

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070721\  
 Data File : PD064133.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2021 20:38  
 Operator : AR\AJ  
 Sample : M2877-08MSD  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 04:29:30 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070621CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 08 02:29:57 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

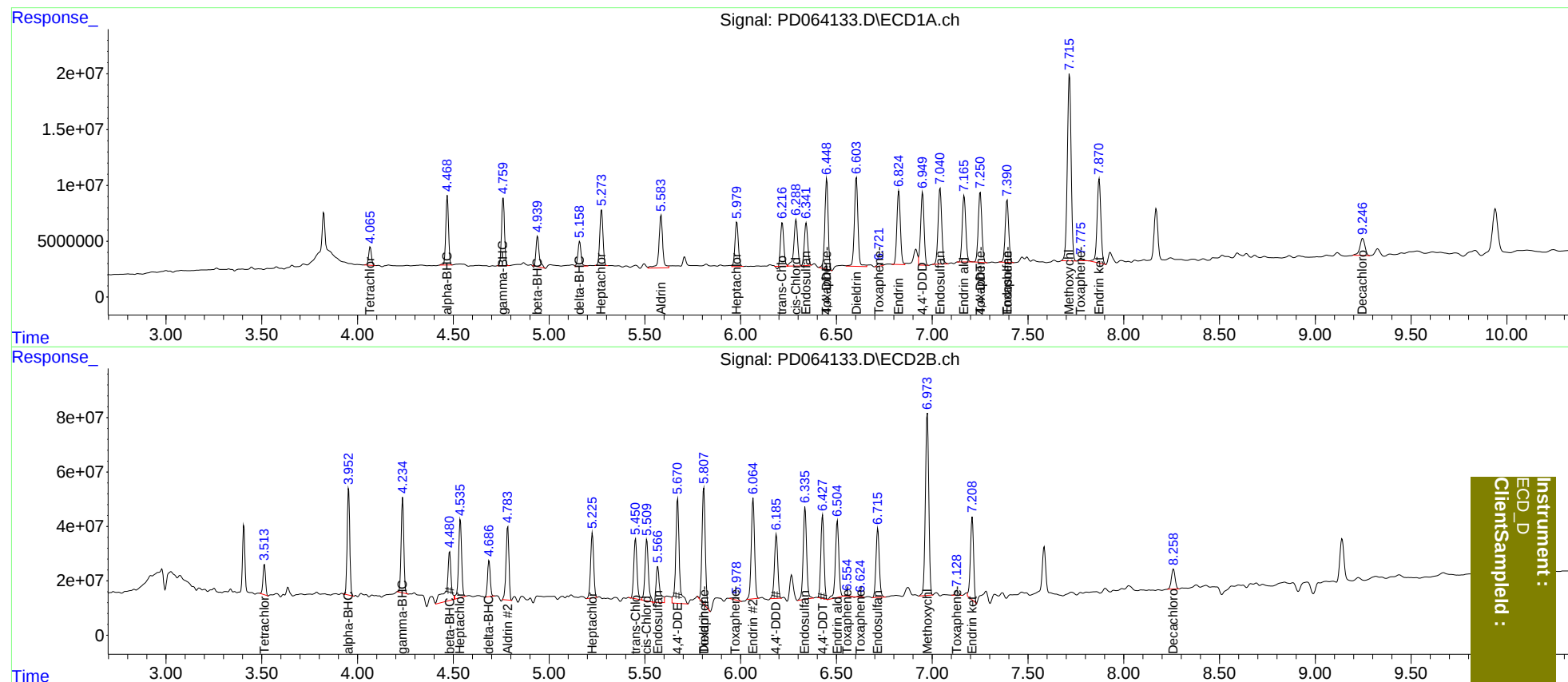
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml     | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|-----------|-----------|
| -----                       |                 |       |       |          |          |           |           |
| System Monitoring Compounds |                 |       |       |          |          |           |           |
| 1)                          | SA Tetrachlo... | 4.067 | 3.514 | 16555443 | 102.7E6  | 11.789    | 12.667    |
| 27)                         | SA Decachlor... | 9.247 | 8.260 | 28043314 | 98989007 | 21.152    | 19.508    |
| Target Compounds            |                 |       |       |          |          |           |           |
| 2)                          | A alpha-BHC     | 4.469 | 3.954 | 61656746 | 368.2E6  | 31.479    | 34.264    |
| 3)                          | MA gamma-BHC... | 4.761 | 4.236 | 64808245 | 332.0E6  | 34.276    | 33.279    |
| 4)                          | MA Heptachlor   | 5.274 | 4.537 | 58080383 | 319.0E6  | 31.021    | 33.718    |
| 5)                          | MB Aldrin       | 5.585 | 4.784 | 63871083 | 283.9E6  | 38.423    | 32.728    |
| 6)                          | B beta-BHC      | 4.940 | 4.481 | 30673705 | 296.3E6  | 34.761    | 65.019 #  |
| 7)                          | B delta-BHC     | 5.160 | 4.687 | 25691624 | 130.7E6  | 14.042    | 14.549    |
| 8)                          | B Heptachlo...  | 5.980 | 5.226 | 47837130 | 264.2E6  | 30.317    | 35.715    |
| 9)                          | A Endosulfan I  | 6.342 | 5.568 | 46595038 | 167.8E6  | 32.013    | 22.312 #  |
| 10)                         | B trans-Chl...  | 6.217 | 5.451 | 44998300 | 258.7E6  | 28.068    | 33.202    |
| 11)                         | B cis-Chlor...  | 6.289 | 5.510 | 57033825 | 278.0E6  | 36.606    | 36.748    |
| 12)                         | B 4,4'-DDE      | 6.450 | 5.671 | 97300548 | 501.7E6  | 61.897    | 70.552    |
| 13)                         | MA Dieldrin     | 6.604 | 5.808 | 102.5E6  | 503.4E6  | 66.206    | 68.357    |
| 14)                         | MA Endrin       | 6.826 | 6.065 | 83072813 | 436.9E6  | 66.204    | 69.643    |
| 15)                         | B Endosulfa...  | 7.041 | 6.336 | 89729246 | 421.0E6  | 68.407    | 71.870    |
| 16)                         | A 4,4'-DDD      | 6.950 | 6.186 | 80955993 | 281.6E6  | 62.049    | 47.899    |
| 17)                         | MA 4,4'-DDT     | 7.251 | 6.428 | 81044451 | 351.7E6  | 64.447    | 57.324    |
| 18)                         | B Endrin al...  | 7.167 | 6.505 | 76747582 | 352.8E6  | 72.908    | 71.862    |
| 19)                         | B Endosulfa...  | 7.391 | 6.716 | 72102229 | 303.8E6  | 57.956    | 60.728    |
| 20)                         | A Methoxychlor  | 7.717 | 6.975 | 230.0E6  | 826.8E6  | 340.576   | 297.796   |
| 21)                         | B Endrin ke...  | 7.872 | 7.209 | 103.8E6  | 350.6E6  | 74.308    | 56.448    |
| 22)                         | Toxaphene-1     | 6.450 | 5.808 | 97300548 | 503.4E6  | 13868.389 | 11176.579 |
| 23)                         | Toxaphene-2     | 6.723 | 5.974 | 3151785  | 19275779 | 300.998   | 383.175 # |
| 24)                         | Toxaphene-3     | 7.251 | 6.555 | 81044451 | 5628466  | 7424.792  | 70.197 #  |
| 25)                         | Toxaphene-4     | 7.391 | 6.625 | 72102229 | 5173532  | 3355.737  | 45.467 #  |
| 26)                         | Toxaphene-5     | 7.777 | 7.129 | 2840234  | 21650769 | 169.820   | 280.502 # |
| -----                       |                 |       |       |          |          |           |           |

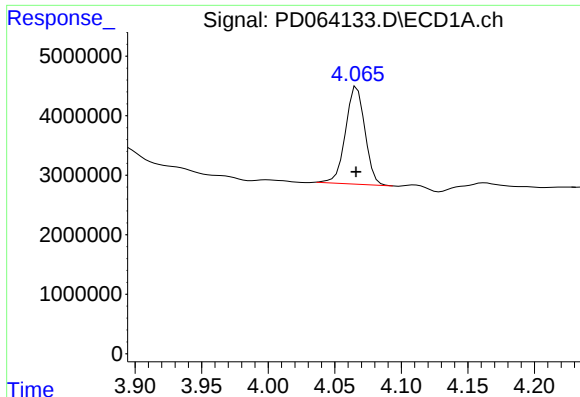
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070721\  
Data File : PD064133.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2021 20:38  
Operator : AR\AJ  
Sample : M2877-08MSD  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 04:29:30 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070621CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 08 02:29:57 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

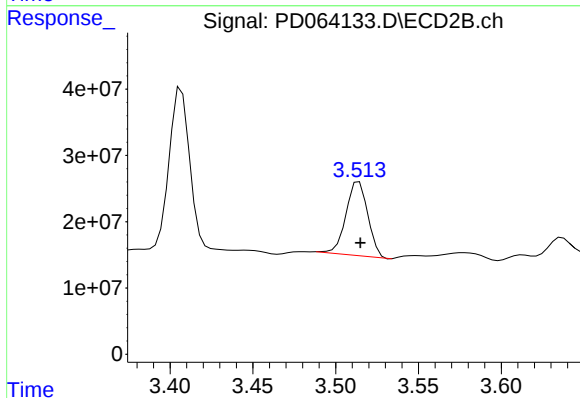




#1 Tetrachloro-m-xylene

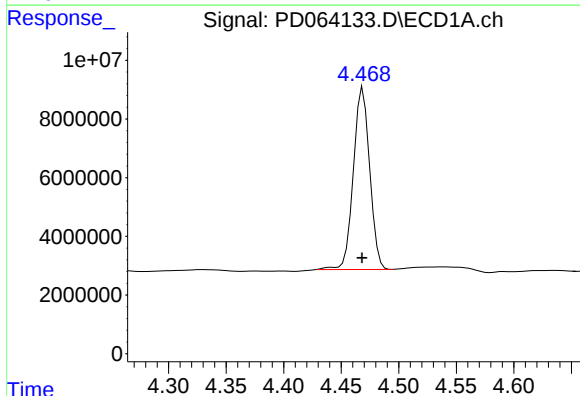
R.T.: 4.067 min  
Delta R.T.: 0.000 min  
Response: 16555443  
Conc: 11.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



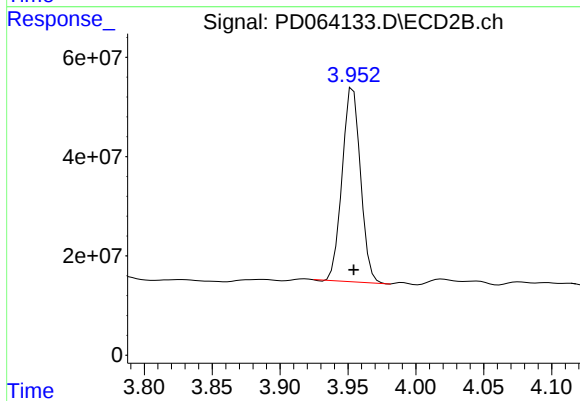
#1 Tetrachloro-m-xylene

R.T.: 3.514 min  
Delta R.T.: 0.000 min  
Response: 102704386  
Conc: 12.67 ng/ml



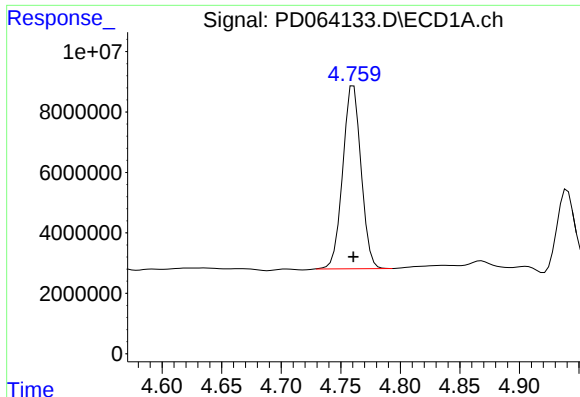
#2 alpha-BHC

R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 61656746  
Conc: 31.48 ng/ml



#2 alpha-BHC

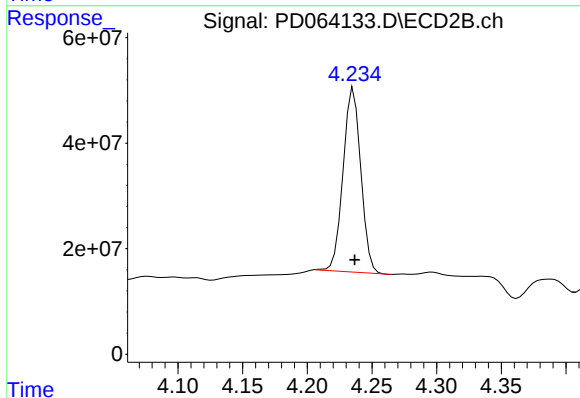
R.T.: 3.954 min  
Delta R.T.: 0.000 min  
Response: 368154935  
Conc: 34.26 ng/ml



#3 gamma-BHC (Lindane)

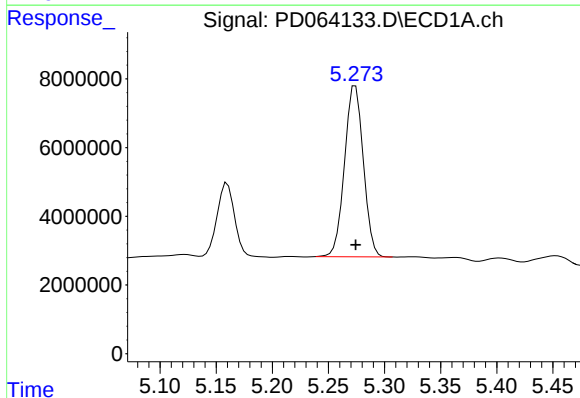
R.T.: 4.761 min  
Delta R.T.: 0.000 min  
Response: 64808245  
Conc: 34.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



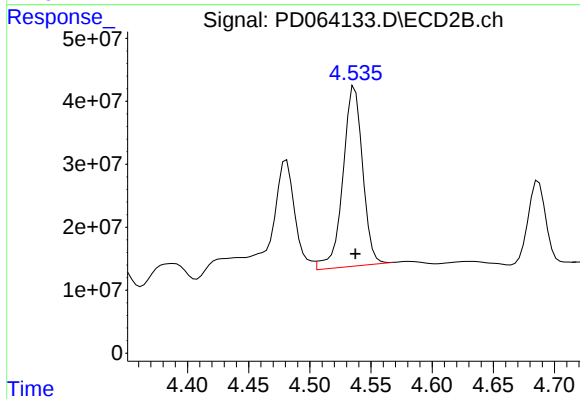
#3 gamma-BHC (Lindane)

R.T.: 4.236 min  
Delta R.T.: 0.000 min  
Response: 332008628  
Conc: 33.28 ng/ml



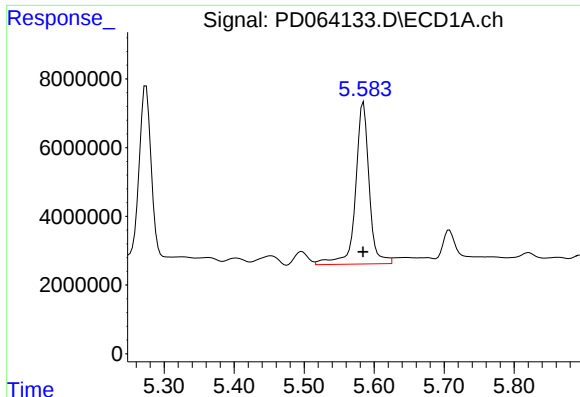
#4 Heptachlor

R.T.: 5.274 min  
Delta R.T.: 0.000 min  
Response: 58080383  
Conc: 31.02 ng/ml



#4 Heptachlor

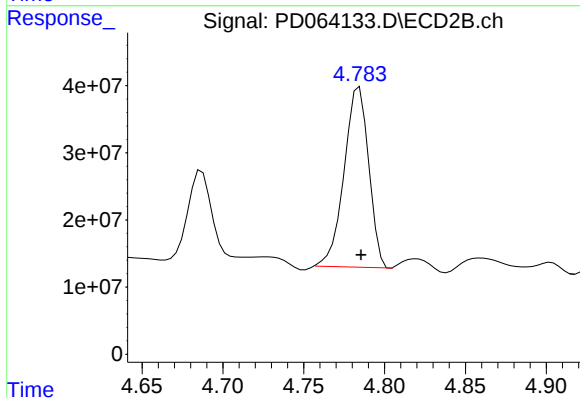
R.T.: 4.537 min  
Delta R.T.: 0.000 min  
Response: 319038008  
Conc: 33.72 ng/ml



#5 Aldrin

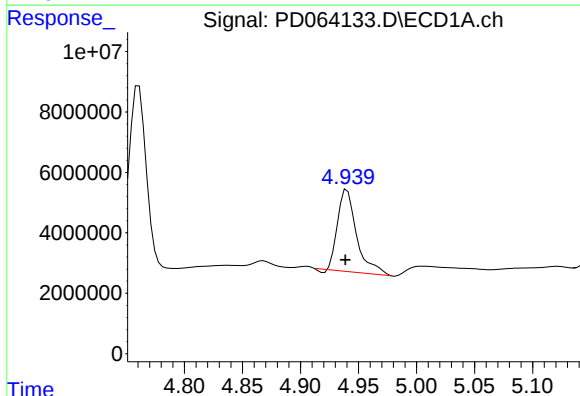
R.T.: 5.585 min  
Delta R.T.: 0.000 min  
Response: 63871083  
Conc: 38.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



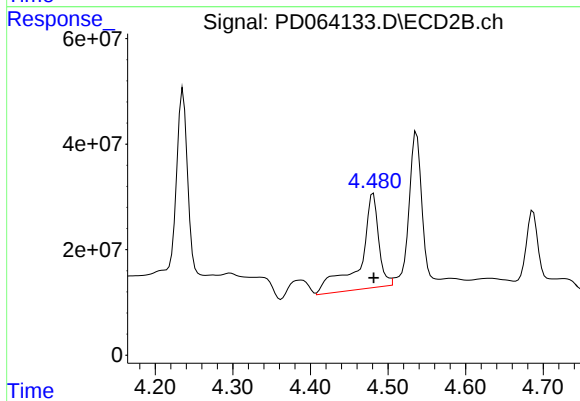
#5 Aldrin

R.T.: 4.784 min  
Delta R.T.: -0.001 min  
Response: 283940093  
Conc: 32.73 ng/ml



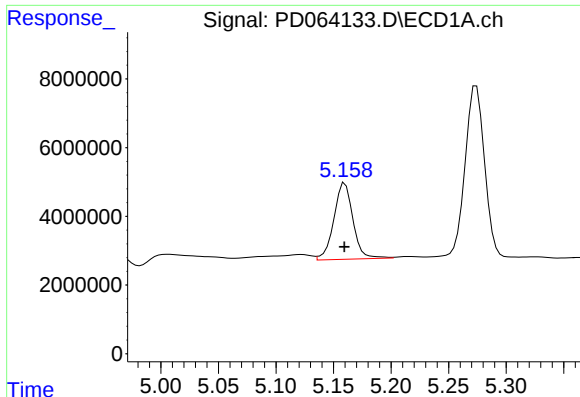
#6 beta-BHC

R.T.: 4.940 min  
Delta R.T.: 0.002 min  
Response: 30673705  
Conc: 34.76 ng/ml



#6 beta-BHC

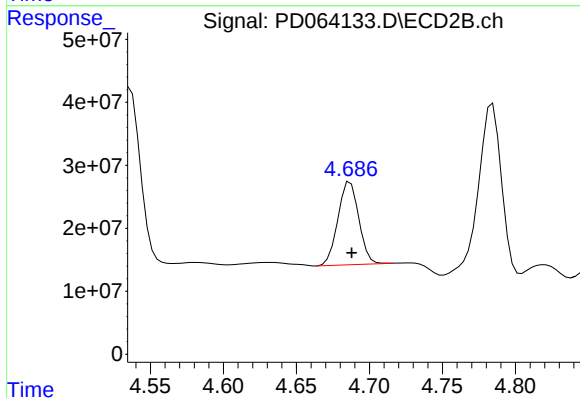
R.T.: 4.481 min  
Delta R.T.: 0.000 min  
Response: 296310355  
Conc: 65.02 ng/ml



#7 delta-BHC

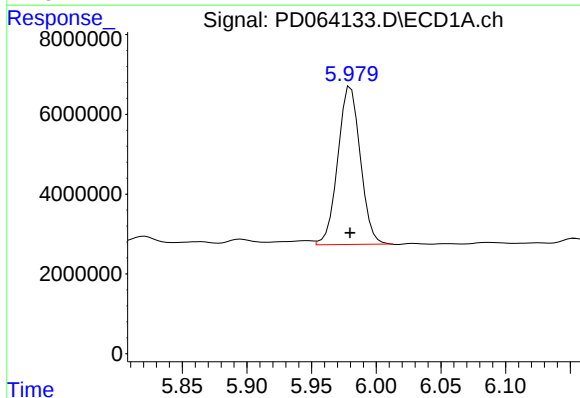
R.T.: 5.160 min  
Delta R.T.: 0.000 min  
Response: 25691624  
Conc: 14.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



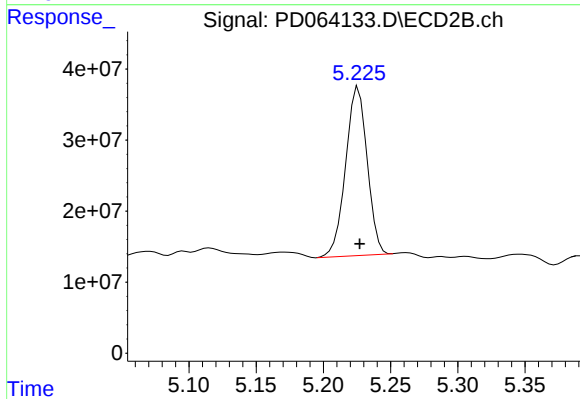
#7 delta-BHC

R.T.: 4.687 min  
Delta R.T.: -0.001 min  
Response: 130722302  
Conc: 14.55 ng/ml



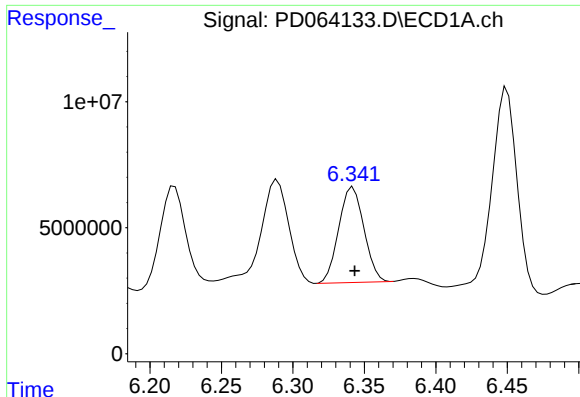
#8 Heptachlor epoxide

R.T.: 5.980 min  
Delta R.T.: 0.000 min  
Response: 47837130  
Conc: 30.32 ng/ml



#8 Heptachlor epoxide

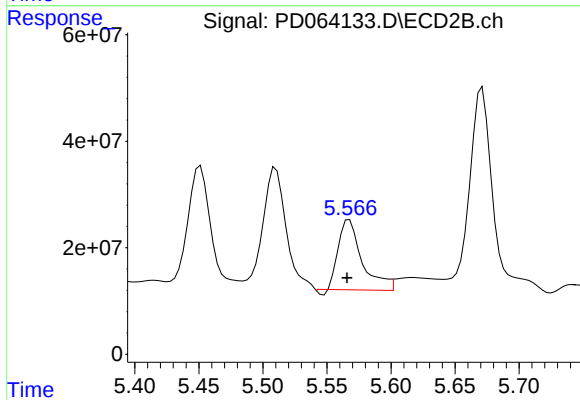
R.T.: 5.226 min  
Delta R.T.: -0.001 min  
Response: 264244290  
Conc: 35.72 ng/ml



#9 Endosulfan I

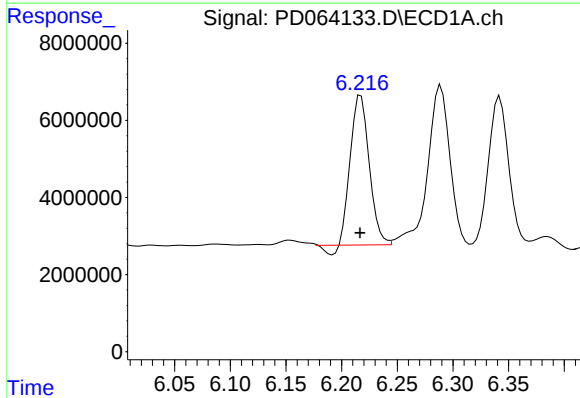
R.T.: 6.342 min  
Delta R.T.: -0.001 min  
Response: 46595038  
Conc: 32.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



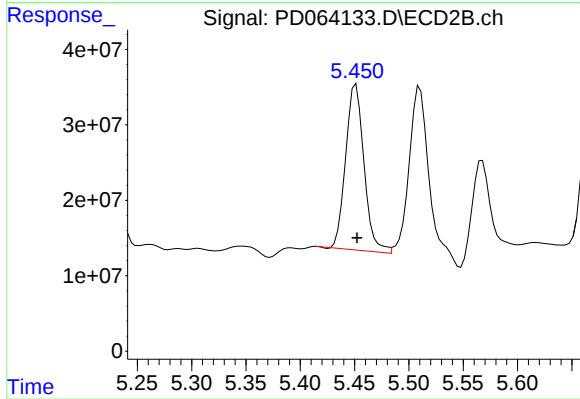
#9 Endosulfan I

R.T.: 5.568 min  
Delta R.T.: 0.002 min  
Response: 167825176  
Conc: 22.31 ng/ml



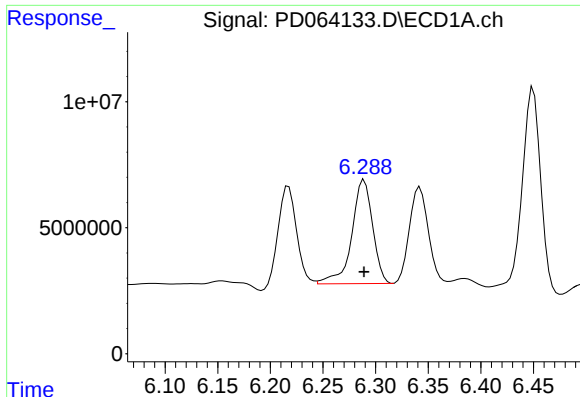
#10 trans-Chlordane

R.T.: 6.217 min  
Delta R.T.: 0.000 min  
Response: 44998300  
Conc: 28.07 ng/ml



#10 trans-Chlordane

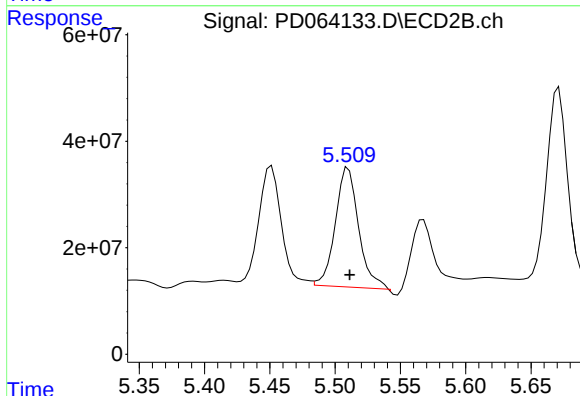
R.T.: 5.451 min  
Delta R.T.: -0.001 min  
Response: 258704144  
Conc: 33.20 ng/ml



#11 cis-Chlordane

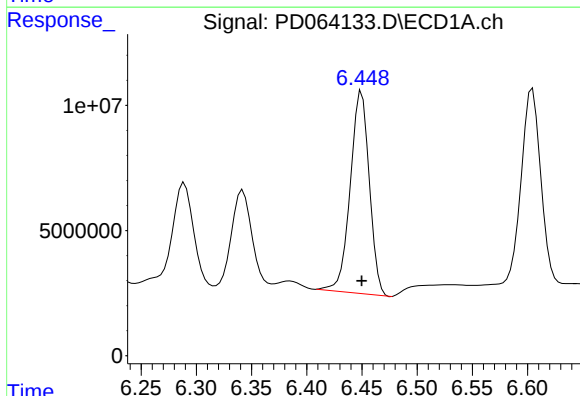
R.T.: 6.289 min  
Delta R.T.: 0.000 min  
Response: 57033825  
Conc: 36.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



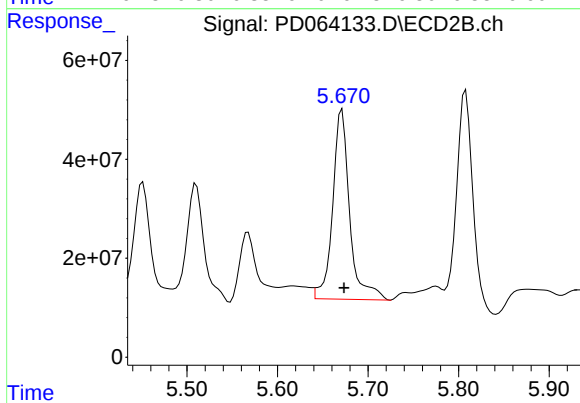
#11 cis-Chlordane

R.T.: 5.510 min  
Delta R.T.: -0.001 min  
Response: 277995990  
Conc: 36.75 ng/ml



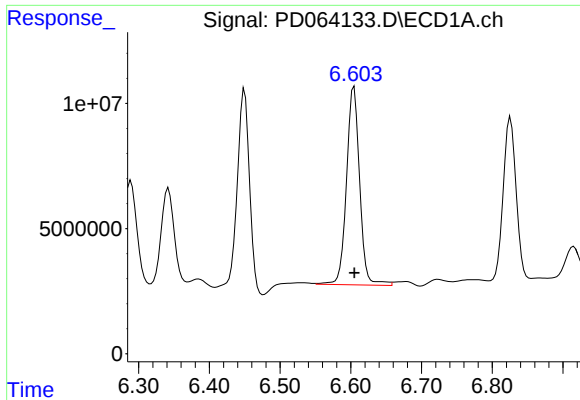
#12 4,4'-DDE

R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 97300548  
Conc: 61.90 ng/ml



#12 4,4'-DDE

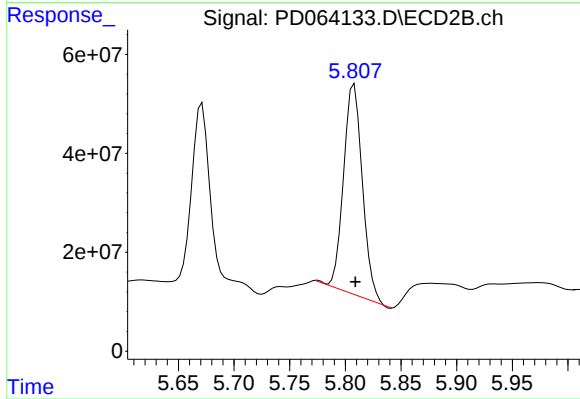
R.T.: 5.671 min  
Delta R.T.: -0.002 min  
Response: 501735095  
Conc: 70.55 ng/ml



#13 Dieldrin

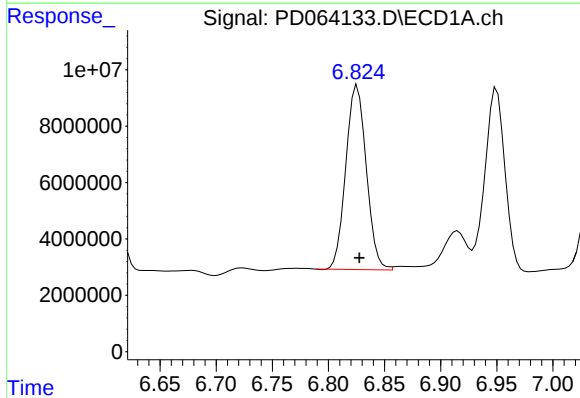
R.T.: 6.604 min  
Delta R.T.: 0.000 min  
Response: 102487426  
Conc: 66.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



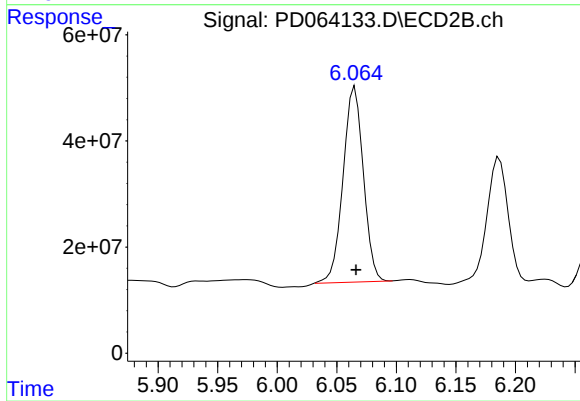
#13 Dieldrin

R.T.: 5.808 min  
Delta R.T.: -0.001 min  
Response: 503359632  
Conc: 68.36 ng/ml



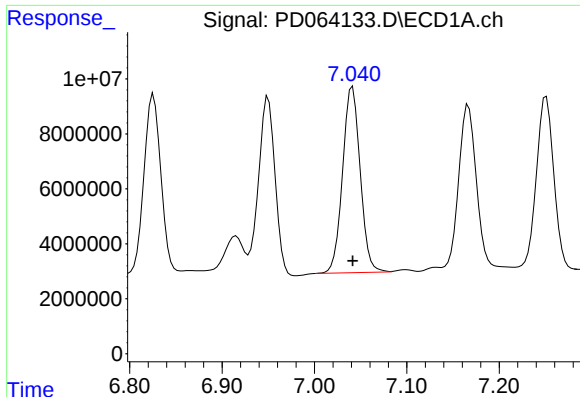
#14 Endrin

R.T.: 6.826 min  
Delta R.T.: -0.002 min  
Response: 83072813  
Conc: 66.20 ng/ml



#14 Endrin

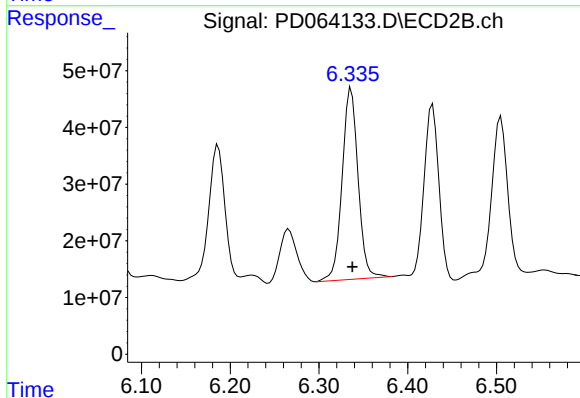
R.T.: 6.065 min  
Delta R.T.: 0.000 min  
Response: 436931483  
Conc: 69.64 ng/ml



#15 Endosulfan II

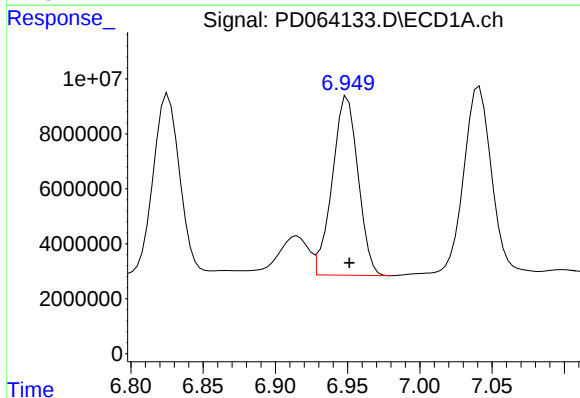
R.T.: 7.041 min  
Delta R.T.: 0.000 min  
Response: 89729246  
Conc: 68.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



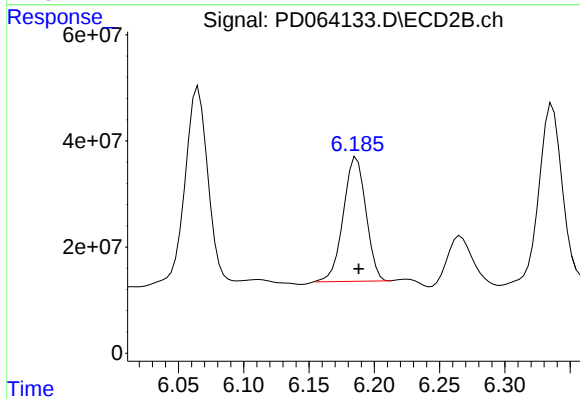
#15 Endosulfan II

R.T.: 6.336 min  
Delta R.T.: -0.001 min  
Response: 420986503  
Conc: 71.87 ng/ml



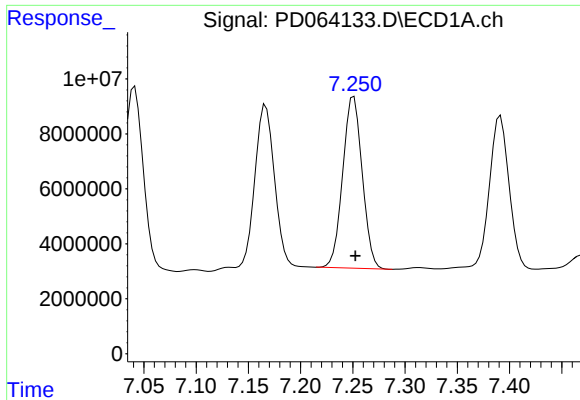
#16 4,4'-DDD

R.T.: 6.950 min  
Delta R.T.: -0.001 min  
Response: 80955993  
Conc: 62.05 ng/ml



#16 4,4'-DDD

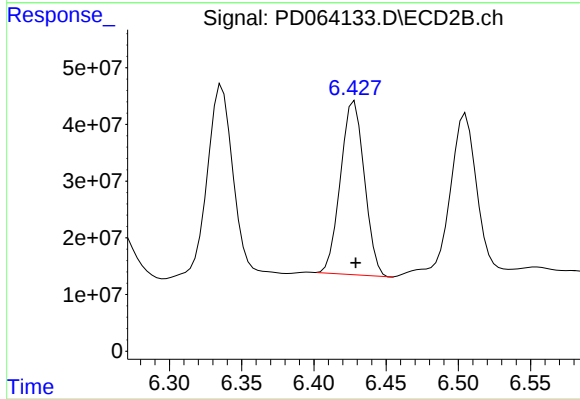
R.T.: 6.186 min  
Delta R.T.: -0.002 min  
Response: 281611844  
Conc: 47.90 ng/ml



#17 4,4'-DDT

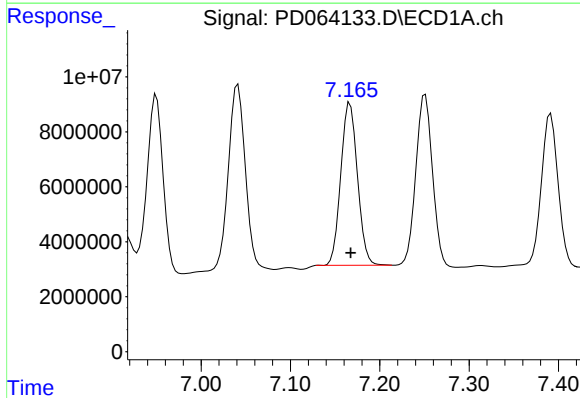
R.T.: 7.251 min  
Delta R.T.: -0.001 min  
Response: 81044451  
Conc: 64.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



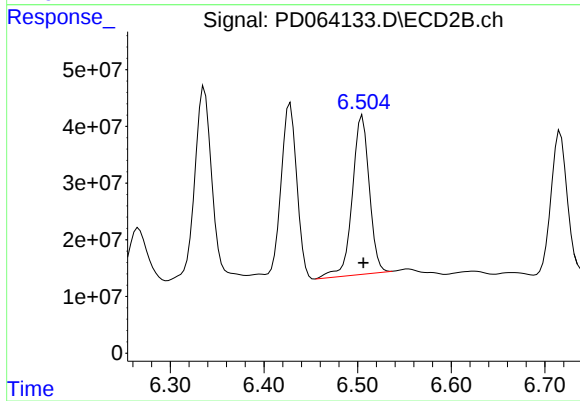
#17 4,4'-DDT

R.T.: 6.428 min  
Delta R.T.: 0.000 min  
Response: 351665666  
Conc: 57.32 ng/ml



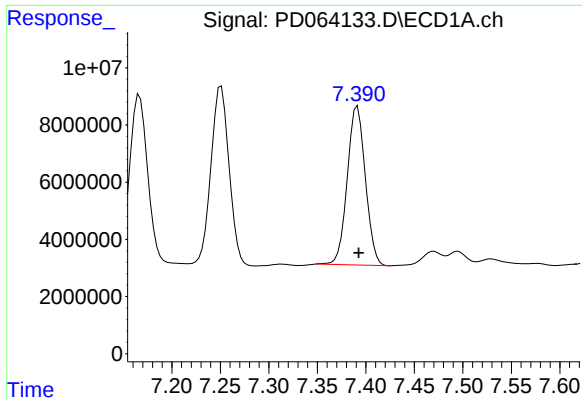
#18 Endrin aldehyde

R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 76747582  
Conc: 72.91 ng/ml



#18 Endrin aldehyde

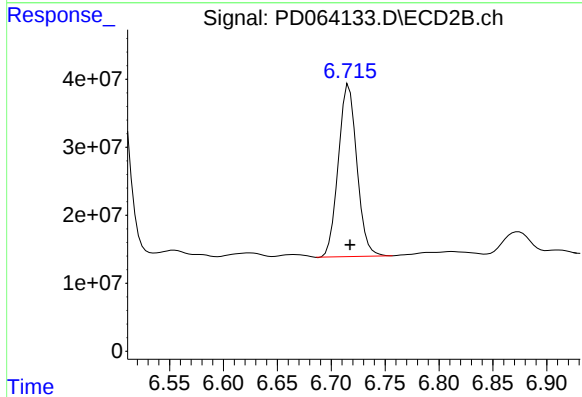
R.T.: 6.505 min  
Delta R.T.: -0.001 min  
Response: 352775975  
Conc: 71.86 ng/ml



#19 Endosulfan Sulfate

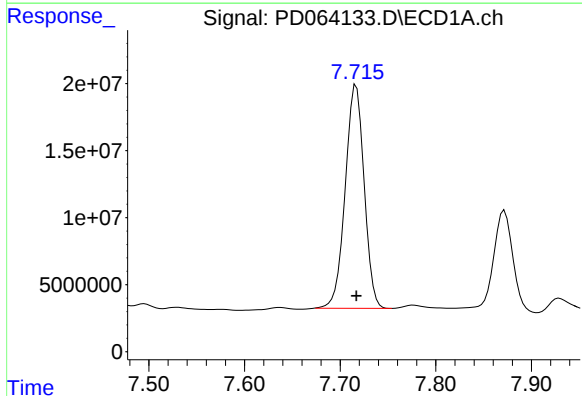
R.T.: 7.391 min  
Delta R.T.: -0.001 min  
Response: 72102229  
Conc: 57.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



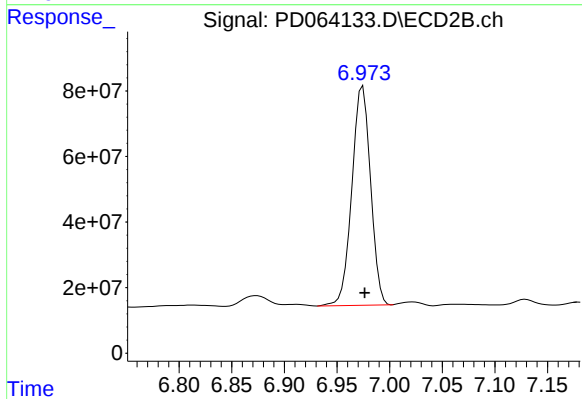
#19 Endosulfan Sulfate

R.T.: 6.716 min  
Delta R.T.: -0.001 min  
Response: 303790336  
Conc: 60.73 ng/ml



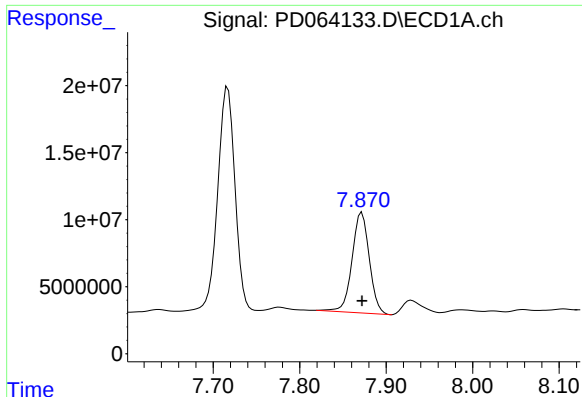
#20 Methoxychlor

R.T.: 7.717 min  
Delta R.T.: 0.000 min  
Response: 230046897  
Conc: 340.58 ng/ml



#20 Methoxychlor

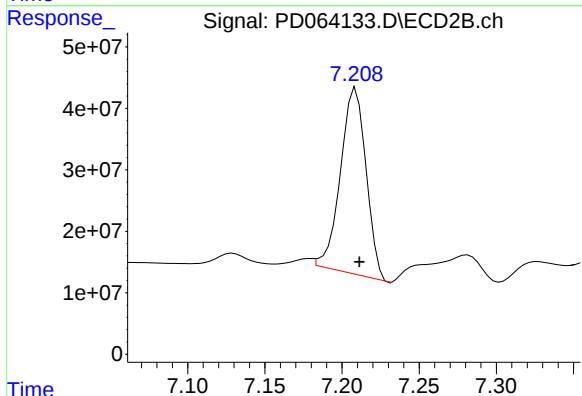
R.T.: 6.975 min  
Delta R.T.: -0.002 min  
Response: 826809178  
Conc: 297.80 ng/ml



#21 Endrin ketone

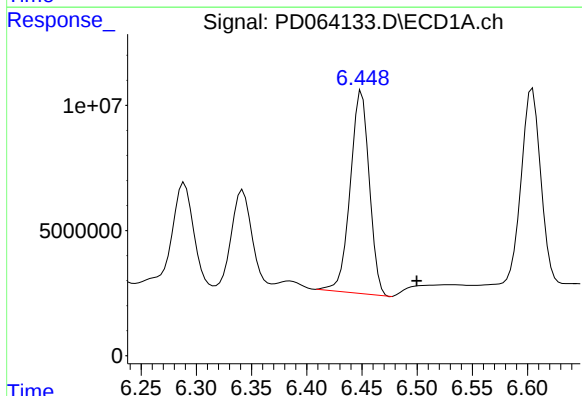
R.T.: 7.872 min  
Delta R.T.: 0.000 min  
Response: 103845461  
Conc: 74.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



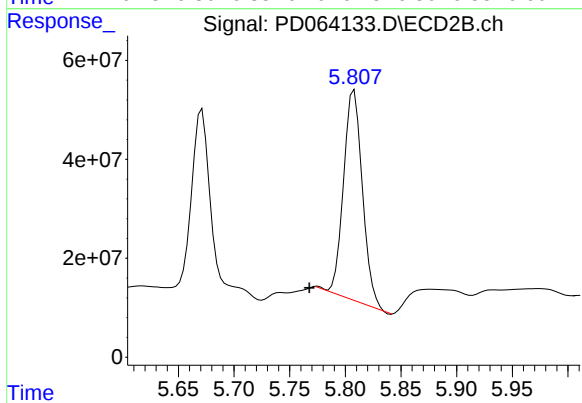
#21 Endrin ketone

R.T.: 7.209 min  
Delta R.T.: -0.002 min  
Response: 350617665  
Conc: 56.45 ng/ml



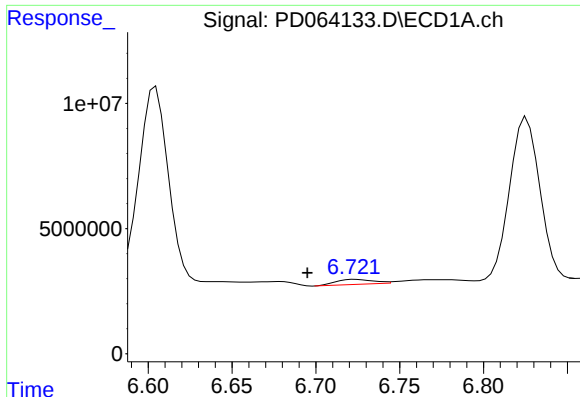
#22 Toxaphene-1

R.T.: 6.450 min  
Delta R.T.: -0.050 min  
Response: 97300548  
Conc: 13868.39 ng/ml



#22 Toxaphene-1

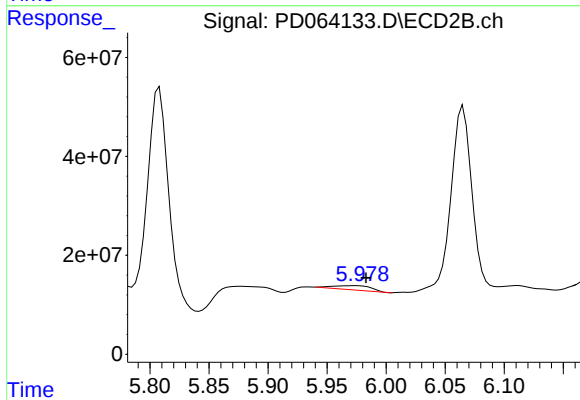
R.T.: 5.808 min  
Delta R.T.: 0.040 min  
Response: 503359632  
Conc: 11176.58 ng/ml



#23 Toxaphene-2

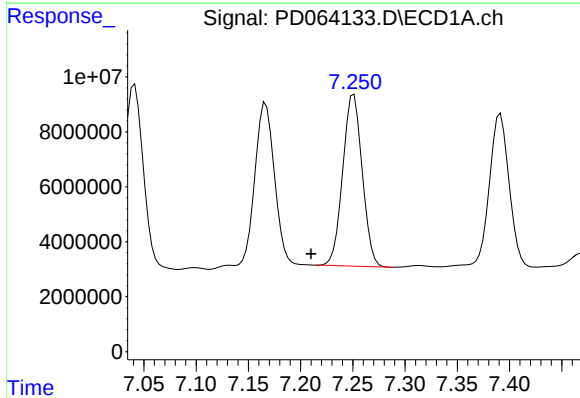
R.T.: 6.723 min  
Delta R.T.: 0.028 min  
Response: 3151785  
Conc: 301.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



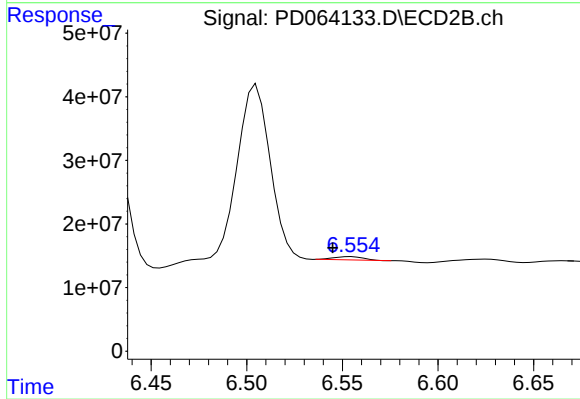
#23 Toxaphene-2

R.T.: 5.974 min  
Delta R.T.: -0.009 min  
Response: 19275779  
Conc: 383.17 ng/ml



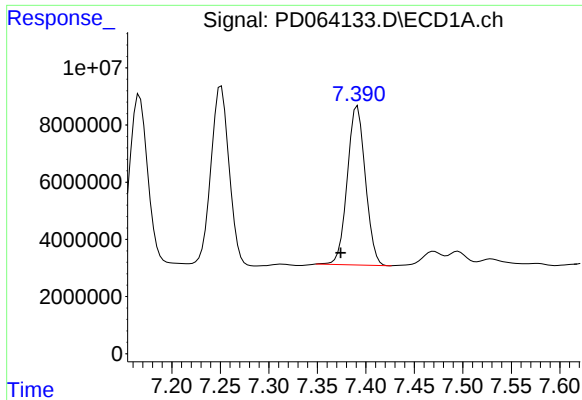
#24 Toxaphene-3

R.T.: 7.251 min  
Delta R.T.: 0.041 min  
Response: 81044451  
Conc: 7424.79 ng/ml



#24 Toxaphene-3

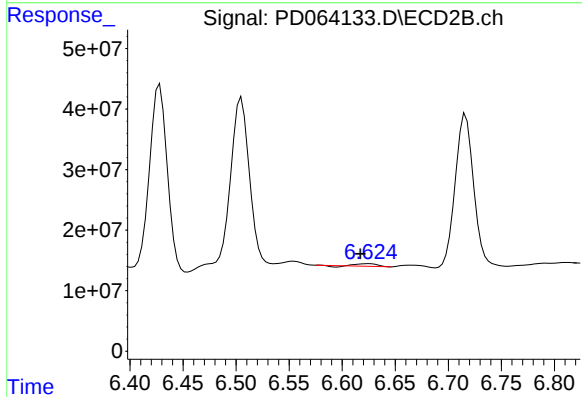
R.T.: 6.555 min  
Delta R.T.: 0.010 min  
Response: 5628466  
Conc: 70.20 ng/ml



#25 Toxaphene-4

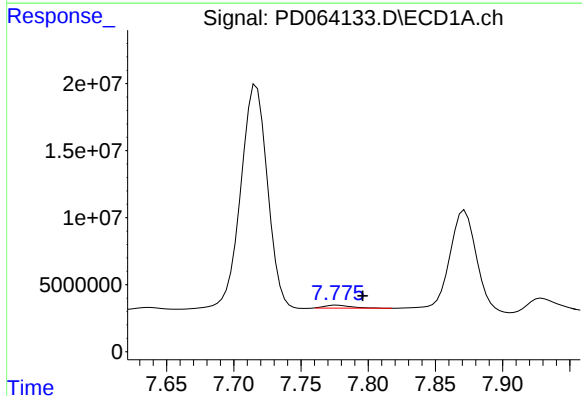
R.T.: 7.391 min  
Delta R.T.: 0.017 min  
Response: 72102229  
Conc: 3355.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



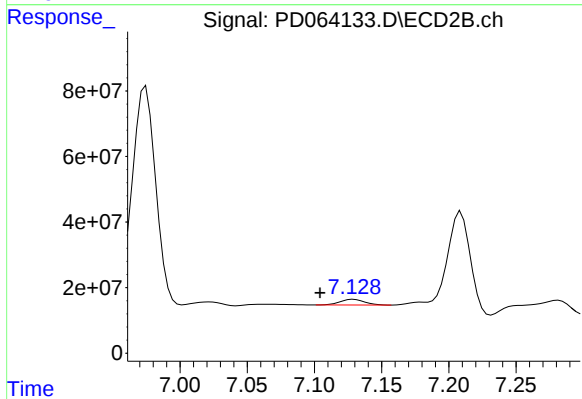
#25 Toxaphene-4

R.T.: 6.625 min  
Delta R.T.: 0.008 min  
Response: 5173532  
Conc: 45.47 ng/ml



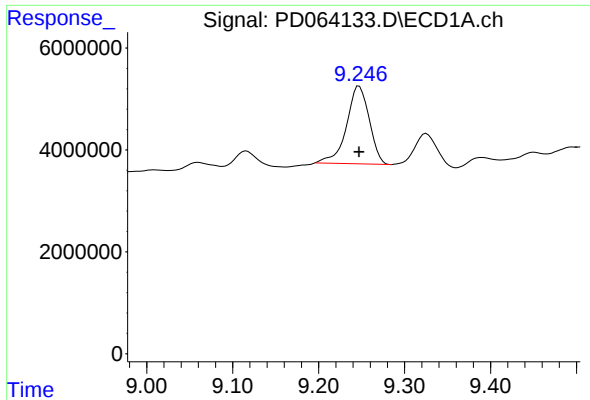
#26 Toxaphene-5

R.T.: 7.777 min  
Delta R.T.: -0.019 min  
Response: 2840234  
Conc: 169.82 ng/ml



#26 Toxaphene-5

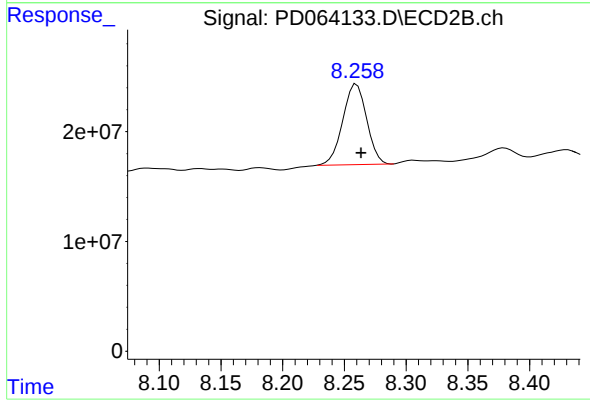
R.T.: 7.129 min  
Delta R.T.: 0.025 min  
Response: 21650769  
Conc: 280.50 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.247 min  
Delta R.T.: 0.000 min  
Response: 28043314  
Conc: 21.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.260 min  
Delta R.T.: -0.004 min  
Response: 98989007  
Conc: 19.51 ng/ml