

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
 Data File : PL087324.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2023 14:43  
 Operator : AR\AJ  
 Sample : 05897-23  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 GHL-SS-28

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 22 00:27:20 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... | 3.441  | 2.677  | 49118869 | 20569694 | 13.052 | 12.220   |
| 28)                         | SA Decachlor... | 8.999  | 7.867  | 38242145 | 17341103 | 11.215 | 10.267   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.212f | 0        | 28743    | N.D.   | 0.012 #  |
| 3)                          | MA gamma-BHC... | 4.236f | 3.545f | 408590   | 339255   | 0.078  | 0.140 #  |
| 4)                          | MA Heptachlor   | 4.825  | 3.878f | 319651   | 267616   | 0.060  | 0.112 #  |
| 5)                          | MB Aldrin       | 5.184f | 4.147  | 257045   | 397943   | 0.049  | 0.166 #  |
| 6)                          | B beta-BHC      | 4.407  | 3.826  | 2091911  | -18450   | 0.911  | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 4.050  | 0        | 174855   | N.D.   | 0.071 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.027  | 0        | 33797899 | N.D.   | 15.639 # |
| 12)                         | B 4,4'-DDE      | 6.084f | 5.156  | 958004   | 131523   | 0.231  | 0.066 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.312f | 0        | 38375    | N.D.   | 0.017 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.879f | 0        | 66866    | N.D.   | 0.034 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.709f | 0        | 155721   | N.D.   | 0.094 #  |
| 17)                         | MA 4,4'-DDT     | 6.961f | 5.969  | -31235   | 267171   | N.D.   | 0.145    |
| 18)                         | B Endrin al...  | 6.857f | 0.000  | 196875   | 0        | 0.068  | N.D. #   |
| 19)                         | B Endosulfa...  | 7.051f | 0.000  | 1812947  | 0        | 0.462  | N.D. #   |
| 20)                         | A Methoxychlor  | 7.440  | 6.538f | 1271963  | 2231886  | 0.652  | 2.185 #  |
| 22)                         | Mirex           | 8.020  | 6.931f | 6754184  | 167947   | 2.005  | 0.094 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.691  | 0        | 88070    | N.D.   | 1.420 #  |
| 24)                         | Chlordane-2     | 5.125  | 4.276  | 1019433  | 218687   | 5.852  | 2.849 #  |
| 27)                         | Chlordane-5     | 6.768  | 5.636  | 1153074  | 87982    | 8.349  | 1.360 #  |
| -----                       |                 |        |        |          |          |        |          |

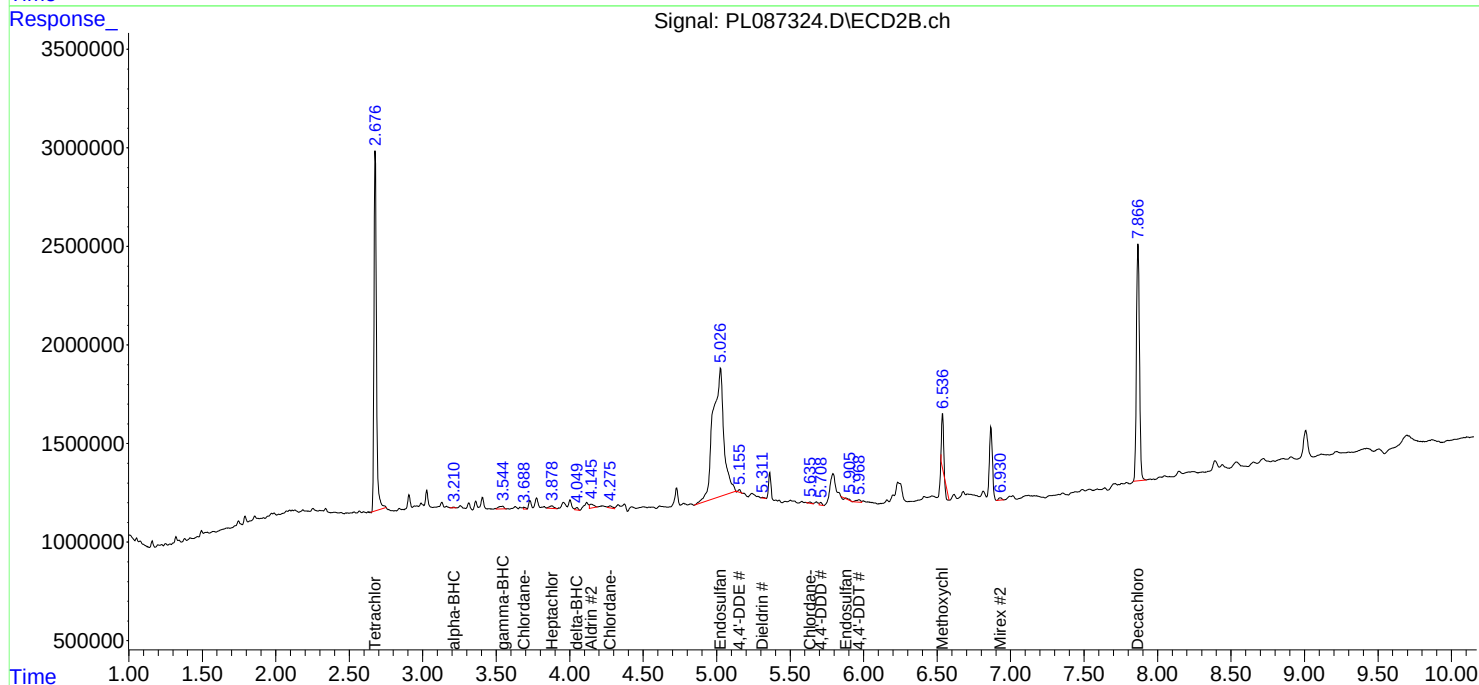
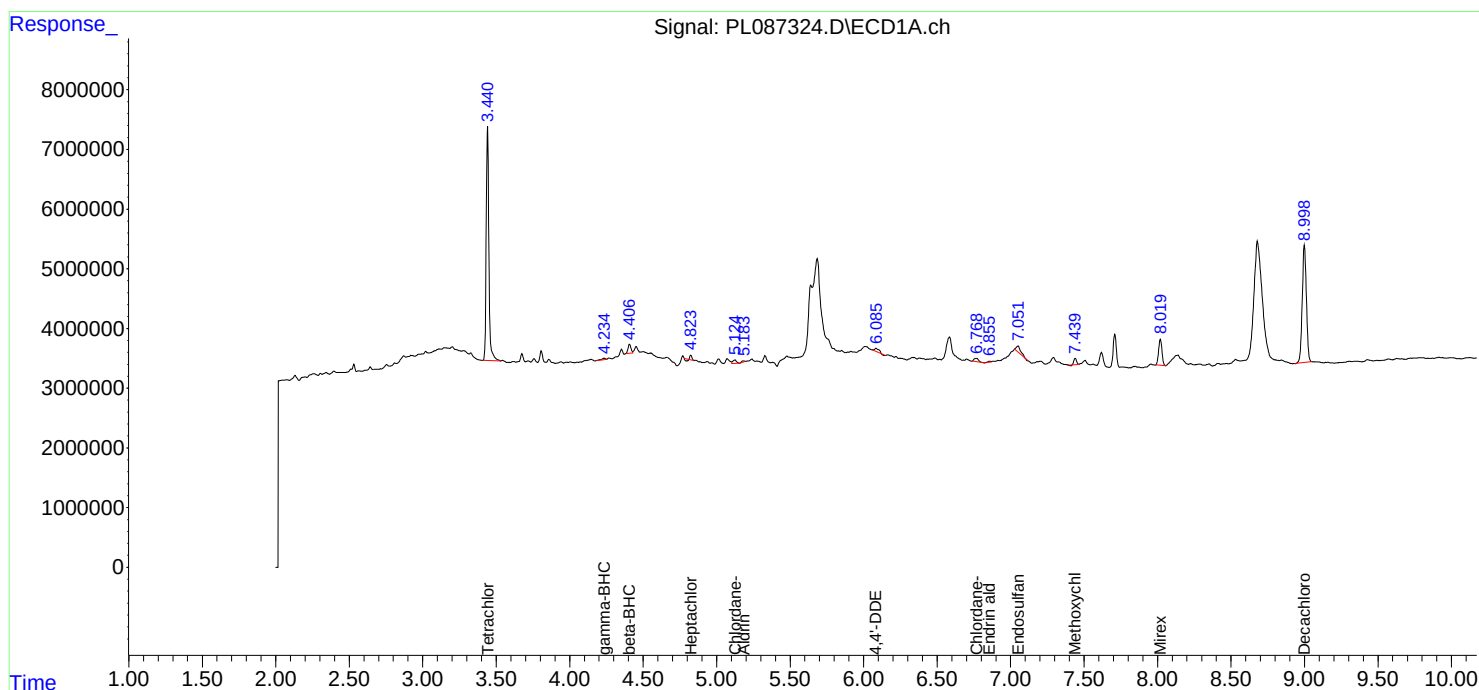
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

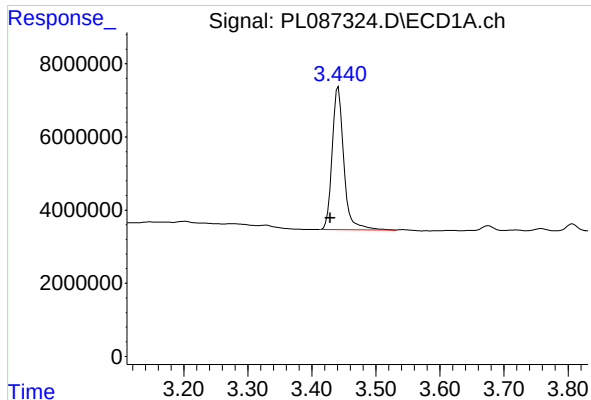
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
Data File : PL087324.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2023 14:43  
Operator : AR\AJ  
Sample : 05897-23  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-28

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 22 00:27:20 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

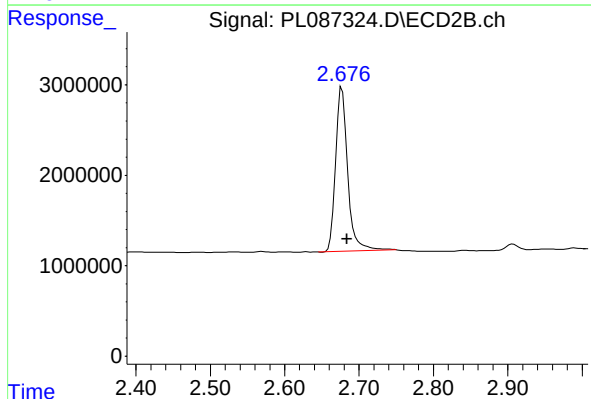




#1 Tetrachloro-m-xylene

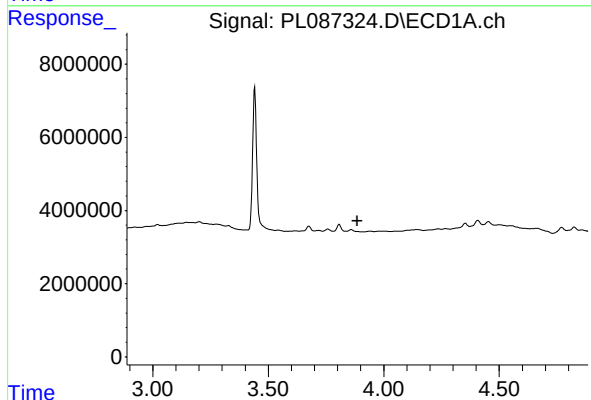
R.T.: 3.441 min  
Delta R.T.: 0.012 min  
Response: 49118869  
Conc: 13.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-28



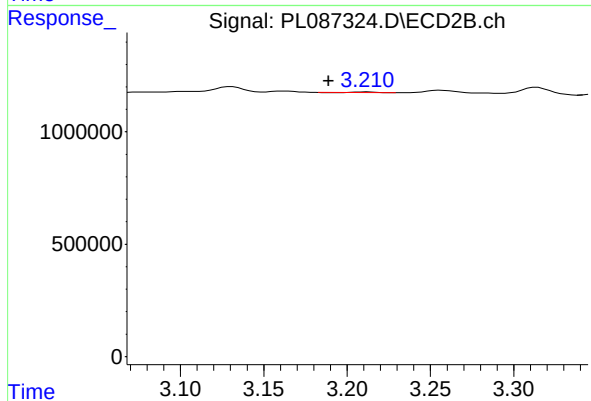
#1 Tetrachloro-m-xylene

R.T.: 2.677 min  
Delta R.T.: -0.006 min  
Response: 20569694  
Conc: 12.22 ng/ml



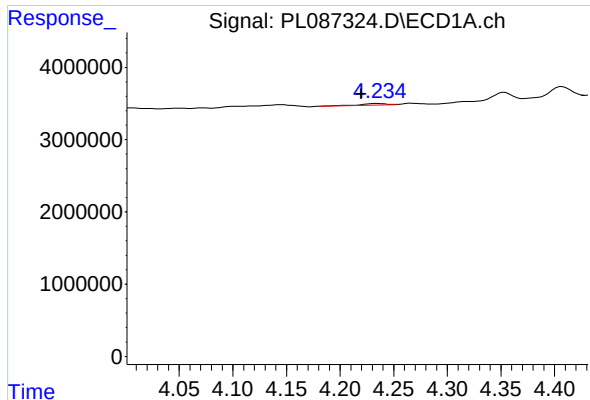
#2 alpha-BHC

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



#2 alpha-BHC

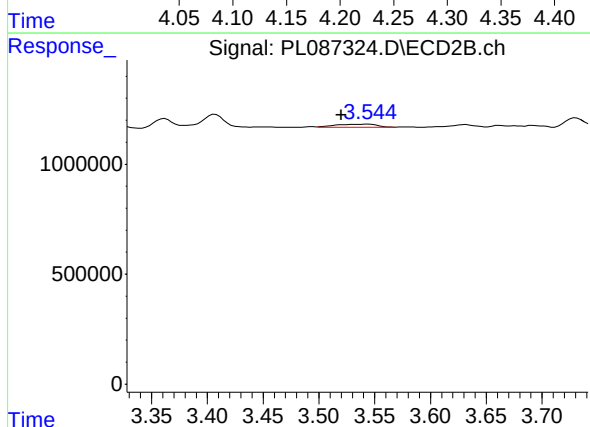
R.T.: 3.212 min  
Delta R.T.: 0.023 min  
Response: 28743  
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

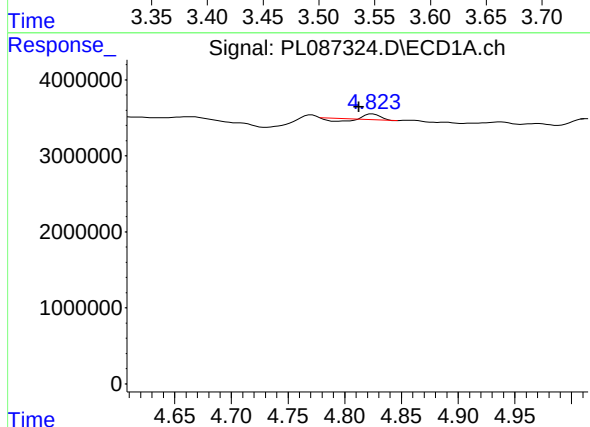
R.T.: 4.236 min  
Delta R.T.: 0.016 min  
Response: 408590  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-28



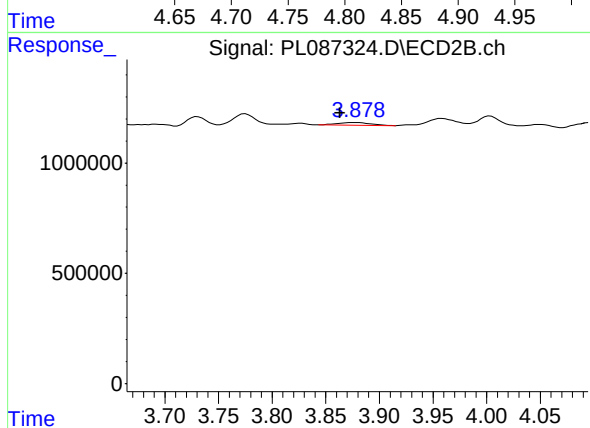
#3 gamma-BHC (Lindane)

R.T.: 3.545 min  
Delta R.T.: 0.025 min  
Response: 339255  
Conc: 0.14 ng/ml



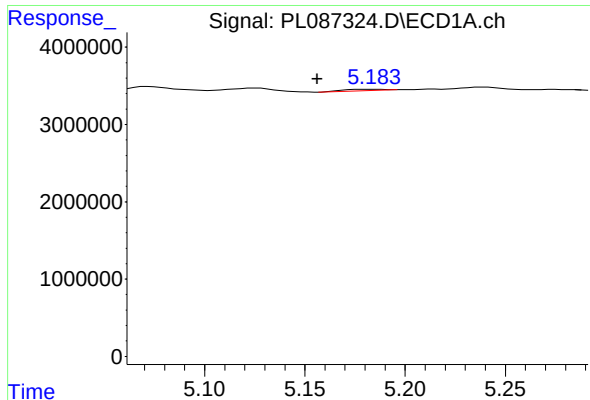
#4 Heptachlor

R.T.: 4.825 min  
Delta R.T.: 0.012 min  
Response: 319651  
Conc: 0.06 ng/ml



#4 Heptachlor

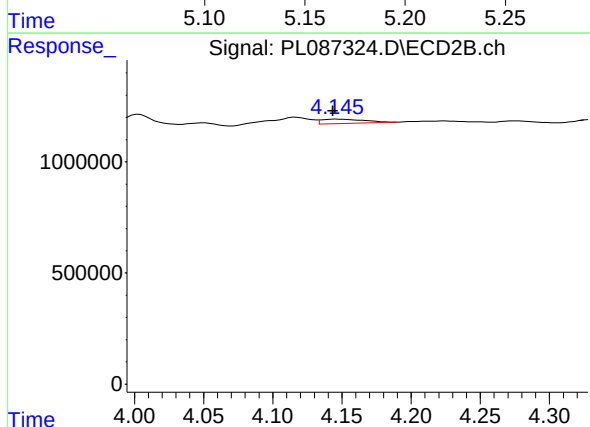
R.T.: 3.878 min  
Delta R.T.: 0.015 min  
Response: 267616  
Conc: 0.11 ng/ml



#5 Aldrin

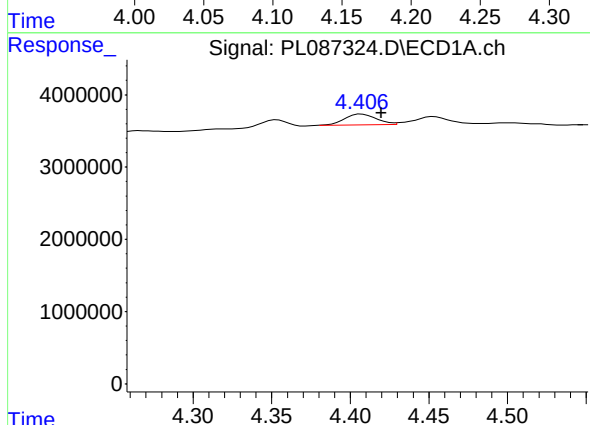
R.T.: 5.184 min  
Delta R.T.: 0.028 min  
Response: 257045  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-28



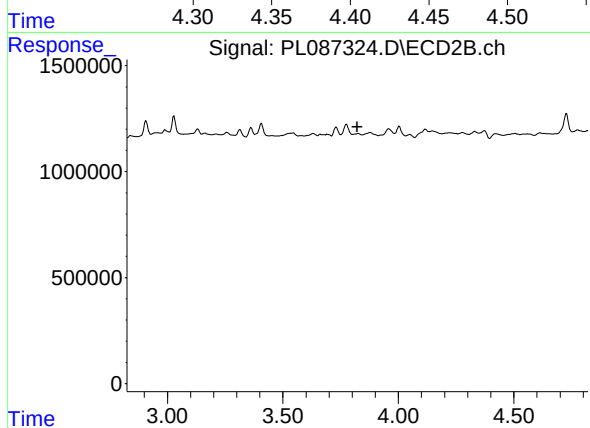
#5 Aldrin

R.T.: 4.147 min  
Delta R.T.: 0.004 min  
Response: 397943  
Conc: 0.17 ng/ml



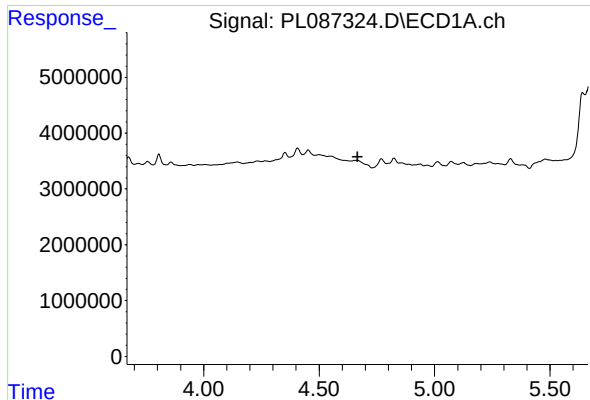
#6 beta-BHC

R.T.: 4.407 min  
Delta R.T.: -0.013 min  
Response: 2091911  
Conc: 0.91 ng/ml



#6 beta-BHC

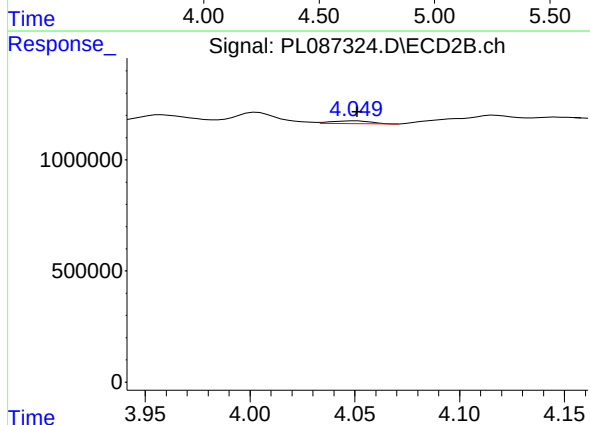
R.T.: 3.826 min  
Delta R.T.: 0.005 min  
Response: -18450  
Conc: N.D.



#7 delta-BHC

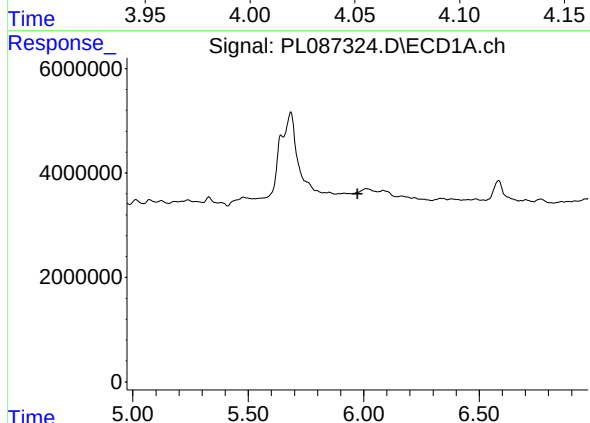
R.T.: 0.000 min  
Exp R.T.: 4.666 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-28



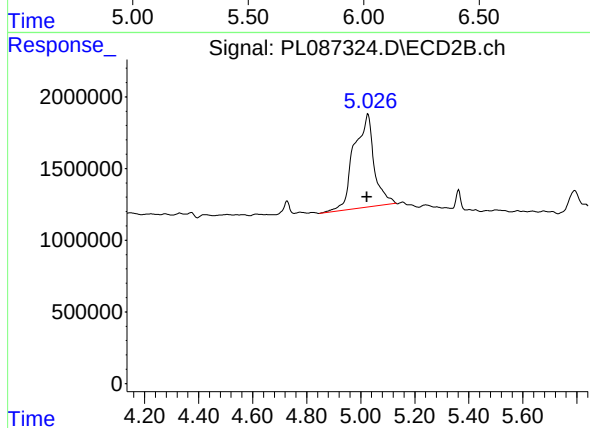
#7 delta-BHC

R.T.: 4.050 min  
Delta R.T.: 0.000 min  
Response: 174855  
Conc: 0.07 ng/ml



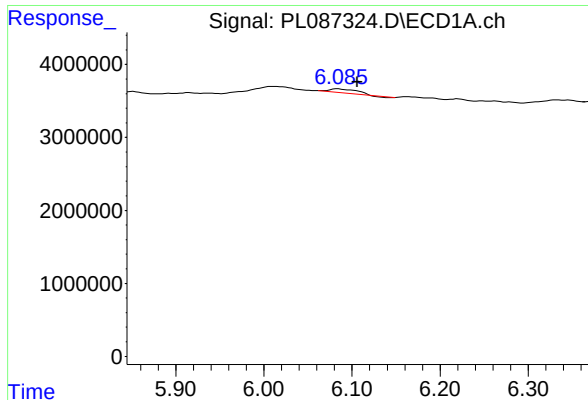
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 5.973 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

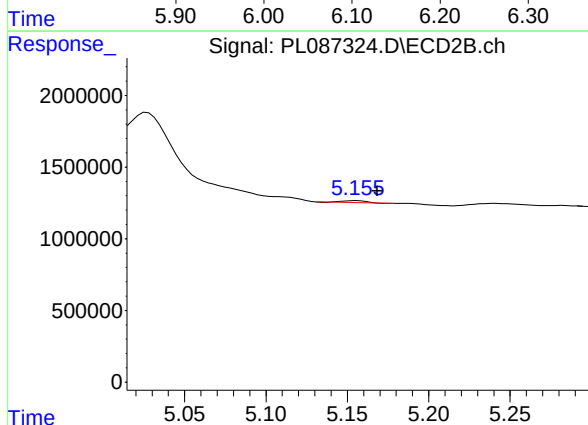
R.T.: 5.027 min  
Delta R.T.: 0.004 min  
Response: 33797899  
Conc: 15.64 ng/ml



#12 4,4'-DDE

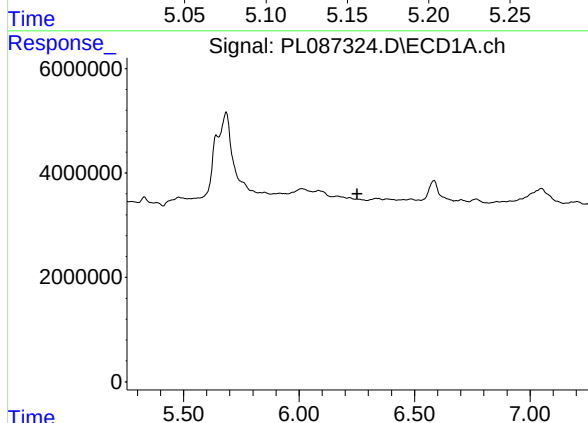
R.T.: 6.084 min  
Delta R.T.: -0.022 min  
Response: 958004  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-28



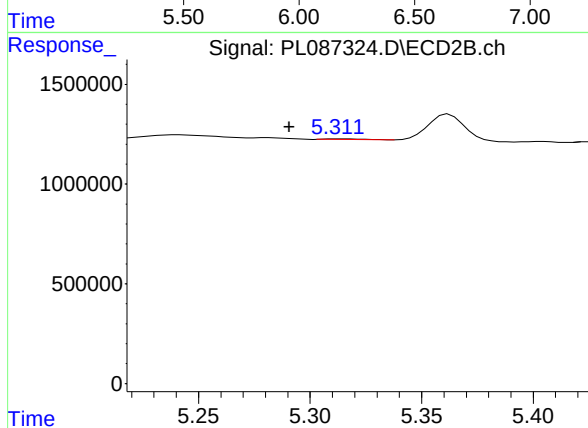
#12 4,4'-DDE

R.T.: 5.156 min  
Delta R.T.: -0.013 min  
Response: 131523  
Conc: 0.07 ng/ml



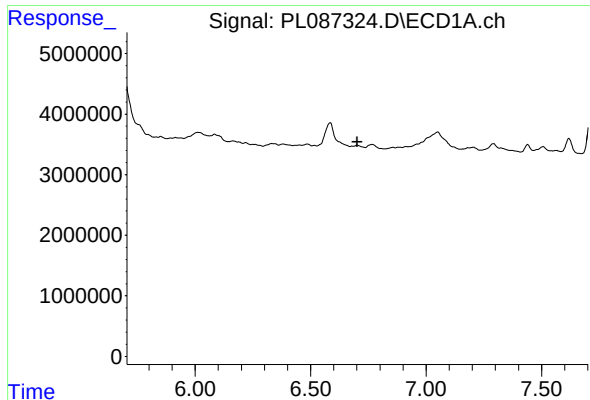
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 6.251 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

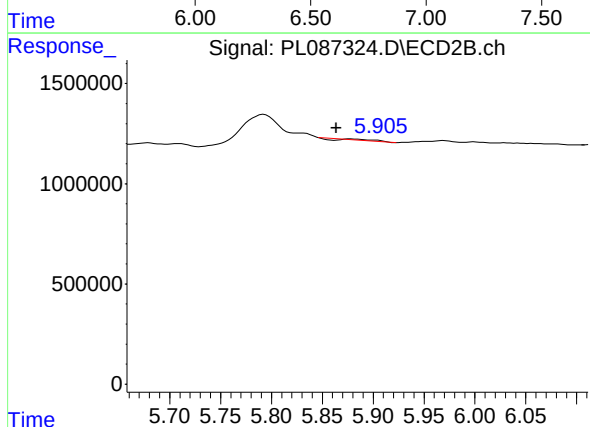
R.T.: 5.312 min  
Delta R.T.: 0.022 min  
Response: 38375  
Conc: 0.02 ng/ml



#15 Endosulfan II

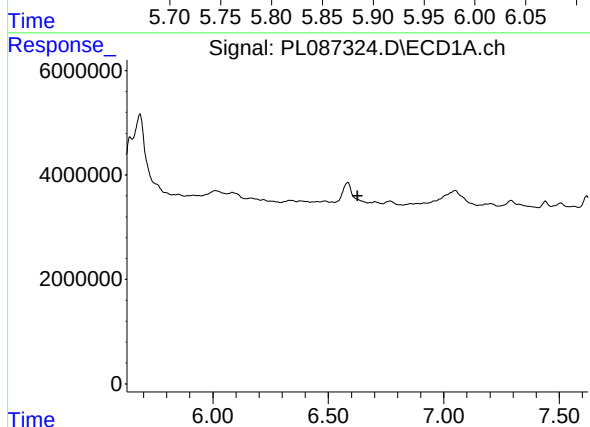
R.T.: 0.000 min  
Exp R.T.: 6.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-28



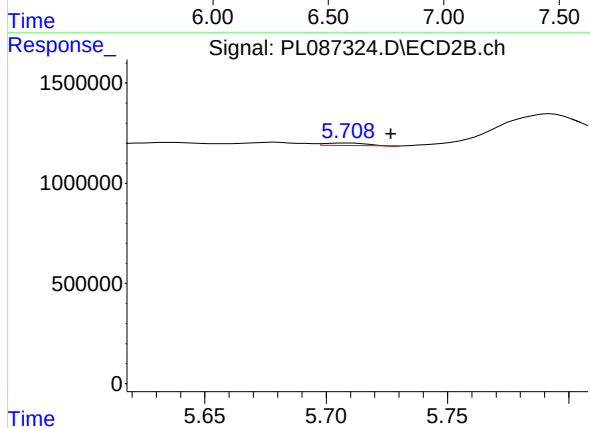
#15 Endosulfan II

R.T.: 5.879 min  
Delta R.T.: 0.015 min  
Response: 66866  
Conc: 0.03 ng/ml



#16 4,4'-DDD

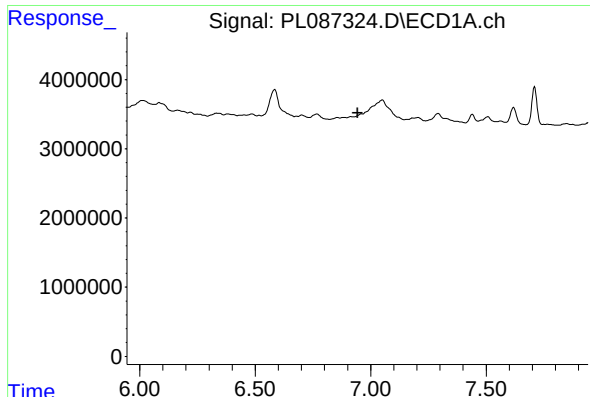
R.T.: 0.000 min  
Exp R.T.: 6.626 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

R.T.: 5.709 min  
Delta R.T.: -0.018 min  
Response: 155721  
Conc: 0.09 ng/ml

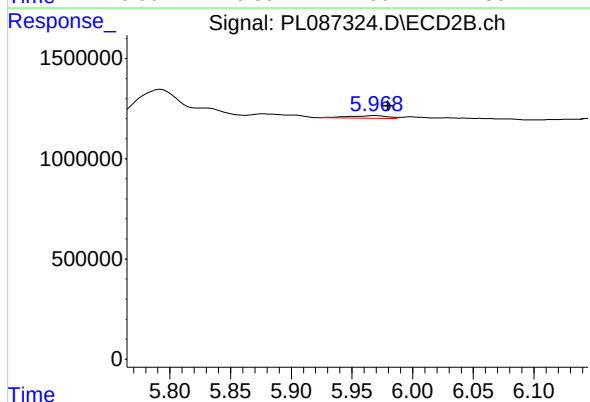




#17 4,4'-DDT

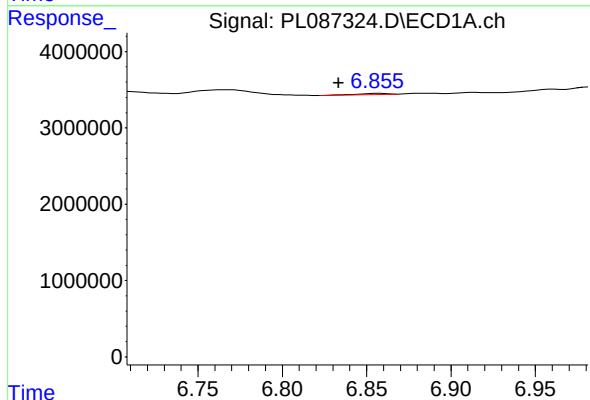
R.T.: 6.961 min  
Delta R.T.: 0.018 min  
Response: -31235  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-28



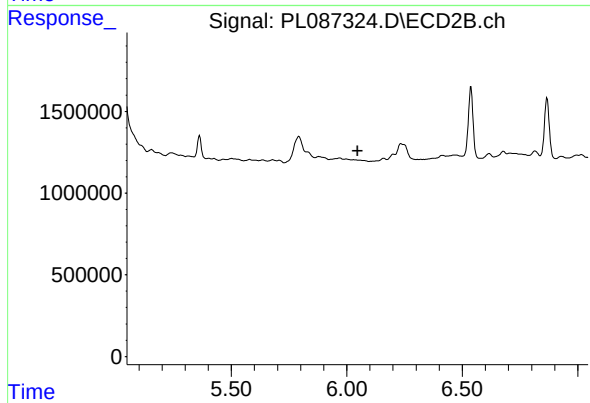
#17 4,4'-DDT

R.T.: 5.969 min  
Delta R.T.: -0.010 min  
Response: 267171  
Conc: 0.14 ng/ml



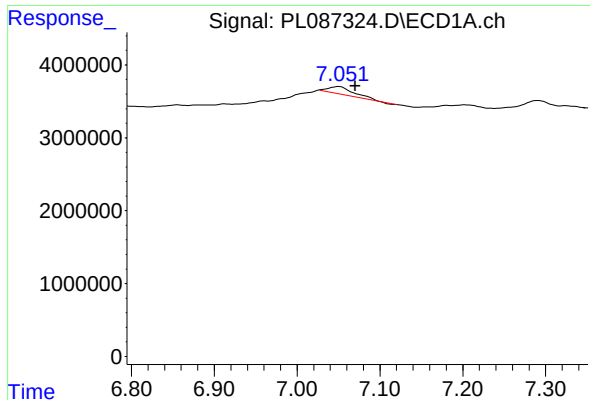
#18 Endrin aldehyde

R.T.: 6.857 min  
Delta R.T.: 0.023 min  
Response: 196875  
Conc: 0.07 ng/ml



#18 Endrin aldehyde

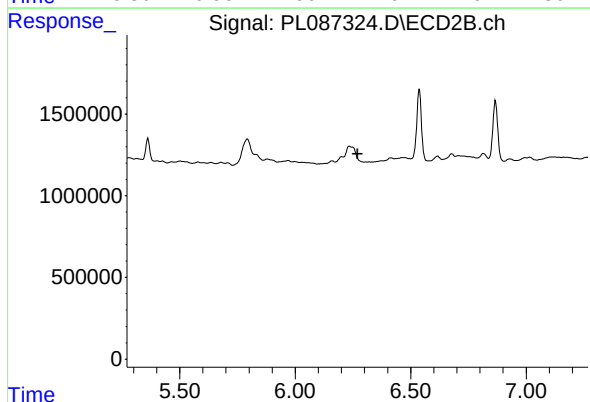
R.T.: 0.000 min  
Exp R.T.: 6.046 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

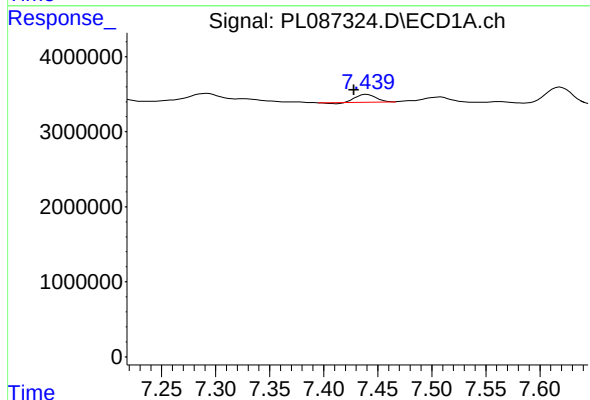
R.T.: 7.051 min  
Delta R.T.: -0.019 min  
Response: 1812947  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-28



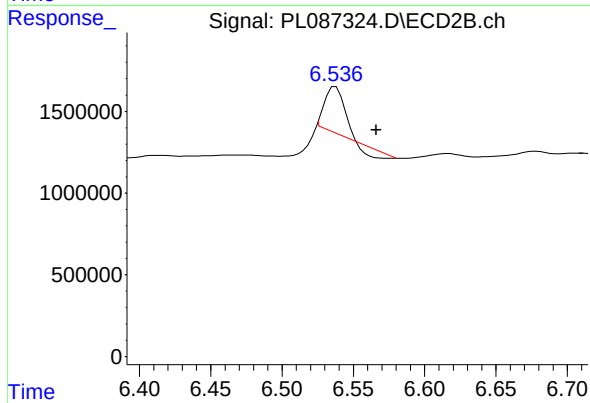
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.271 min  
Response: 0  
Conc: N.D.



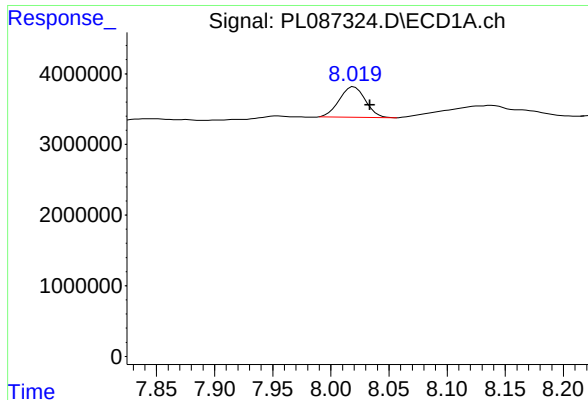
#20 Methoxychlor

R.T.: 7.440 min  
Delta R.T.: 0.012 min  
Response: 1271963  
Conc: 0.65 ng/ml



#20 Methoxychlor

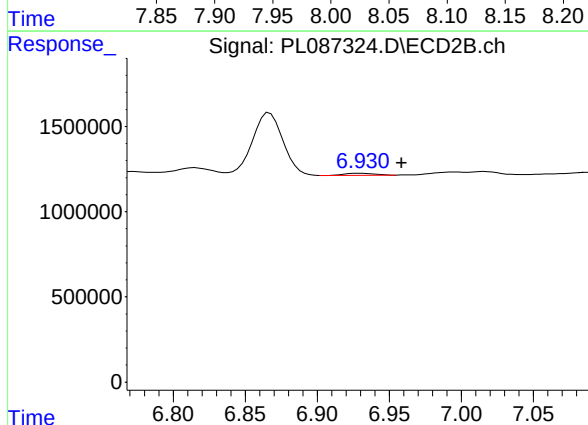
R.T.: 6.538 min  
Delta R.T.: -0.028 min  
Response: 2231886  
Conc: 2.19 ng/ml



#22 Mirex

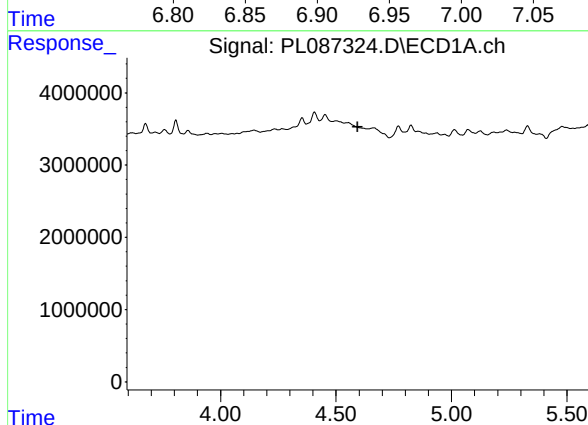
R.T.: 8.020 min  
Delta R.T.: -0.014 min  
Response: 6754184  
Conc: 2.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-28



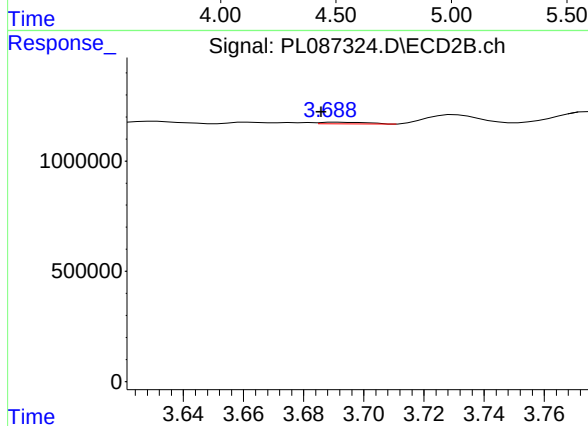
#22 Mirex

R.T.: 6.931 min  
Delta R.T.: -0.028 min  
Response: 167947  
Conc: 0.09 ng/ml



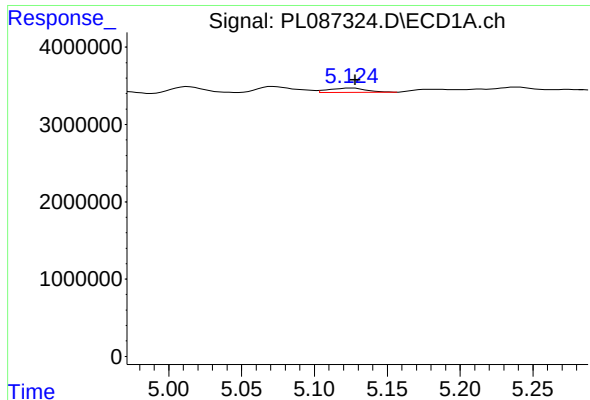
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

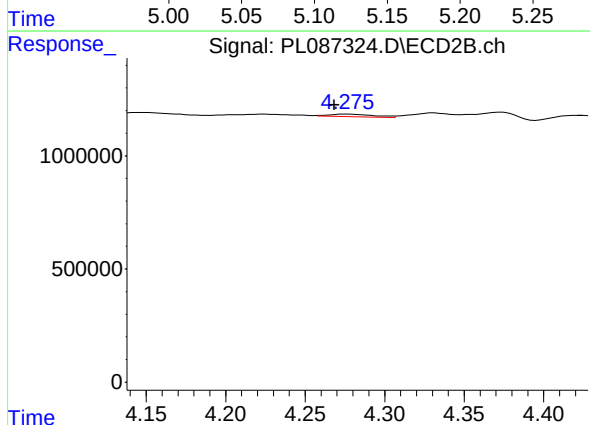
R.T.: 3.691 min  
Delta R.T.: 0.005 min  
Response: 88070  
Conc: 1.42 ng/ml



#24 Chlordane-2

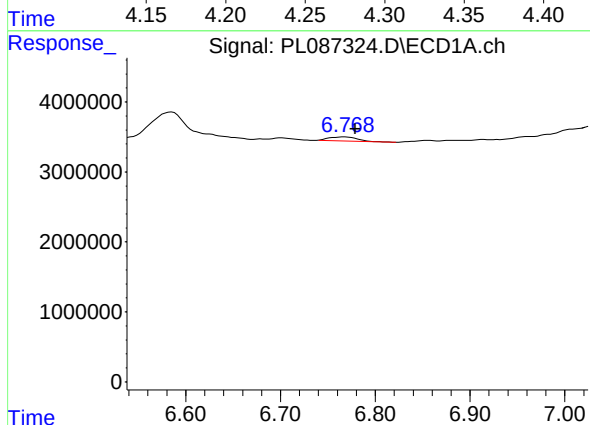
R.T.: 5.125 min  
Delta R.T.: -0.003 min  
Response: 1019433  
Conc: 5.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-28



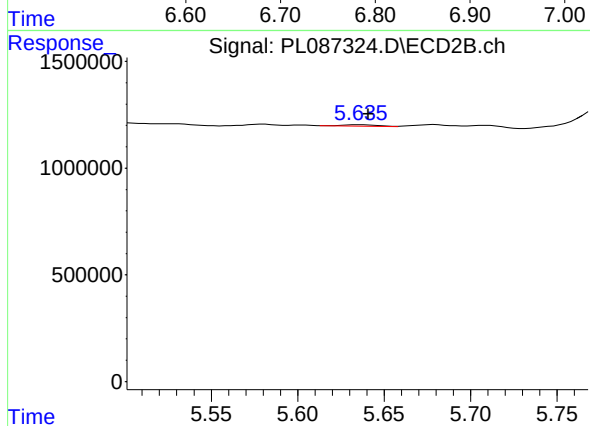
#24 Chlordane-2

R.T.: 4.276 min  
Delta R.T.: 0.008 min  
Response: 218687  
Conc: 2.85 ng/ml



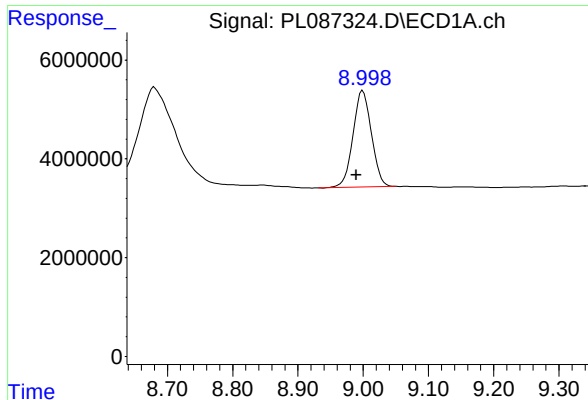
#27 Chlordane-5

R.T.: 6.768 min  
Delta R.T.: -0.011 min  
Response: 1153074  
Conc: 8.35 ng/ml



#27 Chlordane-5

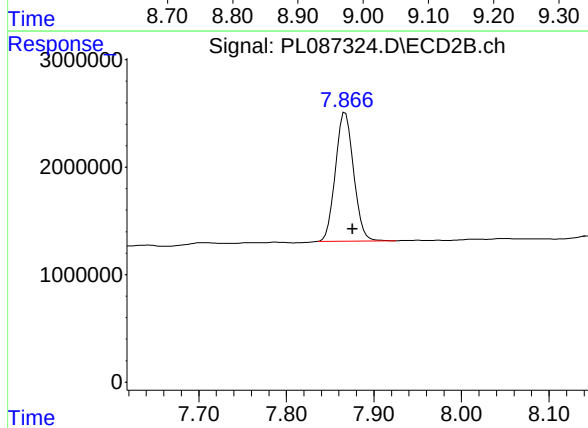
R.T.: 5.636 min  
Delta R.T.: -0.005 min  
Response: 87982  
Conc: 1.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.999 min  
Delta R.T.: 0.010 min  
Response: 38242145  
Conc: 11.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-28



#28 Decachlorobiphenyl

R.T.: 7.867 min  
Delta R.T.: -0.008 min  
Response: 17341103  
Conc: 10.27 ng/ml