

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060422\  
 Data File : PD070041.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jun 2022 20:24  
 Operator : AR\AJ  
 Sample : N2990-22MS  
 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: Jun 04 00:43:31 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052622.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 26 05:06:06 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.442 | 4.170 | 16863777 | 157.5E6  | 15.846   | 17.878    |
| 28)                         | SA Decachlor... | 8.194 | 9.364 | 14537671 | 78227362 | 13.328   | 14.465    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.881 | 4.566 | 93063322 | 787.7E6  | 56.790   | 60.151    |
| 3)                          | MA gamma-BHC... | 4.164 | 4.857 | 87928064 | 741.3E6  | 50.945   | 60.092    |
| 4)                          | MA Heptachlor   | 4.461 | 5.384 | 84453791 | 717.6E6  | 56.570   | 61.643    |
| 5)                          | MB Aldrin       | 4.708 | 5.696 | 75952224 | 771.6E6  | 52.408   | 66.882 #  |
| 6)                          | B beta-BHC      | 4.414 | 5.021 | 36524855 | 356.9E6  | 52.479   | 67.951 #  |
| 7)                          | B delta-BHC     | 4.618 | 5.246 | 84782780 | 609.6E6  | 55.647   | 64.074    |
| 8)                          | B Heptachlo...  | 5.151 | 6.085 | 75736200 | 561.4E6  | 56.715   | 71.338 #  |
| 9)                          | A Endosulfan I  | 5.490 | 6.447 | 70446262 | 560.4E6  | 56.223   | 61.441    |
| 10)                         | B gamma-Chl...  | 5.377 | 6.322 | 76492338 | 622.2E6  | 56.529   | 62.785    |
| 11)                         | B alpha-Chl...  | 5.436 | 6.396 | 75250241 | 597.2E6  | 56.523   | 61.452    |
| 12)                         | B 4,4'-DDE      | 5.602 | 6.546 | 70635581 | 561.6E6  | 55.752   | 62.067    |
| 13)                         | MA Dieldrin     | 5.733 | 6.706 | 76848498 | 595.3E6  | 58.381   | 63.099    |
| 14)                         | MA Endrin       | 5.992 | 6.926 | 69216445 | 469.4E6  | 59.945   | 69.549    |
| 15)                         | B Endosulfa...  | 6.265 | 7.132 | 65797139 | 468.7E6  | 59.152   | 63.094    |
| 16)                         | A 4,4'-DDD      | 6.119 | 7.038 | 61316540 | 472.5E6  | 56.670   | 63.811    |
| 17)                         | MA 4,4'-DDT     | 6.358 | 7.340 | 62145381 | 468.6E6  | 62.705   | 64.036    |
| 18)                         | B Endrin al...  | 6.435 | 7.255 | 50901262 | 362.7E6  | 59.243   | 63.174    |
| 19)                         | B Endosulfa...  | 6.648 | 7.480 | 67449913 | 447.6E6  | 58.514   | 60.705    |
| 20)                         | A Methoxychlor  | 6.909 | 7.794 | 39397577 | 224.4E6  | 69.447   | 62.944    |
| 21)                         | B Endrin ke...  | 7.141 | 7.955 | 76497464 | 468.7E6  | 57.406   | 58.871    |
| 22)                         | Mirex           | 7.324 | 8.421 | 56834920 | 322.1E6  | 56.523   | 60.300    |
| 25)                         | Chlordane-3     | 5.377 | 6.322 | 76492338 | 622.2E6  | 603.205  | 482.486   |
| 26)                         | Chlordane-4     | 5.436 | 6.396 | 75250241 | 597.2E6  | 713.815  | 394.121 # |
| 27)                         | Chlordane-5     | 6.265 | 0.000 | 65797139 | 0        | 1564.517 | N.D. #    |
| -----                       |                 |       |       |          |          |          |           |

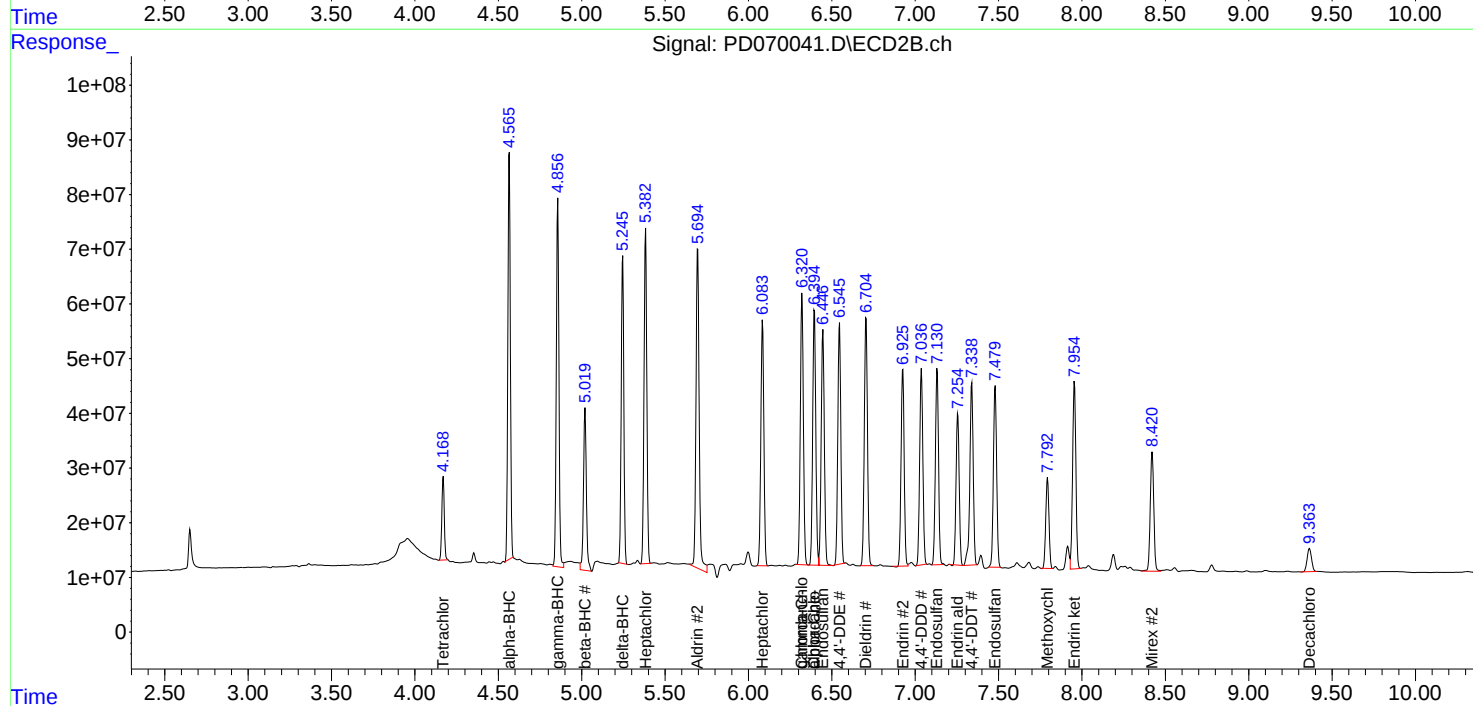
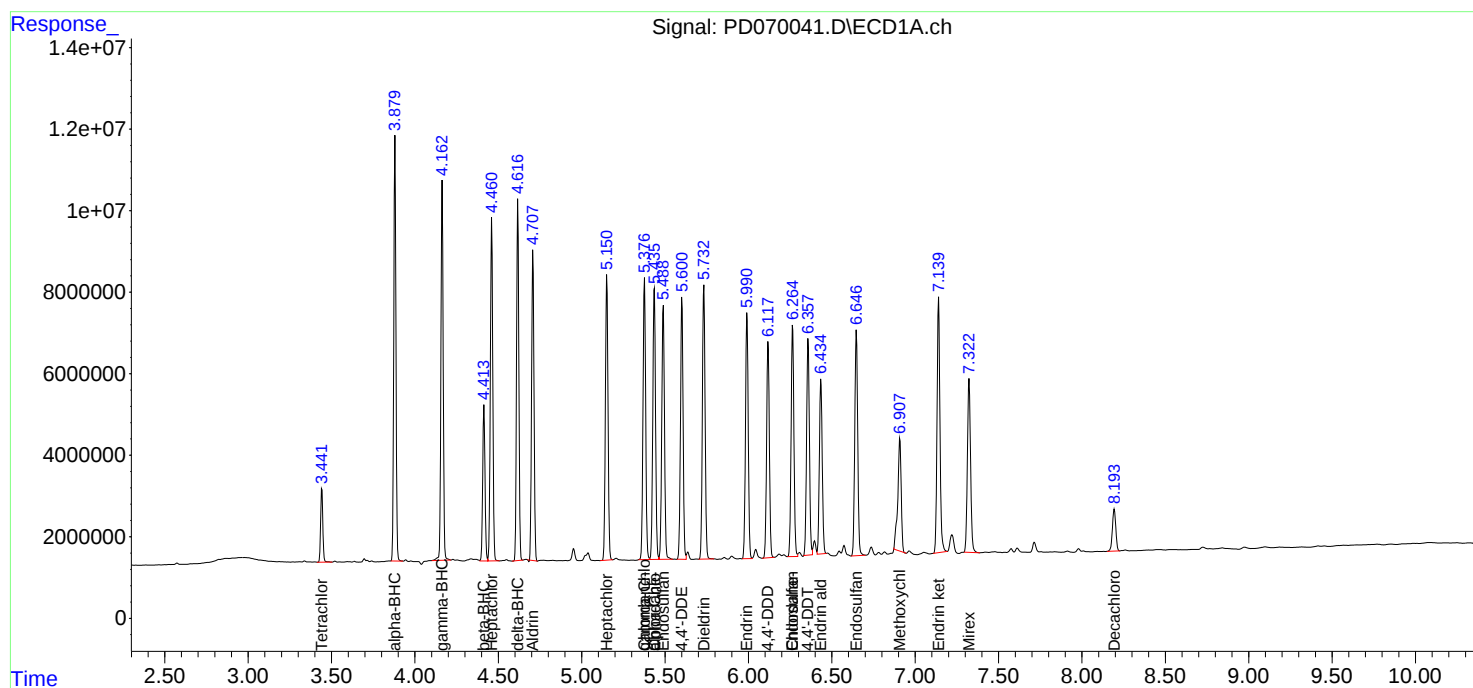
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

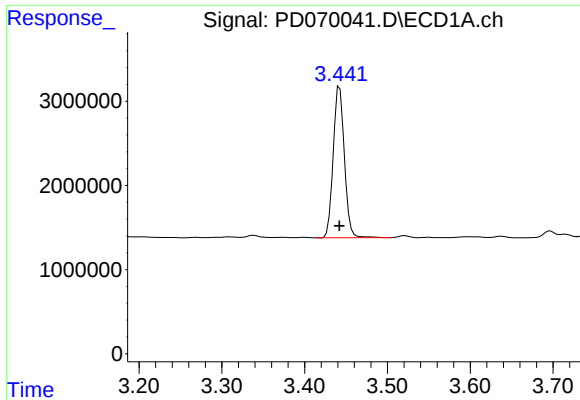
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060422\  
Data File : PD070041.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jun 2022 20:24  
Operator : AR\AJ  
Sample : N2990-22MS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 04 00:43:31 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052622.M  
Quant Title : GC Extractables  
QLast Update : Thu May 26 05:06:06 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

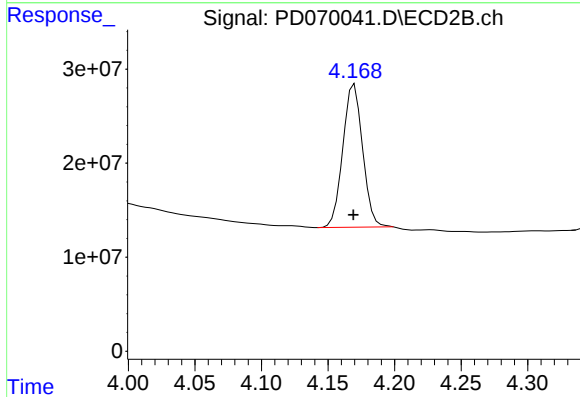




#1 Tetrachloro-m-xylene

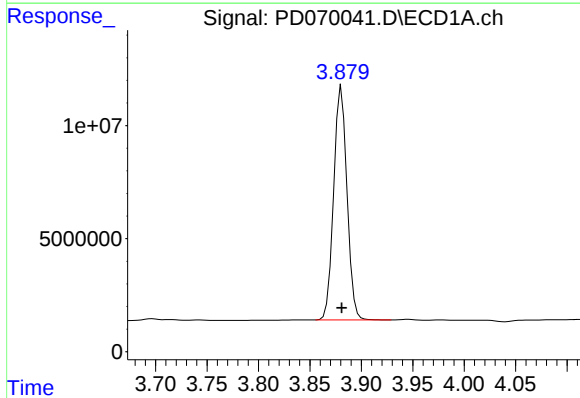
R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 16863777  
Conc: 15.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



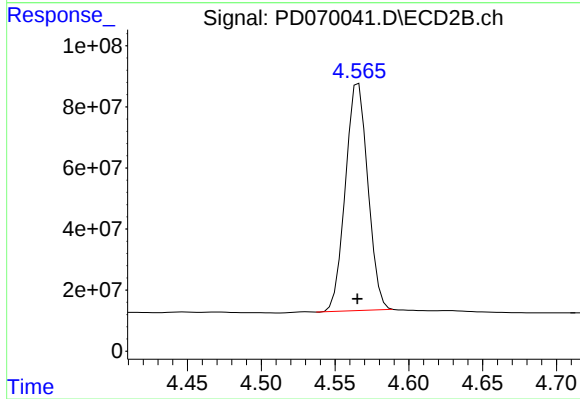
#1 Tetrachloro-m-xylene

R.T.: 4.170 min  
Delta R.T.: 0.000 min  
Response: 157535801  
Conc: 17.88 ng/ml



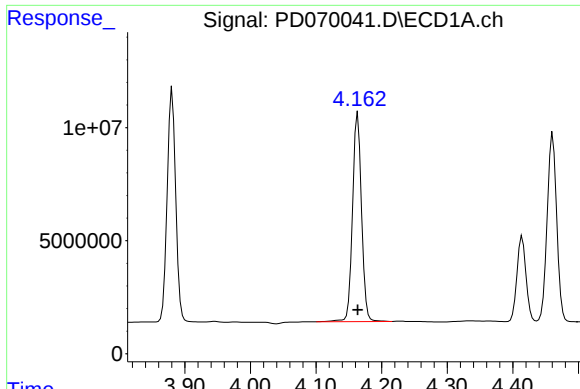
#2 alpha-BHC

R.T.: 3.881 min  
Delta R.T.: 0.000 min  
Response: 93063322  
Conc: 56.79 ng/ml



#2 alpha-BHC

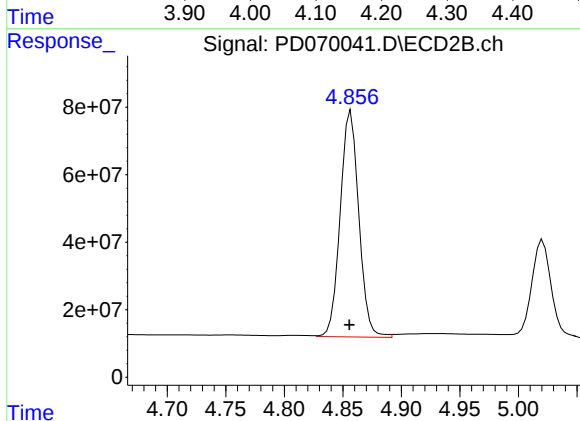
R.T.: 4.566 min  
Delta R.T.: 0.000 min  
Response: 787688975  
Conc: 60.15 ng/ml



#3 gamma-BHC (Lindane)

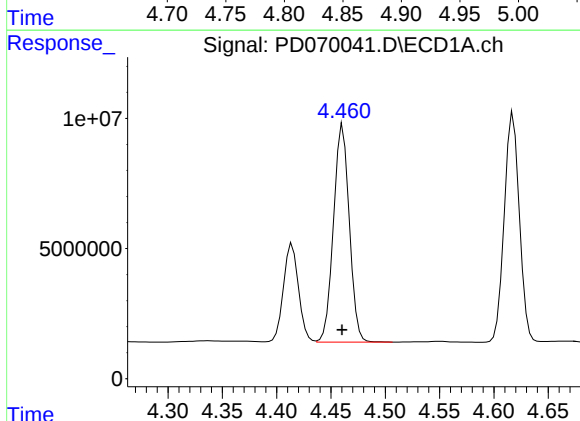
R.T.: 4.164 min  
Delta R.T.: 0.000 min  
Response: 87928064  
Conc: 50.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



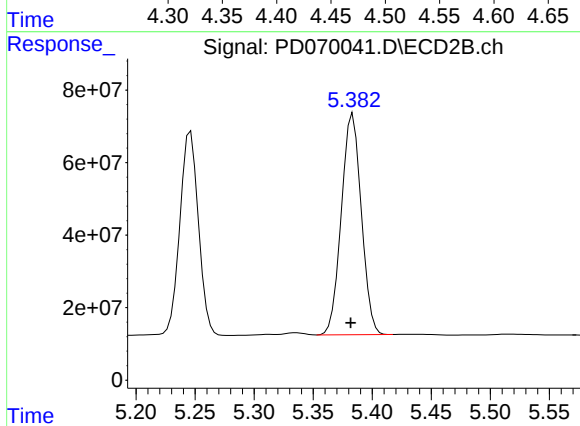
#3 gamma-BHC (Lindane)

R.T.: 4.857 min  
Delta R.T.: 0.001 min  
Response: 741291690  
Conc: 60.09 ng/ml



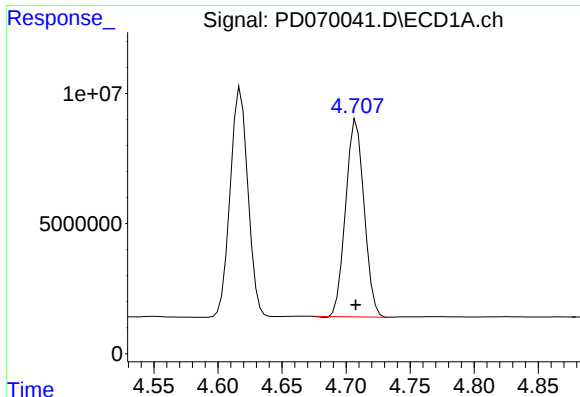
#4 Heptachlor

R.T.: 4.461 min  
Delta R.T.: 0.000 min  
Response: 84453791  
Conc: 56.57 ng/ml



#4 Heptachlor

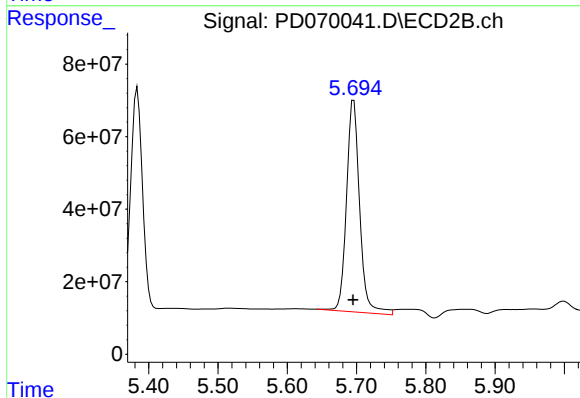
R.T.: 5.384 min  
Delta R.T.: 0.002 min  
Response: 717621811  
Conc: 61.64 ng/ml



#5 Aldrin

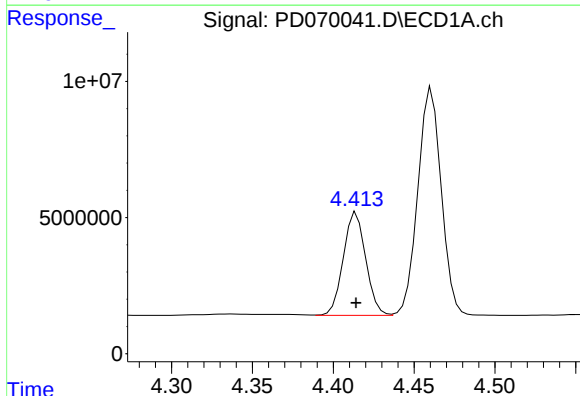
R.T.: 4.708 min  
Delta R.T.: 0.000 min  
Response: 75952224  
Conc: 52.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



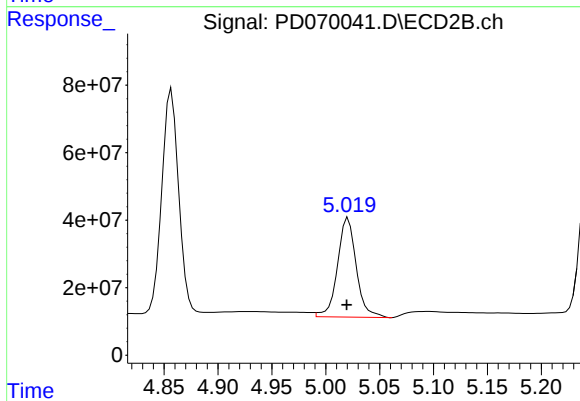
#5 Aldrin

R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 771552405  
Conc: 66.88 ng/ml



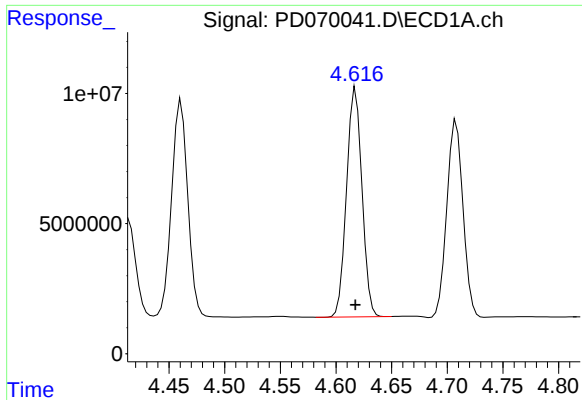
#6 beta-BHC

R.T.: 4.414 min  
Delta R.T.: 0.000 min  
Response: 36524855  
Conc: 52.48 ng/ml



#6 beta-BHC

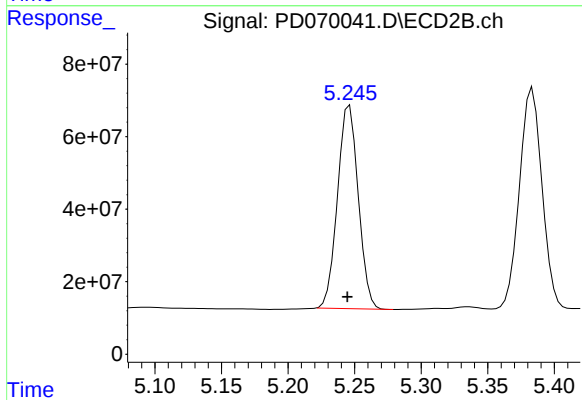
R.T.: 5.021 min  
Delta R.T.: 0.002 min  
Response: 356942530  
Conc: 67.95 ng/ml



#7 delta-BHC

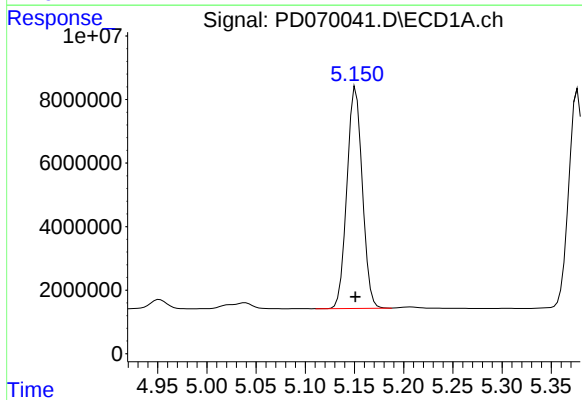
R.T.: 4.618 min  
Delta R.T.: 0.000 min  
Response: 84782780  
Conc: 55.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



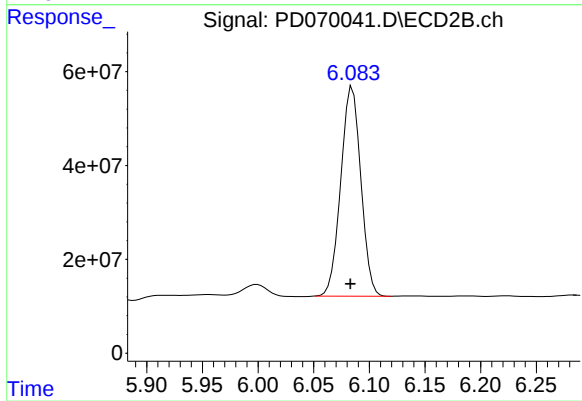
#7 delta-BHC

R.T.: 5.246 min  
Delta R.T.: 0.002 min  
Response: 609557710  
Conc: 64.07 ng/ml



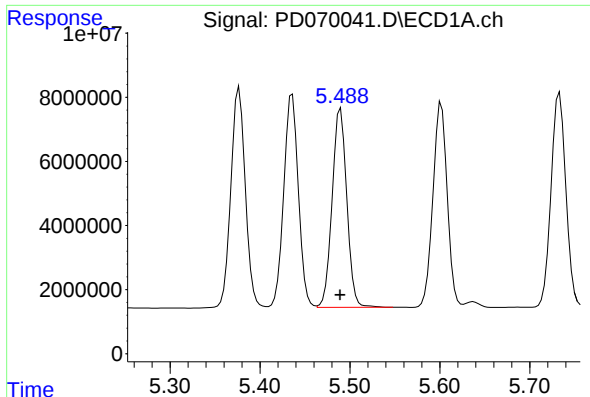
#8 Heptachlor epoxide

R.T.: 5.151 min  
Delta R.T.: 0.000 min  
Response: 75736200  
Conc: 56.71 ng/ml



#8 Heptachlor epoxide

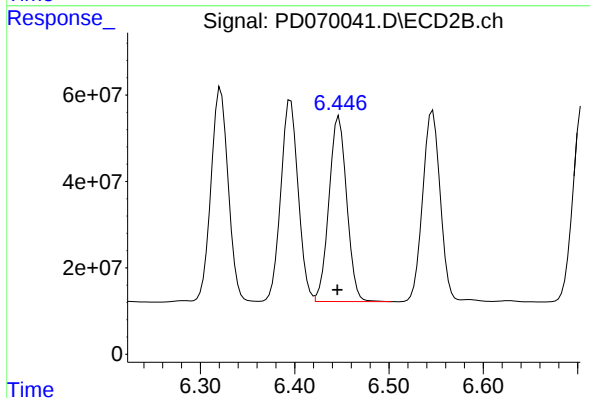
R.T.: 6.085 min  
Delta R.T.: 0.002 min  
Response: 561354207  
Conc: 71.34 ng/ml



#9 Endosulfan I

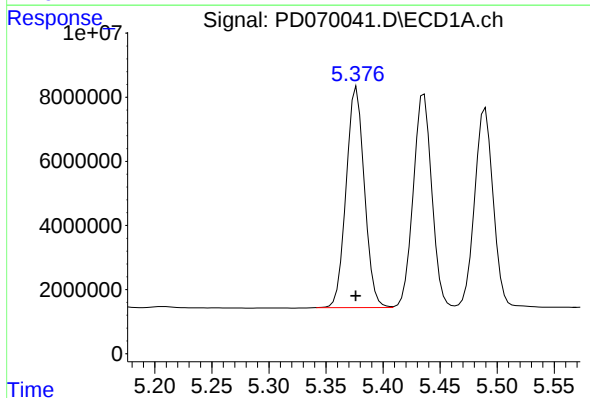
R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 70446262  
Conc: 56.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



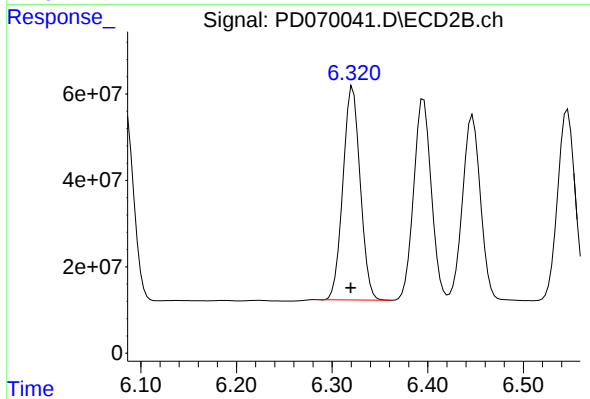
#9 Endosulfan I

R.T.: 6.447 min  
Delta R.T.: 0.002 min  
Response: 560372030  
Conc: 61.44 ng/ml



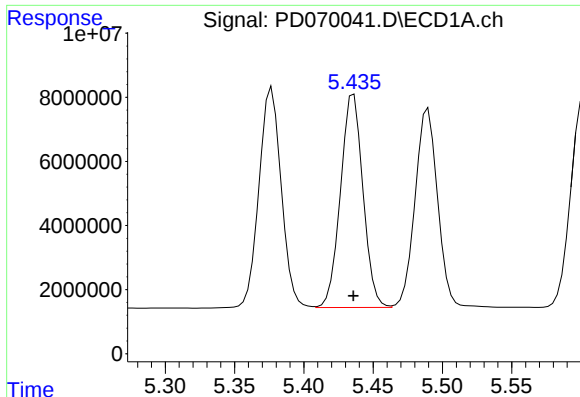
#10 gamma-Chlordane

R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 76492338  
Conc: 56.53 ng/ml



#10 gamma-Chlordane

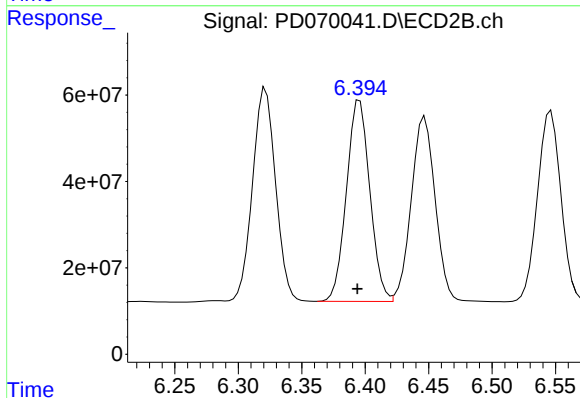
R.T.: 6.322 min  
Delta R.T.: 0.002 min  
Response: 622209613  
Conc: 62.79 ng/ml



#11 alpha-Chlordane

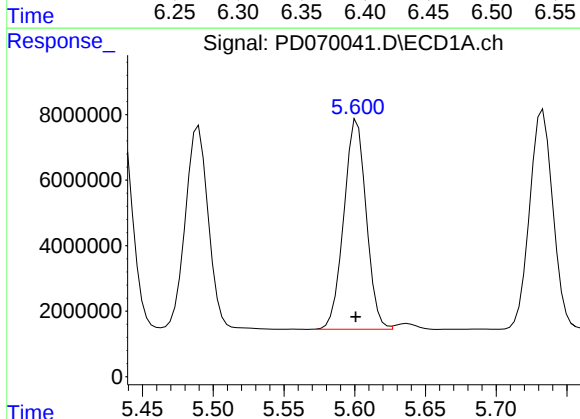
R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 75250241  
Conc: 56.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



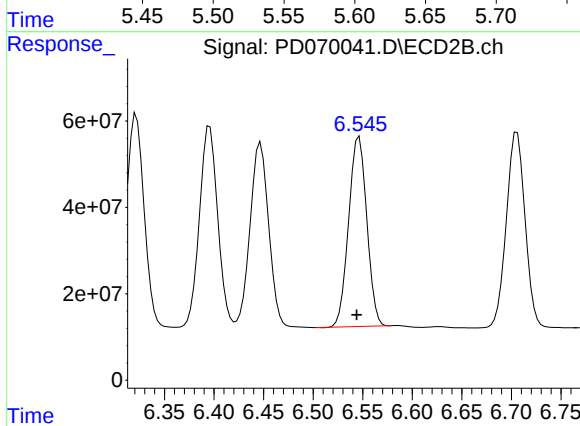
#11 alpha-Chlordane

R.T.: 6.396 min  
Delta R.T.: 0.002 min  
Response: 597235953  
Conc: 61.45 ng/ml



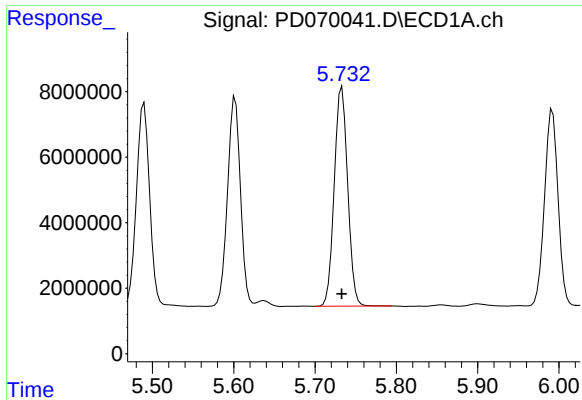
#12 4,4'-DDE

R.T.: 5.602 min  
Delta R.T.: 0.000 min  
Response: 70635581  
Conc: 55.75 ng/ml



#12 4,4'-DDE

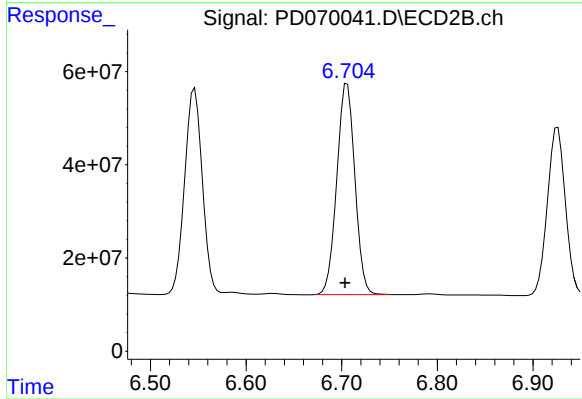
R.T.: 6.546 min  
Delta R.T.: 0.002 min  
Response: 561571071  
Conc: 62.07 ng/ml



#13 Dieldrin

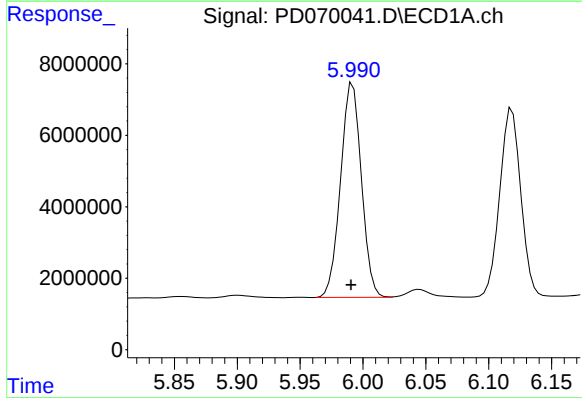
R.T.: 5.733 min  
Delta R.T.: 0.000 min  
Response: 76848498  
Conc: 58.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



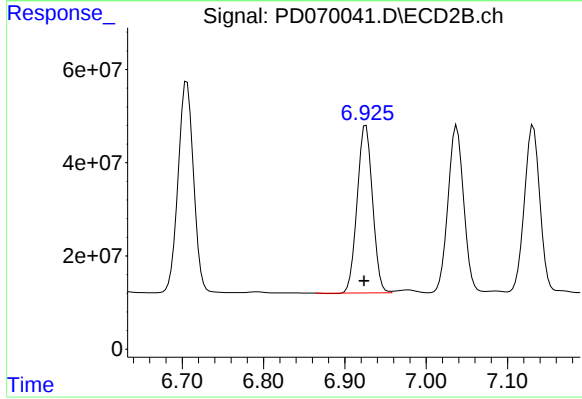
#13 Dieldrin

R.T.: 6.706 min  
Delta R.T.: 0.002 min  
Response: 595305119  
Conc: 63.10 ng/ml



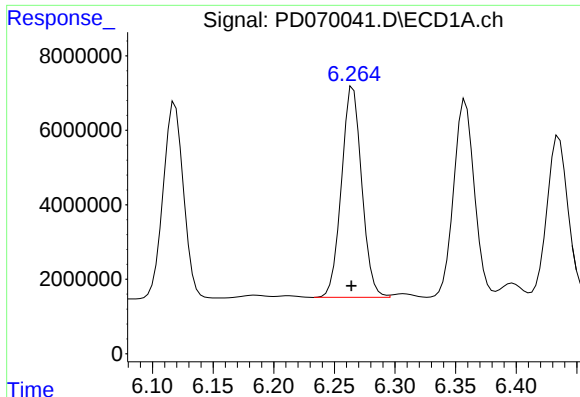
#14 Endrin

R.T.: 5.992 min  
Delta R.T.: 0.001 min  
Response: 69216445  
Conc: 59.94 ng/ml



#14 Endrin

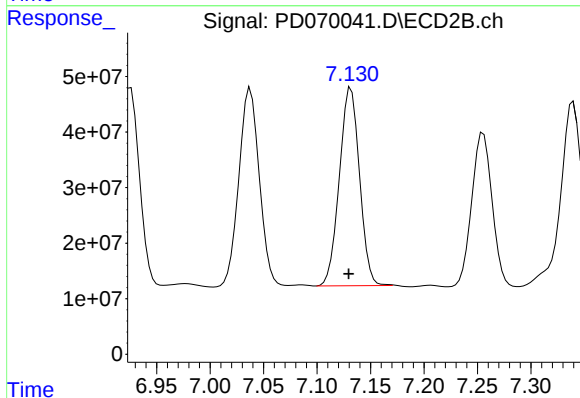
R.T.: 6.926 min  
Delta R.T.: 0.002 min  
Response: 469398086  
Conc: 69.55 ng/ml



#15 Endosulfan II

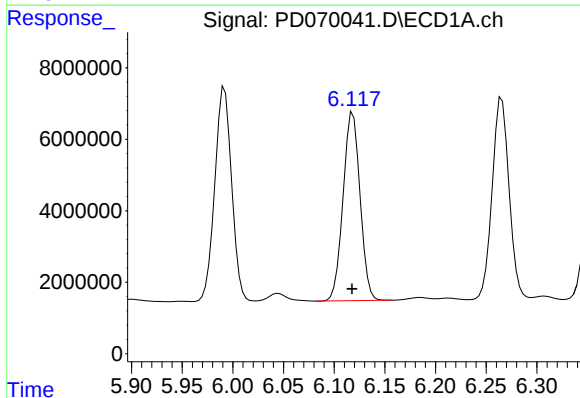
R.T.: 6.265 min  
Delta R.T.: 0.002 min  
Response: 65797139  
Conc: 59.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



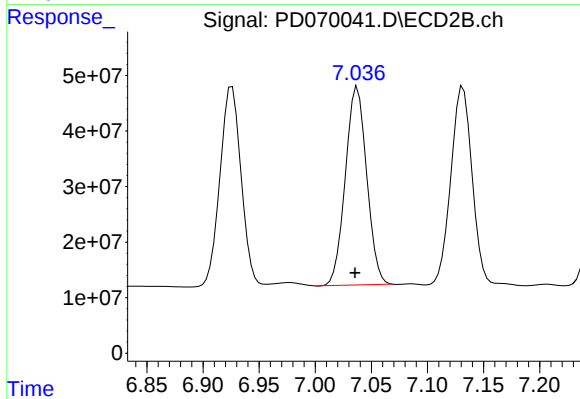
#15 Endosulfan II

R.T.: 7.132 min  
Delta R.T.: 0.002 min  
Response: 468654385  
Conc: 63.09 ng/ml



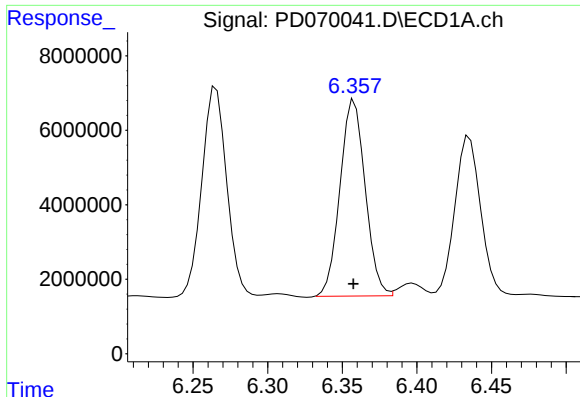
#16 4,4'-DDD

R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 61316540  
Conc: 56.67 ng/ml



#16 4,4'-DDD

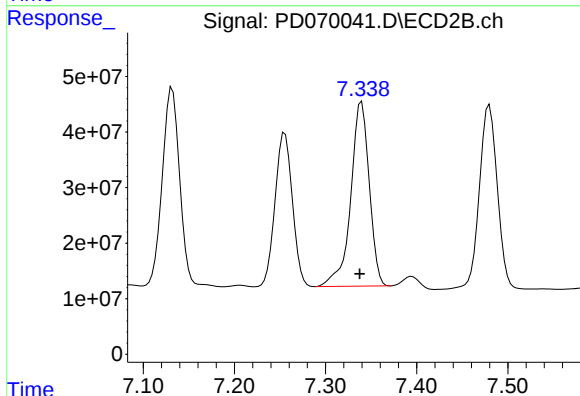
R.T.: 7.038 min  
Delta R.T.: 0.002 min  
Response: 472537124  
Conc: 63.81 ng/ml



#17 4,4'-DDT

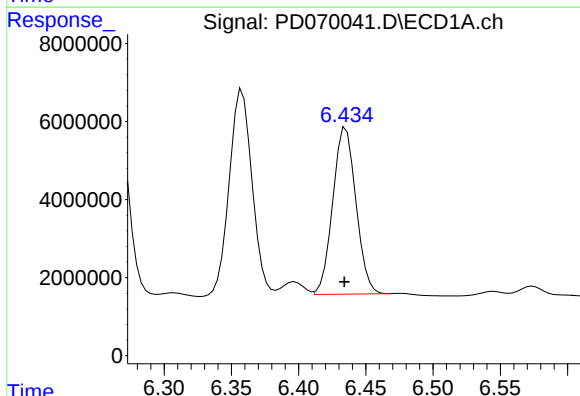
R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 62145381  
Conc: 62.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



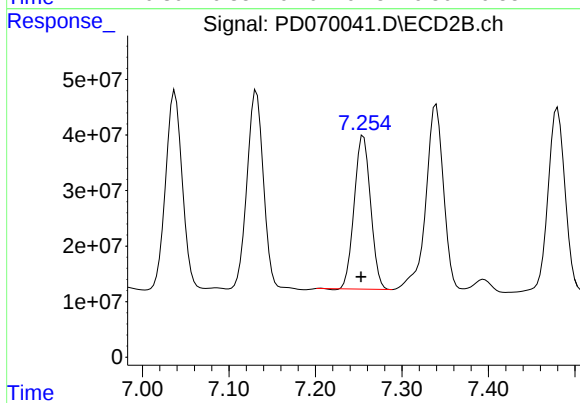
#17 4,4'-DDT

R.T.: 7.340 min  
Delta R.T.: 0.002 min  
Response: 468623364  
Conc: 64.04 ng/ml



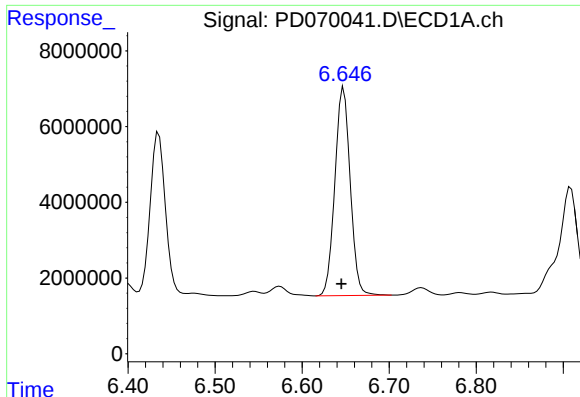
#18 Endrin aldehyde

R.T.: 6.435 min  
Delta R.T.: 0.001 min  
Response: 50901262  
Conc: 59.24 ng/ml



#18 Endrin aldehyde

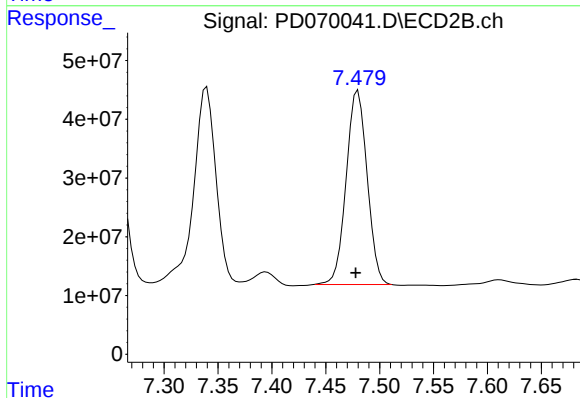
R.T.: 7.255 min  
Delta R.T.: 0.002 min  
Response: 362731625  
Conc: 63.17 ng/ml



#19 Endosulfan Sulfate

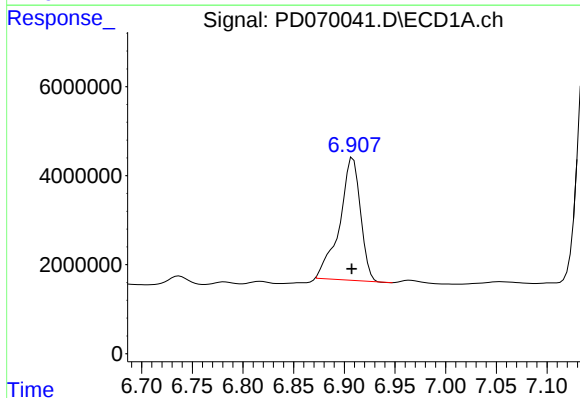
R.T.: 6.648 min  
Delta R.T.: 0.002 min  
Response: 67449913  
Conc: 58.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



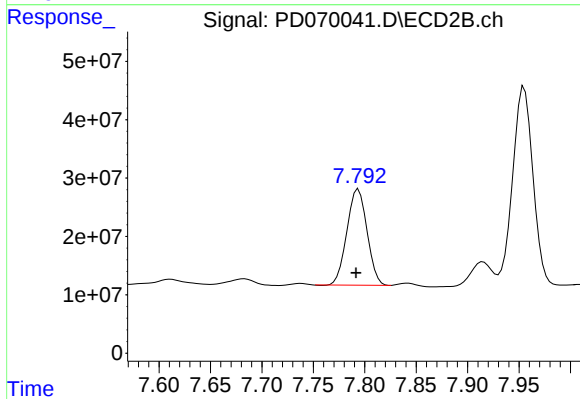
#19 Endosulfan Sulfate

R.T.: 7.480 min  
Delta R.T.: 0.002 min  
Response: 447578426  
Conc: 60.70 ng/ml



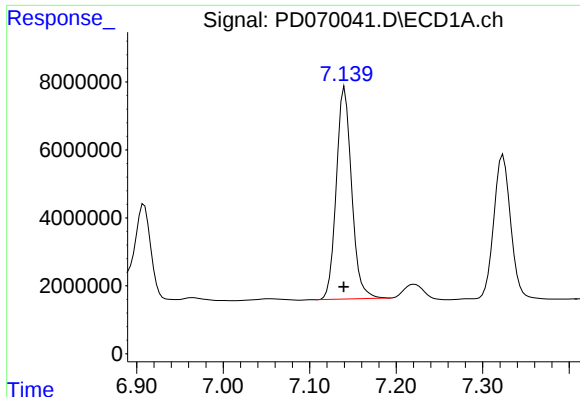
#20 Methoxychlor

R.T.: 6.909 min  
Delta R.T.: 0.001 min  
Response: 39397577  
Conc: 69.45 ng/ml



#20 Methoxychlor

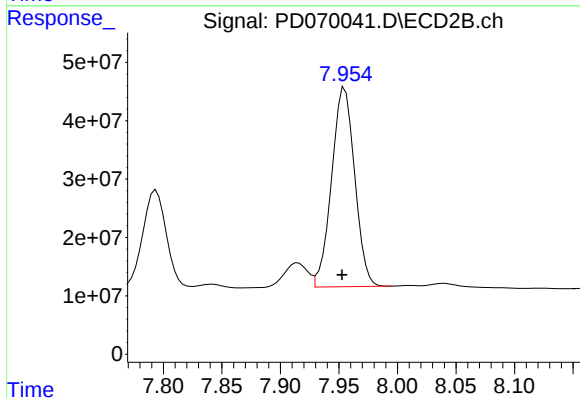
R.T.: 7.794 min  
Delta R.T.: 0.002 min  
Response: 224433572  
Conc: 62.94 ng/ml



#21 Endrin ketone

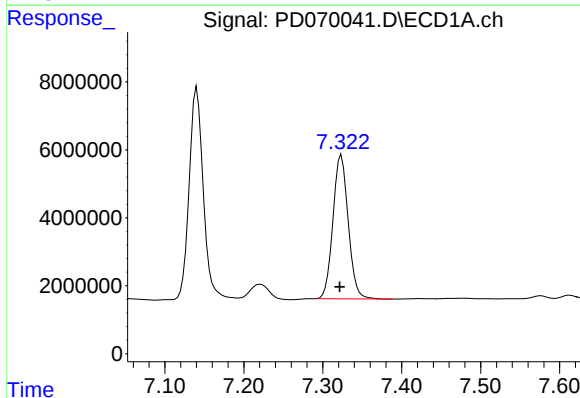
R.T.: 7.141 min  
Delta R.T.: 0.001 min  
Response: 76497464  
Conc: 57.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



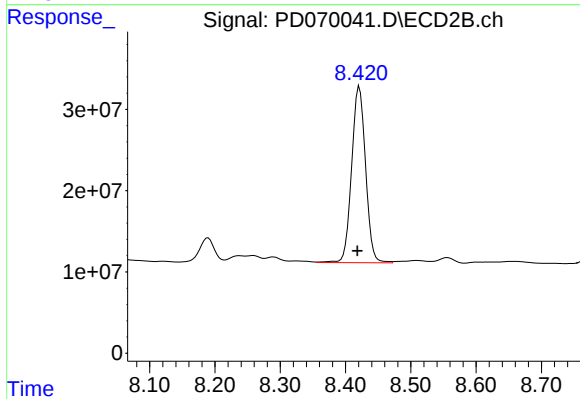
#21 Endrin ketone

R.T.: 7.955 min  
Delta R.T.: 0.002 min  
Response: 468690169  
Conc: 58.87 ng/ml



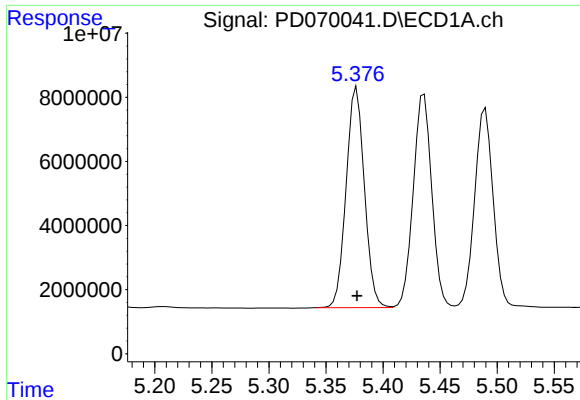
#22 Mirex

R.T.: 7.324 min  
Delta R.T.: 0.002 min  
Response: 56834920  
Conc: 56.52 ng/ml



#22 Mirex

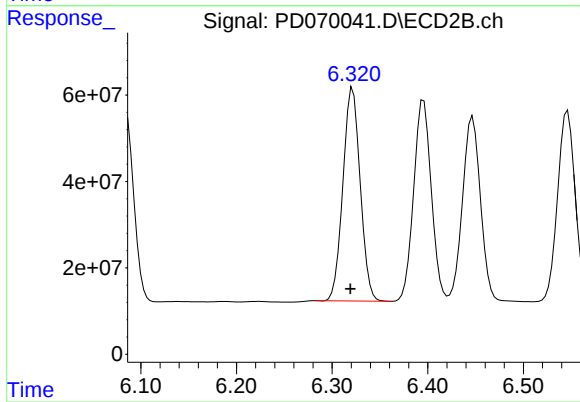
R.T.: 8.421 min  
Delta R.T.: 0.003 min  
Response: 322134476  
Conc: 60.30 ng/ml



#25 Chlordane-3

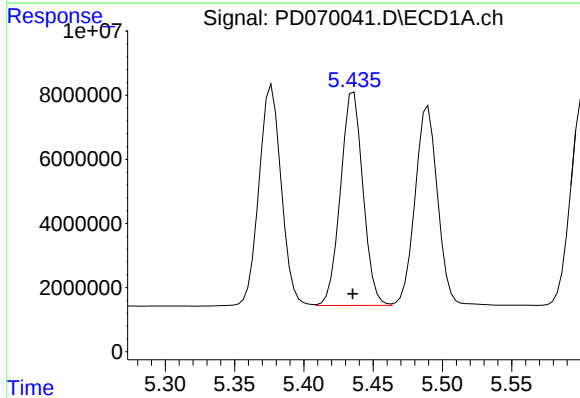
R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 76492338  
Conc: 603.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



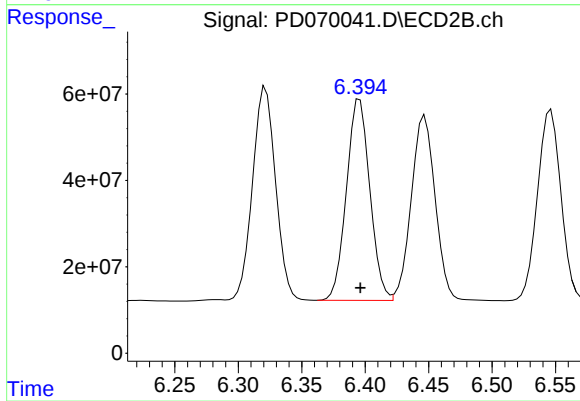
#25 Chlordane-3

R.T.: 6.322 min  
Delta R.T.: 0.002 min  
Response: 622209613  
Conc: 482.49 ng/ml



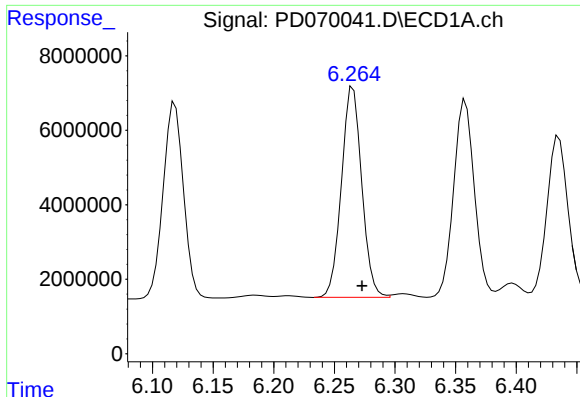
#26 Chlordane-4

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 75250241  
Conc: 713.82 ng/ml



#26 Chlordane-4

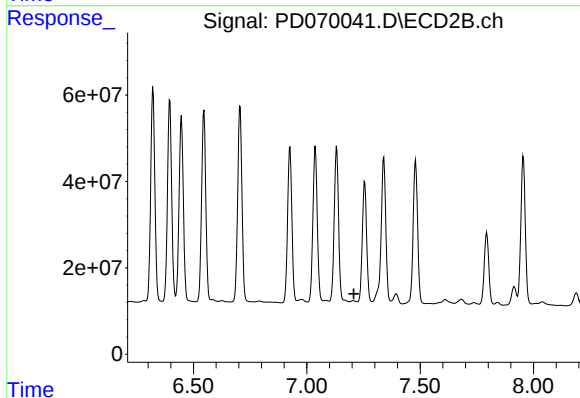
R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 597235953  
Conc: 394.12 ng/ml



#27 Chlordane-5

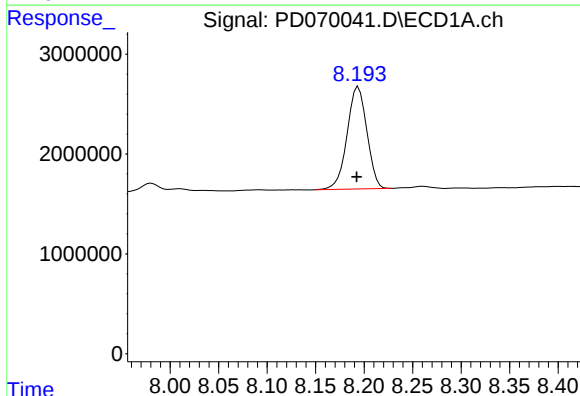
R.T.: 6.265 min  
Delta R.T.: -0.007 min  
Response: 65797139  
Conc: 1564.52 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



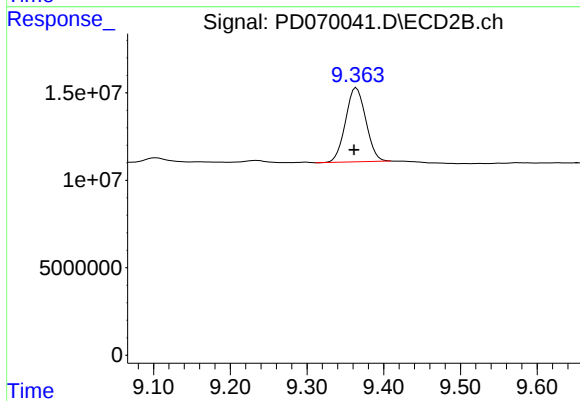
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.207 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.194 min  
Delta R.T.: 0.002 min  
Response: 14537671  
Conc: 13.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.364 min  
Delta R.T.: 0.003 min  
Response: 78227362  
Conc: 14.46 ng/ml