

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040523\  
 Data File : PD074600.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Apr 2023 11:30  
 Operator : AR\AJ  
 Sample : 02115-07MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 05 22:27:43 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031323CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 14 03:05:06 2023  
 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

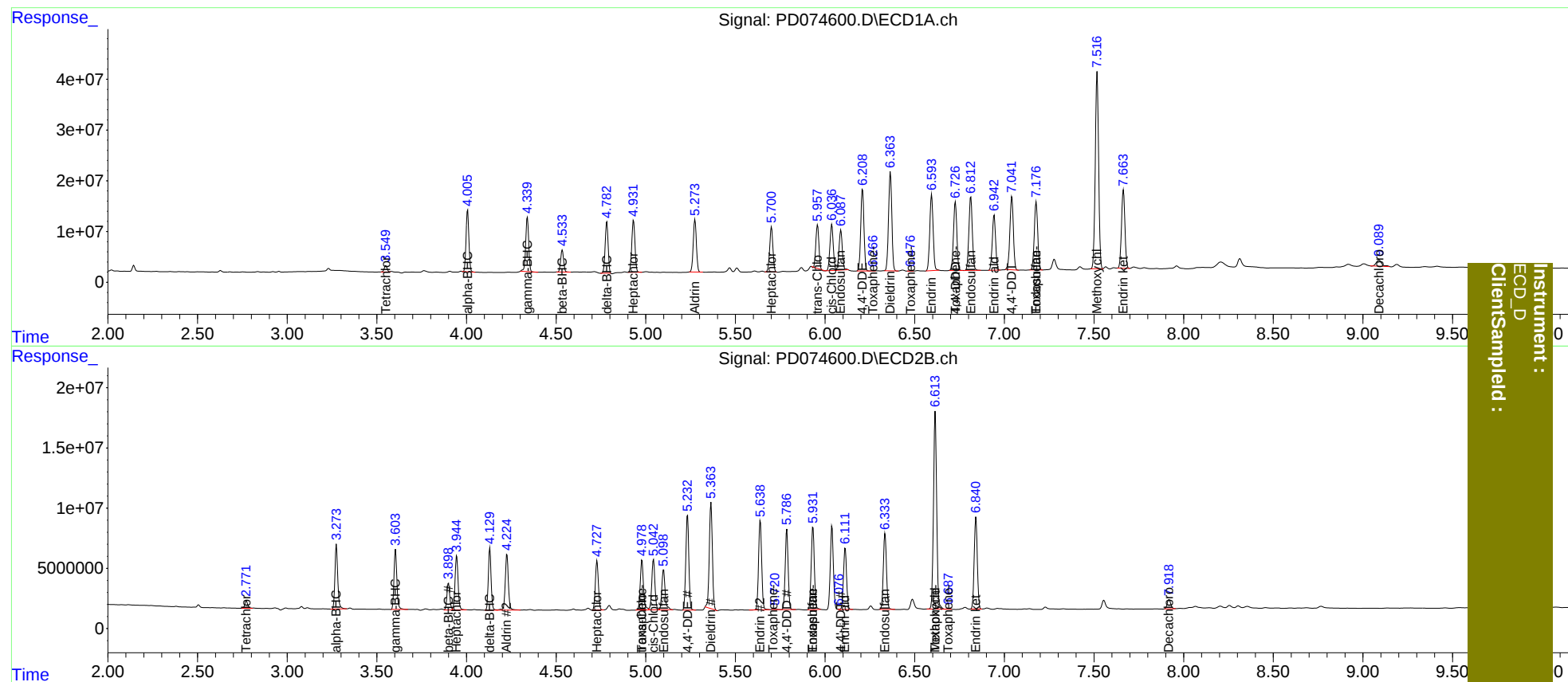
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.550  | 2.772  | 14316501 | 7031922  | 5.763    | 5.589      |
| 27)                         | SA Decachlor... | 9.090  | 7.919  | 25574395 | 10370322 | 9.344    | 8.661      |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.007  | 3.275  | 133.3E6  | 58275393 | 34.151   | 32.609     |
| 3)                          | MA gamma-BHC... | 4.340  | 3.605  | 122.6E6  | 54566144 | 33.204   | 31.947     |
| 4)                          | MA Heptachlor   | 4.932  | 3.946  | 126.2E6  | 52798191 | 33.325   | 31.843     |
| 5)                          | MB Aldrin       | 5.275  | 4.226  | 125.9E6  | 55812463 | 34.446   | 32.598     |
| 6)                          | B beta-BHC      | 4.535  | 3.900  | 49746557 | 24538943 | 29.426   | 30.289     |
| 7)                          | B delta-BHC     | 4.783  | 4.131  | 114.7E6  | 54966749 | 31.507   | 31.077     |
| 8)                          | B Heptachlo...  | 5.701  | 4.728  | 110.7E6  | 47120145 | 33.711   | 29.744     |
| 9)                          | A Endosulfan I  | 6.088  | 5.099  | 99296109 | 41438692 | 33.286   | 29.553     |
| 10)                         | B trans-Chl...  | 5.958  | 4.979  | 101.1E6  | 51426296 | 31.498   | 33.242     |
| 11)                         | B cis-Chlor...  | 6.038  | 5.043  | 116.2E6  | 51012999 | 35.467   | 32.249     |
| 12)                         | B 4,4'-DDE      | 6.209  | 5.233  | 200.1E6  | 92426273 | 66.795   | 63.630     |
| 13)                         | MA Dieldrin     | 6.365  | 5.364  | 245.8E6  | 105.2E6  | 77.476   | 67.860     |
| 14)                         | MA Endrin       | 6.595  | 5.639  | 195.1E6  | 89350270 | 74.035   | 66.417     |
| 15)                         | B Endosulfa...  | 6.813  | 5.933  | 192.6E6  | 83832051 | 69.784   | 62.353     |
| 16)                         | A 4,4'-DDD      | 6.727  | 5.787  | 174.3E6  | 75956421 | 73.773   | 64.512     |
| 17)                         | MA 4,4'-DDT     | 7.042  | 6.078  | 193.3E6  | 225430   | 77.032   | 0.180 #    |
| 18)                         | B Endrin al...  | 6.943  | 6.113  | 139.4E6  | 61462577 | 61.877   | 55.911     |
| 19)                         | B Endosulfa...  | 7.178  | 6.335  | 177.5E6  | 76943433 | 68.136   | 61.125     |
| 20)                         | A Methoxychlor  | 7.518  | 6.615  | 503.4E6  | 202.8E6  | 366.669  | 329.730    |
| 21)                         | B Endrin ke...  | 7.664  | 6.842  | 204.6E6  | 92174173 | 69.006   | 60.576     |
| 22)                         | Toxaphene-1     | 6.267  | 4.979  | 285174   | 51426296 | 12.152   | 5795.323 # |
| 23)                         | Toxaphene-2     | 6.477  | 5.713  | 368038   | 717969   | 12.410   | 76.444 #   |
| 24)                         | Toxaphene-3     | 6.727f | 5.933f | 174.3E6  | 83832051 | 8285.211 | 7897.105   |
| 25)                         | Toxaphene-4     | 7.178  | 6.615  | 177.5E6  | 202.8E6  | 2865.305 | 6069.829 # |
| -----                       |                 |        |        |          |          |          |            |

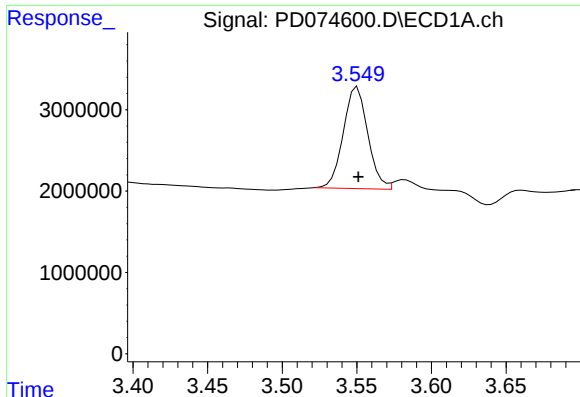
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040523\  
Data File : PD074600.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Apr 2023 11:30  
Operator : AR\AJ  
Sample : 02115-07MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 05 22:27:43 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031323CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 14 03:05:06 2023  
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

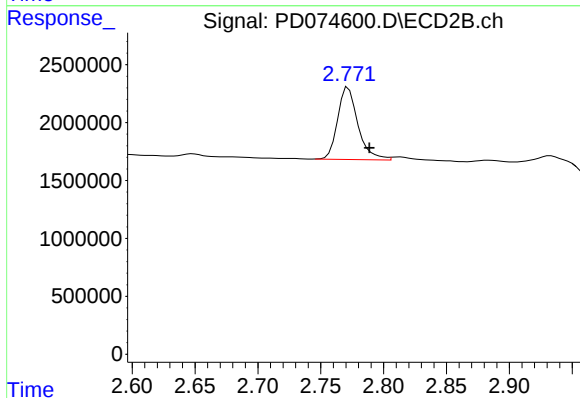




#1 Tetrachloro-m-xylene

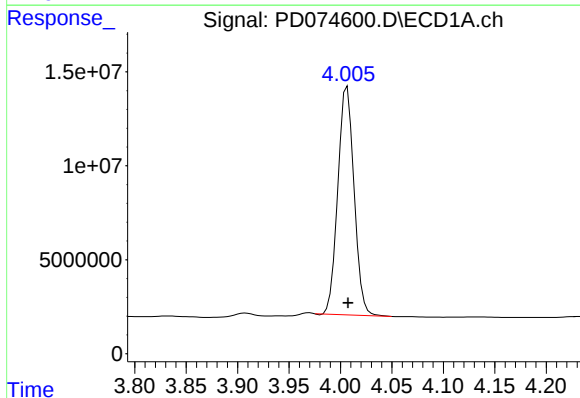
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 14316501  
Conc: 5.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



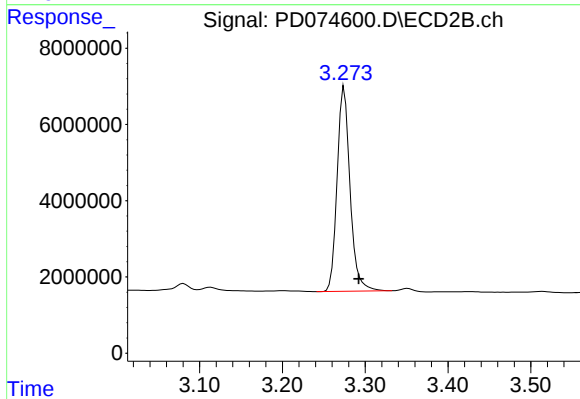
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: -0.017 min  
Response: 7031922  
Conc: 5.59 ng/ml



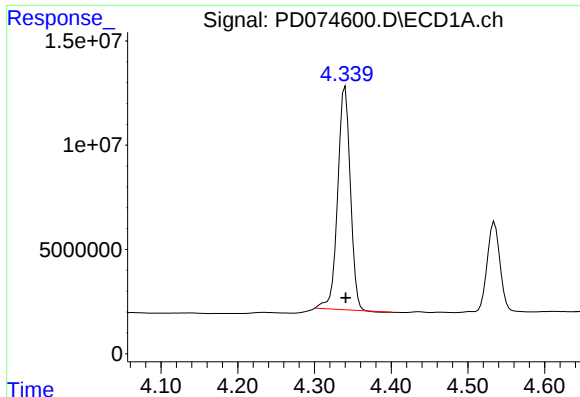
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 133264092  
Conc: 34.15 ng/ml



#2 alpha-BHC

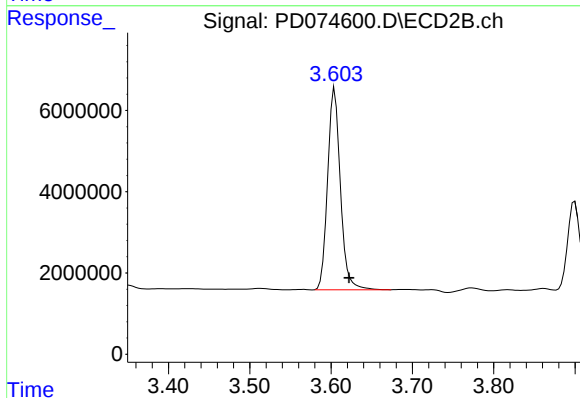
R.T.: 3.275 min  
Delta R.T.: -0.018 min  
Response: 58275393  
Conc: 32.61 ng/ml



#3 gamma-BHC (Lindane)

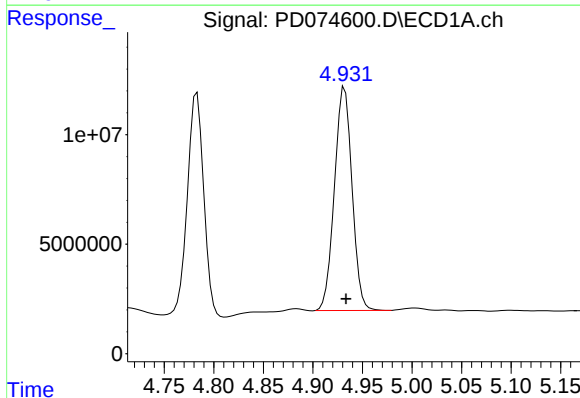
R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 122561082  
Conc: 33.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



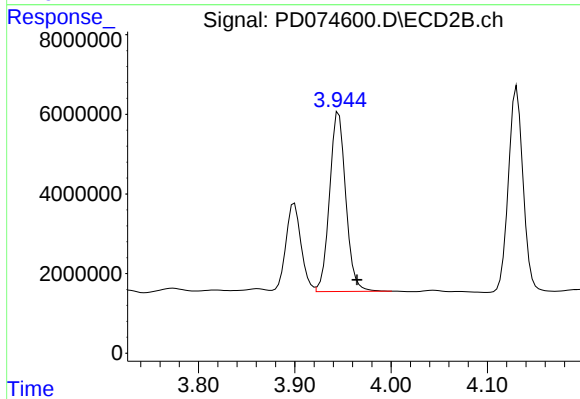
#3 gamma-BHC (Lindane)

R.T.: 3.605 min  
Delta R.T.: -0.018 min  
Response: 54566144  
Conc: 31.95 ng/ml



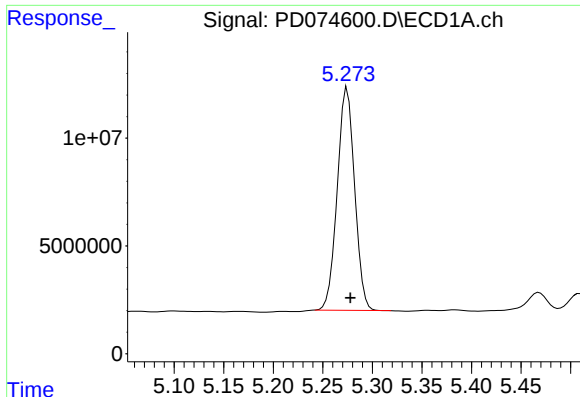
#4 Heptachlor

R.T.: 4.932 min  
Delta R.T.: -0.002 min  
Response: 126163738  
Conc: 33.33 ng/ml



#4 Heptachlor

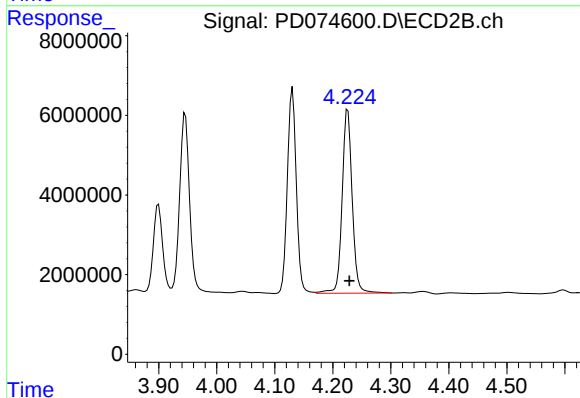
R.T.: 3.946 min  
Delta R.T.: -0.019 min  
Response: 52798191  
Conc: 31.84 ng/ml



#5 Aldrin

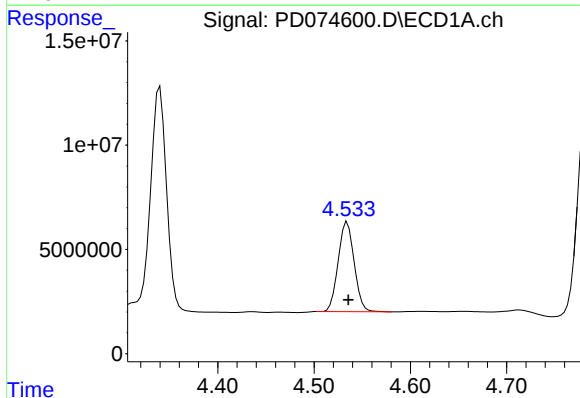
R.T.: 5.275 min  
Delta R.T.: -0.003 min  
Response: 125888004  
Conc: 34.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



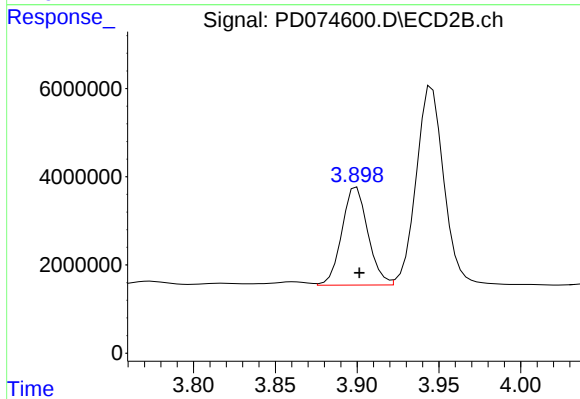
#5 Aldrin

R.T.: 4.226 min  
Delta R.T.: -0.003 min  
Response: 55812463  
Conc: 32.60 ng/ml



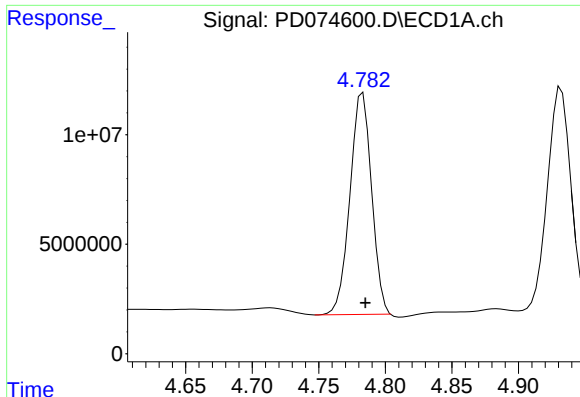
#6 beta-BHC

R.T.: 4.535 min  
Delta R.T.: -0.001 min  
Response: 49746557  
Conc: 29.43 ng/ml



#6 beta-BHC

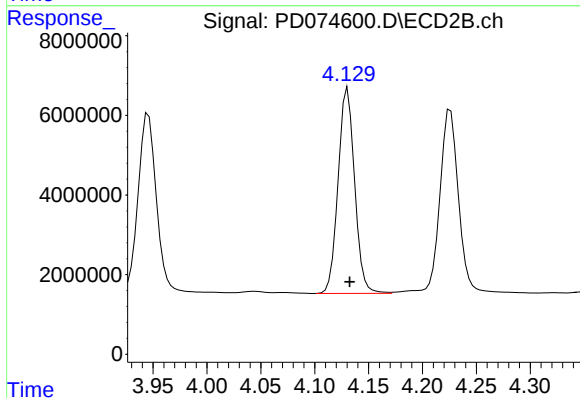
R.T.: 3.900 min  
Delta R.T.: -0.002 min  
Response: 24538943  
Conc: 30.29 ng/ml



#7 delta-BHC

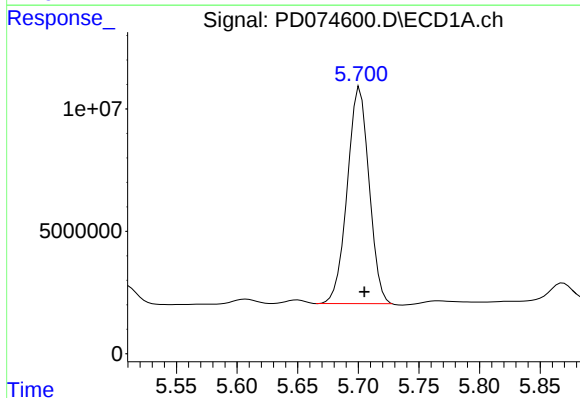
R.T.: 4.783 min  
Delta R.T.: -0.002 min  
Response: 114654933  
Conc: 31.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



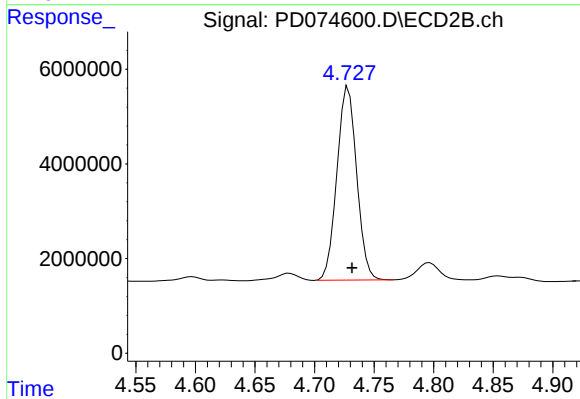
#7 delta-BHC

R.T.: 4.131 min  
Delta R.T.: -0.002 min  
Response: 54966749  
Conc: 31.08 ng/ml



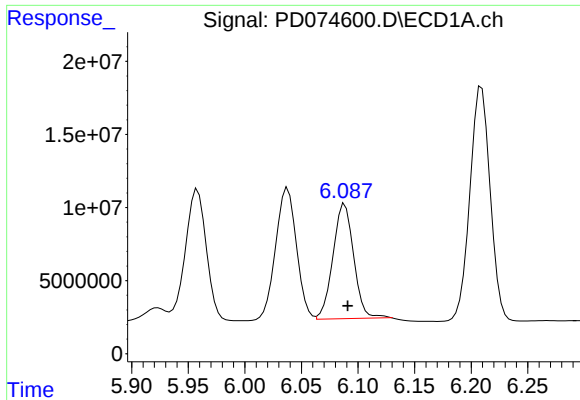
#8 Heptachlor epoxide

R.T.: 5.701 min  
Delta R.T.: -0.004 min  
Response: 110680447  
Conc: 33.71 ng/ml



#8 Heptachlor epoxide

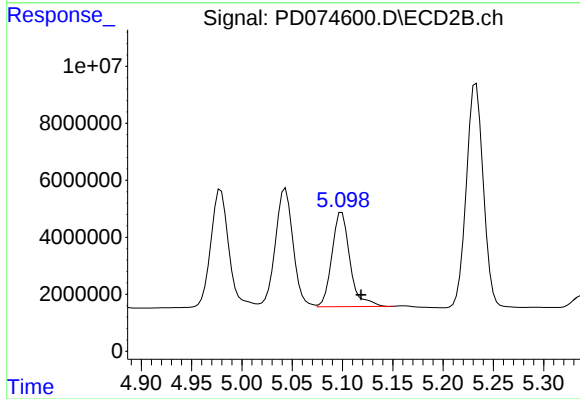
R.T.: 4.728 min  
Delta R.T.: -0.003 min  
Response: 47120145  
Conc: 29.74 ng/ml



#9 Endosulfan I

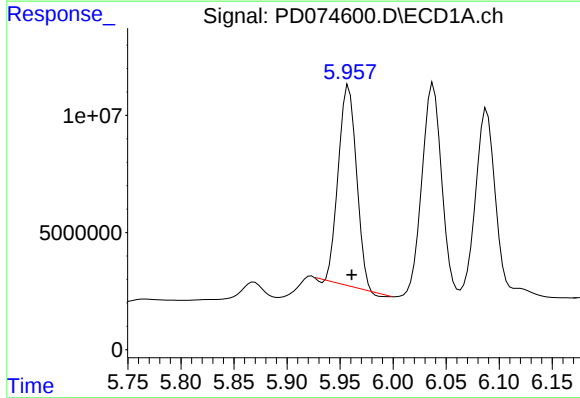
R.T.: 6.088 min  
Delta R.T.: -0.003 min  
Response: 99296109  
Conc: 33.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



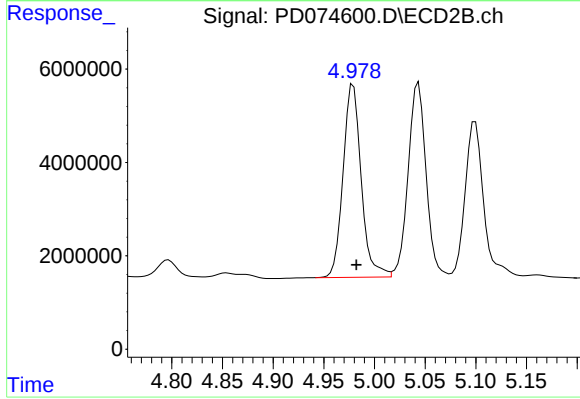
#9 Endosulfan I

R.T.: 5.099 min  
Delta R.T.: -0.019 min  
Response: 41438692  
Conc: 29.55 ng/ml



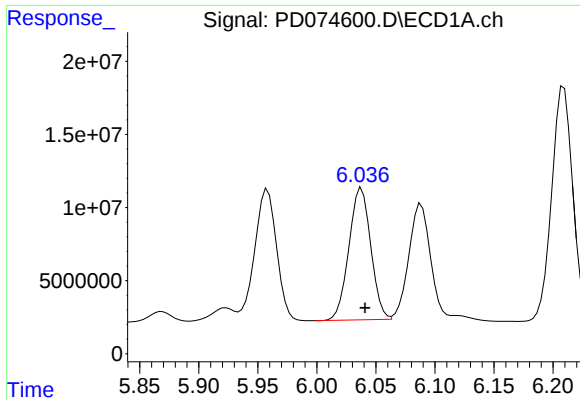
#10 trans-Chlordane

R.T.: 5.958 min  
Delta R.T.: -0.003 min  
Response: 101053981  
Conc: 31.50 ng/ml



#10 trans-Chlordane

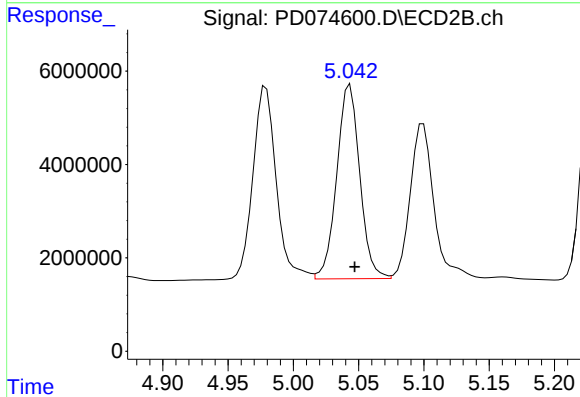
R.T.: 4.979 min  
Delta R.T.: -0.003 min  
Response: 51426296  
Conc: 33.24 ng/ml



#11 cis-Chlordane

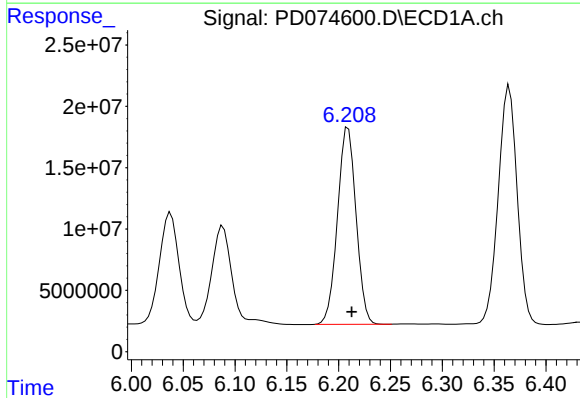
R.T.: 6.038 min  
Delta R.T.: -0.003 min  
Response: 116218260  
Conc: 35.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



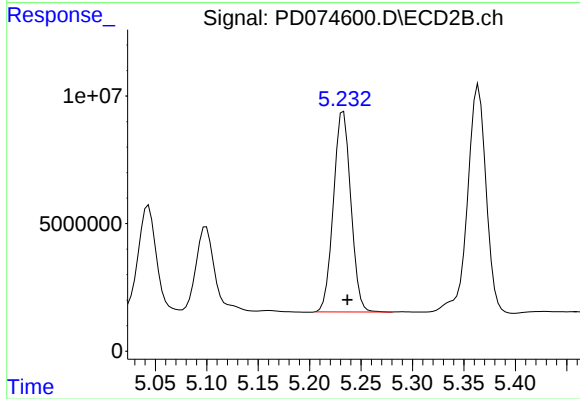
#11 cis-Chlordane

R.T.: 5.043 min  
Delta R.T.: -0.004 min  
Response: 51012999  
Conc: 32.25 ng/ml



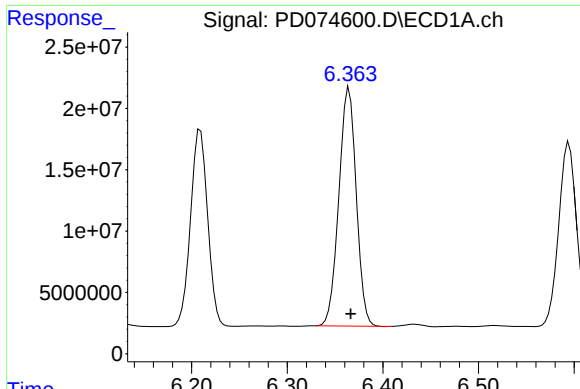
#12 4,4'-DDE

R.T.: 6.209 min  
Delta R.T.: -0.003 min  
Response: 200075641  
Conc: 66.79 ng/ml



#12 4,4'-DDE

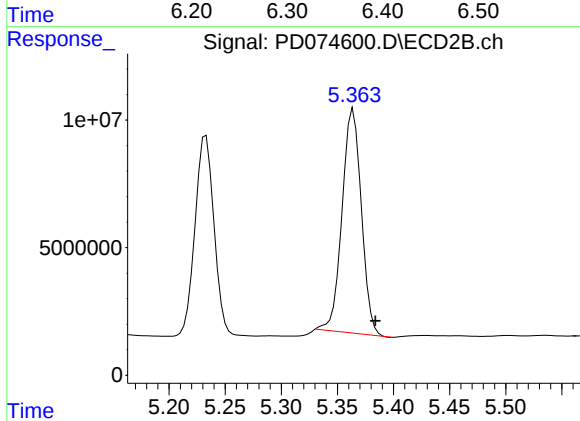
R.T.: 5.233 min  
Delta R.T.: -0.004 min  
Response: 92426273  
Conc: 63.63 ng/ml



#13 Dieldrin

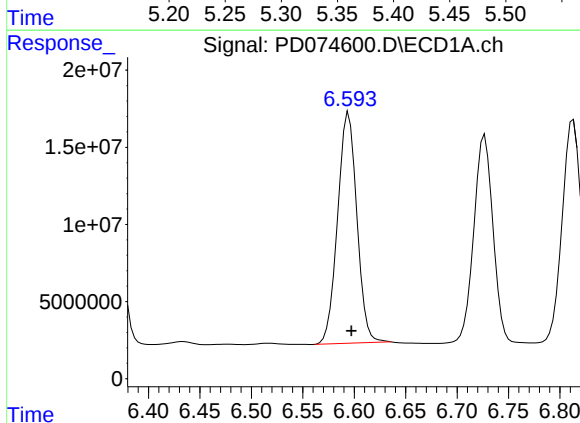
R.T.: 6.365 min  
Delta R.T.: -0.002 min  
Response: 245780881  
Conc: 77.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



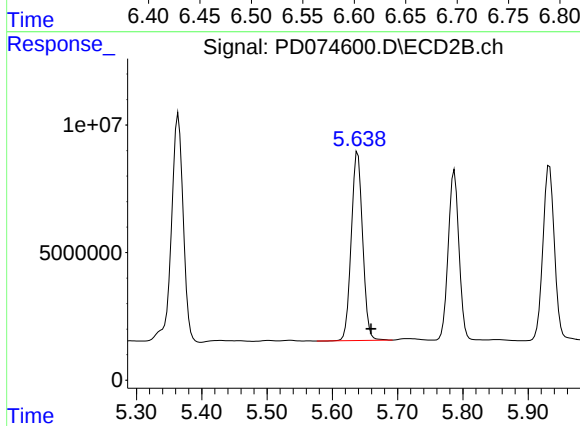
#13 Dieldrin

R.T.: 5.364 min  
Delta R.T.: -0.020 min  
Response: 105202427  
Conc: 67.86 ng/ml



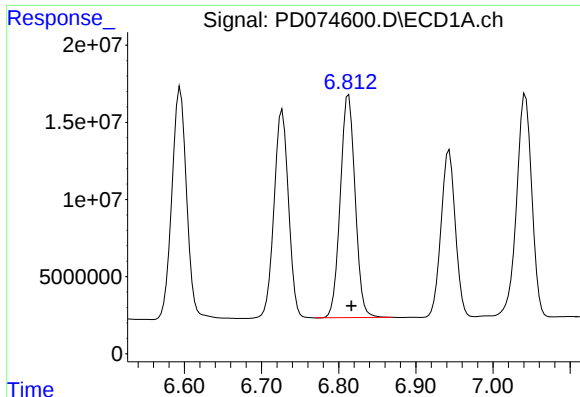
#14 Endrin

R.T.: 6.595 min  
Delta R.T.: -0.003 min  
Response: 195102923  
Conc: 74.04 ng/ml



#14 Endrin

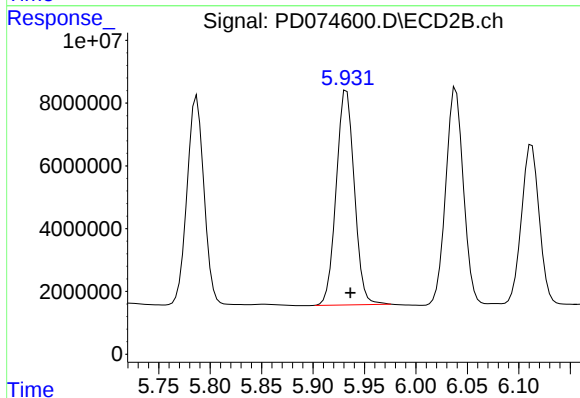
R.T.: 5.639 min  
Delta R.T.: -0.020 min  
Response: 89350270  
Conc: 66.42 ng/ml



#15 Endosulfan II

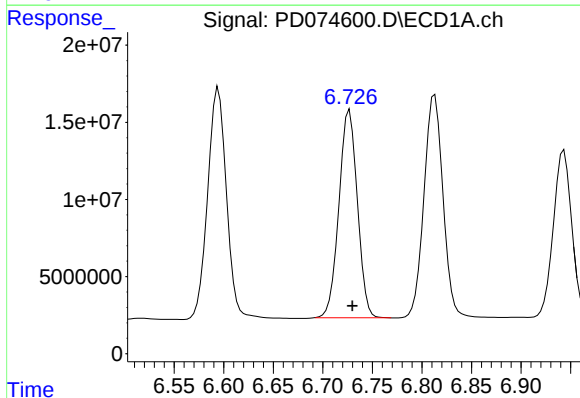
R.T.: 6.813 min  
Delta R.T.: -0.004 min  
Response: 192613783  
Conc: 69.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



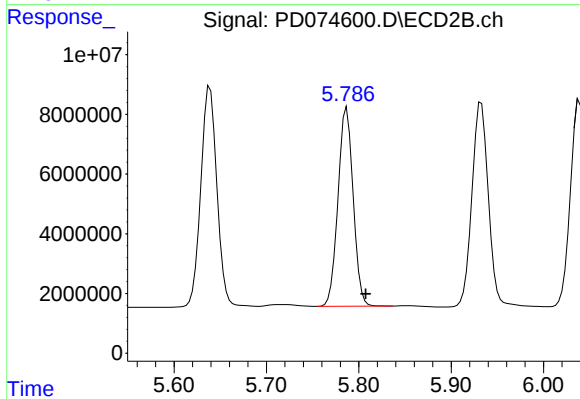
#15 Endosulfan II

R.T.: 5.933 min  
Delta R.T.: -0.004 min  
Response: 83832051  
Conc: 62.35 ng/ml



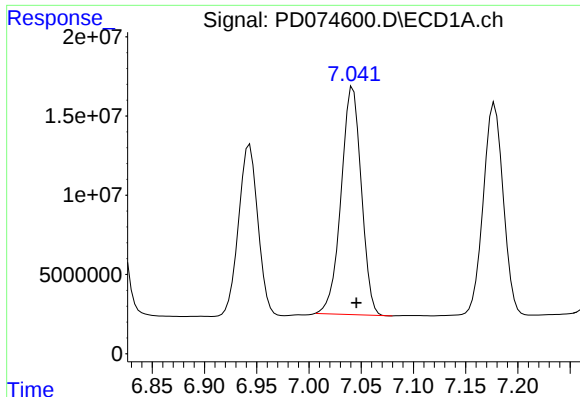
#16 4,4'-DDD

R.T.: 6.727 min  
Delta R.T.: -0.003 min  
Response: 174349167  
Conc: 73.77 ng/ml



#16 4,4'-DDD

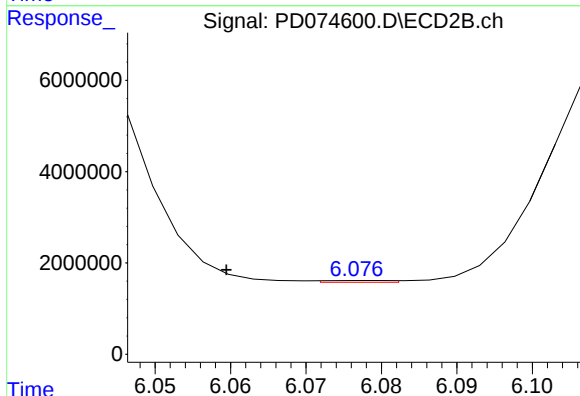
R.T.: 5.787 min  
Delta R.T.: -0.021 min  
Response: 75956421  
Conc: 64.51 ng/ml



#17 4,4'-DDT

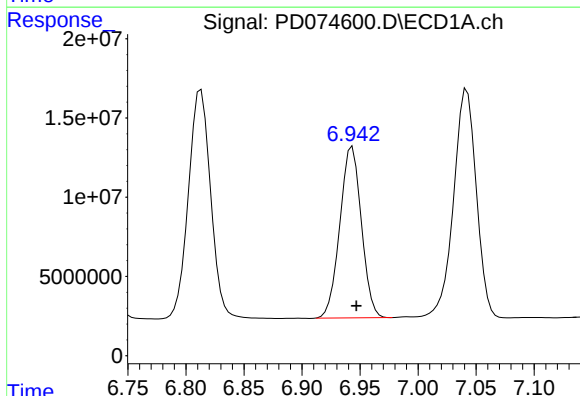
R.T.: 7.042 min  
Delta R.T.: -0.003 min  
Response: 193305405  
Conc: 77.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



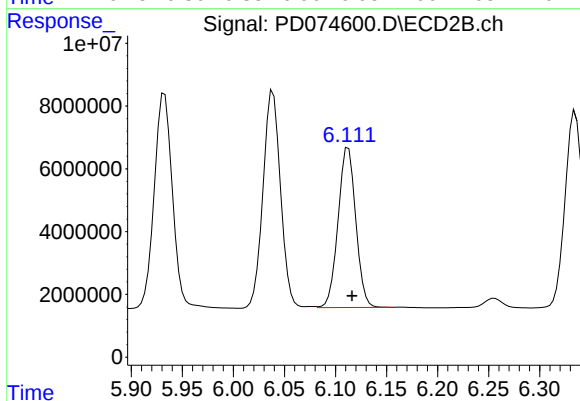
#17 4,4'-DDT

R.T.: 6.078 min  
Delta R.T.: 0.018 min  
Response: 225430  
Conc: 0.18 ng/ml



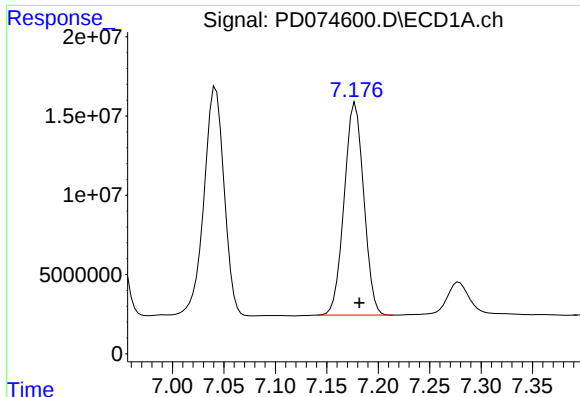
#18 Endrin aldehyde

R.T.: 6.943 min  
Delta R.T.: -0.003 min  
Response: 139372869  
Conc: 61.88 ng/ml



#18 Endrin aldehyde

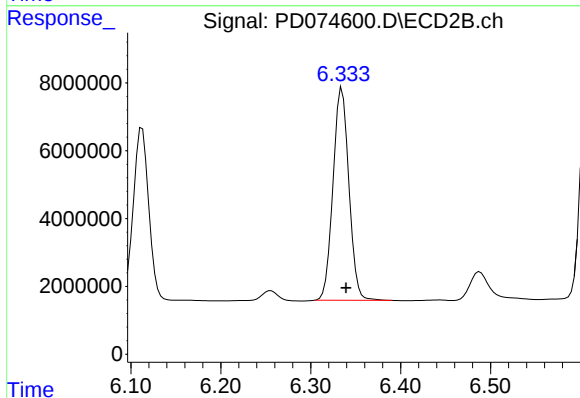
R.T.: 6.113 min  
Delta R.T.: -0.004 min  
Response: 61462577  
Conc: 55.91 ng/ml



#19 Endosulfan Sulfate

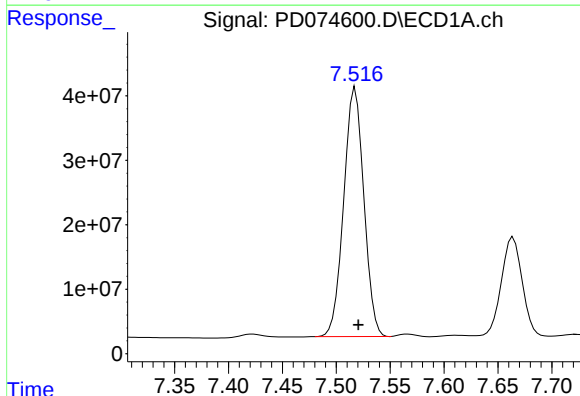
R.T.: 7.178 min  
Delta R.T.: -0.004 min  
Response: 177464619  
Conc: 68.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



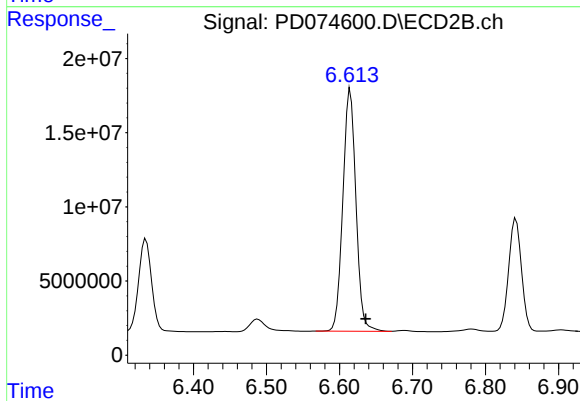
#19 Endosulfan Sulfate

R.T.: 6.335 min  
Delta R.T.: -0.005 min  
Response: 76943433  
Conc: 61.12 ng/ml



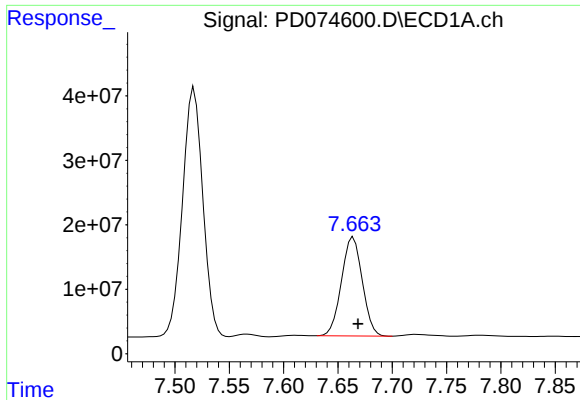
#20 Methoxychlor

R.T.: 7.518 min  
Delta R.T.: -0.003 min  
Response: 503392081  
Conc: 366.67 ng/ml



#20 Methoxychlor

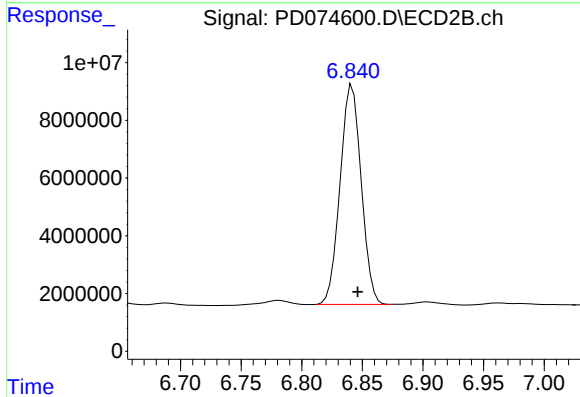
R.T.: 6.615 min  
Delta R.T.: -0.021 min  
Response: 202810690  
Conc: 329.73 ng/ml



#21 Endrin ketone

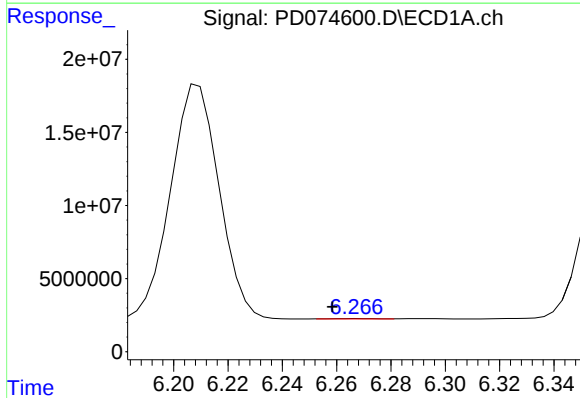
R.T.: 7.664 min  
Delta R.T.: -0.004 min  
Response: 204595050  
Conc: 69.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



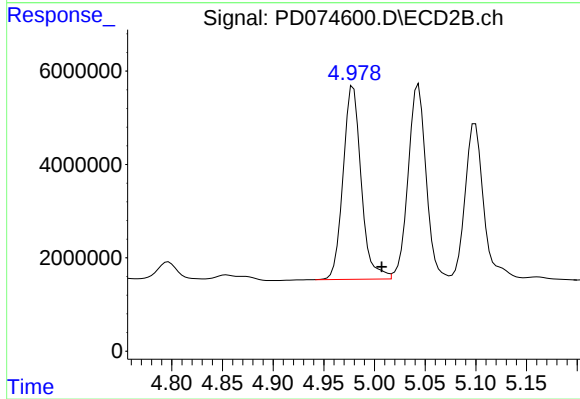
#21 Endrin ketone

R.T.: 6.842 min  
Delta R.T.: -0.005 min  
Response: 92174173  
Conc: 60.58 ng/ml



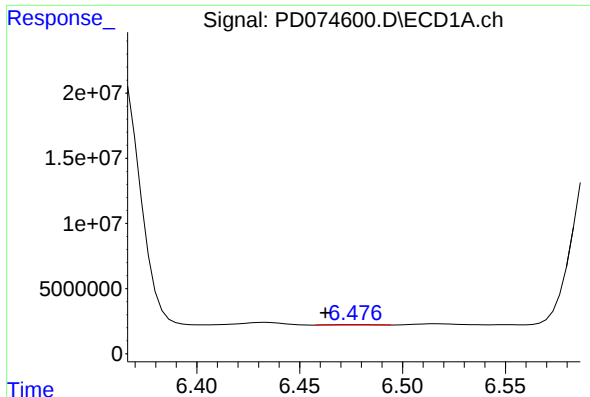
#22 Toxaphene-1

R.T.: 6.267 min  
Delta R.T.: 0.009 min  
Response: 285174  
Conc: 12.15 ng/ml



#22 Toxaphene-1

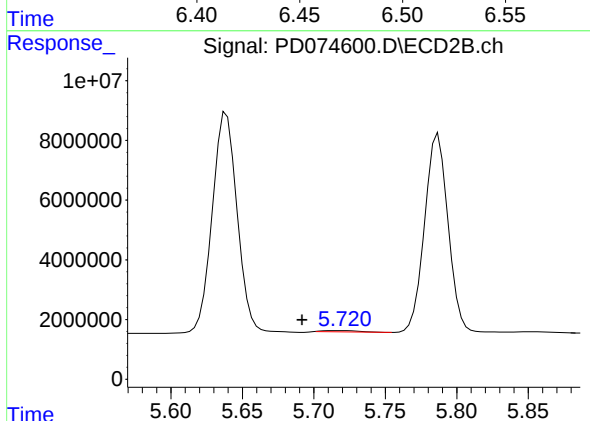
R.T.: 4.979 min  
Delta R.T.: -0.028 min  
Response: 51426296  
Conc: 5795.32 ng/ml



#23 Toxaphene-2

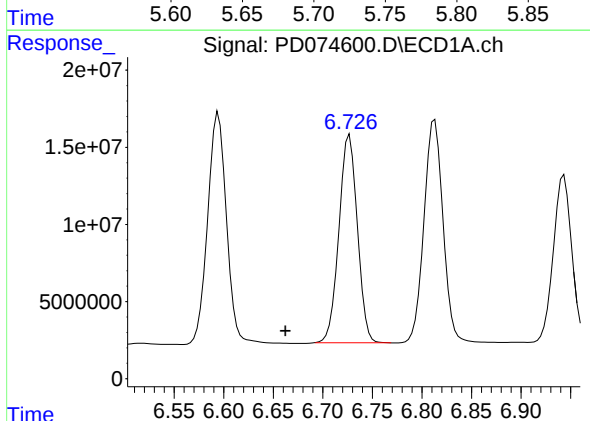
R.T.: 6.477 min  
Delta R.T.: 0.015 min  
Response: 368038  
Conc: 12.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



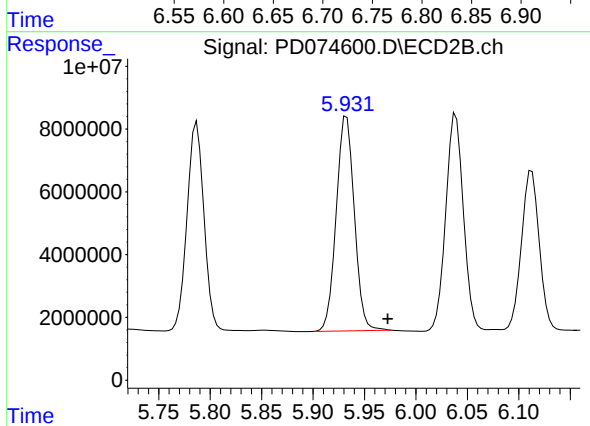
#23 Toxaphene-2

R.T.: 5.713 min  
Delta R.T.: 0.021 min  
Response: 717969  
Conc: 76.44 ng/ml



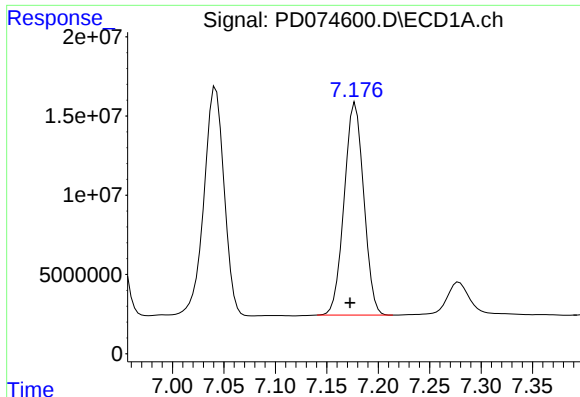
#24 Toxaphene-3

R.T.: 6.727 min  
Delta R.T.: 0.065 min  
Response: 174349167  
Conc: 8285.21 ng/ml



#24 Toxaphene-3

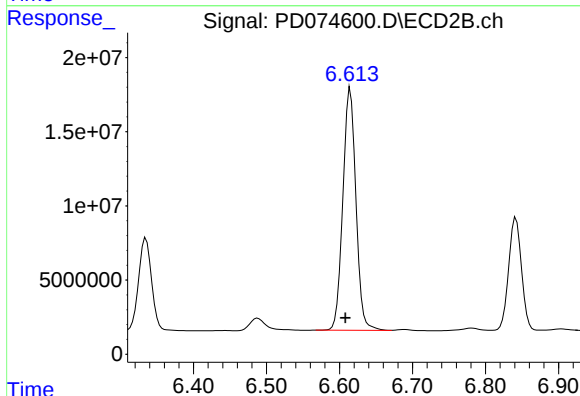
R.T.: 5.933 min  
Delta R.T.: -0.040 min  
Response: 83832051  
Conc: 7897.10 ng/ml



#25 Toxaphene-4

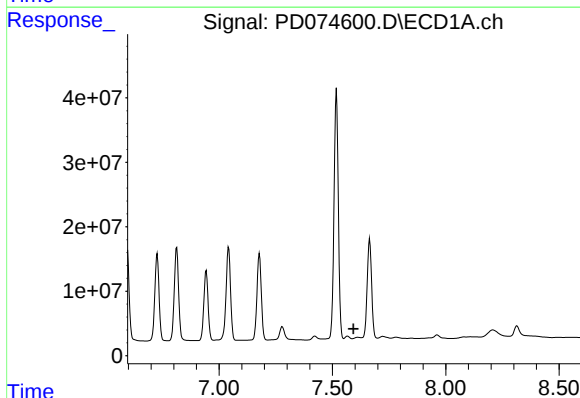
R.T.: 7.178 min  
Delta R.T.: 0.005 min  
Response: 177464619  
Conc: 2865.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



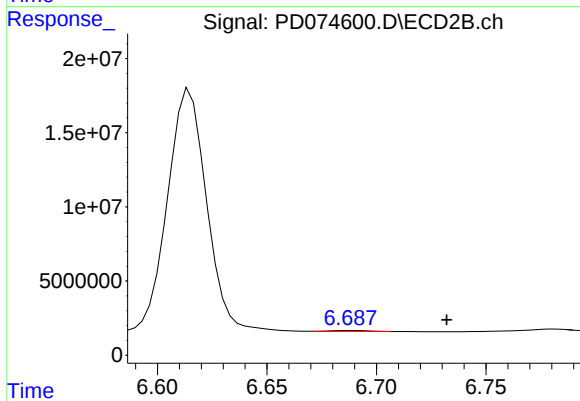
#25 Toxaphene-4

R.T.: 6.615 min  
Delta R.T.: 0.007 min  
Response: 202810690  
Conc: 6069.83 ng/ml



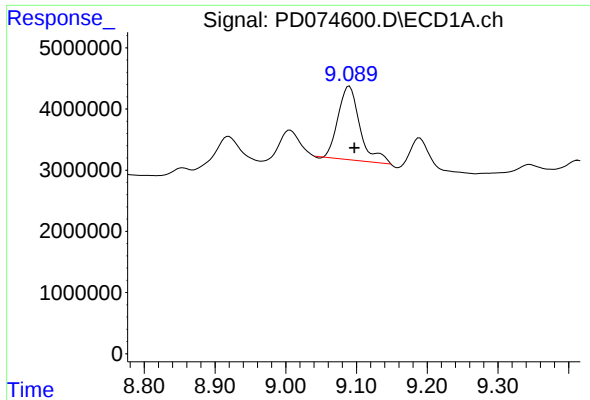
#26 Toxaphene-5

R.T.: 7.612 min  
Delta R.T.: 0.018 min  
Response: -3538623  
Conc: N.D.



#26 Toxaphene-5

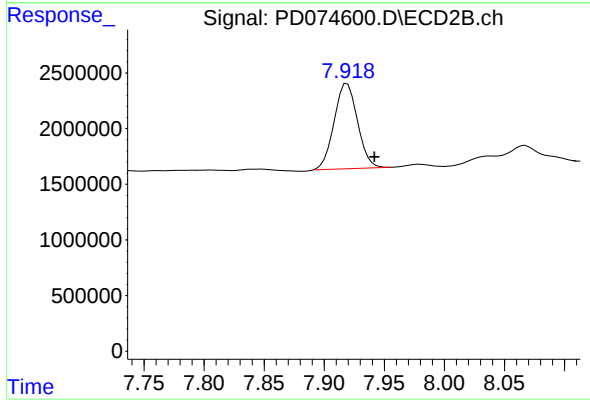
R.T.: 6.688 min  
Delta R.T.: -0.044 min  
Response: 708866  
Conc: 16.60 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.090 min  
Delta R.T.: -0.007 min  
Response: 25574395  
Conc: 9.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.919 min  
Delta R.T.: -0.023 min  
Response: 10370322  
Conc: 8.66 ng/ml