

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020824\  
 Data File : PD081217.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Feb 2024 16:22  
 Operator : AR\AJ  
 Sample : P1389-09  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 WC-3

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 08 20:26:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 11:14:56 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... | 3.565  | 2.794  | 30456125 | 56414877 | 21.455 | 23.583   |
| 28)                         | SA Decachlor... | 9.111  | 7.931  | 36232989 | 49145596 | 18.004 | 18.451   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.045f | 3.285  | 406291   | 420169   | 0.164  | 0.110 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.635  | 0        | 593993   | N.D.   | 0.159 #  |
| 4)                          | MA Heptachlor   | 4.962  | 0.000  | 285544   | 0        | 0.116  | N.D. #   |
| 5)                          | MB Aldrin       | 5.274f | 4.240  | 364059   | 712354   | 0.148  | 0.196 #  |
| 6)                          | B beta-BHC      | 4.561  | 3.931  | 478226   | 124792   | 0.473  | 0.080 #  |
| 7)                          | B delta-BHC     | 4.789  | 0.000  | 1131559  | 0        | 0.451  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.715  | 4.748  | 1242763  | 389825   | 0.555  | 0.116 #  |
| 9)                          | A Endosulfan I  | 6.137f | 5.145f | 1025367  | 1963708  | 0.494  | 0.641 #  |
| 10)                         | B gamma-Chl...  | 5.973  | 4.998  | 2693485  | 2926401  | 1.230  | 0.895 #  |
| 11)                         | B alpha-Chl...  | 6.055  | 5.062  | 3284353  | 4761836  | 1.508  | 1.456    |
| 12)                         | B 4,4'-DDE      | 6.215  | 5.250  | 211034   | 1003971  | 0.104  | 0.328 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.389  | 0        | 2349370  | N.D.   | 0.691 #  |
| 14)                         | MA Endrin       | 0.000  | 5.673  | 0        | 1557849  | N.D.   | 0.526 #  |
| 15)                         | B Endosulfa...  | 6.816  | 5.956  | 148432   | 1071766  | 0.077  | 0.373 #  |
| 17)                         | MA 4,4'-DDT     | 7.058  | 6.053  | 220077   | 810475   | 0.124  | 0.305 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.150f | 0        | 464440   | N.D.   | 0.206 #  |
| 19)                         | B Endosulfa...  | 7.198  | 6.342  | 1029021  | 890753   | 0.542  | 0.319 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.604f | 0        | 866461   | N.D.   | 0.554 #  |
| 21)                         | B Endrin ke...  | 7.696f | 0.000  | 2181642  | 0        | 1.043  | N.D. #   |
| 22)                         | Mirex           | 8.156  | 7.039  | 217192   | -311273  | 0.132  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.793  | 0        | 182943   | N.D.   | 1.799 #  |
| 24)                         | Chlordane-2     | 5.260  | 4.373  | 370483   | 1742962  | 4.475  | 14.220 # |
| 25)                         | Chlordane-3     | 5.973  | 4.998  | 2693485  | 2926401  | 8.529  | 8.719    |
| 26)                         | Chlordane-4     | 6.055  | 5.062  | 3284353  | 4761836  | 8.626  | 14.989 # |
| 27)                         | Chlordane-5     | 6.910  | 5.956  | 319779   | 1071766  | 4.581  | 8.840 #  |
| -----                       |                 |        |        |          |          |        |          |

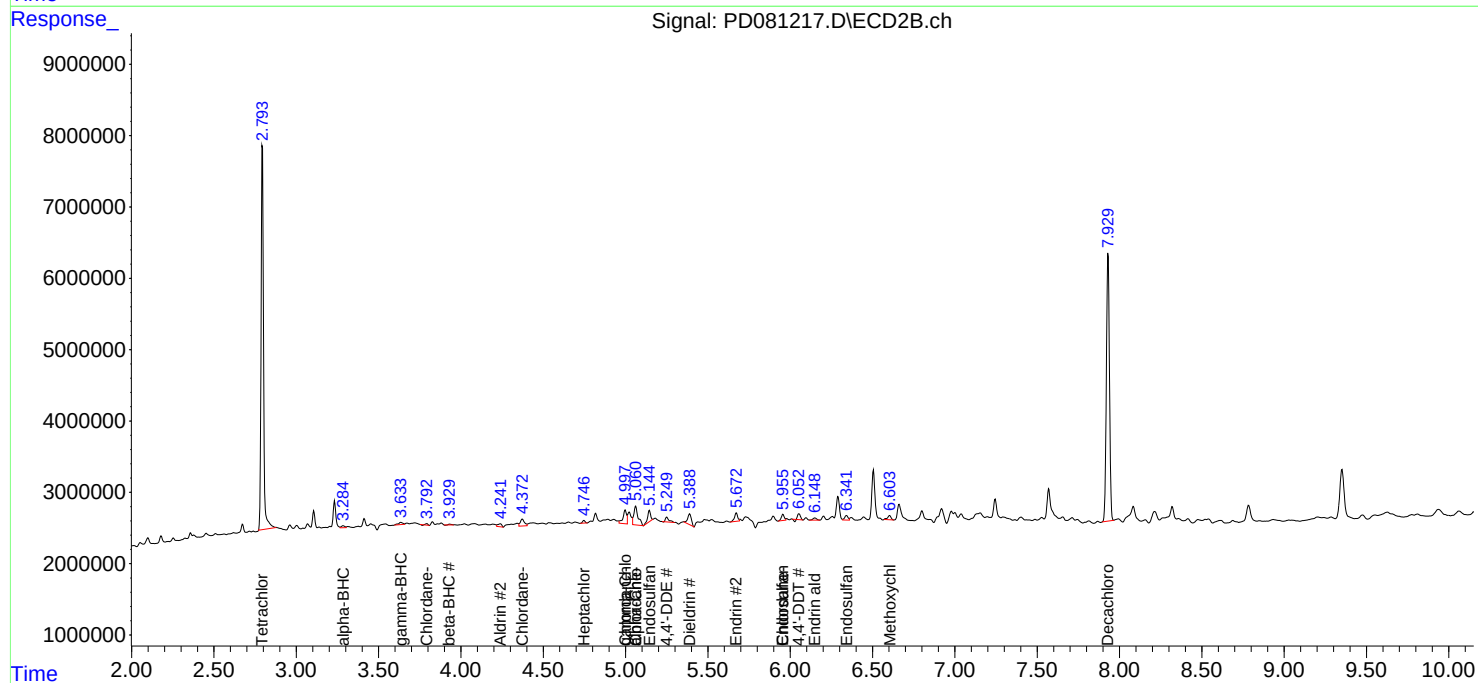
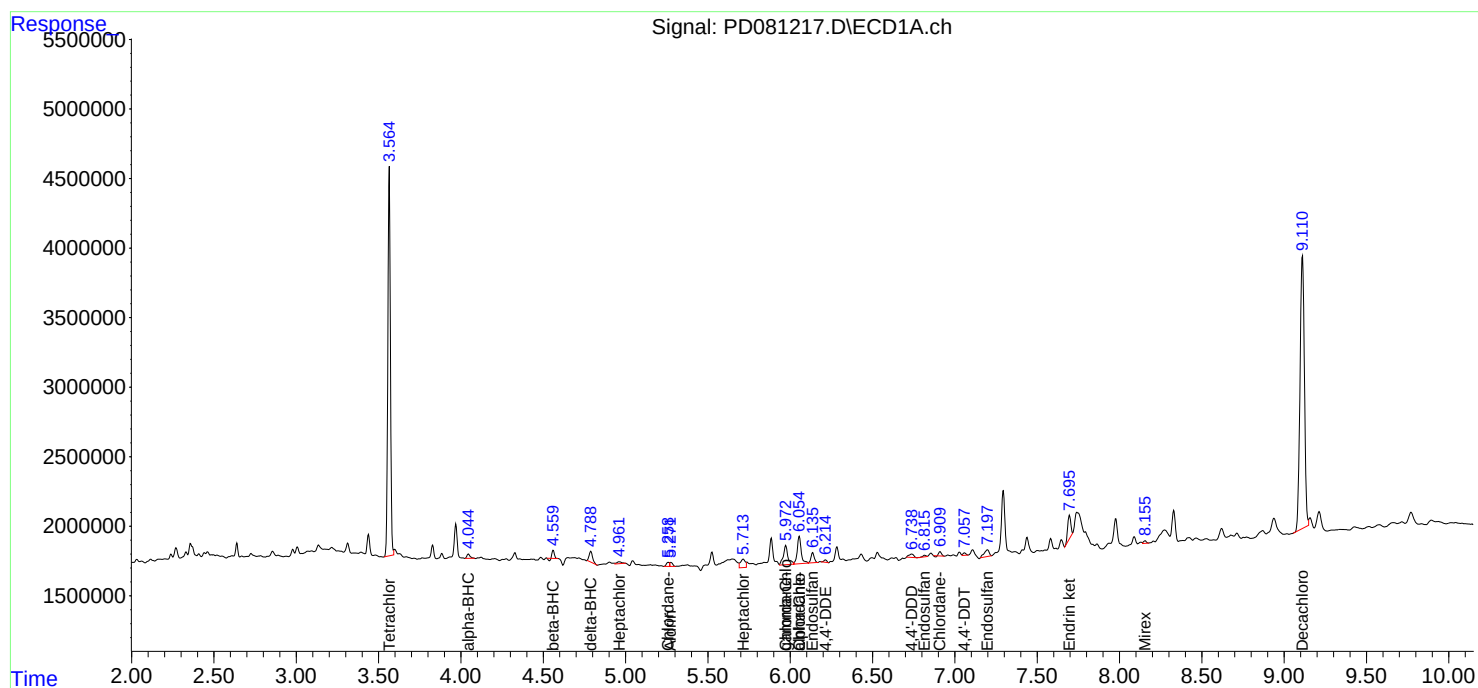
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

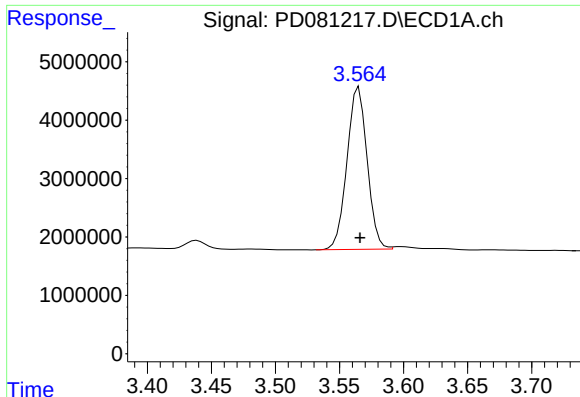
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020824\  
Data File : PD081217.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Feb 2024 16:22  
Operator : AR\AJ  
Sample : P1389-09  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 08 20:26:12 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 25 11:14:56 2024  
Response via : Initial Calibration  
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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

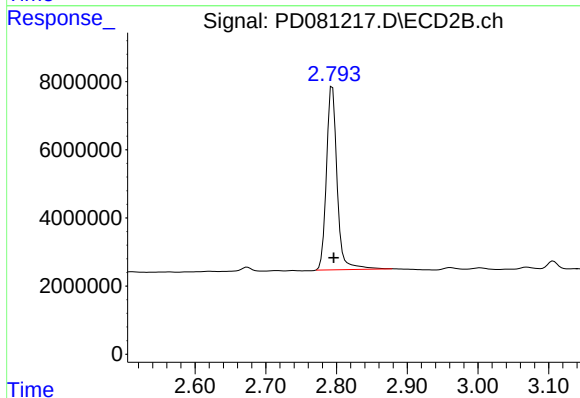




#1 Tetrachloro-m-xylene

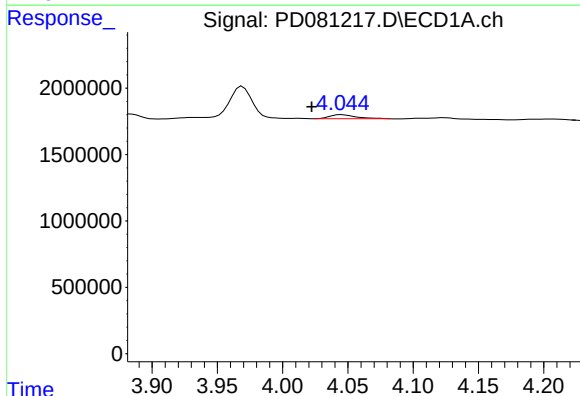
R.T.: 3.565 min  
Delta R.T.: 0.000 min  
Response: 30456125  
Conc: 21.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



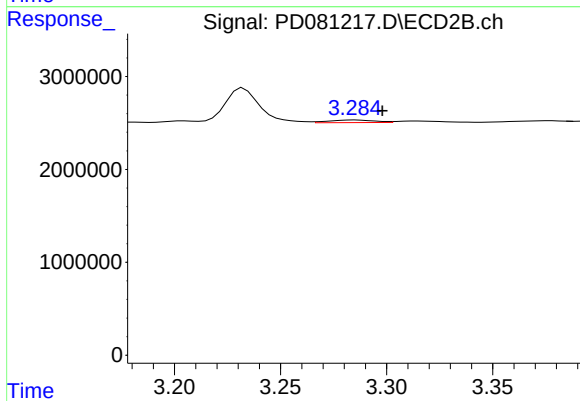
#1 Tetrachloro-m-xylene

R.T.: 2.794 min  
Delta R.T.: -0.002 min  
Response: 56414877  
Conc: 23.58 ng/ml



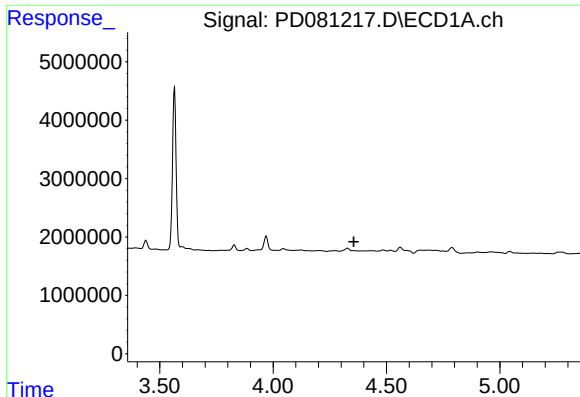
#2 alpha-BHC

R.T.: 4.045 min  
Delta R.T.: 0.023 min  
Response: 406291  
Conc: 0.16 ng/ml



#2 alpha-BHC

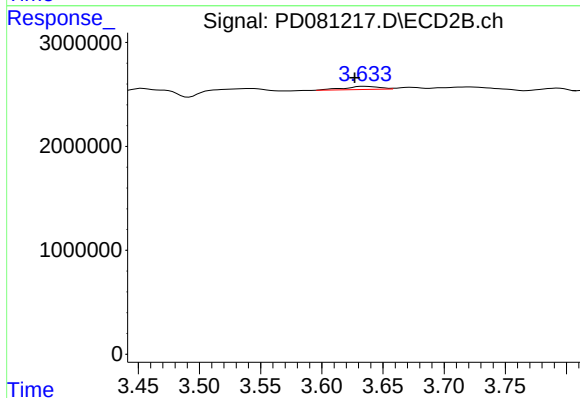
R.T.: 3.285 min  
Delta R.T.: -0.013 min  
Response: 420169  
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

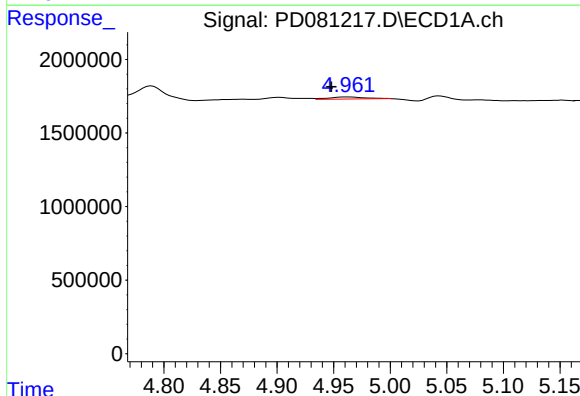
R.T.: 0.000 min  
Exp R.T.: 4.355 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



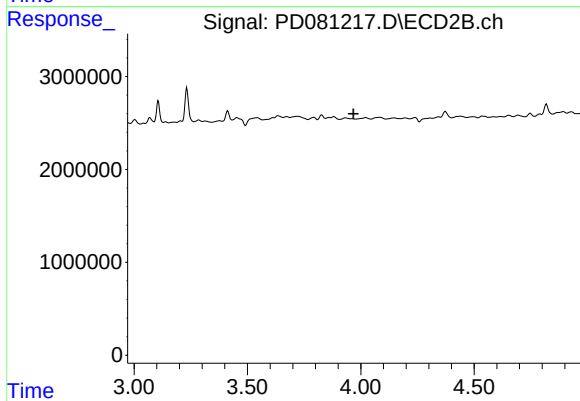
#3 gamma-BHC (Lindane)

R.T.: 3.635 min  
Delta R.T.: 0.008 min  
Response: 593993  
Conc: 0.16 ng/ml



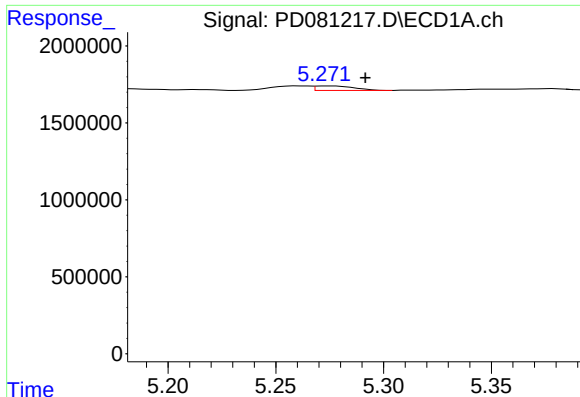
#4 Heptachlor

R.T.: 4.962 min  
Delta R.T.: 0.014 min  
Response: 285544  
Conc: 0.12 ng/ml



#4 Heptachlor

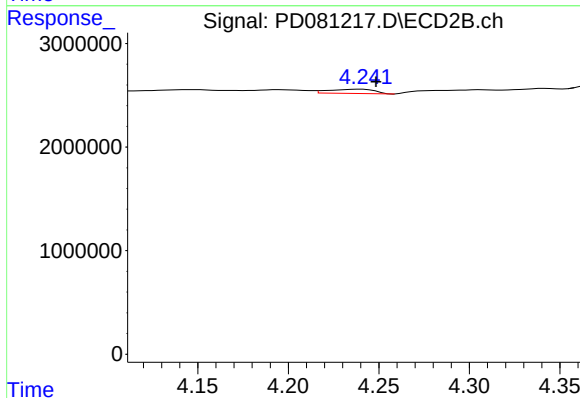
R.T.: 0.000 min  
Exp R.T.: 3.968 min  
Response: 0  
Conc: N.D.



#5 Aldrin

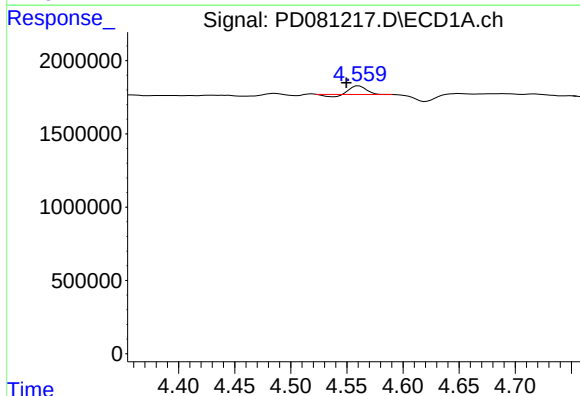
R.T.: 5.274 min  
Delta R.T.: -0.017 min  
Response: 364059  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



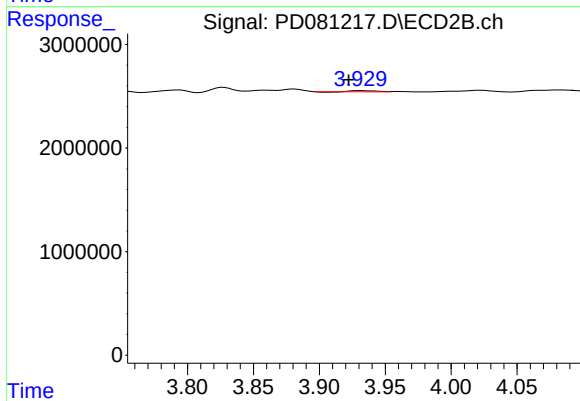
#5 Aldrin

R.T.: 4.240 min  
Delta R.T.: -0.008 min  
Response: 712354  
Conc: 0.20 ng/ml



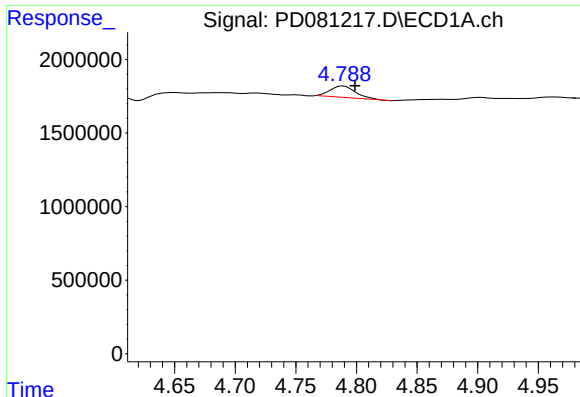
#6 beta-BHC

R.T.: 4.561 min  
Delta R.T.: 0.011 min  
Response: 478226  
Conc: 0.47 ng/ml



#6 beta-BHC

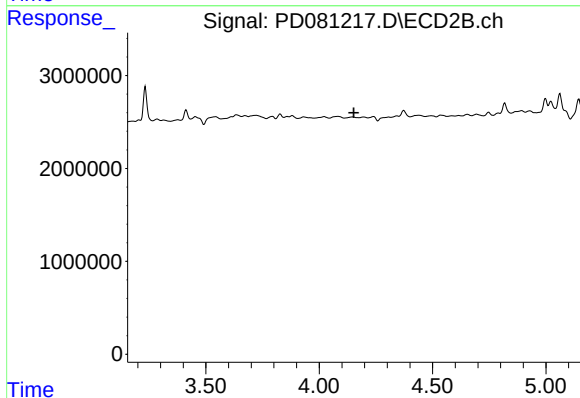
R.T.: 3.931 min  
Delta R.T.: 0.008 min  
Response: 124792  
Conc: 0.08 ng/ml



#7 delta-BHC

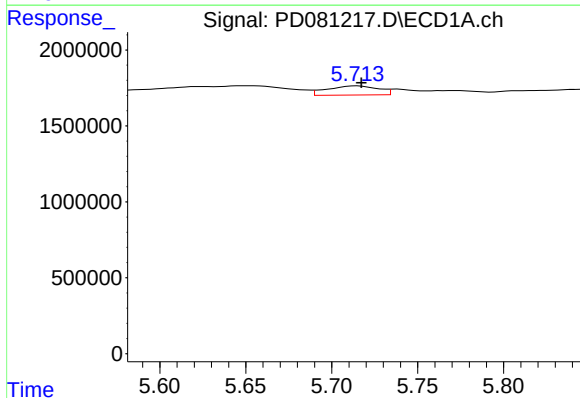
R.T.: 4.789 min  
Delta R.T.: -0.010 min  
Response: 1131559  
Conc: 0.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



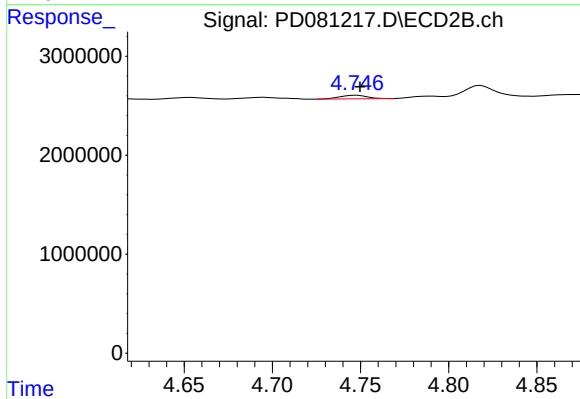
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.153 min  
Response: 0  
Conc: N.D.



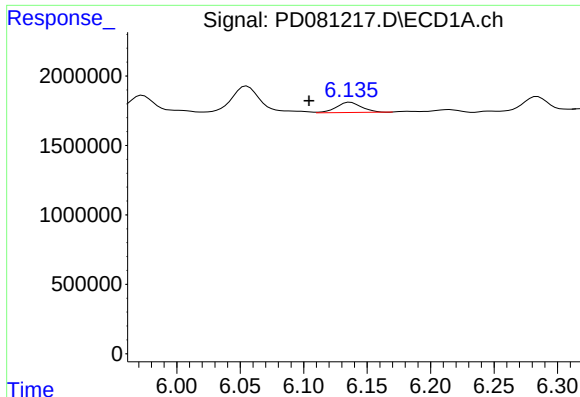
#8 Heptachlor epoxide

R.T.: 5.715 min  
Delta R.T.: -0.003 min  
Response: 1242763  
Conc: 0.56 ng/ml



#8 Heptachlor epoxide

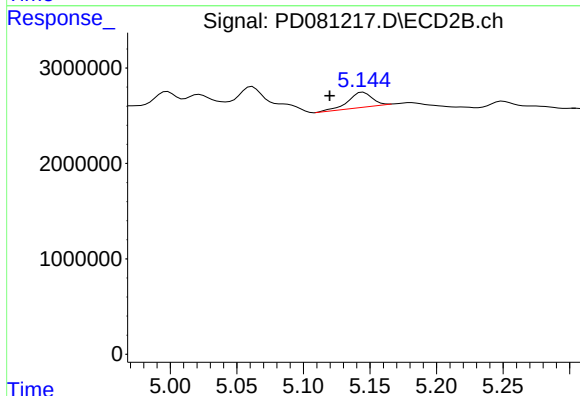
R.T.: 4.748 min  
Delta R.T.: -0.002 min  
Response: 389825  
Conc: 0.12 ng/ml



#9 Endosulfan I

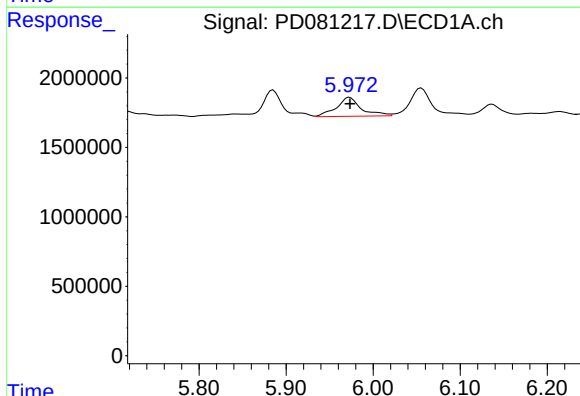
R.T.: 6.137 min  
Delta R.T.: 0.033 min  
Response: 1025367  
Conc: 0.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



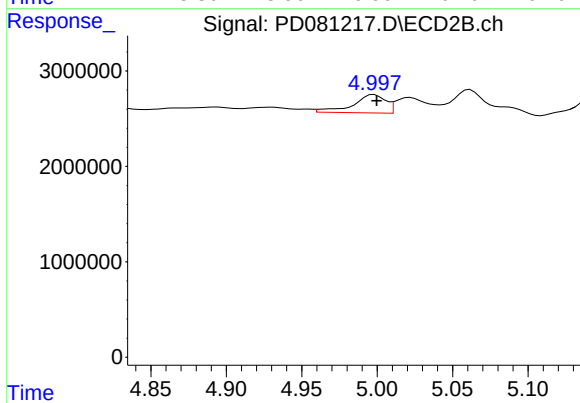
#9 Endosulfan I

R.T.: 5.145 min  
Delta R.T.: 0.025 min  
Response: 1963708  
Conc: 0.64 ng/ml



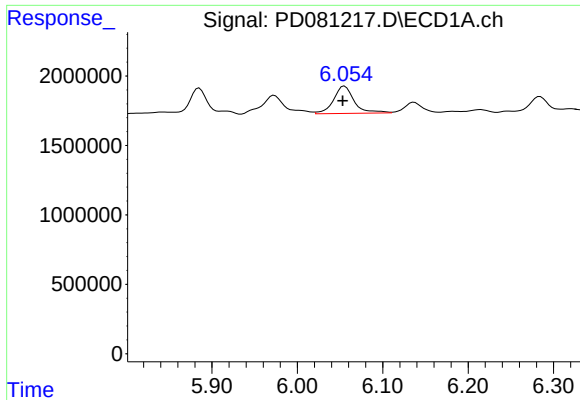
#10 gamma-Chlordane

R.T.: 5.973 min  
Delta R.T.: 0.000 min  
Response: 2693485  
Conc: 1.23 ng/ml



#10 gamma-Chlordane

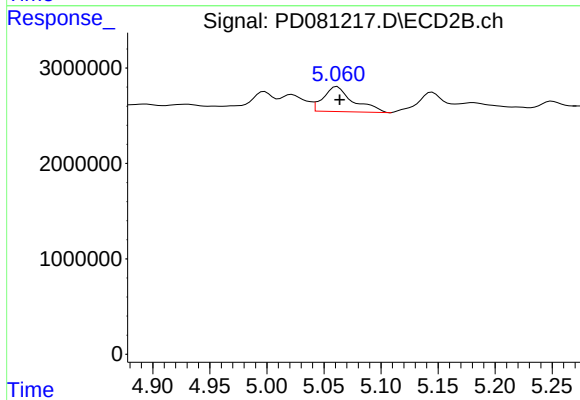
R.T.: 4.998 min  
Delta R.T.: -0.002 min  
Response: 2926401  
Conc: 0.89 ng/ml



#11 alpha-Chlordane

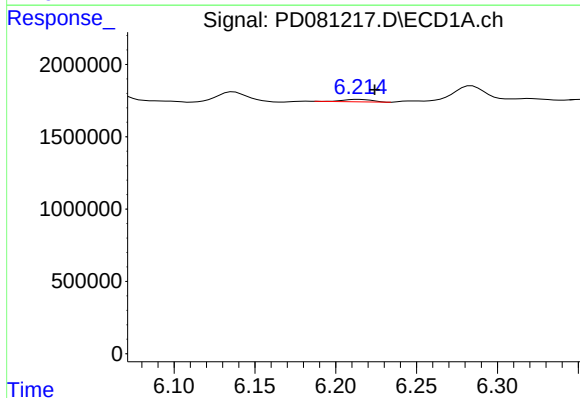
R.T.: 6.055 min  
Delta R.T.: 0.002 min  
Response: 3284353  
Conc: 1.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



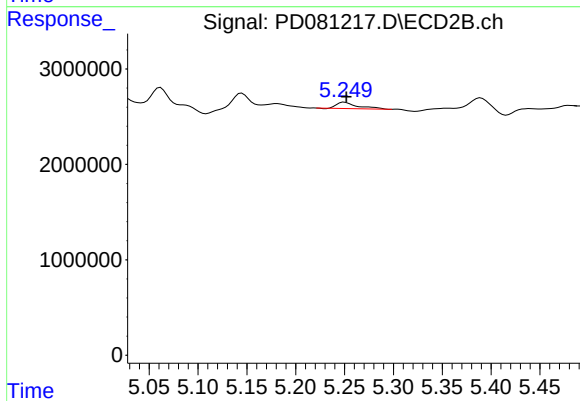
#11 alpha-Chlordane

R.T.: 5.062 min  
Delta R.T.: -0.002 min  
Response: 4761836  
Conc: 1.46 ng/ml



#12 4,4'-DDE

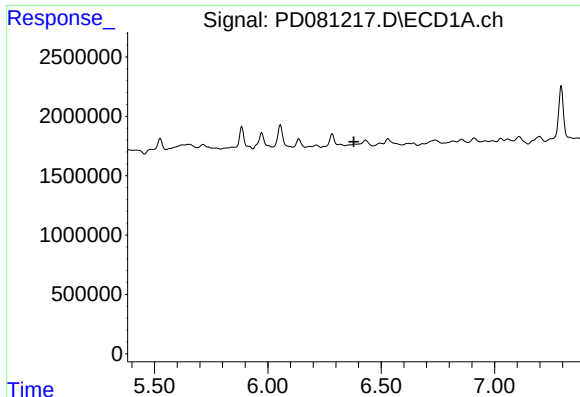
R.T.: 6.215 min  
Delta R.T.: -0.009 min  
Response: 211034  
Conc: 0.10 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min  
Delta R.T.: -0.002 min  
Response: 1003971  
Conc: 0.33 ng/ml

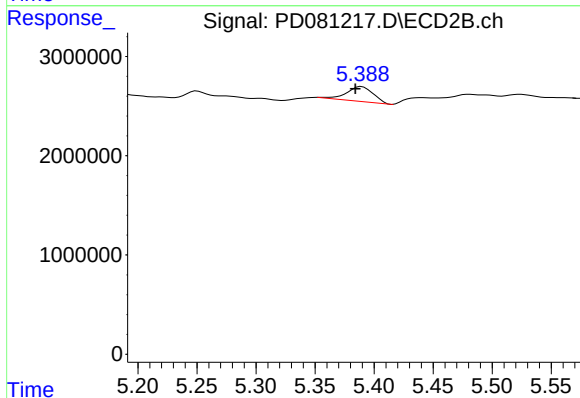




#13 Dieldrin

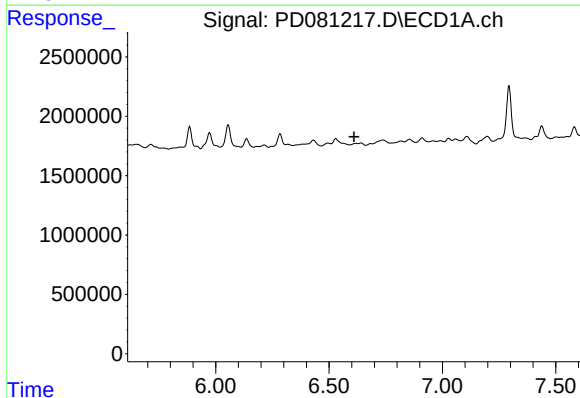
R.T.: 0.000 min  
Exp R.T.: 6.380 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



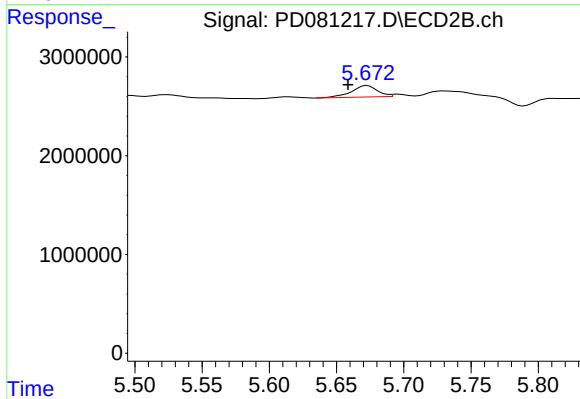
#13 Dieldrin

R.T.: 5.389 min  
Delta R.T.: 0.005 min  
Response: 2349370  
Conc: 0.69 ng/ml



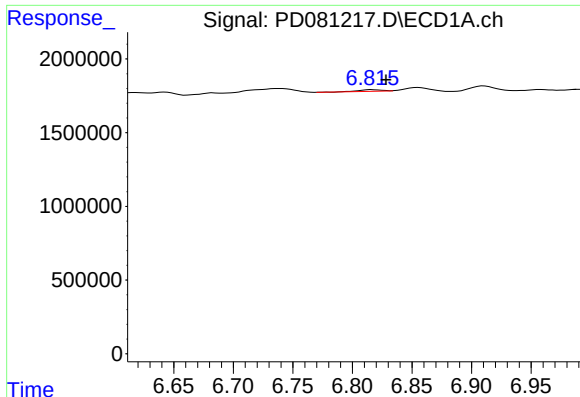
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.610 min  
Response: 0  
Conc: N.D.



#14 Endrin

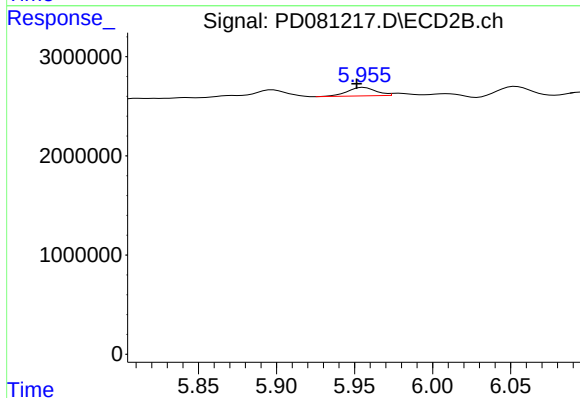
R.T.: 5.673 min  
Delta R.T.: 0.014 min  
Response: 1557849  
Conc: 0.53 ng/ml



#15 Endosulfan II

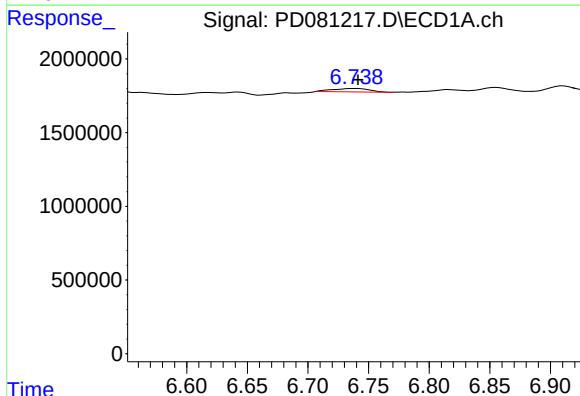
R.T.: 6.816 min  
Delta R.T.: -0.012 min  
Response: 148432  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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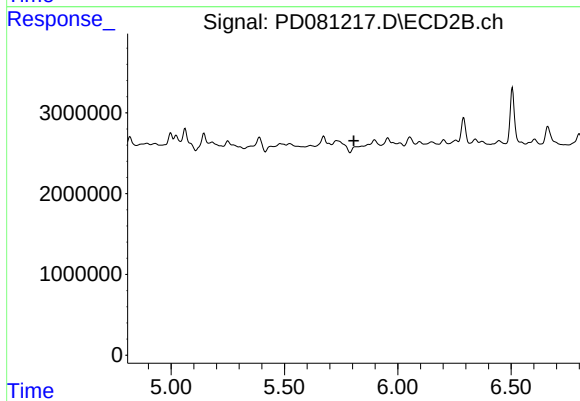
#15 Endosulfan II

R.T.: 5.956 min  
Delta R.T.: 0.005 min  
Response: 1071766  
Conc: 0.37 ng/ml



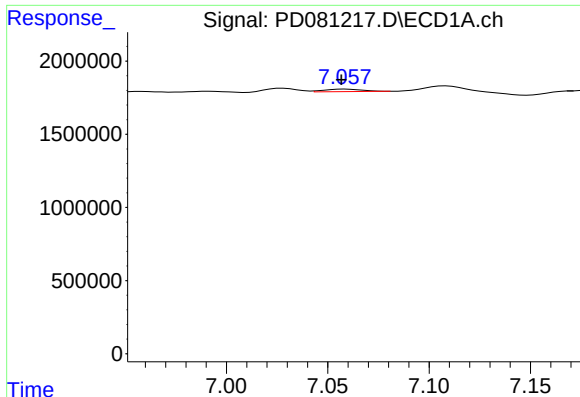
#16 4,4'-DDD

R.T.: 6.738 min  
Delta R.T.: -0.003 min  
Response: 490046  
Conc: 0.30 ng/ml



#16 4,4'-DDD

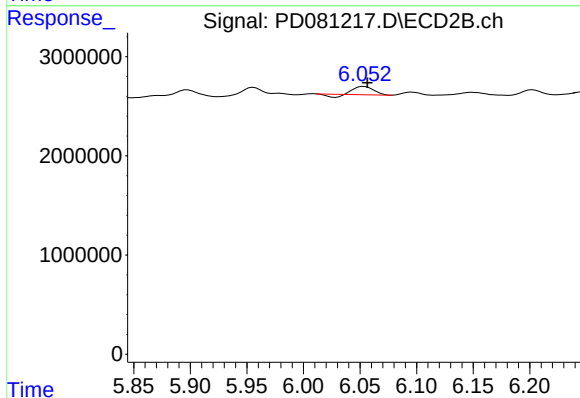
R.T.: 5.812 min  
Delta R.T.: 0.007 min  
Response: -816686  
Conc: N.D.



#17 4,4'-DDT

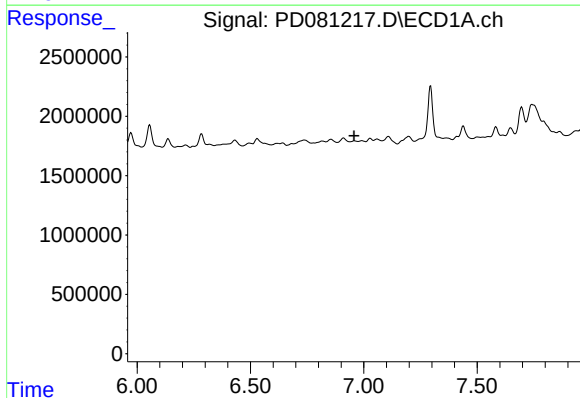
R.T.: 7.058 min  
Delta R.T.: 0.002 min  
Response: 220077  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



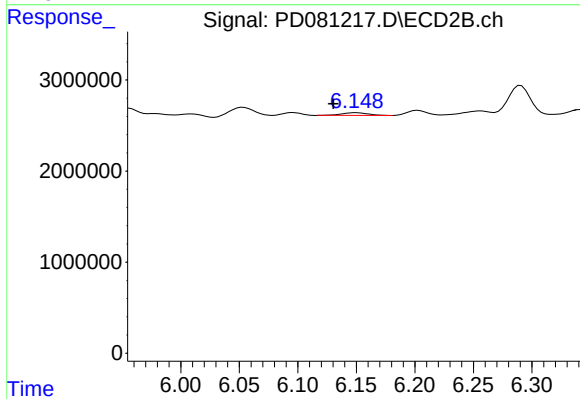
#17 4,4'-DDT

R.T.: 6.053 min  
Delta R.T.: -0.003 min  
Response: 810475  
Conc: 0.31 ng/ml



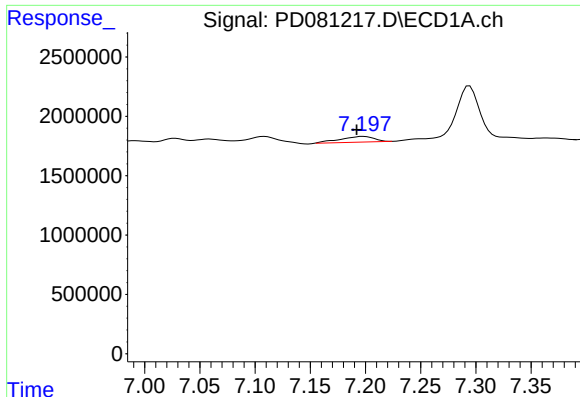
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.958 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

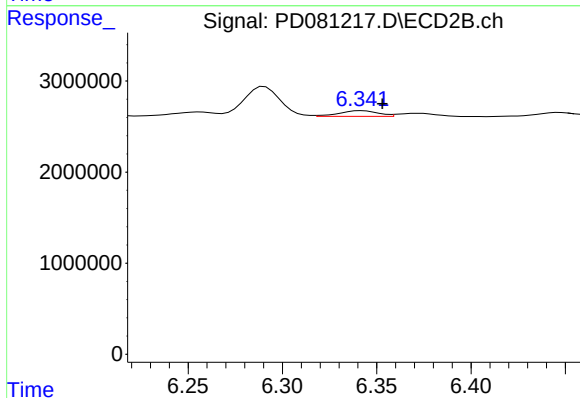
R.T.: 6.150 min  
Delta R.T.: 0.019 min  
Response: 464440  
Conc: 0.21 ng/ml



#19 Endosulfan Sulfate

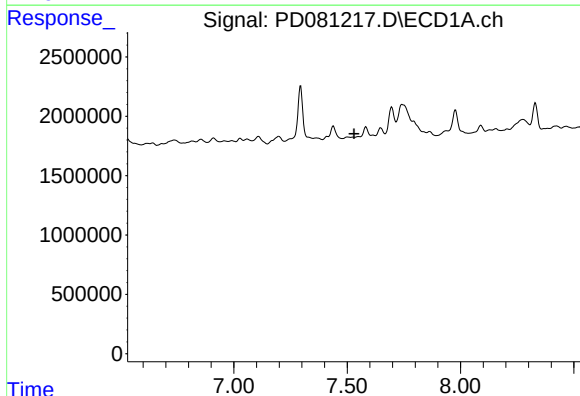
R.T.: 7.198 min  
Delta R.T.: 0.006 min  
Response: 1029021  
Conc: 0.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



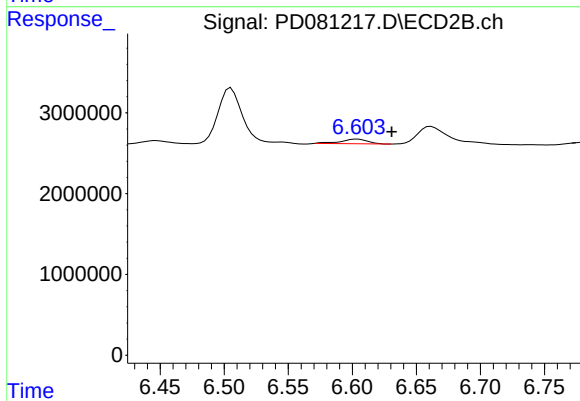
#19 Endosulfan Sulfate

R.T.: 6.342 min  
Delta R.T.: -0.011 min  
Response: 890753  
Conc: 0.32 ng/ml



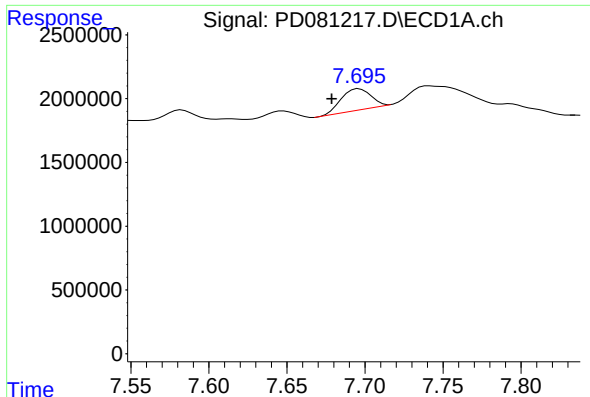
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.530 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

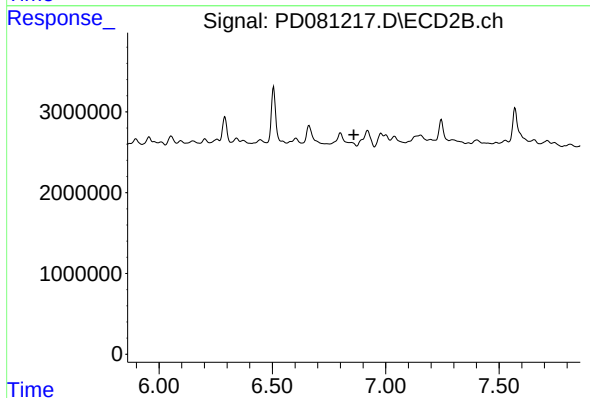
R.T.: 6.604 min  
Delta R.T.: -0.027 min  
Response: 866461  
Conc: 0.55 ng/ml



#21 Endrin ketone

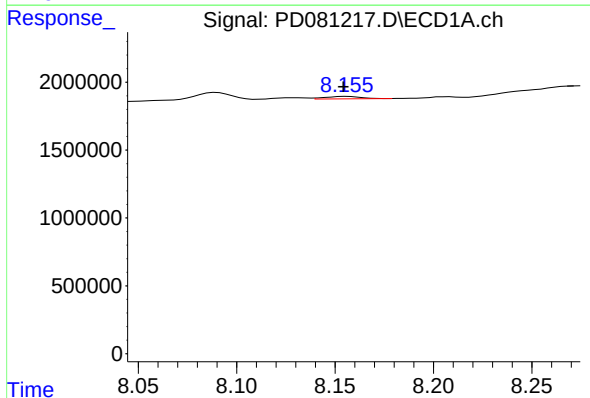
R.T.: 7.696 min  
Delta R.T.: 0.018 min  
Response: 2181642  
Conc: 1.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



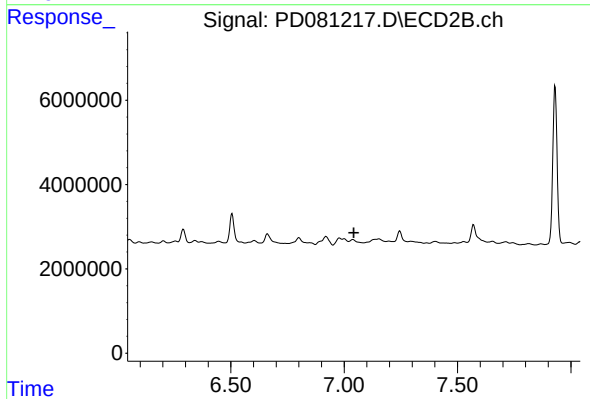
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.859 min  
Response: 0  
Conc: N.D.



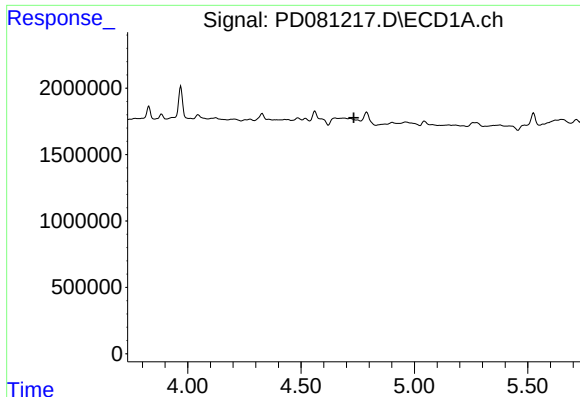
#22 Mirex

R.T.: 8.156 min  
Delta R.T.: 0.002 min  
Response: 217192  
Conc: 0.13 ng/ml



#22 Mirex

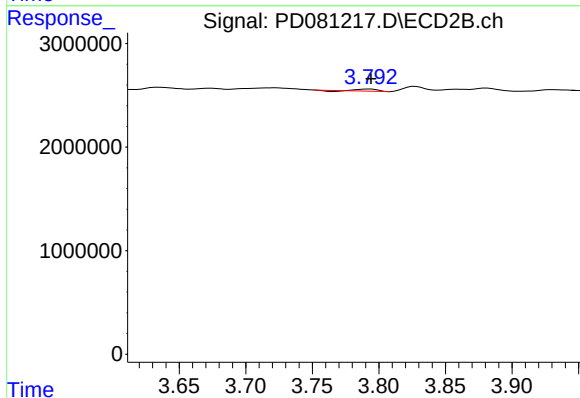
R.T.: 7.039 min  
Delta R.T.: -0.003 min  
Response: -311273  
Conc: N.D.



#23 Chlordane-1

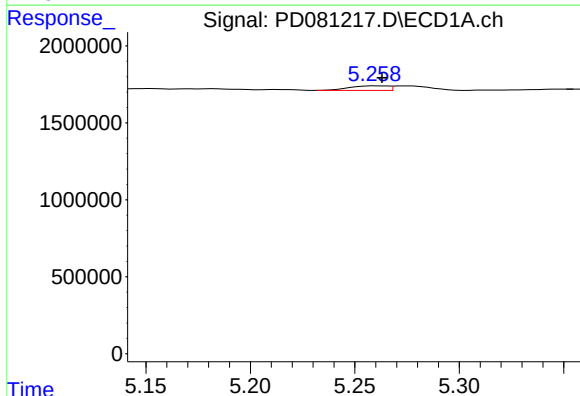
R.T.: 0.000 min  
Exp R.T.: 4.733 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



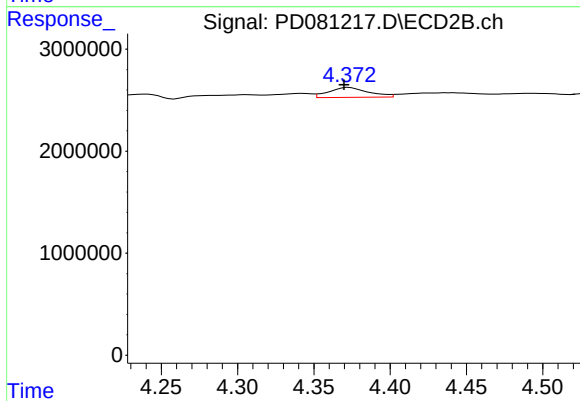
#23 Chlordane-1

R.T.: 3.793 min  
Delta R.T.: 0.000 min  
Response: 182943  
Conc: 1.80 ng/ml



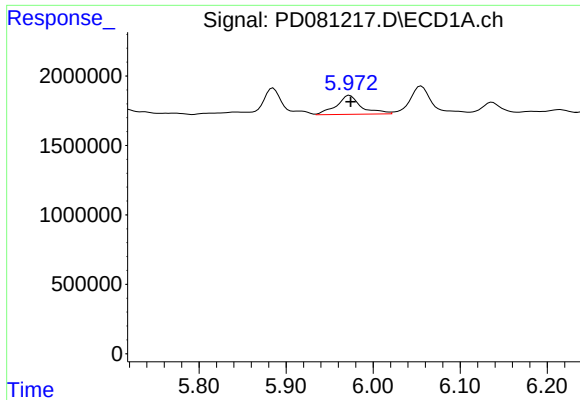
#24 Chlordane-2

R.T.: 5.260 min  
Delta R.T.: -0.003 min  
Response: 370483  
Conc: 4.48 ng/ml



#24 Chlordane-2

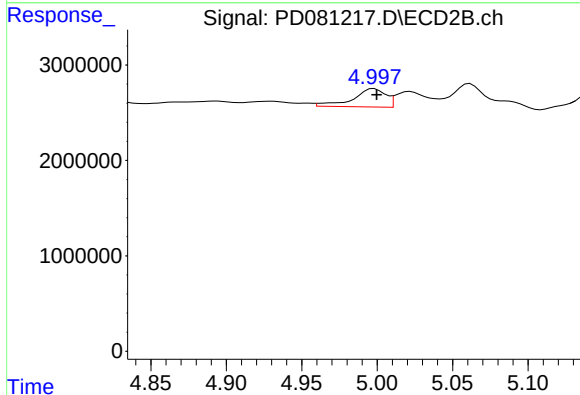
R.T.: 4.373 min  
Delta R.T.: 0.003 min  
Response: 1742962  
Conc: 14.22 ng/ml



#25 Chlordane-3

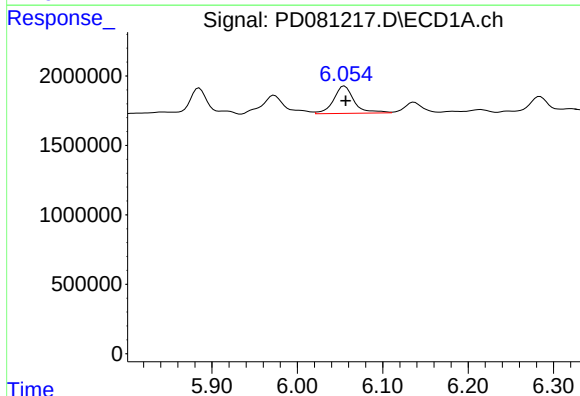
R.T.: 5.973 min  
Delta R.T.: -0.001 min  
Response: 2693485  
Conc: 8.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



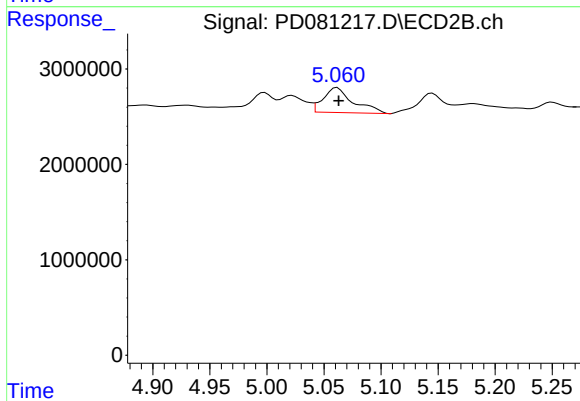
#25 Chlordane-3

R.T.: 4.998 min  
Delta R.T.: -0.002 min  
Response: 2926401  
Conc: 8.72 ng/ml



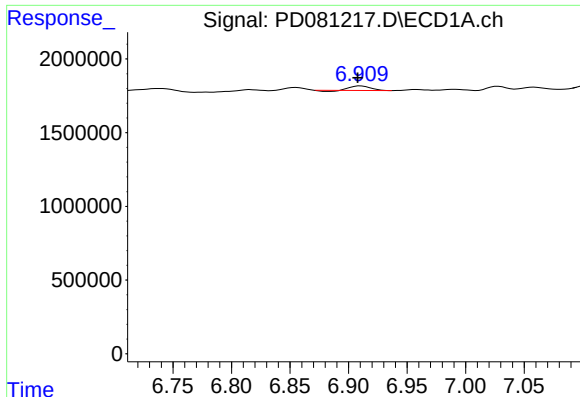
#26 Chlordane-4

R.T.: 6.055 min  
Delta R.T.: -0.001 min  
Response: 3284353  
Conc: 8.63 ng/ml



#26 Chlordane-4

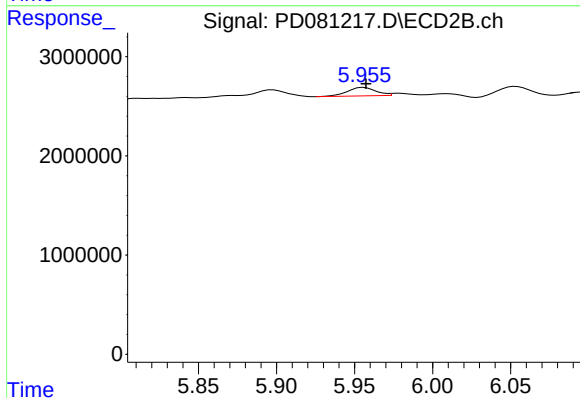
R.T.: 5.062 min  
Delta R.T.: -0.001 min  
Response: 4761836  
Conc: 14.99 ng/ml



#27 Chlordane-5

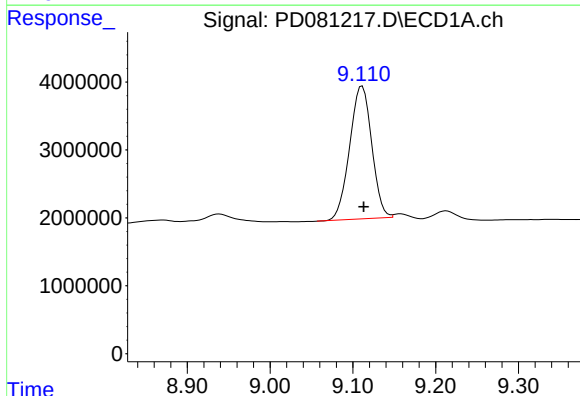
R.T.: 6.910 min  
Delta R.T.: 0.003 min  
Response: 319779  
Conc: 4.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-3



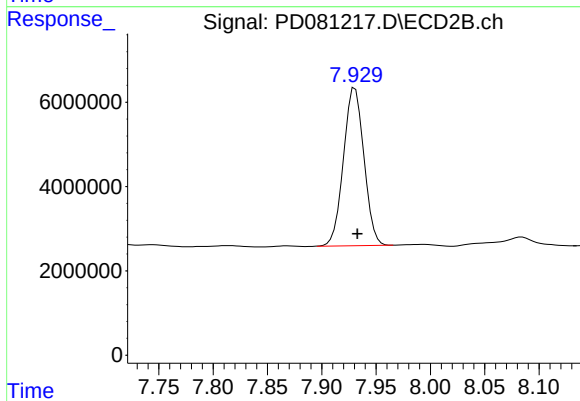
#27 Chlordane-5

R.T.: 5.956 min  
Delta R.T.: -0.001 min  
Response: 1071766  
Conc: 8.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.111 min  
Delta R.T.: -0.002 min  
Response: 36232989  
Conc: 18.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min  
Delta R.T.: -0.002 min  
Response: 49145596  
Conc: 18.45 ng/ml