

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072820\  
 Data File : PL060304.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jul 2020 18:02  
 Operator : DD\AJ  
 Sample : L3436-04RE 10X  
 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: Jul 29 17:36:53 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 2020  
 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... | 3.465  | 4.013  | 1576868  | 2820241 | 0.815   | 1.064 #  |
| 28)                         | SA Decachlor... | 8.221  | 9.096  | 2097614  | 3250515 | 1.275   | 1.554    |
| Target Compounds            |                 |        |        |          |         |         |          |
| 2)                          | A alpha-BHC     | 3.898  | 0.000  | 516231   | 0       | 0.180   | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.190  | 4.667f | 3733174  | 5440255 | 1.512   | 1.500    |
| 4)                          | MA Heptachlor   | 4.496  | 5.198  | 668092   | 2755368 | 0.298   | 0.819 #  |
| 5)                          | MB Aldrin       | 4.738  | 5.503  | 554629   | 2354761 | 0.281   | 0.756 #  |
| 6)                          | B beta-BHC      | 4.438  | 0.000  | 1909300  | 0       | 1.870   | N.D. #   |
| 7)                          | B delta-BHC     | 4.630  | 5.103f | 835829   | -377470 | 0.376   | N.D. #   |
| 8)                          | B Heptachlo...  | 5.180  | 5.884  | 1087253  | 6334235 | 0.592   | 2.352 #  |
| 9)                          | A Endosulfan I  | 5.539f | 0.000  | 14902297 | 0       | 8.858   | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.409  | 6.124  | 5855897  | 4168251 | 3.228   | 1.456 #  |
| 11)                         | B alpha-Chl...  | 5.466  | 6.200  | 18552153 | 2135002 | 10.288  | 0.747 #  |
| 13)                         | MA Dieldrin     | 5.761  | 0.000  | 7816126  | 0       | 4.430   | N.D. #   |
| 14)                         | MA Endrin       | 6.017  | 0.000  | 1293309  | 0       | 0.889   | N.D. #   |
| 15)                         | B Endosulfa...  | 6.298  | 6.948  | 3043546  | 3433115 | 1.822   | 1.367    |
| 16)                         | A 4,4'-DDD      | 6.150  | 6.846  | -54042   | 5566716 | N.D.    | 2.425    |
| 17)                         | MA 4,4'-DDT     | 6.386  | 7.147  | 2241318  | 6733910 | 1.724   | 3.420 #  |
| 18)                         | B Endrin al...  | 6.474  | 7.059  | 296918   | 750443  | 0.208   | 0.346 #  |
| 19)                         | B Endosulfa...  | 6.687  | 0.000  | 4379875  | 0       | 2.664   | N.D. #   |
| 20)                         | A Methoxychlor  | 0.000  | 7.580f | 0        | 4917820 | N.D.    | 4.332 #  |
| 22)                         | Mirex           | 0.000  | 8.224  | 0        | 3241548 | N.D.    | 1.754 #  |
| 23)                         | Chlordane-1     | 4.335  | 0.000  | 5029822  | 0       | 82.097  | N.D. #   |
| 24)                         | Chlordane-2     | 4.853  | 5.474  | 784494   | 2762953 | 12.390  | 24.115 # |
| 25)                         | Chlordane-3     | 5.409  | 6.124  | 5855897  | 4168251 | 34.627  | 10.773 # |
| 26)                         | Chlordane-4     | 5.466  | 6.200  | 18552153 | 2135002 | 132.972 | 4.612 #  |
| 27)                         | Chlordane-5     | 6.298  | 7.023  | 3043546  | 981258  | 53.640  | 12.634 # |
| -----                       |                 |        |        |          |         |         |          |

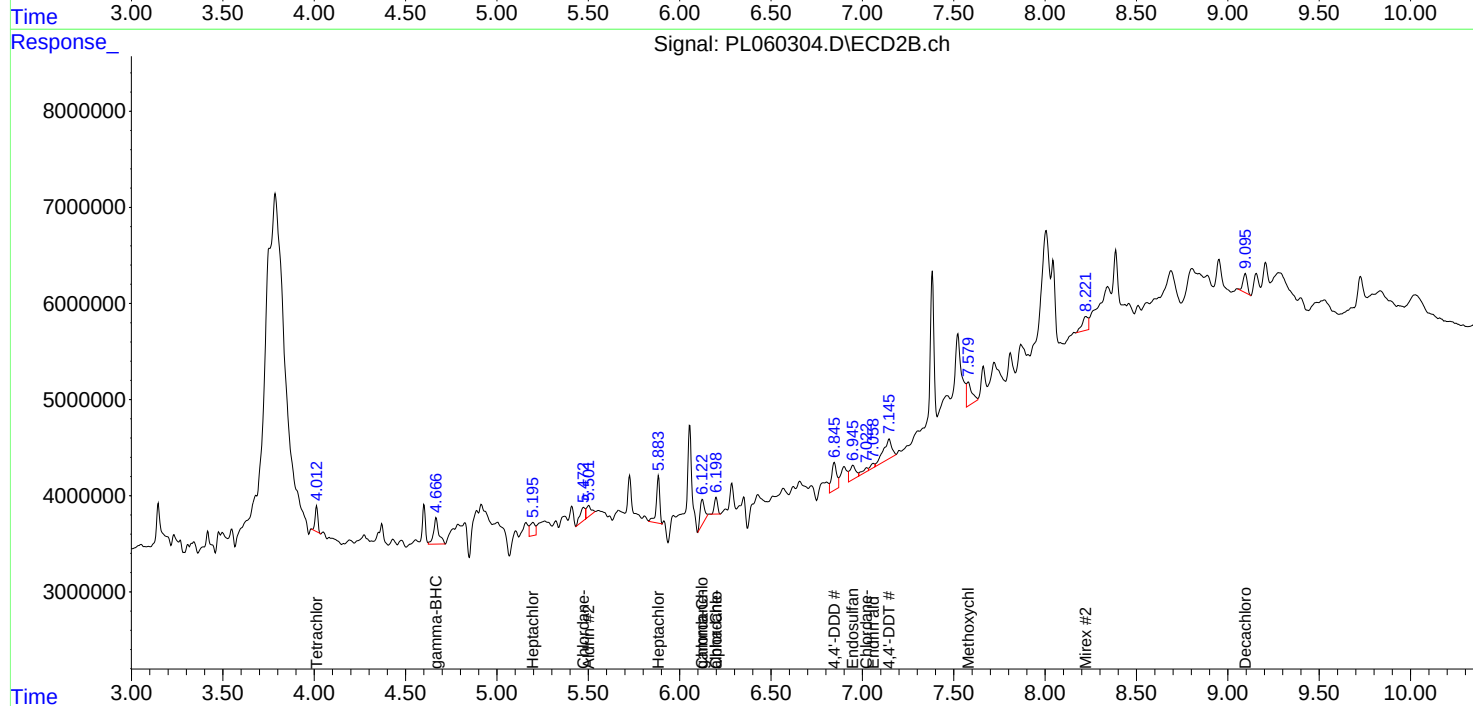
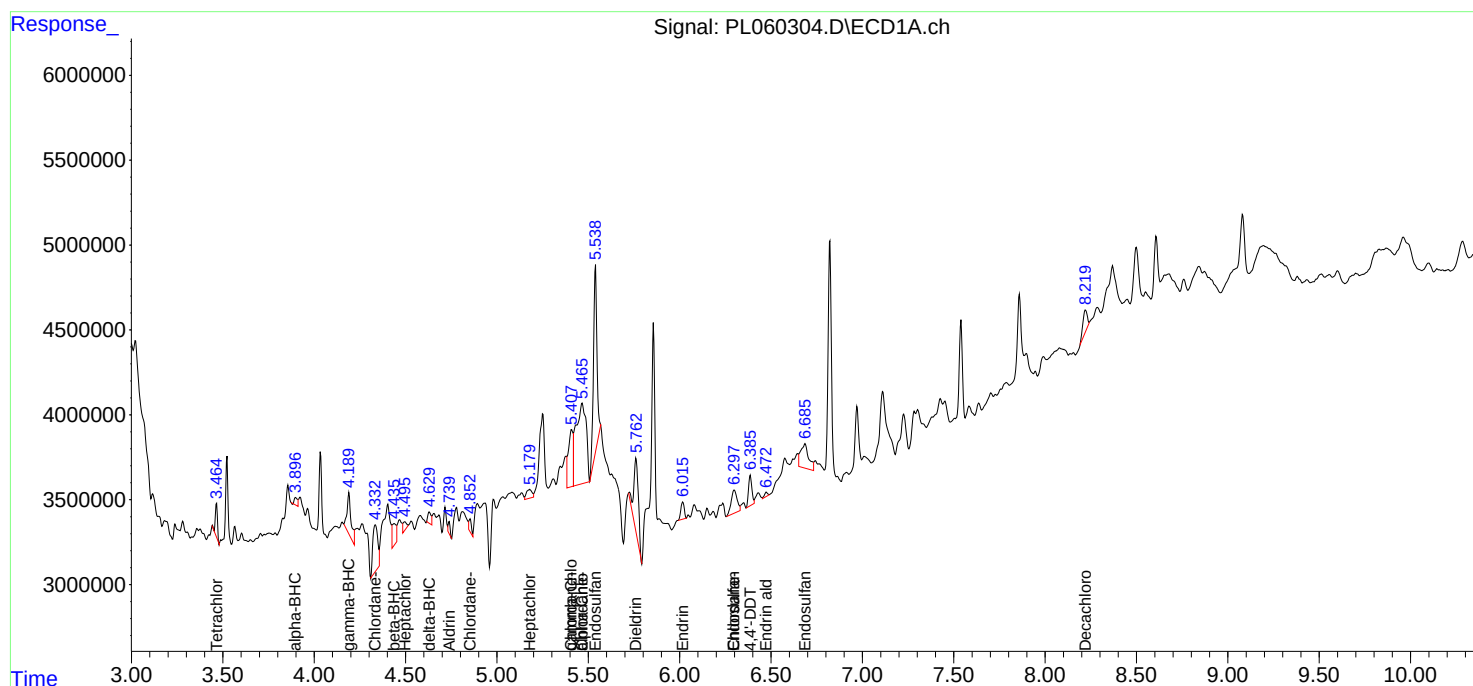
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

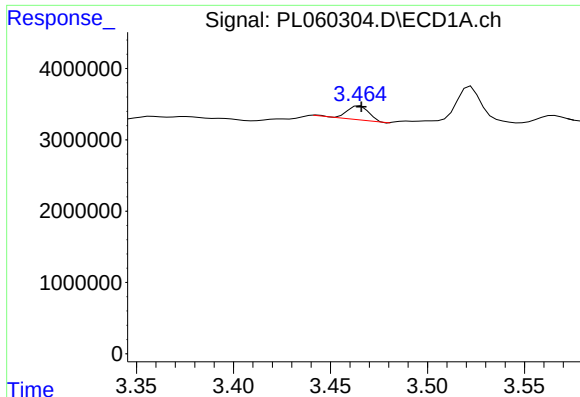
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072820\  
Data File : PL060304.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jul 2020 18:02  
Operator : DD\AJ  
Sample : L3436-04RE 10X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 29 17:36:53 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 2020  
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

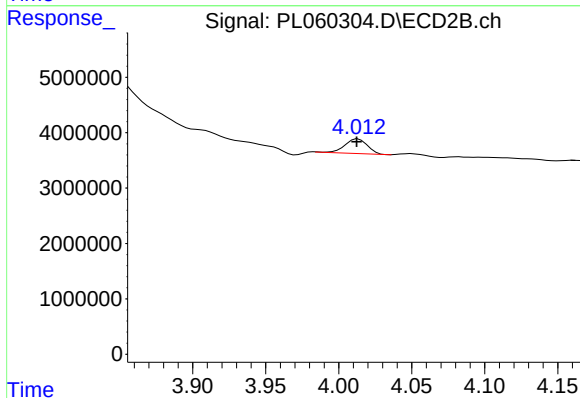




#1 Tetrachloro-m-xylene

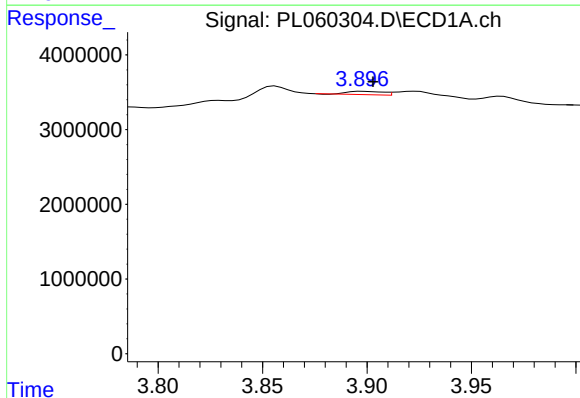
R.T.: 3.465 min  
Delta R.T.: 0.000 min  
Response: 1576868  
Conc: 0.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



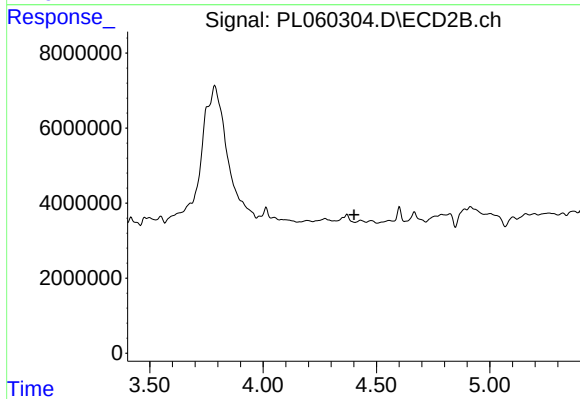
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.001 min  
Response: 2820241  
Conc: 1.06 ng/ml



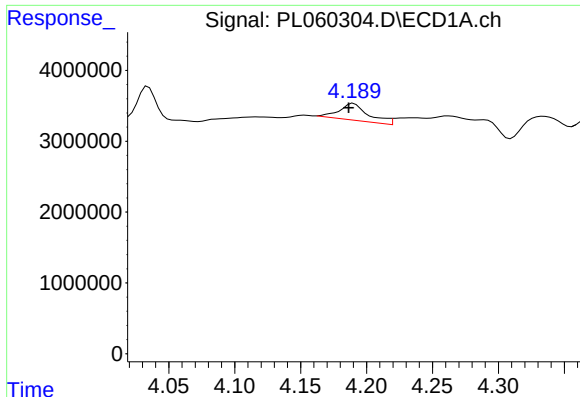
#2 alpha-BHC

R.T.: 3.898 min  
Delta R.T.: -0.005 min  
Response: 516231  
Conc: 0.18 ng/ml



#2 alpha-BHC

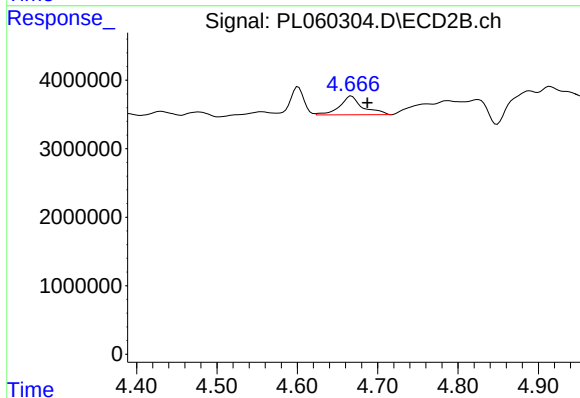
R.T.: 0.000 min  
Exp R.T. : 4.402 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

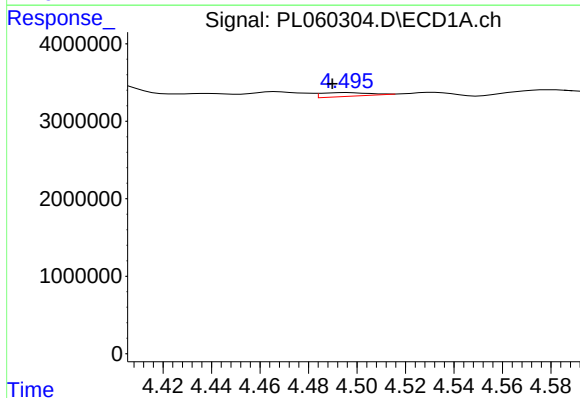
R.T.: 4.190 min  
Delta R.T.: 0.004 min  
Response: 3733174  
Conc: 1.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



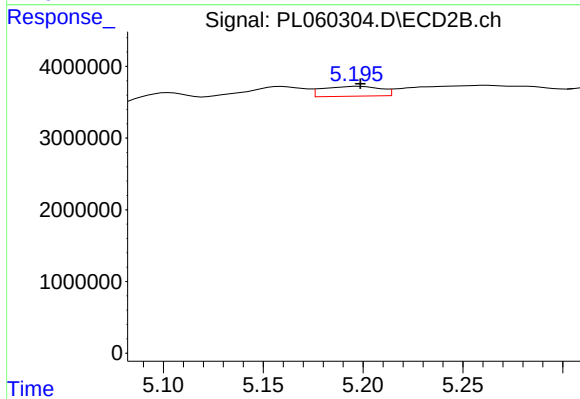
#3 gamma-BHC (Lindane)

R.T.: 4.667 min  
Delta R.T.: -0.020 min  
Response: 5440255  
Conc: 1.50 ng/ml



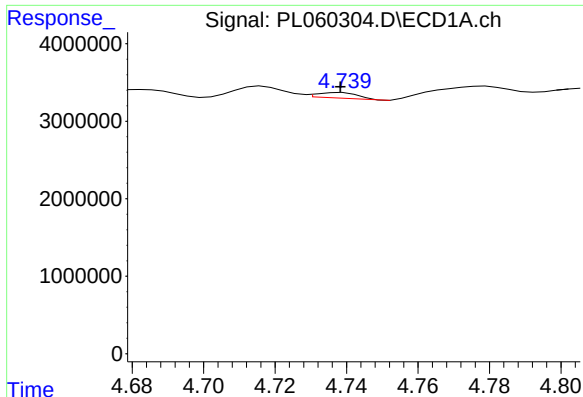
#4 Heptachlor

R.T.: 4.496 min  
Delta R.T.: 0.006 min  
Response: 668092  
Conc: 0.30 ng/ml



#4 Heptachlor

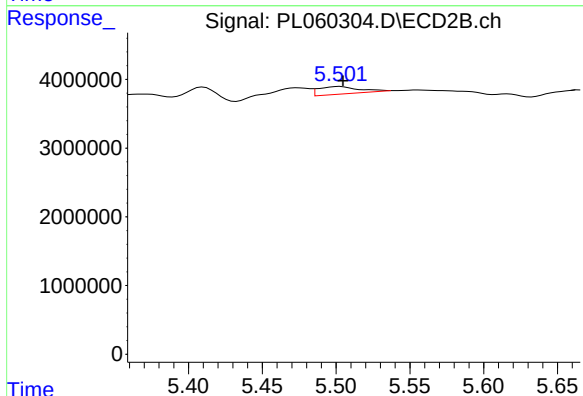
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 2755368  
Conc: 0.82 ng/ml



#5 Aldrin

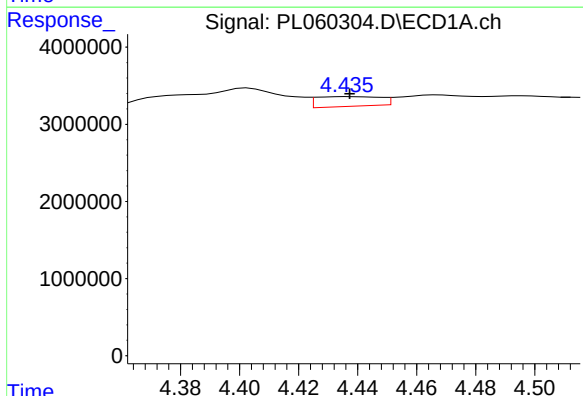
R.T.: 4.738 min  
Delta R.T.: 0.000 min  
Response: 554629  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



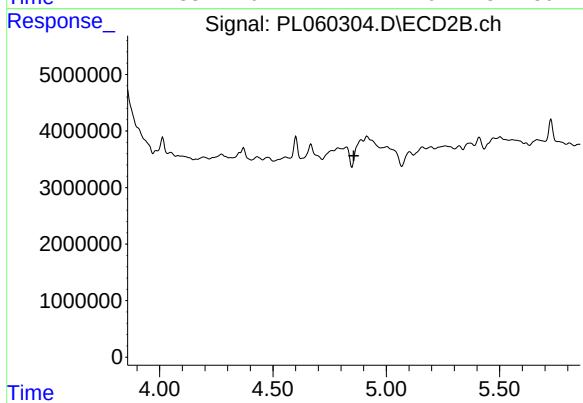
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: -0.002 min  
Response: 2354761  
Conc: 0.76 ng/ml



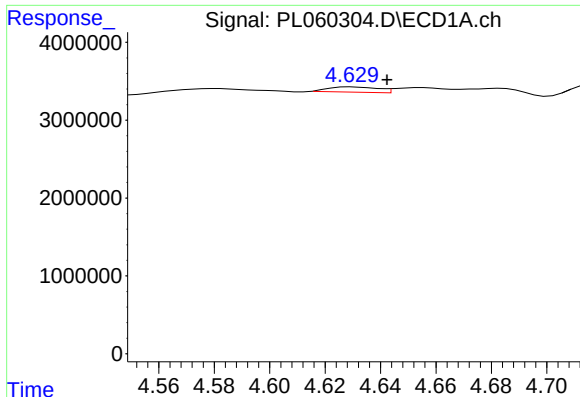
#6 beta-BHC

R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 1909300  
Conc: 1.87 ng/ml



#6 beta-BHC

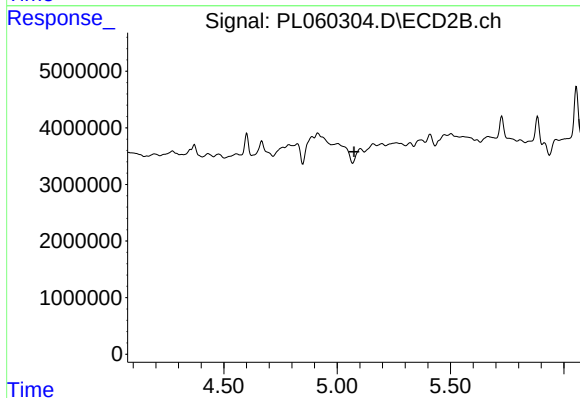
R.T.: 0.000 min  
Exp R.T. : 4.857 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

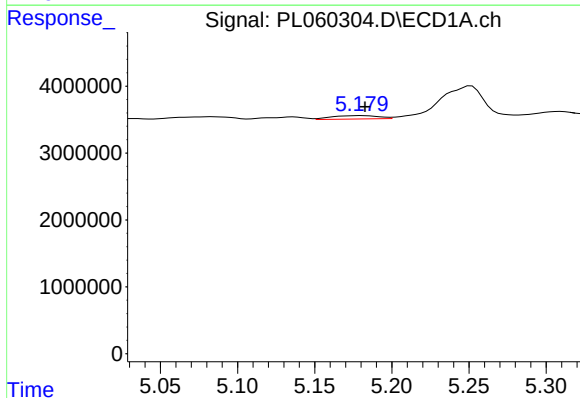
R.T.: 4.630 min  
Delta R.T.: -0.013 min  
Response: 835829  
Conc: 0.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



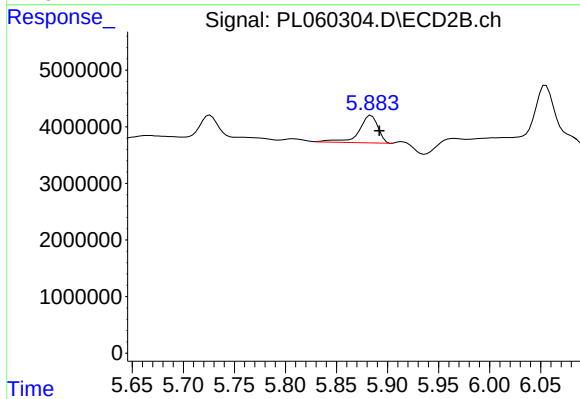
#7 delta-BHC

R.T.: 5.103 min  
Delta R.T.: 0.028 min  
Response: -377470  
Conc: N.D.



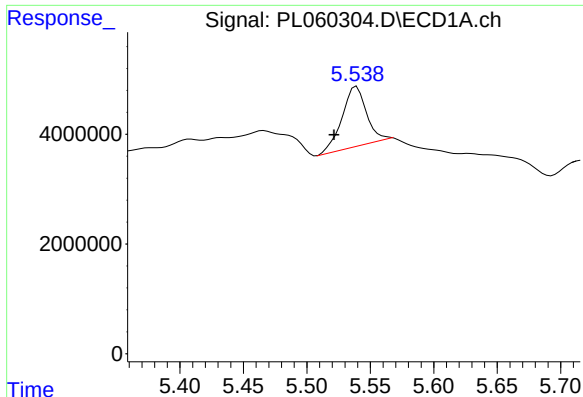
#8 Heptachlor epoxide

R.T.: 5.180 min  
Delta R.T.: -0.002 min  
Response: 1087253  
Conc: 0.59 ng/ml



#8 Heptachlor epoxide

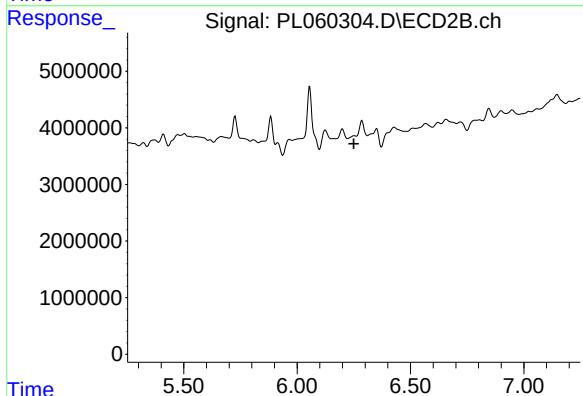
R.T.: 5.884 min  
Delta R.T.: -0.008 min  
Response: 6334235  
Conc: 2.35 ng/ml



#9 Endosulfan I

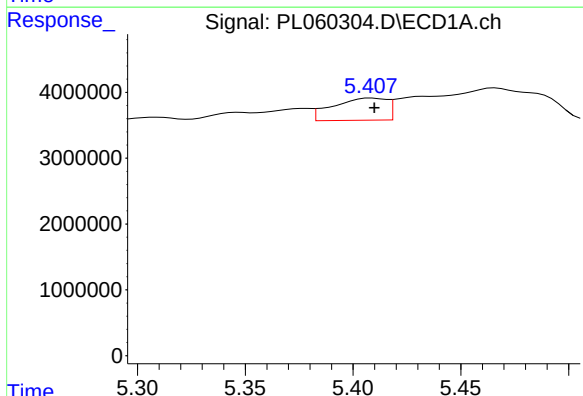
R.T.: 5.539 min  
Delta R.T.: 0.018 min  
Response: 14902297  
Conc: 8.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



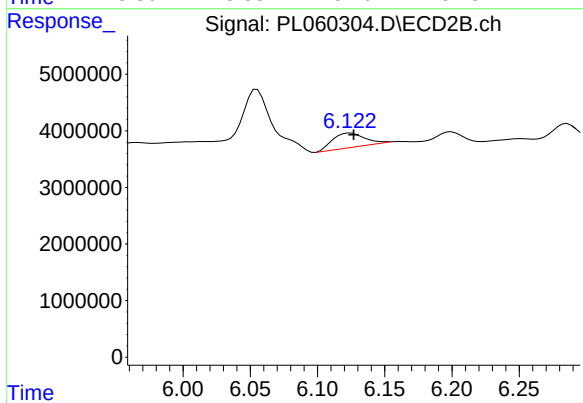
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.250 min  
Response: 0  
Conc: N.D.



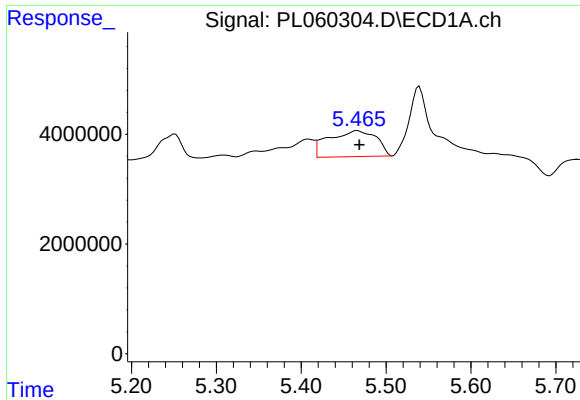
#10 gamma-Chlordane

R.T.: 5.409 min  
Delta R.T.: -0.001 min  
Response: 5855897  
Conc: 3.23 ng/ml



#10 gamma-Chlordane

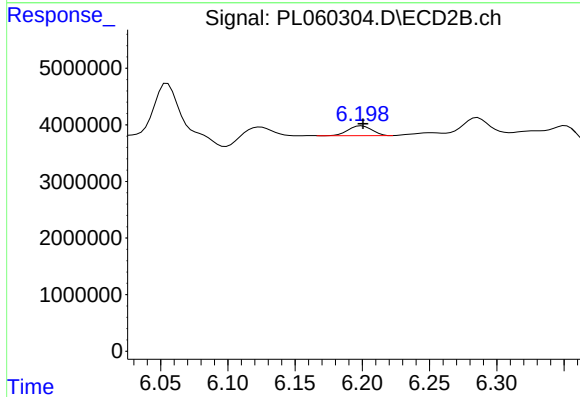
R.T.: 6.124 min  
Delta R.T.: -0.003 min  
Response: 4168251  
Conc: 1.46 ng/ml



#11 alpha-Chlordane

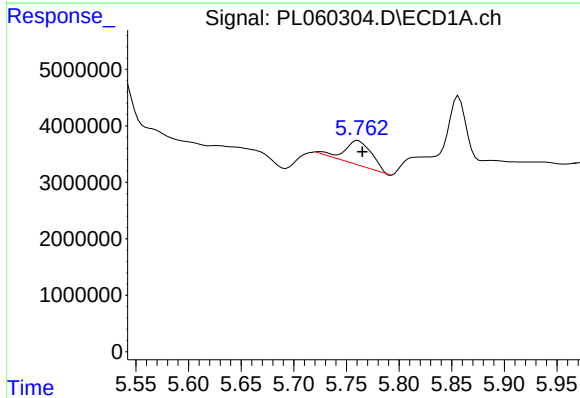
R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 18552153  
Conc: 10.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



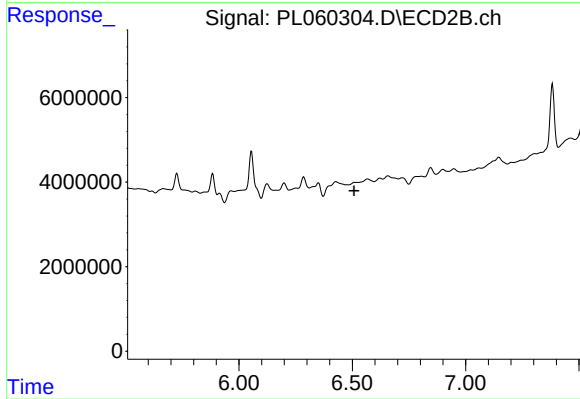
#11 alpha-Chlordane

R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 2135002  
Conc: 0.75 ng/ml



#13 Dieldrin

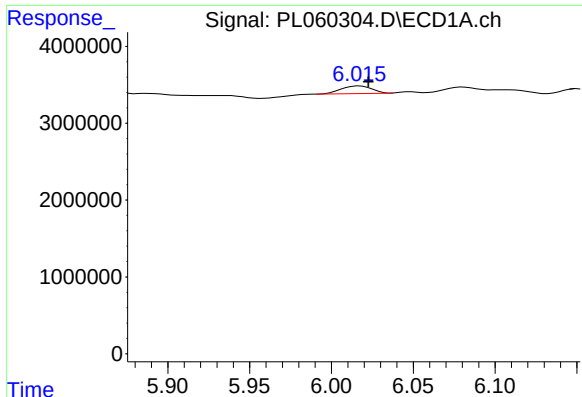
R.T.: 5.761 min  
Delta R.T.: -0.004 min  
Response: 7816126  
Conc: 4.43 ng/ml



#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 6.508 min  
Response: 0  
Conc: N.D.

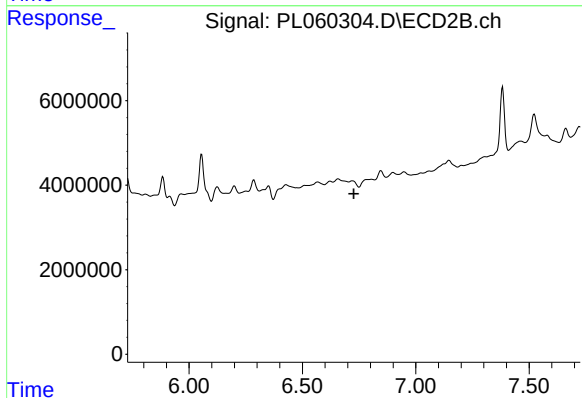




#14 Endrin

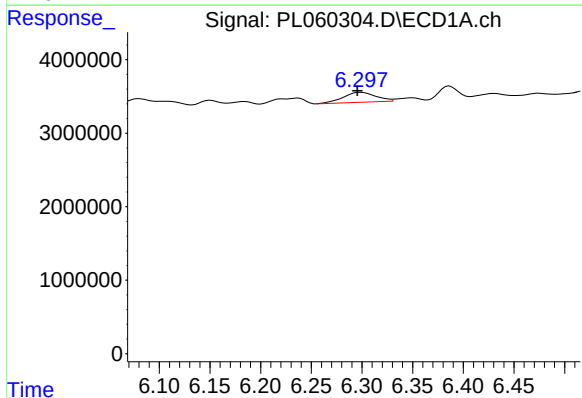
R.T.: 6.017 min  
Delta R.T.: -0.005 min  
Response: 1293309  
Conc: 0.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



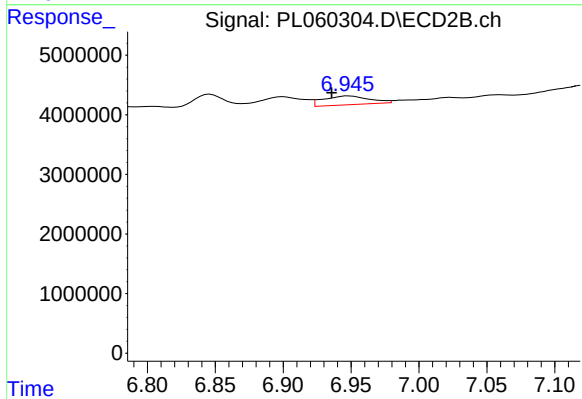
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.727 min  
Response: 0  
Conc: N.D.



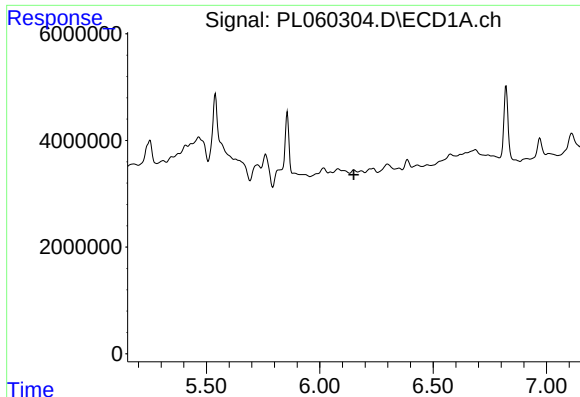
#15 Endosulfan II

R.T.: 6.298 min  
Delta R.T.: 0.003 min  
Response: 3043546  
Conc: 1.82 ng/ml



#15 Endosulfan II

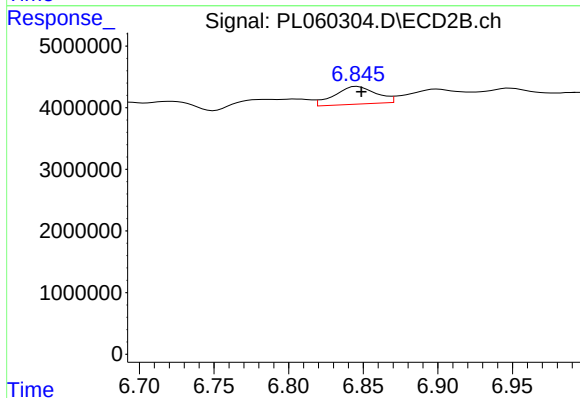
R.T.: 6.948 min  
Delta R.T.: 0.013 min  
Response: 3433115  
Conc: 1.37 ng/ml



#16 4,4'-DDD

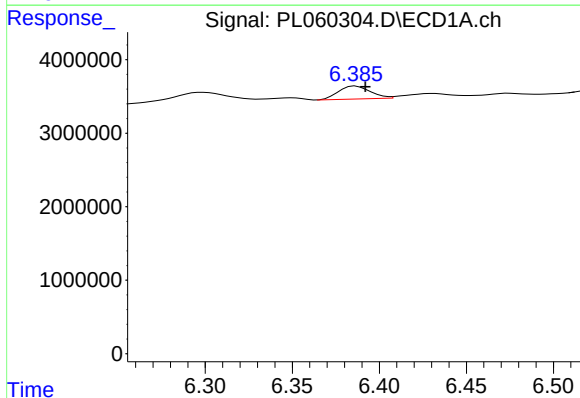
R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: -54042  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



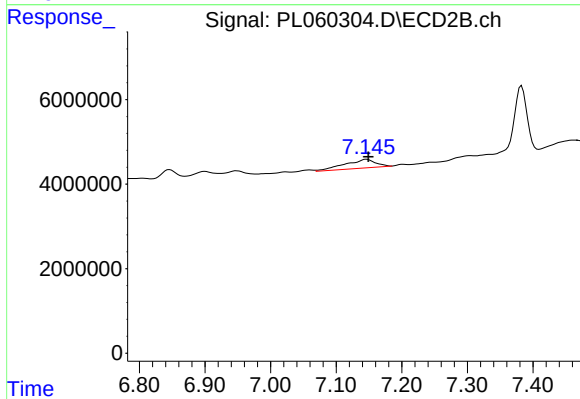
#16 4,4'-DDD

R.T.: 6.846 min  
Delta R.T.: -0.003 min  
Response: 5566716  
Conc: 2.43 ng/ml



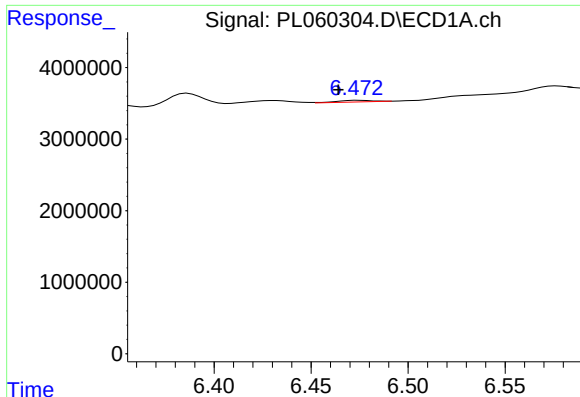
#17 4,4'-DDT

R.T.: 6.386 min  
Delta R.T.: -0.006 min  
Response: 2241318  
Conc: 1.72 ng/ml



#17 4,4'-DDT

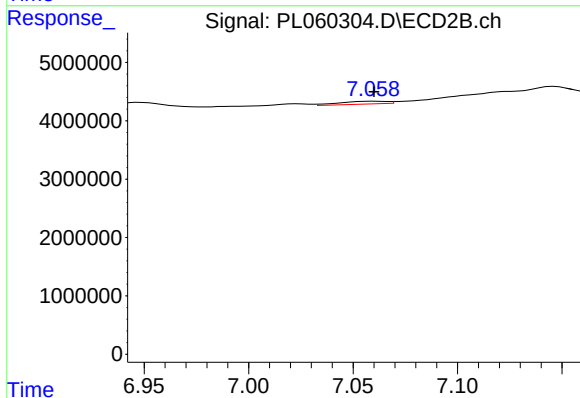
R.T.: 7.147 min  
Delta R.T.: -0.002 min  
Response: 6733910  
Conc: 3.42 ng/ml



#18 Endrin aldehyde

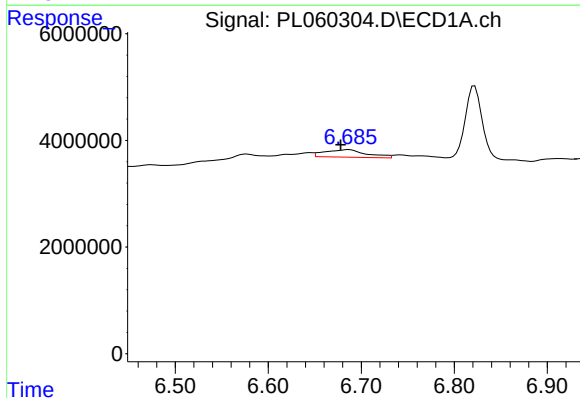
R.T.: 6.474 min  
Delta R.T.: 0.010 min  
Response: 296918  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



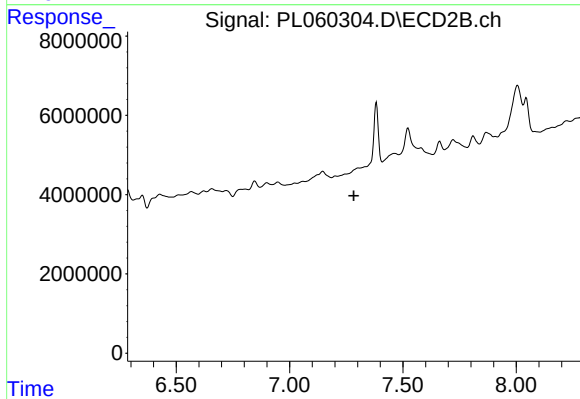
#18 Endrin aldehyde

R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 750443  
Conc: 0.35 ng/ml



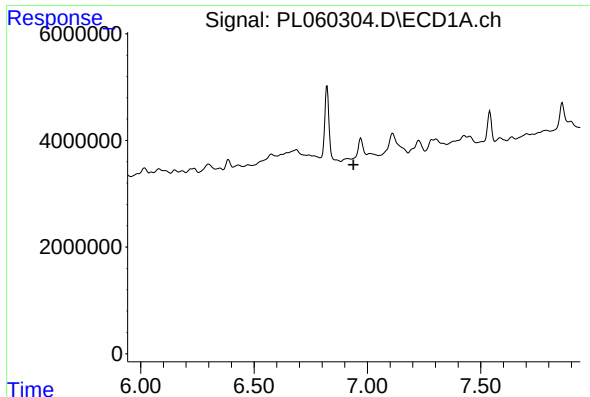
#19 Endosulfan Sulfate

R.T.: 6.687 min  
Delta R.T.: 0.009 min  
Response: 4379875  
Conc: 2.66 ng/ml



#19 Endosulfan Sulfate

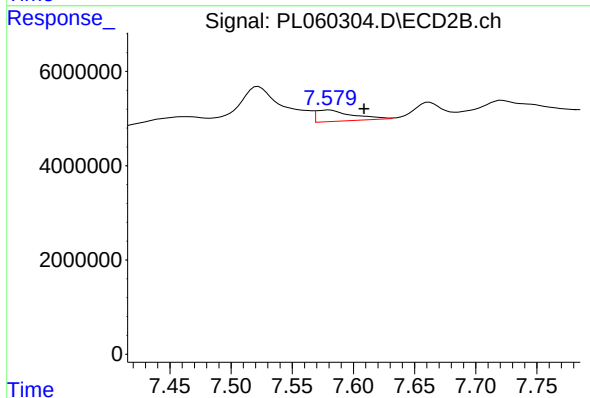
R.T.: 0.000 min  
Exp R.T.: 7.284 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

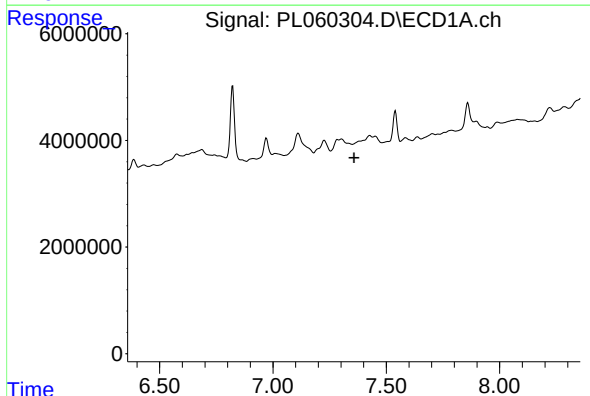
R.T.: 0.000 min  
Exp R.T.: 6.939 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



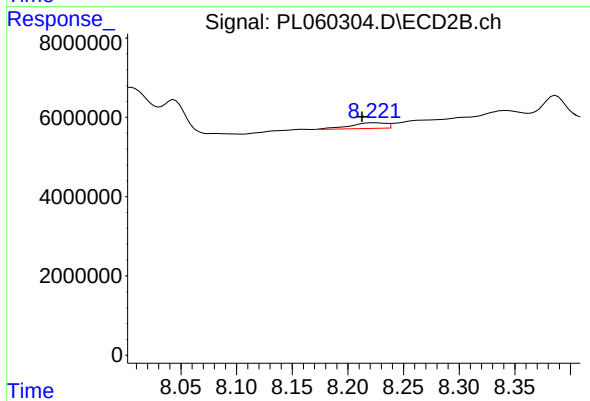
#20 Methoxychlor

R.T.: 7.580 min  
Delta R.T.: -0.028 min  
Response: 4917820  
Conc: 4.33 ng/ml



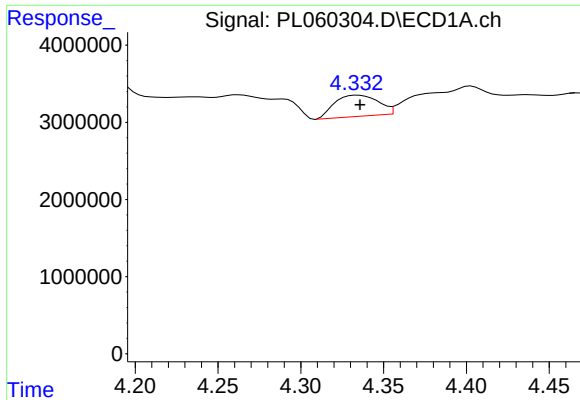
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 7.359 min  
Response: 0  
Conc: N.D.



#22 Mirex

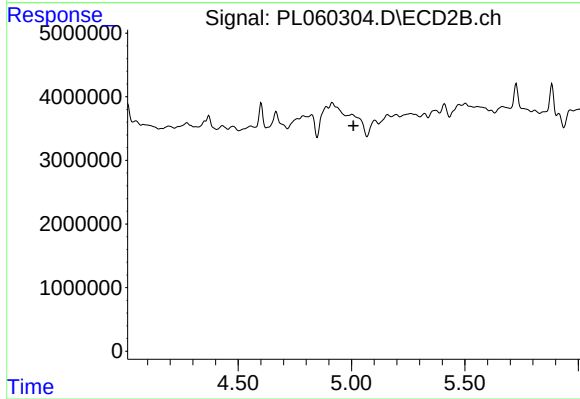
R.T.: 8.224 min  
Delta R.T.: 0.011 min  
Response: 3241548  
Conc: 1.75 ng/ml



#23 Chlordane-1

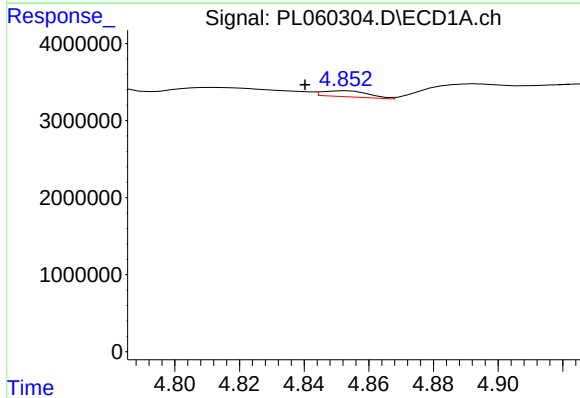
R.T.: 4.335 min  
Delta R.T.: -0.001 min  
Response: 5029822  
Conc: 82.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



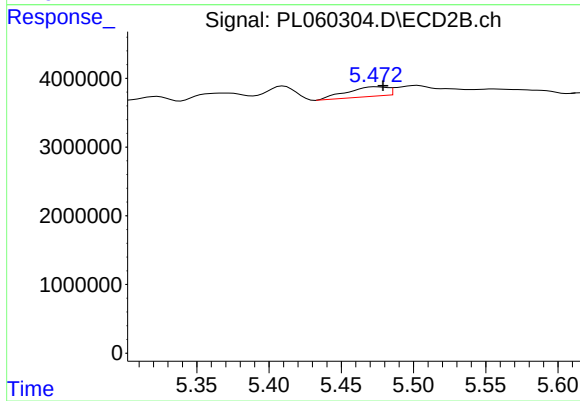
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.009 min  
Response: 0  
Conc: N.D.



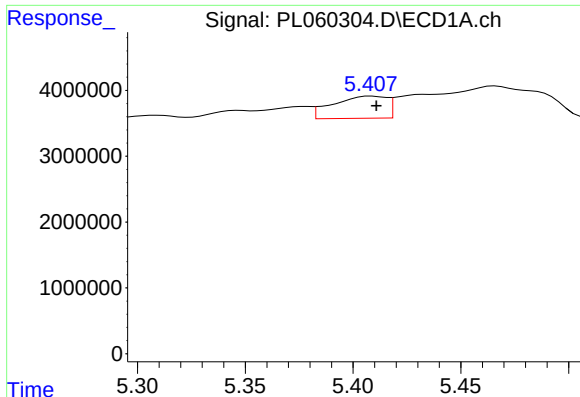
#24 Chlordane-2

R.T.: 4.853 min  
Delta R.T.: 0.013 min  
Response: 784494  
Conc: 12.39 ng/ml



#24 Chlordane-2

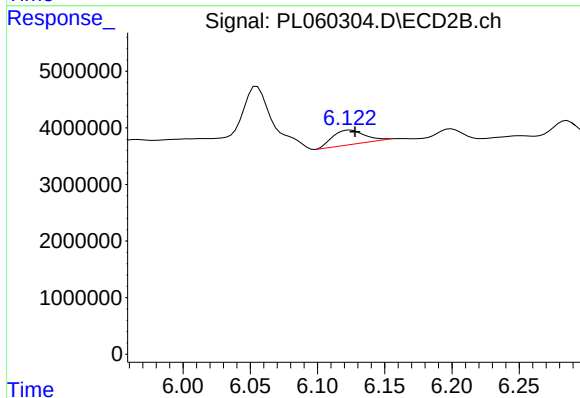
R.T.: 5.474 min  
Delta R.T.: -0.005 min  
Response: 2762953  
Conc: 24.11 ng/ml



#25 Chlordane-3

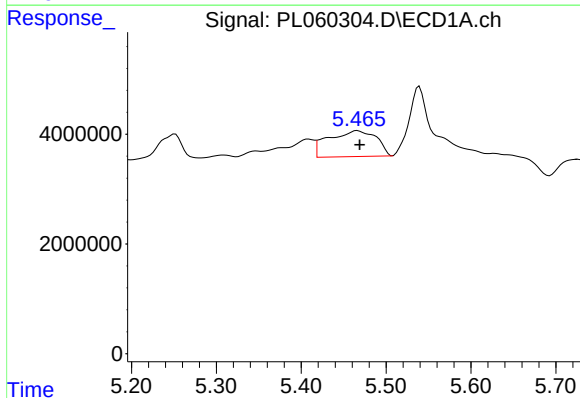
R.T.: 5.409 min  
Delta R.T.: -0.002 min  
Response: 5855897  
Conc: 34.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



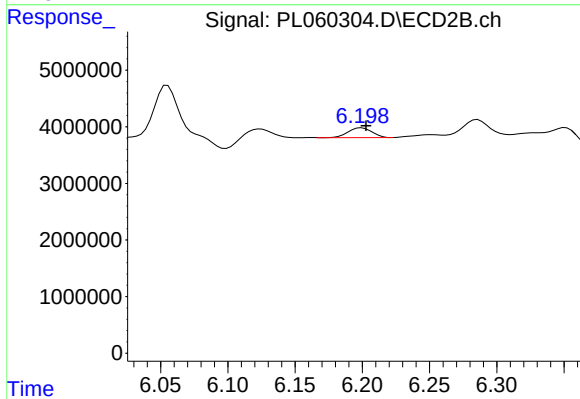
#25 Chlordane-3

R.T.: 6.124 min  
Delta R.T.: -0.003 min  
Response: 4168251  
Conc: 10.77 ng/ml



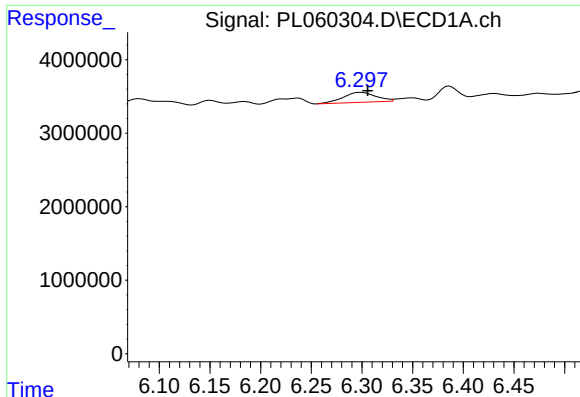
#26 Chlordane-4

R.T.: 5.466 min  
Delta R.T.: -0.003 min  
Response: 18552153  
Conc: 132.97 ng/ml



#26 Chlordane-4

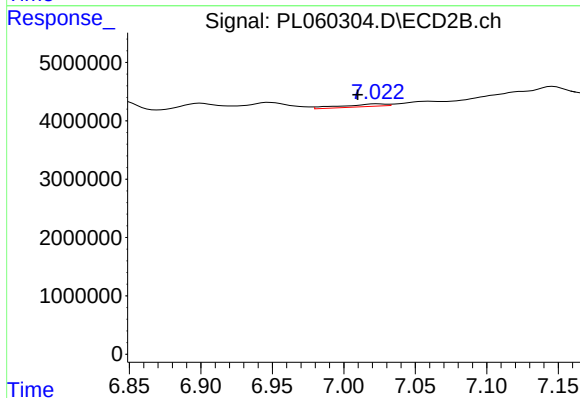
R.T.: 6.200 min  
Delta R.T.: -0.003 min  
Response: 2135002  
Conc: 4.61 ng/ml



#27 Chlordane-5

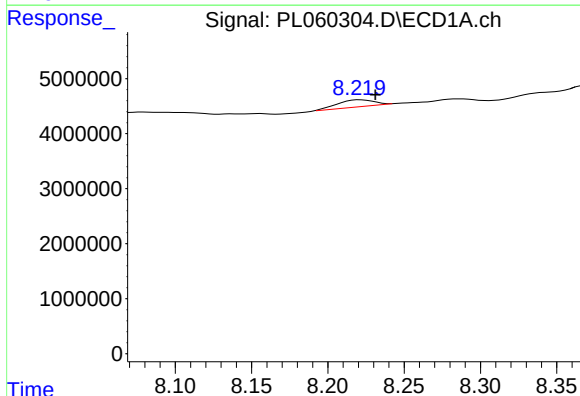
R.T.: 6.298 min  
Delta R.T.: -0.007 min  
Response: 3043546  
Conc: 53.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



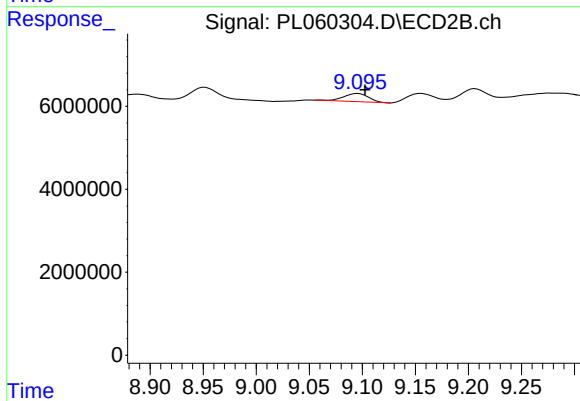
#27 Chlordane-5

R.T.: 7.023 min  
Delta R.T.: 0.014 min  
Response: 981258  
Conc: 12.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.221 min  
Delta R.T.: -0.010 min  
Response: 2097614  
Conc: 1.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.096 min  
Delta R.T.: -0.007 min  
Response: 3250515  
Conc: 1.55 ng/ml