

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032619\  
 Data File : PD052160.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 26 Mar 2019 13:57  
 Operator : AJ\SJ  
 Sample : K2031-20RE  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 27 08:04:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032519CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 25 18:59:03 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

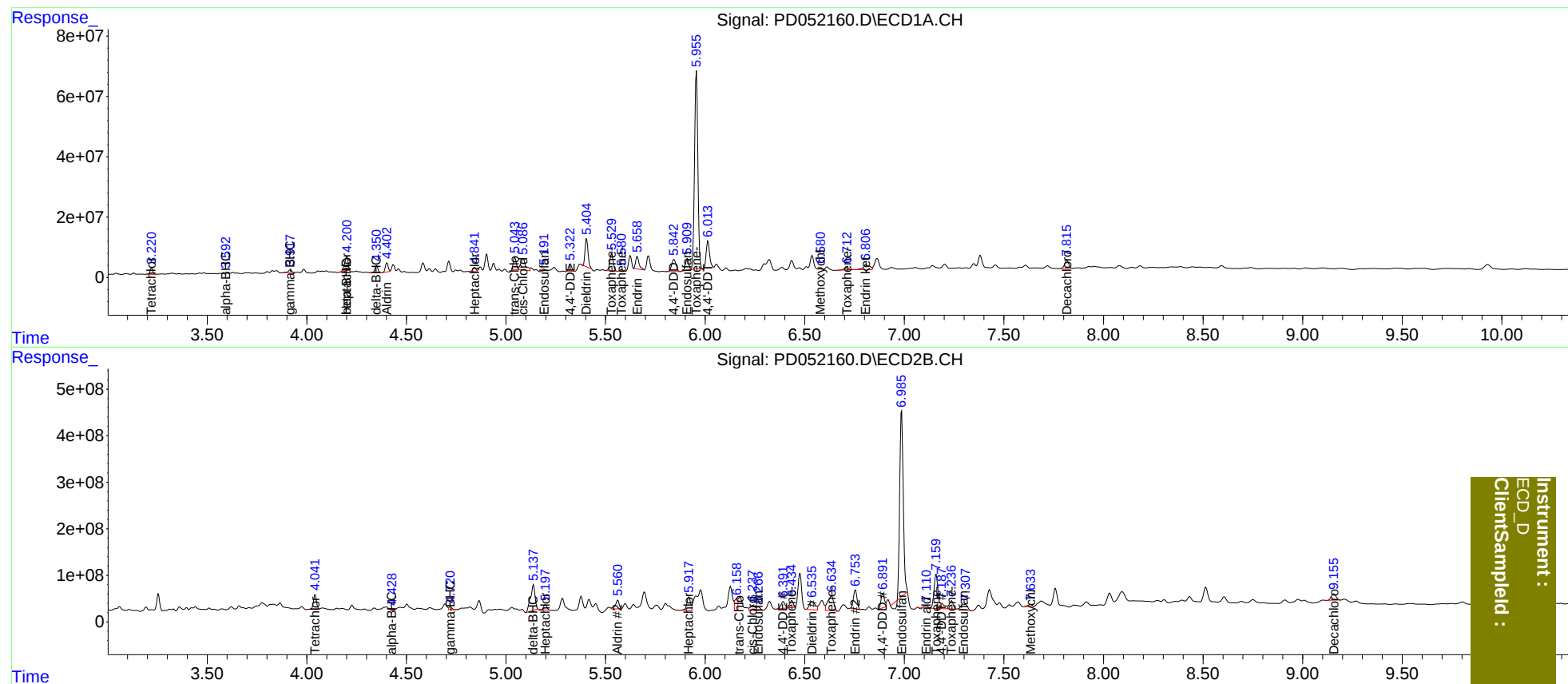
|                             | Compound        | RT#1   | RT#2   | Resp#1    | Resp#2     | ng/ml     | ng/ml      |
|-----------------------------|-----------------|--------|--------|-----------|------------|-----------|------------|
| -----                       |                 |        |        |           |            |           |            |
| System Monitoring Compounds |                 |        |        |           |            |           |            |
| 1)                          | SA Tetrachlo... | 3.222  | 4.042  | 19105916  | 320.2E6    | 13.460    | 11.003     |
| 27)                         | SA Decachlor... | 7.817  | 9.156  | 38287245  | 232.5E6    | 24.451    | 15.062 #   |
| Target Compounds            |                 |        |        |           |            |           |            |
| 2)                          | A alpha-BHC     | 3.594f | 4.429  | 1725344   | 27415091   | 0.756     | 0.627      |
| 3)                          | MA gamma-BHC... | 3.918  | 4.721  | 11198939  | 69131247   | 4.998     | 1.740 #    |
| 4)                          | MA Heptachlor   | 4.202  | 5.199f | 57842504  | 115.3E6    | 26.307    | 2.874 #    |
| 5)                          | MB Aldrin       | 4.403  | 5.562  | 29907807  | 246.1E6    | 14.357    | 6.609 #    |
| 6)                          | B beta-BHC      | 4.202f | 4.917  | 57842504  | -313677324 | 60.441    | N.D. #     |
| 7)                          | B delta-BHC     | 4.351  | 5.138f | 25617534  | 856.8E6    | 11.656    | 21.595 #   |
| 8)                          | B Heptachlo...  | 4.842  | 5.919  | 14576838  | 380.2E6    | 7.218     | 11.159 #   |
| 9)                          | A Endosulfan I  | 5.192  | 6.267  | 4078429   | 100.5E6    | 2.097     | 3.205 #    |
| 10)                         | B trans-Chl...  | 5.045  | 6.160  | 39351545  | 262.7E6    | 19.097    | 7.734 #    |
| 11)                         | B cis-Chlor...  | 5.087  | 6.239  | 65548349  | 175.8E6    | 32.513    | 5.413 #    |
| 12)                         | B 4,4'-DDE      | 5.323  | 6.392  | 27966926  | 200.7E6    | 13.868    | 6.561 #    |
| 13)                         | MA Dieldrin     | 5.405  | 6.537  | 95982134  | 357.5E6    | 44.235    | 11.471 #   |
| 14)                         | MA Endrin       | 5.659  | 6.755  | 50271345  | 520.6E6    | 28.208    | 22.616     |
| 15)                         | B Endosulfa...  | 5.911  | 6.987  | 43346822  | 4819.2E6   | 22.655    | 190.083 #  |
| 16)                         | A 4,4'-DDD      | 5.844f | 6.893  | 60777509  | 366.1E6    | 36.228    | 15.375 #   |
| 17)                         | MA 4,4'-DDT     | 6.014  | 7.188  | 99179618  | 159.5E6    | 60.425    | 8.259 #    |
| 19)                         | B Endosulfa...  | 6.298  | 7.297  | -11822348 | 260.4E6    | N.D.      | 11.587     |
| 20)                         | A Methoxychlor  | 6.582  | 7.635  | 4121960   | 72694714   | 4.341     | 7.815 #    |
| 21)                         | B Endrin ke...  | 6.807f | 7.759f | 36306574  | -172063036 | 18.299    | N.D. #     |
| 22)                         | Toxaphene-1     | 5.531  | 6.436  | 67989388  | 199.5E6    | 5316.043  | 1488.499 # |
| 23)                         | Toxaphene-2     | 5.581  | 6.635  | 6685508   | 661.7E6    | 304.904   | 2648.909 # |
| 24)                         | Toxaphene-3     | 5.956  | 7.160  | 757.5E6   | 1011.1E6   | 21439.395 | 5000.850 # |
| 25)                         | Toxaphene-4     | 6.206  | 7.237  | -1774805  | 247.7E6    | N.D.      | 445.014    |
| -----                       |                 |        |        |           |            |           |            |

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

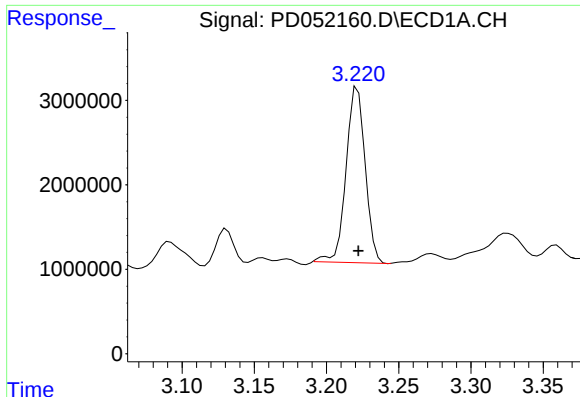
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032619\  
Data File : PD052160.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 26 Mar 2019 13:57  
Operator : AJ\SJ  
Sample : K2031-20RE  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 27 08:04:44 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032519CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 25 18:59:03 2019  
Response via : Initial Calibration  
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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



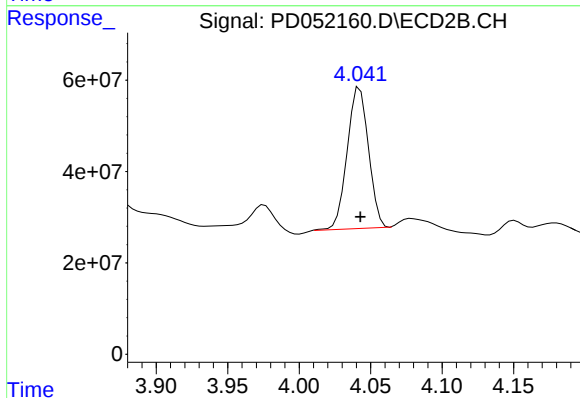
Instrument :  
ECD\_D  
ClientSample :  
Sample



#1 Tetrachloro-m-xylene

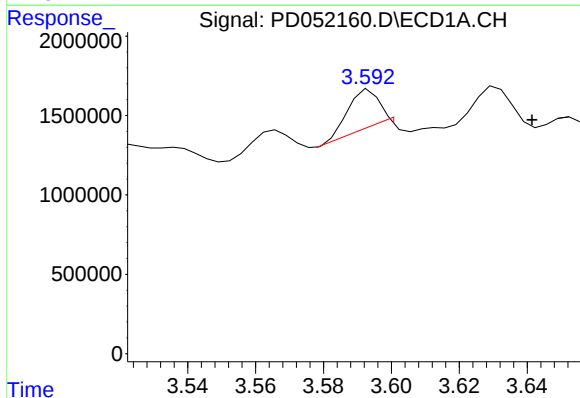
R.T.: 3.222 min  
Delta R.T.: 0.000 min  
Response: 19105916  
Conc: 13.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



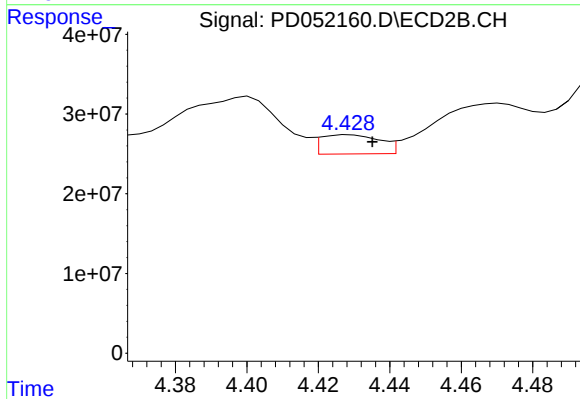
#1 Tetrachloro-m-xylene

R.T.: 4.042 min  
Delta R.T.: 0.000 min  
Response: 320158922  
Conc: 11.00 ng/ml



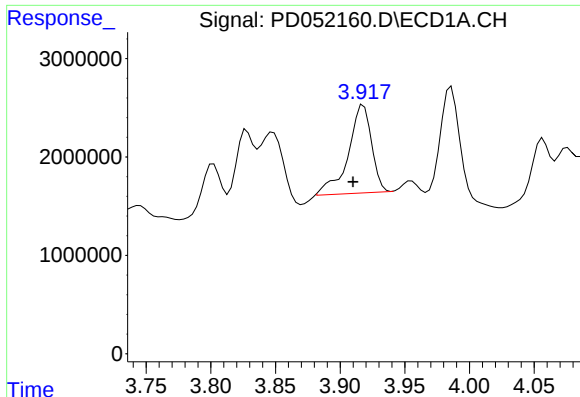
#2 alpha-BHC

R.T.: 3.594 min  
Delta R.T.: -0.048 min  
Response: 1725344  
Conc: 0.76 ng/ml



#2 alpha-BHC

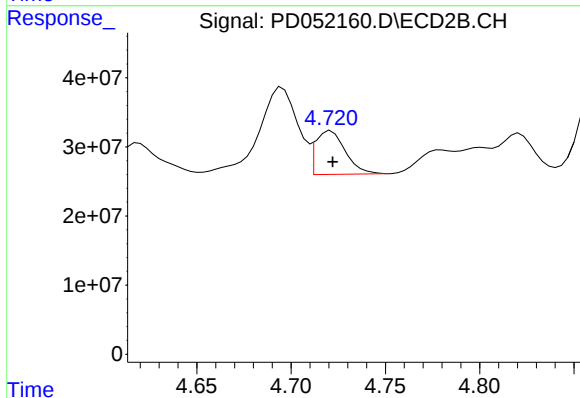
R.T.: 4.429 min  
Delta R.T.: -0.006 min  
Response: 27415091  
Conc: 0.63 ng/ml



#3 gamma-BHC (Lindane)

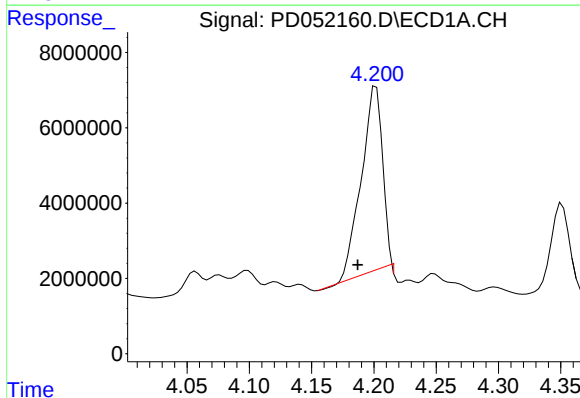
R.T.: 3.918 min  
Delta R.T.: 0.008 min  
Response: 11198939  
Conc: 5.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



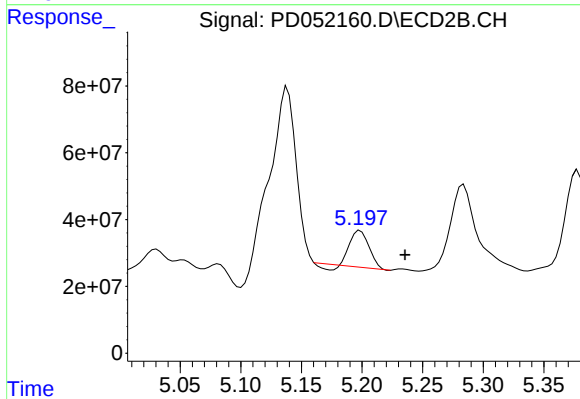
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: 0.000 min  
Response: 69131247  
Conc: 1.74 ng/ml



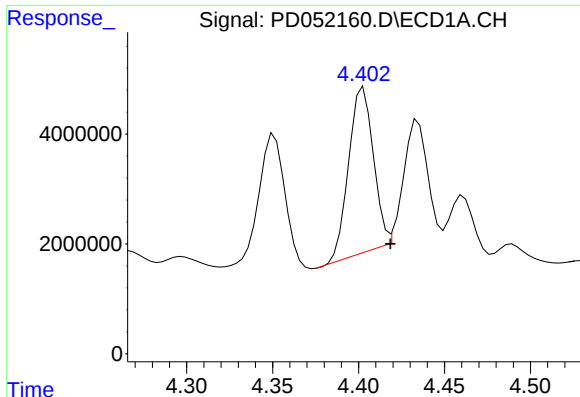
#4 Heptachlor

R.T.: 4.202 min  
Delta R.T.: 0.015 min  
Response: 57842504  
Conc: 26.31 ng/ml



#4 Heptachlor

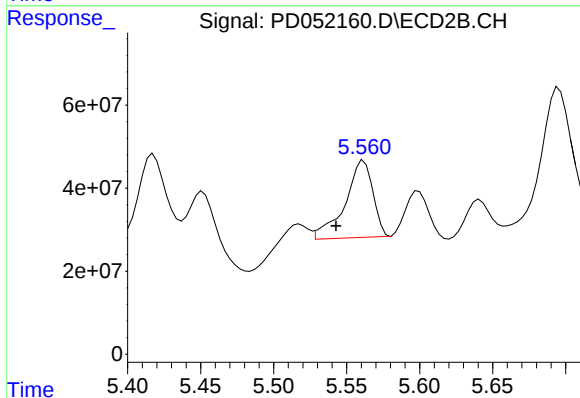
R.T.: 5.199 min  
Delta R.T.: -0.037 min  
Response: 115289723  
Conc: 2.87 ng/ml



#5 Aldrin

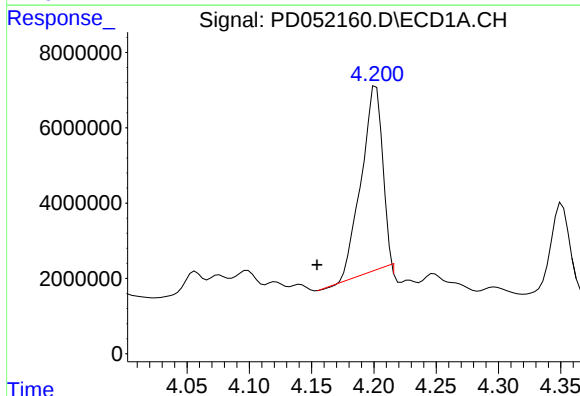
R.T.: 4.403 min  
Delta R.T.: -0.016 min  
Response: 29907807  
Conc: 14.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



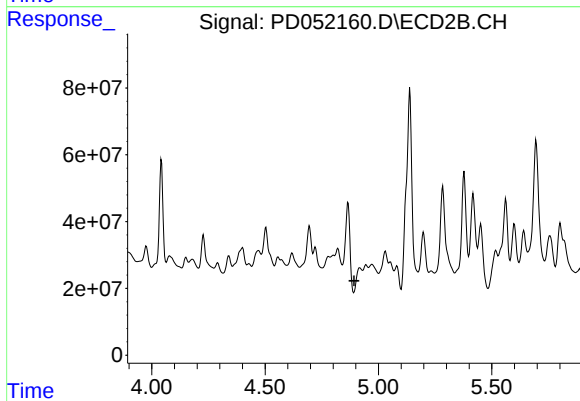
#5 Aldrin

R.T.: 5.562 min  
Delta R.T.: 0.019 min  
Response: 246075432  
Conc: 6.61 ng/ml



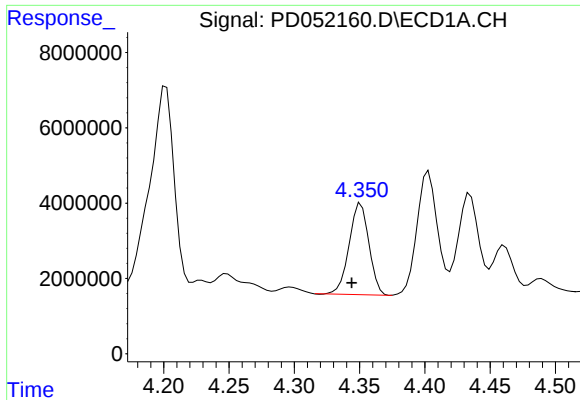
#6 beta-BHC

R.T.: 4.202 min  
Delta R.T.: 0.047 min  
Response: 57842504  
Conc: 60.44 ng/ml



#6 beta-BHC

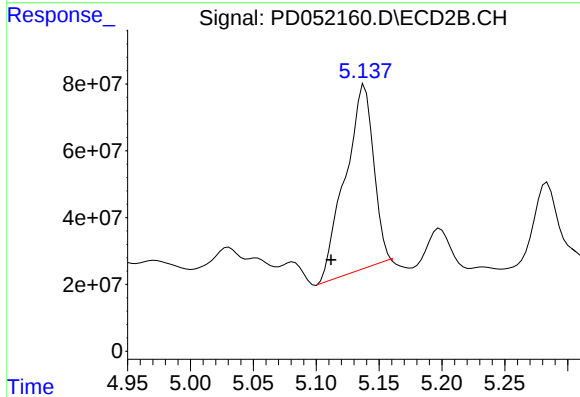
R.T.: 4.917 min  
Delta R.T.: 0.024 min  
Response: -313677324  
Conc: N.D.



#7 delta-BHC

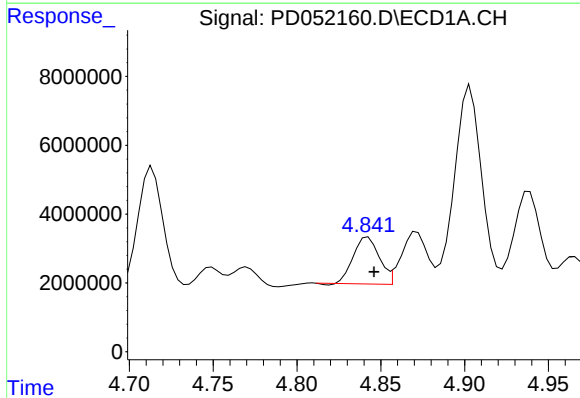
R.T.: 4.351 min  
Delta R.T.: 0.007 min  
Response: 25617534  
Conc: 11.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



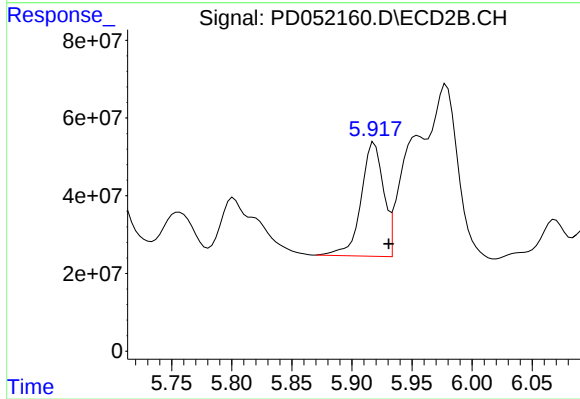
#7 delta-BHC

R.T.: 5.138 min  
Delta R.T.: 0.027 min  
Response: 856819112  
Conc: 21.60 ng/ml



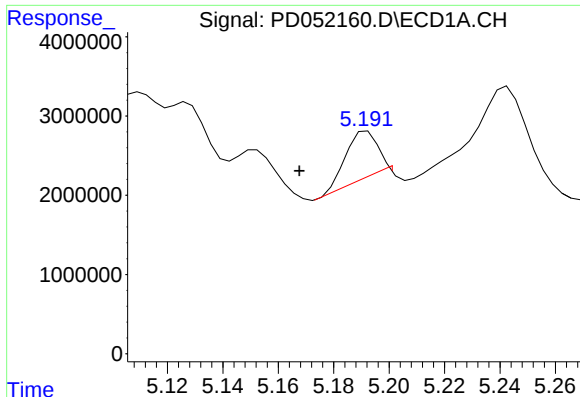
#8 Heptachlor epoxide

R.T.: 4.842 min  
Delta R.T.: -0.004 min  
Response: 14576838  
Conc: 7.22 ng/ml



#8 Heptachlor epoxide

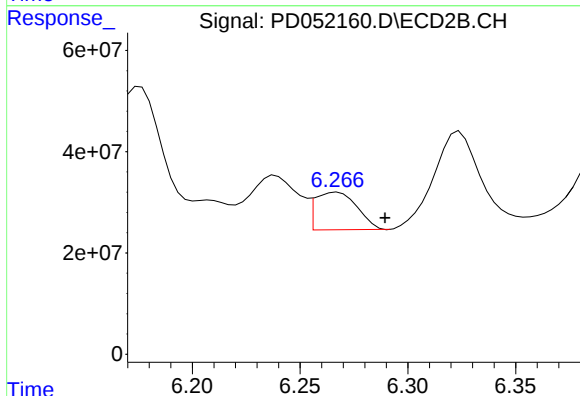
R.T.: 5.919 min  
Delta R.T.: -0.012 min  
Response: 380166120  
Conc: 11.16 ng/ml



#9 Endosulfan I

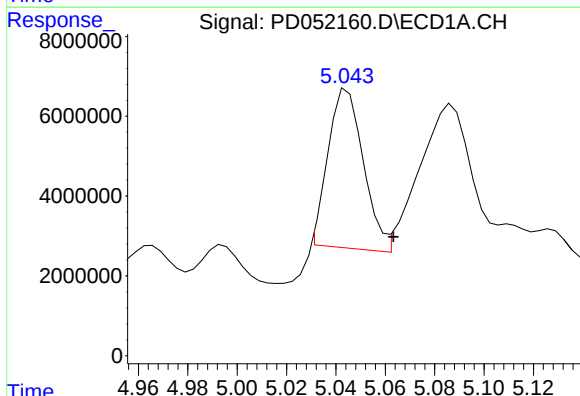
R.T.: 5.192 min  
Delta R.T.: 0.025 min  
Response: 4078429  
Conc: 2.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



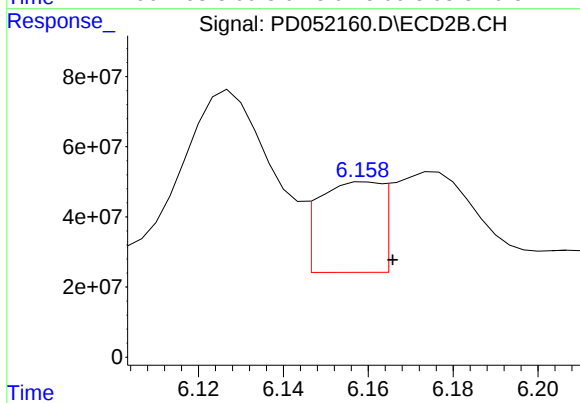
#9 Endosulfan I

R.T.: 6.267 min  
Delta R.T.: -0.022 min  
Response: 100474070  
Conc: 3.20 ng/ml



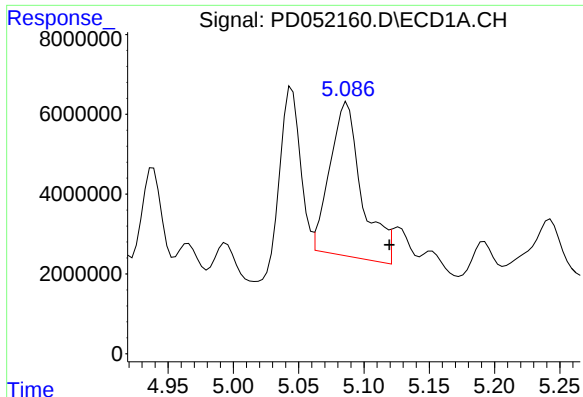
#10 trans-Chlordane

R.T.: 5.045 min  
Delta R.T.: -0.018 min  
Response: 39351545  
Conc: 19.10 ng/ml



#10 trans-Chlordane

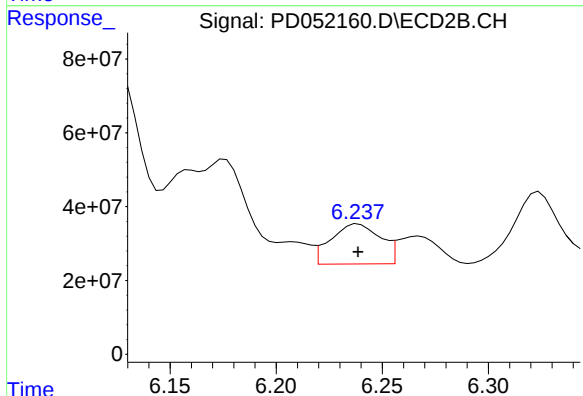
R.T.: 6.160 min  
Delta R.T.: -0.006 min  
Response: 262657368  
Conc: 7.73 ng/ml



#11 cis-Chlordane

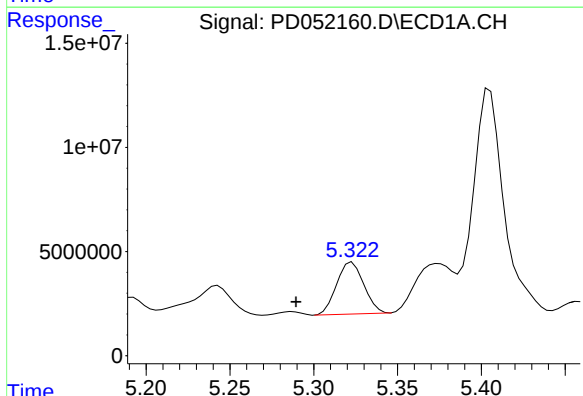
R.T.: 5.087 min  
Delta R.T.: -0.032 min  
Response: 65548349  
Conc: 32.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



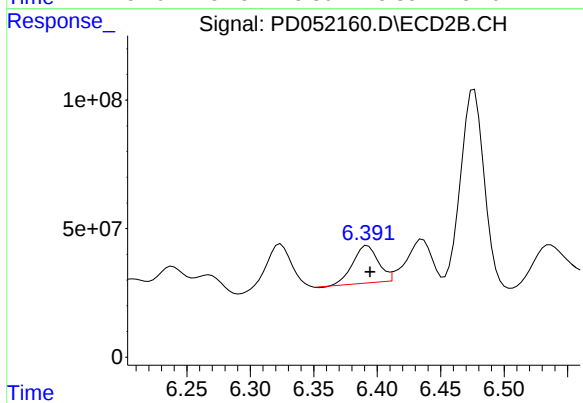
#11 cis-Chlordane

R.T.: 6.239 min  
Delta R.T.: 0.000 min  
Response: 175773478  
Conc: 5.41 ng/ml



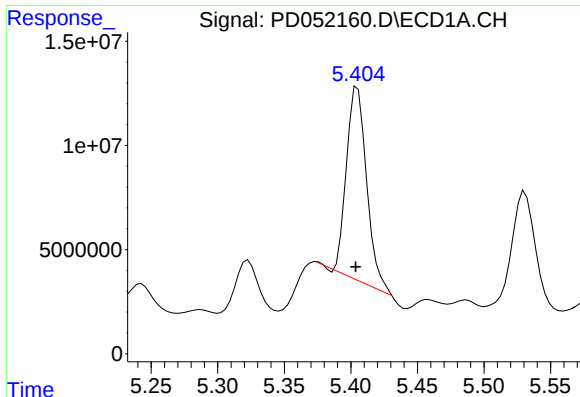
#12 4,4'-DDE

R.T.: 5.323 min  
Delta R.T.: 0.034 min  
Response: 27966926  
Conc: 13.87 ng/ml



#12 4,4'-DDE

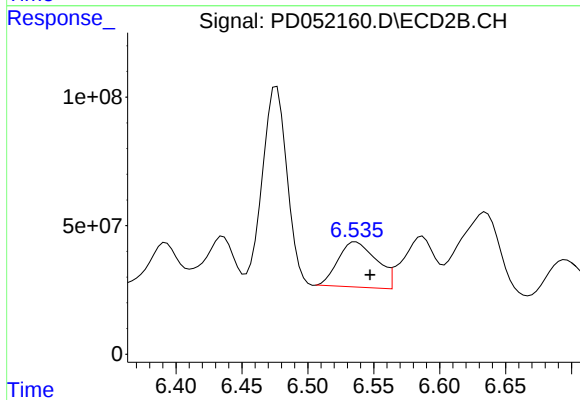
R.T.: 6.392 min  
Delta R.T.: -0.002 min  
Response: 200734739  
Conc: 6.56 ng/ml



#13 Dieldrin

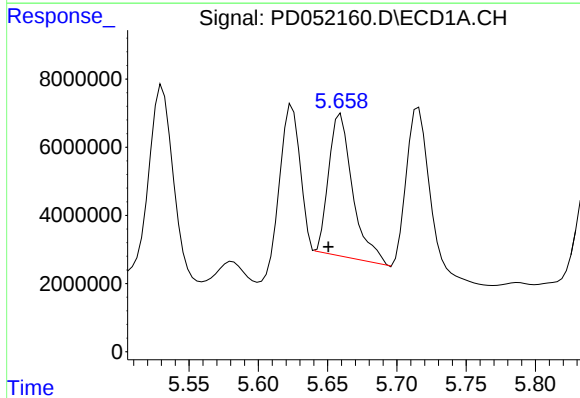
R.T.: 5.405 min  
Delta R.T.: 0.002 min  
Response: 95982134  
Conc: 44.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



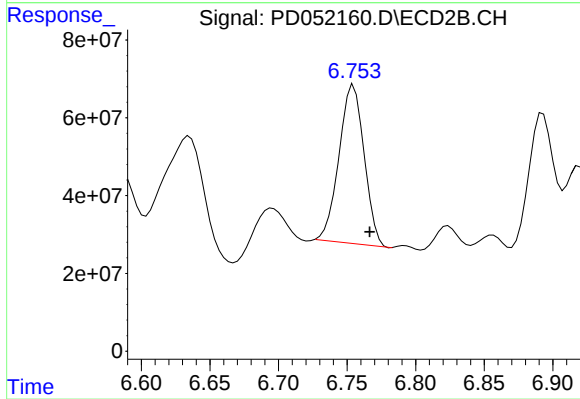
#13 Dieldrin

R.T.: 6.537 min  
Delta R.T.: -0.011 min  
Response: 357528638  
Conc: 11.47 ng/ml



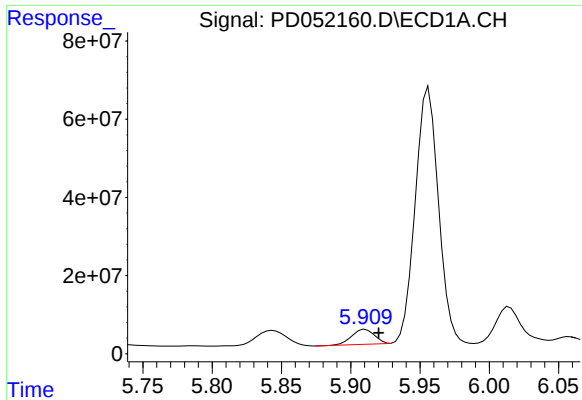
#14 Endrin

R.T.: 5.659 min  
Delta R.T.: 0.009 min  
Response: 50271345  
Conc: 28.21 ng/ml



#14 Endrin

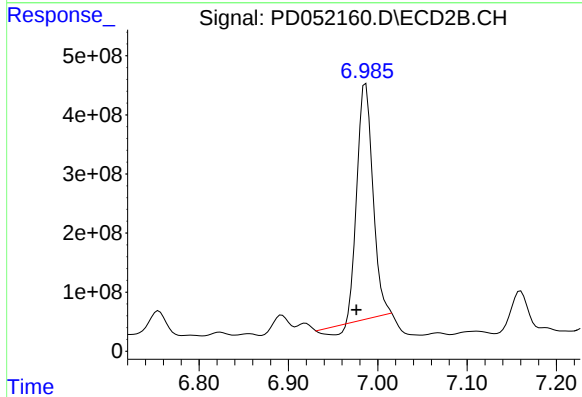
R.T.: 6.755 min  
Delta R.T.: -0.012 min  
Response: 520607818  
Conc: 22.62 ng/ml



#15 Endosulfan II

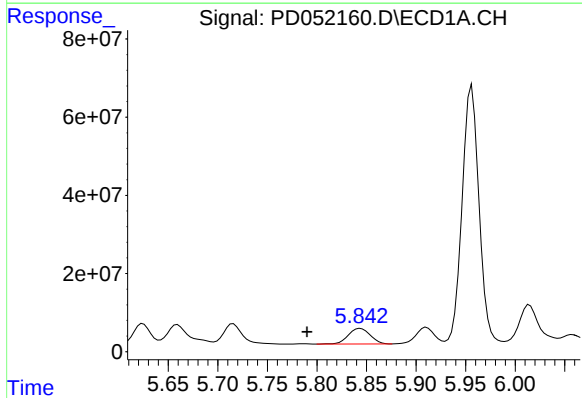
R.T.: 5.911 min  
Delta R.T.: -0.010 min  
Response: 43346822  
Conc: 22.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



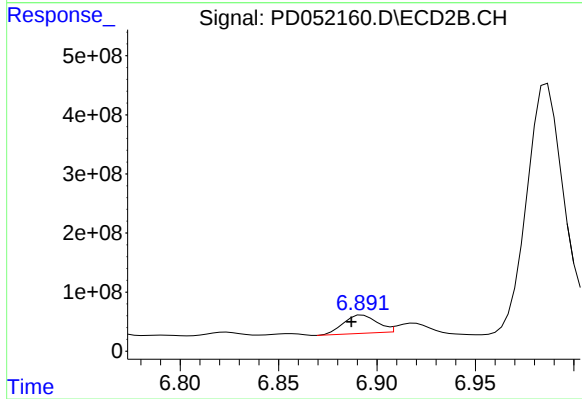
#15 Endosulfan II

R.T.: 6.987 min  
Delta R.T.: 0.010 min  
Response: 4819184274  
Conc: 190.08 ng/ml



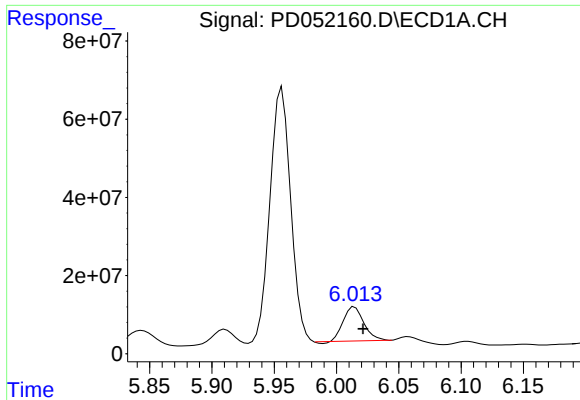
#16 4,4'-DDD

R.T.: 5.844 min  
Delta R.T.: 0.054 min  
Response: 60777509  
Conc: 36.23 ng/ml



#16 4,4'-DDD

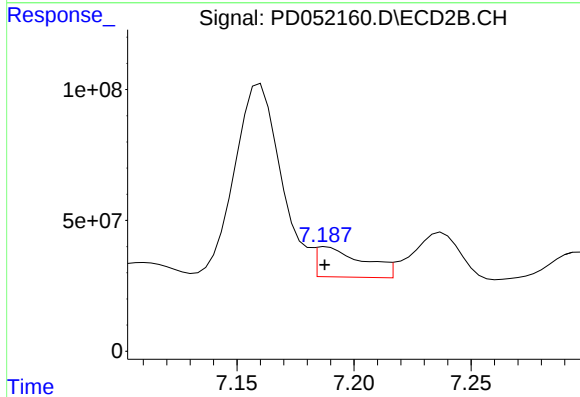
R.T.: 6.893 min  
Delta R.T.: 0.006 min  
Response: 366075533  
Conc: 15.38 ng/ml



#17 4,4'-DDT

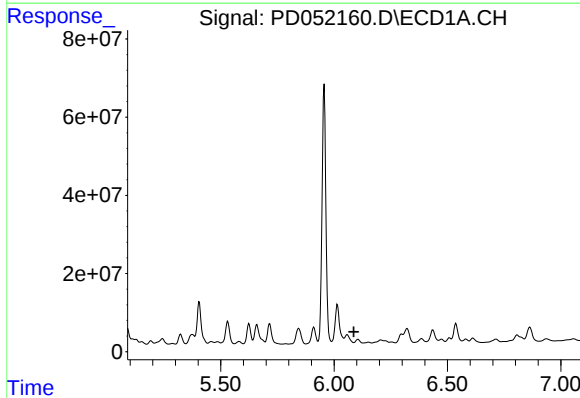
R.T.: 6.014 min  
Delta R.T.: -0.007 min  
Response: 99179618  
Conc: 60.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



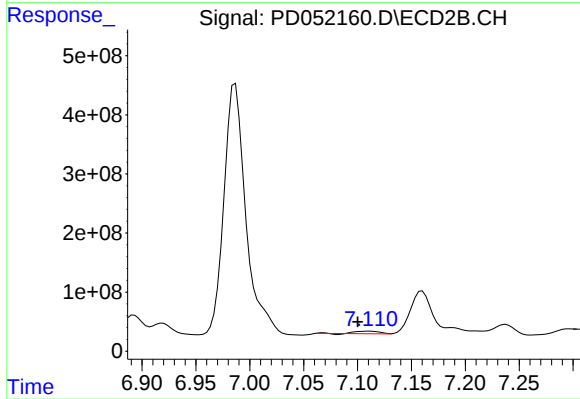
#17 4,4'-DDT

R.T.: 7.188 min  
Delta R.T.: 0.000 min  
Response: 159489694  
Conc: 8.26 ng/ml



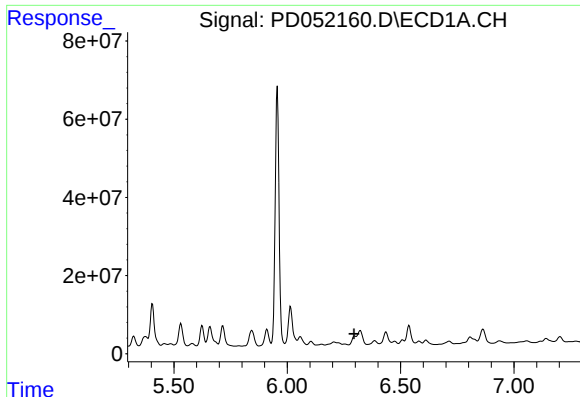
#18 Endrin aldehyde

R.T.: 6.105 min  
Delta R.T.: 0.018 min  
Response: -7903456  
Conc: N.D.



#18 Endrin aldehyde

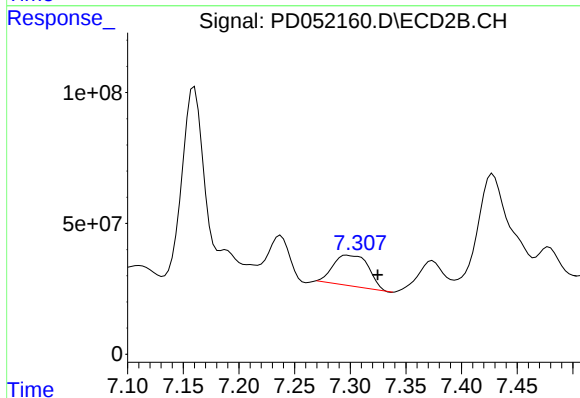
R.T.: 7.111 min  
Delta R.T.: 0.010 min  
Response: 60552952  
Conc: 2.96 ng/ml



#19 Endosulfan Sulfate

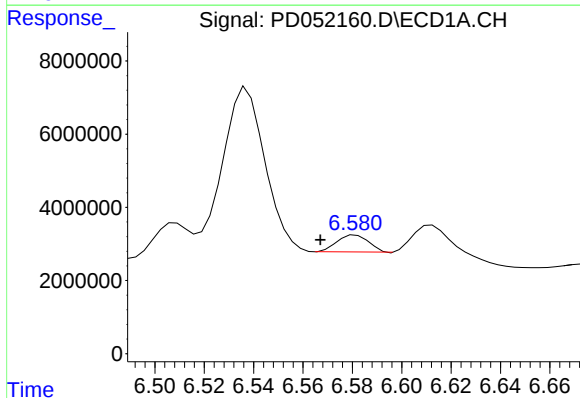
R.T.: 6.298 min  
Delta R.T.: 0.002 min  
Response: -11822348  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



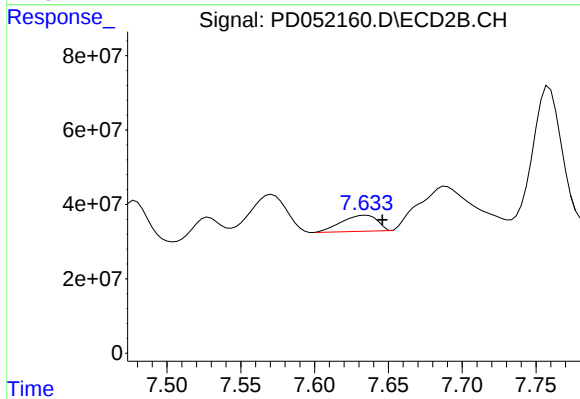
#19 Endosulfan Sulfate

R.T.: 7.297 min  
Delta R.T.: -0.027 min  
Response: 260384263  
Conc: 11.59 ng/ml



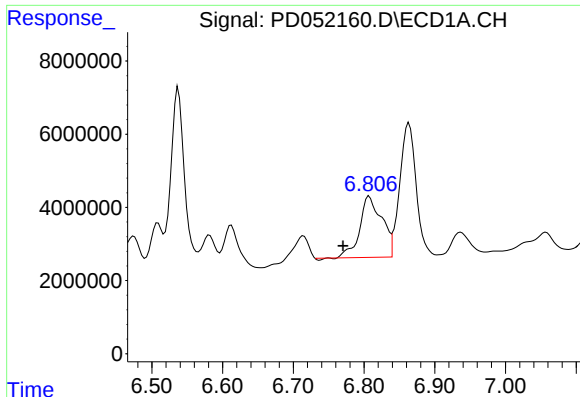
#20 Methoxychlor

R.T.: 6.582 min  
Delta R.T.: 0.014 min  
Response: 4121960  
Conc: 4.34 ng/ml



#20 Methoxychlor

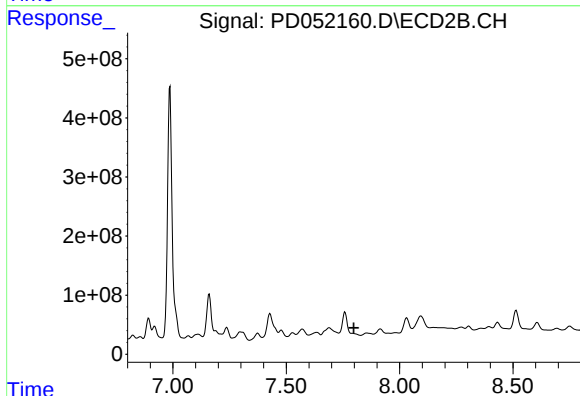
R.T.: 7.635 min  
Delta R.T.: -0.011 min  
Response: 72694714  
Conc: 7.82 ng/ml



#21 Endrin ketone

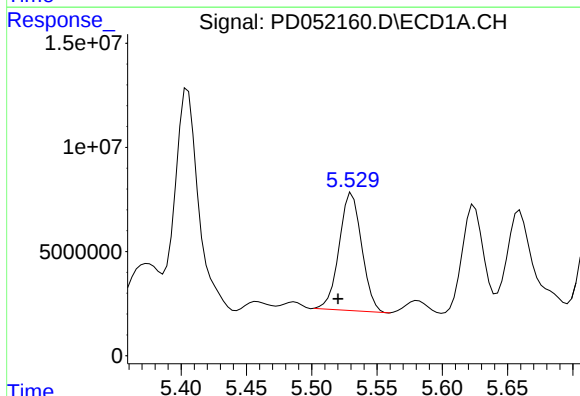
R.T.: 6.807 min  
Delta R.T.: 0.037 min  
Response: 36306574  
Conc: 18.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



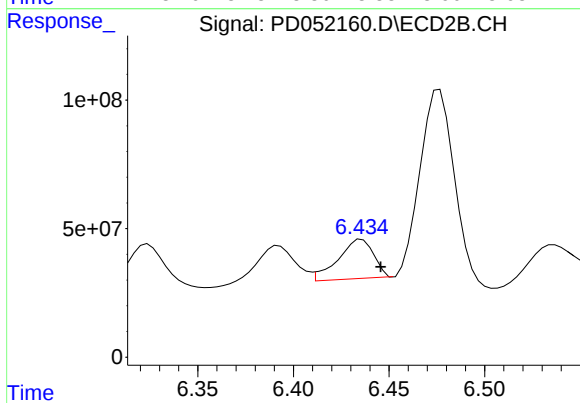
#21 Endrin ketone

R.T.: 7.759 min  
Delta R.T.: -0.040 min  
Response: -172063036  
Conc: N.D.



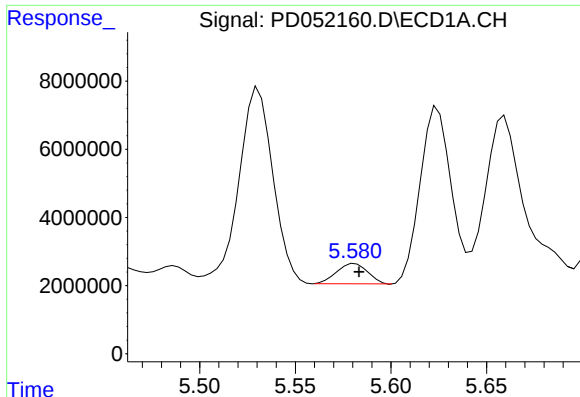
#22 Toxaphene-1

R.T.: 5.531 min  
Delta R.T.: 0.011 min  
Response: 67989388  
Conc: 5316.04 ng/ml



#22 Toxaphene-1

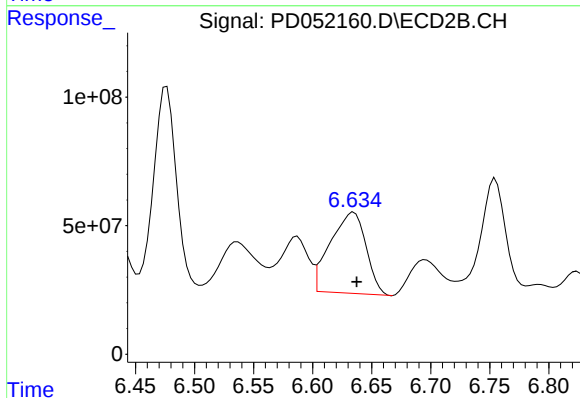
R.T.: 6.436 min  
Delta R.T.: -0.010 min  
Response: 199526337  
Conc: 1488.50 ng/ml



#23 Toxaphene-2

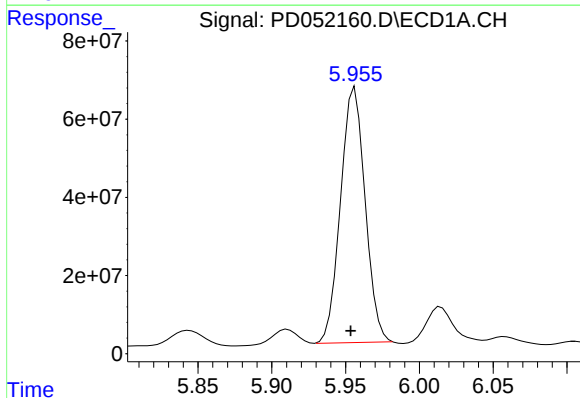
R.T.: 5.581 min  
Delta R.T.: -0.002 min  
Response: 6685508  
Conc: 304.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



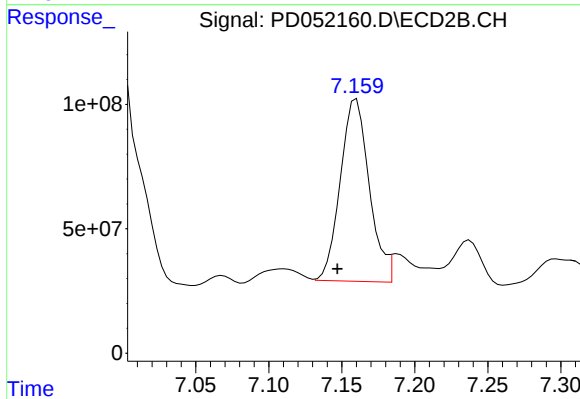
#23 Toxaphene-2

R.T.: 6.635 min  
Delta R.T.: -0.002 min  
Response: 661699508  
Conc: 2648.91 ng/ml



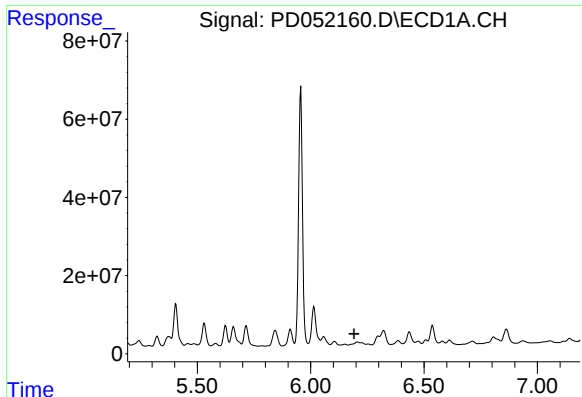
#24 Toxaphene-3

R.T.: 5.956 min  
Delta R.T.: 0.003 min  
Response: 757502330  
Conc: 21439.39 ng/ml



#24 Toxaphene-3

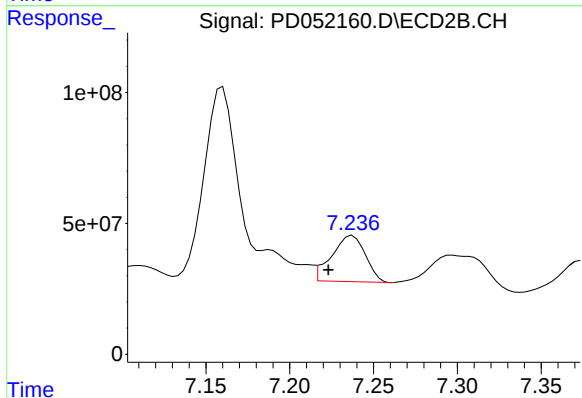
R.T.: 7.160 min  
Delta R.T.: 0.013 min  
Response: 1011118776  
Conc: 5000.85 ng/ml



#25 Toxaphene-4

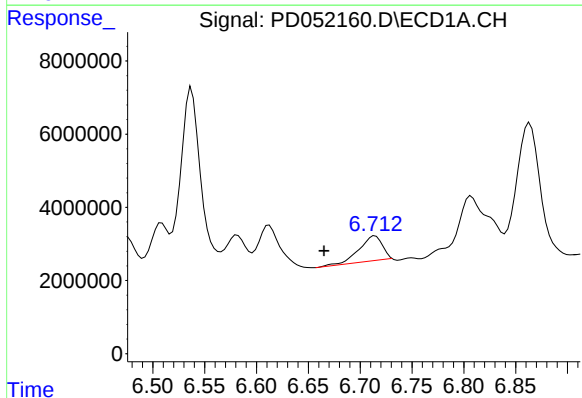
R.T.: 6.206 min  
Delta R.T.: 0.015 min  
Response: -1774805  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



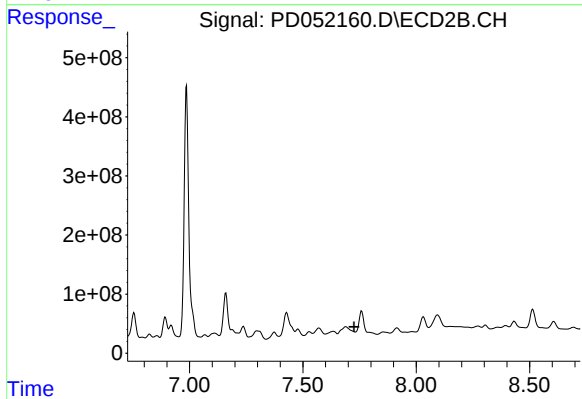
#25 Toxaphene-4

R.T.: 7.237 min  
Delta R.T.: 0.015 min  
Response: 247693526  
Conc: 445.01 ng/ml



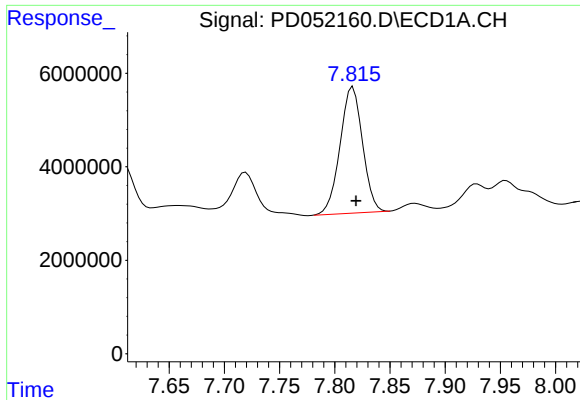
#26 Toxaphene-5

R.T.: 6.714 min  
Delta R.T.: 0.049 min  
Response: 10956162  
Conc: 253.00 ng/ml



#26 Toxaphene-5

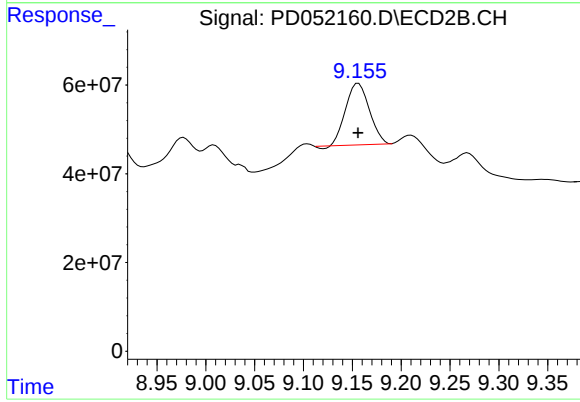
R.T.: 7.759 min  
Delta R.T.: 0.033 min  
Response: -172063036  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 7.817 min  
Delta R.T.: -0.003 min  
Response: 38287245  
Conc: 24.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.156 min  
Delta R.T.: 0.000 min  
Response: 232509940  
Conc: 15.06 ng/ml