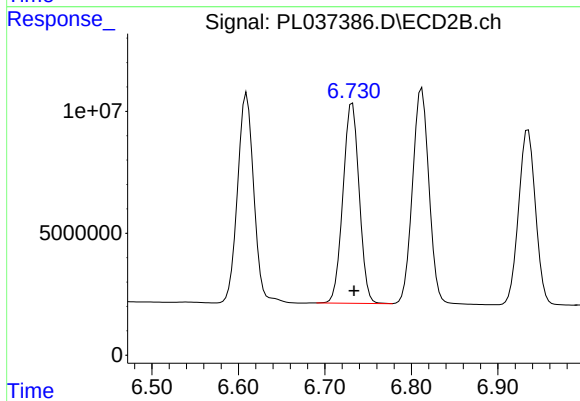
#15 Endosulfan II

R.T.: 6.812 min  
Delta R.T.: -0.002 min  
Response: 117629834  
Conc: 47.43 ng/ml



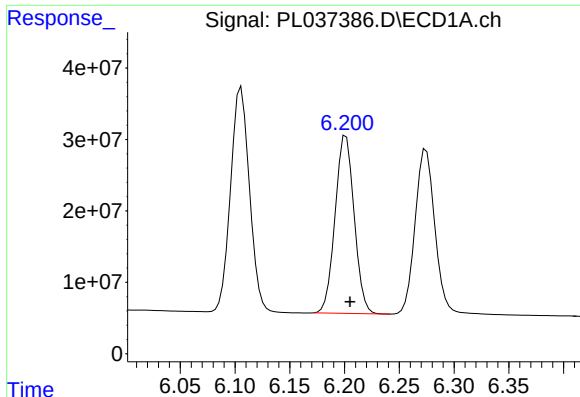
#16 4,4'-DDD

R.T.: 5.966 min  
Delta R.T.: -0.004 min  
Response: 359928874  
Conc: 54.81 ng/ml



#16 4,4'-DDD

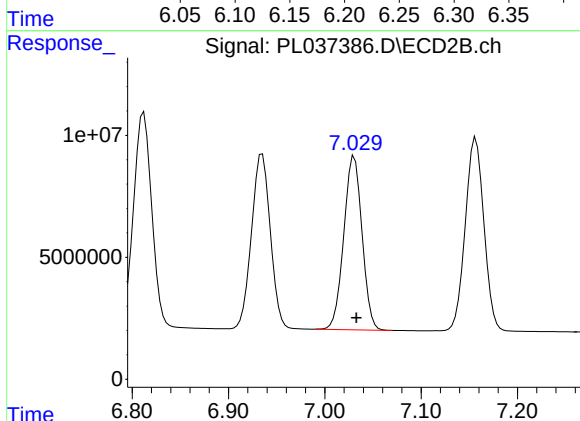
R.T.: 6.732 min  
Delta R.T.: -0.002 min  
Response: 106328160  
Conc: 51.80 ng/ml



#17 4,4'-DDT

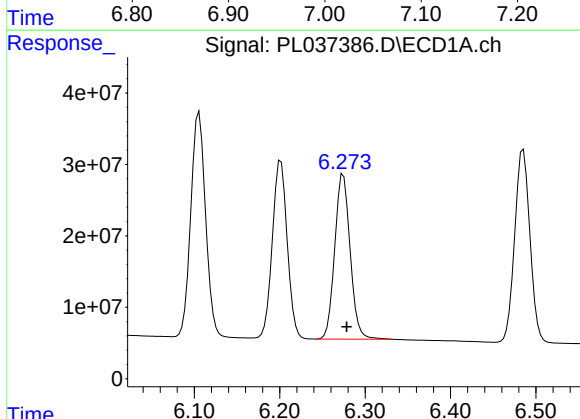
R.T.: 6.201 min  
Delta R.T.: -0.004 min  
Response: 300665375  
Conc: 46.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



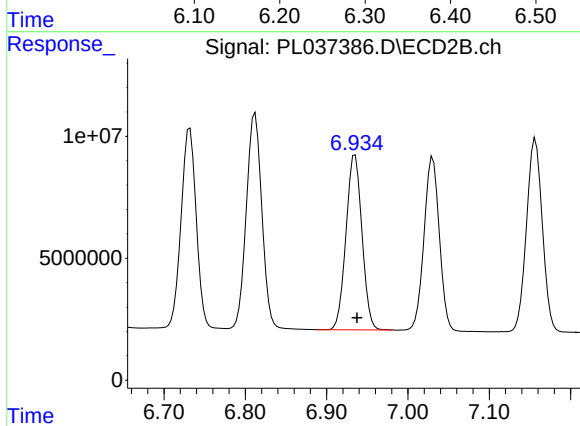
#17 4,4'-DDT

R.T.: 7.031 min  
Delta R.T.: -0.002 min  
Response: 93412286  
Conc: 44.10 ng/ml



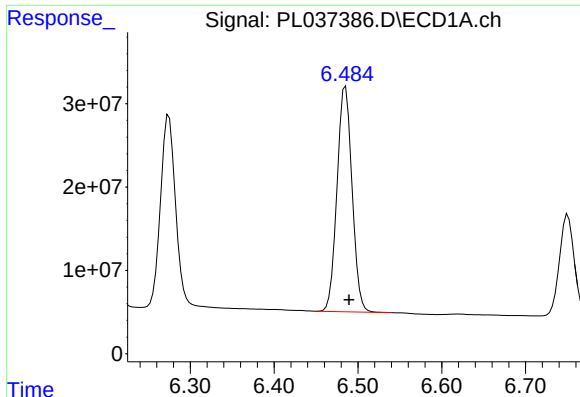
#18 Endrin aldehyde

R.T.: 6.274 min  
Delta R.T.: -0.004 min  
Response: 289572682  
Conc: 51.85 ng/ml



#18 Endrin aldehyde

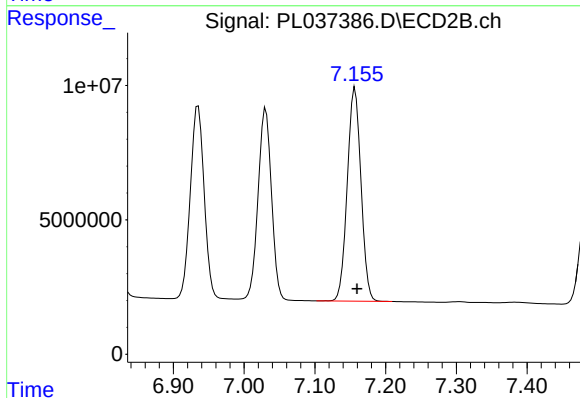
R.T.: 6.935 min  
Delta R.T.: -0.002 min  
Response: 97658349  
Conc: 48.53 ng/ml



#19 Endosulfan Sulfate

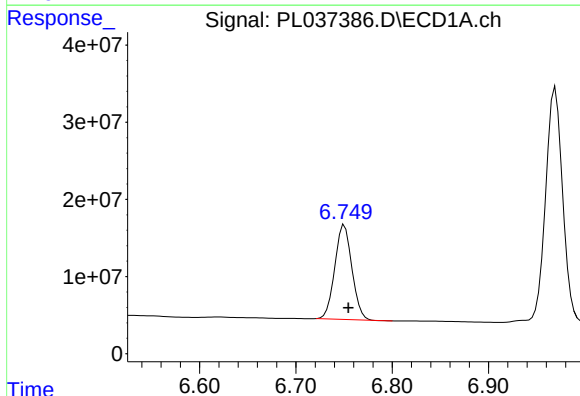
R.T.: 6.485 min  
Delta R.T.: -0.004 min  
Response: 336876290  
Conc: 50.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



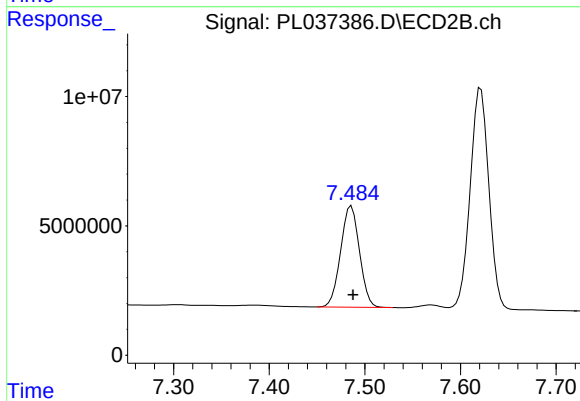
#19 Endosulfan Sulfate

R.T.: 7.157 min  
Delta R.T.: -0.003 min  
Response: 107151635  
Conc: 49.23 ng/ml



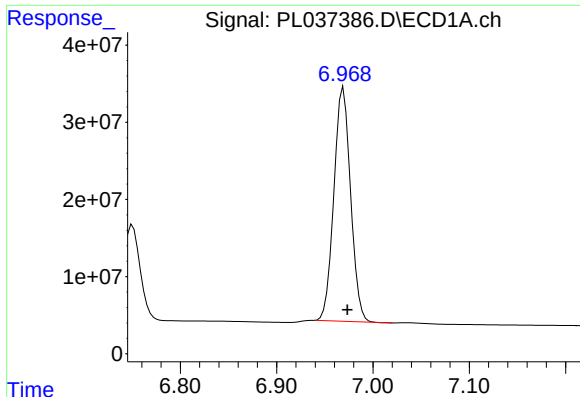
#20 Methoxychlor

R.T.: 6.750 min  
Delta R.T.: -0.004 min  
Response: 151150111  
Conc: 44.47 ng/ml



#20 Methoxychlor

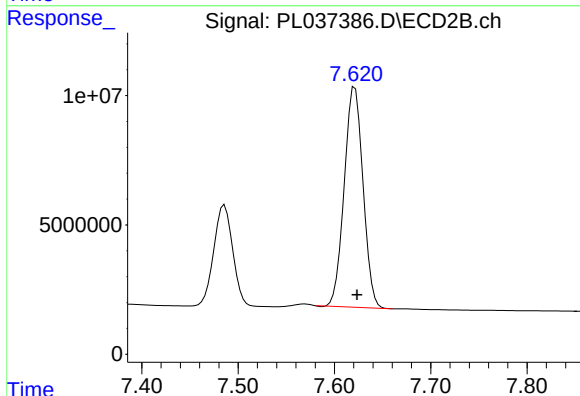
R.T.: 7.486 min  
Delta R.T.: -0.002 min  
Response: 53737200  
Conc: 48.01 ng/ml



#21 Endrin ketone

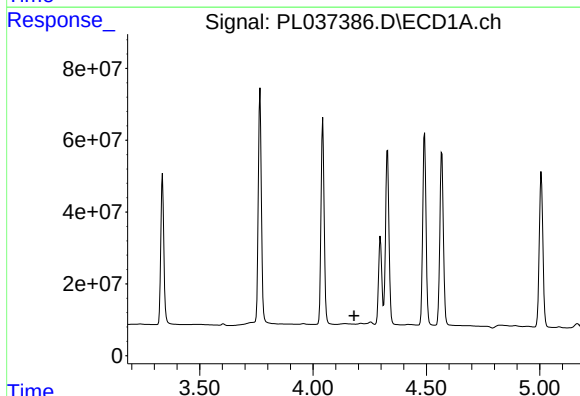
R.T.: 6.969 min  
Delta R.T.: -0.004 min  
Response: 364649972  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



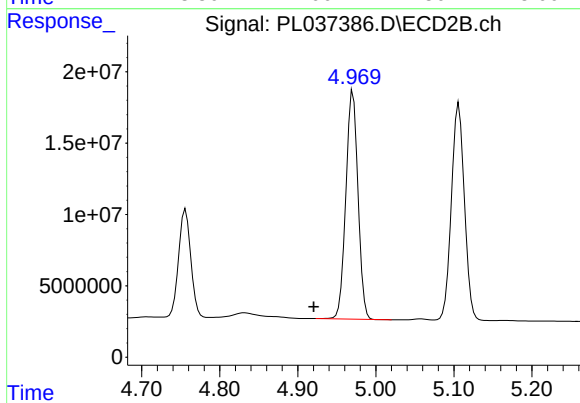
#21 Endrin ketone

R.T.: 7.621 min  
Delta R.T.: -0.002 min  
Response: 114881312  
Conc: 56.60 ng/ml



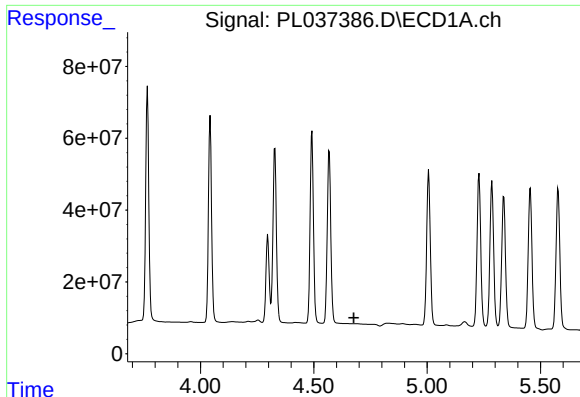
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.181 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

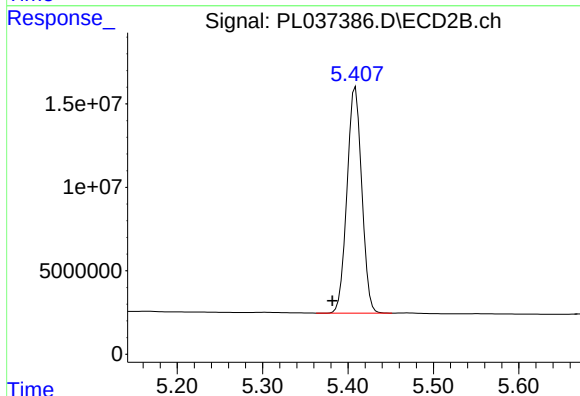
R.T.: 4.971 min  
Delta R.T.: 0.050 min  
Response: 172444400  
Conc: 1435.11 ng/ml



#24 Chlordane-2

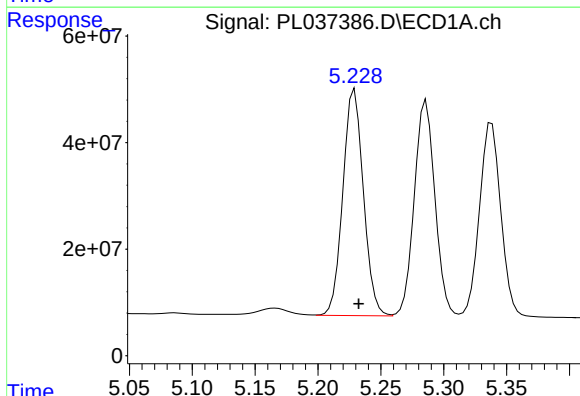
R.T.: 0.000 min  
Exp R.T.: 4.676 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



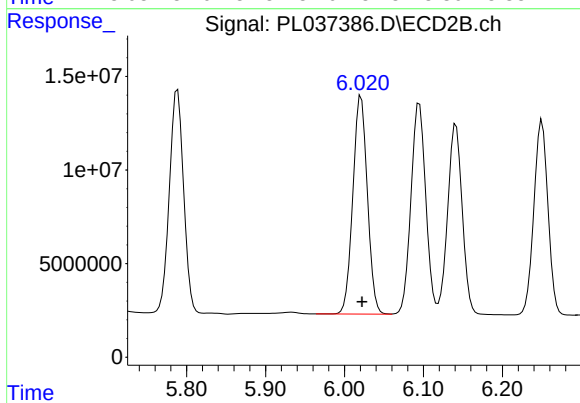
#24 Chlordane-2

R.T.: 5.409 min  
Delta R.T.: 0.027 min  
Response: 162535801  
Conc: 1284.35 ng/ml



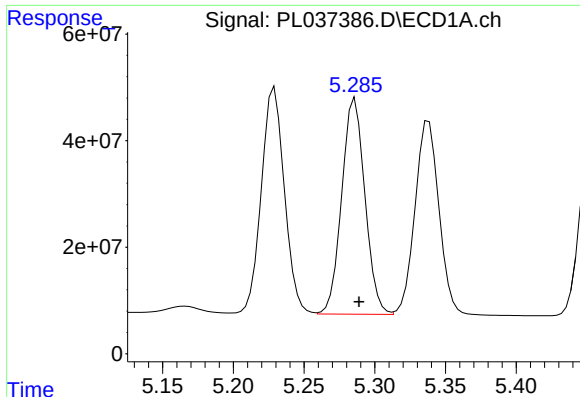
#25 Chlordane-3

R.T.: 5.229 min  
Delta R.T.: -0.003 min  
Response: 482477774  
Conc: 453.92 ng/ml



#25 Chlordane-3

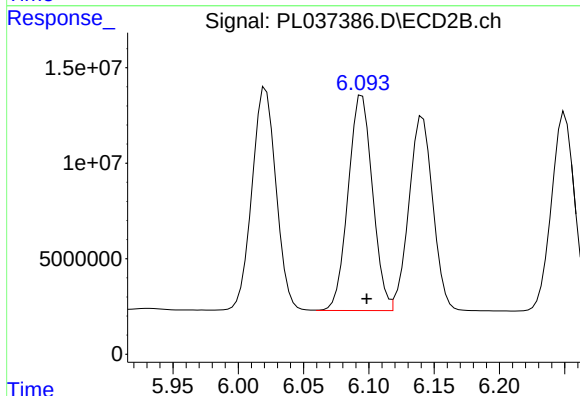
R.T.: 6.021 min  
Delta R.T.: -0.001 min  
Response: 149265795  
Conc: 381.67 ng/ml



#26 Chlordane-4

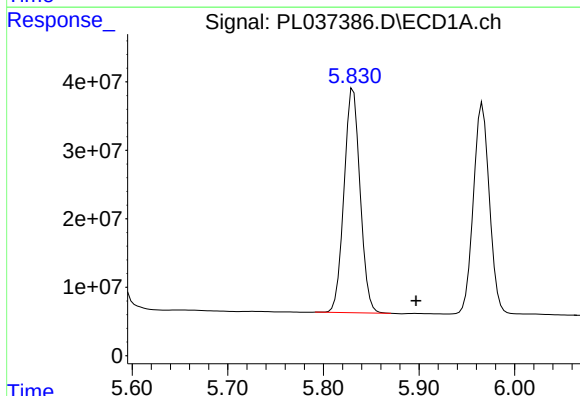
R.T.: 5.286 min  
Delta R.T.: -0.003 min  
Response: 463487123  
Conc: 481.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



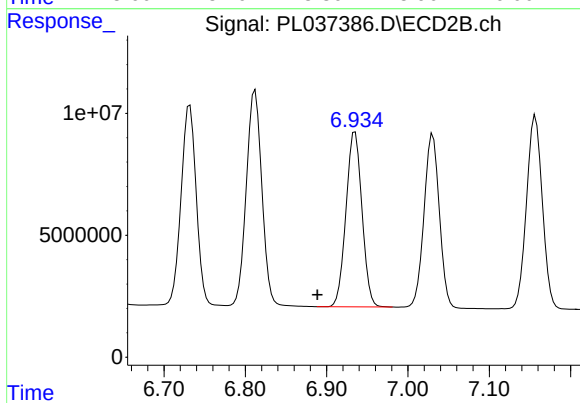
#26 Chlordane-4

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 146557974  
Conc: 305.84 ng/ml



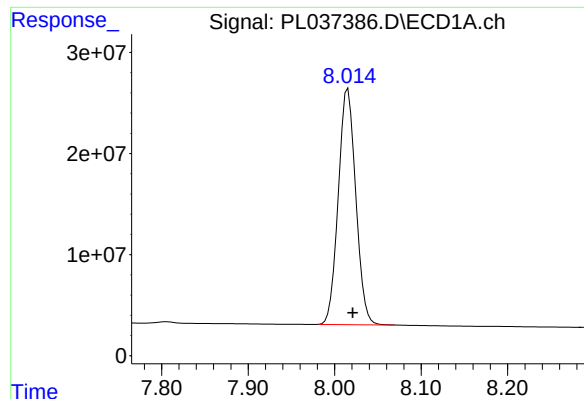
#27 Chlordane-5

R.T.: 5.831 min  
Delta R.T.: -0.066 min  
Response: 384006592  
Conc: 2934.30 ng/ml



#27 Chlordane-5

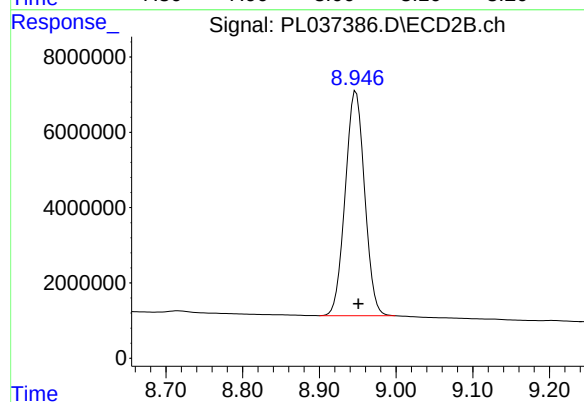
R.T.: 6.935 min  
Delta R.T.: 0.046 min  
Response: 97658349  
Conc: 1085.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.015 min  
Delta R.T.: -0.005 min  
Response: 326066115  
Conc: 54.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.948 min  
Delta R.T.: -0.003 min  
Response: 105303723  
Conc: 53.08 ng/ml