

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122523\  
 Data File : PL087436.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Dec 2023 18:08  
 Operator : AR\AJ  
 Sample : 05899-12  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 GHL-SS-02

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 25 23:30:32 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... | 3.422  | 2.677  | 52979437 | 18847844 | 14.077 | 11.197   |
| 28)                         | SA Decachlor... | 8.977  | 7.864  | 41251687 | 18241022 | 12.098 | 10.800   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.177  | 0        | 368571   | N.D.   | 0.150 #  |
| 3)                          | MA gamma-BHC... | 4.221  | 3.513  | -7144703 | 6828162  | N.D.   | 2.819    |
| 4)                          | MA Heptachlor   | 4.813  | 3.873  | -421291  | 7614235  | N.D.   | 3.185    |
| 5)                          | MB Aldrin       | 5.179f | 4.158  | 6529967  | 2603123  | 1.254  | 1.086    |
| 6)                          | B beta-BHC      | 4.423  | 3.823  | 11654509 | -69731   | 5.074  | N.D. #   |
| 7)                          | B delta-BHC     | 4.678  | 4.050  | 10657662 | 1849374  | 2.038  | 0.756 #  |
| 8)                          | B Heptachlo...  | 5.573  | 4.636f | 4442137  | 872585   | 0.943  | 0.392 #  |
| 9)                          | A Endosulfan I  | 6.002f | 5.035  | 58998471 | 18151660 | 13.210 | 8.399 #  |
| 10)                         | B gamma-Chl...  | 5.830  | 4.924f | 7512252  | 9561616  | 1.550  | 4.180 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 4.971  | 0        | 4448927  | N.D.   | 1.928 #  |
| 13)                         | MA Dieldrin     | 6.268f | 5.279  | 3775588  | -967857  | 0.814  | N.D. #   |
| 14)                         | MA Endrin       | 0.000  | 5.573  | 0        | 3487854  | N.D.   | 1.748 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.889f | 0        | 5981520  | N.D.   | 3.072 #  |
| 16)                         | A 4,4'-DDD      | 6.602f | 0.000  | 5863833  | 0        | 1.774  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.965f | 5.964f | 21416712 | 3291994  | 5.696  | 1.785 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.254f | 0        | 104666   | N.D.   | 0.056 #  |
| 22)                         | Mirex           | 0.000  | 6.972  | 0        | 3233734  | N.D.   | 1.818 #  |
| 24)                         | Chlordane-2     | 5.125  | 4.242f | 3537271  | 493024   | 20.307 | 6.422 #  |
| 25)                         | Chlordane-3     | 5.830  | 4.924f | 7512252  | 9561616  | 10.777 | 43.252 # |
| 26)                         | Chlordane-4     | 0.000  | 4.971  | 0        | 4448927  | N.D.   | 19.109 # |
| -----                       |                 |        |        |          |          |        |          |

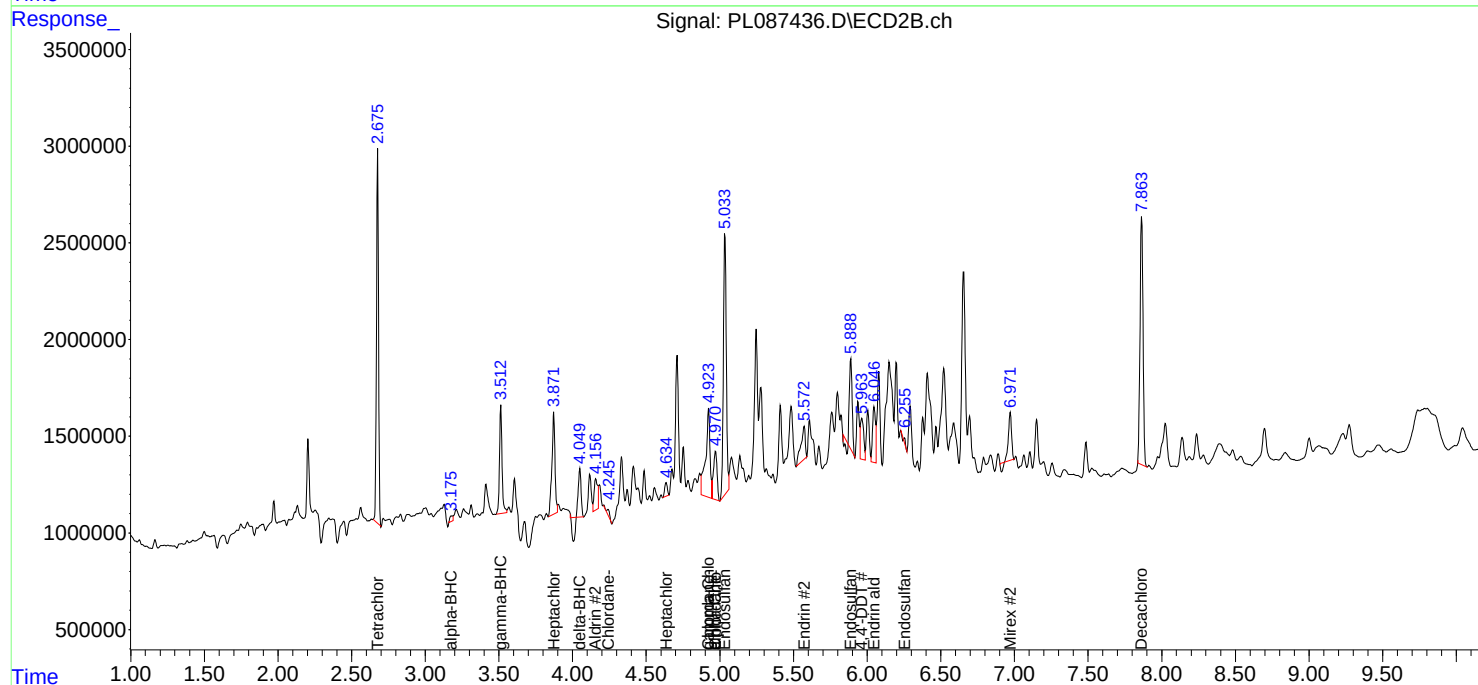
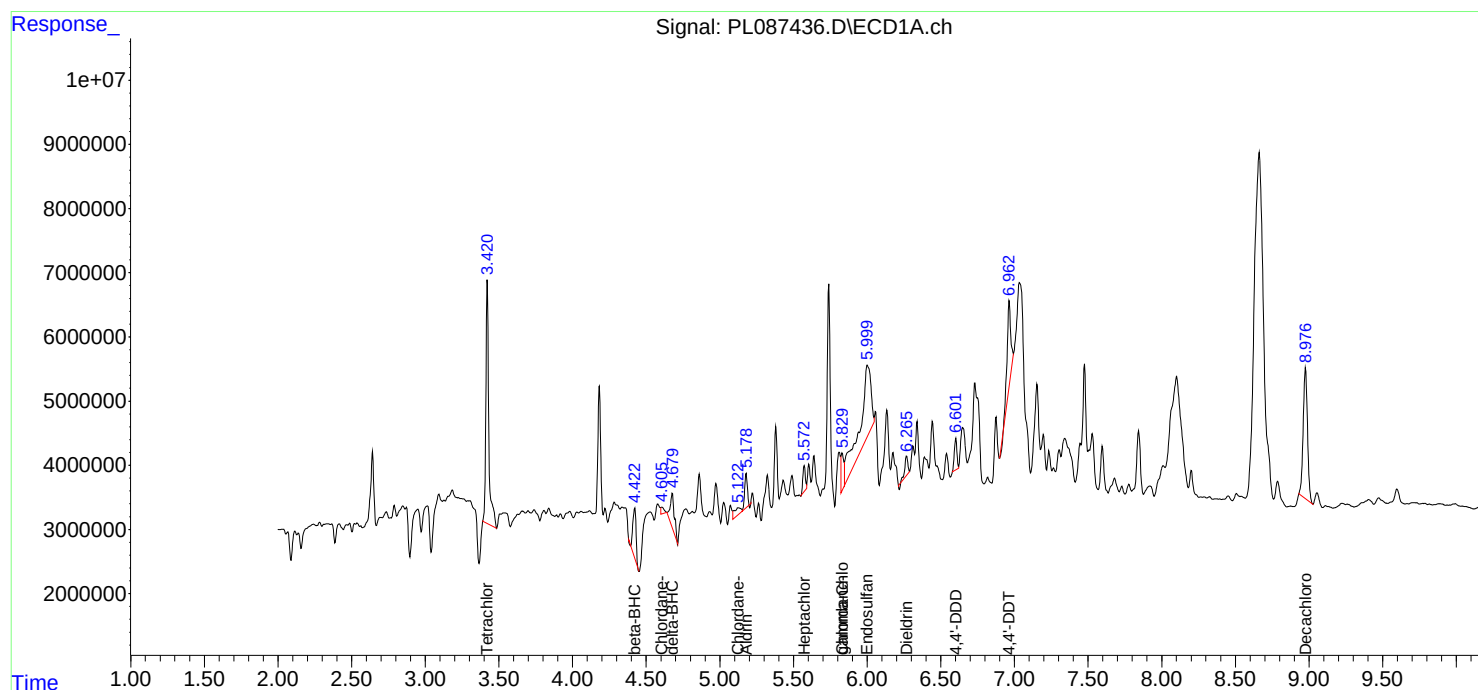
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

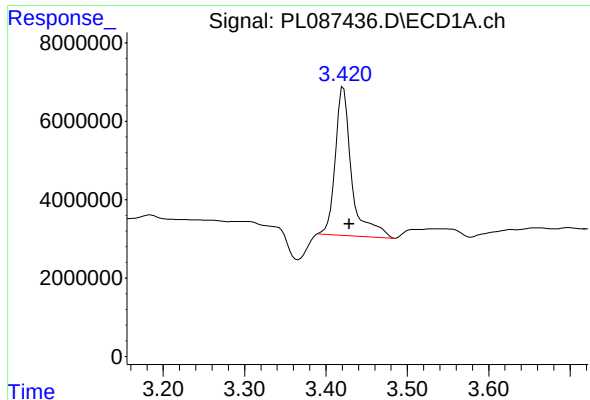
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122523\  
Data File : PL087436.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Dec 2023 18:08  
Operator : AR\AJ  
Sample : 05899-12  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 25 23:30:32 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

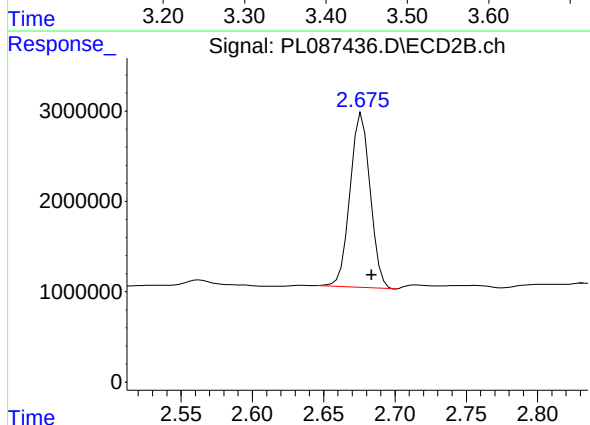




#1 Tetrachloro-m-xylene

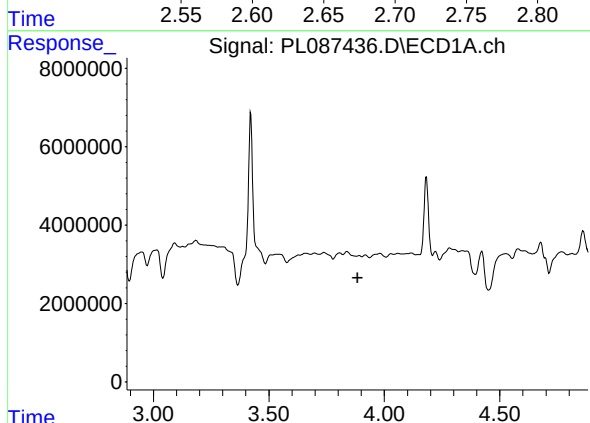
R.T.: 3.422 min  
Delta R.T.: -0.007 min  
Response: 52979437  
Conc: 14.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02



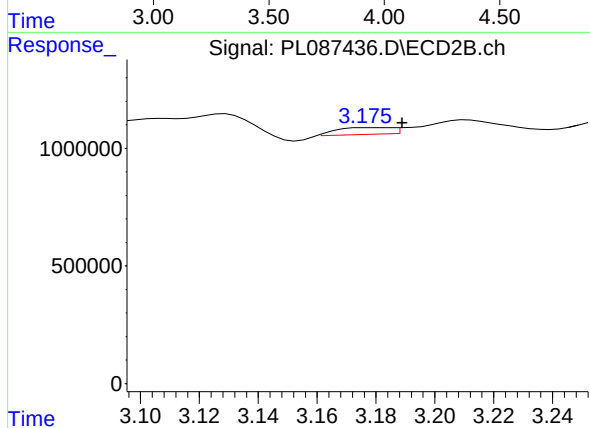
#1 Tetrachloro-m-xylene

R.T.: 2.677 min  
Delta R.T.: -0.007 min  
Response: 18847844  
Conc: 11.20 ng/ml



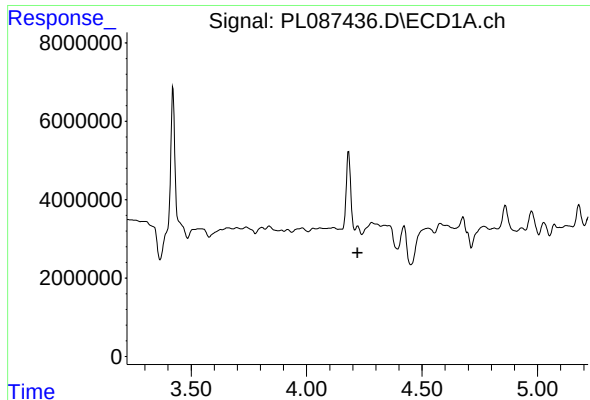
#2 alpha-BHC

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



#2 alpha-BHC

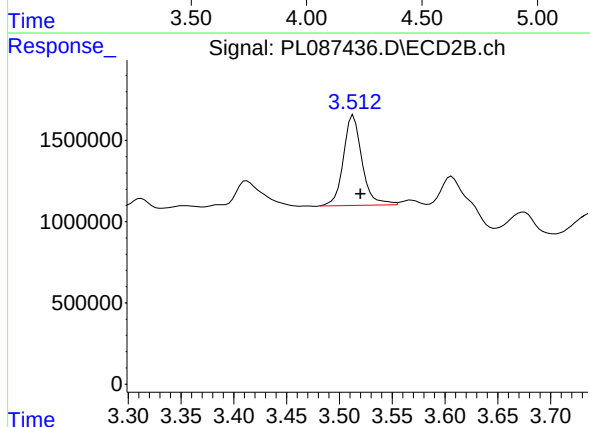
R.T.: 3.177 min  
Delta R.T.: -0.012 min  
Response: 368571  
Conc: 0.15 ng/ml



#3 gamma-BHC (Lindane)

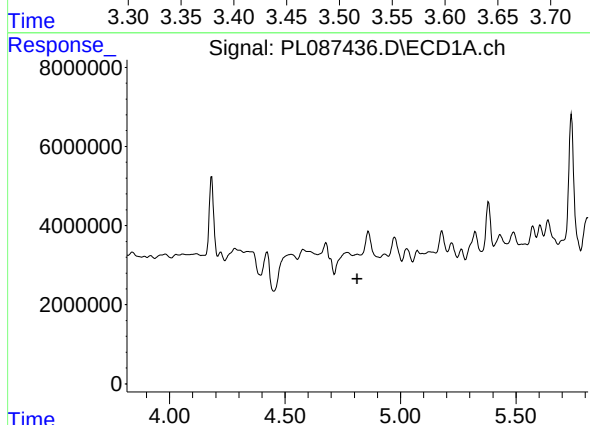
R.T.: 4.221 min  
Delta R.T.: 0.002 min  
Response: -7144703  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02



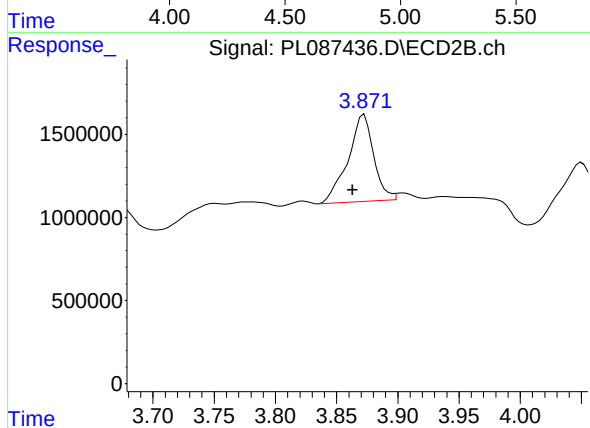
#3 gamma-BHC (Lindane)

R.T.: 3.513 min  
Delta R.T.: -0.007 min  
Response: 6828162  
Conc: 2.82 ng/ml



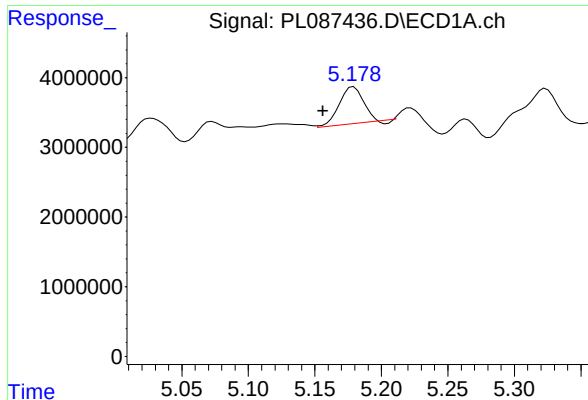
#4 Heptachlor

R.T.: 4.813 min  
Delta R.T.: 0.000 min  
Response: -421291  
Conc: N.D.



#4 Heptachlor

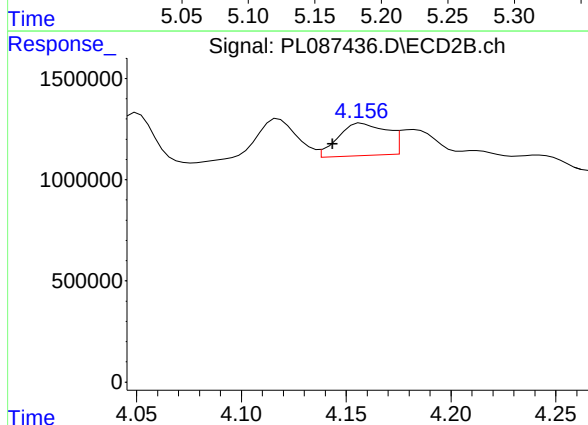
R.T.: 3.873 min  
Delta R.T.: 0.010 min  
Response: 7614235  
Conc: 3.19 ng/ml



#5 Aldrin

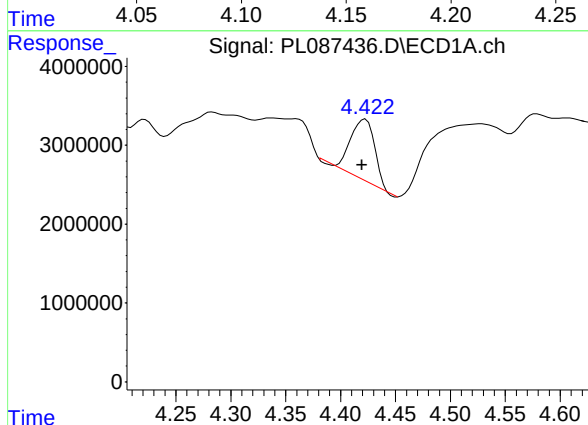
R.T.: 5.179 min  
Delta R.T.: 0.023 min  
Response: 6529967  
Conc: 1.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02



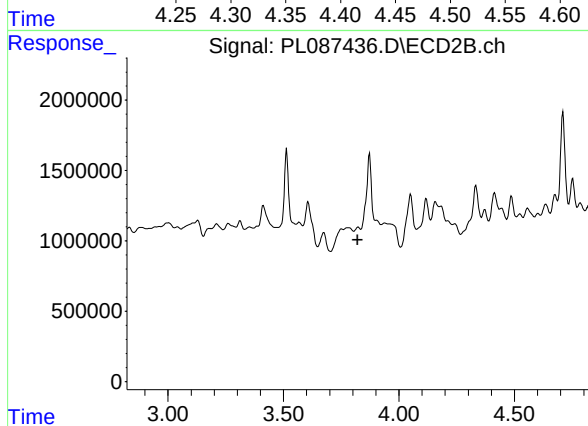
#5 Aldrin

R.T.: 4.158 min  
Delta R.T.: 0.014 min  
Response: 2603123  
Conc: 1.09 ng/ml



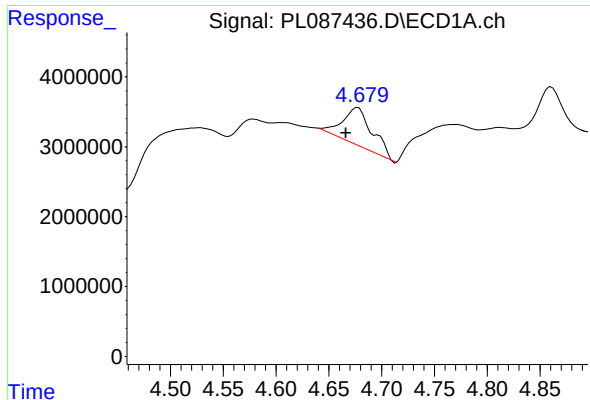
#6 beta-BHC

R.T.: 4.423 min  
Delta R.T.: 0.003 min  
Response: 11654509  
Conc: 5.07 ng/ml



#6 beta-BHC

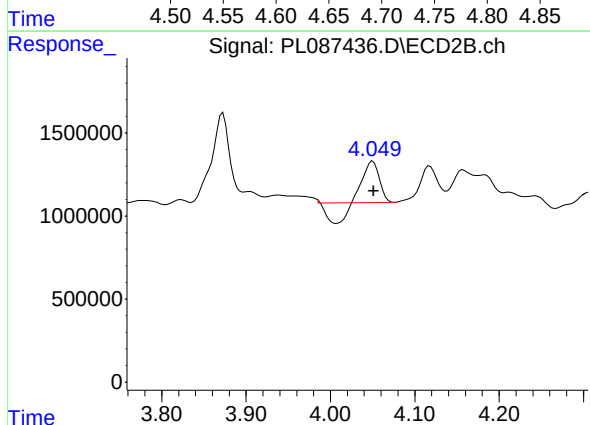
R.T.: 3.823 min  
Delta R.T.: 0.002 min  
Response: -69731  
Conc: N.D.



#7 delta-BHC

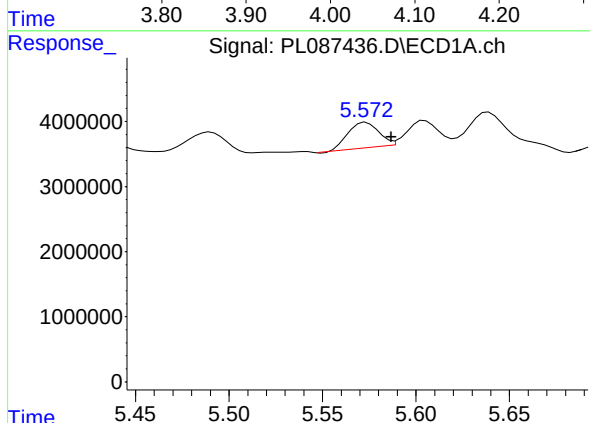
R.T.: 4.678 min  
Delta R.T.: 0.011 min  
Response: 10657662  
Conc: 2.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02



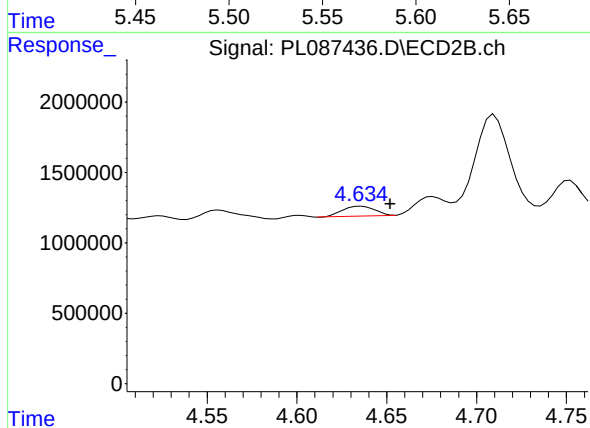
#7 delta-BHC

R.T.: 4.050 min  
Delta R.T.: 0.000 min  
Response: 1849374  
Conc: 0.76 ng/ml



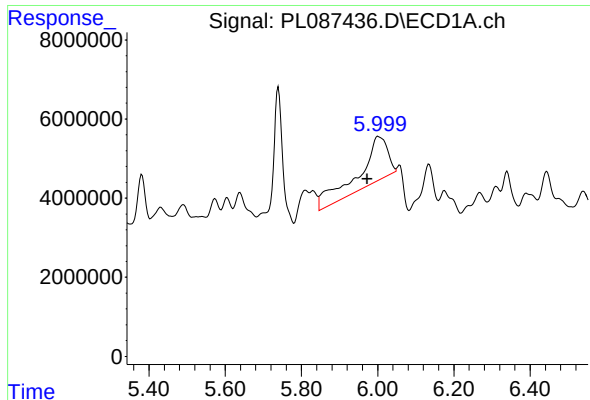
#8 Heptachlor epoxide

R.T.: 5.573 min  
Delta R.T.: -0.014 min  
Response: 4442137  
Conc: 0.94 ng/ml



#8 Heptachlor epoxide

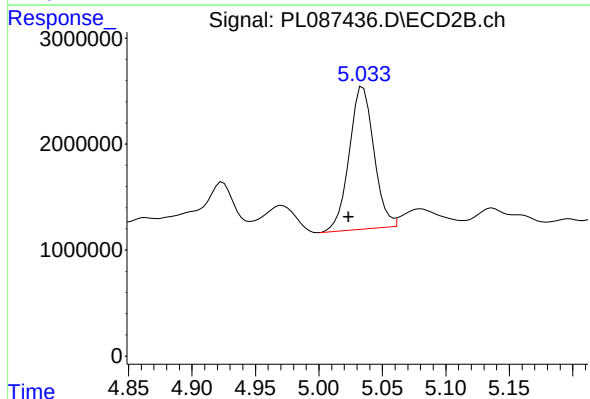
R.T.: 4.636 min  
Delta R.T.: -0.016 min  
Response: 872585  
Conc: 0.39 ng/ml



#9 Endosulfan I

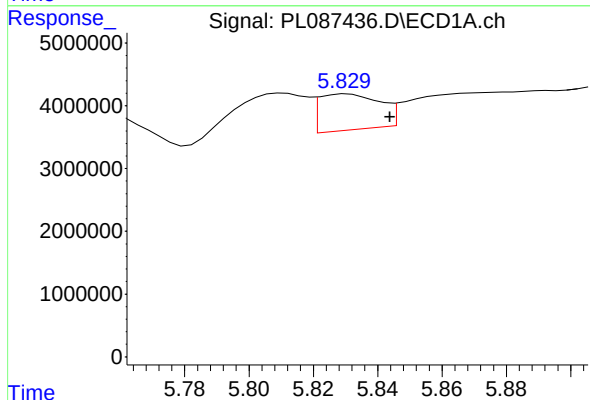
R.T.: 6.002 min  
Delta R.T.: 0.028 min  
Response: 58998471  
Conc: 13.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02



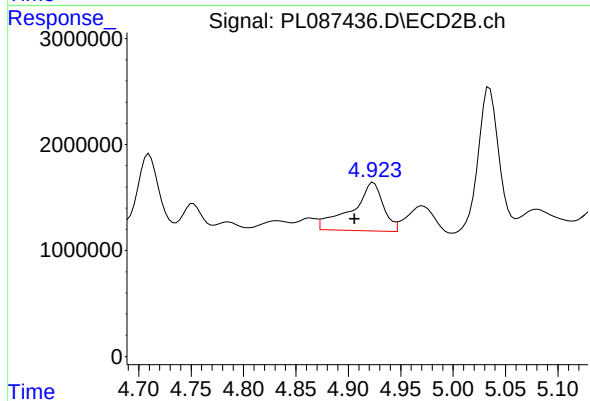
#9 Endosulfan I

R.T.: 5.035 min  
Delta R.T.: 0.011 min  
Response: 18151660  
Conc: 8.40 ng/ml



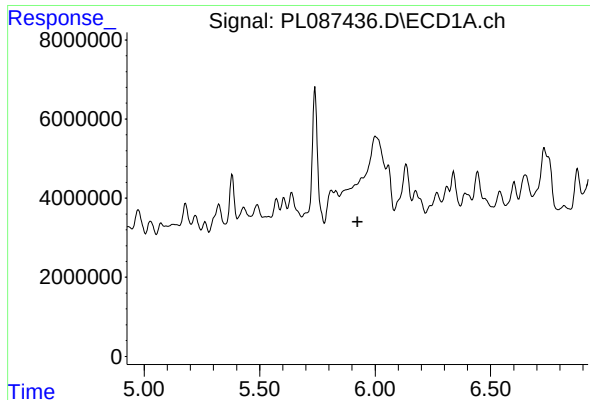
#10 gamma-Chlordane

R.T.: 5.830 min  
Delta R.T.: -0.013 min  
Response: 7512252  
Conc: 1.55 ng/ml



#10 gamma-Chlordane

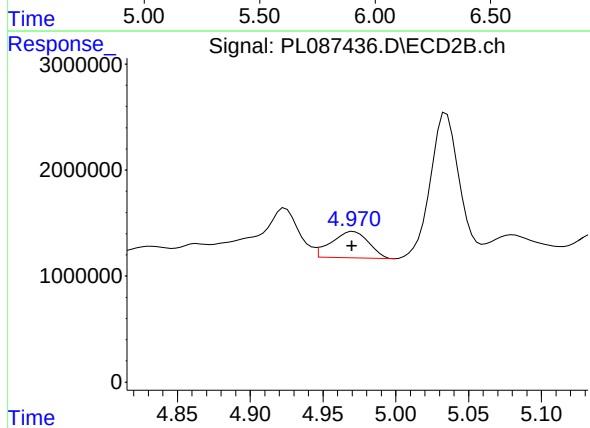
R.T.: 4.924 min  
Delta R.T.: 0.018 min  
Response: 9561616  
Conc: 4.18 ng/ml



#11 alpha-Chlordane

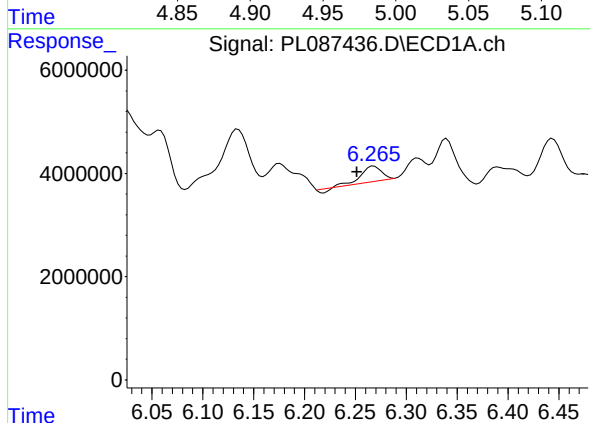
R.T.: 0.000 min  
Exp R.T.: 5.924 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02



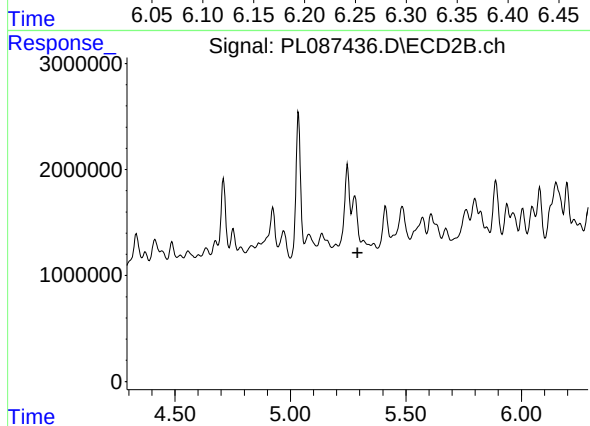
#11 alpha-Chlordane

R.T.: 4.971 min  
Delta R.T.: 0.001 min  
Response: 4448927  
Conc: 1.93 ng/ml



#13 Dieldrin

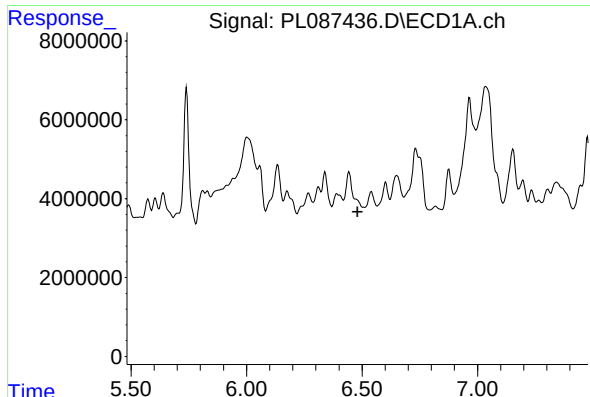
R.T.: 6.268 min  
Delta R.T.: 0.017 min  
Response: 3775588  
Conc: 0.81 ng/ml



#13 Dieldrin

R.T.: 5.279 min  
Delta R.T.: -0.012 min  
Response: -967857  
Conc: N.D.

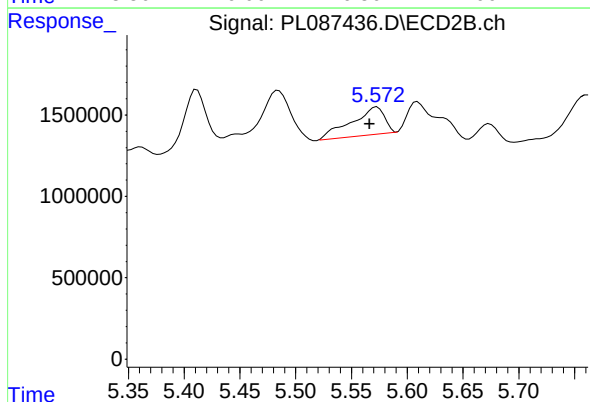




#14 Endrin

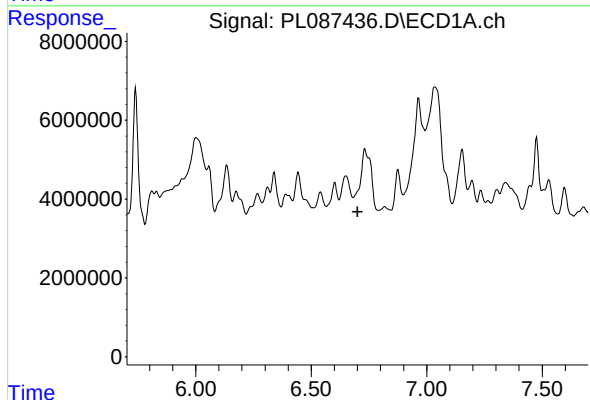
R.T.: 0.000 min  
Exp R.T.: 6.480 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02



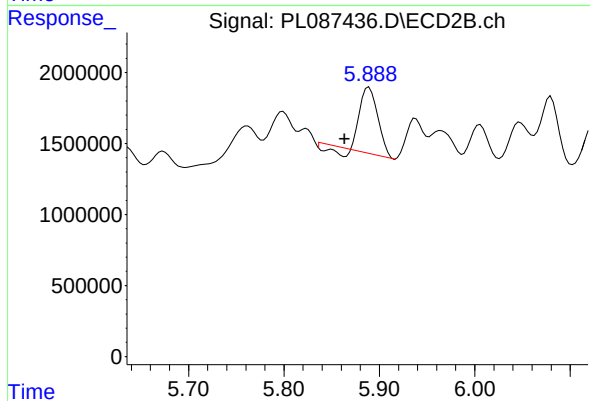
#14 Endrin

R.T.: 5.573 min  
Delta R.T.: 0.007 min  
Response: 3487854  
Conc: 1.75 ng/ml



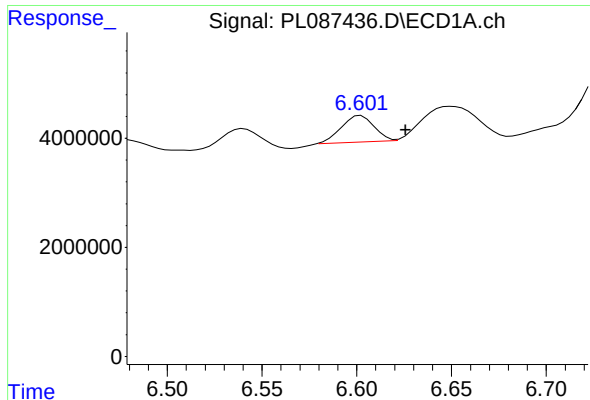
#15 Endosulfan II

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



#15 Endosulfan II

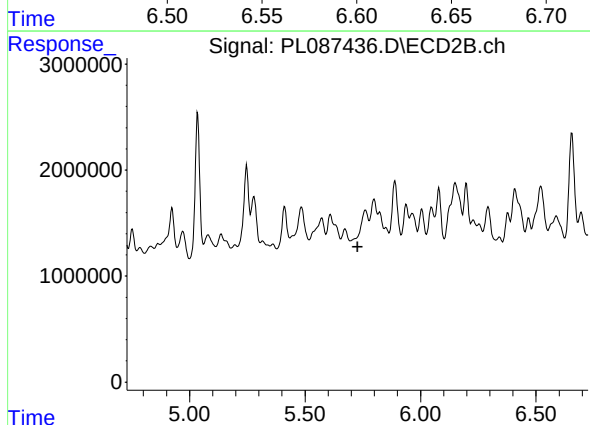
R.T.: 5.889 min  
Delta R.T.: 0.025 min  
Response: 5981520  
Conc: 3.07 ng/ml



#16 4,4'-DDD

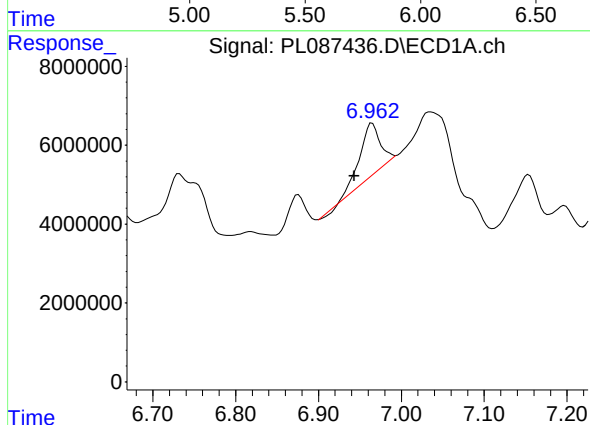
R.T.: 6.602 min  
Delta R.T.: -0.024 min  
Response: 5863833  
Conc: 1.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02



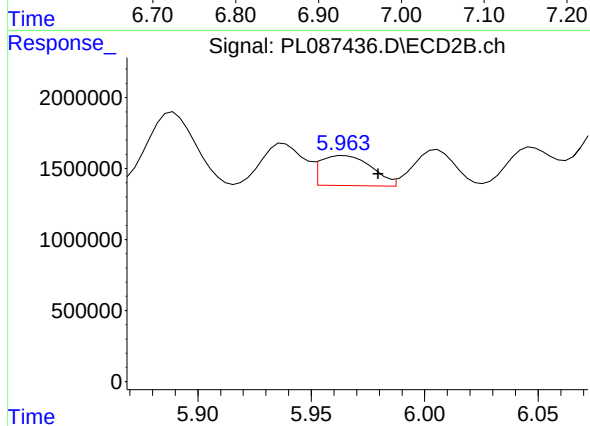
#16 4,4'-DDD

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



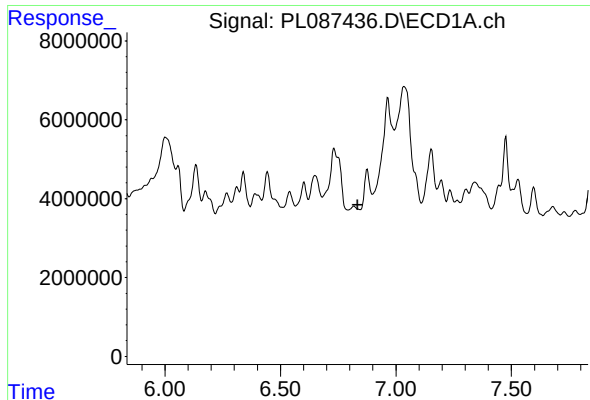
#17 4,4'-DDT

R.T.: 6.965 min  
Delta R.T.: 0.022 min  
Response: 21416712  
Conc: 5.70 ng/ml



#17 4,4'-DDT

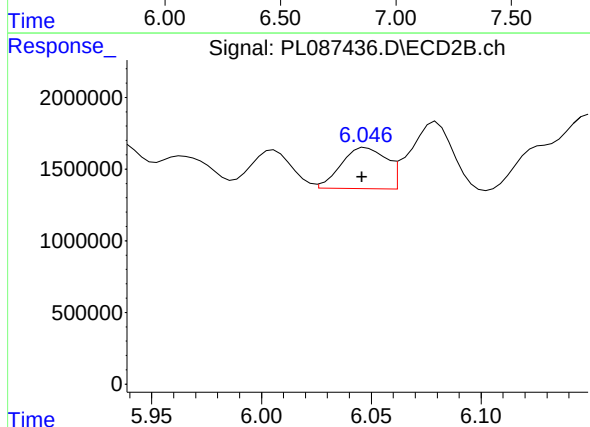
R.T.: 5.964 min  
Delta R.T.: -0.015 min  
Response: 3291994  
Conc: 1.78 ng/ml



#18 Endrin aldehyde

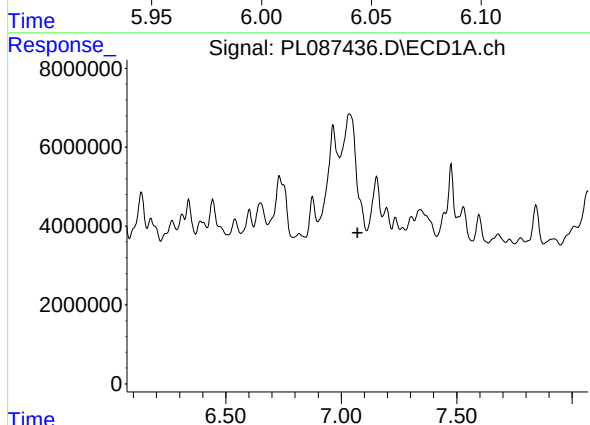
R.T.: 6.819 min  
Delta R.T.: -0.015 min  
Response: -15579749  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02



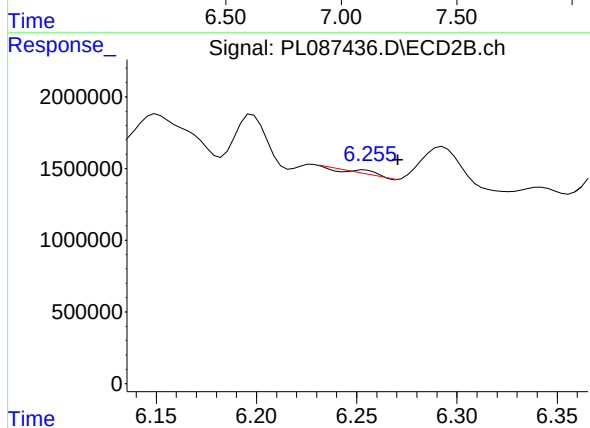
#18 Endrin aldehyde

R.T.: 6.048 min  
Delta R.T.: 0.002 min  
Response: 4075958  
Conc: 2.78 ng/ml



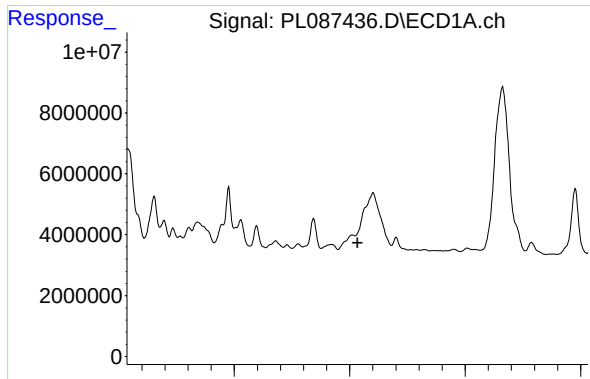
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 7.070 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

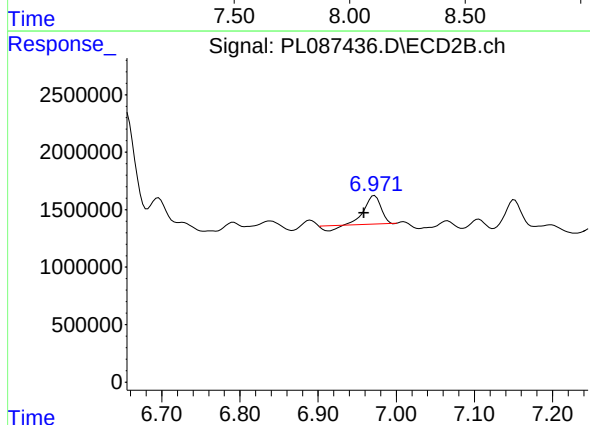
R.T.: 6.254 min  
Delta R.T.: -0.017 min  
Response: 104666  
Conc: 0.06 ng/ml



#22 Mirex

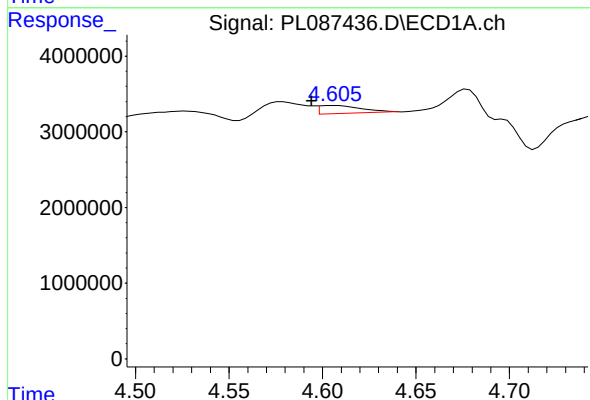
R.T.: 0.000 min  
Exp R.T.: 8.034 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02



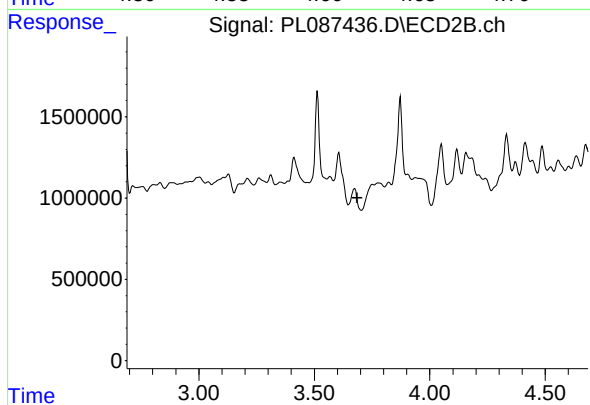
#22 Mirex

R.T.: 6.972 min  
Delta R.T.: 0.014 min  
Response: 3233734  
Conc: 1.82 ng/ml



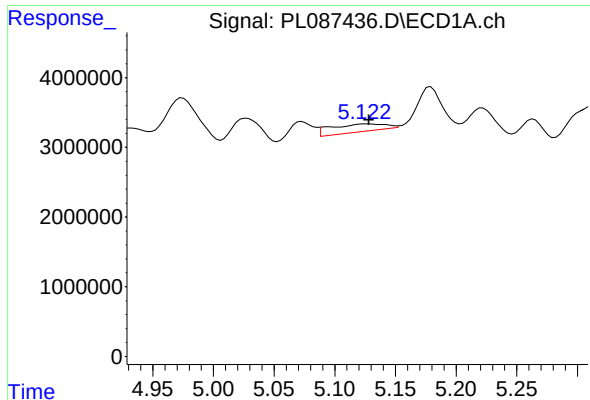
#23 Chlordane-1

R.T.: 4.607 min  
Delta R.T.: 0.012 min  
Response: 1632364  
Conc: 10.35 ng/ml



#23 Chlordane-1

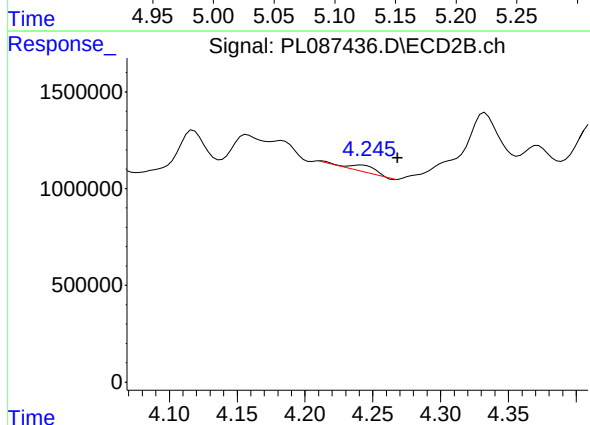
R.T.: 3.675 min  
Delta R.T.: -0.011 min  
Response: -1099016  
Conc: N.D.



#24 Chlordane-2

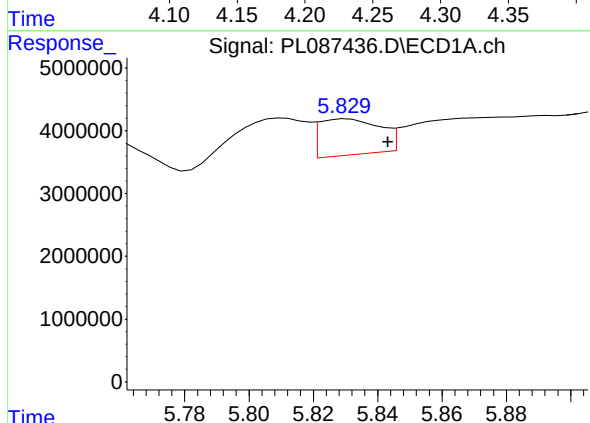
R.T.: 5.125 min  
Delta R.T.: -0.003 min  
Response: 3537271  
Conc: 20.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02



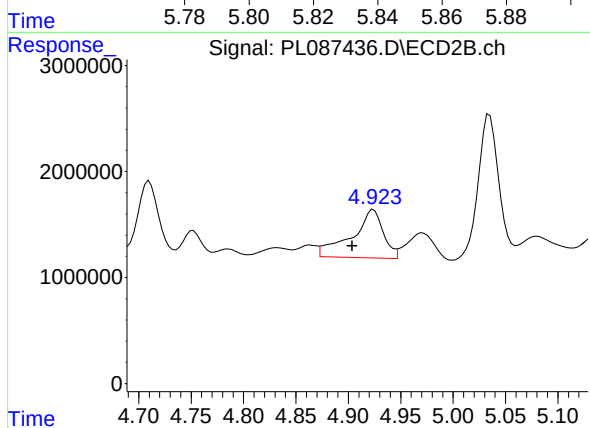
#24 Chlordane-2

R.T.: 4.242 min  
Delta R.T.: -0.027 min  
Response: 493024  
Conc: 6.42 ng/ml



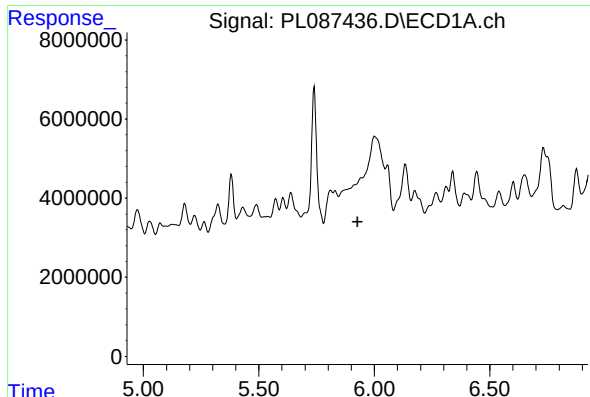
#25 Chlordane-3

R.T.: 5.830 min  
Delta R.T.: -0.013 min  
Response: 7512252  
Conc: 10.78 ng/ml



#25 Chlordane-3

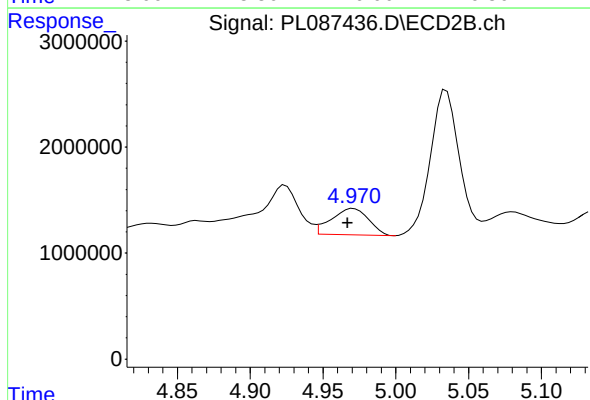
R.T.: 4.924 min  
Delta R.T.: 0.020 min  
Response: 9561616  
Conc: 43.25 ng/ml



#26 Chlorordane-4

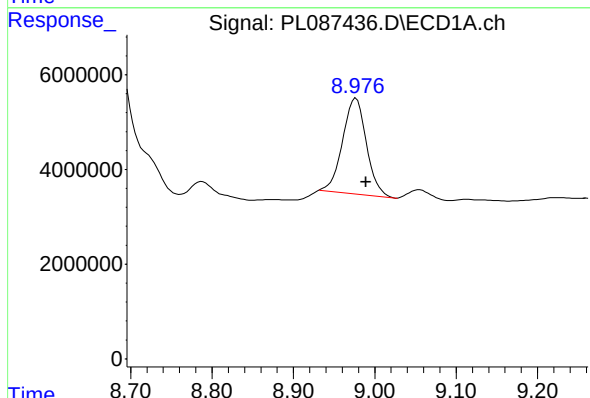
R.T.: 0.000 min  
Exp R.T.: 5.927 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-02



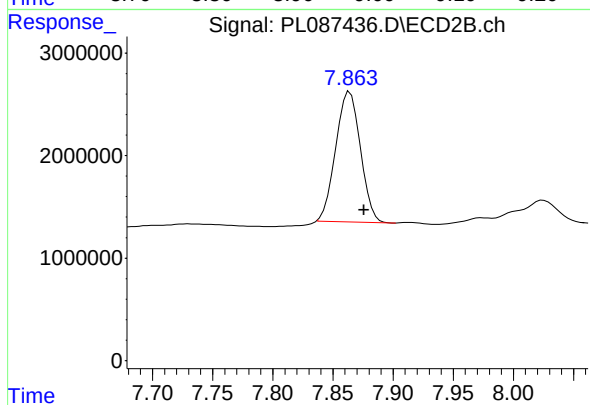
#26 Chlorordane-4

R.T.: 4.971 min  
Delta R.T.: 0.004 min  
Response: 4448927  
Conc: 19.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.977 min  
Delta R.T.: -0.013 min  
Response: 41251687  
Conc: 12.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: -0.012 min  
Response: 18241022  
Conc: 10.80 ng/ml