

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071521\  
 Data File : PD064276.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jul 2021 15:26  
 Operator : AR\AJ  
 Sample : M2970-19  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 05:30:04 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070921CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 14 06:42:28 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

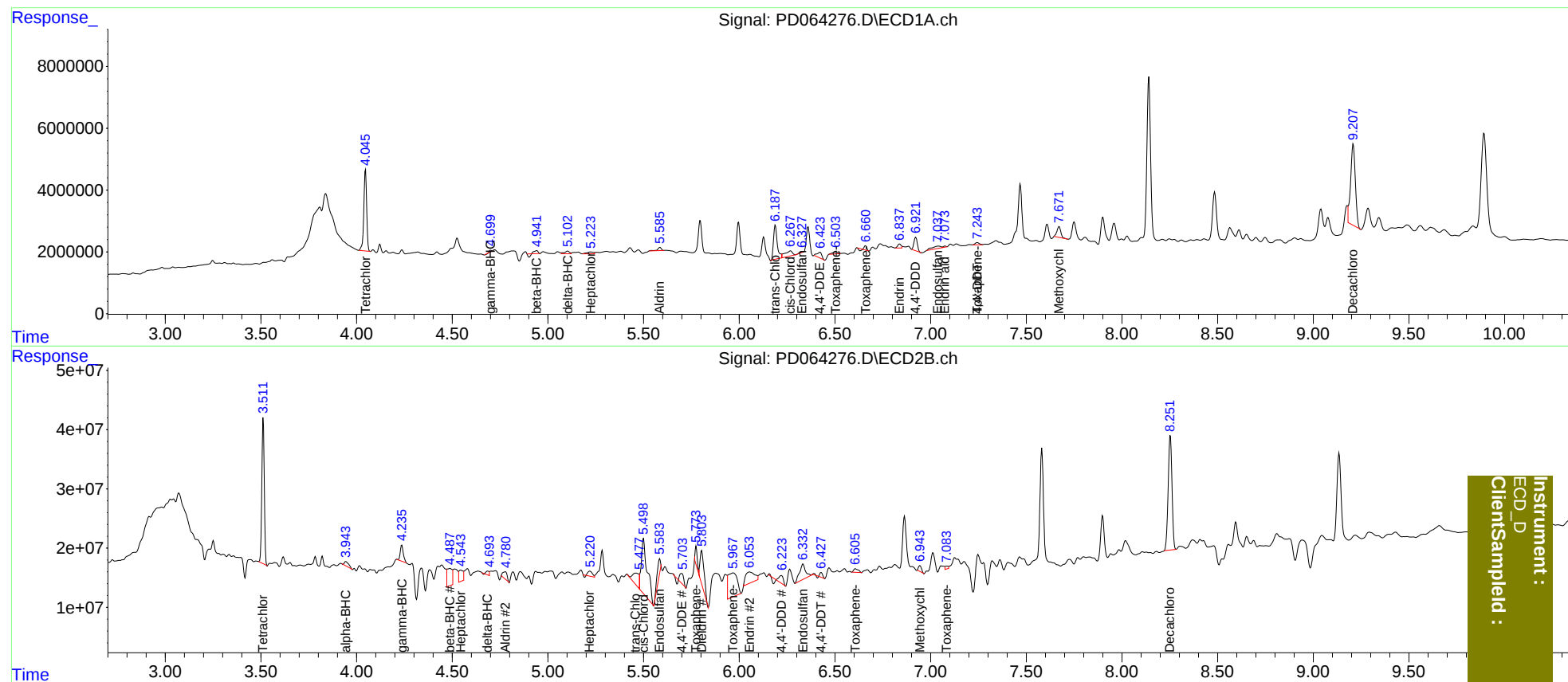
|                             | Compound        | RT#1   | RT#2   | Resp#1            | Resp#2  | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|-------------------|---------|---------|------------|
| -----                       |                 |        |        |                   |         |         |            |
| System Monitoring Compounds |                 |        |        |                   |         |         |            |
| 1)                          | SA Tetrachlo... | 4.047  | 3.512  | 27265608          | 219.2E6 | 20.378  | 21.936     |
| 27)                         | SA Decachlor... | 9.209  | 8.253  | 45503127          | 269.1E6 | 42.428  | 51.513     |
| Target Compounds            |                 |        |        |                   |         |         |            |
| 2)                          | A alpha-BHC     | 0.000  | 3.944  | 0 11200850        |         | N.D.    | 0.838      |
| 3)                          | MA gamma-BHC... | 4.701f | 4.237  | 265679 29561357   |         | 0.149   | 2.430 #    |
| 4)                          | MA Heptachlor   | 5.224f | 4.545  | 1396010 28211296  |         | 0.791   | 2.474 #    |
| 5)                          | MB Aldrin       | 5.586f | 4.778  | 1438117 19541473  |         | 0.902   | 1.887 #    |
| 6)                          | B beta-BHC      | 4.942  | 4.489  | 737476 54639034   |         | 0.879   | 10.054 #   |
| 7)                          | B delta-BHC     | 5.103f | 4.685  | 1556756 6603884   |         | 0.911   | 0.601 #    |
| 8)                          | B Heptachlo...  | 0.000  | 5.219  | 0 12609537        |         | N.D.    | 1.380      |
| 9)                          | A Endosulfan I  | 6.328  | 5.585  | 303196 30796686   |         | 0.219   | 3.642 #    |
| 10)                         | B trans-Chl...  | 6.189  | 5.459  | 14690155 46793129 |         | 9.294   | 5.030 #    |
| 11)                         | B cis-Chlor...  | 6.268  | 5.500  | 4754492 205.2E6   |         | 3.032   | 22.666 #   |
| 12)                         | B 4,4'-DDE      | 6.422  | 5.699  | 3226823 21002385  |         | 2.329   | 2.506      |
| 13)                         | MA Dieldrin     | 0.000  | 5.804  | 0 85517154        |         | N.D.    | 10.003     |
| 14)                         | MA Endrin       | 6.838f | 6.054  | 1533274 61260219  |         | 1.299   | 8.404 #    |
| 15)                         | B Endosulfa...  | 7.039  | 6.333  | 2558859 56630731  |         | 2.117   | 8.705 #    |
| 16)                         | A 4,4'-DDD      | 6.923  | 6.220f | 5441022 14669474  |         | 4.778   | 2.181 #    |
| 17)                         | MA 4,4'-DDT     | 7.245  | 6.428  | 1096350 7896150   |         | 0.950   | 1.128      |
| 20)                         | A Methoxychlor  | 7.672  | 6.944  | 4906469 11129231  |         | 7.647   | 3.607 #    |
| 22)                         | Toxaphene-1     | 6.505  | 5.775  | 1242682 24262054  |         | 171.400 | 457.739 #  |
| 23)                         | Toxaphene-2     | 6.660  | 5.969  | 819292 133.8E6    |         | 70.055  | 1439.486 # |
| 24)                         | Toxaphene-3     | 7.245  | 6.512  | 1096350 -3635785  |         | 98.088  | N.D. #     |
| 25)                         | Toxaphene-4     | 0.000  | 6.607  | 0 10576350        |         | N.D.    | 82.331     |
| 26)                         | Toxaphene-5     | 7.808  | 7.087  | -377423 5307823   |         | N.D.    | 42.649     |
| -----                       |                 |        |        |                   |         |         |            |

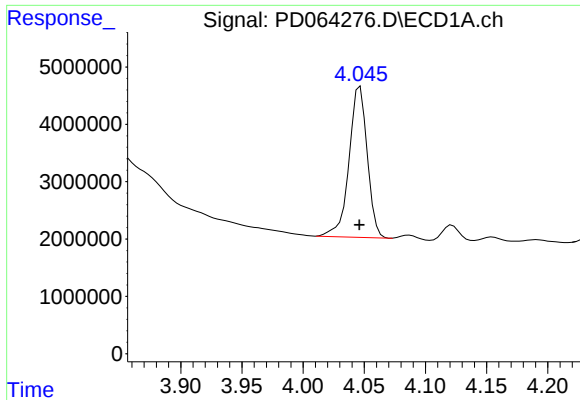
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071521\  
Data File : PD064276.D  
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Acq On : 15 Jul 2021 15:26  
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ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
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Quant Time: Jul 16 05:30:04 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070921CLP.M  
Quant Title : GC Extractables  
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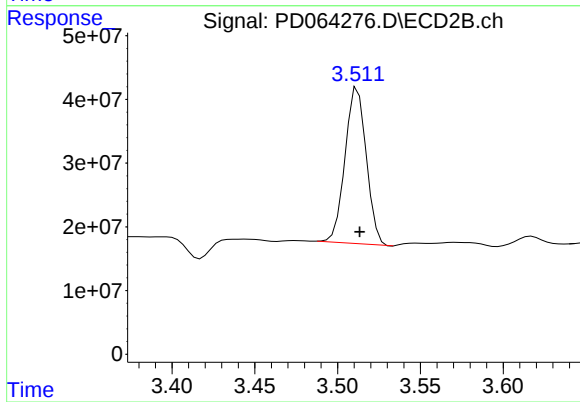




#1 Tetrachloro-m-xylene

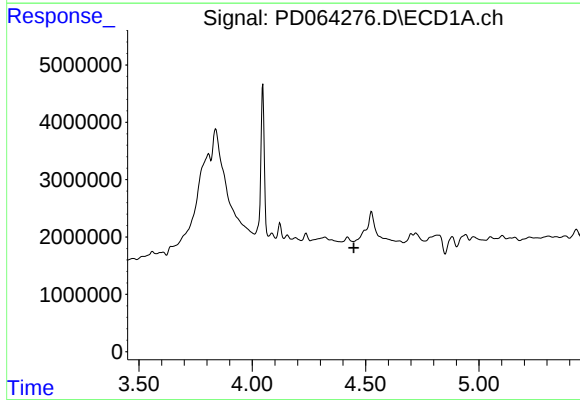
R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 27265608  
Conc: 20.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



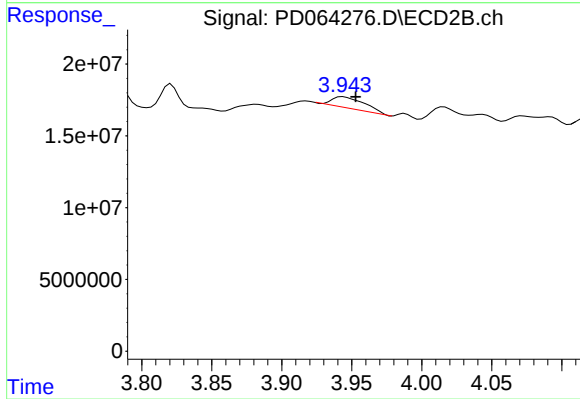
#1 Tetrachloro-m-xylene

R.T.: 3.512 min  
Delta R.T.: -0.001 min  
Response: 219174605  
Conc: 21.94 ng/ml



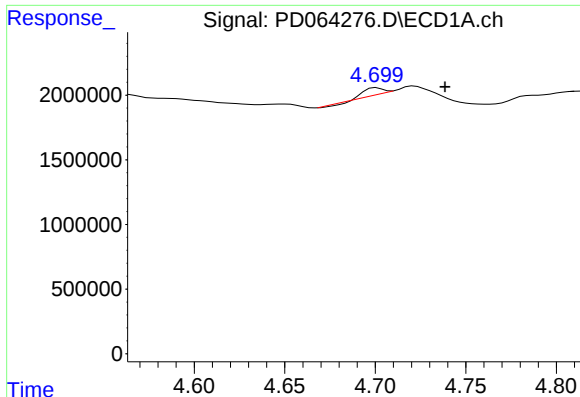
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.447 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

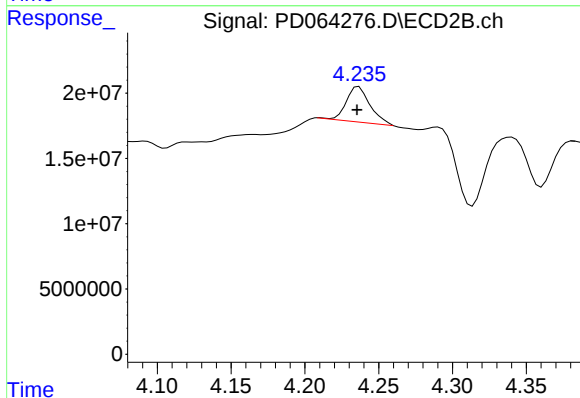
R.T.: 3.944 min  
Delta R.T.: -0.009 min  
Response: 11200850  
Conc: 0.84 ng/ml



#3 gamma-BHC (Lindane)

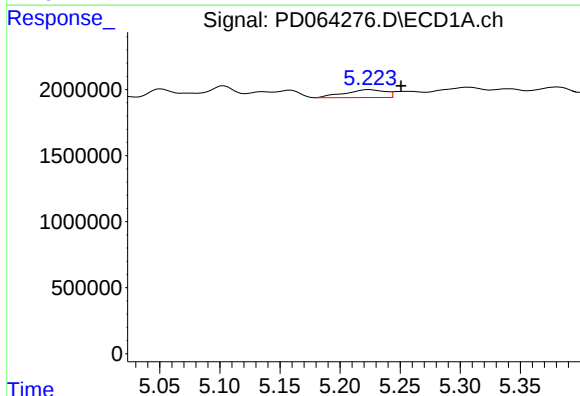
R.T.: 4.701 min  
Delta R.T.: -0.038 min  
Response: 265679  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



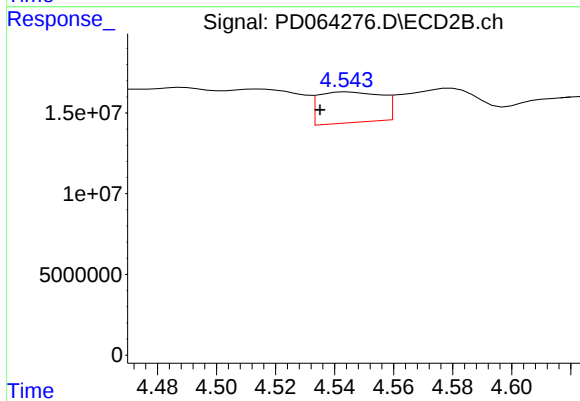
#3 gamma-BHC (Lindane)

R.T.: 4.237 min  
Delta R.T.: 0.001 min  
Response: 29561357  
Conc: 2.43 ng/ml



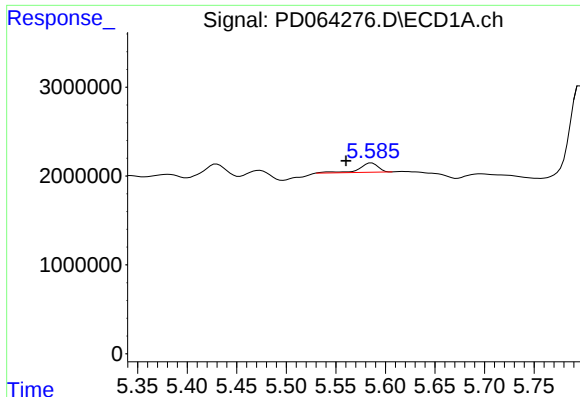
#4 Heptachlor

R.T.: 5.224 min  
Delta R.T.: -0.027 min  
Response: 1396010  
Conc: 0.79 ng/ml



#4 Heptachlor

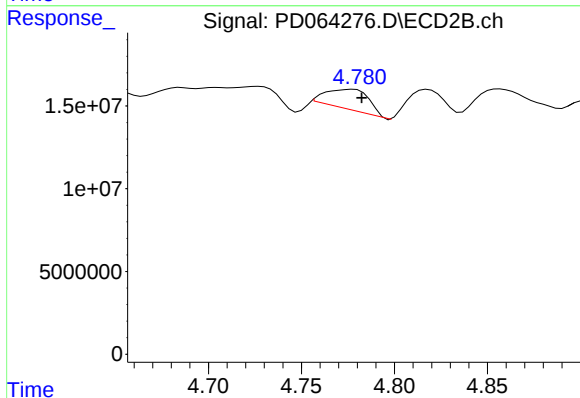
R.T.: 4.545 min  
Delta R.T.: 0.010 min  
Response: 28211296  
Conc: 2.47 ng/ml



#5 Aldrin

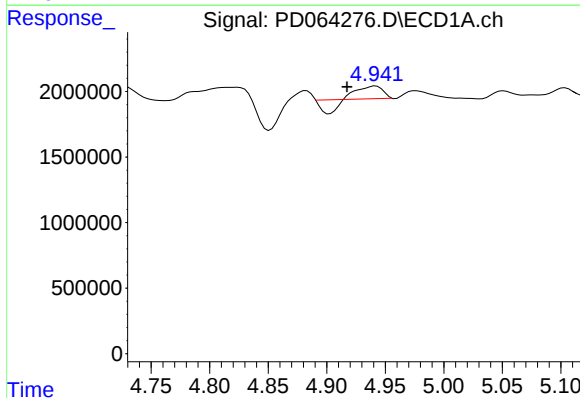
R.T.: 5.586 min  
Delta R.T.: 0.026 min  
Response: 1438117  
Conc: 0.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



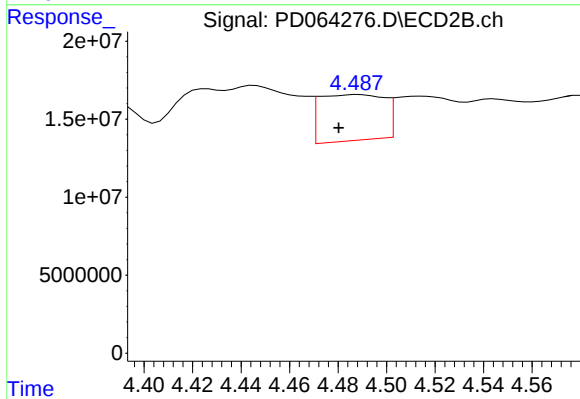
#5 Aldrin

R.T.: 4.778 min  
Delta R.T.: -0.005 min  
Response: 19541473  
Conc: 1.89 ng/ml



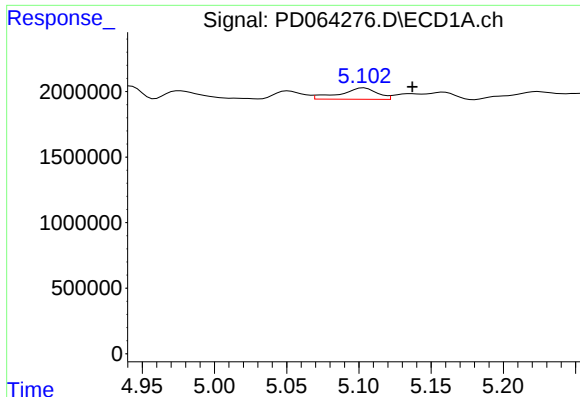
#6 beta-BHC

R.T.: 4.942 min  
Delta R.T.: 0.024 min  
Response: 737476  
Conc: 0.88 ng/ml



#6 beta-BHC

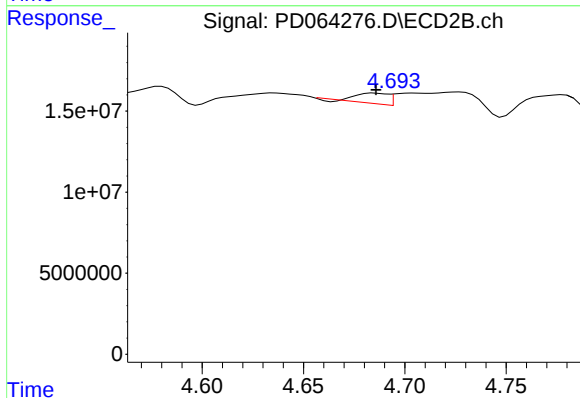
R.T.: 4.489 min  
Delta R.T.: 0.008 min  
Response: 54639034  
Conc: 10.05 ng/ml



#7 delta-BHC

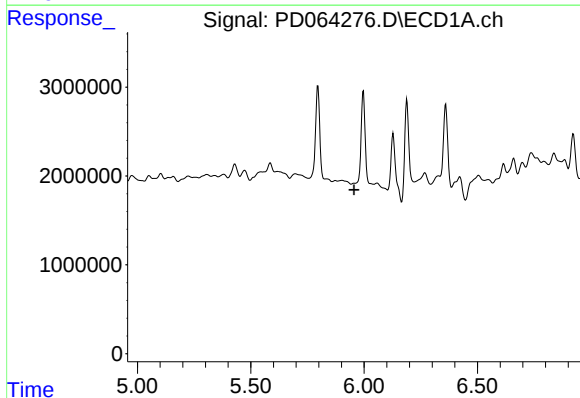
R.T.: 5.103 min  
Delta R.T.: -0.034 min  
Response: 1556756  
Conc: 0.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



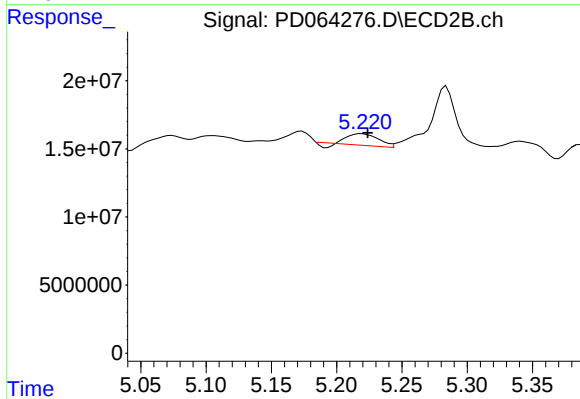
#7 delta-BHC

R.T.: 4.685 min  
Delta R.T.: 0.000 min  
Response: 6603884  
Conc: 0.60 ng/ml



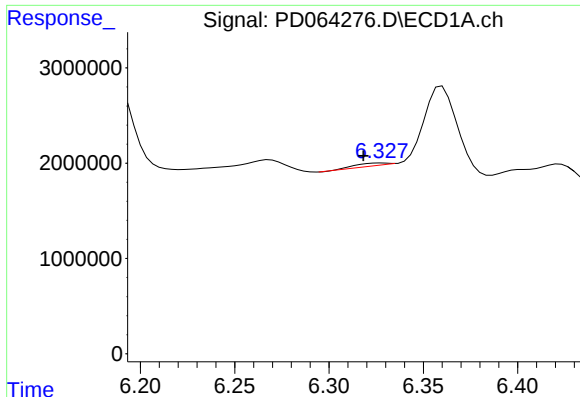
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.955 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

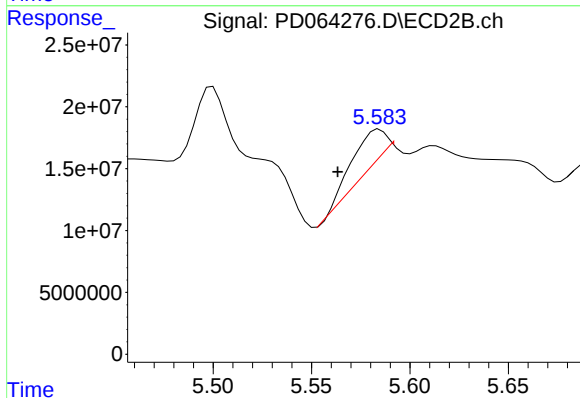
R.T.: 5.219 min  
Delta R.T.: -0.004 min  
Response: 12609537  
Conc: 1.38 ng/ml



#9 Endosulfan I

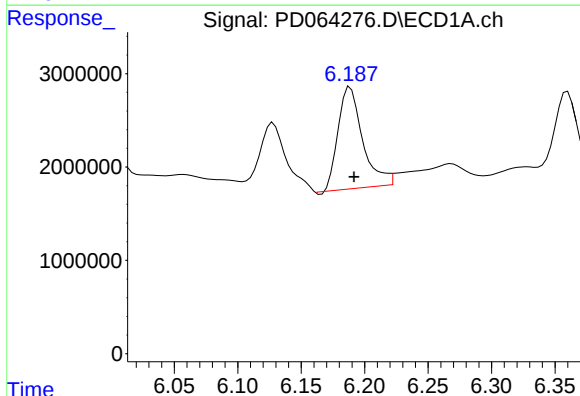
R.T.: 6.328 min  
Delta R.T.: 0.010 min  
Response: 303196  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



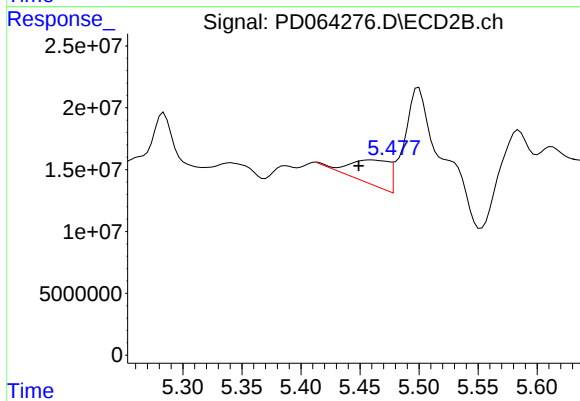
#9 Endosulfan I

R.T.: 5.585 min  
Delta R.T.: 0.021 min  
Response: 30796686  
Conc: 3.64 ng/ml



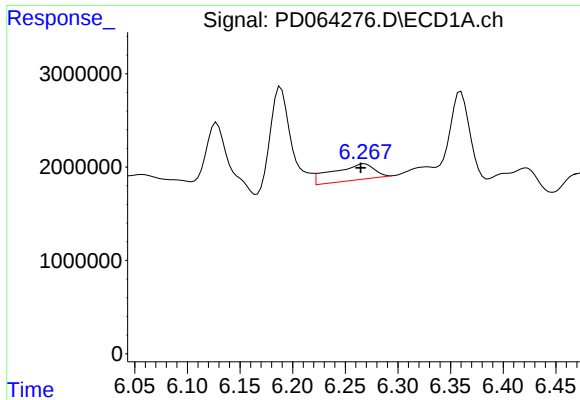
#10 trans-Chlordane

R.T.: 6.189 min  
Delta R.T.: -0.003 min  
Response: 14690155  
Conc: 9.29 ng/ml



#10 trans-Chlordane

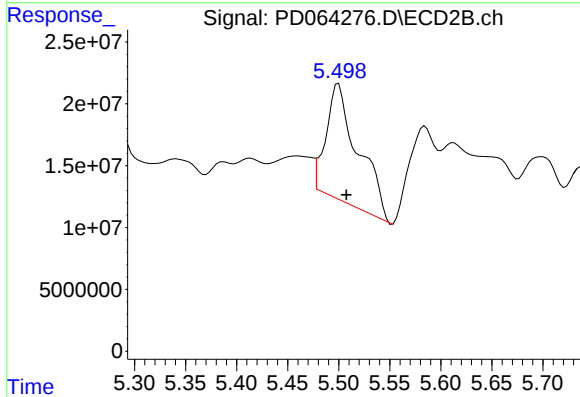
R.T.: 5.459 min  
Delta R.T.: 0.010 min  
Response: 46793129  
Conc: 5.03 ng/ml



#11 cis-Chlordane

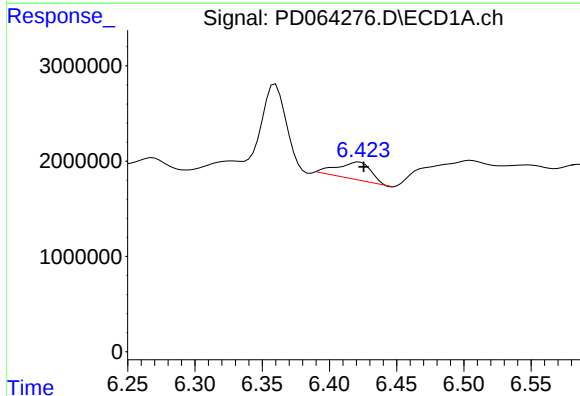
R.T.: 6.268 min  
Delta R.T.: 0.004 min  
Response: 4754492  
Conc: 3.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



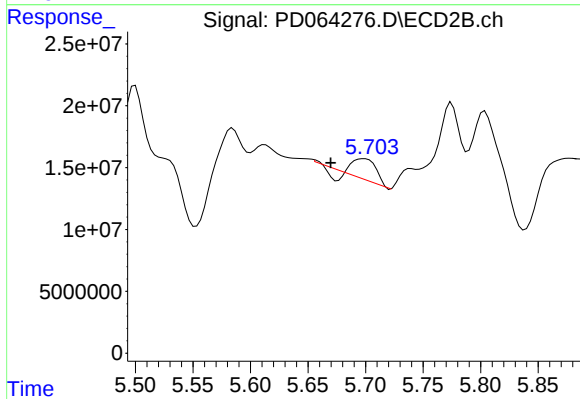
#11 cis-Chlordane

R.T.: 5.500 min  
Delta R.T.: -0.008 min  
Response: 205218654  
Conc: 22.67 ng/ml



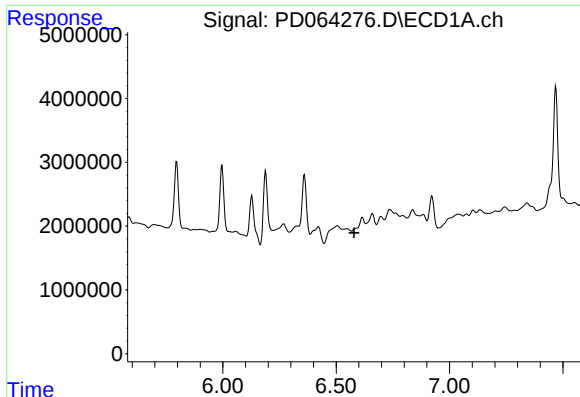
#12 4,4'-DDE

R.T.: 6.422 min  
Delta R.T.: -0.003 min  
Response: 3226823  
Conc: 2.33 ng/ml



#12 4,4'-DDE

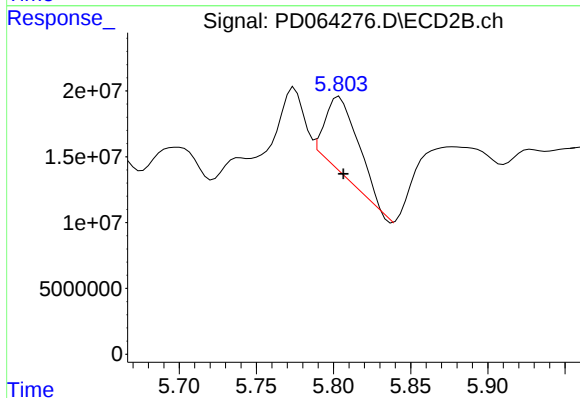
R.T.: 5.699 min  
Delta R.T.: 0.029 min  
Response: 21002385  
Conc: 2.51 ng/ml



#13 Dieldrin

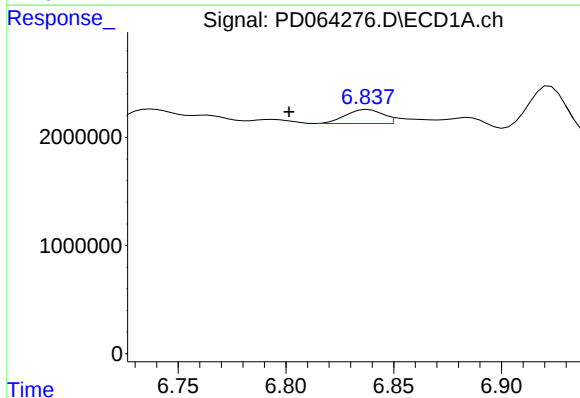
R.T.: 0.000 min  
Exp R.T.: 6.580 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



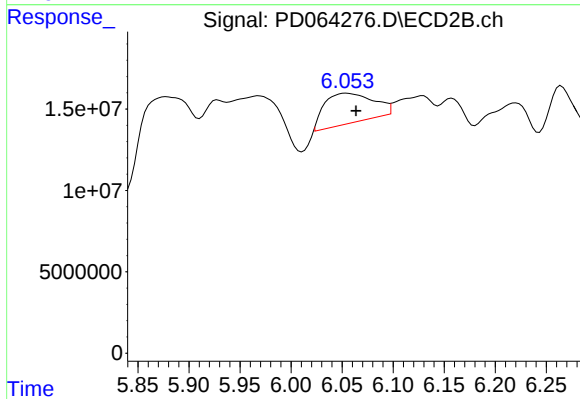
#13 Dieldrin

R.T.: 5.804 min  
Delta R.T.: -0.003 min  
Response: 85517154  
Conc: 10.00 ng/ml



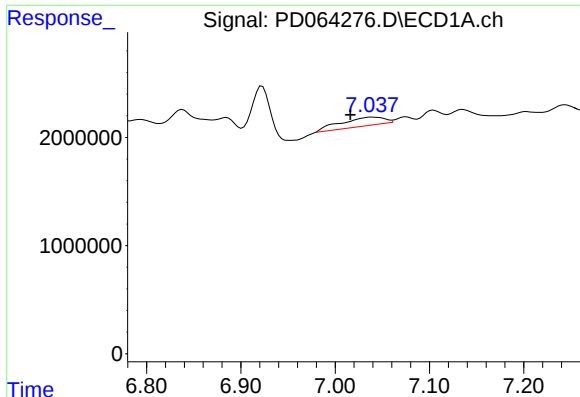
#14 Endrin

R.T.: 6.838 min  
Delta R.T.: 0.037 min  
Response: 1533274  
Conc: 1.30 ng/ml



#14 Endrin

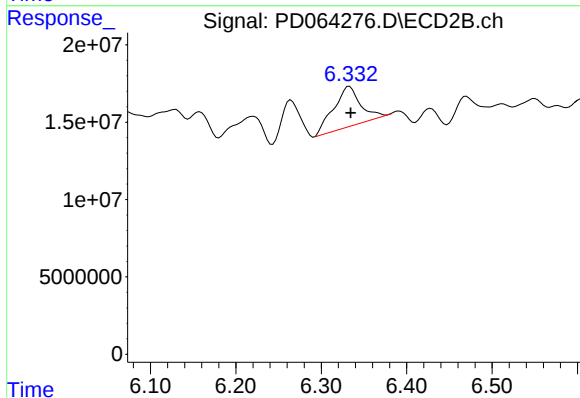
R.T.: 6.054 min  
Delta R.T.: -0.009 min  
Response: 61260219  
Conc: 8.40 ng/ml



#15 Endosulfan II

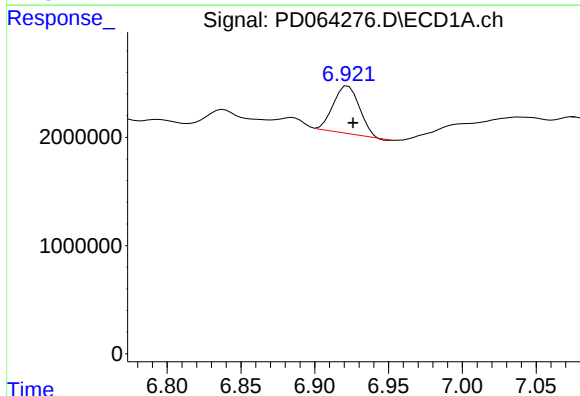
R.T.: 7.039 min  
Delta R.T.: 0.022 min  
Response: 2558859  
Conc: 2.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



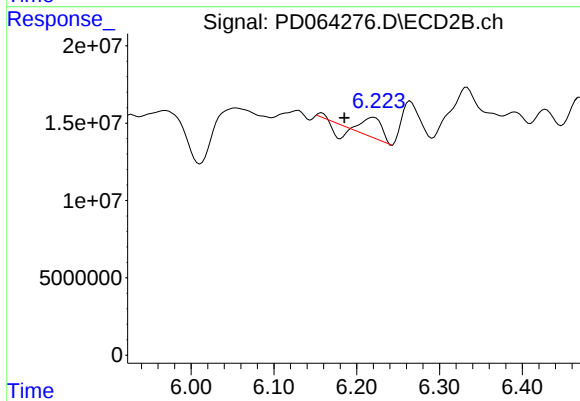
#15 Endosulfan II

R.T.: 6.333 min  
Delta R.T.: -0.002 min  
Response: 56630731  
Conc: 8.71 ng/ml



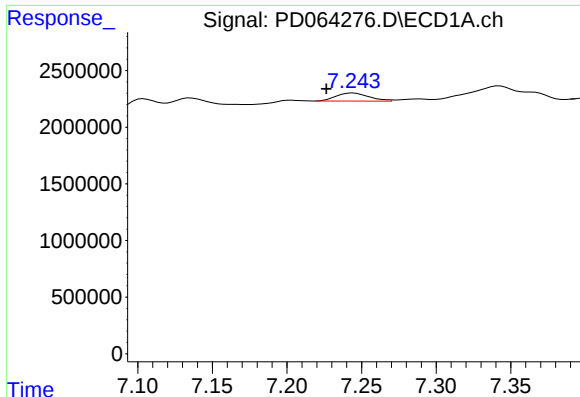
#16 4,4'-DDD

R.T.: 6.923 min  
Delta R.T.: -0.003 min  
Response: 5441022  
Conc: 4.78 ng/ml



#16 4,4'-DDD

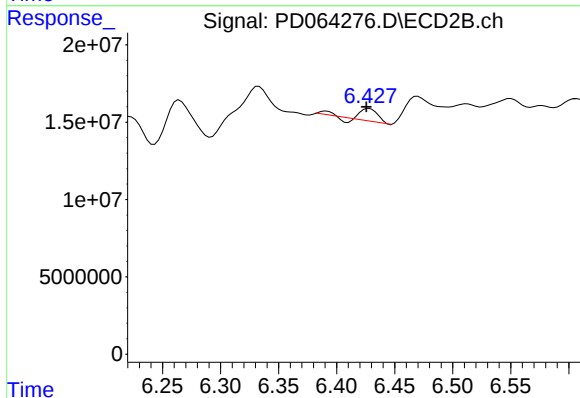
R.T.: 6.220 min  
Delta R.T.: 0.035 min  
Response: 14669474  
Conc: 2.18 ng/ml



#17 4,4'-DDT

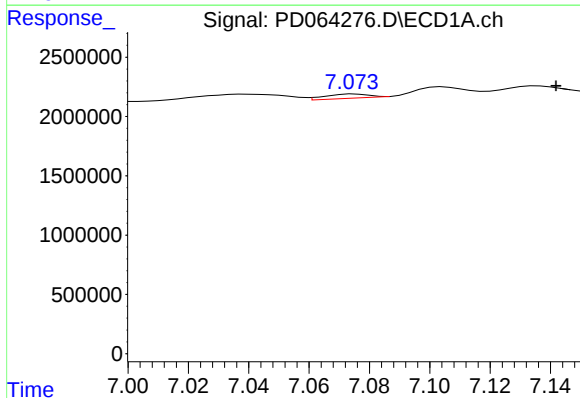
R.T.: 7.245 min  
Delta R.T.: 0.018 min  
Response: 1096350  
Conc: 0.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



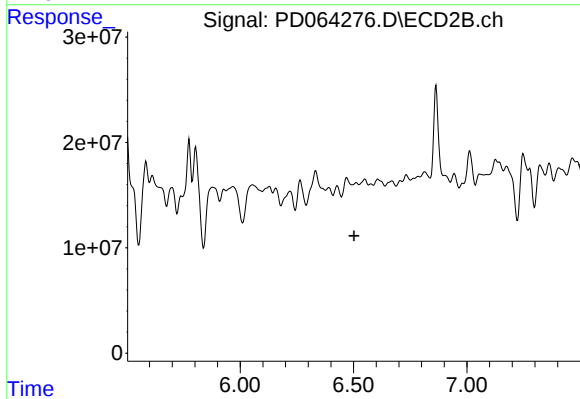
#17 4,4'-DDT

R.T.: 6.428 min  
Delta R.T.: 0.002 min  
Response: 7896150  
Conc: 1.13 ng/ml



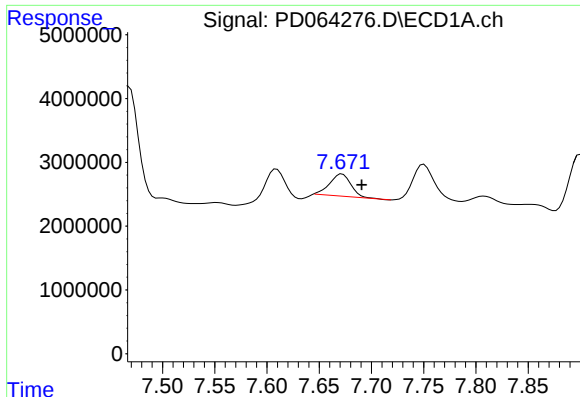
#18 Endrin aldehyde

R.T.: 7.075 min  
Delta R.T.: -0.067 min  
Response: 352876  
Conc: 0.34 ng/ml



#18 Endrin aldehyde

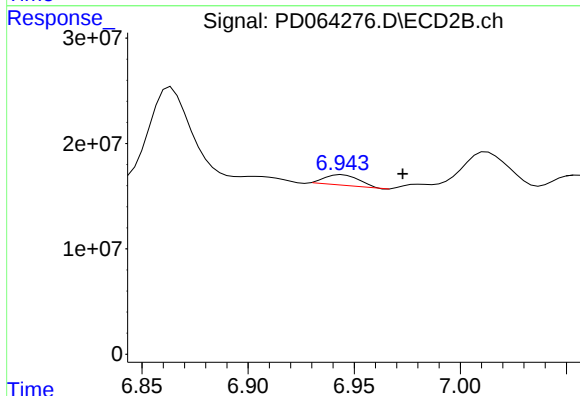
R.T.: 6.512 min  
Delta R.T.: 0.009 min  
Response: -3635785  
Conc: N.D.



#20 Methoxychlor

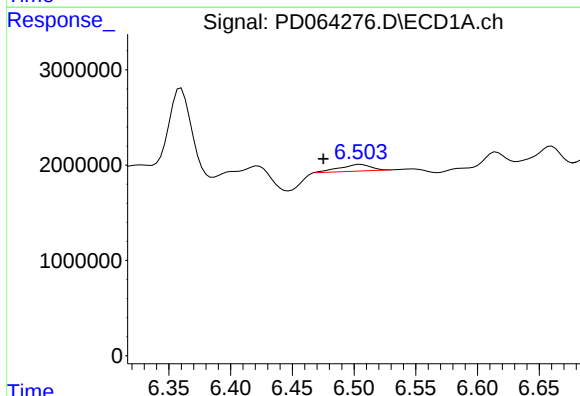
R.T.: 7.672 min  
Delta R.T.: -0.019 min  
Response: 4906469  
Conc: 7.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



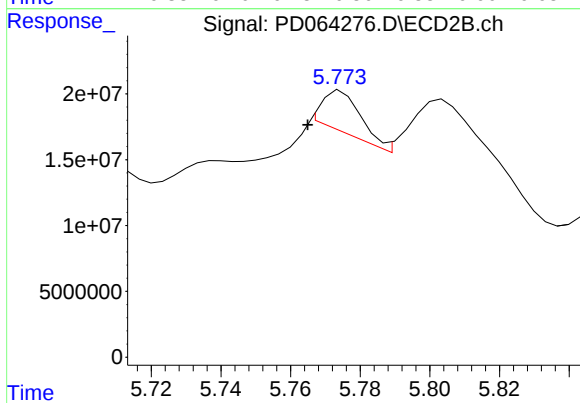
#20 Methoxychlor

R.T.: 6.944 min  
Delta R.T.: -0.028 min  
Response: 11129231  
Conc: 3.61 ng/ml



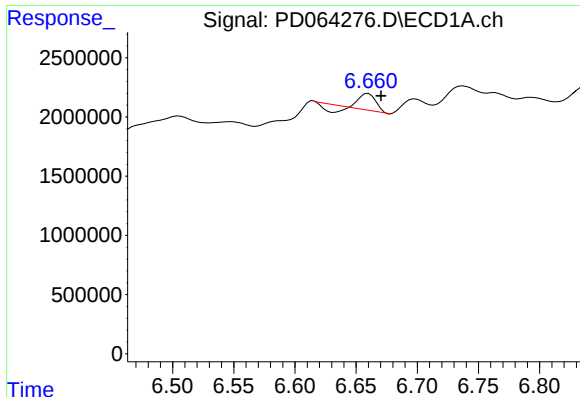
#22 Toxaphene-1

R.T.: 6.505 min  
Delta R.T.: 0.030 min  
Response: 1242682  
Conc: 171.40 ng/ml



#22 Toxaphene-1

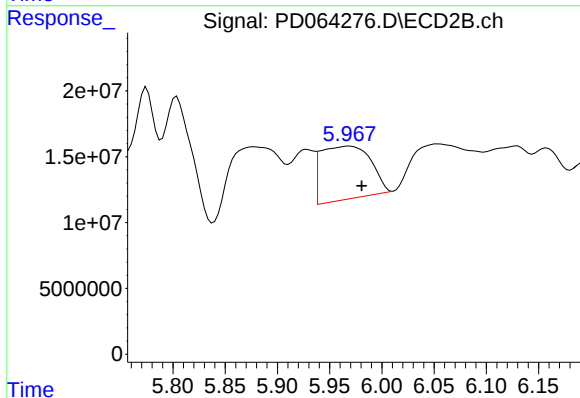
R.T.: 5.775 min  
Delta R.T.: 0.010 min  
Response: 24262054  
Conc: 457.74 ng/ml



#23 Toxaphene-2

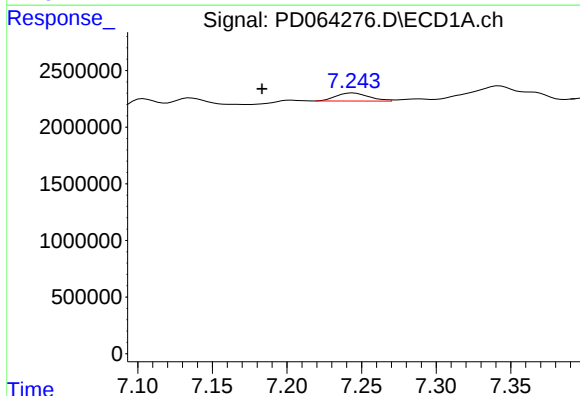
R.T.: 6.660 min  
Delta R.T.: -0.010 min  
Response: 819292  
Conc: 70.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



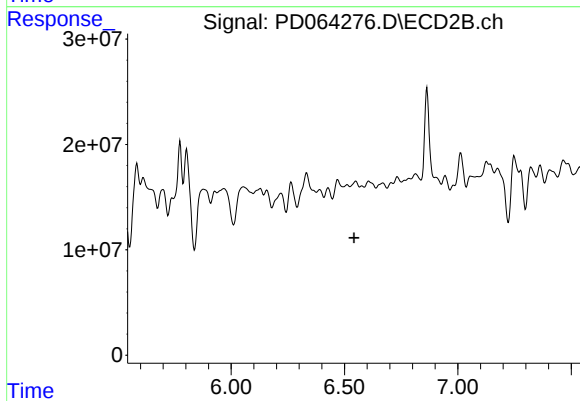
#23 Toxaphene-2

R.T.: 5.969 min  
Delta R.T.: -0.012 min  
Response: 133785071  
Conc: 1439.49 ng/ml



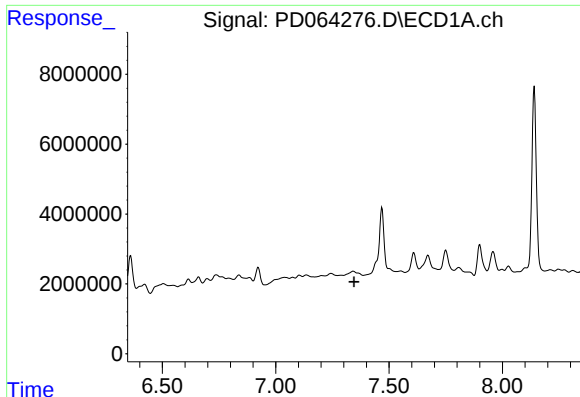
#24 Toxaphene-3

R.T.: 7.245 min  
Delta R.T.: 0.061 min  
Response: 1096350  
Conc: 98.09 ng/ml



#24 Toxaphene-3

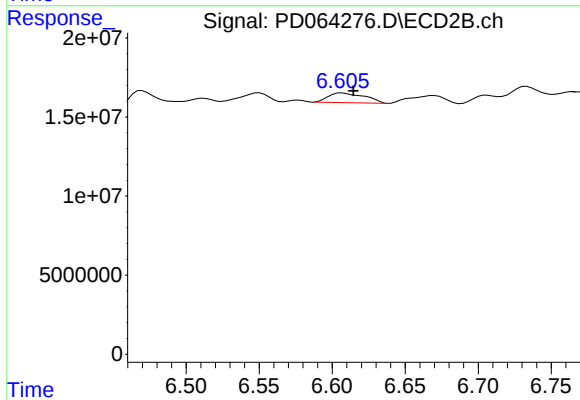
R.T.: 6.512 min  
Delta R.T.: -0.030 min  
Response: -3635785  
Conc: N.D.



#25 Toxaphene-4

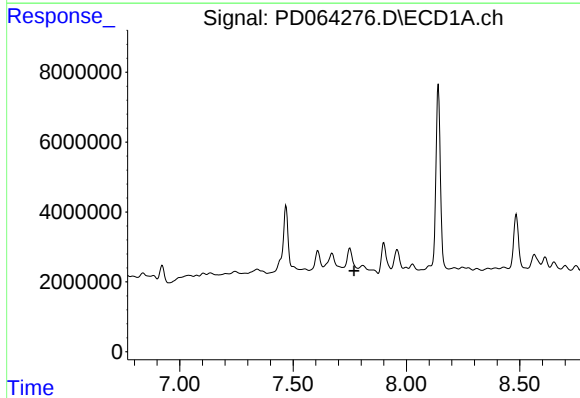
R.T.: 0.000 min  
Exp R.T.: 7.346 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



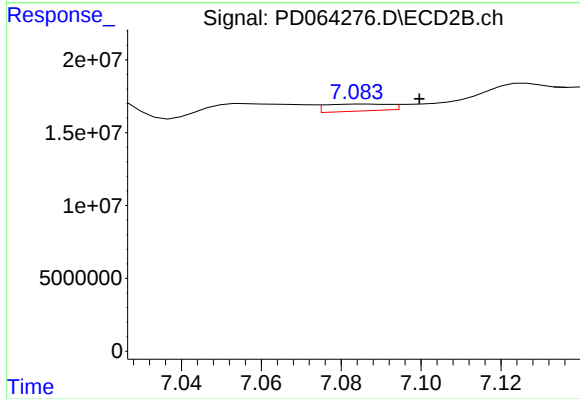
#25 Toxaphene-4

R.T.: 6.607 min  
Delta R.T.: -0.007 min  
Response: 10576350  
Conc: 82.33 ng/ml



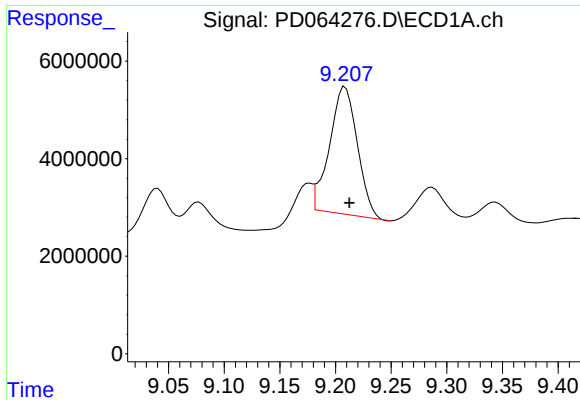
#26 Toxaphene-5

R.T.: 7.808 min  
Delta R.T.: 0.038 min  
Response: -377423  
Conc: N.D.



#26 Toxaphene-5

R.T.: 7.087 min  
Delta R.T.: -0.013 min  
Response: 5307823  
Conc: 42.65 ng/ml



#27 Decachlorobiphenyl

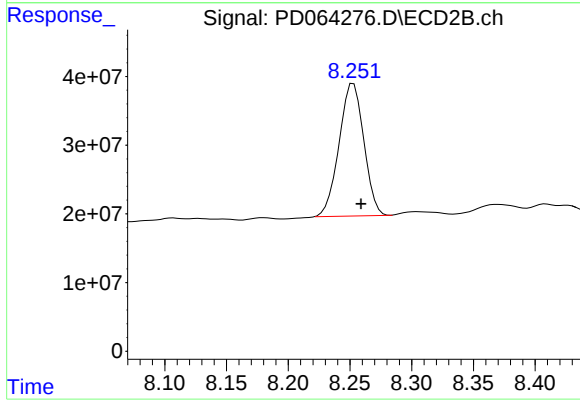
R.T.: 9.209 min

Delta R.T.: -0.004 min

Response: 45503127

Conc: 42.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.253 min

Delta R.T.: -0.006 min

Response: 269090718

Conc: 51.51 ng/ml