

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071423\  
 Data File : PD076733.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jul 2023 05:12  
 Operator : AR\AJ  
 Sample : 03444-09MSD  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 15 06:52:52 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071423CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 14:58:34 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

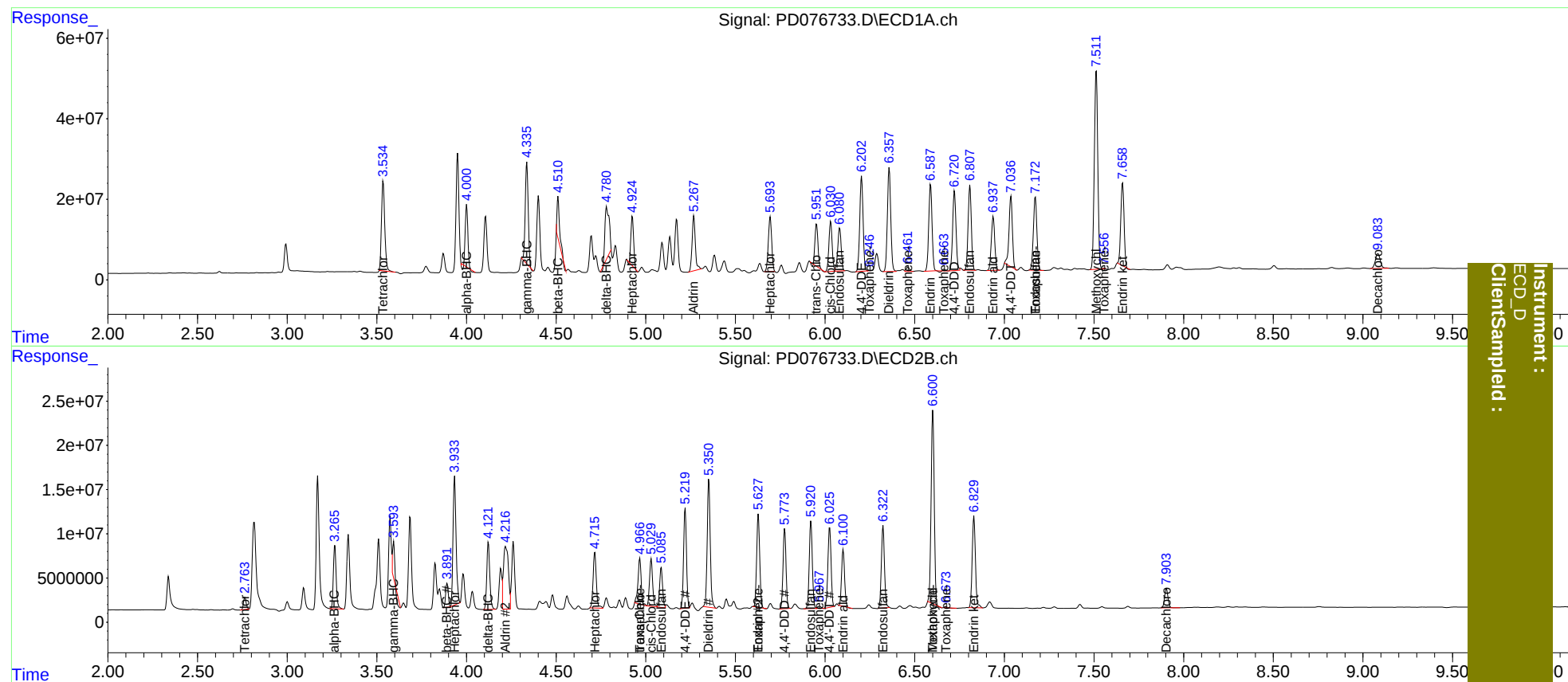
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-------------|
| -----                       |                 |        |        |          |          |          |             |
| System Monitoring Compounds |                 |        |        |          |          |          |             |
| 1)                          | SA Tetrachlo... | 3.535  | 2.764  | 282.7E6  | 13830454 | 132.894  | 12.957 #    |
| 27)                         | SA Decachlor... | 9.084  | 7.904  | 70089493 | 29317886 | 28.849   | 27.349      |
| Target Compounds            |                 |        |        |          |          |          |             |
| 2)                          | A alpha-BHC     | 4.001  | 3.266  | 142.3E6  | 78460084 | 40.136   | 49.584      |
| 3)                          | MA gamma-BHC... | 4.337  | 3.594  | 290.1E6  | 24156431 | 87.472   | 16.124 #    |
| 4)                          | MA Heptachlor   | 4.925  | 3.934  | 131.7E6  | 169.6E6  | 37.879   | 113.403 #   |
| 5)                          | MB Aldrin       | 5.268  | 4.218  | 171.4E6  | 136.8E6  | 50.124   | 90.930 #    |
| 6)                          | B beta-BHC      | 4.511f | 3.892  | 100.4E6  | 27063565 | 66.026   | 37.778 #    |
| 7)                          | B delta-BHC     | 4.781  | 4.122  | 210.9E6  | 88490610 | 62.884   | 57.977      |
| 8)                          | B Heptachlo...  | 5.694  | 4.716  | 176.9E6  | 78392672 | 59.054   | 55.721      |
| 9)                          | A Endosulfan I  | 6.082  | 5.086  | 141.2E6  | 52057176 | 49.579   | 42.016      |
| 10)                         | B trans-Chl...  | 5.952  | 4.967  | 117.9E6  | 62824625 | 38.359   | 46.460      |
| 11)                         | B cis-Chlor...  | 6.032  | 5.030  | 157.3E6  | 64393961 | 49.627   | 45.643      |
| 12)                         | B 4,4'-DDE      | 6.204  | 5.220  | 304.3E6  | 127.0E6  | 104.433  | 105.116     |
| 13)                         | MA Dieldrin     | 6.358  | 5.352  | 335.8E6  | 171.3E6  | 106.438  | 122.835     |
| 14)                         | MA Endrin       | 6.589  | 5.628  | 276.9E6  | 124.3E6  | 107.428  | 100.499     |
| 15)                         | B Endosulfa...  | 6.808  | 5.921  | 260.8E6  | 118.0E6  | 98.106   | 98.116      |
| 16)                         | A 4,4'-DDD      | 6.722  | 5.775  | 256.0E6  | 103.1E6  | 113.299  | 108.772     |
| 17)                         | MA 4,4'-DDT     | 7.037  | 6.026  | 228.9E6  | 112.3E6  | 102.506  | 119.856     |
| 18)                         | B Endrin al...  | 6.938  | 6.101  | 177.9E6  | 72907560 | 95.124   | 86.918      |
| 19)                         | B Endosulfa...  | 7.173  | 6.324  | 246.0E6  | 111.4E6  | 98.514   | 99.888      |
| 20)                         | A Methoxychlor  | 7.513  | 6.601  | 662.4E6  | 263.6E6  | 500.425  | 493.890     |
| 21)                         | B Endrin ke...  | 7.660  | 6.831  | 258.9E6  | 128.7E6  | 93.520   | 100.594     |
| 22)                         | Toxaphene-1     | 6.248  | 4.967  | 730975   | 62824625 | 32.903   | 8538.979 #  |
| 23)                         | Toxaphene-2     | 6.462  | 5.628f | 14645327 | 124.3E6  | 531.106  | 15660.370 # |
| 24)                         | Toxaphene-3     | 6.664  | 5.969  | 1349136  | 3347961  | 69.674   | 365.133 #   |
| 25)                         | Toxaphene-4     | 7.173  | 6.601  | 246.0E6  | 263.6E6  | 4102.472 | 10505.159 # |
| 26)                         | Toxaphene-5     | 7.557  | 6.674f | 861547   | 659945   | 19.841   | 17.823      |
| -----                       |                 |        |        |          |          |          |             |

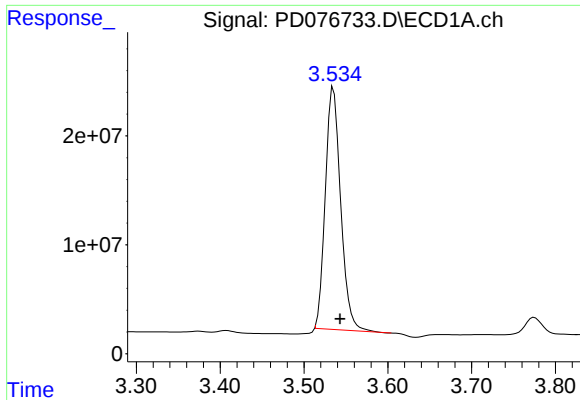
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071423\  
Data File : PD076733.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jul 2023 05:12  
Operator : AR\AJ  
Sample : 03444-09MSD  
Misc :  
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
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Quant Time: Jul 15 06:52:52 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071423CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 14:58:34 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

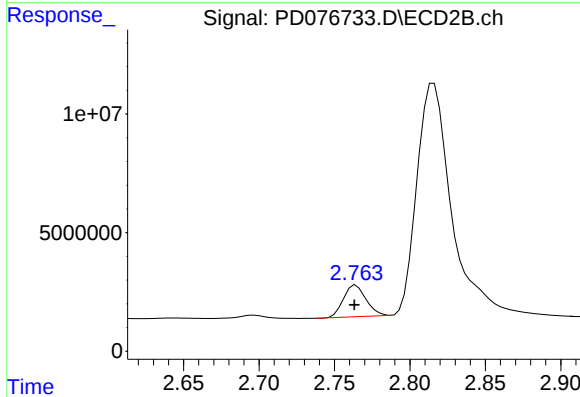




#1 Tetrachloro-m-xylene

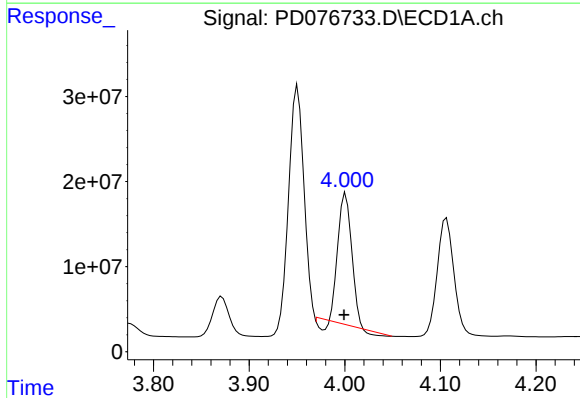
R.T.: 3.535 min  
Delta R.T.: -0.008 min  
Response: 282713361  
Conc: 132.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



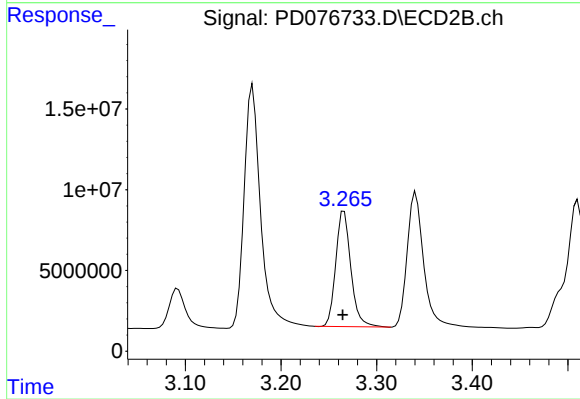
#1 Tetrachloro-m-xylene

R.T.: 2.764 min  
Delta R.T.: 0.001 min  
Response: 13830454  
Conc: 12.96 ng/ml



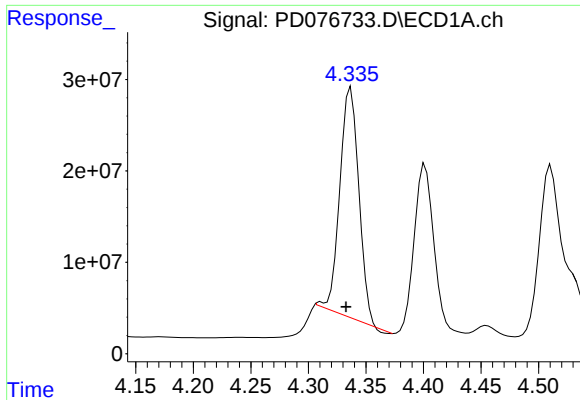
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: 0.002 min  
Response: 142261709  
Conc: 40.14 ng/ml



#2 alpha-BHC

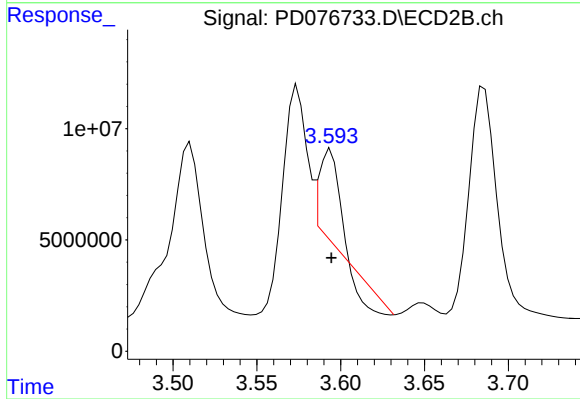
R.T.: 3.266 min  
Delta R.T.: 0.001 min  
Response: 78460084  
Conc: 49.58 ng/ml



#3 gamma-BHC (Lindane)

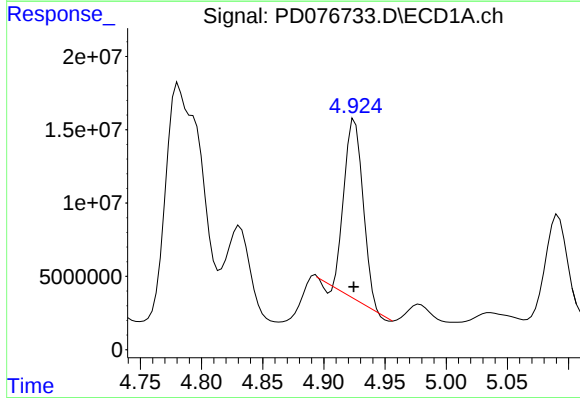
R.T.: 4.337 min  
Delta R.T.: 0.004 min  
Response: 290148022  
Conc: 87.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



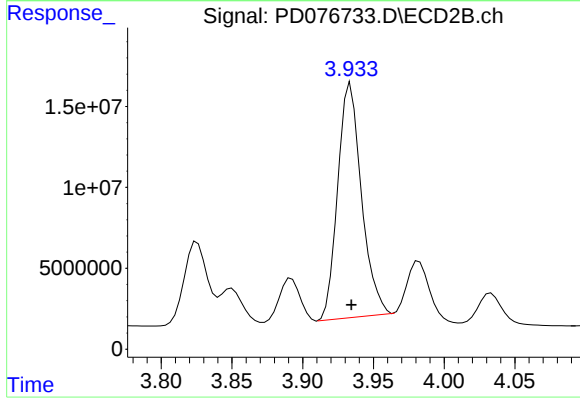
#3 gamma-BHC (Lindane)

R.T.: 3.594 min  
Delta R.T.: 0.000 min  
Response: 24156431  
Conc: 16.12 ng/ml



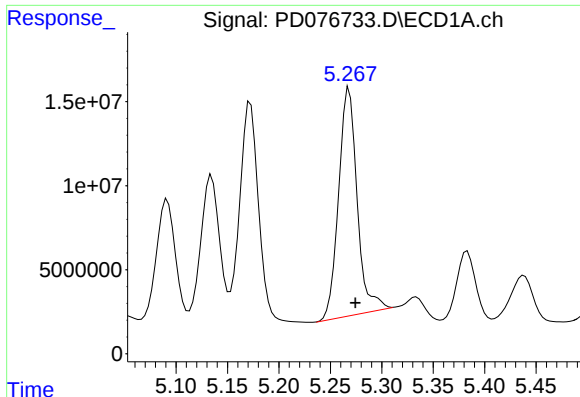
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: 0.000 min  
Response: 131686159  
Conc: 37.88 ng/ml



#4 Heptachlor

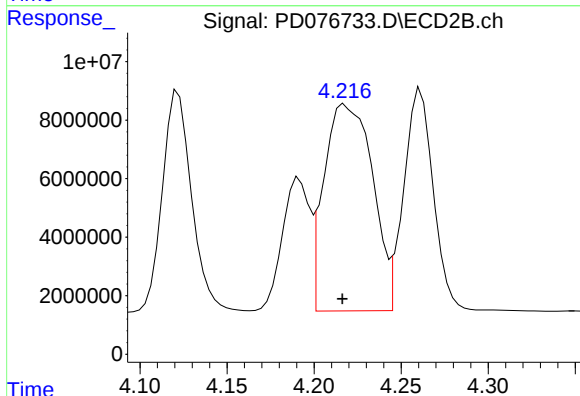
R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 169560676  
Conc: 113.40 ng/ml



#5 Aldrin

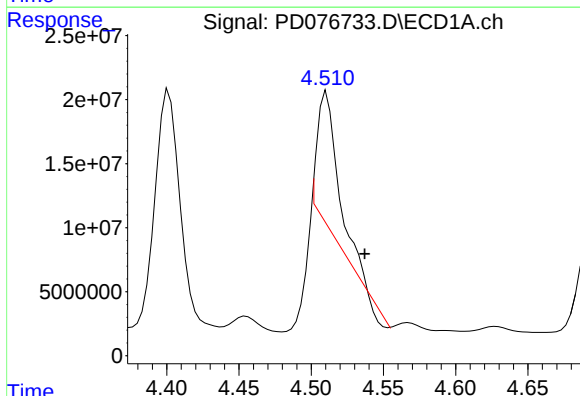
R.T.: 5.268 min  
Delta R.T.: -0.006 min  
Response: 171392468  
Conc: 50.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



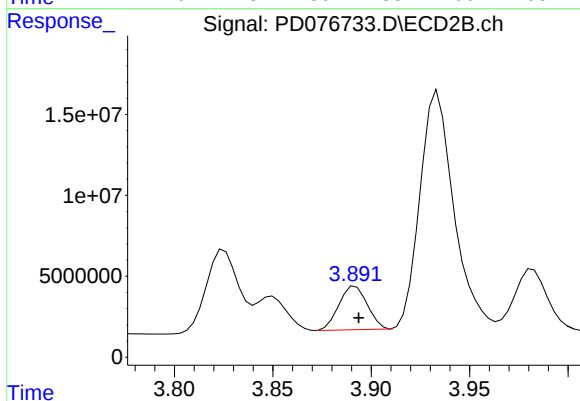
#5 Aldrin

R.T.: 4.218 min  
Delta R.T.: 0.001 min  
Response: 136847402  
Conc: 90.93 ng/ml



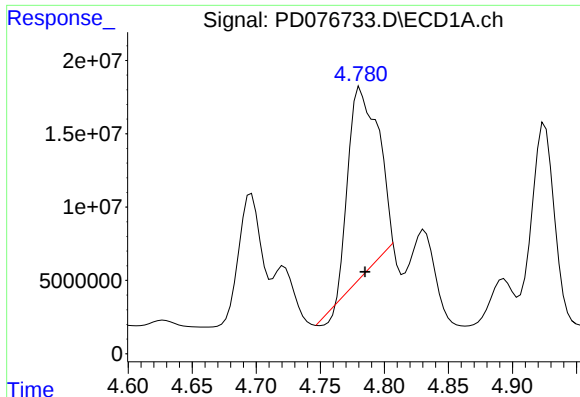
#6 beta-BHC

R.T.: 4.511 min  
Delta R.T.: -0.026 min  
Response: 100356293  
Conc: 66.03 ng/ml



#6 beta-BHC

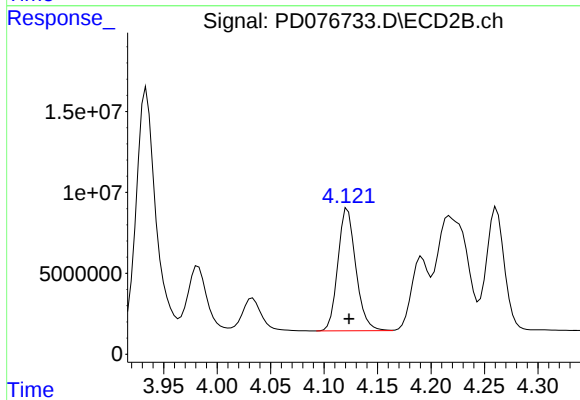
R.T.: 3.892 min  
Delta R.T.: -0.002 min  
Response: 27063565  
Conc: 37.78 ng/ml



#7 delta-BHC

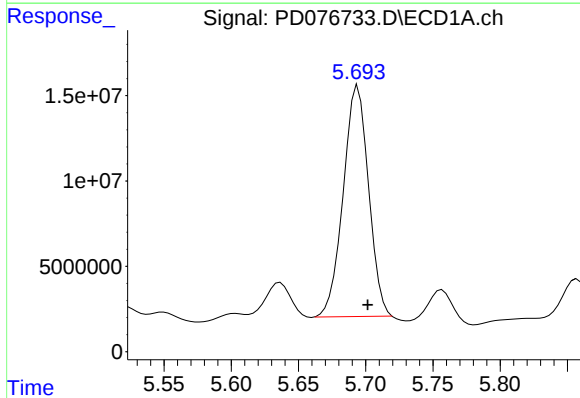
R.T.: 4.781 min  
Delta R.T.: -0.004 min  
Response: 210877157  
Conc: 62.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



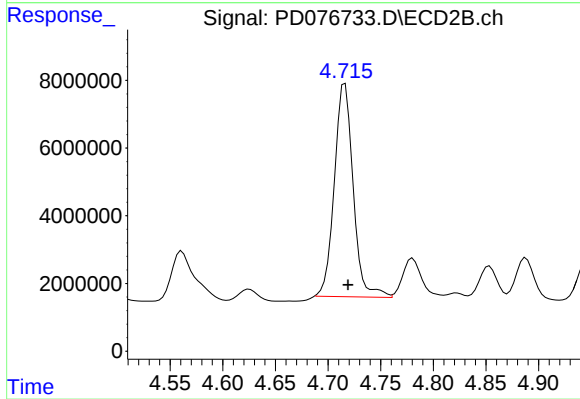
#7 delta-BHC

R.T.: 4.122 min  
Delta R.T.: -0.001 min  
Response: 88490610  
Conc: 57.98 ng/ml



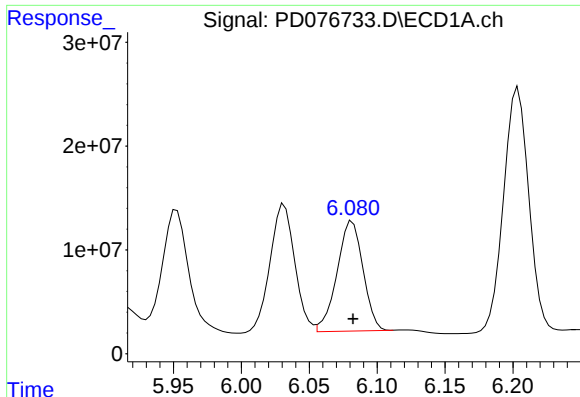
#8 Heptachlor epoxide

R.T.: 5.694 min  
Delta R.T.: -0.007 min  
Response: 176938872  
Conc: 59.05 ng/ml



#8 Heptachlor epoxide

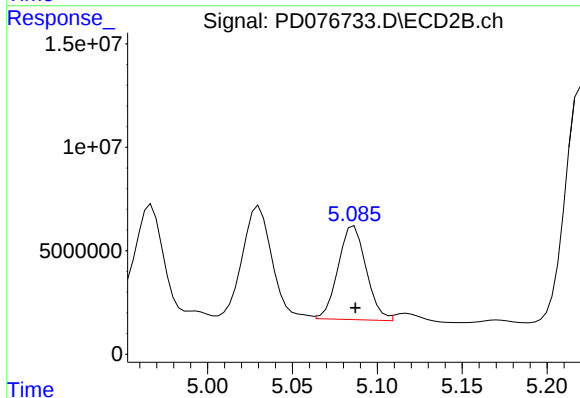
R.T.: 4.716 min  
Delta R.T.: -0.003 min  
Response: 78392672  
Conc: 55.72 ng/ml



#9 Endosulfan I

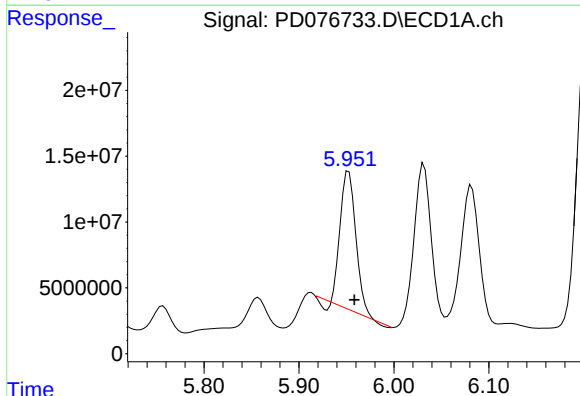
R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 141210300  
Conc: 49.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



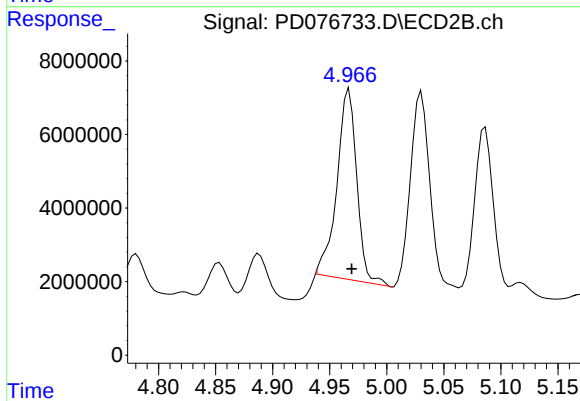
#9 Endosulfan I

R.T.: 5.086 min  
Delta R.T.: 0.000 min  
Response: 52057176  
Conc: 42.02 ng/ml



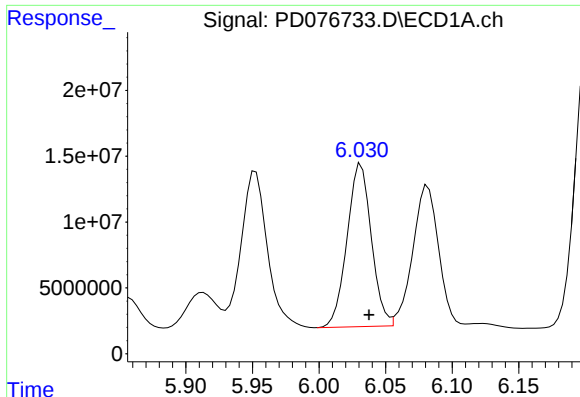
#10 trans-Chlordane

R.T.: 5.952 min  
Delta R.T.: -0.006 min  
Response: 117949663  
Conc: 38.36 ng/ml



#10 trans-Chlordane

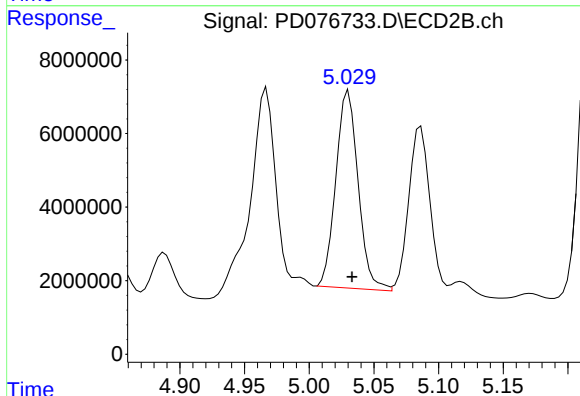
R.T.: 4.967 min  
Delta R.T.: -0.002 min  
Response: 62824625  
Conc: 46.46 ng/ml



#11 cis-Chlordane

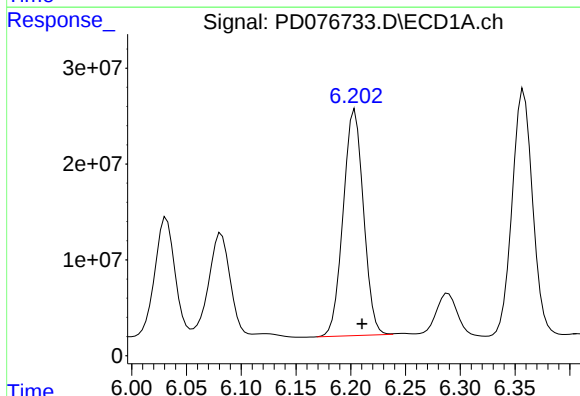
R.T.: 6.032 min  
Delta R.T.: -0.006 min  
Response: 157328271  
Conc: 49.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



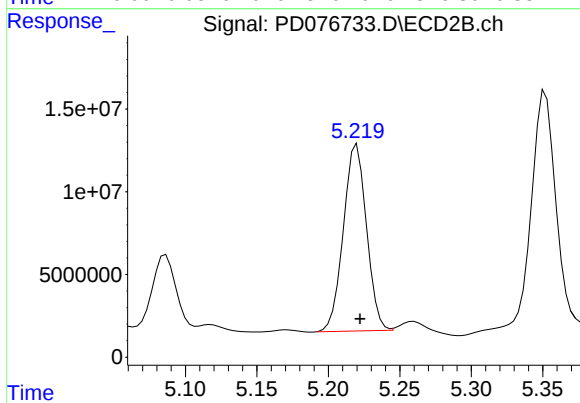
#11 cis-Chlordane

R.T.: 5.030 min  
Delta R.T.: -0.003 min  
Response: 64393961  
Conc: 45.64 ng/ml



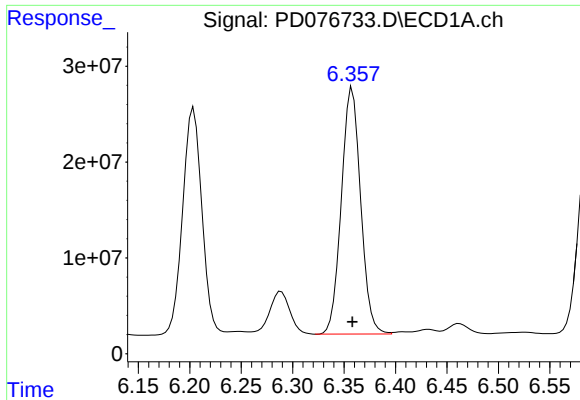
#12 4,4'-DDE

R.T.: 6.204 min  
Delta R.T.: -0.006 min  
Response: 304253524  
Conc: 104.43 ng/ml



#12 4,4'-DDE

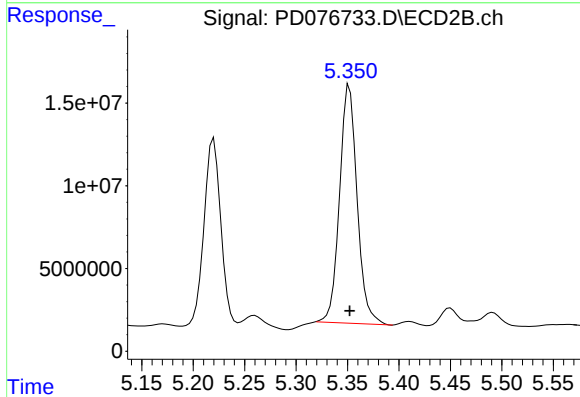
R.T.: 5.220 min  
Delta R.T.: -0.002 min  
Response: 127042261  
Conc: 105.12 ng/ml



#13 Dieldrin

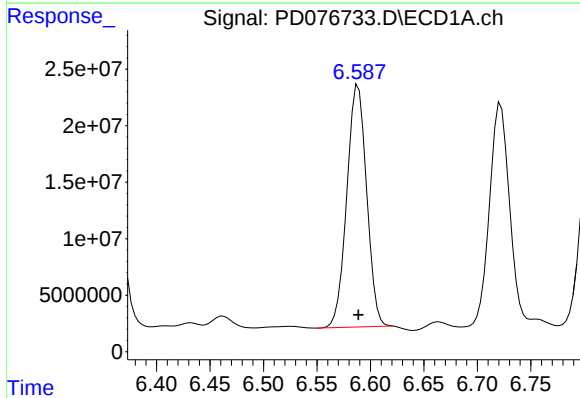
R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 335842340  
Conc: 106.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



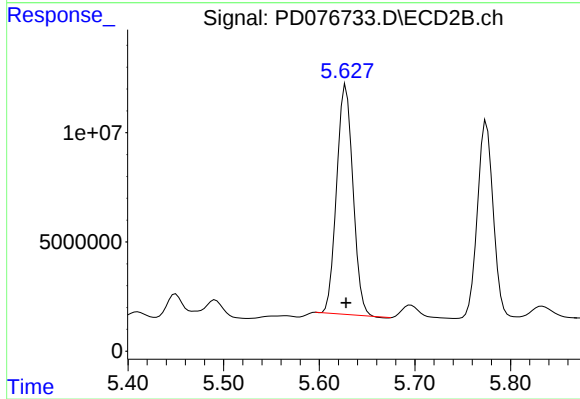
#13 Dieldrin

R.T.: 5.352 min  
Delta R.T.: 0.000 min  
Response: 171295461  
Conc: 122.83 ng/ml



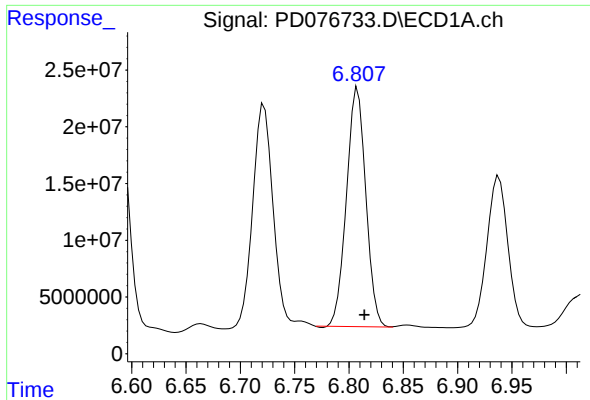
#14 Endrin

R.T.: 6.589 min  
Delta R.T.: 0.000 min  
Response: 276931381  
Conc: 107.43 ng/ml



#14 Endrin

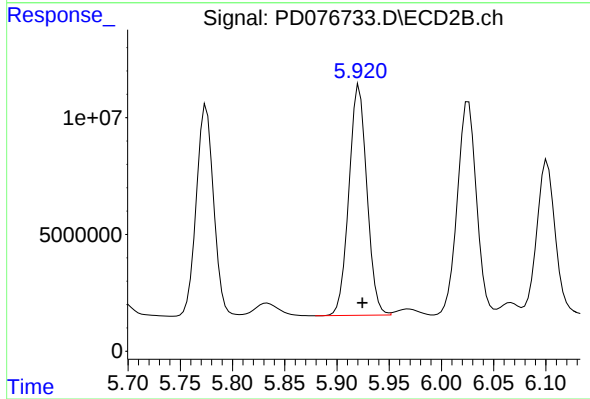
R.T.: 5.628 min  
Delta R.T.: 0.000 min  
Response: 124276499  
Conc: 100.50 ng/ml



#15 Endosulfan II

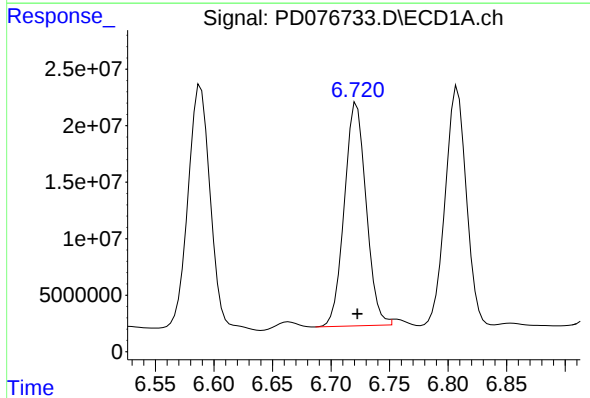
R.T.: 6.808 min  
Delta R.T.: -0.006 min  
Response: 260846239  
Conc: 98.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



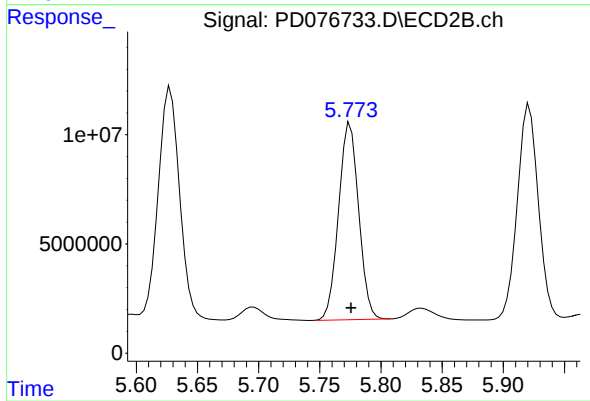
#15 Endosulfan II

R.T.: 5.921 min  
Delta R.T.: -0.003 min  
Response: 118003286  
Conc: 98.12 ng/ml



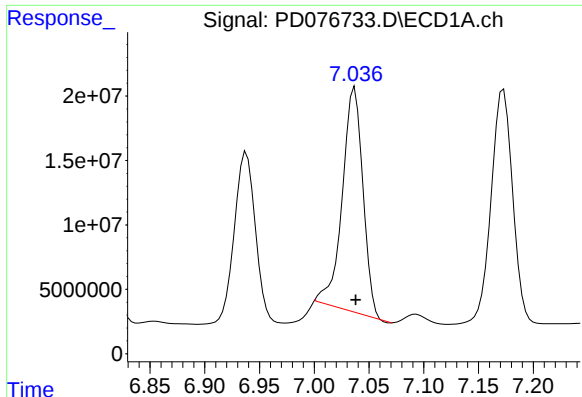
#16 4,4'-DDD

R.T.: 6.722 min  
Delta R.T.: 0.000 min  
Response: 256008590  
Conc: 113.30 ng/ml



#16 4,4'-DDD

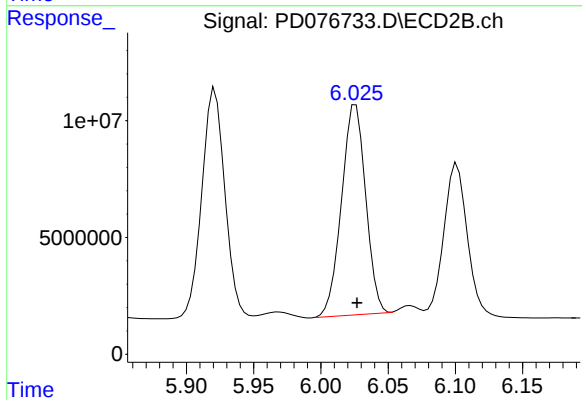
R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 103083022  
Conc: 108.77 ng/ml



#17 4,4'-DDT

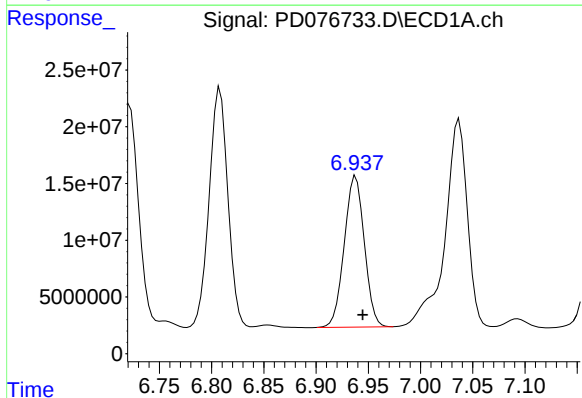
R.T.: 7.037 min  
Delta R.T.: -0.001 min  
Response: 228870207  
Conc: 102.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



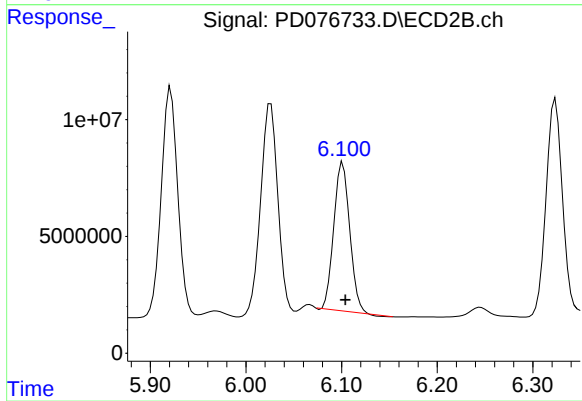
#17 4,4'-DDT

R.T.: 6.026 min  
Delta R.T.: -0.001 min  
Response: 112278992  
Conc: 119.86 ng/ml



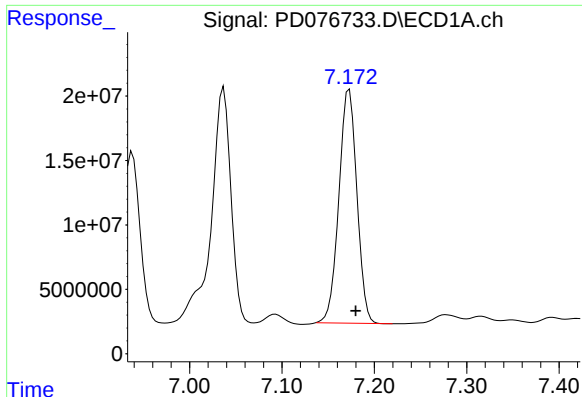
#18 Endrin aldehyde

R.T.: 6.938 min  
Delta R.T.: -0.007 min  
Response: 177868916  
Conc: 95.12 ng/ml



#18 Endrin aldehyde

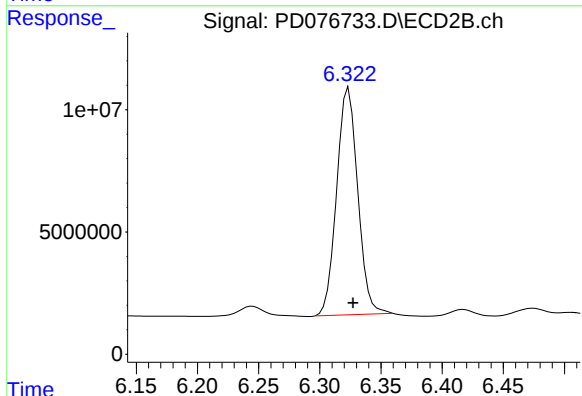
R.T.: 6.101 min  
Delta R.T.: -0.003 min  
Response: 72907560  
Conc: 86.92 ng/ml



#19 Endosulfan Sulfate

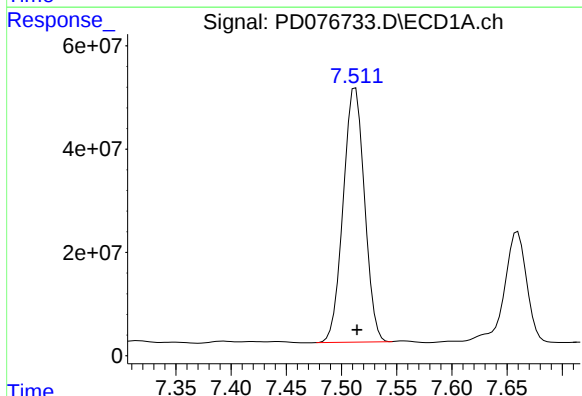
R.T.: 7.173 min  
Delta R.T.: -0.007 min  
Response: 246024200  
Conc: 98.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



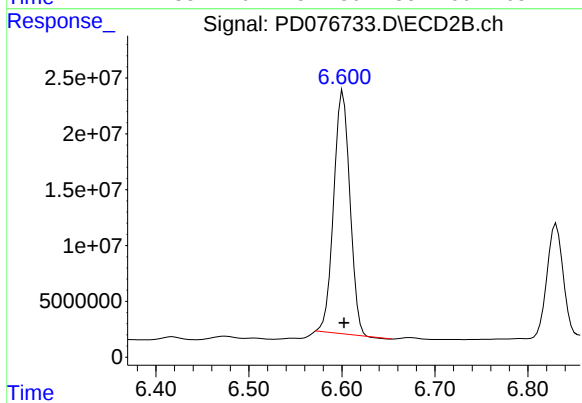
#19 Endosulfan Sulfate

R.T.: 6.324 min  
Delta R.T.: -0.004 min  
Response: 111446285  
Conc: 99.89 ng/ml



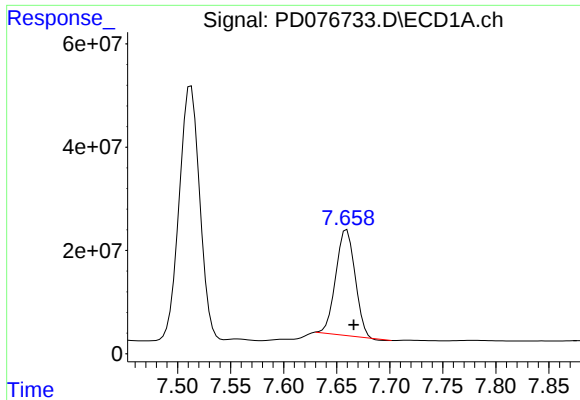
#20 Methoxychlor

R.T.: 7.513 min  
Delta R.T.: -0.002 min  
Response: 662423897  
Conc: 500.42 ng/ml



#20 Methoxychlor

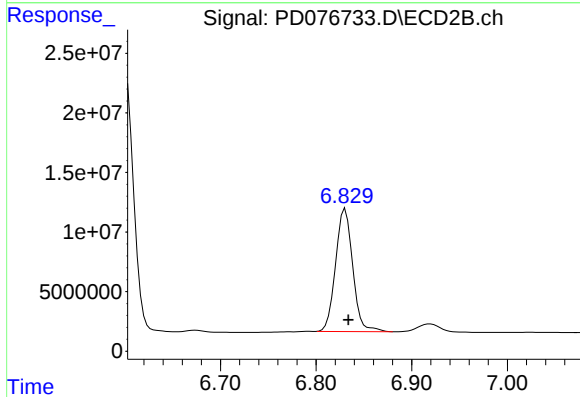
R.T.: 6.601 min  
Delta R.T.: -0.001 min  
Response: 263570855  
Conc: 493.89 ng/ml



#21 Endrin ketone

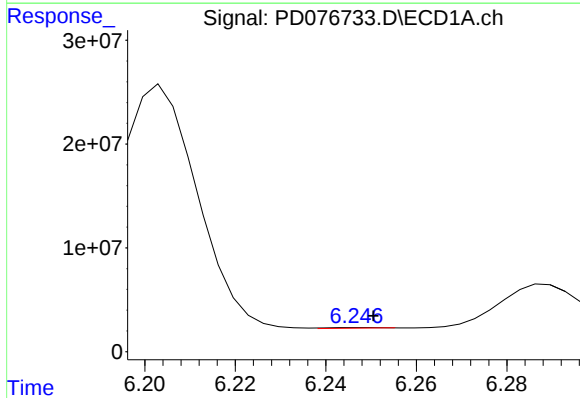
R.T.: 7.660 min  
Delta R.T.: -0.006 min  
Response: 258935619  
Conc: 93.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



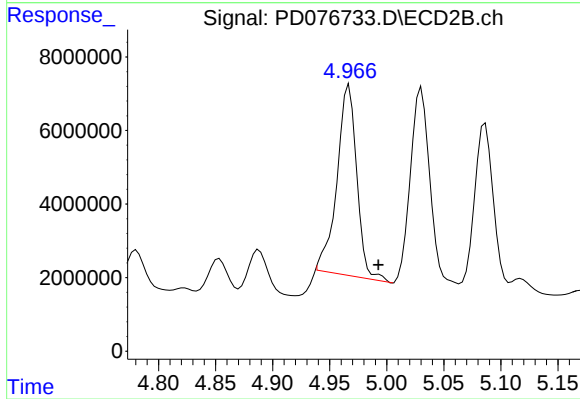
#21 Endrin ketone

R.T.: 6.831 min  
Delta R.T.: -0.003 min  
Response: 128716084  
Conc: 100.59 ng/ml



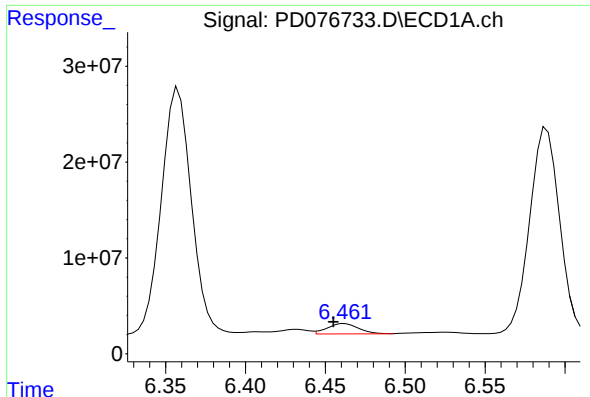
#22 Toxaphene-1

R.T.: 6.248 min  
Delta R.T.: -0.002 min  
Response: 730975  
Conc: 32.90 ng/ml



#22 Toxaphene-1

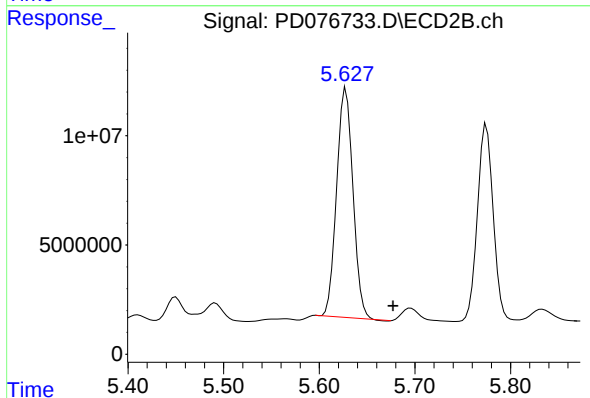
R.T.: 4.967 min  
Delta R.T.: -0.026 min  
Response: 62824625  
Conc: 8538.98 ng/ml



#23 Toxaphene-2

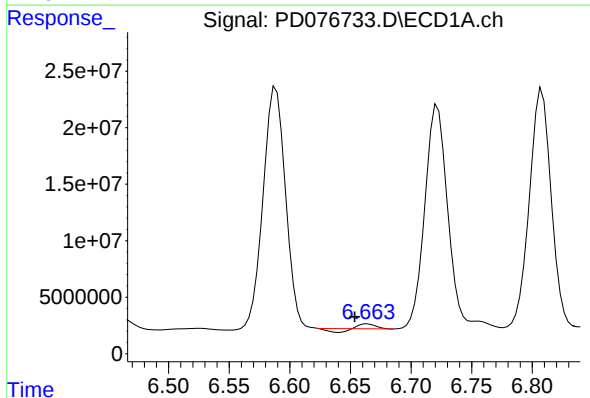
R.T.: 6.462 min  
Delta R.T.: 0.007 min  
Response: 14645327  
Conc: 531.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



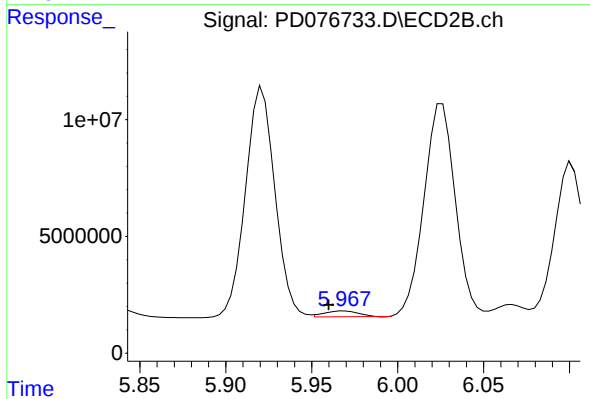
#23 Toxaphene-2

R.T.: 5.628 min  
Delta R.T.: -0.049 min  
Response: 124276499  
Conc: 15660.37 ng/ml



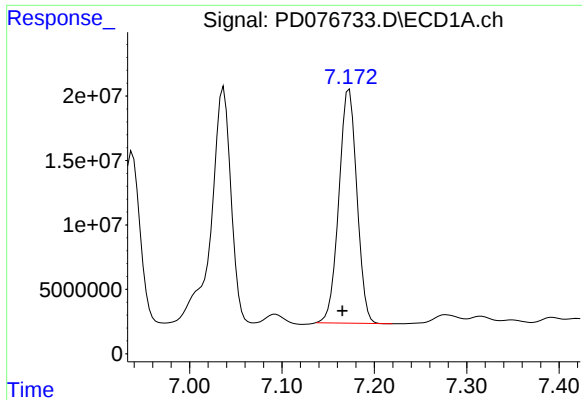
#24 Toxaphene-3

R.T.: 6.664 min  
Delta R.T.: 0.011 min  
Response: 1349136  
Conc: 69.67 ng/ml



#24 Toxaphene-3

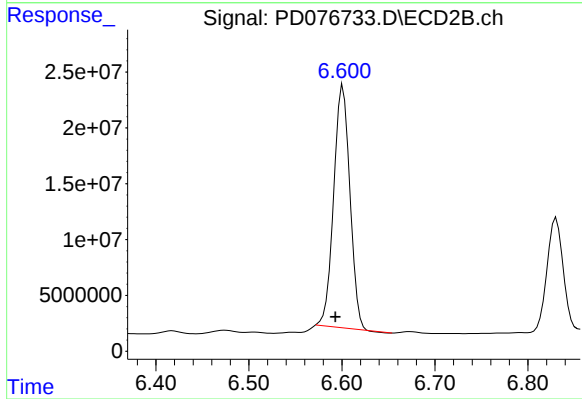
R.T.: 5.969 min  
Delta R.T.: 0.009 min  
Response: 3347961  
Conc: 365.13 ng/ml



#25 Toxaphene-4

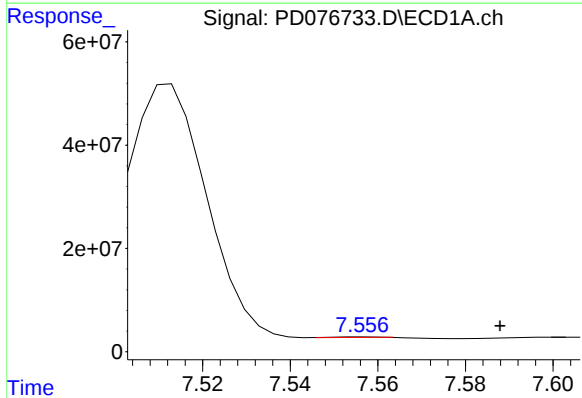
R.T.: 7.173 min  
Delta R.T.: 0.007 min  
Response: 246024200  
Conc: 4102.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



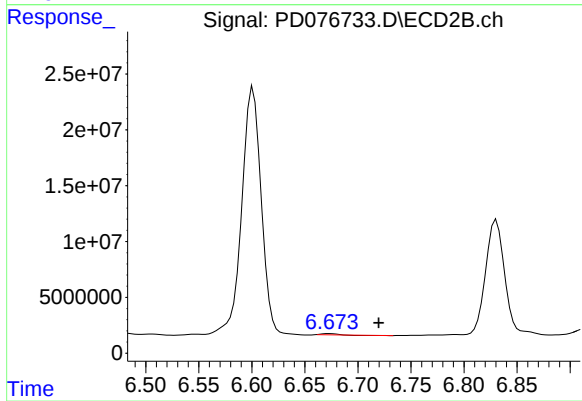
#25 Toxaphene-4

R.T.: 6.601 min  
Delta R.T.: 0.008 min  
Response: 263570855  
Conc: 10505.16 ng/ml



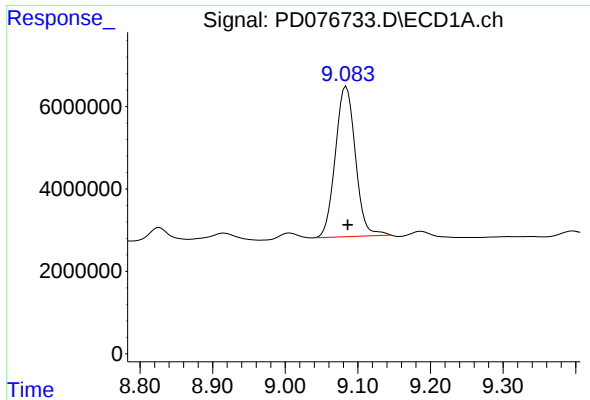
#26 Toxaphene-5

R.T.: 7.557 min  
Delta R.T.: -0.031 min  
Response: 861547  
Conc: 19.84 ng/ml



#26 Toxaphene-5

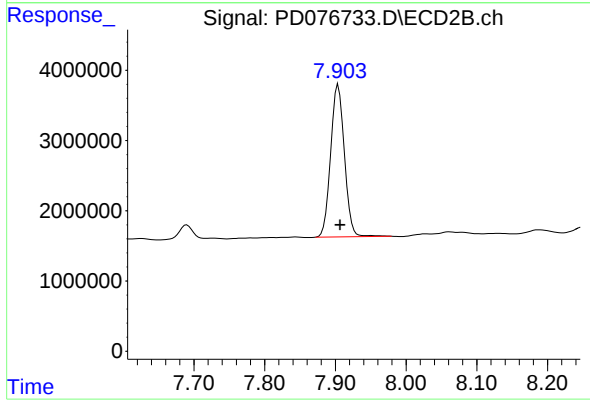
R.T.: 6.674 min  
Delta R.T.: -0.046 min  
Response: 659945  
Conc: 17.82 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.084 min  
Delta R.T.: -0.002 min  
Response: 70089493  
Conc: 28.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: -0.002 min  
Response: 29317886  
Conc: 27.35 ng/ml