

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091224\  
 Data File : PD085032.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Sep 2024 10:58  
 Operator : AR\AJ  
 Sample : P3878-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 DDCJ0RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 01:44:09 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082524CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 27 02:47:48 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

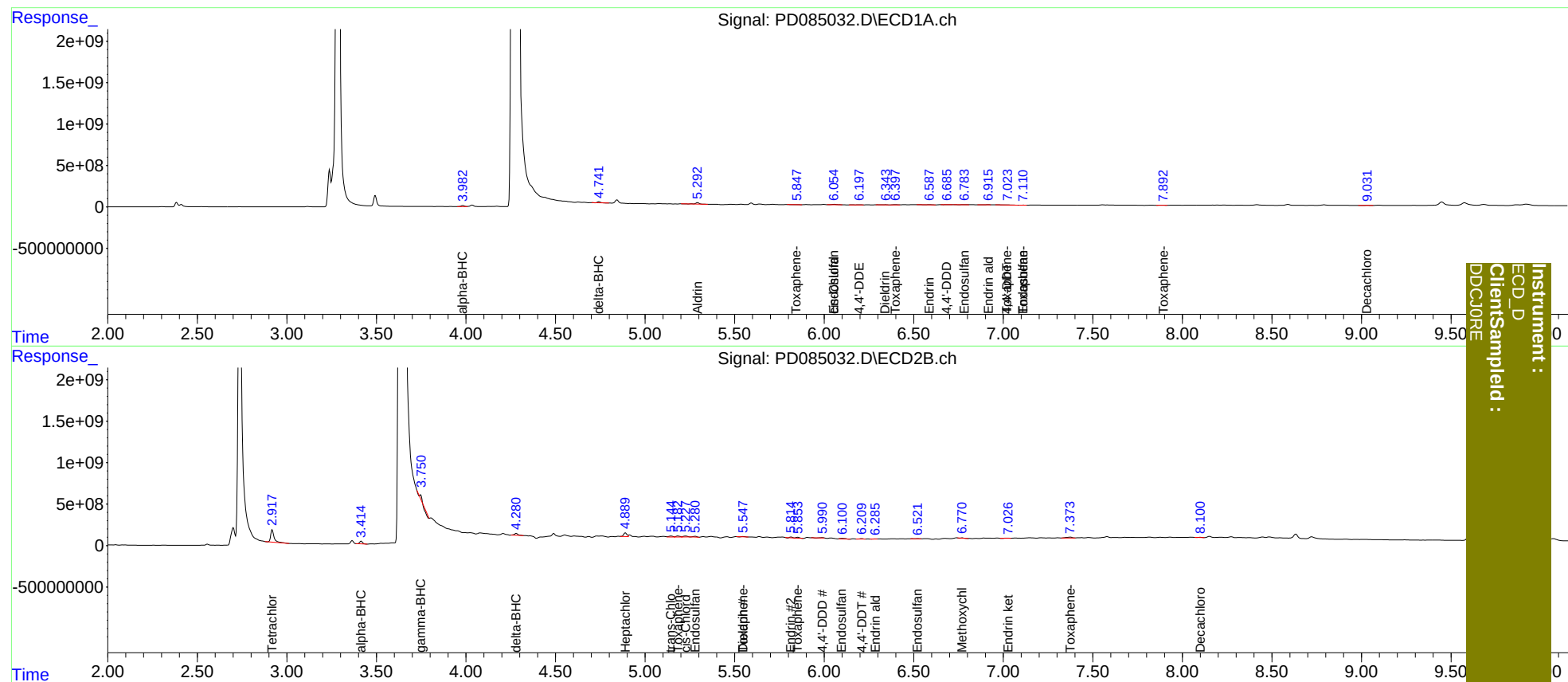
|                             | Compound        | RT#1   | RT#2   | Resp#1    | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|-----------|----------|----------|------------|
| -----                       |                 |        |        |           |          |          |            |
| System Monitoring Compounds |                 |        |        |           |          |          |            |
| 1)                          | SA Tetrachlo... | 0.000  | 2.918  | 0         | 2013.0E6 | N.D.     | 568.822    |
| 27)                         | SA Decachlor... | 9.032  | 8.100  | 16785468  | 26147926 | 12.852   | 7.520 #    |
| Target Compounds            |                 |        |        |           |          |          |            |
| 2)                          | A alpha-BHC     | 3.983  | 3.415  | 138.6E6   | 356.0E6  | 81.500   | 70.216     |
| 3)                          | MA gamma-BHC... | 0.000  | 3.747  | 0         | 131.2E6  | N.D.     | 27.066     |
| 5)                          | MB Aldrin       | 5.293f | 0.000  | 260.7E6   | 0        | 162.990  | N.D. #     |
| 7)                          | B delta-BHC     | 4.743  | 4.281  | 112.5E6   | 336.8E6  | 68.569   | 67.843     |
| 8)                          | B Heptachlo...  | 0.000  | 4.890  | 0         | 558.3E6  | N.D.     | 131.829    |
| 9)                          | A Endosulfan I  | 6.056  | 5.281  | 75249863  | 135.4E6  | 54.695   | 35.313 #   |
| 10)                         | B trans-Chl...  | 5.953  | 5.146  | -13794655 | 176.8E6  | N.D.     | 42.978     |
| 11)                         | B cis-Chlor...  | 6.056f | 5.228  | 75249863  | 168.4E6  | 50.894   | 40.143     |
| 12)                         | B 4,4'-DDE      | 6.197  | 0.000  | 31858478  | 0        | 25.539   | N.D. #     |
| 13)                         | MA Dieldrin     | 6.340  | 5.547  | 44476146  | 22664347 | 30.151   | 5.275 #    |
| 14)                         | MA Endrin       | 6.588f | 5.815  | 38735664  | 57519068 | 34.329   | 15.536 #   |
| 15)                         | B Endosulfa...  | 6.784  | 6.099  | 33146052  | 128.7E6  | 25.110   | 34.725 #   |
| 16)                         | A 4,4'-DDD      | 6.687  | 5.991  | 4169595   | 6507902  | 4.223    | 1.918 #    |
| 17)                         | MA 4,4'-DDT     | 7.019  | 6.210  | 18710735  | 49767799 | 20.903   | 15.558 #   |
| 18)                         | B Endrin al...  | 6.916  | 6.287  | 34904308  | 15289683 | 38.649   | 5.355 #    |
| 19)                         | B Endosulfa...  | 7.113  | 6.523  | 12972382  | 5676693  | 11.261   | 1.589 #    |
| 20)                         | A Methoxychlor  | 0.000  | 6.771  | 0         | 20299400 | N.D.     | 12.271     |
| 21)                         | B Endrin ke...  | 0.000  | 7.027  | 0         | 6752474  | N.D.     | 1.534      |
| 22)                         | Toxaphene-1     | 5.846  | 5.184  | 781696    | 182.2E6  | 185.461  | 7188.111 # |
| 23)                         | Toxaphene-2     | 6.399  | 5.547f | 54577170  | 22664347 | 3710.618 | 916.962 #  |
| 24)                         | Toxaphene-3     | 7.019  | 5.853  | 18710735  | 152.0E6  | 546.115  | 6441.834 # |
| 25)                         | Toxaphene-4     | 7.113  | 0.000  | 12972382  | 0        | 504.149  | N.D. #     |
| 26)                         | Toxaphene-5     | 7.890  | 7.374  | 26060094  | 232.7E6  | 1383.293 | 5656.907 # |
| -----                       |                 |        |        |           |          |          |            |

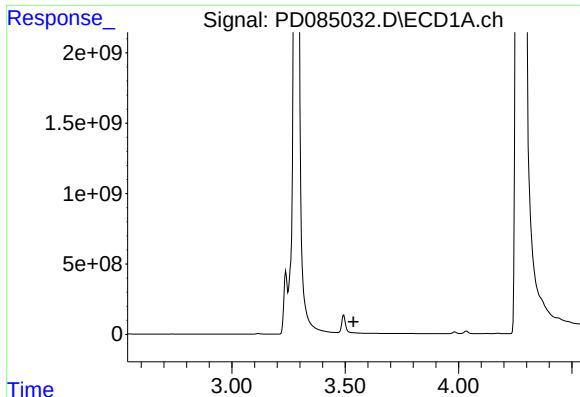
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091224\  
Data File : PD085032.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Sep 2024 10:58  
Operator : AR\AJ  
Sample : P3878-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 01:44:09 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082524CLP.M  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

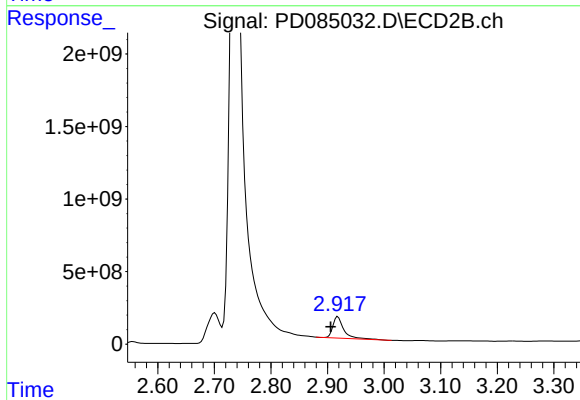




#1 Tetrachloro-m-xylene

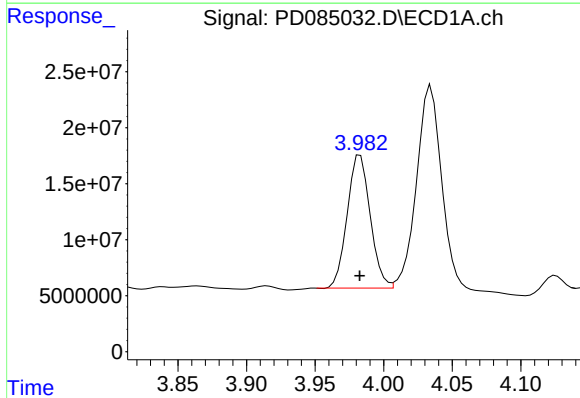
R.T.: 0.000 min  
Exp R.T.: 3.537 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE



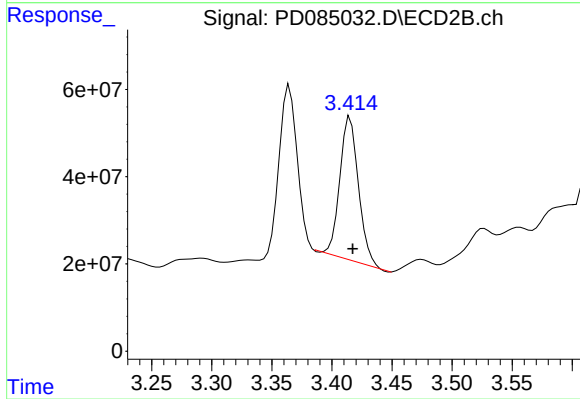
#1 Tetrachloro-m-xylene

R.T.: 2.918 min  
Delta R.T.: 0.013 min  
Response: 2012954164  
Conc: 568.82 ng/ml



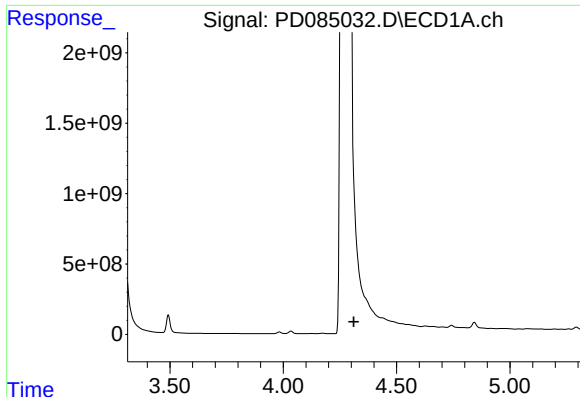
#2 alpha-BHC

R.T.: 3.983 min  
Delta R.T.: 0.000 min  
Response: 138562330  
Conc: 81.50 ng/ml



#2 alpha-BHC

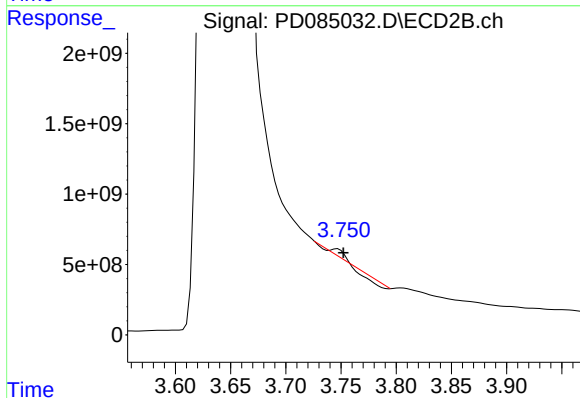
R.T.: 3.415 min  
Delta R.T.: -0.002 min  
Response: 356012885  
Conc: 70.22 ng/ml



#3 gamma-BHC (Lindane)

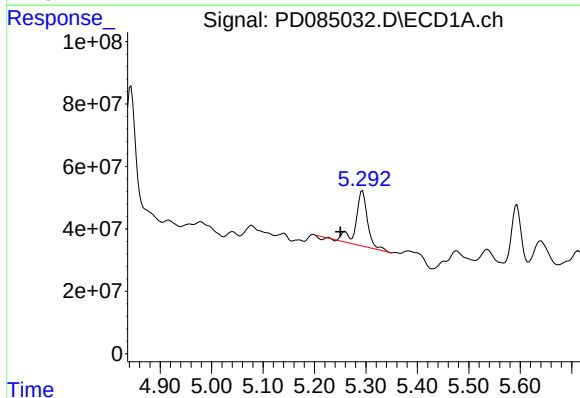
R.T.: 0.000 min  
Exp R.T.: 4.311 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE



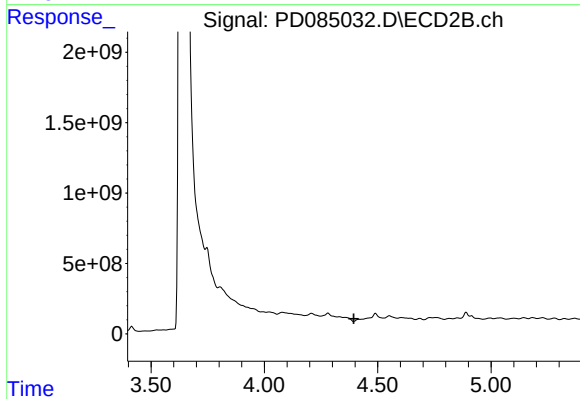
#3 gamma-BHC (Lindane)

R.T.: 3.747 min  
Delta R.T.: -0.005 min  
Response: 131154398  
Conc: 27.07 ng/ml



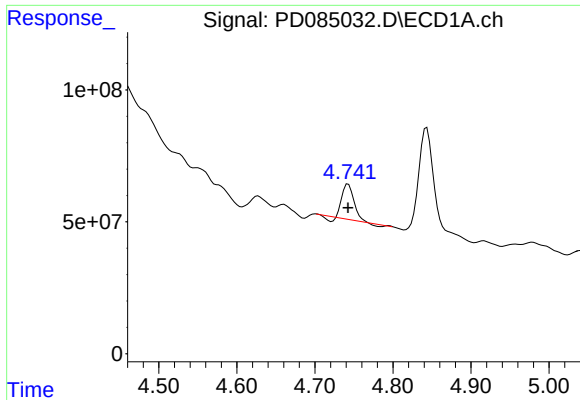
#5 Aldrin

R.T.: 5.293 min  
Delta R.T.: 0.043 min  
Response: 260678522  
Conc: 162.99 ng/ml



#5 Aldrin

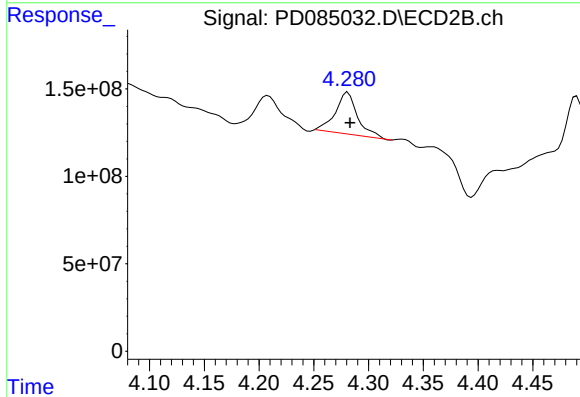
R.T.: 0.000 min  
Exp R.T.: 4.394 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

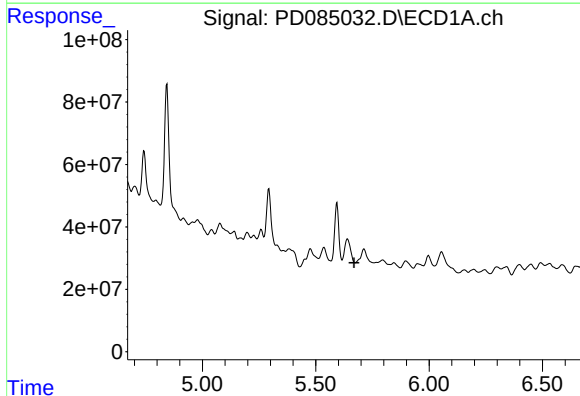
R.T.: 4.743 min  
Delta R.T.: 0.000 min  
Response: 112453760  
Conc: 68.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE



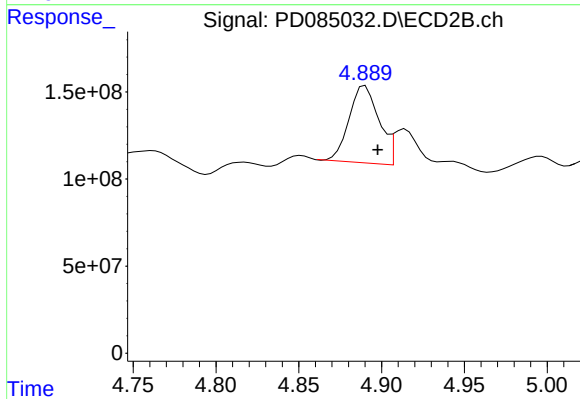
#7 delta-BHC

R.T.: 4.281 min  
Delta R.T.: -0.002 min  
Response: 336783106  
Conc: 67.84 ng/ml



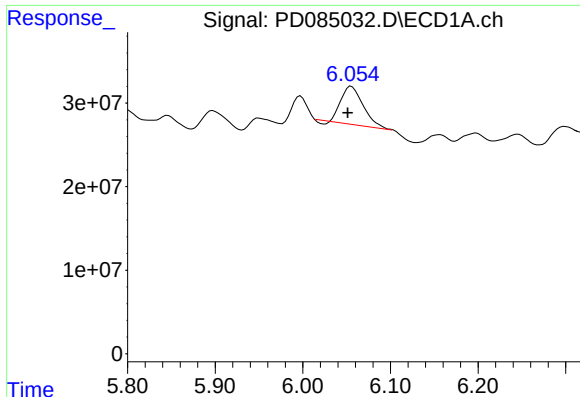
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.670 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

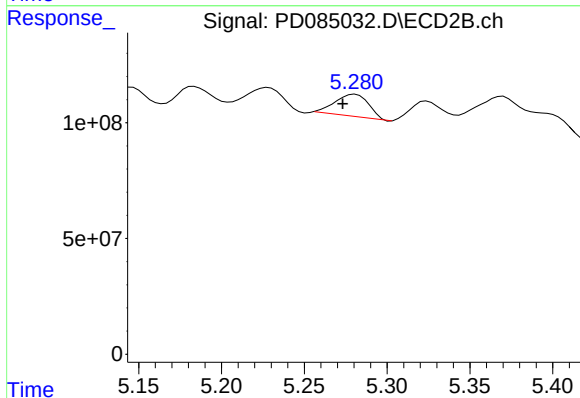
R.T.: 4.890 min  
Delta R.T.: -0.008 min  
Response: 558338116  
Conc: 131.83 ng/ml



#9 Endosulfan I

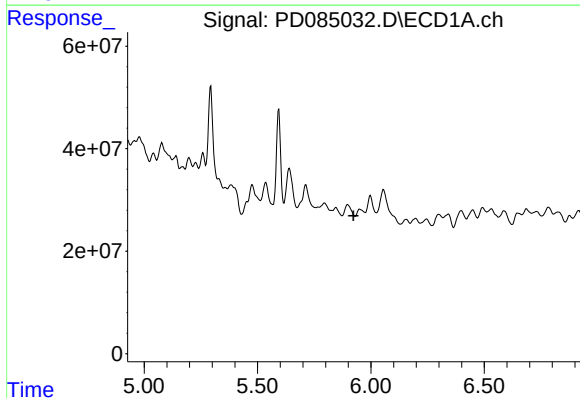
R.T.: 6.056 min  
Delta R.T.: 0.004 min  
Response: 75249863  
Conc: 54.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE



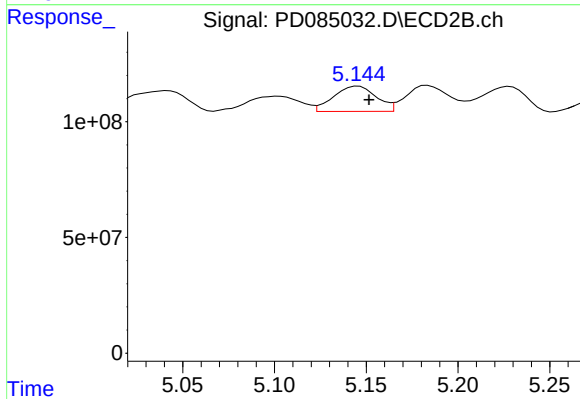
#9 Endosulfan I

R.T.: 5.281 min  
Delta R.T.: 0.007 min  
Response: 135364787  
Conc: 35.31 ng/ml



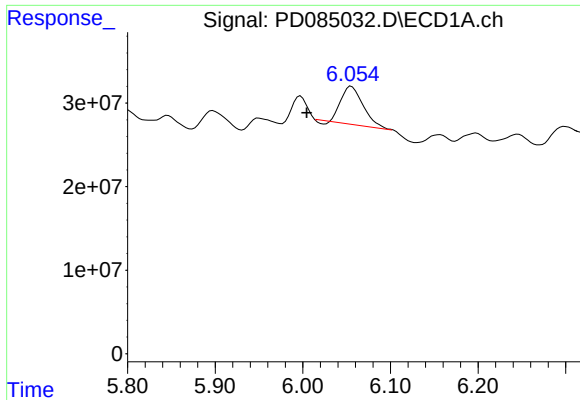
#10 trans-Chlordane

R.T.: 5.953 min  
Delta R.T.: 0.029 min  
Response: -13794655  
Conc: N.D.



#10 trans-Chlordane

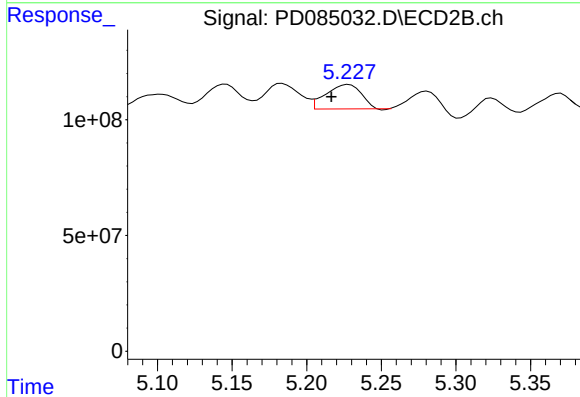
R.T.: 5.146 min  
Delta R.T.: -0.006 min  
Response: 176775762  
Conc: 42.98 ng/ml



#11 cis-Chlordane

R.T.: 6.056 min  
Delta R.T.: 0.051 min  
Response: 75249863  
Conc: 50.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE

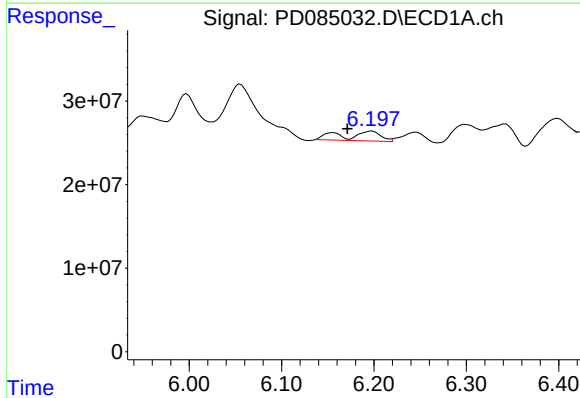


#11 cis-Chlordane

R.T.: 5.228 min  
Delta R.T.: 0.011 min  
Response: 168424083  
Conc: 40.14 ng/ml

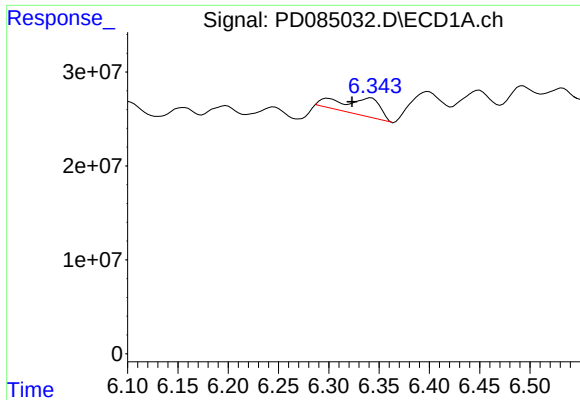
#12 4,4'-DDE

R.T.: 6.197 min  
Delta R.T.: 0.025 min  
Response: 31858478  
Conc: 25.54 ng/ml



#12 4,4'-DDE

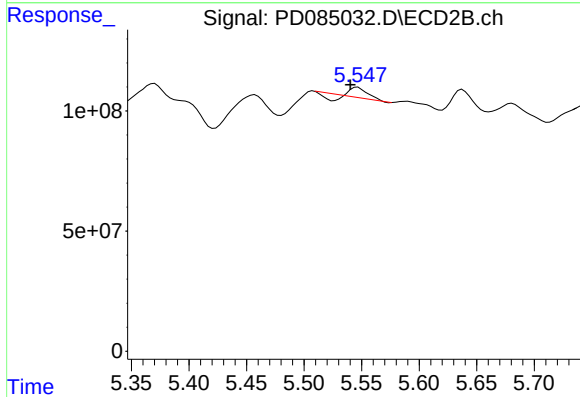
R.T.: 0.000 min  
Exp R.T.: 5.402 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

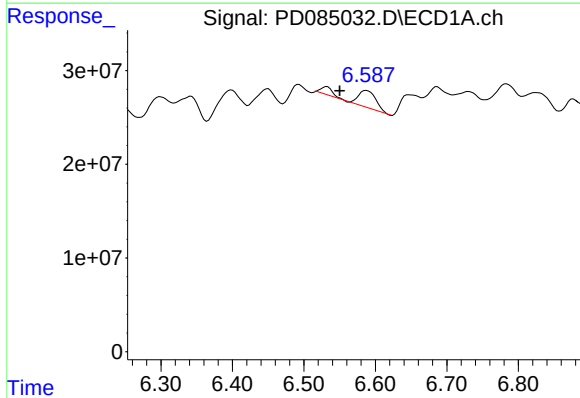
R.T.: 6.340 min  
Delta R.T.: 0.017 min  
Response: 44476146  
Conc: 30.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE



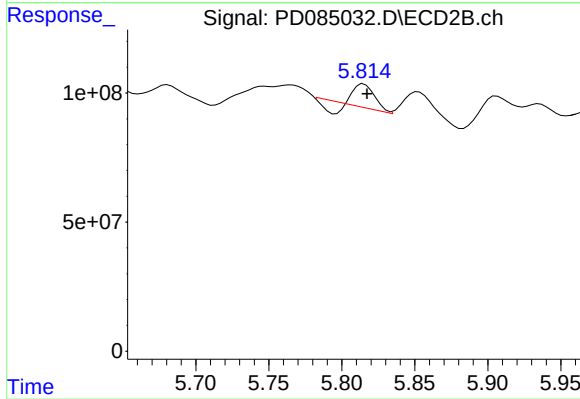
#13 Dieldrin

R.T.: 5.547 min  
Delta R.T.: 0.006 min  
Response: 22664347  
Conc: 5.28 ng/ml



#14 Endrin

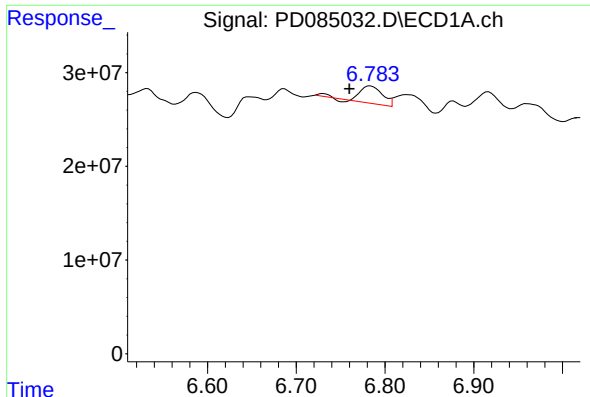
R.T.: 6.588 min  
Delta R.T.: 0.038 min  
Response: 38735664  
Conc: 34.33 ng/ml



#14 Endrin

R.T.: 5.815 min  
Delta R.T.: -0.002 min  
Response: 57519068  
Conc: 15.54 ng/ml

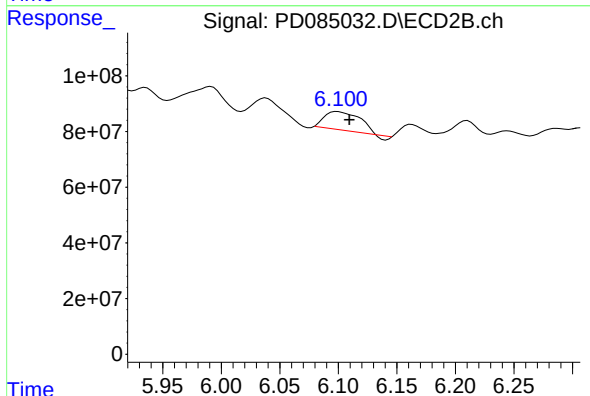




#15 Endosulfan II

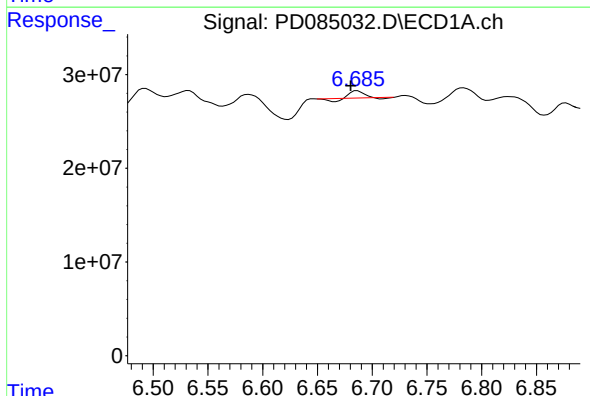
R.T.: 6.784 min  
Delta R.T.: 0.024 min  
Response: 33146052  
Conc: 25.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE



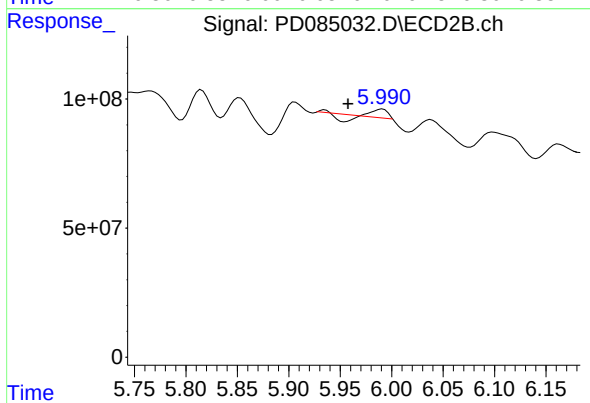
#15 Endosulfan II

R.T.: 6.099 min  
Delta R.T.: -0.010 min  
Response: 128749235  
Conc: 34.72 ng/ml



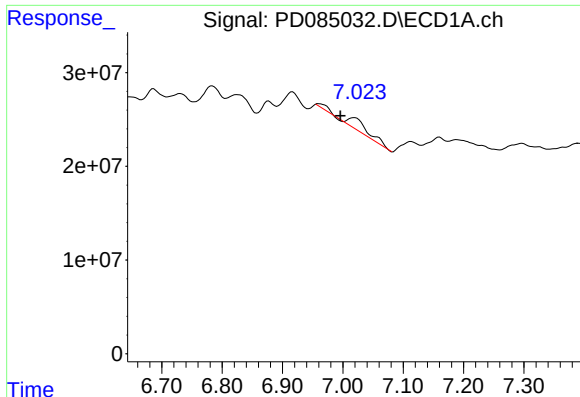
#16 4,4'-DDD

R.T.: 6.687 min  
Delta R.T.: 0.007 min  
Response: 4169595  
Conc: 4.22 ng/ml



#16 4,4'-DDD

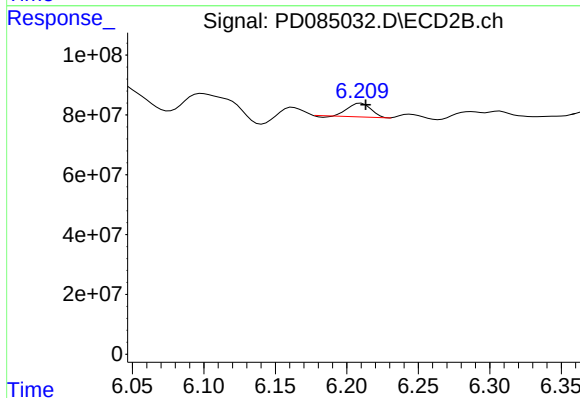
R.T.: 5.991 min  
Delta R.T.: 0.033 min  
Response: 6507902  
Conc: 1.92 ng/ml



#17 4,4'-DDT

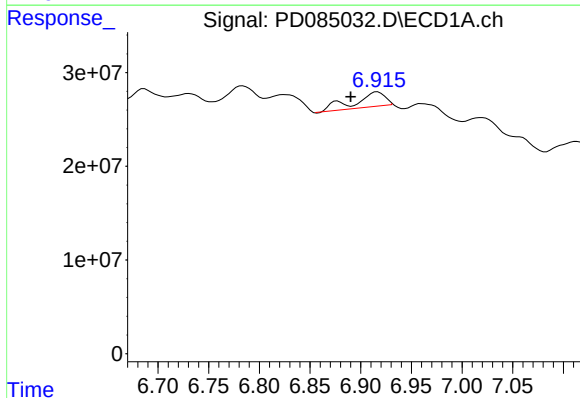
R.T.: 7.019 min  
Delta R.T.: 0.023 min  
Response: 18710735  
Conc: 20.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE



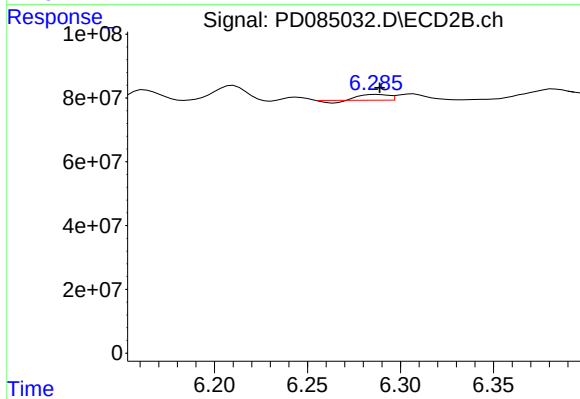
#17 4,4'-DDT

R.T.: 6.210 min  
Delta R.T.: -0.003 min  
Response: 49767799  
Conc: 15.56 ng/ml



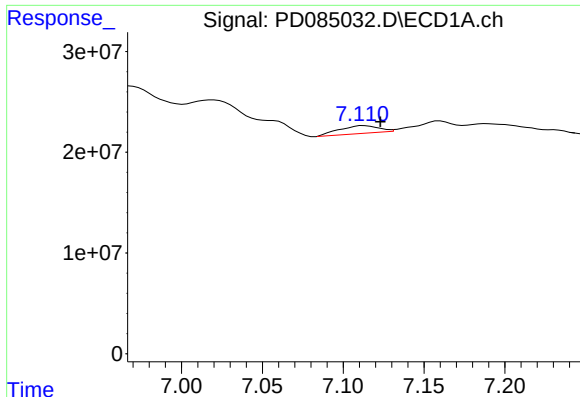
#18 Endrin aldehyde

R.T.: 6.916 min  
Delta R.T.: 0.026 min  
Response: 34904308  
Conc: 38.65 ng/ml



#18 Endrin aldehyde

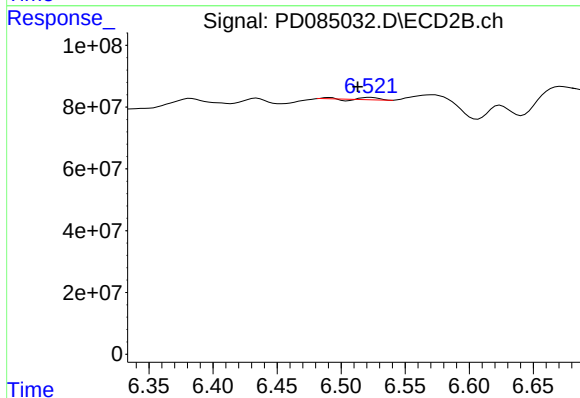
R.T.: 6.287 min  
Delta R.T.: -0.002 min  
Response: 15289683  
Conc: 5.36 ng/ml



#19 Endosulfan Sulfate

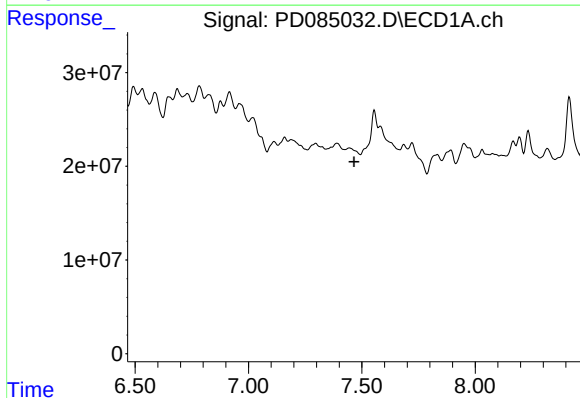
R.T.: 7.113 min  
Delta R.T.: -0.010 min  
Response: 12972382  
Conc: 11.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE



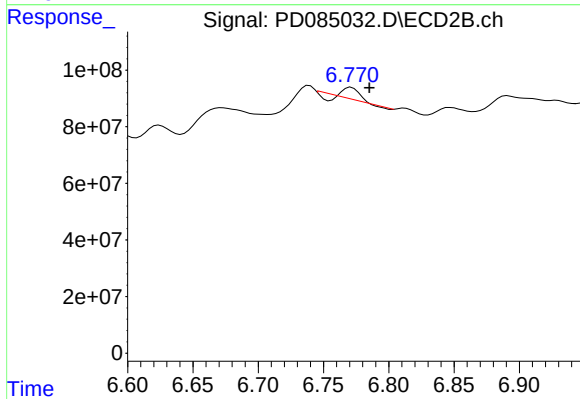
#19 Endosulfan Sulfate

R.T.: 6.523 min  
Delta R.T.: 0.010 min  
Response: 5676693  
Conc: 1.59 ng/ml



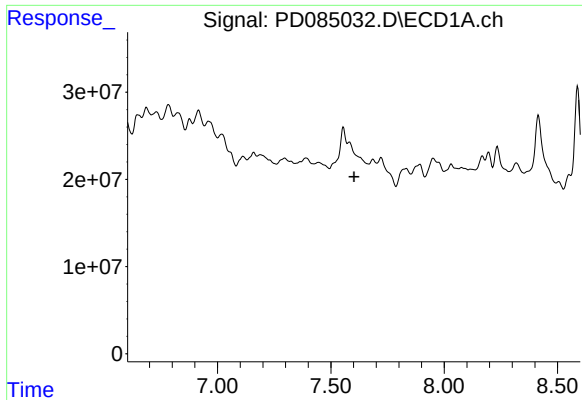
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.466 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

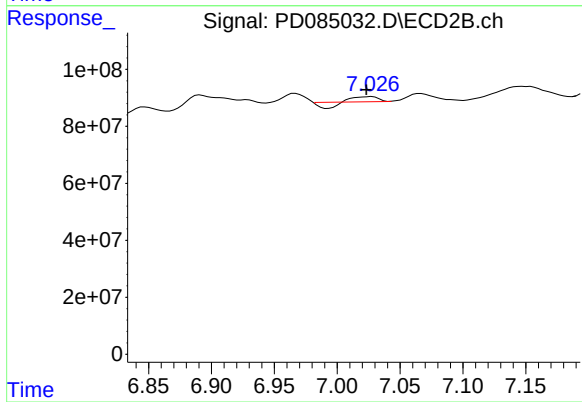
R.T.: 6.771 min  
Delta R.T.: -0.014 min  
Response: 20299400  
Conc: 12.27 ng/ml



#21 Endrin ketone

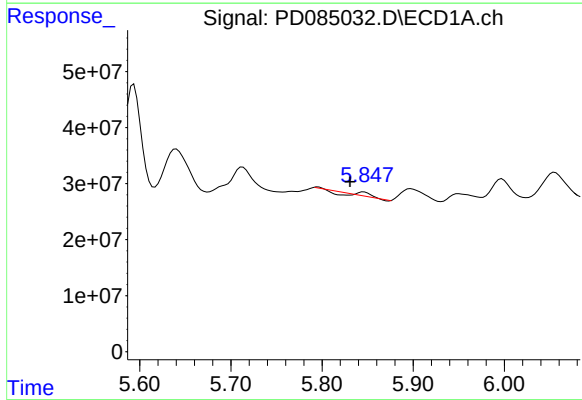
R.T.: 0.000 min  
Exp R.T.: 7.603 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE



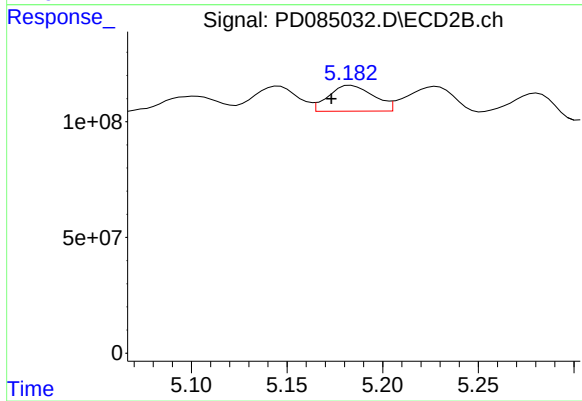
#21 Endrin ketone

R.T.: 7.027 min  
Delta R.T.: 0.003 min  
Response: 6752474  
Conc: 1.53 ng/ml



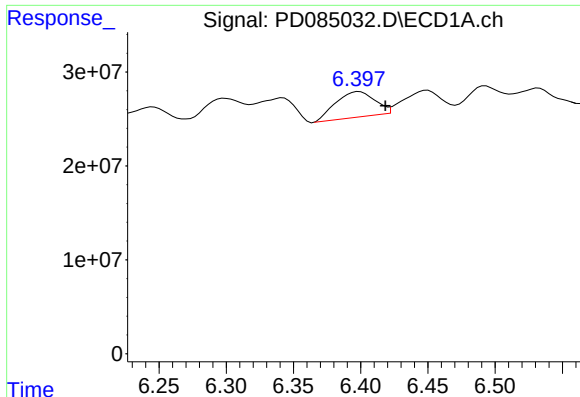
#22 Toxaphene-1

R.T.: 5.846 min  
Delta R.T.: 0.015 min  
Response: 781696  
Conc: 185.46 ng/ml



#22 Toxaphene-1

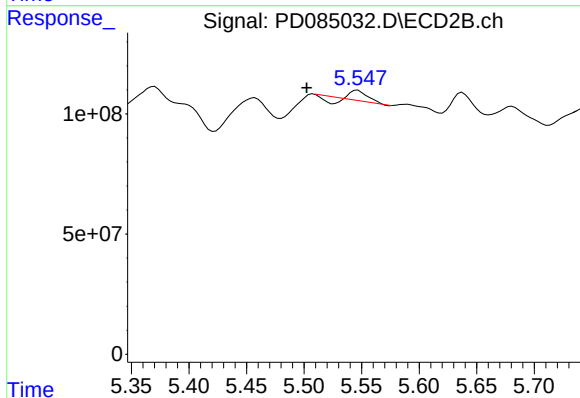
R.T.: 5.184 min  
Delta R.T.: 0.010 min  
Response: 182245539  
Conc: 7188.11 ng/ml



#23 Toxaphene-2

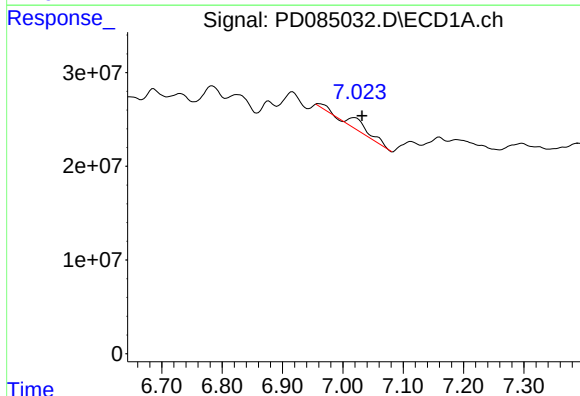
R.T.: 6.399 min  
Delta R.T.: -0.020 min  
Response: 54577170  
Conc: 3710.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE



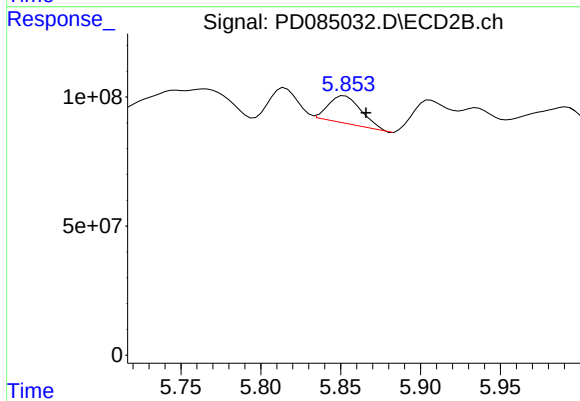
#23 Toxaphene-2

R.T.: 5.547 min  
Delta R.T.: 0.044 min  
Response: 22664347  
Conc: 916.96 ng/ml



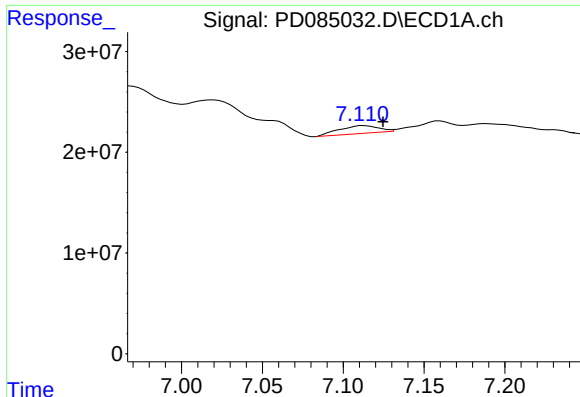
#24 Toxaphene-3

R.T.: 7.019 min  
Delta R.T.: -0.013 min  
Response: 18710735  
Conc: 546.11 ng/ml



#24 Toxaphene-3

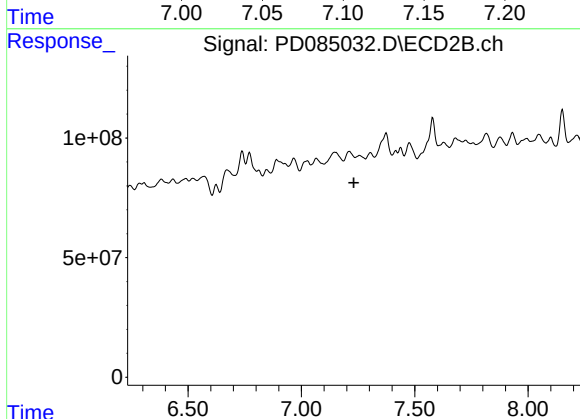
R.T.: 5.853 min  
Delta R.T.: -0.013 min  
Response: 152003862  
Conc: 6441.83 ng/ml



#25 Toxaphene-4

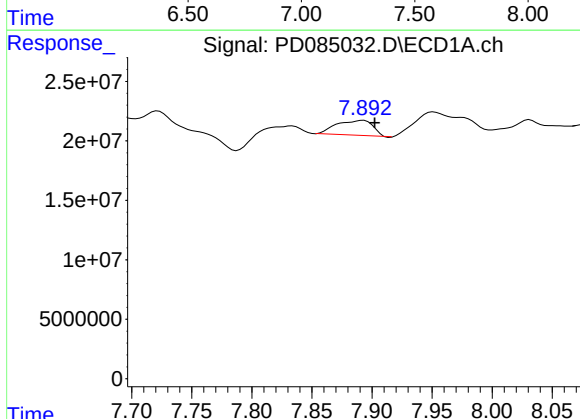
R.T.: 7.113 min  
Delta R.T.: -0.011 min  
Response: 12972382  
Conc: 504.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE



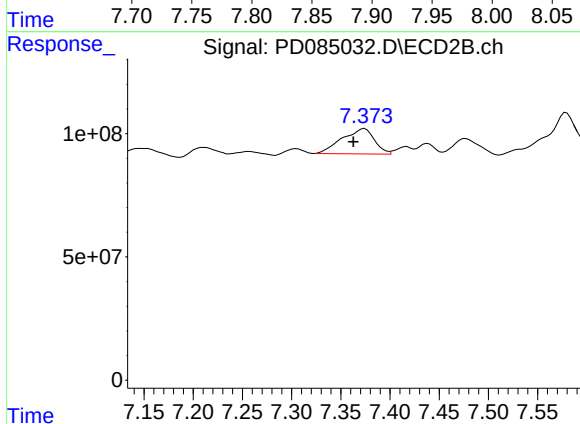
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T.: 7.232 min  
Response: 0  
Conc: N.D.



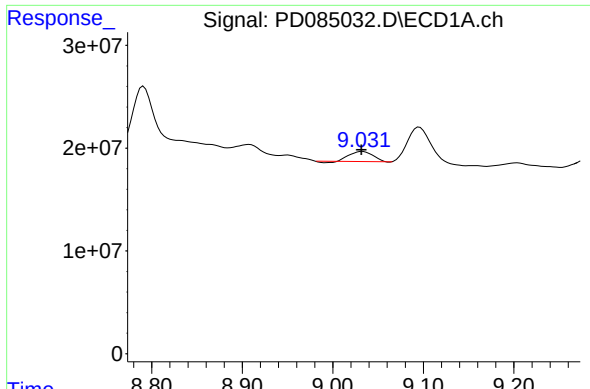
#26 Toxaphene-5

R.T.: 7.890 min  
Delta R.T.: -0.012 min  
Response: 26060094  
Conc: 1383.29 ng/ml



#26 Toxaphene-5

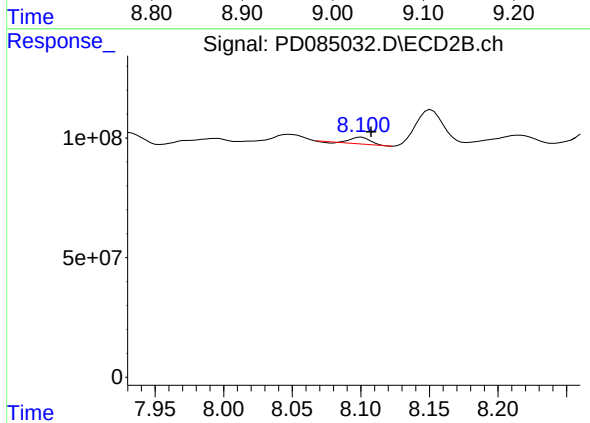
R.T.: 7.374 min  
Delta R.T.: 0.011 min  
Response: 232692620  
Conc: 5656.91 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.032 min  
Delta R.T.: 0.001 min  
Response: 16785468  
Conc: 12.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDCJ0RE



#27 Decachlorobiphenyl

R.T.: 8.100 min  
Delta R.T.: -0.007 min  
Response: 26147926  
Conc: 7.52 ng/ml