

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031422\  
 Data File : PD0684551.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2022 14:18  
 Operator : AR\AJ  
 Sample : N1818-10MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 07:15:39 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031322CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 07:24:04 2022  
 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

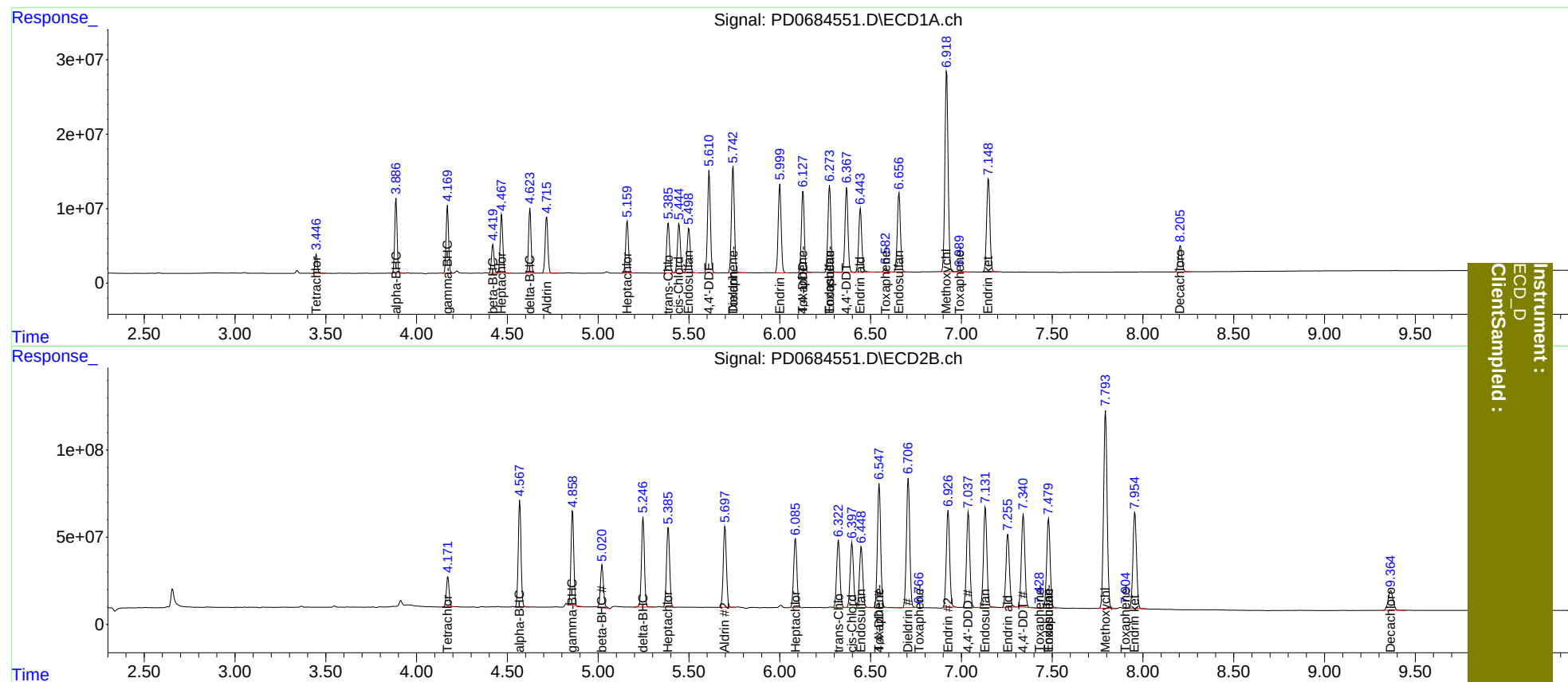
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|-------------|
| -----                       |                 |        |        |          |          |           |             |
| System Monitoring Compounds |                 |        |        |          |          |           |             |
| 1)                          | SA Tetrachlo... | 3.448  | 4.173  | 23124893 | 183.9E6  | 16.981    | 16.799      |
| 27)                         | SA Decachlor... | 8.206  | 9.365  | 47453924 | 212.1E6  | 34.126    | 33.621      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 3.887  | 4.569  | 91149946 | 648.1E6  | 47.616    | 41.452      |
| 3)                          | MA gamma-BHC... | 4.170  | 4.859  | 85341895 | 574.5E6  | 47.015    | 39.625      |
| 4)                          | MA Heptachlor   | 4.469  | 5.386  | 79657365 | 555.8E6  | 44.468    | 40.379      |
| 5)                          | MB Aldrin       | 4.716  | 5.699  | 79123536 | 557.3E6  | 44.989    | 41.298      |
| 6)                          | B beta-BHC      | 4.421  | 5.022  | 37263045 | 281.2E6  | 44.717    | 44.035      |
| 7)                          | B delta-BHC     | 4.625  | 5.248  | 82469217 | 579.3E6  | 46.641    | 40.919      |
| 8)                          | B Heptachlo...  | 5.160  | 6.087  | 75049332 | 497.7E6  | 46.212    | 41.319      |
| 9)                          | A Endosulfan I  | 5.499  | 6.449  | 69822831 | 447.2E6  | 45.352    | 41.093      |
| 10)                         | B trans-Chl...  | 5.386  | 6.323  | 76952477 | 488.8E6  | 46.109    | 41.100      |
| 11)                         | B cis-Chlor...  | 5.446  | 6.398  | 75010309 | 475.3E6  | 45.694    | 41.437      |
| 12)                         | B 4,4'-DDE      | 5.612  | 6.548  | 147.4E6  | 885.1E6  | 99.100    | 86.640      |
| 13)                         | MA Dieldrin     | 5.743  | 6.708  | 160.6E6  | 946.3E6  | 96.130    | 85.168      |
| 14)                         | MA Endrin       | 6.001  | 6.928  | 134.5E6  | 716.8E6  | 95.114    | 84.777      |
| 15)                         | B Endosulfa...  | 6.275  | 7.132  | 135.2E6  | 757.6E6  | 93.193    | 84.660      |
| 16)                         | A 4,4'-DDD      | 6.128  | 7.039  | 122.0E6  | 700.7E6  | 92.849    | 83.510      |
| 17)                         | MA 4,4'-DDT     | 6.369  | 7.341  | 129.8E6  | 709.1E6  | 97.211    | 89.964      |
| 18)                         | B Endrin al...  | 6.444  | 7.256  | 101.3E6  | 567.9E6  | 92.410    | 85.516      |
| 19)                         | B Endosulfa...  | 6.657  | 7.480  | 125.9E6  | 675.1E6  | 90.091    | 82.433      |
| 20)                         | A Methoxychlor  | 6.919  | 7.794  | 330.5E6  | 1528.3E6 | 466.895   | 436.279     |
| 21)                         | B Endrin ke...  | 7.149  | 7.956  | 157.5E6  | 750.2E6  | 98.724    | 87.859      |
| 22)                         | Toxaphene-1     | 5.743f | 6.548f | 160.6E6  | 885.1E6  | 16001.106 | 20801.502 # |
| 23)                         | Toxaphene-2     | 6.128f | 6.767  | 122.0E6  | 185530   | 11380.045 | 1.843 #     |
| 24)                         | Toxaphene-3     | 6.275f | 7.430f | 135.2E6  | 313323   | 5252.610  | 1.411 #     |
| 25)                         | Toxaphene-4     | 6.583  | 7.480  | 6549656  | 675.1E6  | 235.425   | 5053.466 #  |
| 26)                         | Toxaphene-5     | 6.990f | 7.906  | 2164900  | 3364722  | 74.588    | 38.400 #    |
| -----                       |                 |        |        |          |          |           |             |

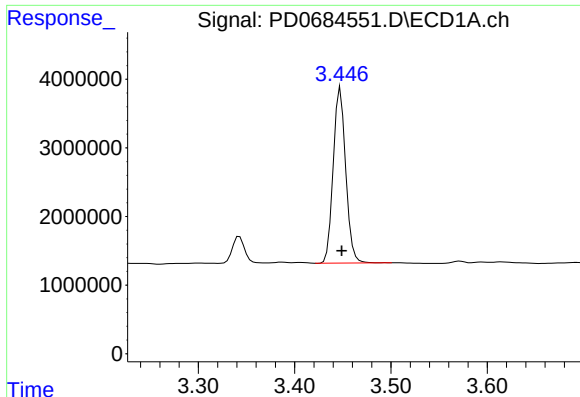
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031422\  
Data File : PD0684551.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2022 14:18  
Operator : AR\AJ  
Sample : N1818-10MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 07:15:39 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031322CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 07:24:04 2022  
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

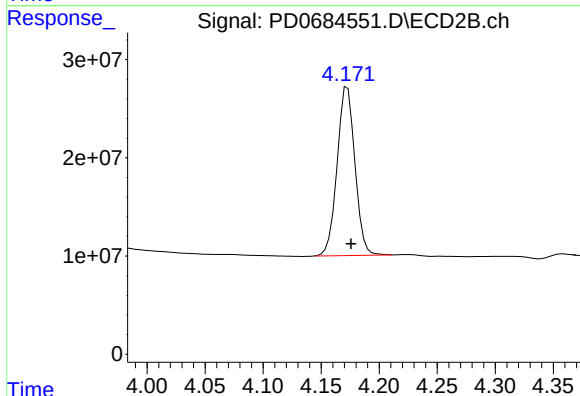




#1 Tetrachloro-m-xylene

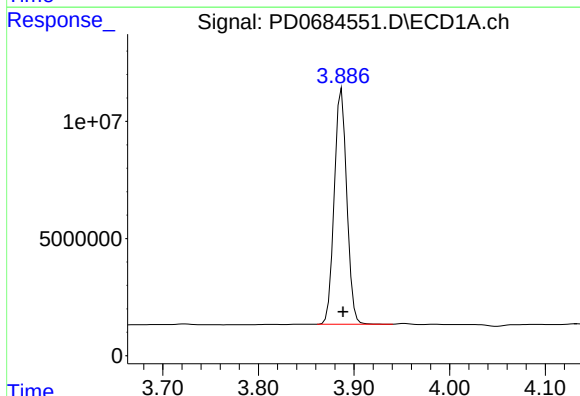
R.T.: 3.448 min  
Delta R.T.: -0.001 min  
Response: 23124893  
Conc: 16.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



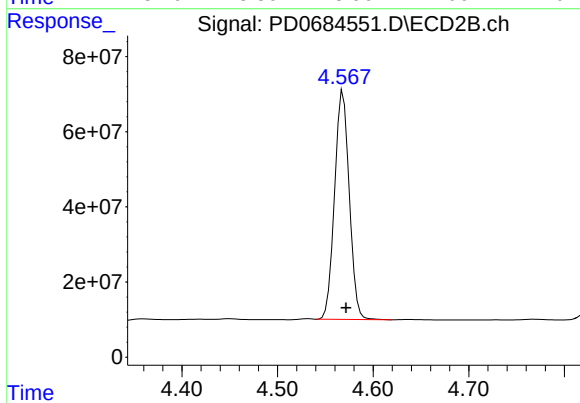
#1 Tetrachloro-m-xylene

R.T.: 4.173 min  
Delta R.T.: -0.003 min  
Response: 183868342  
Conc: 16.80 ng/ml



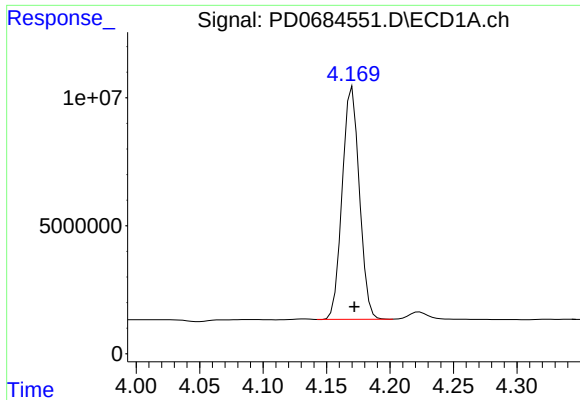
#2 alpha-BHC

R.T.: 3.887 min  
Delta R.T.: -0.001 min  
Response: 91149946  
Conc: 47.62 ng/ml



#2 alpha-BHC

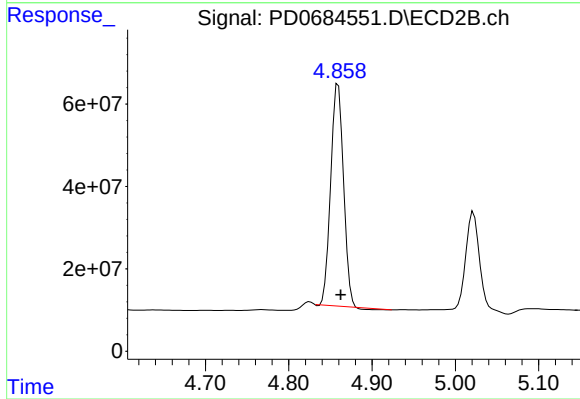
R.T.: 4.569 min  
Delta R.T.: -0.003 min  
Response: 648123156  
Conc: 41.45 ng/ml



#3 gamma-BHC (Lindane)

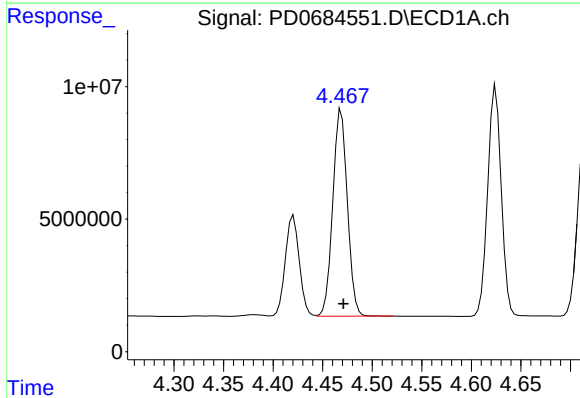
R.T.: 4.170 min  
Delta R.T.: -0.002 min  
Response: 85341895  
Conc: 47.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



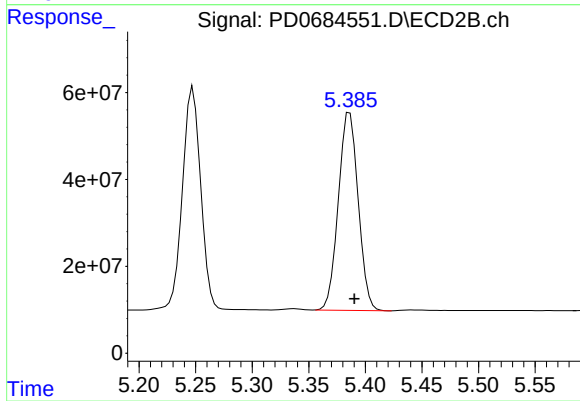
#3 gamma-BHC (Lindane)

R.T.: 4.859 min  
Delta R.T.: -0.003 min  
Response: 574495362  
Conc: 39.62 ng/ml



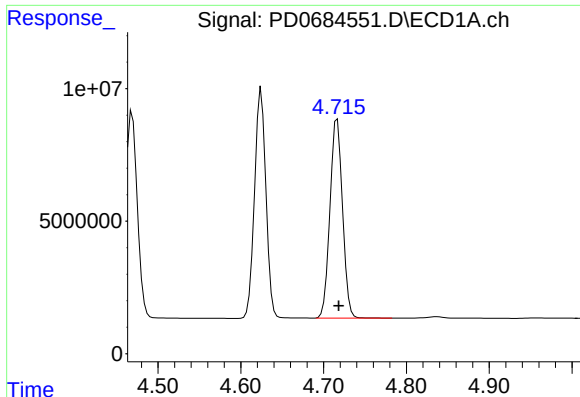
#4 Heptachlor

R.T.: 4.469 min  
Delta R.T.: -0.002 min  
Response: 79657365  
Conc: 44.47 ng/ml



#4 Heptachlor

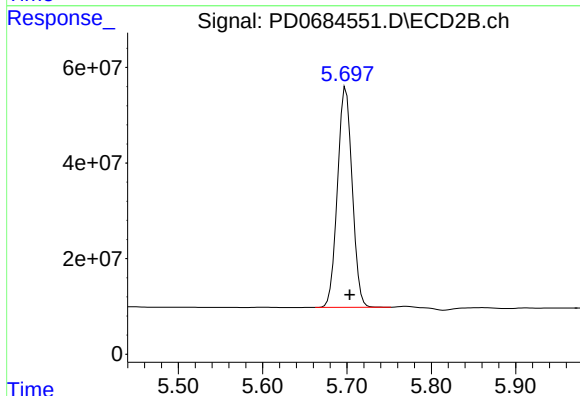
R.T.: 5.386 min  
Delta R.T.: -0.004 min  
Response: 555769323  
Conc: 40.38 ng/ml



#5 Aldrin

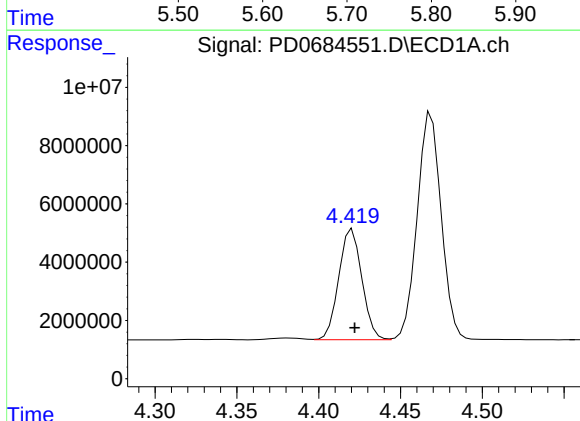
R.T.: 4.716 min  
Delta R.T.: -0.002 min  
Response: 79123536  
Conc: 44.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



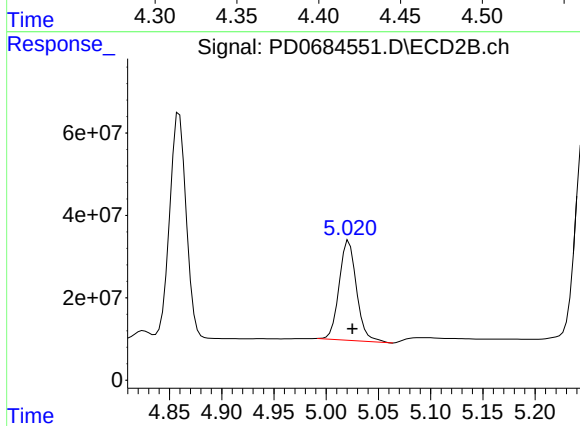
#5 Aldrin

R.T.: 5.699 min  
Delta R.T.: -0.005 min  
Response: 557287465  
Conc: 41.30 ng/ml



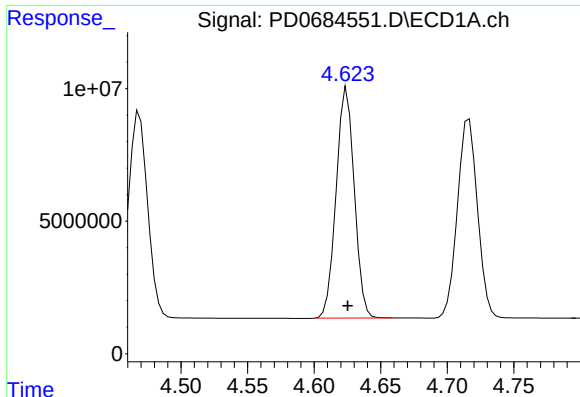
#6 beta-BHC

R.T.: 4.421 min  
Delta R.T.: -0.002 min  
Response: 37263045  
Conc: 44.72 ng/ml



#6 beta-BHC

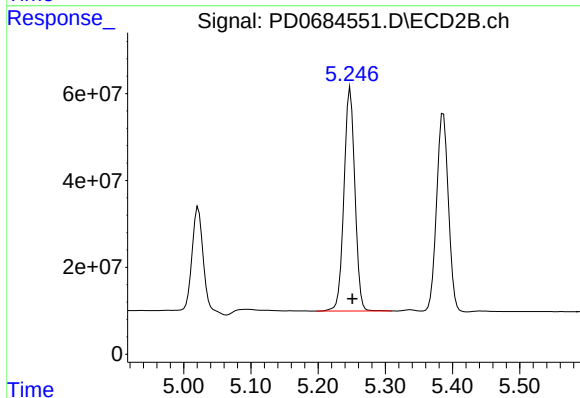
R.T.: 5.022 min  
Delta R.T.: -0.003 min  
Response: 281239898  
Conc: 44.03 ng/ml



#7 delta-BHC

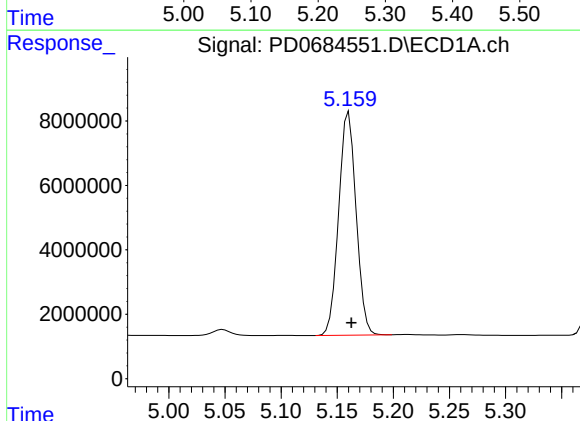
R.T.: 4.625 min  
Delta R.T.: 0.000 min  
Response: 82469217  
Conc: 46.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



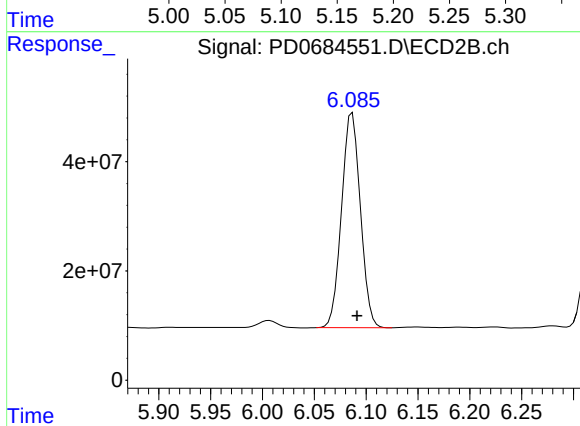
#7 delta-BHC

R.T.: 5.248 min  
Delta R.T.: -0.003 min  
Response: 579255854  
Conc: 40.92 ng/ml



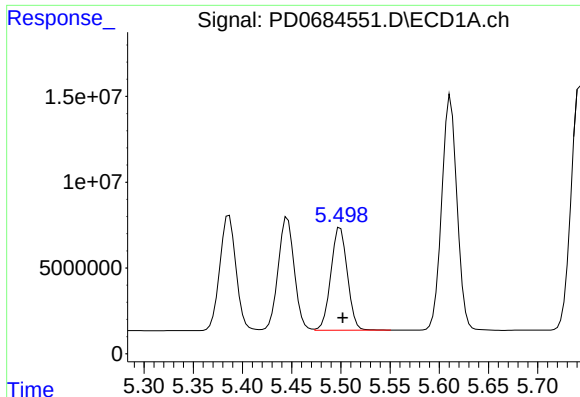
#8 Heptachlor epoxide

R.T.: 5.160 min  
Delta R.T.: -0.002 min  
Response: 75049332  
Conc: 46.21 ng/ml



#8 Heptachlor epoxide

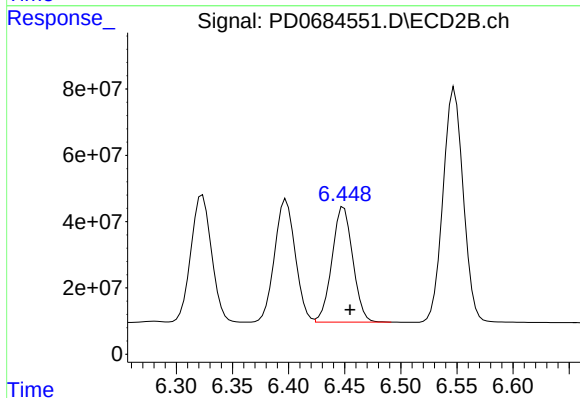
R.T.: 6.087 min  
Delta R.T.: -0.005 min  
Response: 497679982  
Conc: 41.32 ng/ml



#9 Endosulfan I

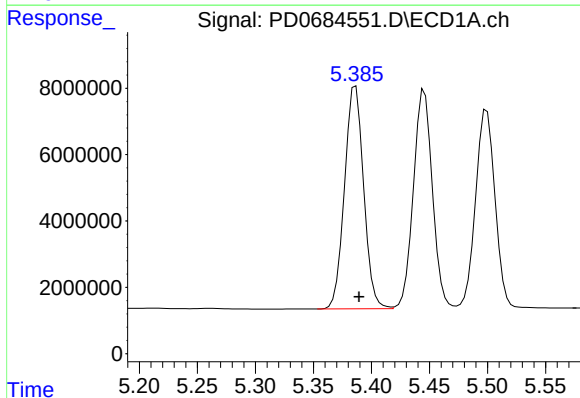
R.T.: 5.499 min  
Delta R.T.: -0.002 min  
Response: 69822831  
Conc: 45.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



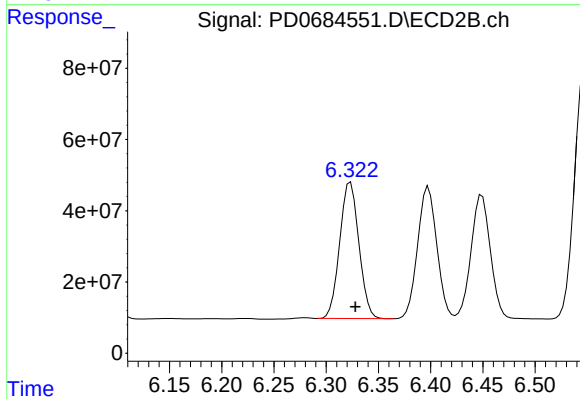
#9 Endosulfan I

R.T.: 6.449 min  
Delta R.T.: -0.006 min  
Response: 447220060  
Conc: 41.09 ng/ml



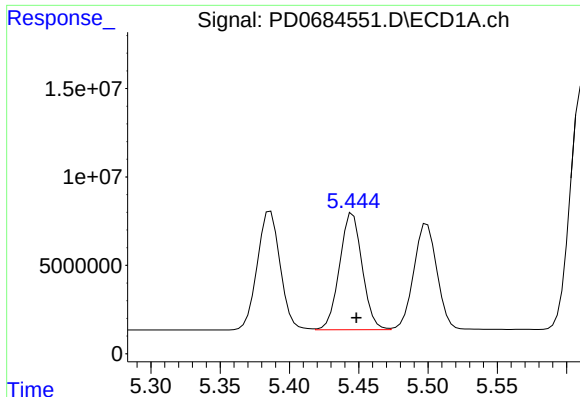
#10 trans-Chlordane

R.T.: 5.386 min  
Delta R.T.: -0.003 min  
Response: 76952477  
Conc: 46.11 ng/ml



#10 trans-Chlordane

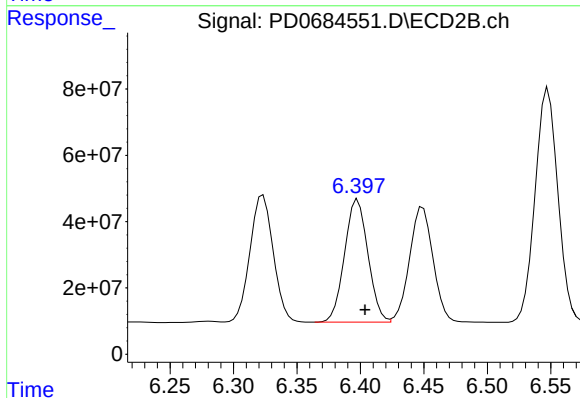
R.T.: 6.323 min  
Delta R.T.: -0.005 min  
Response: 488808712  
Conc: 41.10 ng/ml



#11 cis-Chlordane

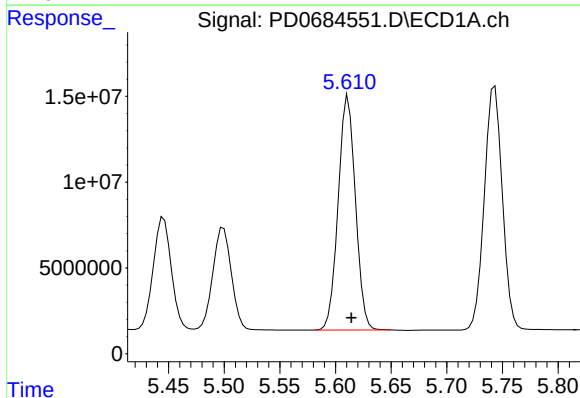
R.T.: 5.446 min  
Delta R.T.: -0.003 min  
Response: 75010309  
Conc: 45.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



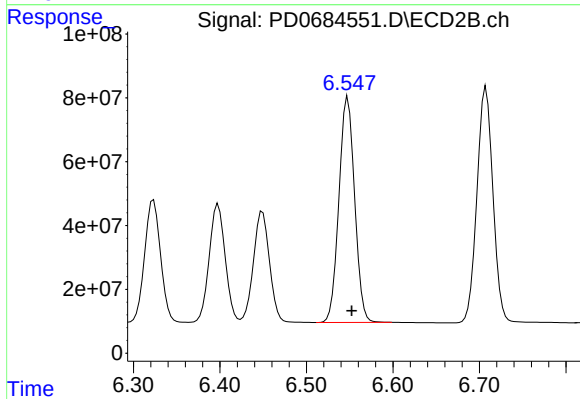
#11 cis-Chlordane

R.T.: 6.398 min  
Delta R.T.: -0.006 min  
Response: 475258172  
Conc: 41.44 ng/ml



#12 4,4'-DDE

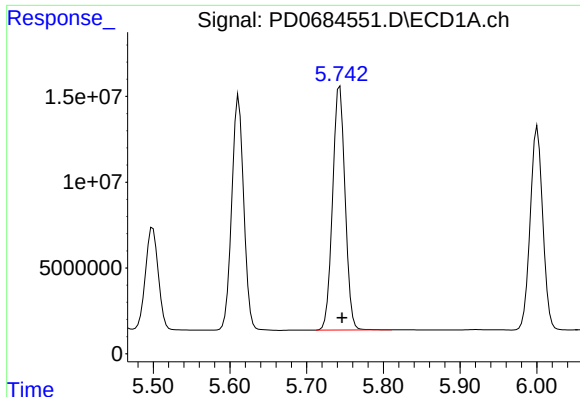
R.T.: 5.612 min  
Delta R.T.: -0.003 min  
Response: 147412555  
Conc: 99.10 ng/ml



#12 4,4'-DDE

R.T.: 6.548 min  
Delta R.T.: -0.005 min  
Response: 885144306  
Conc: 86.64 ng/ml

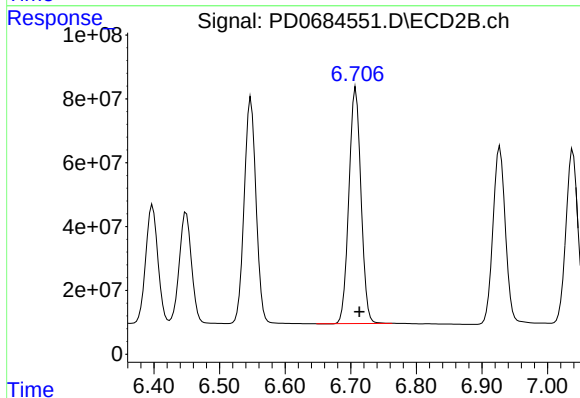




#13 Dieldrin

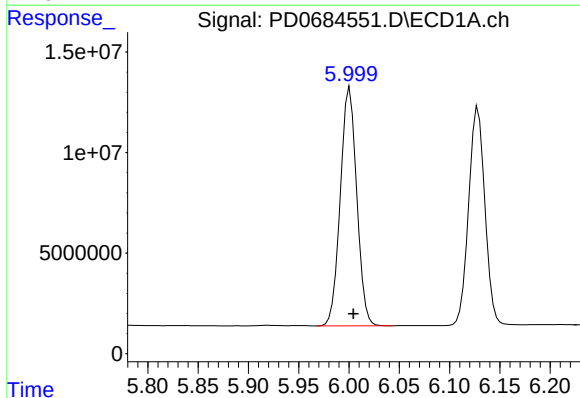
R.T.: 5.743 min  
Delta R.T.: -0.003 min  
Response: 160578692  
Conc: 96.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



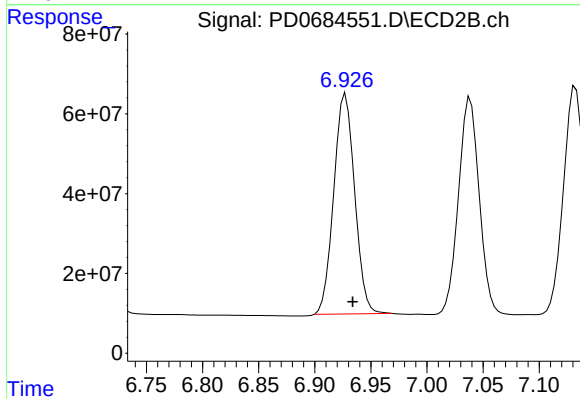
#13 Dieldrin

R.T.: 6.708 min  
Delta R.T.: -0.005 min  
Response: 946331799  
Conc: 85.17 ng/ml



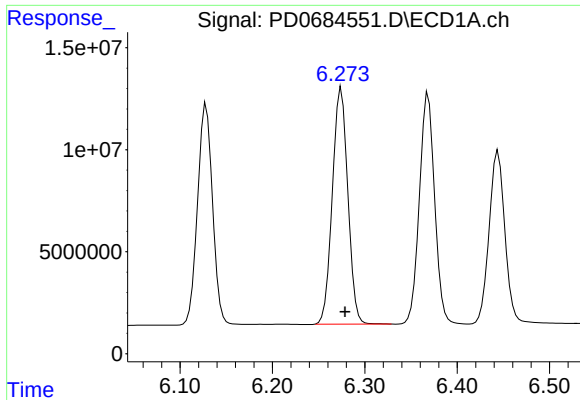
#14 Endrin

R.T.: 6.001 min  
Delta R.T.: -0.003 min  
Response: 134470572  
Conc: 95.11 ng/ml



#14 Endrin

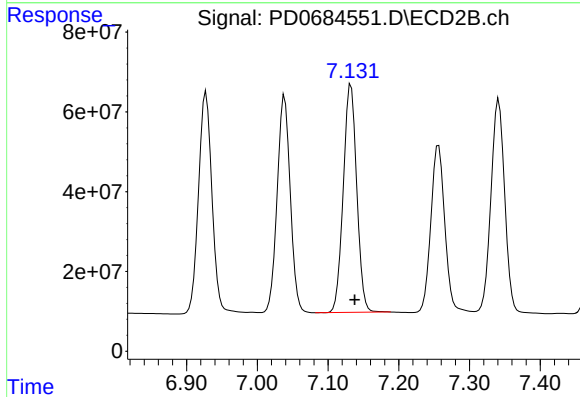
R.T.: 6.928 min  
Delta R.T.: -0.006 min  
Response: 716765240  
Conc: 84.78 ng/ml



#15 Endosulfan II

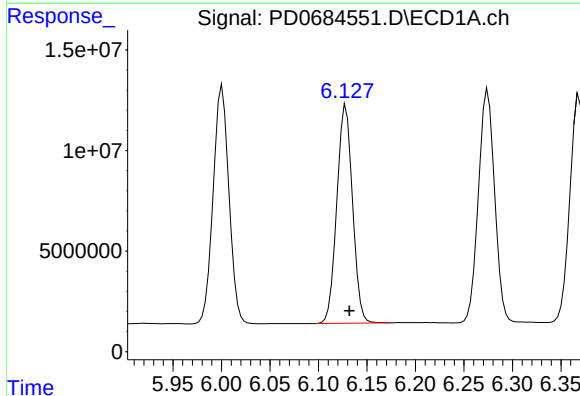
R.T.: 6.275 min  
Delta R.T.: -0.004 min  
Response: 135173436  
Conc: 93.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



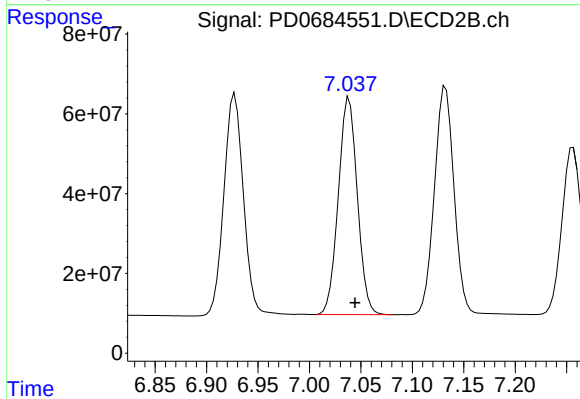
#15 Endosulfan II

R.T.: 7.132 min  
Delta R.T.: -0.006 min  
Response: 757596290  
Conc: 84.66 ng/ml



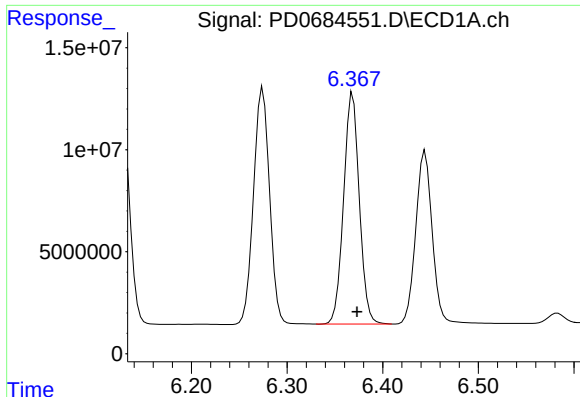
#16 4,4'-DDD

R.T.: 6.128 min  
Delta R.T.: -0.004 min  
Response: 122042721  
Conc: 92.85 ng/ml



#16 4,4'-DDD

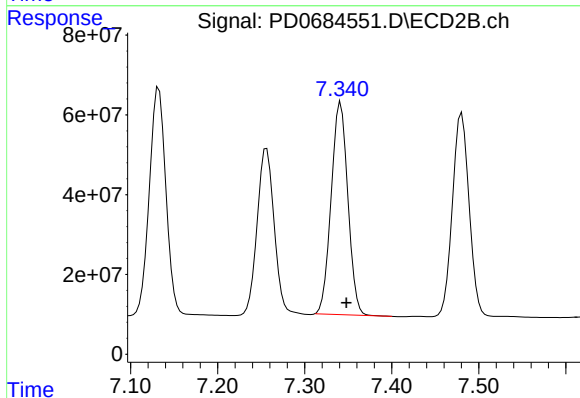
R.T.: 7.039 min  
Delta R.T.: -0.006 min  
Response: 700678502  
Conc: 83.51 ng/ml



#17 4,4'-DDT

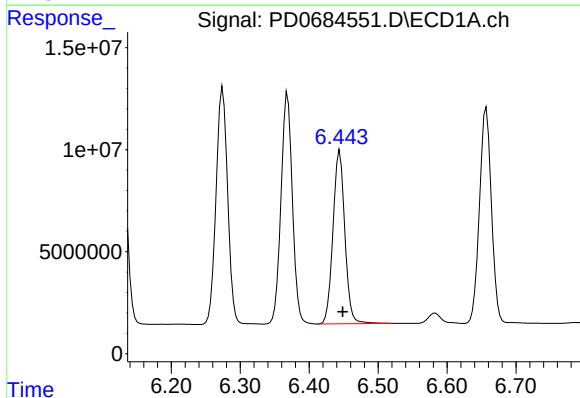
R.T.: 6.369 min  
Delta R.T.: -0.004 min  
Response: 129815341  
Conc: 97.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



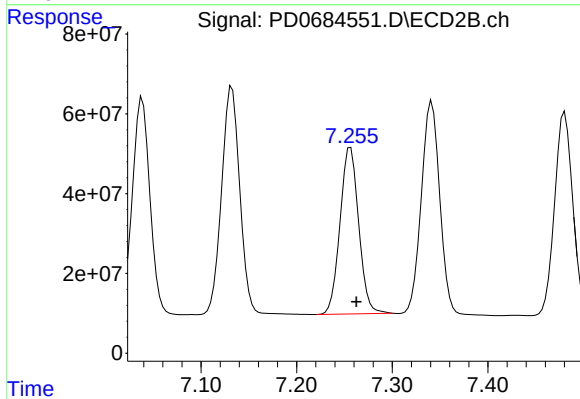
#17 4,4'-DDT

R.T.: 7.341 min  
Delta R.T.: -0.006 min  
Response: 709052050  
Conc: 89.96 ng/ml



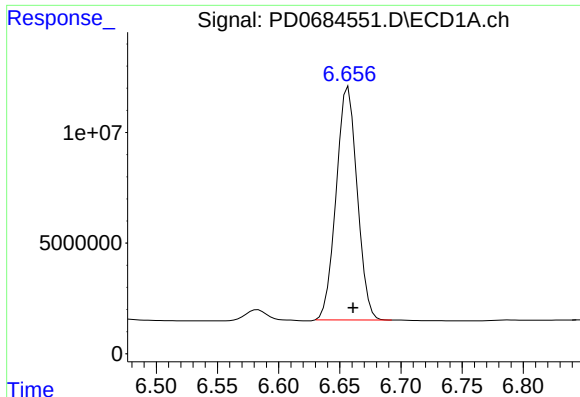
#18 Endrin aldehyde

R.T.: 6.444 min  
Delta R.T.: -0.004 min  
Response: 101339051  
Conc: 92.41 ng/ml



#18 Endrin aldehyde

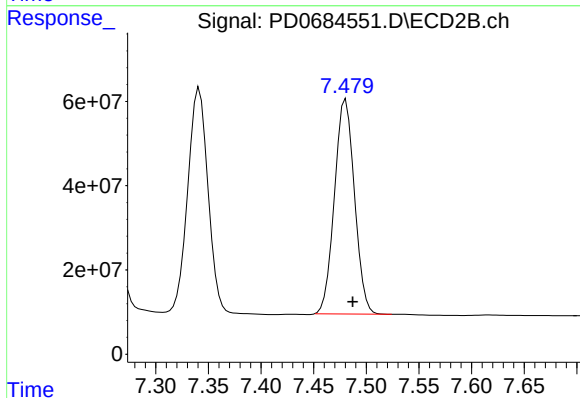
R.T.: 7.256 min  
Delta R.T.: -0.006 min  
Response: 567856597  
Conc: 85.52 ng/ml



#19 Endosulfan Sulfate

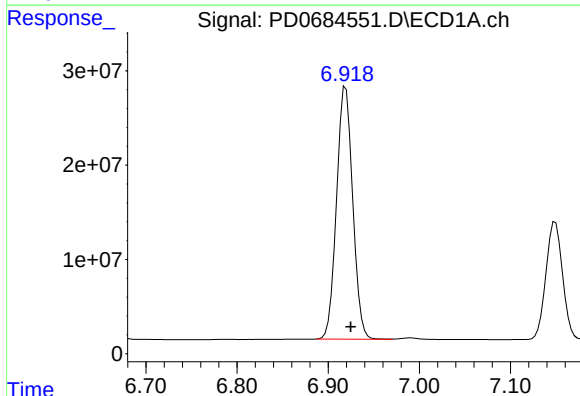
R.T.: 6.657 min  
Delta R.T.: -0.004 min  
Response: 125910985  
Conc: 90.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



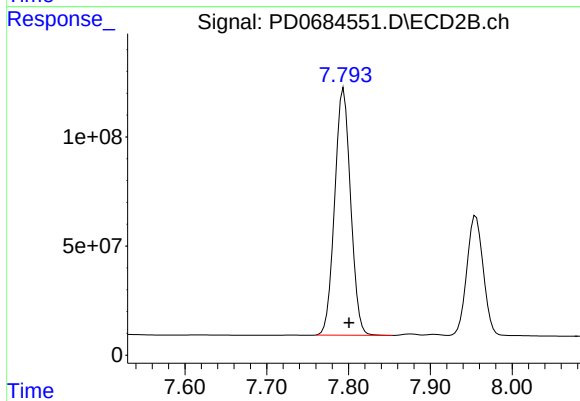
#19 Endosulfan Sulfate

R.T.: 7.480 min  
Delta R.T.: -0.007 min  
Response: 675145325  
Conc: 82.43 ng/ml



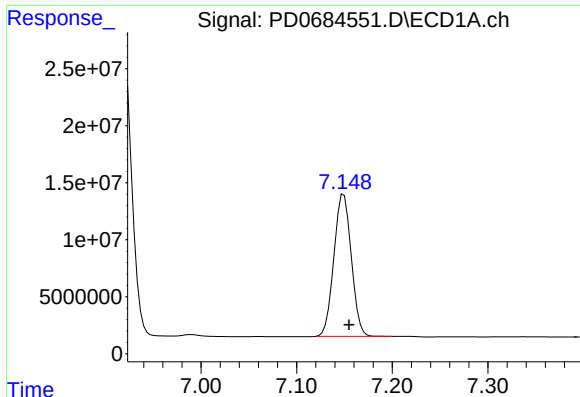
#20 Methoxychlor

R.T.: 6.919 min  
Delta R.T.: -0.006 min  
Response: 330479004  
Conc: 466.89 ng/ml



#20 Methoxychlor

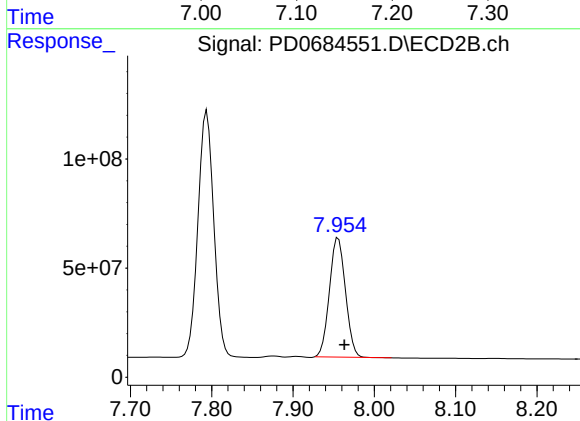
R.T.: 7.794 min  
Delta R.T.: -0.006 min  
Response: 1528322149  
Conc: 436.28 ng/ml



#21 Endrin ketone

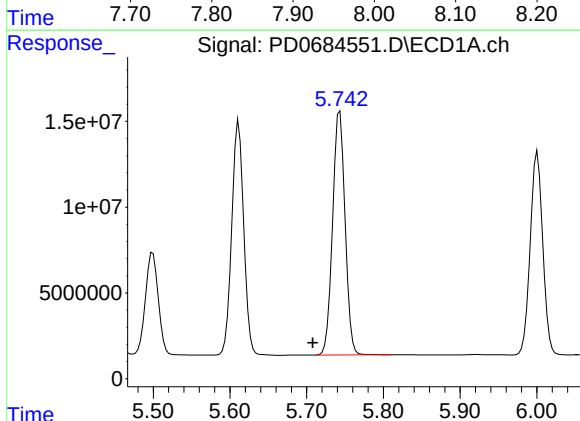
R.T.: 7.149 min  
Delta R.T.: -0.006 min  
Response: 157521973  
Conc: 98.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



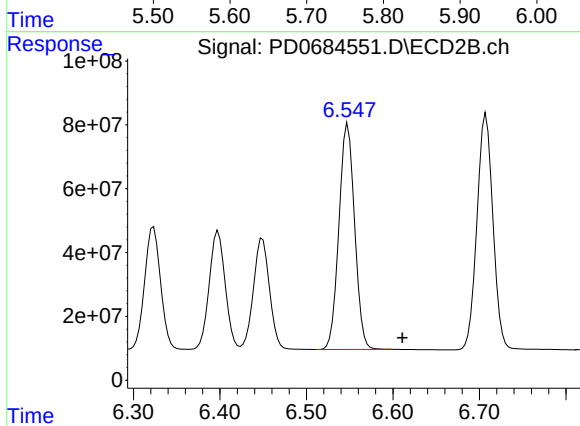
#21 Endrin ketone

R.T.: 7.956 min  
Delta R.T.: -0.007 min  
Response: 750191681  
Conc: 87.86 ng/ml



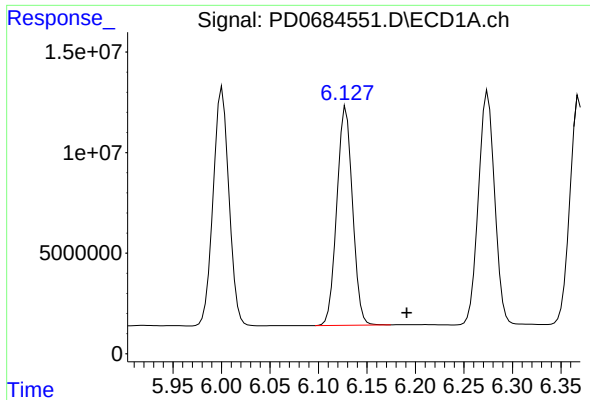
#22 Toxaphene-1

R.T.: 5.743 min  
Delta R.T.: 0.035 min  
Response: 160578692  
Conc: 16001.11 ng/ml



#22 Toxaphene-1

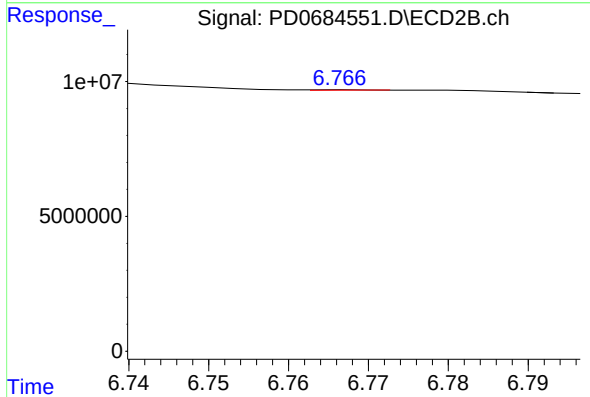
R.T.: 6.548 min  
Delta R.T.: -0.063 min  
Response: 885144306  
Conc: 20801.50 ng/ml



#23 Toxaphene-2

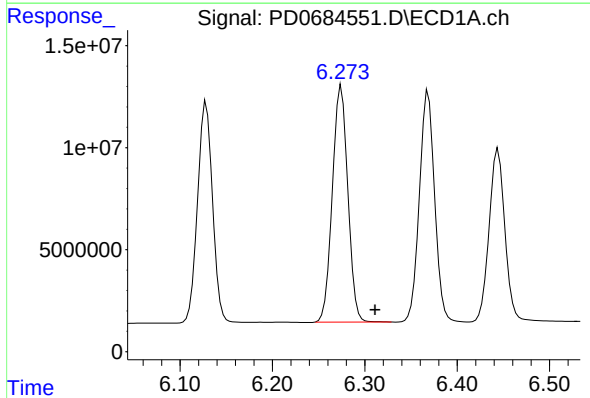
R.T.: 6.128 min  
Delta R.T.: -0.063 min  
Response: 122042721  
Conc: 11380.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



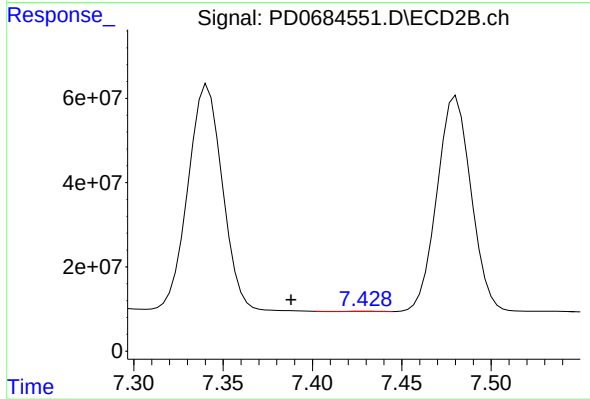
#23 Toxaphene-2

R.T.: 6.767 min  
Delta R.T.: -0.032 min  
Response: 185530  
Conc: 1.84 ng/ml



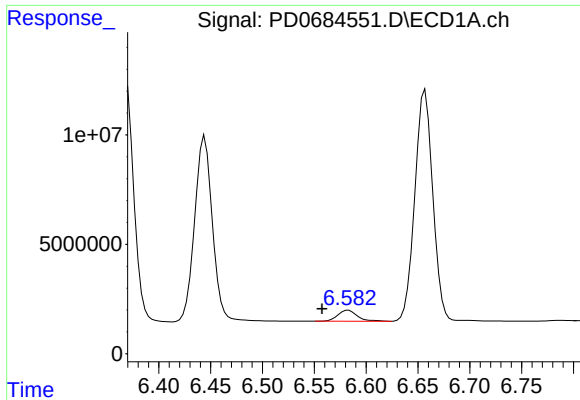
#24 Toxaphene-3

R.T.: 6.275 min  
Delta R.T.: -0.036 min  
Response: 135173436  
Conc: 5252.61 ng/ml



#24 Toxaphene-3

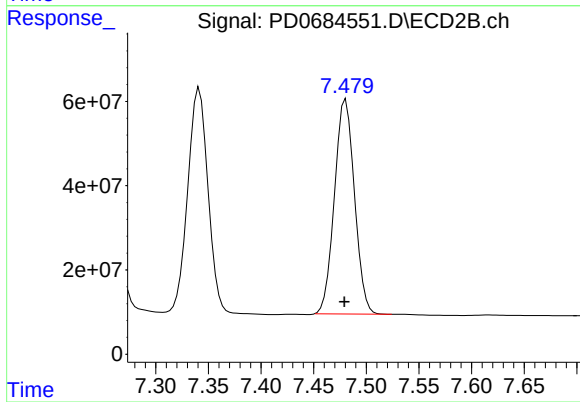
R.T.: 7.430 min  
Delta R.T.: 0.041 min  
Response: 313323  
Conc: 1.41 ng/ml



#25 Toxaphene-4

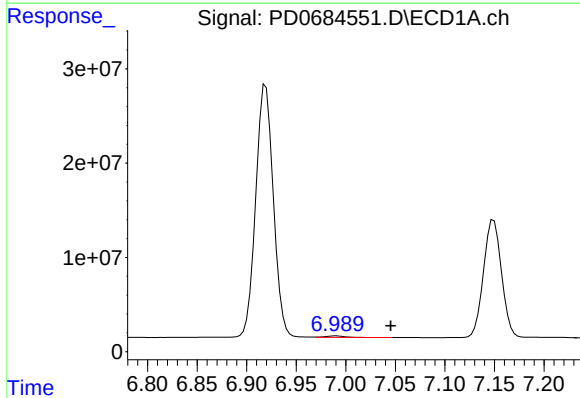
R.T.: 6.583 min  
Delta R.T.: 0.025 min  
Response: 6549656  
Conc: 235.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



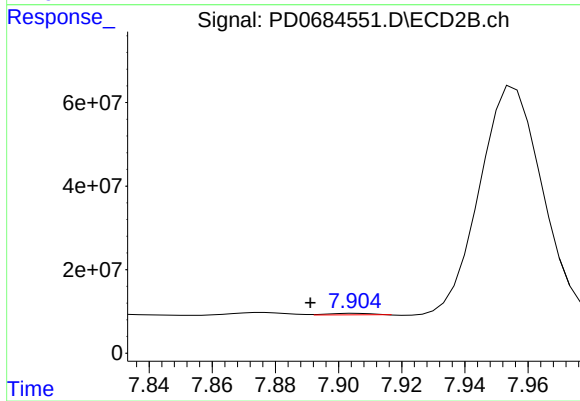
#25 Toxaphene-4

R.T.: 7.480 min  
Delta R.T.: 0.001 min  
Response: 675145325  
Conc: 5053.47 ng/ml



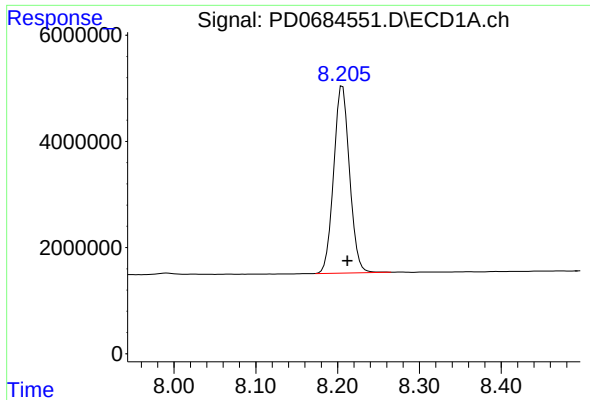
#26 Toxaphene-5

R.T.: 6.990 min  
Delta R.T.: -0.055 min  
Response: 2164900  
Conc: 74.59 ng/ml



#26 Toxaphene-5

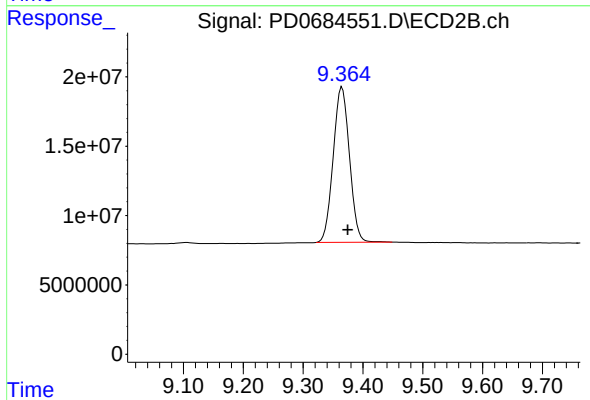
R.T.: 7.906 min  
Delta R.T.: 0.015 min  
Response: 3364722  
Conc: 38.40 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.206 min  
Delta R.T.: -0.006 min  
Response: 47453924  
Conc: 34.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.365 min  
Delta R.T.: -0.010 min  
Response: 212052156  
Conc: 33.62 ng/ml