

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020924\  
 Data File : PD081271.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Feb 2024 19:36  
 Operator : AR\AJ  
 Sample : P1395-04  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 B-2(6-8)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 09 22:07:42 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... | 3.566  | 2.796  | 15710986 | 31069902 | 11.067  | 12.988   |
| 28)                         | SA Decachlor... | 9.113  | 7.932  | 39185348 | 45476546 | 19.471  | 17.073   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.323f | 0        | 17871687 | N.D.    | 4.658 #  |
| 4)                          | MA Heptachlor   | 4.962  | 3.960  | 649573   | 5436687  | 0.263   | 1.577 #  |
| 5)                          | MB Aldrin       | 5.314f | 4.241  | 1841937  | 25801635 | 0.750   | 7.084 #  |
| 6)                          | B beta-BHC      | 4.563  | 3.937  | -236946  | 4905686  | N.D.    | 3.139    |
| 7)                          | B delta-BHC     | 4.803  | 4.160  | 4807379  | 10275712 | 1.916   | 2.738 #  |
| 8)                          | B Heptachlo...  | 5.709  | 4.746  | 8045894  | 12090185 | 3.593   | 3.610    |
| 9)                          | A Endosulfan I  | 6.075f | 5.098f | 2557840  | 2244044  | 1.233   | 0.733 #  |
| 10)                         | B gamma-Chl...  | 5.999f | 4.975f | 3555099  | 12247591 | 1.624   | 3.744 #  |
| 11)                         | B alpha-Chl...  | 6.075f | 5.052  | 2557840  | 2567353  | 1.175   | 0.785 #  |
| 12)                         | B 4,4'-DDE      | 6.229  | 5.252  | 11382541 | 6348943  | 5.594   | 2.073 #  |
| 13)                         | MA Dieldrin     | 6.378  | 5.383  | 1893727  | 1672853  | 0.857   | 0.492 #  |
| 14)                         | MA Endrin       | 6.607  | 5.665  | 1855259  | 1539590  | 0.993   | 0.520 #  |
| 15)                         | B Endosulfa...  | 6.824  | 5.943  | 1941110  | 2121108  | 1.002   | 0.738 #  |
| 16)                         | A 4,4'-DDD      | 6.752  | 5.804  | 17676073 | 1381386  | 10.758  | 0.526 #  |
| 17)                         | MA 4,4'-DDT     | 7.065  | 6.050  | 152766   | 12474867 | 0.086   | 4.702 #  |
| 18)                         | B Endrin al...  | 6.984f | 6.151f | 1040243  | 9366455  | 0.684   | 4.154 #  |
| 19)                         | B Endosulfa...  | 7.169f | 6.351  | 4531570  | 17411993 | 2.387   | 6.242 #  |
| 20)                         | A Methoxychlor  | 7.511f | 6.606f | 327823   | 19533659 | 0.318   | 12.480 # |
| 21)                         | B Endrin ke...  | 7.652f | 6.888f | 22662307 | 4147576  | 10.837  | 1.285 #  |
| 23)                         | Chlordane-1     | 4.729  | 3.819f | 1550545  | 737525   | 20.082  | 7.252 #  |
| 24)                         | Chlordane-2     | 5.268  | 4.381  | 16659987 | 4363961  | 201.252 | 35.604 # |
| 25)                         | Chlordane-3     | 5.999f | 4.975f | 3555099  | 12247591 | 11.258  | 36.493 # |
| 26)                         | Chlordane-4     | 6.075f | 5.052  | 2557840  | 2567353  | 6.718   | 8.081    |
| 27)                         | Chlordane-5     | 6.923  | 5.943  | -182211  | 2121108  | N.D.    | 17.495   |
| -----                       |                 |        |        |          |          |         |          |

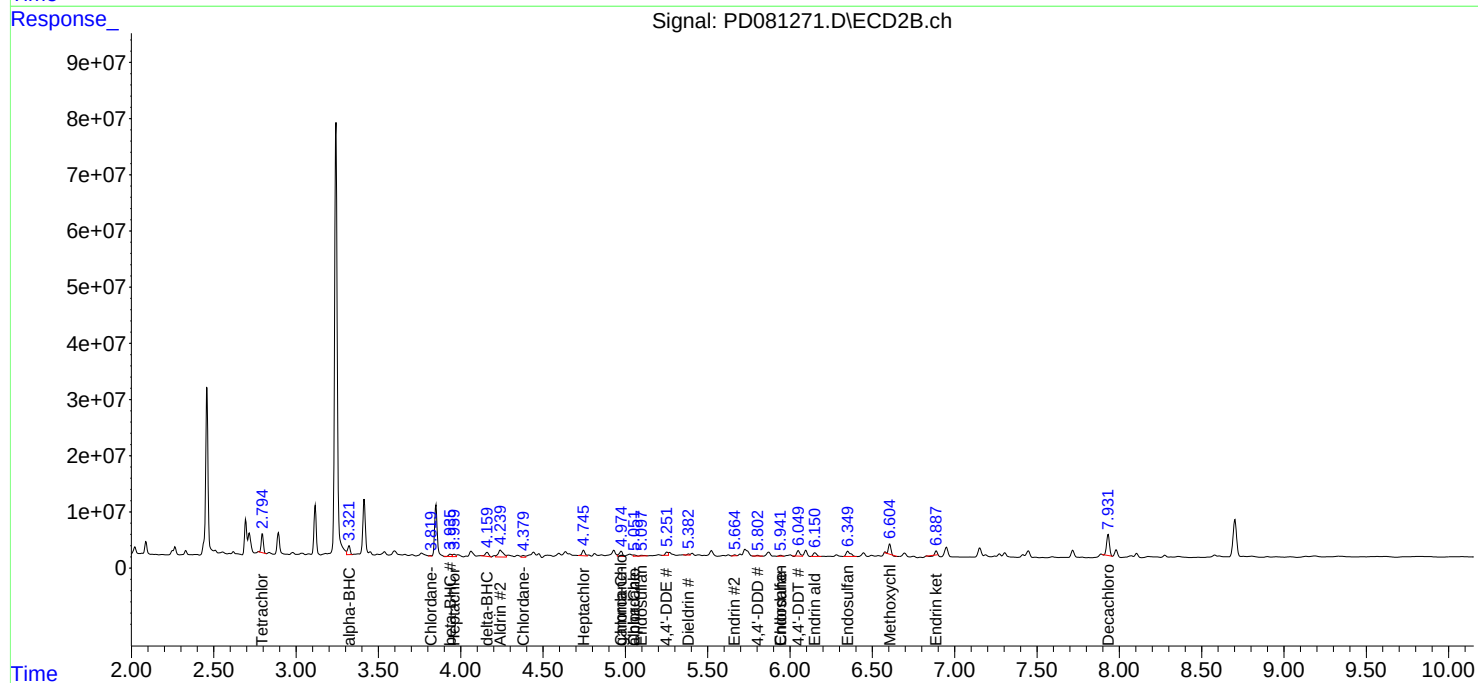
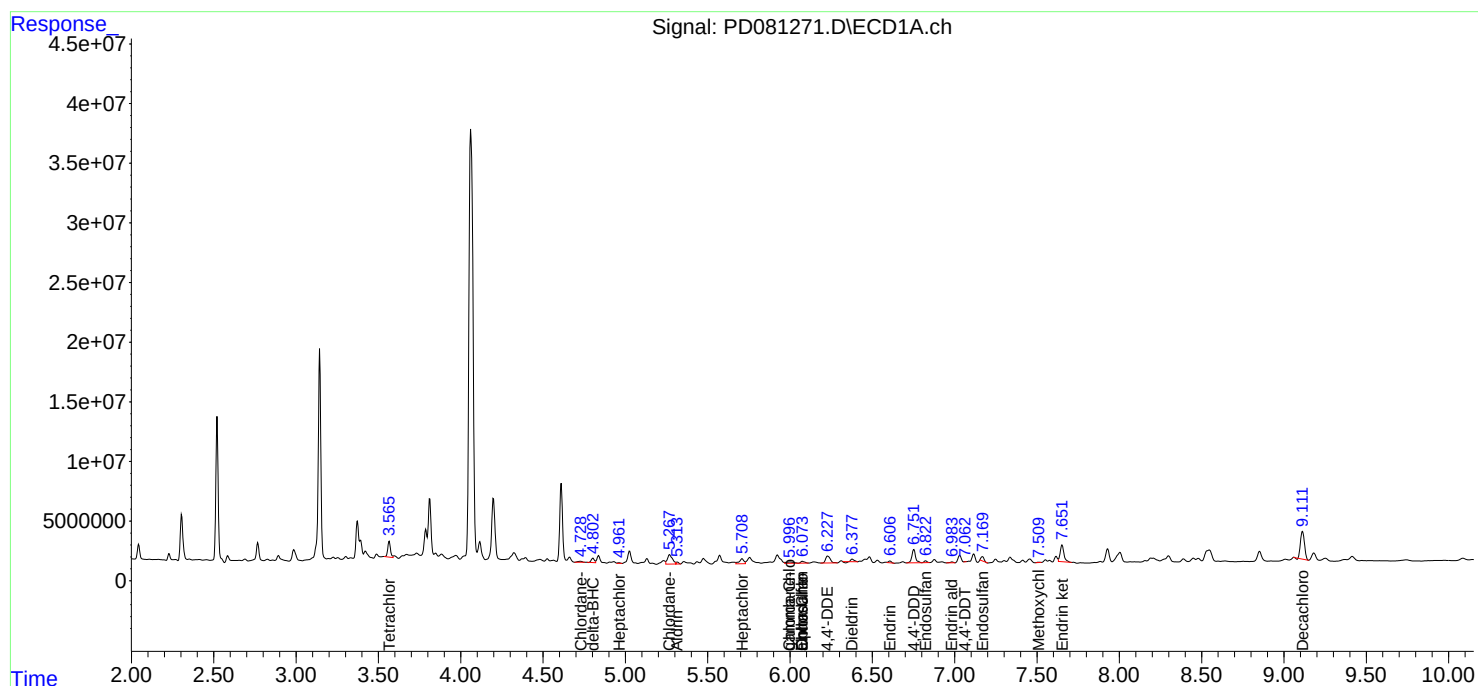
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

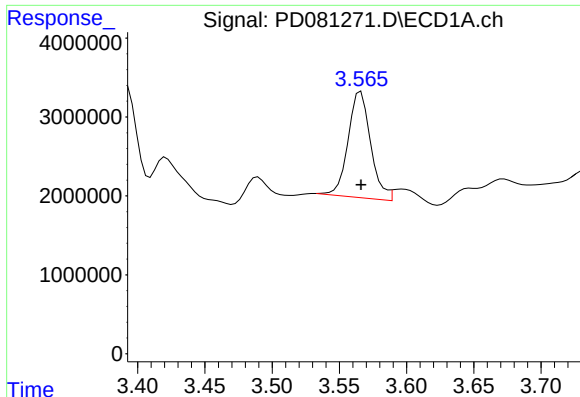
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020924\  
Data File : PD081271.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Feb 2024 19:36  
Operator : AR\AJ  
Sample : P1395-04  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 09 22:07:42 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 25 11:14:56 2024  
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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

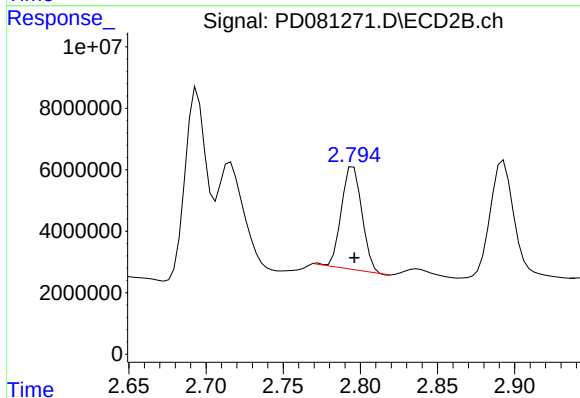




#1 Tetrachloro-m-xylene

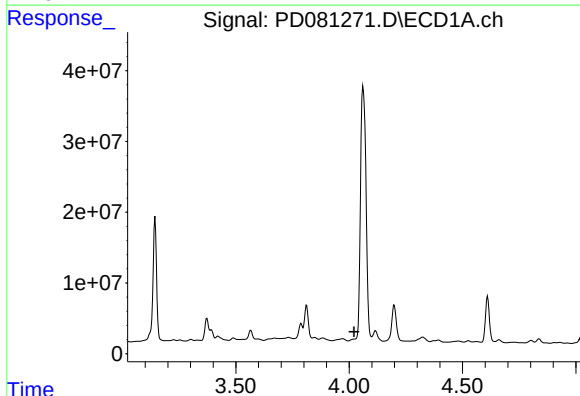
R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 15710986  
Conc: 11.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



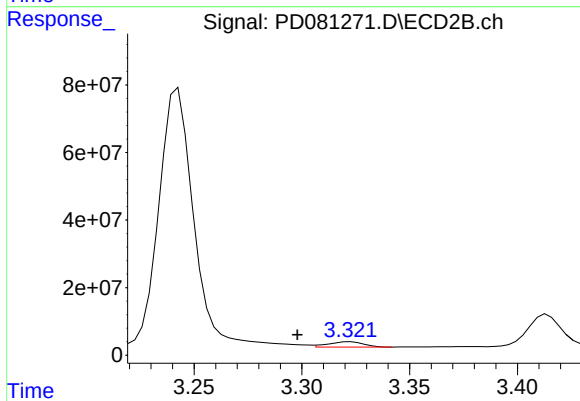
#1 Tetrachloro-m-xylene

R.T.: 2.796 min  
Delta R.T.: 0.000 min  
Response: 31069902  
Conc: 12.99 ng/ml



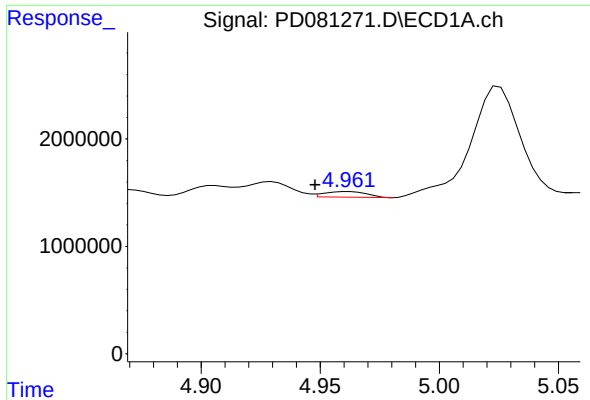
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.022 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

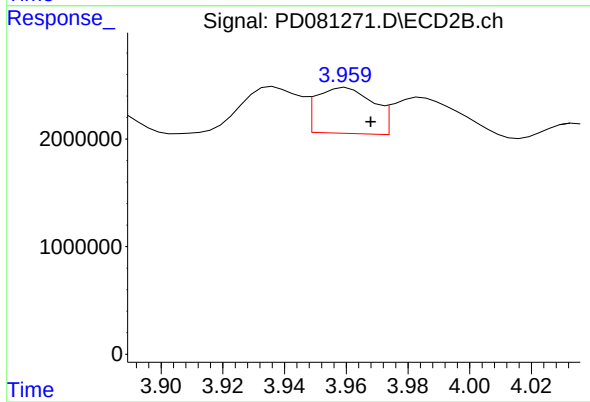
R.T.: 3.323 min  
Delta R.T.: 0.025 min  
Response: 17871687  
Conc: 4.66 ng/ml



#4 Heptachlor

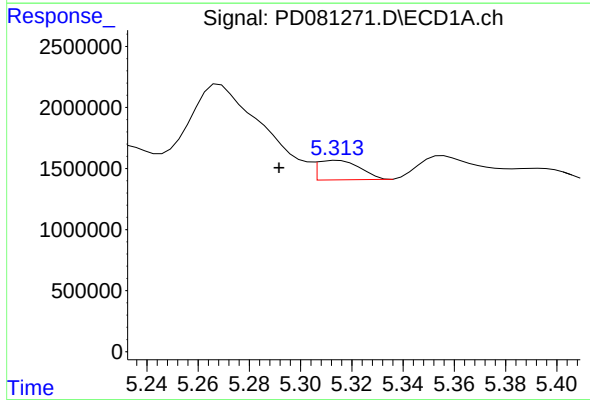
R.T.: 4.962 min  
Delta R.T.: 0.014 min  
Response: 649573  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



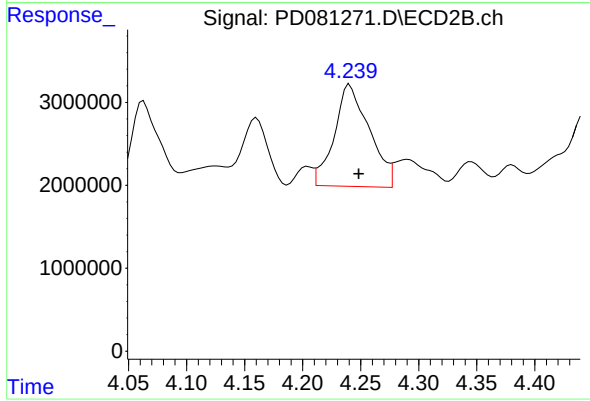
#4 Heptachlor

R.T.: 3.960 min  
Delta R.T.: -0.008 min  
Response: 5436687  
Conc: 1.58 ng/ml



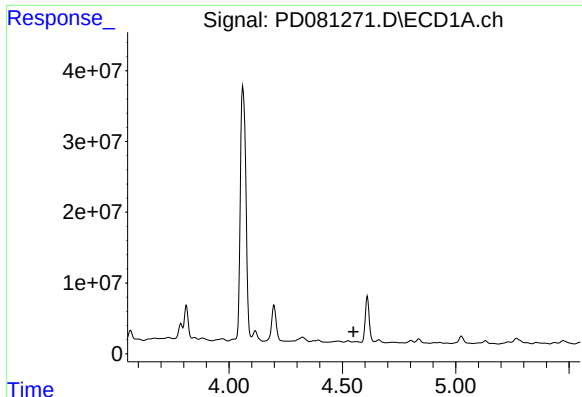
#5 Aldrin

R.T.: 5.314 min  
Delta R.T.: 0.023 min  
Response: 1841937  
Conc: 0.75 ng/ml



#5 Aldrin

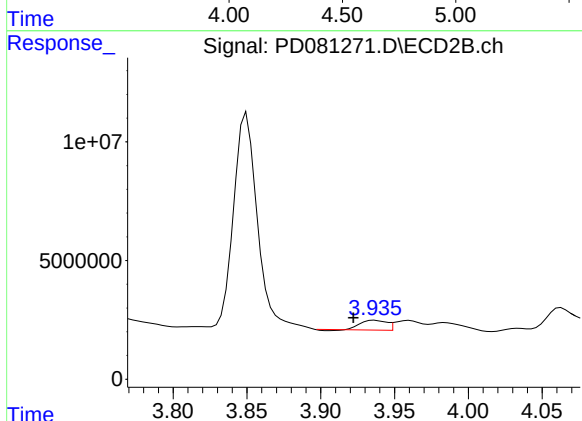
R.T.: 4.241 min  
Delta R.T.: -0.008 min  
Response: 25801635  
Conc: 7.08 ng/ml



#6 beta-BHC

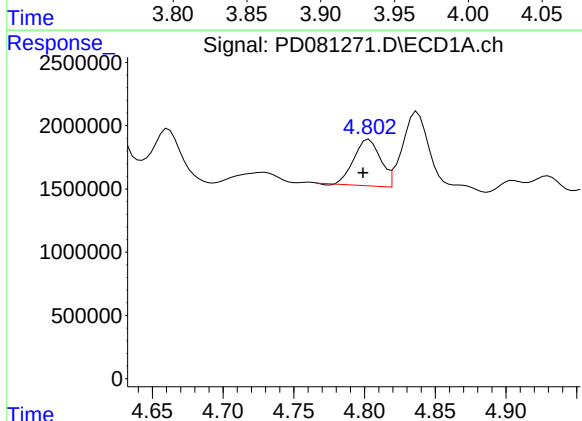
R.T.: 4.563 min  
Delta R.T.: 0.014 min  
Response: -236946  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



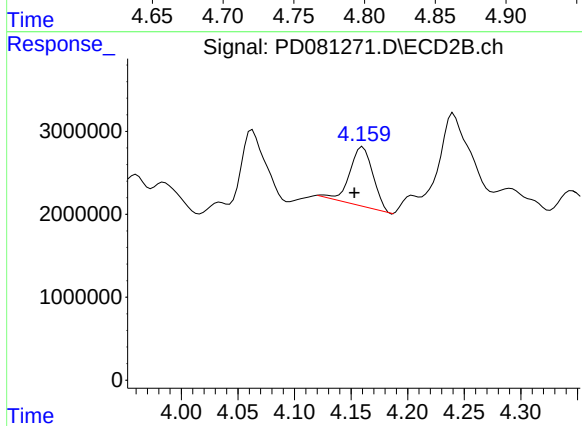
#6 beta-BHC

R.T.: 3.937 min  
Delta R.T.: 0.014 min  
Response: 4905686  
Conc: 3.14 ng/ml



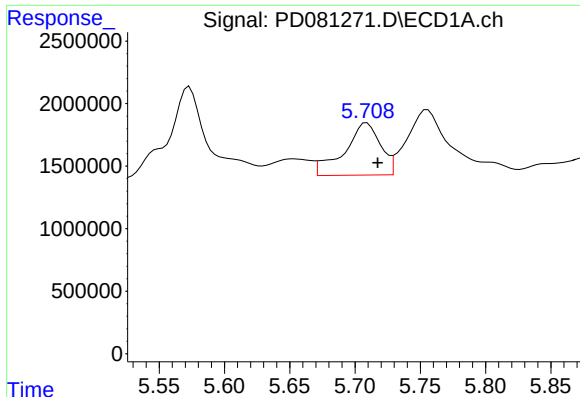
#7 delta-BHC

R.T.: 4.803 min  
Delta R.T.: 0.004 min  
Response: 4807379  
Conc: 1.92 ng/ml



#7 delta-BHC

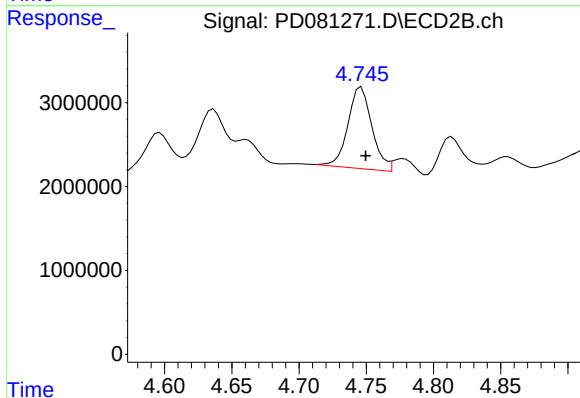
R.T.: 4.160 min  
Delta R.T.: 0.007 min  
Response: 10275712  
Conc: 2.74 ng/ml



#8 Heptachlor epoxide

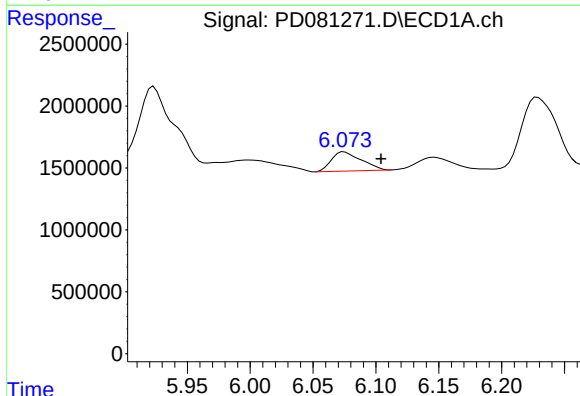
R.T.: 5.709 min  
Delta R.T.: -0.008 min  
Response: 8045894  
Conc: 3.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



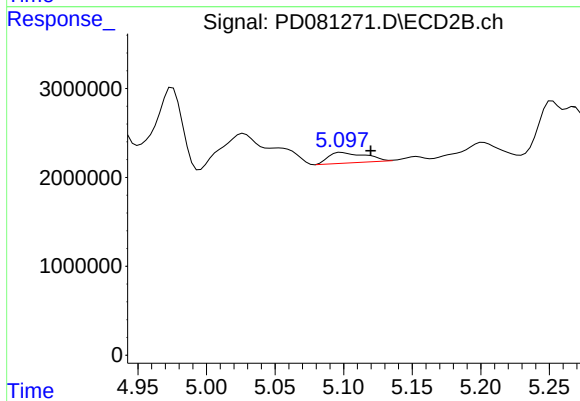
#8 Heptachlor epoxide

R.T.: 4.746 min  
Delta R.T.: -0.003 min  
Response: 12090185  
Conc: 3.61 ng/ml



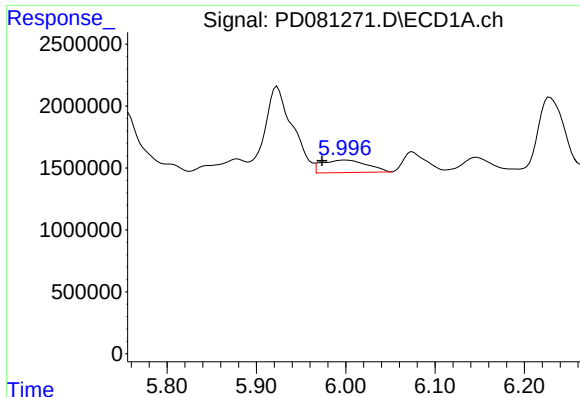
#9 Endosulfan I

R.T.: 6.075 min  
Delta R.T.: -0.029 min  
Response: 2557840  
Conc: 1.23 ng/ml



#9 Endosulfan I

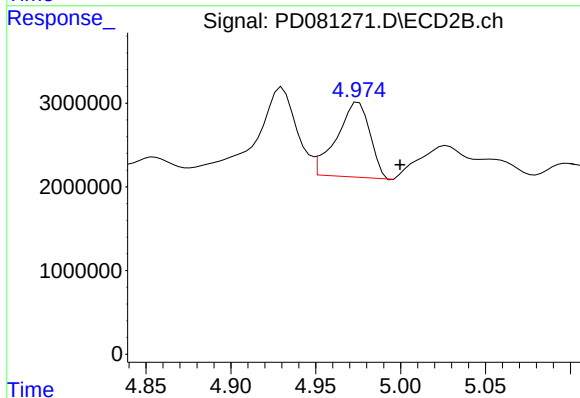
R.T.: 5.098 min  
Delta R.T.: -0.022 min  
Response: 2244044  
Conc: 0.73 ng/ml



#10 gamma-Chlordane

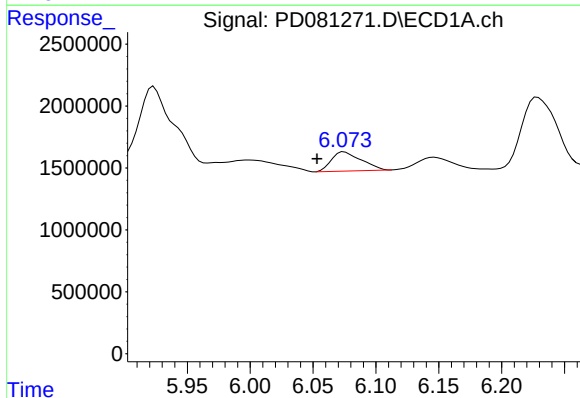
R.T.: 5.999 min  
Delta R.T.: 0.026 min  
Response: 3555099  
Conc: 1.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



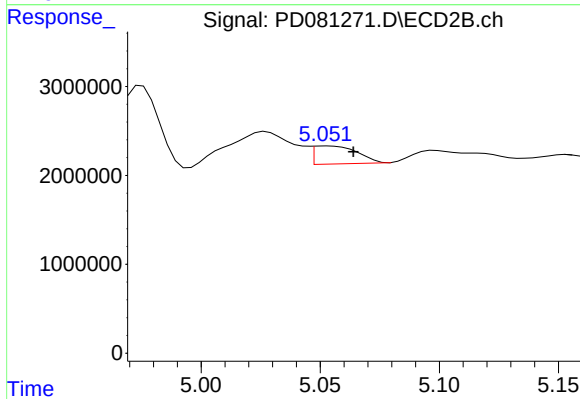
#10 gamma-Chlordane

R.T.: 4.975 min  
Delta R.T.: -0.024 min  
Response: 12247591  
Conc: 3.74 ng/ml



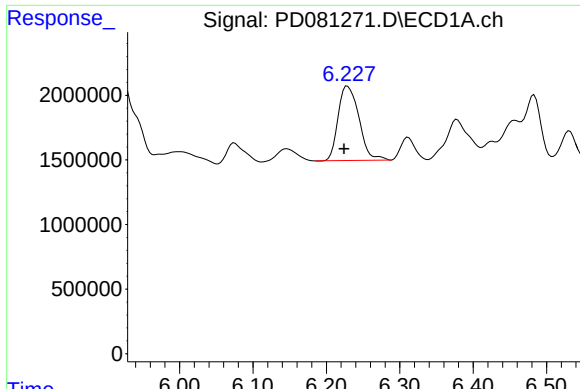
#11 alpha-Chlordane

R.T.: 6.075 min  
Delta R.T.: 0.022 min  
Response: 2557840  
Conc: 1.17 ng/ml



#11 alpha-Chlordane

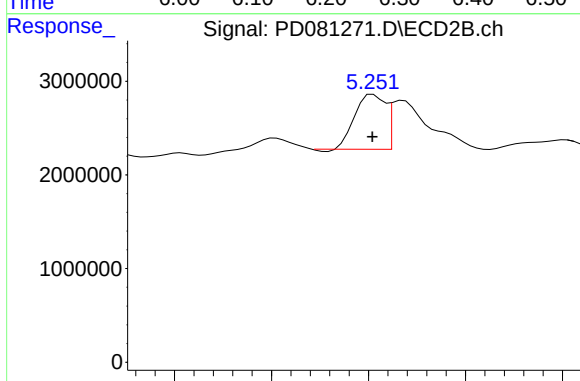
R.T.: 5.052 min  
Delta R.T.: -0.012 min  
Response: 2567353  
Conc: 0.79 ng/ml



#12 4,4'-DDE

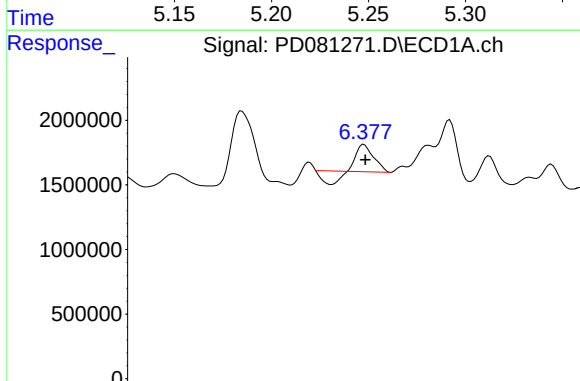
R.T.: 6.229 min  
Delta R.T.: 0.005 min  
Response: 11382541  
Conc: 5.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



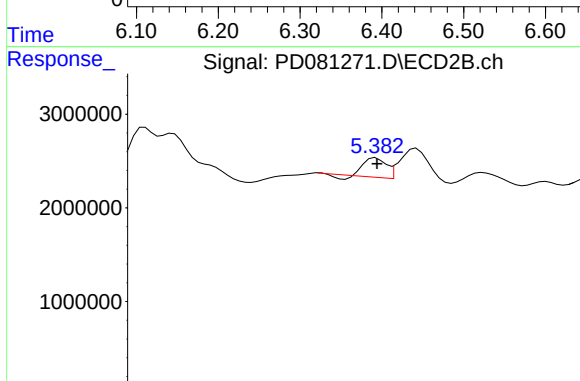
#12 4,4'-DDE

R.T.: 5.252 min  
Delta R.T.: 0.000 min  
Response: 6348943  
Conc: 2.07 ng/ml



#13 Dieldrin

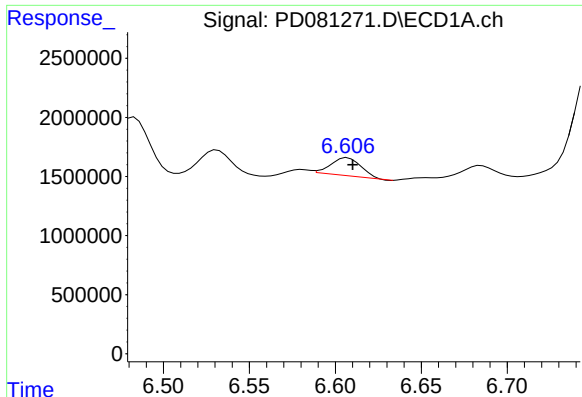
R.T.: 6.378 min  
Delta R.T.: -0.002 min  
Response: 1893727  
Conc: 0.86 ng/ml



#13 Dieldrin

R.T.: 5.383 min  
Delta R.T.: 0.000 min  
Response: 1672853  
Conc: 0.49 ng/ml

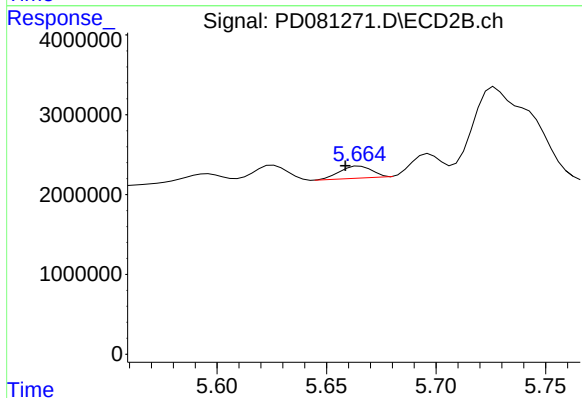




#14 Endrin

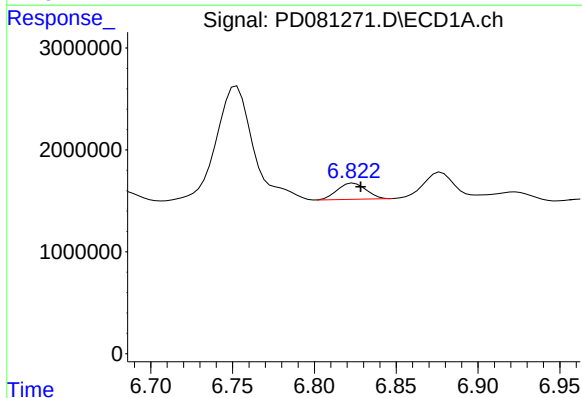
R.T.: 6.607 min  
Delta R.T.: -0.003 min  
Response: 1855259  
Conc: 0.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



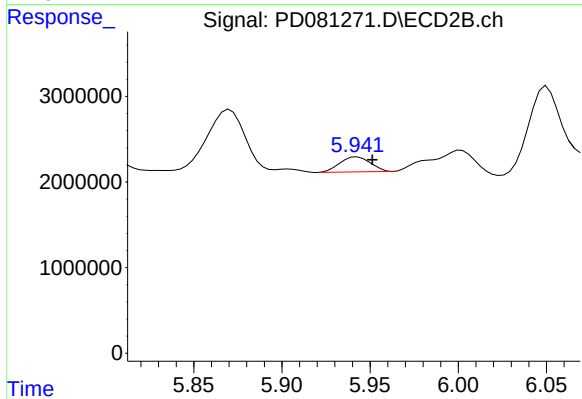
#14 Endrin

R.T.: 5.665 min  
Delta R.T.: 0.007 min  
Response: 1539590  
Conc: 0.52 ng/ml



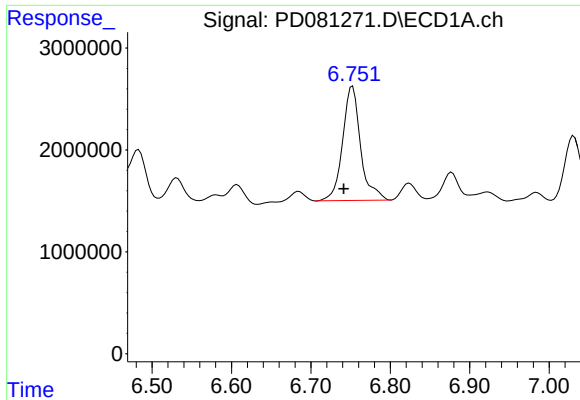
#15 Endosulfan II

R.T.: 6.824 min  
Delta R.T.: -0.004 min  
Response: 1941110  
Conc: 1.00 ng/ml



#15 Endosulfan II

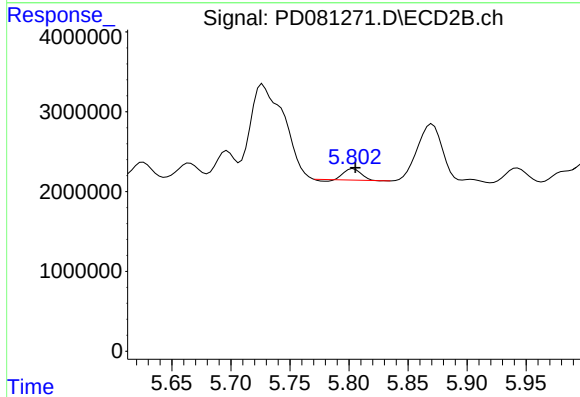
R.T.: 5.943 min  
Delta R.T.: -0.009 min  
Response: 2121108  
Conc: 0.74 ng/ml



#16 4,4'-DDD

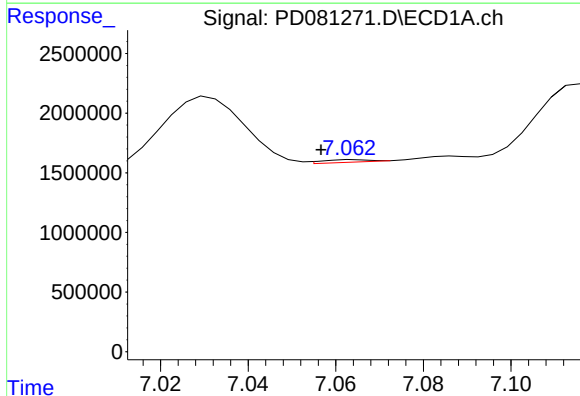
R.T.: 6.752 min  
Delta R.T.: 0.011 min  
Response: 17676073  
Conc: 10.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



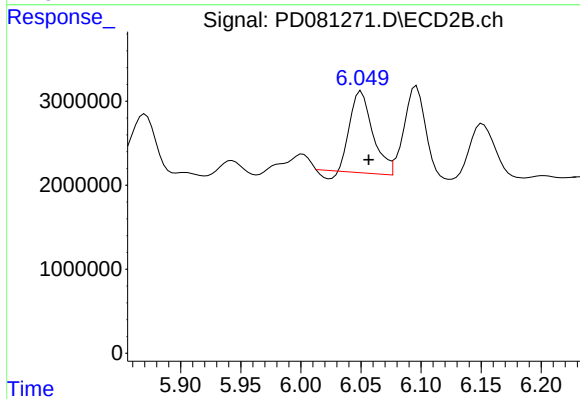
#16 4,4'-DDD

R.T.: 5.804 min  
Delta R.T.: -0.002 min  
Response: 1381386  
Conc: 0.53 ng/ml



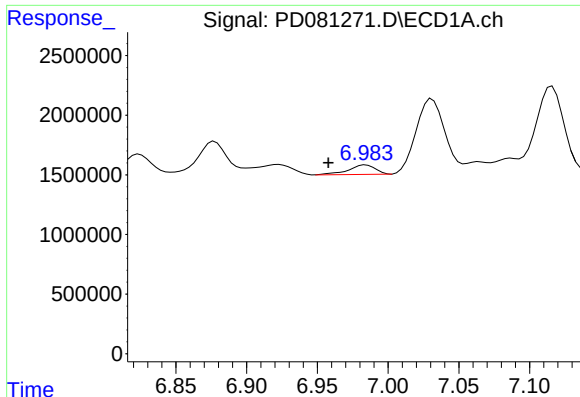
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: 0.008 min  
Response: 152766  
Conc: 0.09 ng/ml



#17 4,4'-DDT

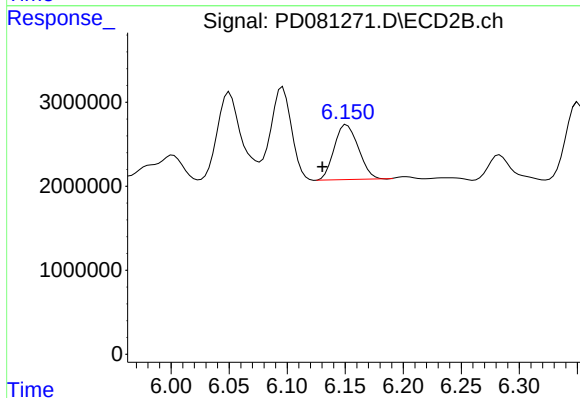
R.T.: 6.050 min  
Delta R.T.: -0.006 min  
Response: 12474867  
Conc: 4.70 ng/ml



#18 Endrin aldehyde

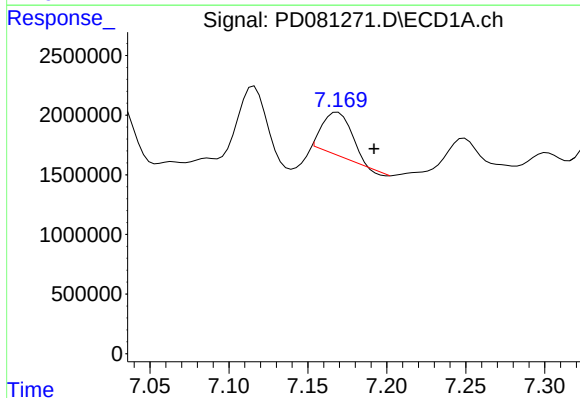
R.T.: 6.984 min  
Delta R.T.: 0.026 min  
Response: 1040243  
Conc: 0.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



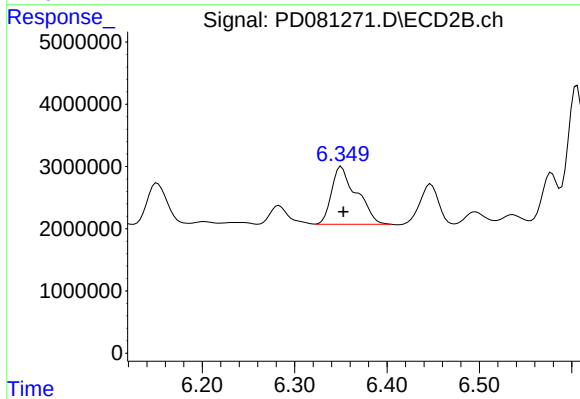
#18 Endrin aldehyde

R.T.: 6.151 min  
Delta R.T.: 0.021 min  
Response: 9366455  
Conc: 4.15 ng/ml



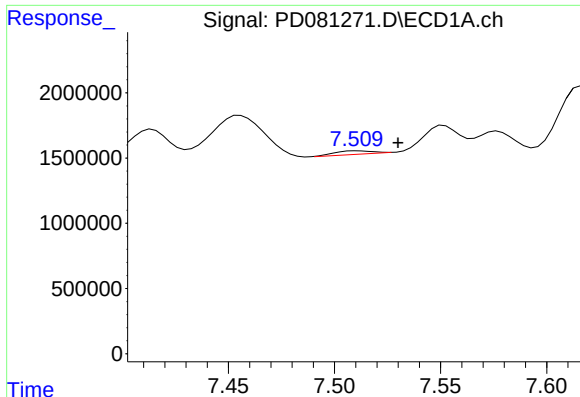
#19 Endosulfan Sulfate

R.T.: 7.169 min  
Delta R.T.: -0.023 min  
Response: 4531570  
Conc: 2.39 ng/ml



#19 Endosulfan Sulfate

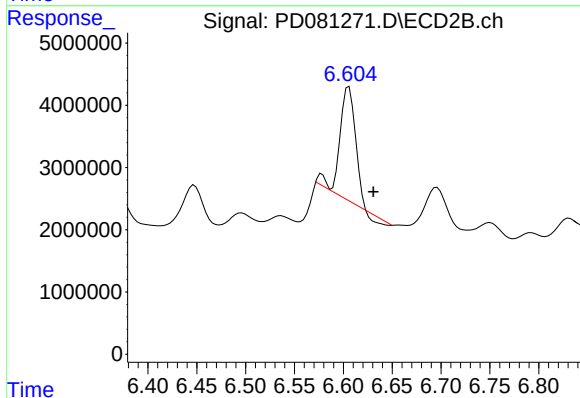
R.T.: 6.351 min  
Delta R.T.: -0.002 min  
Response: 17411993  
Conc: 6.24 ng/ml



#20 Methoxychlor

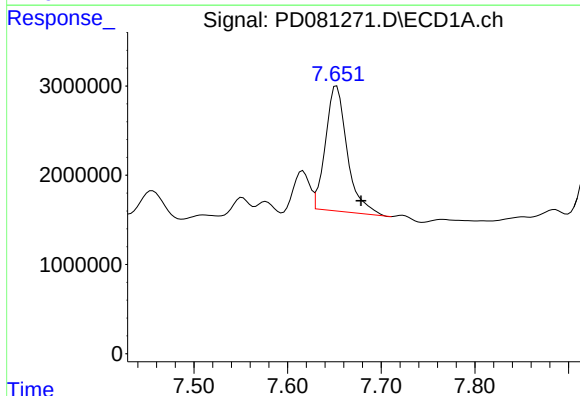
R.T.: 7.511 min  
Delta R.T.: -0.019 min  
Response: 327823  
Conc: 0.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



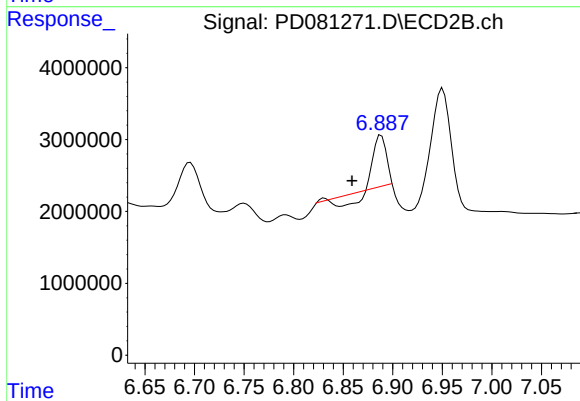
#20 Methoxychlor

R.T.: 6.606 min  
Delta R.T.: -0.025 min  
Response: 19533659  
Conc: 12.48 ng/ml



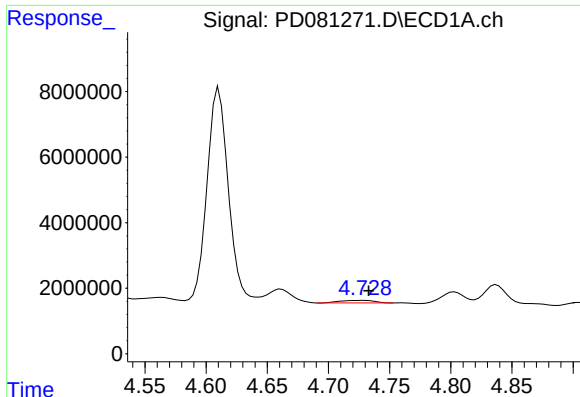
#21 Endrin ketone

R.T.: 7.652 min  
Delta R.T.: -0.026 min  
Response: 22662307  
Conc: 10.84 ng/ml



#21 Endrin ketone

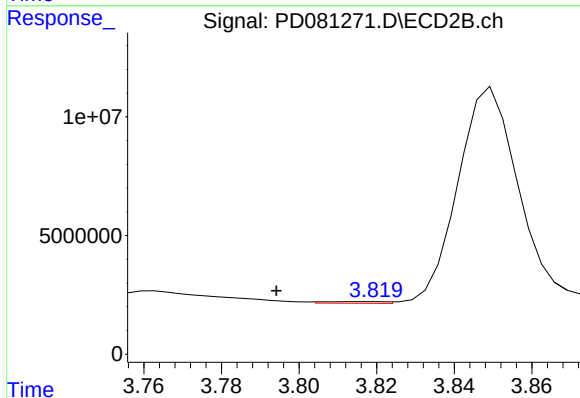
R.T.: 6.888 min  
Delta R.T.: 0.029 min  
Response: 4147576  
Conc: 1.29 ng/ml



#23 Chlordane-1

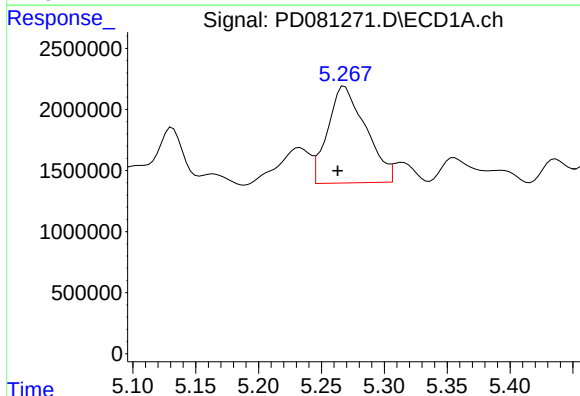
R.T.: 4.729 min  
Delta R.T.: -0.004 min  
Response: 1550545  
Conc: 20.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



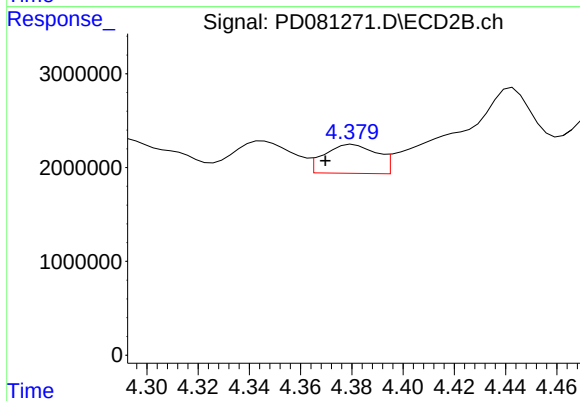
#23 Chlordane-1

R.T.: 3.819 min  
Delta R.T.: 0.024 min  
Response: 737525  
Conc: 7.25 ng/ml



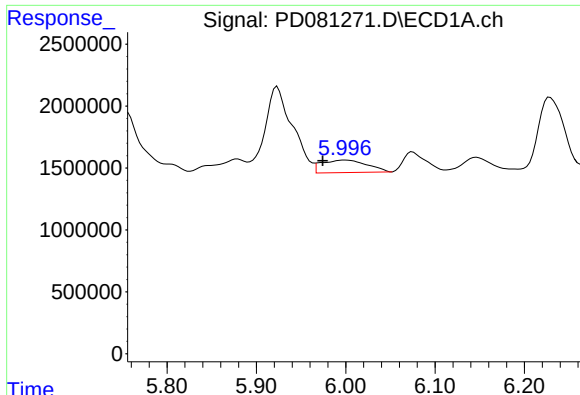
#24 Chlordane-2

R.T.: 5.268 min  
Delta R.T.: 0.005 min  
Response: 16659987  
Conc: 201.25 ng/ml



#24 Chlordane-2

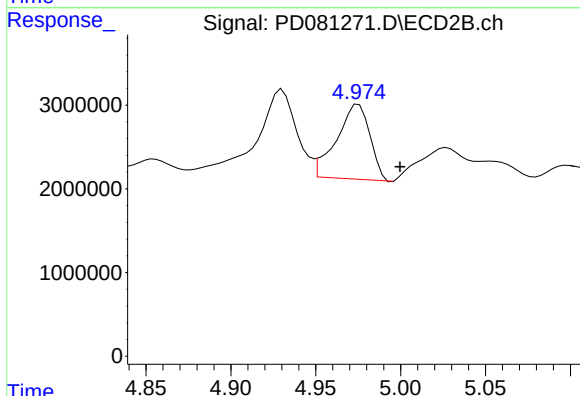
R.T.: 4.381 min  
Delta R.T.: 0.011 min  
Response: 4363961  
Conc: 35.60 ng/ml



#25 Chlordane-3

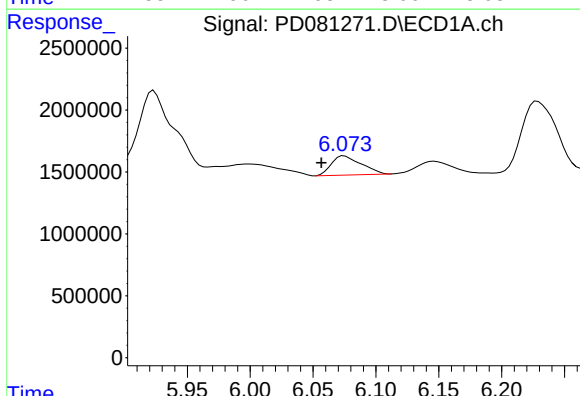
R.T.: 5.999 min  
Delta R.T.: 0.025 min  
Response: 3555099  
Conc: 11.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



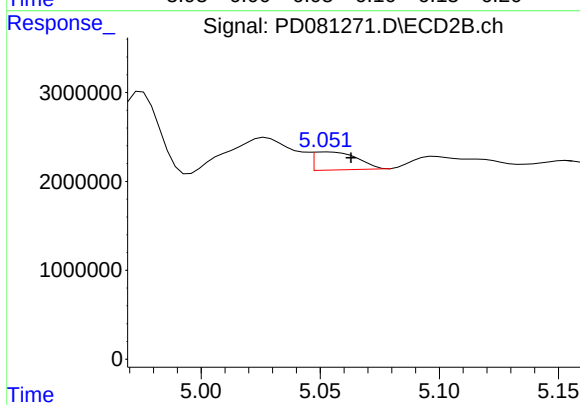
#25 Chlordane-3

R.T.: 4.975 min  
Delta R.T.: -0.024 min  
Response: 12247591  
Conc: 36.49 ng/ml



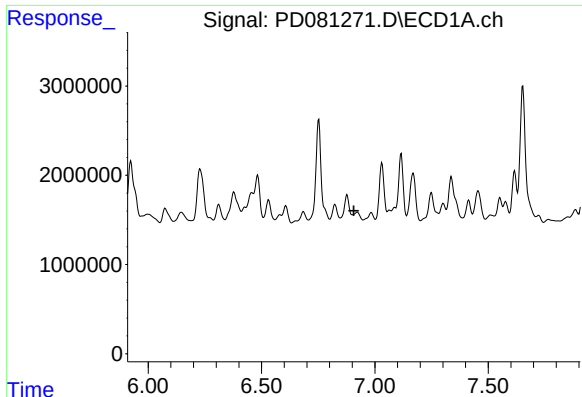
#26 Chlordane-4

R.T.: 6.075 min  
Delta R.T.: 0.018 min  
Response: 2557840  
Conc: 6.72 ng/ml



#26 Chlordane-4

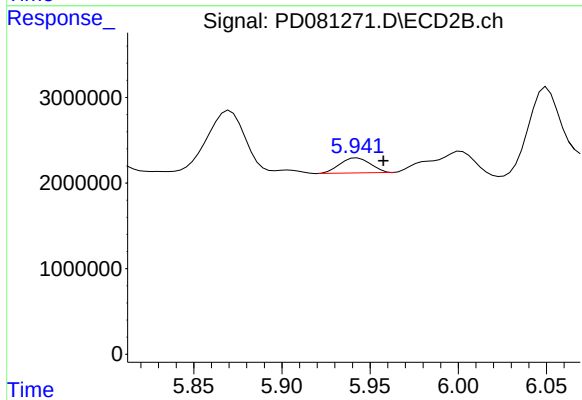
R.T.: 5.052 min  
Delta R.T.: -0.011 min  
Response: 2567353  
Conc: 8.08 ng/ml



#27 Chlordane-5

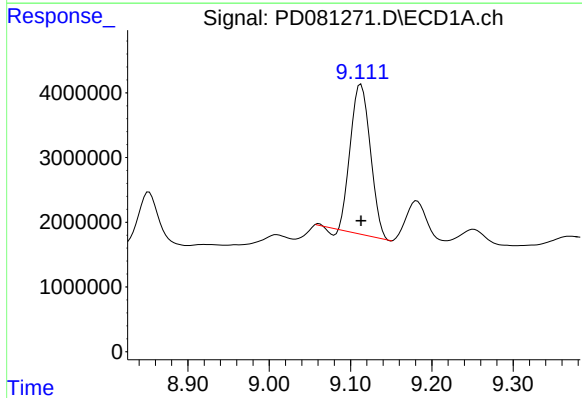
R.T.: 6.923 min  
Delta R.T.: 0.015 min  
Response: -182211  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
B-2(6-8)



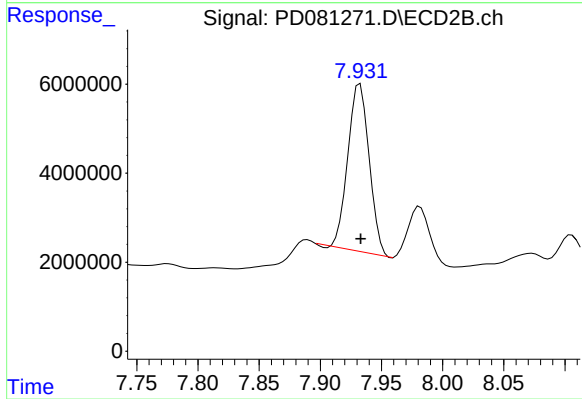
#27 Chlordane-5

R.T.: 5.943 min  
Delta R.T.: -0.015 min  
Response: 2121108  
Conc: 17.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: 0.000 min  
Response: 39185348  
Conc: 19.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min  
Delta R.T.: 0.000 min  
Response: 45476546  
Conc: 17.07 ng/ml