

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051424\  
 Data File : PL089523.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2024 17:08  
 Operator : AR\AJ  
 Sample : P2467-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 HD-02-051324

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 14 21:58:20 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 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... | 3.553  | 2.801  | 26150193 | 16509769 | 12.986 | 12.868   |
| 28)                         | SA Decachlor... | 9.064  | 7.946  | 15691040 | 15122607 | 11.216 | 11.242   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.998  | 3.294  | 172071   | 283004   | 0.060  | 0.150 #  |
| 3)                          | MA gamma-BHC... | 4.335  | 3.653f | 39643    | 191687   | 0.014  | 0.104 #  |
| 4)                          | MA Heptachlor   | 4.928  | 3.998f | 165246   | 10277    | 0.067  | 0.006 #  |
| 5)                          | MB Aldrin       | 5.269  | 4.255  | 1770925  | 487858   | 0.690  | 0.276 #  |
| 6)                          | B beta-BHC      | 4.510f | 0.000  | 94723    | 0        | 0.075  | N.D. #   |
| 7)                          | B delta-BHC     | 4.774  | 4.157  | 681544   | 46416    | 0.257  | 0.026 #  |
| 8)                          | B Heptachlo...  | 5.691  | 4.776f | 723507   | 36972    | 0.308  | 0.023 #  |
| 9)                          | A Endosulfan I  | 6.074  | 5.139  | 164649   | 526033   | 0.077  | 0.351 #  |
| 10)                         | B gamma-Chl...  | 5.948  | 5.033f | 1324426  | 1007489  | 0.579  | 0.614    |
| 11)                         | B alpha-Chl...  | 6.034  | 5.072  | 999143   | 687761   | 0.439  | 0.417    |
| 12)                         | B 4,4'-DDE      | 6.201  | 5.260  | 2767849  | 1820317  | 1.368  | 1.252    |
| 13)                         | MA Dieldrin     | 6.366  | 5.393  | 124886   | 181403   | 0.056  | 0.113 #  |
| 14)                         | MA Endrin       | 6.577  | 5.684f | 159545   | 75642    | 0.084  | 0.053 #  |
| 15)                         | B Endosulfa...  | 6.775f | 5.953  | 817180   | 122467   | 0.409  | 0.085 #  |
| 16)                         | A 4,4'-DDD      | 6.728  | 5.820  | 271955   | 27219    | 0.161  | 0.022 #  |
| 17)                         | MA 4,4'-DDT     | 7.007f | 6.062  | 1335139  | 191568   | 0.726  | 0.142 #  |
| 18)                         | B Endrin al...  | 6.938  | 6.153  | 42777    | 61282    | 0.028  | 0.055 #  |
| 19)                         | B Endosulfa...  | 7.164  | 6.361  | 76696    | 80964    | 0.042  | 0.058 #  |
| 21)                         | B Endrin ke...  | 7.652  | 0.000  | 8359     | 0        | 0.004  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.800  | 0        | 289794   | N.D.   | 5.890 #  |
| 24)                         | Chlordane-2     | 5.232  | 4.377  | 478803   | 197240   | 4.556  | 3.101 #  |
| 25)                         | Chlordane-3     | 5.948  | 5.033f | 1324426  | 1007489  | 4.010  | 5.884 #  |
| 26)                         | Chlordane-4     | 6.034  | 5.072  | 999143   | 687761   | 2.451  | 4.276 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.763f | 0        | 634292   | N.D.   | 12.394 # |
| -----                       |                 |        |        |          |          |        |          |

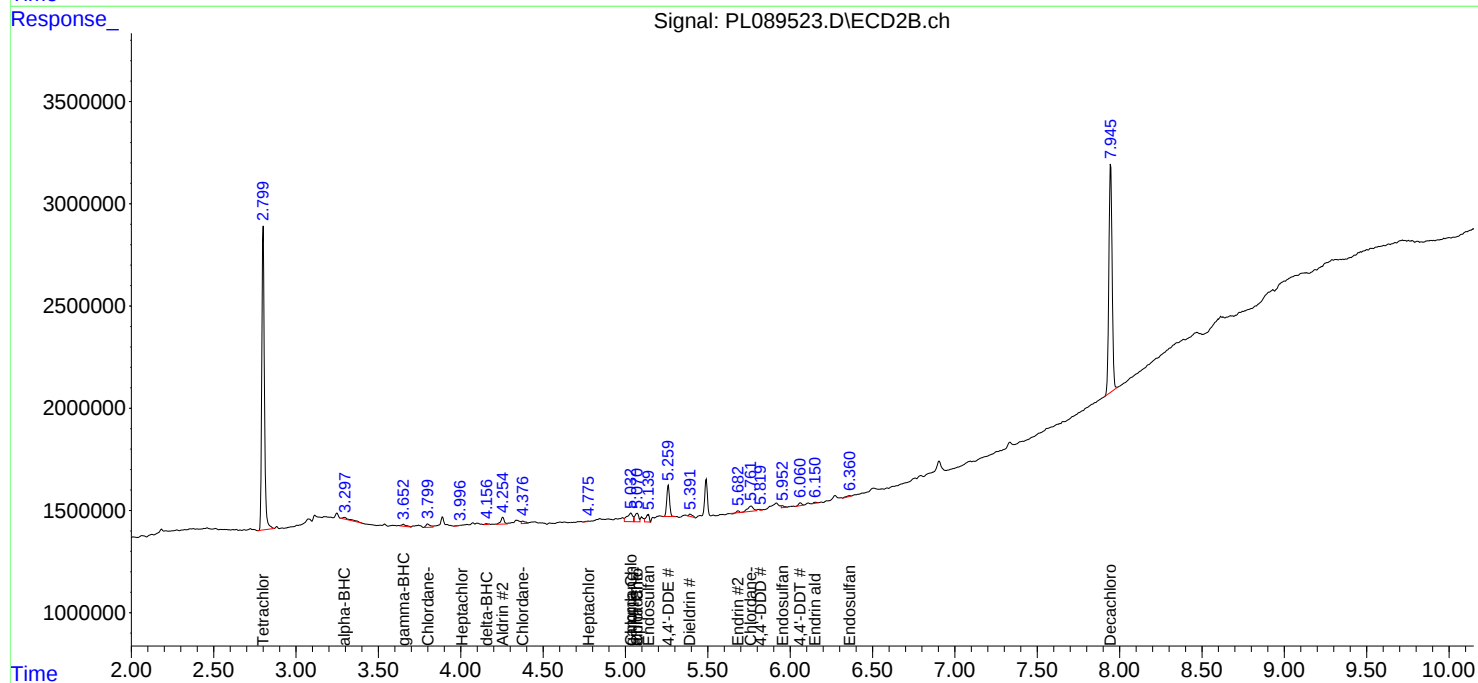
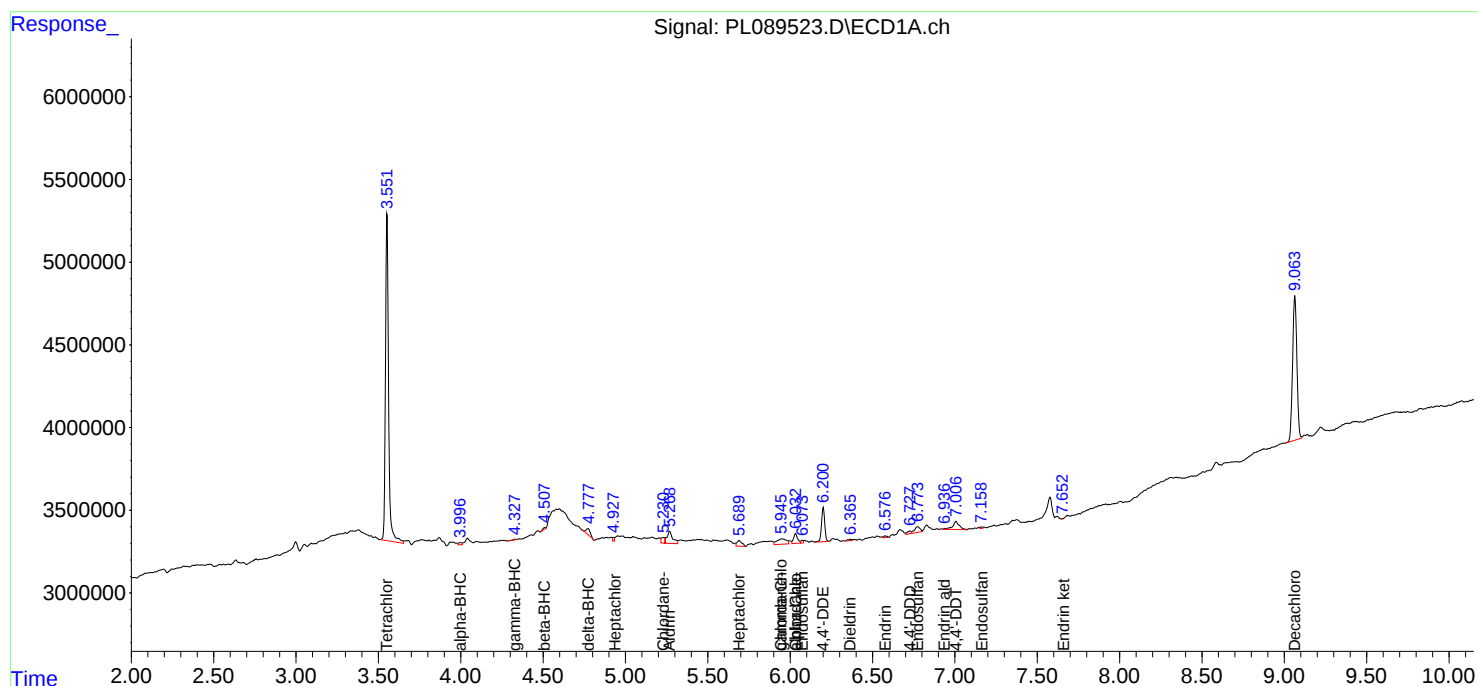
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

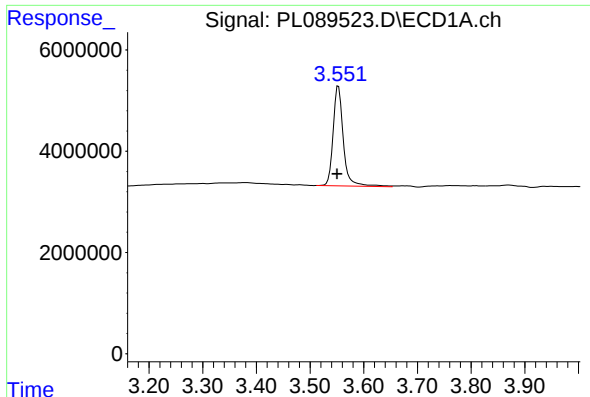
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051424\  
Data File : PL089523.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 May 2024 17:08  
Operator : AR\AJ  
Sample : P2467-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 14 21:58:20 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 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

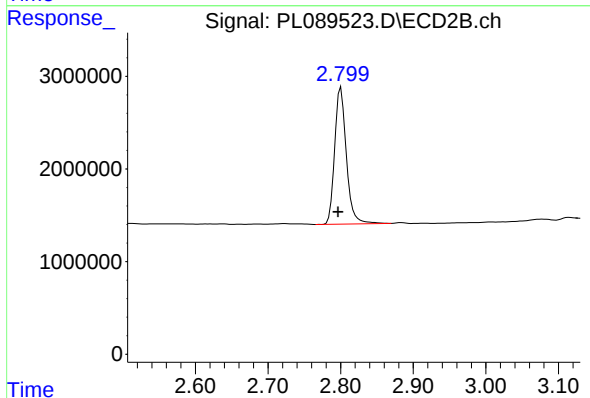




#1 Tetrachloro-m-xylene

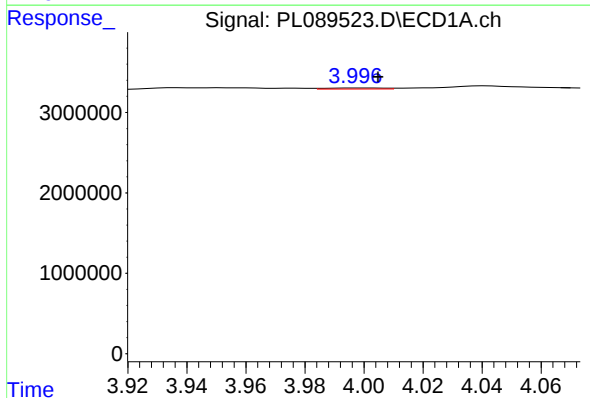
R.T.: 3.553 min  
Delta R.T.: 0.003 min  
Response: 26150193  
Conc: 12.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



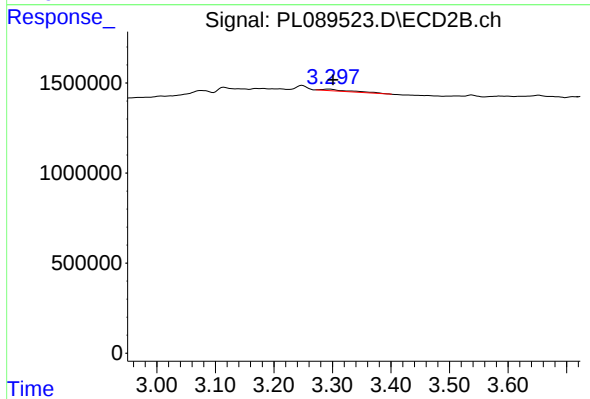
#1 Tetrachloro-m-xylene

R.T.: 2.801 min  
Delta R.T.: 0.004 min  
Response: 16509769  
Conc: 12.87 ng/ml



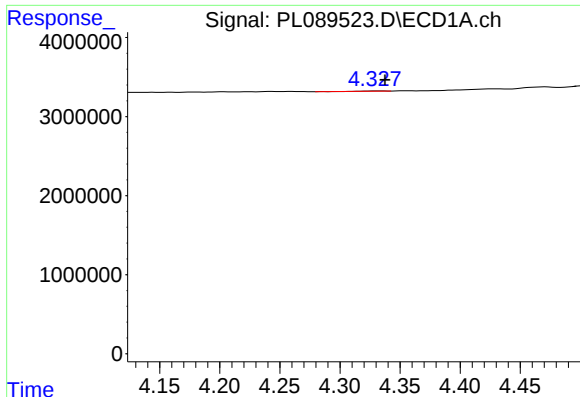
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.007 min  
Response: 172071  
Conc: 0.06 ng/ml



#2 alpha-BHC

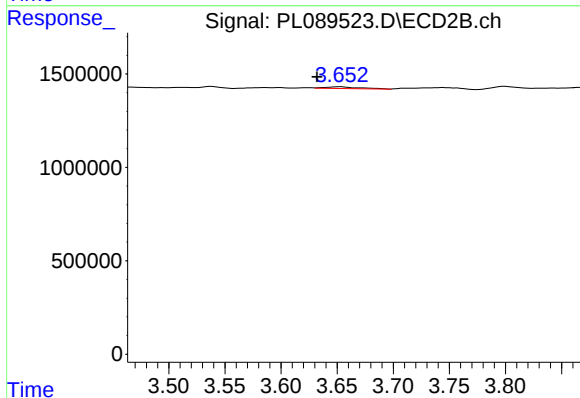
R.T.: 3.294 min  
Delta R.T.: -0.008 min  
Response: 283004  
Conc: 0.15 ng/ml



#3 gamma-BHC (Lindane)

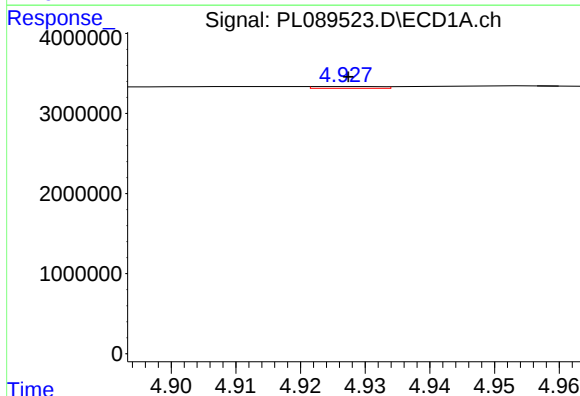
R.T.: 4.335 min  
Delta R.T.: -0.003 min  
Response: 39643  
Conc: 0.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



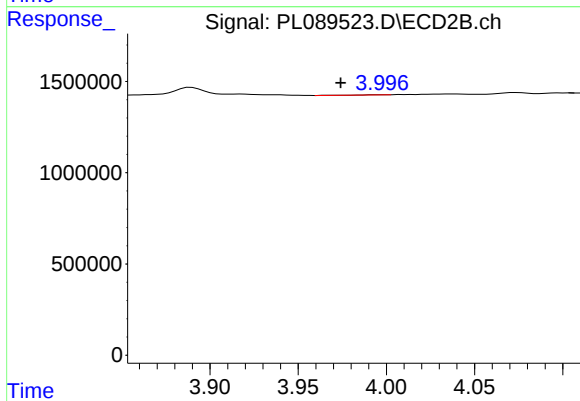
#3 gamma-BHC (Lindane)

R.T.: 3.653 min  
Delta R.T.: 0.021 min  
Response: 191687  
Conc: 0.10 ng/ml



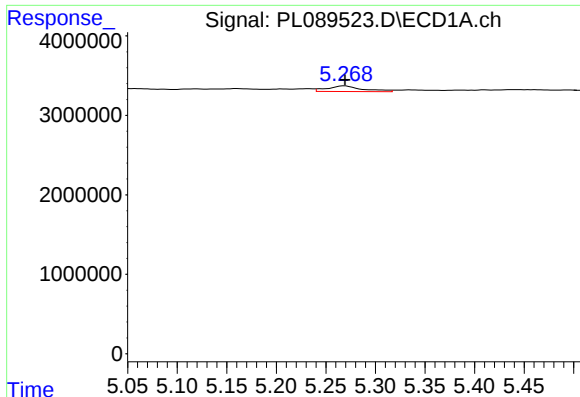
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.000 min  
Response: 165246  
Conc: 0.07 ng/ml



#4 Heptachlor

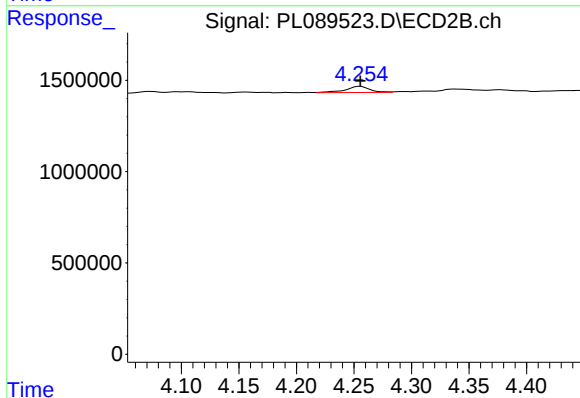
R.T.: 3.998 min  
Delta R.T.: 0.023 min  
Response: 10277  
Conc: 0.01 ng/ml



#5 Aldrin

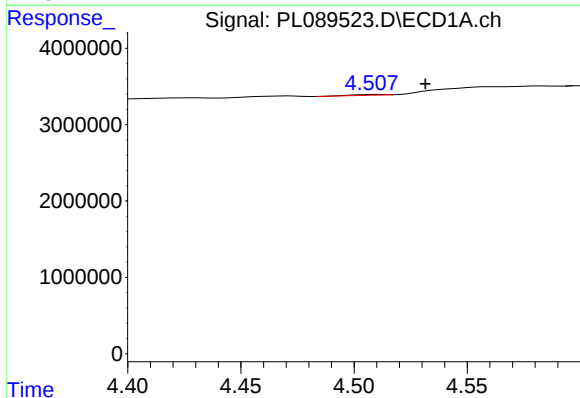
R.T.: 5.269 min  
Delta R.T.: 0.000 min  
Response: 1770925  
Conc: 0.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



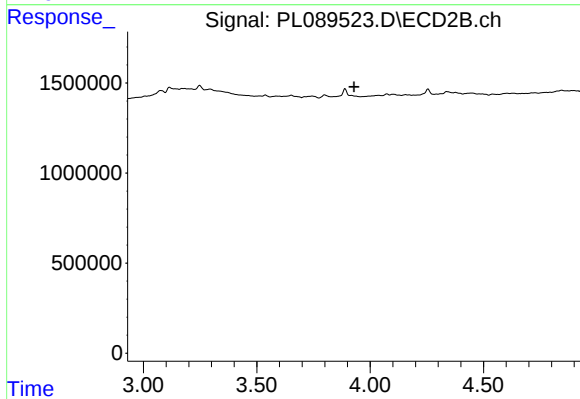
#5 Aldrin

R.T.: 4.255 min  
Delta R.T.: 0.000 min  
Response: 487858  
Conc: 0.28 ng/ml



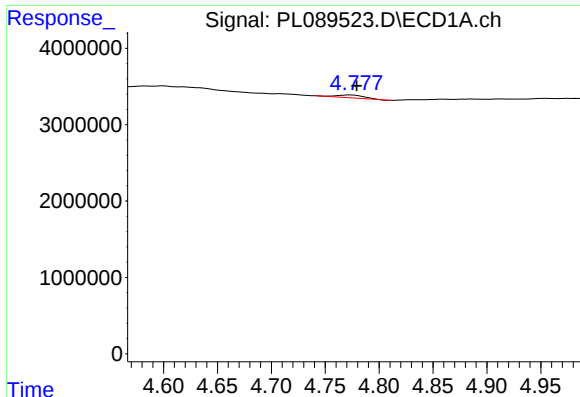
#6 beta-BHC

R.T.: 4.510 min  
Delta R.T.: -0.022 min  
Response: 94723  
Conc: 0.08 ng/ml



#6 beta-BHC

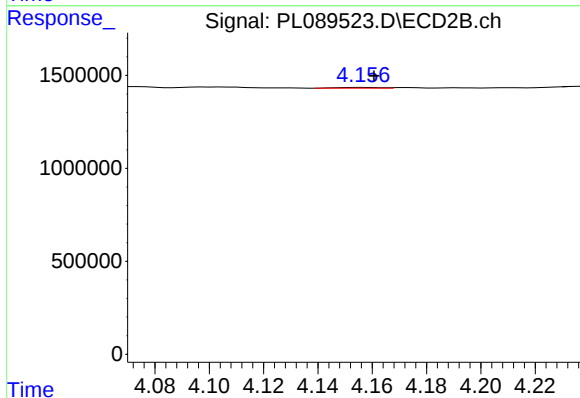
R.T.: 0.000 min  
Exp R.T. : 3.929 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

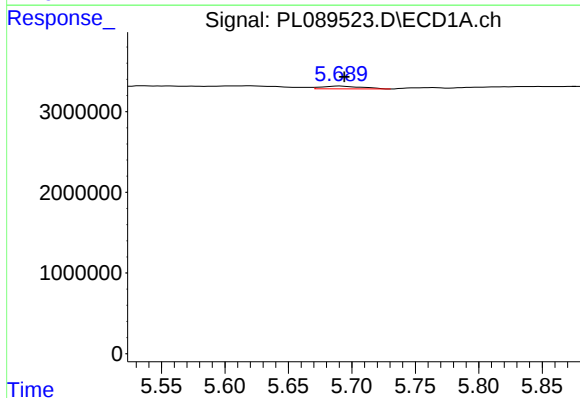
R.T.: 4.774 min  
Delta R.T.: -0.005 min  
Response: 681544  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



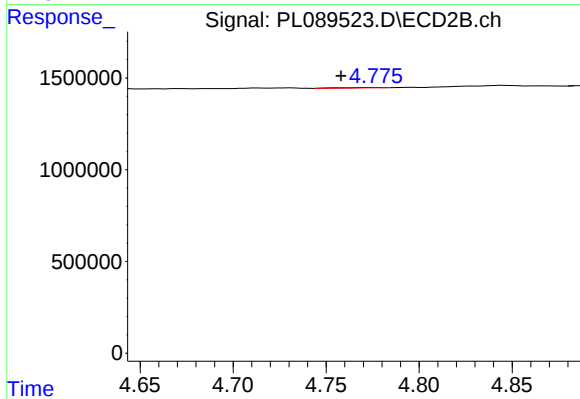
#7 delta-BHC

R.T.: 4.157 min  
Delta R.T.: -0.004 min  
Response: 46416  
Conc: 0.03 ng/ml



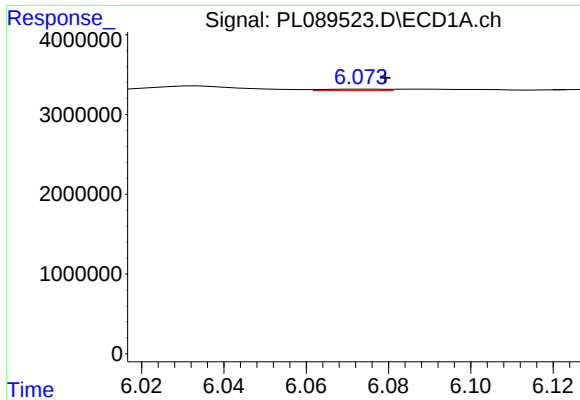
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: -0.003 min  
Response: 723507  
Conc: 0.31 ng/ml



#8 Heptachlor epoxide

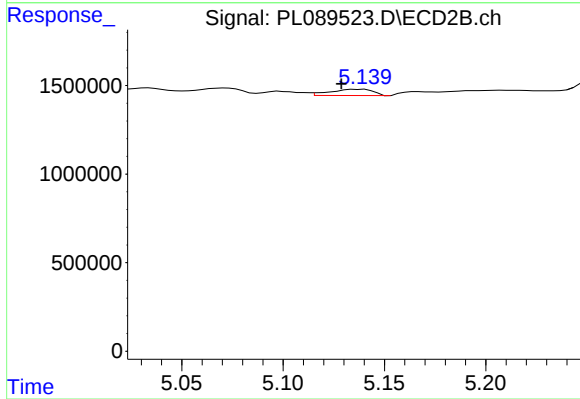
R.T.: 4.776 min  
Delta R.T.: 0.018 min  
Response: 36972  
Conc: 0.02 ng/ml



#9 Endosulfan I

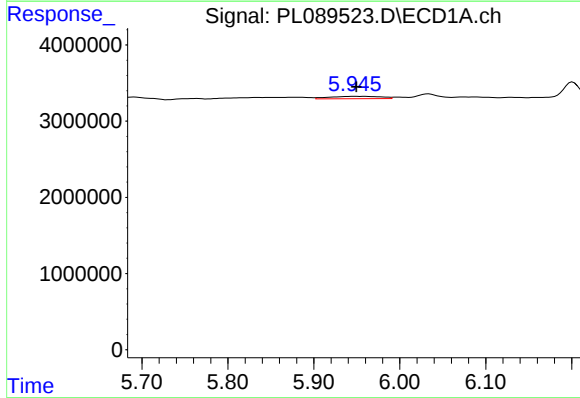
R.T.: 6.074 min  
Delta R.T.: -0.005 min  
Response: 164649  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



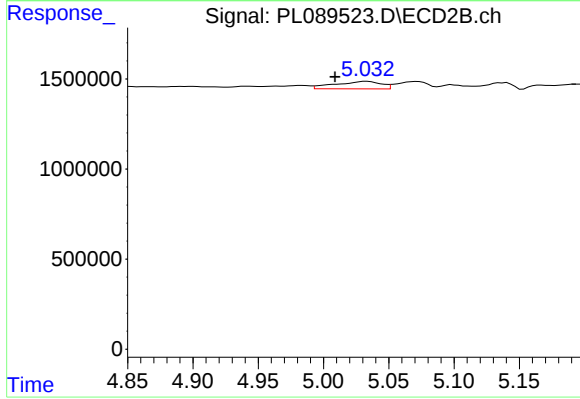
#9 Endosulfan I

R.T.: 5.139 min  
Delta R.T.: 0.010 min  
Response: 526033  
Conc: 0.35 ng/ml



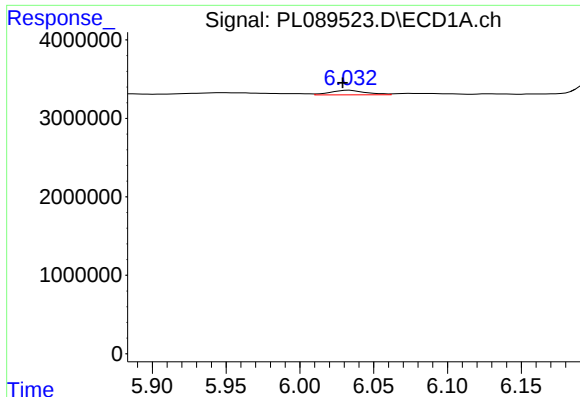
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: -0.001 min  
Response: 1324426  
Conc: 0.58 ng/ml



#10 gamma-Chlordane

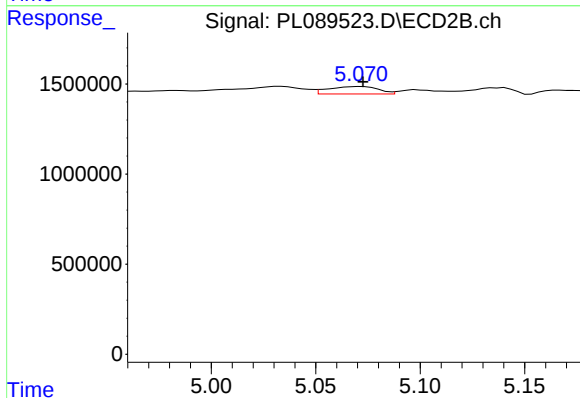
R.T.: 5.033 min  
Delta R.T.: 0.024 min  
Response: 1007489  
Conc: 0.61 ng/ml



#11 alpha-Chlordane

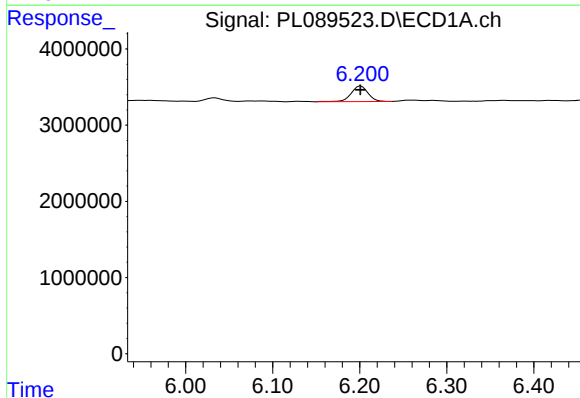
R.T.: 6.034 min  
Delta R.T.: 0.004 min  
Response: 999143  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



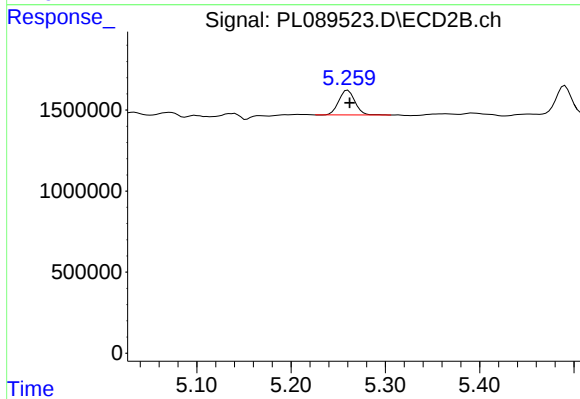
#11 alpha-Chlordane

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 687761  
Conc: 0.42 ng/ml



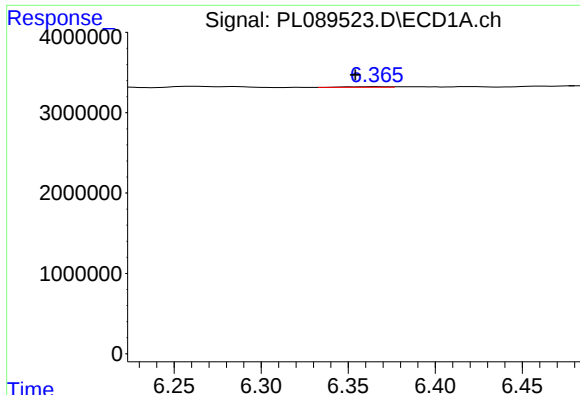
#12 4,4'-DDE

R.T.: 6.201 min  
Delta R.T.: 0.000 min  
Response: 2767849  
Conc: 1.37 ng/ml



#12 4,4'-DDE

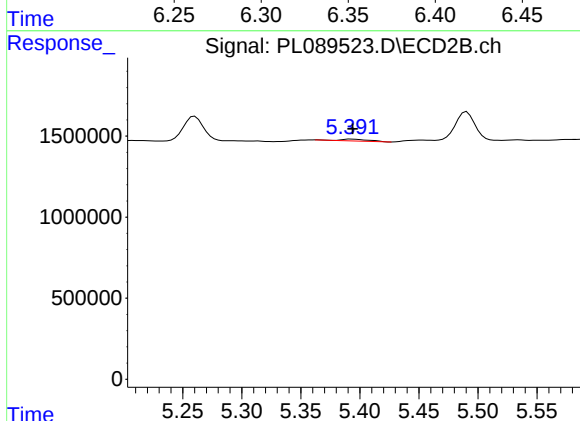
R.T.: 5.260 min  
Delta R.T.: -0.002 min  
Response: 1820317  
Conc: 1.25 ng/ml



#13 Dieldrin

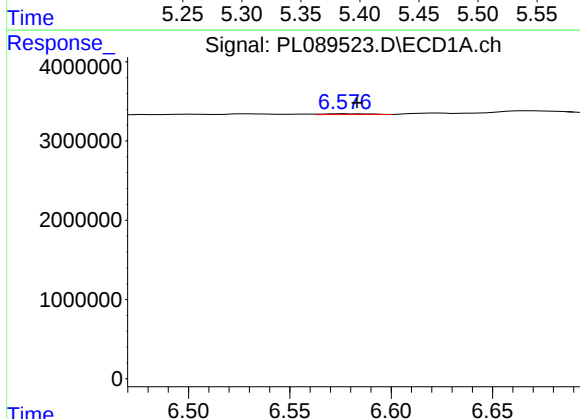
R.T.: 6.366 min  
Delta R.T.: 0.012 min  
Response: 124886  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



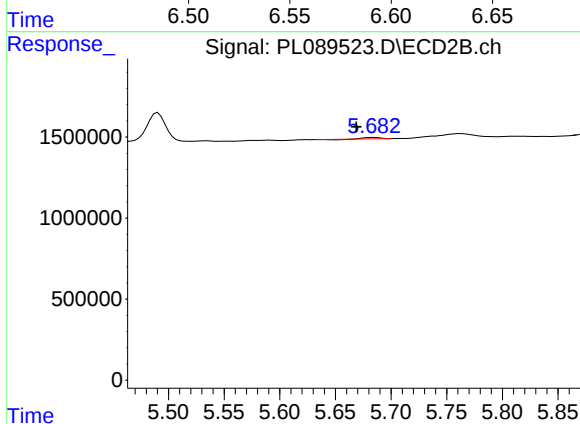
#13 Dieldrin

R.T.: 5.393 min  
Delta R.T.: 0.000 min  
Response: 181403  
Conc: 0.11 ng/ml



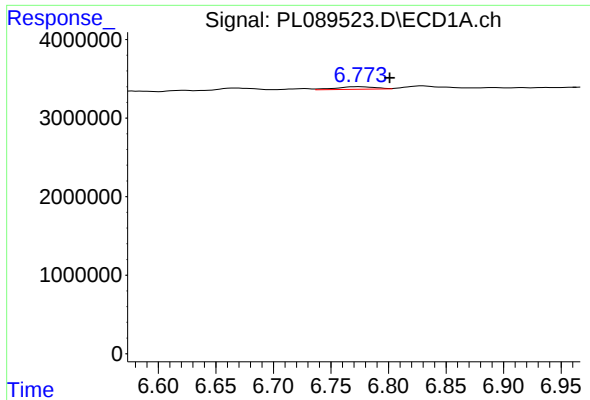
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: -0.006 min  
Response: 159545  
Conc: 0.08 ng/ml



#14 Endrin

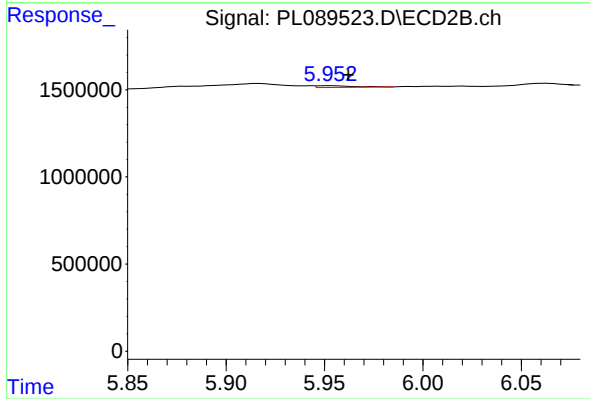
R.T.: 5.684 min  
Delta R.T.: 0.015 min  
Response: 75642  
Conc: 0.05 ng/ml



#15 Endosulfan II

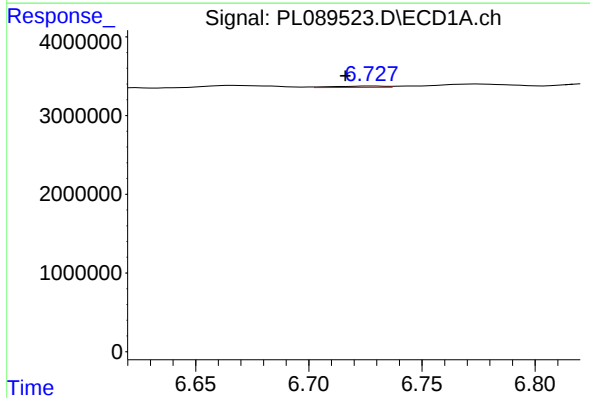
R.T.: 6.775 min  
Delta R.T.: -0.026 min  
Response: 817180  
Conc: 0.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



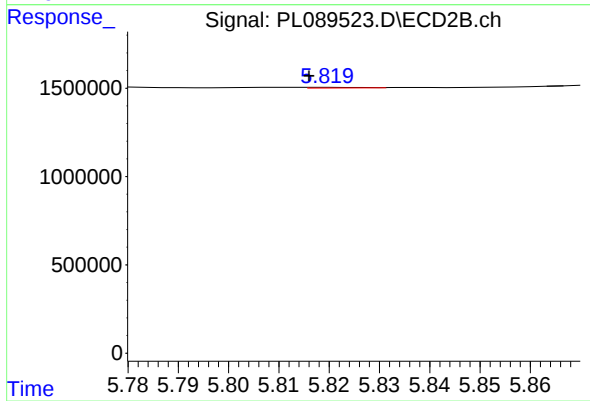
#15 Endosulfan II

R.T.: 5.953 min  
Delta R.T.: -0.009 min  
Response: 122467  
Conc: 0.09 ng/ml



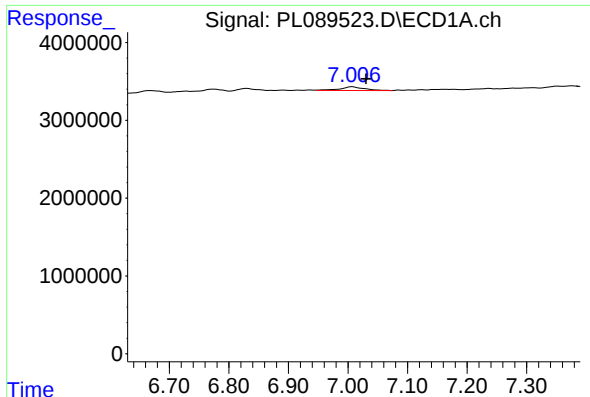
#16 4,4'-DDD

R.T.: 6.728 min  
Delta R.T.: 0.012 min  
Response: 271955  
Conc: 0.16 ng/ml



#16 4,4'-DDD

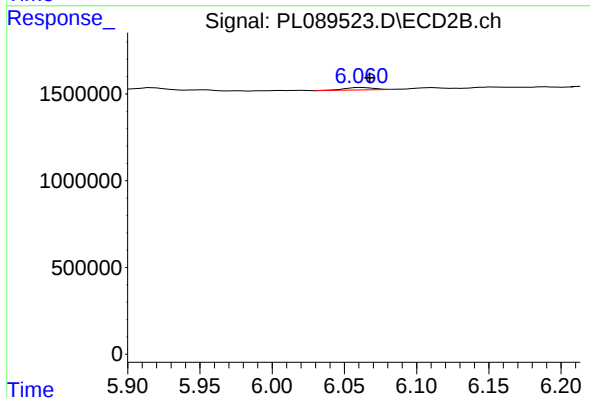
R.T.: 5.820 min  
Delta R.T.: 0.004 min  
Response: 27219  
Conc: 0.02 ng/ml



#17 4,4'-DDT

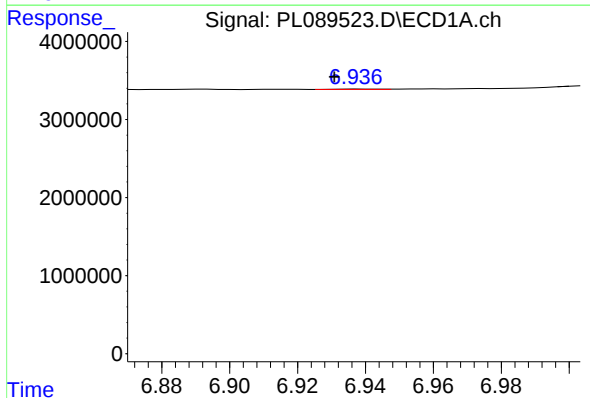
R.T.: 7.007 min  
Delta R.T.: -0.023 min  
Response: 1335139  
Conc: 0.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



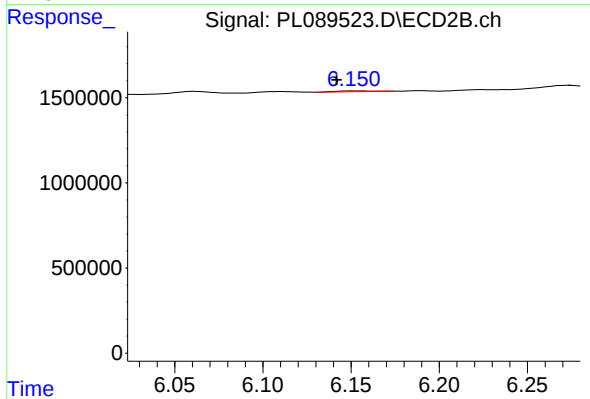
#17 4,4'-DDT

R.T.: 6.062 min  
Delta R.T.: -0.006 min  
Response: 191568  
Conc: 0.14 ng/ml



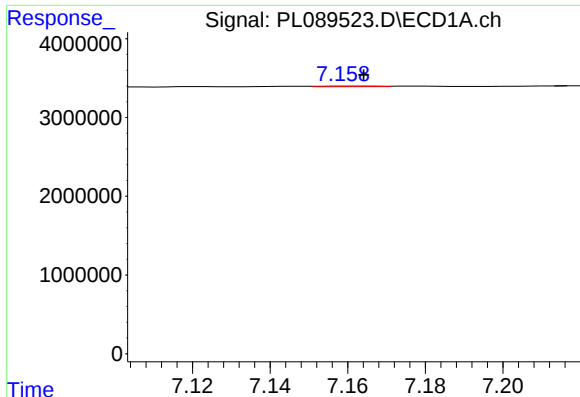
#18 Endrin aldehyde

R.T.: 6.938 min  
Delta R.T.: 0.007 min  
Response: 42777  
Conc: 0.03 ng/ml



#18 Endrin aldehyde

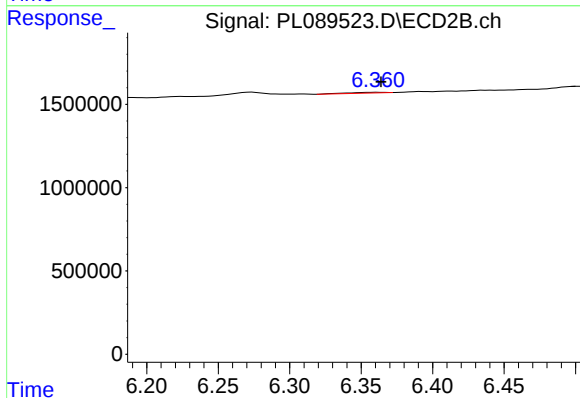
R.T.: 6.153 min  
Delta R.T.: 0.011 min  
Response: 61282  
Conc: 0.06 ng/ml



#19 Endosulfan Sulfate

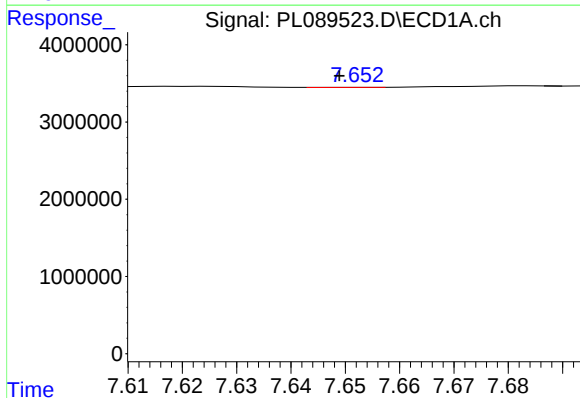
R.T.: 7.164 min  
Delta R.T.: 0.000 min  
Response: 76696  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



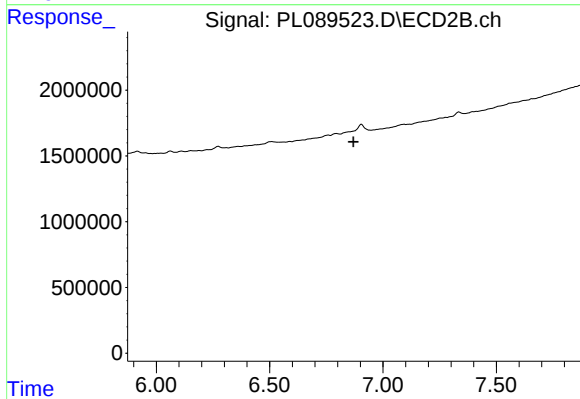
#19 Endosulfan Sulfate

R.T.: 6.361 min  
Delta R.T.: -0.003 min  
Response: 80964  
Conc: 0.06 ng/ml



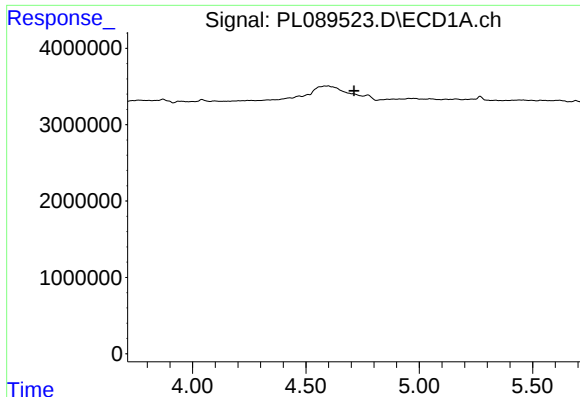
#21 Endrin ketone

R.T.: 7.652 min  
Delta R.T.: 0.003 min  
Response: 8359  
Conc: 0.00 ng/ml



#21 Endrin ketone

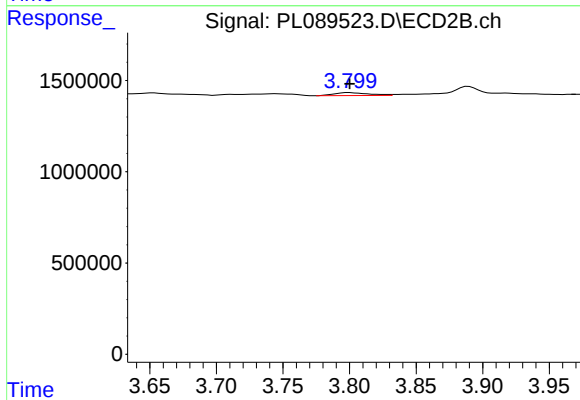
R.T.: 0.000 min  
Exp R.T.: 6.871 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

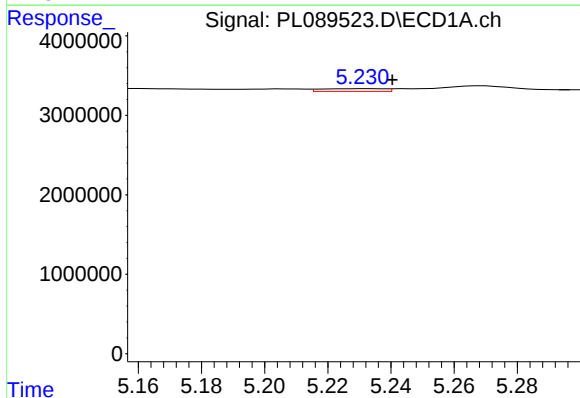
R.T.: 0.000 min  
Exp R.T.: 4.713 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



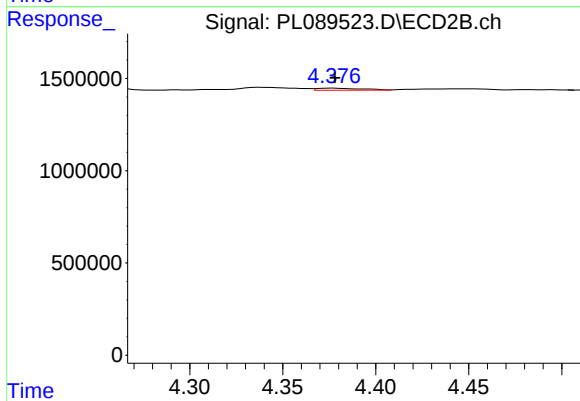
#23 Chlordane-1

R.T.: 3.800 min  
Delta R.T.: 0.000 min  
Response: 289794  
Conc: 5.89 ng/ml



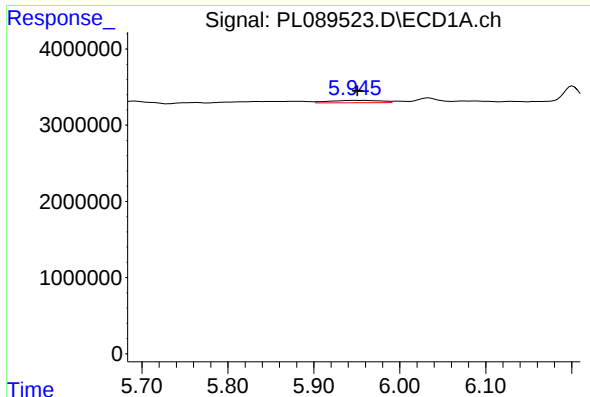
#24 Chlordane-2

R.T.: 5.232 min  
Delta R.T.: -0.009 min  
Response: 478803  
Conc: 4.56 ng/ml



#24 Chlordane-2

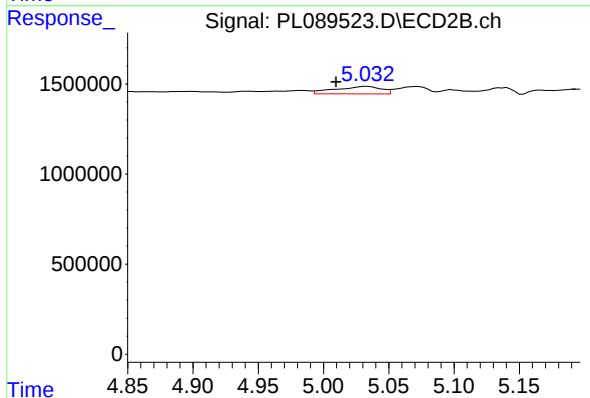
R.T.: 4.377 min  
Delta R.T.: 0.000 min  
Response: 197240  
Conc: 3.10 ng/ml



#25 Chlordane-3

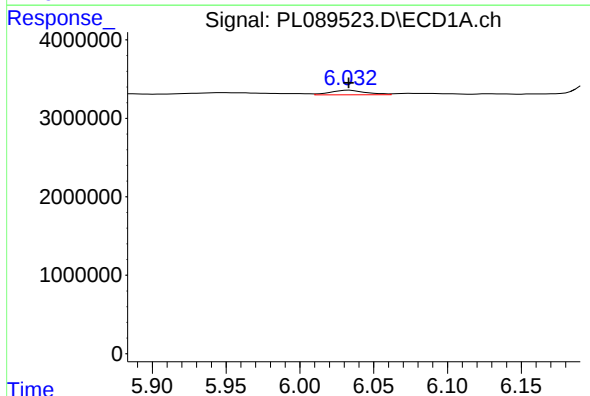
R.T.: 5.948 min  
Delta R.T.: -0.003 min  
Response: 1324426  
Conc: 4.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



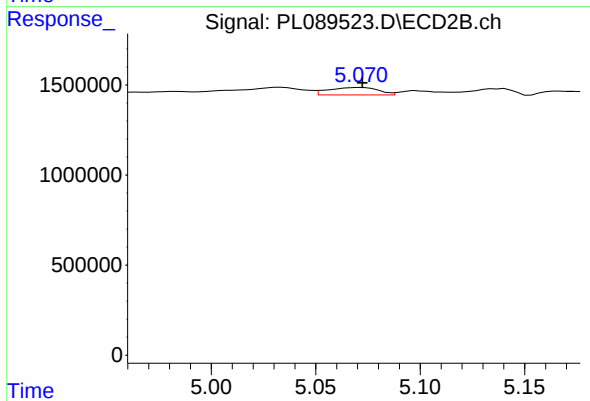
#25 Chlordane-3

R.T.: 5.033 min  
Delta R.T.: 0.024 min  
Response: 1007489  
Conc: 5.88 ng/ml



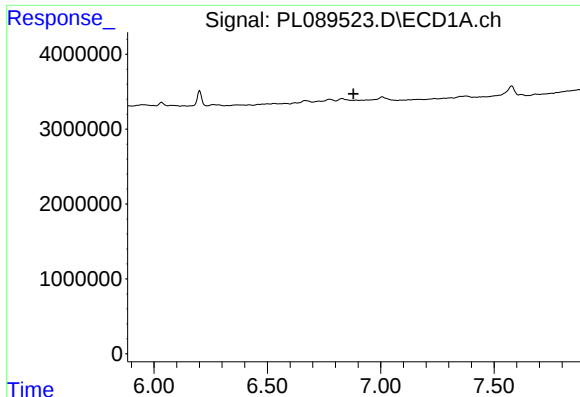
#26 Chlordane-4

R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 999143  
Conc: 2.45 ng/ml



#26 Chlordane-4

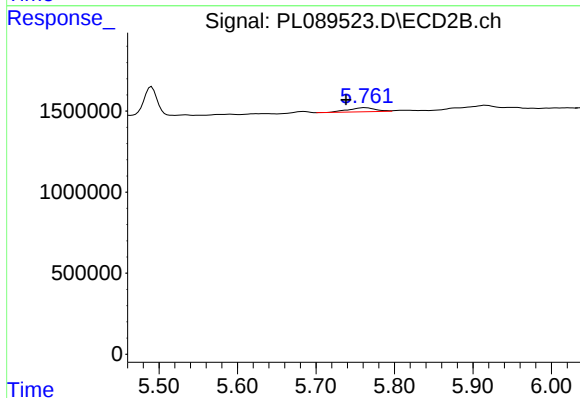
R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 687761  
Conc: 4.28 ng/ml



#27 Chlordane-5

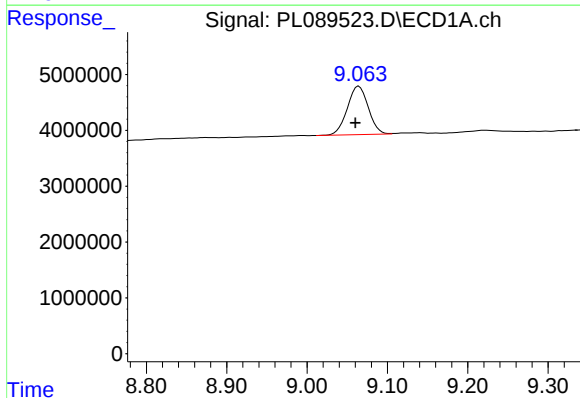
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HD-02-051324



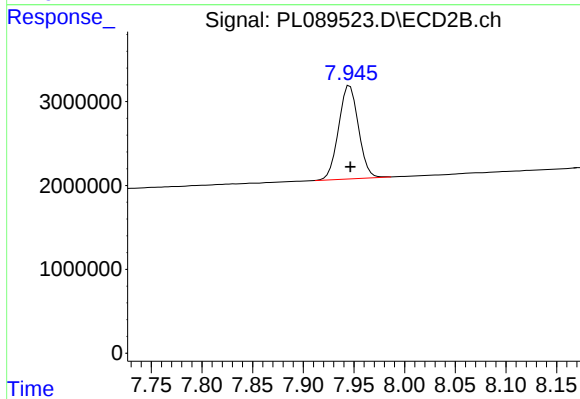
#27 Chlordane-5

R.T.: 5.763 min  
Delta R.T.: 0.025 min  
Response: 634292  
Conc: 12.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: 0.004 min  
Response: 15691040  
Conc: 11.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.946 min  
Delta R.T.: 0.000 min  
Response: 15122607  
Conc: 11.24 ng/ml