

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122523\  
 Data File : PL087435.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Dec 2023 17:54  
 Operator : AR\AJ  
 Sample : 05899-11  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 GHL-SS-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 25 23:30:16 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 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... | 3.421  | 2.677  | 39768205  | 15342080 | 10.567  | 9.114     |
| 28)                         | SA Decachlor... | 8.976  | 7.864  | 32763461  | 15871752 | 9.608   | 9.397     |
| Target Compounds            |                 |        |        |           |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.205f | 0         | 16324    | N.D.    | 0.007 #   |
| 3)                          | MA gamma-BHC... | 4.214  | 3.513  | -1453457  | 3170048  | N.D.    | 1.309     |
| 4)                          | MA Heptachlor   | 4.801  | 0.000  | 3042022   | 0        | 0.571   | N.D. #    |
| 5)                          | MB Aldrin       | 5.139f | 4.119f | 6766683   | 3938110  | 1.300   | 1.642 #   |
| 6)                          | B beta-BHC      | 4.418  | 3.817  | 12920579  | 942491   | 5.625   | 0.905 #   |
| 7)                          | B delta-BHC     | 4.665  | 4.040  | 9937356   | 12527648 | 1.900   | 5.121 #   |
| 8)                          | B Heptachlo...  | 5.577  | 4.637  | 31171751  | 14665388 | 6.614   | 6.590     |
| 9)                          | A Endosulfan I  | 5.976  | 5.035  | 18050212  | 20826833 | 4.041   | 9.637 #   |
| 10)                         | B gamma-Chl...  | 5.860f | 4.921f | 62744425  | 87055767 | 12.942  | 38.060 #  |
| 11)                         | B alpha-Chl...  | 5.940f | 4.974  | 12362036  | 13417456 | 2.572   | 5.813 #   |
| 14)                         | MA Endrin       | 6.478  | 5.574  | -35223034 | 32133527 | N.D.    | 16.102    |
| 15)                         | B Endosulfa...  | 0.000  | 5.890f | 0         | 61958777 | N.D.    | 31.822 #  |
| 16)                         | A 4,4'-DDD      | 6.649f | 0.000  | 136.7E6   | 0        | 41.364  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 6.963f | 6.007f | 407.4E6   | 28463769 | 108.338 | 15.433 #  |
| 19)                         | B Endosulfa...  | 7.051f | 6.254f | 130.3E6   | 11320723 | 33.184  | 6.009 #   |
| 22)                         | Mirex           | 8.061f | 6.973  | -32690292 | 33718491 | N.D.    | 18.952    |
| 23)                         | Chlordane-1     | 4.614f | 3.677  | 4400419   | 3102969  | 27.889  | 50.020 #  |
| 24)                         | Chlordane-2     | 5.139  | 0.000  | 6766683   | 0        | 38.847  | N.D. #    |
| 25)                         | Chlordane-3     | 5.860f | 4.921f | 62744425  | 87055767 | 90.014  | 393.798 # |
| 26)                         | Chlordane-4     | 5.940  | 4.974  | 12362036  | 13417456 | 14.457  | 57.631 #  |
| -----                       |                 |        |        |           |          |         |           |

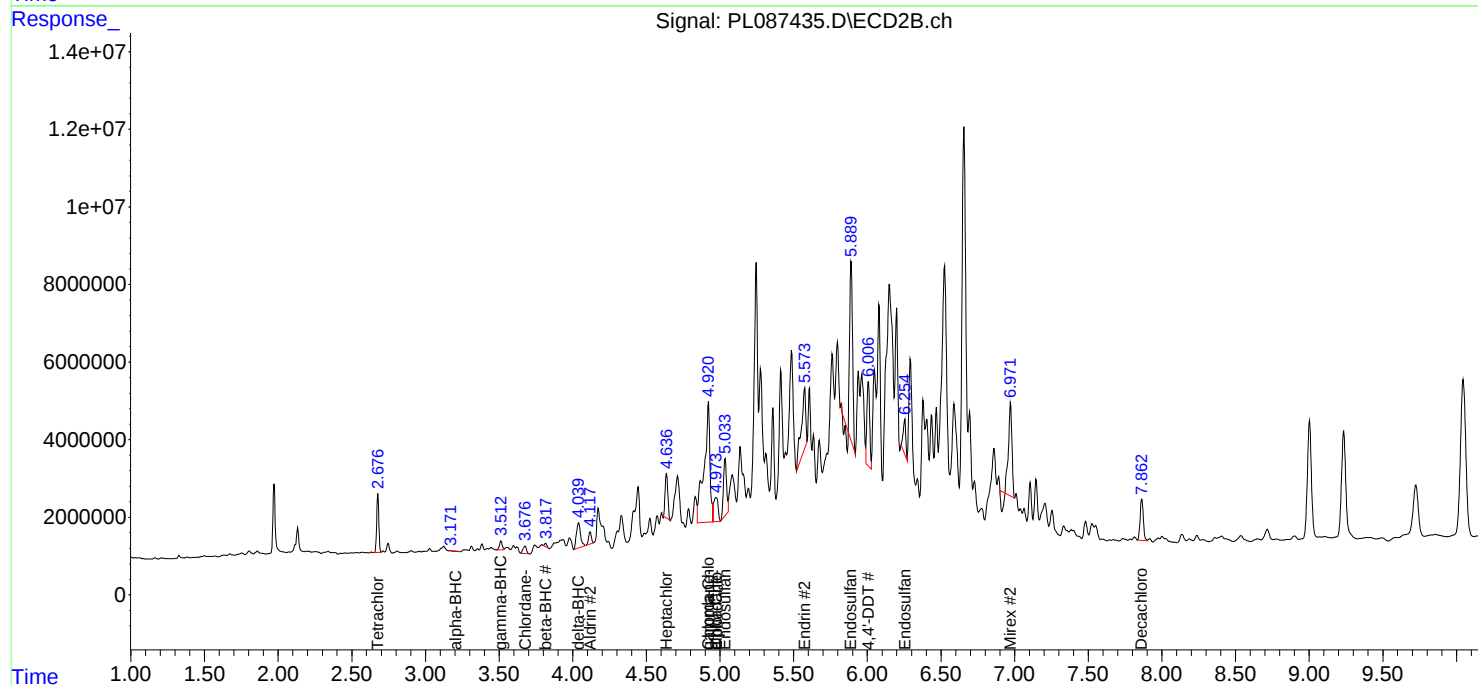
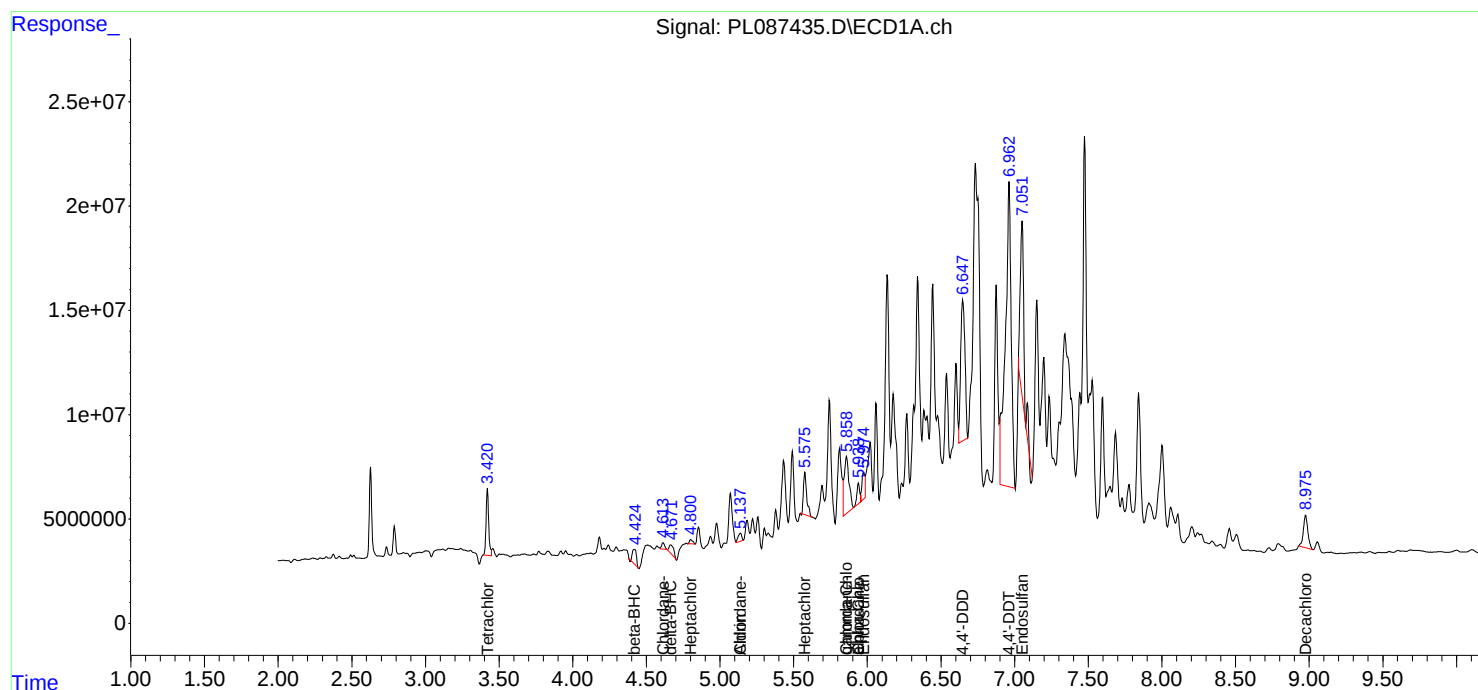
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

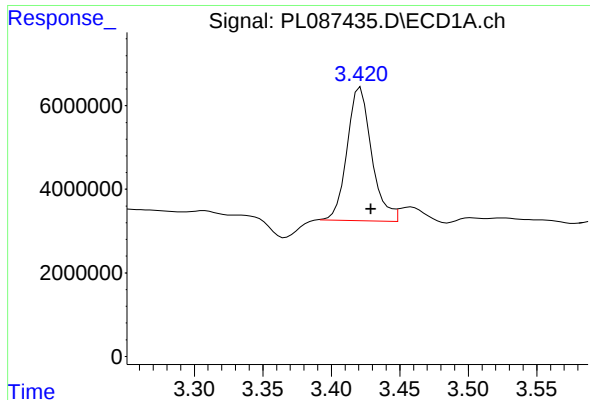
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122523\  
Data File : PL087435.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Dec 2023 17:54  
Operator : AR\AJ  
Sample : 05899-11  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-01

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 25 23:30:16 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 04:03:23 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

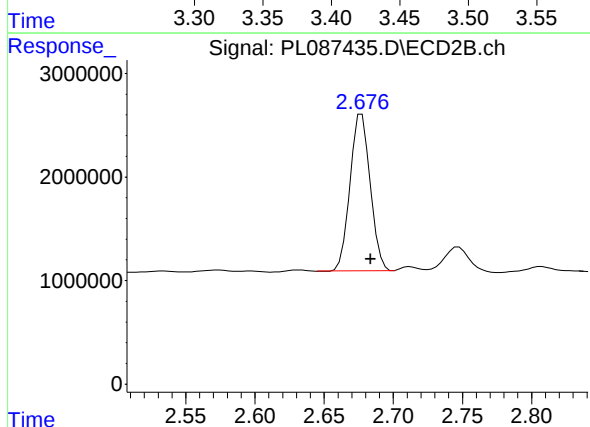




#1 Tetrachloro-m-xylene

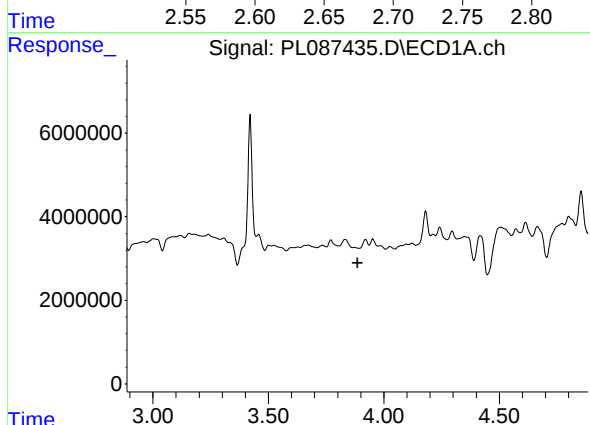
R.T.: 3.421 min  
Delta R.T.: -0.008 min  
Response: 39768205  
Conc: 10.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-01



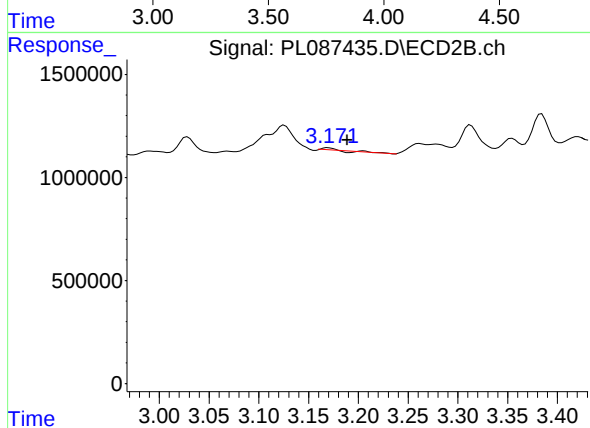
#1 Tetrachloro-m-xylene

R.T.: 2.677 min  
Delta R.T.: -0.006 min  
Response: 15342080  
Conc: 9.11 ng/ml



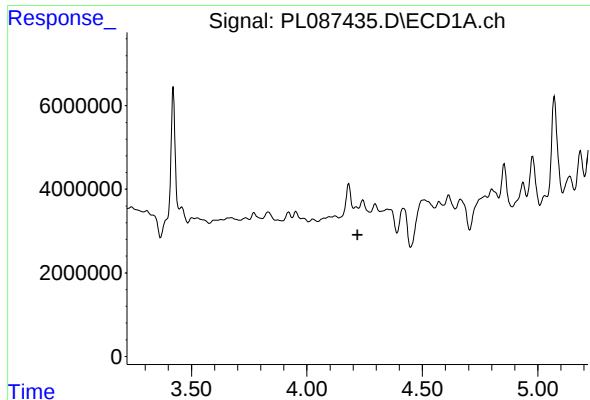
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 3.885 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

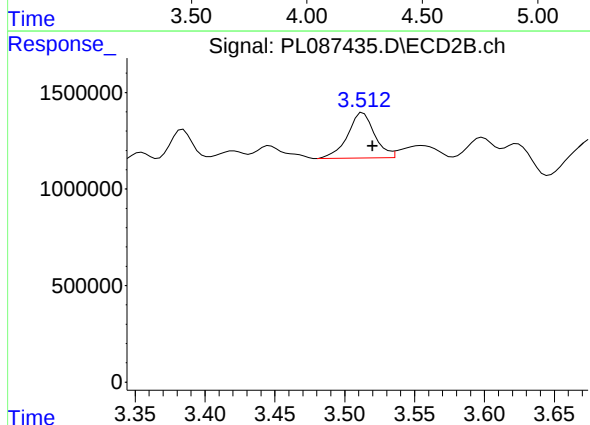
R.T.: 3.205 min  
Delta R.T.: 0.016 min  
Response: 16324  
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

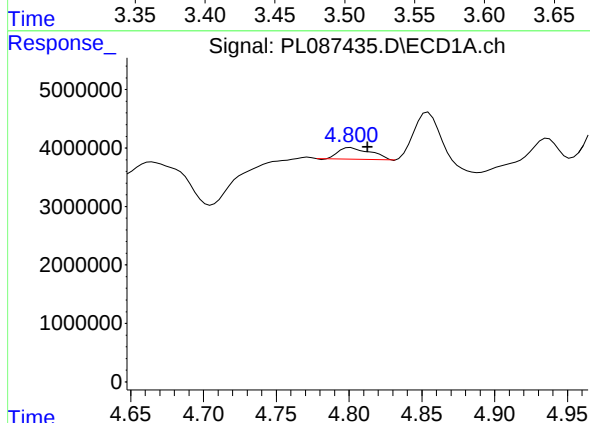
R.T.: 4.214 min  
Delta R.T.: -0.006 min  
Response: -1453457  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-01



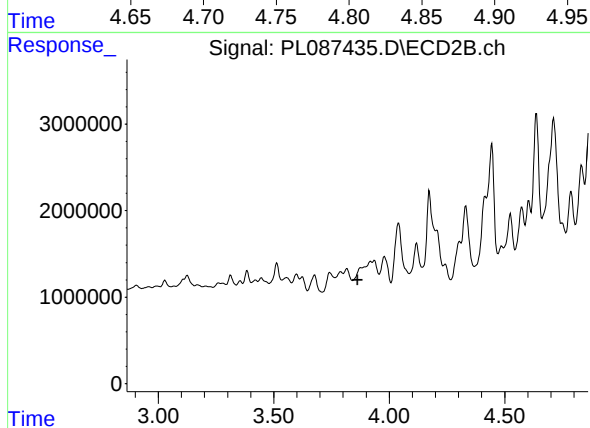
#3 gamma-BHC (Lindane)

R.T.: 3.513 min  
Delta R.T.: -0.007 min  
Response: 3170048  
Conc: 1.31 ng/ml



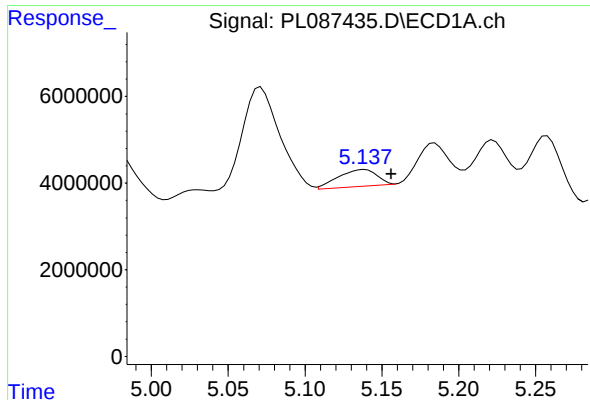
#4 Heptachlor

R.T.: 4.801 min  
Delta R.T.: -0.011 min  
Response: 3042022  
Conc: 0.57 ng/ml



#4 Heptachlor

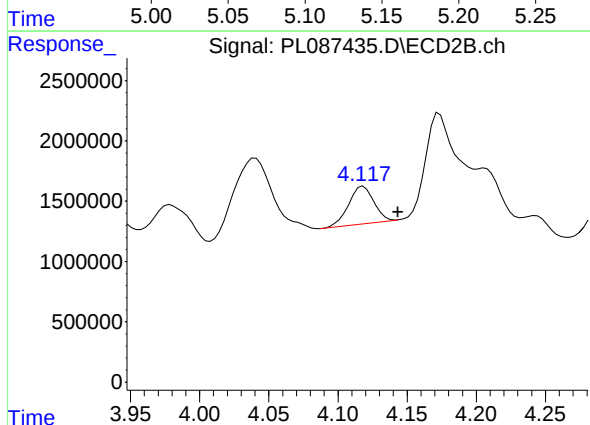
R.T.: 0.000 min  
Exp R.T.: 3.863 min  
Response: 0  
Conc: N.D.



#5 Aldrin

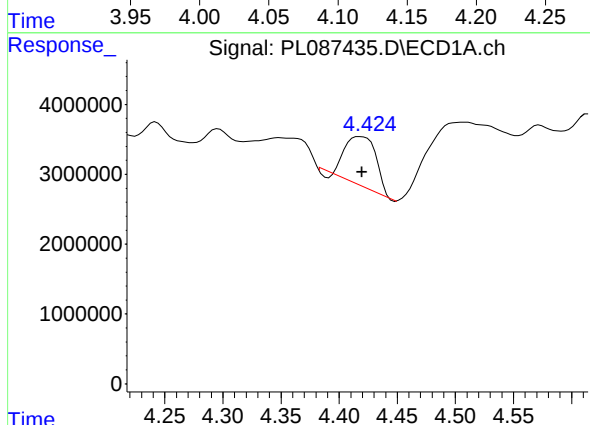
R.T.: 5.139 min  
Delta R.T.: -0.018 min  
Response: 6766683  
Conc: 1.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-01



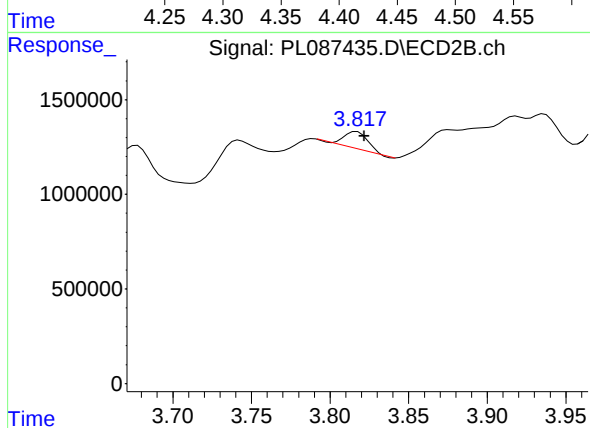
#5 Aldrin

R.T.: 4.119 min  
Delta R.T.: -0.025 min  
Response: 3938110  
Conc: 1.64 ng/ml



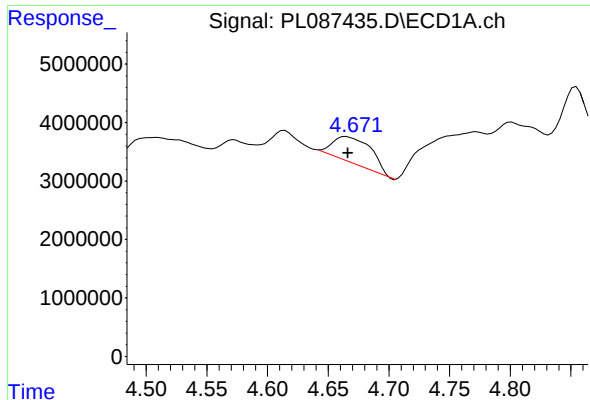
#6 beta-BHC

R.T.: 4.418 min  
Delta R.T.: -0.002 min  
Response: 12920579  
Conc: 5.63 ng/ml



#6 beta-BHC

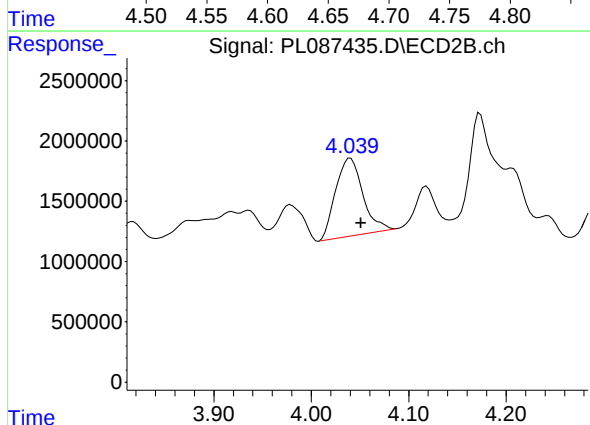
R.T.: 3.817 min  
Delta R.T.: -0.005 min  
Response: 942491  
Conc: 0.91 ng/ml



#7 delta-BHC

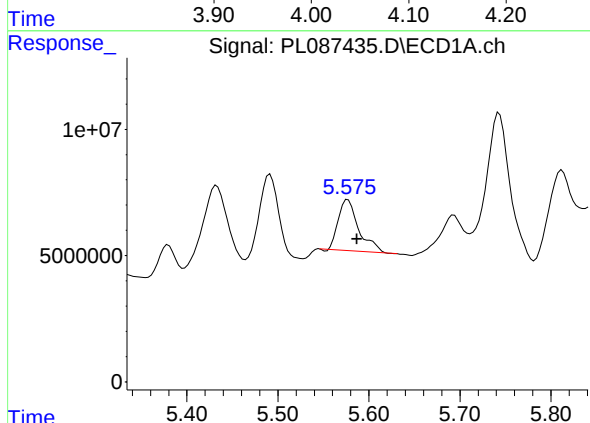
R.T.: 4.665 min  
Delta R.T.: -0.001 min  
Response: 9937356  
Conc: 1.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-01



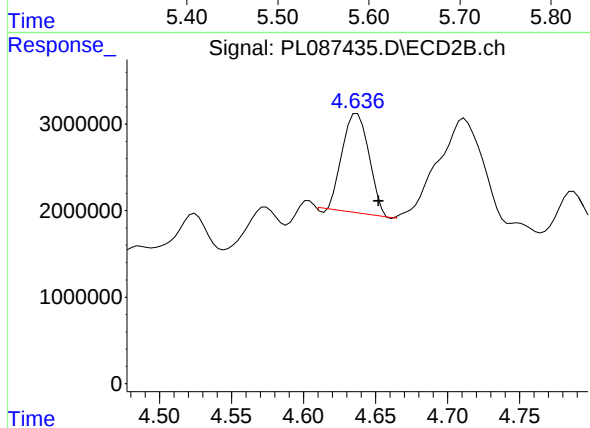
#7 delta-BHC

R.T.: 4.040 min  
Delta R.T.: -0.011 min  
Response: 12527648  
Conc: 5.12 ng/ml



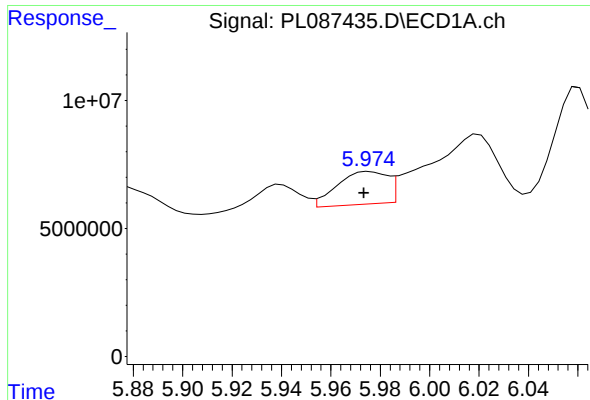
#8 Heptachlor epoxide

R.T.: 5.577 min  
Delta R.T.: -0.010 min  
Response: 31171751  
Conc: 6.61 ng/ml



#8 Heptachlor epoxide

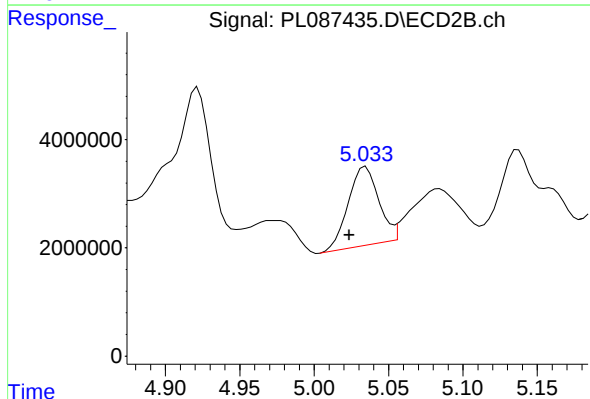
R.T.: 4.637 min  
Delta R.T.: -0.015 min  
Response: 14665388  
Conc: 6.59 ng/ml



#9 Endosulfan I

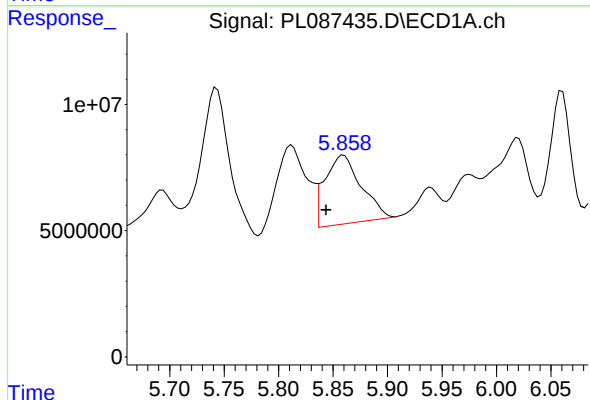
R.T.: 5.976 min  
Delta R.T.: 0.002 min  
Response: 18050212  
Conc: 4.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-01



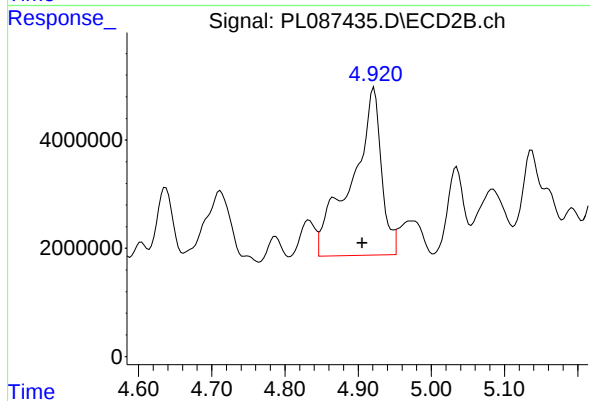
#9 Endosulfan I

R.T.: 5.035 min  
Delta R.T.: 0.011 min  
Response: 20826833  
Conc: 9.64 ng/ml



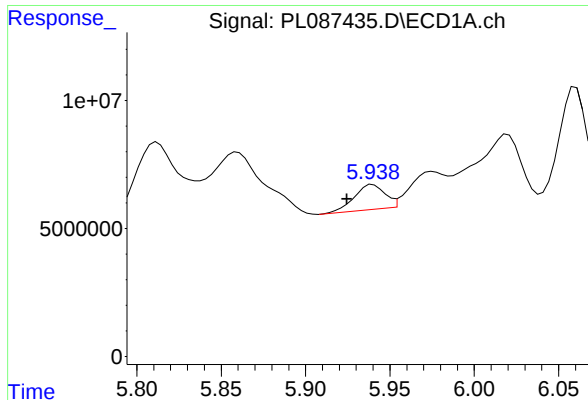
#10 gamma-Chlordane

R.T.: 5.860 min  
Delta R.T.: 0.016 min  
Response: 62744425  
Conc: 12.94 ng/ml



#10 gamma-Chlordane

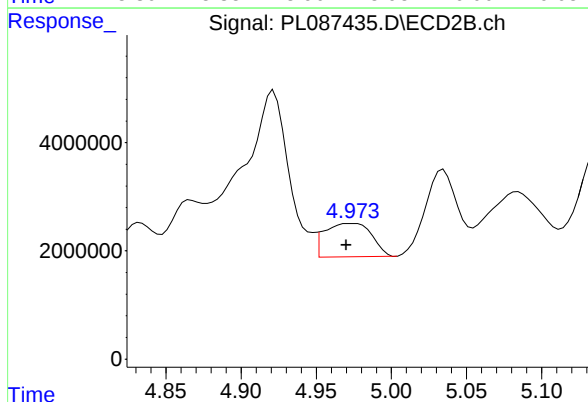
R.T.: 4.921 min  
Delta R.T.: 0.015 min  
Response: 87055767  
Conc: 38.06 ng/ml



#11 alpha-Chlordane

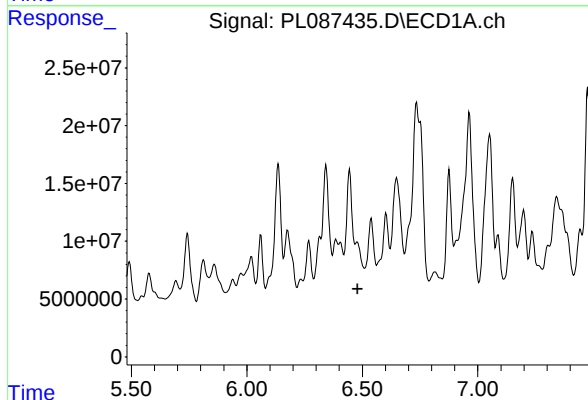
R.T.: 5.940 min  
Delta R.T.: 0.015 min  
Response: 12362036  
Conc: 2.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-01



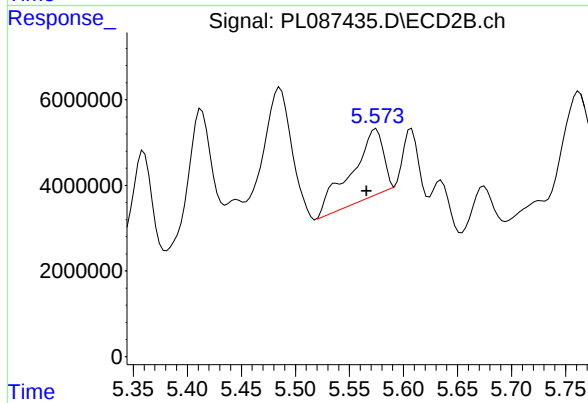
#11 alpha-Chlordane

R.T.: 4.974 min  
Delta R.T.: 0.004 min  
Response: 13417456  
Conc: 5.81 ng/ml



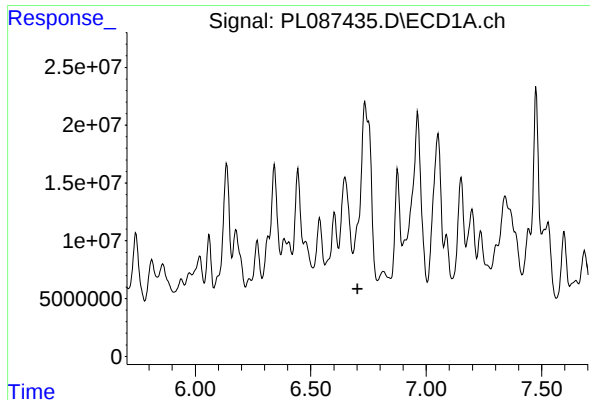
#14 Endrin

R.T.: 6.478 min  
Delta R.T.: -0.003 min  
Response: -35223034  
Conc: N.D.



#14 Endrin

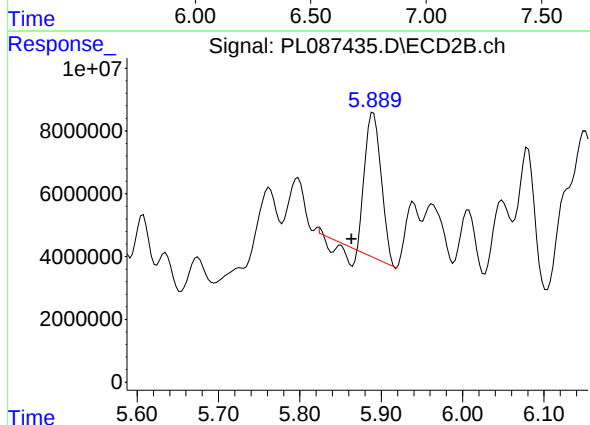
R.T.: 5.574 min  
Delta R.T.: 0.008 min  
Response: 32133527  
Conc: 16.10 ng/ml



#15 Endosulfan II

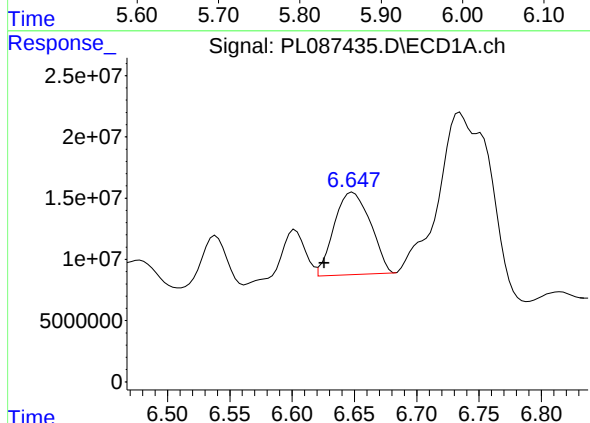
R.T.: 0.000 min  
Exp R.T.: 6.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-01



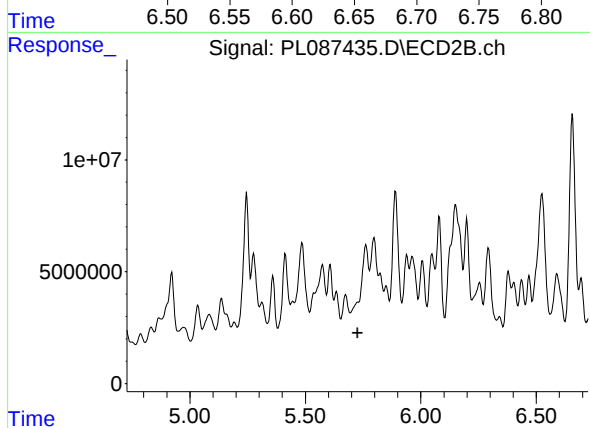
#15 Endosulfan II

R.T.: 5.890 min  
Delta R.T.: 0.027 min  
Response: 61958777  
Conc: 31.82 ng/ml



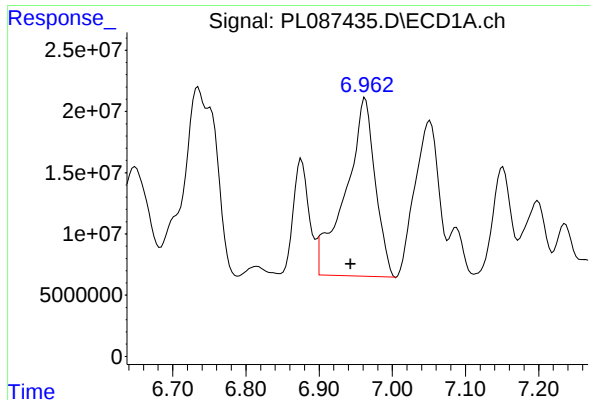
#16 4,4'-DDD

R.T.: 6.649 min  
Delta R.T.: 0.023 min  
Response: 136712179  
Conc: 41.36 ng/ml



#16 4,4'-DDD

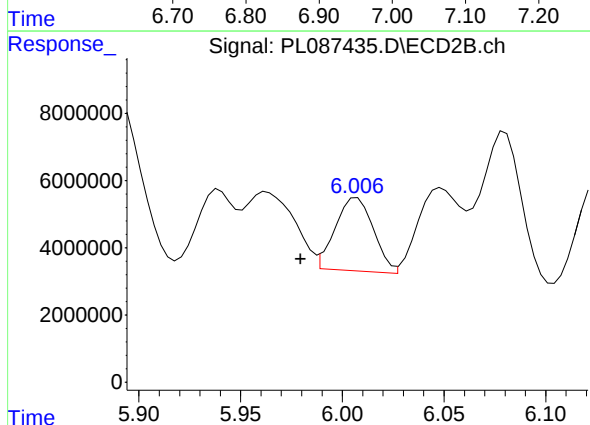
R.T.: 0.000 min  
Exp R.T.: 5.727 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

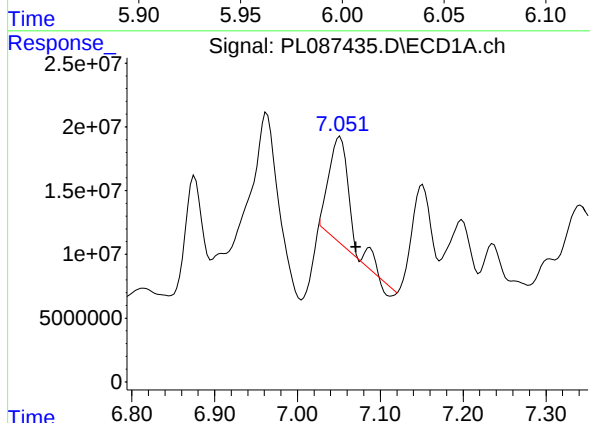
R.T.: 6.963 min  
Delta R.T.: 0.020 min  
Response: 407374516  
Conc: 108.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-01



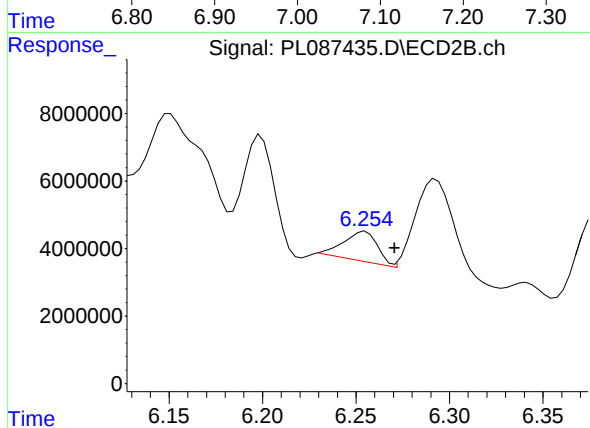
#17 4,4'-DDT

R.T.: 6.007 min  
Delta R.T.: 0.028 min  
Response: 28463769  
Conc: 15.43 ng/ml



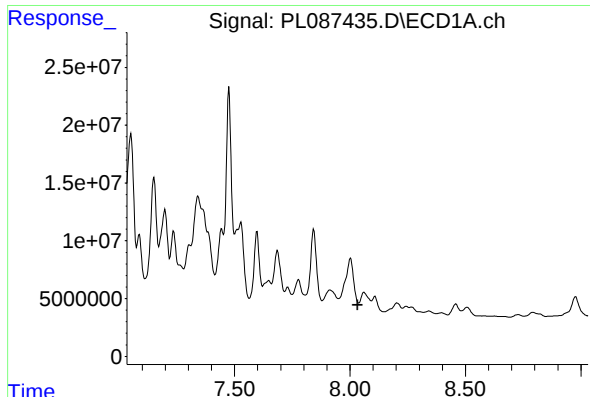
#19 Endosulfan Sulfate

R.T.: 7.051 min  
Delta R.T.: -0.020 min  
Response: 130308489  
Conc: 33.18 ng/ml



#19 Endosulfan Sulfate

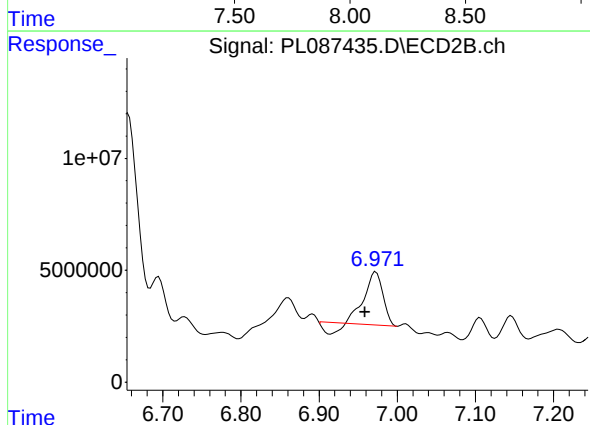
R.T.: 6.254 min  
Delta R.T.: -0.017 min  
Response: 11320723  
Conc: 6.01 ng/ml



#22 Mirex

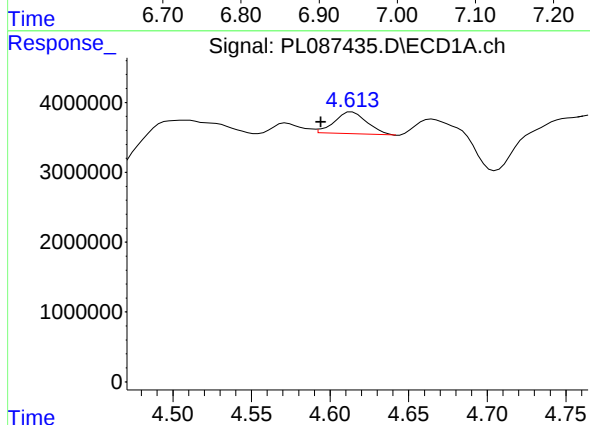
R.T.: 8.061 min  
Delta R.T.: 0.028 min  
Response: -32690292  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-01



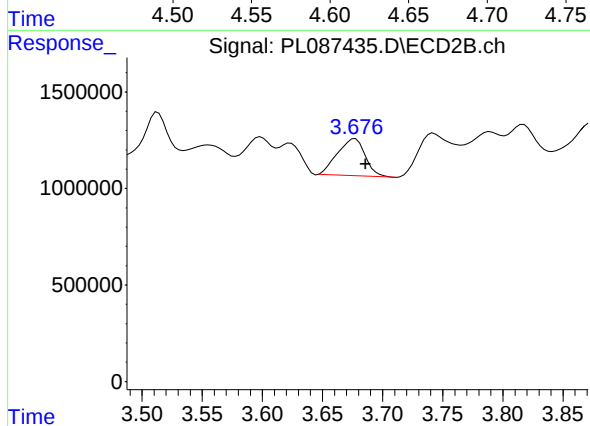
#22 Mirex

R.T.: 6.973 min  
Delta R.T.: 0.014 min  
Response: 33718491  
Conc: 18.95 ng/ml



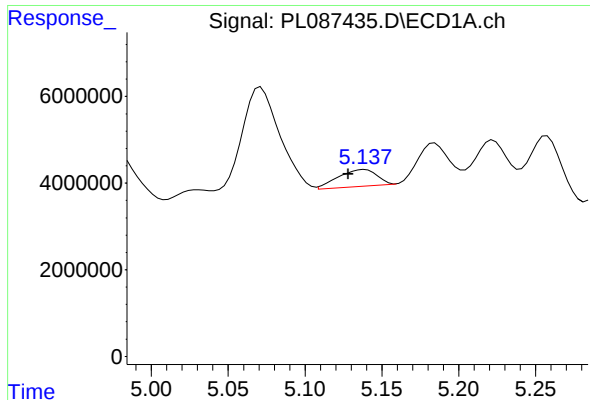
#23 Chlordane-1

R.T.: 4.614 min  
Delta R.T.: 0.020 min  
Response: 4400419  
Conc: 27.89 ng/ml



#23 Chlordane-1

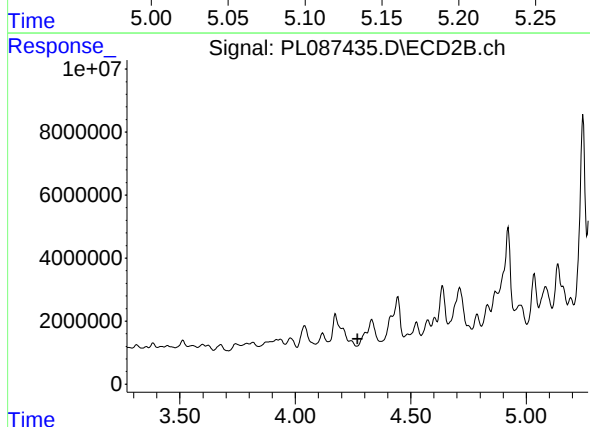
R.T.: 3.677 min  
Delta R.T.: -0.009 min  
Response: 3102969  
Conc: 50.02 ng/ml



#24 Chlordane-2

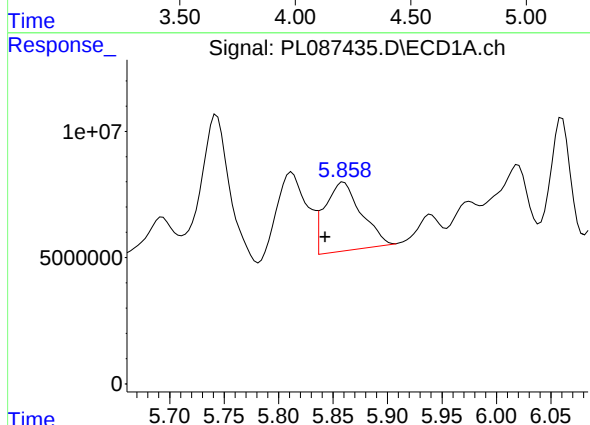
R.T.: 5.139 min  
Delta R.T.: 0.010 min  
Response: 6766683  
Conc: 38.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-01



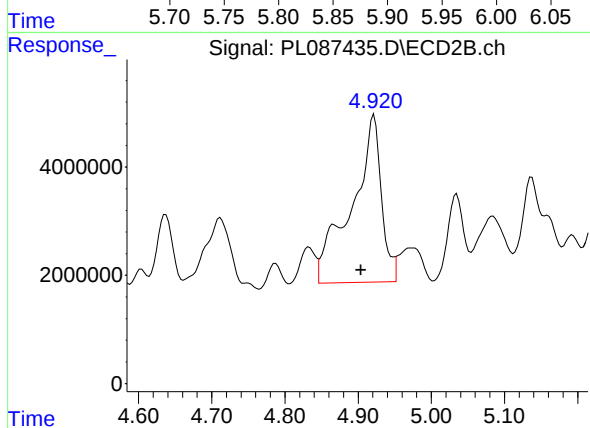
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.269 min  
Response: 0  
Conc: N.D.



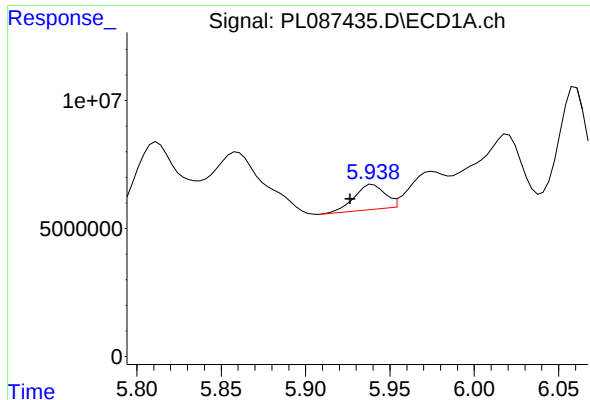
#25 Chlordane-3

R.T.: 5.860 min  
Delta R.T.: 0.016 min  
Response: 62744425  
Conc: 90.01 ng/ml



#25 Chlordane-3

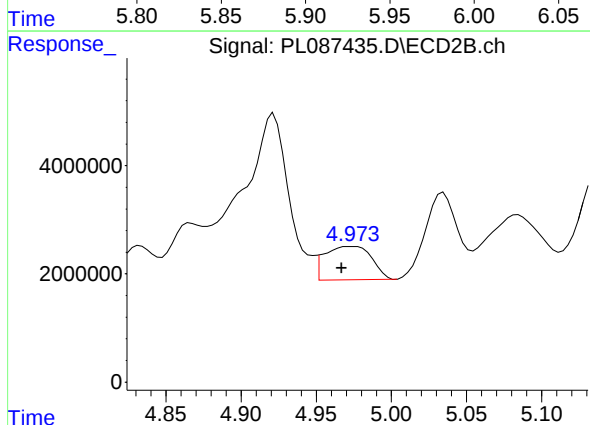
R.T.: 4.921 min  
Delta R.T.: 0.017 min  
Response: 87055767  
Conc: 393.80 ng/ml



#26 Chlordane-4

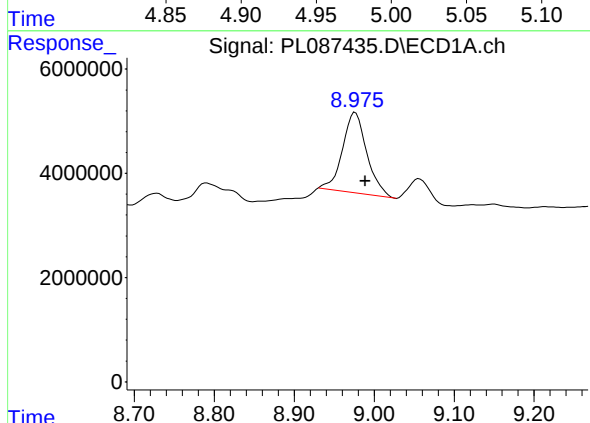
R.T.: 5.940 min  
Delta R.T.: 0.013 min  
Response: 12362036  
Conc: 14.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-01



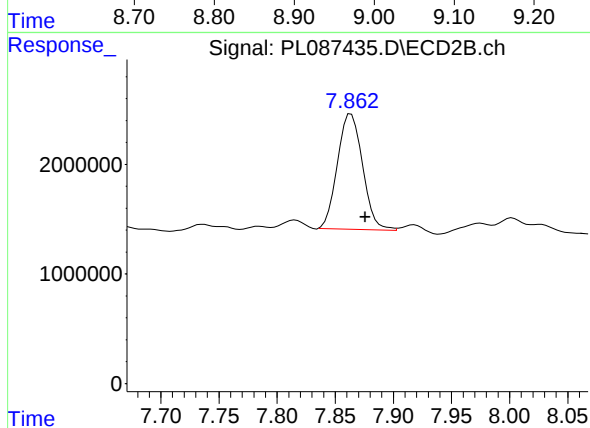
#26 Chlordane-4

R.T.: 4.974 min  
Delta R.T.: 0.007 min  
Response: 13417456  
Conc: 57.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.976 min  
Delta R.T.: -0.013 min  
Response: 32763461  
Conc: 9.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: -0.012 min  
Response: 15871752  
Conc: 9.40 ng/ml