

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071621\  
 Data File : PD064316.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2021 17:25  
 Operator : AR\AJ  
 Sample : PB137721BS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 05:23:15 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

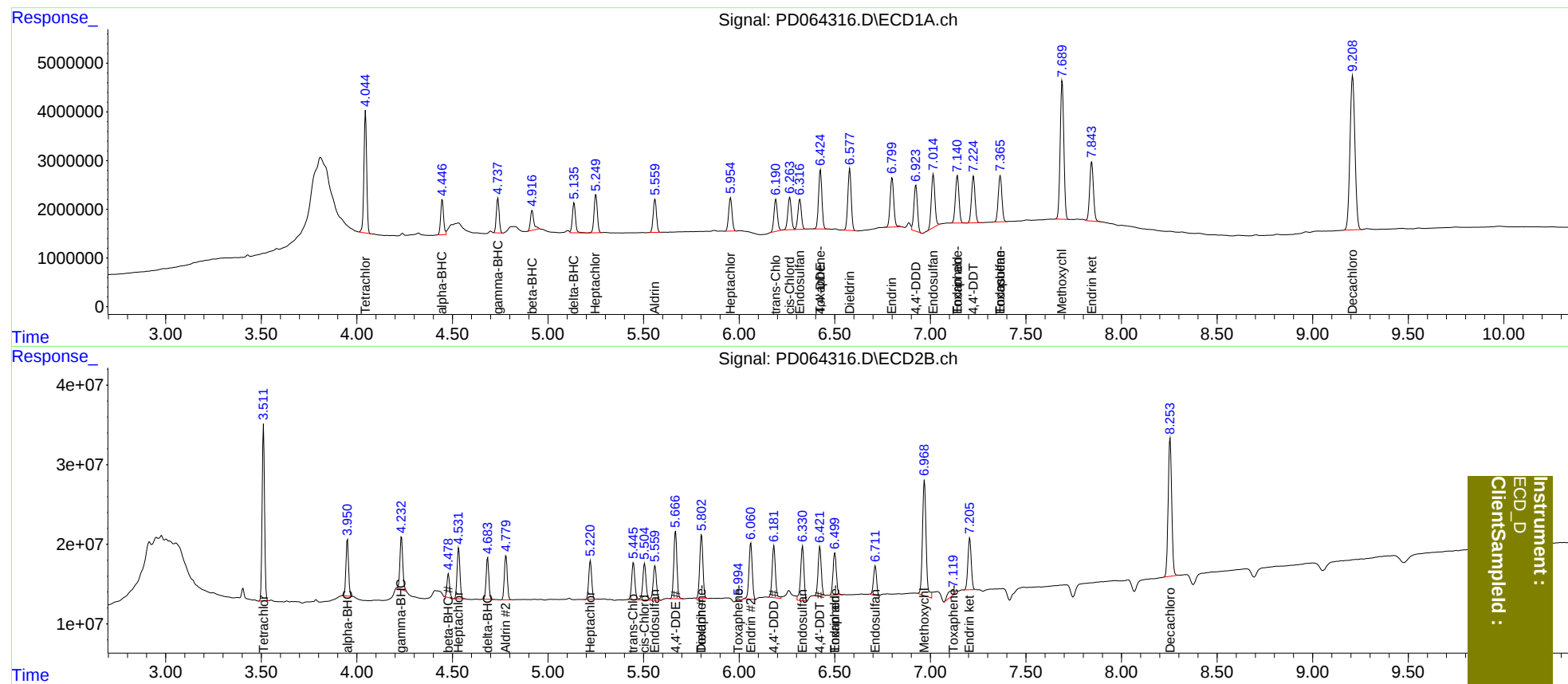
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|-----------|
| -----                       |                 |       |       |          |          |          |           |
| System Monitoring Compounds |                 |       |       |          |          |          |           |
| 1)                          | SA Tetrachlo... | 4.046 | 3.512 | 24907789 | 194.8E6  | 18.616   | 19.500    |
| 27)                         | SA Decachlor... | 9.209 | 8.255 | 57096536 | 227.4E6  | 53.238   | 43.539    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.447 | 3.951 | 7615687  | 68034521 | 4.090    | 5.087     |
| 3)                          | MA gamma-BHC... | 4.738 | 4.234 | 7333808  | 68108434 | 4.119    | 5.598 #   |
| 4)                          | MA Heptachlor   | 5.251 | 4.533 | 9292448  | 65935327 | 5.268    | 5.783     |
| 5)                          | MB Aldrin       | 5.560 | 4.780 | 8088523  | 59432489 | 5.076    | 5.738     |
| 6)                          | B beta-BHC      | 4.917 | 4.479 | 5144554  | 28116551 | 6.130    | 5.174     |
| 7)                          | B delta-BHC     | 5.137 | 4.684 | 6990935  | 51639719 | 4.093    | 4.697     |
| 8)                          | B Heptachlo...  | 5.955 | 5.222 | 8408717  | 51902474 | 5.516    | 5.681     |
| 9)                          | A Endosulfan I  | 6.318 | 5.560 | 7770877  | 51925721 | 5.624    | 6.141     |
| 10)                         | B trans-Chl...  | 6.192 | 5.447 | 8130893  | 54160496 | 5.144    | 5.822     |
| 11)                         | B cis-Chlor...  | 6.265 | 5.505 | 8451237  | 55161215 | 5.389    | 6.092     |
| 12)                         | B 4,4'-DDE      | 6.425 | 5.667 | 14794835 | 97265981 | 10.680   | 11.606    |
| 13)                         | MA Dieldrin     | 6.579 | 5.804 | 15568864 | 93963797 | 10.749   | 10.991    |
| 14)                         | MA Endrin       | 6.800 | 6.061 | 13461818 | 83092982 | 11.402   | 11.400    |
| 15)                         | B Endosulfa...  | 7.016 | 6.332 | 14168699 | 83062243 | 11.723   | 12.769    |
| 16)                         | A 4,4'-DDD      | 6.924 | 6.182 | 12033785 | 77440892 | 10.568   | 11.512    |
| 17)                         | MA 4,4'-DDT     | 7.226 | 6.422 | 12605388 | 70443051 | 10.920   | 10.062    |
| 18)                         | B Endrin al...  | 7.142 | 6.501 | 12695067 | 64579627 | 12.333   | 11.661    |
| 19)                         | B Endosulfa...  | 7.366 | 6.712 | 12594303 | 41184831 | 10.229   | 6.689 #   |
| 20)                         | A Methoxychlor  | 7.690 | 6.969 | 37795085 | 190.8E6  | 58.904   | 61.840    |
| 21)                         | B Endrin ke...  | 7.844 | 7.206 | 16637718 | 78719759 | 12.519   | 11.617    |
| 22)                         | Toxaphene-1     | 6.425 | 5.804 | 14794835 | 93963797 | 2040.618 | 1772.763  |
| 23)                         | Toxaphene-2     | 0.000 | 5.995 | 0        | 2677771  | N.D.     | 28.812    |
| 24)                         | Toxaphene-3     | 7.142 | 6.501 | 12695067 | 64579627 | 1135.795 | 709.889 # |
| 25)                         | Toxaphene-4     | 7.366 | 0.000 | 12594303 | 0        | 564.491  | N.D. #    |
| 26)                         | Toxaphene-5     | 0.000 | 7.120 | 0        | 17016398 | N.D.     | 136.729   |
| -----                       |                 |       |       |          |          |          |           |

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

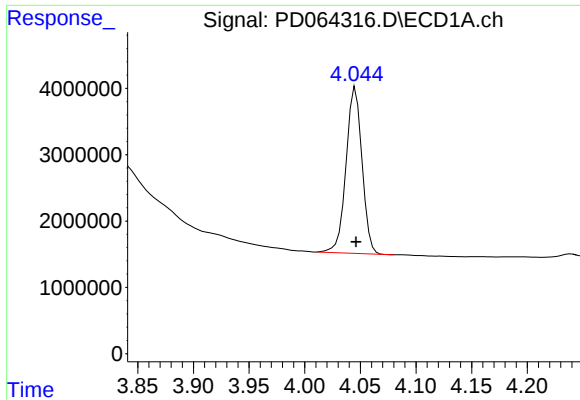
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071621\  
Data File : PD064316.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2021 17:25  
Operator : AR\AJ  
Sample : PB137721BS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 05:23:15 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  
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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



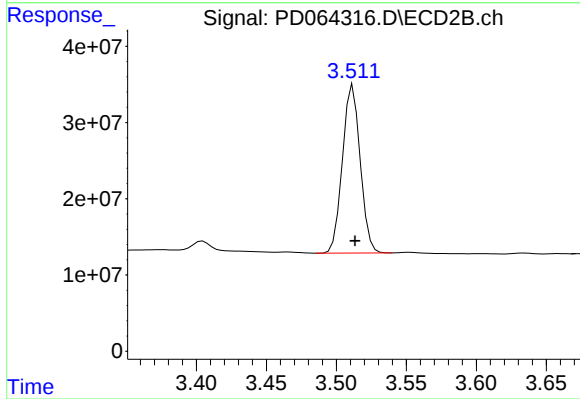
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

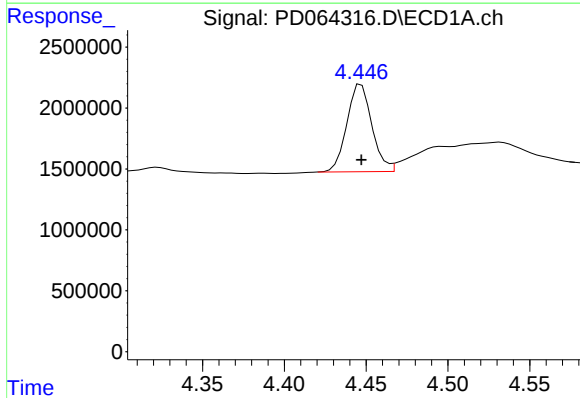
R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 24907789  
Conc: 18.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



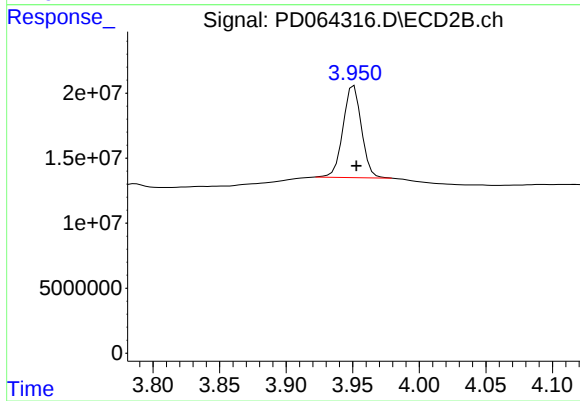
#1 Tetrachloro-m-xylene

R.T.: 3.512 min  
Delta R.T.: -0.001 min  
Response: 194826420  
Conc: 19.50 ng/ml



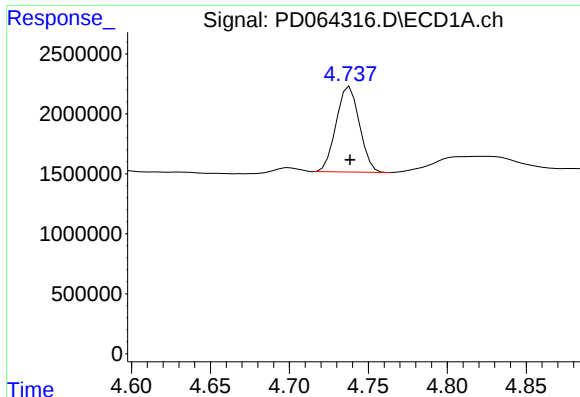
#2 alpha-BHC

R.T.: 4.447 min  
Delta R.T.: 0.000 min  
Response: 7615687  
Conc: 4.09 ng/ml



#2 alpha-BHC

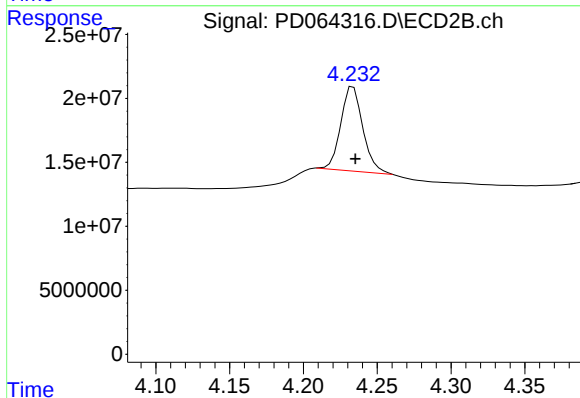
R.T.: 3.951 min  
Delta R.T.: -0.002 min  
Response: 68034521  
Conc: 5.09 ng/ml



#3 gamma-BHC (Lindane)

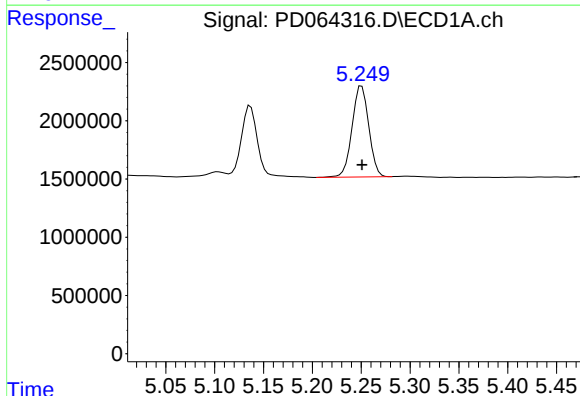
R.T.: 4.738 min  
Delta R.T.: 0.000 min  
Response: 7333808  
Conc: 4.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



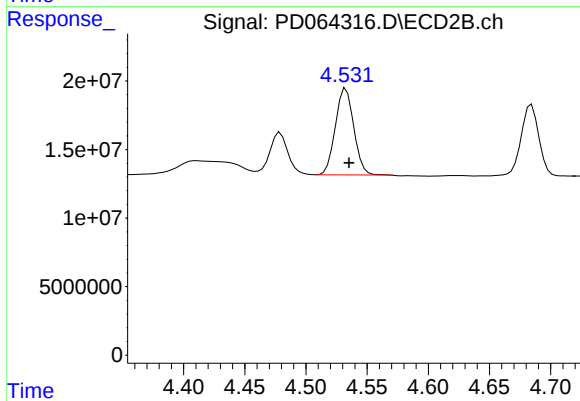
#3 gamma-BHC (Lindane)

R.T.: 4.234 min  
Delta R.T.: -0.002 min  
Response: 68108434  
Conc: 5.60 ng/ml



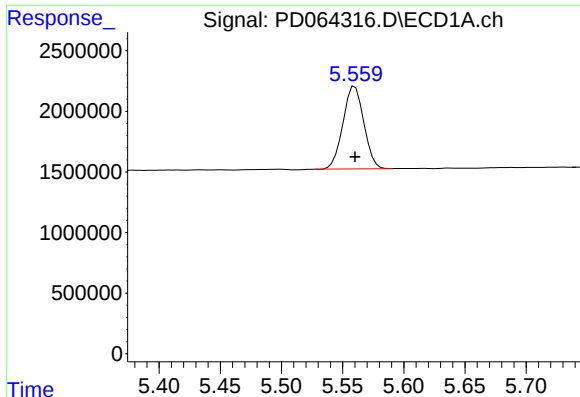
#4 Heptachlor

R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 9292448  
Conc: 5.27 ng/ml



#4 Heptachlor

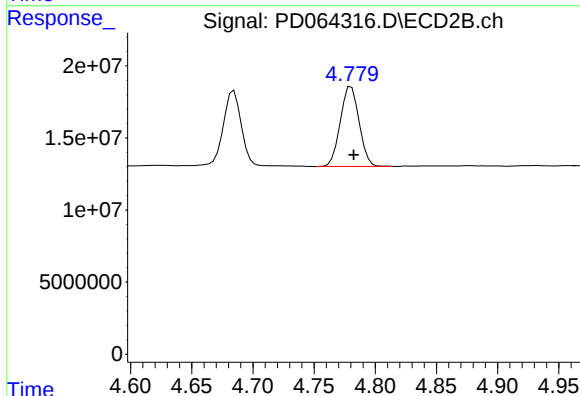
R.T.: 4.533 min  
Delta R.T.: -0.002 min  
Response: 65935327  
Conc: 5.78 ng/ml



#5 Aldrin

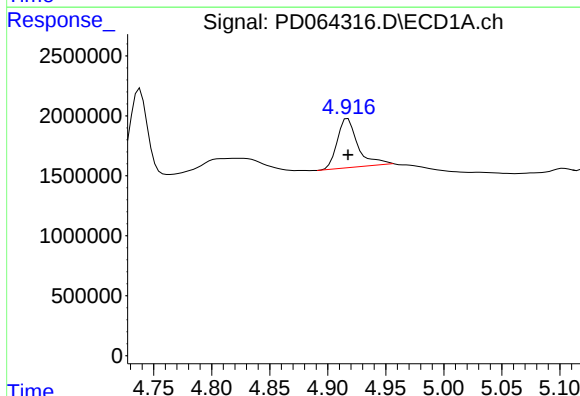
R.T.: 5.560 min  
Delta R.T.: 0.000 min  
Response: 8088523  
Conc: 5.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



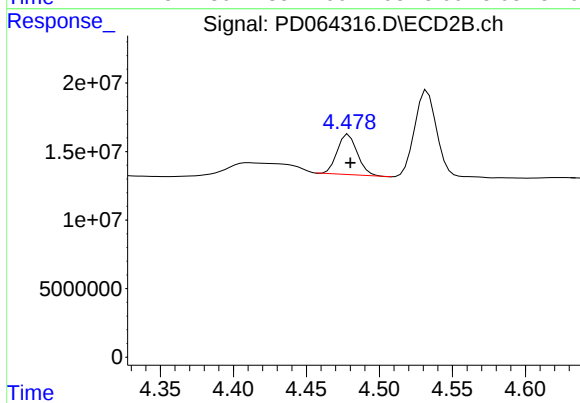
#5 Aldrin

R.T.: 4.780 min  
Delta R.T.: -0.002 min  
Response: 59432489  
Conc: 5.74 ng/ml



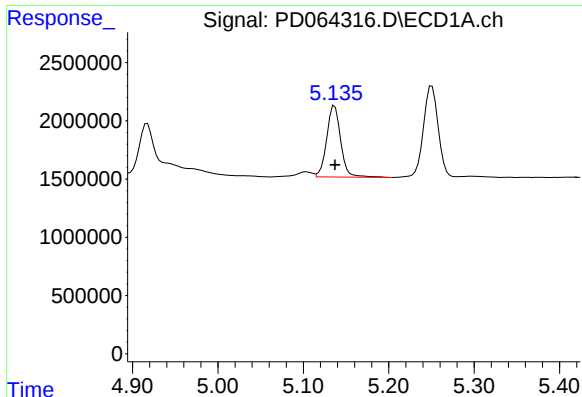
#6 beta-BHC

R.T.: 4.917 min  
Delta R.T.: 0.000 min  
Response: 5144554  
Conc: 6.13 ng/ml



#6 beta-BHC

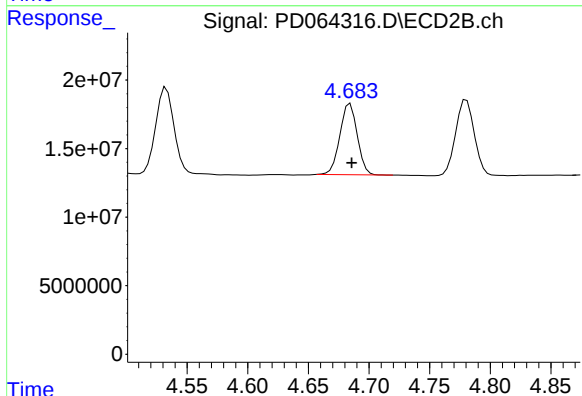
R.T.: 4.479 min  
Delta R.T.: -0.001 min  
Response: 28116551  
Conc: 5.17 ng/ml



#7 delta-BHC

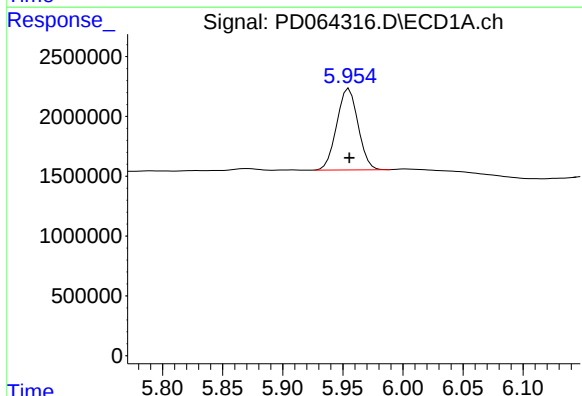
R.T.: 5.137 min  
Delta R.T.: 0.000 min  
Response: 6990935  
Conc: 4.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



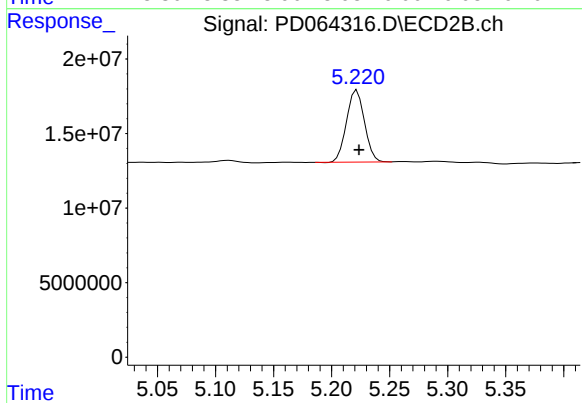
#7 delta-BHC

R.T.: 4.684 min  
Delta R.T.: -0.001 min  
Response: 51639719  
Conc: 4.70 ng/ml



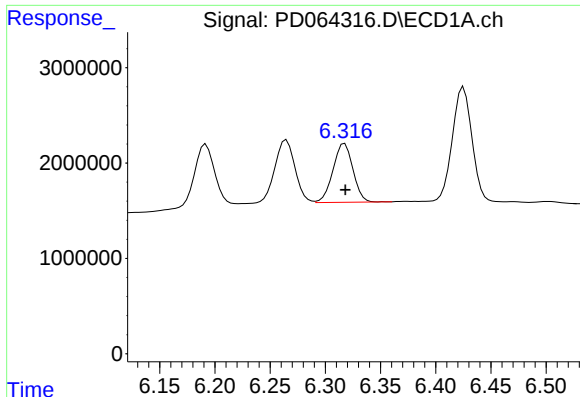
#8 Heptachlor epoxide

R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 8408717  
Conc: 5.52 ng/ml



#8 Heptachlor epoxide

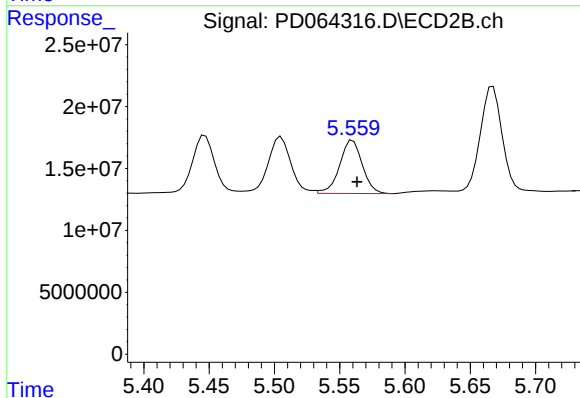
R.T.: 5.222 min  
Delta R.T.: -0.002 min  
Response: 51902474  
Conc: 5.68 ng/ml



#9 Endosulfan I

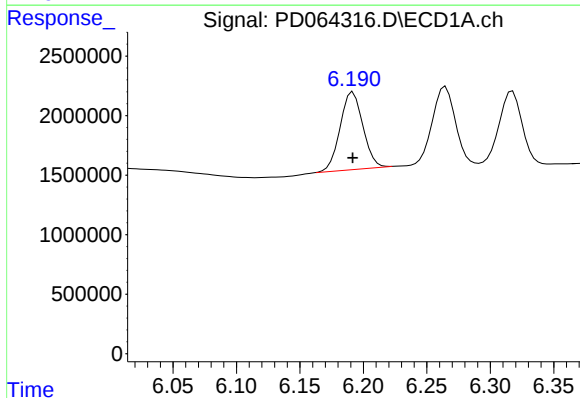
R.T.: 6.318 min  
Delta R.T.: 0.000 min  
Response: 7770877  
Conc: 5.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



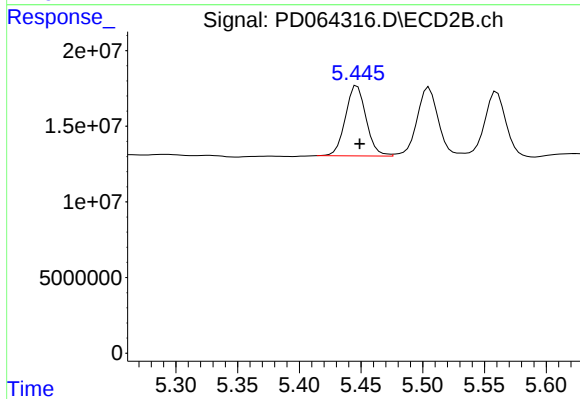
#9 Endosulfan I

R.T.: 5.560 min  
Delta R.T.: -0.003 min  
Response: 51925721  
Conc: 6.14 ng/ml



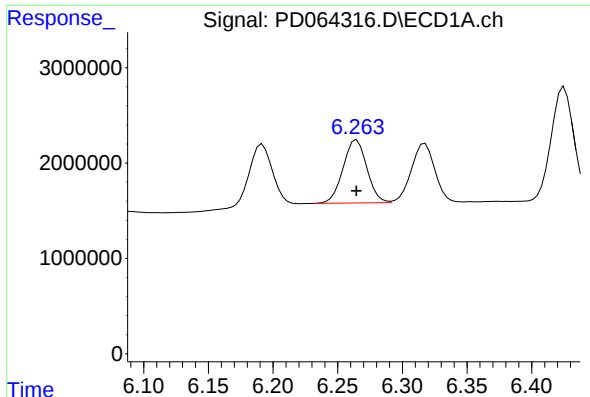
#10 trans-Chlordane

R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 8130893  
Conc: 5.14 ng/ml



#10 trans-Chlordane

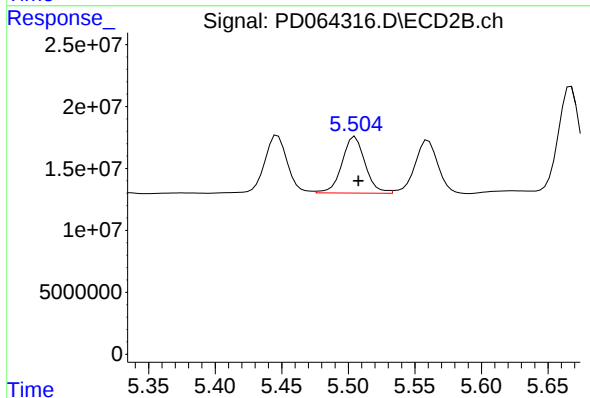
R.T.: 5.447 min  
Delta R.T.: -0.002 min  
Response: 54160496  
Conc: 5.82 ng/ml



#11 cis-Chlordane

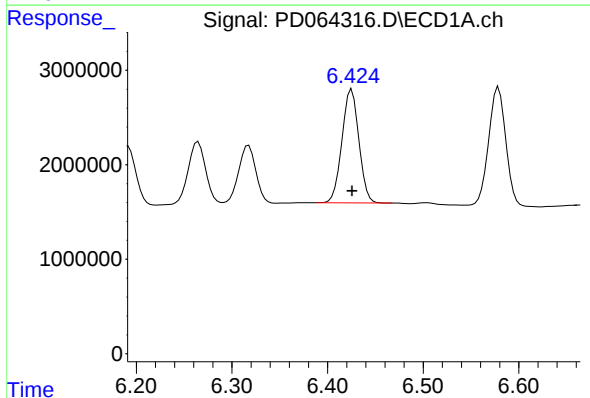
R.T.: 6.265 min  
Delta R.T.: 0.000 min  
Response: 8451237  
Conc: 5.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



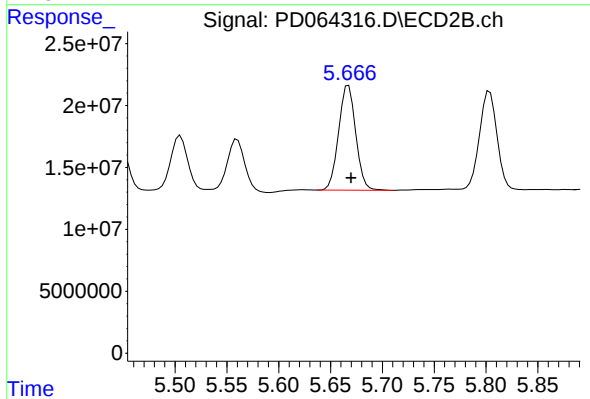
#11 cis-Chlordane

R.T.: 5.505 min  
Delta R.T.: -0.003 min  
Response: 55161215  
Conc: 6.09 ng/ml



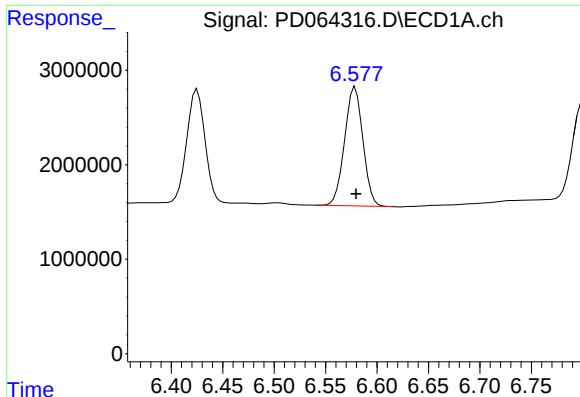
#12 4,4'-DDE

R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 14794835  
Conc: 10.68 ng/ml



#12 4,4'-DDE

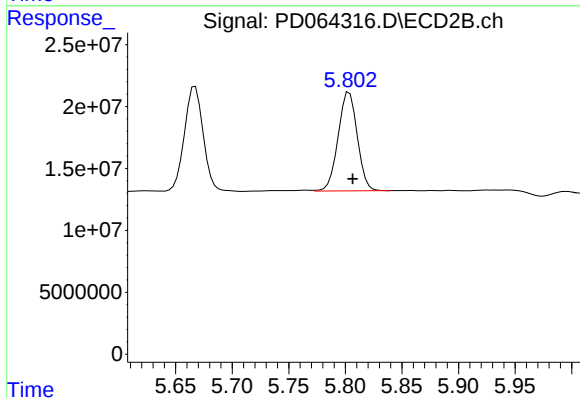
R.T.: 5.667 min  
Delta R.T.: -0.002 min  
Response: 97265981  
Conc: 11.61 ng/ml



#13 Dieldrin

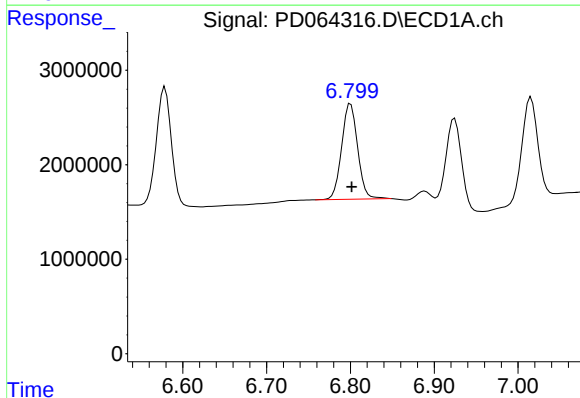
R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 15568864  
Conc: 10.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



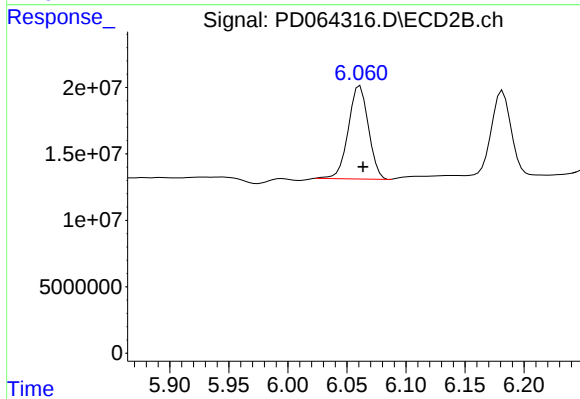
#13 Dieldrin

R.T.: 5.804 min  
Delta R.T.: -0.003 min  
Response: 93963797  
Conc: 10.99 ng/ml



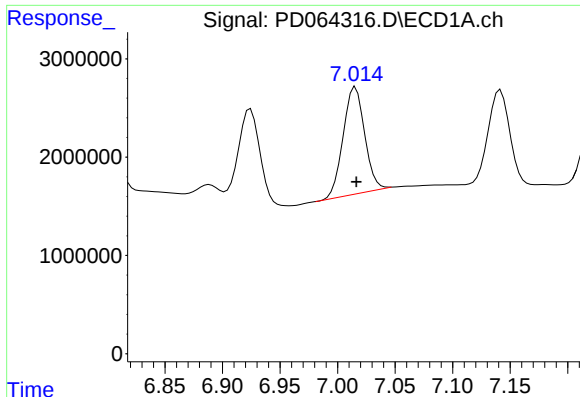
#14 Endrin

R.T.: 6.800 min  
Delta R.T.: -0.001 min  
Response: 13461818  
Conc: 11.40 ng/ml



#14 Endrin

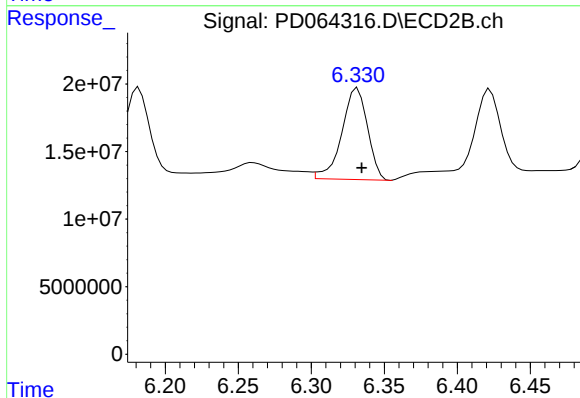
R.T.: 6.061 min  
Delta R.T.: -0.003 min  
Response: 83092982  
Conc: 11.40 ng/ml



#15 Endosulfan II

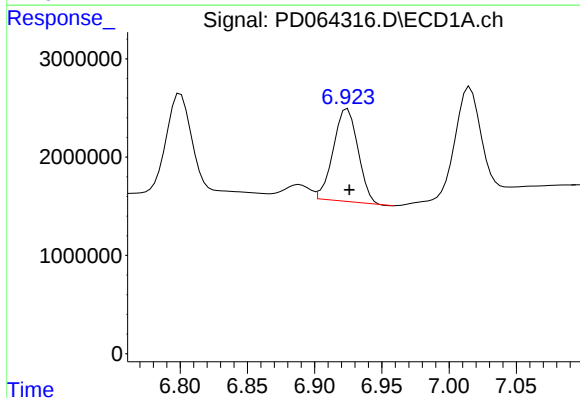
R.T.: 7.016 min  
Delta R.T.: 0.000 min  
Response: 14168699  
Conc: 11.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



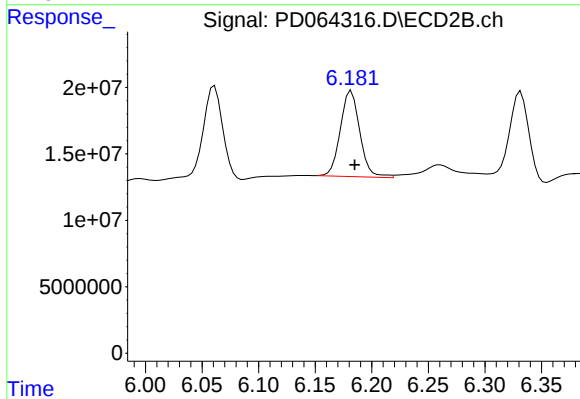
#15 Endosulfan II

R.T.: 6.332 min  
Delta R.T.: -0.003 min  
Response: 83062243  
Conc: 12.77 ng/ml



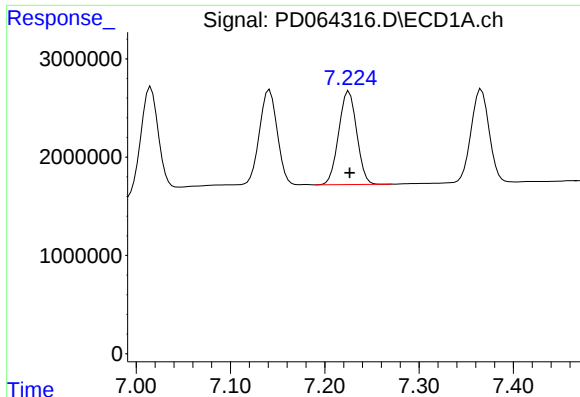
#16 4,4'-DDD

R.T.: 6.924 min  
Delta R.T.: -0.001 min  
Response: 12033785  
Conc: 10.57 ng/ml



#16 4,4'-DDD

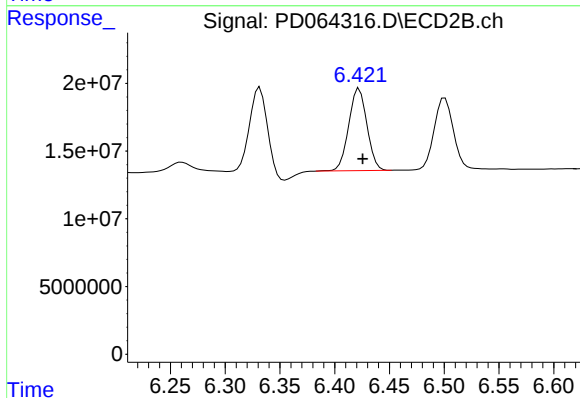
R.T.: 6.182 min  
Delta R.T.: -0.003 min  
Response: 77440892  
Conc: 11.51 ng/ml



#17 4,4'-DDT

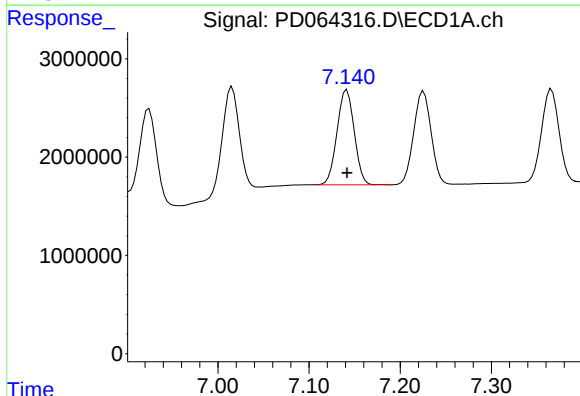
R.T.: 7.226 min  
Delta R.T.: 0.000 min  
Response: 12605388  
Conc: 10.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



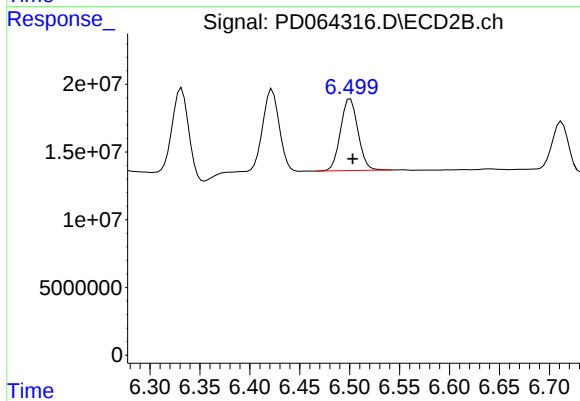
#17 4,4'-DDT

R.T.: 6.422 min  
Delta R.T.: -0.003 min  
Response: 70443051  
Conc: 10.06 ng/ml



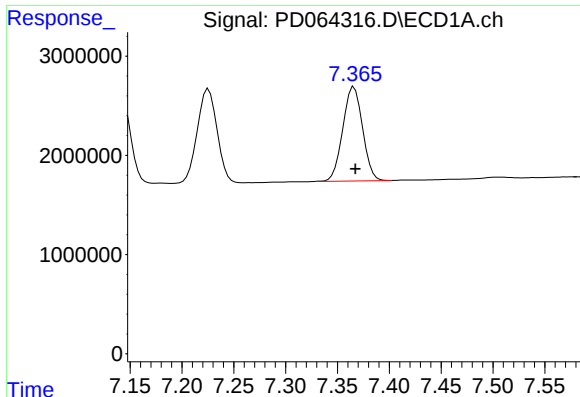
#18 Endrin aldehyde

R.T.: 7.142 min  
Delta R.T.: 0.000 min  
Response: 12695067  
Conc: 12.33 ng/ml



#18 Endrin aldehyde

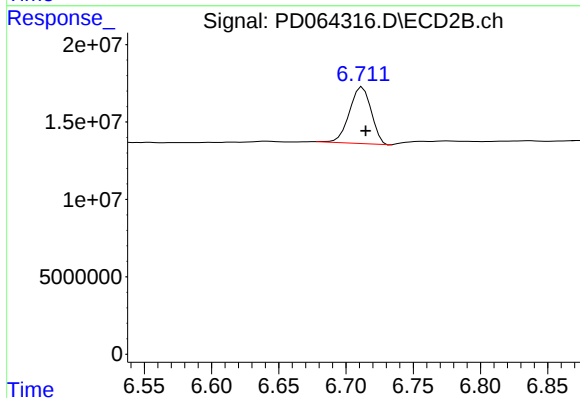
R.T.: 6.501 min  
Delta R.T.: -0.002 min  
Response: 64579627  
Conc: 11.66 ng/ml



#19 Endosulfan Sulfate

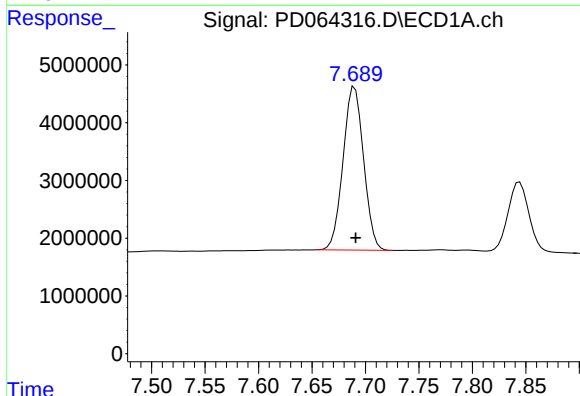
R.T.: 7.366 min  
Delta R.T.: -0.001 min  
Response: 12594303  
Conc: 10.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



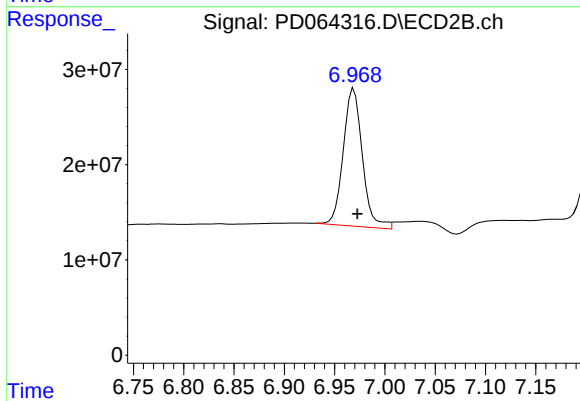
#19 Endosulfan Sulfate

R.T.: 6.712 min  
Delta R.T.: -0.003 min  
Response: 41184831  
Conc: 6.69 ng/ml



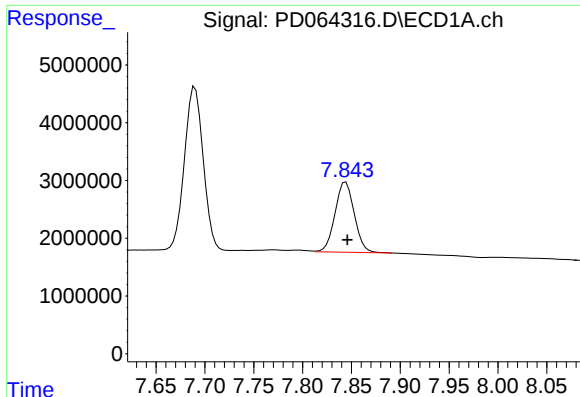
#20 Methoxychlor

R.T.: 7.690 min  
Delta R.T.: -0.001 min  
Response: 37795085  
Conc: 58.90 ng/ml



#20 Methoxychlor

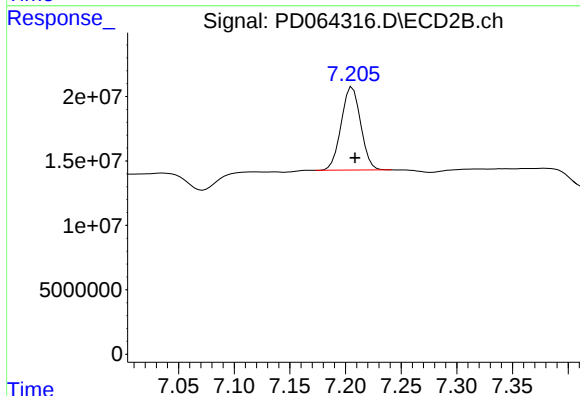
R.T.: 6.969 min  
Delta R.T.: -0.004 min  
Response: 190824727  
Conc: 61.84 ng/ml



#21 Endrin ketone

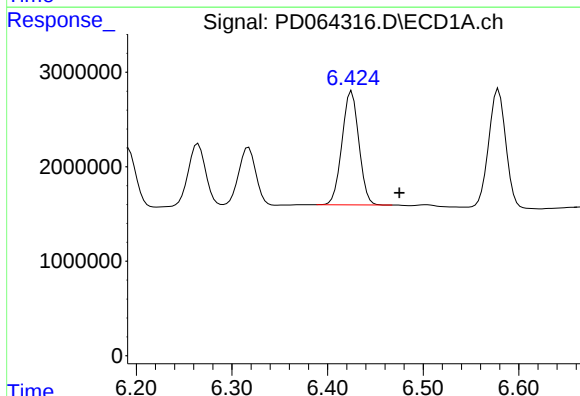
R.T.: 7.844 min  
Delta R.T.: -0.002 min  
Response: 16637718  
Conc: 12.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



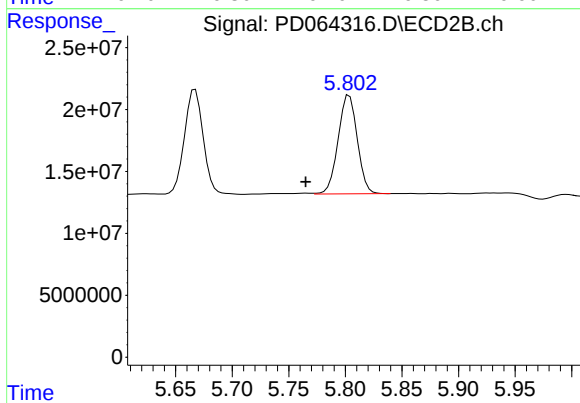
#21 Endrin ketone

R.T.: 7.206 min  
Delta R.T.: -0.002 min  
Response: 78719759  
Conc: 11.62 ng/ml



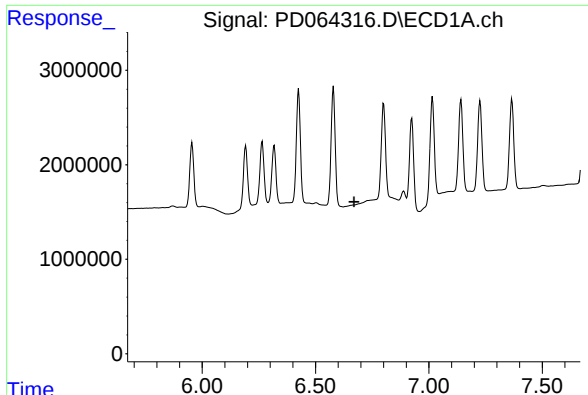
#22 Toxaphene-1

R.T.: 6.425 min  
Delta R.T.: -0.050 min  
Response: 14794835  
Conc: 2040.62 ng/ml



#22 Toxaphene-1

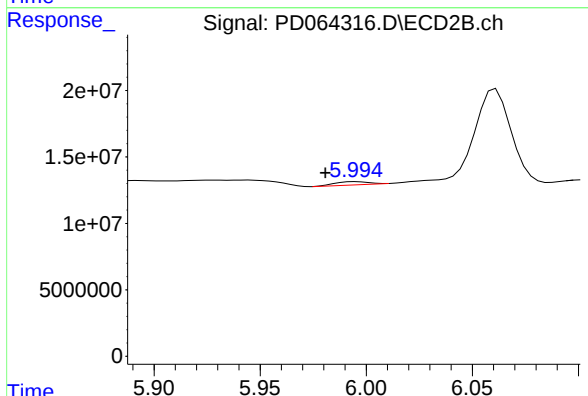
R.T.: 5.804 min  
Delta R.T.: 0.039 min  
Response: 93963797  
Conc: 1772.76 ng/ml



#23 Toxaphene-2

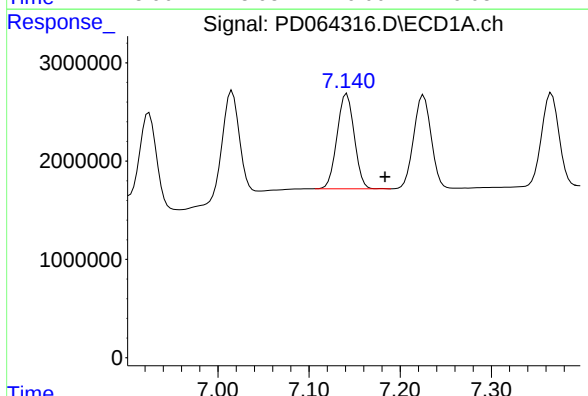
R.T.: 0.000 min  
Exp R.T.: 6.670 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



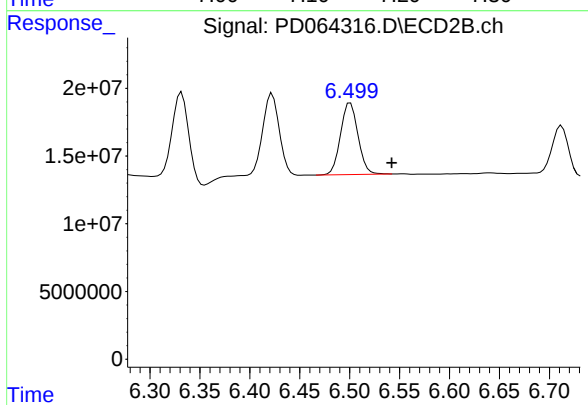
#23 Toxaphene-2

R.T.: 5.995 min  
Delta R.T.: 0.015 min  
Response: 2677771  
Conc: 28.81 ng/ml



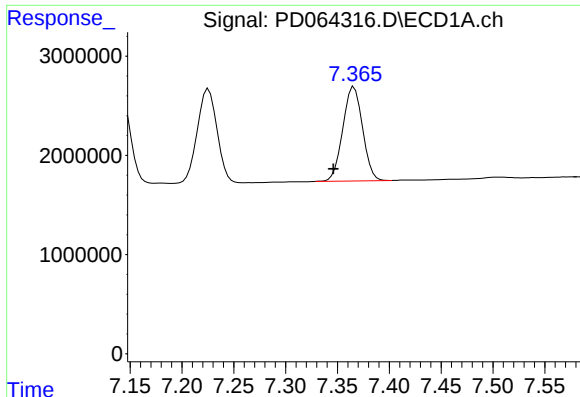
#24 Toxaphene-3

R.T.: 7.142 min  
Delta R.T.: -0.042 min  
Response: 12695067  
Conc: 1135.79 ng/ml



#24 Toxaphene-3

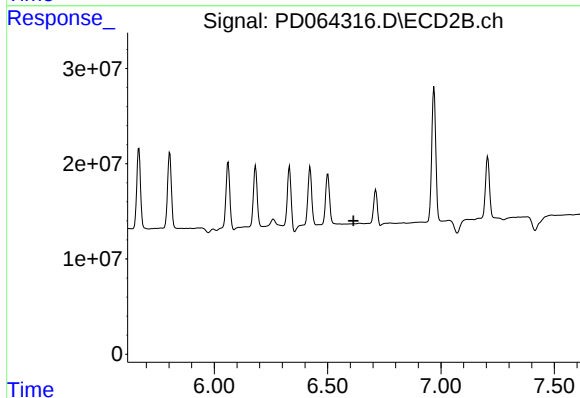
R.T.: 6.501 min  
Delta R.T.: -0.041 min  
Response: 64579627  
Conc: 709.89 ng/ml



#25 Toxaphene-4

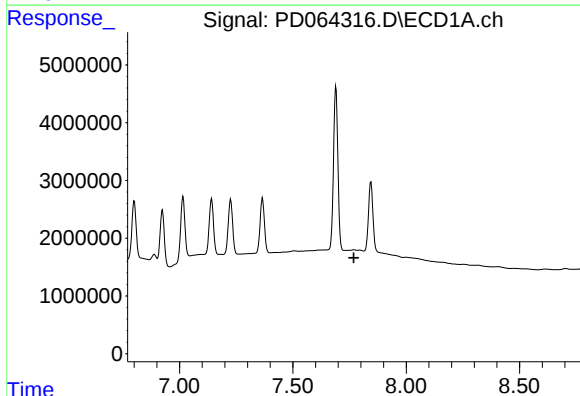
R.T.: 7.366 min  
Delta R.T.: 0.020 min  
Response: 12594303  
Conc: 564.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



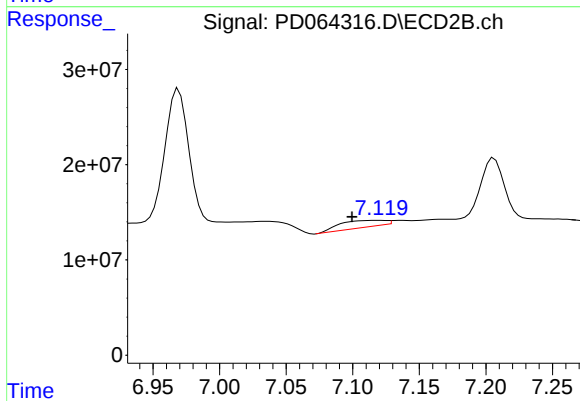
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 6.614 min  
Response: 0  
Conc: N.D.



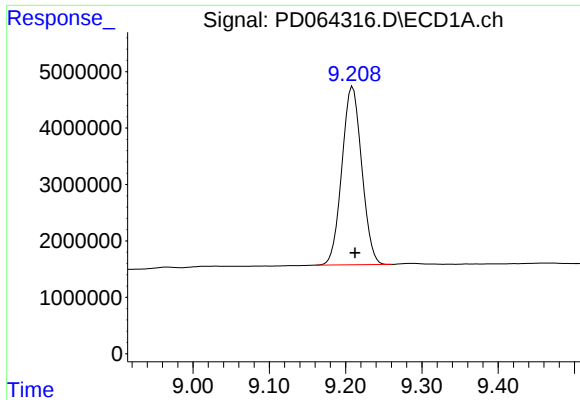
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.769 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

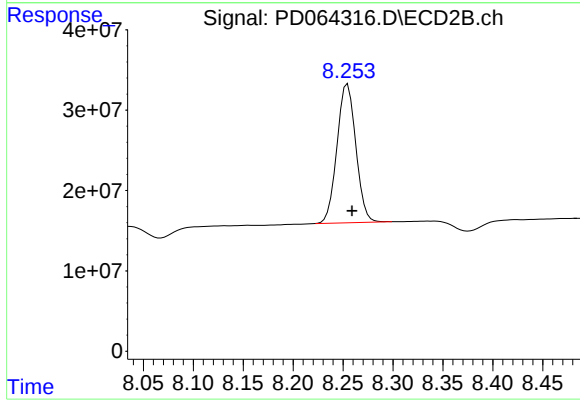
R.T.: 7.120 min  
Delta R.T.: 0.021 min  
Response: 17016398  
Conc: 136.73 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.209 min  
Delta R.T.: -0.003 min  
Response: 57096536  
Conc: 53.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.255 min  
Delta R.T.: -0.004 min  
Response: 227440348  
Conc: 43.54 ng/ml