

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030923\  
 Data File : PL081361.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Mar 2023 15:17  
 Operator : AR\AJ  
 Sample : 01834-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 09 20:22:00 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 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... | 3.336  | 2.662  | 35016145 | 32072268 | 16.207 | 15.847   |
| 2)                          | SA Decachlor... | 8.759  | 7.787  | 24877634 | 27157733 | 16.318 | 14.178   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.121  | 3.510  | 372657   | 116722   | 0.126  | 0.042 #  |
| 4)                          | MA Heptachlor   | 4.693  | 3.827  | 163431   | 4550095  | 0.059  | 1.649 #  |
| 5)                          | MB Aldrin       | 5.007f | 4.121  | 6677232  | 1487887  | 2.625  | 0.568 #  |
| 6)                          | B beta-BHC      | 4.328  | 0.000  | 1865197  | 0        | 1.355  | N.D. #   |
| 7)                          | B delta-BHC     | 4.572  | 4.023  | 1761903  | 1786457  | 0.634  | 0.701    |
| 8)                          | B Heptachlo...  | 5.451  | 4.641f | 2919237  | -344836  | 1.237  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.711  | 4.855  | 15562181 | 10291535 | 6.820  | 4.204 #  |
| 11)                         | B alpha-Chl...  | 5.792  | 4.917  | 18415663 | 15530603 | 8.174  | 6.343    |
| 12)                         | B 4,4'-DDE      | 5.970  | 5.109  | -353968  | 2511458  | N.D.   | 1.279    |
| 13)                         | MA Dieldrin     | 6.115  | 5.243  | 413181   | 4467222  | 0.197  | 1.982 #  |
| 14)                         | MA Endrin       | 6.343  | 5.522  | 1719746  | -890085  | 0.946  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.547f | 5.804  | 1488100  | 2561313  | 0.854  | 1.389 #  |
| 16)                         | A 4,4'-DDD      | 6.490  | 0.000  | 1298506  | 0        | 0.844  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.907  | 0        | 3070789  | N.D.   | 1.914 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.005  | 0        | 518876   | N.D.   | 0.342 #  |
| 19)                         | B Endosulfa...  | 6.905f | 6.206  | 405246   | 1092405  | 0.226  | 0.568 #  |
| 21)                         | B Endrin ke...  | 7.383f | 6.711  | 1061133  | 51055    | 0.585  | 0.024 #  |
| 23)                         | Chlordane-1     | 4.478  | 3.652  | 3820509  | 2766927  | 39.907 | 33.556   |
| 24)                         | Chlordane-2     | 5.007  | 4.227  | 6677232  | 6881735  | 66.719 | 67.225   |
| 25)                         | Chlordane-3     | 5.711  | 4.855  | 15562181 | 10291535 | 42.545 | 38.080   |
| 26)                         | Chlordane-4     | 5.792  | 4.917  | 18415663 | 15530603 | 41.898 | 55.301 # |
| 27)                         | Chlordane-5     | 6.611f | 5.582  | 1277933  | 2381503  | 16.957 | 34.472 # |
| -----                       |                 |        |        |          |          |        |          |

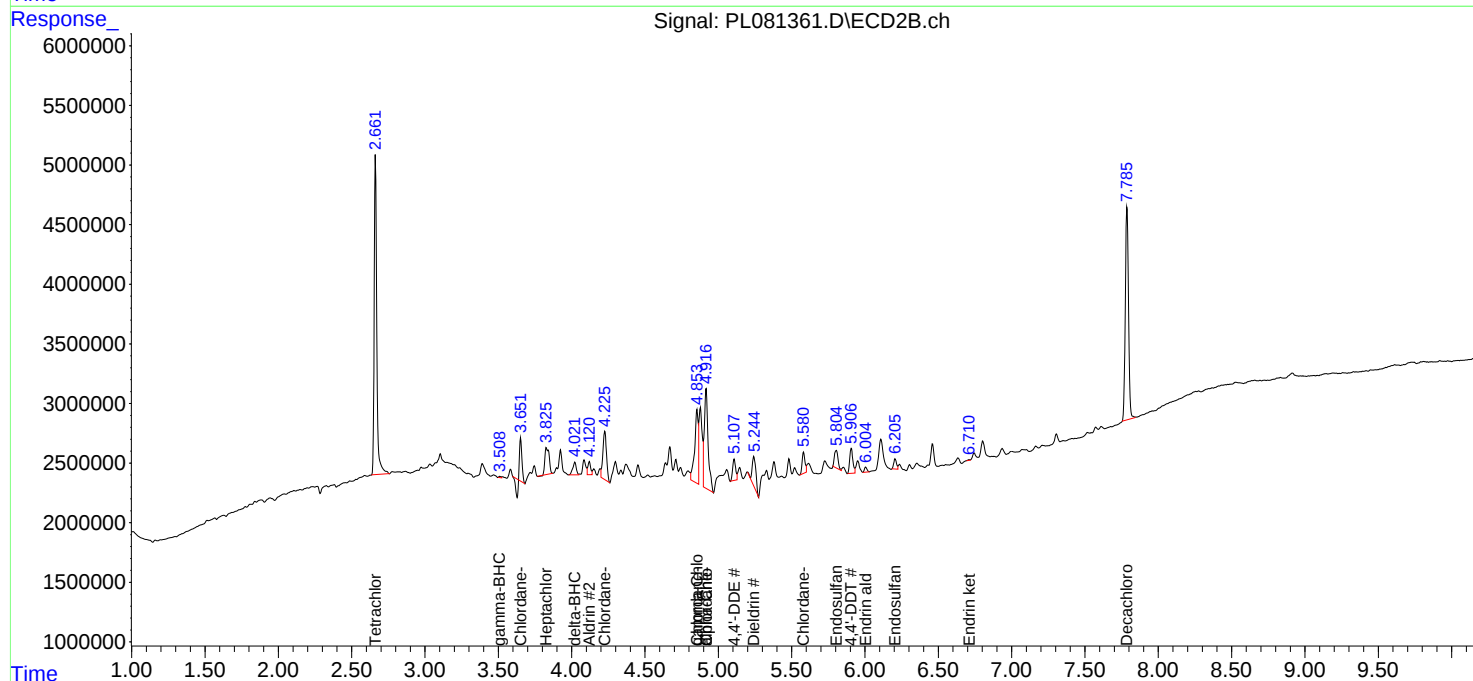
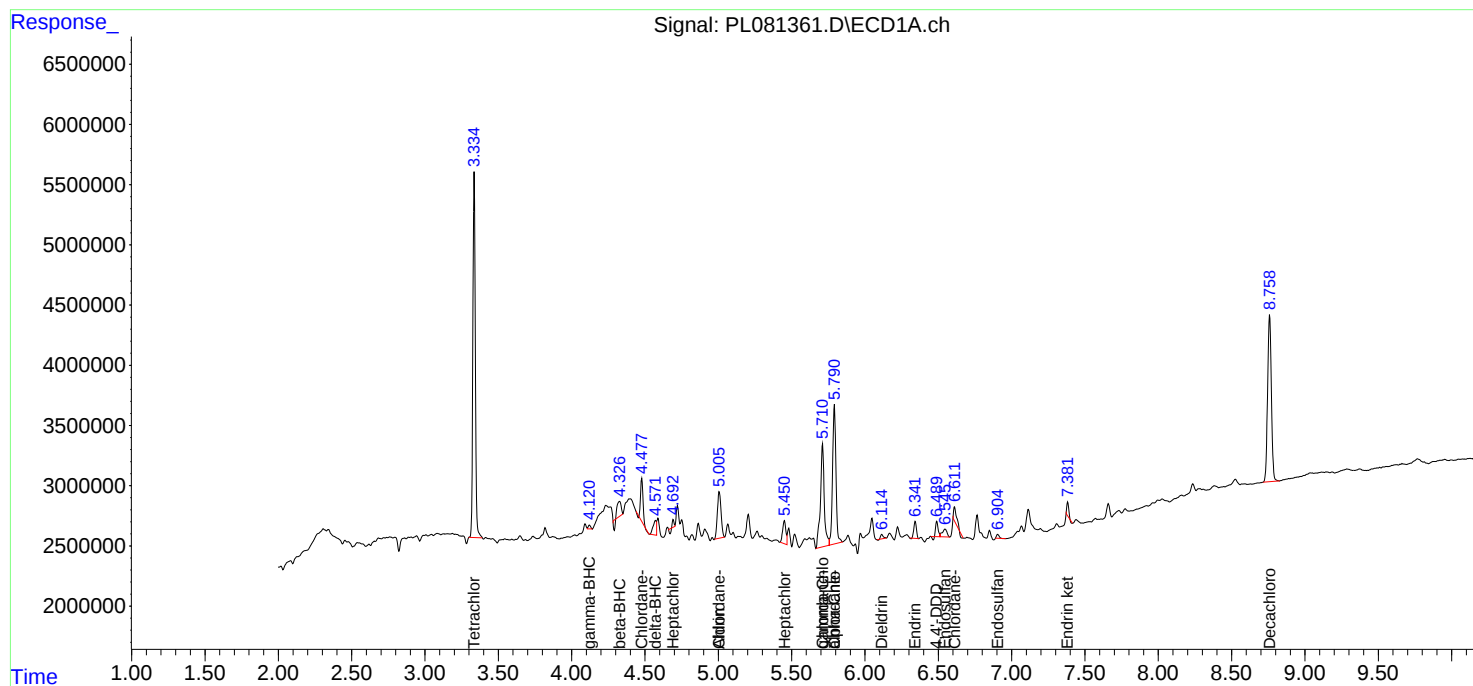
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

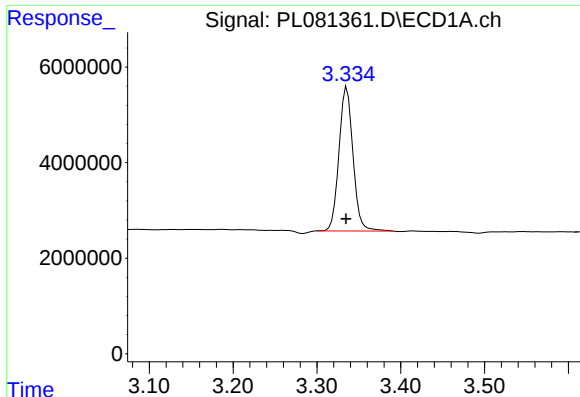
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030923\  
Data File : PL081361.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Mar 2023 15:17  
Operator : AR\AJ  
Sample : 01834-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 09 20:22:00 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 03 01:48:45 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

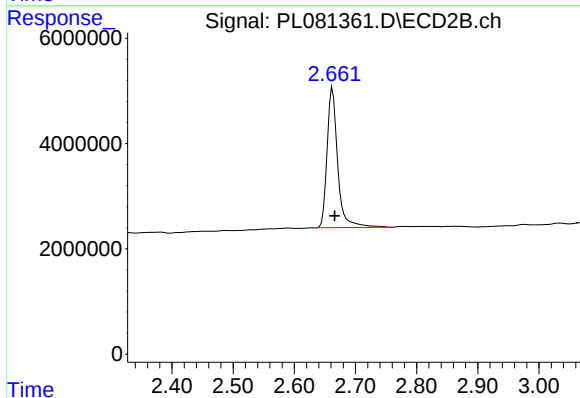




#1 Tetrachloro-m-xylene

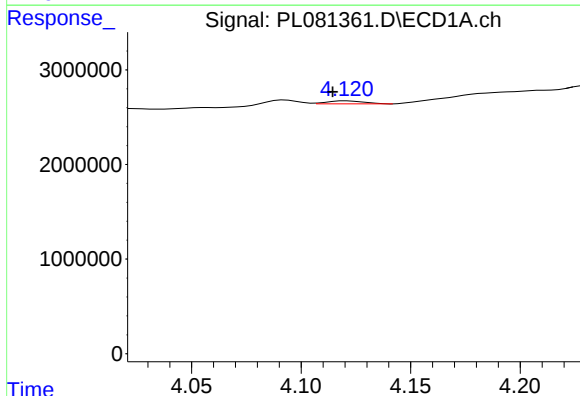
R.T.: 3.336 min  
Delta R.T.: 0.000 min  
Response: 35016145  
Conc: 16.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



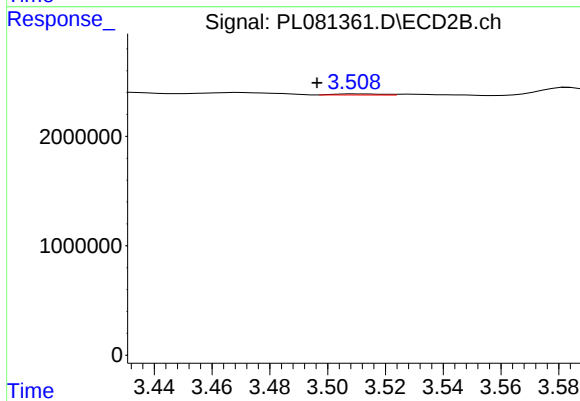
#1 Tetrachloro-m-xylene

R.T.: 2.662 min  
Delta R.T.: -0.004 min  
Response: 32072268  
Conc: 15.85 ng/ml



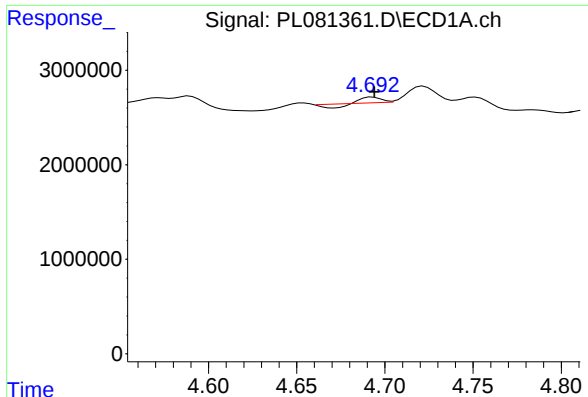
#3 gamma-BHC (Lindane)

R.T.: 4.121 min  
Delta R.T.: 0.007 min  
Response: 372657  
Conc: 0.13 ng/ml



#3 gamma-BHC (Lindane)

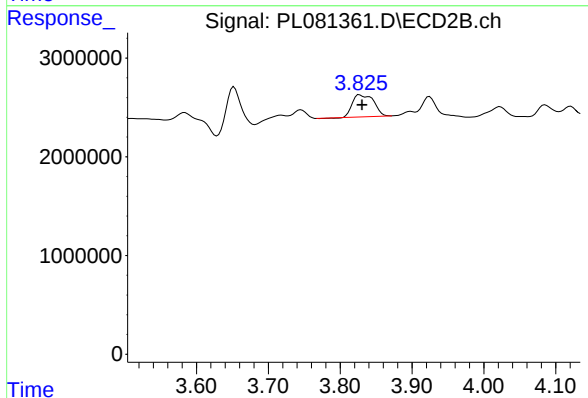
R.T.: 3.510 min  
Delta R.T.: 0.014 min  
Response: 116722  
Conc: 0.04 ng/ml



#4 Heptachlor

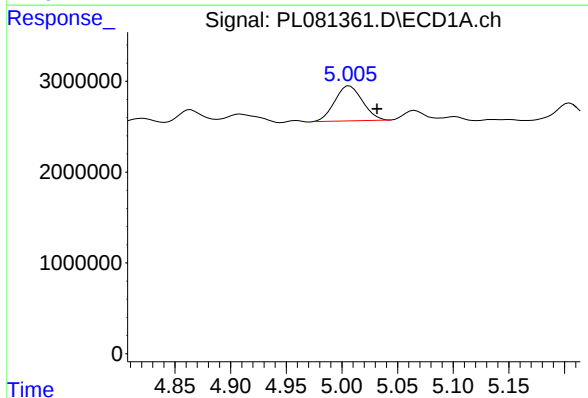
R.T.: 4.693 min  
Delta R.T.: -0.001 min  
Response: 163431  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



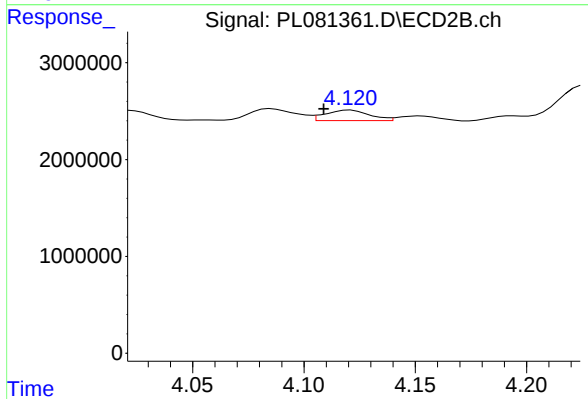
#4 Heptachlor

R.T.: 3.827 min  
Delta R.T.: -0.004 min  
Response: 4550095  
Conc: 1.65 ng/ml



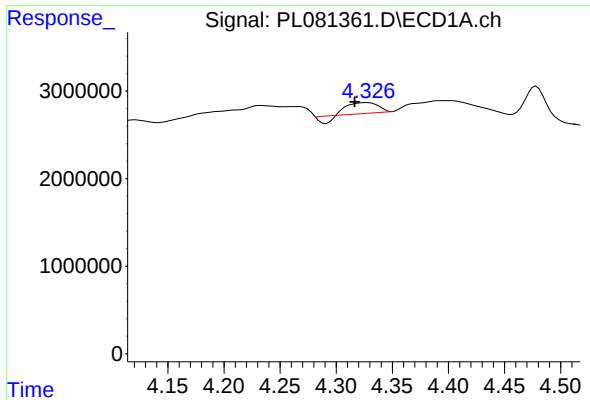
#5 Aldrin

R.T.: 5.007 min  
Delta R.T.: -0.025 min  
Response: 6677232  
Conc: 2.62 ng/ml



#5 Aldrin

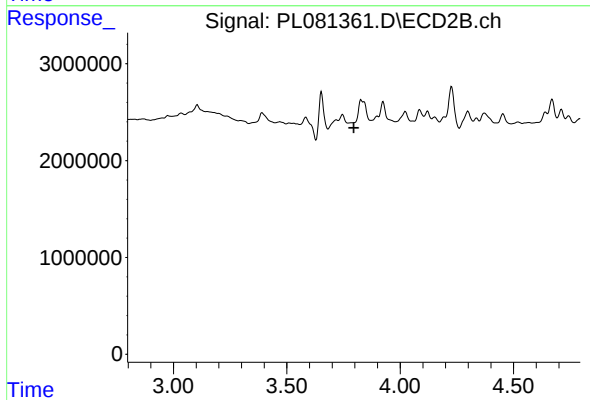
R.T.: 4.121 min  
Delta R.T.: 0.012 min  
Response: 1487887  
Conc: 0.57 ng/ml



#6 beta-BHC

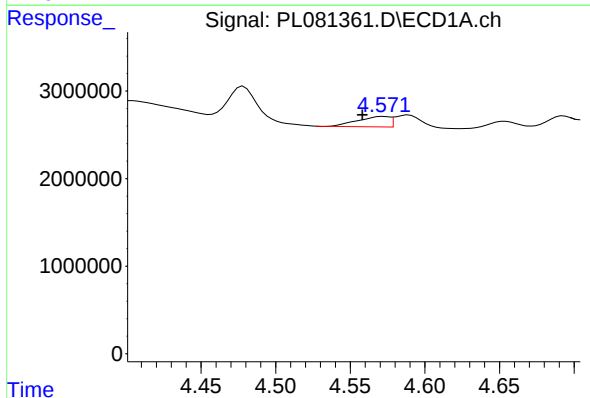
R.T.: 4.328 min  
Delta R.T.: 0.011 min  
Response: 1865197  
Conc: 1.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



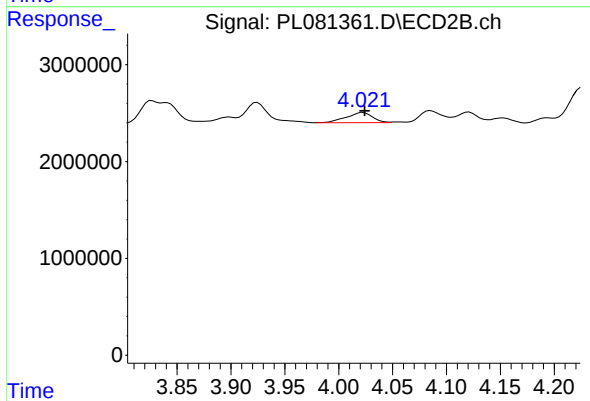
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 3.795 min  
Response: 0  
Conc: N.D.



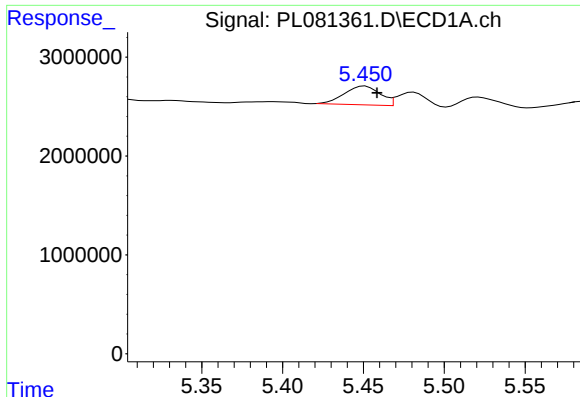
#7 delta-BHC

R.T.: 4.572 min  
Delta R.T.: 0.014 min  
Response: 1761903  
Conc: 0.63 ng/ml



#7 delta-BHC

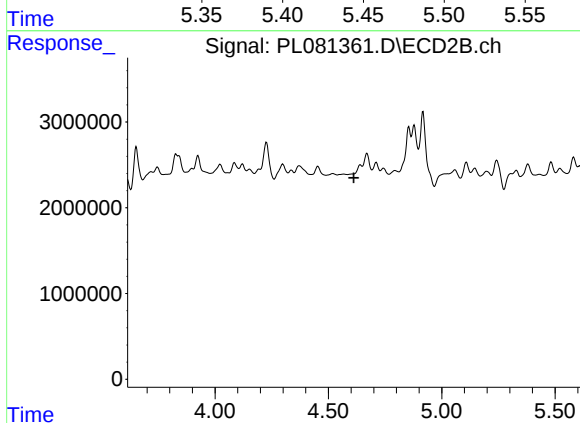
R.T.: 4.023 min  
Delta R.T.: -0.001 min  
Response: 1786457  
Conc: 0.70 ng/ml



#8 Heptachlor epoxide

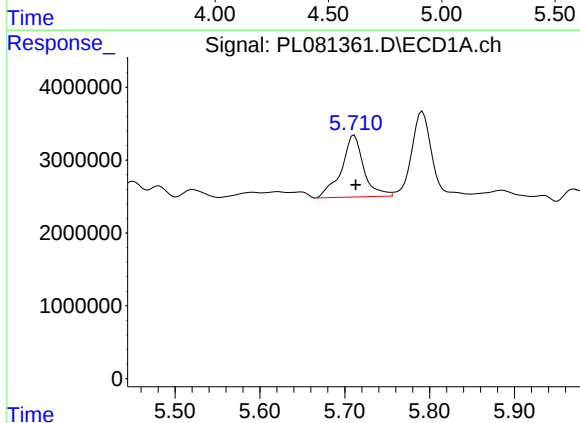
R.T.: 5.451 min  
Delta R.T.: -0.007 min  
Response: 2919237  
Conc: 1.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



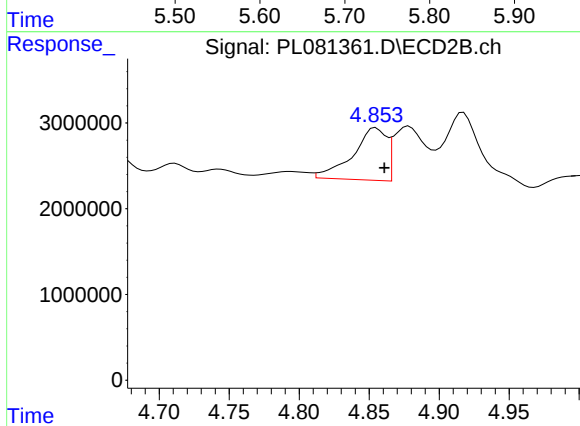
#8 Heptachlor epoxide

R.T.: 4.641 min  
Delta R.T.: 0.029 min  
Response: -344836  
Conc: N.D.



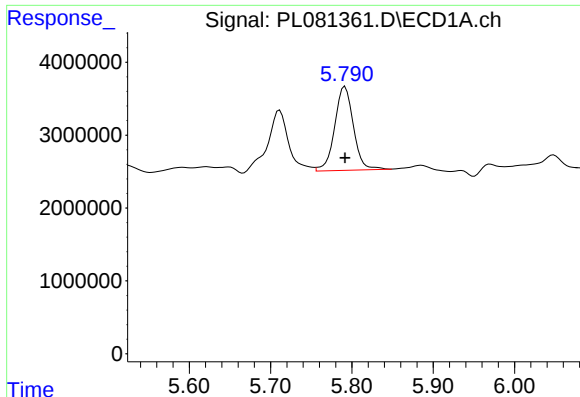
#10 gamma-Chlordane

R.T.: 5.711 min  
Delta R.T.: -0.002 min  
Response: 15562181  
Conc: 6.82 ng/ml



#10 gamma-Chlordane

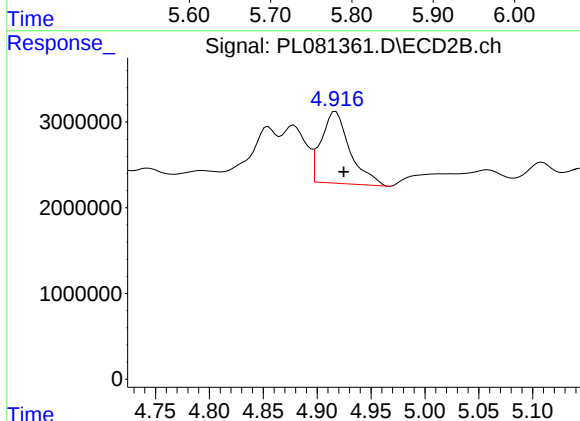
R.T.: 4.855 min  
Delta R.T.: -0.006 min  
Response: 10291535  
Conc: 4.20 ng/ml



#11 alpha-Chlordane

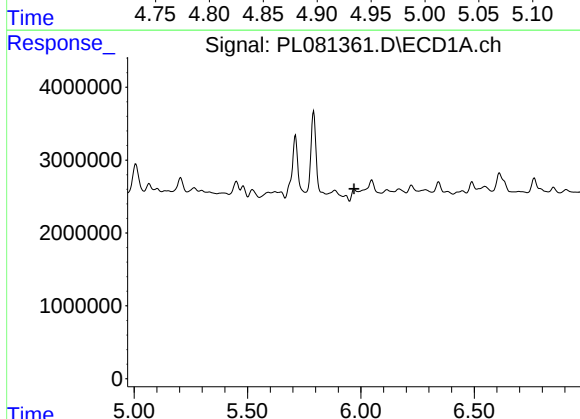
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 18415663  
Conc: 8.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



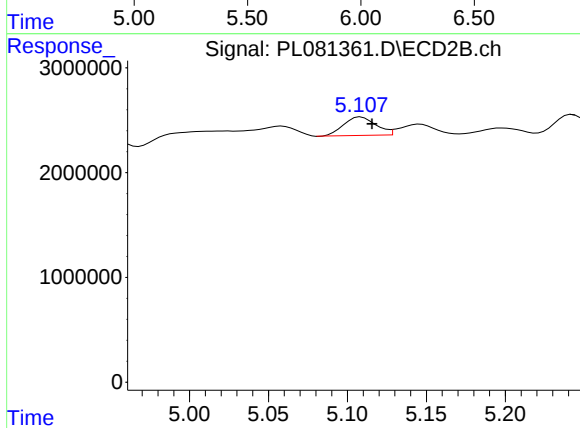
#11 alpha-Chlordane

R.T.: 4.917 min  
Delta R.T.: -0.007 min  
Response: 15530603  
Conc: 6.34 ng/ml



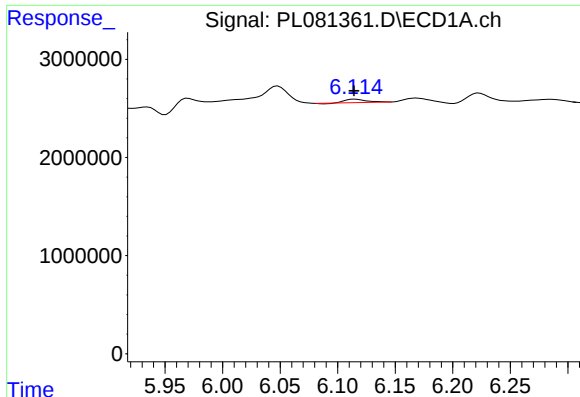
#12 4,4'-DDE

R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: -353968  
Conc: N.D.



#12 4,4'-DDE

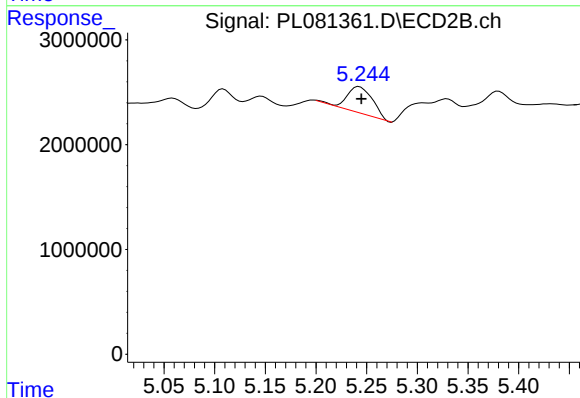
R.T.: 5.109 min  
Delta R.T.: -0.007 min  
Response: 2511458  
Conc: 1.28 ng/ml



#13 Dieldrin

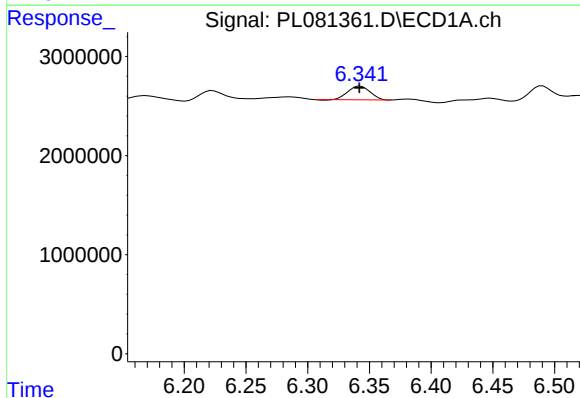
R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 413181  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



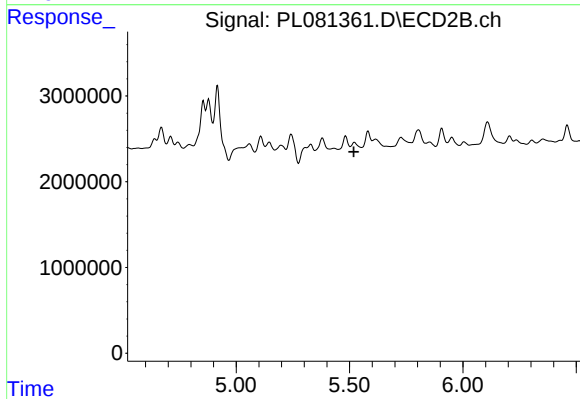
#13 Dieldrin

R.T.: 5.243 min  
Delta R.T.: -0.002 min  
Response: 4467222  
Conc: 1.98 ng/ml



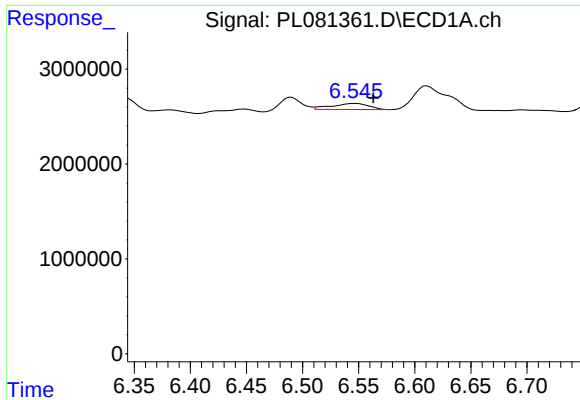
#14 Endrin

R.T.: 6.343 min  
Delta R.T.: 0.000 min  
Response: 1719746  
Conc: 0.95 ng/ml



#14 Endrin

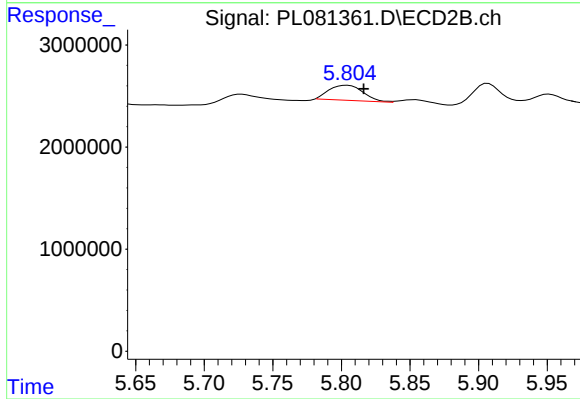
R.T.: 5.522 min  
Delta R.T.: 0.002 min  
Response: -890085  
Conc: N.D.



#15 Endosulfan II

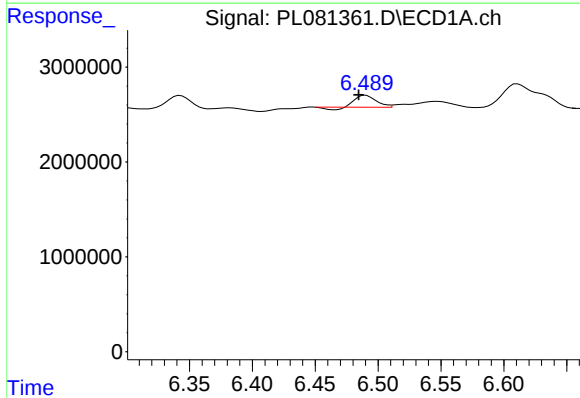
R.T.: 6.547 min  
Delta R.T.: -0.016 min  
Response: 1488100  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



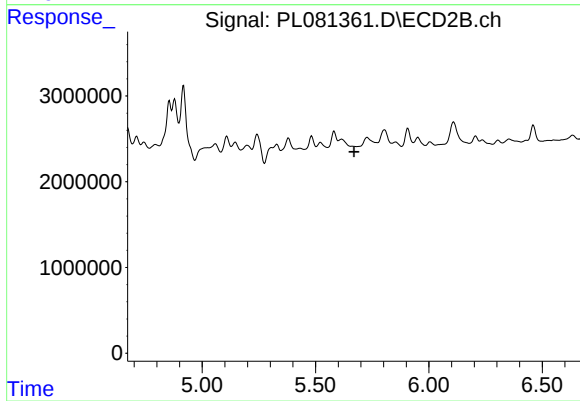
#15 Endosulfan II

R.T.: 5.804 min  
Delta R.T.: -0.012 min  
Response: 2561313  
Conc: 1.39 ng/ml



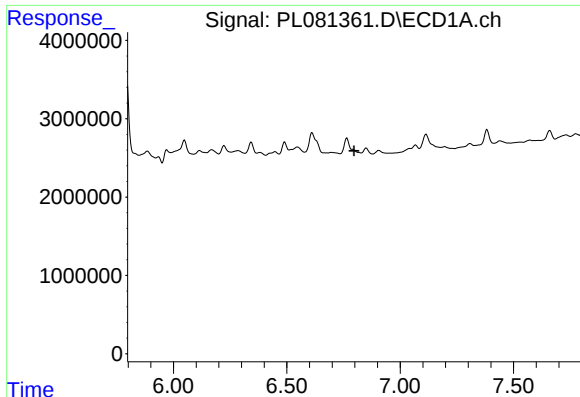
#16 4,4'-DDD

R.T.: 6.490 min  
Delta R.T.: 0.006 min  
Response: 1298506  
Conc: 0.84 ng/ml



#16 4,4'-DDD

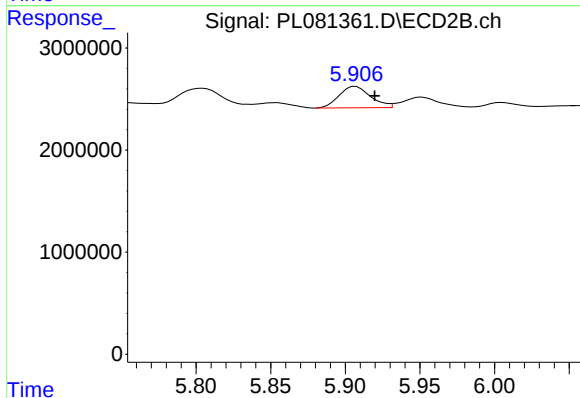
R.T.: 0.000 min  
Exp R.T.: 5.671 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

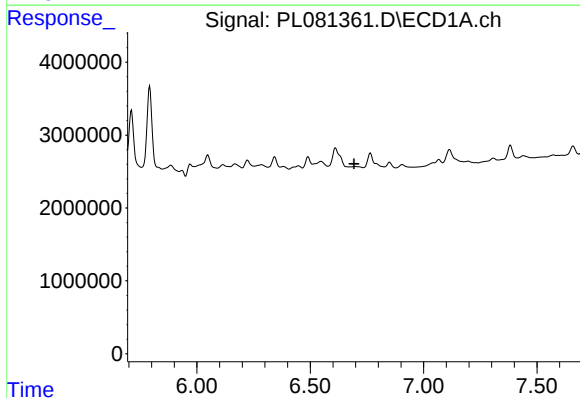
R.T.: 0.000 min  
Exp R.T.: 6.797 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



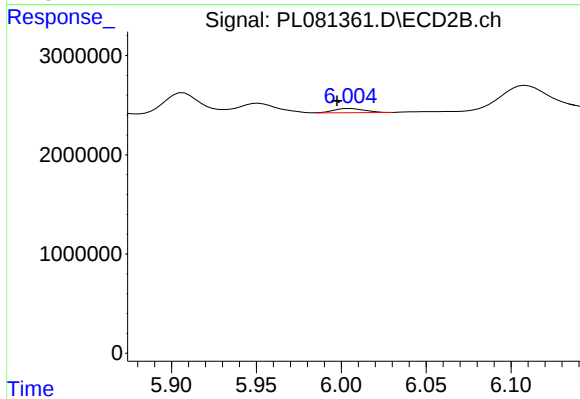
#17 4,4'-DDT

R.T.: 5.907 min  
Delta R.T.: -0.013 min  
Response: 3070789  
Conc: 1.91 ng/ml



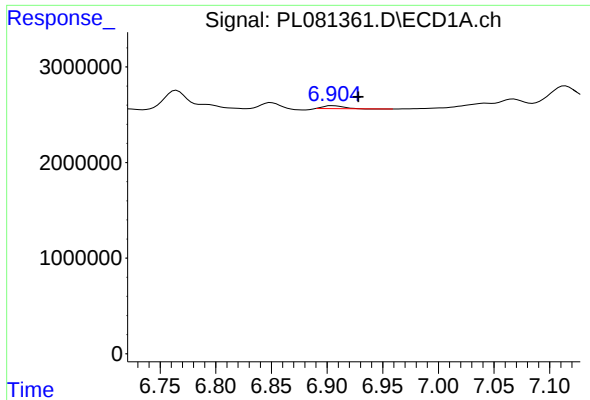
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.693 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

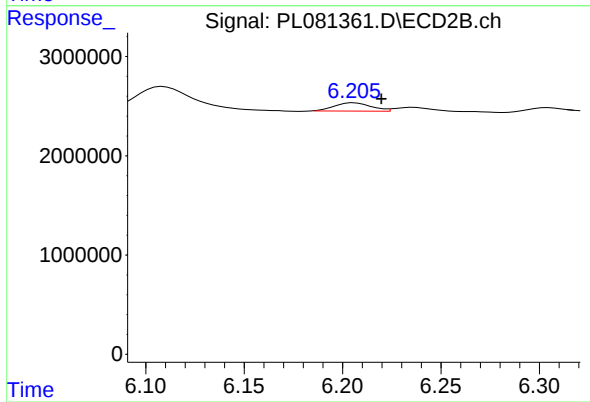
R.T.: 6.005 min  
Delta R.T.: 0.008 min  
Response: 518876  
Conc: 0.34 ng/ml



#19 Endosulfan Sulfate

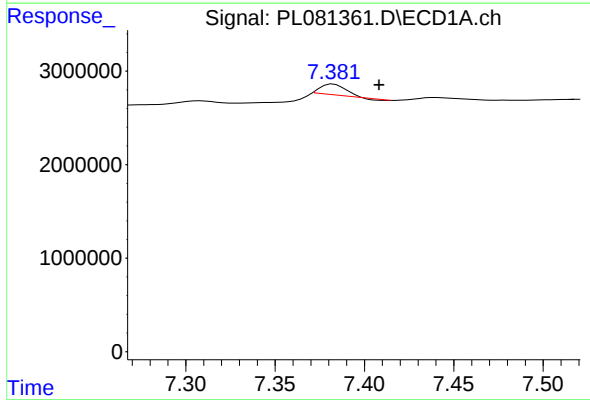
R.T.: 6.905 min  
Delta R.T.: -0.023 min  
Response: 405246  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



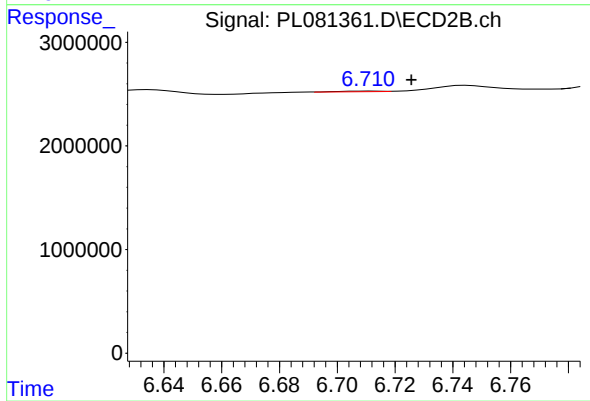
#19 Endosulfan Sulfate

R.T.: 6.206 min  
Delta R.T.: -0.014 min  
Response: 1092405  
Conc: 0.57 ng/ml



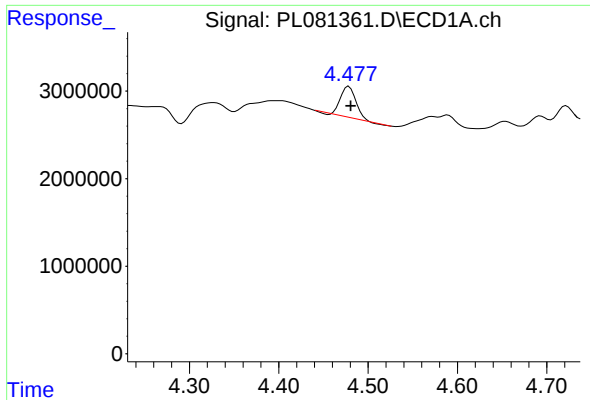
#21 Endrin ketone

R.T.: 7.383 min  
Delta R.T.: -0.025 min  
Response: 1061133  
Conc: 0.58 ng/ml



#21 Endrin ketone

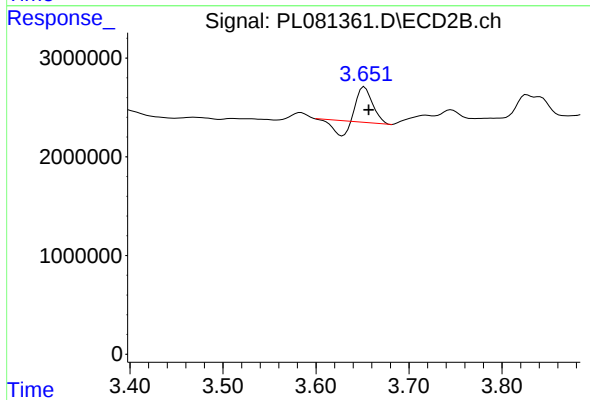
R.T.: 6.711 min  
Delta R.T.: -0.015 min  
Response: 51055  
Conc: 0.02 ng/ml



#23 Chlordane-1

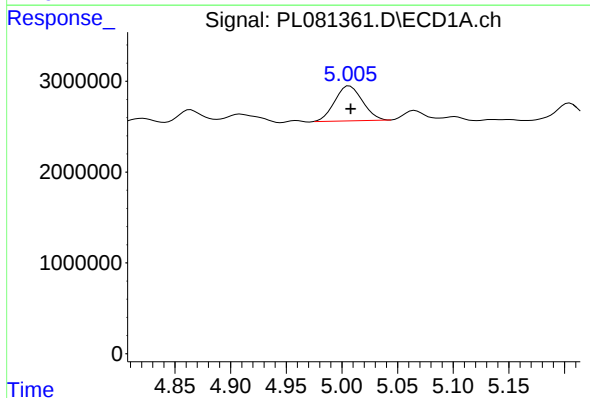
R.T.: 4.478 min  
Delta R.T.: -0.002 min  
Response: 3820509  
Conc: 39.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



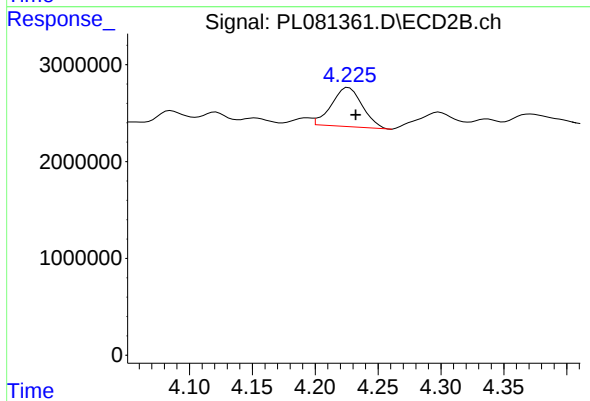
#23 Chlordane-1

R.T.: 3.652 min  
Delta R.T.: -0.004 min  
Response: 2766927  
Conc: 33.56 ng/ml



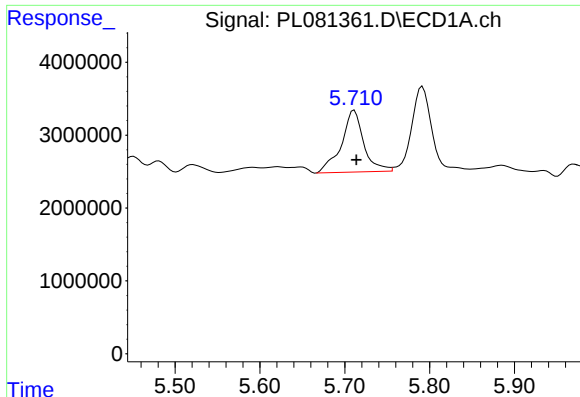
#24 Chlordane-2

R.T.: 5.007 min  
Delta R.T.: -0.001 min  
Response: 6677232  
Conc: 66.72 ng/ml



#24 Chlordane-2

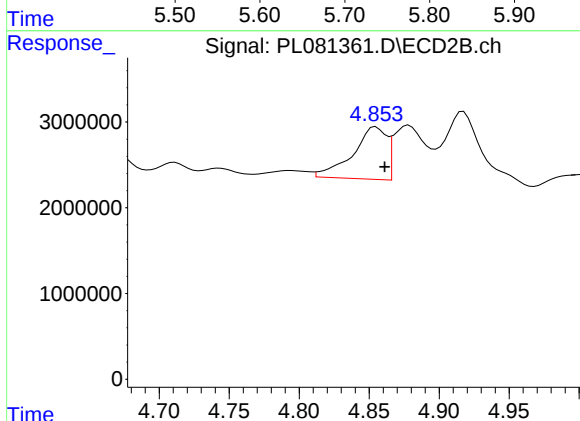
R.T.: 4.227 min  
Delta R.T.: -0.006 min  
Response: 6881735  
Conc: 67.22 ng/ml



#25 Chlordane-3

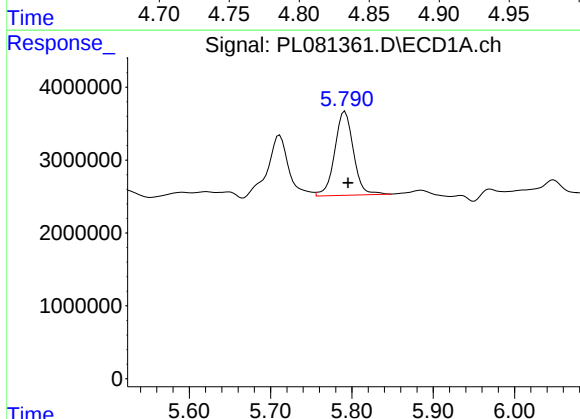
R.T.: 5.711 min  
Delta R.T.: -0.003 min  
Response: 15562181  
Conc: 42.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



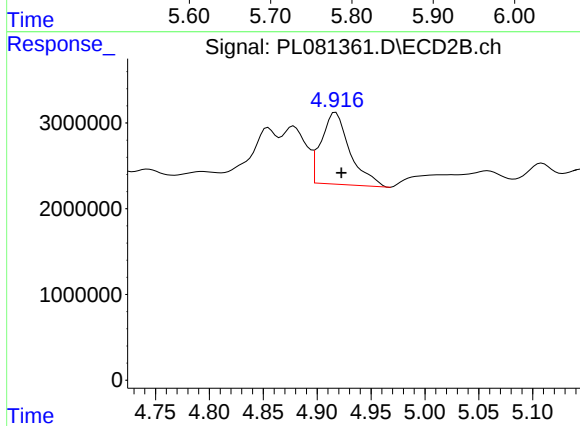
#25 Chlordane-3

R.T.: 4.855 min  
Delta R.T.: -0.006 min  
Response: 10291535  
Conc: 38.08 ng/ml



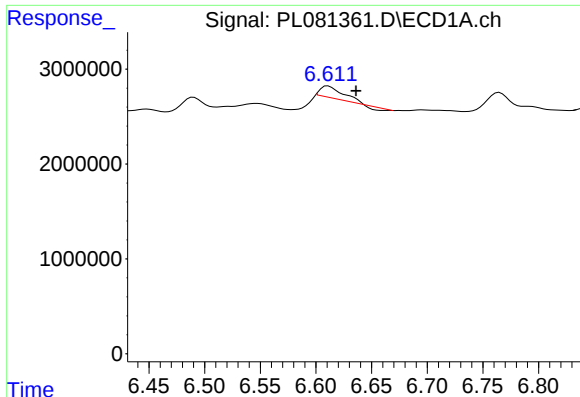
#26 Chlordane-4

R.T.: 5.792 min  
Delta R.T.: -0.004 min  
Response: 18415663  
Conc: 41.90 ng/ml



#26 Chlordane-4

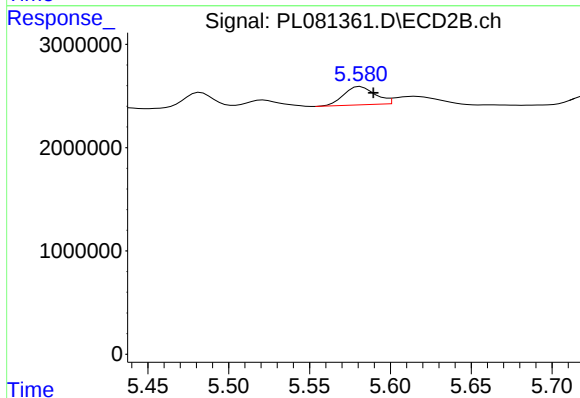
R.T.: 4.917 min  
Delta R.T.: -0.005 min  
Response: 15530603  
Conc: 55.30 ng/ml



#27 Chlordane-5

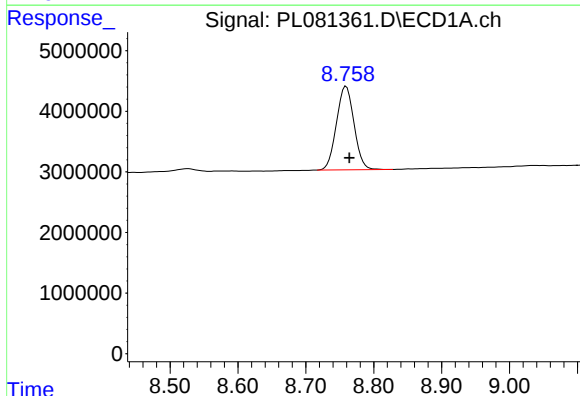
R.T.: 6.611 min  
Delta R.T.: -0.025 min  
Response: 1277933  
Conc: 16.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



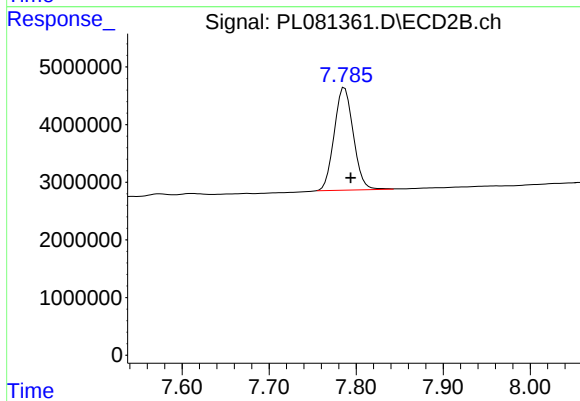
#27 Chlordane-5

R.T.: 5.582 min  
Delta R.T.: -0.008 min  
Response: 2381503  
Conc: 34.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.759 min  
Delta R.T.: -0.005 min  
Response: 24877634  
Conc: 16.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.787 min  
Delta R.T.: -0.007 min  
Response: 27157733  
Conc: 14.18 ng/ml