

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011121\  
 Data File : PD060973.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jan 2021 09:45  
 Operator : DD\AJ  
 Sample : TOXAPHENE305  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 12 00:40:30 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD010721CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 08 03:28:22 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

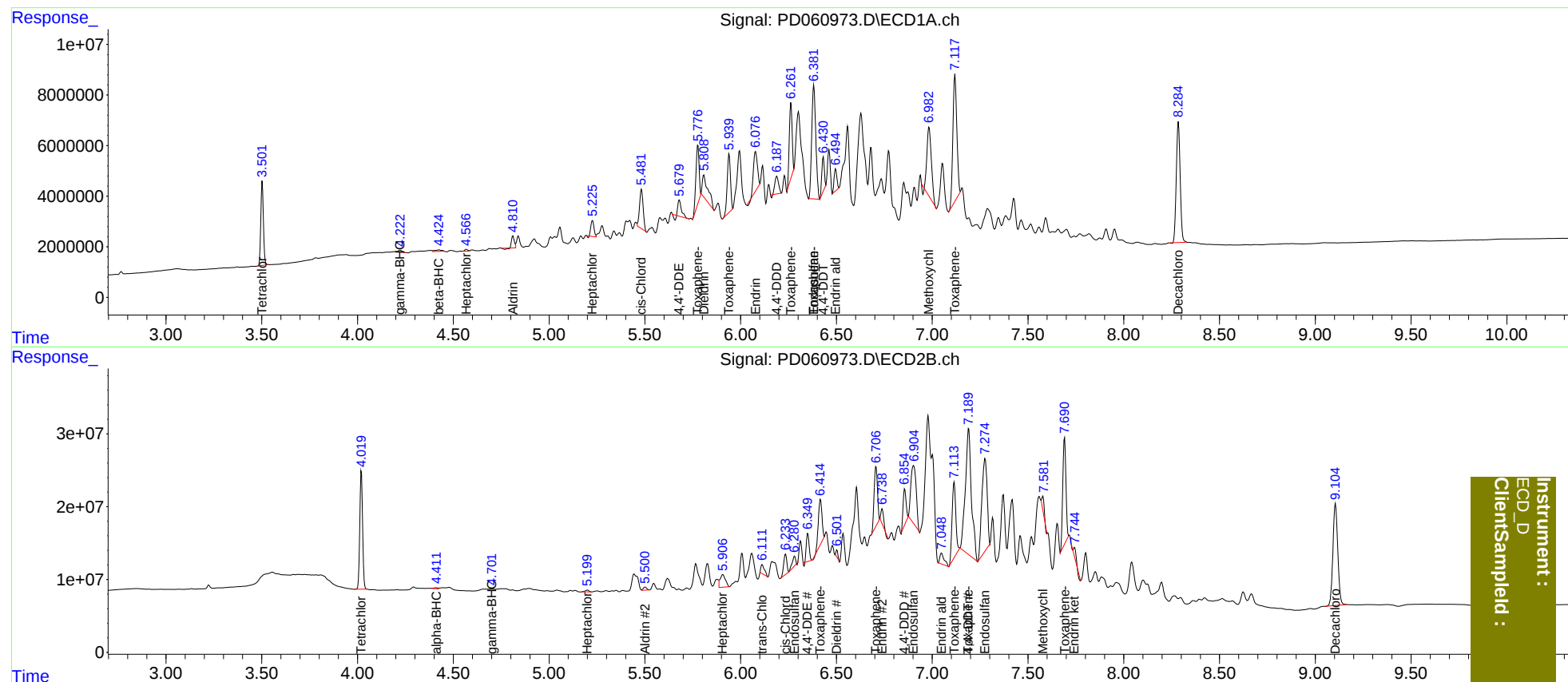
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.503  | 4.020  | 31288248 | 165.4E6  | 23.572   | 23.825   |
| 27)                         | SA Decachlor... | 8.286  | 9.105  | 66954957 | 249.1E6  | 41.610   | 40.385   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.411  | 0        | 1854674  | N.D.     | 0.174    |
| 3)                          | MA gamma-BHC... | 4.223  | 4.702  | 1001559  | 4344741  | 0.536    | 0.443    |
| 4)                          | MA Heptachlor   | 4.568f | 5.200  | 784532   | 3207056  | 0.387    | 0.326    |
| 5)                          | MB Aldrin       | 4.811f | 5.502  | 4204843  | 5400369  | 2.187    | 0.586 #  |
| 6)                          | B beta-BHC      | 4.426f | 0.000  | 1576056  | 0        | 1.936    | N.D. #   |
| 7)                          | B delta-BHC     | 4.690  | 5.113f | -56419   | 410201   | N.D.     | <MDL     |
| 8)                          | B Heptachlo...  | 5.227  | 5.907  | 7094947  | 33842134 | 3.931    | 4.117    |
| 9)                          | A Endosulfan I  | 5.580  | 6.282  | -1463352 | 16812832 | N.D.     | 2.158    |
| 10)                         | B trans-Chl...  | 5.453  | 6.113  | -979865  | 16556470 | N.D.     | 1.910    |
| 11)                         | B cis-Chlor...  | 5.482  | 6.235  | 20367820 | 31405623 | 11.018   | 3.820 #  |
| 12)                         | B 4,4'-DDE      | 5.680  | 6.351  | 7353471  | 38227060 | 4.234    | 5.139    |
| 13)                         | MA Dieldrin     | 5.808  | 6.503  | 18295633 | 6969554  | 9.484    | 0.831 #  |
| 14)                         | MA Endrin       | 6.078  | 6.739  | 21304344 | 19588624 | 13.475   | 3.016 #  |
| 15)                         | B Endosulfa...  | 6.382f | 6.903f | 66965914 | 155.0E6  | 46.836   | 24.948 # |
| 16)                         | A 4,4'-DDD      | 6.189  | 6.857  | 9053341  | 51771952 | 6.473    | 8.876 #  |
| 17)                         | MA 4,4'-DDT     | 6.432  | 7.190f | 12118074 | 382.1E6  | 7.780    | 61.889 # |
| 18)                         | B Endrin al...  | 6.496  | 7.049  | 8543702  | 23911890 | 6.871    | 4.548 #  |
| 19)                         | B Endosulfa...  | 6.735  | 7.276  | 116877   | 243.7E6  | <MDL     | 39.488 # |
| 20)                         | A Methoxychlor  | 6.984  | 7.578  | 43742321 | 16824016 | 57.231   | 5.908 #  |
| 21)                         | B Endrin ke...  | 7.233  | 7.743  | 27857    | 10231543 | <MDL     | 1.577 #  |
| 22)                         | Toxaphene-1     | 5.777  | 6.417  | 26354345 | 85226672 | 1664.499 | 1618.734 |
| 23)                         | Toxaphene-2     | 5.940  | 6.707  | 27030321 | 97864032 | 1625.880 | 1590.326 |
| 24)                         | Toxaphene-3     | 6.263  | 7.115  | 30201450 | 138.8E6  | 1637.887 | 1588.181 |
| 25)                         | Toxaphene-4     | 6.382  | 7.190  | 66965914 | 382.1E6  | 1613.318 | 1595.557 |
| 26)                         | Toxaphene-5     | 7.119  | 7.691  | 71276176 | 170.2E6  | 1592.299 | 1607.942 |
| -----                       |                 |        |        |          |          |          |          |

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

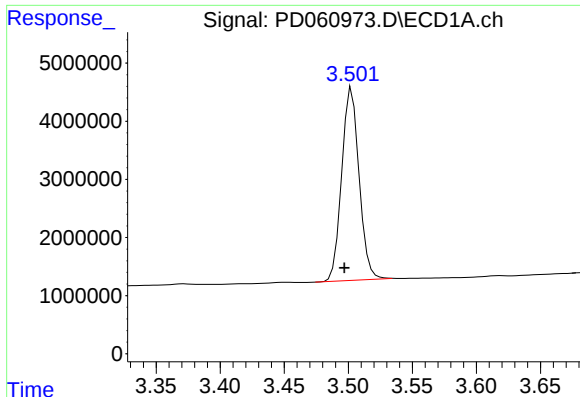
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011121\  
Data File : PD060973.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jan 2021 09:45  
Operator : DD\AJ  
Sample : TOXAPHENE305  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 12 00:40:30 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD010721CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 08 03:28:22 2021  
Response via : Initial Calibration  
Integrator: ChemStation

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



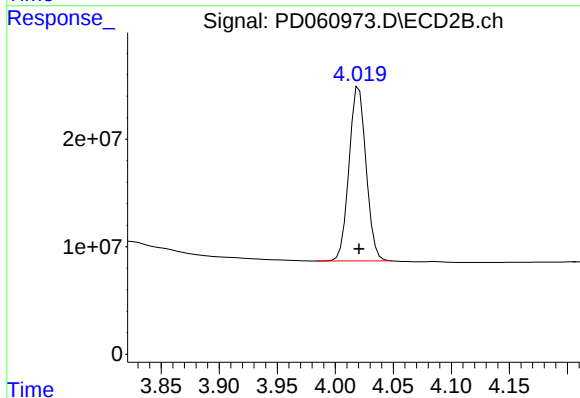
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

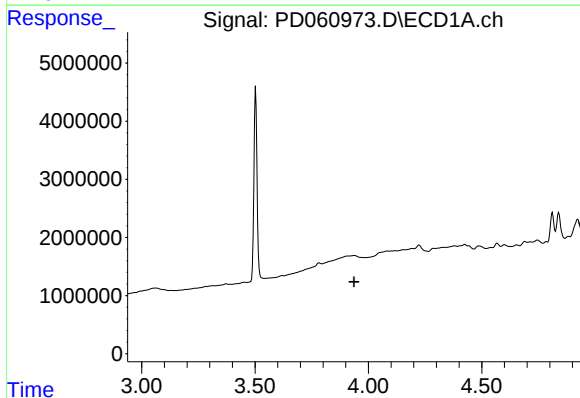
R.T.: 3.503 min  
Delta R.T.: 0.006 min  
Response: 31288248  
Conc: 23.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



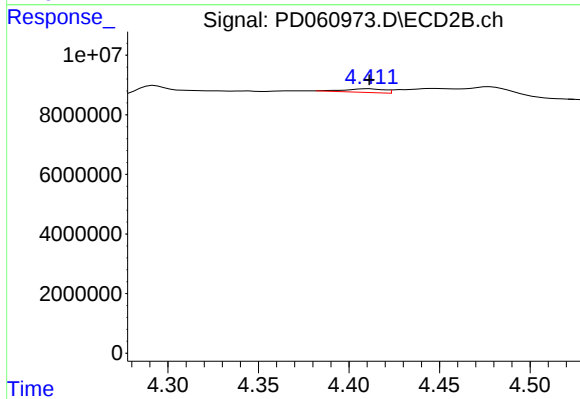
#1 Tetrachloro-m-xylene

R.T.: 4.020 min  
Delta R.T.: 0.000 min  
Response: 165446881  
Conc: 23.82 ng/ml



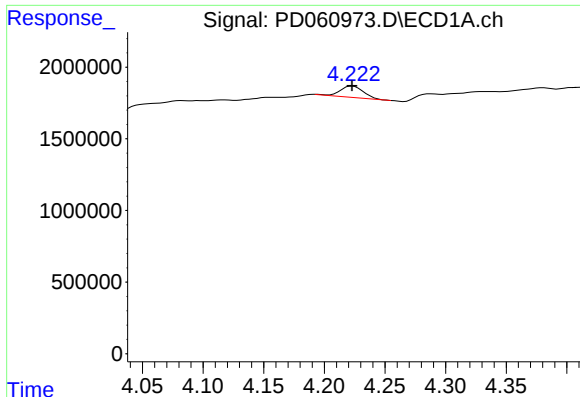
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.937 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

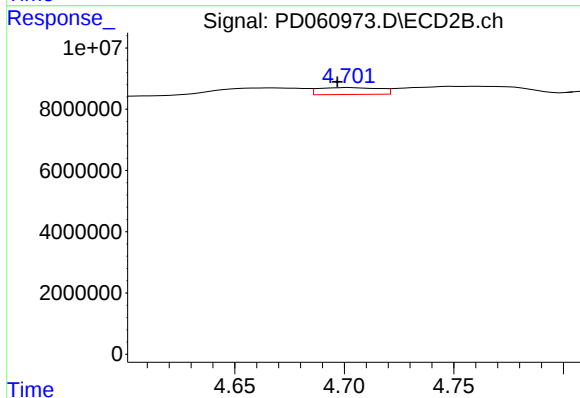
R.T.: 4.411 min  
Delta R.T.: 0.000 min  
Response: 1854674  
Conc: 0.17 ng/ml



#3 gamma-BHC (Lindane)

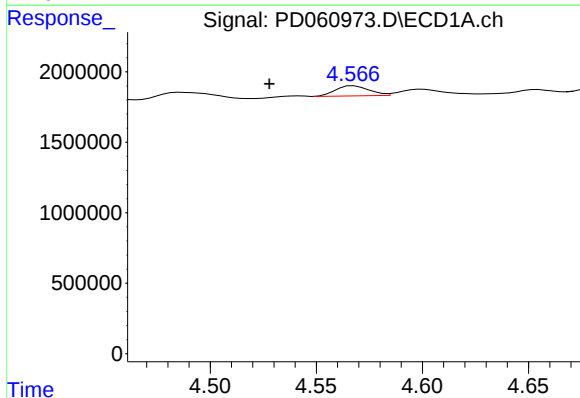
R.T.: 4.223 min  
Delta R.T.: 0.000 min  
Response: 1001559  
Conc: 0.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



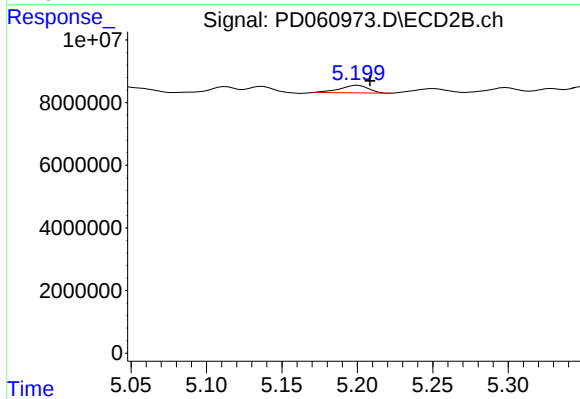
#3 gamma-BHC (Lindane)

R.T.: 4.702 min  
Delta R.T.: 0.005 min  
Response: 4344741  
Conc: 0.44 ng/ml



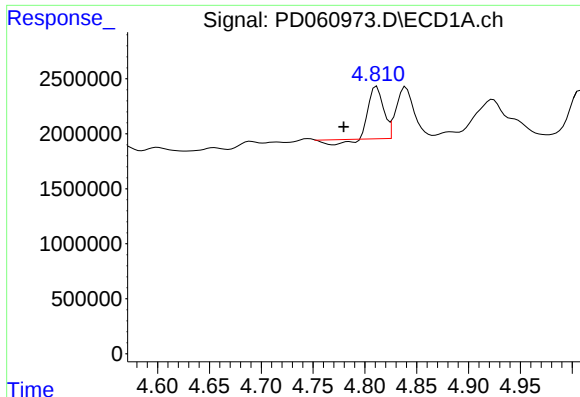
#4 Heptachlor

R.T.: 4.568 min  
Delta R.T.: 0.040 min  
Response: 784532  
Conc: 0.39 ng/ml



#4 Heptachlor

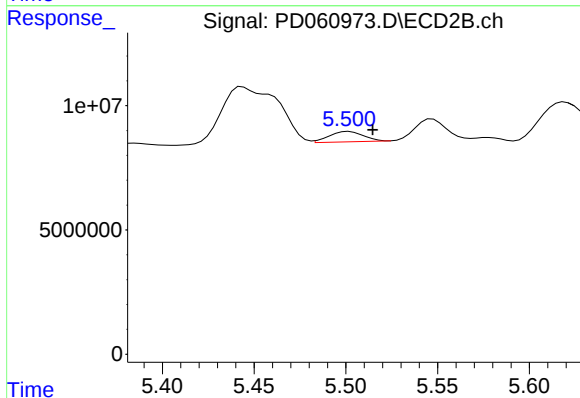
R.T.: 5.200 min  
Delta R.T.: -0.008 min  
Response: 3207056  
Conc: 0.33 ng/ml



#5 Aldrin

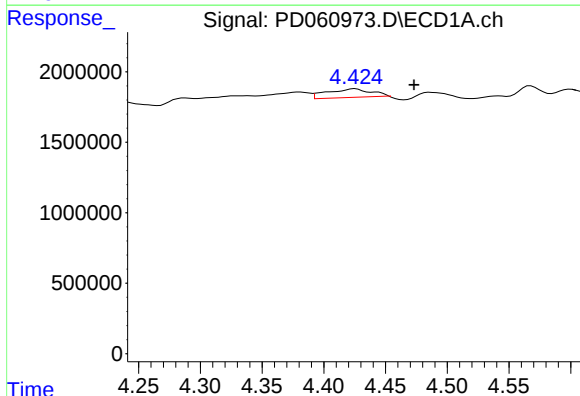
R.T.: 4.811 min  
Delta R.T.: 0.032 min  
Response: 4204843  
Conc: 2.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



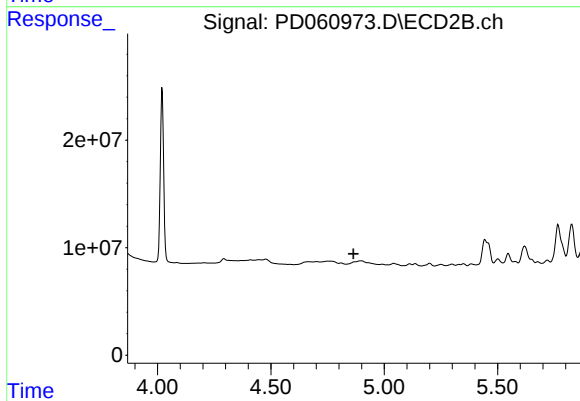
#5 Aldrin

R.T.: 5.502 min  
Delta R.T.: -0.013 min  
Response: 5400369  
Conc: 0.59 ng/ml



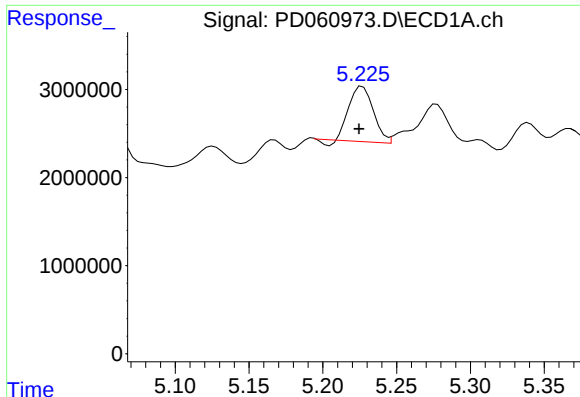
#6 beta-BHC

R.T.: 4.426 min  
Delta R.T.: -0.048 min  
Response: 1576056  
Conc: 1.94 ng/ml



#6 beta-BHC

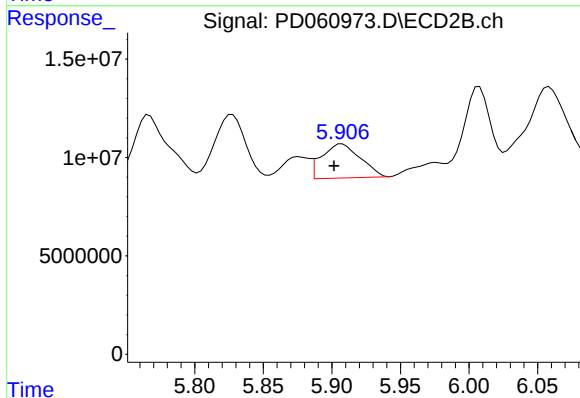
R.T.: 0.000 min  
Exp R.T.: 4.865 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

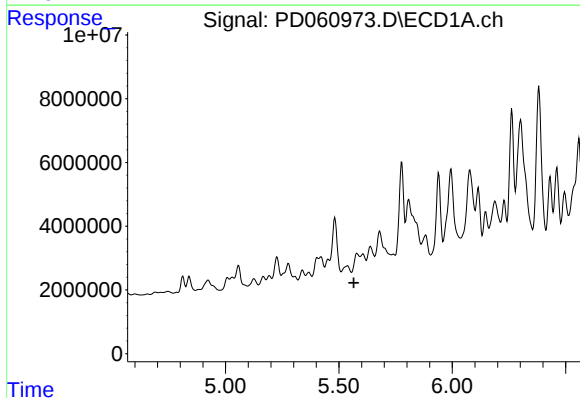
R.T.: 5.227 min  
Delta R.T.: 0.002 min  
Response: 7094947  
Conc: 3.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



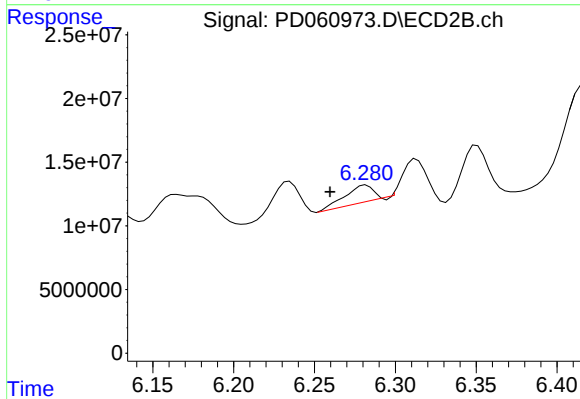
#8 Heptachlor epoxide

R.T.: 5.907 min  
Delta R.T.: 0.006 min  
Response: 33842134  
Conc: 4.12 ng/ml



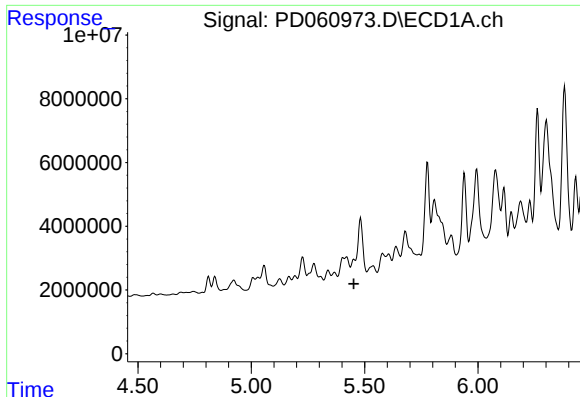
#9 Endosulfan I

R.T.: 5.580 min  
Delta R.T.: 0.014 min  
Response: -1463352  
Conc: N.D.



#9 Endosulfan I

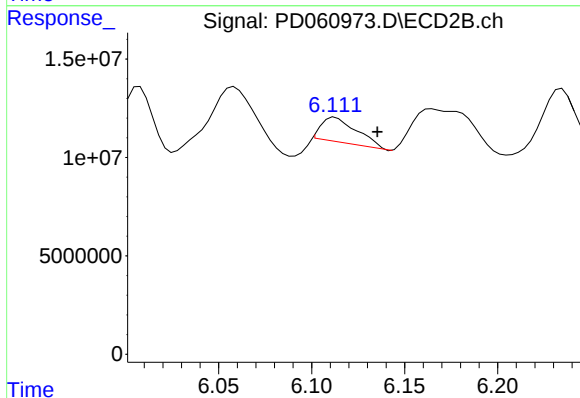
R.T.: 6.282 min  
Delta R.T.: 0.022 min  
Response: 16812832  
Conc: 2.16 ng/ml



#10 trans-Chlordane

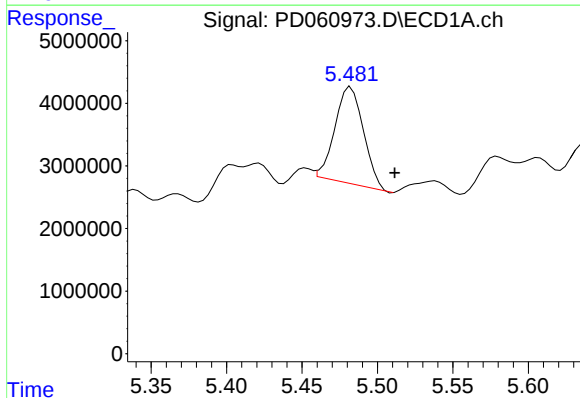
R.T.: 5.453 min  
Delta R.T.: 0.000 min  
Response: -979865  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



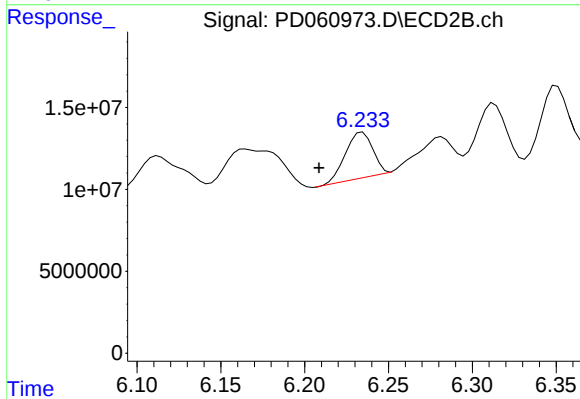
#10 trans-Chlordane

R.T.: 6.113 min  
Delta R.T.: -0.023 min  
Response: 16556470  
Conc: 1.91 ng/ml



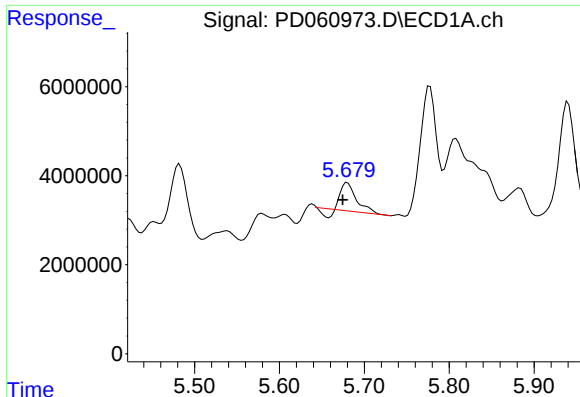
#11 cis-Chlordane

R.T.: 5.482 min  
Delta R.T.: -0.029 min  
Response: 20367820  
Conc: 11.02 ng/ml



#11 cis-Chlordane

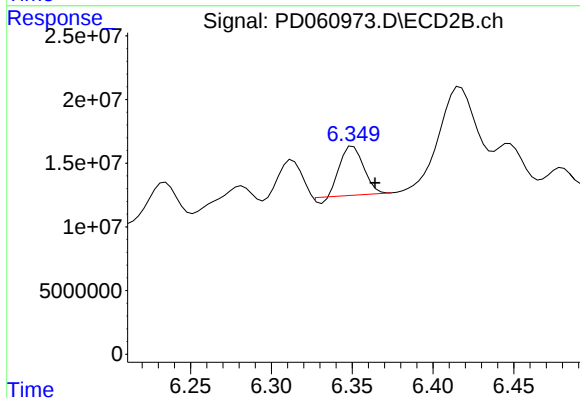
R.T.: 6.235 min  
Delta R.T.: 0.026 min  
Response: 31405623  
Conc: 3.82 ng/ml



#12 4,4'-DDE

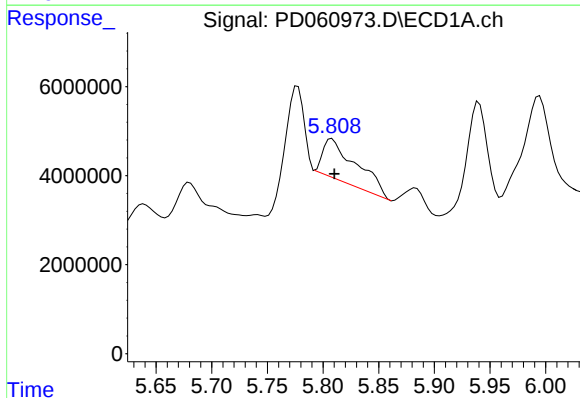
R.T.: 5.680 min  
Delta R.T.: 0.005 min  
Response: 7353471  
Conc: 4.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



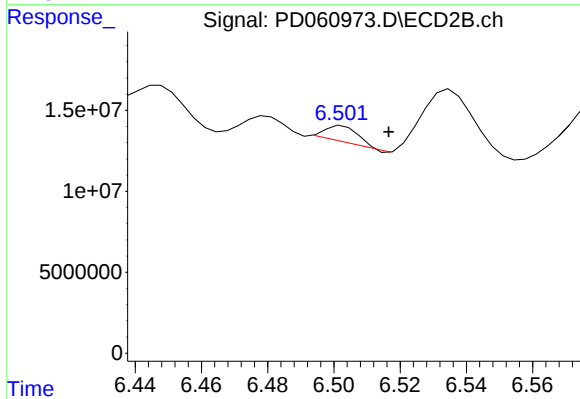
#12 4,4'-DDE

R.T.: 6.351 min  
Delta R.T.: -0.014 min  
Response: 38227060  
Conc: 5.14 ng/ml



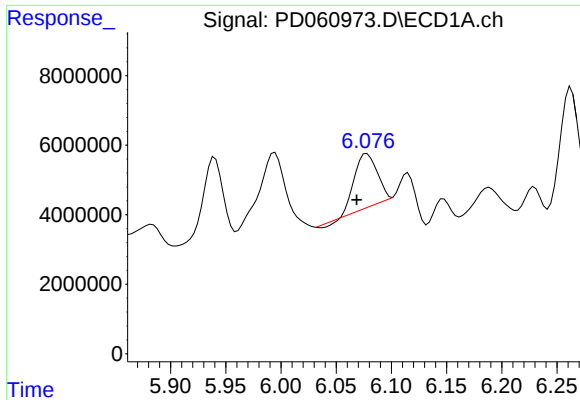
#13 Dieldrin

R.T.: 5.808 min  
Delta R.T.: -0.002 min  
Response: 18295633  
Conc: 9.48 ng/ml



#13 Dieldrin

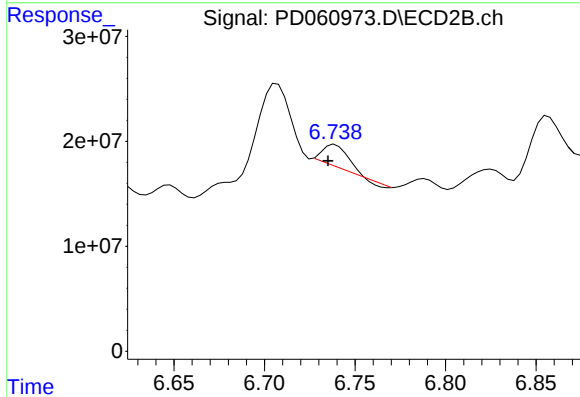
R.T.: 6.503 min  
Delta R.T.: -0.014 min  
Response: 6969554  
Conc: 0.83 ng/ml



#14 Endrin

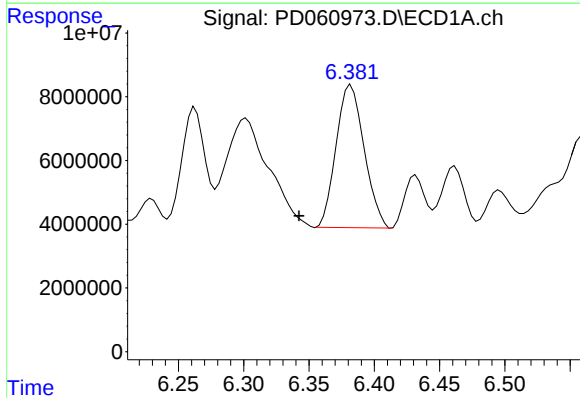
R.T.: 6.078 min  
Delta R.T.: 0.009 min  
Response: 21304344  
Conc: 13.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



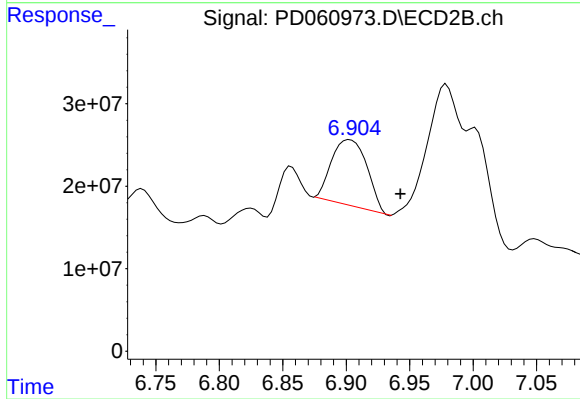
#14 Endrin

R.T.: 6.739 min  
Delta R.T.: 0.004 min  
Response: 19588624  
Conc: 3.02 ng/ml



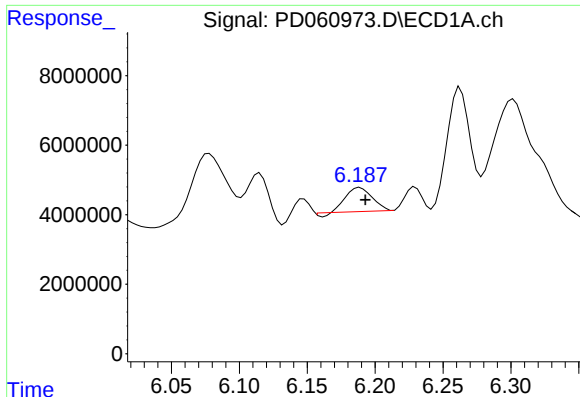
#15 Endosulfan II

R.T.: 6.382 min  
Delta R.T.: 0.040 min  
Response: 66965914  
Conc: 46.84 ng/ml



#15 Endosulfan II

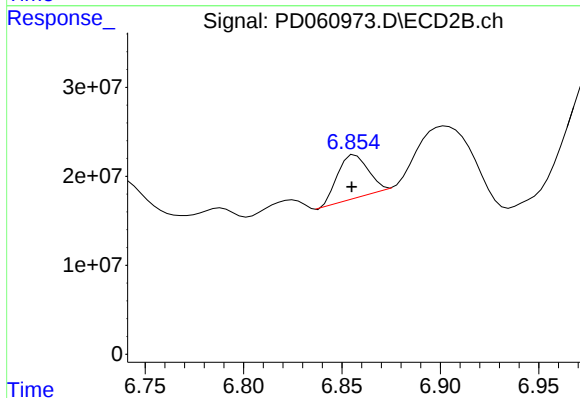
R.T.: 6.903 min  
Delta R.T.: -0.040 min  
Response: 154962353  
Conc: 24.95 ng/ml



#16 4,4'-DDD

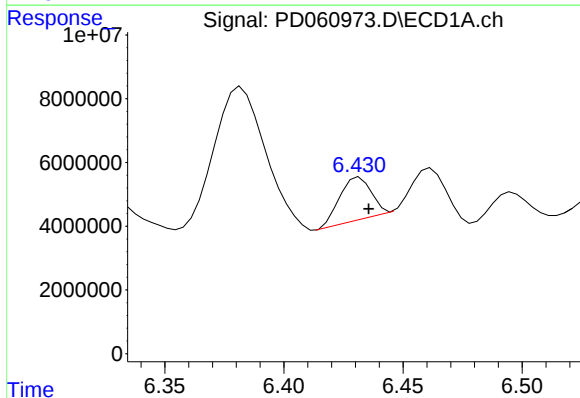
R.T.: 6.189 min  
Delta R.T.: -0.004 min  
Response: 9053341  
Conc: 6.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



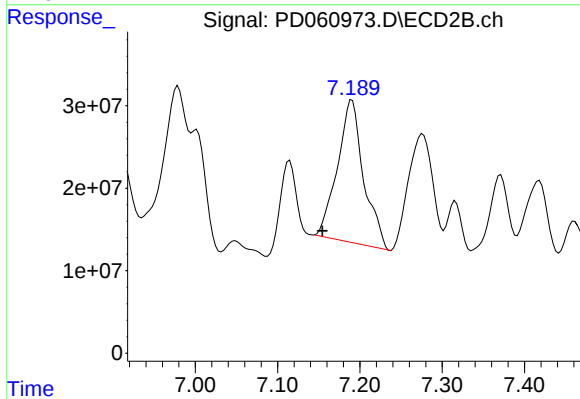
#16 4,4'-DDD

R.T.: 6.857 min  
Delta R.T.: 0.002 min  
Response: 51771952  
Conc: 8.88 ng/ml



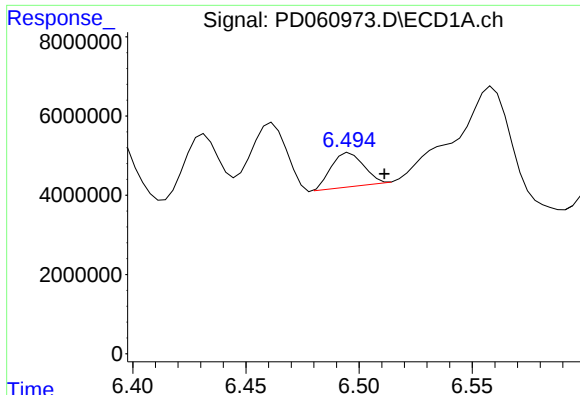
#17 4,4'-DDT

R.T.: 6.432 min  
Delta R.T.: -0.004 min  
Response: 12118074  
Conc: 7.78 ng/ml



#17 4,4'-DDT

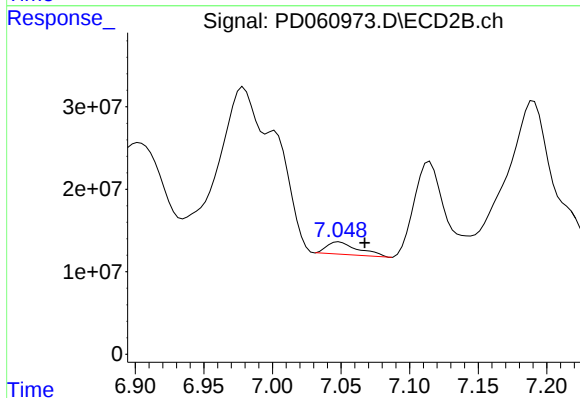
R.T.: 7.190 min  
Delta R.T.: 0.036 min  
Response: 382149830  
Conc: 61.89 ng/ml



#18 Endrin aldehyde

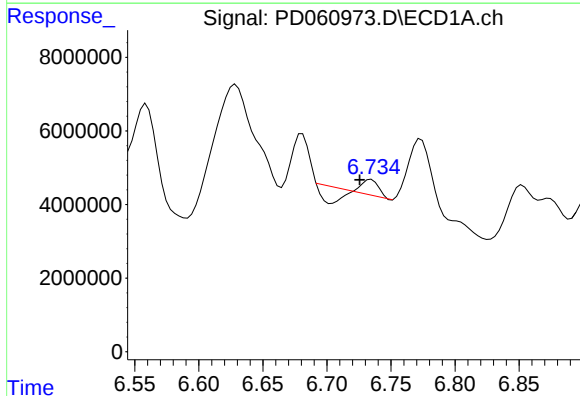
R.T.: 6.496 min  
Delta R.T.: -0.015 min  
Response: 8543702  
Conc: 6.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



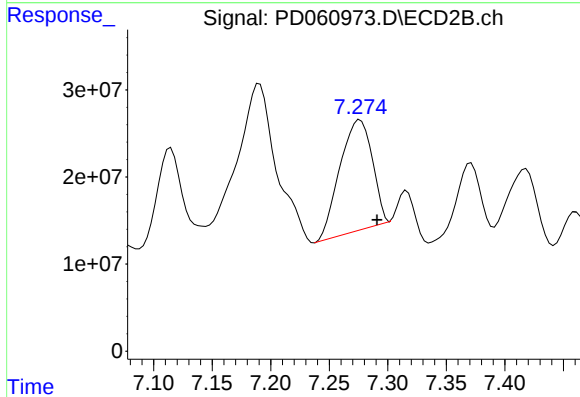
#18 Endrin aldehyde

R.T.: 7.049 min  
Delta R.T.: -0.019 min  
Response: 23911890  
Conc: 4.55 ng/ml



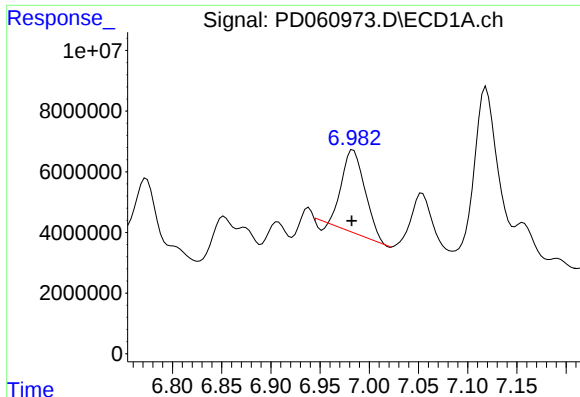
#19 Endosulfan Sulfate

R.T.: 6.735 min  
Delta R.T.: 0.009 min  
Response: 116877  
Conc: N.D.



#19 Endosulfan Sulfate

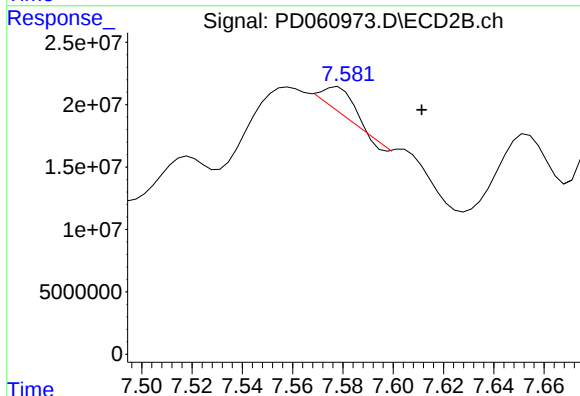
R.T.: 7.276 min  
Delta R.T.: -0.014 min  
Response: 243661571  
Conc: 39.49 ng/ml



#20 Methoxychlor

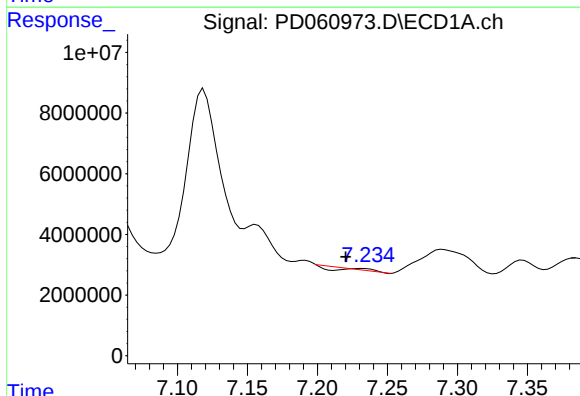
R.T.: 6.984 min  
Delta R.T.: 0.002 min  
Response: 43742321  
Conc: 57.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



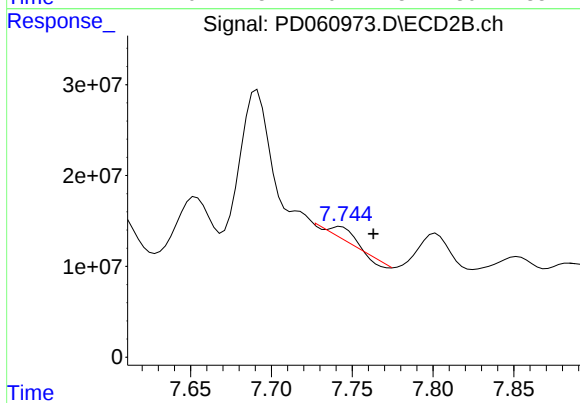
#20 Methoxychlor

R.T.: 7.578 min  
Delta R.T.: -0.033 min  
Response: 16824016  
Conc: 5.91 ng/ml



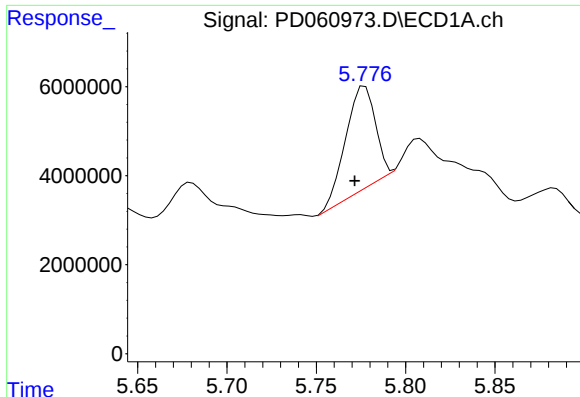
#21 Endrin ketone

R.T.: 7.233 min  
Delta R.T.: 0.012 min  
Response: 27857  
Conc: N.D.



#21 Endrin ketone

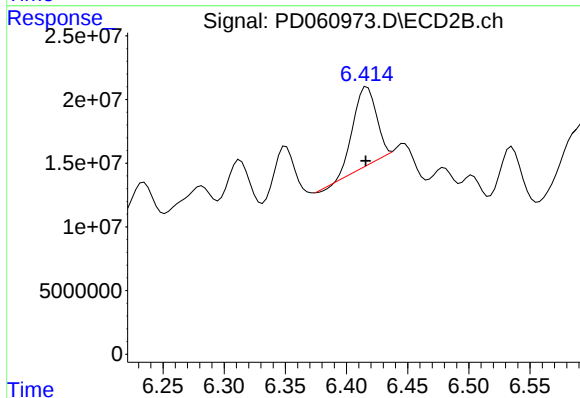
R.T.: 7.743 min  
Delta R.T.: -0.020 min  
Response: 10231543  
Conc: 1.58 ng/ml



#22 Toxaphene-1

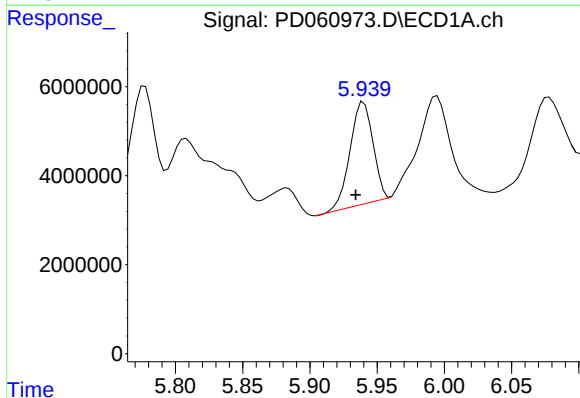
R.T.: 5.777 min  
Delta R.T.: 0.006 min  
Response: 26354345  
Conc: 1664.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



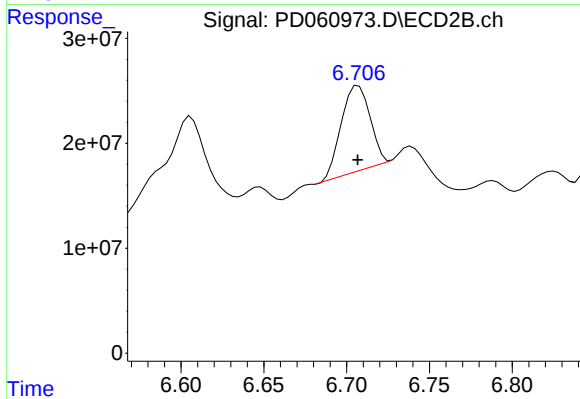
#22 Toxaphene-1

R.T.: 6.417 min  
Delta R.T.: 0.001 min  
Response: 85226672  
Conc: 1618.73 ng/ml



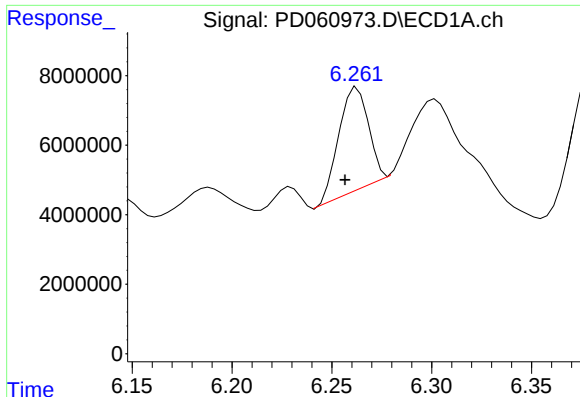
#23 Toxaphene-2

R.T.: 5.940 min  
Delta R.T.: 0.006 min  
Response: 27030321  
Conc: 1625.88 ng/ml



#23 Toxaphene-2

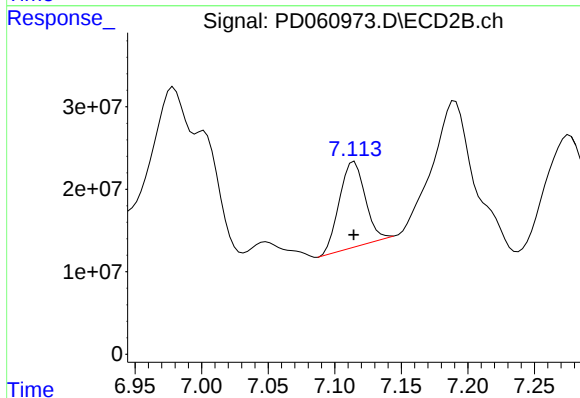
R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 97864032  
Conc: 1590.33 ng/ml



#24 Toxaphene-3

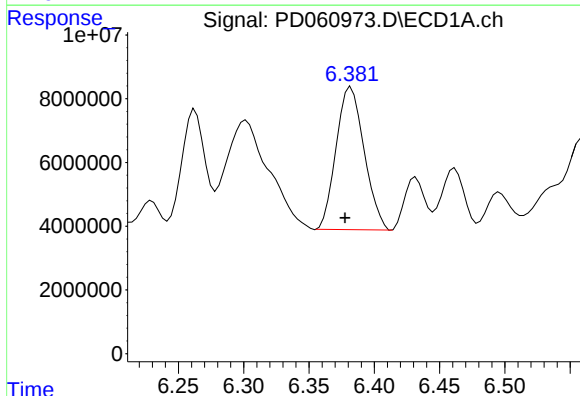
R.T.: 6.263 min  
Delta R.T.: 0.006 min  
Response: 30201450  
Conc: 1637.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



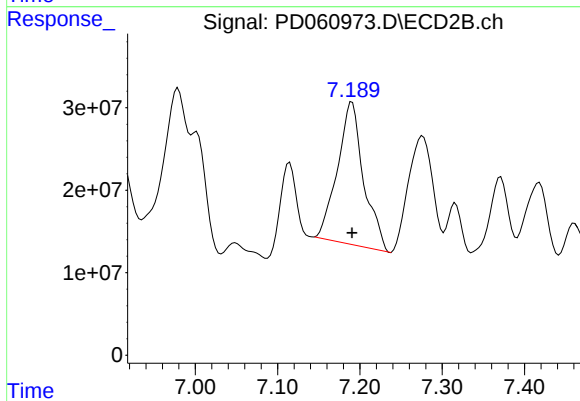
#24 Toxaphene-3

R.T.: 7.115 min  
Delta R.T.: 0.000 min  
Response: 138846511  
Conc: 1588.18 ng/ml



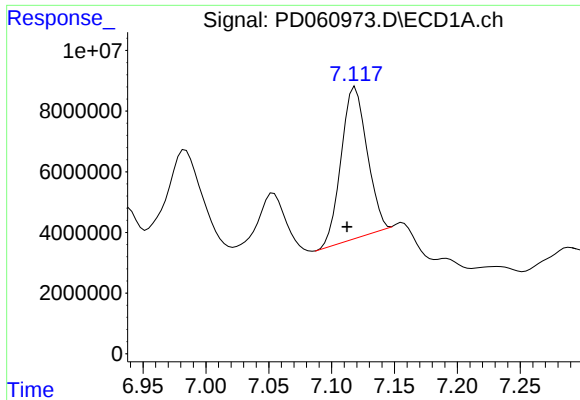
#25 Toxaphene-4

R.T.: 6.382 min  
Delta R.T.: 0.005 min  
Response: 66965914  
Conc: 1613.32 ng/ml



#25 Toxaphene-4

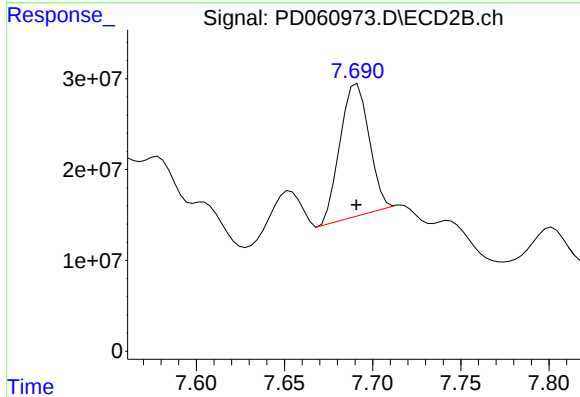
R.T.: 7.190 min  
Delta R.T.: 0.000 min  
Response: 382149830  
Conc: 1595.56 ng/ml



#26 Toxaphene-5

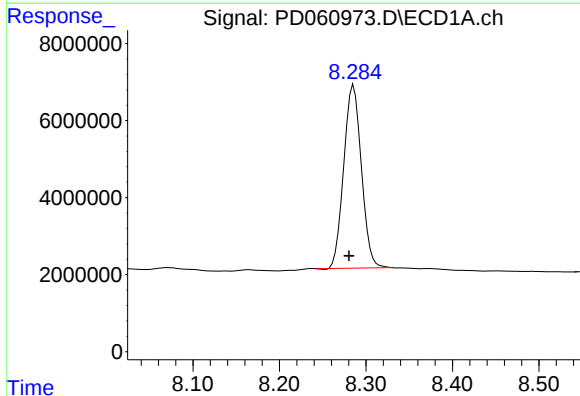
R.T.: 7.119 min  
Delta R.T.: 0.007 min  
Response: 71276176  
Conc: 1592.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



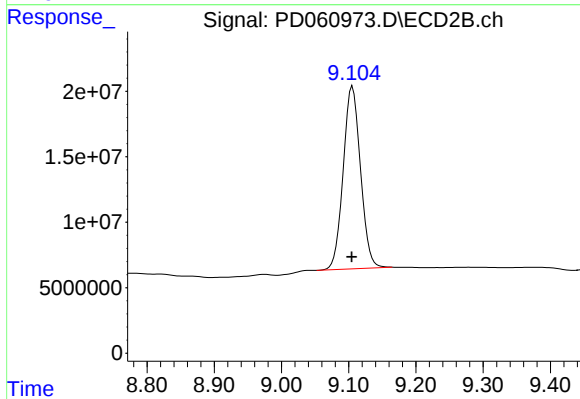
#26 Toxaphene-5

R.T.: 7.691 min  
Delta R.T.: 0.000 min  
Response: 170224030  
Conc: 1607.94 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.286 min  
Delta R.T.: 0.005 min  
Response: 66954957  
Conc: 41.61 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.105 min  
Delta R.T.: 0.001 min  
Response: 249069256  
Conc: 40.39 ng/ml