

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081224\  
 Data File : PD084309.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Aug 2024 18:21  
 Operator : AR\AJ  
 Sample : P3439-03MSD  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 DCVW9MSDRX

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 13 01:01:42 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081224CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 12 16:40:36 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

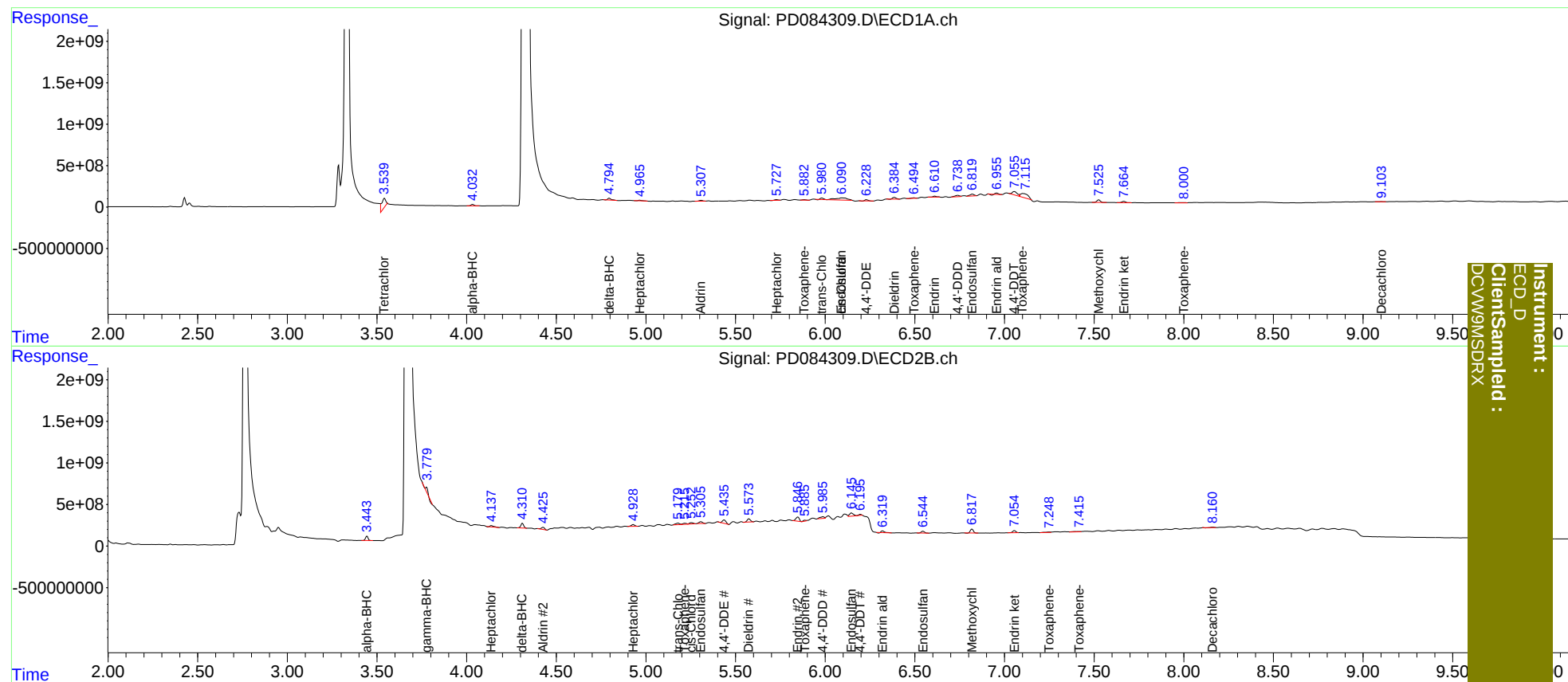
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2     | ng/ml     | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|------------|-----------|------------|
| -----                       |                 |        |        |          |            |           |            |
| System Monitoring Compounds |                 |        |        |          |            |           |            |
| 1)                          | SA Tetrachlo... | 3.542f | 2.927  | 1826.0E6 | -251560738 | 2177.996  | N.D. #     |
| 2)                          | SA Decachlor... | 9.099  | 8.161  | 23743659 | 21018189   | 13.651    | 5.593 #    |
| Target Compounds            |                 |        |        |          |            |           |            |
| 2)                          | A alpha-BHC     | 4.034  | 3.444  | 200.5E6  | 535.5E6    | 132.468   | 65.698 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 3.777  | 0        | 129.0E6    | N.D.      | 16.743     |
| 4)                          | MA Heptachlor   | 4.966  | 4.138  | 102.9E6  | 227.9E6    | 58.950    | 30.239 #   |
| 5)                          | MB Aldrin       | 5.308  | 4.426  | 137.9E6  | 340.5E6    | 78.143    | 46.455 #   |
| 7)                          | B delta-BHC     | 4.795  | 4.311  | 295.3E6  | 642.6E6    | 171.021   | 76.610 #   |
| 8)                          | B Heptachlo...  | 5.729  | 4.929  | 102.2E6  | 311.2E6    | 60.130    | 46.635     |
| 9)                          | A Endosulfan I  | 6.094  | 5.307  | 1230.8E6 | 291.6E6    | 772.620   | 49.155 #   |
| 10)                         | B trans-Chl...  | 5.982  | 5.180  | 198.2E6  | 282.6E6    | 120.055   | 44.354 #   |
| 11)                         | B cis-Chlor...  | 6.094  | 5.254  | 1230.8E6 | 224.1E6    | 715.244   | 35.614 #   |
| 12)                         | B 4,4'-DDE      | 6.230  | 5.436  | 145.8E6  | 590.0E6    | 83.384    | 96.743     |
| 13)                         | MA Dieldrin     | 6.386  | 5.575  | 279.3E6  | 456.5E6    | 155.431   | 74.212 #   |
| 14)                         | MA Endrin       | 6.612  | 5.848  | 180.9E6  | 681.9E6    | 120.738   | 123.520    |
| 15)                         | B Endosulfa...  | 6.821  | 6.146  | 366.2E6  | 598.1E6    | 222.106   | 115.193 #  |
| 16)                         | A 4,4'-DDD      | 6.739  | 5.988  | 310.9E6  | 341.5E6    | 241.733   | 69.607 #   |
| 17)                         | MA 4,4'-DDT     | 7.055  | 6.196f | 833.7E6  | 147.0E6    | 614.901   | 29.677 #   |
| 18)                         | B Endrin al...  | 6.956  | 6.320  | 96407327 | 218.4E6    | 84.822    | 58.362 #   |
| 20)                         | A Methoxychlor  | 7.526  | 6.819  | 395.4E6  | 557.2E6    | 495.839   | 258.739 #  |
| 21)                         | B Endrin ke...  | 7.666  | 7.055  | 206.4E6  | 301.2E6    | 124.603   | 57.845 #   |
| 22)                         | Toxaphene-1     | 5.883  | 5.217  | 58647539 | 180.0E6    | 20875.782 | 6459.347 # |
| 23)                         | Toxaphene-2     | 6.495  | 5.532  | 51428159 | -49309253  | 3246.693  | N.D. #     |
| 24)                         | Toxaphene-3     | 7.104  | 5.886  | 1445.9E6 | 113.7E6    | 31765.341 | 3257.202 # |
| 26)                         | Toxaphene-5     | 8.001  | 7.416  | 107.5E6  | 154.5E6    | 4333.084  | 2817.607 # |
| -----                       |                 |        |        |          |            |           |            |

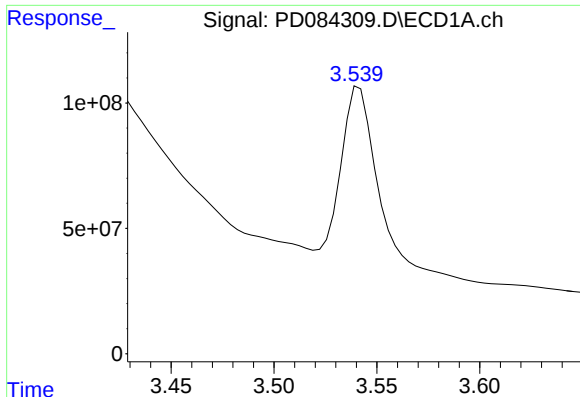
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081224\  
Data File : PD084309.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Aug 2024 18:21  
Operator : AR\AJ  
Sample : P3439-03MSD  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 13 01:01:42 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081224CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 12 16:40:36 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

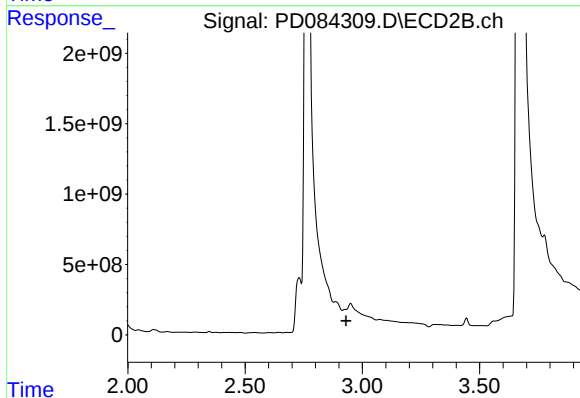




#1 Tetrachloro-m-xylene

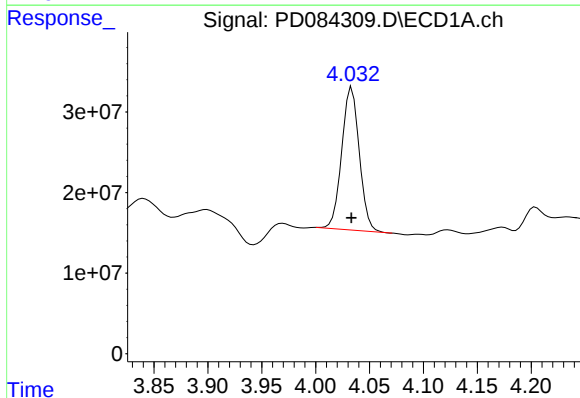
R.T.: 3.542 min  
Delta R.T.: -0.043 min  
Response: 1825976631  
Conc: 2178.00 ng/m

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



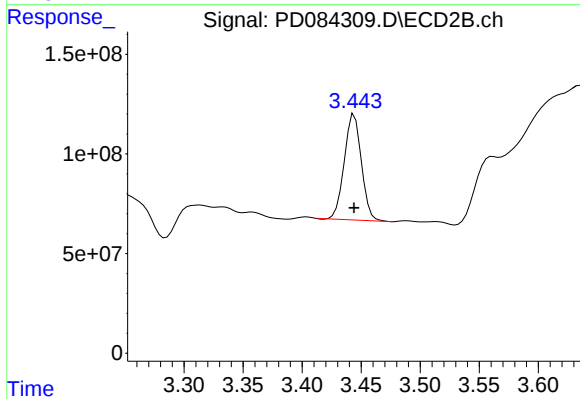
#1 Tetrachloro-m-xylene

R.T.: 2.927 min  
Delta R.T.: -0.003 min  
Response: -251560738  
Conc: N.D.



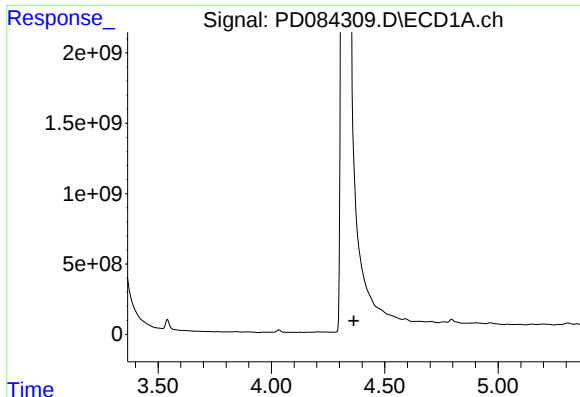
#2 alpha-BHC

R.T.: 4.034 min  
Delta R.T.: 0.000 min  
Response: 200495931  
Conc: 132.47 ng/ml



#2 alpha-BHC

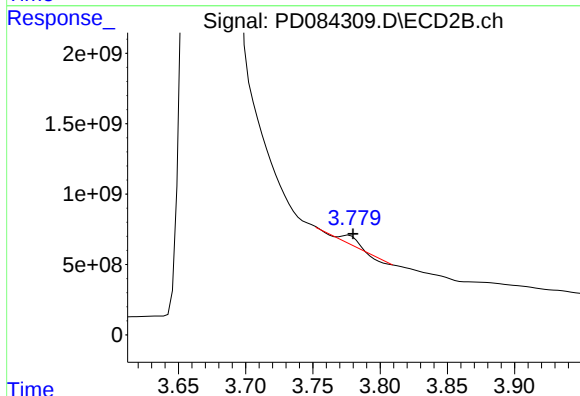
R.T.: 3.444 min  
Delta R.T.: 0.000 min  
Response: 535531675  
Conc: 65.70 ng/ml



#3 gamma-BHC (Lindane)

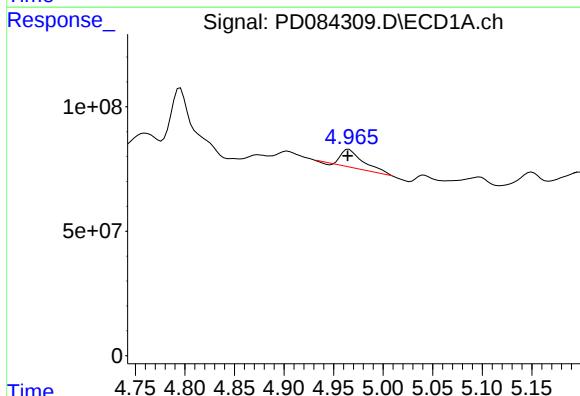
R.T.: 0.000 min  
Exp R.T.: 4.364 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



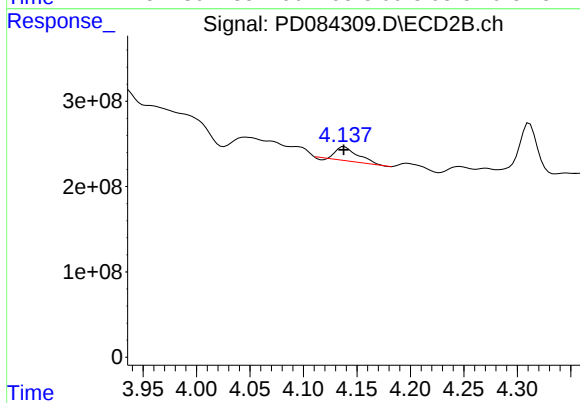
#3 gamma-BHC (Lindane)

R.T.: 3.777 min  
Delta R.T.: -0.003 min  
Response: 129039258  
Conc: 16.74 ng/ml



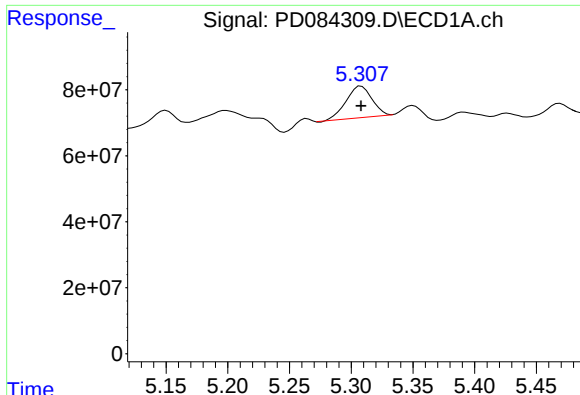
#4 Heptachlor

R.T.: 4.966 min  
Delta R.T.: 0.001 min  
Response: 102888244  
Conc: 58.95 ng/ml



#4 Heptachlor

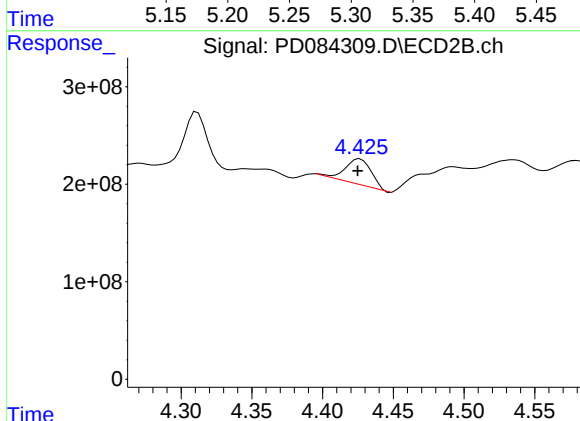
R.T.: 4.138 min  
Delta R.T.: 0.000 min  
Response: 227891810  
Conc: 30.24 ng/ml



#5 Aldrin

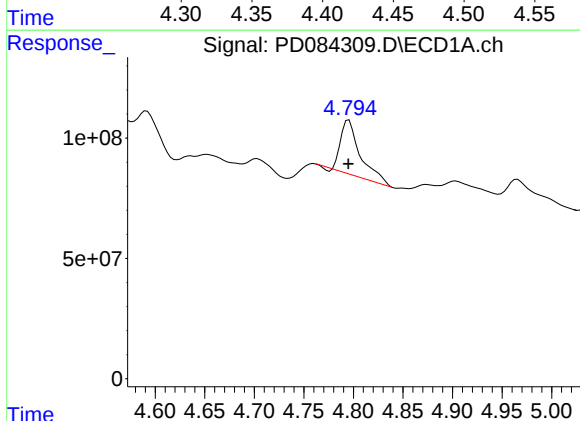
R.T.: 5.308 min  
Delta R.T.: 0.000 min  
Response: 137909847  
Conc: 78.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



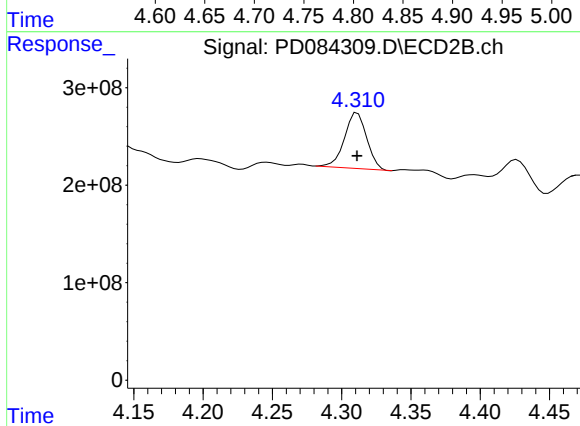
#5 Aldrin

R.T.: 4.426 min  
Delta R.T.: 0.001 min  
Response: 340459564  
Conc: 46.45 ng/ml



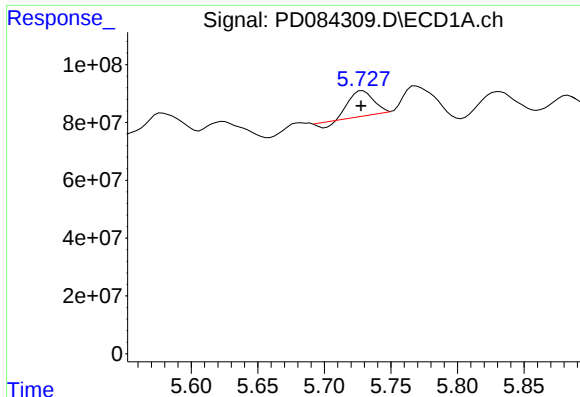
#7 delta-BHC

R.T.: 4.795 min  
Delta R.T.: 0.000 min  
Response: 295339284  
Conc: 171.02 ng/ml



#7 delta-BHC

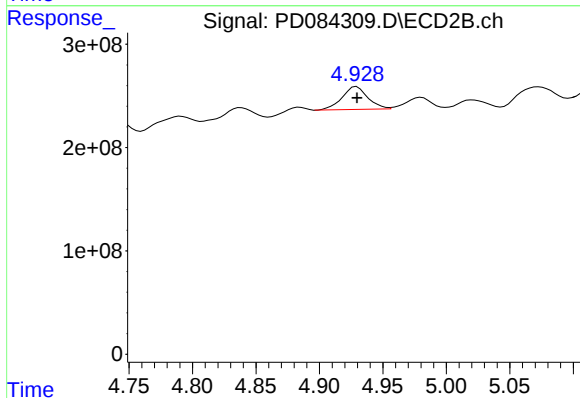
R.T.: 4.311 min  
Delta R.T.: 0.000 min  
Response: 642608225  
Conc: 76.61 ng/ml



#8 Heptachlor epoxide

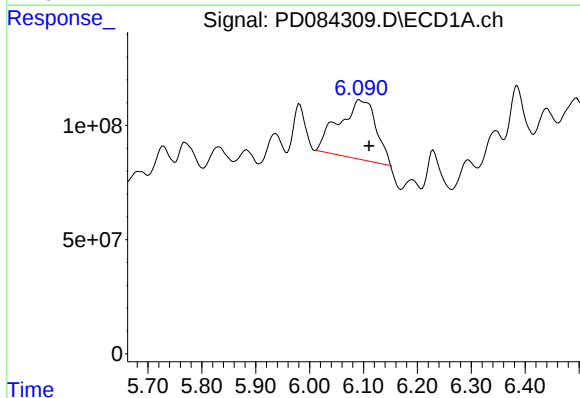
R.T.: 5.729 min  
Delta R.T.: 0.002 min  
Response: 102200518  
Conc: 60.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



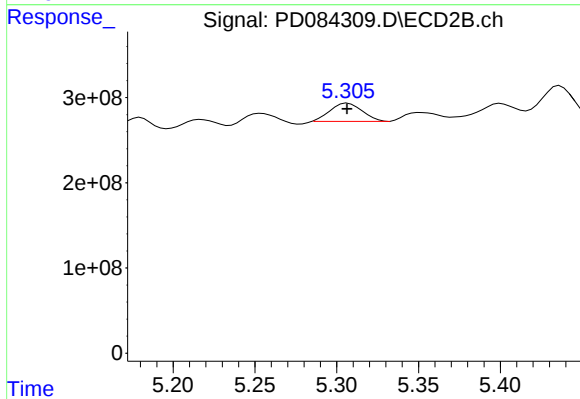
#8 Heptachlor epoxide

R.T.: 4.929 min  
Delta R.T.: 0.000 min  
Response: 311173465  
Conc: 46.64 ng/ml



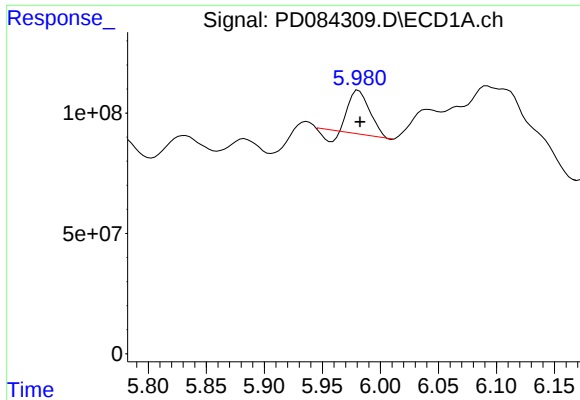
#9 Endosulfan I

R.T.: 6.094 min  
Delta R.T.: -0.016 min  
Response: 1230752482  
Conc: 772.62 ng/ml



#9 Endosulfan I

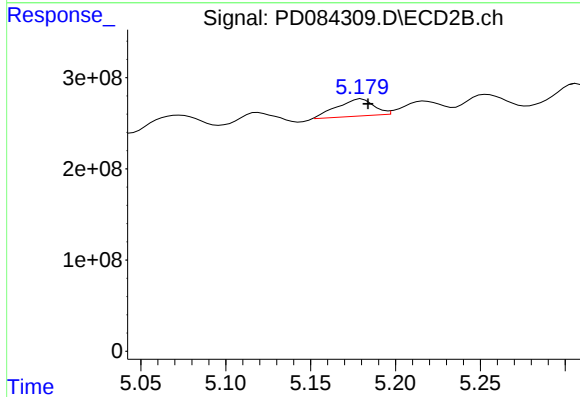
R.T.: 5.307 min  
Delta R.T.: 0.000 min  
Response: 291643733  
Conc: 49.15 ng/ml



#10 trans-Chlordane

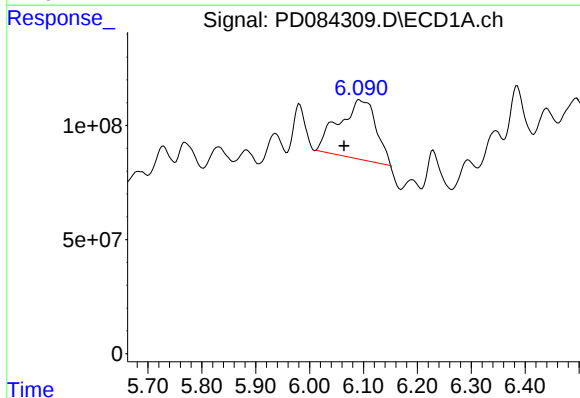
R.T.: 5.982 min  
Delta R.T.: 0.000 min  
Response: 198230005  
Conc: 120.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



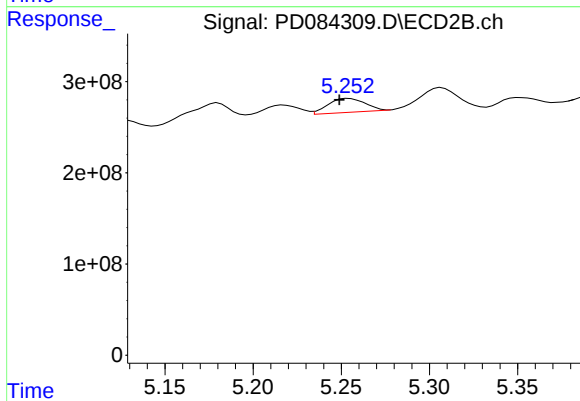
#10 trans-Chlordane

R.T.: 5.180 min  
Delta R.T.: -0.004 min  
Response: 282634285  
Conc: 44.35 ng/ml



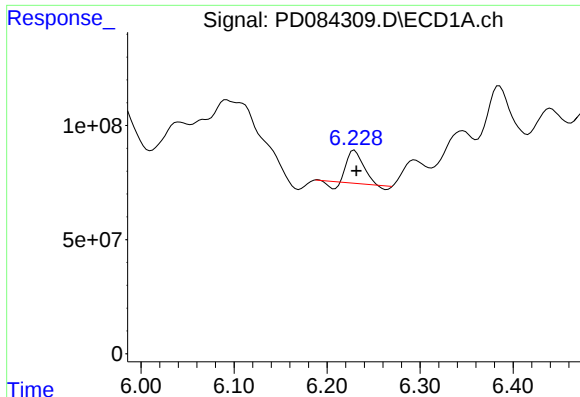
#11 cis-Chlordane

R.T.: 6.094 min  
Delta R.T.: 0.030 min  
Response: 1230752482  
Conc: 715.24 ng/ml



#11 cis-Chlordane

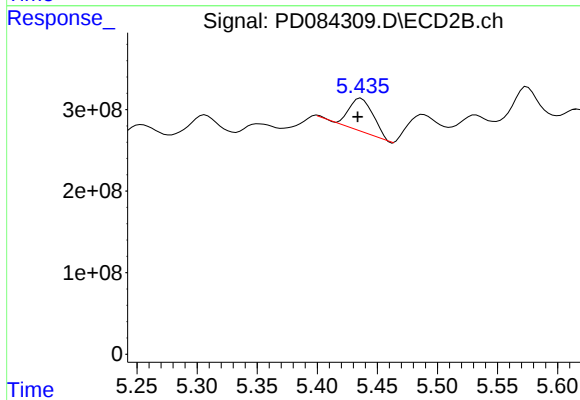
R.T.: 5.254 min  
Delta R.T.: 0.005 min  
Response: 224146568  
Conc: 35.61 ng/ml



#12 4,4'-DDE

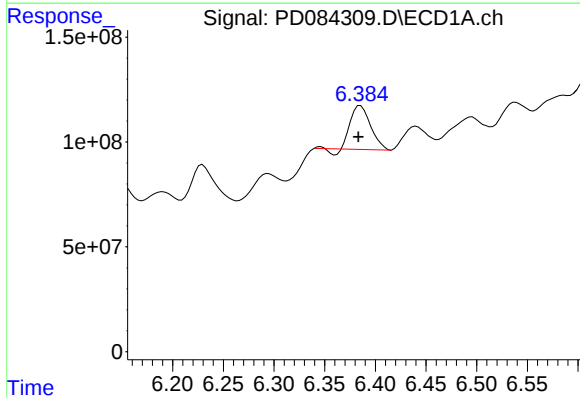
R.T.: 6.230 min  
Delta R.T.: -0.001 min  
Response: 145849309  
Conc: 83.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



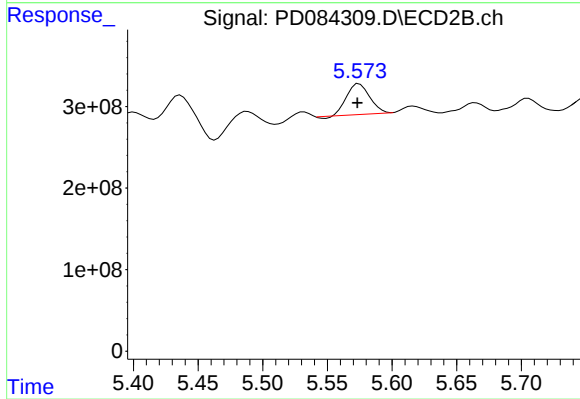
#12 4,4'-DDE

R.T.: 5.436 min  
Delta R.T.: 0.003 min  
Response: 589976101  
Conc: 96.74 ng/ml



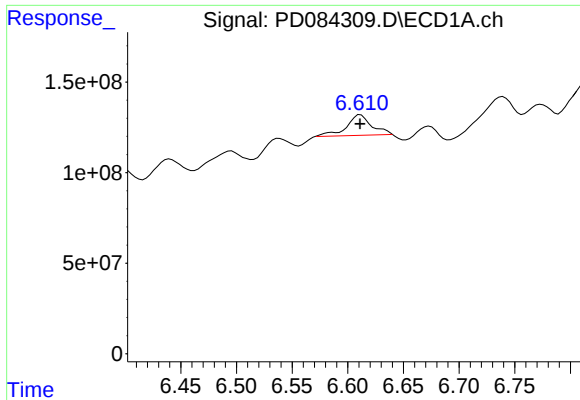
#13 Dieldrin

R.T.: 6.386 min  
Delta R.T.: 0.002 min  
Response: 279252823  
Conc: 155.43 ng/ml



#13 Dieldrin

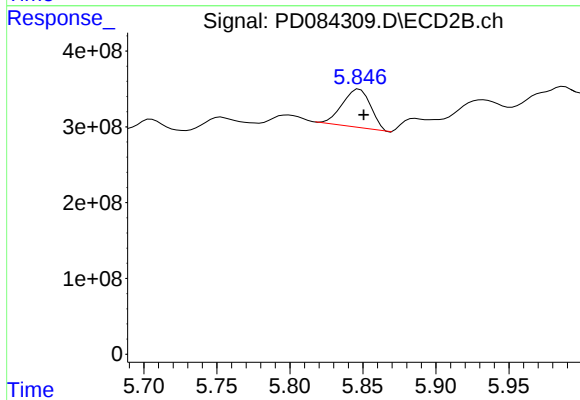
R.T.: 5.575 min  
Delta R.T.: 0.001 min  
Response: 456527164  
Conc: 74.21 ng/ml



#14 Endrin

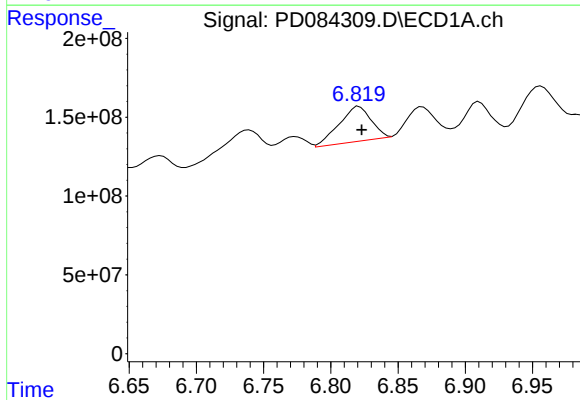
R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 180869911  
Conc: 120.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



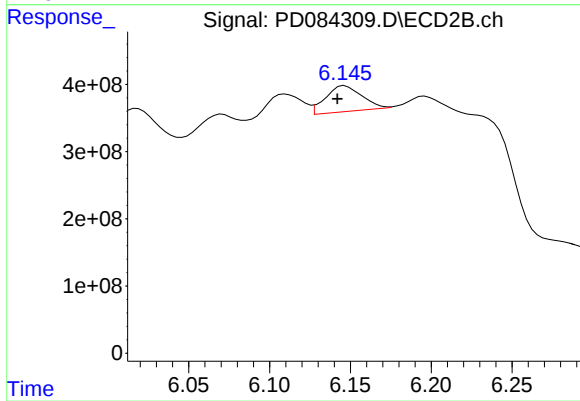
#14 Endrin

R.T.: 5.848 min  
Delta R.T.: -0.003 min  
Response: 681929721  
Conc: 123.52 ng/ml



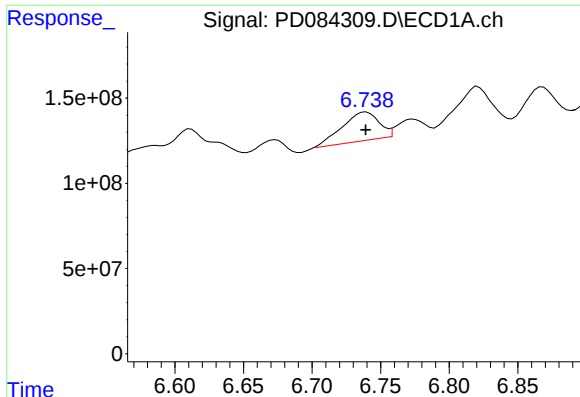
#15 Endosulfan II

R.T.: 6.821 min  
Delta R.T.: -0.002 min  
Response: 366206819  
Conc: 222.11 ng/ml



#15 Endosulfan II

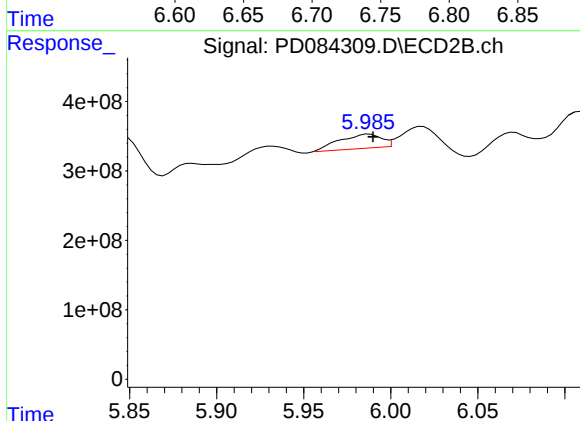
R.T.: 6.146 min  
Delta R.T.: 0.005 min  
Response: 598138205  
Conc: 115.19 ng/ml



#16 4,4'-DDD

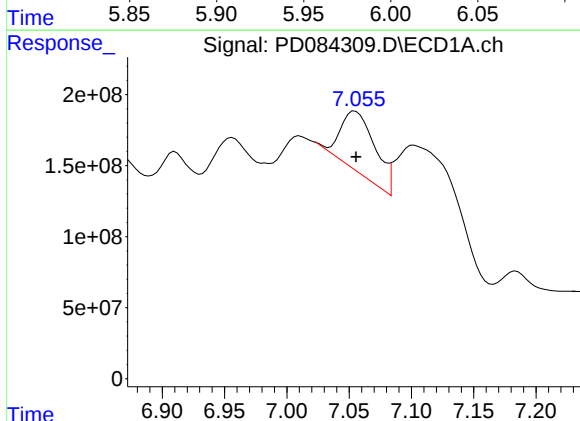
R.T.: 6.739 min  
Delta R.T.: 0.000 min  
Response: 310910321  
Conc: 241.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



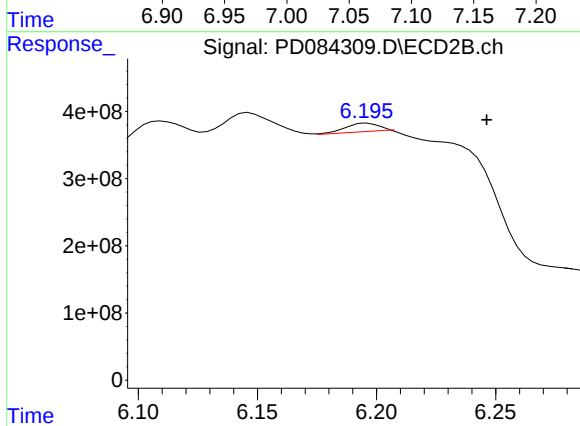
#16 4,4'-DDD

R.T.: 5.988 min  
Delta R.T.: -0.002 min  
Response: 341493754  
Conc: 69.61 ng/ml



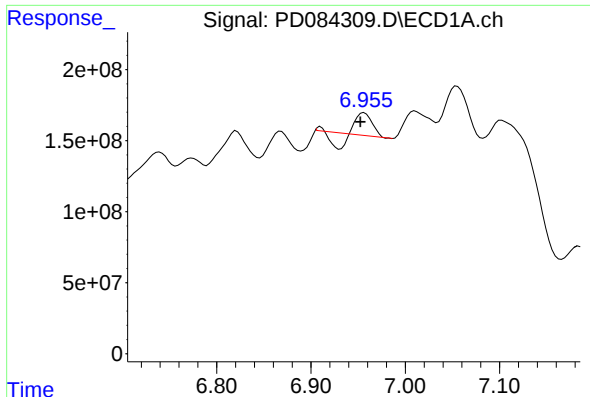
#17 4,4'-DDT

R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 833678502  
Conc: 614.90 ng/ml



#17 4,4'-DDT

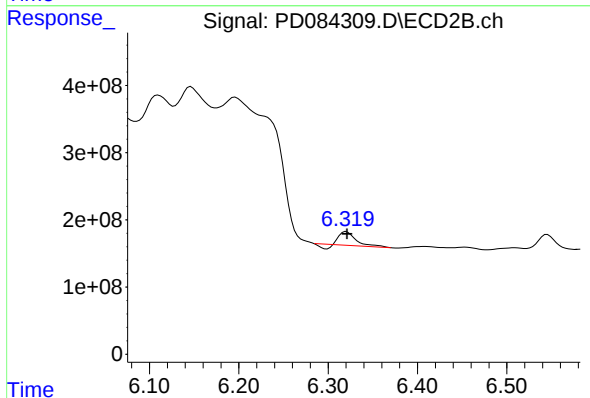
R.T.: 6.196 min  
Delta R.T.: -0.050 min  
Response: 147009742  
Conc: 29.68 ng/ml



#18 Endrin aldehyde

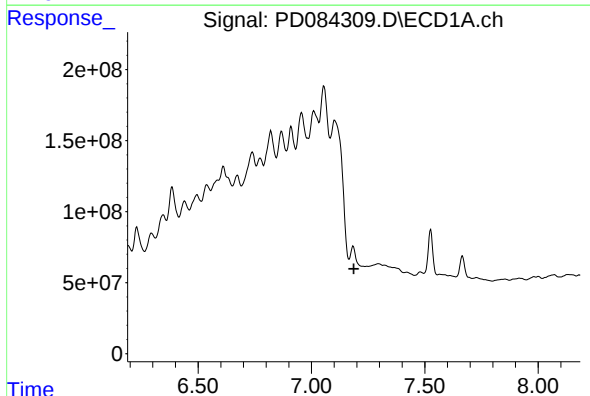
R.T.: 6.956 min  
Delta R.T.: 0.004 min  
Response: 96407327  
Conc: 84.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



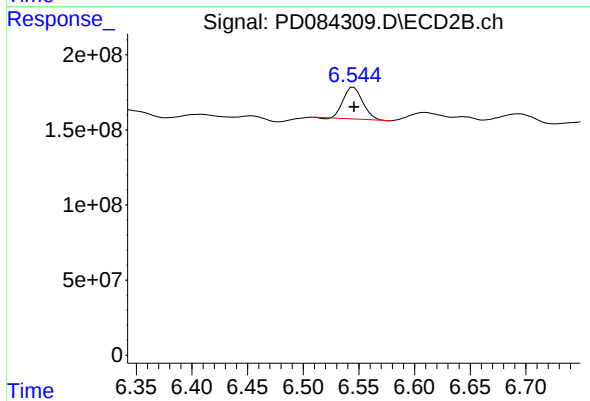
#18 Endrin aldehyde

R.T.: 6.320 min  
Delta R.T.: 0.000 min  
Response: 218365303  
Conc: 58.36 ng/ml



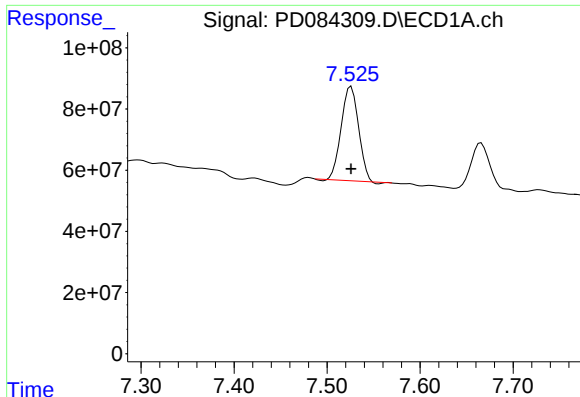
#19 Endosulfan Sulfate

R.T.: 7.184 min  
Delta R.T.: -0.002 min  
Response: -334305917  
Conc: N.D.



#19 Endosulfan Sulfate

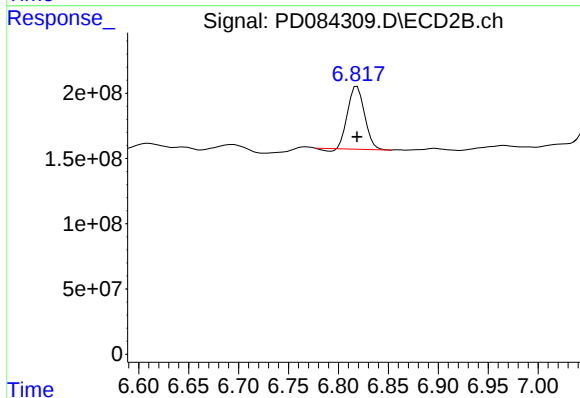
R.T.: 6.545 min  
Delta R.T.: 0.000 min  
Response: 253861799  
Conc: 54.37 ng/ml



#20 Methoxychlor

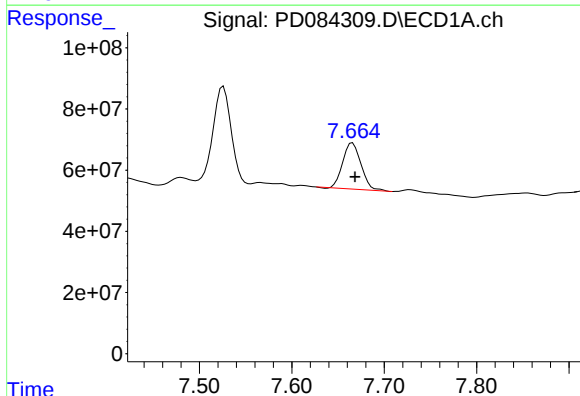
R.T.: 7.526 min  
Delta R.T.: 0.000 min  
Response: 395440183  
Conc: 495.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



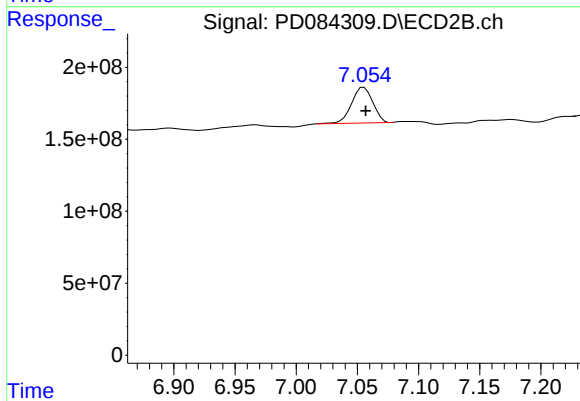
#20 Methoxychlor

R.T.: 6.819 min  
Delta R.T.: 0.000 min  
Response: 557170308  
Conc: 258.74 ng/ml



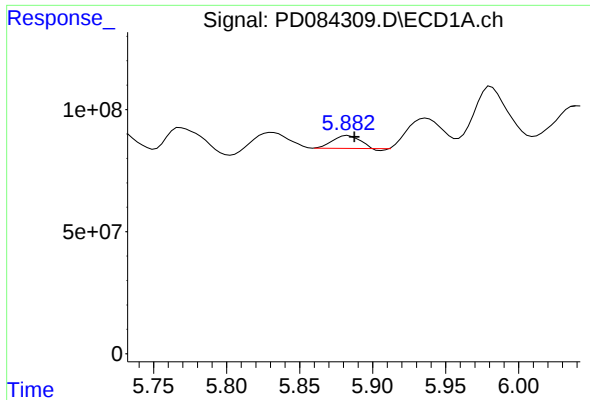
#21 Endrin ketone

R.T.: 7.666 min  
Delta R.T.: -0.003 min  
Response: 206351269  
Conc: 124.60 ng/ml



#21 Endrin ketone

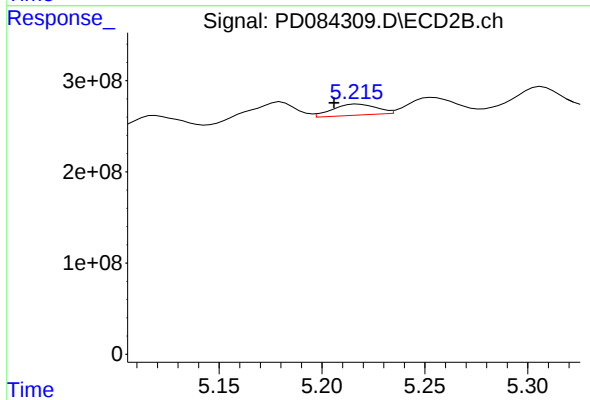
R.T.: 7.055 min  
Delta R.T.: -0.002 min  
Response: 301238133  
Conc: 57.84 ng/ml



#22 Toxaphene-1

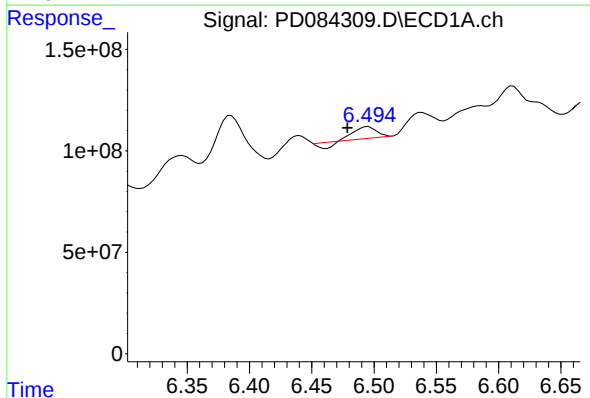
R.T.: 5.883 min  
Delta R.T.: -0.004 min  
Response: 58647539  
Conc: 20875.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



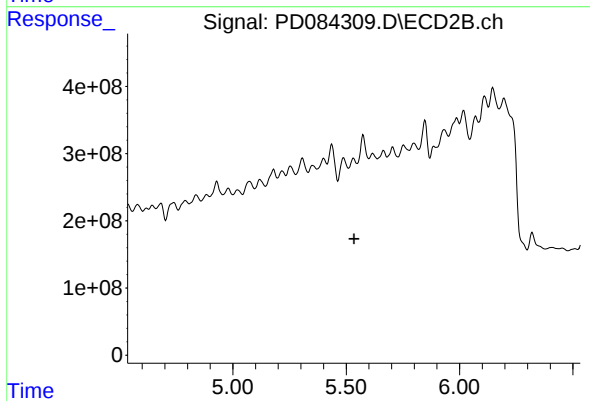
#22 Toxaphene-1

R.T.: 5.217 min  
Delta R.T.: 0.011 min  
Response: 180027605  
Conc: 6459.35 ng/ml



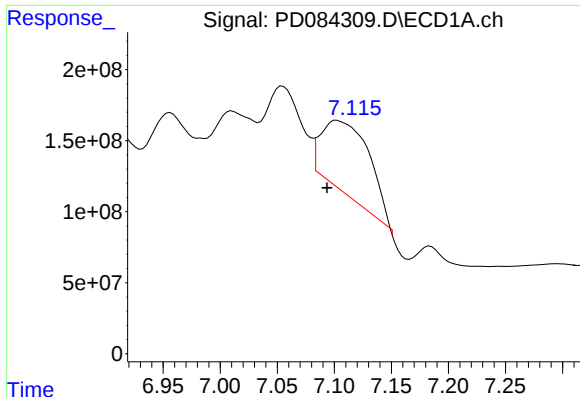
#23 Toxaphene-2

R.T.: 6.495 min  
Delta R.T.: 0.016 min  
Response: 51428159  
Conc: 3246.69 ng/ml



#23 Toxaphene-2

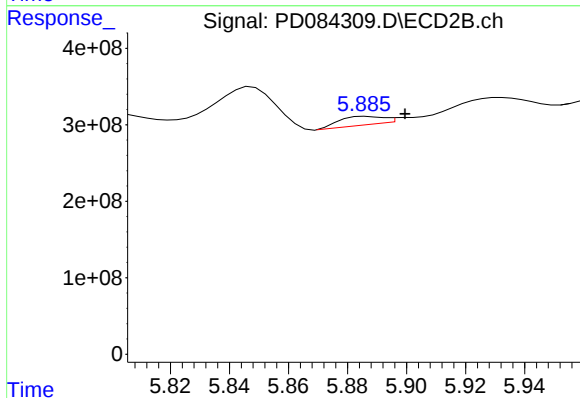
R.T.: 5.532 min  
Delta R.T.: -0.003 min  
Response: -49309253  
Conc: N.D.



#24 Toxaphene-3

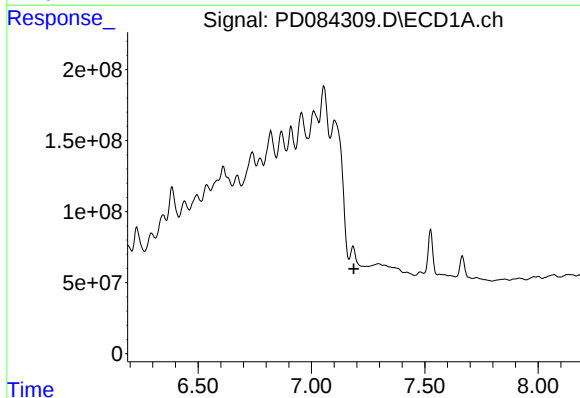
R.T.: 7.104 min  
Delta R.T.: 0.010 min  
Response: 1445875183  
Conc: 31765.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



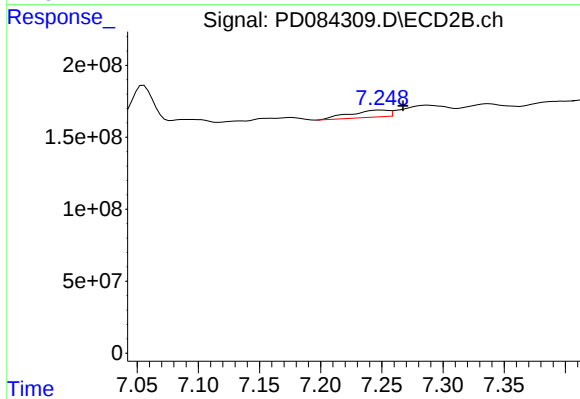
#24 Toxaphene-3

R.T.: 5.886 min  
Delta R.T.: -0.013 min  
Response: 113702230  
Conc: 3257.20 ng/ml



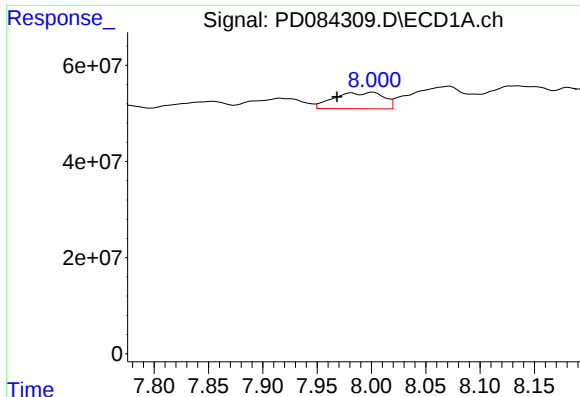
#25 Toxaphene-4

R.T.: 7.184 min  
Delta R.T.: -0.002 min  
Response: -334305917  
Conc: N.D.



#25 Toxaphene-4

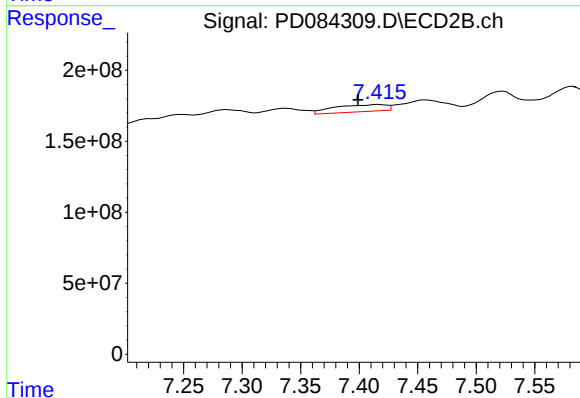
R.T.: 7.249 min  
Delta R.T.: -0.018 min  
Response: 107571854  
Conc: 1343.52 ng/ml



#26 Toxaphene-5

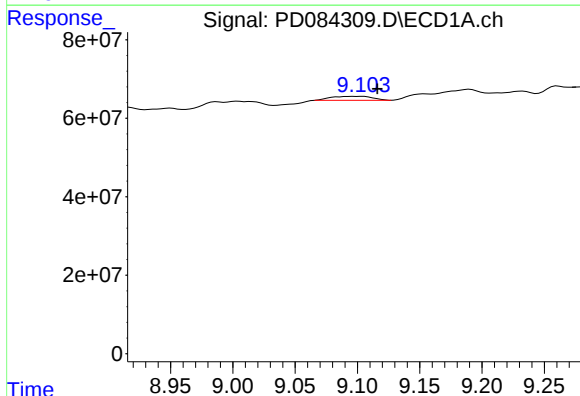
R.T.: 8.001 min  
Delta R.T.: 0.032 min  
Response: 107500938  
Conc: 4333.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DCVW9MSDRX



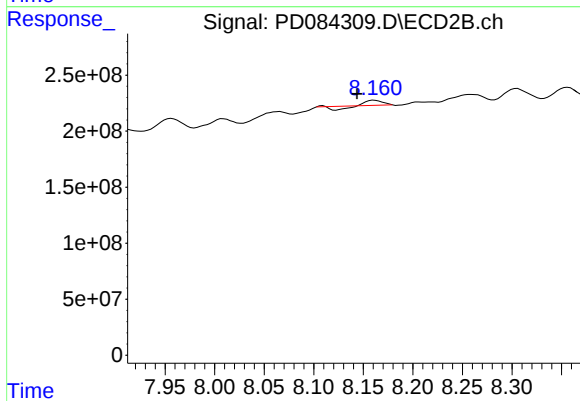
#26 Toxaphene-5

R.T.: 7.416 min  
Delta R.T.: 0.017 min  
Response: 154514063  
Conc: 2817.61 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.099 min  
Delta R.T.: -0.017 min  
Response: 23743659  
Conc: 13.65 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.161 min  
Delta R.T.: 0.018 min  
Response: 21018189  
Conc: 5.59 ng/ml