

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072519\  
 Data File : PL050771.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jul 2019 15:04  
 Operator : SM\AJ  
 Sample : K3961-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-10-A

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 26 00:49:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.321  | 3.929  | 139.4E6  | 25617135 | 13.877  | 8.978 #   |
| 28)                         | SA Decachlor... | 7.977  | 8.959  | 154.9E6  | 44815762 | 15.303  | 15.848    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.759  | 4.341f | 47610865 | 32589803 | 2.841   | 7.899 #   |
| 3)                          | MA gamma-BHC... | 4.042f | 4.611  | 39658560 | 1947343  | 2.578   | 0.503 #   |
| 4)                          | MA Heptachlor   | 4.318  | 5.131f | 58495409 | -261968  | 3.565   | N.D. #    |
| 5)                          | MB Aldrin       | 4.531  | 5.395  | 272.7E6  | 13911168 | 17.603  | 3.692 #   |
| 6)                          | B beta-BHC      | 4.247f | 4.794f | 58247126 | 2517045  | 8.885   | 1.456 #   |
| 8)                          | B Heptachlo...  | 4.975  | 5.800  | -7420338 | 4724129  | N.D.    | 1.235     |
| 9)                          | A Endosulfan I  | 5.335f | 0.000  | 39053737 | 0        | 2.685   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.181f | 6.018  | 84493256 | 7856186  | 5.353   | 2.126 #   |
| 11)                         | B alpha-Chl...  | 5.271  | 0.000  | 155.9E6  | 0        | 10.218  | N.D. #    |
| 12)                         | B 4,4'-DDE      | 5.420  | 0.000  | 1558448  | 0        | 0.104   | N.D. #    |
| 13)                         | MA Dieldrin     | 5.552  | 6.397  | 64203310 | 11222498 | 4.143   | 3.169     |
| 15)                         | B Endosulfa...  | 6.064  | 6.816f | -3293189 | 3245485  | N.D.    | 1.021     |
| 16)                         | A 4,4'-DDD      | 5.927  | 6.749  | 20535953 | 31439493 | 1.714   | 11.807 #  |
| 17)                         | MA 4,4'-DDT     | 6.162  | 0.000  | 111.7E6  | 0        | 9.019   | N.D. #    |
| 18)                         | B Endrin al...  | 6.254  | 0.000  | 34192918 | 0        | 2.964   | N.D. #    |
| 19)                         | B Endosulfa...  | 6.444  | 0.000  | 66255240 | 0        | 5.201   | N.D. #    |
| 20)                         | A Methoxychlor  | 6.691f | 0.000  | 189.8E6  | 0        | 30.427  | N.D. #    |
| 21)                         | B Endrin ke...  | 6.960f | 0.000  | 32300757 | 0        | 2.362   | N.D. #    |
| 23)                         | Chlordane-1     | 4.166  | 4.918  | 40393324 | 9062367  | 109.779 | 83.532    |
| 24)                         | Chlordane-2     | 4.644  | 5.395  | 2350840  | 13911168 | 5.252   | 118.441 # |
| 25)                         | Chlordane-3     | 5.181f | 6.018  | 84493256 | 7856186  | 60.361  | 16.334 #  |
| 26)                         | Chlordane-4     | 5.271  | 0.000  | 155.9E6  | 0        | 118.183 | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

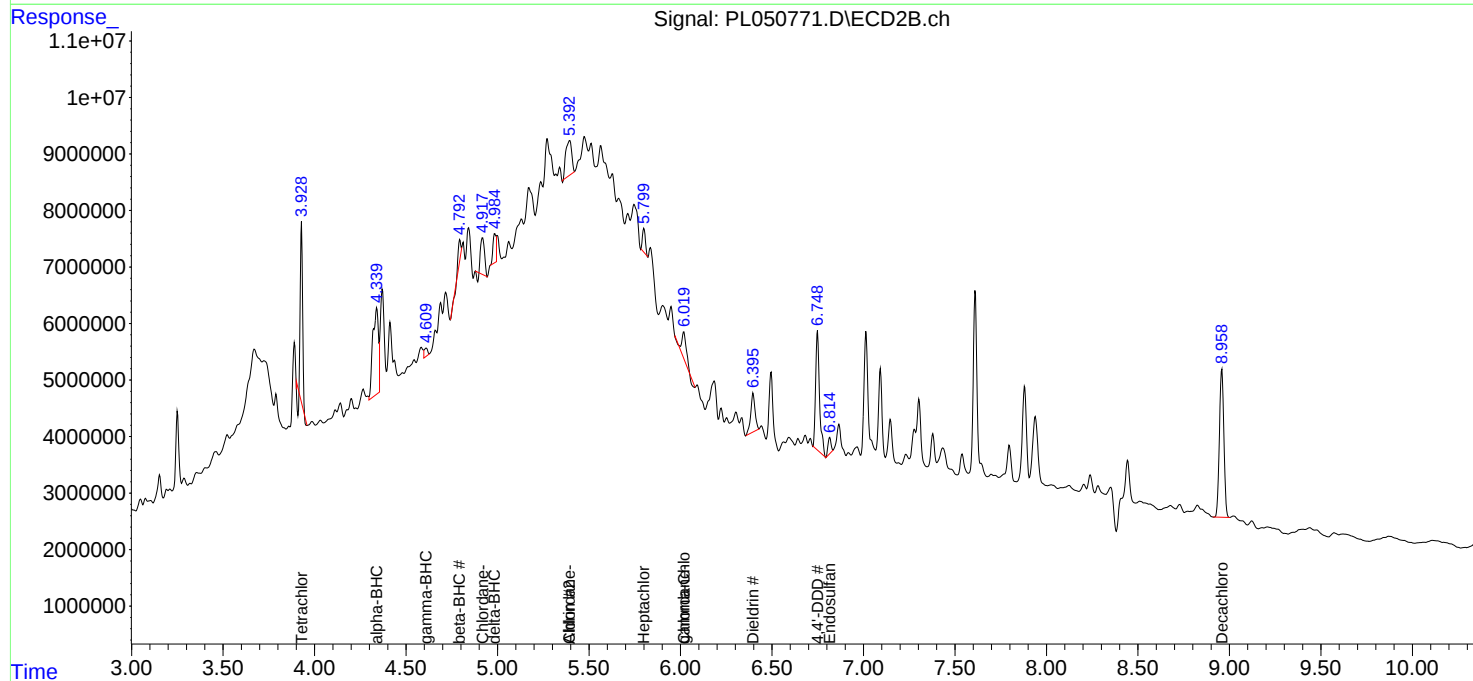
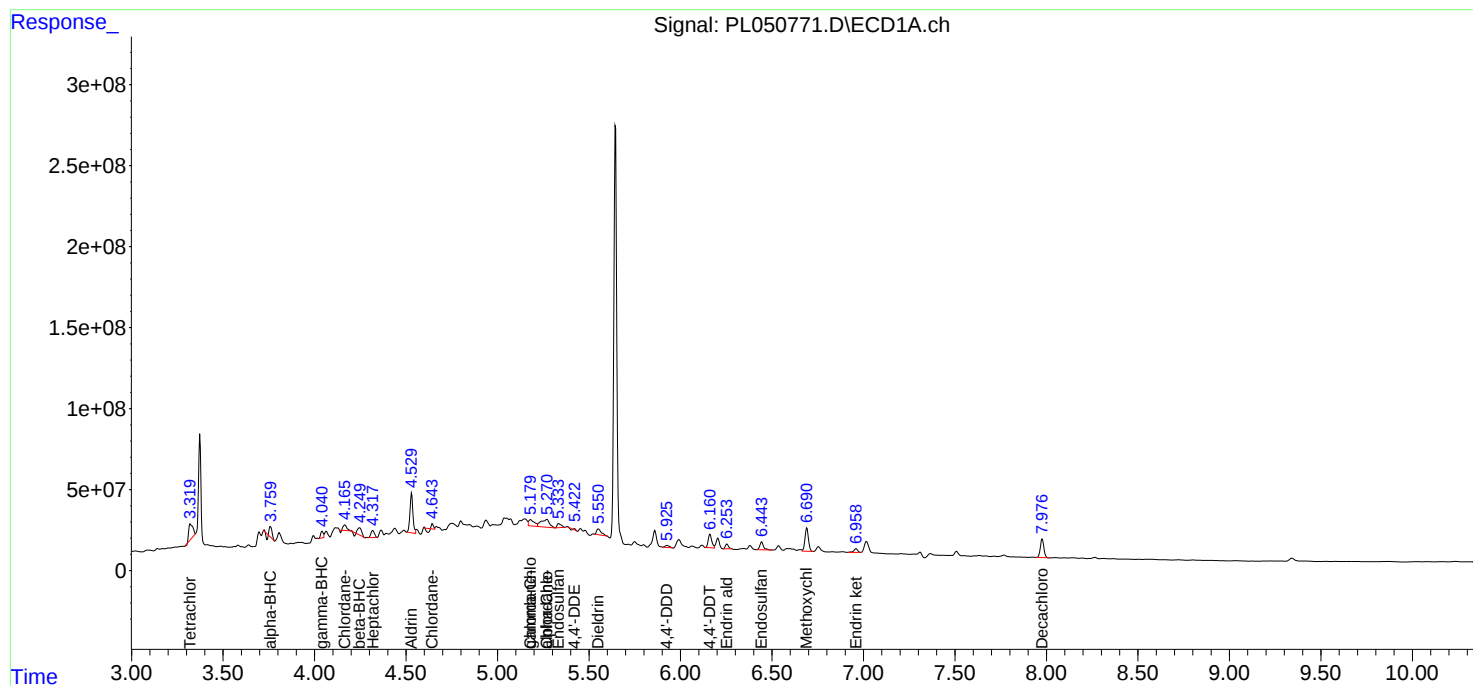
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

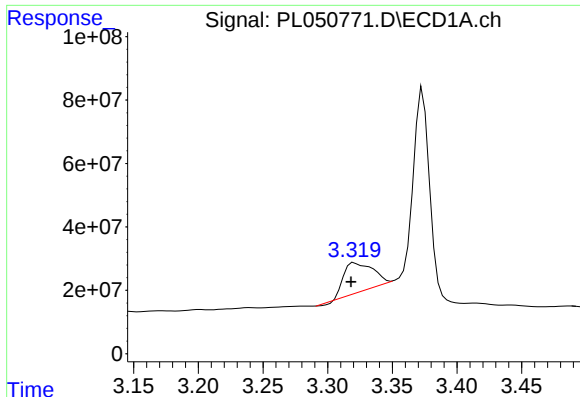
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072519\  
Data File : PL050771.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jul 2019 15:04  
Operator : SM\AJ  
Sample : K3961-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 26 00:49:13 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 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

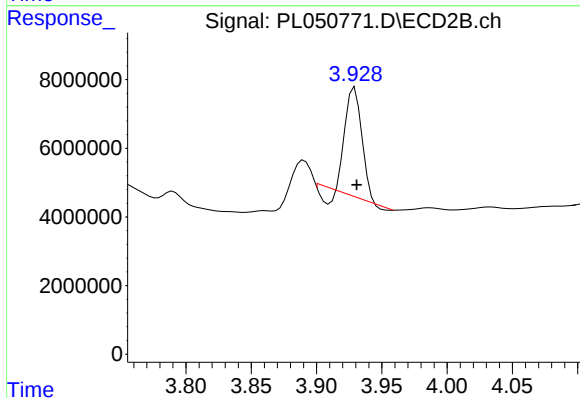




#1 Tetrachloro-m-xylene

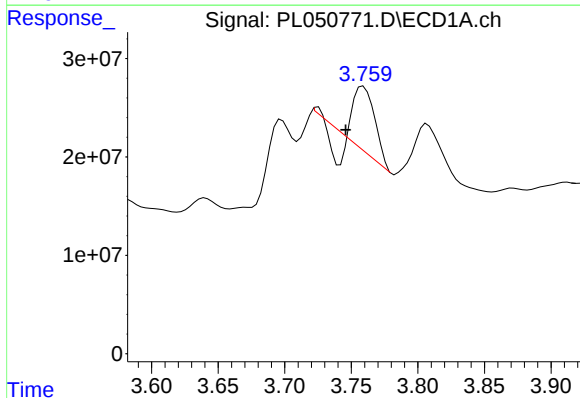
R.T.: 3.321 min  
Delta R.T.: 0.003 min  
Response: 139436812  
Conc: 13.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



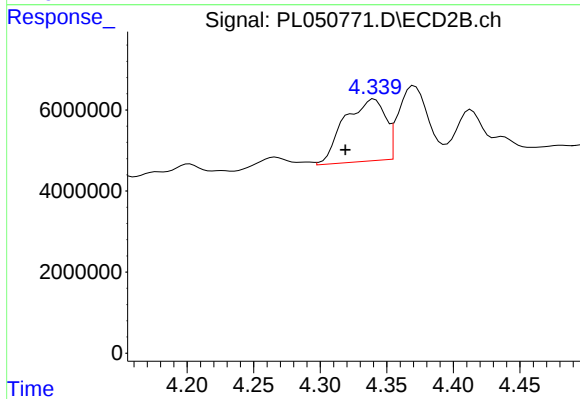
#1 Tetrachloro-m-xylene

R.T.: 3.929 min  
Delta R.T.: -0.001 min  
Response: 25617135  
Conc: 8.98 ng/ml



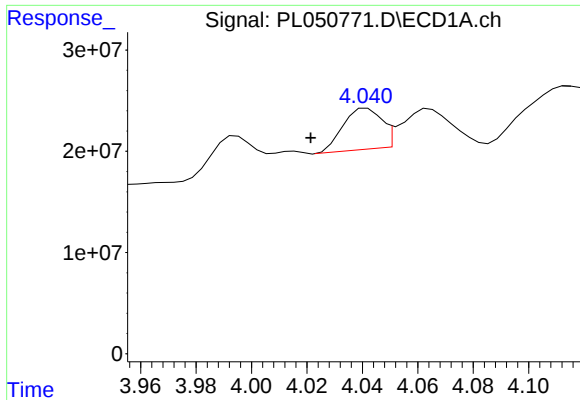
#2 alpha-BHC

R.T.: 3.759 min  
Delta R.T.: 0.013 min  
Response: 47610865  
Conc: 2.84 ng/ml



#2 alpha-BHC

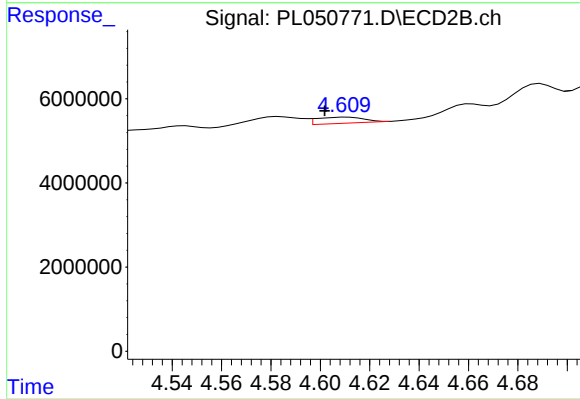
R.T.: 4.341 min  
Delta R.T.: 0.022 min  
Response: 32589803  
Conc: 7.90 ng/ml



#3 gamma-BHC (Lindane)

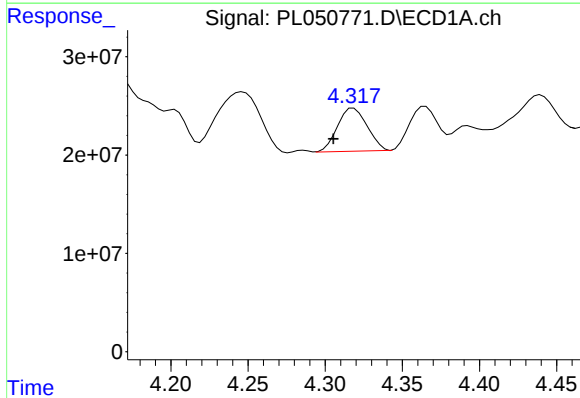
R.T.: 4.042 min  
Delta R.T.: 0.020 min  
Response: 39658560  
Conc: 2.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



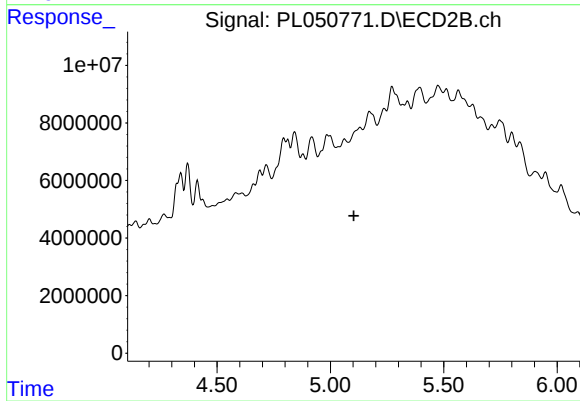
#3 gamma-BHC (Lindane)

R.T.: 4.611 min  
Delta R.T.: 0.009 min  
Response: 1947343  
Conc: 0.50 ng/ml



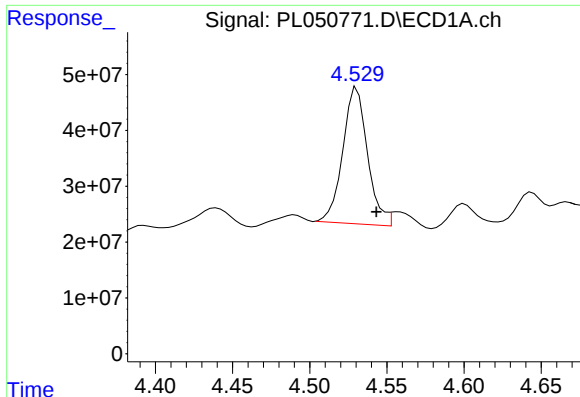
#4 Heptachlor

R.T.: 4.318 min  
Delta R.T.: 0.013 min  
Response: 58495409  
Conc: 3.57 ng/ml



#4 Heptachlor

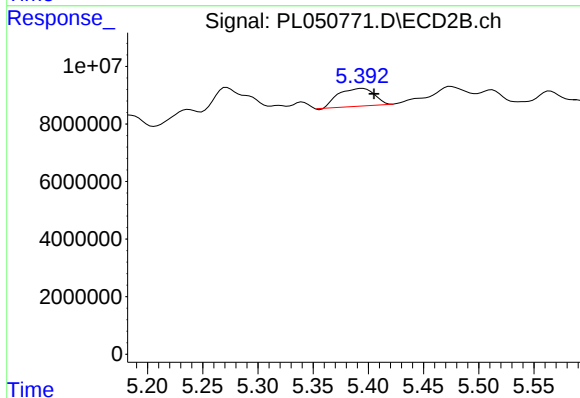
R.T.: 5.131 min  
Delta R.T.: 0.028 min  
Response: -261968  
Conc: N.D.



#5 Aldrin

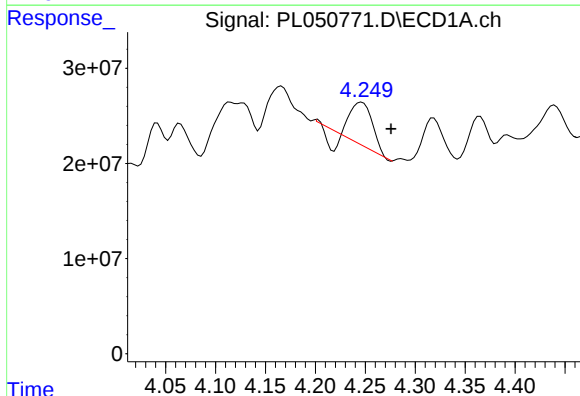
R.T.: 4.531 min  
Delta R.T.: -0.013 min  
Response: 272694763  
Conc: 17.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



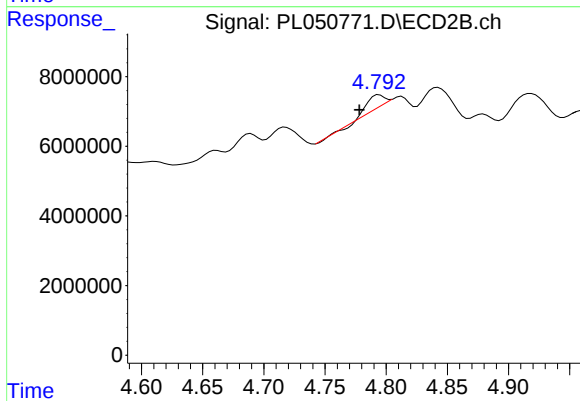
#5 Aldrin

R.T.: 5.395 min  
Delta R.T.: -0.011 min  
Response: 13911168  
Conc: 3.69 ng/ml



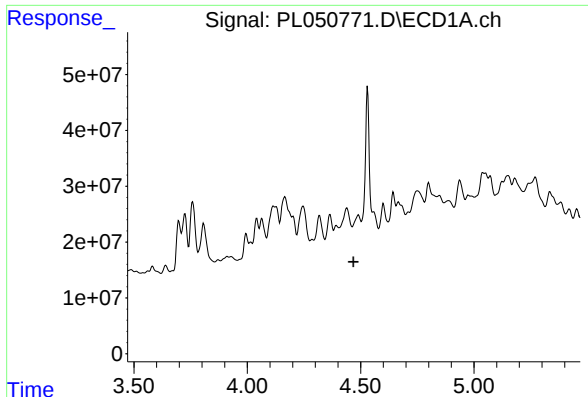
#6 beta-BHC

R.T.: 4.247 min  
Delta R.T.: -0.029 min  
Response: 58247126  
Conc: 8.88 ng/ml



#6 beta-BHC

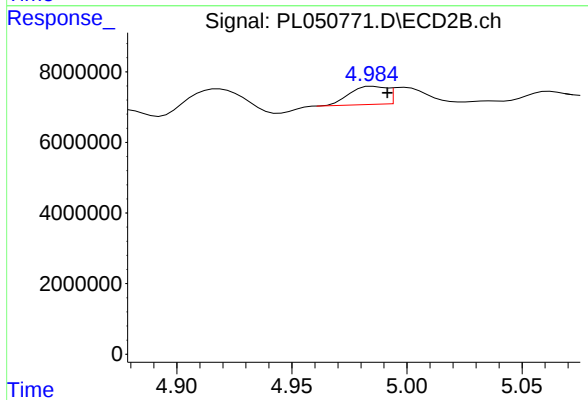
R.T.: 4.794 min  
Delta R.T.: 0.016 min  
Response: 2517045  
Conc: 1.46 ng/ml



#7 delta-BHC

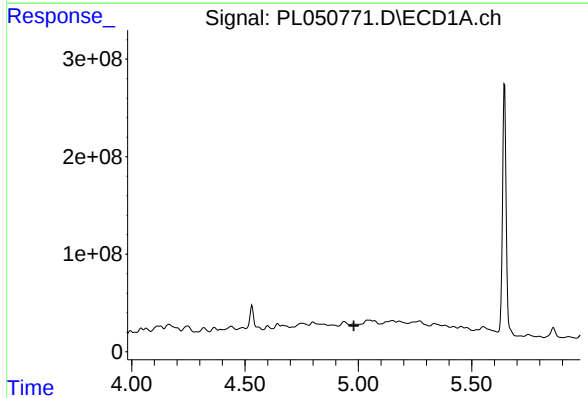
R.T.: 4.490 min  
Delta R.T.: 0.021 min  
Response: -24496786  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



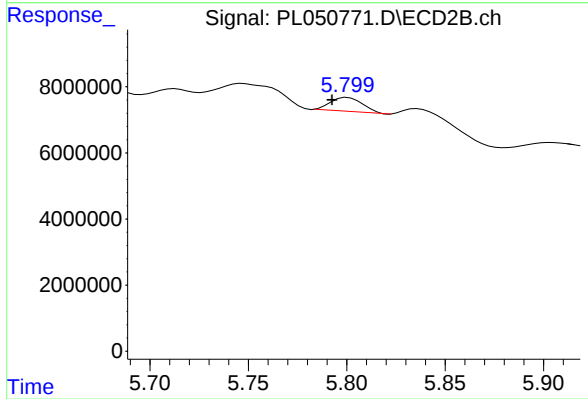
#7 delta-BHC

R.T.: 4.985 min  
Delta R.T.: -0.006 min  
Response: 5746635  
Conc: 1.49 ng/ml



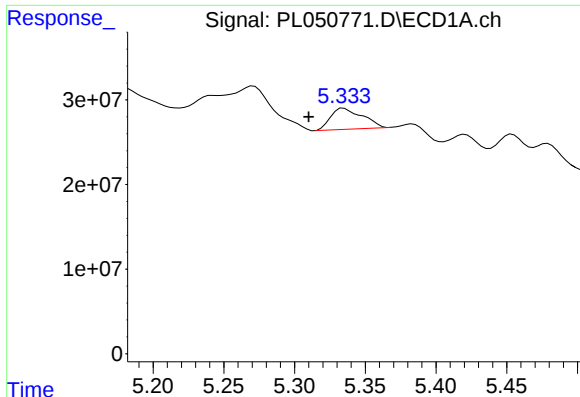
#8 Heptachlor epoxide

R.T.: 4.975 min  
Delta R.T.: -0.004 min  
Response: -7420338  
Conc: N.D.



#8 Heptachlor epoxide

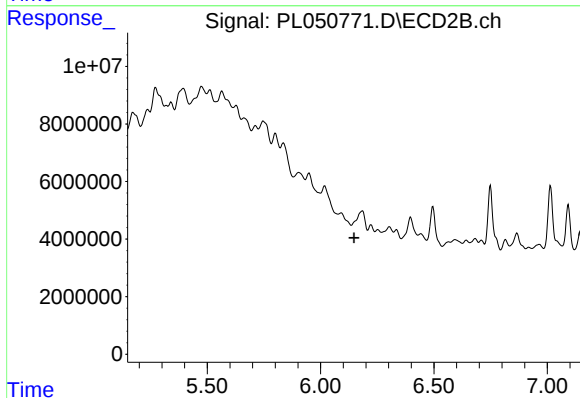
R.T.: 5.800 min  
Delta R.T.: 0.008 min  
Response: 4724129  
Conc: 1.24 ng/ml



#9 Endosulfan I

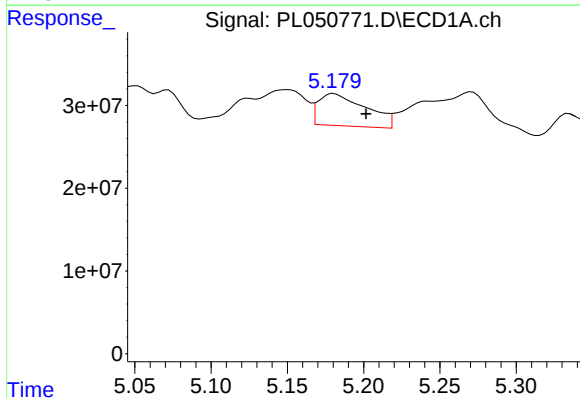
R.T.: 5.335 min  
Delta R.T.: 0.025 min  
Response: 39053737  
Conc: 2.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



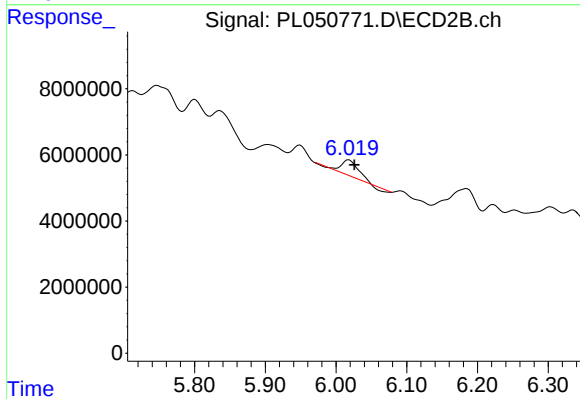
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.148 min  
Response: 0  
Conc: N.D.



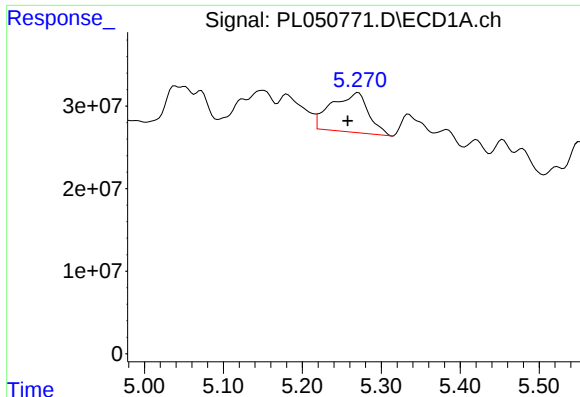
#10 gamma-Chlordane

R.T.: 5.181 min  
Delta R.T.: -0.021 min  
Response: 84493256  
Conc: 5.35 ng/ml



#10 gamma-Chlordane

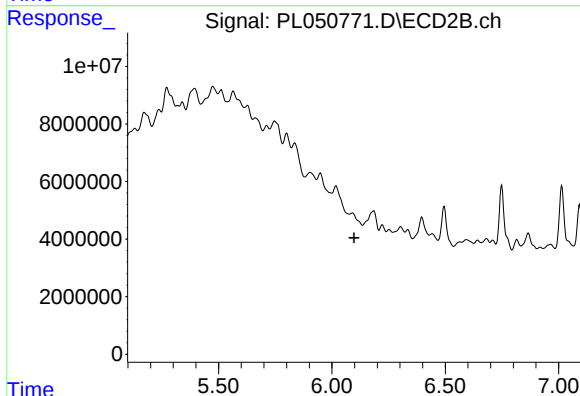
R.T.: 6.018 min  
Delta R.T.: -0.008 min  
Response: 7856186  
Conc: 2.13 ng/ml



#11 alpha-Chlordane

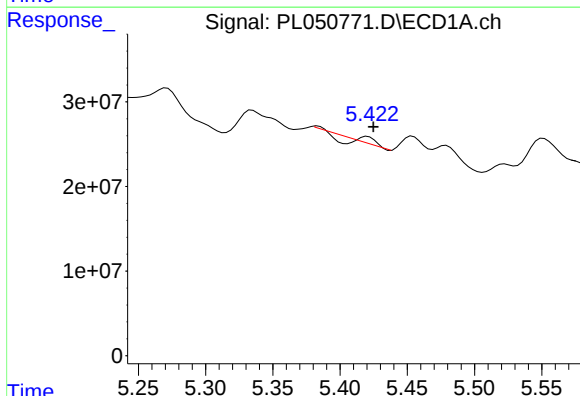
R.T.: 5.271 min  
Delta R.T.: 0.013 min  
Response: 155880701  
Conc: 10.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



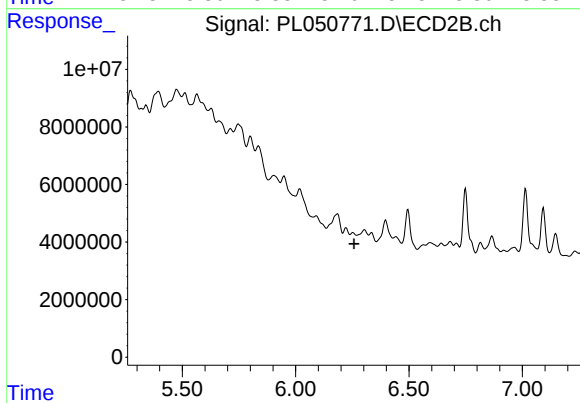
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.098 min  
Response: 0  
Conc: N.D.



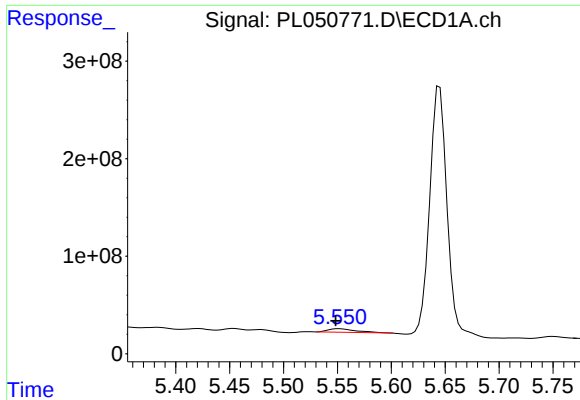
#12 4,4'-DDE

R.T.: 5.420 min  
Delta R.T.: -0.004 min  
Response: 1558448  
Conc: 0.10 ng/ml



#12 4,4'-DDE

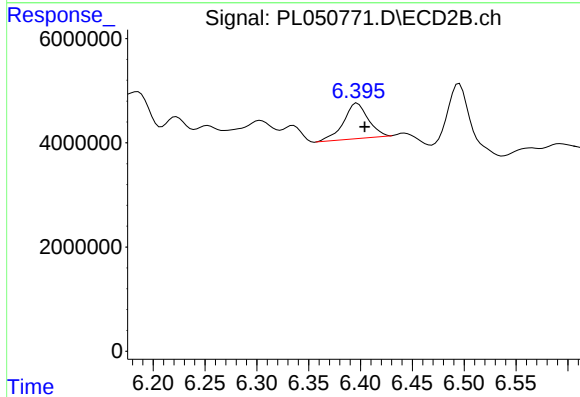
R.T.: 0.000 min  
Exp R.T. : 6.258 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

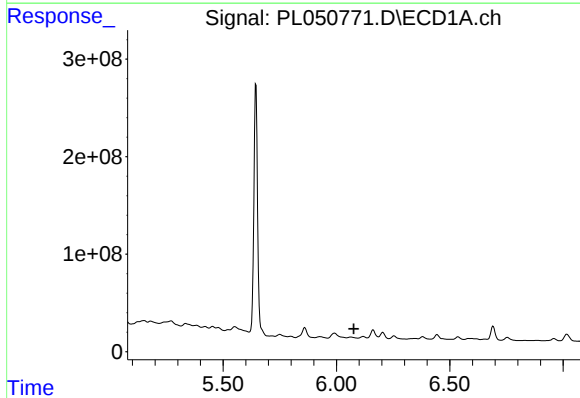
R.T.: 5.552 min  
Delta R.T.: 0.003 min  
Response: 64203310  
Conc: 4.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



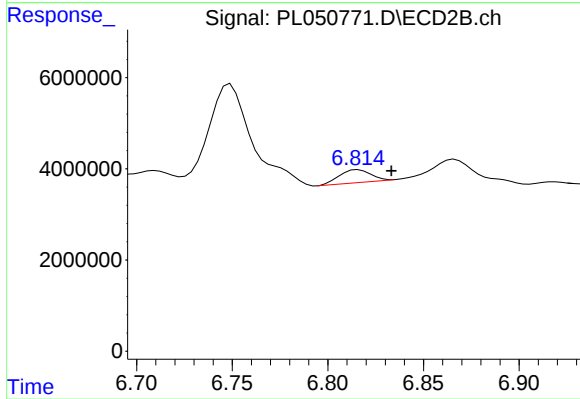
#13 Dieldrin

R.T.: 6.397 min  
Delta R.T.: -0.007 min  
Response: 11222498  
Conc: 3.17 ng/ml



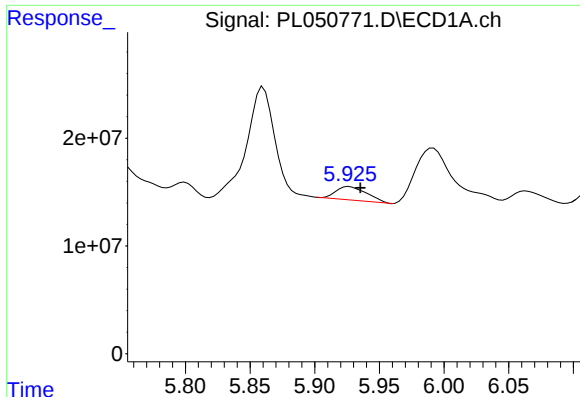
#15 Endosulfan II

R.T.: 6.064 min  
Delta R.T.: -0.013 min  
Response: -3293189  
Conc: N.D.



#15 Endosulfan II

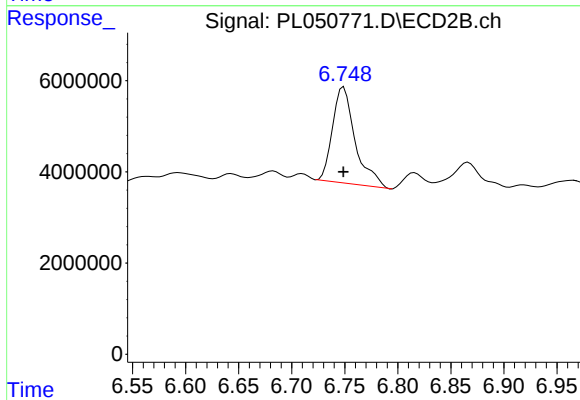
R.T.: 6.816 min  
Delta R.T.: -0.017 min  
Response: 3245485  
Conc: 1.02 ng/ml



#16 4,4'-DDD

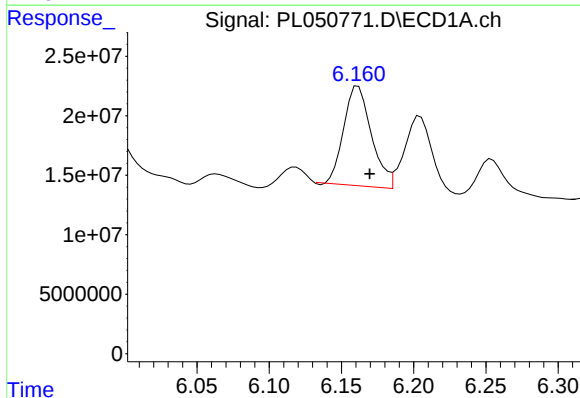
R.T.: 5.927 min  
Delta R.T.: -0.009 min  
Response: 20535953  
Conc: 1.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



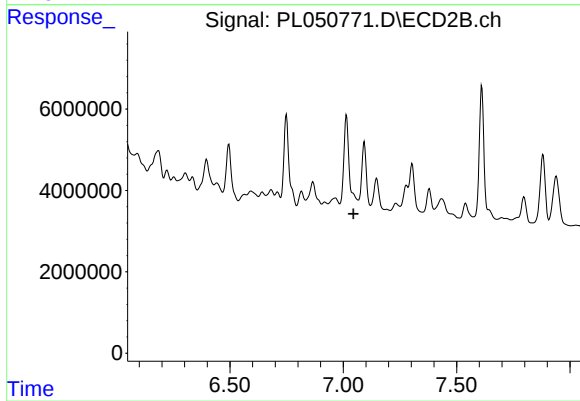
#16 4,4'-DDD

R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 31439493  
Conc: 11.81 ng/ml



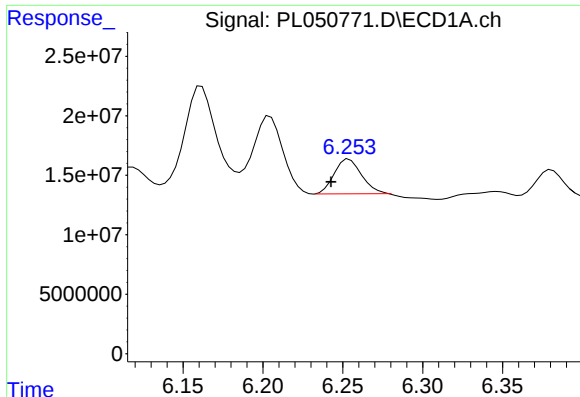
#17 4,4'-DDT

R.T.: 6.162 min  
Delta R.T.: -0.008 min  
Response: 111710118  
Conc: 9.02 ng/ml



#17 4,4'-DDT

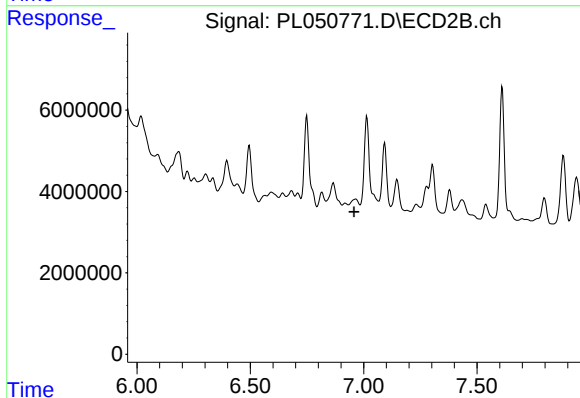
R.T.: 0.000 min  
Exp R.T.: 7.046 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

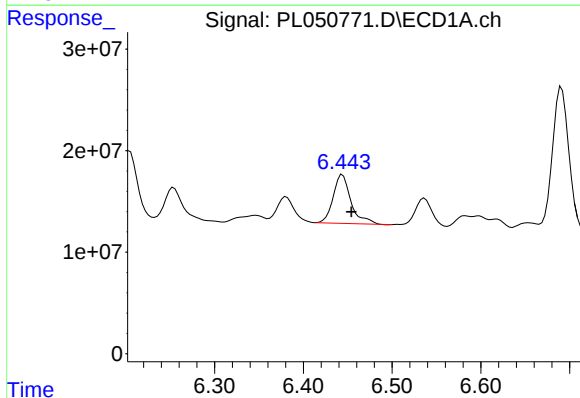
R.T.: 6.254 min  
Delta R.T.: 0.011 min  
Response: 34192918  
Conc: 2.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



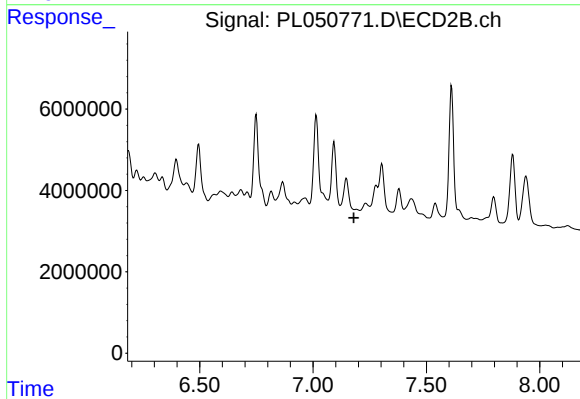
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.957 min  
Response: 0  
Conc: N.D.



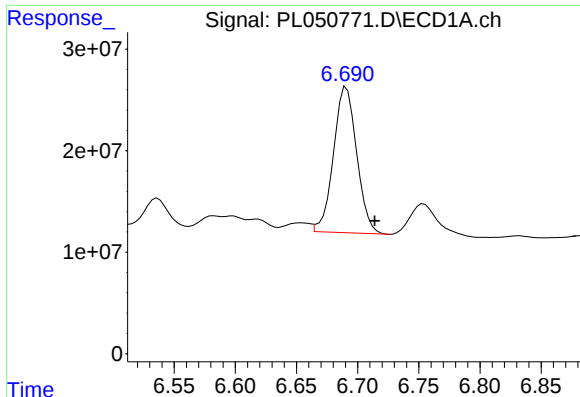
#19 Endosulfan Sulfate

R.T.: 6.444 min  
Delta R.T.: -0.010 min  
Response: 66255240  
Conc: 5.20 ng/ml



#19 Endosulfan Sulfate

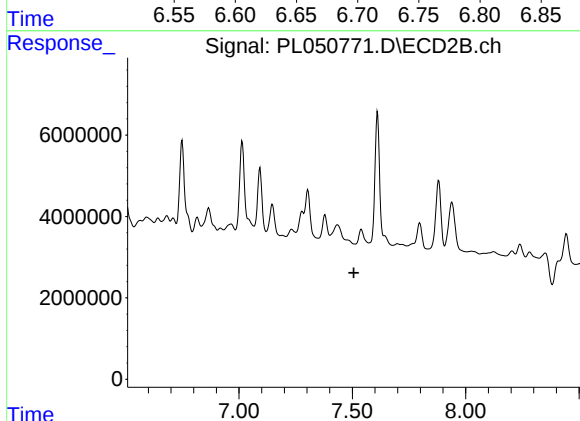
R.T.: 0.000 min  
Exp R.T.: 7.180 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

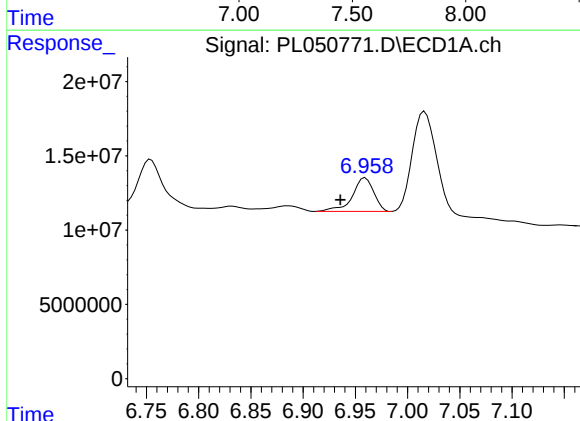
R.T.: 6.691 min  
Delta R.T.: -0.023 min  
Response: 189830048  
Conc: 30.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



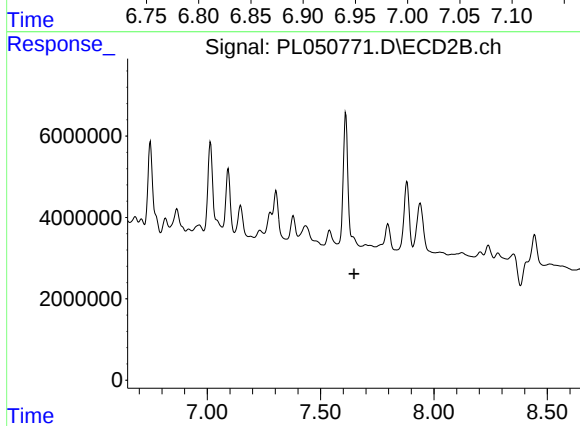
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.507 min  
Response: 0  
Conc: N.D.



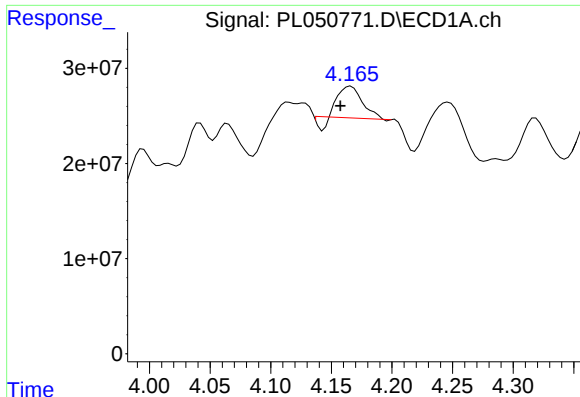
#21 Endrin ketone

R.T.: 6.960 min  
Delta R.T.: 0.024 min  
Response: 32300757  
Conc: 2.36 ng/ml



#21 Endrin ketone

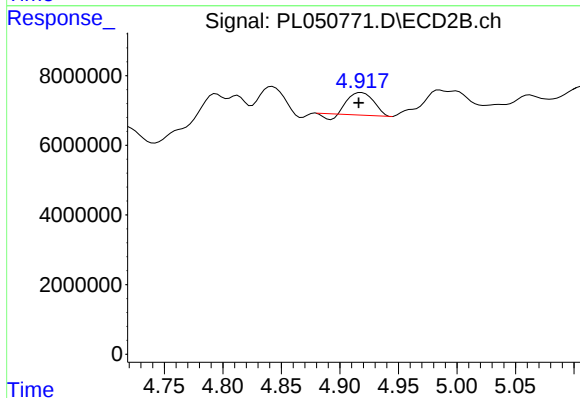
R.T.: 0.000 min  
Exp R.T.: 7.648 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

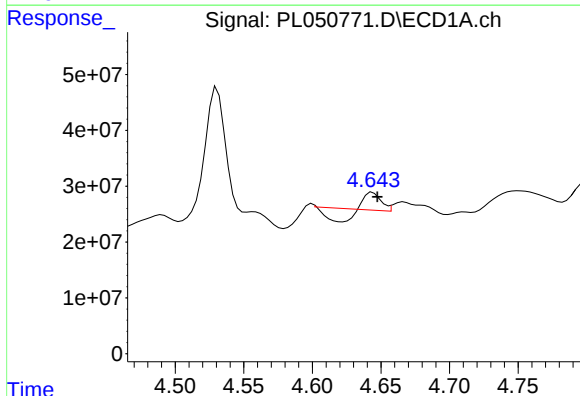
R.T.: 4.166 min  
Delta R.T.: 0.009 min  
Response: 40393324  
Conc: 109.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



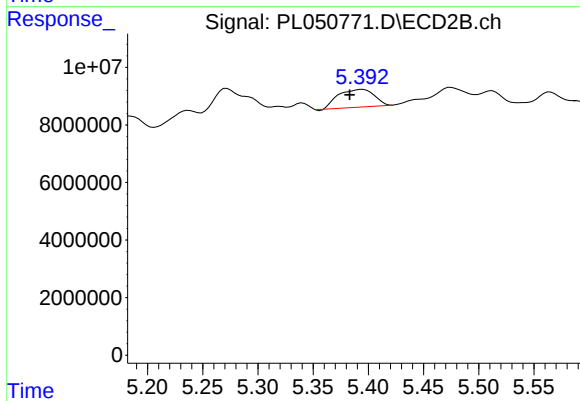
#23 Chlordane-1

R.T.: 4.918 min  
Delta R.T.: 0.002 min  
Response: 9062367  
Conc: 83.53 ng/ml



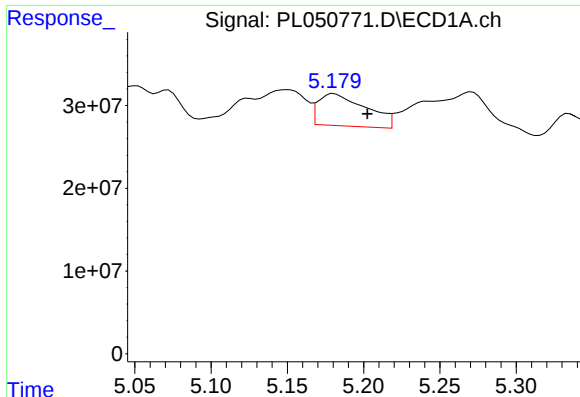
#24 Chlordane-2

R.T.: 4.644 min  
Delta R.T.: -0.003 min  
Response: 2350840  
Conc: 5.25 ng/ml



#24 Chlordane-2

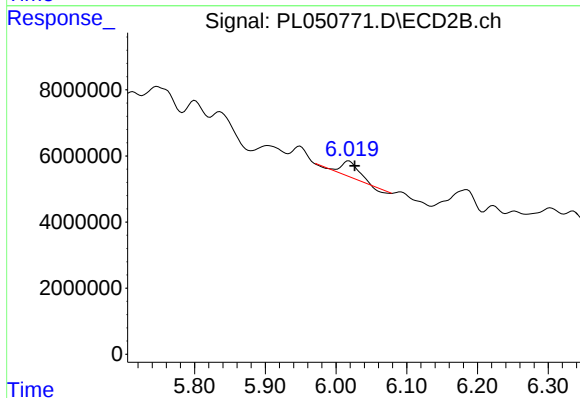
R.T.: 5.395 min  
Delta R.T.: 0.011 min  
Response: 13911168  
Conc: 118.44 ng/ml



#25 Chlordane-3

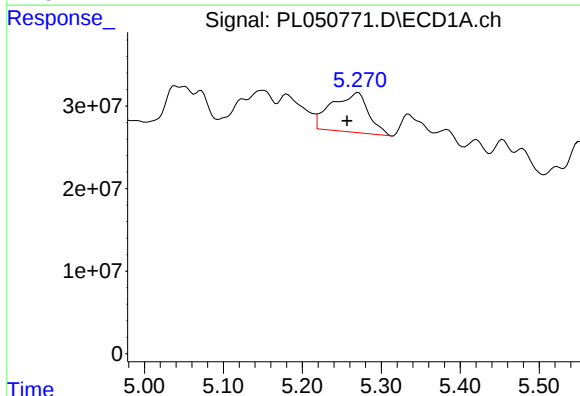
R.T.: 5.181 min  
Delta R.T.: -0.022 min  
Response: 84493256  
Conc: 60.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



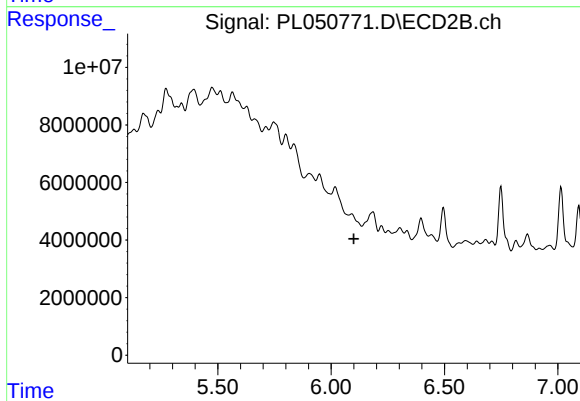
#25 Chlordane-3

R.T.: 6.018 min  
Delta R.T.: -0.008 min  
Response: 7856186  
Conc: 16.33 ng/ml



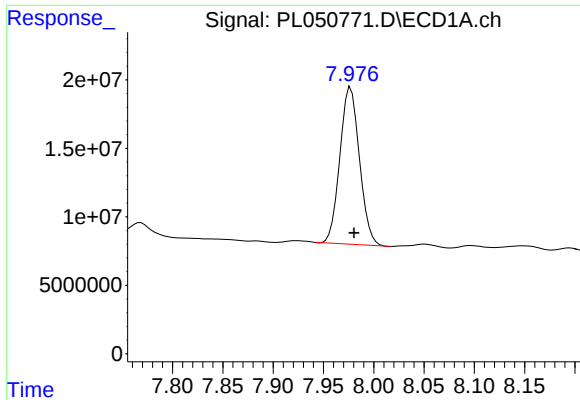
#26 Chlordane-4

R.T.: 5.271 min  
Delta R.T.: 0.014 min  
Response: 155880701  
Conc: 118.18 ng/ml



#26 Chlordane-4

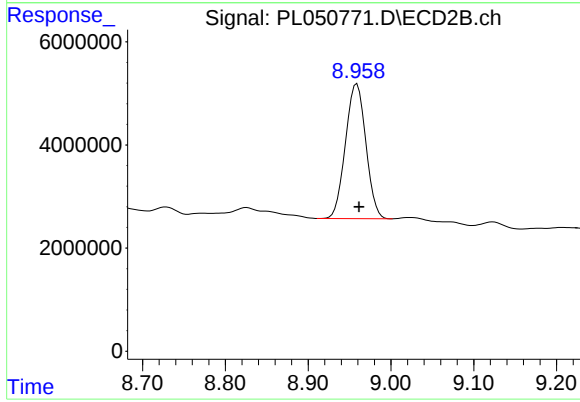
R.T.: 0.000 min  
Exp R.T.: 6.100 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.977 min  
Delta R.T.: -0.003 min  
Response: 154946946  
Conc: 15.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-10-A



#28 Decachlorobiphenyl

R.T.: 8.959 min  
Delta R.T.: -0.003 min  
Response: 44815762  
Conc: 15.85 ng/ml