

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042524\  
 Data File : PL089172.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Apr 2024 08:43  
 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: Apr 25 22:52:28 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 15 18:43:22 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  | 2.792  | 0        | 84750    | N.D.    | 0.064 #   |
| 28)                         | SA Decachlor... | 0.000  | 7.958  | 0        | 473228   | N.D.    | 0.353 #   |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.007  | 3.296  | 501676   | 56706    | 0.168   | 0.029 #   |
| 3)                          | MA gamma-BHC... | 4.356f | 3.637  | 58704    | 547027   | 0.020   | 0.284 #   |
| 4)                          | MA Heptachlor   | 4.927  | 3.967  | 954549   | 98755    | 0.384   | 0.055 #   |
| 5)                          | MB Aldrin       | 5.265  | 4.271  | 24932799 | 14467686 | 9.606   | 7.887     |
| 6)                          | B beta-BHC      | 4.523  | 3.943  | 369822   | 188930   | 0.276   | 0.226     |
| 7)                          | B delta-BHC     | 4.775  | 4.157  | 3551667  | 2652861  | 1.328   | 1.453     |
| 8)                          | B Heptachlo...  | 5.690  | 4.768  | 65117192 | 81239    | 27.597  | 0.049 #   |
| 9)                          | A Endosulfan I  | 6.068  | 0.000  | 44494172 | 0        | 20.347  | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.955  | 5.023  | 11467231 | 1463991  | 4.988   | 0.892 #   |
| 11)                         | B alpha-Chl...  | 6.004f | 5.067  | 22032524 | 3148483  | 9.624   | 1.904 #   |
| 12)                         | B 4,4'-DDE      | 6.197  | 0.000  | 27580949 | 0        | 13.724  | N.D. #    |
| 13)                         | MA Dieldrin     | 6.364  | 5.407  | 46440811 | 1658841  | 20.593  | 1.015 #   |
| 14)                         | MA Endrin       | 0.000  | 5.687f | 0        | 27547503 | N.D.    | 18.954 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.956  | 0        | 1279908  | N.D.    | 0.895 #   |
| 17)                         | MA 4,4'-DDT     | 7.052f | 6.061  | 3265905  | 226185   | 1.792   | 0.173 #   |
| 18)                         | B Endrin al...  | 6.919  | 6.140  | 1040416  | 139121   | 0.711   | 0.127 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.368  | 0        | 574630   | N.D.    | 0.425 #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.633  | 0        | 309112   | N.D.    | 0.414 #   |
| 22)                         | Mirex           | 8.140  | 7.076f | 6189635  | 633854   | 4.214   | 0.479 #   |
| 23)                         | Chlordane-1     | 4.728  | 3.800  | 488419   | 748090   | 5.377   | 14.573 #  |
| 24)                         | Chlordane-2     | 5.265f | 4.402f | 24932799 | 12749752 | 263.957 | 196.315 # |
| 25)                         | Chlordane-3     | 5.955  | 5.023  | 11467231 | 1463991  | 35.578  | 8.476 #   |
| 26)                         | Chlordane-4     | 6.004f | 5.067  | 22032524 | 3148483  | 55.733  | 19.412 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.757  | 0        | 45192    | N.D.    | 0.896 #   |
| -----                       |                 |        |        |          |          |         |           |

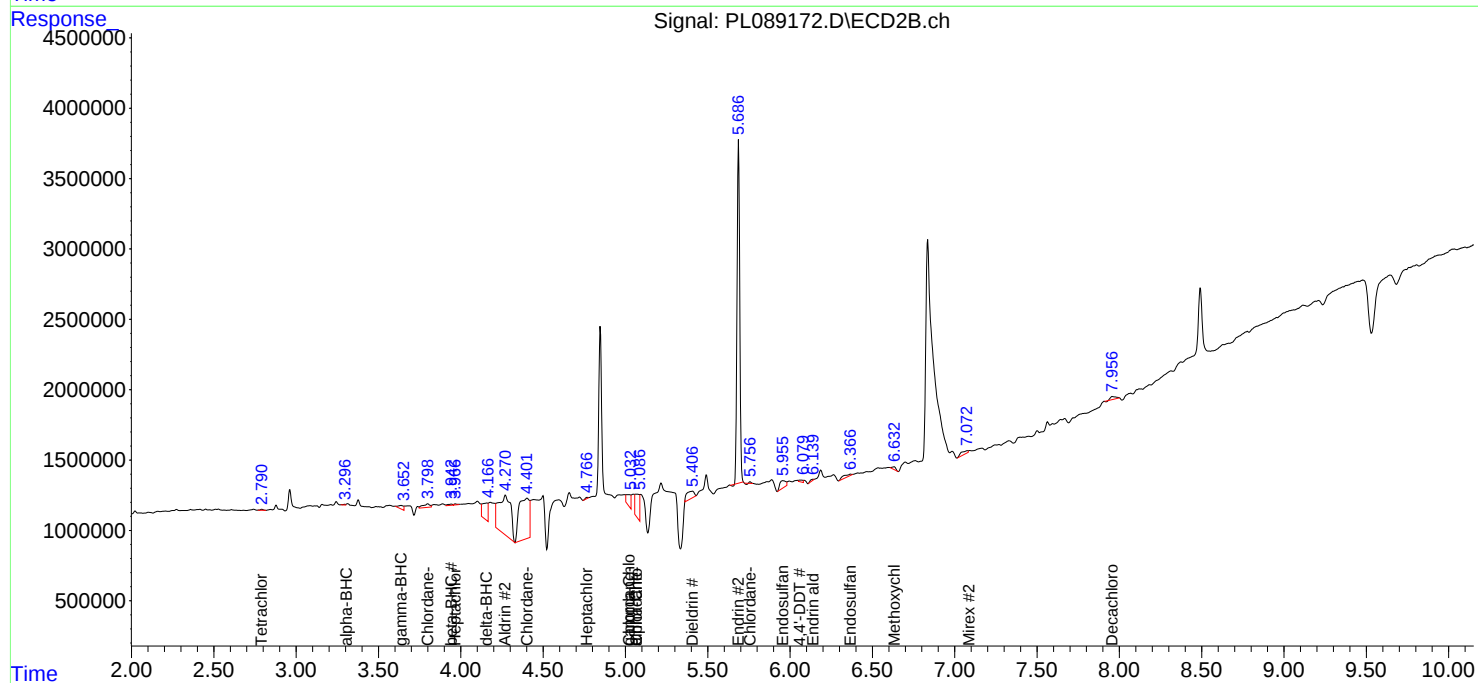
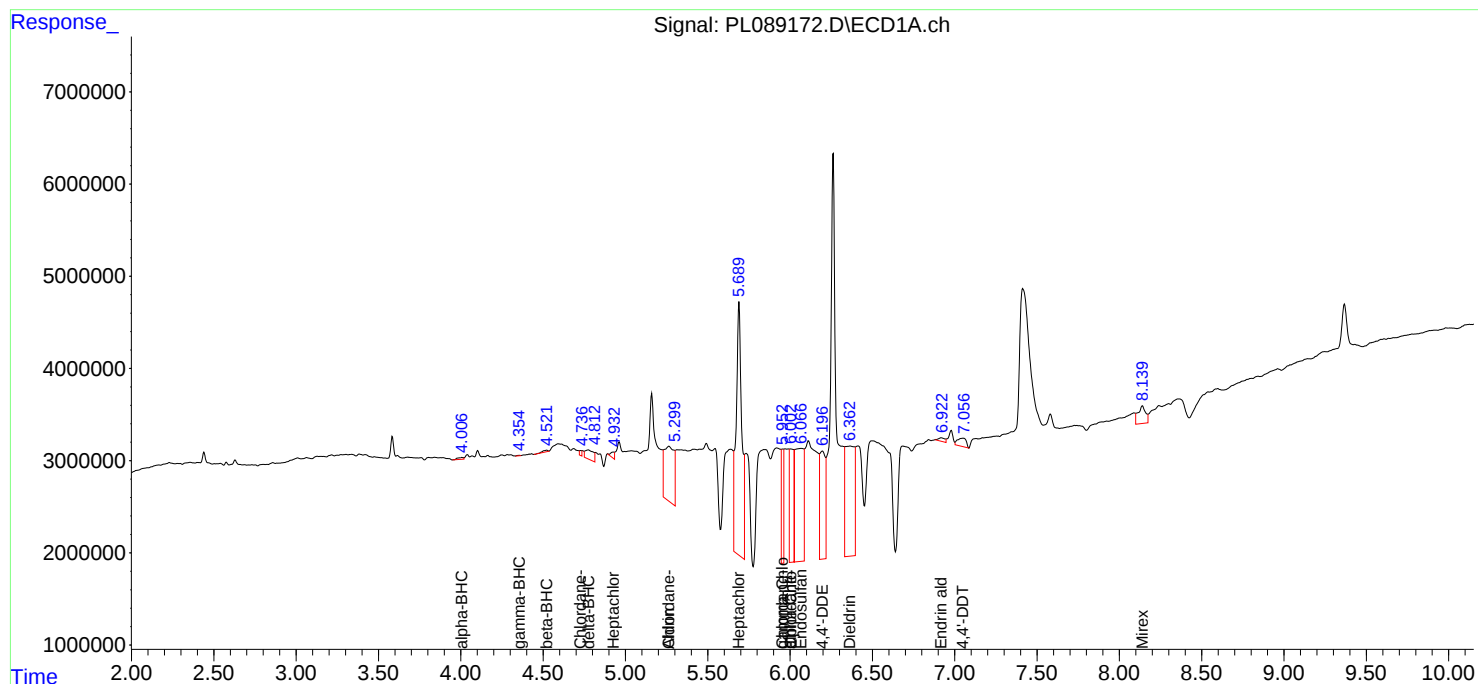
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

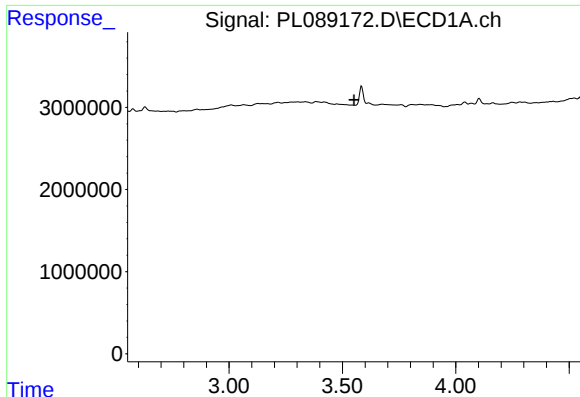
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042524\  
Data File : PL089172.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Apr 2024 08:43  
Operator : AR\AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 25 22:52:28 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 15 18:43:22 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

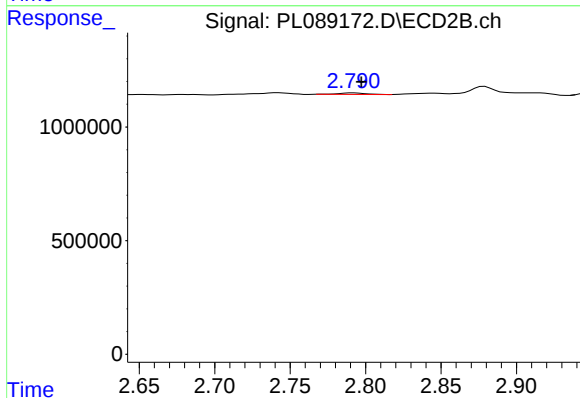




#1 Tetrachloro-m-xylene

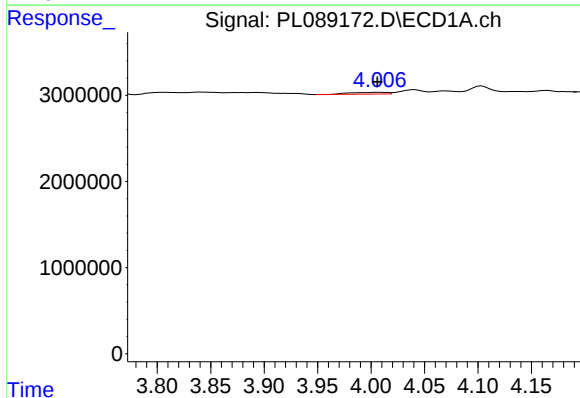
R.T.: 0.000 min  
Exp R.T.: 3.551 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



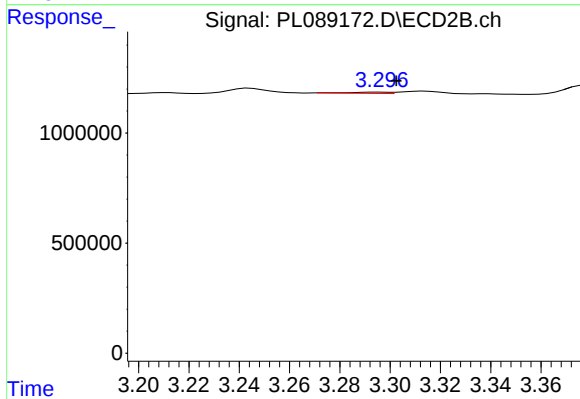
#1 Tetrachloro-m-xylene

R.T.: 2.792 min  
Delta R.T.: -0.005 min  
Response: 84750  
Conc: 0.06 ng/ml



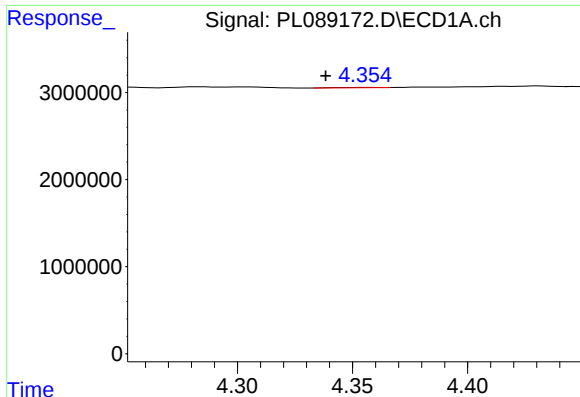
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.001 min  
Response: 501676  
Conc: 0.17 ng/ml



#2 alpha-BHC

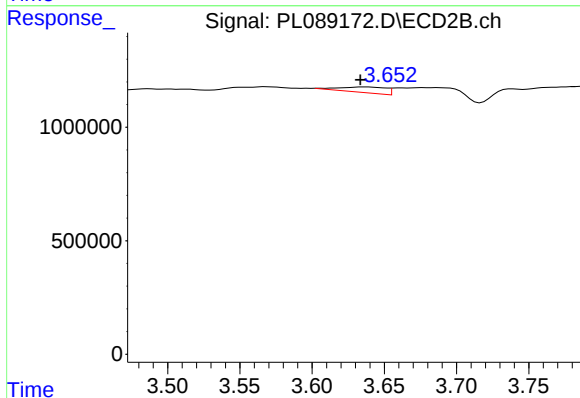
R.T.: 3.296 min  
Delta R.T.: -0.007 min  
Response: 56706  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

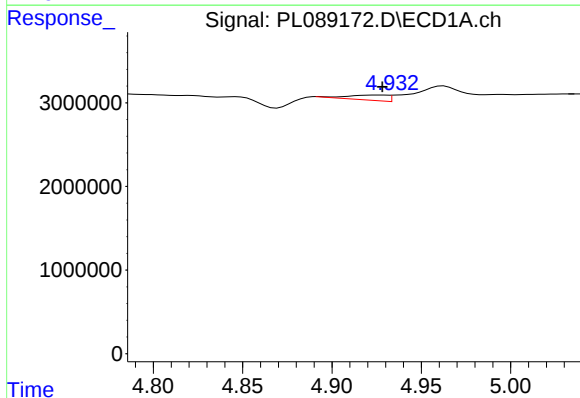
R.T.: 4.356 min  
Delta R.T.: 0.017 min  
Response: 58704  
Conc: 0.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



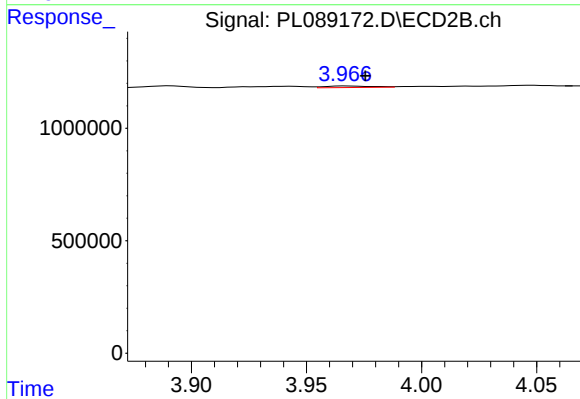
#3 gamma-BHC (Lindane)

R.T.: 3.637 min  
Delta R.T.: 0.004 min  
Response: 547027  
Conc: 0.28 ng/ml



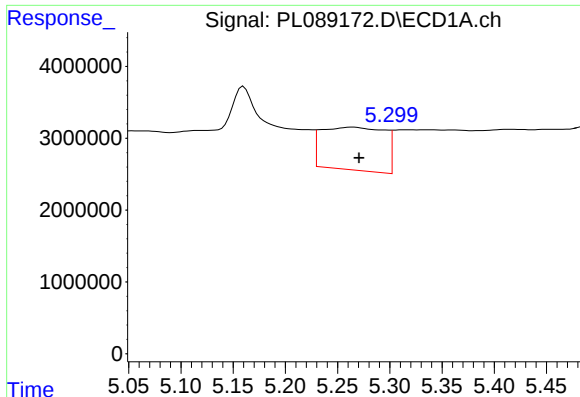
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: -0.002 min  
Response: 954549  
Conc: 0.38 ng/ml



#4 Heptachlor

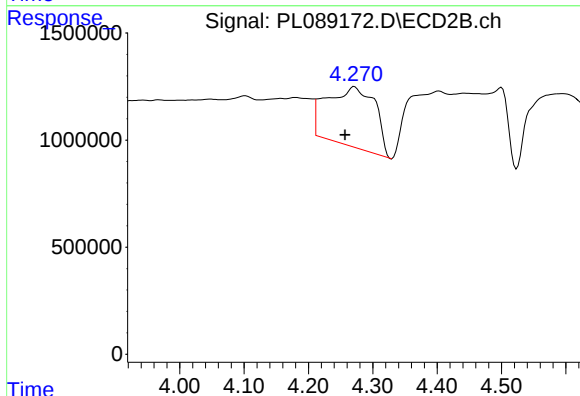
R.T.: 3.967 min  
Delta R.T.: -0.008 min  
Response: 98755  
Conc: 0.05 ng/ml



#5 Aldrin

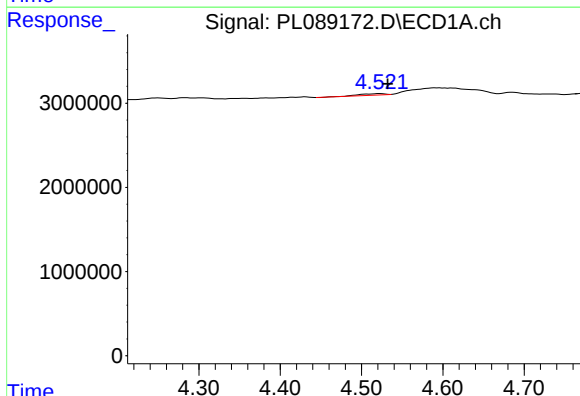
R.T.: 5.265 min  
Delta R.T.: -0.006 min  
Response: 24932799  
Conc: 9.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



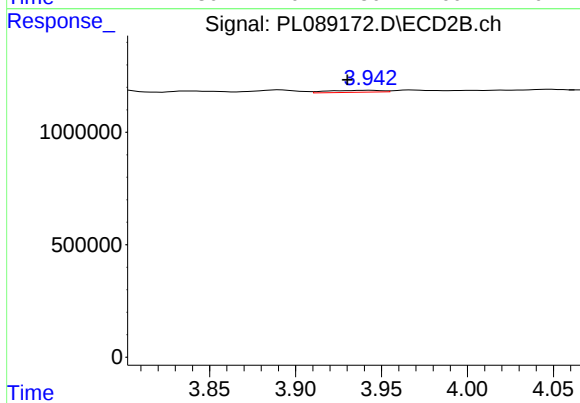
#5 Aldrin

R.T.: 4.271 min  
Delta R.T.: 0.014 min  
Response: 14467686  
Conc: 7.89 ng/ml



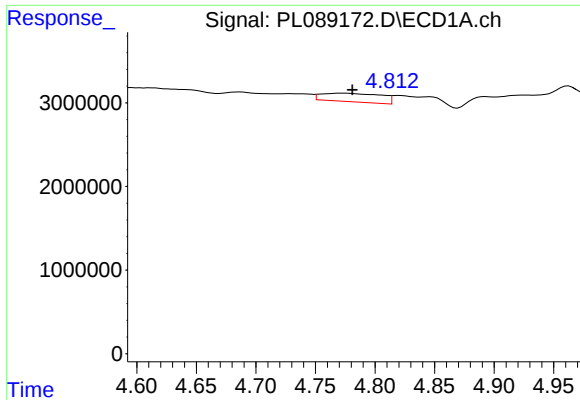
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.010 min  
Response: 369822  
Conc: 0.28 ng/ml



#6 beta-BHC

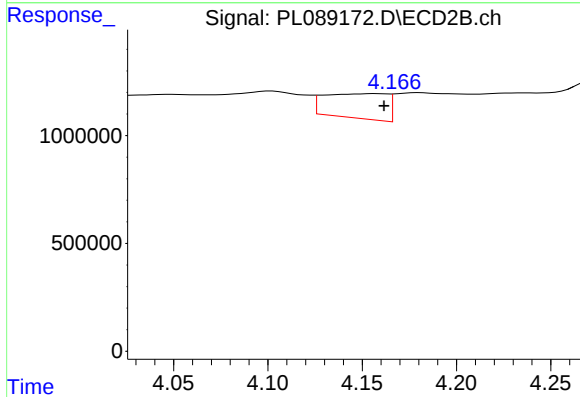
R.T.: 3.943 min  
Delta R.T.: 0.013 min  
Response: 188930  
Conc: 0.23 ng/ml



#7 delta-BHC

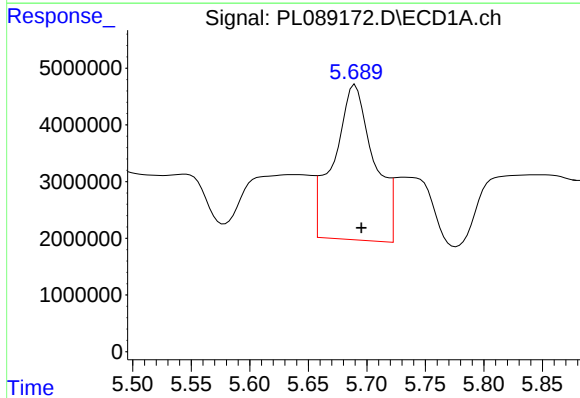
R.T.: 4.775 min  
Delta R.T.: -0.006 min  
Response: 3551667  
Conc: 1.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



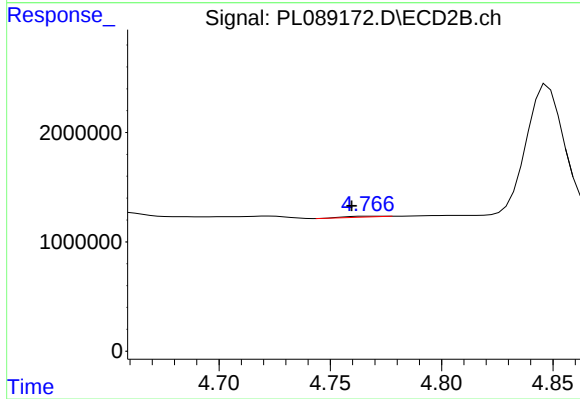
#7 delta-BHC

R.T.: 4.157 min  
Delta R.T.: -0.004 min  
Response: 2652861  
Conc: 1.45 ng/ml



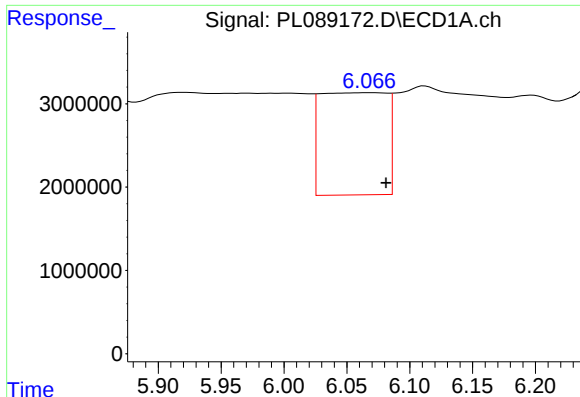
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.006 min  
Response: 65117192  
Conc: 27.60 ng/ml



#8 Heptachlor epoxide

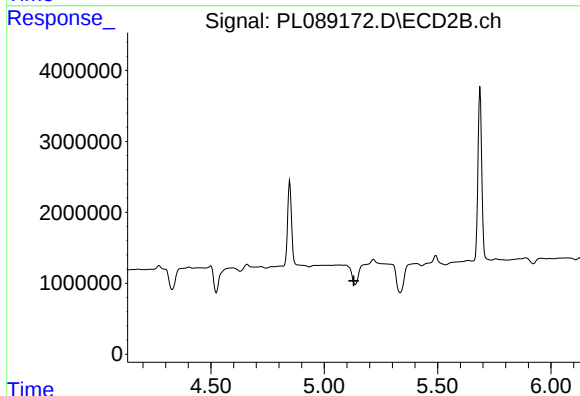
R.T.: 4.768 min  
Delta R.T.: 0.008 min  
Response: 81239  
Conc: 0.05 ng/ml



#9 Endosulfan I

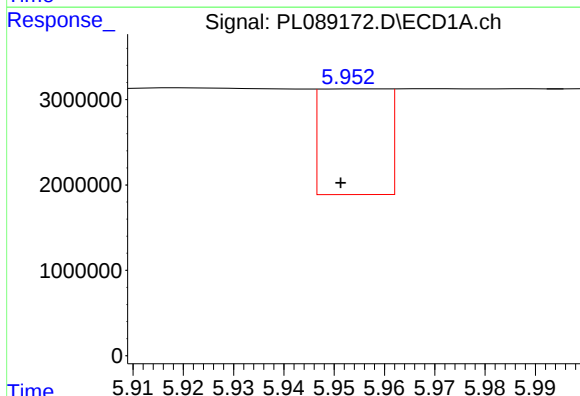
R.T.: 6.068 min  
Delta R.T.: -0.013 min  
Response: 44494172  
Conc: 20.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



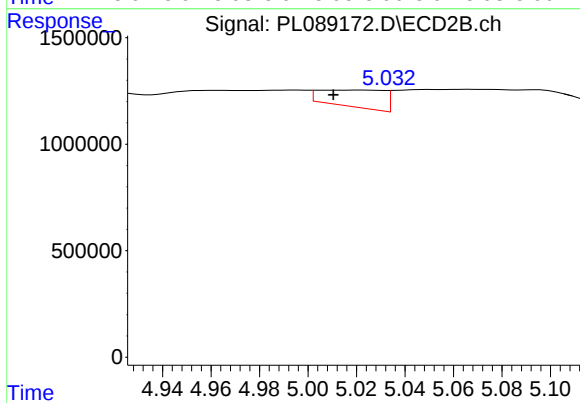
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.130 min  
Response: 0  
Conc: N.D.



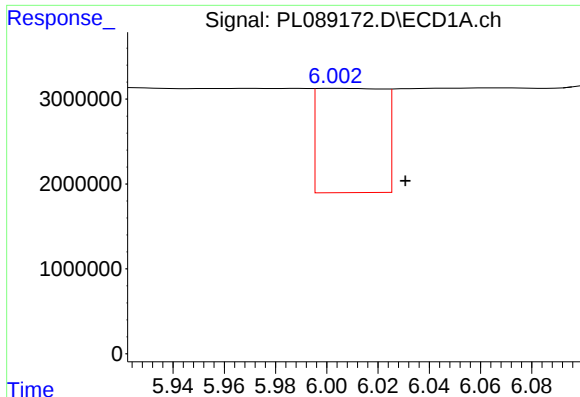
#10 gamma-Chlordane

R.T.: 5.955 min  
Delta R.T.: 0.004 min  
Response: 11467231  
Conc: 4.99 ng/ml



#10 gamma-Chlordane

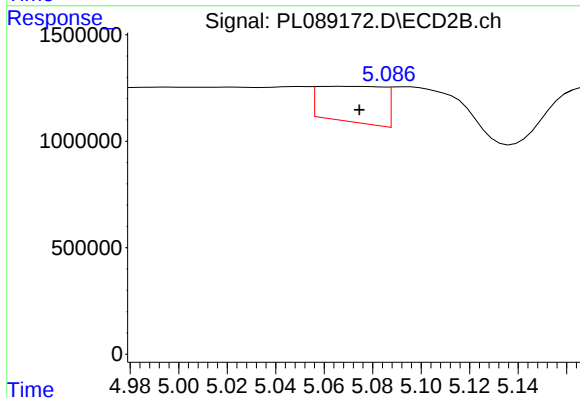
R.T.: 5.023 min  
Delta R.T.: 0.013 min  
Response: 1463991  
Conc: 0.89 ng/ml



#11 alpha-Chlordane

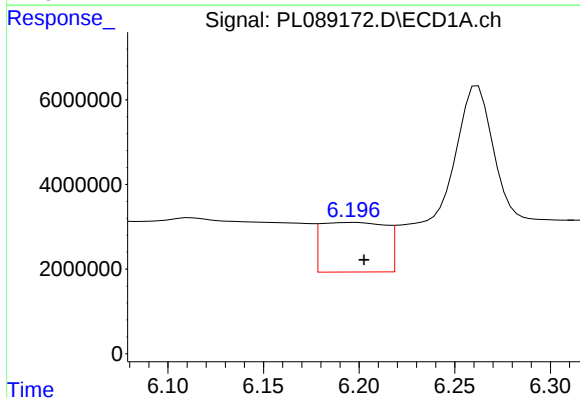
R.T.: 6.004 min  
Delta R.T.: -0.027 min  
Response: 22032524  
Conc: 9.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



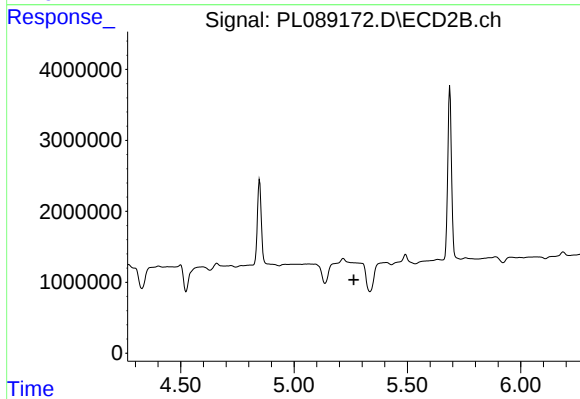
#11 alpha-Chlordane

R.T.: 5.067 min  
Delta R.T.: -0.008 min  
Response: 3148483  
Conc: 1.90 ng/ml



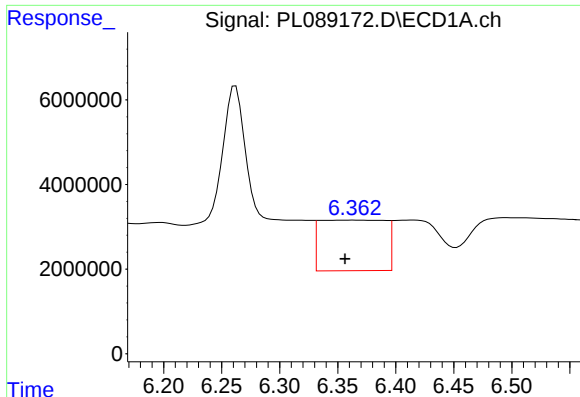
#12 4,4'-DDE

R.T.: 6.197 min  
Delta R.T.: -0.005 min  
Response: 27580949  
Conc: 13.72 ng/ml



#12 4,4'-DDE

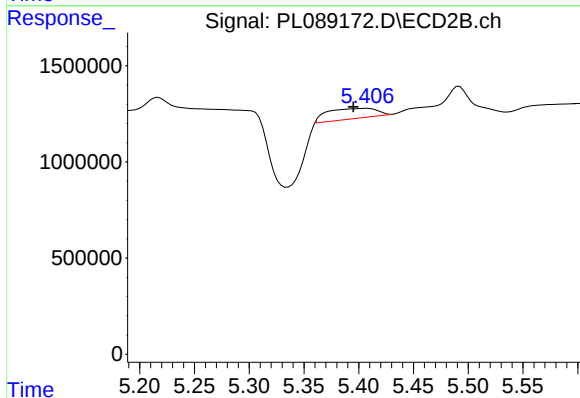
R.T.: 0.000 min  
Exp R.T.: 5.264 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

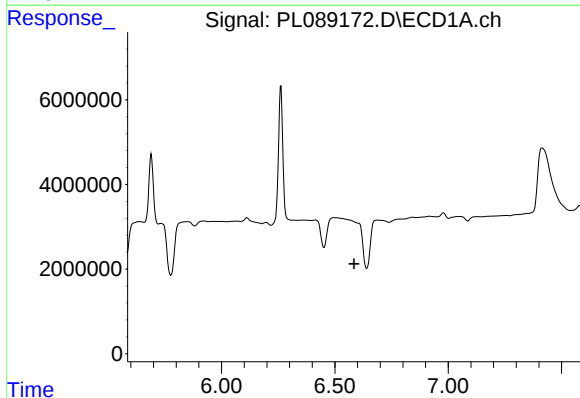
R.T.: 6.364 min  
Delta R.T.: 0.008 min  
Response: 46440811  
Conc: 20.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



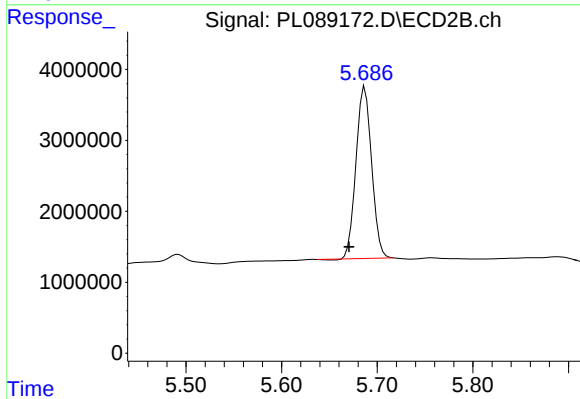
#13 Dieldrin

R.T.: 5.407 min  
Delta R.T.: 0.012 min  
Response: 1658841  
Conc: 1.01 ng/ml



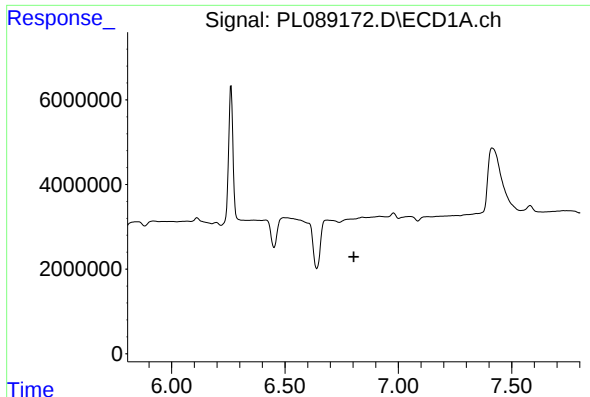
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.585 min  
Response: 0  
Conc: N.D.



#14 Endrin

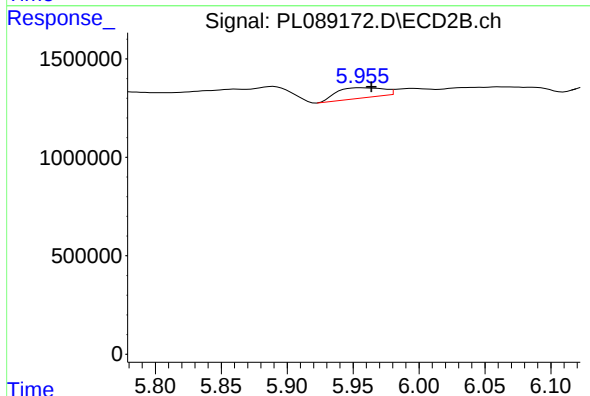
R.T.: 5.687 min  
Delta R.T.: 0.017 min  
Response: 27547503  
Conc: 18.95 ng/ml



#15 Endosulfan II

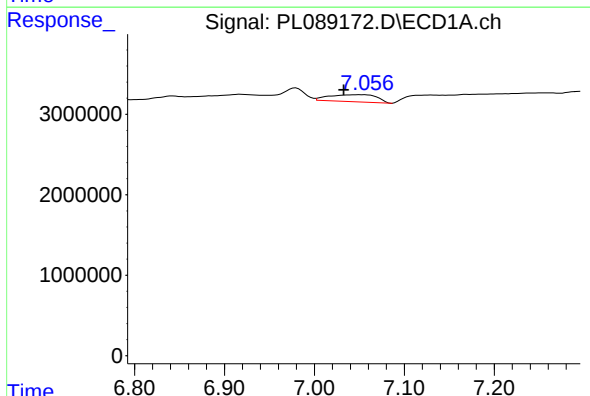
R.T.: 0.000 min  
Exp R.T.: 6.803 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



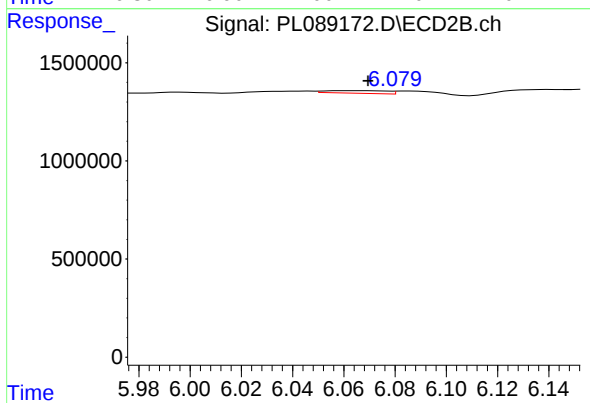
#15 Endosulfan II

R.T.: 5.956 min  
Delta R.T.: -0.008 min  
Response: 1279908  
Conc: 0.90 ng/ml



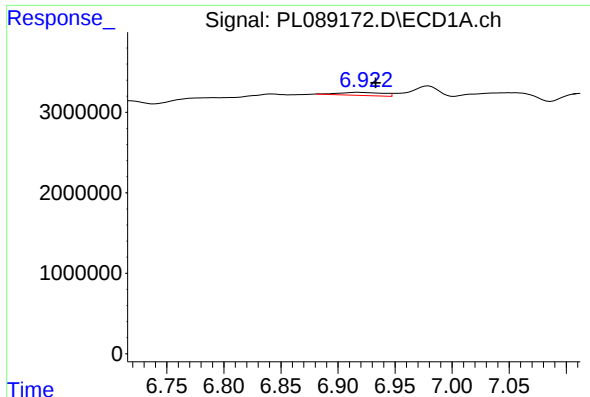
#17 4,4'-DDT

R.T.: 7.052 min  
Delta R.T.: 0.019 min  
Response: 3265905  
Conc: 1.79 ng/ml



#17 4,4'-DDT

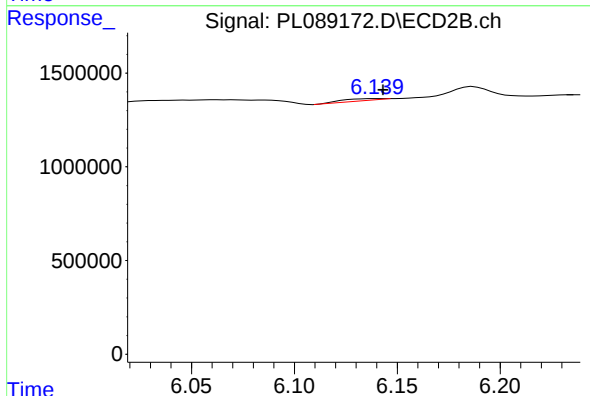
R.T.: 6.061 min  
Delta R.T.: -0.008 min  
Response: 226185  
Conc: 0.17 ng/ml



#18 Endrin aldehyde

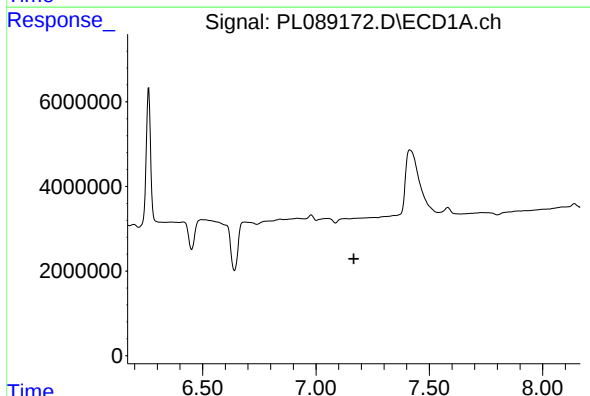
R.T.: 6.919 min  
Delta R.T.: -0.014 min  
Response: 1040416  
Conc: 0.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



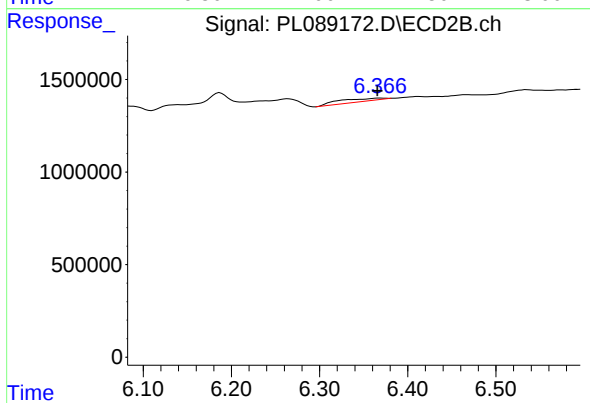
#18 Endrin aldehyde

R.T.: 6.140 min  
Delta R.T.: -0.003 min  
Response: 139121  
Conc: 0.13 ng/ml



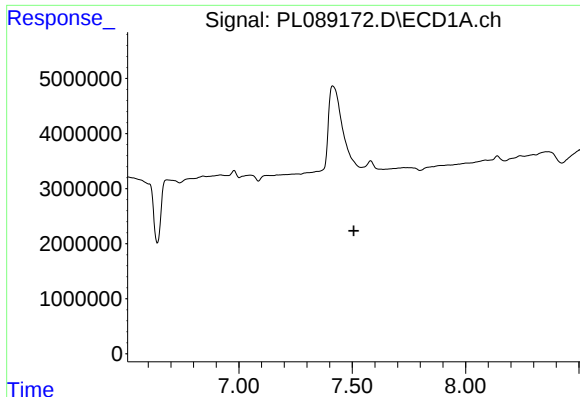
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.167 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

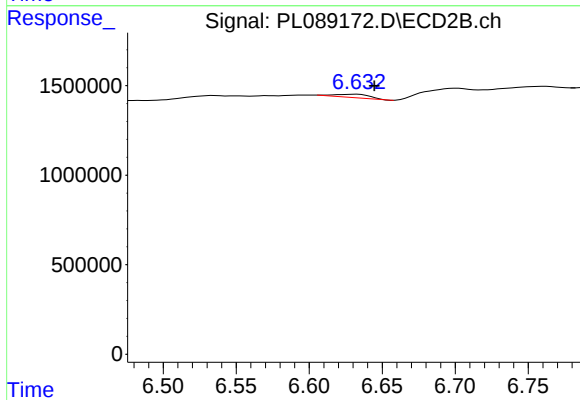
R.T.: 6.368 min  
Delta R.T.: 0.003 min  
Response: 574630  
Conc: 0.43 ng/ml



#20 Methoxychlor

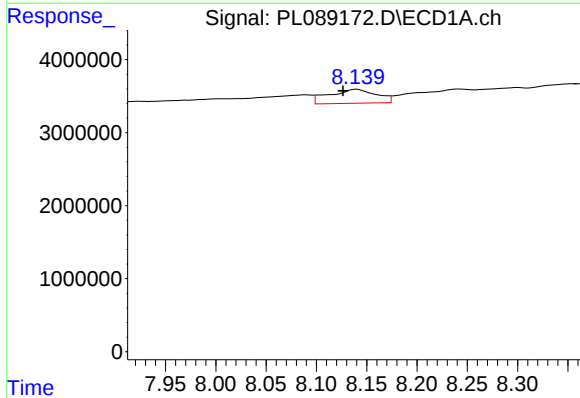
R.T.: 0.000 min  
Exp R.T.: 7.506 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



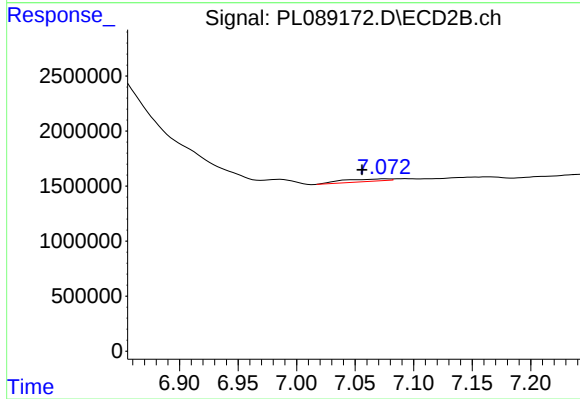
#20 Methoxychlor

R.T.: 6.633 min  
Delta R.T.: -0.012 min  
Response: 309112  
Conc: 0.41 ng/ml



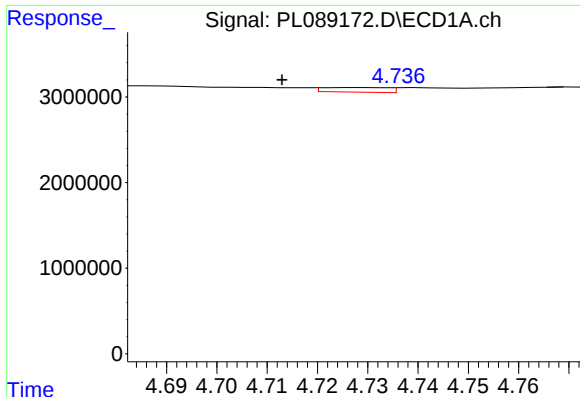
#22 Mirex

R.T.: 8.140 min  
Delta R.T.: 0.014 min  
Response: 6189635  
Conc: 4.21 ng/ml



#22 Mirex

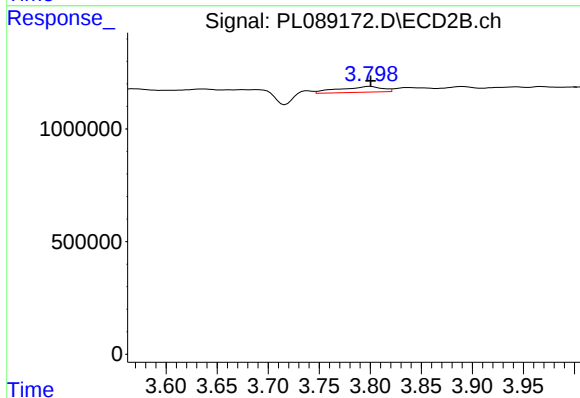
R.T.: 7.076 min  
Delta R.T.: 0.020 min  
Response: 633854  
Conc: 0.48 ng/ml



#23 Chlordane-1

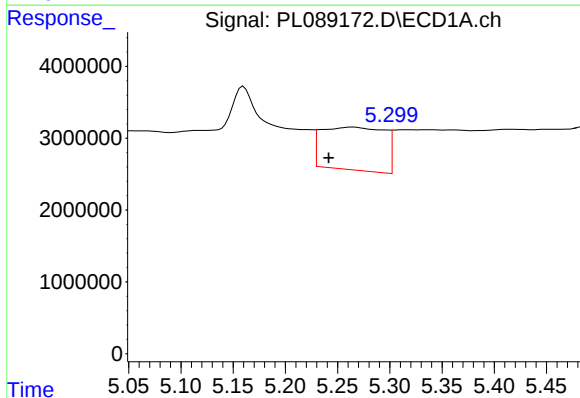
R.T.: 4.728 min  
Delta R.T.: 0.015 min  
Response: 488419  
Conc: 5.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



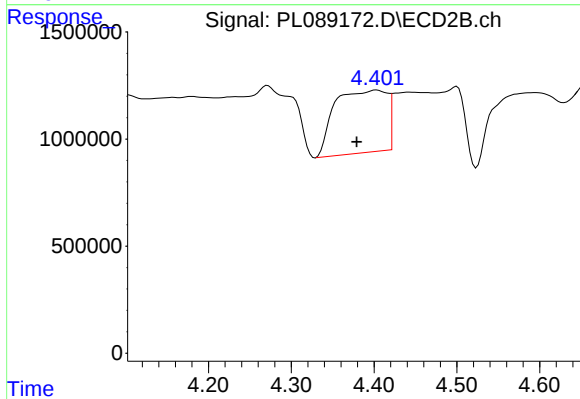
#23 Chlordane-1

R.T.: 3.800 min  
Delta R.T.: 0.000 min  
Response: 748090  
Conc: 14.57 ng/ml



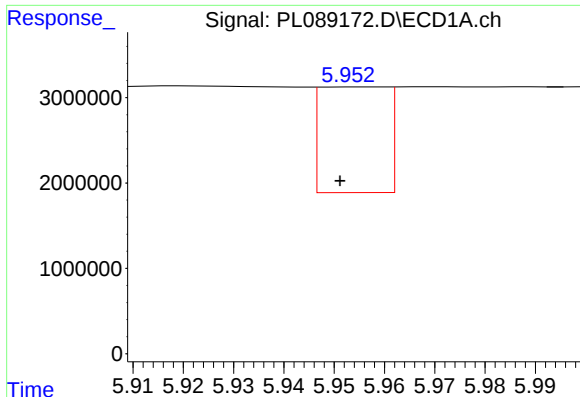
#24 Chlordane-2

R.T.: 5.265 min  
Delta R.T.: 0.023 min  
Response: 24932799  
Conc: 263.96 ng/ml



#24 Chlordane-2

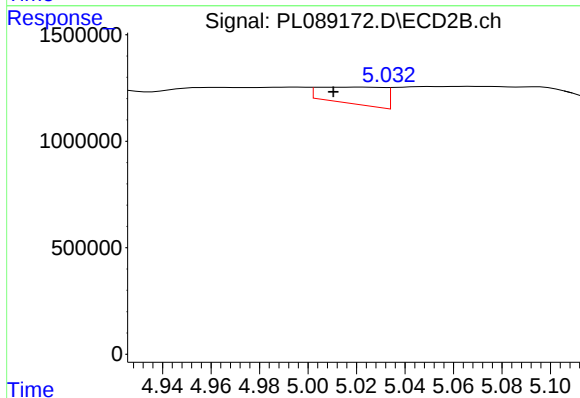
R.T.: 4.402 min  
Delta R.T.: 0.023 min  
Response: 12749752  
Conc: 196.31 ng/ml



#25 Chlordane-3

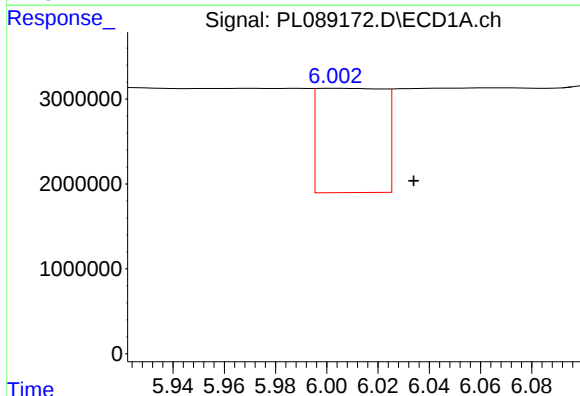
R.T.: 5.955 min  
Delta R.T.: 0.004 min  
Response: 11467231  
Conc: 35.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



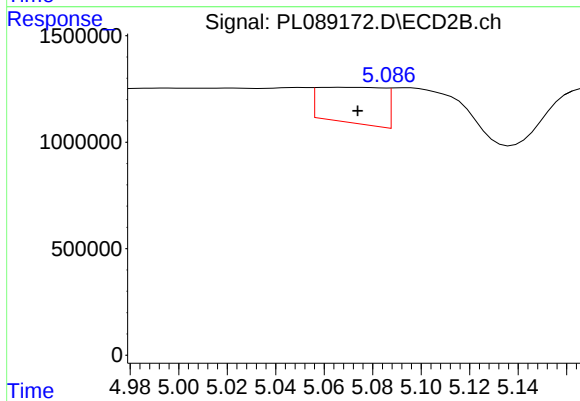
#25 Chlordane-3

R.T.: 5.023 min  
Delta R.T.: 0.013 min  
Response: 1463991  
Conc: 8.48 ng/ml



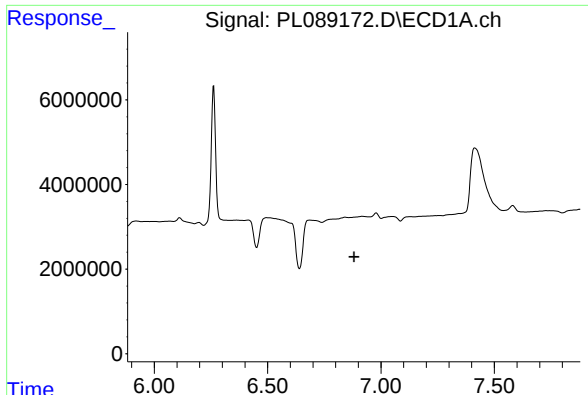
#26 Chlordane-4

R.T.: 6.004 min  
Delta R.T.: -0.030 min  
Response: 22032524  
Conc: 55.73 ng/ml



#26 Chlordane-4

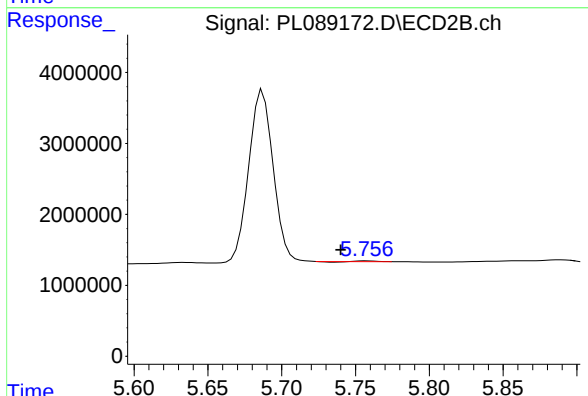
R.T.: 5.067 min  
Delta R.T.: -0.007 min  
Response: 3148483  
Conc: 19.41 ng/ml



#27 Chlordane-5

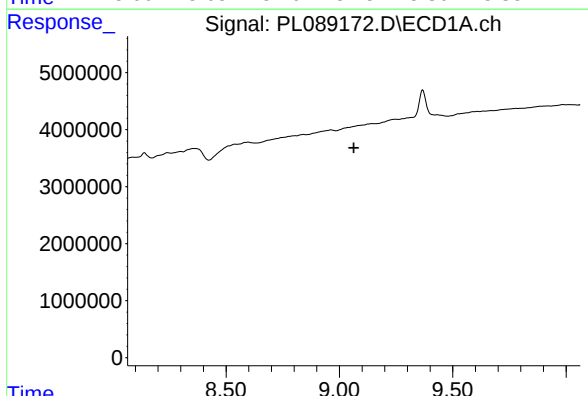
R.T.: 0.000 min  
Exp R.T.: 6.882 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



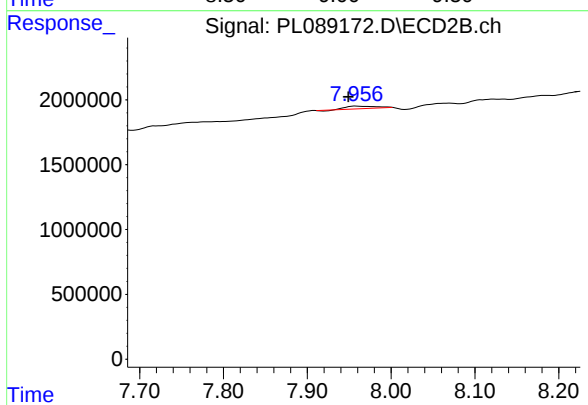
#27 Chlordane-5

R.T.: 5.757 min  
Delta R.T.: 0.017 min  
Response: 45192  
Conc: 0.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T.: 9.064 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.958 min  
Delta R.T.: 0.008 min  
Response: 473228  
Conc: 0.35 ng/ml