

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071423\  
 Data File : PL083907.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jul 2023 12:30  
 Operator : AR\AJ  
 Sample : 03581-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 15:08:17 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 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... | 3.475  | 2.688  | 20147055 | 10225591 | 10.074 | 9.207   |
| 28)                         | SA Decachlor... | 9.022  | 7.870  | 17833607 | 15246369 | 13.701 | 13.722  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.907f | 3.178  | 346225   | 62112    | 0.118  | 0.039 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.510  | 0        | 34904    | N.D.   | 0.023 # |
| 4)                          | MA Heptachlor   | 4.854  | 3.868  | 362421   | 55815    | 0.133  | 0.047 # |
| 5)                          | MB Aldrin       | 5.170f | 4.131  | 443985   | 148271   | 0.155  | 0.098 # |
| 7)                          | B delta-BHC     | 4.711  | 4.059  | 718603   | 102871   | 0.270  | 0.068 # |
| 8)                          | B Heptachlo...  | 5.628  | 4.647  | 1404507  | 210022   | 0.526  | 0.164 # |
| 10)                         | B gamma-Chl...  | 5.889  | 4.903  | 5464458  | 1621497  | 2.116  | 1.217 # |
| 11)                         | B alpha-Chl...  | 5.973  | 4.966  | 9214882  | 1769451  | 3.625  | 1.313 # |
| 12)                         | B 4,4'-DDE      | 6.146  | 5.167  | 22948270 | 12451936 | 11.406 | 10.137  |
| 13)                         | MA Dieldrin     | 6.296  | 5.297  | 288987   | 1152518  | 0.121  | 0.885 # |
| 14)                         | MA Endrin       | 6.526  | 5.584f | 476142   | 5234913  | 0.250  | 4.762 # |
| 15)                         | B Endosulfa...  | 6.746  | 5.862  | 700996   | 1282891  | 0.374  | 1.116 # |
| 16)                         | A 4,4'-DDD      | 6.671  | 5.725  | 8266843  | 2129325  | 5.629  | 2.220 # |
| 17)                         | MA 4,4'-DDT     | 6.980  | 5.977  | 65445960 | 40018044 | 41.037 | 43.938  |
| 18)                         | B Endrin al...  | 0.000  | 6.018f | 0        | 1876401  | N.D.   | 2.087 # |
| 19)                         | B Endosulfa...  | 7.095  | 6.274  | 1331594  | 1699000  | 0.770  | 1.546 # |
| 20)                         | A Methoxychlor  | 7.469  | 0.000  | 142419   | 0        | 0.182  | N.D. #  |
| 21)                         | B Endrin ke...  | 7.577  | 0.000  | 4064201  | 0        | 2.319  | N.D. #  |
| 22)                         | Mirex           | 0.000  | 6.968  | 0        | 106457   | N.D.   | 0.104 # |
| 23)                         | Chlordane-1     | 0.000  | 3.692  | 0        | 232748   | N.D.   | 0.590 # |
| 24)                         | Chlordane-2     | 5.170  | 4.276  | 443985   | 337156   | 0.556  | 0.795 # |
| 25)                         | Chlordane-3     | 5.889  | 4.903  | 5464458  | 1621497  | 1.557  | 1.183   |
| 26)                         | Chlordane-4     | 5.973  | 4.966  | 9214882  | 1769451  | 2.257  | 1.235 # |
| 27)                         | Chlordane-5     | 6.797f | 5.862  | 2320587  | 1282891  | 3.800  | 2.796 # |
| -----                       |                 |        |        |          |          |        |         |

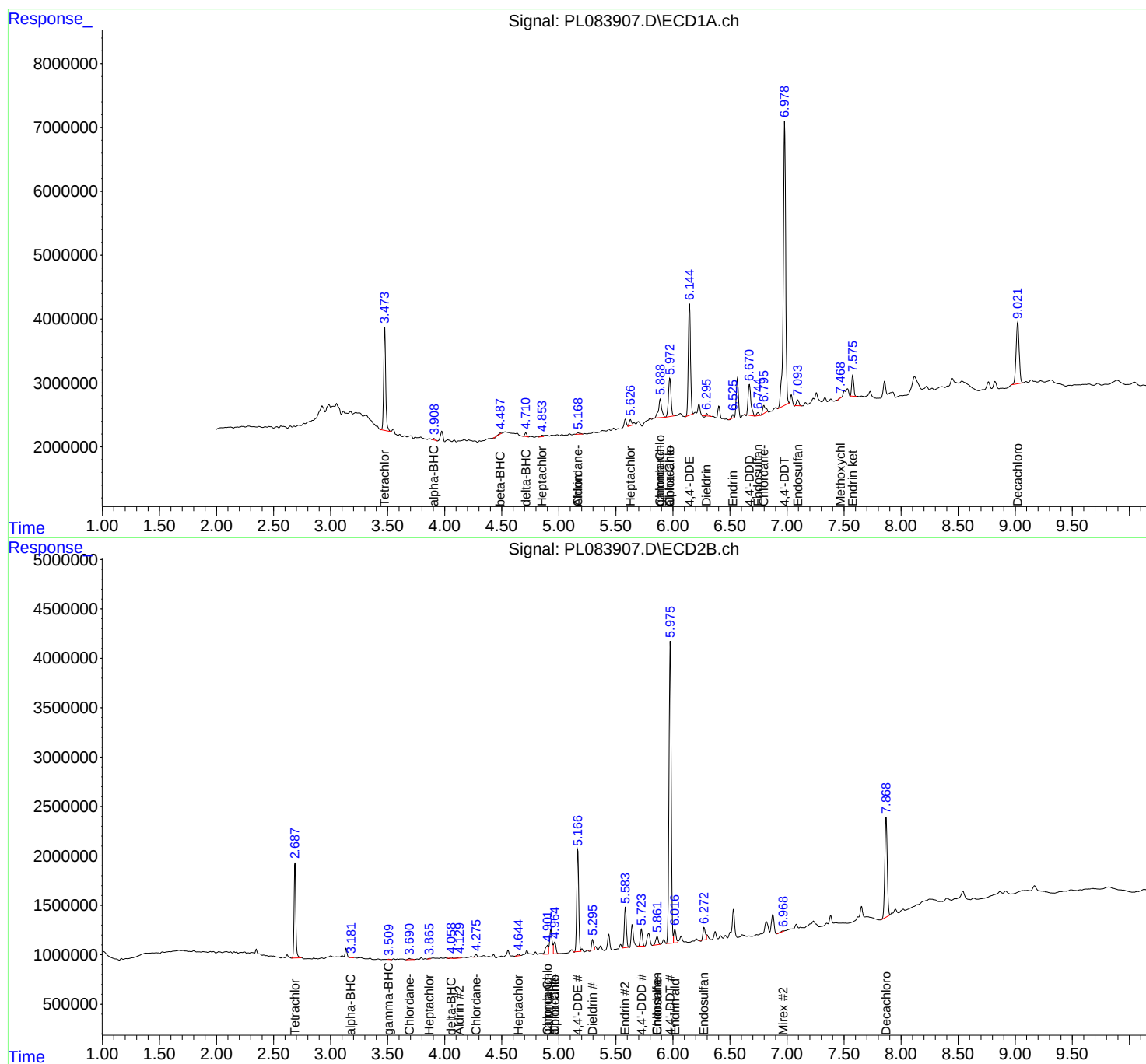
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

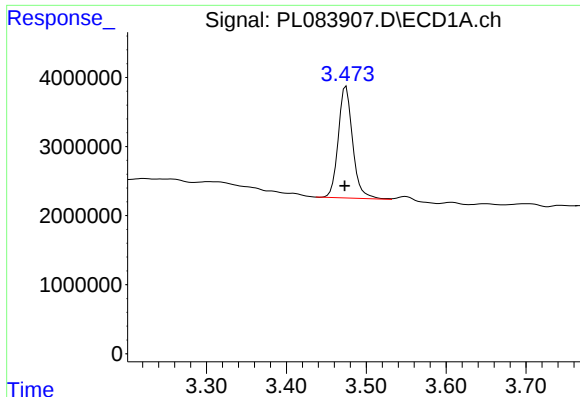
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071423\  
Data File : PL083907.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Jul 2023 12:30  
Operator : AR\AJ  
Sample : 03581-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 16 15:08:17 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 00:03:54 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

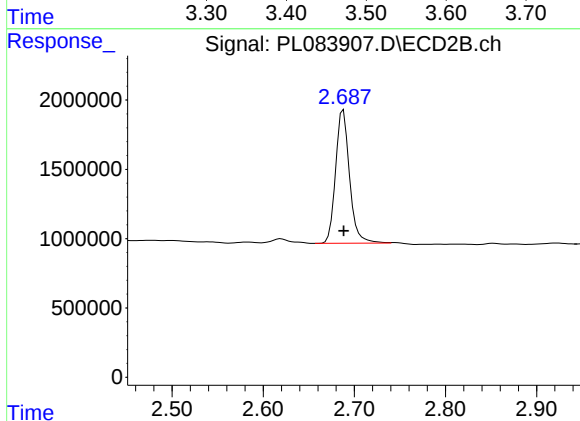




#1 Tetrachloro-m-xylene

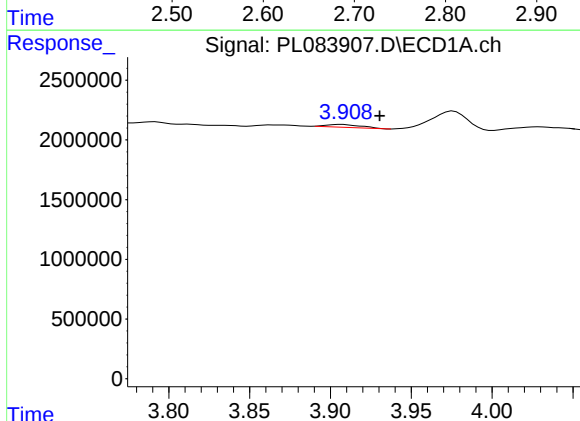
R.T.: 3.475 min  
Delta R.T.: 0.002 min  
Response: 20147055  
Conc: 10.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



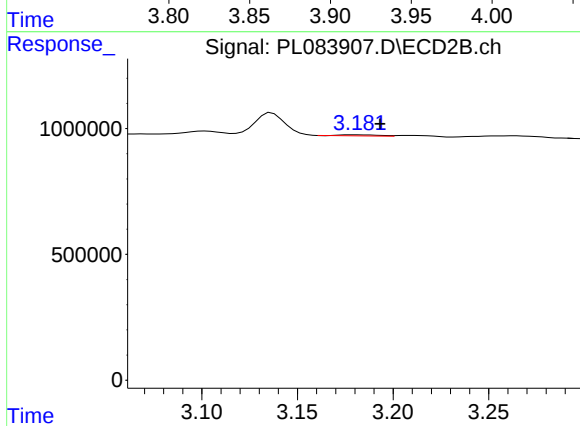
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 10225591  
Conc: 9.21 ng/ml



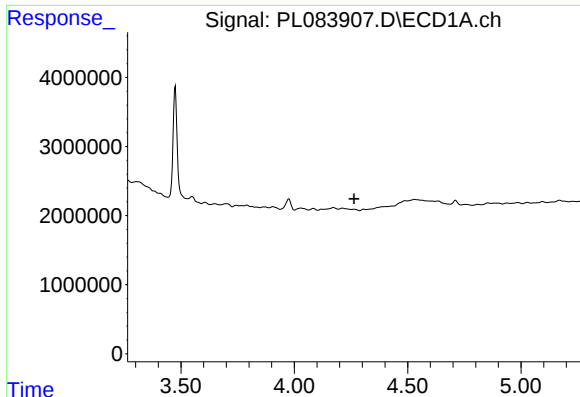
#2 alpha-BHC

R.T.: 3.907 min  
Delta R.T.: -0.024 min  
Response: 346225  
Conc: 0.12 ng/ml



#2 alpha-BHC

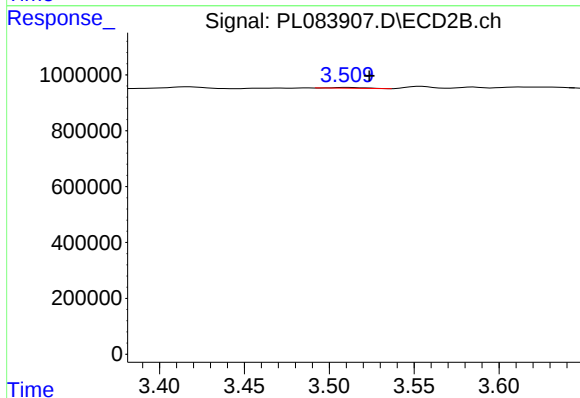
R.T.: 3.178 min  
Delta R.T.: -0.015 min  
Response: 62112  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

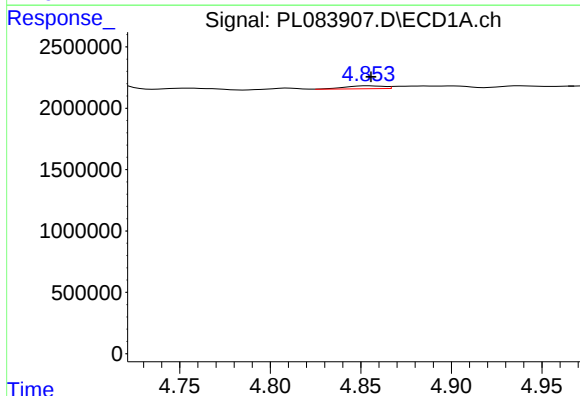
R.T.: 0.000 min  
Exp R.T.: 4.264 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



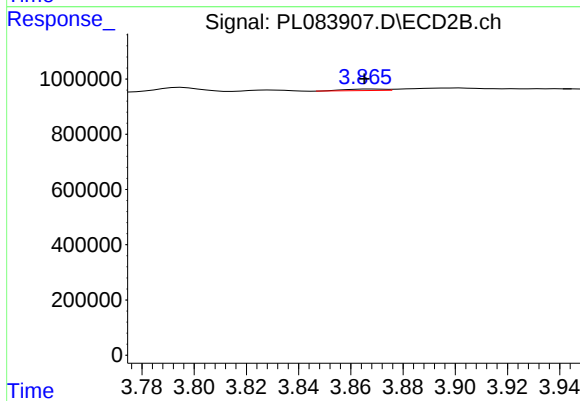
#3 gamma-BHC (Lindane)

R.T.: 3.510 min  
Delta R.T.: -0.013 min  
Response: 34904  
Conc: 0.02 ng/ml



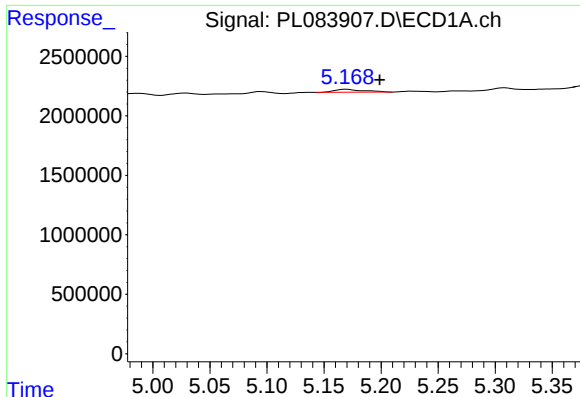
#4 Heptachlor

R.T.: 4.854 min  
Delta R.T.: -0.002 min  
Response: 362421  
Conc: 0.13 ng/ml



#4 Heptachlor

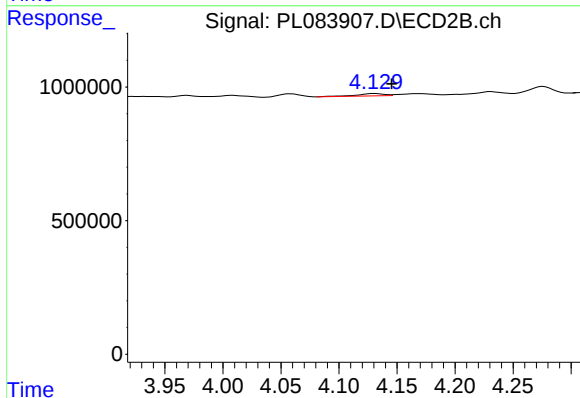
R.T.: 3.868 min  
Delta R.T.: 0.002 min  
Response: 55815  
Conc: 0.05 ng/ml



#5 Aldrin

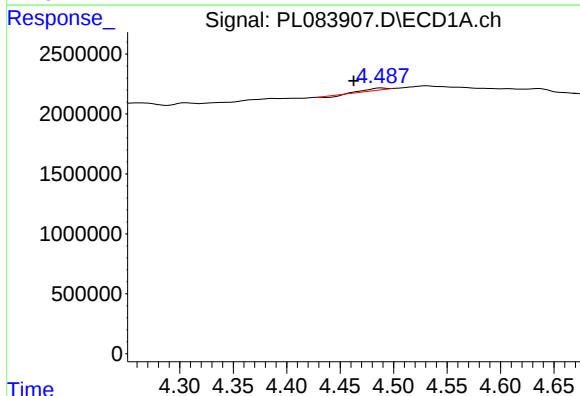
R.T.: 5.170 min  
Delta R.T.: -0.029 min  
Response: 443985  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



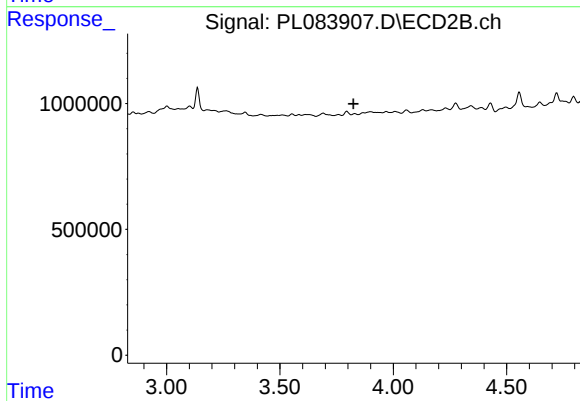
#5 Aldrin

R.T.: 4.131 min  
Delta R.T.: -0.015 min  
Response: 148271  
Conc: 0.10 ng/ml



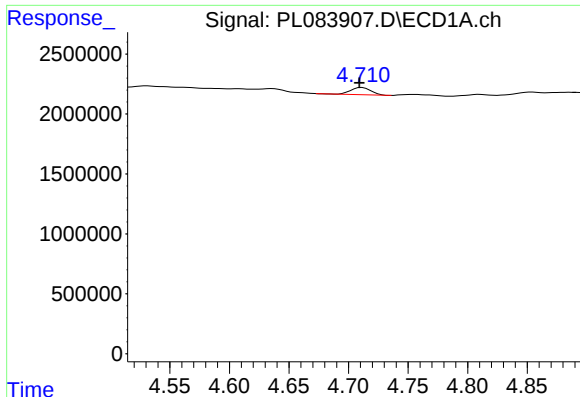
#6 beta-BHC

R.T.: 4.489 min  
Delta R.T.: 0.026 min  
Response: 86308  
Conc: 0.07 ng/ml



#6 beta-BHC

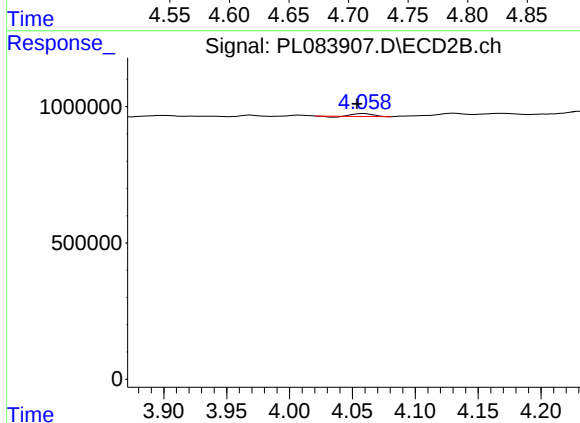
R.T.: 3.830 min  
Delta R.T.: 0.005 min  
Response: -72282  
Conc: N.D.



#7 delta-BHC

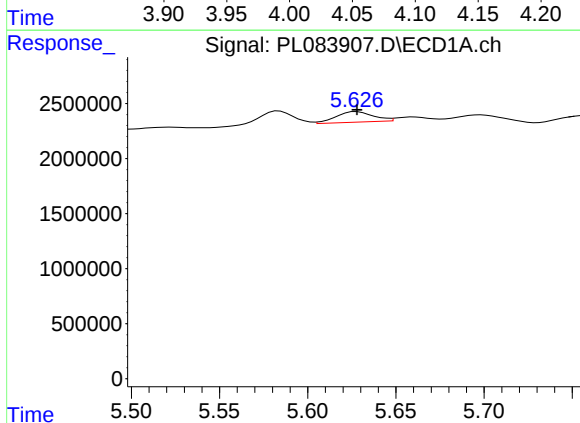
R.T.: 4.711 min  
Delta R.T.: 0.002 min  
Response: 718603  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



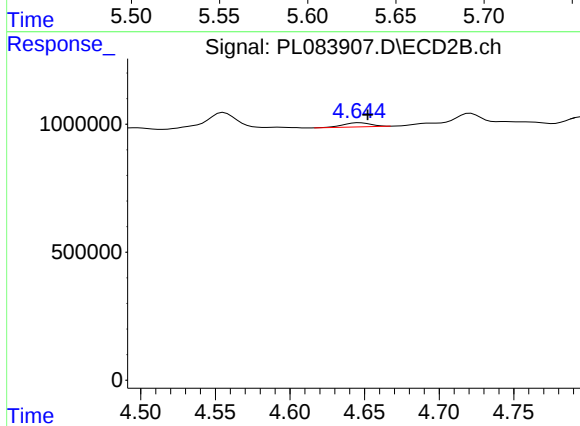
#7 delta-BHC

R.T.: 4.059 min  
Delta R.T.: 0.005 min  
Response: 102871  
Conc: 0.07 ng/ml



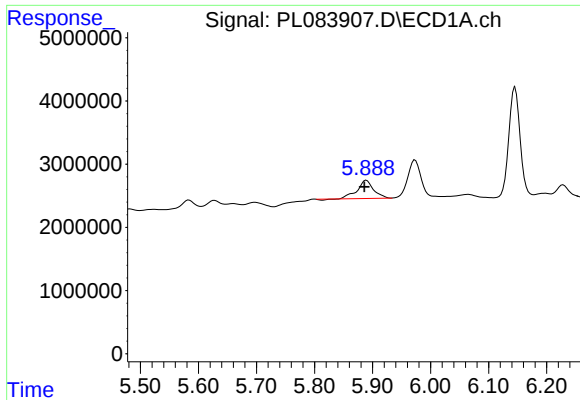
#8 Heptachlor epoxide

R.T.: 5.628 min  
Delta R.T.: 0.000 min  
Response: 1404507  
Conc: 0.53 ng/ml



#8 Heptachlor epoxide

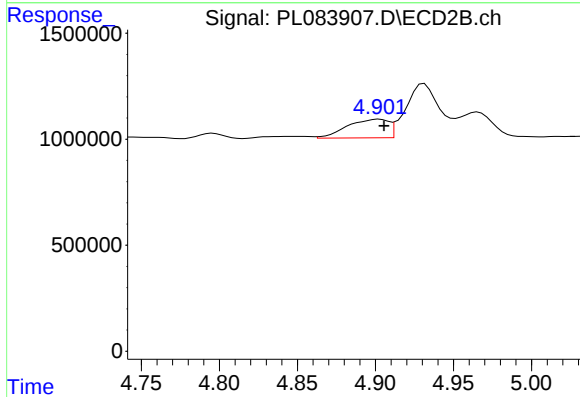
R.T.: 4.647 min  
Delta R.T.: -0.005 min  
Response: 210022  
Conc: 0.16 ng/ml



#10 gamma-Chlordane

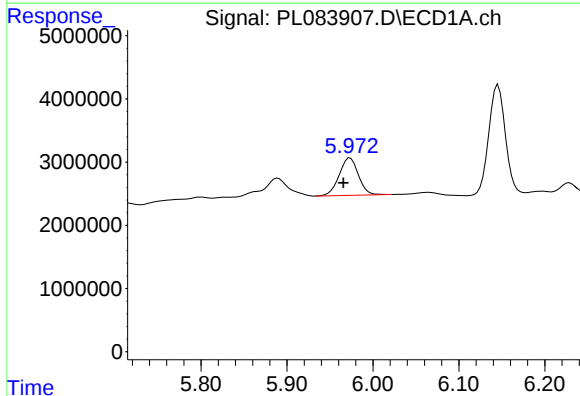
R.T.: 5.889 min  
Delta R.T.: 0.004 min  
Response: 5464458  
Conc: 2.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



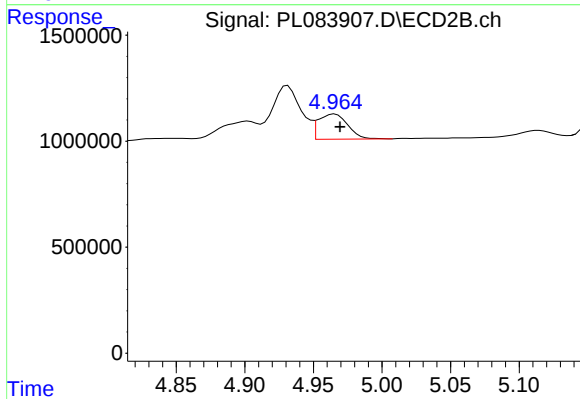
#10 gamma-Chlordane

R.T.: 4.903 min  
Delta R.T.: -0.003 min  
Response: 1621497  
Conc: 1.22 ng/ml



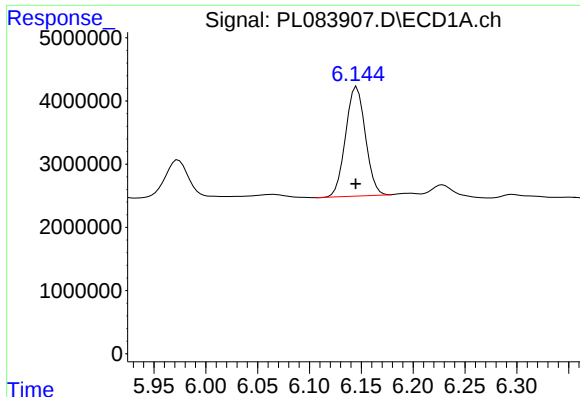
#11 alpha-Chlordane

R.T.: 5.973 min  
Delta R.T.: 0.008 min  
Response: 9214882  
Conc: 3.62 ng/ml



#11 alpha-Chlordane

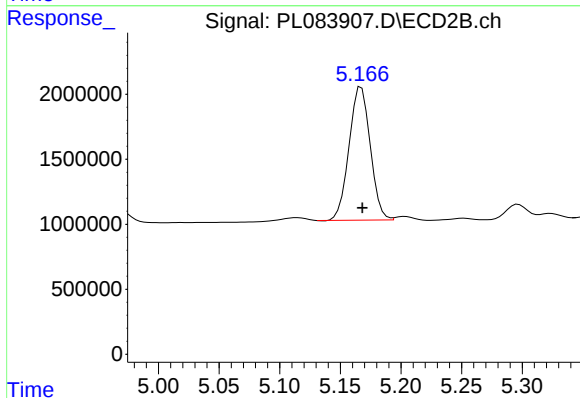
R.T.: 4.966 min  
Delta R.T.: -0.004 min  
Response: 1769451  
Conc: 1.31 ng/ml



#12 4,4'-DDE

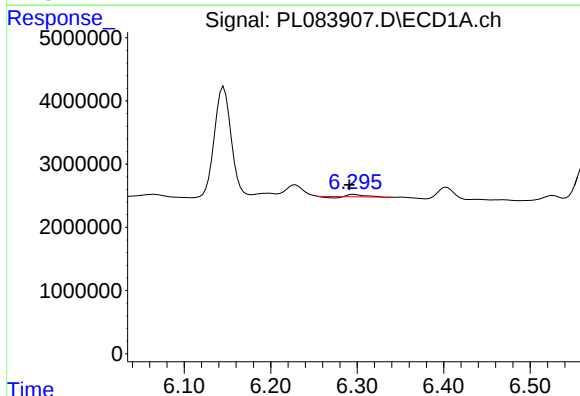
R.T.: 6.146 min  
Delta R.T.: 0.001 min  
Response: 22948270  
Conc: 11.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



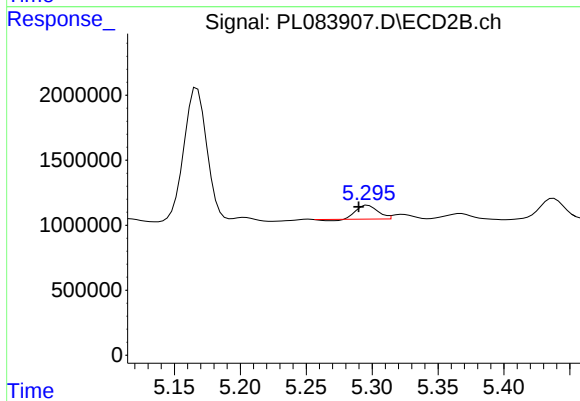
#12 4,4'-DDE

R.T.: 5.167 min  
Delta R.T.: 0.000 min  
Response: 12451936  
Conc: 10.14 ng/ml



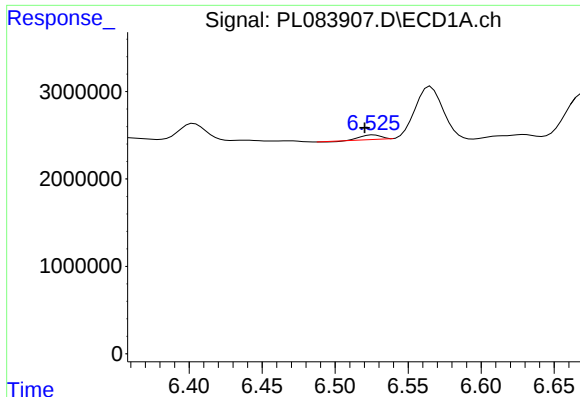
#13 Dieldrin

R.T.: 6.296 min  
Delta R.T.: 0.005 min  
Response: 288987  
Conc: 0.12 ng/ml



#13 Dieldrin

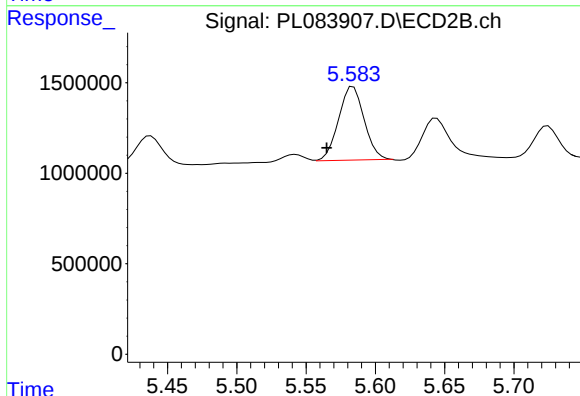
R.T.: 5.297 min  
Delta R.T.: 0.007 min  
Response: 1152518  
Conc: 0.88 ng/ml



#14 Endrin

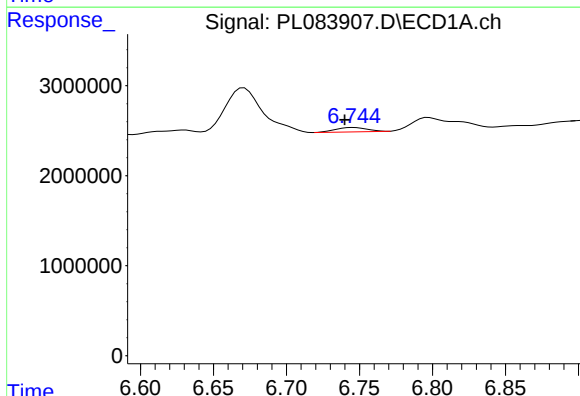
R.T.: 6.526 min  
Delta R.T.: 0.006 min  
Response: 476142  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



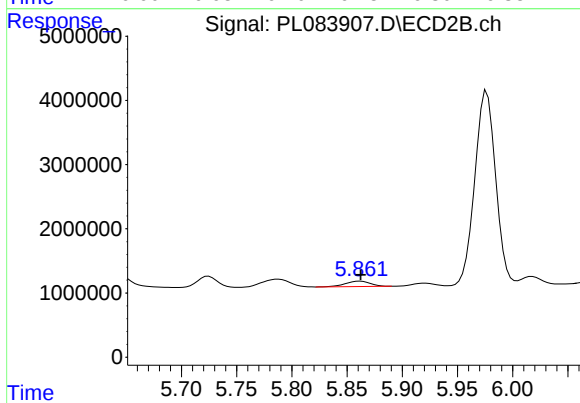
#14 Endrin

R.T.: 5.584 min  
Delta R.T.: 0.019 min  
Response: 5234913  
Conc: 4.76 ng/ml



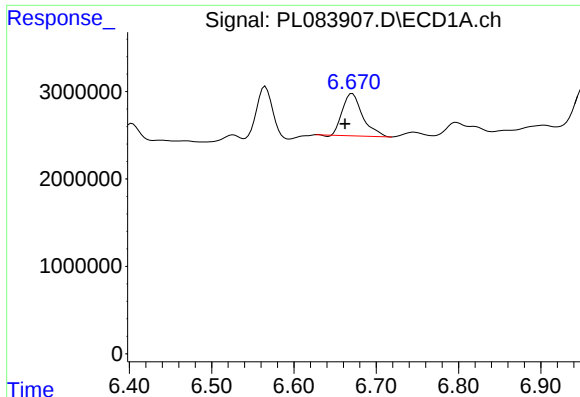
#15 Endosulfan II

R.T.: 6.746 min  
Delta R.T.: 0.006 min  
Response: 700996  
Conc: 0.37 ng/ml



#15 Endosulfan II

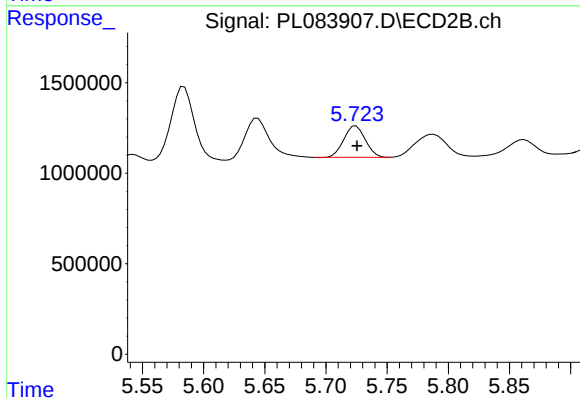
R.T.: 5.862 min  
Delta R.T.: 0.000 min  
Response: 1282891  
Conc: 1.12 ng/ml



#16 4,4'-DDD

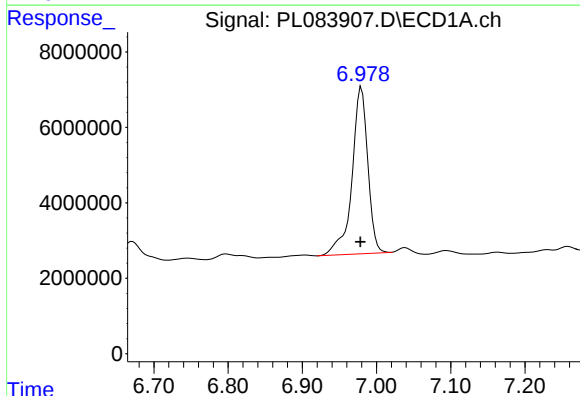
R.T.: 6.671 min  
Delta R.T.: 0.009 min  
Response: 8266843  
Conc: 5.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



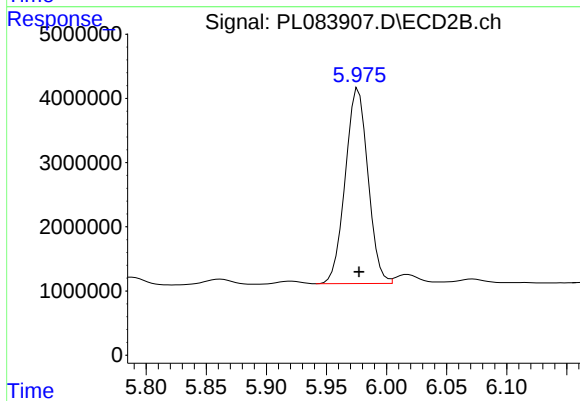
#16 4,4'-DDD

R.T.: 5.725 min  
Delta R.T.: 0.000 min  
Response: 2129325  
Conc: 2.22 ng/ml



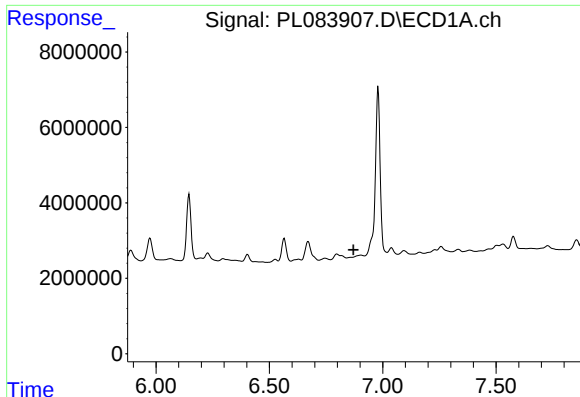
#17 4,4'-DDT

R.T.: 6.980 min  
Delta R.T.: 0.001 min  
Response: 65445960  
Conc: 41.04 ng/ml



#17 4,4'-DDT

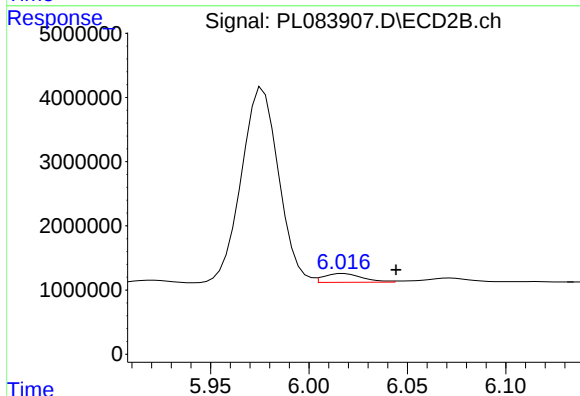
R.T.: 5.977 min  
Delta R.T.: 0.000 min  
Response: 40018044  
Conc: 43.94 ng/ml



#18 Endrin aldehyde

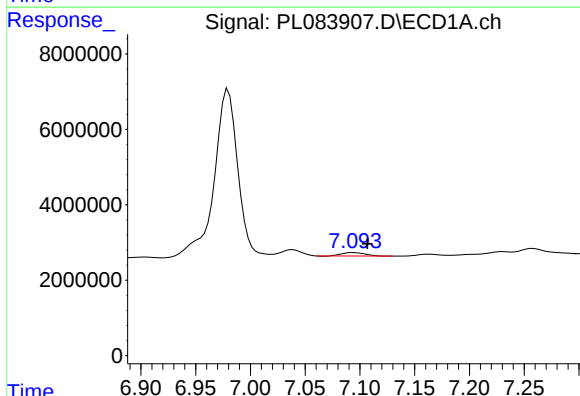
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



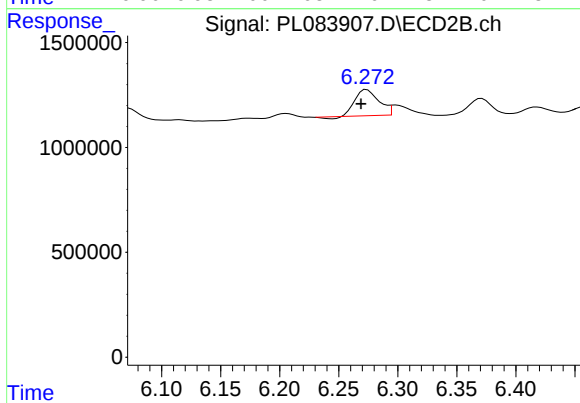
#18 Endrin aldehyde

R.T.: 6.018 min  
Delta R.T.: -0.027 min  
Response: 1876401  
Conc: 2.09 ng/ml



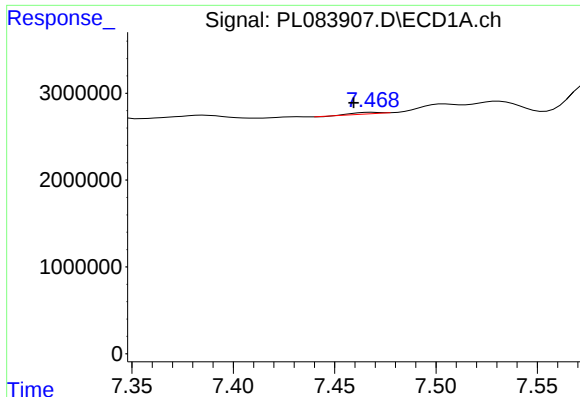
#19 Endosulfan Sulfate

R.T.: 7.095 min  
Delta R.T.: -0.012 min  
Response: 1331594  
Conc: 0.77 ng/ml



#19 Endosulfan Sulfate

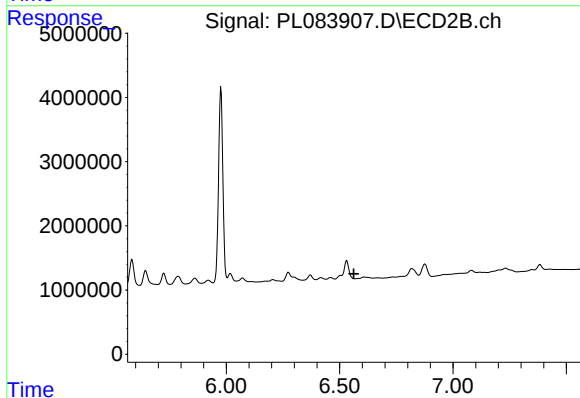
R.T.: 6.274 min  
Delta R.T.: 0.005 min  
Response: 1699000  
Conc: 1.55 ng/ml



#20 Methoxychlor

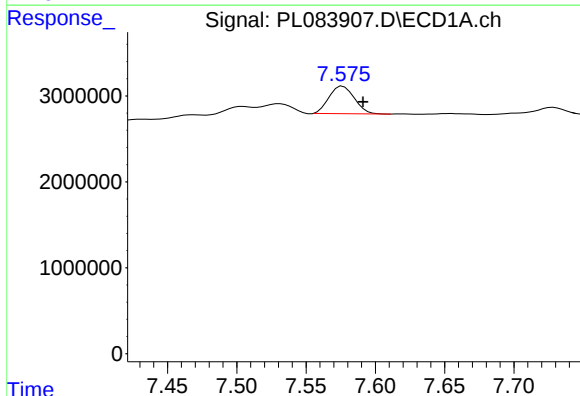
R.T.: 7.469 min  
Delta R.T.: 0.010 min  
Response: 142419  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



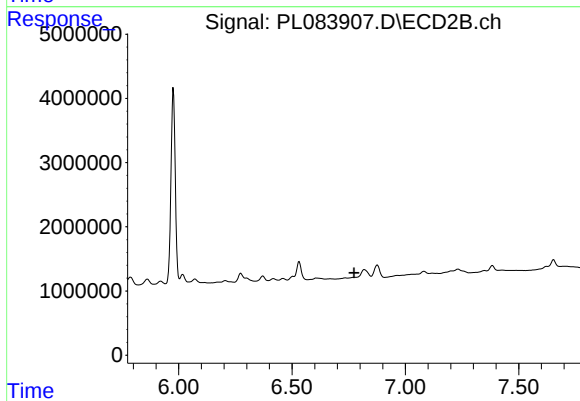
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.562 min  
Response: 0  
Conc: N.D.



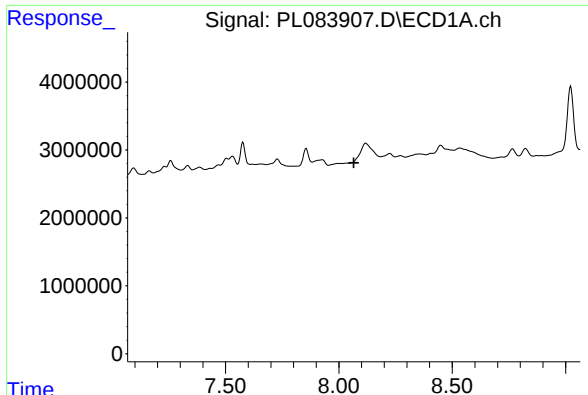
#21 Endrin ketone

R.T.: 7.577 min  
Delta R.T.: -0.015 min  
Response: 4064201  
Conc: 2.32 ng/ml



#21 Endrin ketone

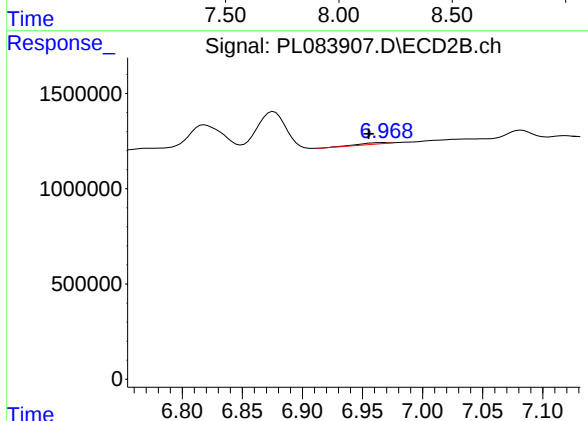
R.T.: 0.000 min  
Exp R.T. : 6.773 min  
Response: 0  
Conc: N.D.



#22 Mirex

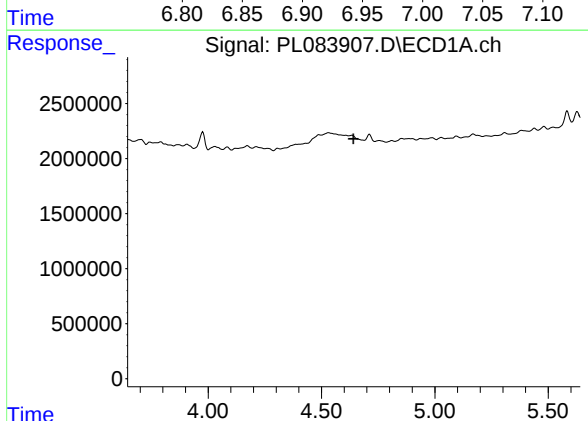
R.T.: 0.000 min  
Exp R.T.: 8.066 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



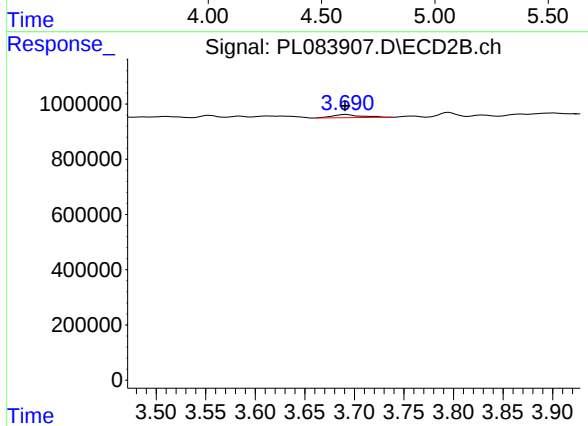
#22 Mirex

R.T.: 6.968 min  
Delta R.T.: 0.013 min  
Response: 106457  
Conc: 0.10 ng/ml



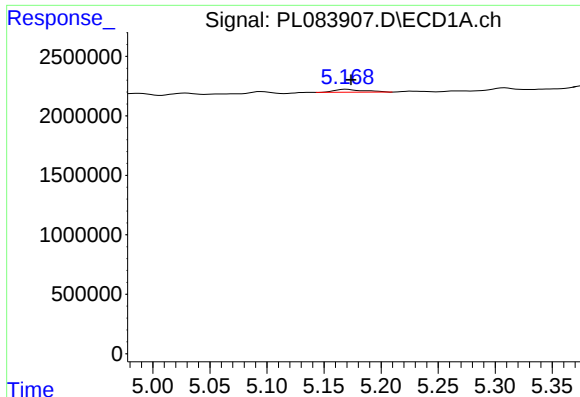
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.641 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

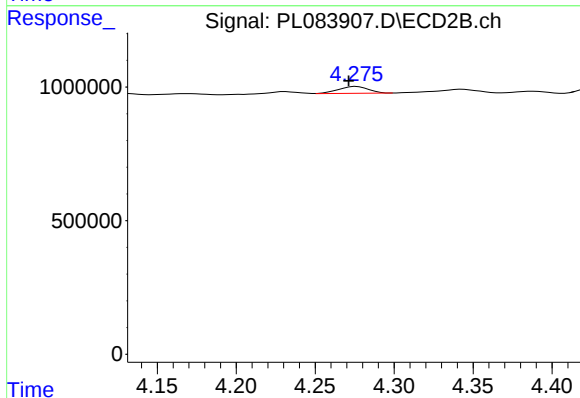
R.T.: 3.692 min  
Delta R.T.: 0.000 min  
Response: 232748  
Conc: 0.59 ng/ml



#24 Chlordane-2

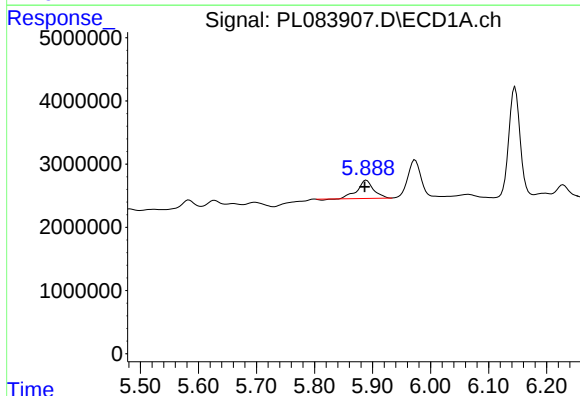
R.T.: 5.170 min  
Delta R.T.: -0.004 min  
Response: 443985  
Conc: 0.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



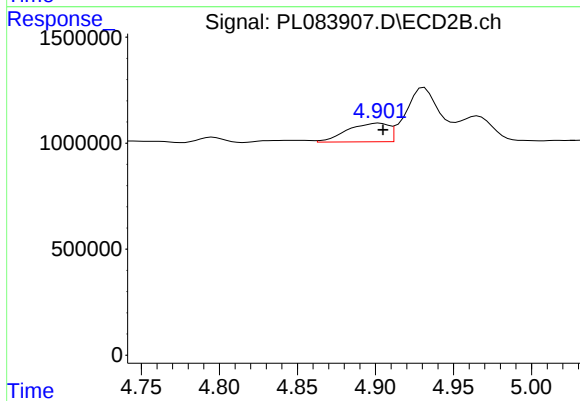
#24 Chlordane-2

R.T.: 4.276 min  
Delta R.T.: 0.005 min  
Response: 337156  
Conc: 0.80 ng/ml



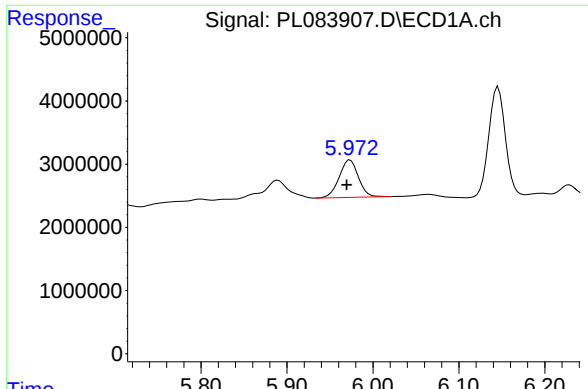
#25 Chlordane-3

R.T.: 5.889 min  
Delta R.T.: 0.003 min  
Response: 5464458  
Conc: 1.56 ng/ml



#25 Chlordane-3

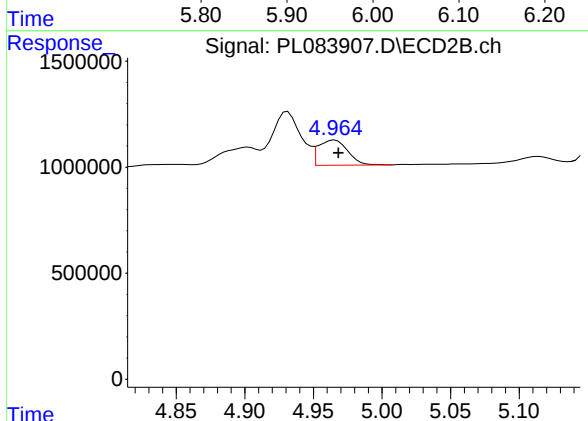
R.T.: 4.903 min  
Delta R.T.: -0.002 min  
Response: 1621497  
Conc: 1.18 ng/ml



#26 Chlordane-4

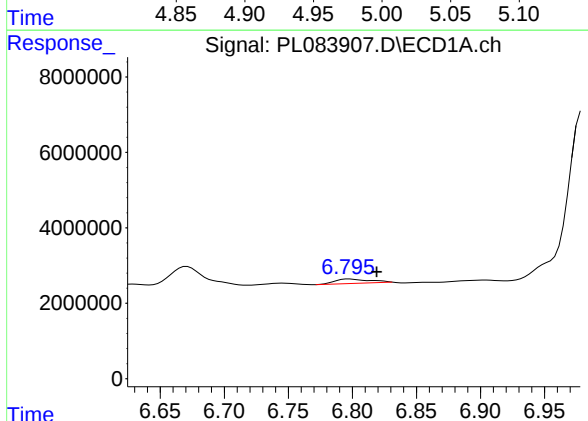
R.T.: 5.973 min  
Delta R.T.: 0.004 min  
Response: 9214882  
Conc: 2.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



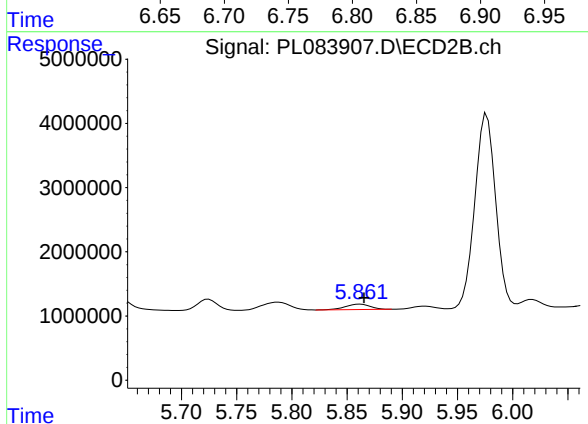
#26 Chlordane-4

R.T.: 4.966 min  
Delta R.T.: -0.002 min  
Response: 1769451  
Conc: 1.24 ng/ml



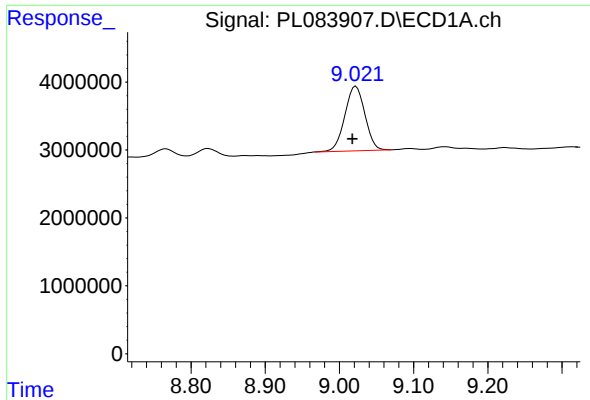
#27 Chlordane-5

R.T.: 6.797 min  
Delta R.T.: -0.021 min  
Response: 2320587  
Conc: 3.80 ng/ml



#27 Chlordane-5

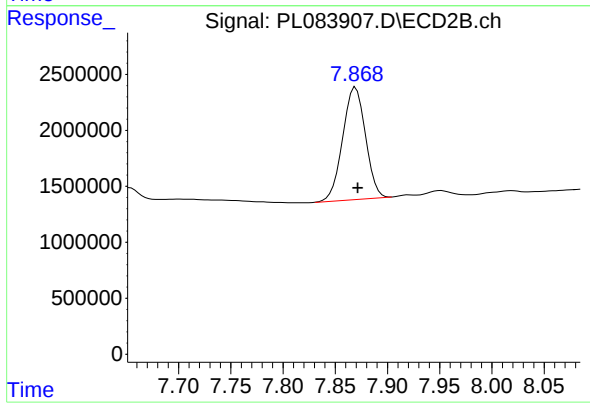
R.T.: 5.862 min  
Delta R.T.: -0.003 min  
Response: 1282891  
Conc: 2.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min  
Delta R.T.: 0.005 min  
Response: 17833607  
Conc: 13.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.870 min  
Delta R.T.: -0.002 min  
Response: 15246369  
Conc: 13.72 ng/ml