

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102819\  
 Data File : PL053842.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2019 15:33  
 Operator : SG\AJ  
 Sample : K5542-15  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 09:17:38 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 2019  
 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  | 4.044  | 132.6E6  | 31274539 | 12.231  | 12.498    |
| 28)                         | SA Decachlor... | 8.326  | 9.121  | 91159264 | 28246760 | 9.291   | 10.031    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 4)                          | MA Heptachlor   | 4.578  | 5.230  | 104.3E6  | 17136272 | 6.607   | 5.318     |
| 5)                          | MB Aldrin       | 4.834  | 5.509f | 5565734  | 17256921 | 0.389   | 5.788 #   |
| 6)                          | B beta-BHC      | 4.545f | 4.921f | 4524641  | 8166764  | 0.687   | 5.287 #   |
| 7)                          | B delta-BHC     | 4.741  | 5.111  | 7438924  | 2722606  | 0.489   | 0.901 #   |
| 8)                          | B Heptachlo...  | 0.000  | 5.908f | 0        | 7939942  | N.D.    | 2.723 #   |
| 10)                         | B gamma-Chl...  | 5.505  | 6.156  | 164.5E6  | 67647437 | 12.056  | 23.184 #  |
| 11)                         | B alpha-Chl...  | 5.563  | 6.230  | 264.2E6  | 133.4E6  | 19.860  | 45.705 #  |
| 12)                         | B 4,4'-DDE      | 5.726  | 6.382  | 40800939 | 13856362 | 3.434   | 4.920 #   |
| 13)                         | MA Dieldrin     | 5.873  | 6.519f | 10996245 | 3240217  | 0.844   | 1.135 #   |
| 14)                         | MA Endrin       | 6.118  | 6.779f | 34609725 | 4731996  | 2.986   | 1.950 #   |
| 15)                         | B Endosulfa...  | 6.404  | 0.000  | 113.0E6  | 0        | 10.106  | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.243  | 6.879  | 14450583 | 5499697  | 1.624   | 2.639 #   |
| 17)                         | MA 4,4'-DDT     | 6.485  | 7.173  | 113.0E6  | 26012305 | 11.410  | 11.249    |
| 18)                         | B Endrin al...  | 6.577  | 0.000  | 10610393 | 0        | 1.157   | N.D. #    |
| 19)                         | B Endosulfa...  | 6.771  | 0.000  | 13520258 | 0        | 1.329   | N.D. #    |
| 20)                         | A Methoxychlor  | 7.016f | 0.000  | 42358228 | 0        | 8.591   | N.D. #    |
| 21)                         | B Endrin ke...  | 7.293f | 0.000  | 17024823 | 0        | 1.581   | N.D. #    |
| 22)                         | Mirex           | 0.000  | 8.260f | 0        | 629267   | N.D.    | 0.311 #   |
| 23)                         | Chlordane-1     | 4.424  | 5.041  | 86630769 | 20006691 | 244.257 | 238.553   |
| 24)                         | Chlordane-2     | 4.935  | 5.509  | 87015395 | 17256921 | 225.829 | 175.694   |
| 25)                         | Chlordane-3     | 5.505  | 6.156  | 164.5E6  | 67647437 | 142.696 | 185.219 # |
| 26)                         | Chlordane-4     | 5.563  | 6.230  | 264.2E6  | 133.4E6  | 281.832 | 297.199   |
| 27)                         | Chlordane-5     | 6.404  | 7.034  | 113.0E6  | 29121447 | 309.085 | 380.930   |
| -----                       |                 |        |        |          |          |         |           |

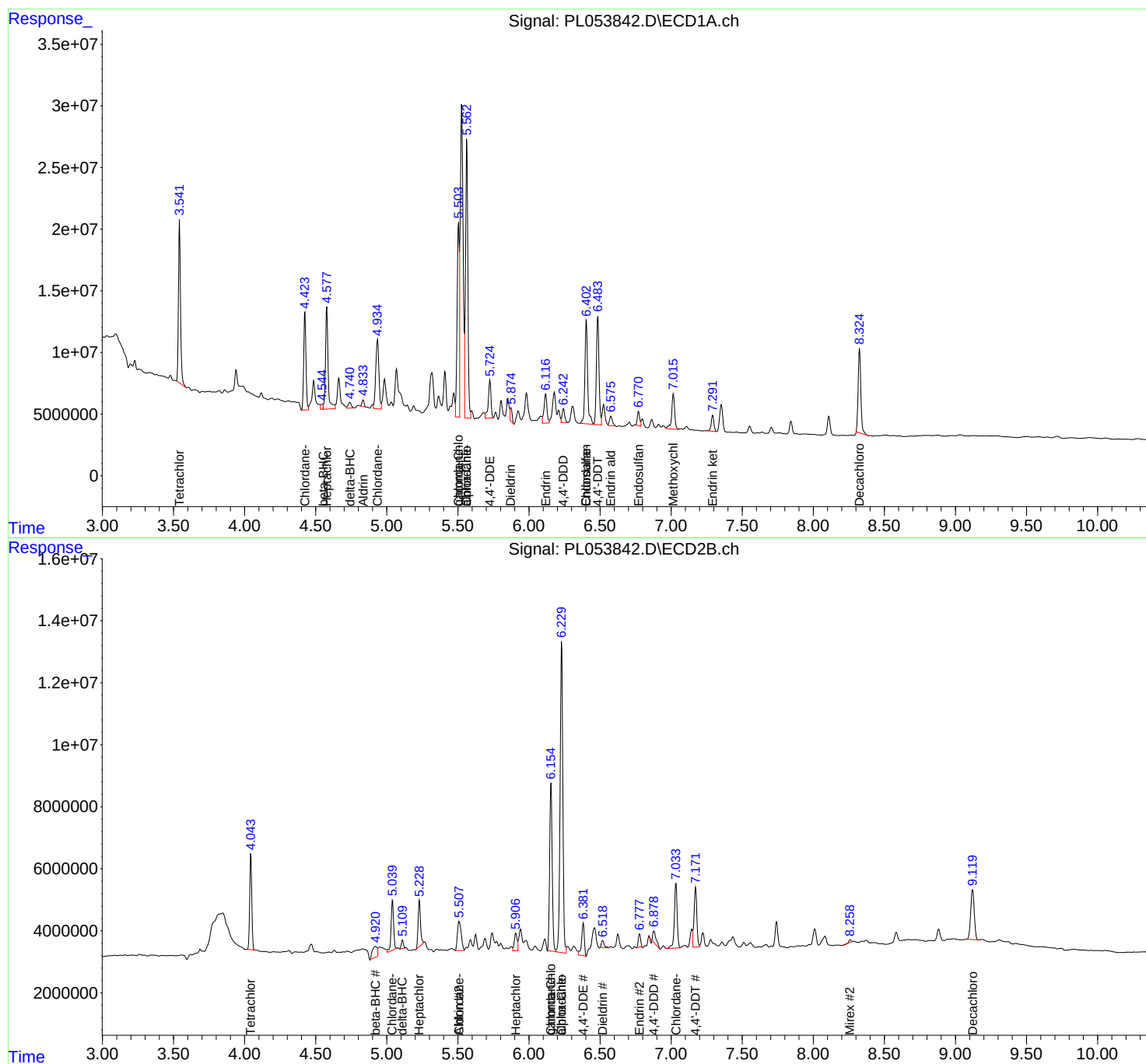
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

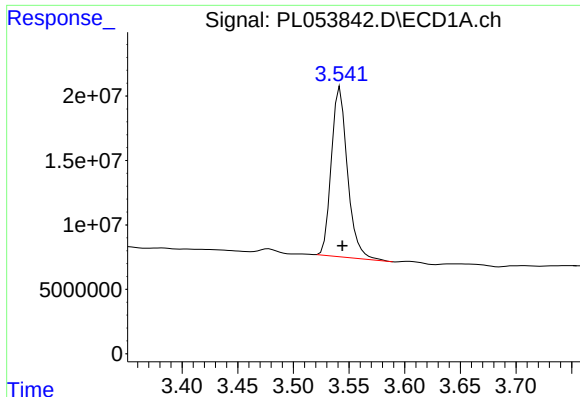
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102819\  
Data File : PL053842.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2019 15:33  
Operator : SG\AJ  
Sample : K5542-15  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 09:17:38 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
Response via : Initial Calibration  
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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

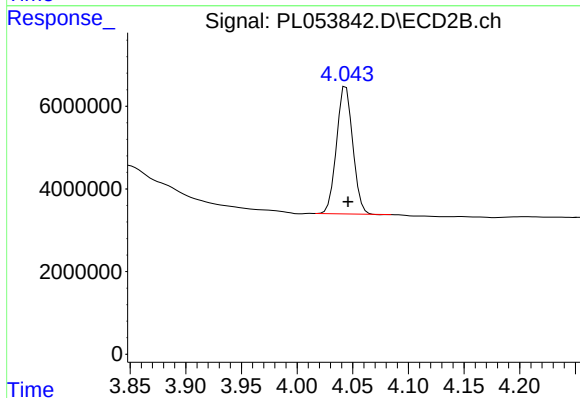




#1 Tetrachloro-m-xylene

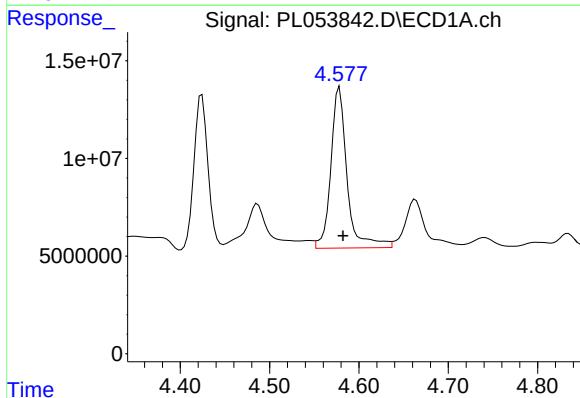
R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 132578264  
Conc: 12.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



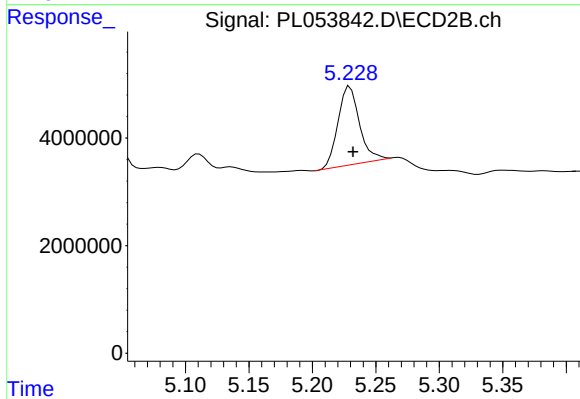
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 31274539  
Conc: 12.50 ng/ml



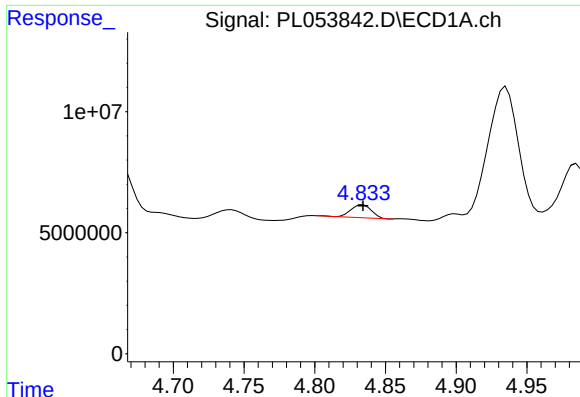
#4 Heptachlor

R.T.: 4.578 min  
Delta R.T.: -0.004 min  
Response: 104277262  
Conc: 6.61 ng/ml



#4 Heptachlor

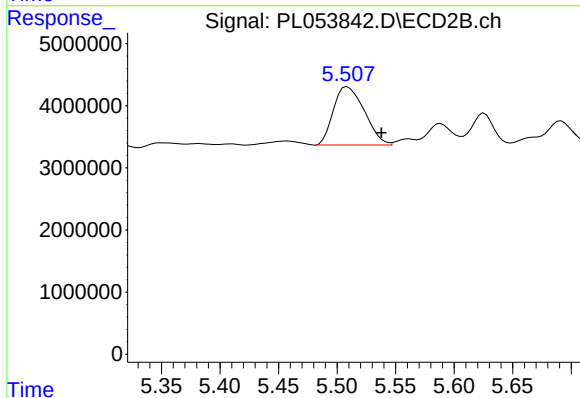
R.T.: 5.230 min  
Delta R.T.: -0.003 min  
Response: 17136272  
Conc: 5.32 ng/ml



#5 Aldrin

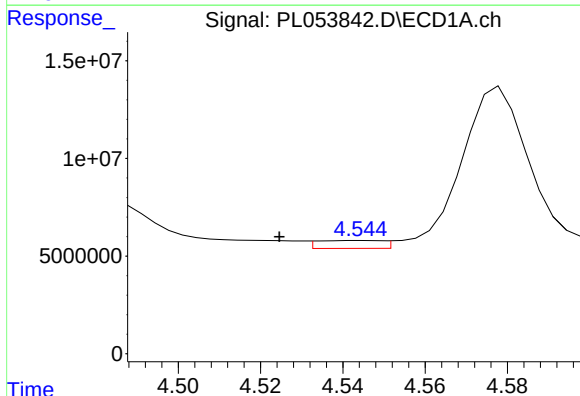
R.T.: 4.834 min  
Delta R.T.: 0.000 min  
Response: 5565734  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



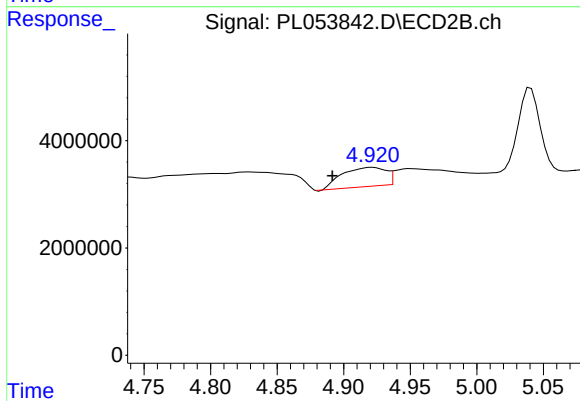
#5 Aldrin

R.T.: 5.509 min  
Delta R.T.: -0.029 min  
Response: 17256921  
Conc: 5.79 ng/ml



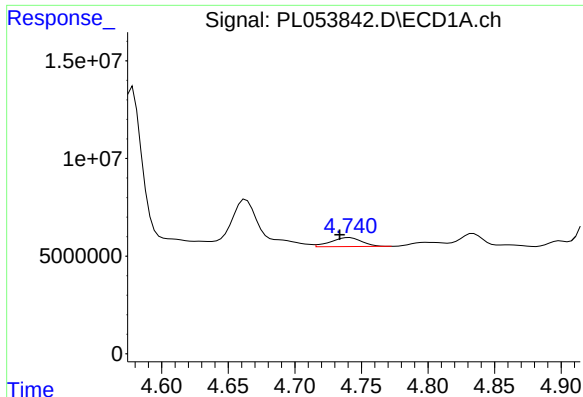
#6 beta-BHC

R.T.: 4.545 min  
Delta R.T.: 0.020 min  
Response: 4524641  
Conc: 0.69 ng/ml



#6 beta-BHC

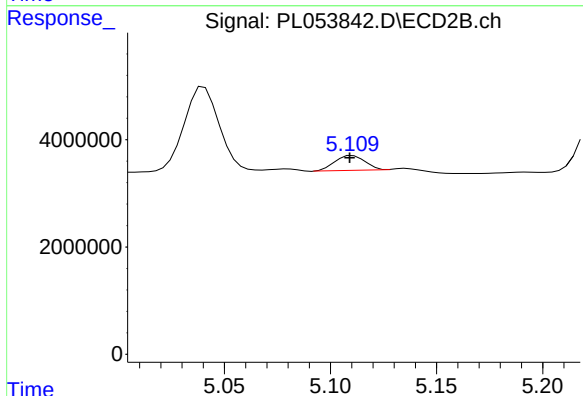
R.T.: 4.921 min  
Delta R.T.: 0.030 min  
Response: 8166764  
Conc: 5.29 ng/ml



#7 delta-BHC

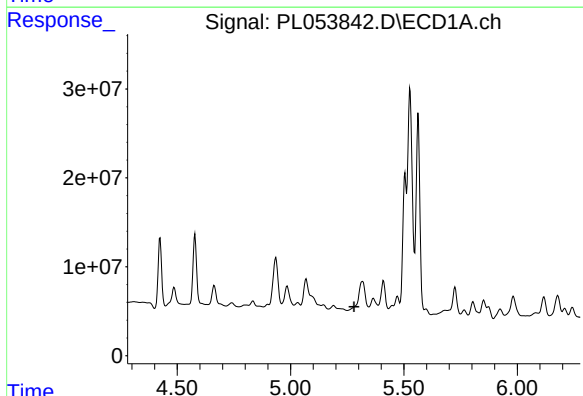
R.T.: 4.741 min  
Delta R.T.: 0.007 min  
Response: 7438924  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



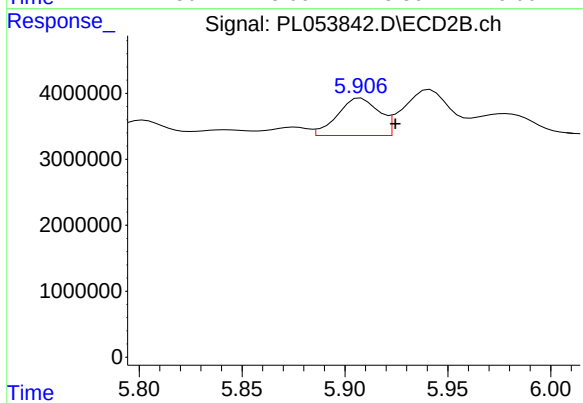
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: 0.001 min  
Response: 2722606  
Conc: 0.90 ng/ml



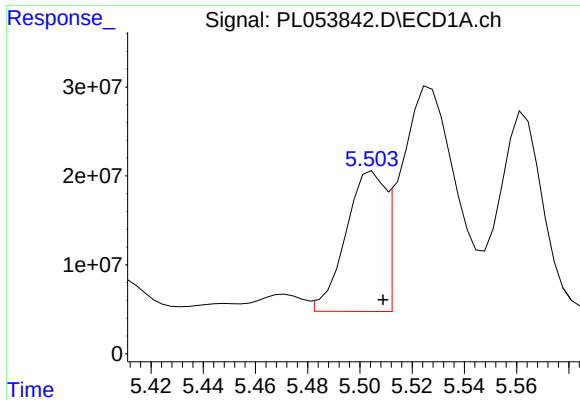
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.280 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

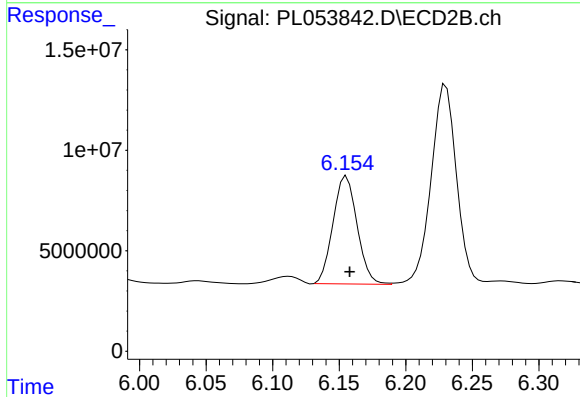
R.T.: 5.908 min  
Delta R.T.: -0.017 min  
Response: 7939942  
Conc: 2.72 ng/ml



#10 gamma-Chlordane

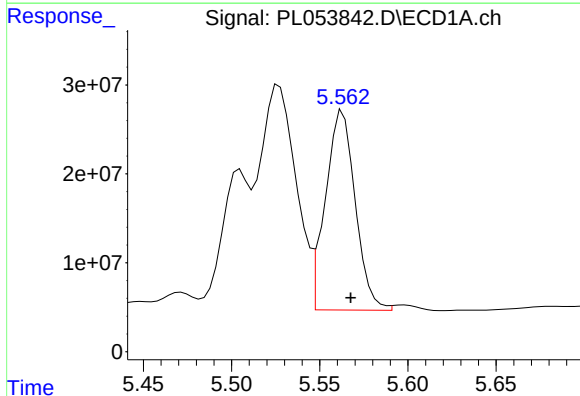
R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 164483812  
Conc: 12.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



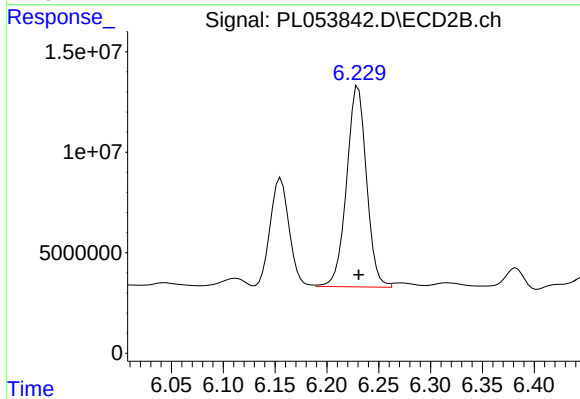
#10 gamma-Chlordane

R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 67647437  
Conc: 23.18 ng/ml



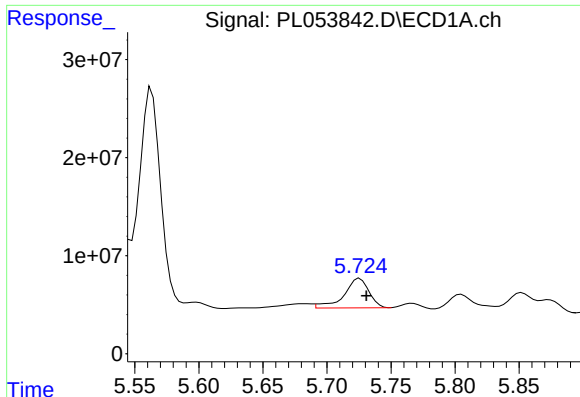
#11 alpha-Chlordane

R.T.: 5.563 min  
Delta R.T.: -0.004 min  
Response: 264203551  
Conc: 19.86 ng/ml



#11 alpha-Chlordane

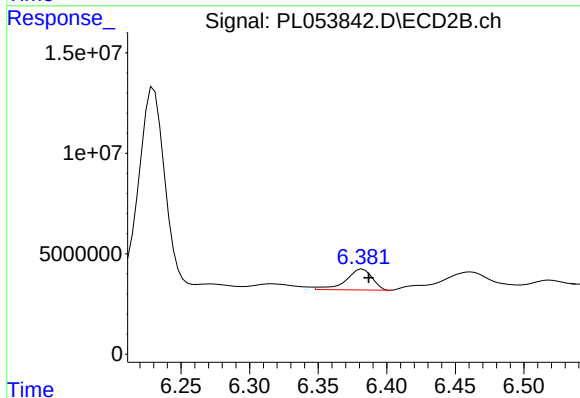
R.T.: 6.230 min  
Delta R.T.: 0.000 min  
Response: 133423591  
Conc: 45.71 ng/ml



#12 4,4'-DDE

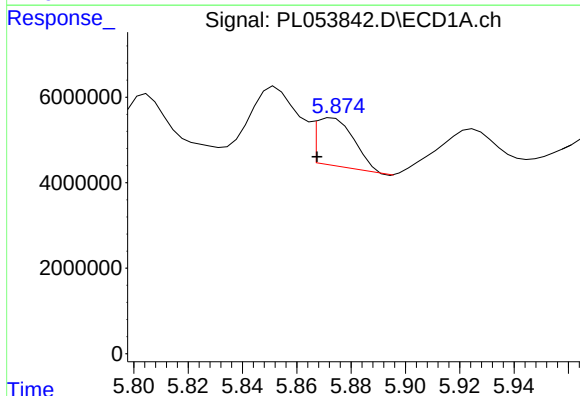
R.T.: 5.726 min  
Delta R.T.: -0.005 min  
Response: 40800939  
Conc: 3.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



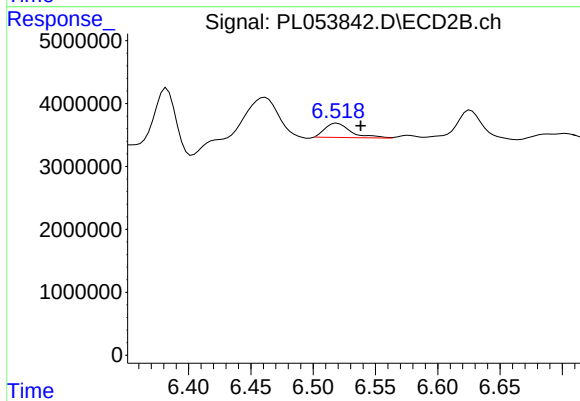
#12 4,4'-DDE

R.T.: 6.382 min  
Delta R.T.: -0.004 min  
Response: 13856362  
Conc: 4.92 ng/ml



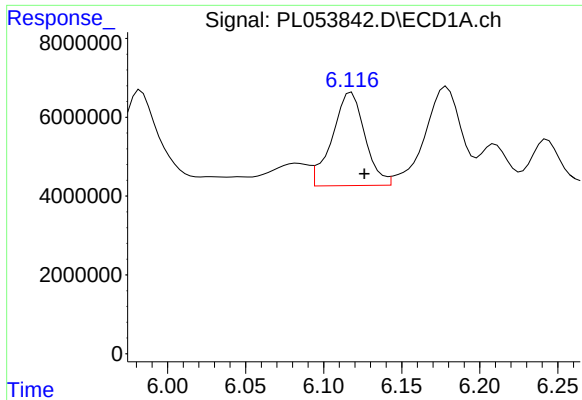
#13 Dieldrin

R.T.: 5.873 min  
Delta R.T.: 0.006 min  
Response: 10996245  
Conc: 0.84 ng/ml



#13 Dieldrin

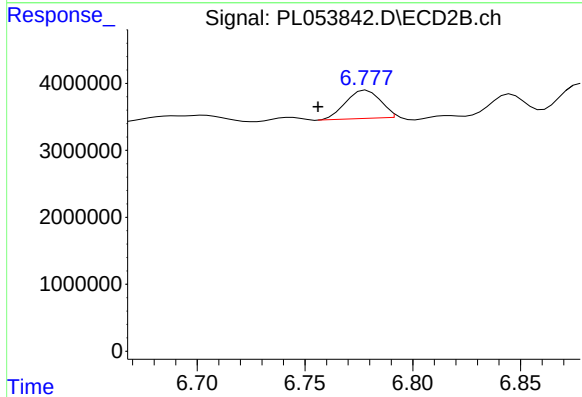
R.T.: 6.519 min  
Delta R.T.: -0.019 min  
Response: 3240217  
Conc: 1.14 ng/ml



#14 Endrin

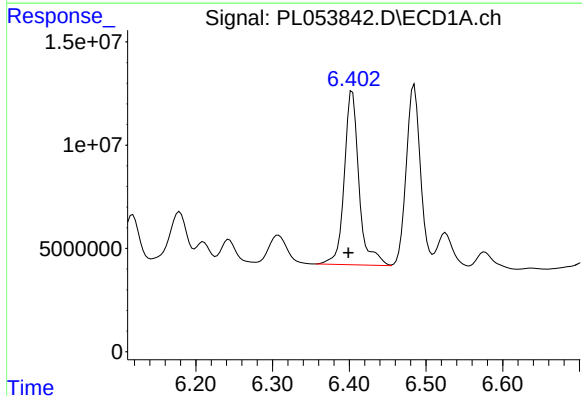
R.T.: 6.118 min  
Delta R.T.: -0.008 min  
Response: 34609725  
Conc: 2.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



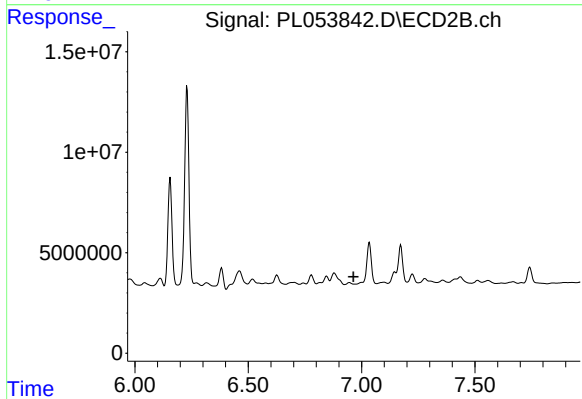
#14 Endrin

R.T.: 6.779 min  
Delta R.T.: 0.023 min  
Response: 4731996  
Conc: 1.95 ng/ml



#15 Endosulfan II

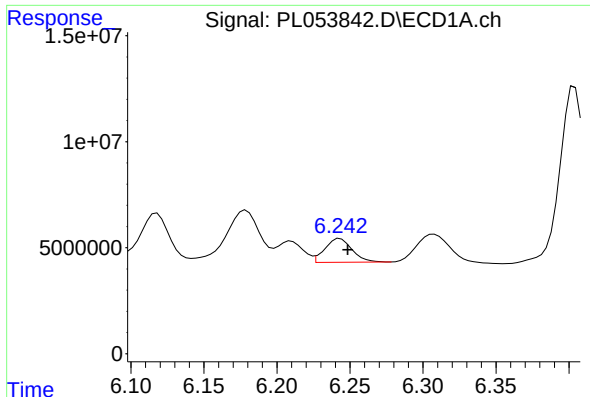
R.T.: 6.404 min  
Delta R.T.: 0.005 min  
Response: 112984254  
Conc: 10.11 ng/ml



#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.965 min  
Response: 0  
Conc: N.D.

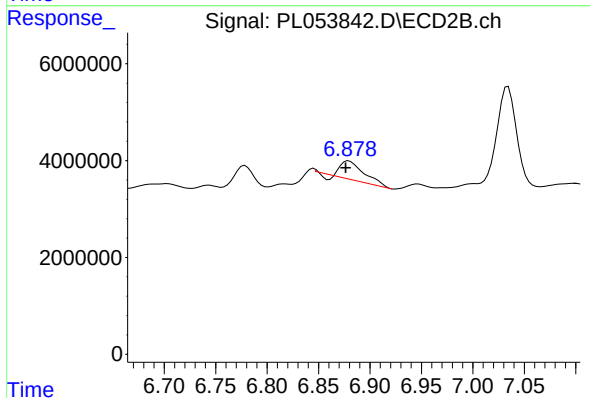




#16 4,4'-DDD

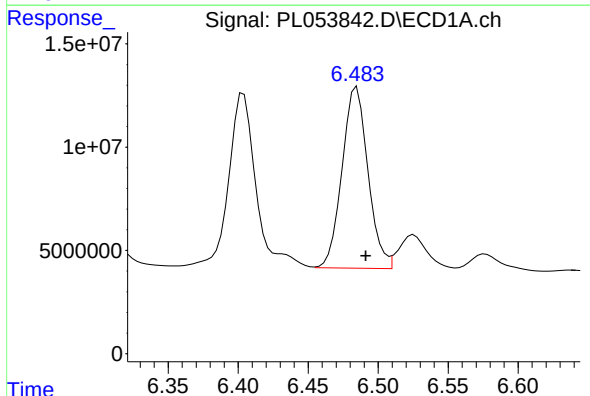
R.T.: 6.243 min  
Delta R.T.: -0.005 min  
Response: 14450583  
Conc: 1.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



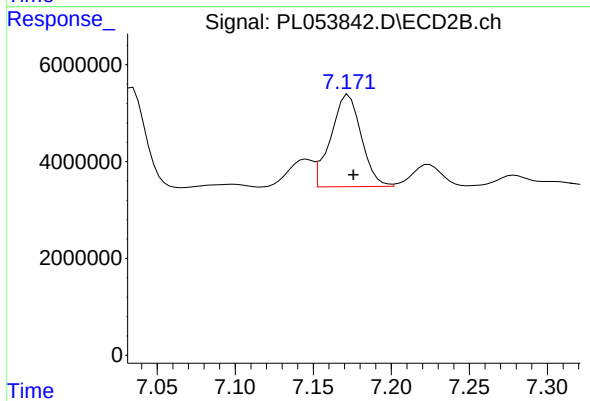
#16 4,4'-DDD

R.T.: 6.879 min  
Delta R.T.: 0.003 min  
Response: 5499697  
Conc: 2.64 ng/ml



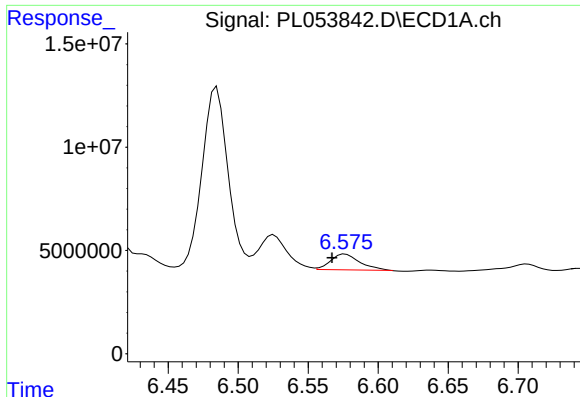
#17 4,4'-DDT

R.T.: 6.485 min  
Delta R.T.: -0.006 min  
Response: 113032725  
Conc: 11.41 ng/ml



#17 4,4'-DDT

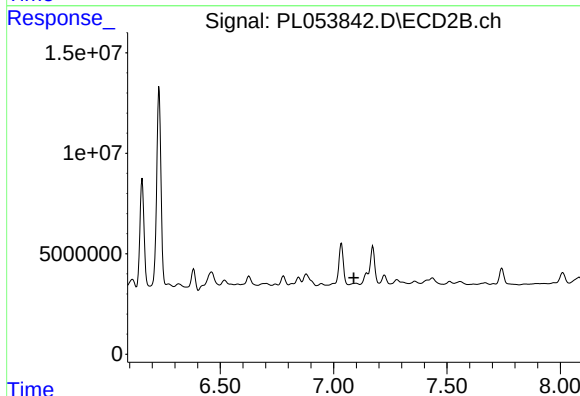
R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 26012305  
Conc: 11.25 ng/ml



#18 Endrin aldehyde

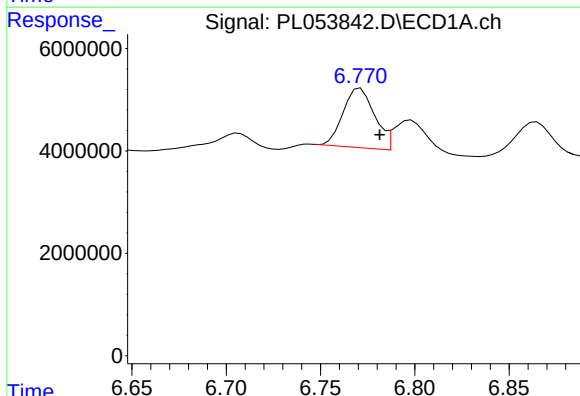
R.T.: 6.577 min  
Delta R.T.: 0.010 min  
Response: 10610393  
Conc: 1.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



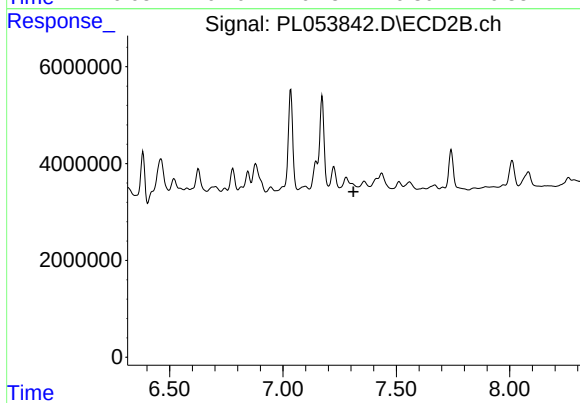
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.089 min  
Response: 0  
Conc: N.D.



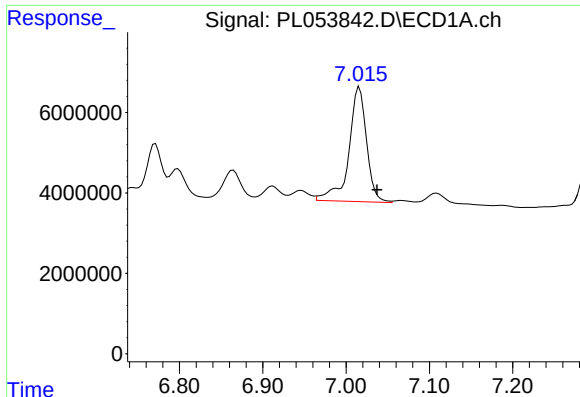
#19 Endosulfan Sulfate

R.T.: 6.771 min  
Delta R.T.: -0.010 min  
Response: 13520258  
Conc: 1.33 ng/ml



#19 Endosulfan Sulfate

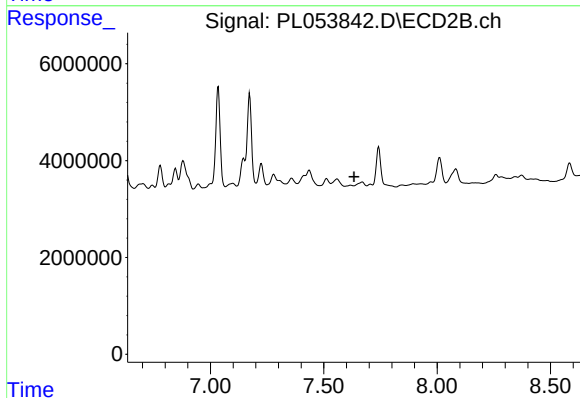
R.T.: 0.000 min  
Exp R.T. : 7.312 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

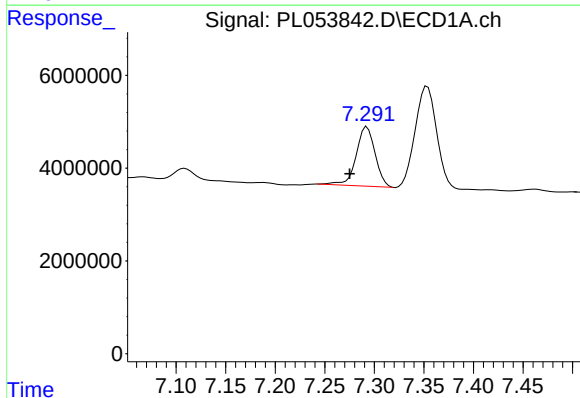
R.T.: 7.016 min  
Delta R.T.: -0.021 min  
Response: 42358228  
Conc: 8.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



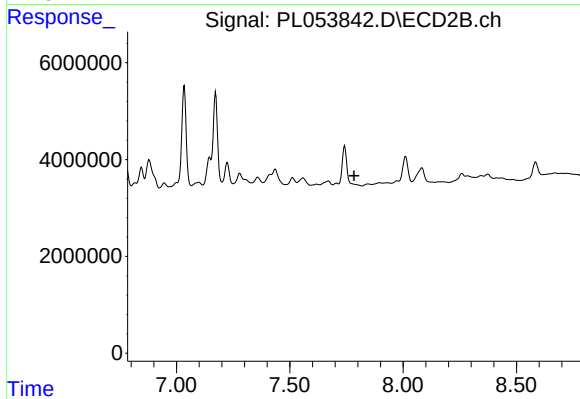
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.633 min  
Response: 0  
Conc: N.D.



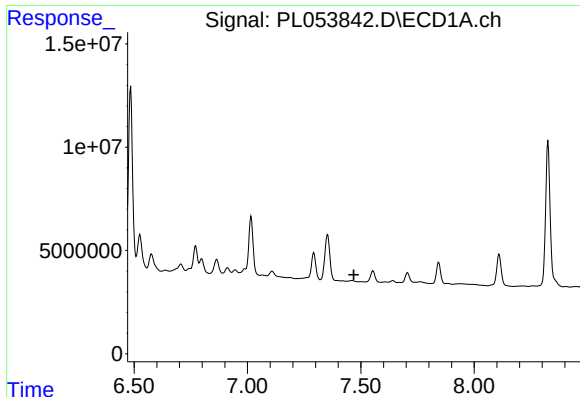
#21 Endrin ketone

R.T.: 7.293 min  
Delta R.T.: 0.017 min  
Response: 17024823  
Conc: 1.58 ng/ml



#21 Endrin ketone

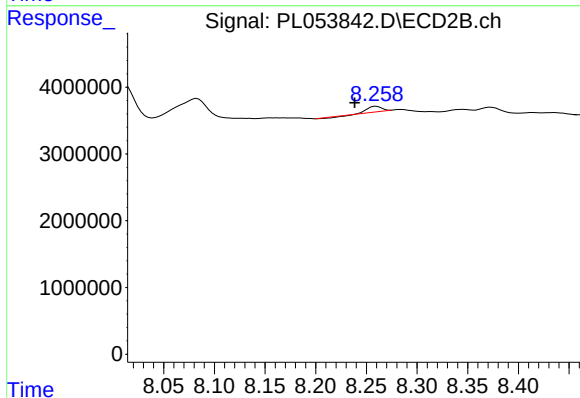
R.T.: 0.000 min  
Exp R.T. : 7.783 min  
Response: 0  
Conc: N.D.



#22 Mirex

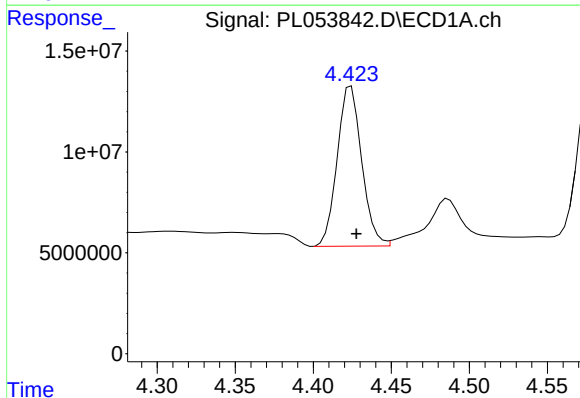
R.T.: 0.000 min  
Exp R.T.: 7.469 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



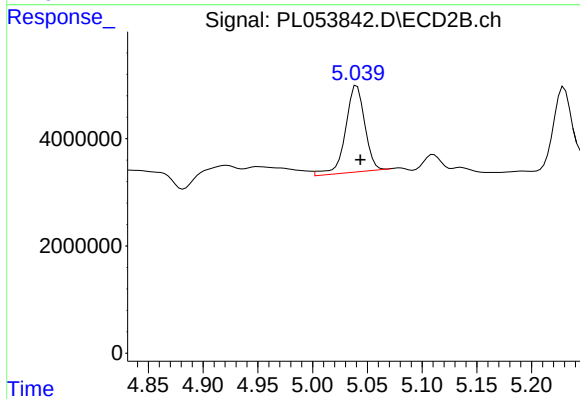
#22 Mirex

R.T.: 8.260 min  
Delta R.T.: 0.021 min  
Response: 629267  
Conc: 0.31 ng/ml



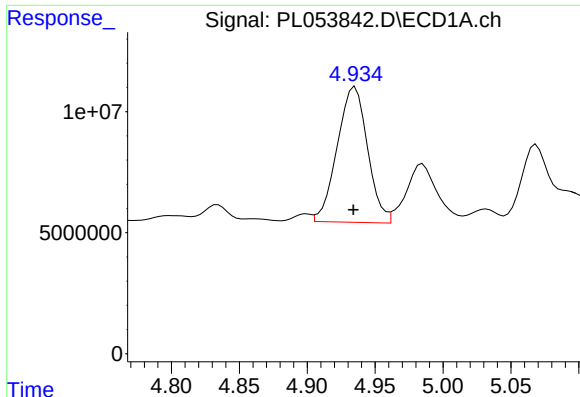
#23 Chlordane-1

R.T.: 4.424 min  
Delta R.T.: -0.003 min  
Response: 86630769  
Conc: 244.26 ng/ml



#23 Chlordane-1

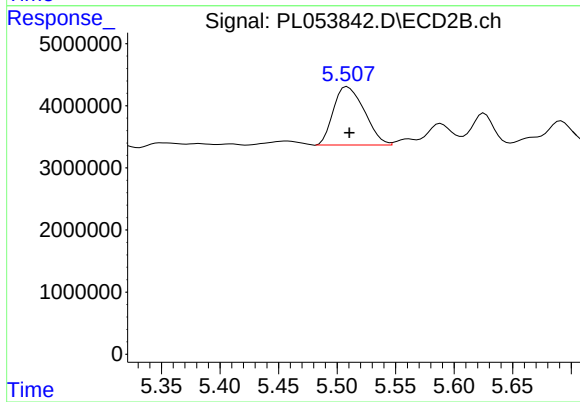
R.T.: 5.041 min  
Delta R.T.: -0.003 min  
Response: 20006691  
Conc: 238.55 ng/ml



#24 Chlordane-2

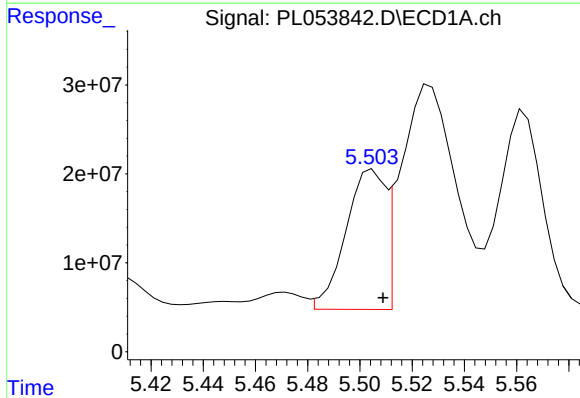
R.T.: 4.935 min  
Delta R.T.: 0.001 min  
Response: 87015395  
Conc: 225.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



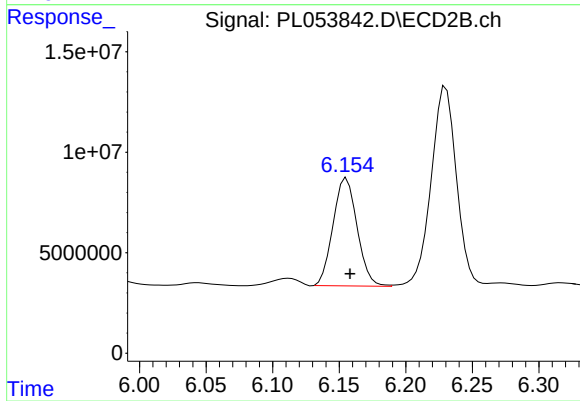
#24 Chlordane-2

R.T.: 5.509 min  
Delta R.T.: -0.002 min  
Response: 17256921  
Conc: 175.69 ng/ml



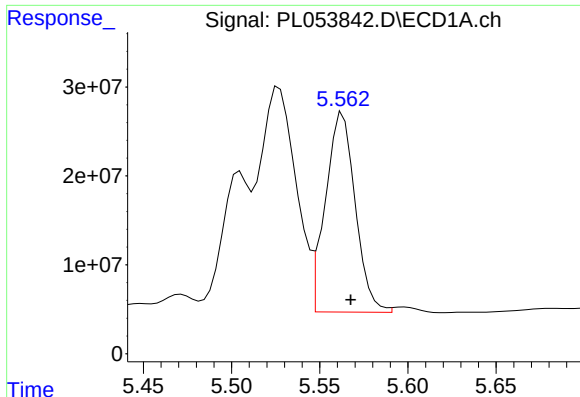
#25 Chlordane-3

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 164483812  
Conc: 142.70 ng/ml



#25 Chlordane-3

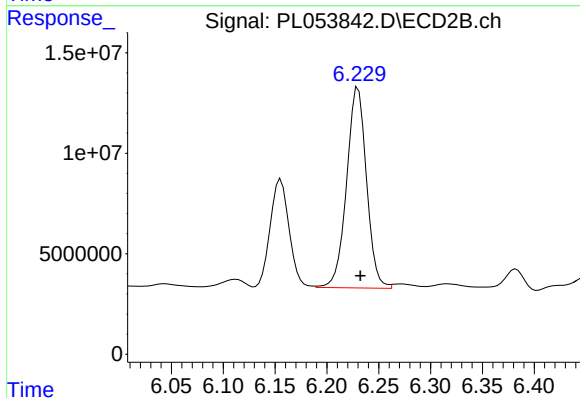
R.T.: 6.156 min  
Delta R.T.: -0.003 min  
Response: 67647437  
Conc: 185.22 ng/ml



#26 Chlordane-4

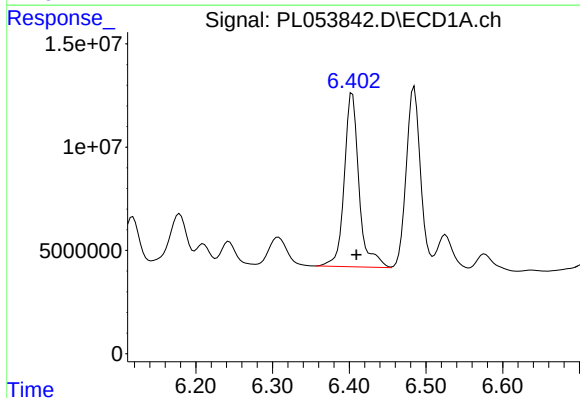
R.T.: 5.563 min  
Delta R.T.: -0.004 min  
Response: 264203551  
Conc: 281.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



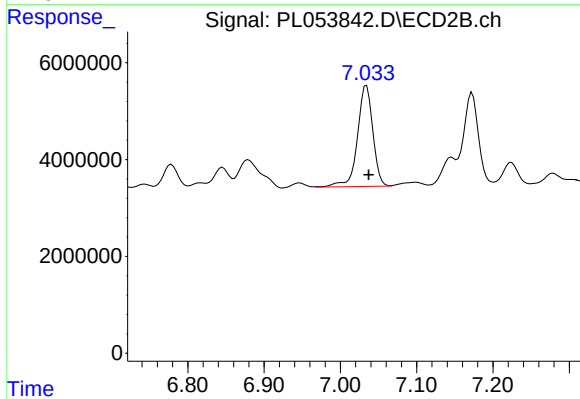
#26 Chlordane-4

R.T.: 6.230 min  
Delta R.T.: -0.002 min  
Response: 133423591  
Conc: 297.20 ng/ml



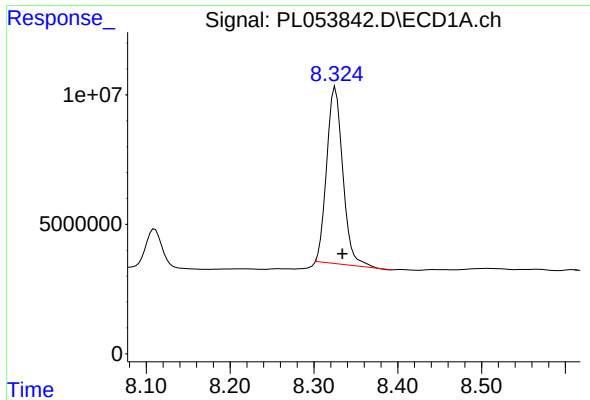
#27 Chlordane-5

R.T.: 6.404 min  
Delta R.T.: -0.005 min  
Response: 112984254  
Conc: 309.08 ng/ml



#27 Chlordane-5

R.T.: 7.034 min  
Delta R.T.: -0.003 min  
Response: 29121447  
Conc: 380.93 ng/ml



#28 Decachlorobiphenyl

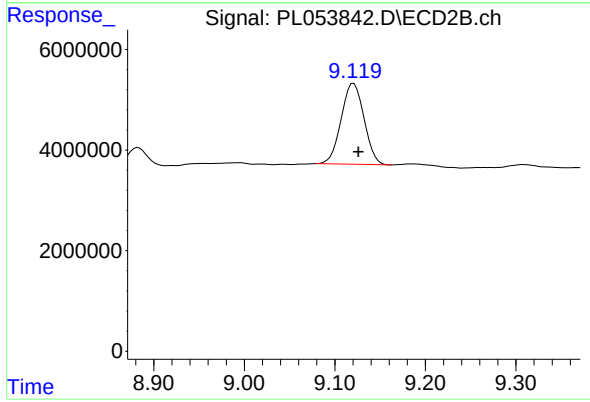
R.T.: 8.326 min

Delta R.T.: -0.008 min

Response: 91159264

Conc: 9.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.121 min

Delta R.T.: -0.005 min

Response: 28246760

Conc: 10.03 ng/ml