

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042021\  
 Data File : PL066351.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Apr 2021 14:01  
 Operator : AR\AJ  
 Sample : M2090-18  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 21 08:15:37 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 14 15:37:20 2021  
 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... | 3.444  | 4.153  | 32270207 | 50796407 | 12.678  | 12.628   |
| 28)                         | SA Decachlor... | 8.166  | 9.352  | 27736027 | 44738898 | 11.628  | 13.699   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.580f | 0        | 1404323  | N.D.    | 0.242 #  |
| 4)                          | MA Heptachlor   | 4.457  | 5.364  | 1436157  | 5742523  | 0.346   | 1.032 #  |
| 5)                          | MB Aldrin       | 4.702  | 5.677  | 2043243  | 4340138  | 0.522   | 0.870 #  |
| 7)                          | B delta-BHC     | 0.000  | 5.272f | 0        | 1902054  | N.D.    | 0.370 #  |
| 8)                          | B Heptachlo...  | 5.162f | 6.060  | 1335348  | 13172145 | 0.360   | 2.852 #  |
| 9)                          | A Endosulfan I  | 5.494f | 0.000  | 3165658  | 0        | 0.884   | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.386f | 6.318  | 17848299 | -9170345 | 4.820   | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.422  | 6.383  | 9431959  | 12024141 | 2.547   | 2.660    |
| 12)                         | B 4,4'-DDE      | 5.590  | 6.539  | 12276579 | 28257828 | 3.291   | 6.827 #  |
| 13)                         | MA Dieldrin     | 5.711  | 6.681f | 20857829 | 15581470 | 5.149   | 3.729 #  |
| 14)                         | MA Endrin       | 5.971  | 6.905f | 7795967  | 18047210 | 2.236   | 5.585 #  |
| 15)                         | B Endosulfa...  | 6.229  | 7.163f | 14410985 | 28370164 | 4.389   | 8.138 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 7.041  | 0        | 50395176 | N.D.    | 14.726 # |
| 17)                         | MA 4,4'-DDT     | 6.333  | 7.339  | 50574235 | 11384830 | 15.867  | 3.356 #  |
| 18)                         | B Endrin al...  | 6.428f | 7.261  | 13184620 | 5202413  | 5.114   | 1.860 #  |
| 19)                         | B Endosulfa...  | 6.620  | 0.000  | 20730493 | 0        | 6.030   | N.D. #   |
| 20)                         | A Methoxychlor  | 6.865f | 7.786  | 54639930 | 1020484  | 30.179  | 0.570 #  |
| 22)                         | Mirex           | 0.000  | 8.431  | 0        | 1465031  | N.D.    | 0.518 #  |
| 23)                         | Chlordane-1     | 4.306  | 5.173  | 6931814  | 2818352  | 60.635  | 16.392 # |
| 24)                         | Chlordane-2     | 4.802  | 5.651  | 5440983  | 3939555  | 40.905  | 22.393 # |
| 25)                         | Chlordane-3     | 5.386f | 6.318  | 17848299 | -9170345 | 49.107  | N.D. #   |
| 26)                         | Chlordane-4     | 5.422  | 6.383  | 9431959  | 12024141 | 29.894  | 15.307 # |
| 27)                         | Chlordane-5     | 6.229f | 7.212  | 14410985 | 2557942  | 102.002 | 19.085 # |
| -----                       |                 |        |        |          |          |         |          |

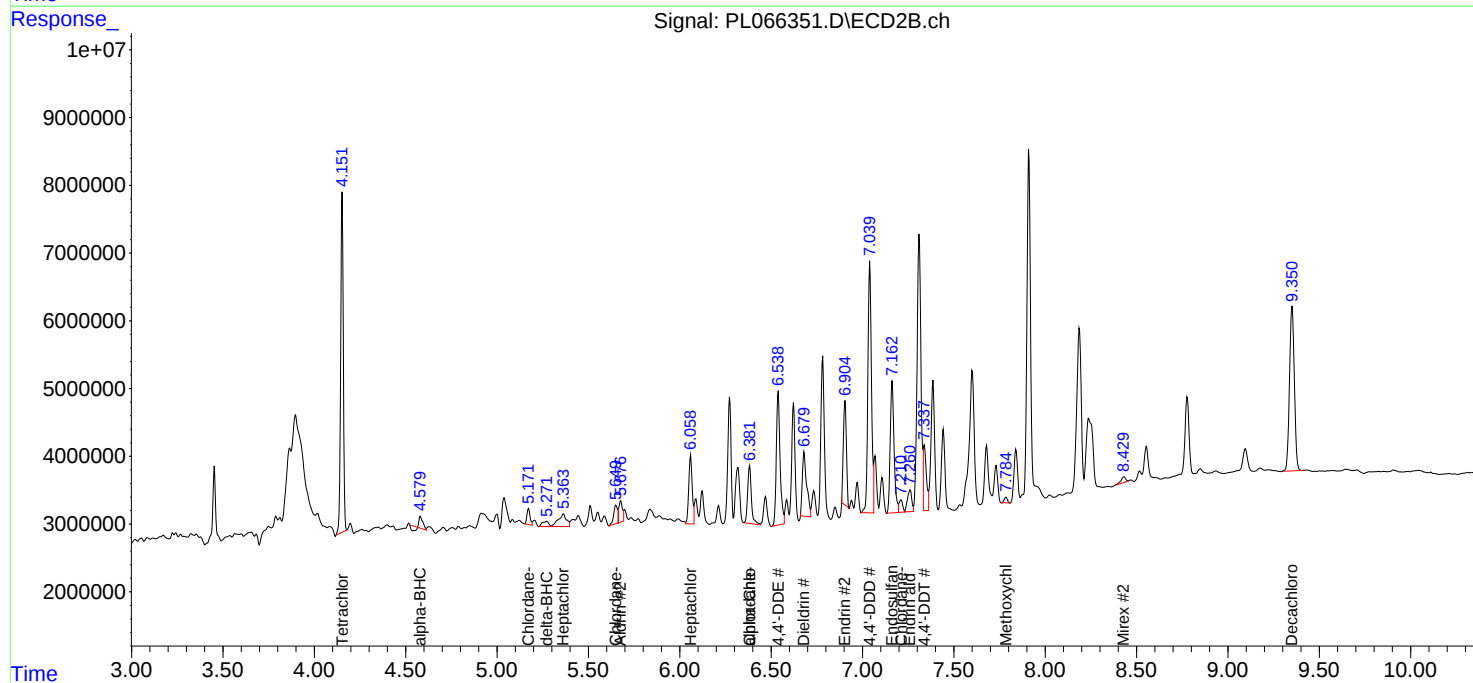
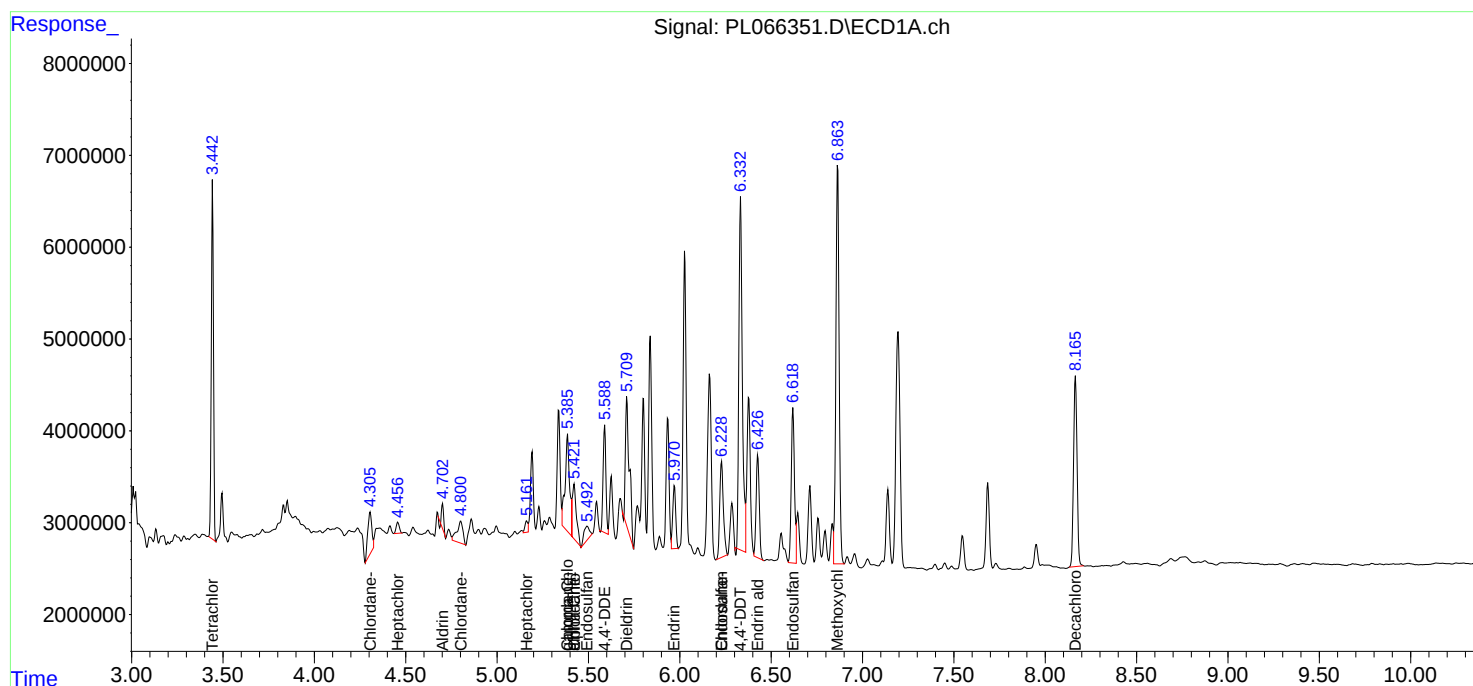
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

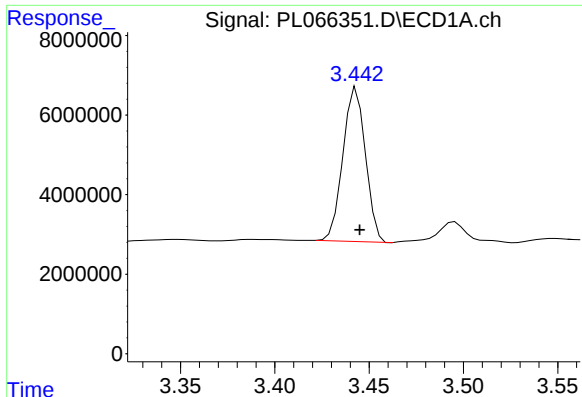
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042021\  
Data File : PL066351.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Apr 2021 14:01  
Operator : AR\AJ  
Sample : M2090-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 21 08:15:37 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 14 15:37:20 2021  
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

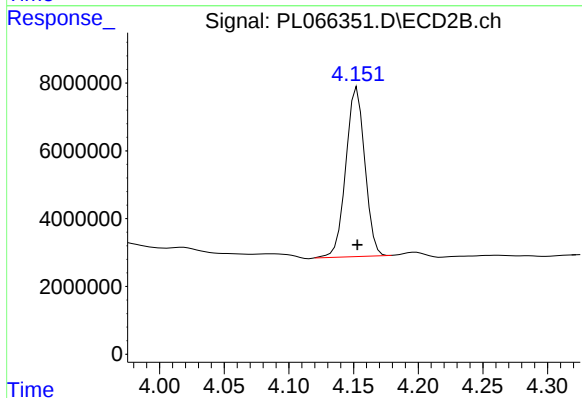




#1 Tetrachloro-m-xylene

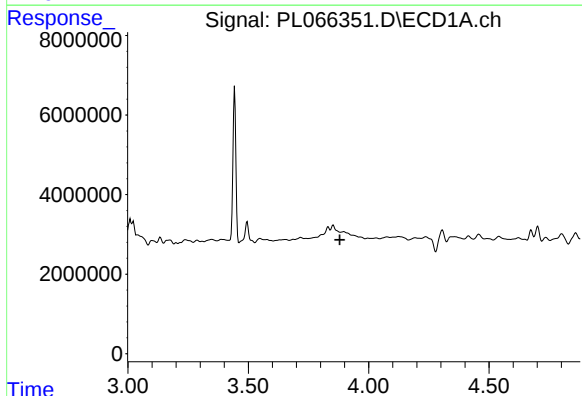
R.T.: 3.444 min  
Delta R.T.: -0.001 min  
Response: 32270207  
Conc: 12.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



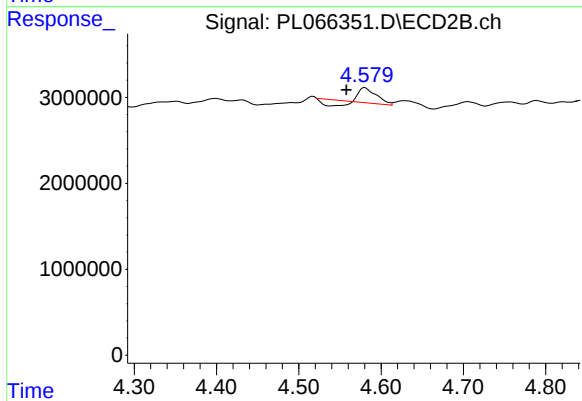
#1 Tetrachloro-m-xylene

R.T.: 4.153 min  
Delta R.T.: 0.000 min  
Response: 50796407  
Conc: 12.63 ng/ml



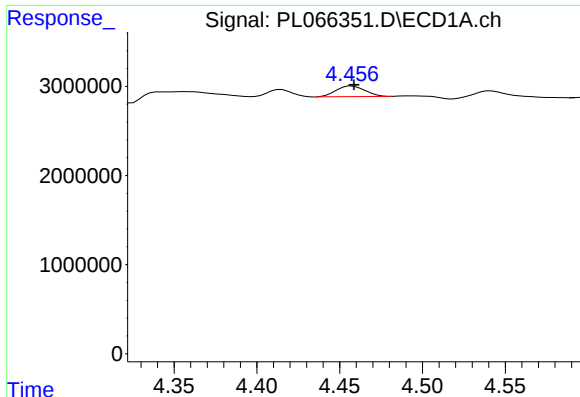
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.880 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

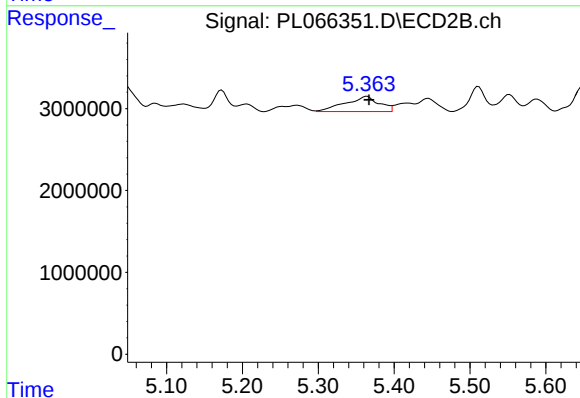
R.T.: 4.580 min  
Delta R.T.: 0.023 min  
Response: 1404323  
Conc: 0.24 ng/ml



#4 Heptachlor

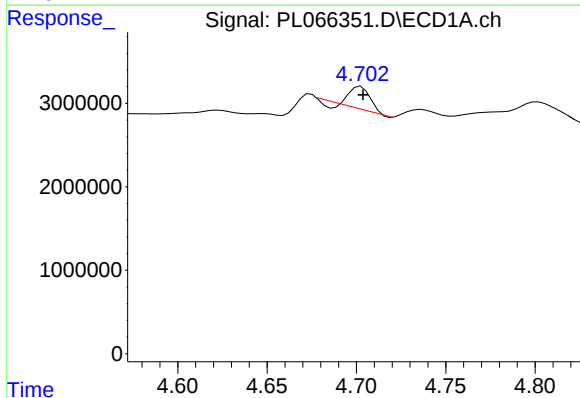
R.T.: 4.457 min  
Delta R.T.: -0.001 min  
Response: 1436157  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



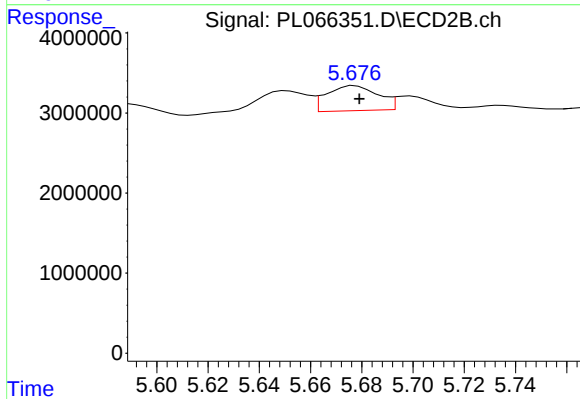
#4 Heptachlor

R.T.: 5.364 min  
Delta R.T.: -0.003 min  
Response: 5742523  
Conc: 1.03 ng/ml



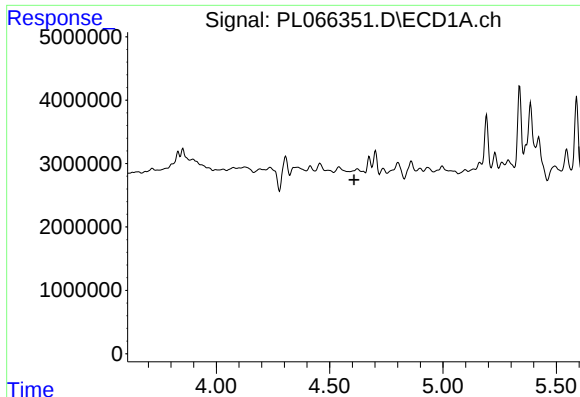
#5 Aldrin

R.T.: 4.702 min  
Delta R.T.: -0.001 min  
Response: 2043243  
Conc: 0.52 ng/ml



#5 Aldrin

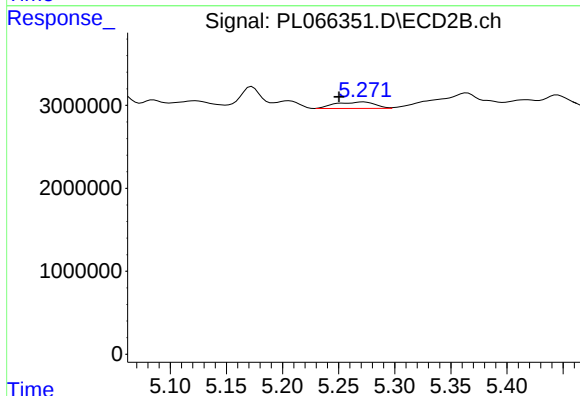
R.T.: 5.677 min  
Delta R.T.: -0.002 min  
Response: 4340138  
Conc: 0.87 ng/ml



#7 delta-BHC

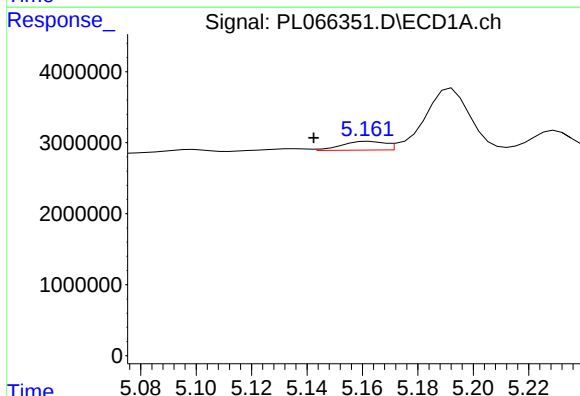
R.T.: 0.000 min  
Exp R.T.: 4.608 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



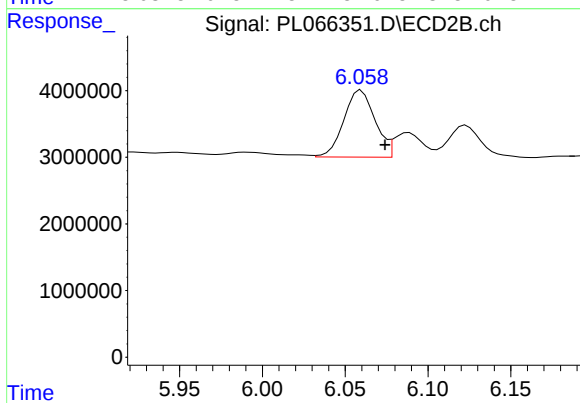
#7 delta-BHC

R.T.: 5.272 min  
Delta R.T.: 0.022 min  
Response: 1902054  
Conc: 0.37 ng/ml



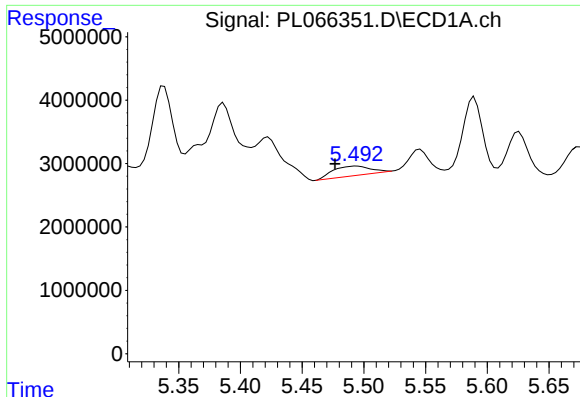
#8 Heptachlor epoxide

R.T.: 5.162 min  
Delta R.T.: 0.020 min  
Response: 1335348  
Conc: 0.36 ng/ml



#8 Heptachlor epoxide

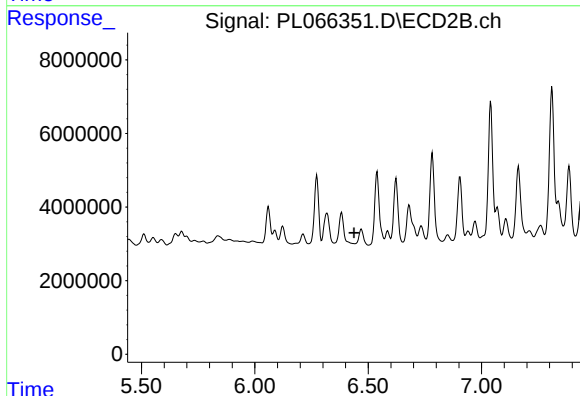
R.T.: 6.060 min  
Delta R.T.: -0.014 min  
Response: 13172145  
Conc: 2.85 ng/ml



#9 Endosulfan I

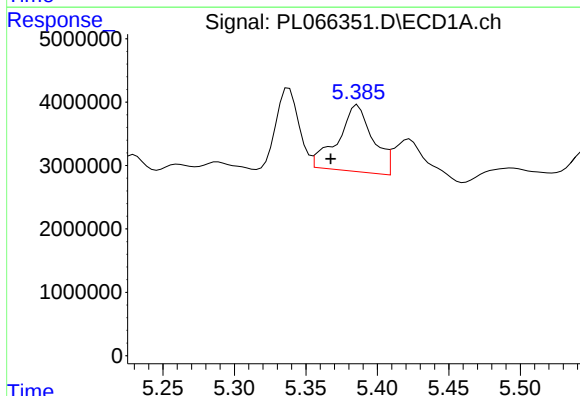
R.T.: 5.494 min  
Delta R.T.: 0.018 min  
Response: 3165658  
Conc: 0.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



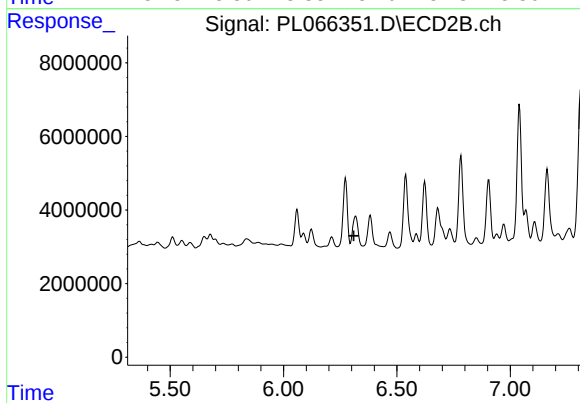
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.438 min  
Response: 0  
Conc: N.D.



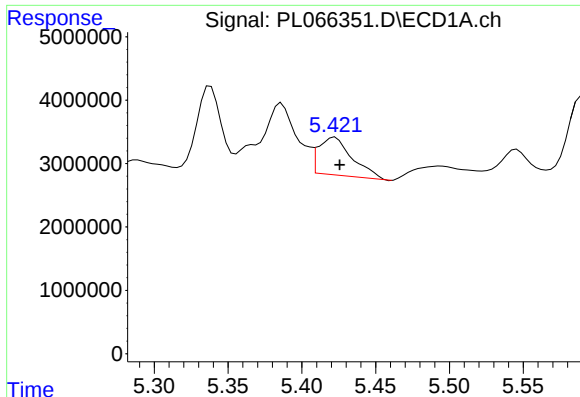
#10 gamma-Chlordane

R.T.: 5.386 min  
Delta R.T.: 0.019 min  
Response: 17848299  
Conc: 4.82 ng/ml



#10 gamma-Chlordane

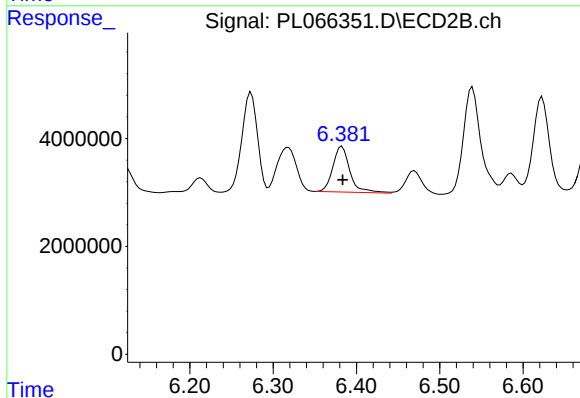
R.T.: 6.318 min  
Delta R.T.: 0.008 min  
Response: -9170345  
Conc: N.D.



#11 alpha-Chlordane

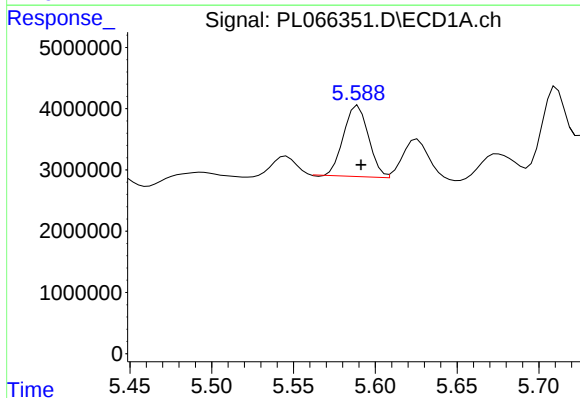
R.T.: 5.422 min  
Delta R.T.: -0.003 min  
Response: 9431959  
Conc: 2.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



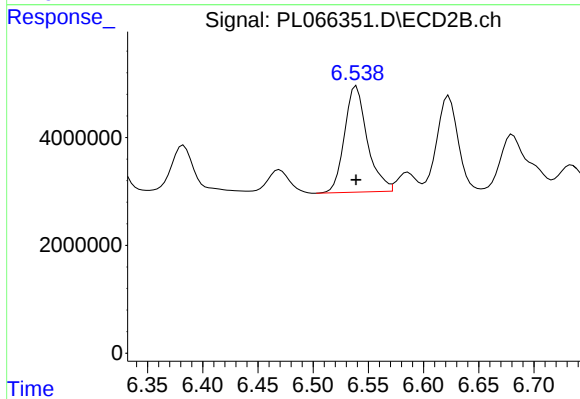
#11 alpha-Chlordane

R.T.: 6.383 min  
Delta R.T.: -0.001 min  
Response: 12024141  
Conc: 2.66 ng/ml



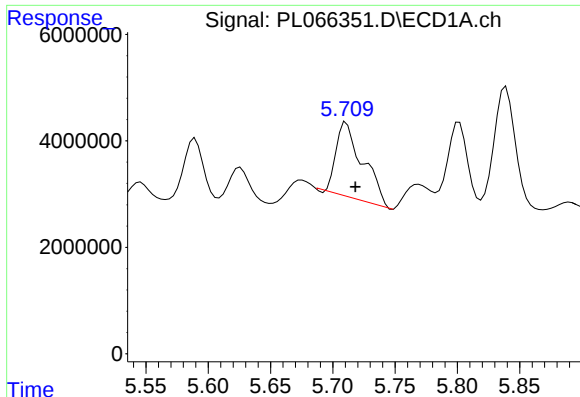
#12 4,4'-DDE

R.T.: 5.590 min  
Delta R.T.: -0.002 min  
Response: 12276579  
Conc: 3.29 ng/ml



#12 4,4'-DDE

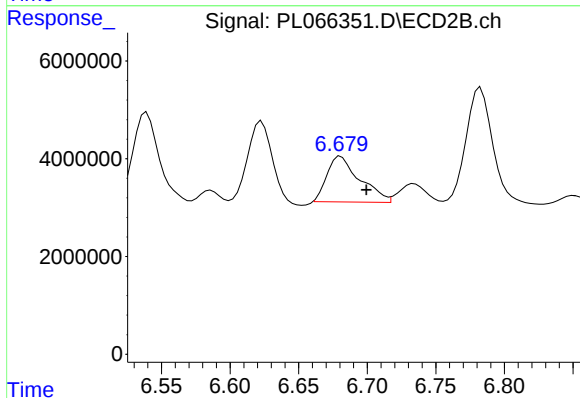
R.T.: 6.539 min  
Delta R.T.: 0.000 min  
Response: 28257828  
Conc: 6.83 ng/ml



#13 Dieldrin

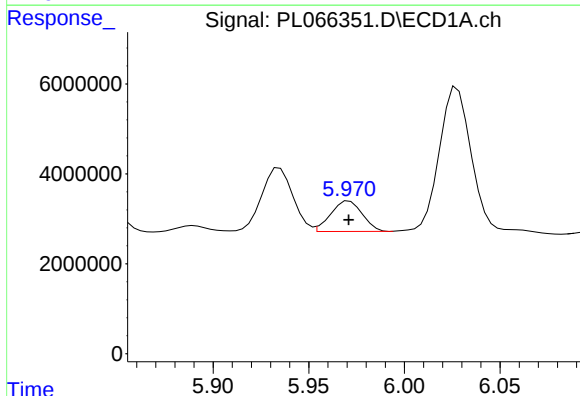
R.T.: 5.711 min  
Delta R.T.: -0.007 min  
Response: 20857829  
Conc: 5.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



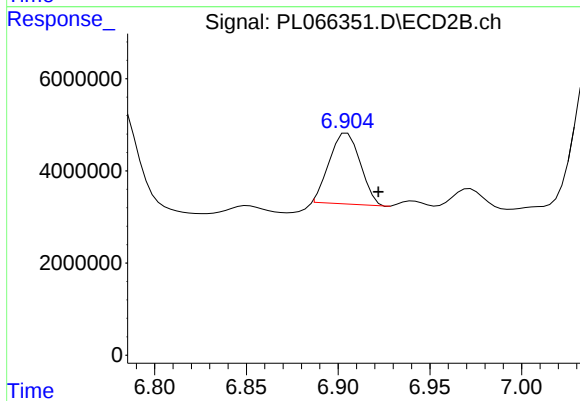
#13 Dieldrin

R.T.: 6.681 min  
Delta R.T.: -0.019 min  
Response: 15581470  
Conc: 3.73 ng/ml



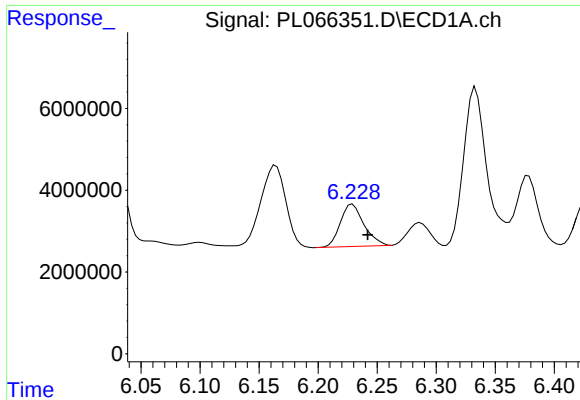
#14 Endrin

R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 7795967  
Conc: 2.24 ng/ml



#14 Endrin

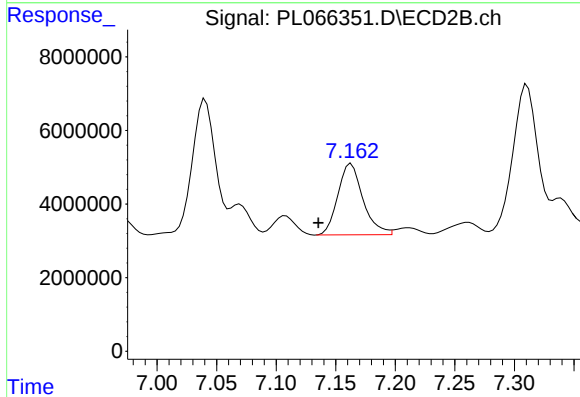
R.T.: 6.905 min  
Delta R.T.: -0.017 min  
Response: 18047210  
Conc: 5.58 ng/ml



#15 Endosulfan II

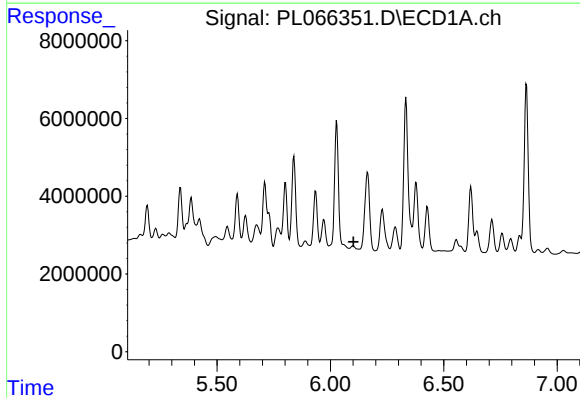
R.T.: 6.229 min  
Delta R.T.: -0.013 min  
Response: 14410985  
Conc: 4.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



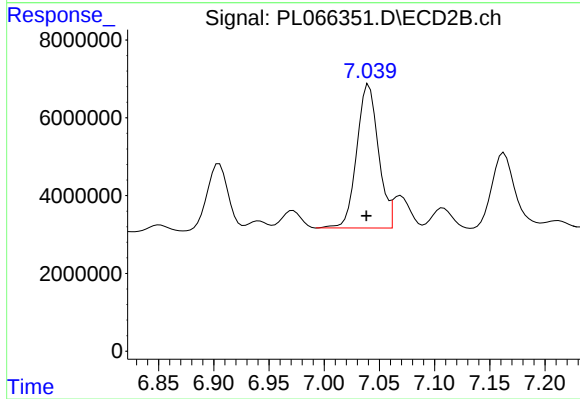
#15 Endosulfan II

R.T.: 7.163 min  
Delta R.T.: 0.027 min  
Response: 28370164  
Conc: 8.14 ng/ml



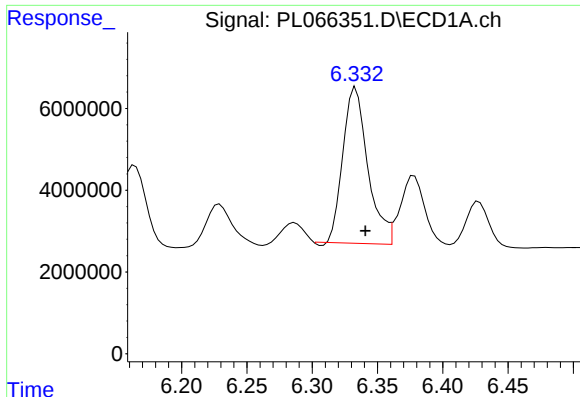
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.102 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

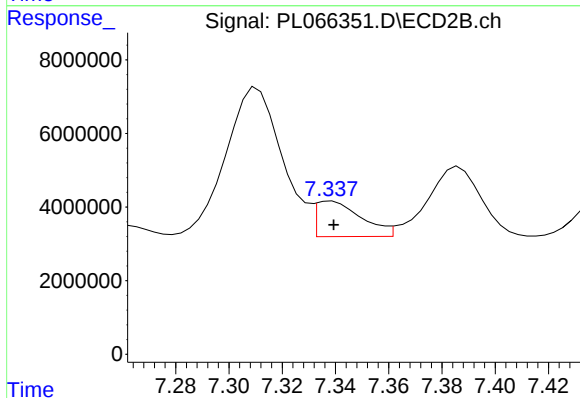
R.T.: 7.041 min  
Delta R.T.: 0.002 min  
Response: 50395176  
Conc: 14.73 ng/ml



#17 4,4'-DDT

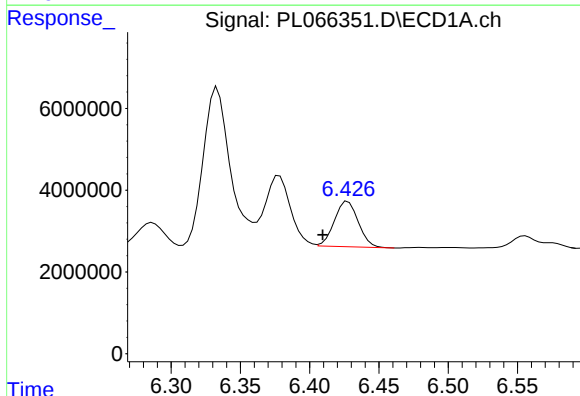
R.T.: 6.333 min  
Delta R.T.: -0.007 min  
Response: 50574235  
Conc: 15.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



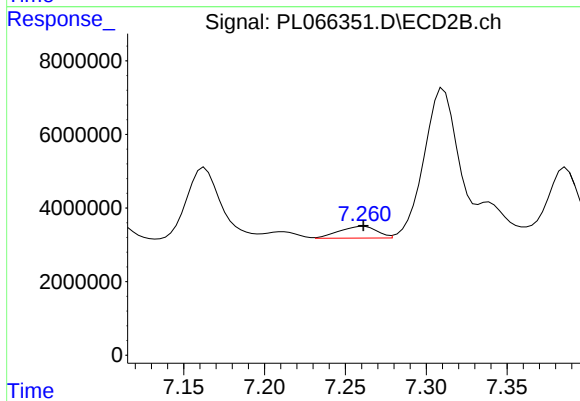
#17 4,4'-DDT

R.T.: 7.339 min  
Delta R.T.: 0.000 min  
Response: 11384830  
Conc: 3.36 ng/ml



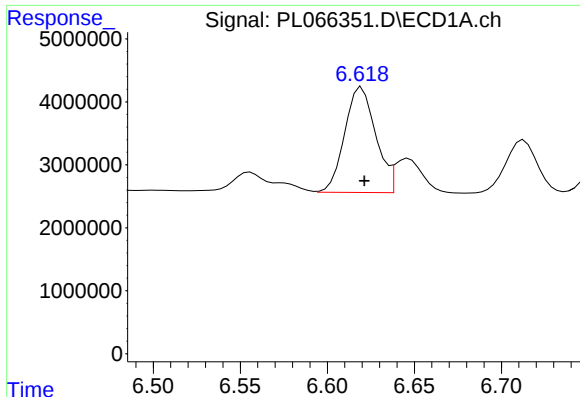
#18 Endrin aldehyde

R.T.: 6.428 min  
Delta R.T.: 0.018 min  
Response: 13184620  
Conc: 5.11 ng/ml



#18 Endrin aldehyde

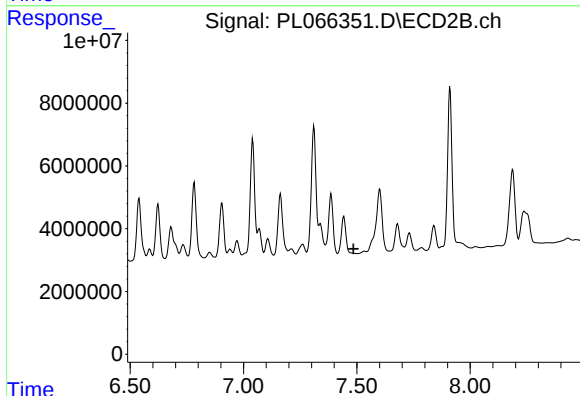
R.T.: 7.261 min  
Delta R.T.: 0.000 min  
Response: 5202413  
Conc: 1.86 ng/ml



#19 Endosulfan Sulfate

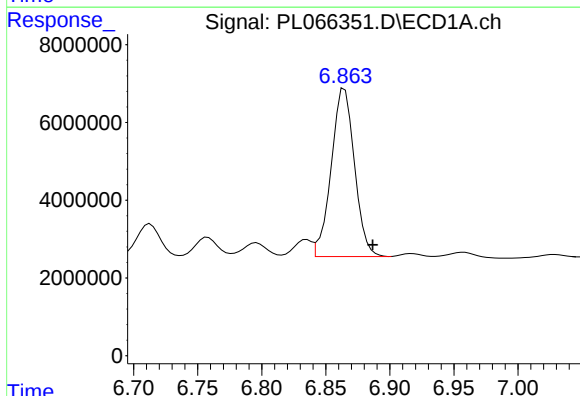
R.T.: 6.620 min  
Delta R.T.: -0.001 min  
Response: 20730493  
Conc: 6.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



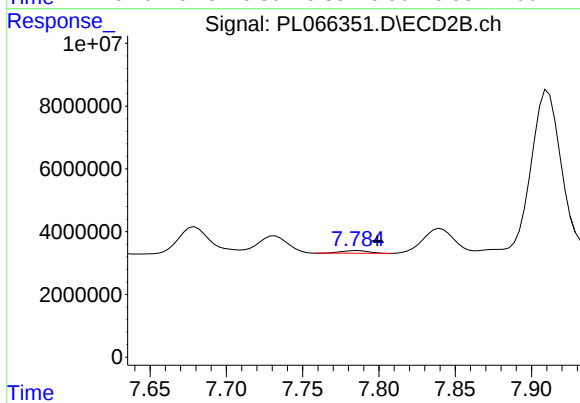
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.485 min  
Response: 0  
Conc: N.D.



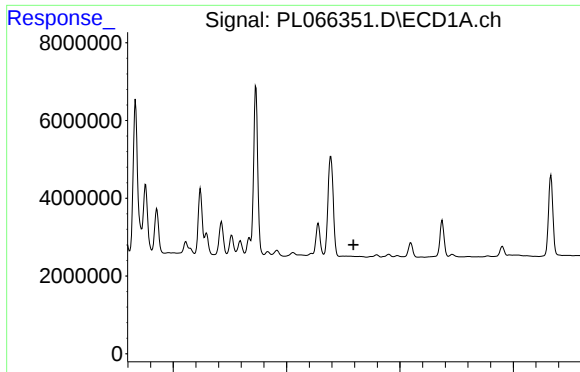
#20 Methoxychlor

R.T.: 6.865 min  
Delta R.T.: -0.022 min  
Response: 54639930  
Conc: 30.18 ng/ml



#20 Methoxychlor

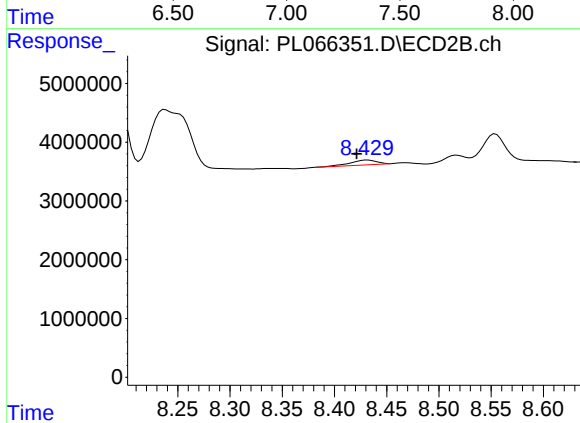
R.T.: 7.786 min  
Delta R.T.: -0.013 min  
Response: 1020484  
Conc: 0.57 ng/ml



#22 Mirex

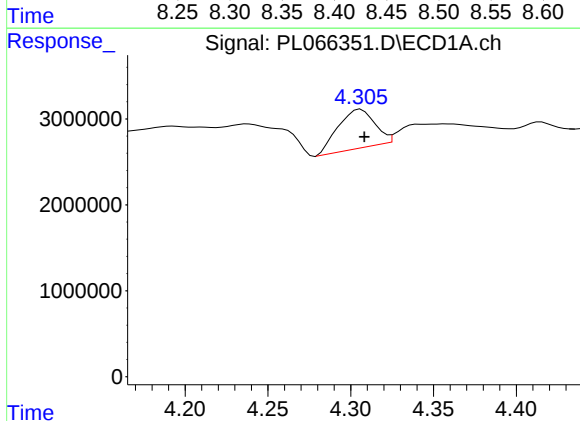
R.T.: 0.000 min  
Exp R.T.: 7.296 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



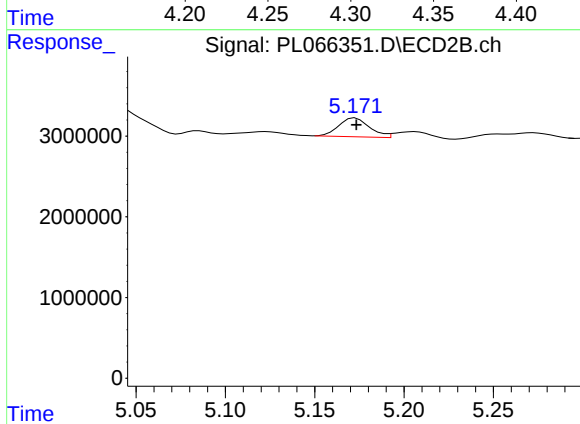
#22 Mirex

R.T.: 8.431 min  
Delta R.T.: 0.010 min  
Response: 1465031  
Conc: 0.52 ng/ml



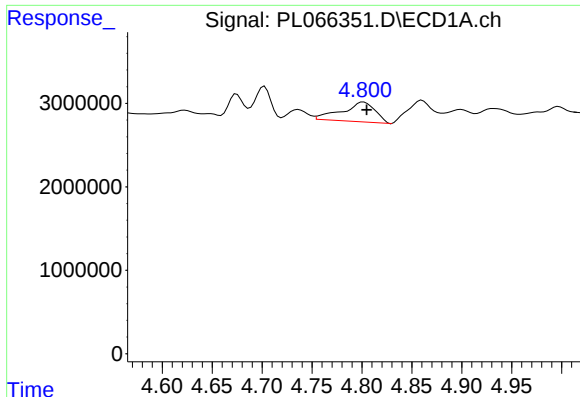
#23 Chlordane-1

R.T.: 4.306 min  
Delta R.T.: -0.002 min  
Response: 6931814  
Conc: 60.63 ng/ml



#23 Chlordane-1

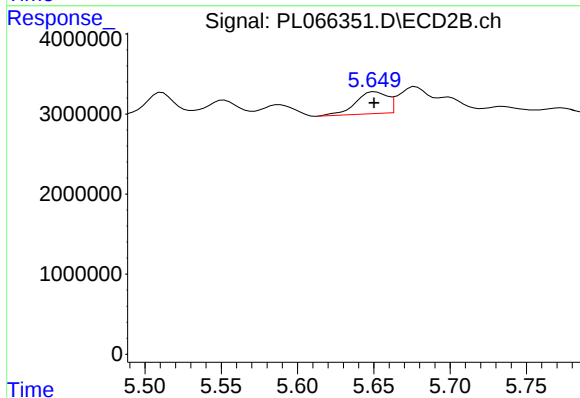
R.T.: 5.173 min  
Delta R.T.: 0.000 min  
Response: 2818352  
Conc: 16.39 ng/ml



#24 Chlordane-2

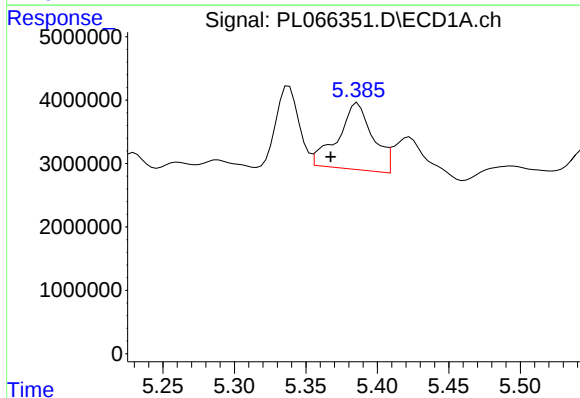
R.T.: 4.802 min  
Delta R.T.: -0.003 min  
Response: 5440983  
Conc: 40.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



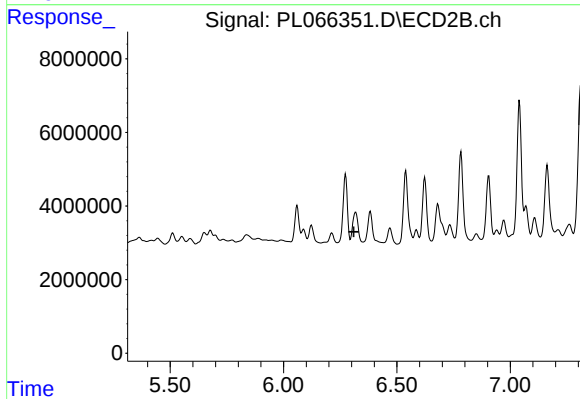
#24 Chlordane-2

R.T.: 5.651 min  
Delta R.T.: 0.000 min  
Response: 3939555  
Conc: 22.39 ng/ml



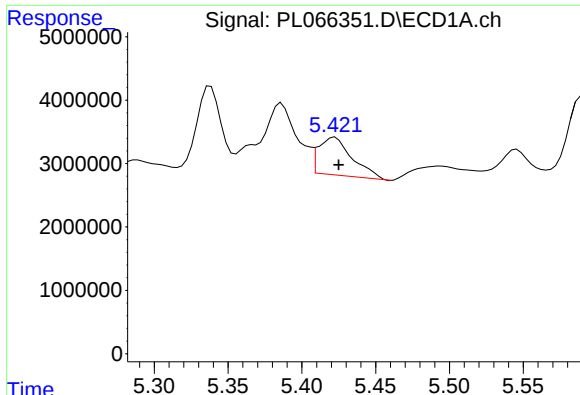
#25 Chlordane-3

R.T.: 5.386 min  
Delta R.T.: 0.019 min  
Response: 17848299  
Conc: 49.11 ng/ml



#25 Chlordane-3

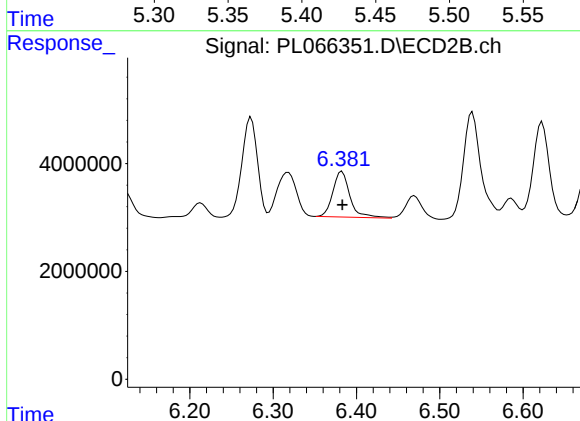
R.T.: 6.318 min  
Delta R.T.: 0.009 min  
Response: -9170345  
Conc: N.D.



#26 Chlordane-4

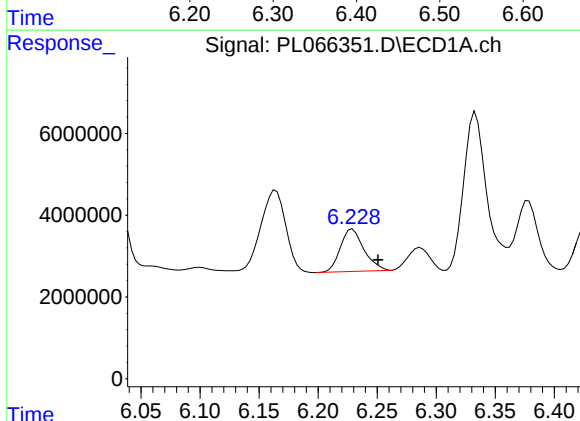
R.T.: 5.422 min  
Delta R.T.: -0.003 min  
Response: 9431959  
Conc: 29.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



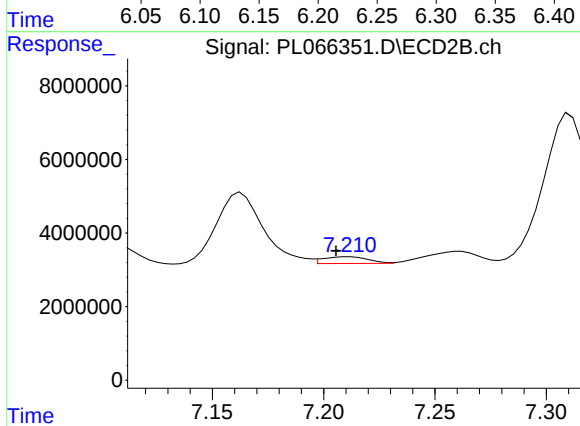
#26 Chlordane-4

R.T.: 6.383 min  
Delta R.T.: 0.000 min  
Response: 12024141  
Conc: 15.31 ng/ml



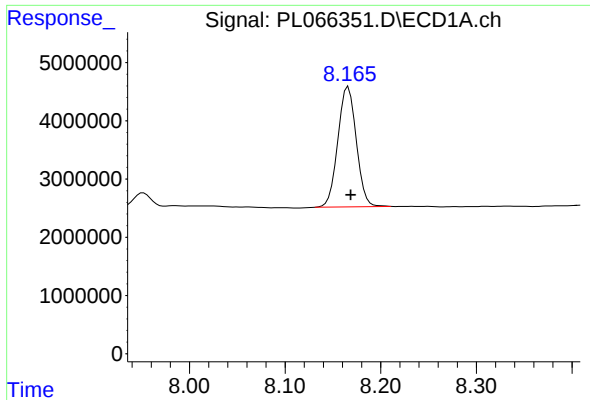
#27 Chlordane-5

R.T.: 6.229 min  
Delta R.T.: -0.022 min  
Response: 14410985  
Conc: 102.00 ng/ml



#27 Chlordane-5

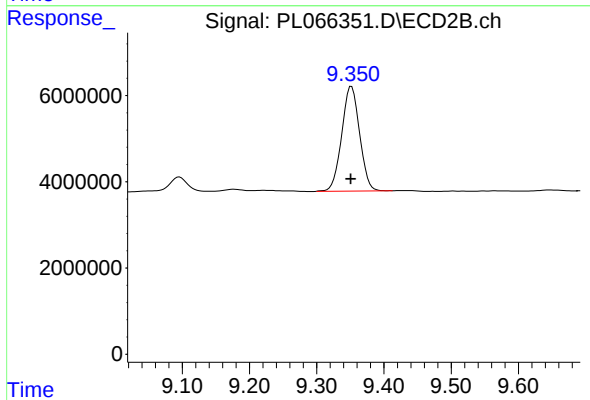
R.T.: 7.212 min  
Delta R.T.: 0.006 min  
Response: 2557942  
Conc: 19.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.166 min  
Delta R.T.: -0.002 min  
Response: 27736027  
Conc: 11.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.352 min  
Delta R.T.: 0.000 min  
Response: 44738898  
Conc: 13.70 ng/ml