

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032924\  
 Data File : PL088832.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Mar 2024 15:15  
 Operator : AR\AJ  
 Sample : P1913-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 30 00:35:14 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 2024  
 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... | 3.642  | 2.853  | 56757412 | 31216609 | 21.418 | 23.423   |
| 28)                         | SA Decachlor... | 9.314  | 8.084  | 44267560 | 29152740 | 17.908 | 21.500   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.350f | 0        | 296668   | N.D.   | 0.148 #  |
| 3)                          | MA gamma-BHC... | 4.419f | 3.713  | 2159241  | 777676   | 0.557  | 0.405 #  |
| 4)                          | MA Heptachlor   | 5.044  | 4.052  | 3023286  | 1492315  | 0.796  | 0.829    |
| 5)                          | MB Aldrin       | 5.363f | 4.340  | 1489082  | 407208   | 0.406  | 0.225 #  |
| 6)                          | B beta-BHC      | 4.657f | 4.015  | 1562487  | 89766    | 0.881  | 0.105 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.238  | 0        | 163233   | N.D.   | 0.085 #  |
| 8)                          | B Heptachlo...  | 5.819  | 4.849  | 2140433  | 207361   | 0.623  | 0.126 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.198f | 0        | 203263   | N.D.   | 0.135 #  |
| 10)                         | B gamma-Chl...  | 6.084  | 5.104  | 7982092  | 3323843  | 2.396  | 2.007    |
| 11)                         | B alpha-Chl...  | 6.166  | 5.168  | 7256786  | 2445680  | 2.183  | 1.473 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.362  | 0        | 62160    | N.D.   | 0.043 #  |
| 13)                         | MA Dieldrin     | 6.493  | 5.498  | 159460   | 719694   | 0.049  | 0.443 #  |
| 14)                         | MA Endrin       | 0.000  | 5.787  | 0        | 918068   | N.D.   | 0.637 #  |
| 15)                         | B Endosulfa...  | 0.000  | 6.077  | 0        | 944700   | N.D.   | 0.657 #  |
| 16)                         | A 4,4'-DDD      | 6.834f | 0.000  | 857644   | 0        | 0.337  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.179  | 0        | 327608   | N.D.   | 0.244 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.246  | 0        | 29188    | N.D.   | 0.028 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.763  | 0        | 48058    | N.D.   | 0.060 #  |
| 21)                         | B Endrin ke...  | 7.778f | 6.995  | 281721   | -21291   | 0.095  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 7.182  | 0        | 799936   | N.D.   | 0.593 #  |
| 23)                         | Chlordane-1     | 4.824  | 3.873  | 822443   | 1390815  | 7.073  | 28.644 # |
| 24)                         | Chlordane-2     | 5.363  | 4.464  | 1489082  | 809712   | 11.327 | 13.336   |
| 25)                         | Chlordane-3     | 6.084  | 5.104  | 7982092  | 3323843  | 16.053 | 19.475   |
| 26)                         | Chlordane-4     | 6.166  | 5.168  | 7256786  | 2445680  | 12.097 | 15.330 # |
| 27)                         | Chlordane-5     | 7.028  | 5.845  | 1053894  | 2564297  | 9.970  | 50.563 # |
| -----                       |                 |        |        |          |          |        |          |

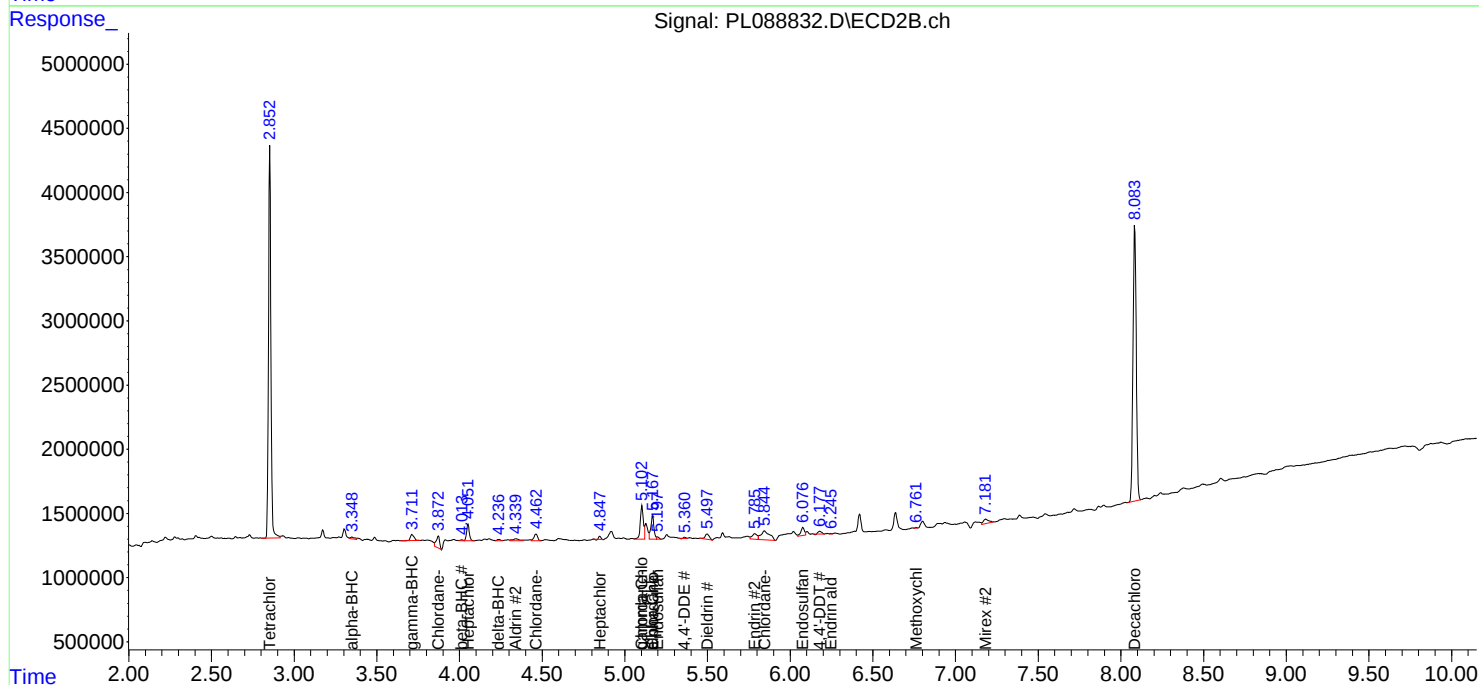
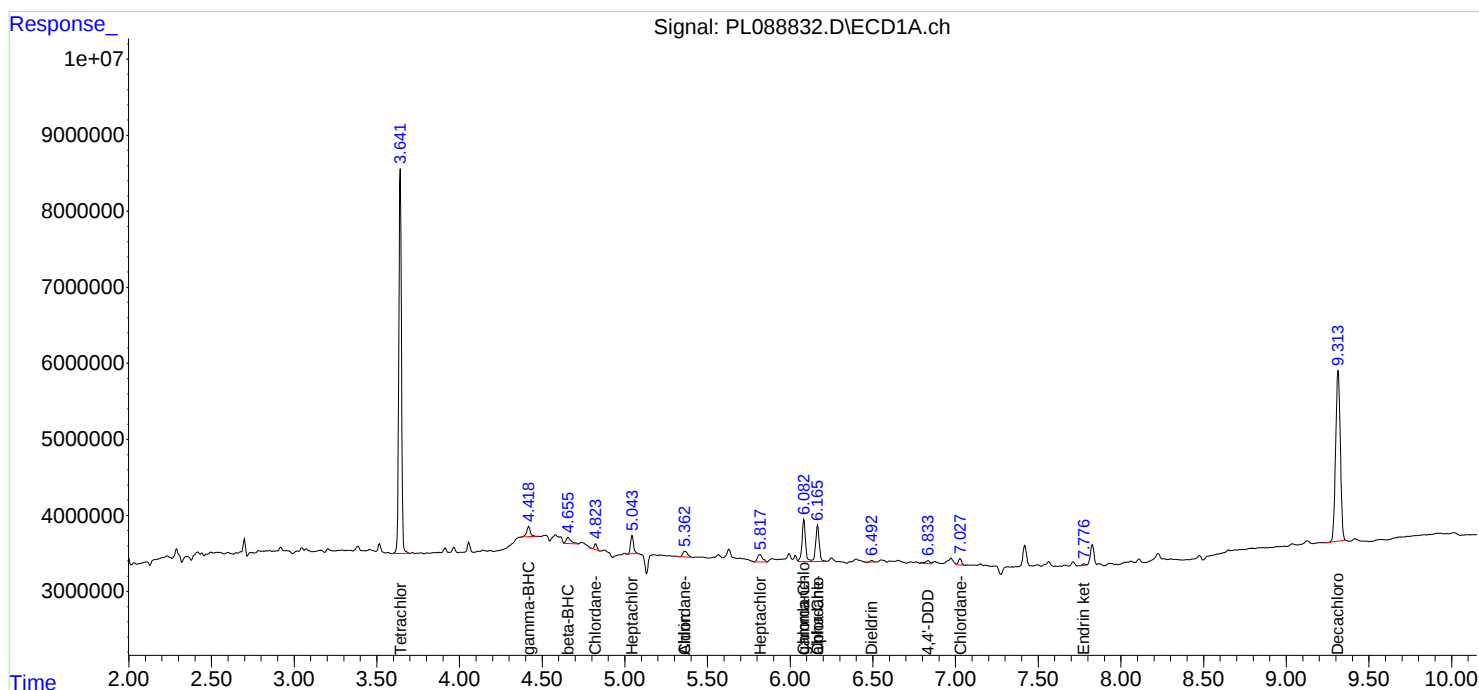
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

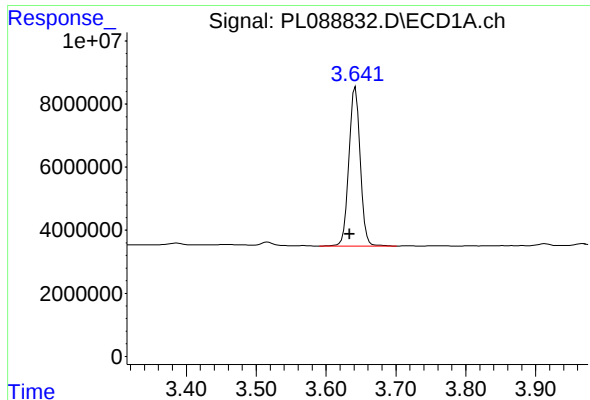
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032924\  
Data File : PL088832.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Mar 2024 15:15  
Operator : AR\AJ  
Sample : P1913-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 30 00:35:14 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 13 15:45:55 2024  
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

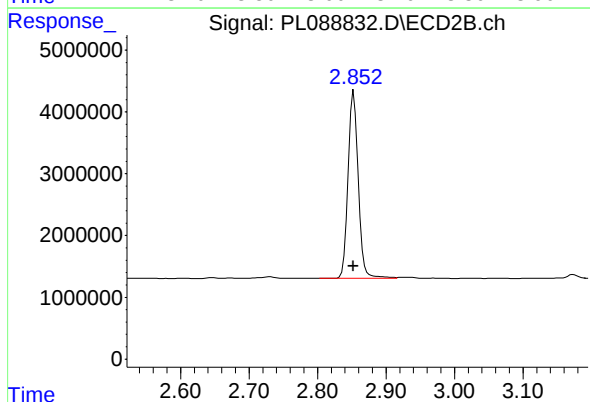




#1 Tetrachloro-m-xylene

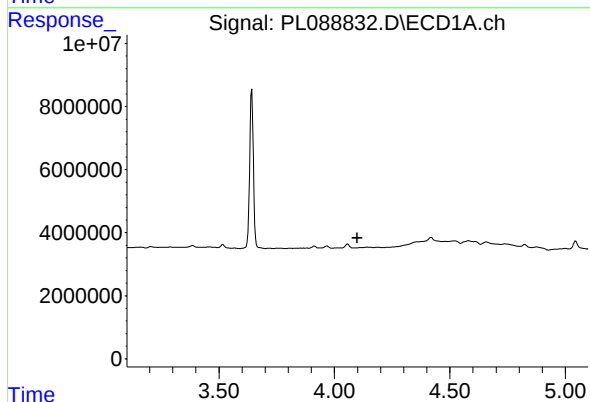
R.T.: 3.642 min  
Delta R.T.: 0.008 min  
Response: 56757412  
Conc: 21.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



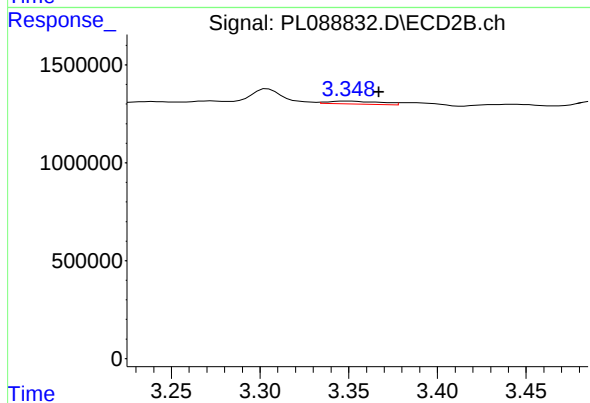
#1 Tetrachloro-m-xylene

R.T.: 2.853 min  
Delta R.T.: 0.000 min  
Response: 31216609  
Conc: 23.42 ng/ml



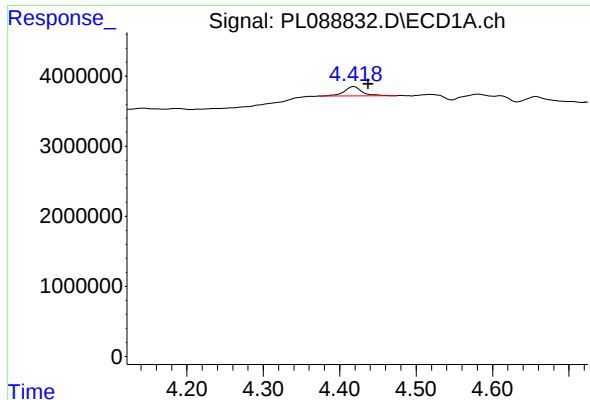
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 4.099 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

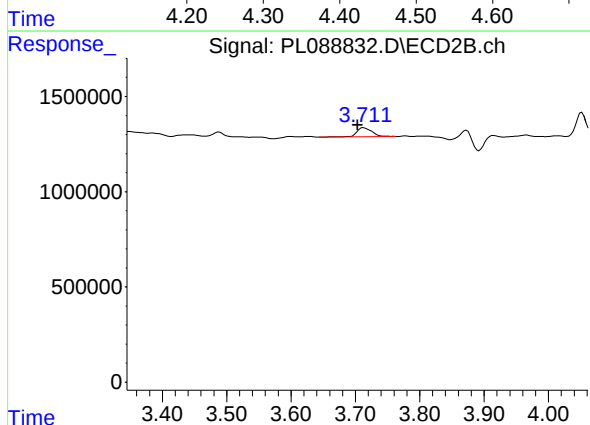
R.T.: 3.350 min  
Delta R.T.: -0.017 min  
Response: 296668  
Conc: 0.15 ng/ml



#3 gamma-BHC (Lindane)

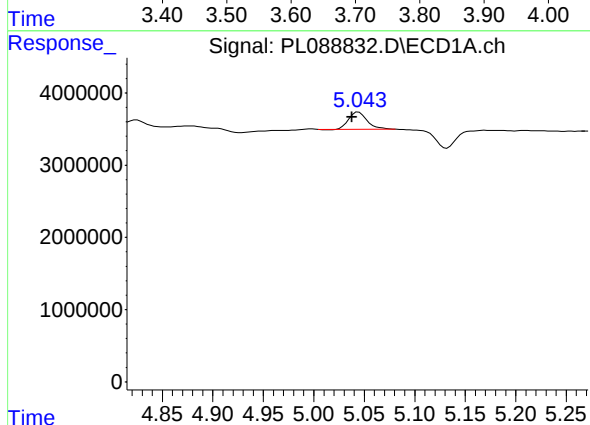
R.T.: 4.419 min  
Delta R.T.: -0.019 min  
Response: 2159241  
Conc: 0.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



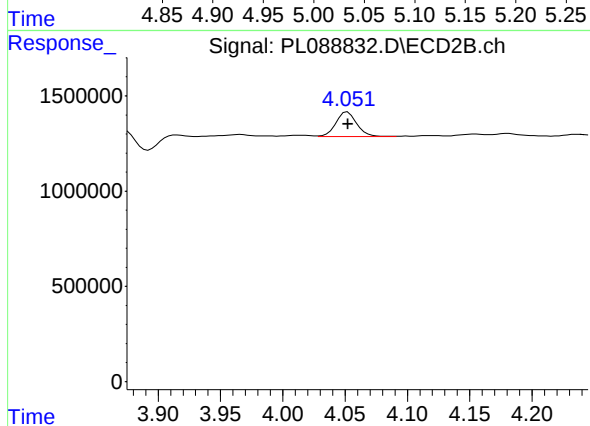
#3 gamma-BHC (Lindane)

R.T.: 3.713 min  
Delta R.T.: 0.009 min  
Response: 777676  
Conc: 0.41 ng/ml



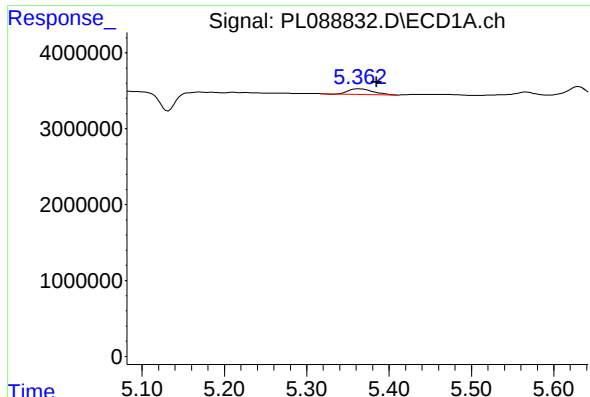
#4 Heptachlor

R.T.: 5.044 min  
Delta R.T.: 0.006 min  
Response: 3023286  
Conc: 0.80 ng/ml



#4 Heptachlor

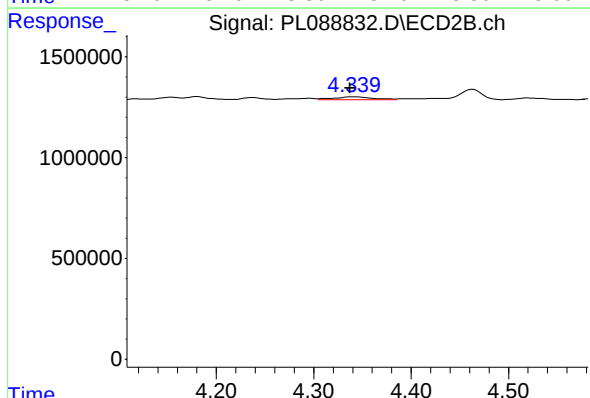
R.T.: 4.052 min  
Delta R.T.: 0.000 min  
Response: 1492315  
Conc: 0.83 ng/ml



#5 Aldrin

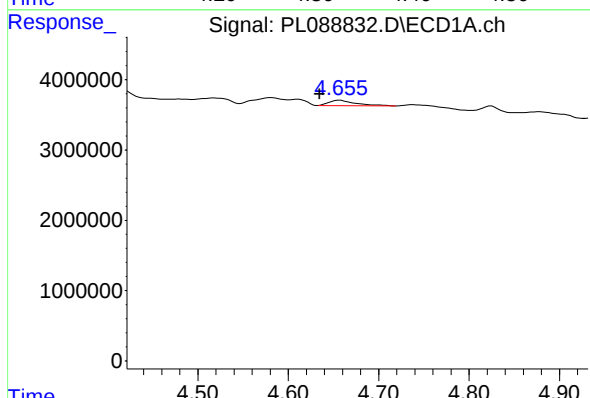
R.T.: 5.363 min  
Delta R.T.: -0.022 min  
Response: 1489082  
Conc: 0.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



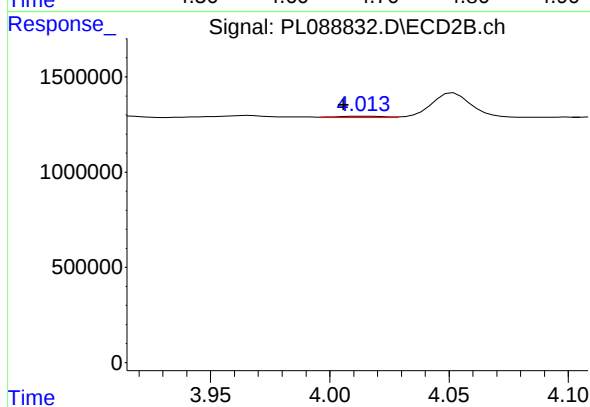
#5 Aldrin

R.T.: 4.340 min  
Delta R.T.: 0.003 min  
Response: 407208  
Conc: 0.23 ng/ml



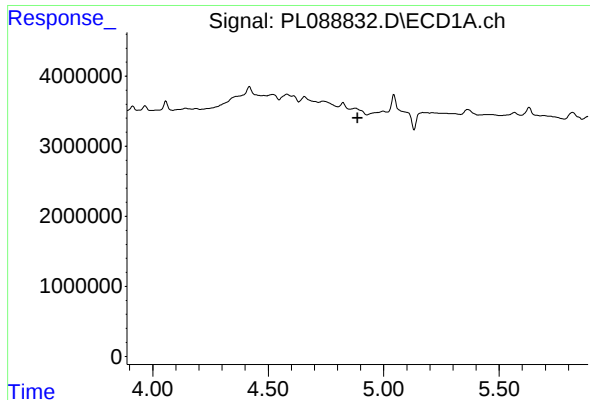
#6 beta-BHC

R.T.: 4.657 min  
Delta R.T.: 0.022 min  
Response: 1562487  
Conc: 0.88 ng/ml



#6 beta-BHC

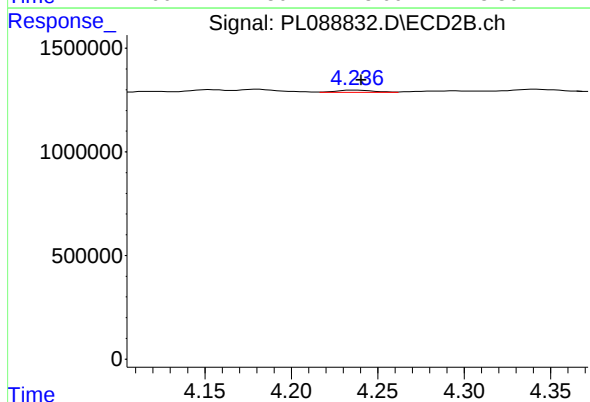
R.T.: 4.015 min  
Delta R.T.: 0.009 min  
Response: 89766  
Conc: 0.10 ng/ml



#7 delta-BHC

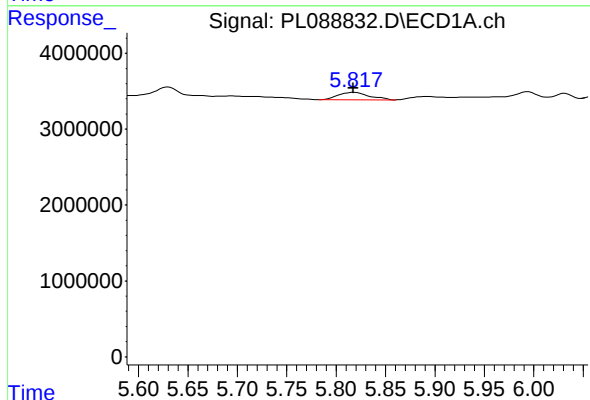
R.T.: 0.000 min  
Exp R.T.: 4.887 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



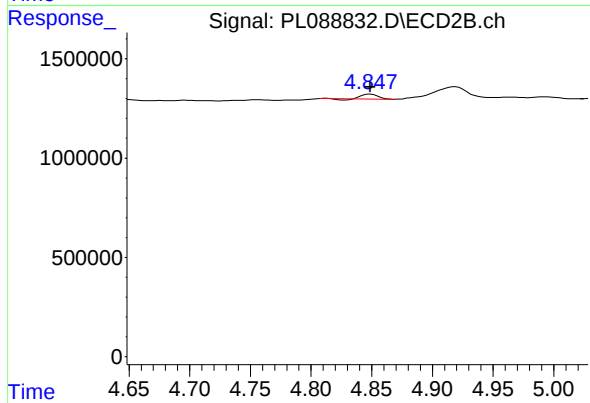
#7 delta-BHC

R.T.: 4.238 min  
Delta R.T.: -0.003 min  
Response: 163233  
Conc: 0.09 ng/ml



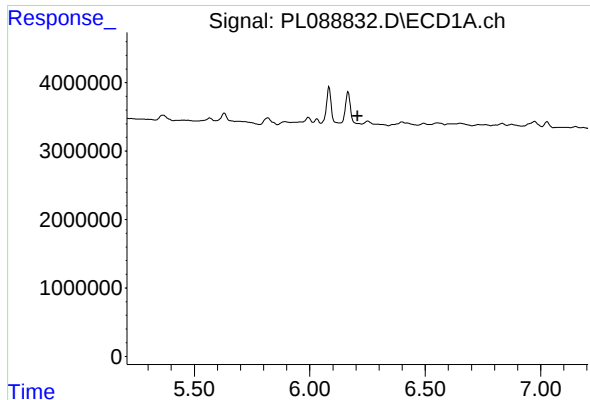
#8 Heptachlor epoxide

R.T.: 5.819 min  
Delta R.T.: 0.001 min  
Response: 2140433  
Conc: 0.62 ng/ml



#8 Heptachlor epoxide

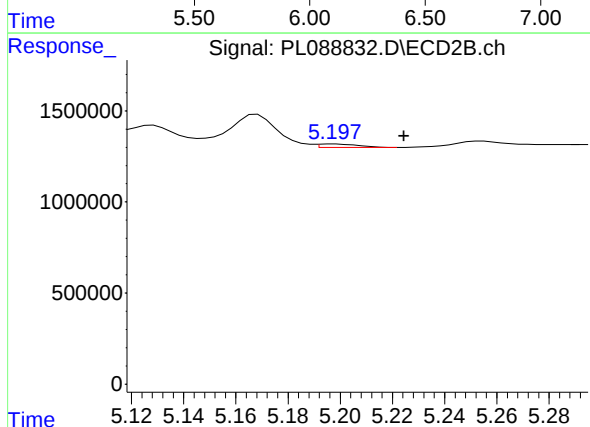
R.T.: 4.849 min  
Delta R.T.: 0.000 min  
Response: 207361  
Conc: 0.13 ng/ml



#9 Endosulfan I

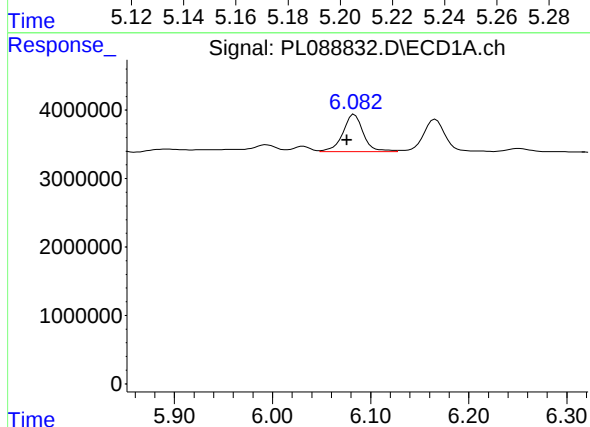
R.T.: 0.000 min  
Exp R.T.: 6.207 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



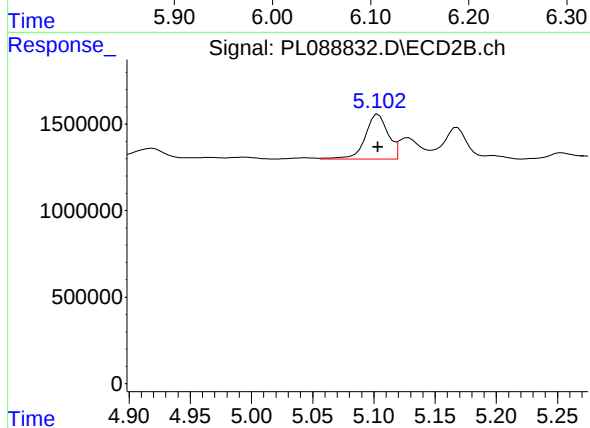
#9 Endosulfan I

R.T.: 5.198 min  
Delta R.T.: -0.026 min  
Response: 203263  
Conc: 0.14 ng/ml



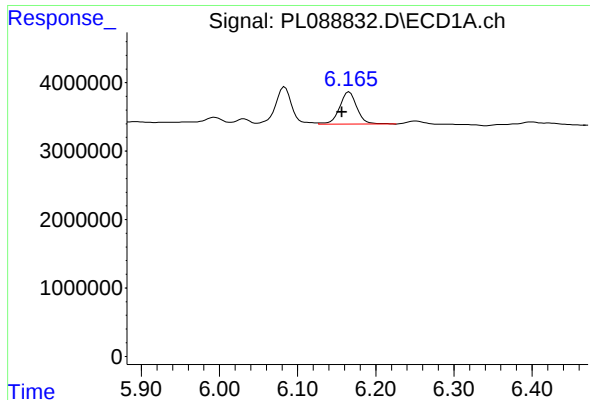
#10 gamma-Chlordane

R.T.: 6.084 min  
Delta R.T.: 0.008 min  
Response: 7982092  
Conc: 2.40 ng/ml



#10 gamma-Chlordane

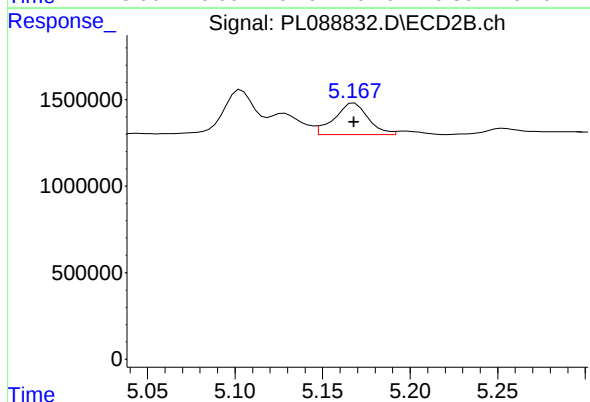
R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 3323843  
Conc: 2.01 ng/ml



#11 alpha-Chlordane

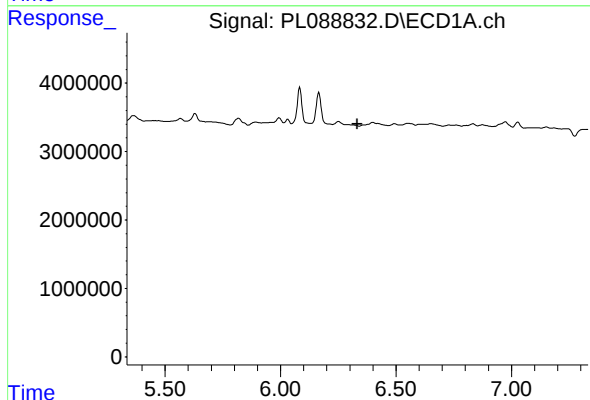
R.T.: 6.166 min  
Delta R.T.: 0.009 min  
Response: 7256786  
Conc: 2.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



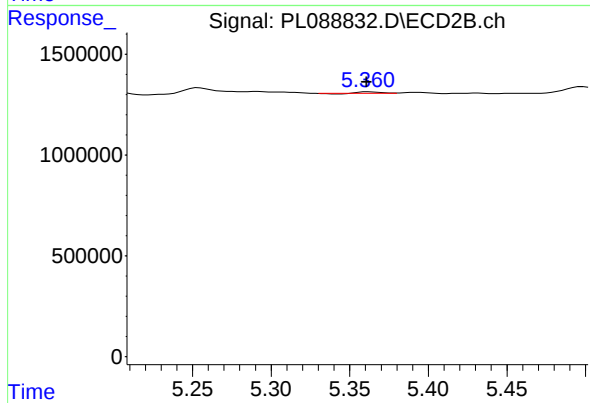
#11 alpha-Chlordane

R.T.: 5.168 min  
Delta R.T.: 0.000 min  
Response: 2445680  
Conc: 1.47 ng/ml



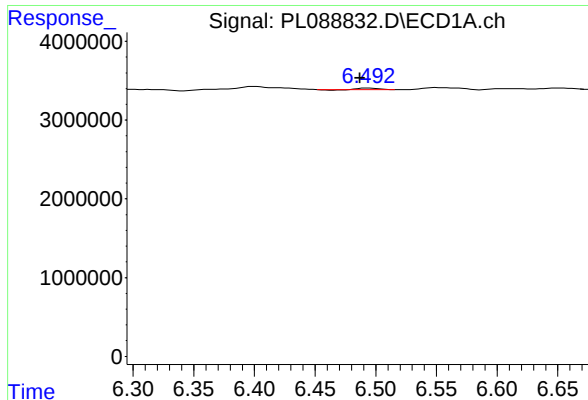
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.332 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

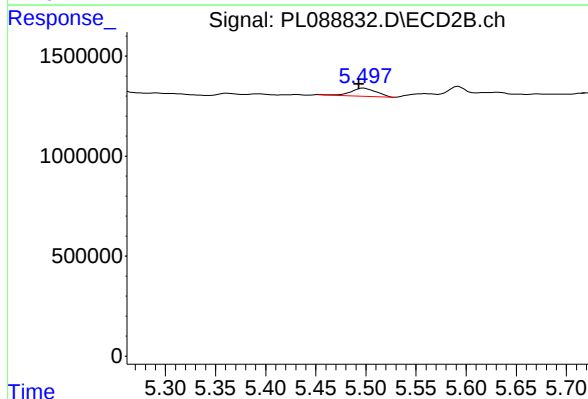
R.T.: 5.362 min  
Delta R.T.: 0.000 min  
Response: 62160  
Conc: 0.04 ng/ml



#13 Dieldrin

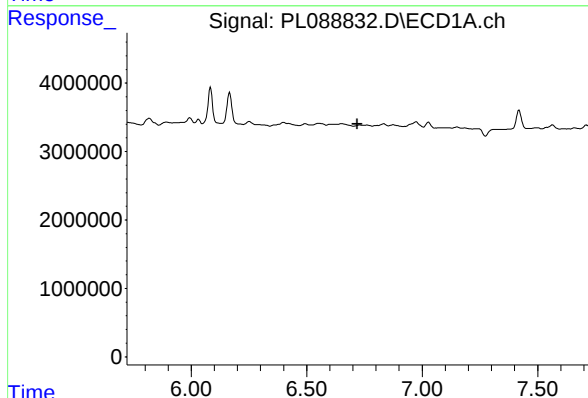
R.T.: 6.493 min  
Delta R.T.: 0.006 min  
Response: 159460  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



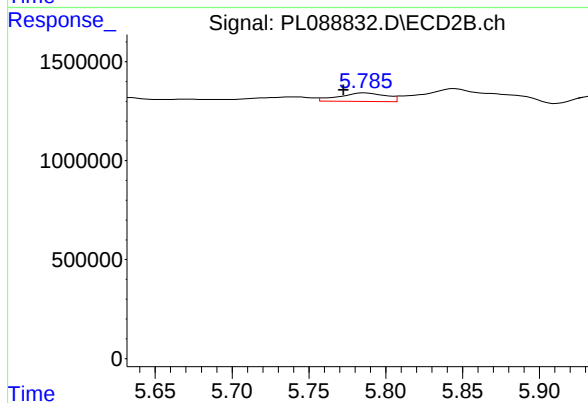
#13 Dieldrin

R.T.: 5.498 min  
Delta R.T.: 0.005 min  
Response: 719694  
Conc: 0.44 ng/ml



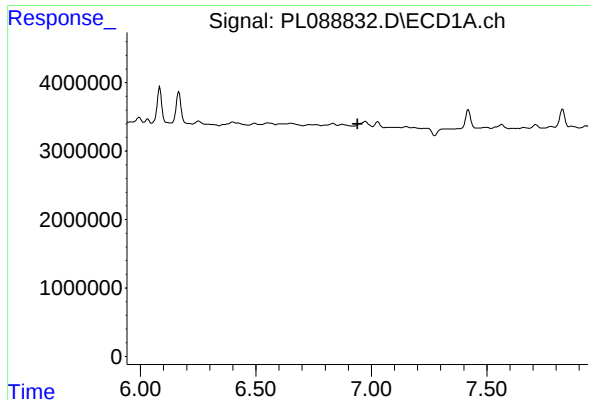
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.719 min  
Response: 0  
Conc: N.D.



#14 Endrin

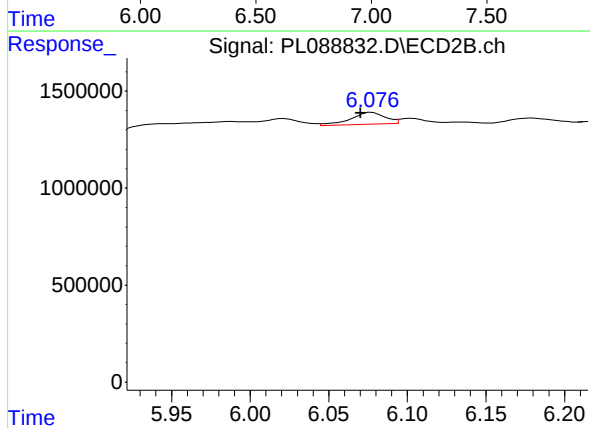
R.T.: 5.787 min  
Delta R.T.: 0.014 min  
Response: 918068  
Conc: 0.64 ng/ml



#15 Endosulfan II

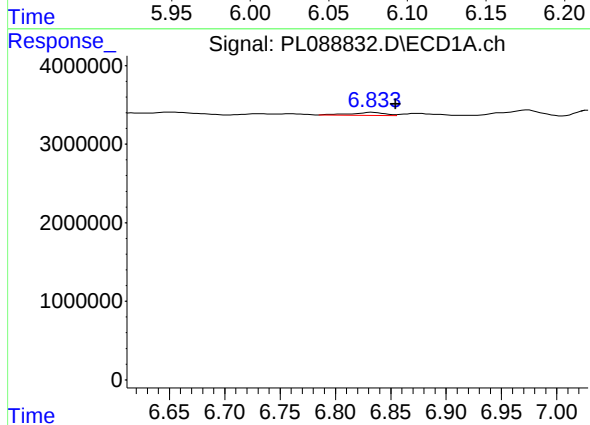
R.T.: 0.000 min  
Exp R.T.: 6.940 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



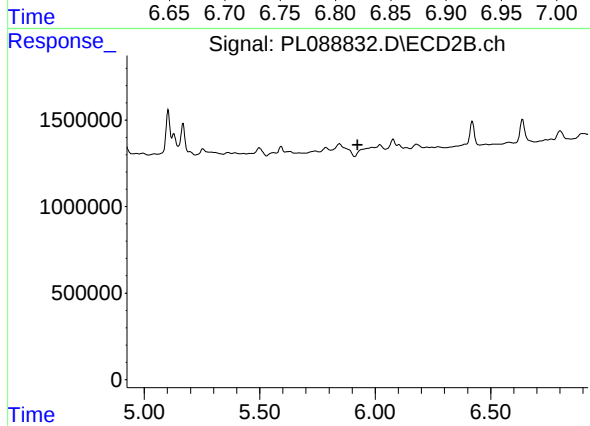
#15 Endosulfan II

R.T.: 6.077 min  
Delta R.T.: 0.007 min  
Response: 944700  
Conc: 0.66 ng/ml



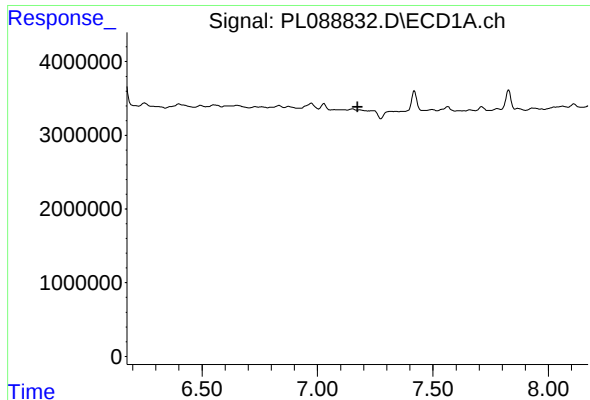
#16 4,4'-DDD

R.T.: 6.834 min  
Delta R.T.: -0.020 min  
Response: 857644  
Conc: 0.34 ng/ml



#16 4,4'-DDD

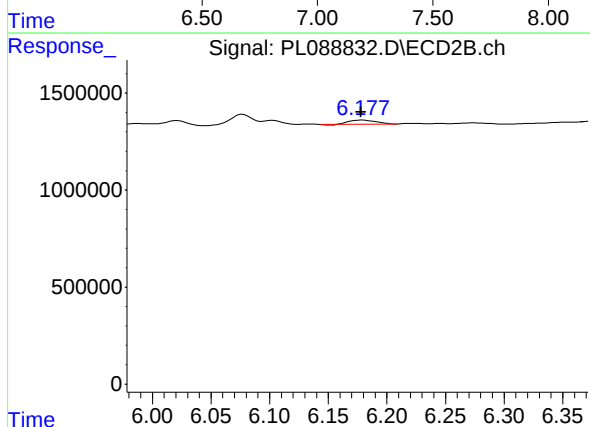
R.T.: 0.000 min  
Exp R.T.: 5.923 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

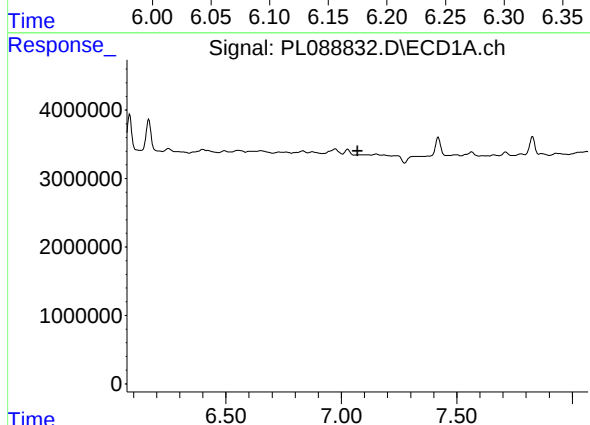
R.T.: 0.000 min  
Exp R.T.: 7.173 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



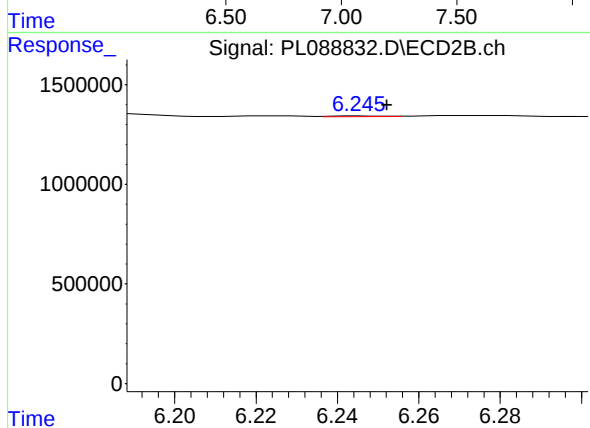
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: 0.000 min  
Response: 327608  
Conc: 0.24 ng/ml



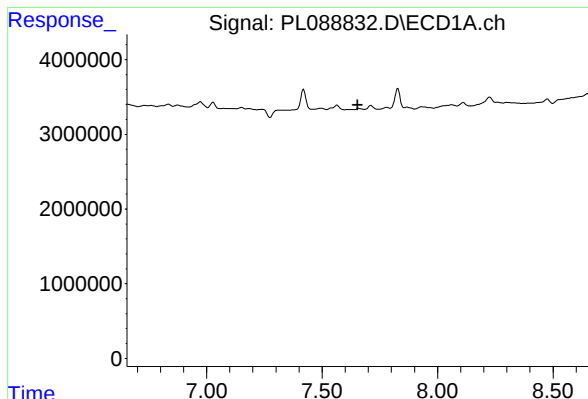
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 7.071 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

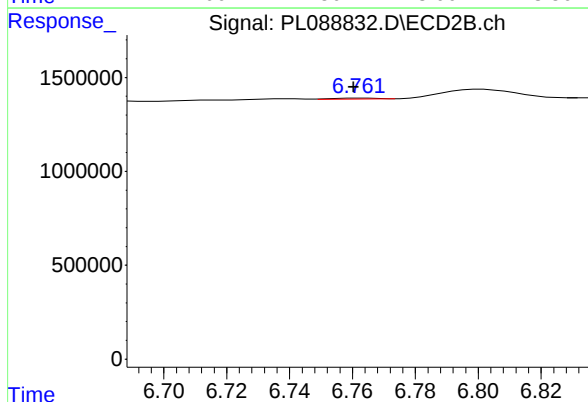
R.T.: 6.246 min  
Delta R.T.: -0.006 min  
Response: 29188  
Conc: 0.03 ng/ml



#20 Methoxychlor

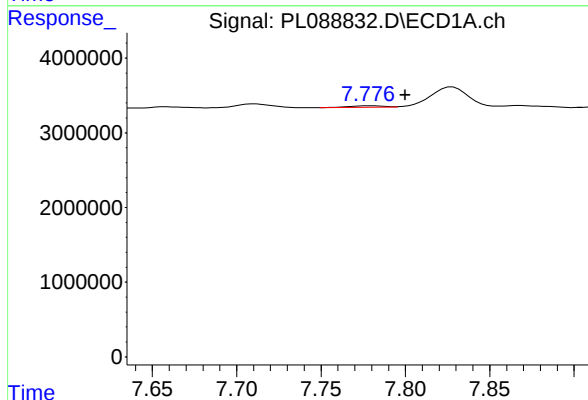
R.T.: 0.000 min  
Exp R.T.: 7.653 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



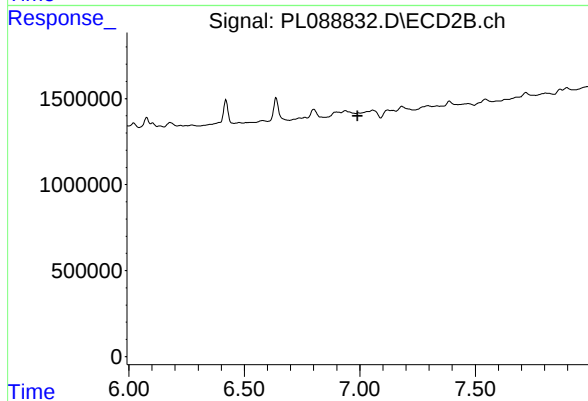
#20 Methoxychlor

R.T.: 6.763 min  
Delta R.T.: 0.002 min  
Response: 48058  
Conc: 0.06 ng/ml



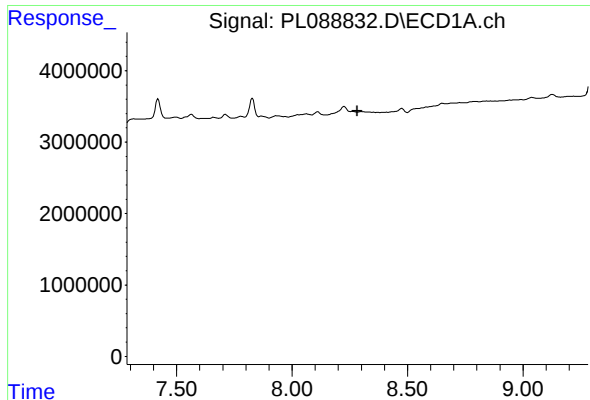
#21 Endrin ketone

R.T.: 7.778 min  
Delta R.T.: -0.022 min  
Response: 281721  
Conc: 0.10 ng/ml



#21 Endrin ketone

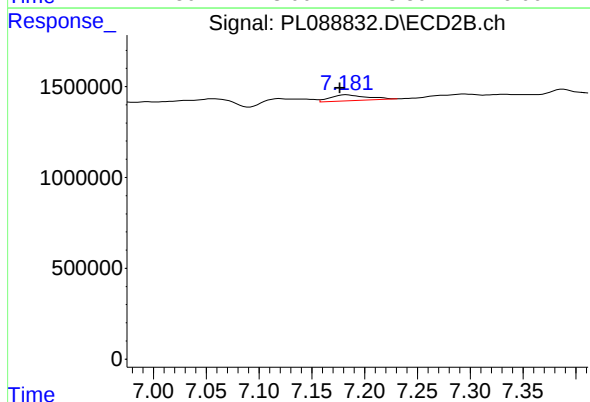
R.T.: 6.995 min  
Delta R.T.: 0.005 min  
Response: -21291  
Conc: N.D.



#22 Mirex

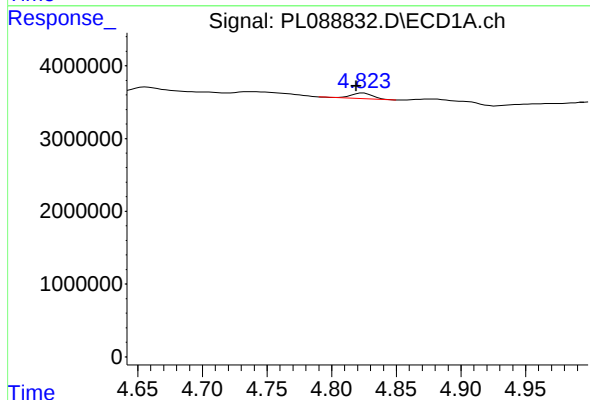
R.T.: 0.000 min  
Exp R.T.: 8.282 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



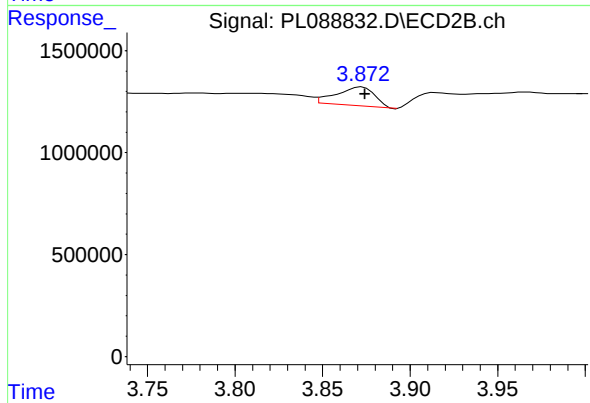
#22 Mirex

R.T.: 7.182 min  
Delta R.T.: 0.006 min  
Response: 799936  
Conc: 0.59 ng/ml



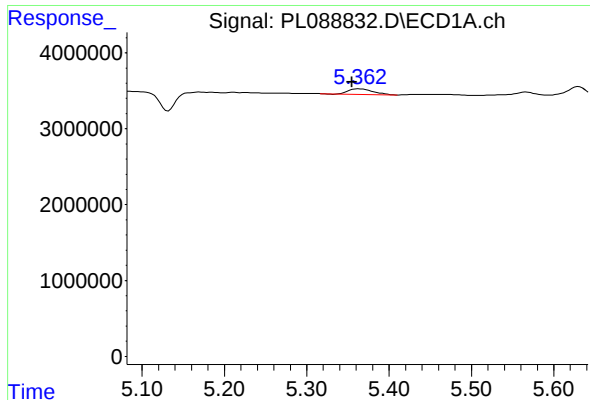
#23 Chlordane-1

R.T.: 4.824 min  
Delta R.T.: 0.005 min  
Response: 822443  
Conc: 7.07 ng/ml



#23 Chlordane-1

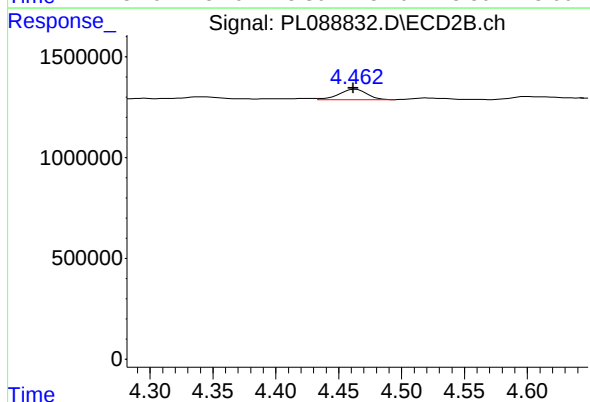
R.T.: 3.873 min  
Delta R.T.: -0.002 min  
Response: 1390815  
Conc: 28.64 ng/ml



#24 Chlordane-2

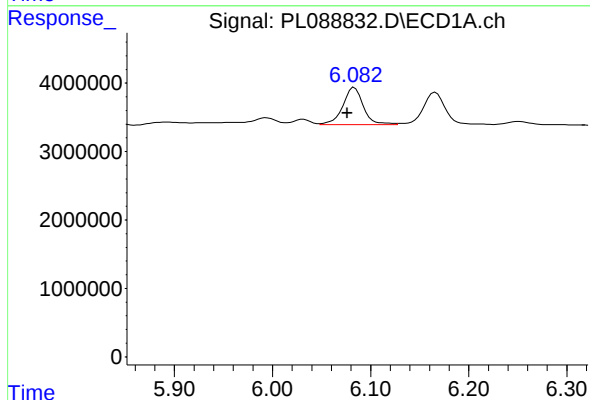
R.T.: 5.363 min  
Delta R.T.: 0.008 min  
Response: 1489082  
Conc: 11.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



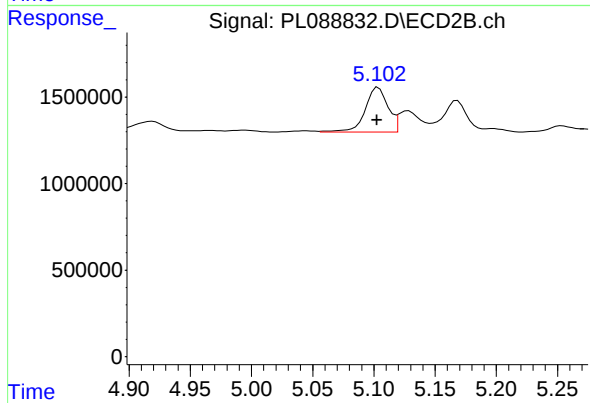
#24 Chlordane-2

R.T.: 4.464 min  
Delta R.T.: 0.002 min  
Response: 809712  
Conc: 13.34 ng/ml



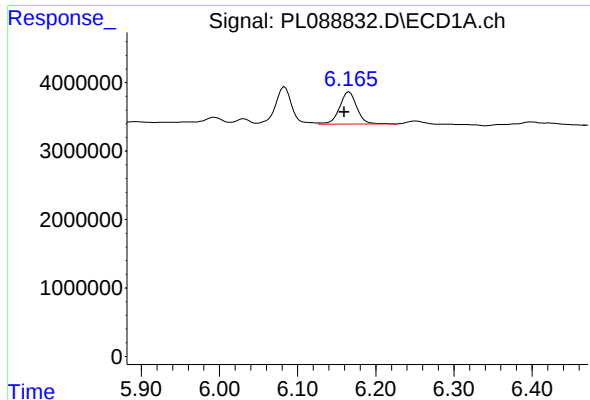
#25 Chlordane-3

R.T.: 6.084 min  
Delta R.T.: 0.007 min  
Response: 7982092  
Conc: 16.05 ng/ml



#25 Chlordane-3

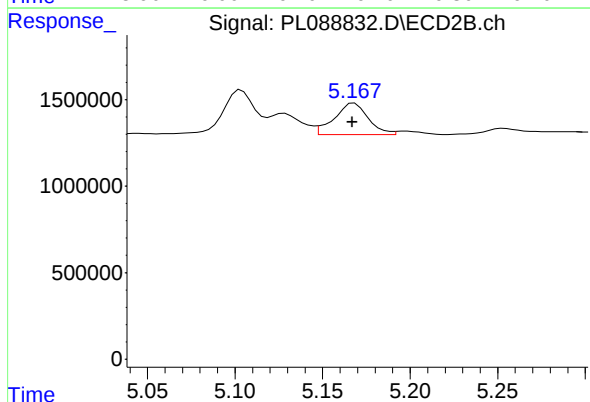
R.T.: 5.104 min  
Delta R.T.: 0.001 min  
Response: 3323843  
Conc: 19.48 ng/ml



#26 Chlordane-4

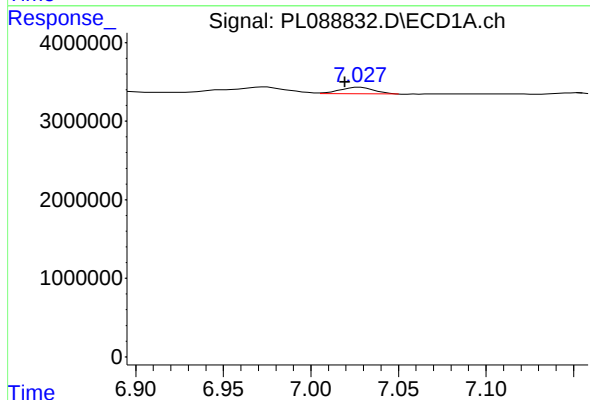
R.T.: 6.166 min  
Delta R.T.: 0.006 min  
Response: 7256786  
Conc: 12.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



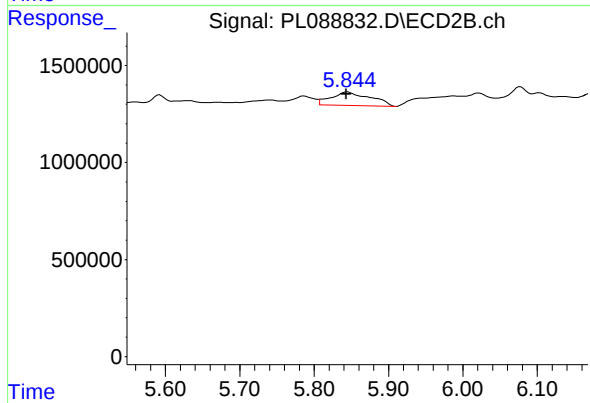
#26 Chlordane-4

R.T.: 5.168 min  
Delta R.T.: 0.001 min  
Response: 2445680  
Conc: 15.33 ng/ml



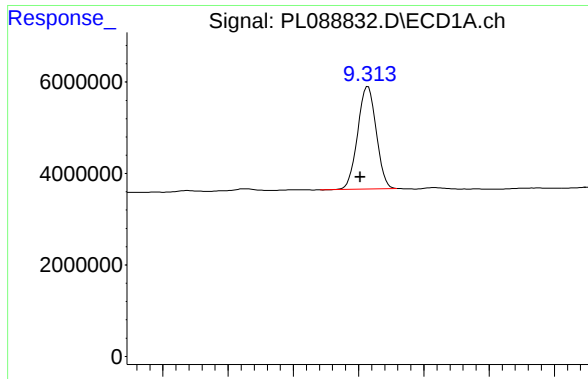
#27 Chlordane-5

R.T.: 7.028 min  
Delta R.T.: 0.008 min  
Response: 1053894  
Conc: 9.97 ng/ml



#27 Chlordane-5

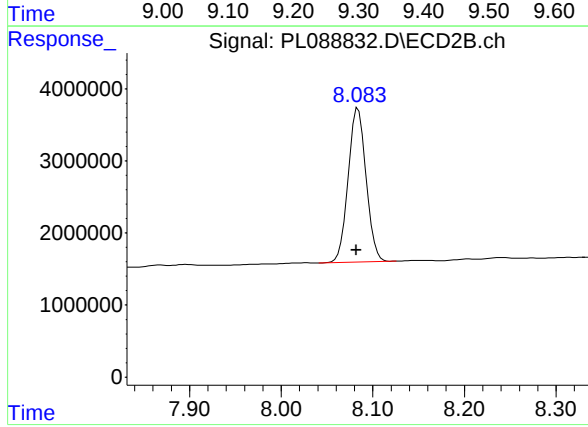
R.T.: 5.845 min  
Delta R.T.: 0.002 min  
Response: 2564297  
Conc: 50.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.314 min  
Delta R.T.: 0.012 min  
Response: 44267560  
Conc: 17.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: 0.002 min  
Response: 29152740  
Conc: 21.50 ng/ml