

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122023\  
 Data File : PL087288.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Dec 2023 16:18  
 Operator : AR\AJ  
 Sample : 05897-02  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 GHL-SS-36a

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 20 20:44:10 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... | 3.423  | 2.679  | 51084135 | 21430762 | 13.574 | 12.731  |
| 28)                         | SA Decachlor... | 8.982  | 7.868  | 39528664 | 19005133 | 11.592 | 11.253  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.211f | 0        | 229833   | N.D.   | 0.094 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.518  | 0        | 58547    | N.D.   | 0.024 # |
| 4)                          | MA Heptachlor   | 4.840f | 3.876  | 397435   | 50585    | 0.075  | 0.021 # |
| 5)                          | MB Aldrin       | 0.000  | 4.161f | 0        | 119852   | N.D.   | 0.050 # |
| 6)                          | B beta-BHC      | 4.434  | 3.826  | 1997415  | 2580     | 0.870  | 0.002 # |
| 7)                          | B delta-BHC     | 0.000  | 4.045  | 0        | 15837    | N.D.   | 0.006 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.034  | 0        | 6969761  | N.D.   | 3.225 # |
| 10)                         | B gamma-Chl...  | 5.817f | 4.928f | 17164526 | 389653   | 3.541  | 0.170 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.955f | 0        | 546532   | N.D.   | 0.237 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.143f | 0        | 30040    | N.D.   | 0.015 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.287  | 0        | 262366   | N.D.   | 0.118 # |
| 14)                         | MA Endrin       | 0.000  | 5.580  | 0        | 122554   | N.D.   | 0.061 # |
| 15)                         | B Endosulfa...  | 6.692  | 5.837f | 2606420  | 589889   | 0.650  | 0.303 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.716  | 0        | 532640   | N.D.   | 0.322 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.962f | 0        | 319354   | N.D.   | 0.173 # |
| 18)                         | B Endrin al...  | 0.000  | 6.051  | 0        | 1063110  | N.D.   | 0.724 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.566  | 0        | 68315    | N.D.   | 0.067 # |
| 21)                         | B Endrin ke...  | 0.000  | 6.773  | 0        | 459      | N.D.   | 0.000 # |
| 22)                         | Mirex           | 0.000  | 6.940f | 0        | 65590    | N.D.   | 0.037 # |
| 23)                         | Chlordane-1     | 0.000  | 3.695  | 0        | 114923   | N.D.   | 1.853 # |
| 25)                         | Chlordane-3     | 5.817f | 4.928f | 17164526 | 389653   | 24.624 | 1.763 # |
| 26)                         | Chlordane-4     | 0.000  | 4.955  | 0        | 546532   | N.D.   | 2.347 # |
| 27)                         | Chlordane-5     | 0.000  | 5.636  | 0        | 212862   | N.D.   | 3.290 # |
| -----                       |                 |        |        |          |          |        |         |

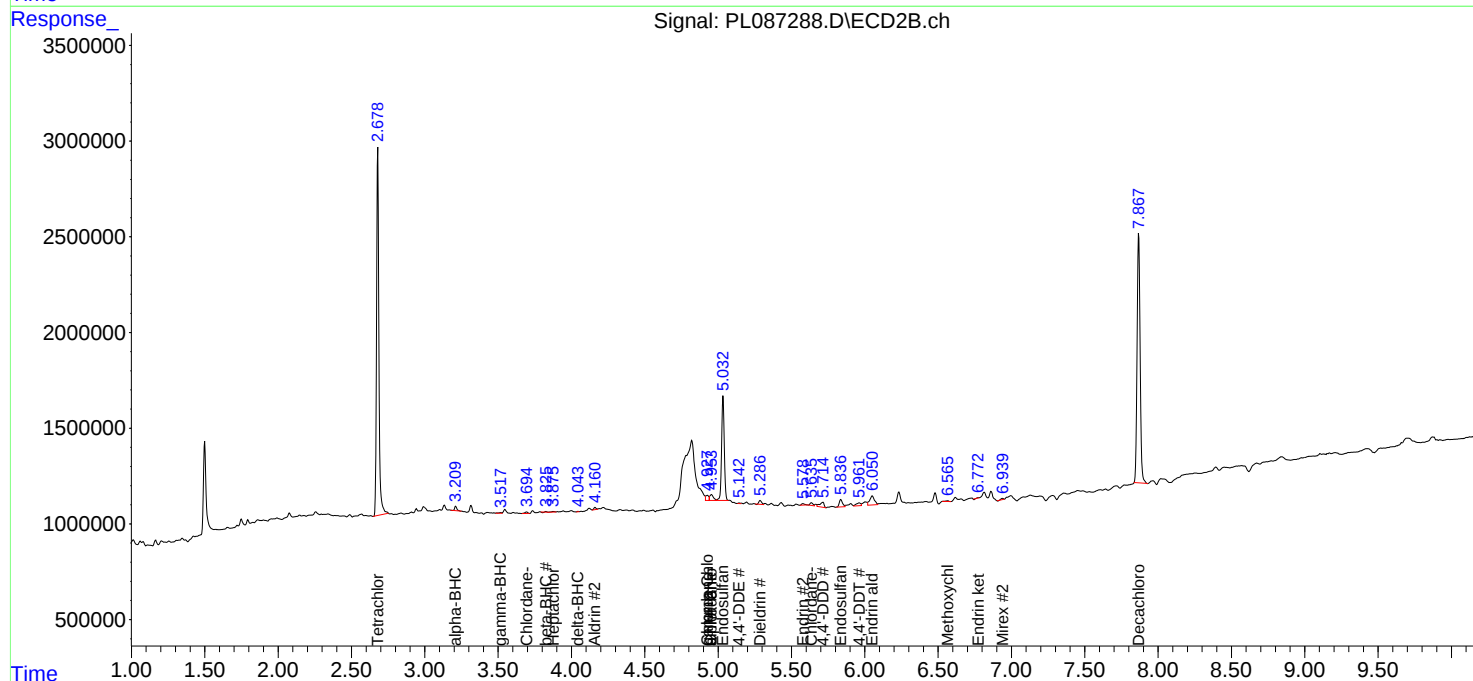
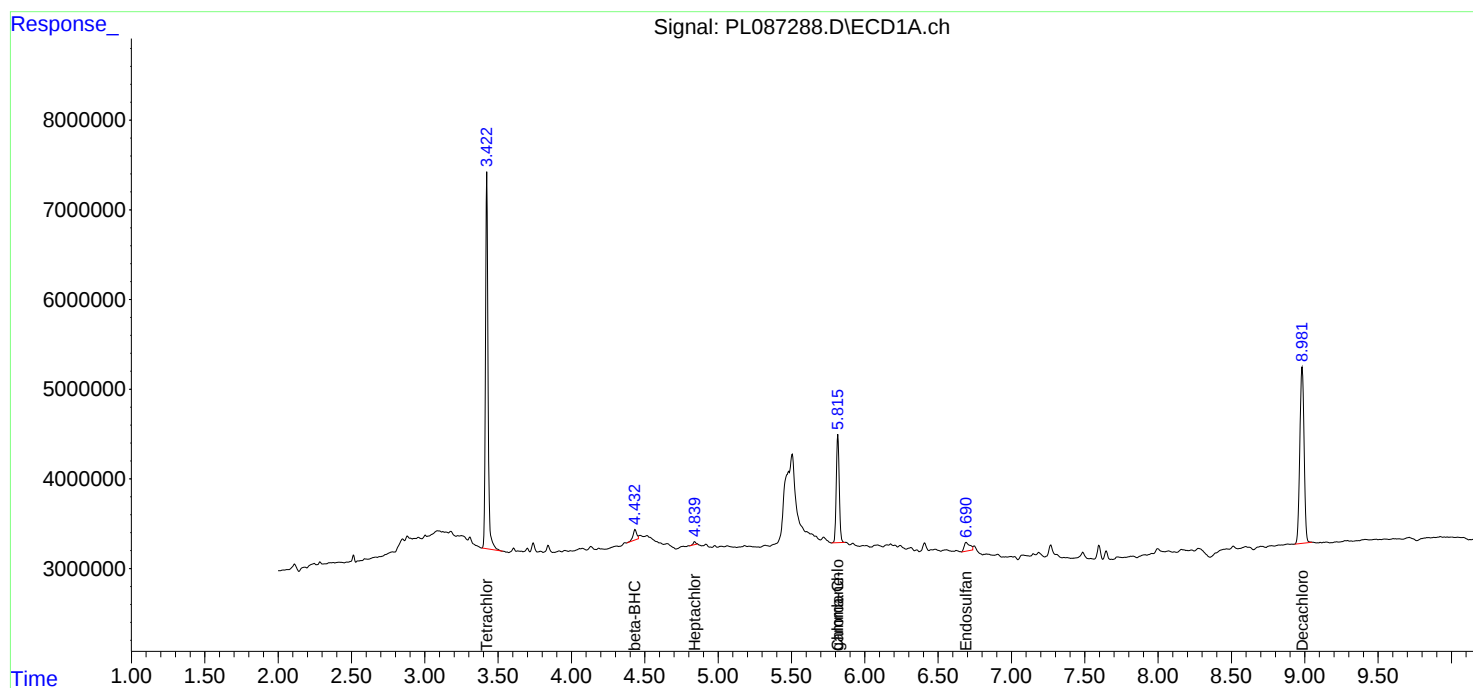
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

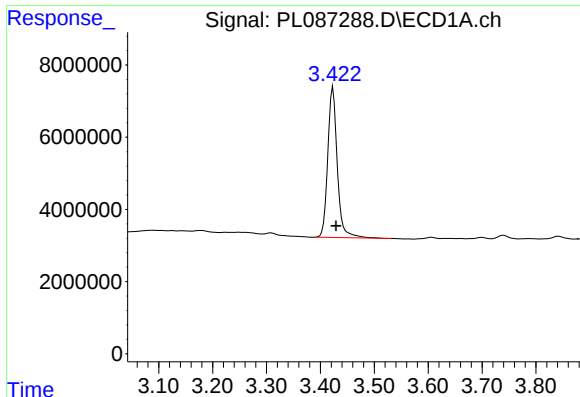
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122023\  
Data File : PL087288.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Dec 2023 16:18  
Operator : AR\AJ  
Sample : 05897-02  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 20 20:44:10 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

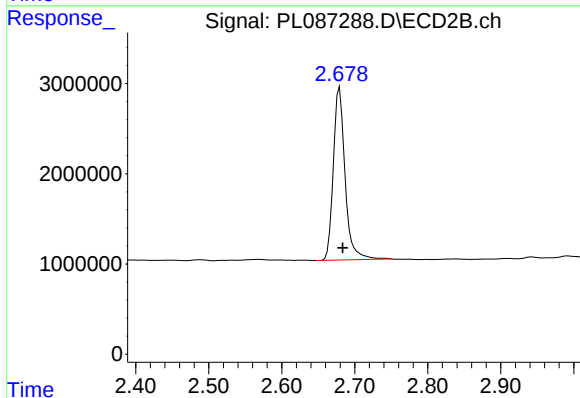




#1 Tetrachloro-m-xylene

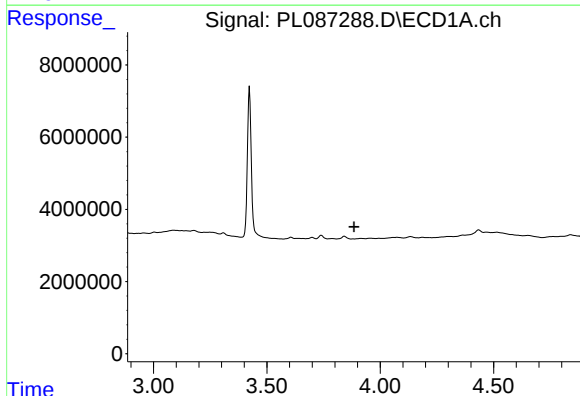
R.T.: 3.423 min  
Delta R.T.: -0.006 min  
Response: 51084135  
Conc: 13.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



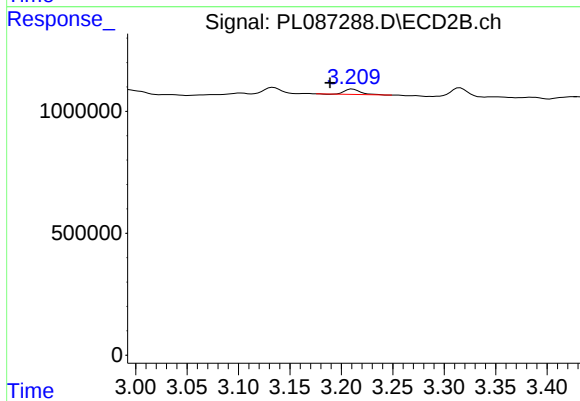
#1 Tetrachloro-m-xylene

R.T.: 2.679 min  
Delta R.T.: -0.004 min  
Response: 21430762  
Conc: 12.73 ng/ml



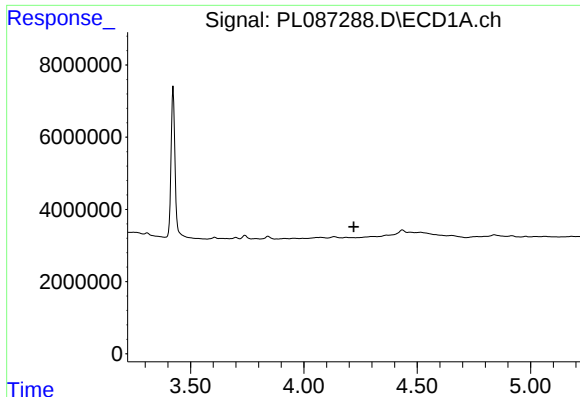
#2 alpha-BHC

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



#2 alpha-BHC

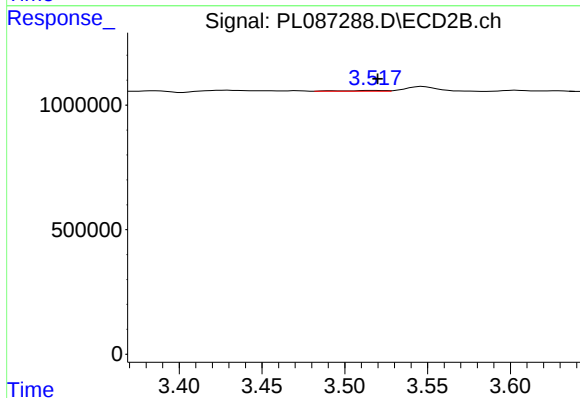
R.T.: 3.211 min  
Delta R.T.: 0.022 min  
Response: 229833  
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

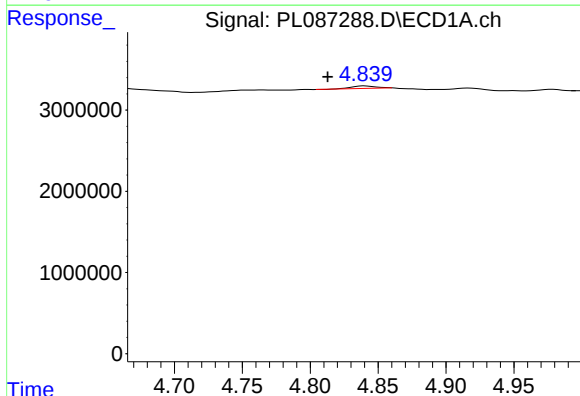
R.T.: 0.000 min  
Exp R.T.: 4.220 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



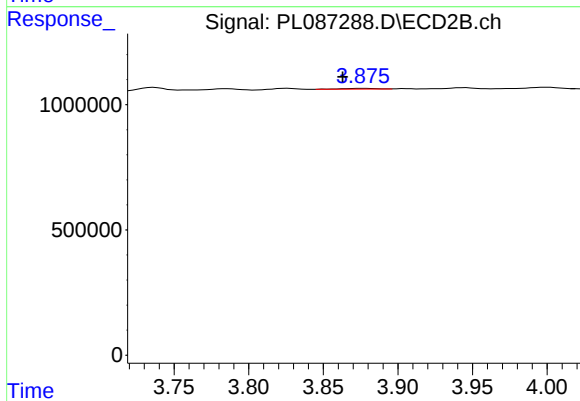
#3 gamma-BHC (Lindane)

R.T.: 3.518 min  
Delta R.T.: -0.002 min  
Response: 58547  
Conc: 0.02 ng/ml



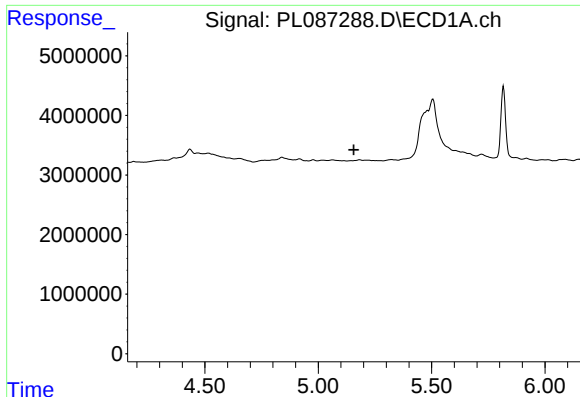
#4 Heptachlor

R.T.: 4.840 min  
Delta R.T.: 0.028 min  
Response: 397435  
Conc: 0.07 ng/ml



#4 Heptachlor

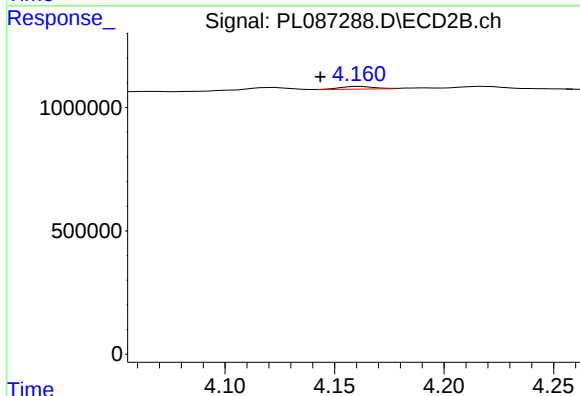
R.T.: 3.876 min  
Delta R.T.: 0.013 min  
Response: 50585  
Conc: 0.02 ng/ml



#5 Aldrin

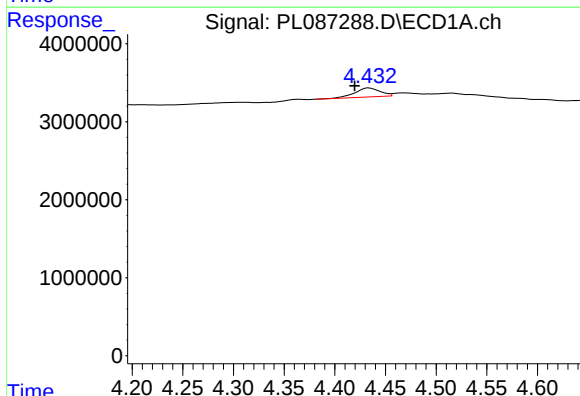
R.T.: 0.000 min  
Exp R.T.: 5.156 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



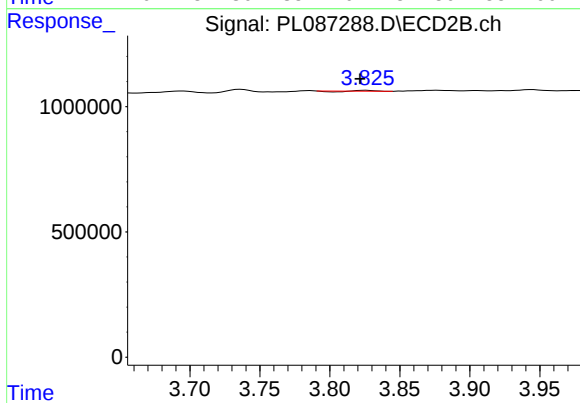
#5 Aldrin

R.T.: 4.161 min  
Delta R.T.: 0.018 min  
Response: 119852  
Conc: 0.05 ng/ml



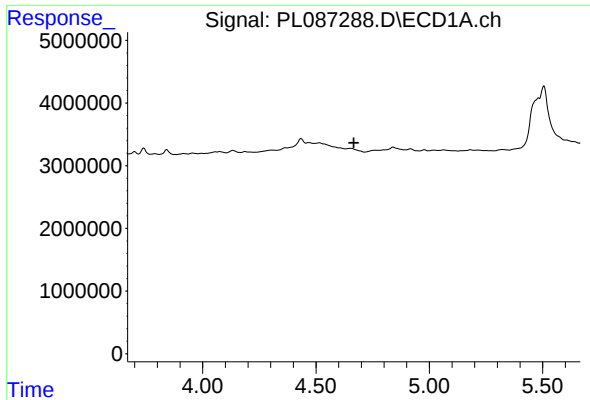
#6 beta-BHC

R.T.: 4.434 min  
Delta R.T.: 0.014 min  
Response: 1997415  
Conc: 0.87 ng/ml



#6 beta-BHC

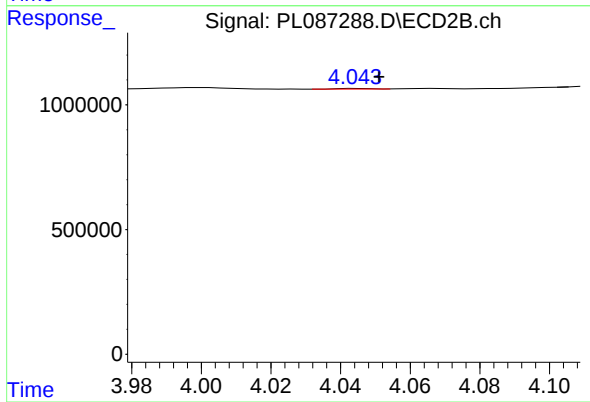
R.T.: 3.826 min  
Delta R.T.: 0.005 min  
Response: 2580  
Conc: 0.00 ng/ml



#7 delta-BHC

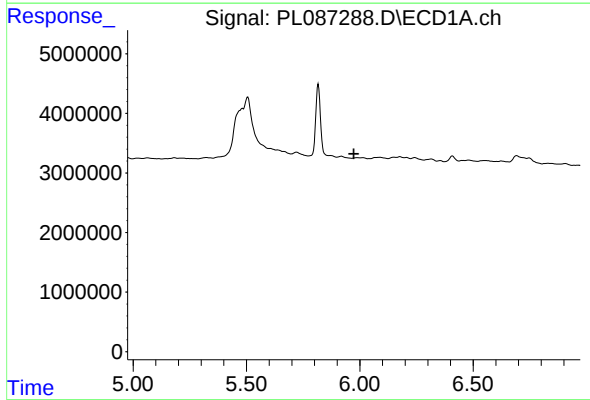
R.T.: 0.000 min  
Exp R.T. : 4.666 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



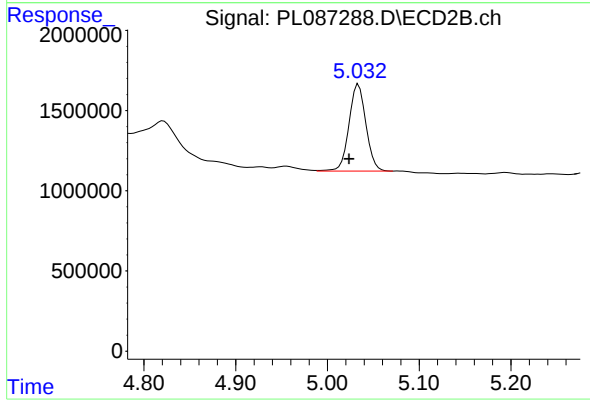
#7 delta-BHC

R.T.: 4.045 min  
Delta R.T.: -0.006 min  
Response: 15837  
Conc: 0.01 ng/ml



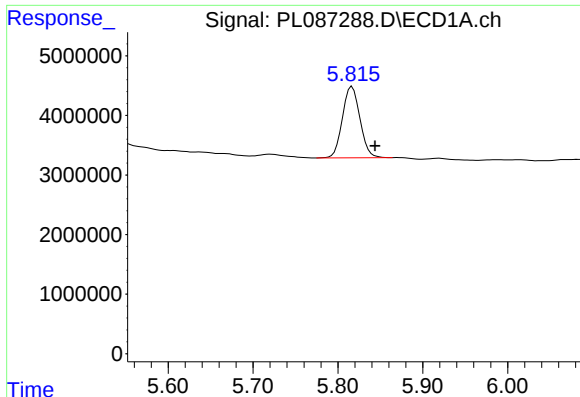
#9 Endosulfan I

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



#9 Endosulfan I

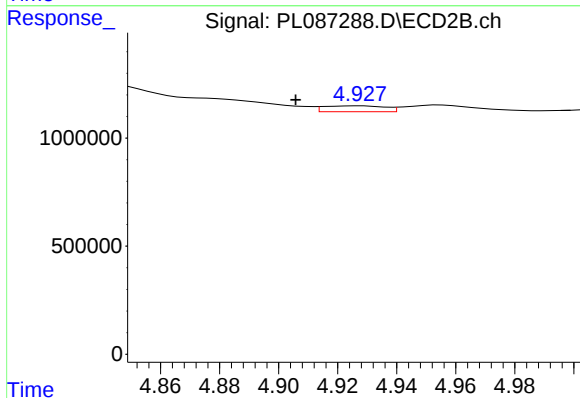
R.T.: 5.034 min  
Delta R.T.: 0.011 min  
Response: 6969761  
Conc: 3.22 ng/ml



#10 gamma-Chlordane

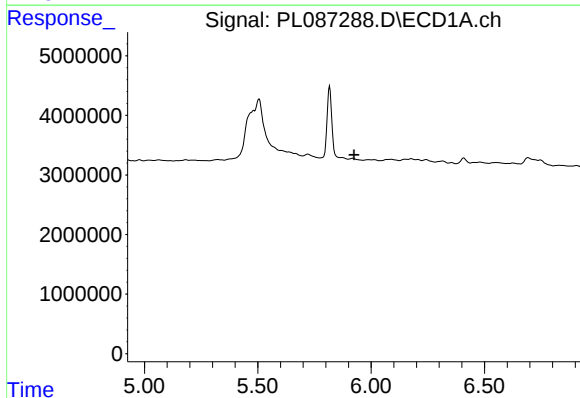
R.T.: 5.817 min  
Delta R.T.: -0.027 min  
Response: 17164526  
Conc: 3.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



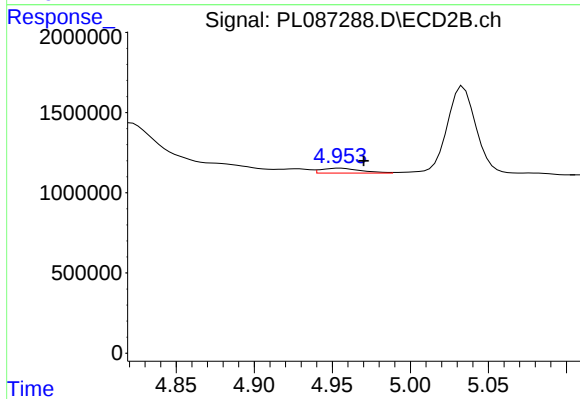
#10 gamma-Chlordane

R.T.: 4.928 min  
Delta R.T.: 0.022 min  
Response: 389653  
Conc: 0.17 ng/ml



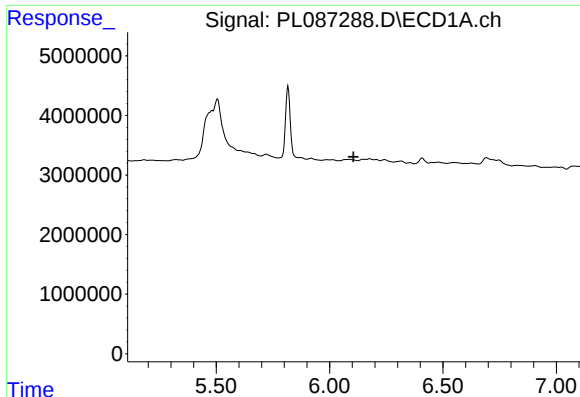
#11 alpha-Chlordane

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



#11 alpha-Chlordane

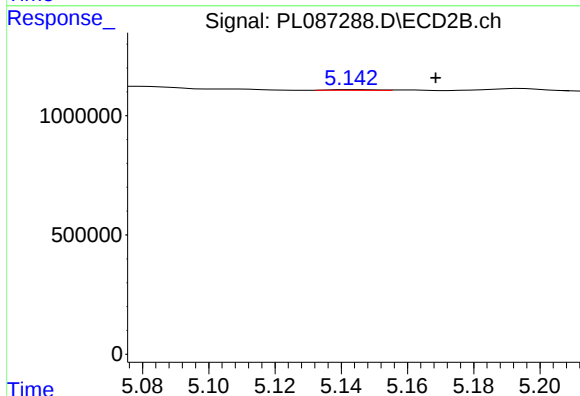
R.T.: 4.955 min  
Delta R.T.: -0.015 min  
Response: 546532  
Conc: 0.24 ng/ml



#12 4,4'-DDE

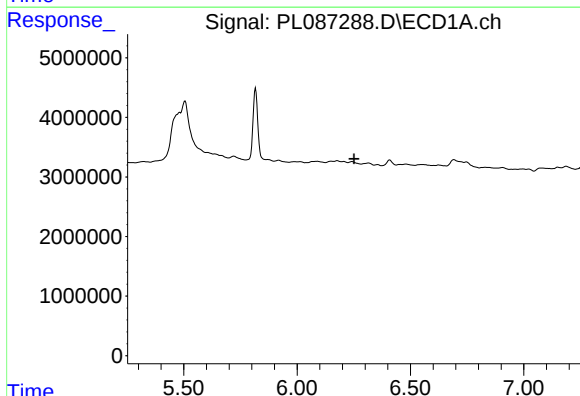
R.T.: 0.000 min  
Exp R.T.: 6.106 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



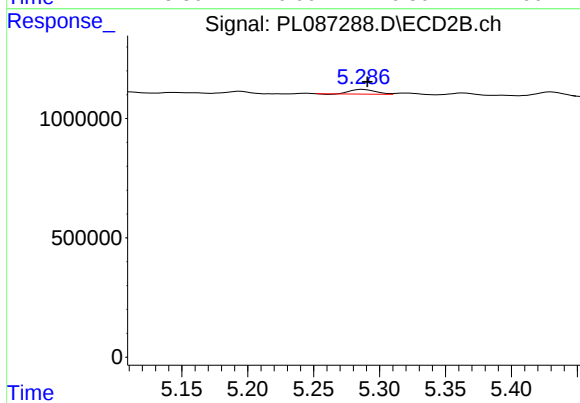
#12 4,4'-DDE

R.T.: 5.143 min  
Delta R.T.: -0.025 min  
Response: 30040  
Conc: 0.02 ng/ml



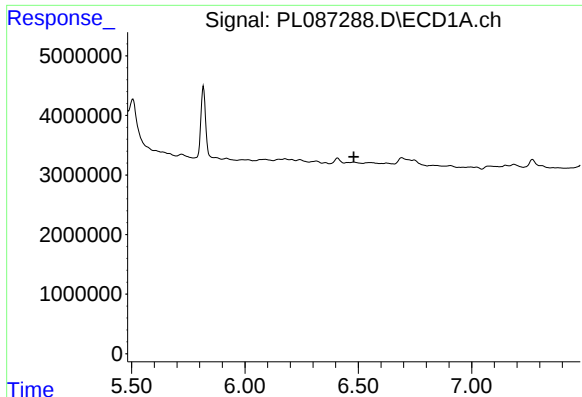
#13 Dieldrin

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



#13 Dieldrin

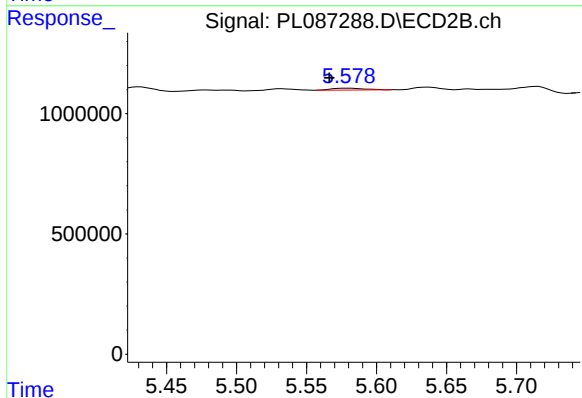
R.T.: 5.287 min  
Delta R.T.: -0.003 min  
Response: 262366  
Conc: 0.12 ng/ml



#14 Endrin

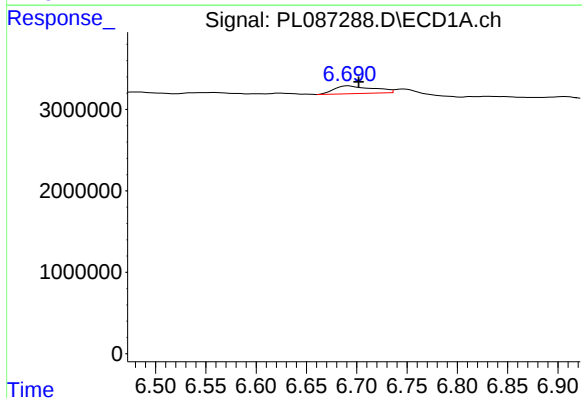
R.T.: 0.000 min  
Exp R.T.: 6.480 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



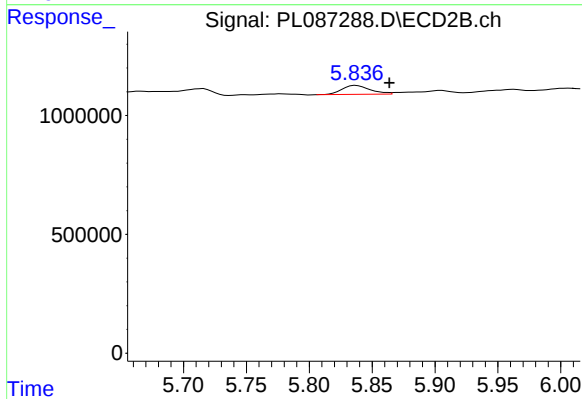
#14 Endrin

R.T.: 5.580 min  
Delta R.T.: 0.013 min  
Response: 122554  
Conc: 0.06 ng/ml



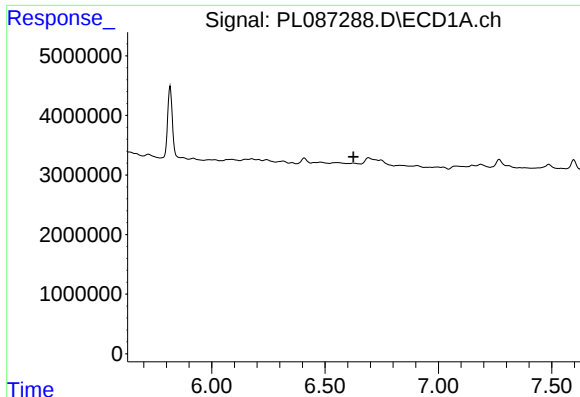
#15 Endosulfan II

R.T.: 6.692 min  
Delta R.T.: -0.010 min  
Response: 2606420  
Conc: 0.65 ng/ml



#15 Endosulfan II

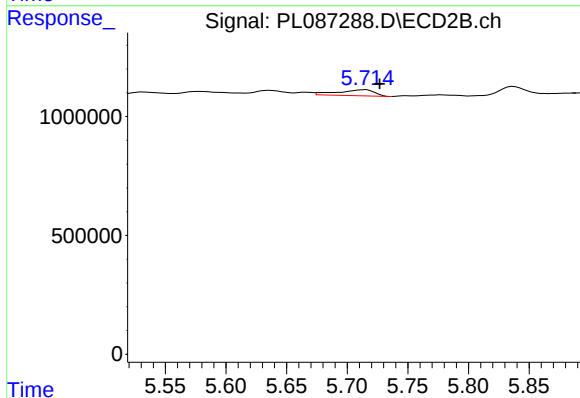
R.T.: 5.837 min  
Delta R.T.: -0.027 min  
Response: 589889  
Conc: 0.30 ng/ml



#16 4,4'-DDD

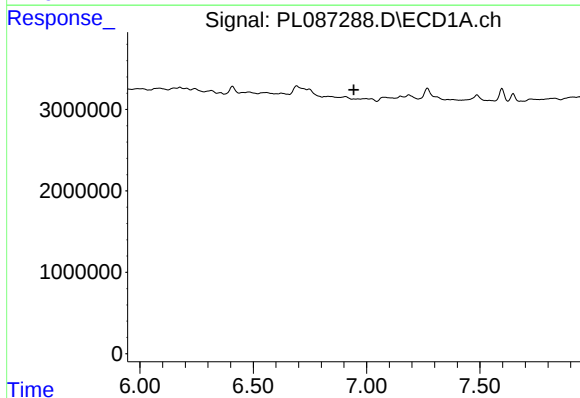
R.T.: 0.000 min  
Exp R.T.: 6.626 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



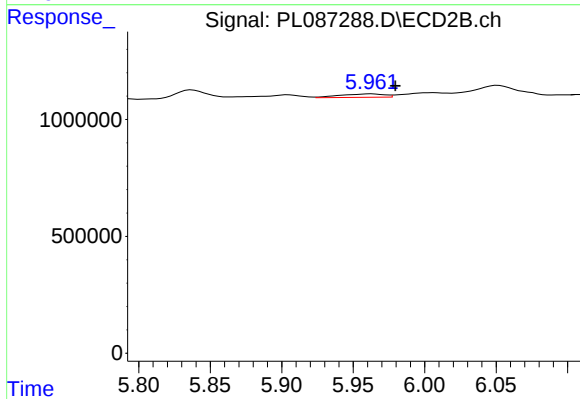
#16 4,4'-DDD

R.T.: 5.716 min  
Delta R.T.: -0.011 min  
Response: 532640  
Conc: 0.32 ng/ml



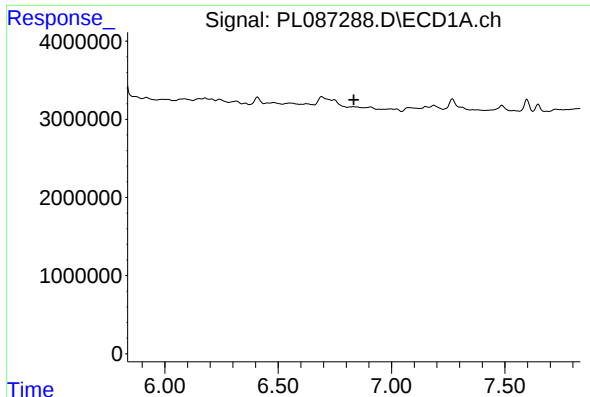
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 6.943 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

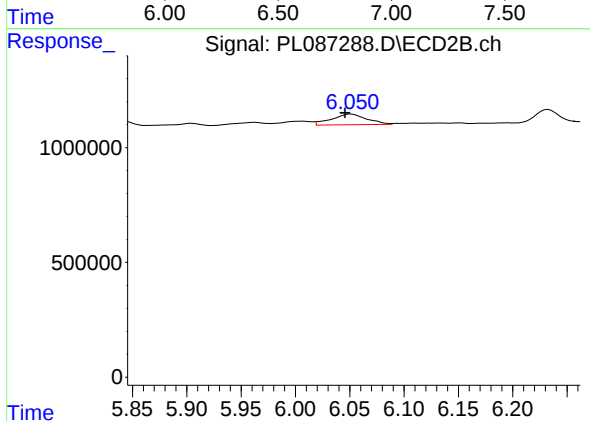
R.T.: 5.962 min  
Delta R.T.: -0.017 min  
Response: 319354  
Conc: 0.17 ng/ml



#18 Endrin aldehyde

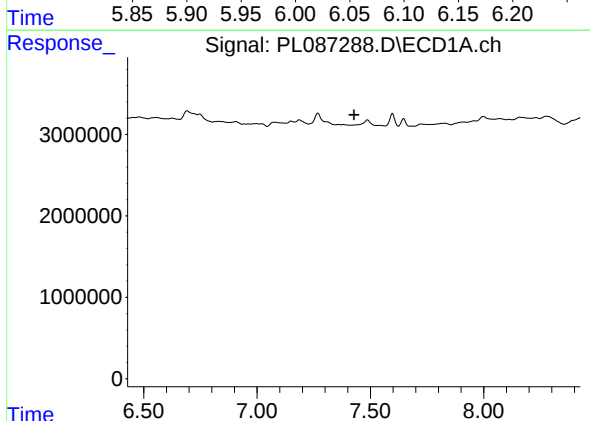
R.T.: 0.000 min  
Exp R.T. : 6.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



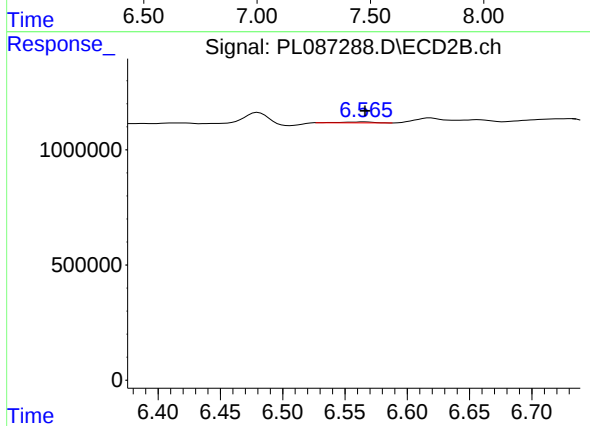
#18 Endrin aldehyde

R.T.: 6.051 min  
Delta R.T.: 0.006 min  
Response: 1063110  
Conc: 0.72 ng/ml



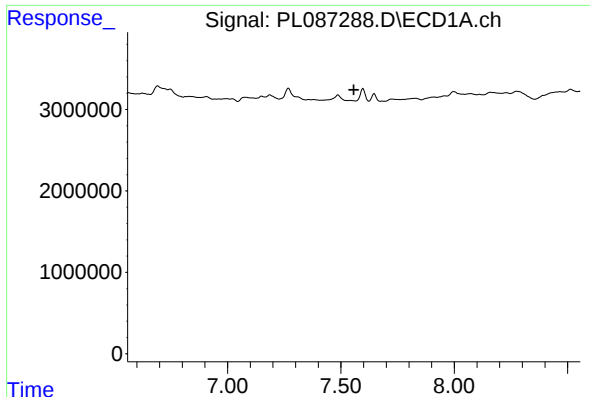
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.428 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

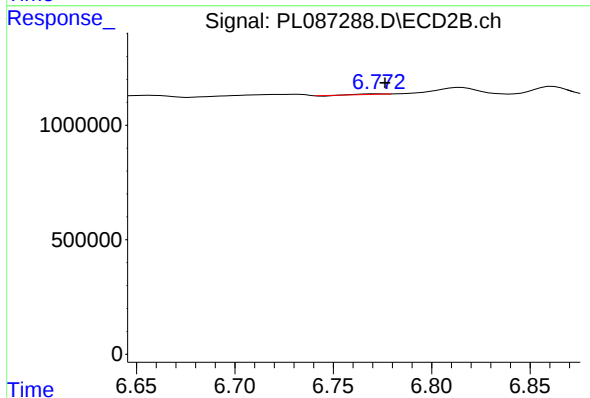
R.T.: 6.566 min  
Delta R.T.: 0.000 min  
Response: 68315  
Conc: 0.07 ng/ml



#21 Endrin ketone

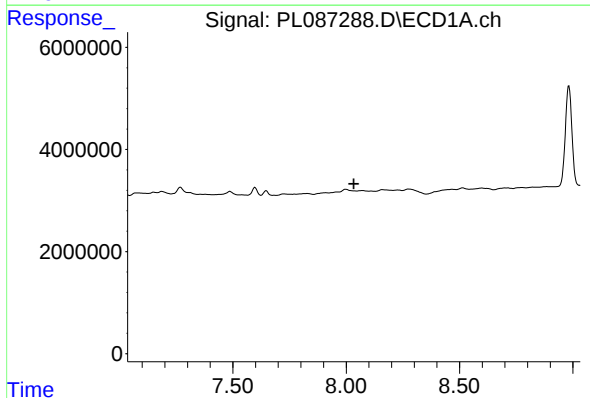
R.T.: 0.000 min  
Exp R.T.: 7.557 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



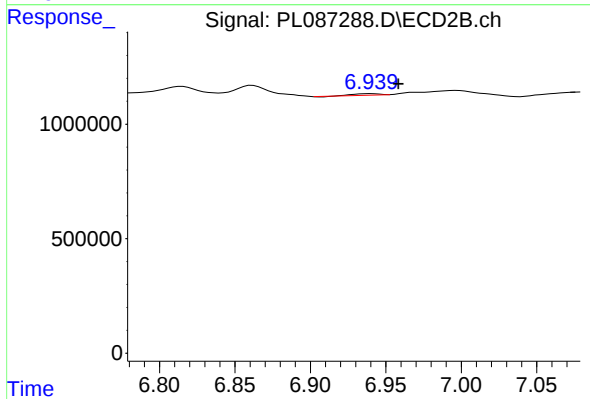
#21 Endrin ketone

R.T.: 6.773 min  
Delta R.T.: -0.003 min  
Response: 459  
Conc: 0.00 ng/ml



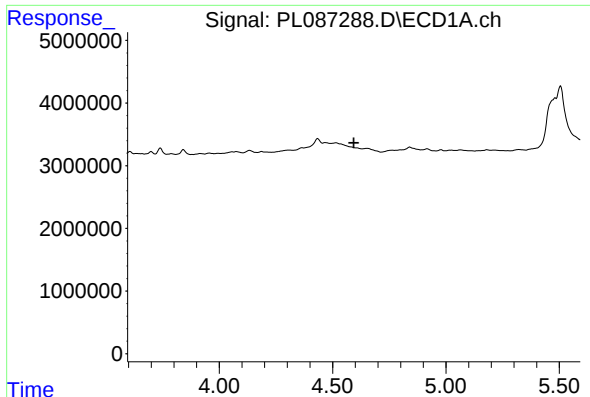
#22 Mirex

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



#22 Mirex

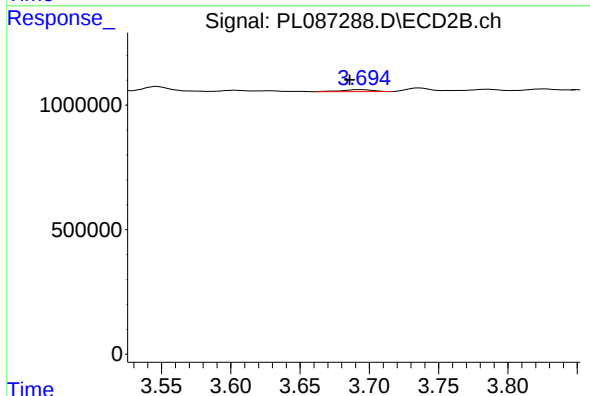
R.T.: 6.940 min  
Delta R.T.: -0.018 min  
Response: 65590  
Conc: 0.04 ng/ml



#23 Chlordane-1

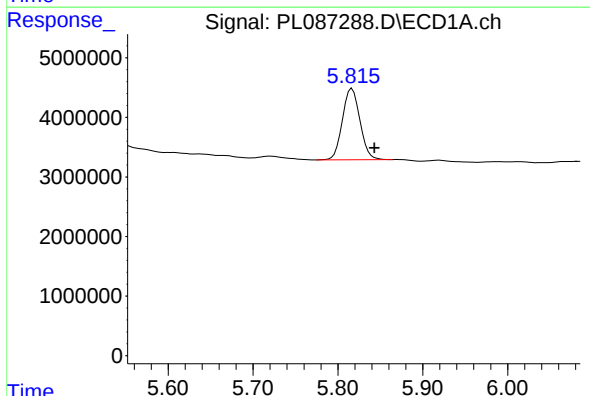
R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



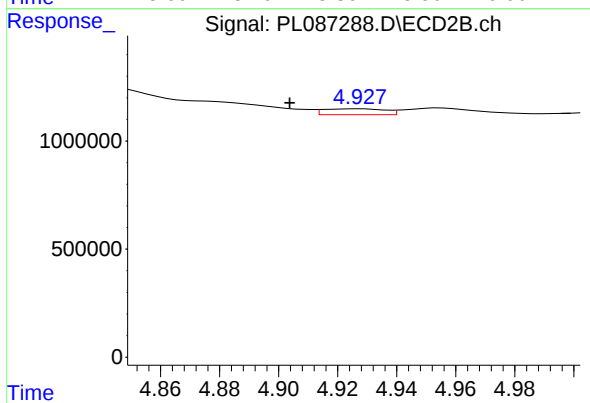
#23 Chlordane-1

R.T.: 3.695 min  
Delta R.T.: 0.009 min  
Response: 114923  
Conc: 1.85 ng/ml



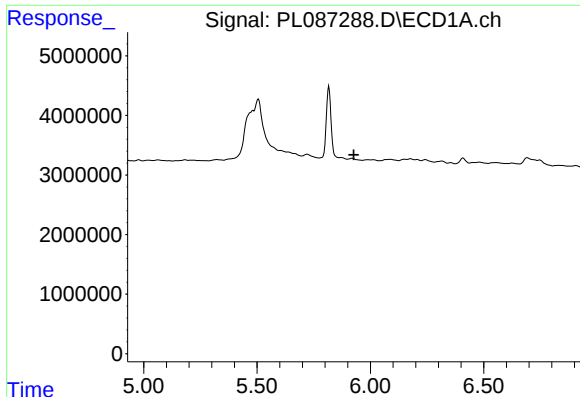
#25 Chlordane-3

R.T.: 5.817 min  
Delta R.T.: -0.026 min  
Response: 17164526  
Conc: 24.62 ng/ml



#25 Chlordane-3

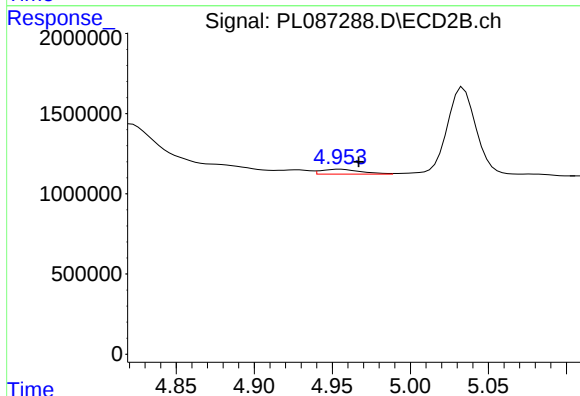
R.T.: 4.928 min  
Delta R.T.: 0.024 min  
Response: 389653  
Conc: 1.76 ng/ml



#26 Chlordane-4

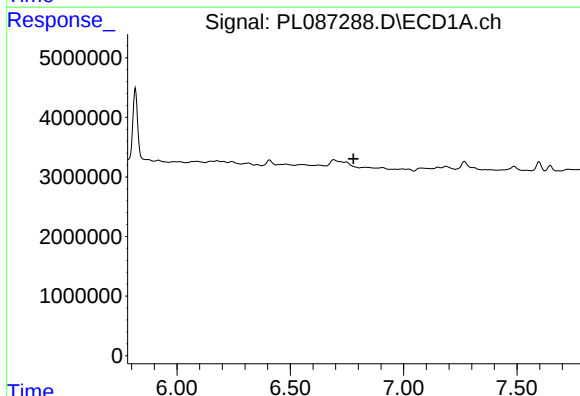
R.T.: 0.000 min  
Exp R.T.: 5.927 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



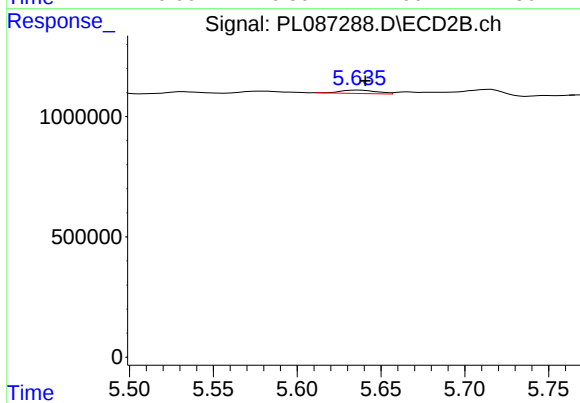
#26 Chlordane-4

R.T.: 4.955 min  
Delta R.T.: -0.012 min  
Response: 546532  
Conc: 2.35 ng/ml



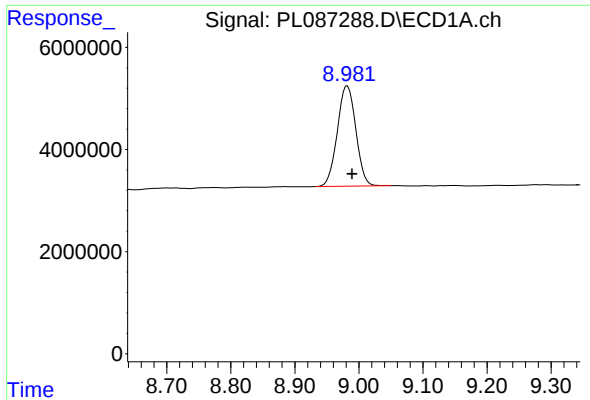
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

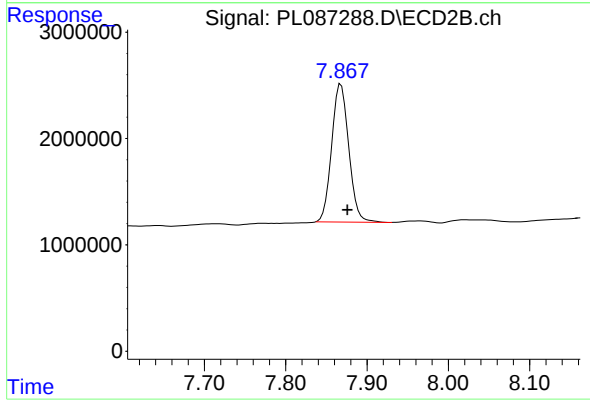
R.T.: 5.636 min  
Delta R.T.: -0.004 min  
Response: 212862  
Conc: 3.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.982 min  
Delta R.T.: -0.007 min  
Response: 39528664  
Conc: 11.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SS-36a



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: -0.008 min  
Response: 19005133  
Conc: 11.25 ng/ml