

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082819\  
 Data File : PL051896.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Aug 2019 15:55  
 Operator : SG\AJ  
 Sample : K4544-19  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 T16-17-E1-E4-(0-2.25)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 29 00:56:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 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... | 3.314  | 3.925  | 82638379 | 21147593 | 9.656  | 9.679    |
| 28)                         | SA Decachlor... | 7.973  | 8.953  | 185.2E6  | 43316531 | 15.262 | 14.231   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.336f | 0        | 2465278  | N.D.   | 0.765 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.403  | 0        | 600429   | N.D.   | 0.183 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.782  | 0        | 1337969  | N.D.   | 0.396 #  |
| 9)                          | A Endosulfan I  | 5.299  | 6.145  | 3359750  | 212717   | 0.250  | 0.066 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 5.994f | 0        | 4576423  | N.D.   | 1.253 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 6.094  | 0        | 1584267  | N.D.   | 0.459 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.253  | 0        | 935036   | N.D.   | 0.266 #  |
| 13)                         | MA Dieldrin     | 5.541  | 6.411  | 13550475 | 2272792  | 0.891  | 0.664 #  |
| 14)                         | MA Endrin       | 5.800  | 6.611  | 3566966  | 2067466  | 0.245  | 0.684 #  |
| 15)                         | B Endosulfa...  | 6.058  | 0.000  | 6170242  | 0        | 0.443  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.743  | 0        | 9458119  | N.D.   | 3.494 #  |
| 17)                         | MA 4,4'-DDT     | 6.159  | 7.065f | 55842835 | -3447443 | 4.379  | N.D. #   |
| 18)                         | B Endrin al...  | 6.259f | 6.964  | 26207650 | 1679368  | 2.253  | 0.594 #  |
| 19)                         | B Endosulfa...  | 6.439  | 0.000  | 12596759 | 0        | 0.968  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.687f | 0.000  | 54145809 | 0        | 7.986  | N.D. #   |
| 21)                         | B Endrin ke...  | 6.958f | 0.000  | 9627630  | 0        | 0.681  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 8.099  | 0        | 10432985 | N.D.   | 4.289 #  |
| 24)                         | Chlordane-2     | 4.676f | 5.403f | 2079955  | 600429   | 5.089  | 5.982    |
| 25)                         | Chlordane-3     | 0.000  | 5.994f | 0        | 4576423  | N.D.   | 10.272 # |
| 26)                         | Chlordane-4     | 0.000  | 6.094  | 0        | 1584267  | N.D.   | 2.917 #  |
| 27)                         | Chlordane-5     | 6.058f | 6.918f | 6170242  | 778908   | 12.574 | 7.901 #  |
| -----                       |                 |        |        |          |          |        |          |

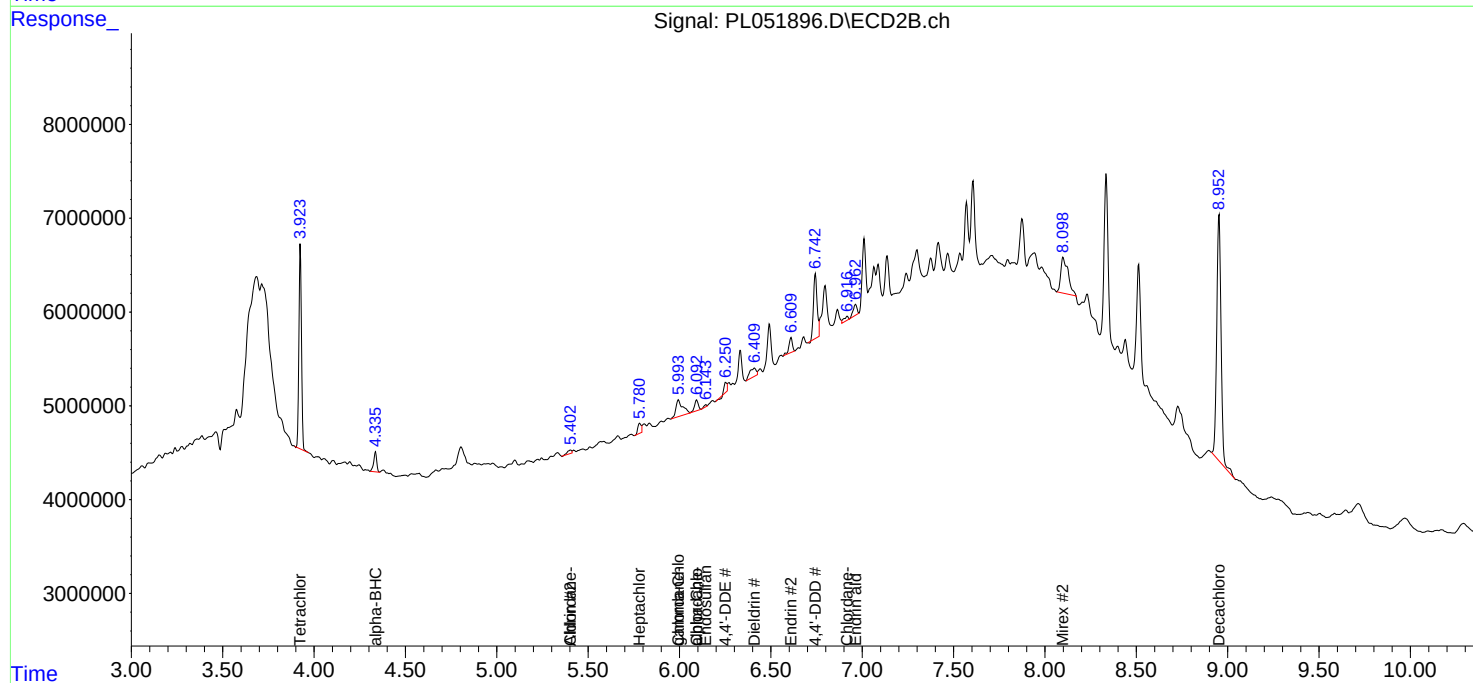
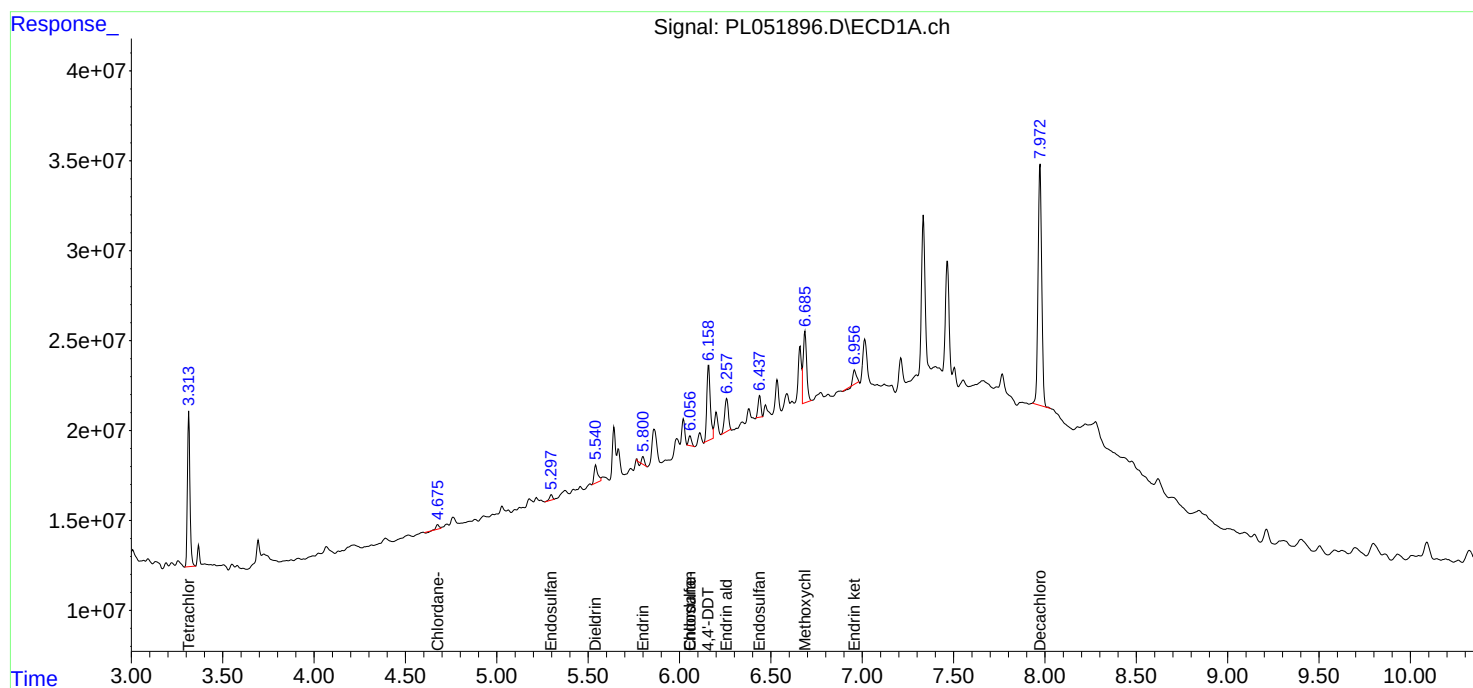
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

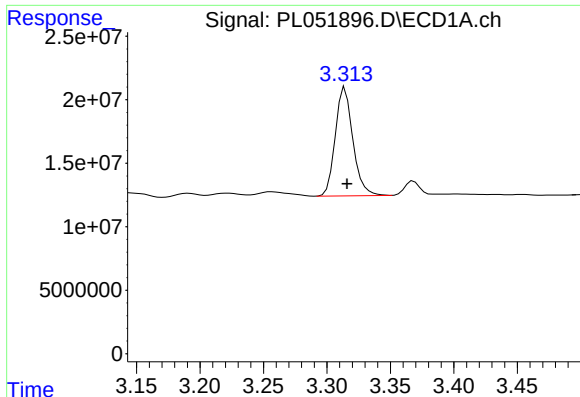
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082819\  
Data File : PL051896.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Aug 2019 15:55  
Operator : SG\AJ  
Sample : K4544-19  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 00:56:15 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 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

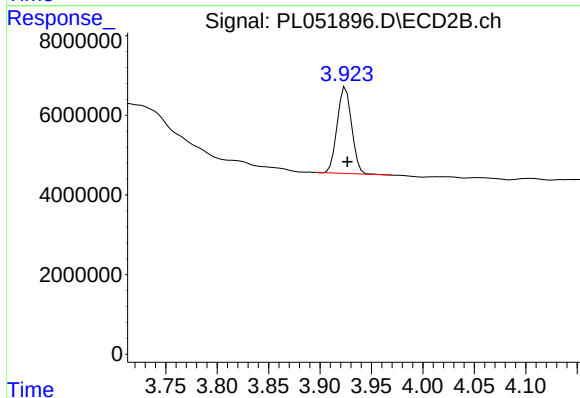




#1 Tetrachloro-m-xylene

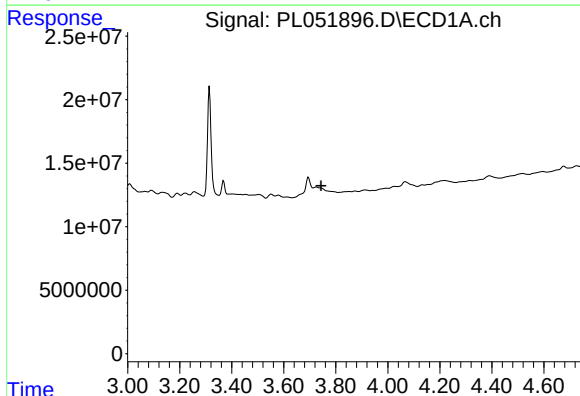
R.T.: 3.314 min  
Delta R.T.: -0.002 min  
Response: 82638379  
Conc: 9.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)



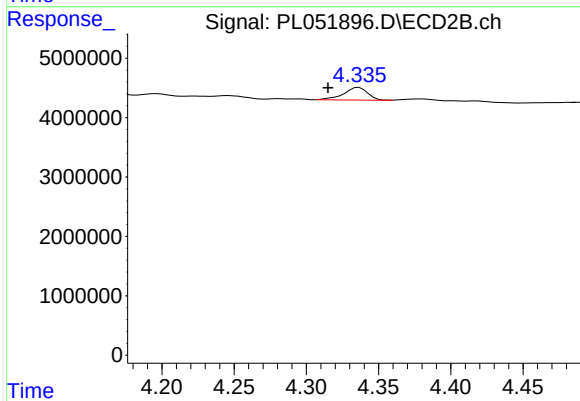
#1 Tetrachloro-m-xylene

R.T.: 3.925 min  
Delta R.T.: -0.002 min  
Response: 21147593  
Conc: 9.68 ng/ml



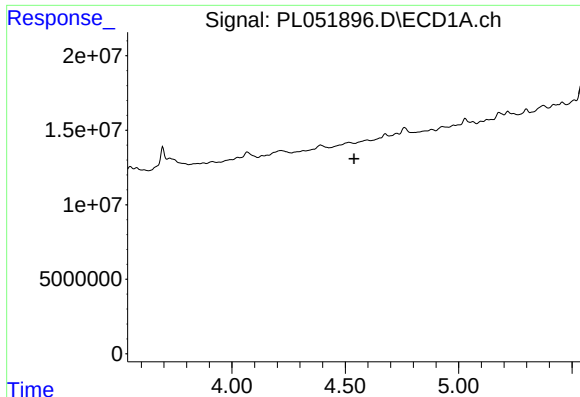
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.743 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

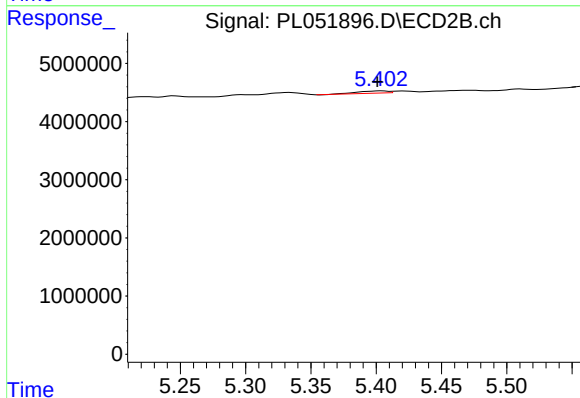
R.T.: 4.336 min  
Delta R.T.: 0.021 min  
Response: 2465278  
Conc: 0.77 ng/ml



#5 Aldrin

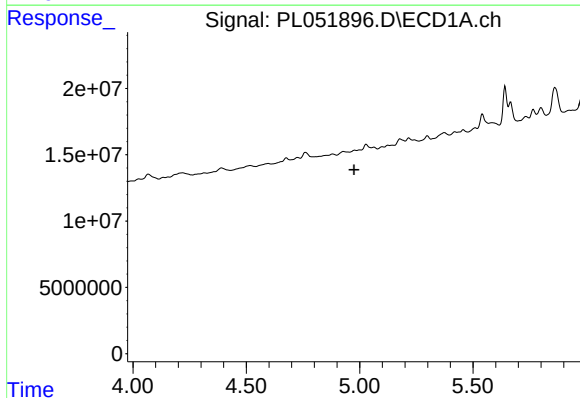
R.T.: 0.000 min  
Exp R.T.: 4.539 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)



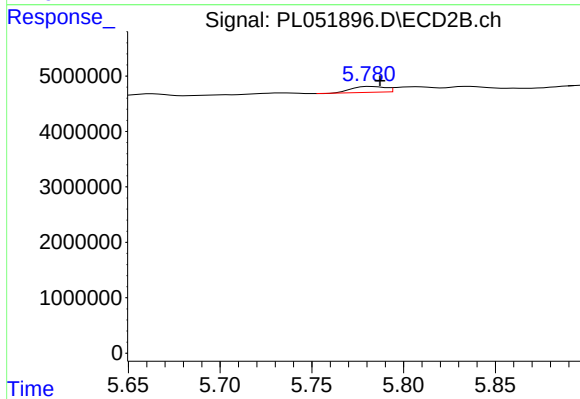
#5 Aldrin

R.T.: 5.403 min  
Delta R.T.: 0.002 min  
Response: 600429  
Conc: 0.18 ng/ml



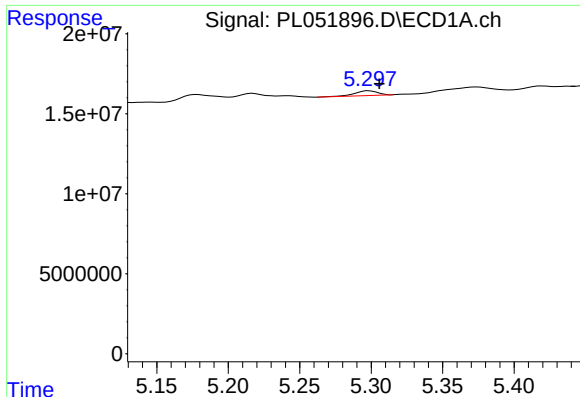
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 4.975 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

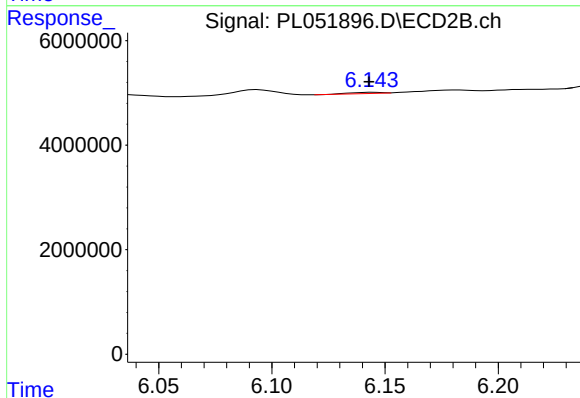
R.T.: 5.782 min  
Delta R.T.: -0.005 min  
Response: 1337969  
Conc: 0.40 ng/ml



#9 Endosulfan I

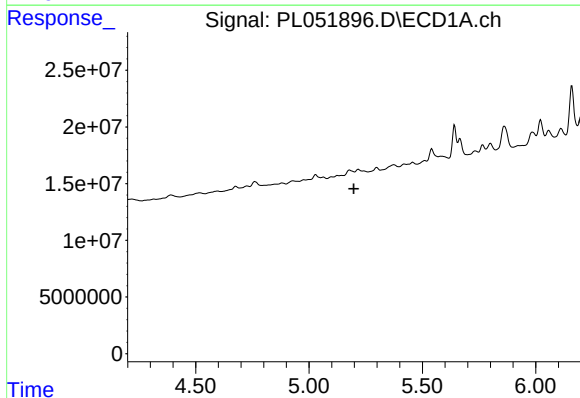
R.T.: 5.299 min  
Delta R.T.: -0.007 min  
Response: 3359750  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)



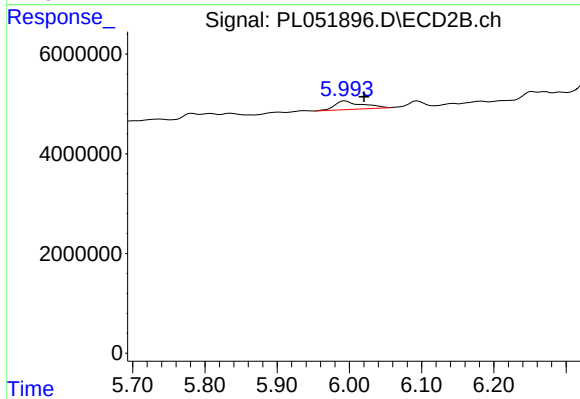
#9 Endosulfan I

R.T.: 6.145 min  
Delta R.T.: 0.002 min  
Response: 212717  
Conc: 0.07 ng/ml



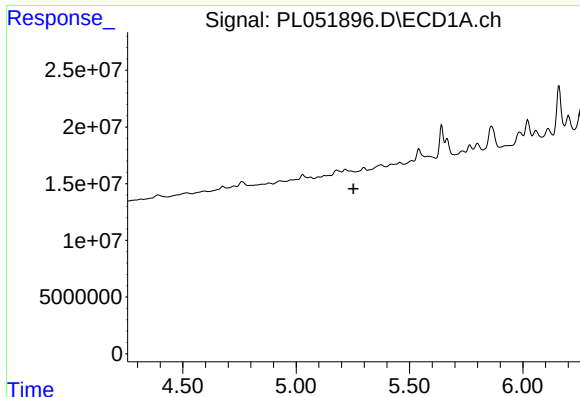
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.197 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

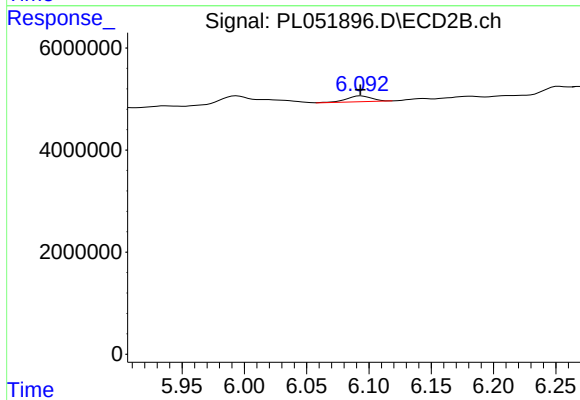
R.T.: 5.994 min  
Delta R.T.: -0.026 min  
Response: 4576423  
Conc: 1.25 ng/ml



#11 alpha-Chlordane

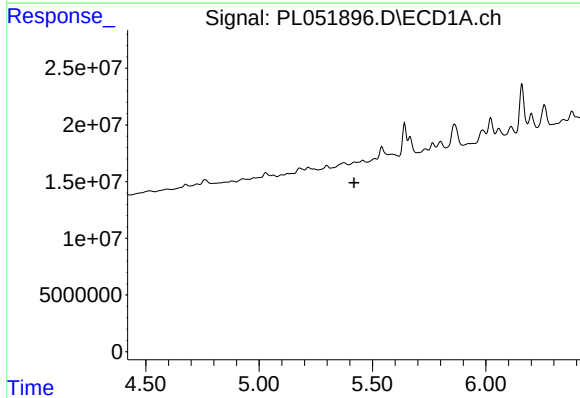
R.T.: 0.000 min  
Exp R.T.: 5.253 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)



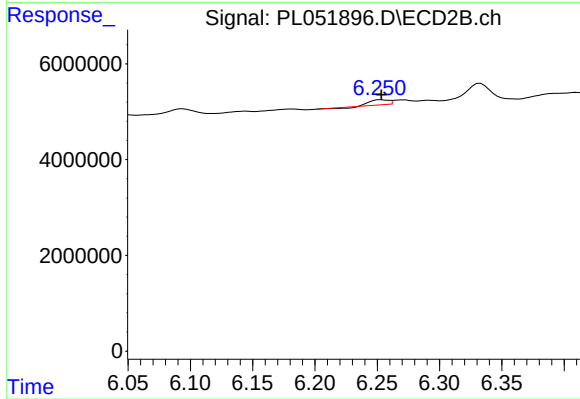
#11 alpha-Chlordane

R.T.: 6.094 min  
Delta R.T.: 0.000 min  
Response: 1584267  
Conc: 0.46 ng/ml



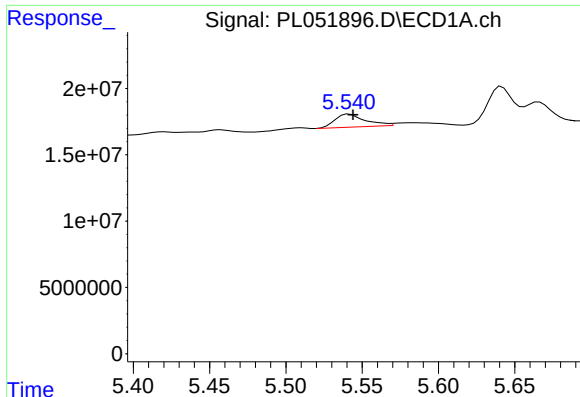
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 5.419 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

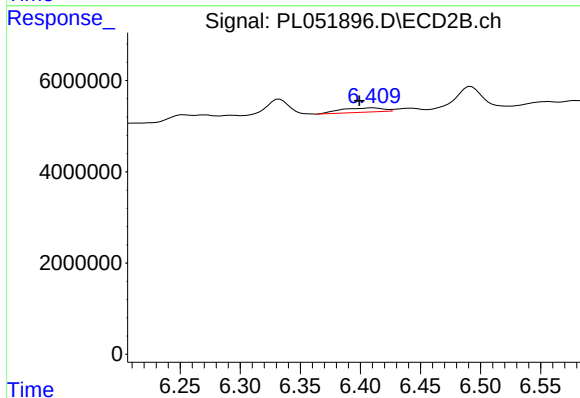
R.T.: 6.253 min  
Delta R.T.: 0.000 min  
Response: 935036  
Conc: 0.27 ng/ml



#13 Dieldrin

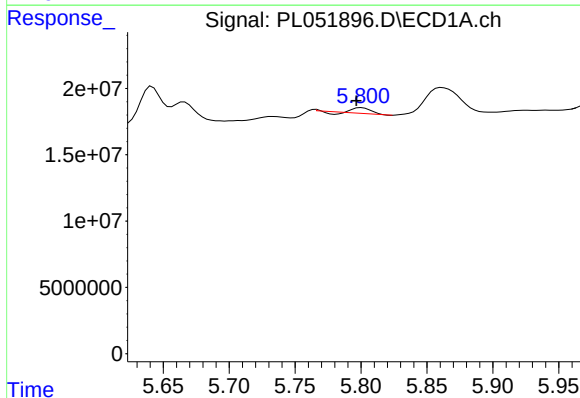
R.T.: 5.541 min  
Delta R.T.: -0.003 min  
Response: 13550475  
Conc: 0.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)



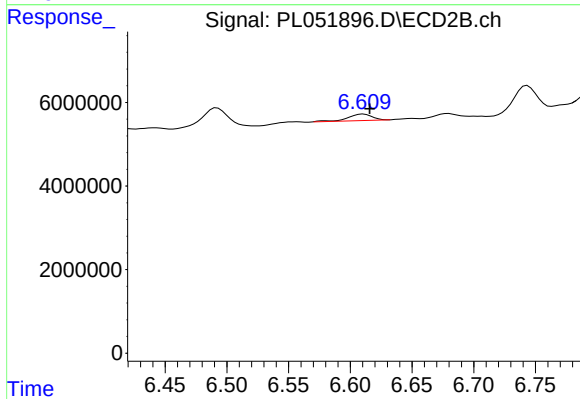
#13 Dieldrin

R.T.: 6.411 min  
Delta R.T.: 0.011 min  
Response: 2272792  
Conc: 0.66 ng/ml



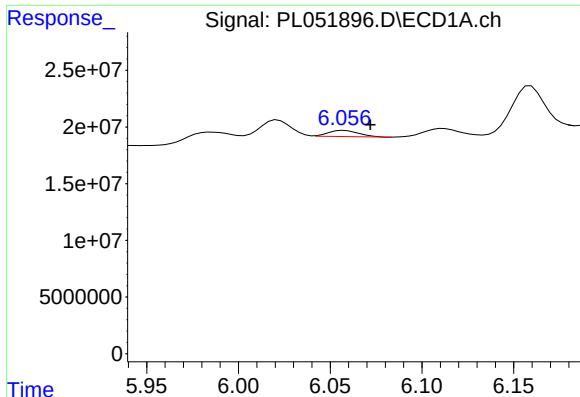
#14 Endrin

R.T.: 5.800 min  
Delta R.T.: 0.004 min  
Response: 3566966  
Conc: 0.24 ng/ml



#14 Endrin

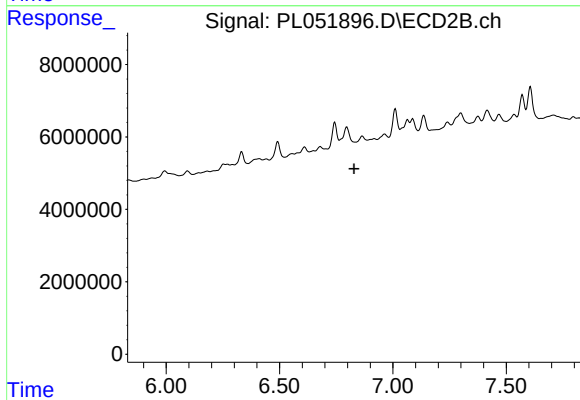
R.T.: 6.611 min  
Delta R.T.: -0.005 min  
Response: 2067466  
Conc: 0.68 ng/ml



#15 Endosulfan II

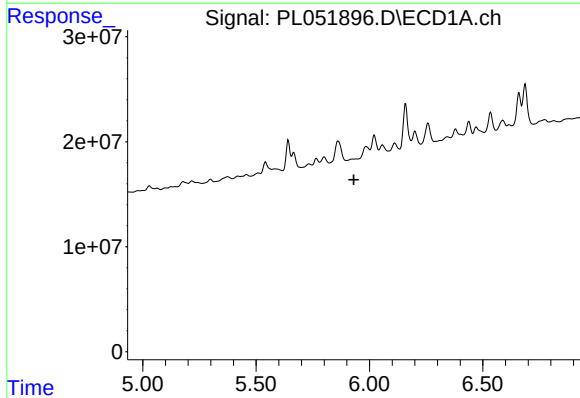
R.T.: 6.058 min  
Delta R.T.: -0.014 min  
Response: 6170242  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)



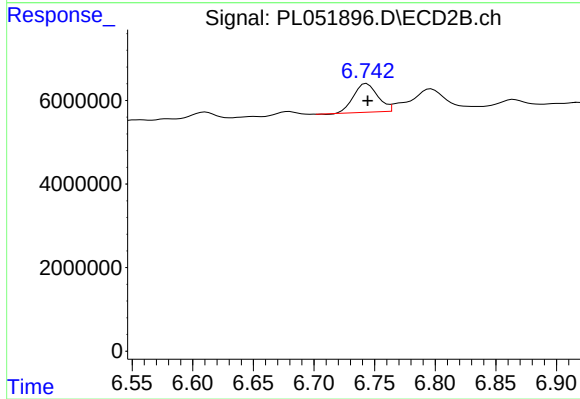
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.829 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

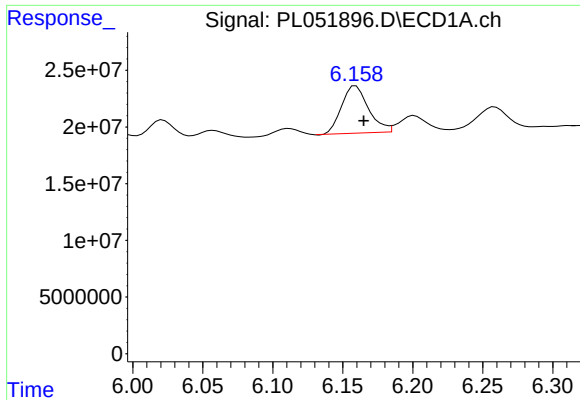
R.T.: 0.000 min  
Exp R.T. : 5.931 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

R.T.: 6.743 min  
Delta R.T.: 0.000 min  
Response: 9458119  
Conc: 3.49 ng/ml

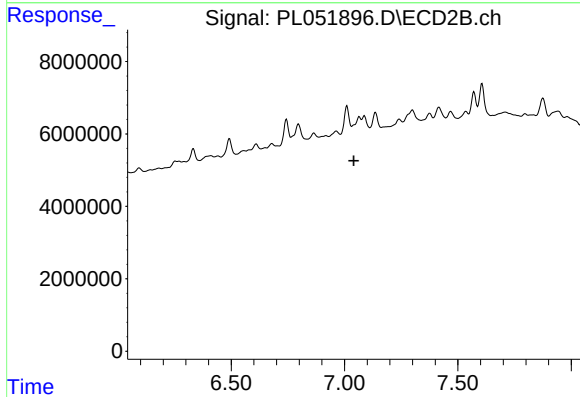




#17 4,4'-DDT

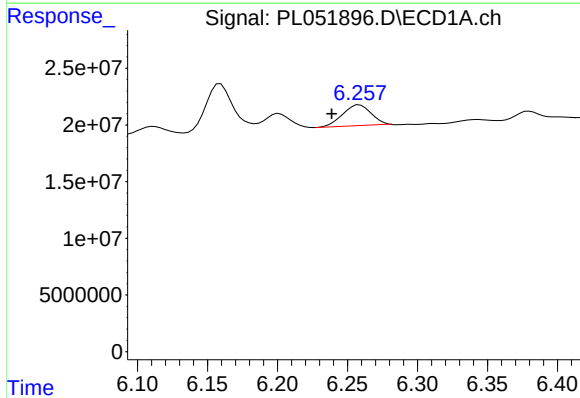
R.T.: 6.159 min  
Delta R.T.: -0.006 min  
Response: 55842835  
Conc: 4.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)



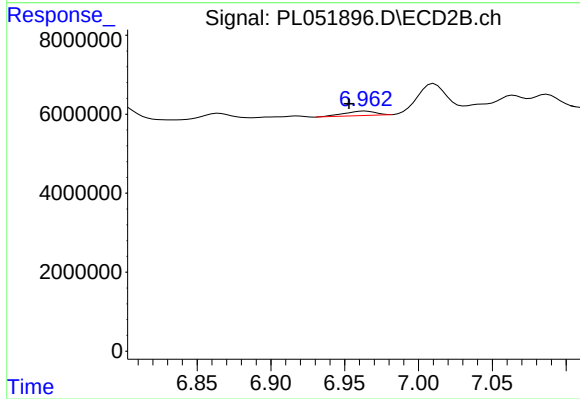
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: 0.024 min  
Response: -3447443  
Conc: N.D.



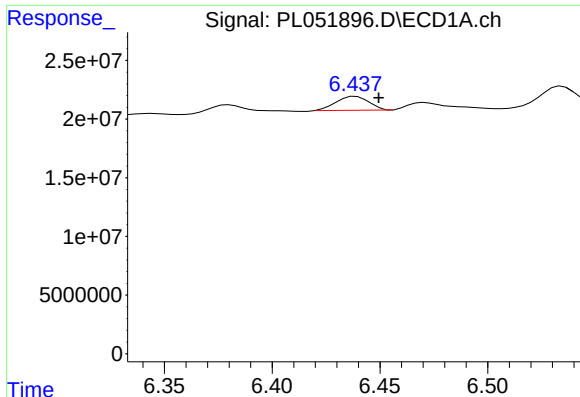
#18 Endrin aldehyde

R.T.: 6.259 min  
Delta R.T.: 0.020 min  
Response: 26207650  
Conc: 2.25 ng/ml



#18 Endrin aldehyde

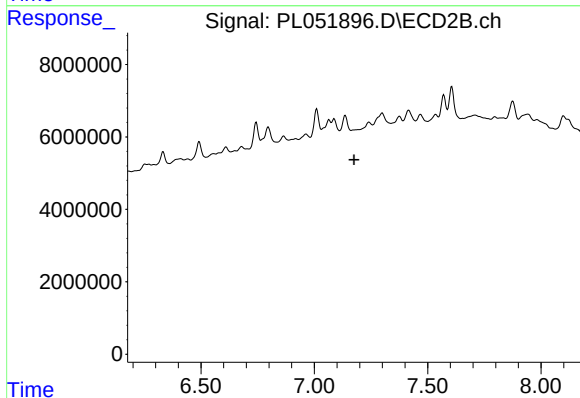
R.T.: 6.964 min  
Delta R.T.: 0.011 min  
Response: 1679368  
Conc: 0.59 ng/ml



#19 Endosulfan Sulfate

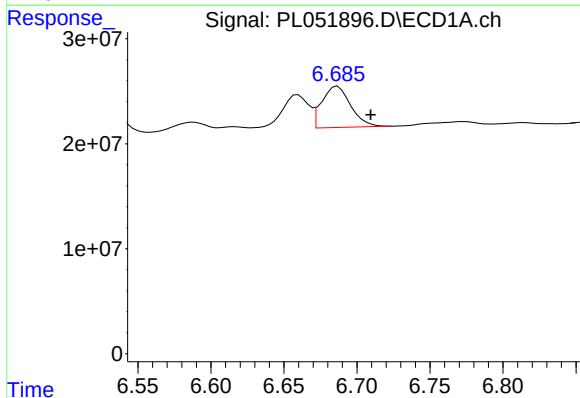
R.T.: 6.439 min  
Delta R.T.: -0.011 min  
Response: 12596759  
Conc: 0.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)



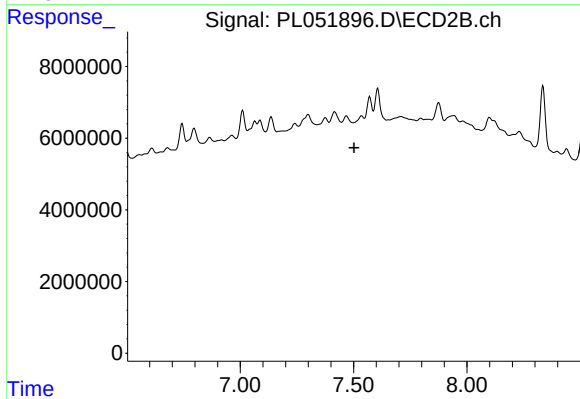
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.176 min  
Response: 0  
Conc: N.D.



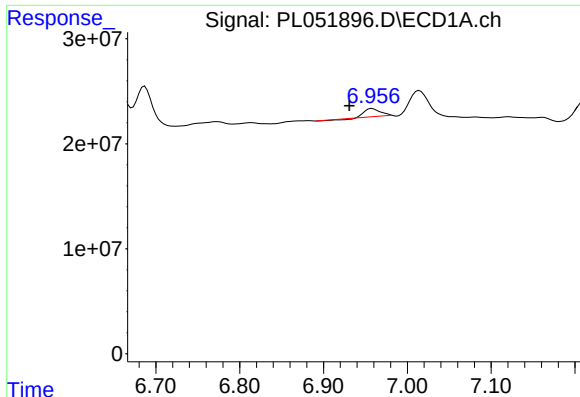
#20 Methoxychlor

R.T.: 6.687 min  
Delta R.T.: -0.023 min  
Response: 54145809  
Conc: 7.99 ng/ml



#20 Methoxychlor

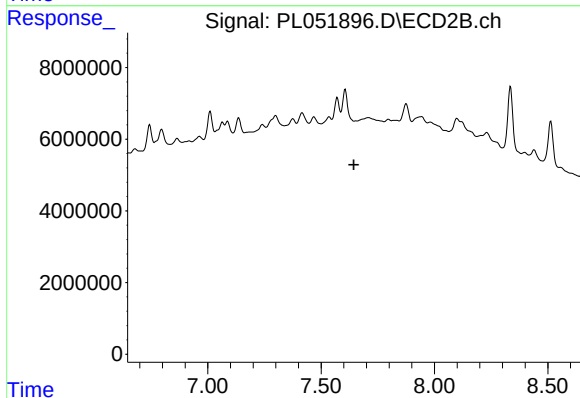
R.T.: 0.000 min  
Exp R.T. : 7.502 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

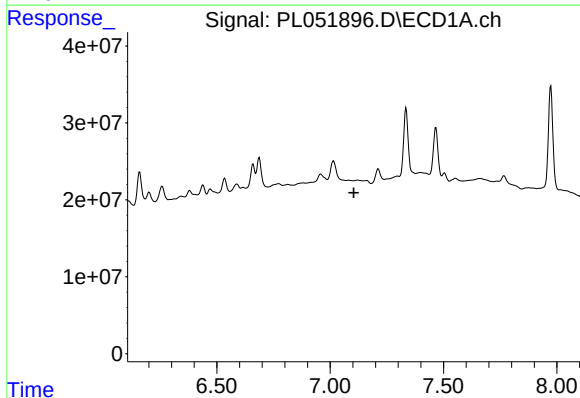
R.T.: 6.958 min  
Delta R.T.: 0.027 min  
Response: 9627630  
Conc: 0.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)



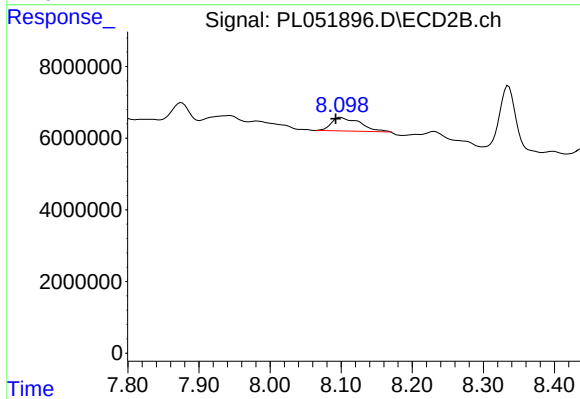
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.644 min  
Response: 0  
Conc: N.D.



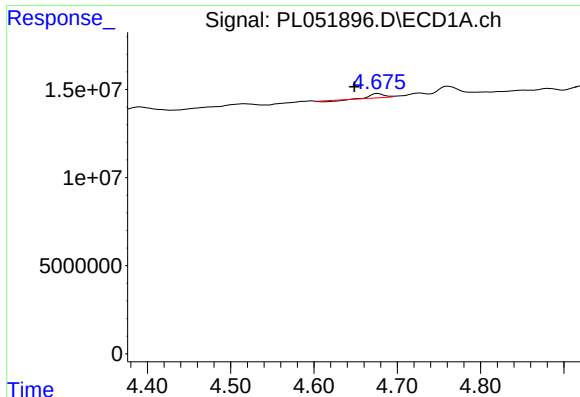
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.104 min  
Response: 0  
Conc: N.D.



#22 Mirex

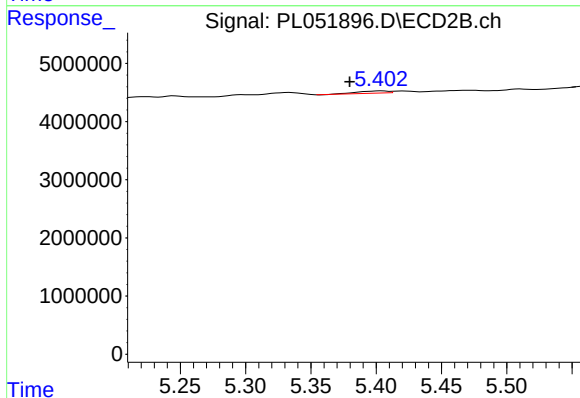
R.T.: 8.099 min  
Delta R.T.: 0.007 min  
Response: 10432985  
Conc: 4.29 ng/ml



#24 Chlordane-2

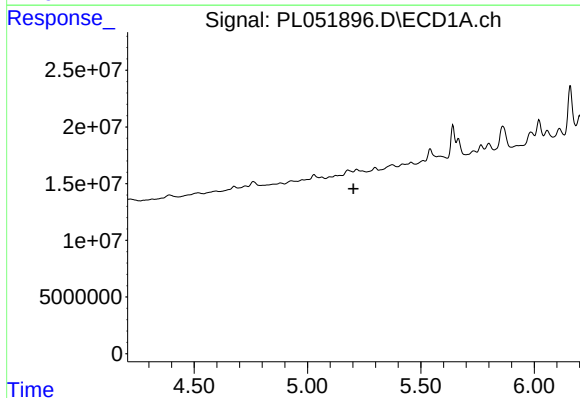
R.T.: 4.676 min  
Delta R.T.: 0.028 min  
Response: 2079955  
Conc: 5.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)



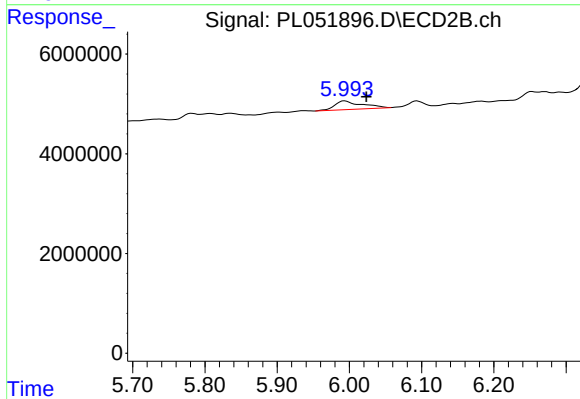
#24 Chlordane-2

R.T.: 5.403 min  
Delta R.T.: 0.023 min  
Response: 600429  
Conc: 5.98 ng/ml



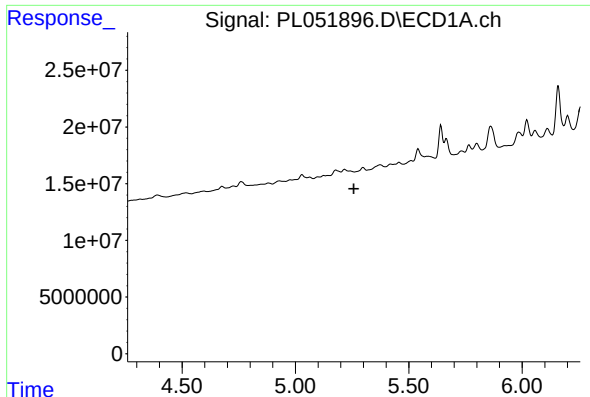
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.204 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

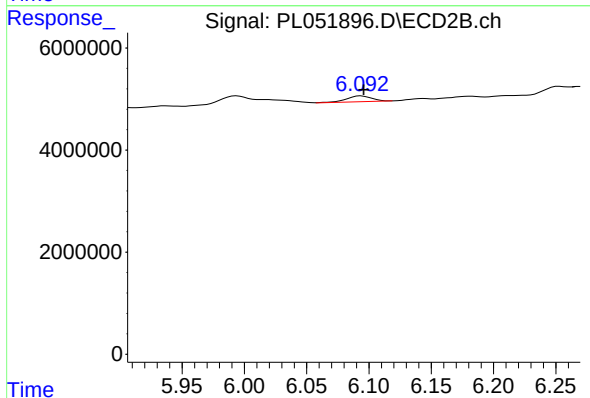
R.T.: 5.994 min  
Delta R.T.: -0.030 min  
Response: 4576423  
Conc: 10.27 ng/ml



#26 Chlordane-4

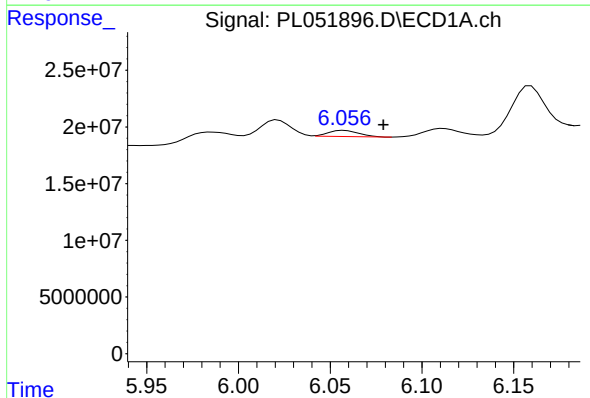
R.T.: 0.000 min  
Exp R.T.: 5.258 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)



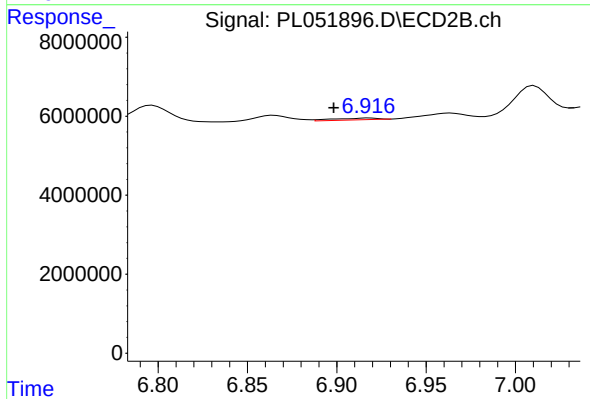
#26 Chlordane-4

R.T.: 6.094 min  
Delta R.T.: -0.002 min  
Response: 1584267  
Conc: 2.92 ng/ml



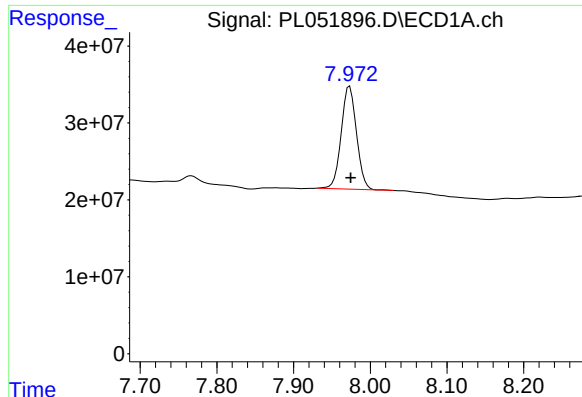
#27 Chlordane-5

R.T.: 6.058 min  
Delta R.T.: -0.021 min  
Response: 6170242  
Conc: 12.57 ng/ml



#27 Chlordane-5

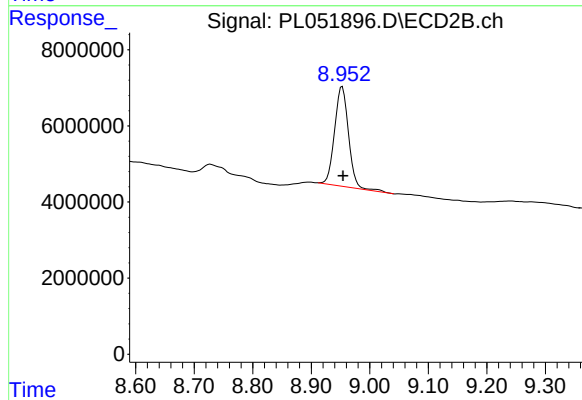
R.T.: 6.918 min  
Delta R.T.: 0.020 min  
Response: 778908  
Conc: 7.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.973 min  
Delta R.T.: -0.002 min  
Response: 185249148  
Conc: 15.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T16-17-E1-E4-(0-2.25)



#28 Decachlorobiphenyl

R.T.: 8.953 min  
Delta R.T.: -0.001 min  
Response: 43316531  
Conc: 14.23 ng/ml