

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032223\  
 Data File : PD074364.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Mar 2023 17:26  
 Operator : AR\AJ  
 Sample : 01927-13MSD  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 21 21:46:50 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

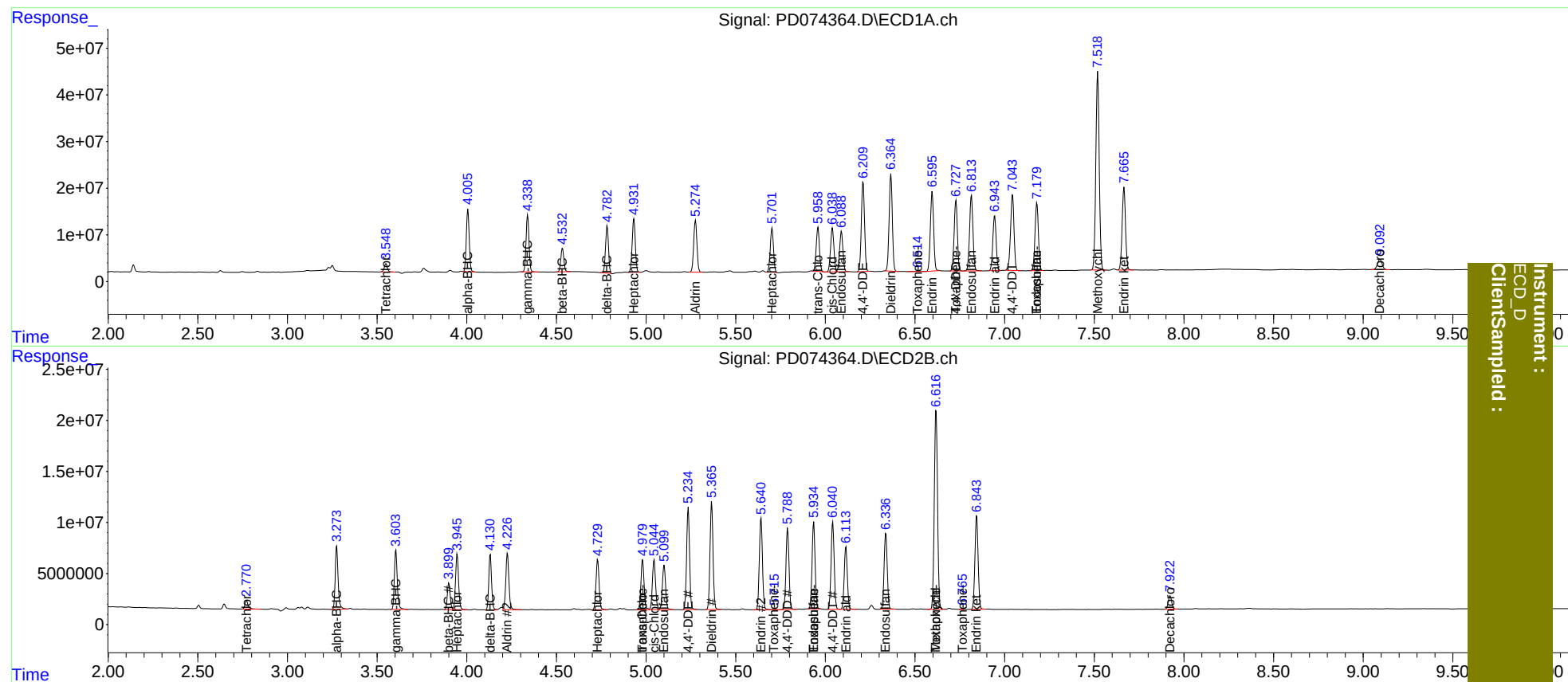
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.549  | 2.771  | 21632377 | 10423929 | 8.707    | 8.285      |
| 27)                         | SA Decachlor... | 9.093  | 7.923  | 39695377 | 17406887 | 14.503   | 14.537     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.006  | 3.275  | 150.0E6  | 69571644 | 38.430   | 38.930     |
| 3)                          | MA gamma-BHC... | 4.340  | 3.605  | 137.9E6  | 65011109 | 37.351   | 38.062     |
| 4)                          | MA Heptachlor   | 4.932  | 3.947  | 138.4E6  | 63802536 | 36.566   | 38.480     |
| 5)                          | MB Aldrin       | 5.276  | 4.227  | 140.1E6  | 67471228 | 38.323   | 39.407     |
| 6)                          | B beta-BHC      | 4.534  | 3.900  | 59364800 | 28475826 | 35.116   | 35.148     |
| 7)                          | B delta-BHC     | 4.783  | 4.131  | 114.4E6  | 58316579 | 31.439   | 32.971     |
| 8)                          | B Heptachlo...  | 5.703  | 4.730  | 117.6E6  | 58127263 | 35.806   | 36.692     |
| 9)                          | A Endosulfan I  | 6.090  | 5.101  | 111.2E6  | 53659607 | 37.263   | 38.269     |
| 10)                         | B trans-Chl...  | 5.959  | 4.981  | 117.0E6  | 59888236 | 36.476   | 38.712     |
| 11)                         | B cis-Chlor...  | 6.040  | 5.045  | 122.8E6  | 59823939 | 37.464   | 37.819     |
| 12)                         | B 4,4'-DDE      | 6.211  | 5.235  | 237.9E6  | 115.0E6  | 79.417   | 79.201     |
| 13)                         | MA Dieldrin     | 6.366  | 5.366  | 255.6E6  | 123.1E6  | 80.575   | 79.391     |
| 14)                         | MA Endrin       | 6.596  | 5.641  | 215.8E6  | 108.4E6  | 81.878   | 80.582     |
| 15)                         | B Endosulfa...  | 6.815  | 5.935  | 211.0E6  | 99241682 | 76.460   | 73.814     |
| 16)                         | A 4,4'-DDD      | 6.729  | 5.790  | 189.6E6  | 93858320 | 80.207   | 79.716     |
| 17)                         | MA 4,4'-DDT     | 7.044  | 6.042  | 218.8E6  | 103.6E6  | 87.179   | 82.665     |
| 18)                         | B Endrin al...  | 6.944  | 6.115  | 152.4E6  | 74110356 | 67.657   | 67.417     |
| 19)                         | B Endosulfa...  | 7.180  | 6.337  | 190.7E6  | 90502968 | 73.235   | 71.897     |
| 20)                         | A Methoxychlor  | 7.519  | 6.618  | 561.5E6  | 246.7E6  | 409.003  | 401.021    |
| 21)                         | B Endrin ke...  | 7.666  | 6.844  | 231.5E6  | 114.3E6  | 78.082   | 75.143     |
| 22)                         | Toxaphene-1     | 6.300f | 4.981  | -825352  | 59888236 | N.D.     | 6748.914   |
| 23)                         | Toxaphene-2     | 6.516f | 5.713  | 1275122  | 201783   | 42.996   | 21.484 #   |
| 24)                         | Toxaphene-3     | 6.729f | 5.935f | 189.6E6  | 99241682 | 9007.875 | 9348.715   |
| 25)                         | Toxaphene-4     | 7.180  | 6.618  | 190.7E6  | 246.7E6  | 3079.723 | 7382.198 # |
| 26)                         | Toxaphene-5     | 7.610  | 6.765  | -12862   | 245638   | N.D.     | 5.751      |
| -----                       |                 |        |        |          |          |          |            |

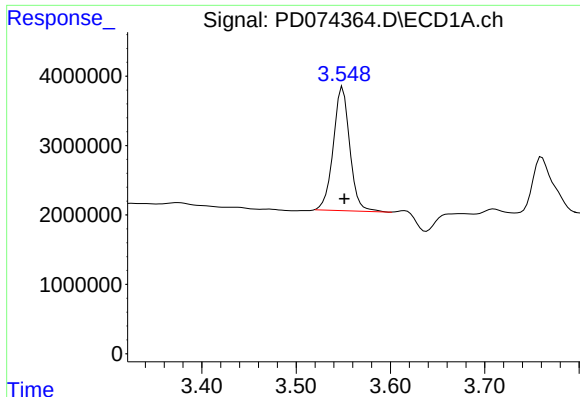
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032223\  
Data File : PD074364.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Mar 2023 17:26  
Operator : AR\AJ  
Sample : 01927-13MSD  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 21 21:46:50 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

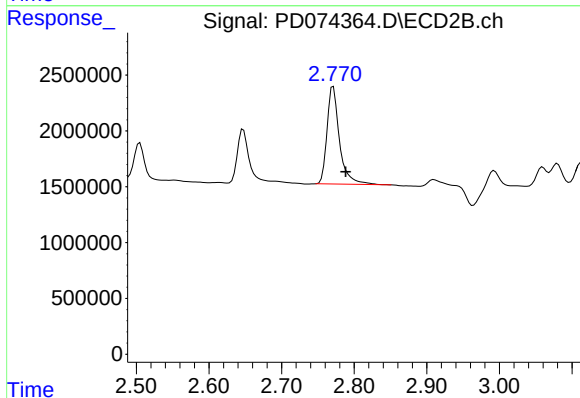




#1 Tetrachloro-m-xylene

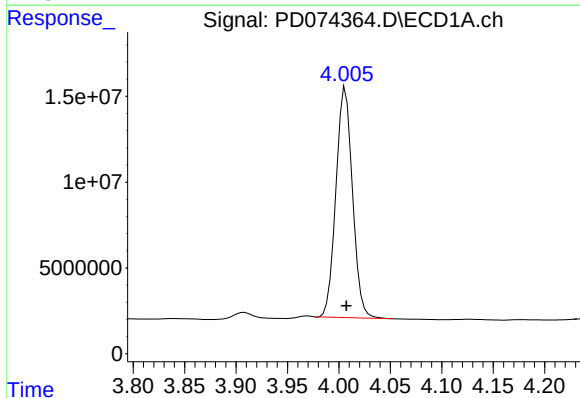
R.T.: 3.549 min  
Delta R.T.: -0.002 min  
Response: 21632377  
Conc: 8.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



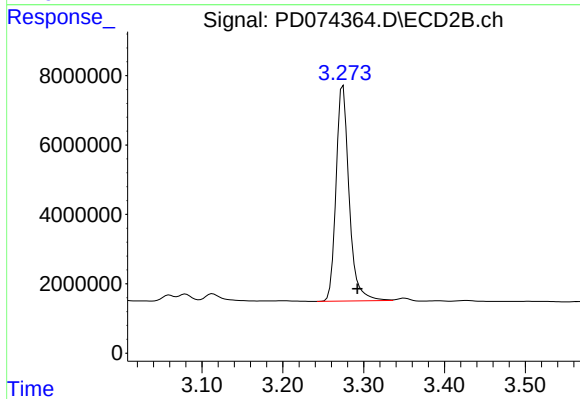
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: -0.017 min  
Response: 10423929  
Conc: 8.29 ng/ml



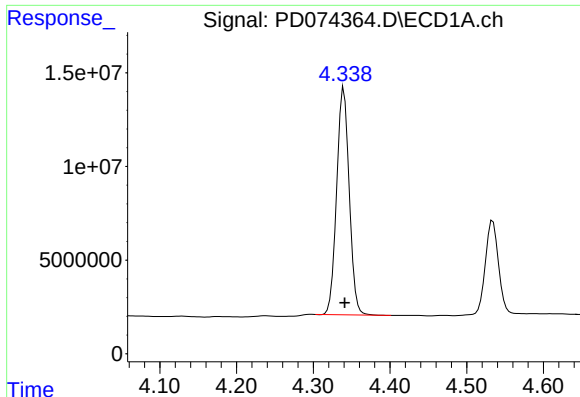
#2 alpha-BHC

R.T.: 4.006 min  
Delta R.T.: -0.001 min  
Response: 149962150  
Conc: 38.43 ng/ml



#2 alpha-BHC

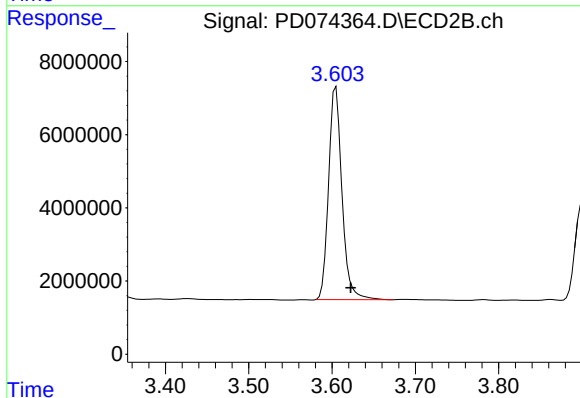
R.T.: 3.275 min  
Delta R.T.: -0.018 min  
Response: 69571644  
Conc: 38.93 ng/ml



#3 gamma-BHC (Lindane)

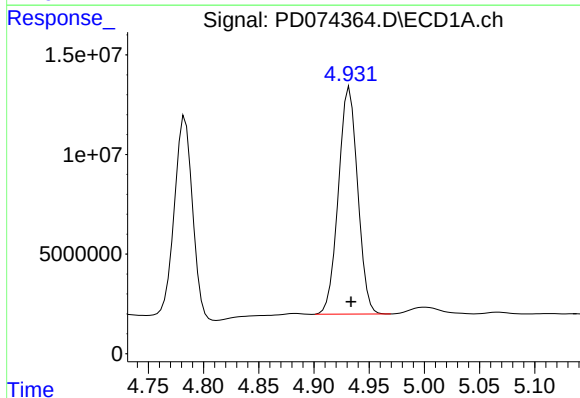
R.T.: 4.340 min  
Delta R.T.: -0.001 min  
Response: 137869934  
Conc: 37.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



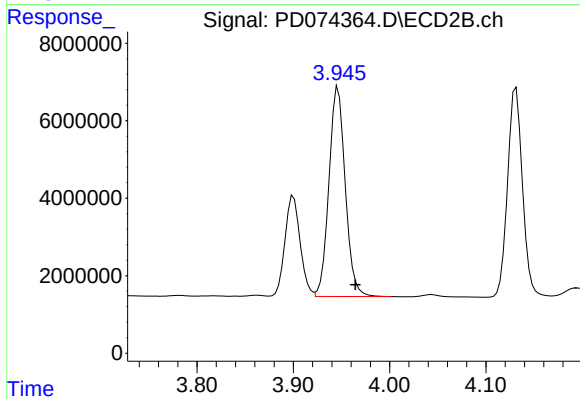
#3 gamma-BHC (Lindane)

R.T.: 3.605 min  
Delta R.T.: -0.018 min  
Response: 65011109  
Conc: 38.06 ng/ml



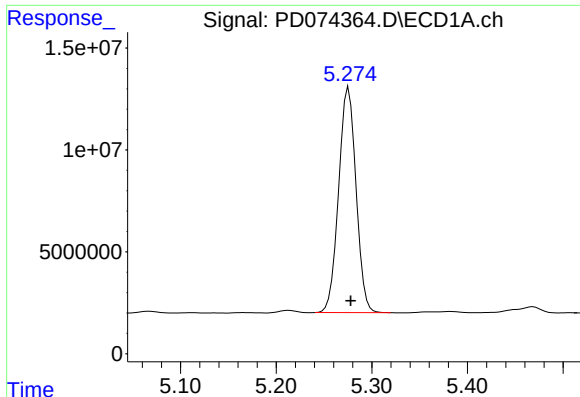
#4 Heptachlor

R.T.: 4.932 min  
Delta R.T.: -0.001 min  
Response: 138435009  
Conc: 36.57 ng/ml



#4 Heptachlor

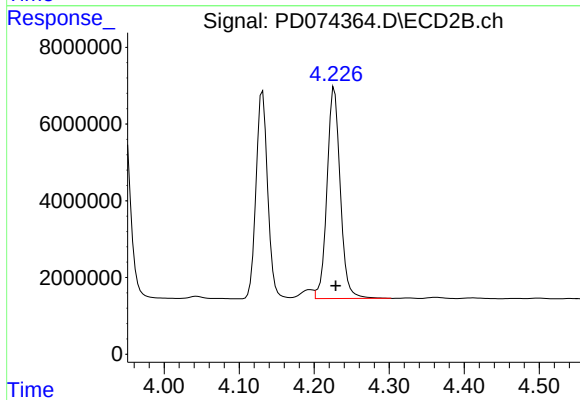
R.T.: 3.947 min  
Delta R.T.: -0.018 min  
Response: 63802536  
Conc: 38.48 ng/ml



#5 Aldrin

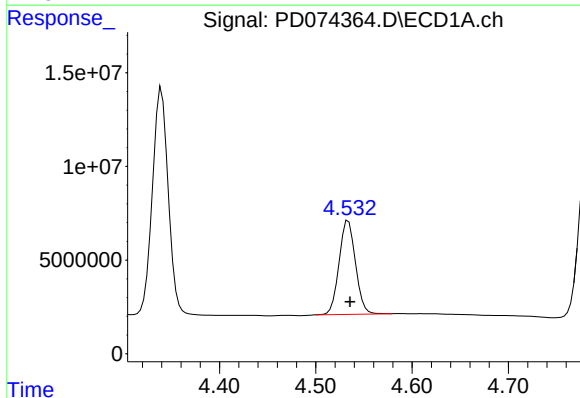
R.T.: 5.276 min  
Delta R.T.: -0.002 min  
Response: 140058182  
Conc: 38.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



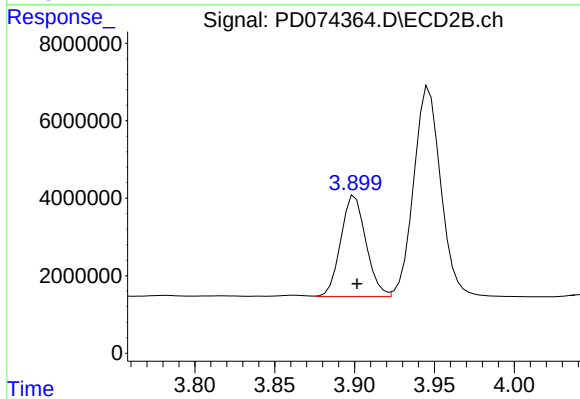
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: -0.002 min  
Response: 67471228  
Conc: 39.41 ng/ml



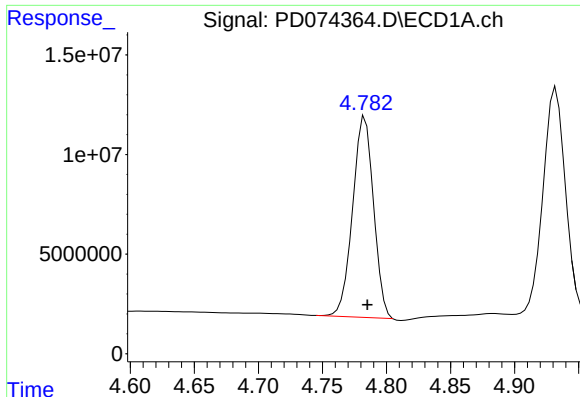
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: -0.002 min  
Response: 59364800  
Conc: 35.12 ng/ml



#6 beta-BHC

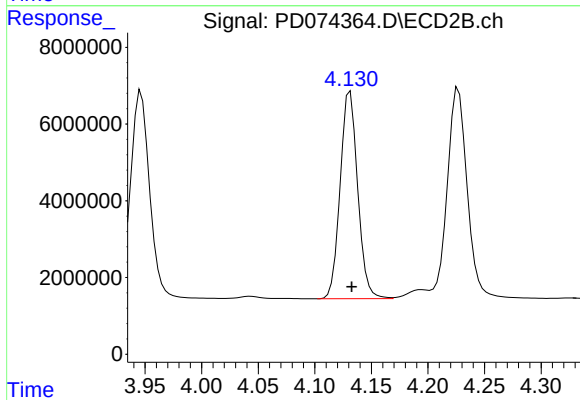
R.T.: 3.900 min  
Delta R.T.: -0.001 min  
Response: 28475826  
Conc: 35.15 ng/ml



#7 delta-BHC

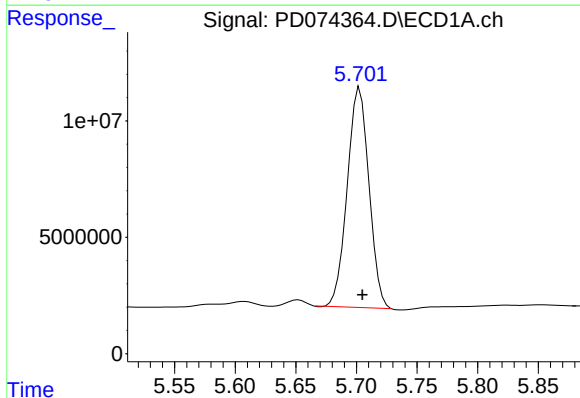
R.T.: 4.783 min  
Delta R.T.: -0.002 min  
Response: 114410461  
Conc: 31.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



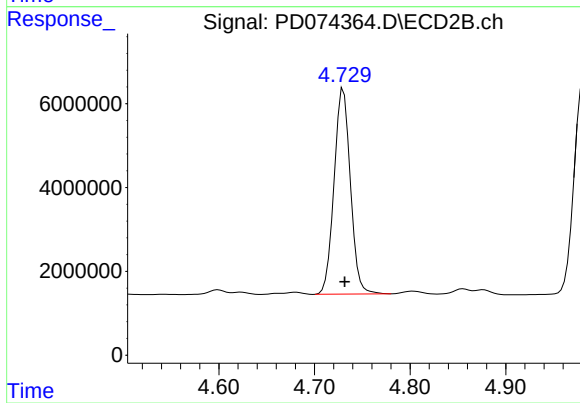
#7 delta-BHC

R.T.: 4.131 min  
Delta R.T.: -0.001 min  
Response: 58316579  
Conc: 32.97 ng/ml



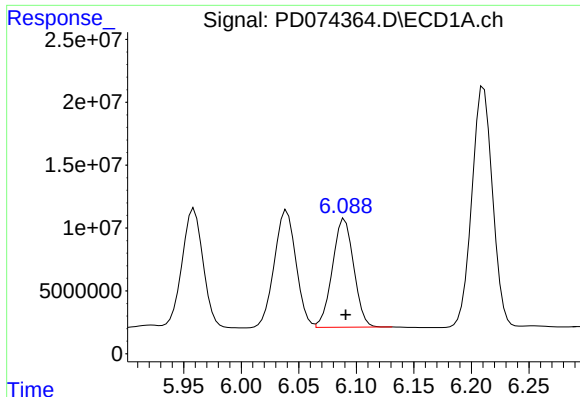
#8 Heptachlor epoxide

R.T.: 5.703 min  
Delta R.T.: -0.002 min  
Response: 117558168  
Conc: 35.81 ng/ml



#8 Heptachlor epoxide

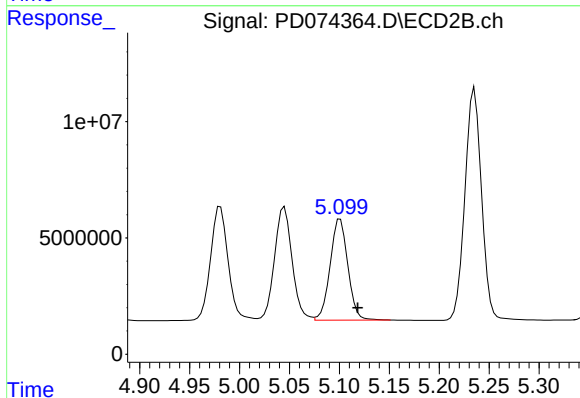
R.T.: 4.730 min  
Delta R.T.: -0.001 min  
Response: 58127263  
Conc: 36.69 ng/ml



#9 Endosulfan I

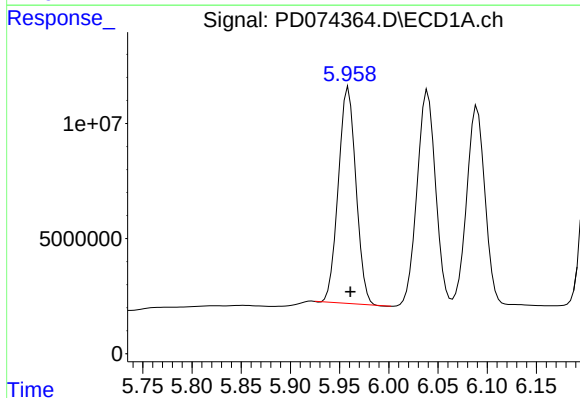
R.T.: 6.090 min  
Delta R.T.: -0.001 min  
Response: 111162716  
Conc: 37.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



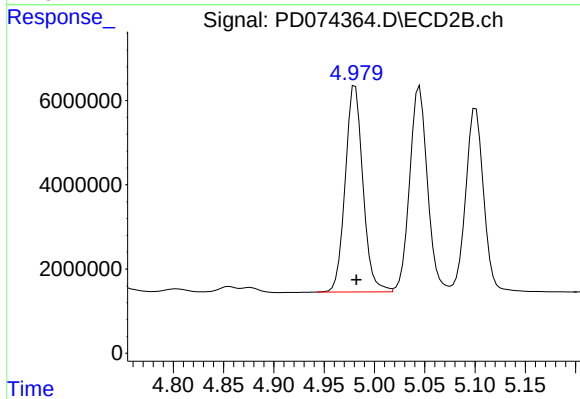
#9 Endosulfan I

R.T.: 5.101 min  
Delta R.T.: -0.018 min  
Response: 53659607  
Conc: 38.27 ng/ml



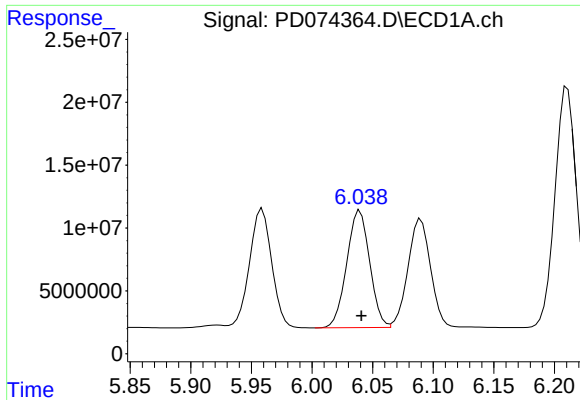
#10 trans-Chlordane

R.T.: 5.959 min  
Delta R.T.: -0.002 min  
Response: 117027417  
Conc: 36.48 ng/ml



#10 trans-Chlordane

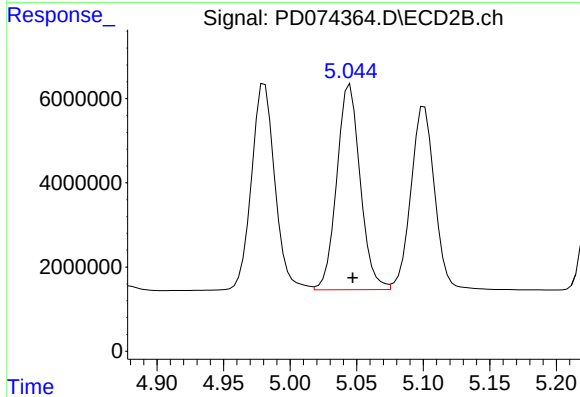
R.T.: 4.981 min  
Delta R.T.: -0.001 min  
Response: 59888236  
Conc: 38.71 ng/ml



#11 cis-Chlordane

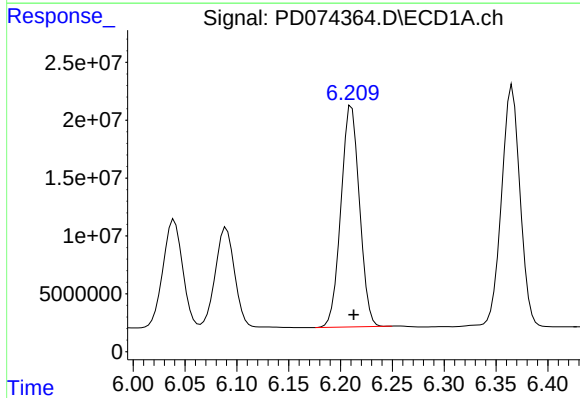
R.T.: 6.040 min  
Delta R.T.: -0.001 min  
Response: 122761982  
Conc: 37.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



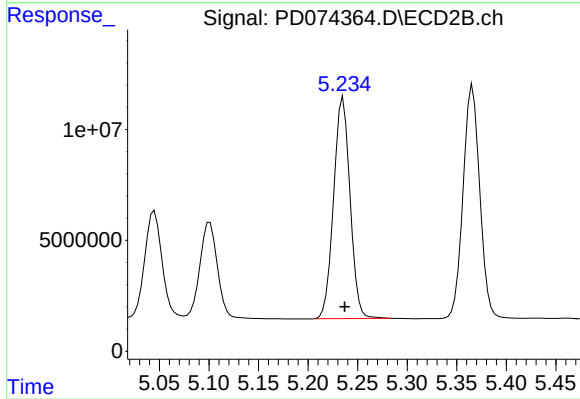
#11 cis-Chlordane

R.T.: 5.045 min  
Delta R.T.: -0.002 min  
Response: 59823939  
Conc: 37.82 ng/ml



#12 4,4'-DDE

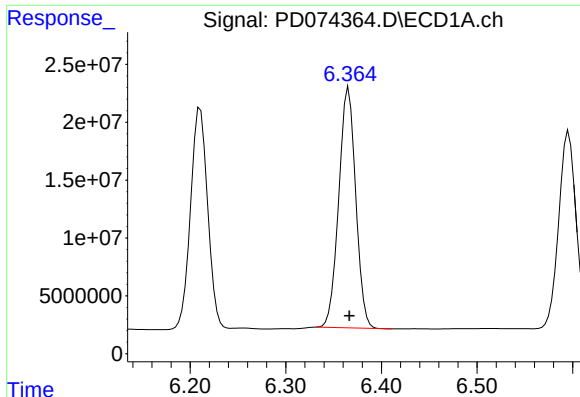
R.T.: 6.211 min  
Delta R.T.: -0.002 min  
Response: 237886326  
Conc: 79.42 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min  
Delta R.T.: -0.001 min  
Response: 115043160  
Conc: 79.20 ng/ml

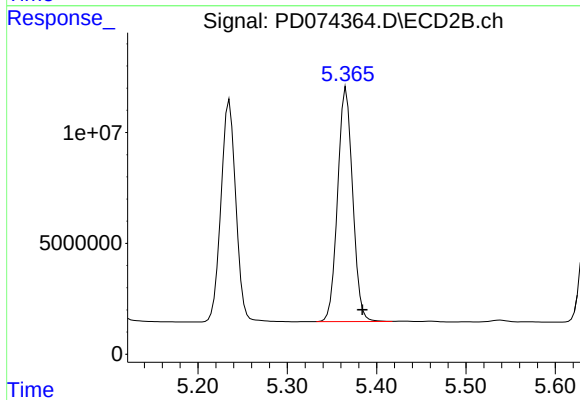




#13 Dieldrin

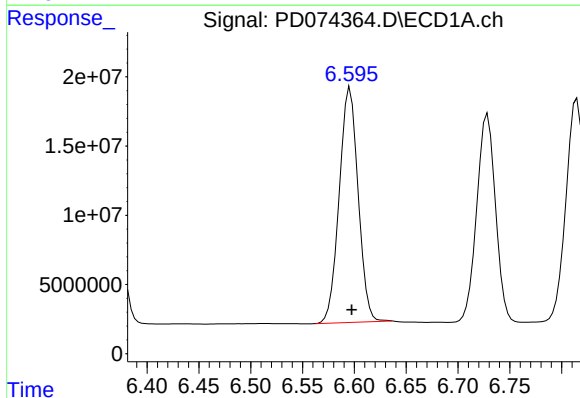
R.T.: 6.366 min  
Delta R.T.: 0.000 min  
Response: 255613036  
Conc: 80.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



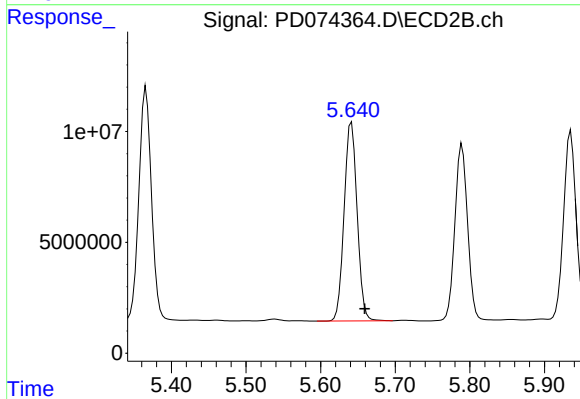
#13 Dieldrin

R.T.: 5.366 min  
Delta R.T.: -0.018 min  
Response: 123079172  
Conc: 79.39 ng/ml



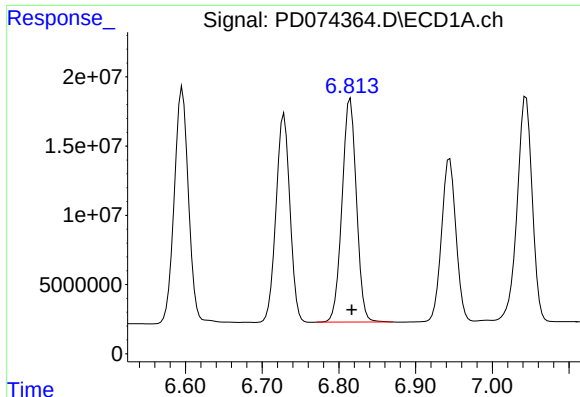
#14 Endrin

R.T.: 6.596 min  
Delta R.T.: -0.001 min  
Response: 215770785  
Conc: 81.88 ng/ml



#14 Endrin

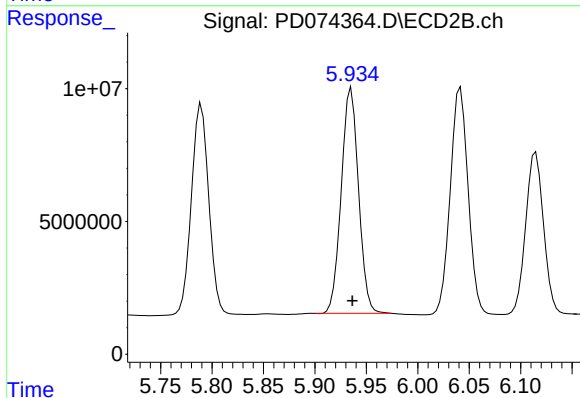
R.T.: 5.641 min  
Delta R.T.: -0.018 min  
Response: 108406676  
Conc: 80.58 ng/ml



#15 Endosulfan II

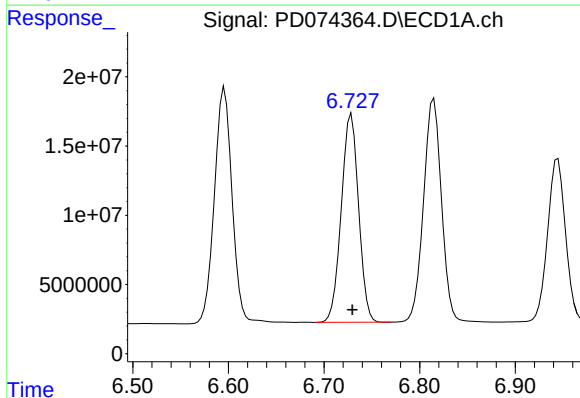
R.T.: 6.815 min  
Delta R.T.: -0.002 min  
Response: 211042839  
Conc: 76.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



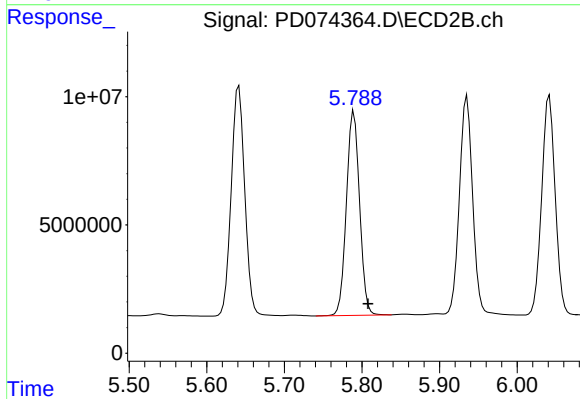
#15 Endosulfan II

R.T.: 5.935 min  
Delta R.T.: -0.001 min  
Response: 99241682  
Conc: 73.81 ng/ml



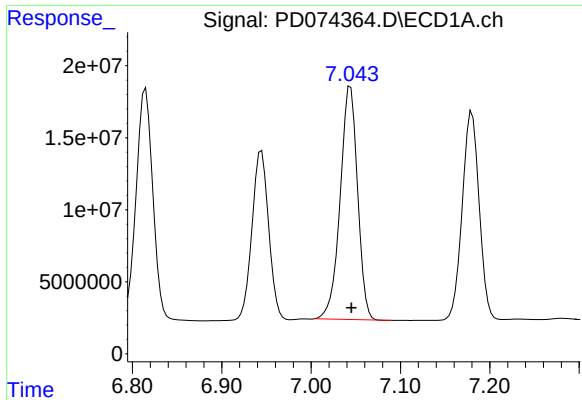
#16 4,4'-DDD

R.T.: 6.729 min  
Delta R.T.: -0.001 min  
Response: 189556481  
Conc: 80.21 ng/ml



#16 4,4'-DDD

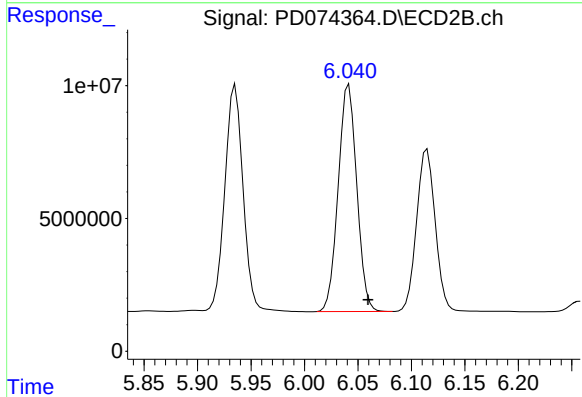
R.T.: 5.790 min  
Delta R.T.: -0.018 min  
Response: 93858320  
Conc: 79.72 ng/ml



#17 4,4'-DDT

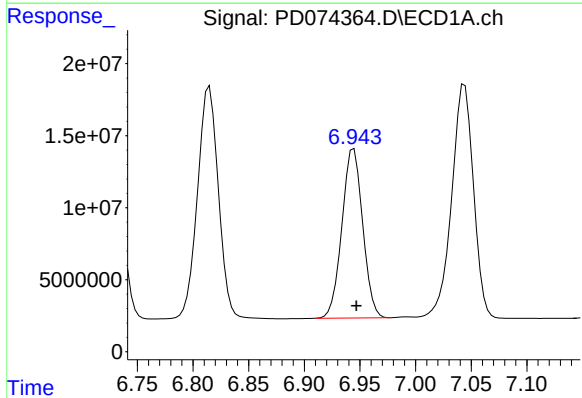
R.T.: 7.044 min  
Delta R.T.: -0.001 min  
Response: 218766126  
Conc: 87.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



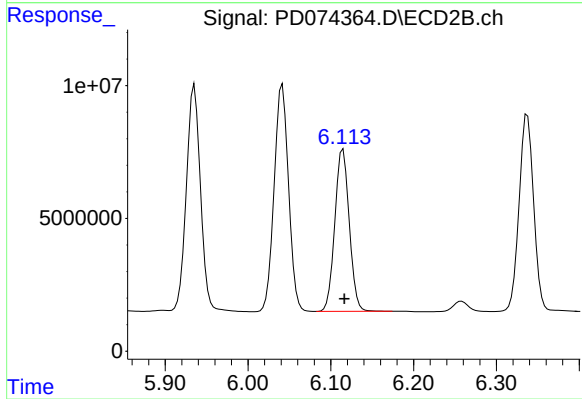
#17 4,4'-DDT

R.T.: 6.042 min  
Delta R.T.: -0.018 min  
Response: 103561312  
Conc: 82.66 ng/ml



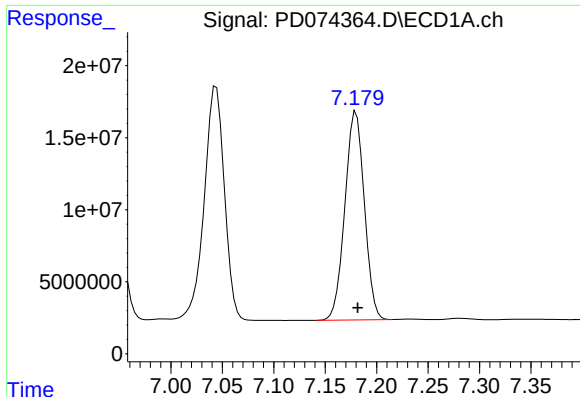
#18 Endrin aldehyde

R.T.: 6.944 min  
Delta R.T.: -0.002 min  
Response: 152390531  
Conc: 67.66 ng/ml



#18 Endrin aldehyde

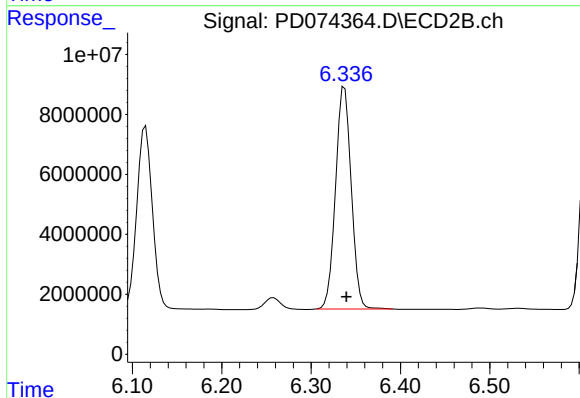
R.T.: 6.115 min  
Delta R.T.: -0.002 min  
Response: 74110356  
Conc: 67.42 ng/ml



#19 Endosulfan Sulfate

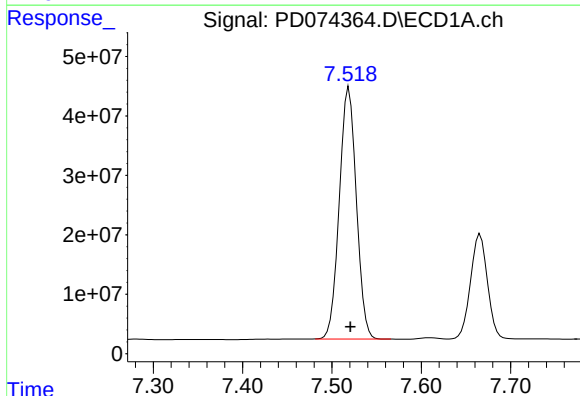
R.T.: 7.180 min  
Delta R.T.: -0.002 min  
Response: 190744800  
Conc: 73.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



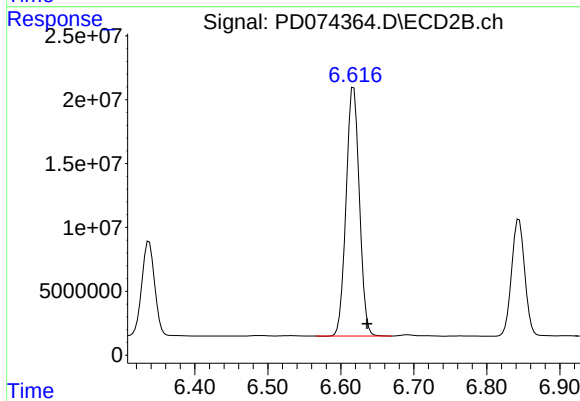
#19 Endosulfan Sulfate

R.T.: 6.337 min  
Delta R.T.: -0.002 min  
Response: 90502968  
Conc: 71.90 ng/ml



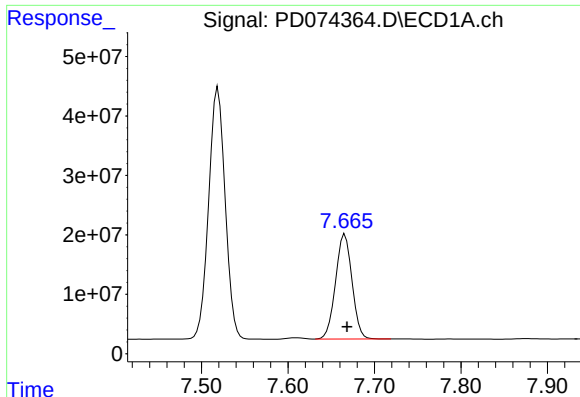
#20 Methoxychlor

R.T.: 7.519 min  
Delta R.T.: -0.002 min  
Response: 561511474  
Conc: 409.00 ng/ml



#20 Methoxychlor

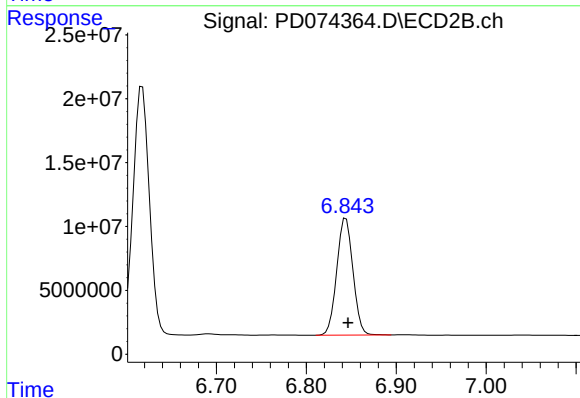
R.T.: 6.618 min  
Delta R.T.: -0.018 min  
Response: 246660775  
Conc: 401.02 ng/ml



#21 Endrin ketone

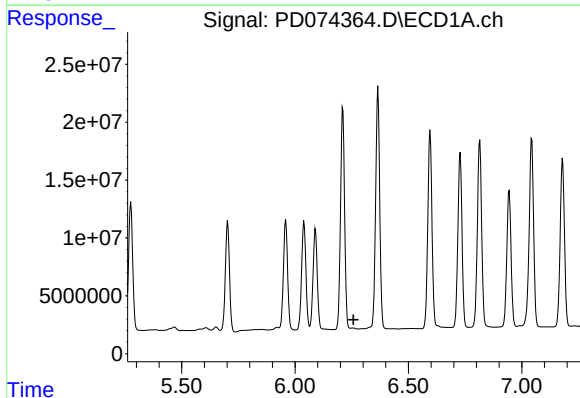
R.T.: 7.666 min  
Delta R.T.: -0.003 min  
Response: 231504109  
Conc: 78.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



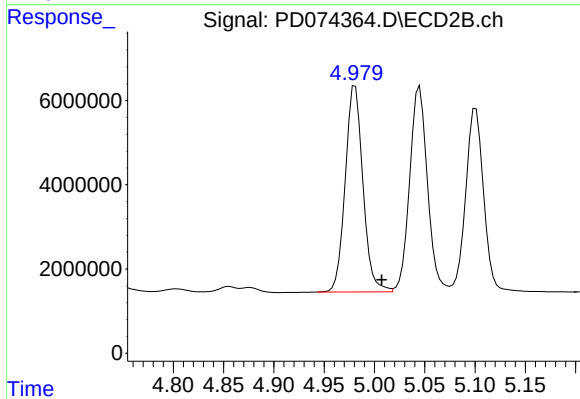
#21 Endrin ketone

R.T.: 6.844 min  
Delta R.T.: -0.002 min  
Response: 114339093  
Conc: 75.14 ng/ml



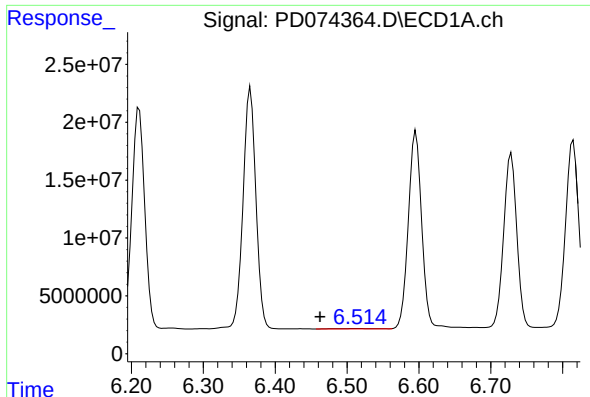
#22 Toxaphene-1

R.T.: 6.300 min  
Delta R.T.: 0.041 min  
Response: -825352  
Conc: N.D.



#22 Toxaphene-1

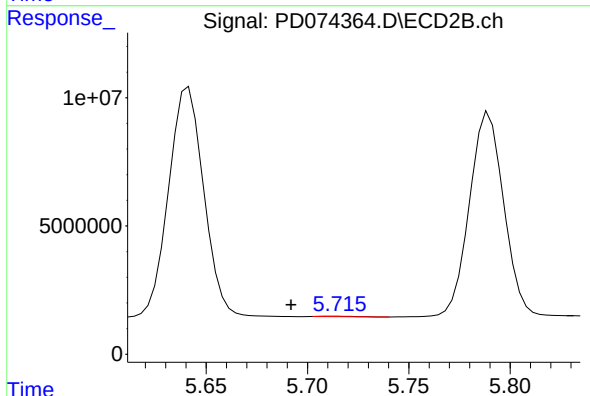
R.T.: 4.981 min  
Delta R.T.: -0.026 min  
Response: 59888236  
Conc: 6748.91 ng/ml



#23 Toxaphene-2

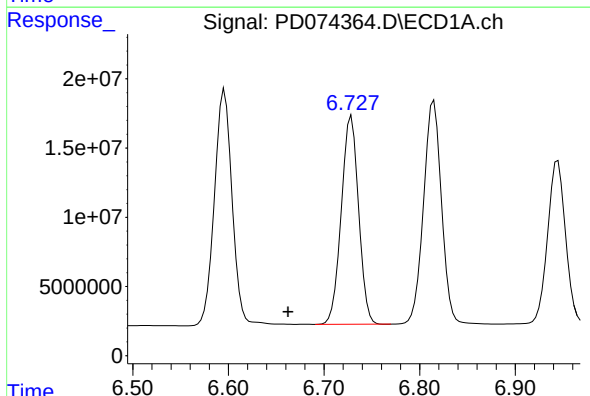
R.T.: 6.516 min  
Delta R.T.: 0.053 min  
Response: 1275122  
Conc: 43.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



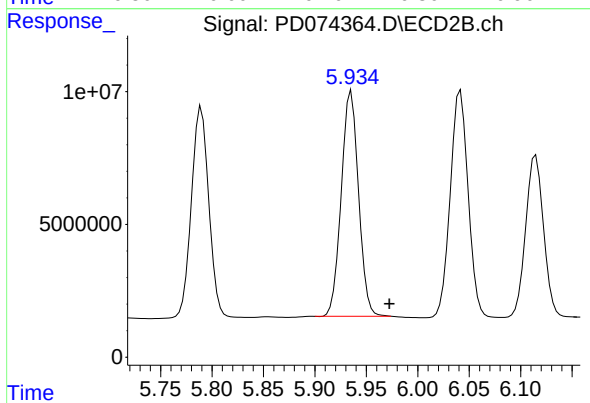
#23 Toxaphene-2

R.T.: 5.713 min  
Delta R.T.: 0.021 min  
Response: 201783  
Conc: 21.48 ng/ml



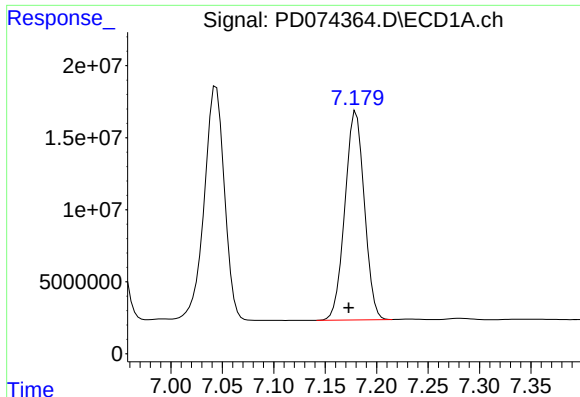
#24 Toxaphene-3

R.T.: 6.729 min  
Delta R.T.: 0.066 min  
Response: 189556481  
Conc: 9007.87 ng/ml



#24 Toxaphene-3

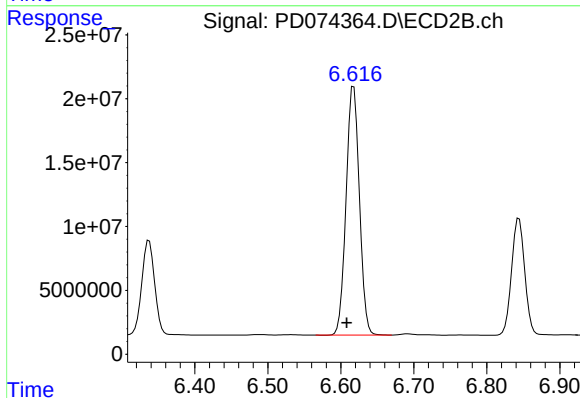
R.T.: 5.935 min  
Delta R.T.: -0.037 min  
Response: 99241682  
Conc: 9348.72 ng/ml



#25 Toxaphene-4

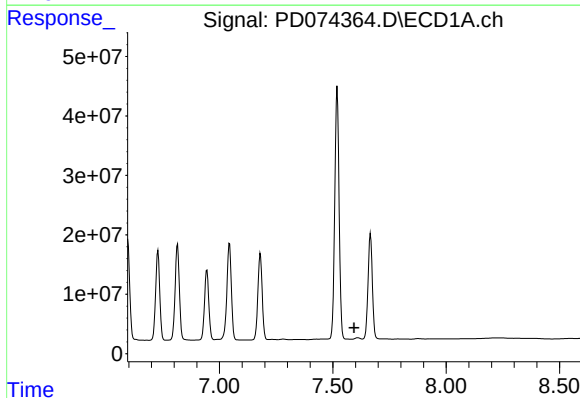
R.T.: 7.180 min  
Delta R.T.: 0.007 min  
Response: 190744800  
Conc: 3079.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



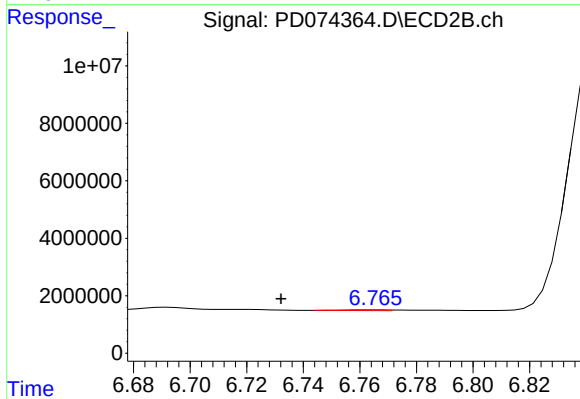
#25 Toxaphene-4

R.T.: 6.618 min  
Delta R.T.: 0.010 min  
Response: 246660775  
Conc: 7382.20 ng/ml



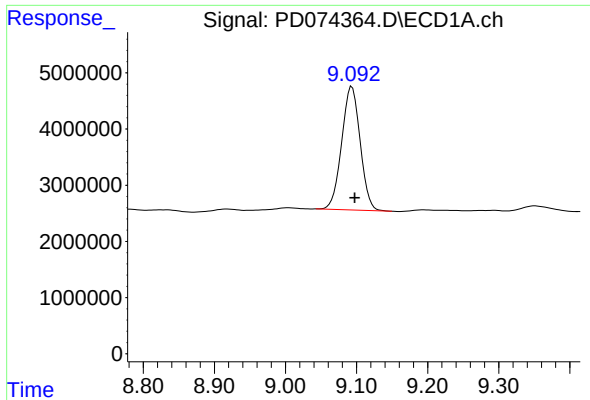
#26 Toxaphene-5

R.T.: 7.610 min  
Delta R.T.: 0.017 min  
Response: -12862  
Conc: N.D.



#26 Toxaphene-5

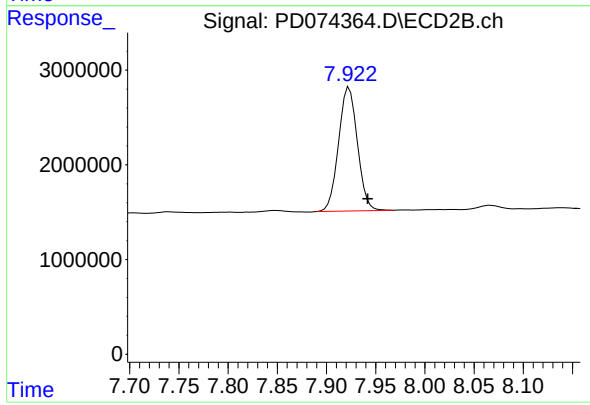
R.T.: 6.765 min  
Delta R.T.: 0.033 min  
Response: 245638  
Conc: 5.75 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.093 min  
Delta R.T.: -0.004 min  
Response: 39695377  
Conc: 14.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.923 min  
Delta R.T.: -0.019 min  
Response: 17406887  
Conc: 14.54 ng/ml