

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060419\  
 Data File : PD053496.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 04 Jun 2019 12:03  
 Operator : SM\AJ  
 Sample : K3006-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFH88

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 02:01:25 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052119CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 22 06:53:42 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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 x 0.50µm

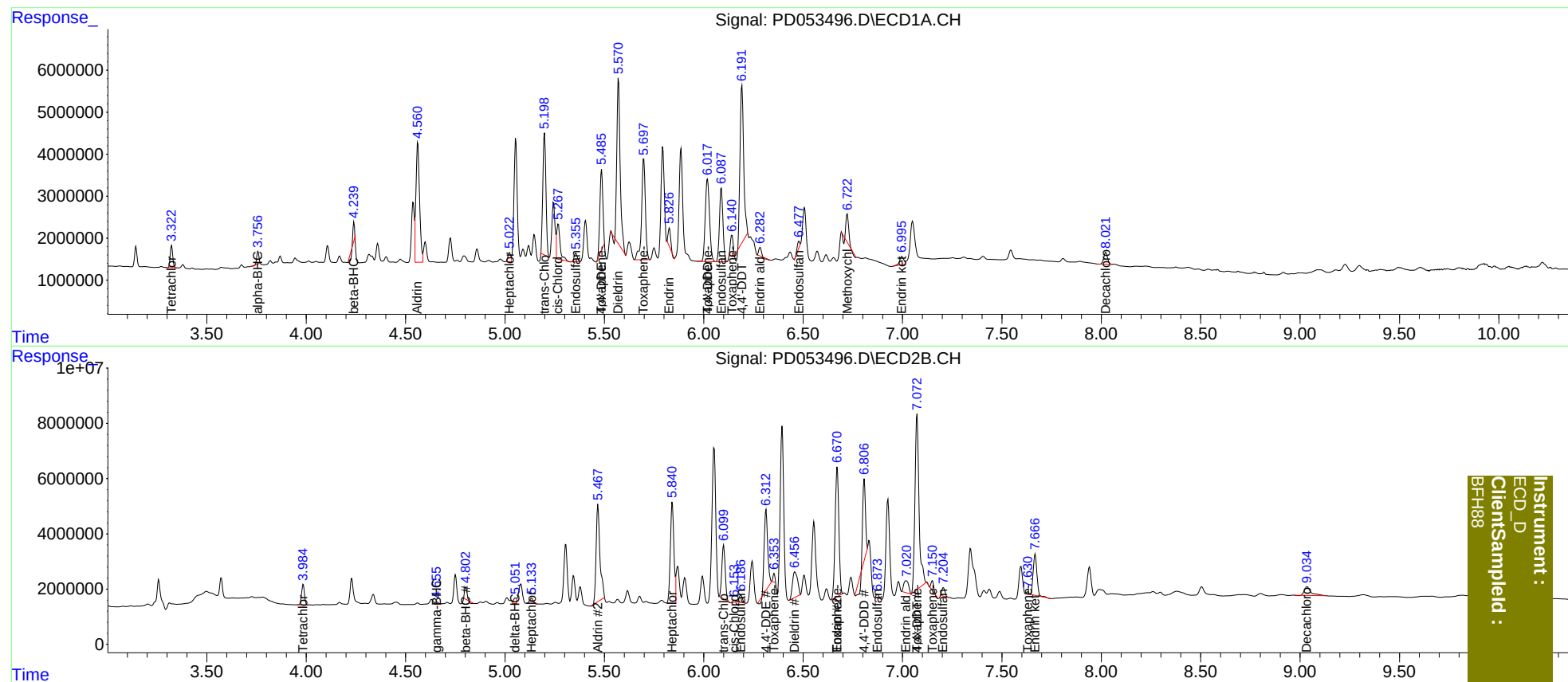
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.323  | 3.985 | 4570735  | 7481594  | 6.238    | 7.599      |
| 27)                         | SA Decachlor... | 8.023  | 9.035 | 3729269  | 7232406  | 5.638    | 7.002      |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.758  | 0.000 | 2330722  | 0        | 2.491    | N.D. #     |
| 3)                          | MA gamma-BHC... | 0.000  | 4.656 | 0        | 1013180  | N.D.     | 0.868      |
| 5)                          | MB Aldrin       | 4.561  | 5.468 | 36266843 | 47174583 | 40.531   | 37.532     |
| 6)                          | B beta-BHC      | 4.240f | 4.803 | 1126302  | 3275842  | 2.713    | 5.585 #    |
| 7)                          | B delta-BHC     | 0.000  | 5.052 | 0        | 2014645  | N.D.     | 1.656      |
| 8)                          | B Heptachlo...  | 5.023  | 5.842 | 2139138  | 44643892 | 2.706    | 38.053 #   |
| 9)                          | A Endosulfan I  | 5.356  | 6.187 | 2166126  | 2987944  | 2.873    | 2.688      |
| 10)                         | B trans-Chl...  | 5.199  | 6.100 | 31225854 | 22763551 | 35.483   | 17.813 #   |
| 11)                         | B cis-Chlor...  | 5.268  | 6.155 | 10261151 | 691969   | 12.083   | 0.548 #    |
| 12)                         | B 4,4'-DDE      | 5.486f | 6.314 | 20288043 | 34310071 | 24.939   | 27.840     |
| 13)                         | MA Dieldrin     | 5.571  | 6.458 | 46094169 | 16340449 | 55.968   | 12.964 #   |
| 14)                         | MA Endrin       | 5.827  | 6.672 | 3852853  | 61122967 | 5.908    | 68.078 #   |
| 15)                         | B Endosulfa...  | 6.089  | 6.874 | 21533805 | 1305618  | 30.642   | 1.243 #    |
| 16)                         | A 4,4'-DDD      | 6.019f | 6.808 | 29359969 | 21462717 | 54.735   | 23.234 #   |
| 17)                         | MA 4,4'-DDT     | 6.192  | 7.073 | 47579975 | 90784280 | 87.774   | 102.977    |
| 18)                         | B Endrin al...  | 6.284  | 7.018 | 1639846  | 7398078  | 2.853    | 8.283 #    |
| 19)                         | B Endosulfa...  | 6.479  | 7.206 | 1223927  | 3346905  | 1.851    | 3.184 #    |
| 20)                         | A Methoxychlor  | 6.722  | 7.543 | 5650163  | -845253  | 24.838   | N.D. #     |
| 21)                         | B Endrin ke...  | 6.997f | 7.667 | 2884182  | 19799325 | 4.221    | 18.583 #   |
| 22)                         | Toxaphene-1     | 5.486  | 6.354 | 20288043 | 1939775  | 4173.083 | 337.915 #  |
| 23)                         | Toxaphene-2     | 5.698  | 6.672 | 32172308 | 61122967 | 6829.859 | 8565.916 # |
| 24)                         | Toxaphene-3     | 6.019  | 7.073 | 29359969 | 90784280 | 6875.324 | 8935.088 # |
| 25)                         | Toxaphene-4     | 6.142  | 7.150 | 4660612  | 3533231  | 383.528  | 123.931 #  |
| 26)                         | Toxaphene-5     | 0.000  | 7.630 | 0        | 630412   | N.D.     | 49.979     |
| -----                       |                 |        |       |          |          |          |            |

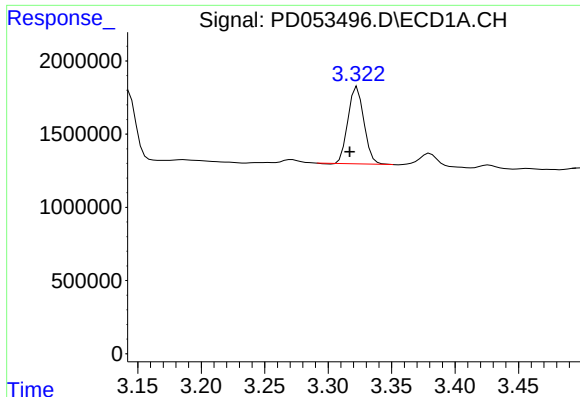
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060419\  
Data File : PD053496.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 04 Jun 2019 12:03  
Operator : SM\AJ  
Sample : K3006-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 05 02:01:25 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052119CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed May 22 06:53:42 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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 x 0.50µm

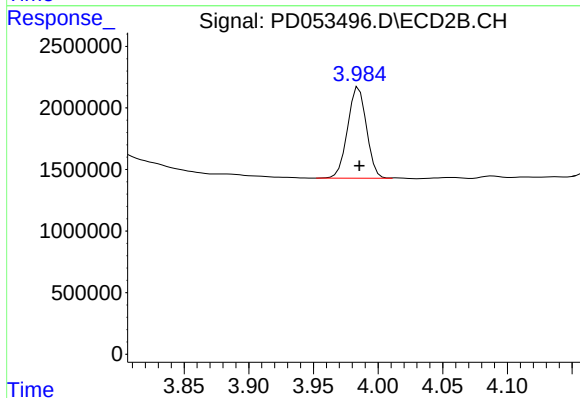




#1 Tetrachloro-m-xylene

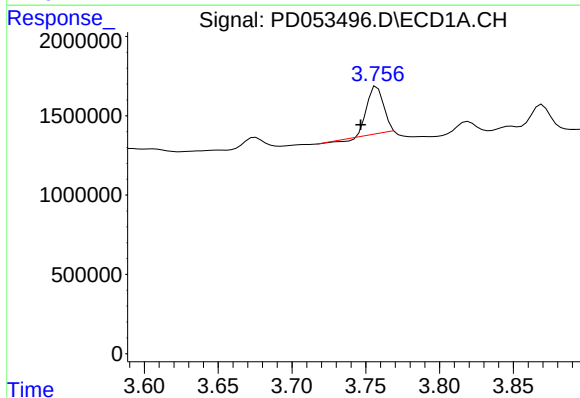
R.T.: 3.323 min  
Delta R.T.: 0.006 min  
Response: 4570735  
Conc: 6.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



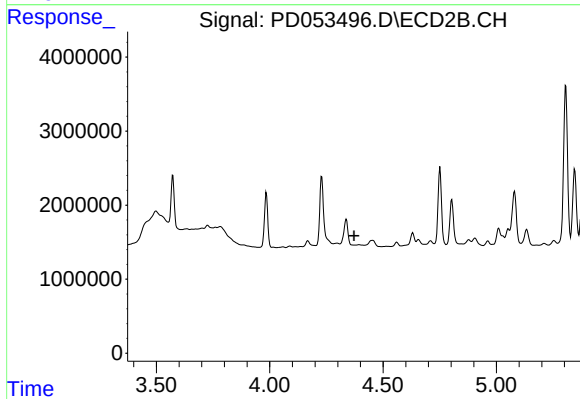
#1 Tetrachloro-m-xylene

R.T.: 3.985 min  
Delta R.T.: 0.000 min  
Response: 7481594  
Conc: 7.60 ng/ml



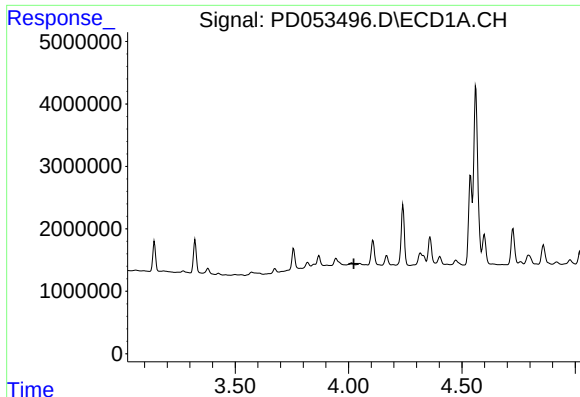
#2 alpha-BHC

R.T.: 3.758 min  
Delta R.T.: 0.011 min  
Response: 2330722  
Conc: 2.49 ng/ml



#2 alpha-BHC

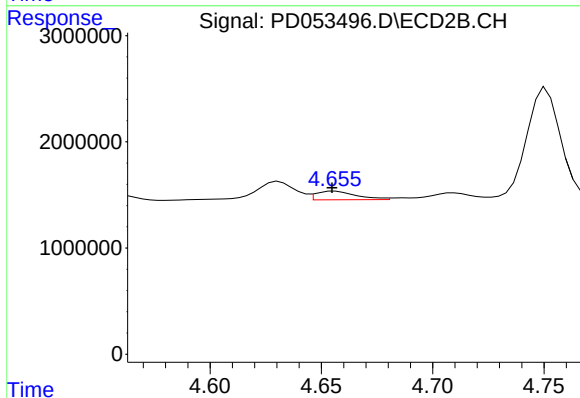
R.T.: 0.000 min  
Exp R.T. : 4.372 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

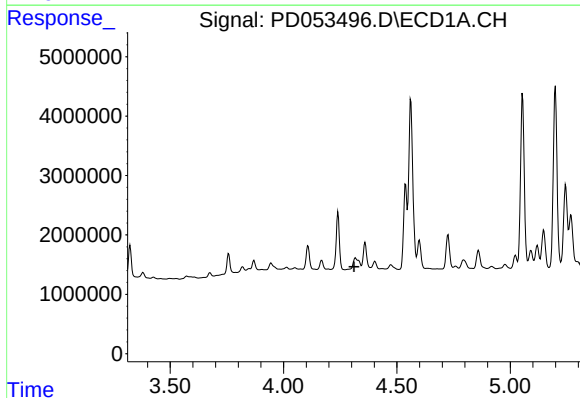
R.T.: 0.000 min  
Exp R.T.: 4.023 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



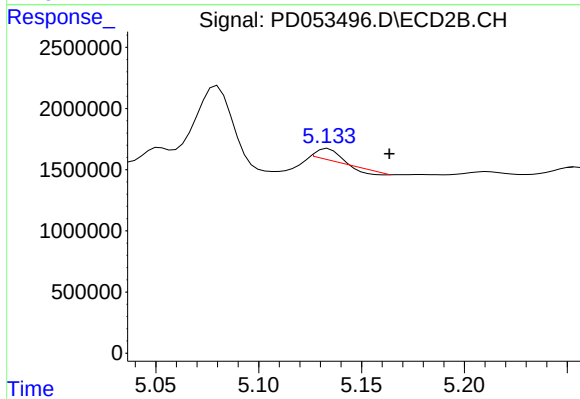
#3 gamma-BHC (Lindane)

R.T.: 4.656 min  
Delta R.T.: 0.001 min  
Response: 1013180  
Conc: 0.87 ng/ml



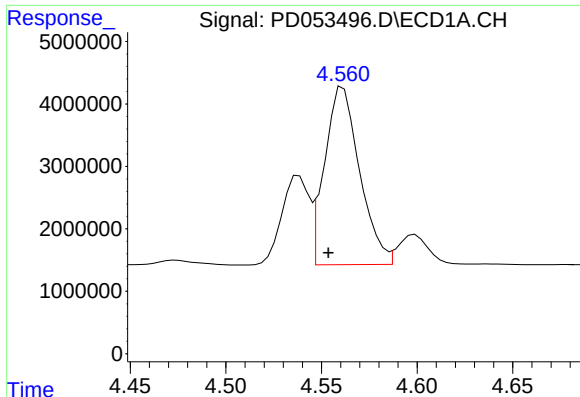
#4 Heptachlor

R.T.: 4.317 min  
Delta R.T.: 0.005 min  
Response: -1576466  
Conc: N.D.



#4 Heptachlor

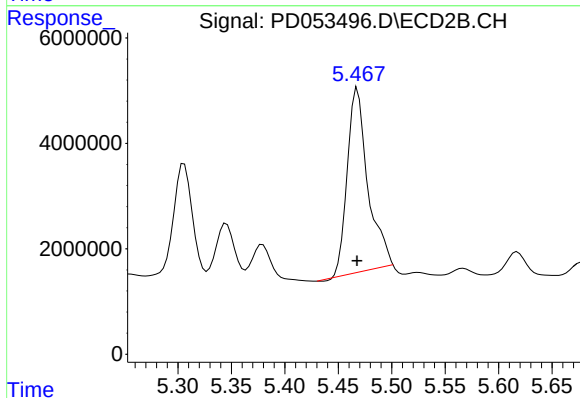
R.T.: 5.134 min  
Delta R.T.: -0.030 min  
Response: 453891  
Conc: 0.39 ng/ml



#5 Aldrin

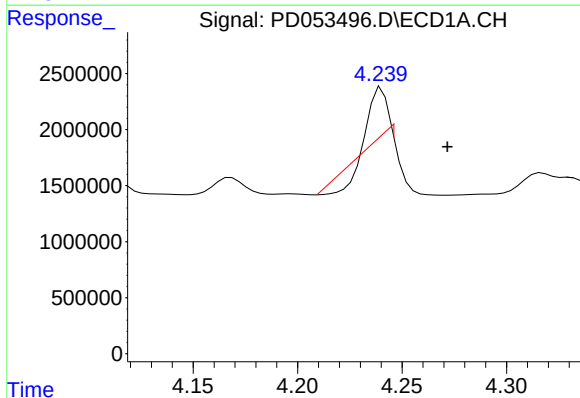
R.T.: 4.561 min  
Delta R.T.: 0.008 min  
Response: 36266843  
Conc: 40.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



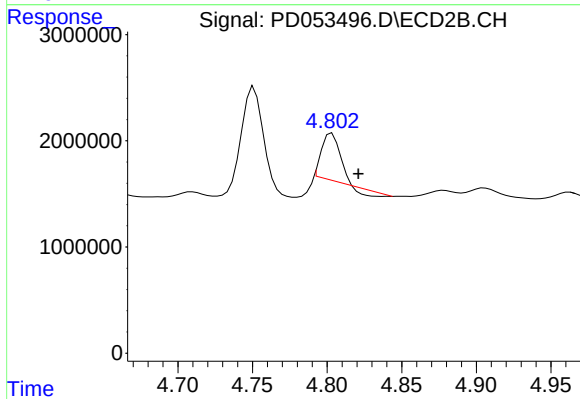
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 47174583  
Conc: 37.53 ng/ml



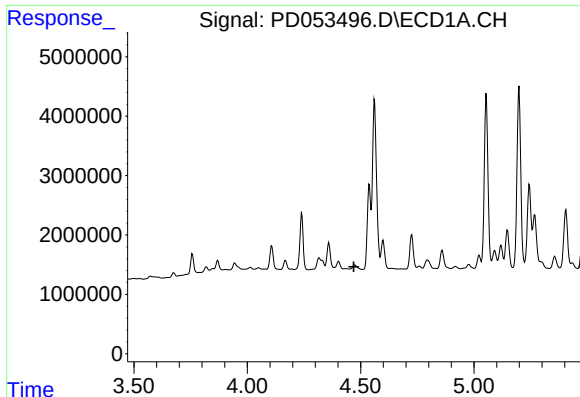
#6 beta-BHC

R.T.: 4.240 min  
Delta R.T.: -0.031 min  
Response: 1126302  
Conc: 2.71 ng/ml



#6 beta-BHC

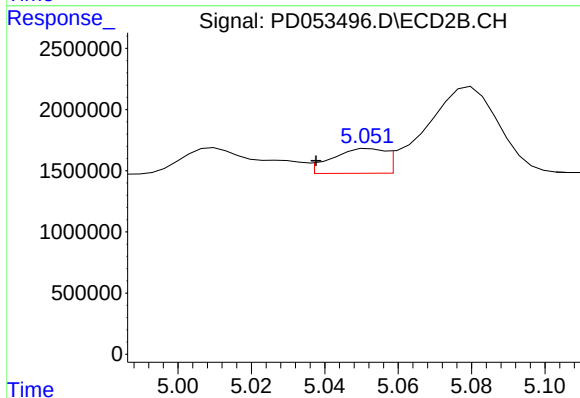
R.T.: 4.803 min  
Delta R.T.: -0.018 min  
Response: 3275842  
Conc: 5.58 ng/ml



#7 delta-BHC

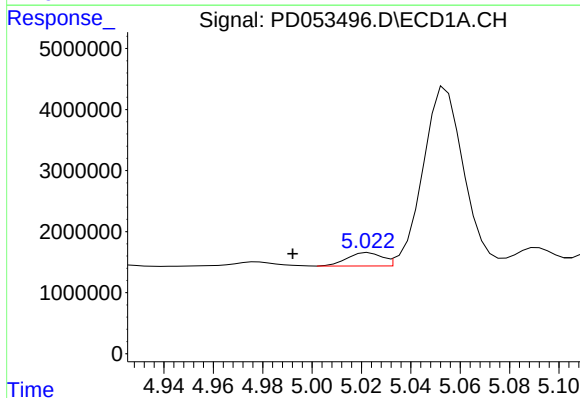
R.T.: 0.000 min  
Exp R.T.: 4.470 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



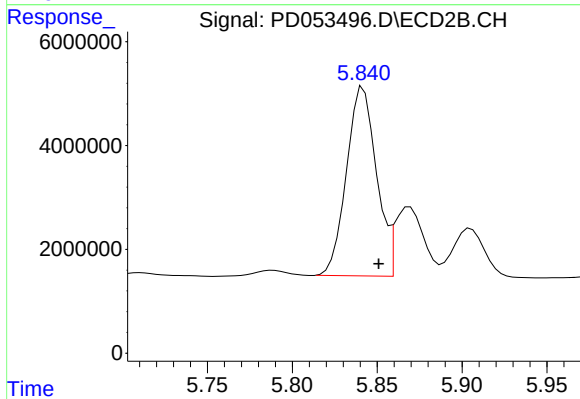
#7 delta-BHC

R.T.: 5.052 min  
Delta R.T.: 0.015 min  
Response: 2014645  
Conc: 1.66 ng/ml



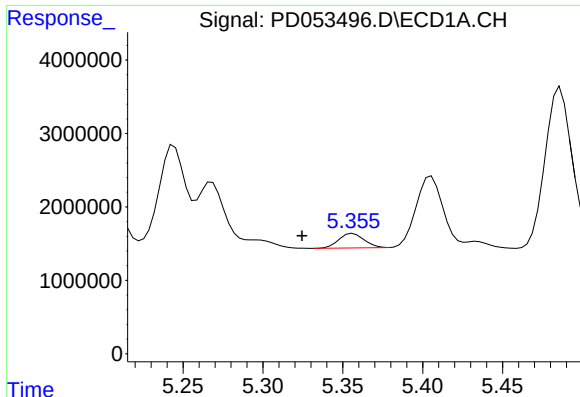
#8 Heptachlor epoxide

R.T.: 5.023 min  
Delta R.T.: 0.031 min  
Response: 2139138  
Conc: 2.71 ng/ml



#8 Heptachlor epoxide

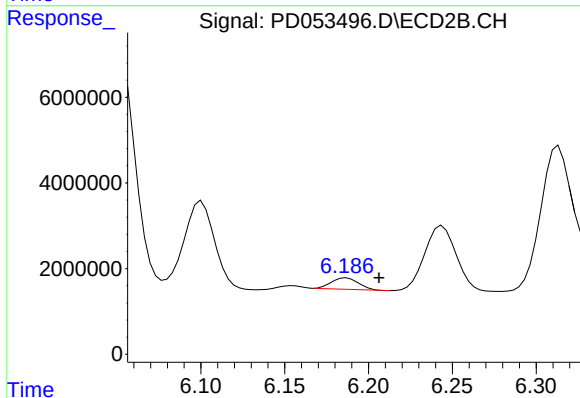
R.T.: 5.842 min  
Delta R.T.: -0.009 min  
Response: 44643892  
Conc: 38.05 ng/ml



#9 Endosulfan I

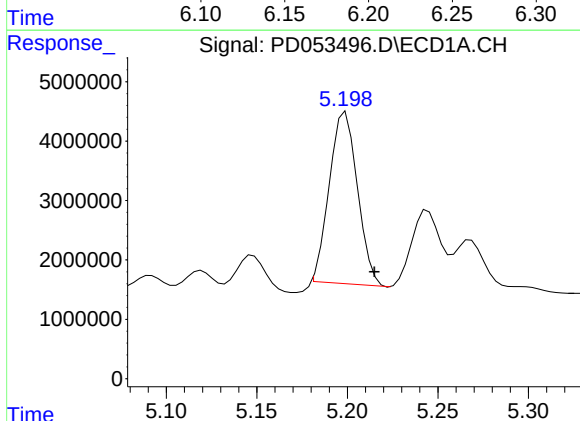
R.T.: 5.356 min  
Delta R.T.: 0.032 min  
Response: 2166126  
Conc: 2.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



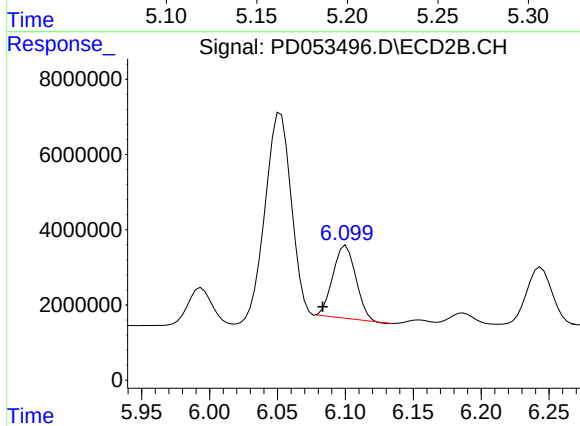
#9 Endosulfan I

R.T.: 6.187 min  
Delta R.T.: -0.019 min  
Response: 2987944  
Conc: 2.69 ng/ml



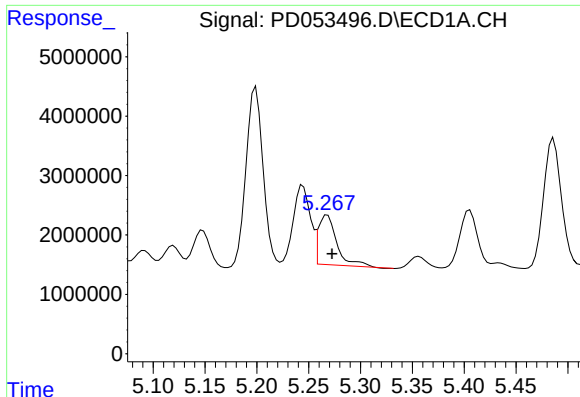
#10 trans-Chlordane

R.T.: 5.199 min  
Delta R.T.: -0.016 min  
Response: 31225854  
Conc: 35.48 ng/ml



#10 trans-Chlordane

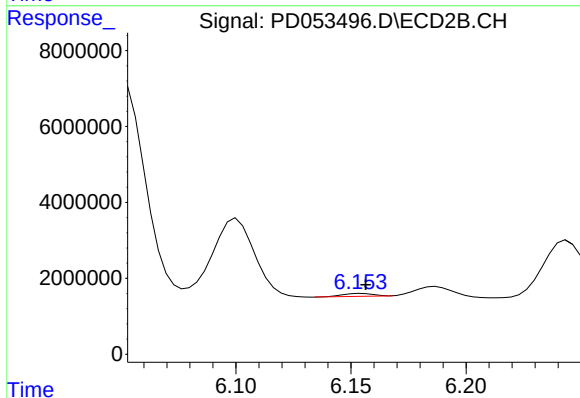
R.T.: 6.100 min  
Delta R.T.: 0.017 min  
Response: 22763551  
Conc: 17.81 ng/ml



#11 cis-Chlordane

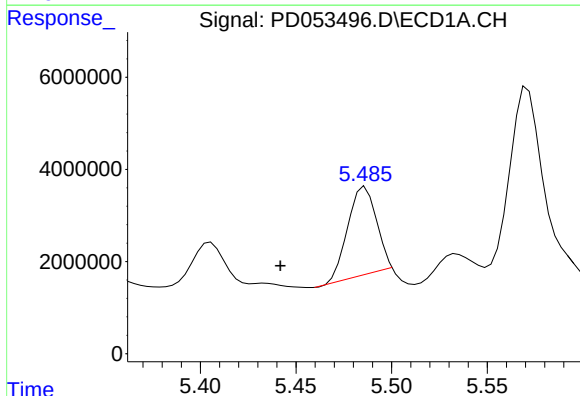
R.T.: 5.268 min  
Delta R.T.: -0.004 min  
Response: 10261151  
Conc: 12.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



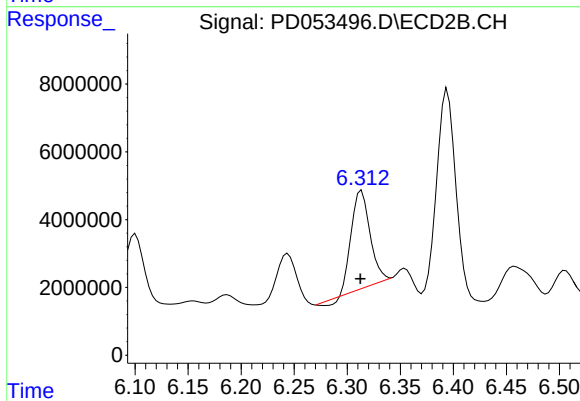
#11 cis-Chlordane

R.T.: 6.155 min  
Delta R.T.: -0.002 min  
Response: 691969  
Conc: 0.55 ng/ml



#12 4,4'-DDE

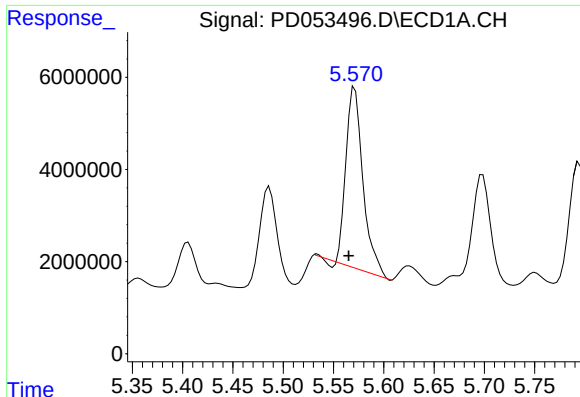
R.T.: 5.486 min  
Delta R.T.: 0.044 min  
Response: 20288043  
Conc: 24.94 ng/ml



#12 4,4'-DDE

R.T.: 6.314 min  
Delta R.T.: 0.001 min  
Response: 34310071  
Conc: 27.84 ng/ml

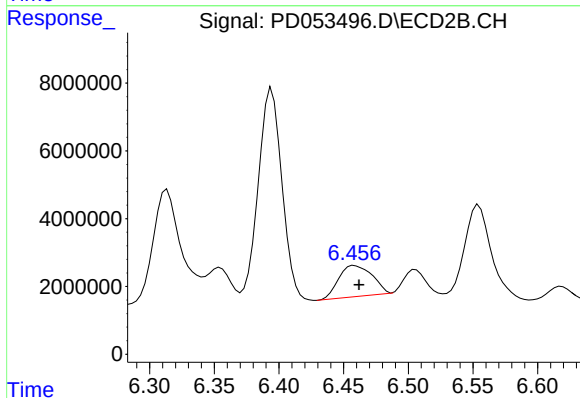




#13 Dieldrin

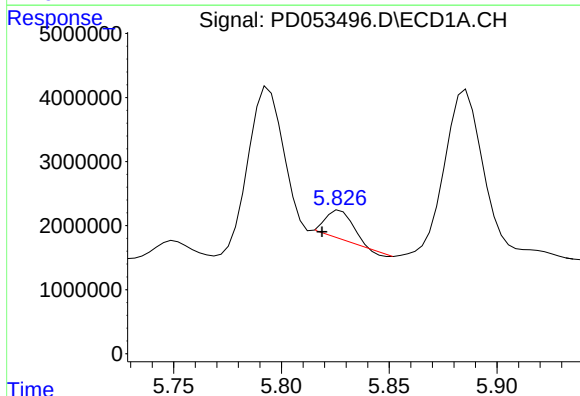
R.T.: 5.571 min  
Delta R.T.: 0.006 min  
Response: 46094169  
Conc: 55.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



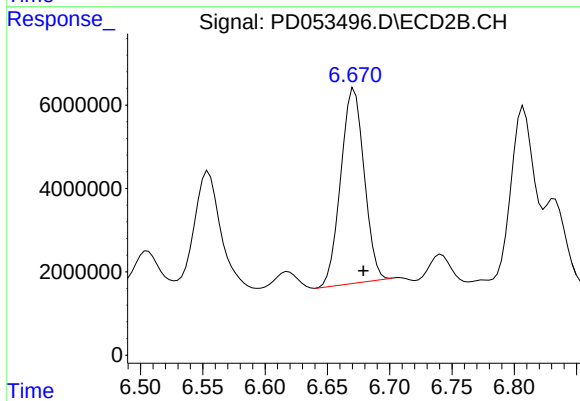
#13 Dieldrin

R.T.: 6.458 min  
Delta R.T.: -0.004 min  
Response: 16340449  
Conc: 12.96 ng/ml



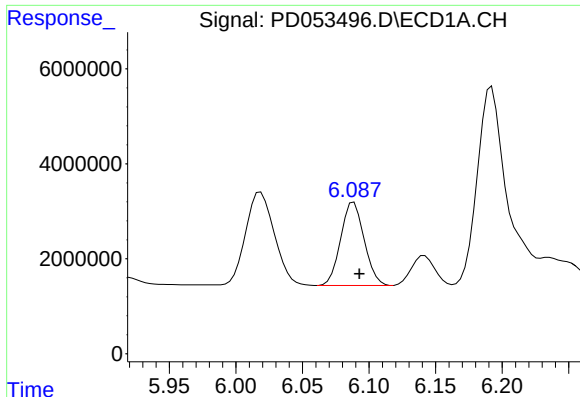
#14 Endrin

R.T.: 5.827 min  
Delta R.T.: 0.008 min  
Response: 3852853  
Conc: 5.91 ng/ml



#14 Endrin

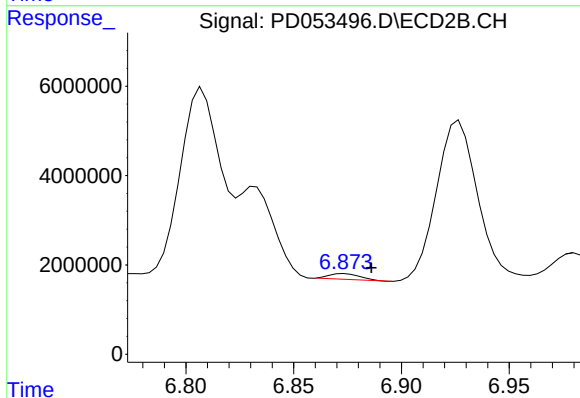
R.T.: 6.672 min  
Delta R.T.: -0.007 min  
Response: 61122967  
Conc: 68.08 ng/ml



#15 Endosulfan II

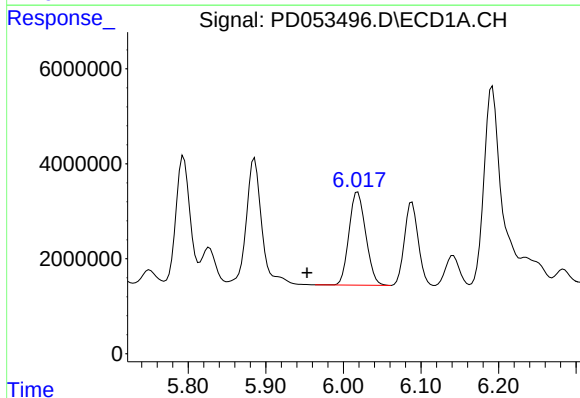
R.T.: 6.089 min  
Delta R.T.: -0.004 min  
Response: 21533805  
Conc: 30.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



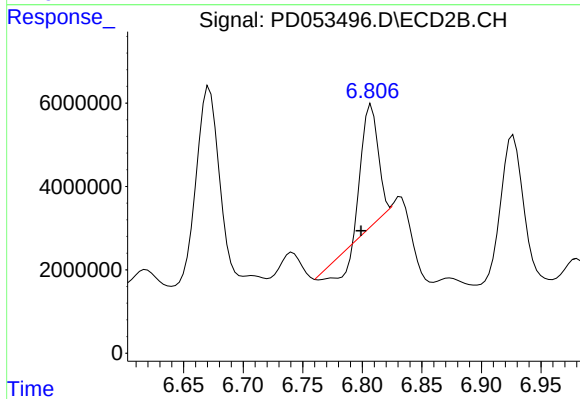
#15 Endosulfan II

R.T.: 6.874 min  
Delta R.T.: -0.012 min  
Response: 1305618  
Conc: 1.24 ng/ml



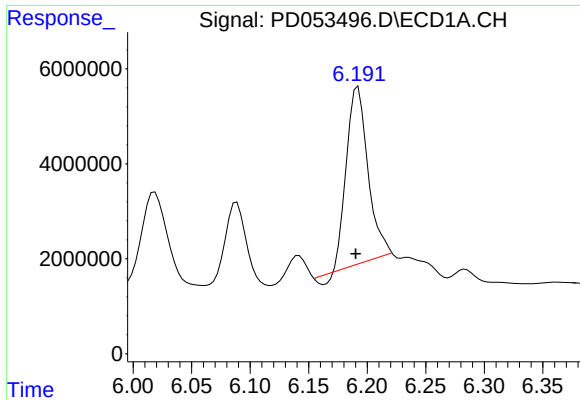
#16 4,4'-DDD

R.T.: 6.019 min  
Delta R.T.: 0.065 min  
Response: 29359969  
Conc: 54.74 ng/ml



#16 4,4'-DDD

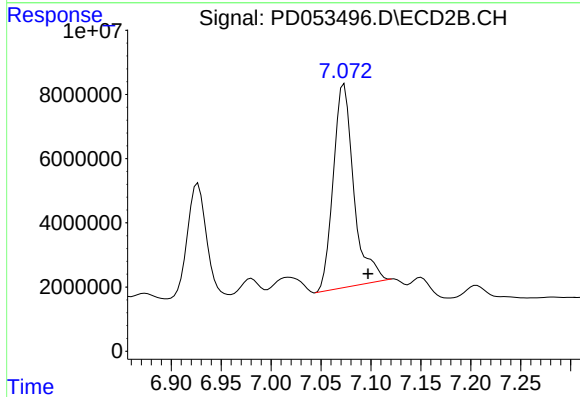
R.T.: 6.808 min  
Delta R.T.: 0.009 min  
Response: 21462717  
Conc: 23.23 ng/ml



#17 4,4'-DDT

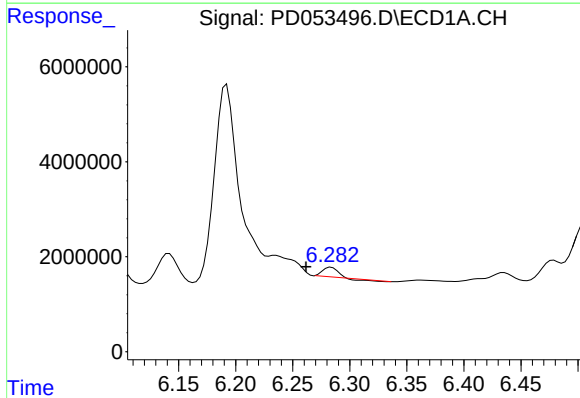
R.T.: 6.192 min  
Delta R.T.: 0.002 min  
Response: 47579975  
Conc: 87.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



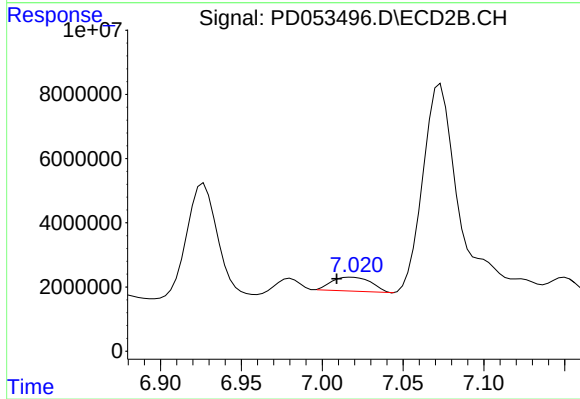
#17 4,4'-DDT

R.T.: 7.073 min  
Delta R.T.: -0.024 min  
Response: 90784280  
Conc: 102.98 ng/ml



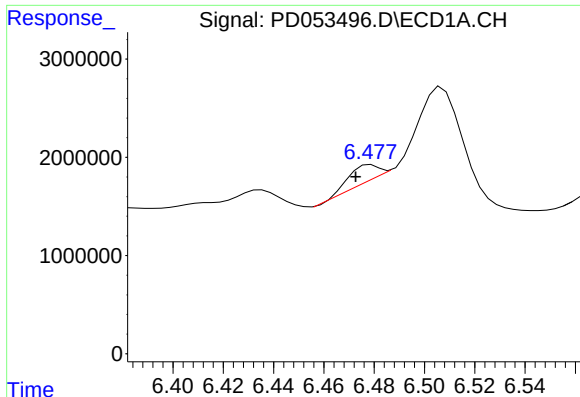
#18 Endrin aldehyde

R.T.: 6.284 min  
Delta R.T.: 0.022 min  
Response: 1639846  
Conc: 2.85 ng/ml



#18 Endrin aldehyde

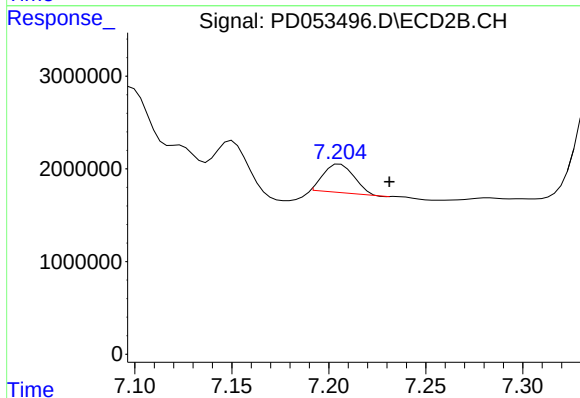
R.T.: 7.018 min  
Delta R.T.: 0.009 min  
Response: 7398078  
Conc: 8.28 ng/ml



#19 Endosulfan Sulfate

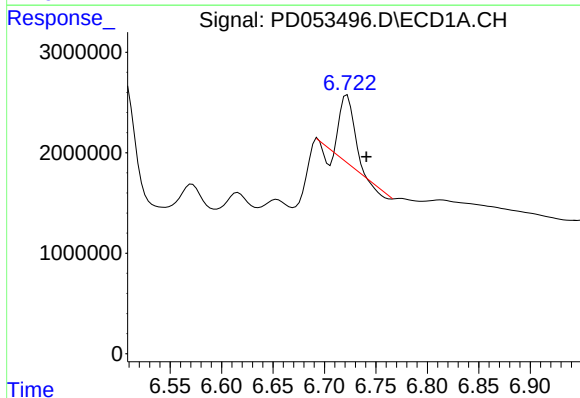
R.T.: 6.479 min  
Delta R.T.: 0.006 min  
Response: 1223927  
Conc: 1.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



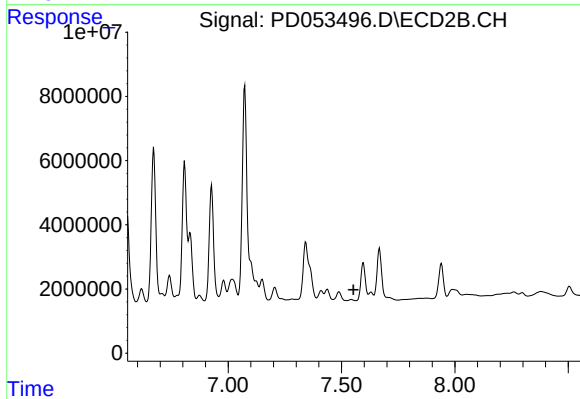
#19 Endosulfan Sulfate

R.T.: 7.206 min  
Delta R.T.: -0.025 min  
Response: 3346905  
Conc: 3.18 ng/ml



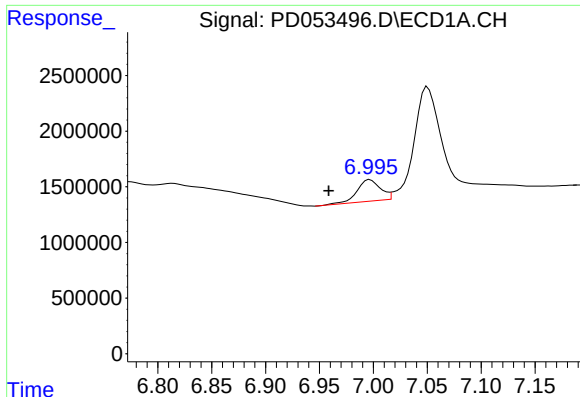
#20 Methoxychlor

R.T.: 6.722 min  
Delta R.T.: -0.019 min  
Response: 5650163  
Conc: 24.84 ng/ml



#20 Methoxychlor

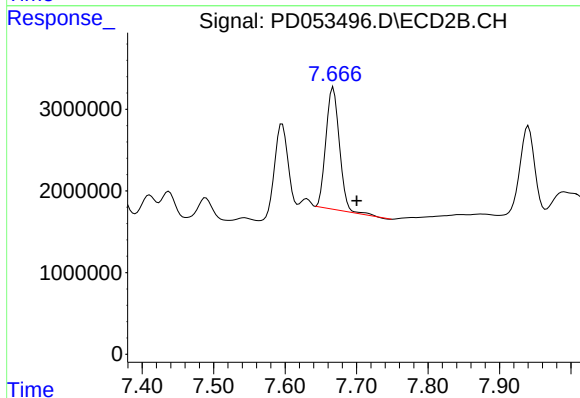
R.T.: 7.543 min  
Delta R.T.: -0.010 min  
Response: -845253  
Conc: N.D.



#21 Endrin ketone

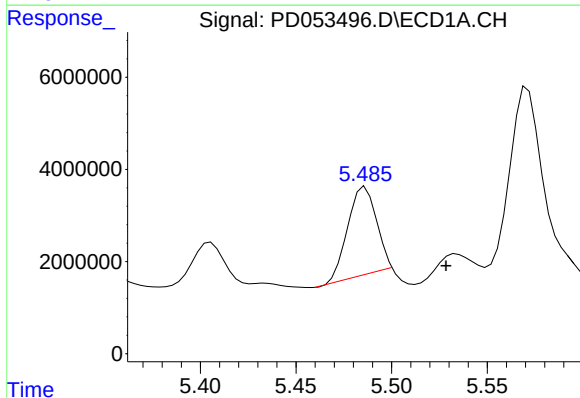
R.T.: 6.997 min  
Delta R.T.: 0.038 min  
Response: 2884182  
Conc: 4.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



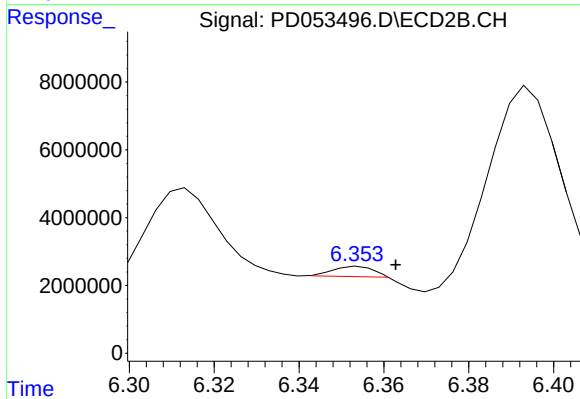
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: -0.033 min  
Response: 19799325  
Conc: 18.58 ng/ml



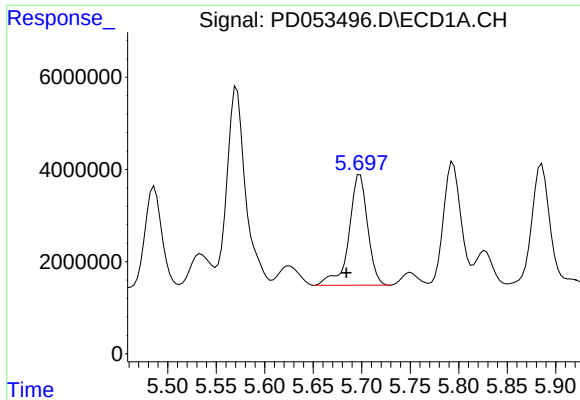
#22 Toxaphene-1

R.T.: 5.486 min  
Delta R.T.: -0.042 min  
Response: 20288043  
Conc: 4173.08 ng/ml



#22 Toxaphene-1

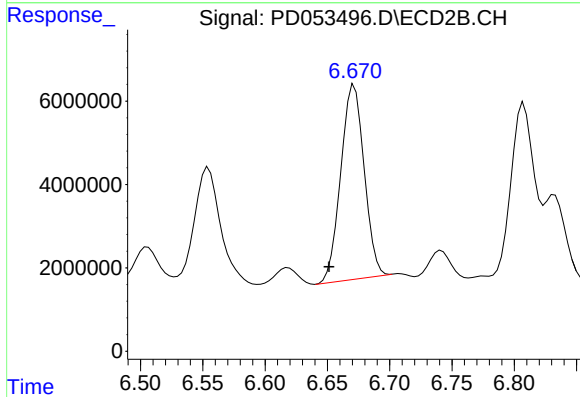
R.T.: 6.354 min  
Delta R.T.: -0.008 min  
Response: 1939775  
Conc: 337.92 ng/ml



#23 Toxaphene-2

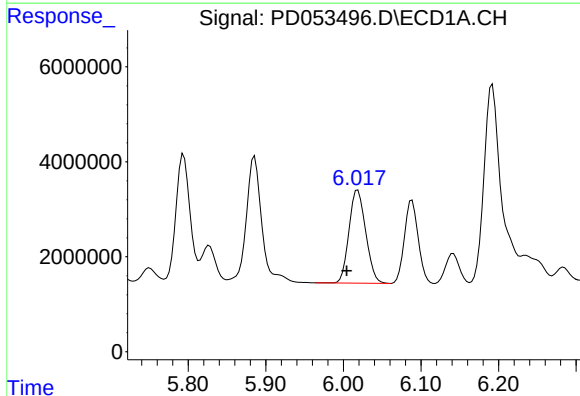
R.T.: 5.698 min  
Delta R.T.: 0.014 min  
Response: 32172308  
Conc: 6829.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



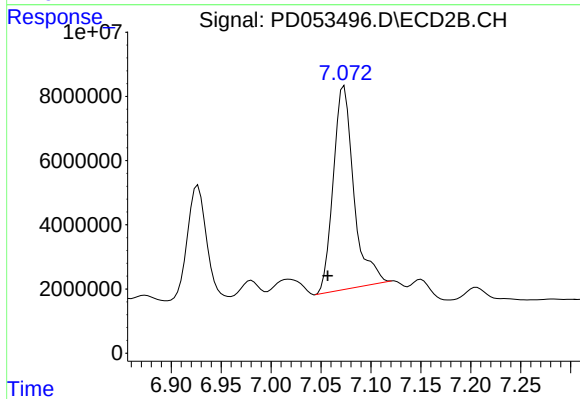
#23 Toxaphene-2

R.T.: 6.672 min  
Delta R.T.: 0.020 min  
Response: 61122967  
Conc: 8565.92 ng/ml



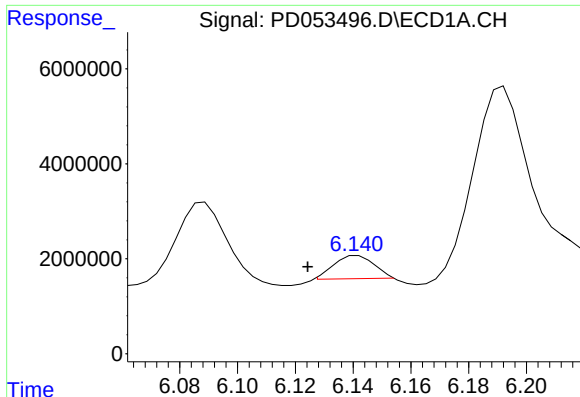
#24 Toxaphene-3

R.T.: 6.019 min  
Delta R.T.: 0.014 min  
Response: 29359969  
Conc: 6875.32 ng/ml



#24 Toxaphene-3

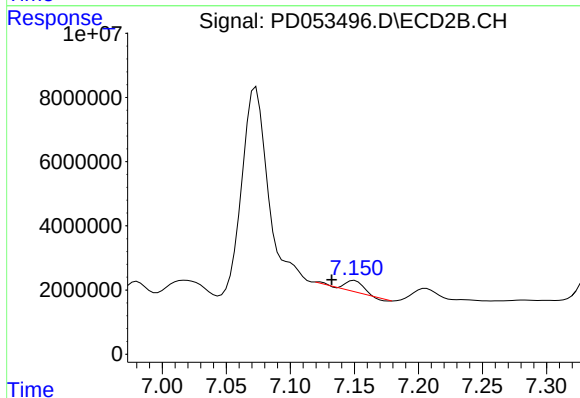
R.T.: 7.073 min  
Delta R.T.: 0.016 min  
Response: 90784280  
Conc: 8935.09 ng/ml



#25 Toxaphene-4

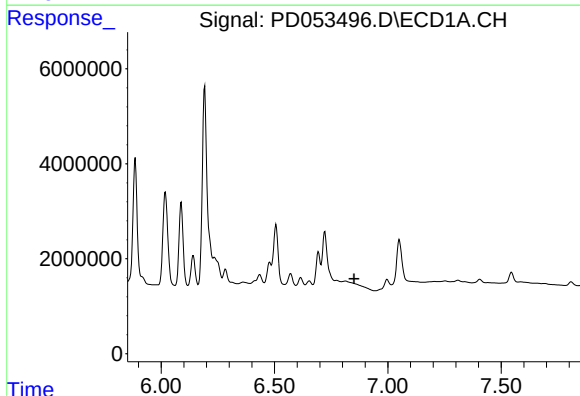
R.T.: 6.142 min  
Delta R.T.: 0.017 min  
Response: 4660612  
Conc: 383.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



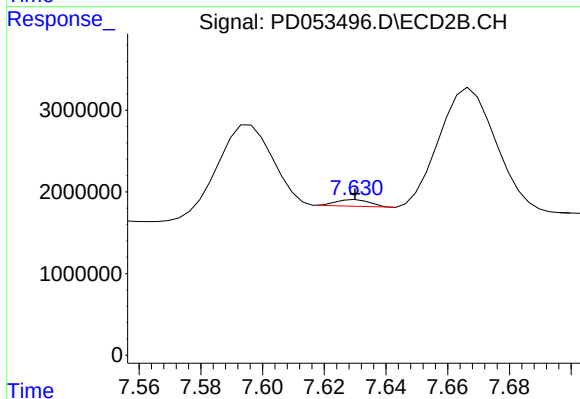
#25 Toxaphene-4

R.T.: 7.150 min  
Delta R.T.: 0.018 min  
Response: 3533231  
Conc: 123.93 ng/ml



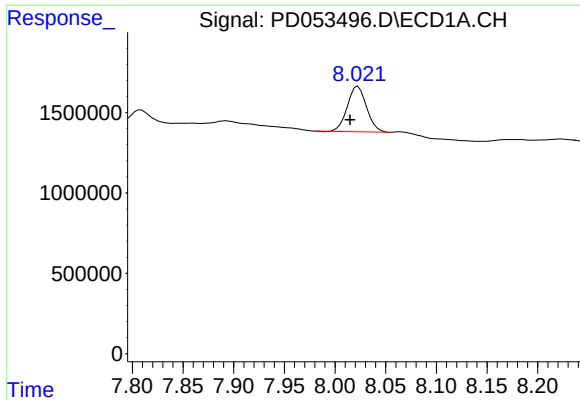
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 6.851 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

R.T.: 7.630 min  
Delta R.T.: 0.000 min  
Response: 630412  
Conc: 49.98 ng/ml



#27 Decachlorobiphenyl

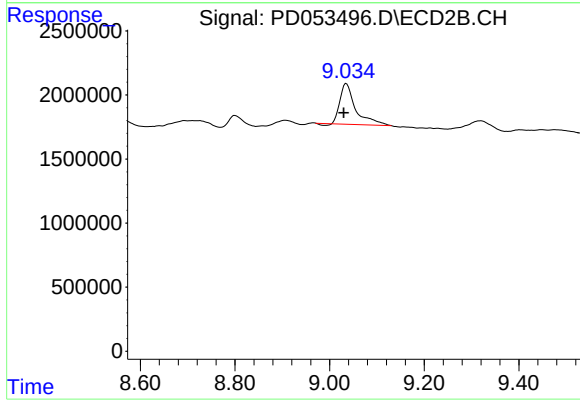
R.T.: 8.023 min

Delta R.T.: 0.008 min

Response: 3729269

Conc: 5.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH88



#27 Decachlorobiphenyl

R.T.: 9.035 min

Delta R.T.: 0.006 min

Response: 7232406

Conc: 7.00 ng/ml