

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071024\  
 Data File : PL090458.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2024 09:17  
 Operator : AR\AJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HEXANE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 01:20:39 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062424.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 25 11:05:38 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... | 0.000  | 2.807f | 0        | 23911    | N.D.   | 0.015 #  |
| 28)                         | SA Decachlor... | 9.053  | 7.943  | 20639    | 633797   | 0.013  | 0.425 #  |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.995  | 3.284  | 107897   | 133294   | 0.034  | 0.060 #  |
| 3)                          | MA gamma-BHC... | 4.348  | 3.636  | -18703   | 250510   | N.D.   | 0.117    |
| 5)                          | MB Aldrin       | 5.285f | 4.227f | 39627808 | 17827694 | 14.476 | 9.011 #  |
| 6)                          | B beta-BHC      | 4.517  | 3.930  | 731705   | 84625    | 0.543  | 0.088 #  |
| 7)                          | B delta-BHC     | 4.773  | 0.000  | 1742856  | 0        | 0.618  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.688  | 4.760  | 52297528 | -44631   | 20.508 | N.D. #   |
| 9)                          | A Endosulfan I  | 6.082  | 0.000  | 8289315  | 0        | 3.520  | N.D. #   |
| 10)                         | B gamma-Chl...  | 0.000  | 4.993  | 0        | 5822895  | N.D.   | 3.038 #  |
| 11)                         | B alpha-Chl...  | 6.036  | 5.051  | 7762604  | 15480772 | 3.112  | 8.083 #  |
| 12)                         | B 4,4'-DDE      | 6.197  | 0.000  | 1553172  | 0        | 0.711  | N.D. #   |
| 13)                         | MA Dieldrin     | 6.353  | 0.000  | 74511    | 0        | 0.030  | N.D. #   |
| 14)                         | MA Endrin       | 6.565f | 5.676f | 15568802 | 5738680  | 7.343  | 3.470 #  |
| 15)                         | B Endosulfa...  | 6.773f | 5.949  | 18619766 | 743781   | 8.421  | 0.453 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.837f | 0        | 71129    | N.D.   | 0.052 #  |
| 17)                         | MA 4,4'-DDT     | 7.057f | 6.060  | 2907734  | 150343   | 1.515  | 0.102 #  |
| 18)                         | B Endrin al...  | 6.924  | 6.128  | 4916194  | 108179   | 2.912  | 0.085 #  |
| 19)                         | B Endosulfa...  | 7.160  | 6.351  | 95960    | 558465   | 0.048  | 0.357 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.620  | 0        | 156448   | N.D.   | 0.188 #  |
| 21)                         | B Endrin ke...  | 7.649  | 0.000  | 31006    | 0        | 0.014  | N.D. #   |
| 22)                         | Mirex           | 8.125  | 7.028f | 110689   | 150459   | 0.064  | 0.099 #  |
| 23)                         | Chlordane-1     | 4.687f | 3.794  | 142058   | 1128220  | 1.446  | 18.530 # |
| 24)                         | Chlordane-2     | 5.206f | 0.000  | 6766098  | 0        | 57.041 | N.D. #   |
| 25)                         | Chlordane-3     | 0.000  | 4.993  | 0        | 5822895  | N.D.   | 28.839 # |
| 26)                         | Chlordane-4     | 6.036  | 5.051  | 7762604  | 15480772 | 17.401 | 81.085 # |
| 27)                         | Chlordane-5     | 6.884  | 5.747f | 4015887  | 393427   | 44.586 | 6.513 #  |
| -----                       |                 |        |        |          |          |        |          |

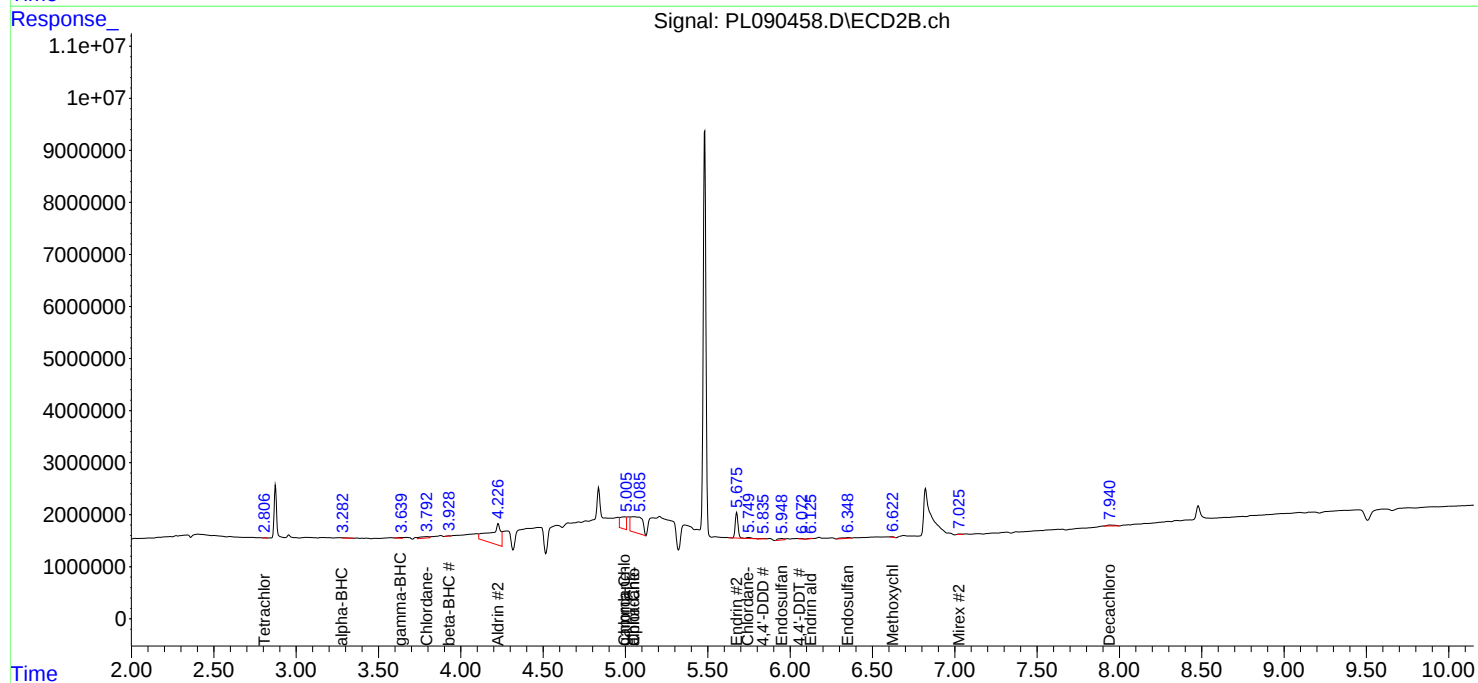
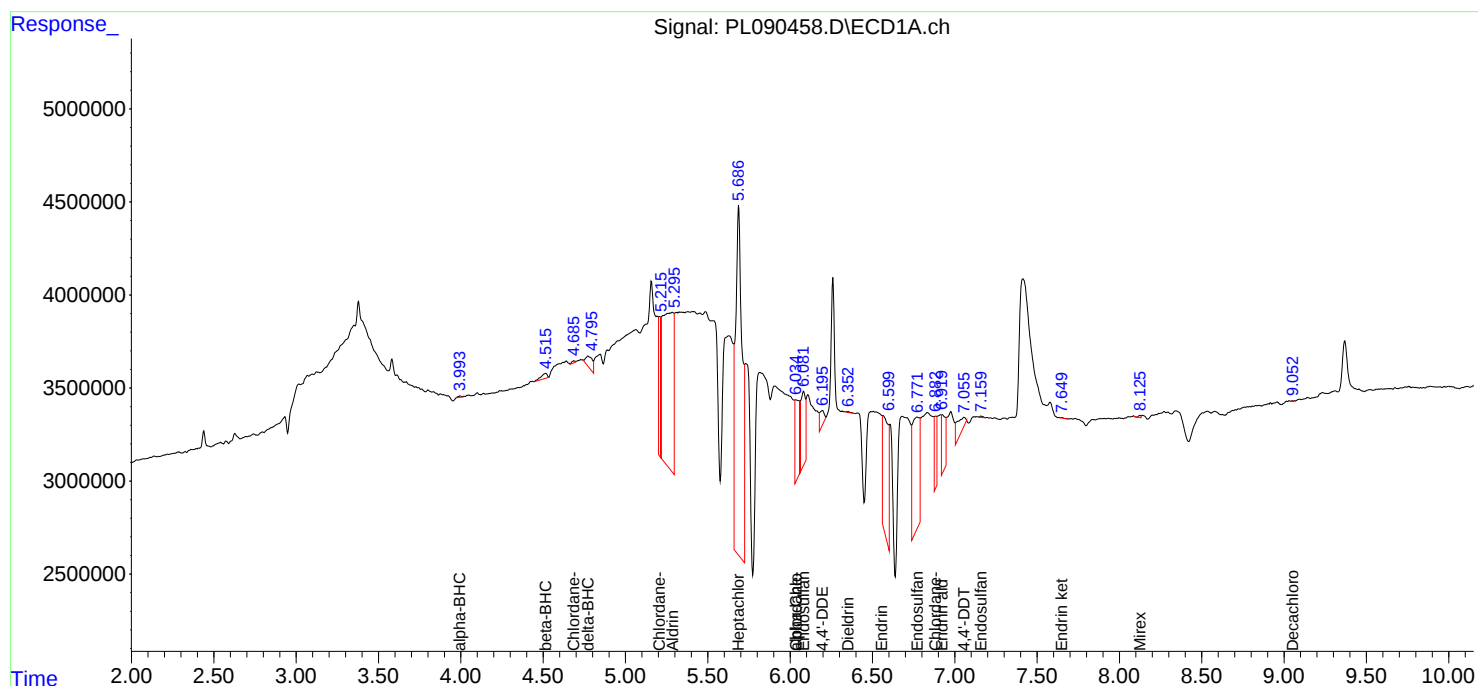
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

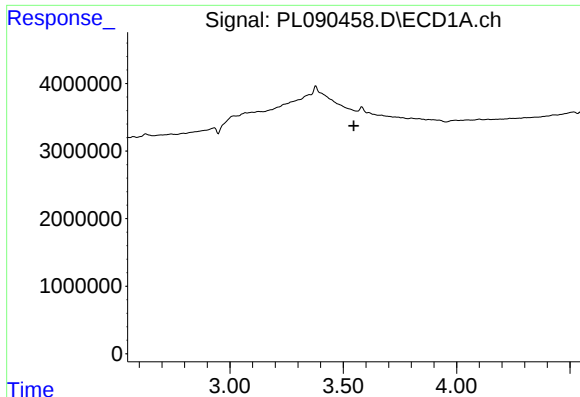
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071024\  
Data File : PL090458.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2024 09:17  
Operator : AR\AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 01:20:39 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062424.M  
Quant Title : GC Extractables  
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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

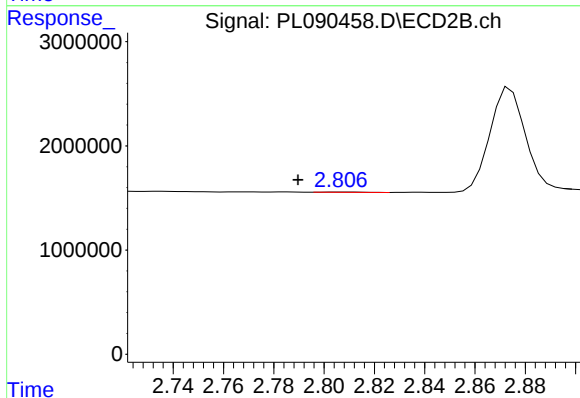




#1 Tetrachloro-m-xylene

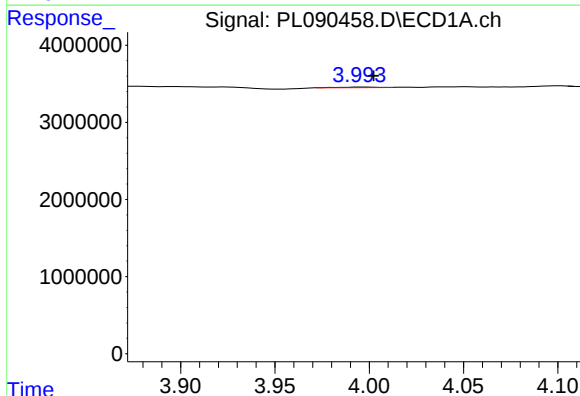
R.T.: 0.000 min  
Exp R.T.: 3.547 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



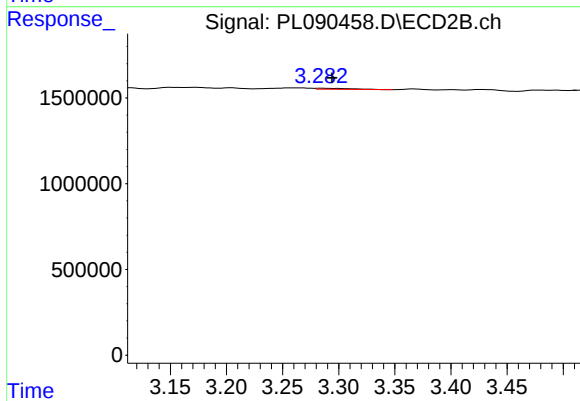
#1 Tetrachloro-m-xylene

R.T.: 2.807 min  
Delta R.T.: 0.017 min  
Response: 23911  
Conc: 0.02 ng/ml



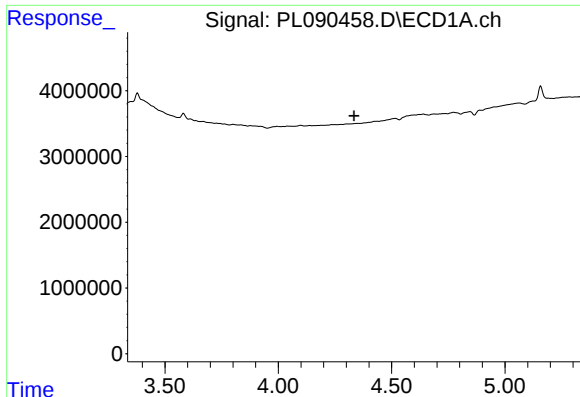
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: -0.007 min  
Response: 107897  
Conc: 0.03 ng/ml



#2 alpha-BHC

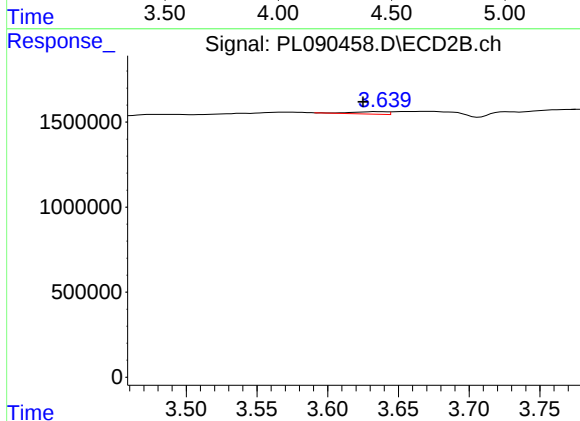
R.T.: 3.284 min  
Delta R.T.: -0.010 min  
Response: 133294  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

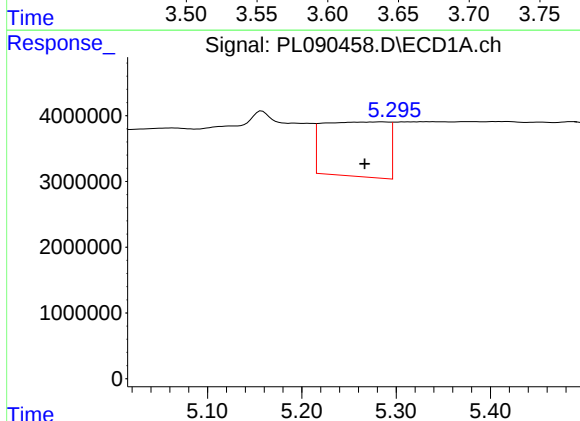
R.T.: 4.348 min  
Delta R.T.: 0.014 min  
Response: -18703  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



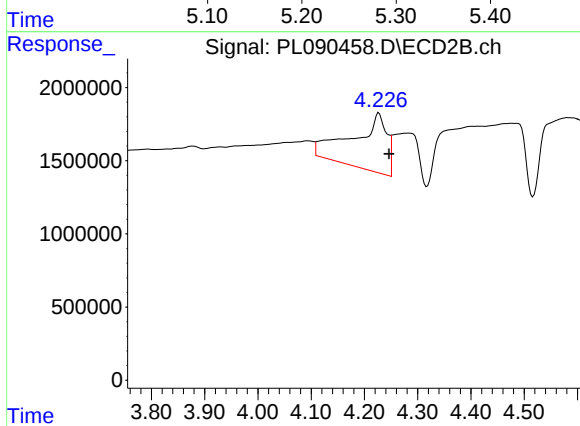
#3 gamma-BHC (Lindane)

R.T.: 3.636 min  
Delta R.T.: 0.011 min  
Response: 250510  
Conc: 0.12 ng/ml



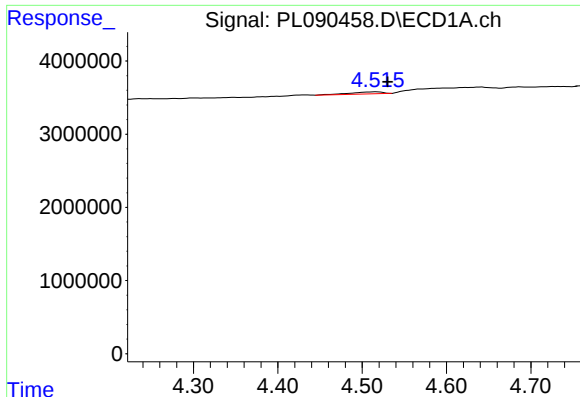
#5 Aldrin

R.T.: 5.285 min  
Delta R.T.: 0.019 min  
Response: 39627808  
Conc: 14.48 ng/ml



#5 Aldrin

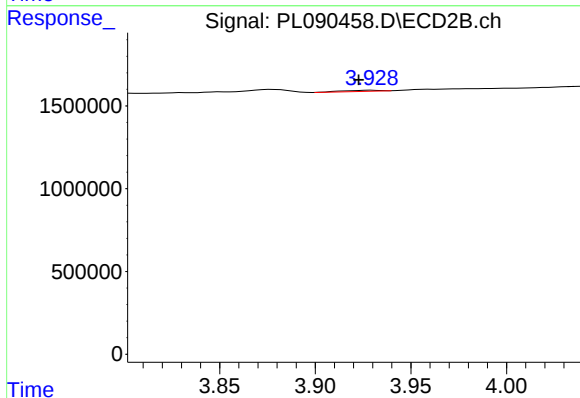
R.T.: 4.227 min  
Delta R.T.: -0.019 min  
Response: 17827694  
Conc: 9.01 ng/ml



#6 beta-BHC

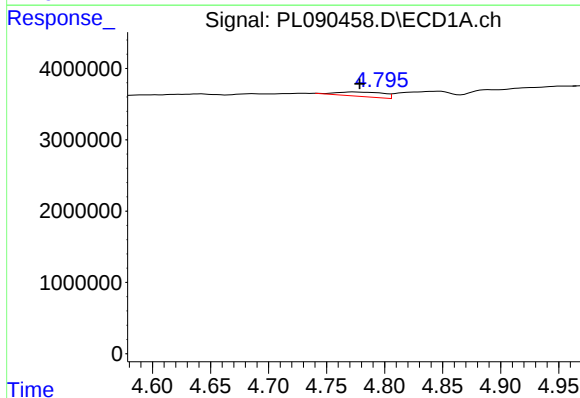
R.T.: 4.517 min  
Delta R.T.: -0.013 min  
Response: 731705  
Conc: 0.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



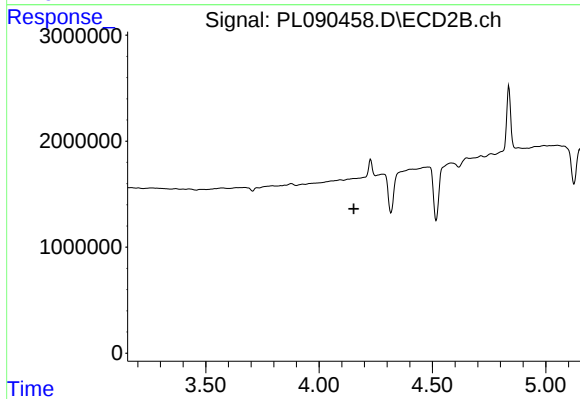
#6 beta-BHC

R.T.: 3.930 min  
Delta R.T.: 0.007 min  
Response: 84625  
Conc: 0.09 ng/ml



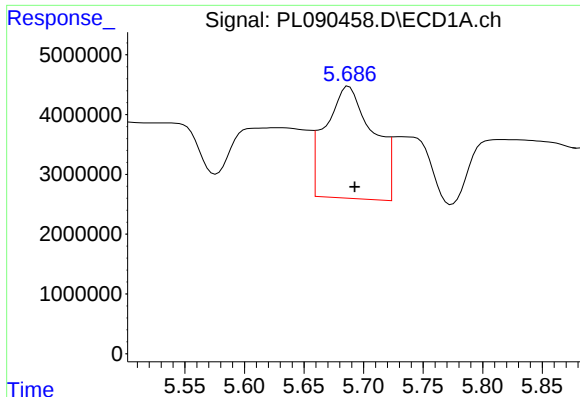
#7 delta-BHC

R.T.: 4.773 min  
Delta R.T.: -0.005 min  
Response: 1742856  
Conc: 0.62 ng/ml



#7 delta-BHC

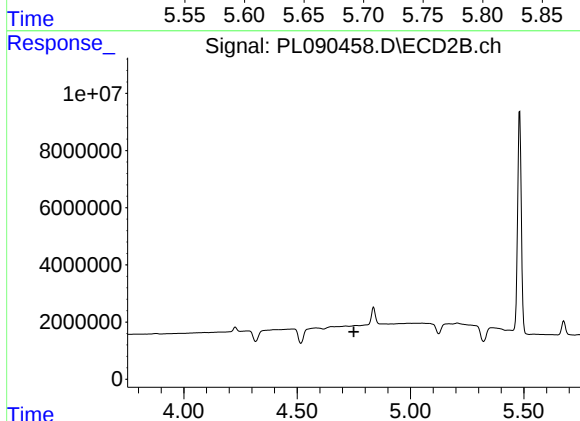
R.T.: 0.000 min  
Exp R.T. : 4.153 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

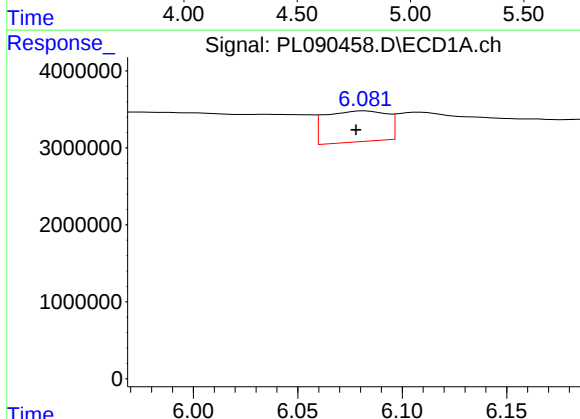
R.T.: 5.688 min  
Delta R.T.: -0.005 min  
Response: 52297528  
Conc: 20.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



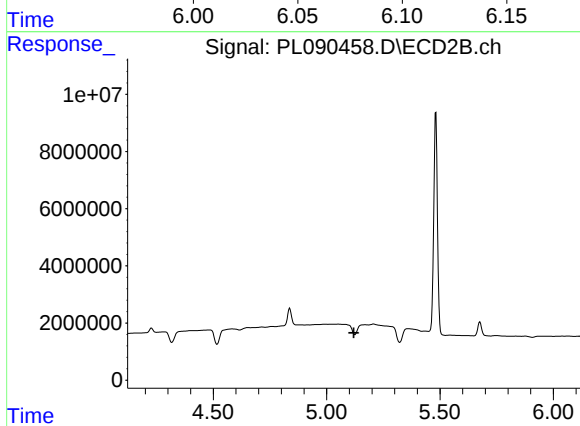
#8 Heptachlor epoxide

R.T.: 4.760 min  
Delta R.T.: 0.011 min  
Response: -44631  
Conc: N.D.



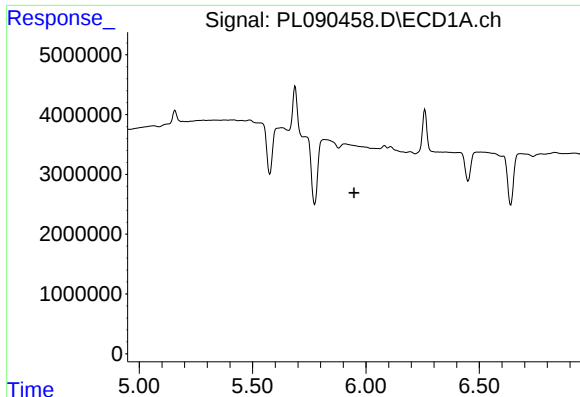
#9 Endosulfan I

R.T.: 6.082 min  
Delta R.T.: 0.004 min  
Response: 8289315  
Conc: 3.52 ng/ml



#9 Endosulfan I

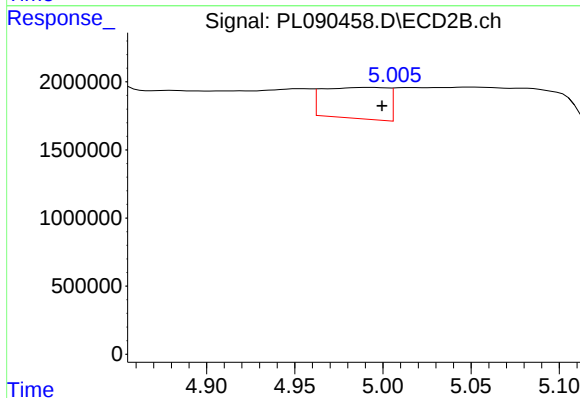
R.T.: 0.000 min  
Exp R.T. : 5.119 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

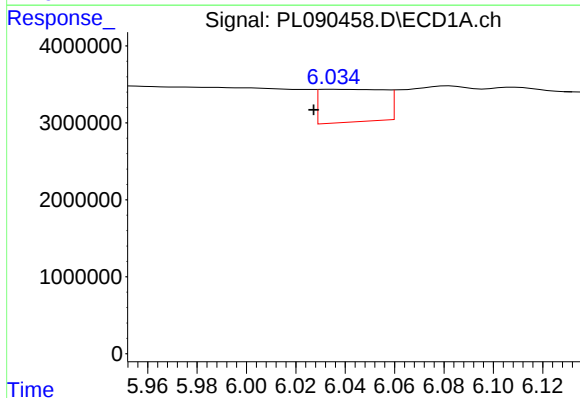
R.T.: 0.000 min  
Exp R.T.: 5.948 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



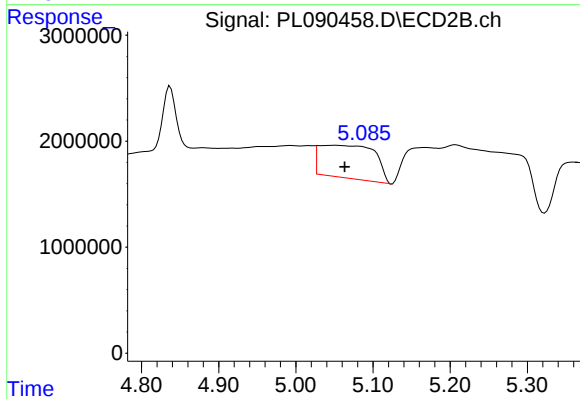
#10 gamma-Chlordane

R.T.: 4.993 min  
Delta R.T.: -0.006 min  
Response: 5822895  
Conc: 3.04 ng/ml



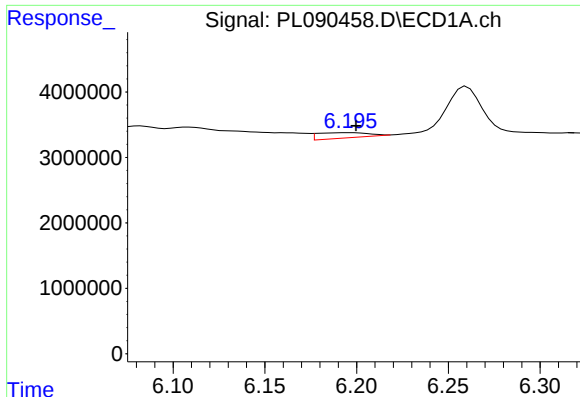
#11 alpha-Chlordane

R.T.: 6.036 min  
Delta R.T.: 0.008 min  
Response: 7762604  
Conc: 3.11 ng/ml



#11 alpha-Chlordane

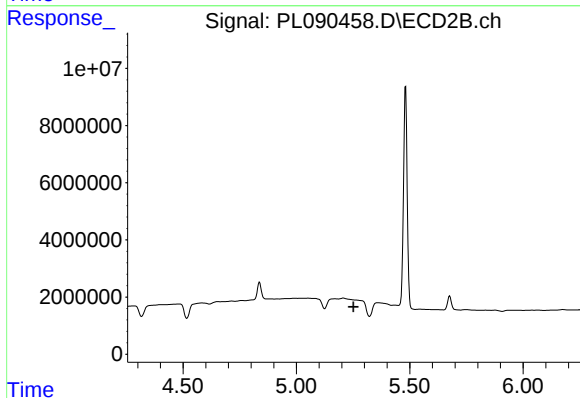
R.T.: 5.051 min  
Delta R.T.: -0.013 min  
Response: 15480772  
Conc: 8.08 ng/ml



#12 4,4'-DDE

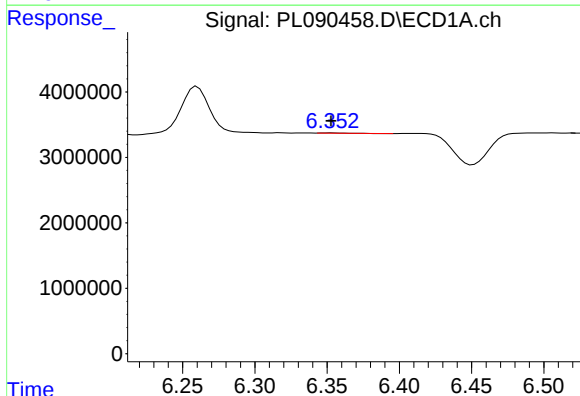
R.T.: 6.197 min  
Delta R.T.: -0.002 min  
Response: 1553172  
Conc: 0.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



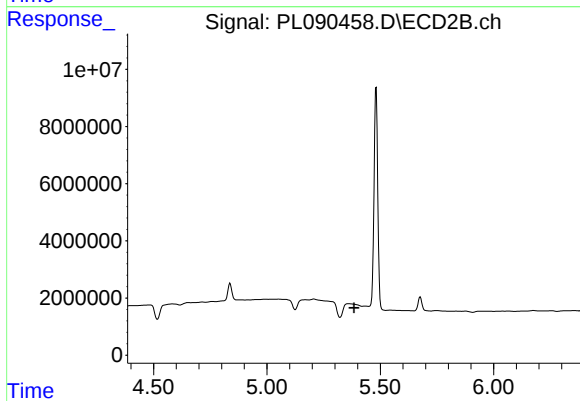
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.252 min  
Response: 0  
Conc: N.D.



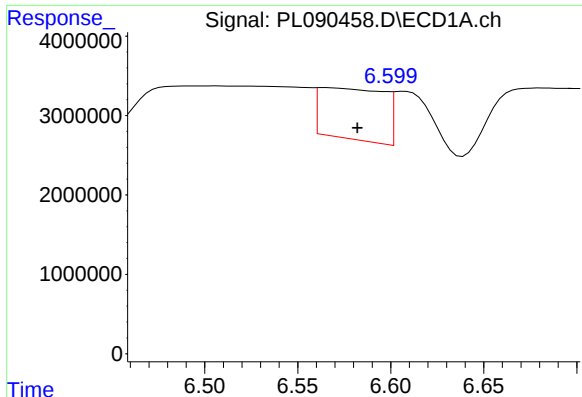
#13 Dieldrin

R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 74511  
Conc: 0.03 ng/ml



#13 Dieldrin

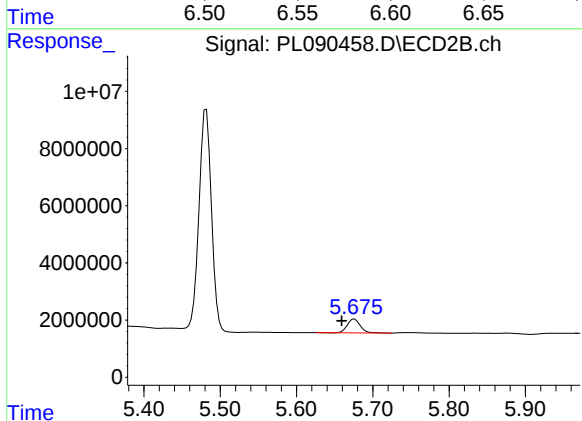
R.T.: 0.000 min  
Exp R.T. : 5.384 min  
Response: 0  
Conc: N.D.



#14 Endrin

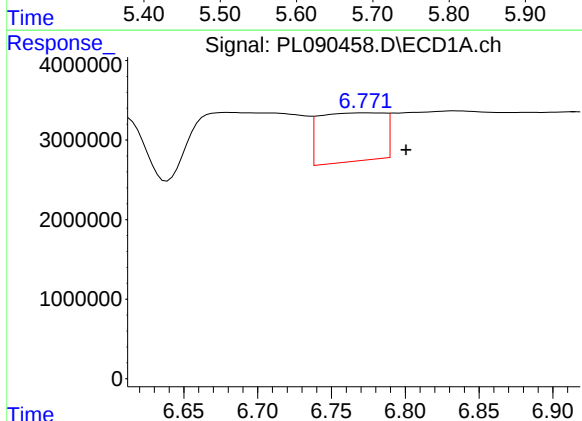
R.T.: 6.565 min  
Delta R.T.: -0.017 min  
Response: 15568802  
Conc: 7.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



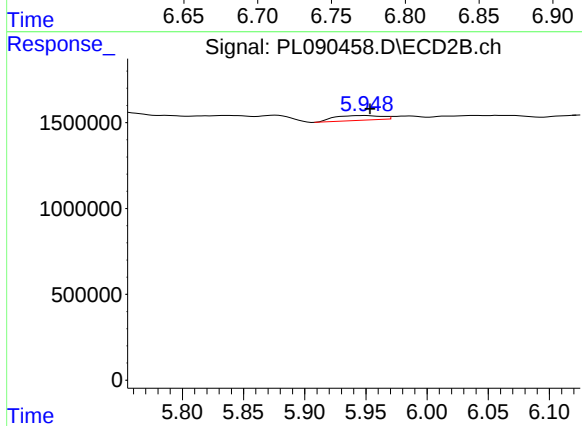
#14 Endrin

R.T.: 5.676 min  
Delta R.T.: 0.017 min  
Response: 5738680  
Conc: 3.47 ng/ml



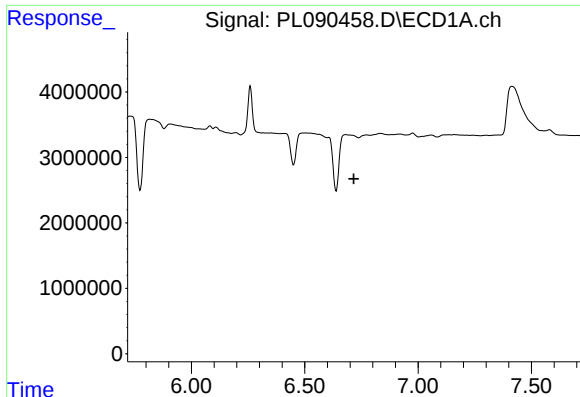
#15 Endosulfan II

R.T.: 6.773 min  
Delta R.T.: -0.028 min  
Response: 18619766  
Conc: 8.42 ng/ml



#15 Endosulfan II

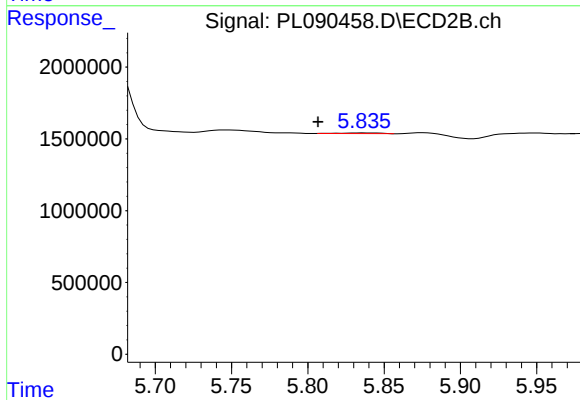
R.T.: 5.949 min  
Delta R.T.: -0.004 min  
Response: 743781  
Conc: 0.45 ng/ml



#16 4,4'-DDD

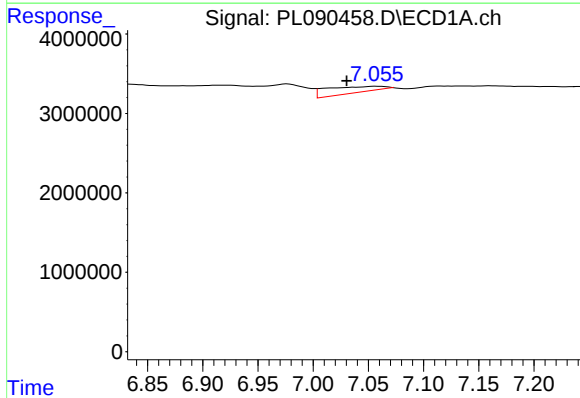
R.T.: 0.000 min  
Exp R.T.: 6.716 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



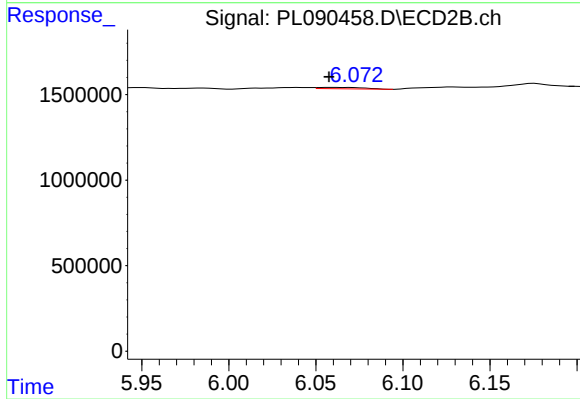
#16 4,4'-DDD

R.T.: 5.837 min  
Delta R.T.: 0.030 min  
Response: 71129  
Conc: 0.05 ng/ml



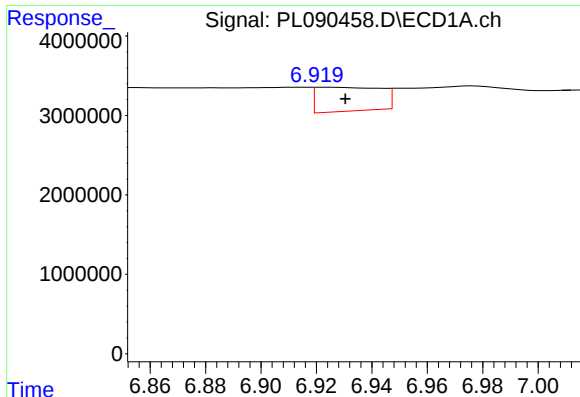
#17 4,4'-DDT

R.T.: 7.057 min  
Delta R.T.: 0.027 min  
Response: 2907734  
Conc: 1.52 ng/ml



#17 4,4'-DDT

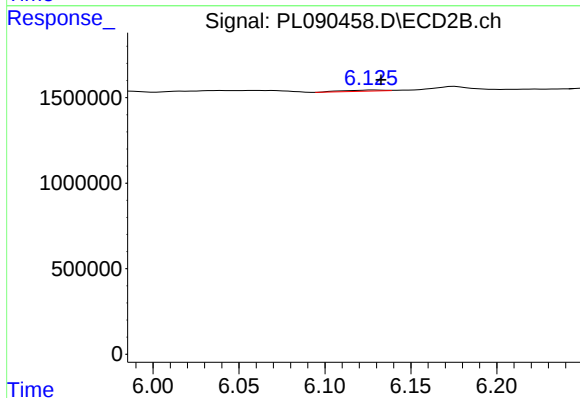
R.T.: 6.060 min  
Delta R.T.: 0.002 min  
Response: 150343  
Conc: 0.10 ng/ml



#18 Endrin aldehyde

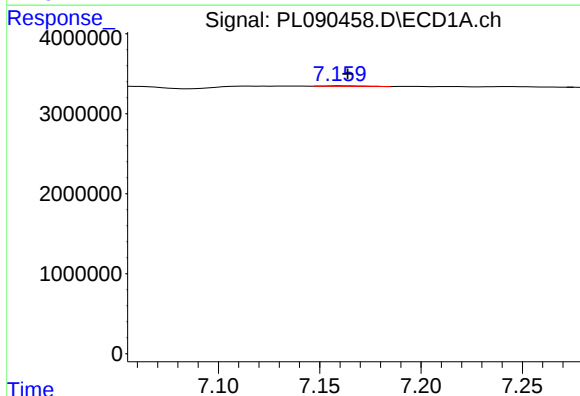
R.T.: 6.924 min  
Delta R.T.: -0.006 min  
Response: 4916194  
Conc: 2.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



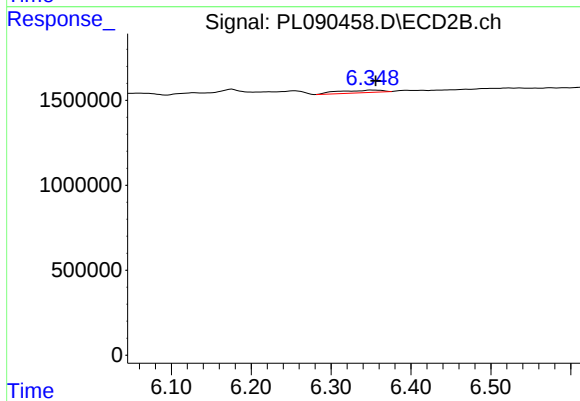
#18 Endrin aldehyde

R.T.: 6.128 min  
Delta R.T.: -0.004 min  
Response: 108179  
Conc: 0.08 ng/ml



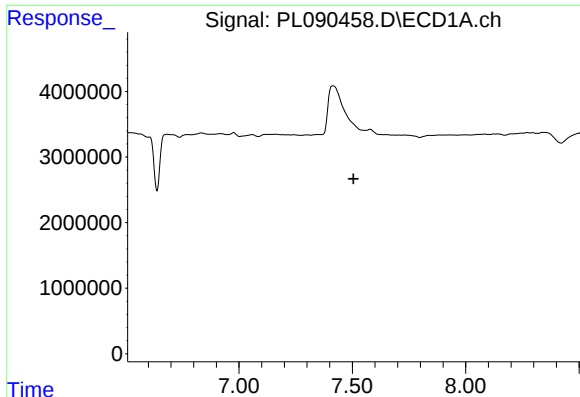
#19 Endosulfan Sulfate

R.T.: 7.160 min  
Delta R.T.: -0.004 min  
Response: 95960  
Conc: 0.05 ng/ml



#19 Endosulfan Sulfate

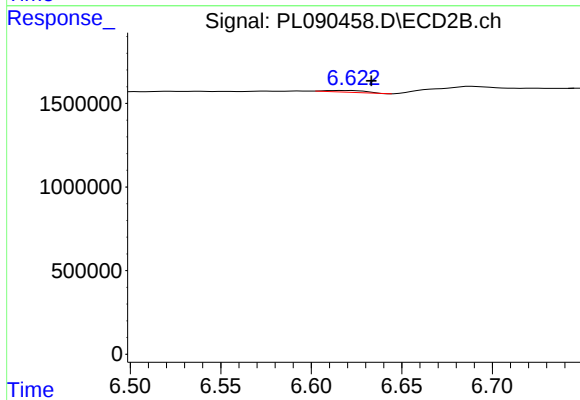
R.T.: 6.351 min  
Delta R.T.: -0.005 min  
Response: 558465  
Conc: 0.36 ng/ml



#20 Methoxychlor

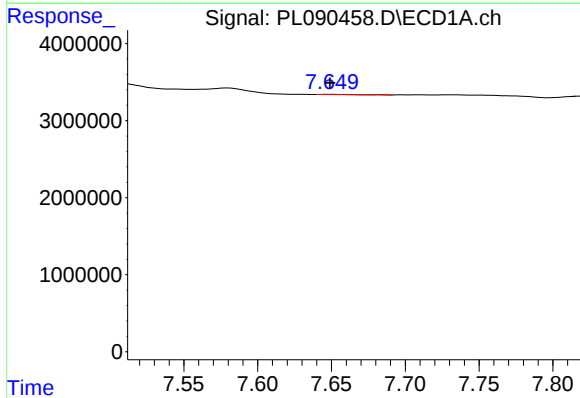
R.T.: 0.000 min  
Exp R.T.: 7.505 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



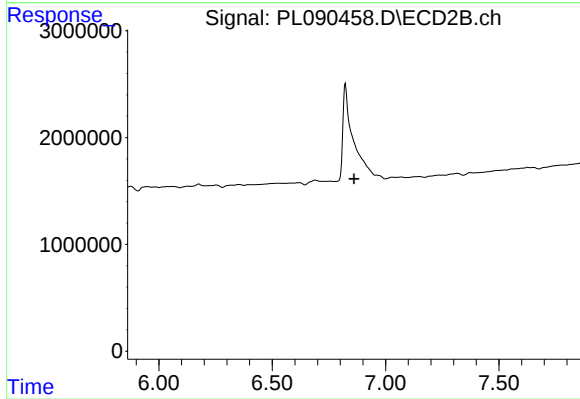
#20 Methoxychlor

R.T.: 6.620 min  
Delta R.T.: -0.013 min  
Response: 156448  
Conc: 0.19 ng/ml



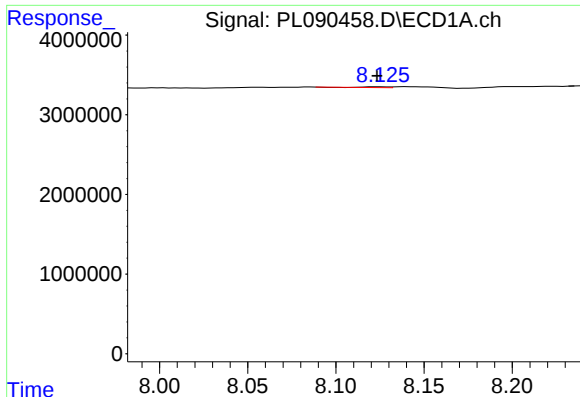
#21 Endrin ketone

R.T.: 7.649 min  
Delta R.T.: 0.000 min  
Response: 31006  
Conc: 0.01 ng/ml



#21 Endrin ketone

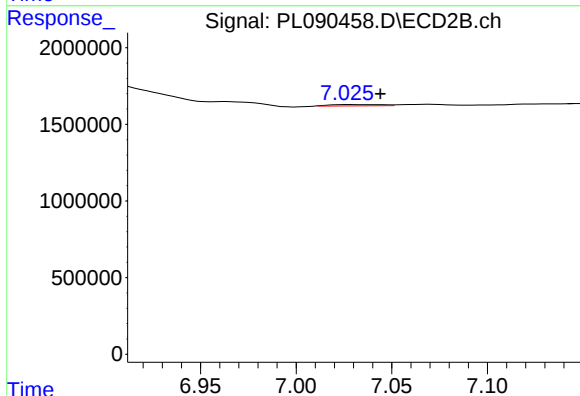
R.T.: 0.000 min  
Exp R.T.: 6.861 min  
Response: 0  
Conc: N.D.



#22 Mirex

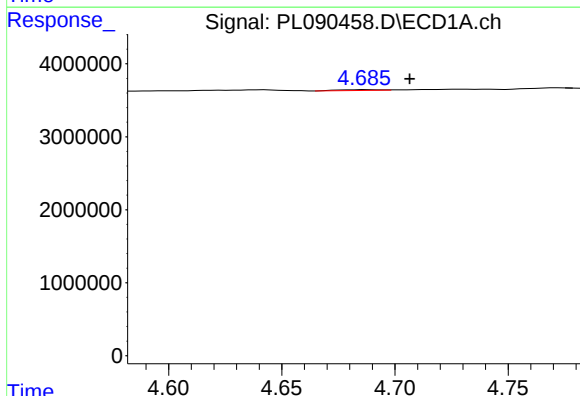
R.T.: 8.125 min  
Delta R.T.: 0.001 min  
Response: 110689  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



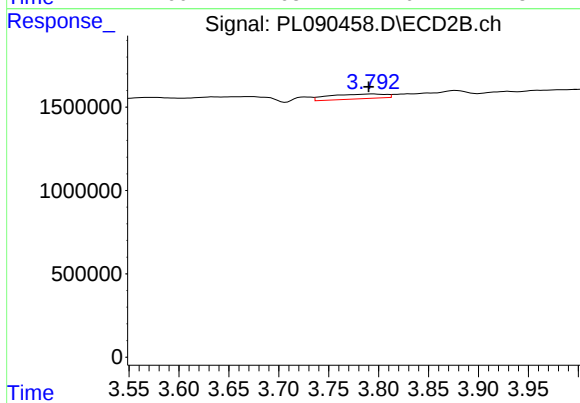
#22 Mirex

R.T.: 7.028 min  
Delta R.T.: -0.016 min  
Response: 150459  
Conc: 0.10 ng/ml



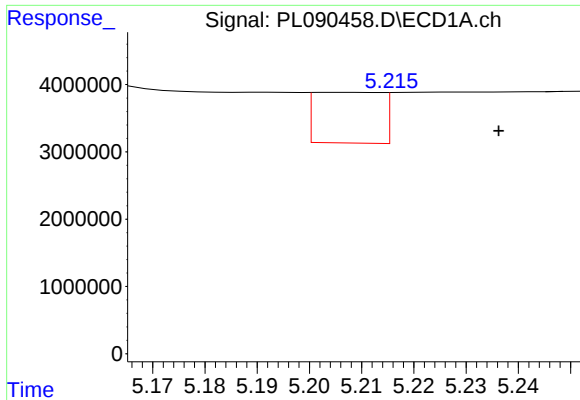
#23 Chlordane-1

R.T.: 4.687 min  
Delta R.T.: -0.020 min  
Response: 142058  
Conc: 1.45 ng/ml



#23 Chlordane-1

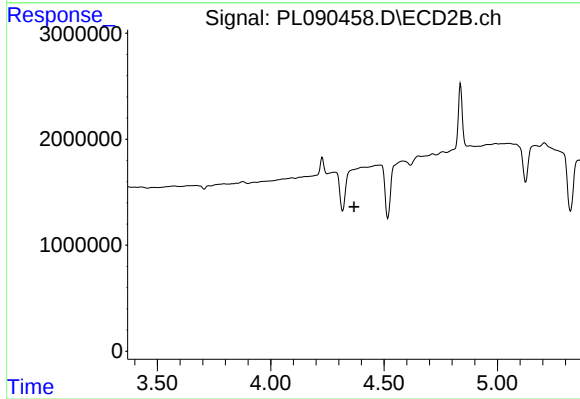
R.T.: 3.794 min  
Delta R.T.: 0.004 min  
Response: 1128220  
Conc: 18.53 ng/ml



#24 Chlordane-2

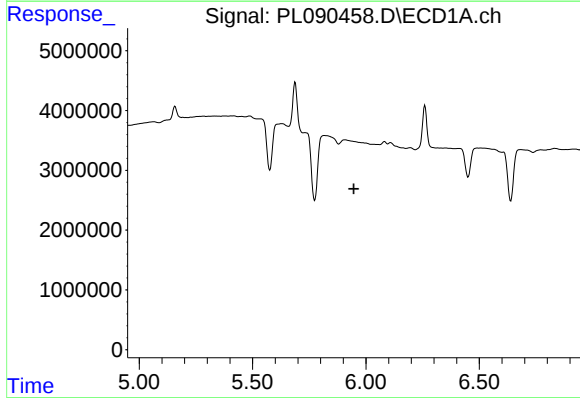
R.T.: 5.206 min  
Delta R.T.: -0.030 min  
Response: 6766098  
Conc: 57.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



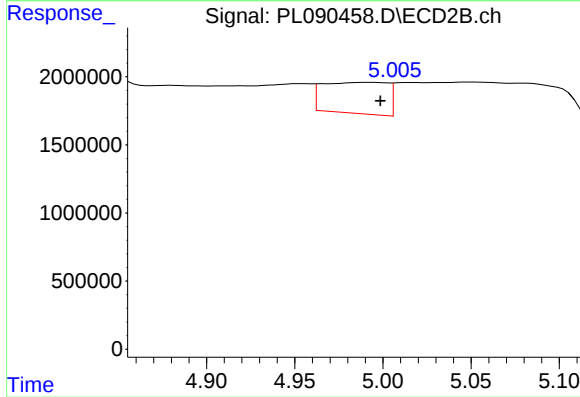
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.368 min  
Response: 0  
Conc: N.D.



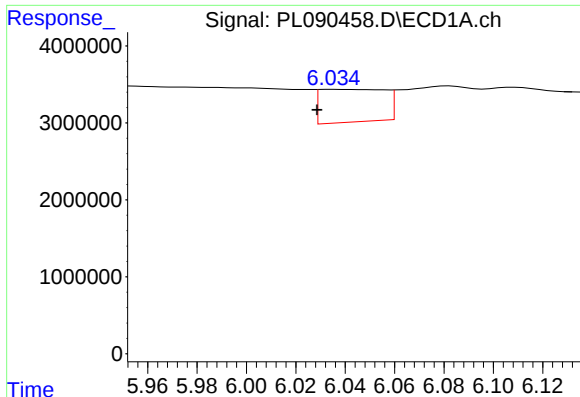
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.947 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

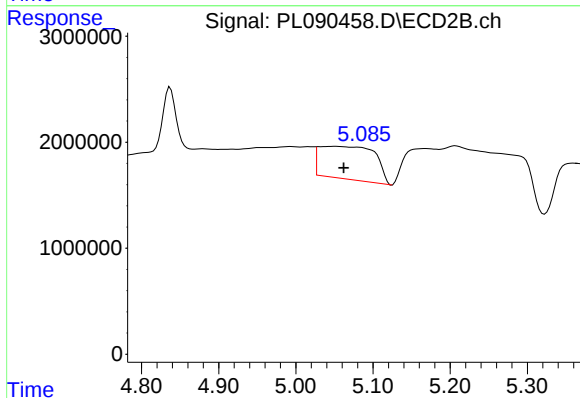
R.T.: 4.993 min  
Delta R.T.: -0.005 min  
Response: 5822895  
Conc: 28.84 ng/ml



#26 Chlordane-4

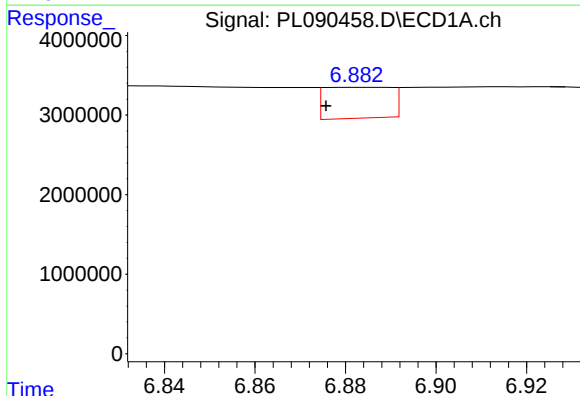
R.T.: 6.036 min  
Delta R.T.: 0.007 min  
Response: 7762604  
Conc: 17.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



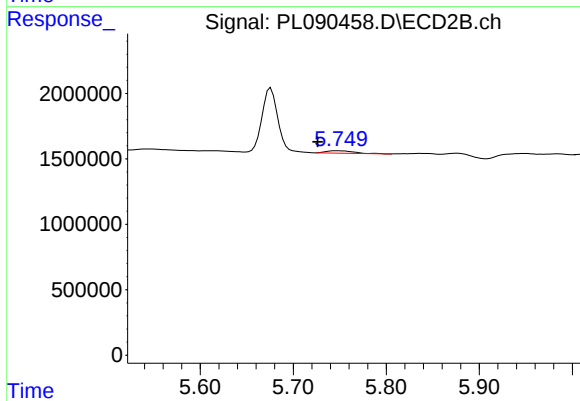
#26 Chlordane-4

R.T.: 5.051 min  
Delta R.T.: -0.011 min  
Response: 15480772  
Conc: 81.09 ng/ml



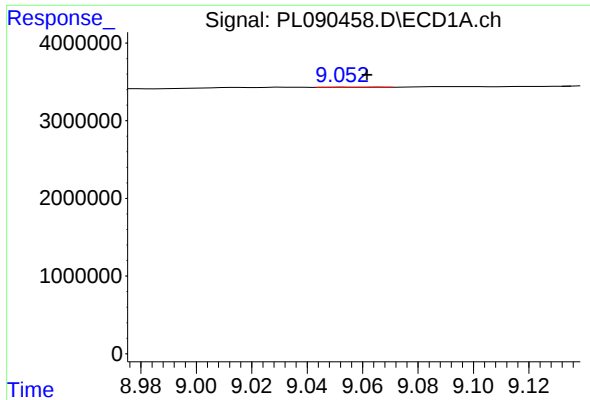
#27 Chlordane-5

R.T.: 6.884 min  
Delta R.T.: 0.008 min  
Response: 4015887  
Conc: 44.59 ng/ml



#27 Chlordane-5

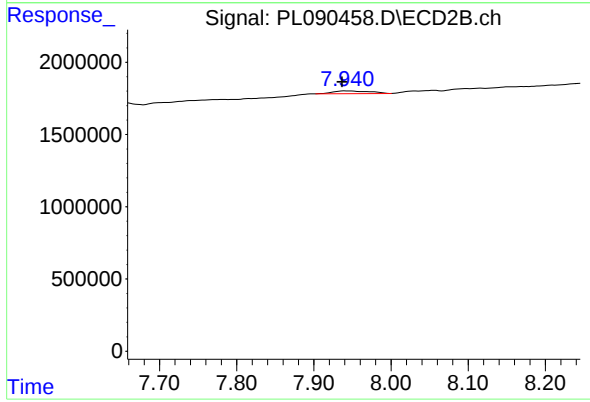
R.T.: 5.747 min  
Delta R.T.: 0.020 min  
Response: 393427  
Conc: 6.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min  
Delta R.T.: -0.008 min  
Response: 20639  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



#28 Decachlorobiphenyl

R.T.: 7.943 min  
Delta R.T.: 0.006 min  
Response: 633797  
Conc: 0.42 ng/ml