

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091422\  
 Data File : PD071863.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Sep 2022 10:04  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/14/2022  
 Supervised By : Ankita Jodhani 09/14/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 14 04:57:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091022.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 10 22:11:50 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 x 0.2 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... | 2.805 | 3.564 | 54476213 | 701.4E6  | 22.278  | 24.444   |
| 28)                         | SA Decachlor... | 7.996 | 9.091 | 50344698 | 217.6E6  | 19.984  | 23.408   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.314 | 4.030 | 41140464 | 522.5E6  | 10.675  | 13.020   |
| 3)                          | MA gamma-BHC... | 3.648 | 4.366 | 37406832 | 437.8E6  | 10.654  | 13.334 # |
| 6)                          | B beta-BHC      | 3.946 | 4.573 | 18039161 | 176.3E6  | 11.906  | 13.337   |
| 12)                         | B 4,4'-DDE      | 5.291 | 6.221 | 378513   | 1725634  | 0.124m  | 0.117m   |
| 14)                         | MA Endrin       | 5.702 | 6.615 | 145.3E6  | 605.8E6  | 49.045  | 47.961   |
| 16)                         | A 4,4'-DDD      | 5.850 | 6.748 | 6305778  | 39567592 | 2.487   | 3.329 #  |
| 17)                         | MA 4,4'-DDT     | 6.104 | 7.058 | 288.1E6  | 1220.8E6 | 109.451 | 98.817   |
| 18)                         | B Endrin al...  | 6.178 | 6.973 | 6555280  | 27434713 | 2.964   | 2.841    |
| 20)                         | A Methoxychlor  | 6.683 | 7.535 | 361.7E6  | 1434.5E6 | 241.527 | 235.972  |
| 21)                         | B Endrin ke...  | 6.912 | 7.696 | 10638012 | 48148191 | 3.545   | 3.871    |
| -----                       |                 |       |       |          |          |         |          |

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

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Data File : PD071863.D  
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Acq On : 13 Sep 2022 10:04  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

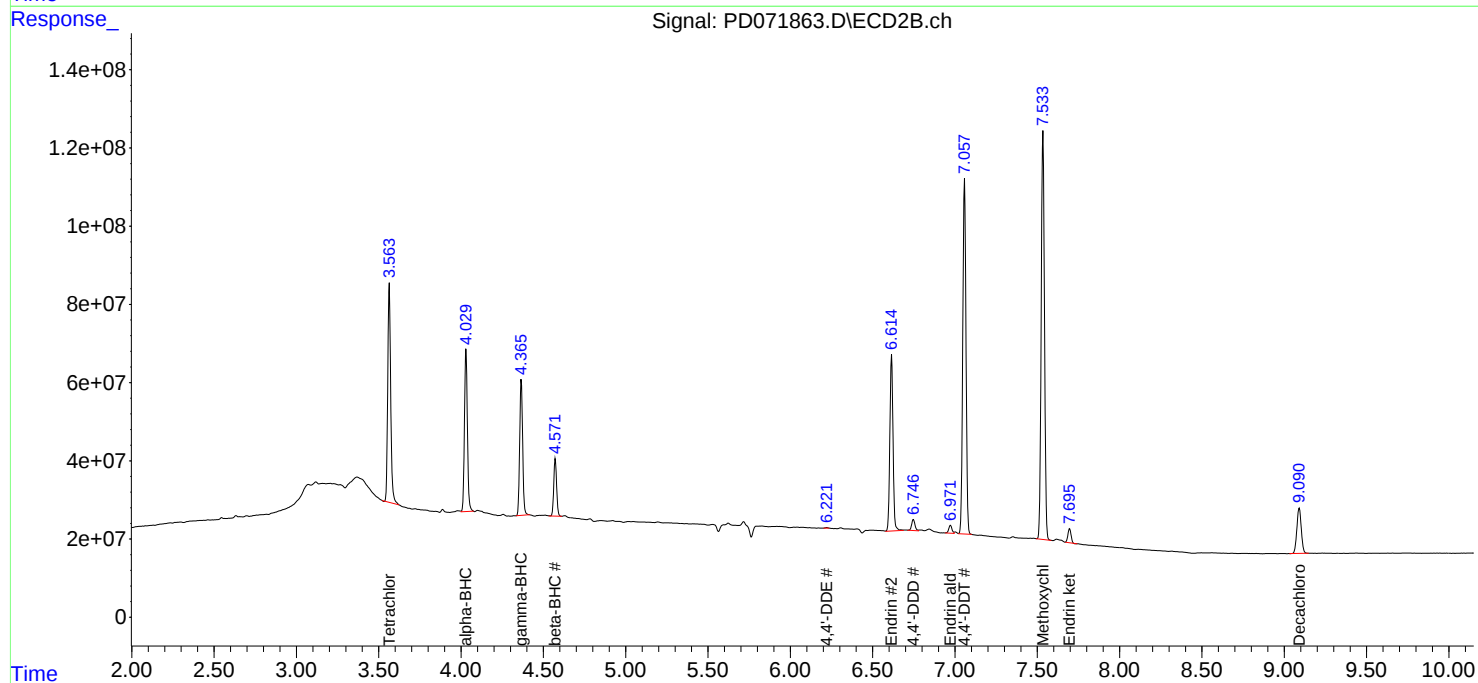
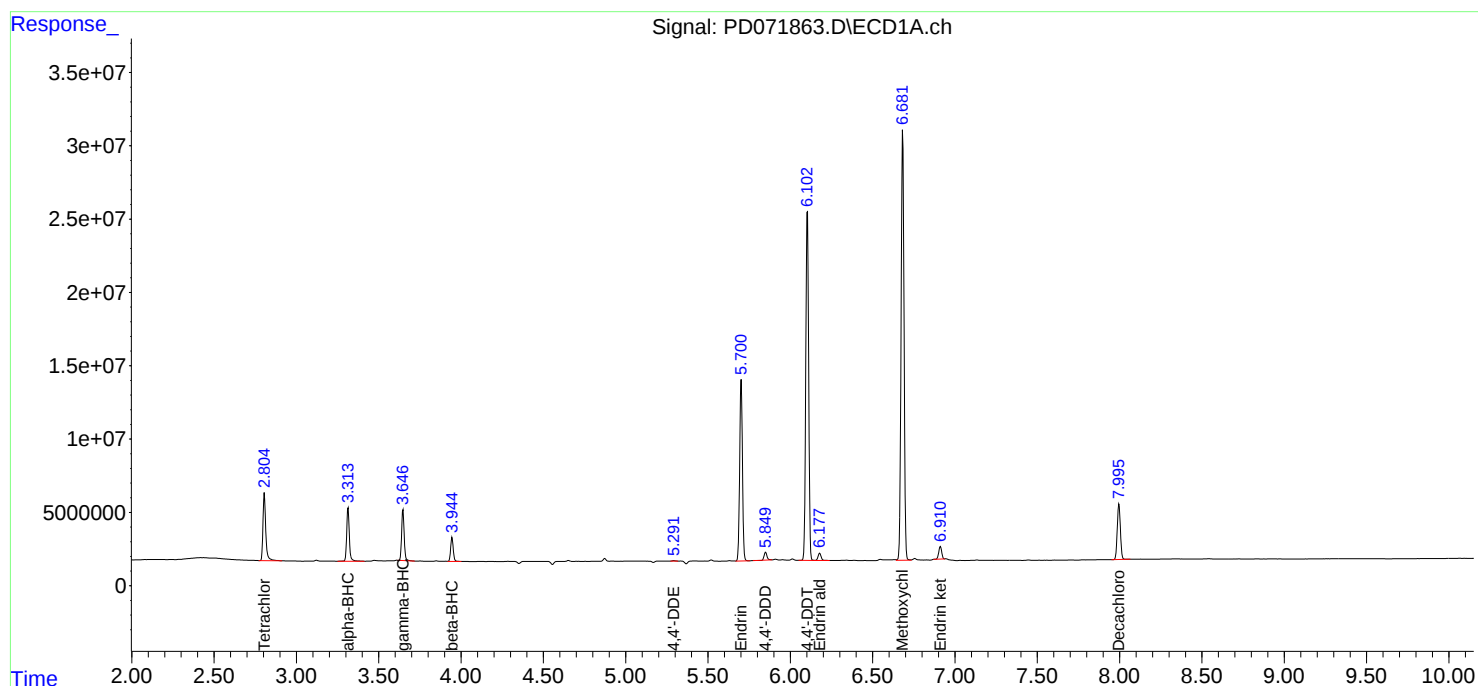
Instrument :  
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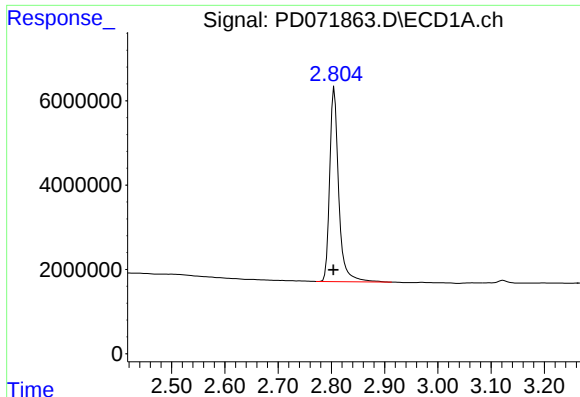
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 14 04:57:02 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091022.M  
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





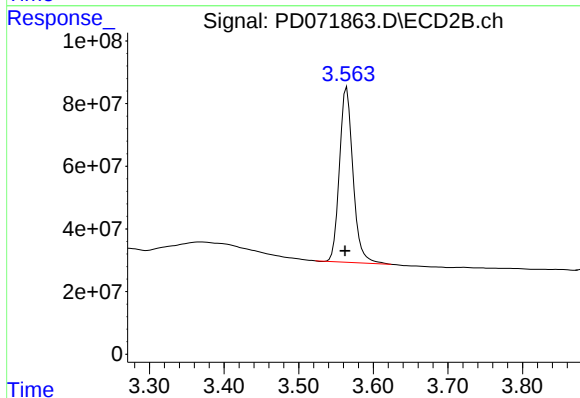
#1 Tetrachloro-m-xylene

R.T.: 2.805 min  
Delta R.T.: 0.001 min  
Response: 54476213  
Conc: 22.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

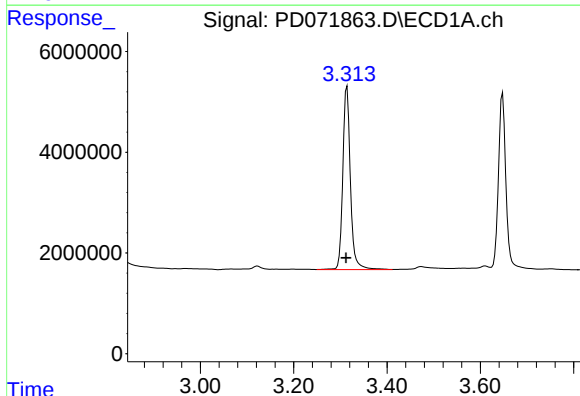
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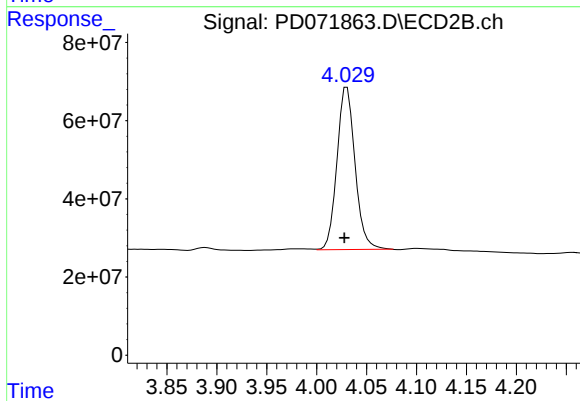
#1 Tetrachloro-m-xylene

R.T.: 3.564 min  
Delta R.T.: 0.003 min  
Response: 701431712  
Conc: 24.44 ng/ml



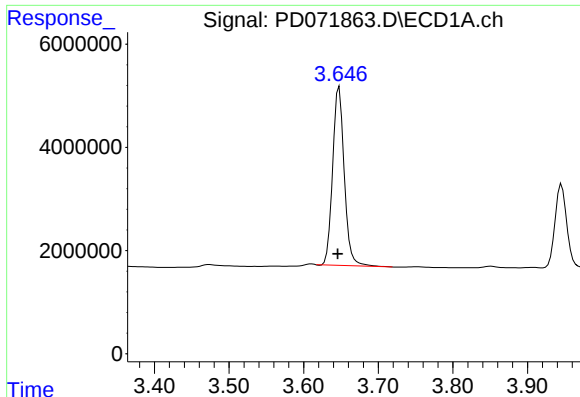
#2 alpha-BHC

R.T.: 3.314 min  
Delta R.T.: 0.002 min  
Response: 41140464  
Conc: 10.68 ng/ml



#2 alpha-BHC

R.T.: 4.030 min  
Delta R.T.: 0.003 min  
Response: 522497765  
Conc: 13.02 ng/ml



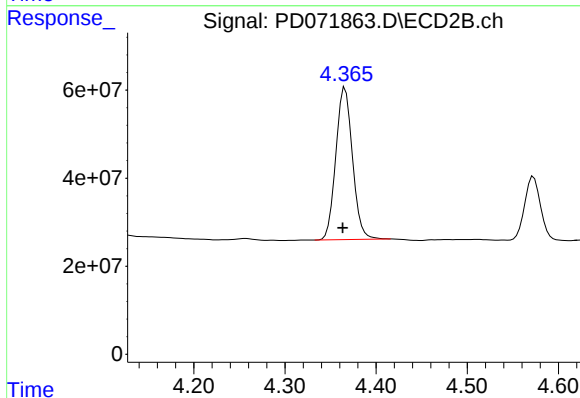
#3 gamma-BHC (Lindane)

R.T.: 3.648 min  
Delta R.T.: 0.002 min  
Response: 37406832  
Conc: 10.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

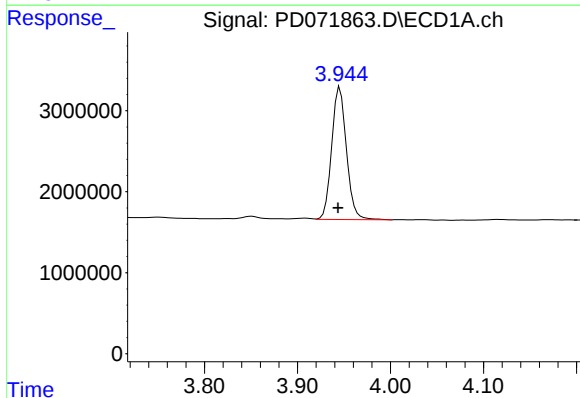
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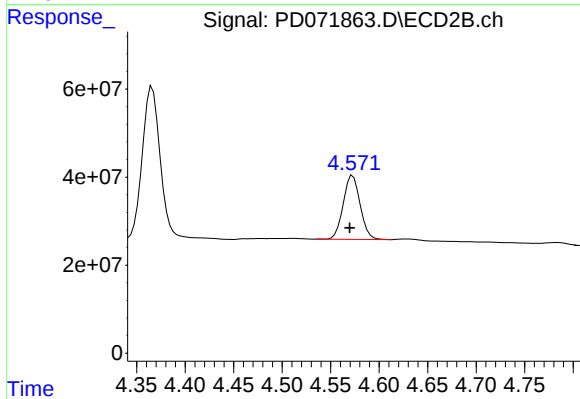
#3 gamma-BHC (Lindane)

R.T.: 4.366 min  
Delta R.T.: 0.003 min  
Response: 437776587  
Conc: 13.33 ng/ml



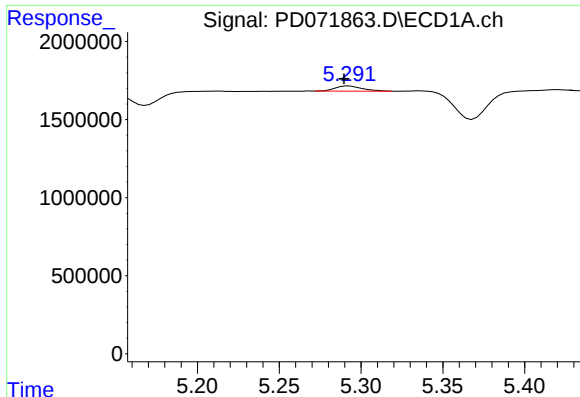
#6 beta-BHC

R.T.: 3.946 min  
Delta R.T.: 0.002 min  
Response: 18039161  
Conc: 11.91 ng/ml



#6 beta-BHC

R.T.: 4.573 min  
Delta R.T.: 0.003 min  
Response: 176269551  
Conc: 13.34 ng/ml



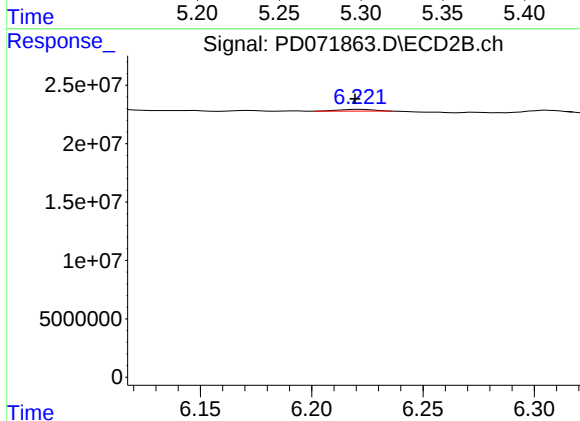
#12 4,4'-DDE

R.T.: 5.291 min  
Delta R.T.: 0.002 min  
Response: 378513  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

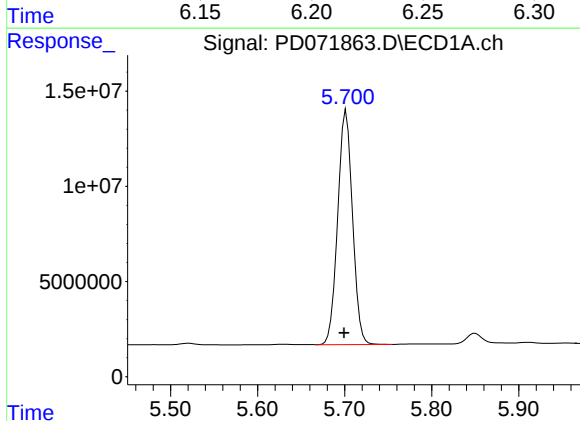
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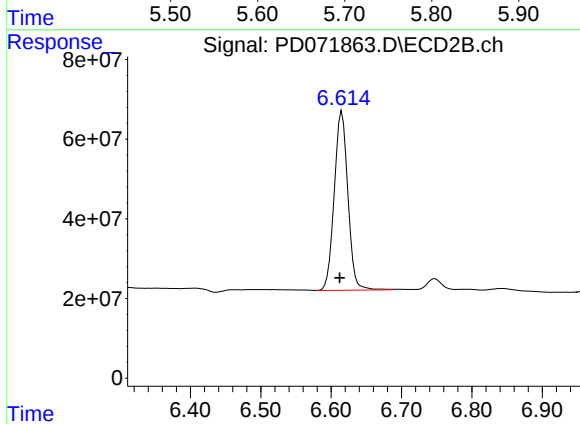
#12 4,4'-DDE

R.T.: 6.221 min  
Delta R.T.: 0.001 min  
Response: 1725634  
Conc: 0.12 ng/ml m



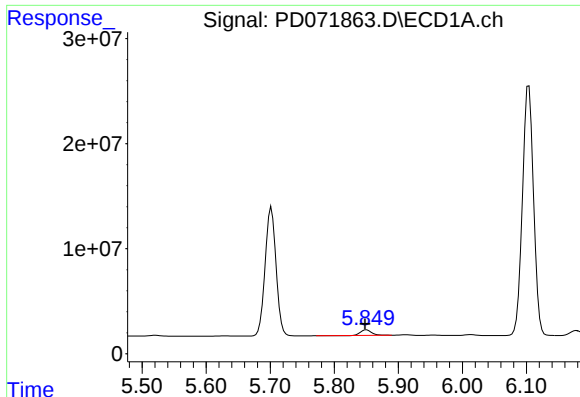
#14 Endrin

R.T.: 5.702 min  
Delta R.T.: 0.002 min  
Response: 145309779  
Conc: 49.04 ng/ml



#14 Endrin

R.T.: 6.615 min  
Delta R.T.: 0.003 min  
Response: 605765643  
Conc: 47.96 ng/ml



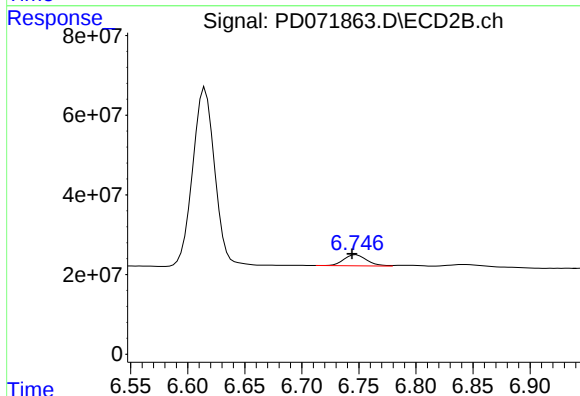
#16 4,4'-DDD

R.T.: 5.850 min  
Delta R.T.: 0.002 min  
Response: 6305778  
Conc: 2.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

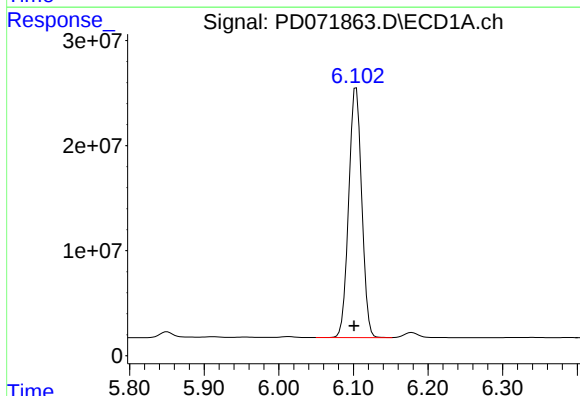
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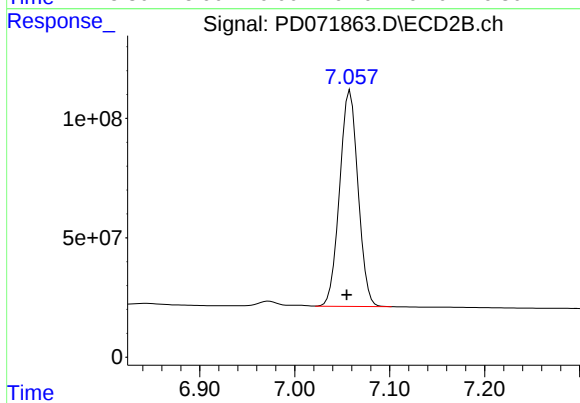
#16 4,4'-DDD

R.T.: 6.748 min  
Delta R.T.: 0.003 min  
Response: 39567592  
Conc: 3.33 ng/ml



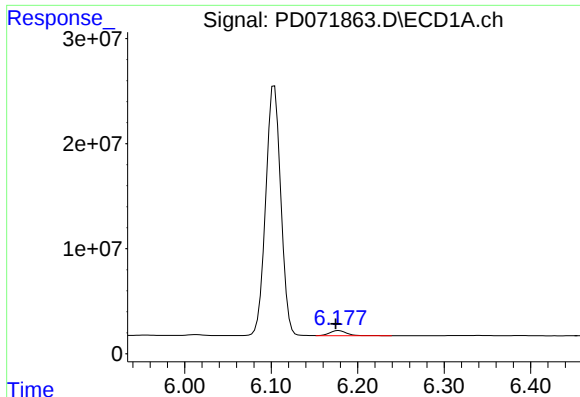
#17 4,4'-DDT

R.T.: 6.104 min  
Delta R.T.: 0.003 min  
Response: 288074919  
Conc: 109.45 ng/ml



#17 4,4'-DDT

R.T.: 7.058 min  
Delta R.T.: 0.004 min  
Response: 1220757211  
Conc: 98.82 ng/ml



# #18 Endrin aldehyde

R.T.: 6.178 min  
Delta R.T.: 0.004 min  
Response: 6555280  
Conc: 2.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

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# #18 Endrin aldehyde

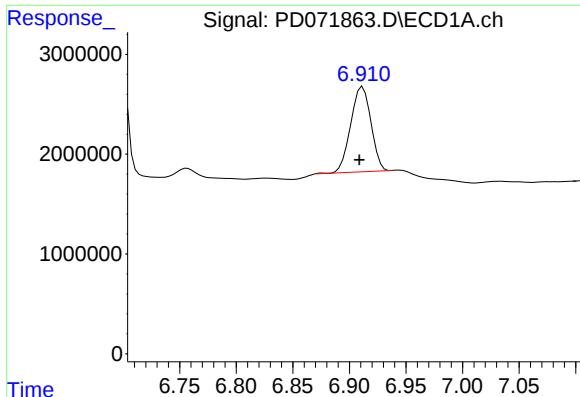
R.T.: 6.973 min  
Delta R.T.: 0.004 min  
Response: 27434713  
Conc: 2.84 ng/ml

# #20 Methoxychlor

R.T.: 6.683 min  
Delta R.T.: 0.003 min  
Response: 361650772  
Conc: 241.53 ng/ml

# #20 Methoxychlor

R.T.: 7.535 min  
Delta R.T.: 0.003 min  
Response: 1434503560  
Conc: 235.97 ng/ml



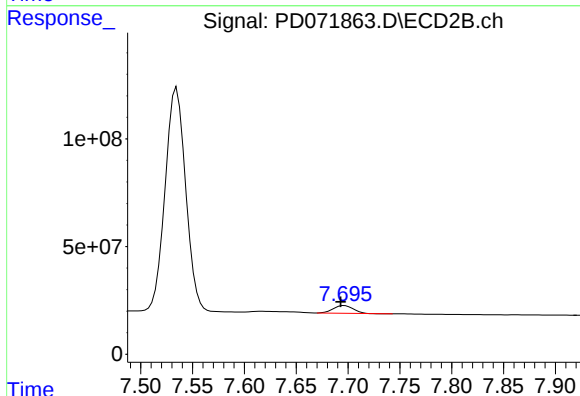
#21 Endrin ketone

R.T.: 6.912 min  
Delta R.T.: 0.003 min  
Response: 10638012  
Conc: 3.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

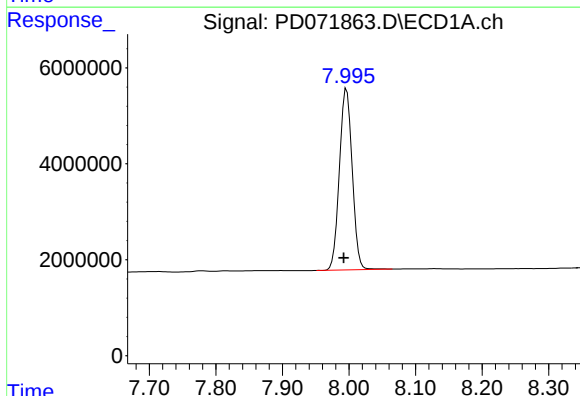
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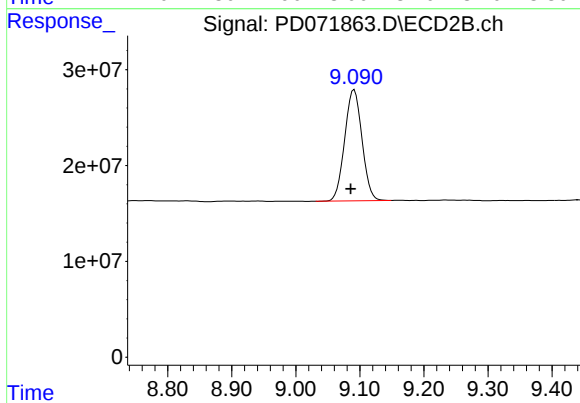
#21 Endrin ketone

R.T.: 7.696 min  
Delta R.T.: 0.003 min  
Response: 48148191  
Conc: 3.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.996 min  
Delta R.T.: 0.004 min  
Response: 50344698  
Conc: 19.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.091 min  
Delta R.T.: 0.005 min  
Response: 217627224  
Conc: 23.41 ng/ml