

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080522\  
 Data File : PD071347.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2022 09:31  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/08/2022  
 Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 22:25:59 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 03:39:07 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... | 2.815 | 3.574 | 61258201 | 689.4E6  | 21.601  | 24.492   |
| 28)                         | SA Decachlor... | 8.015 | 9.104 | 61053817 | 251.8E6  | 22.013  | 24.319   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.325 | 4.040 | 45787876 | 503.5E6  | 10.919  | 13.564   |
| 3)                          | MA gamma-BHC... | 3.659 | 4.376 | 43136256 | 414.2E6  | 10.784  | 13.832 # |
| 6)                          | B beta-BHC      | 3.958 | 4.583 | 20210373 | 169.7E6  | 11.830  | 14.330   |
| 12)                         | B 4,4'-DDE      | 5.308 | 6.232 | 622798   | 1555776  | 0.182   | 0.109 #  |
| 14)                         | MA Endrin       | 5.717 | 6.627 | 163.9E6  | 707.6E6  | 51.777  | 56.569   |
| 16)                         | A 4,4'-DDD      | 5.865 | 6.756 | 11539470 | 55880420 | 4.048   | 4.698    |
| 17)                         | MA 4,4'-DDT     | 6.119 | 7.069 | 335.3E6  | 1440.1E6 | 113.581 | 110.411  |
| 18)                         | B Endrin al...  | 6.194 | 6.981 | 7421110  | 25503883 | 3.366   | 2.633m   |
| 20)                         | A Methoxychlor  | 6.699 | 7.544 | 421.5E6  | 1730.1E6 | 255.530 | 250.998  |
| 21)                         | B Endrin ke...  | 6.928 | 7.707 | 17393401 | 74310724 | 5.339   | 5.535    |
| -----                       |                 |       |       |          |          |         |          |

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

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ALS Vial : 3 Sample Multiplier: 1

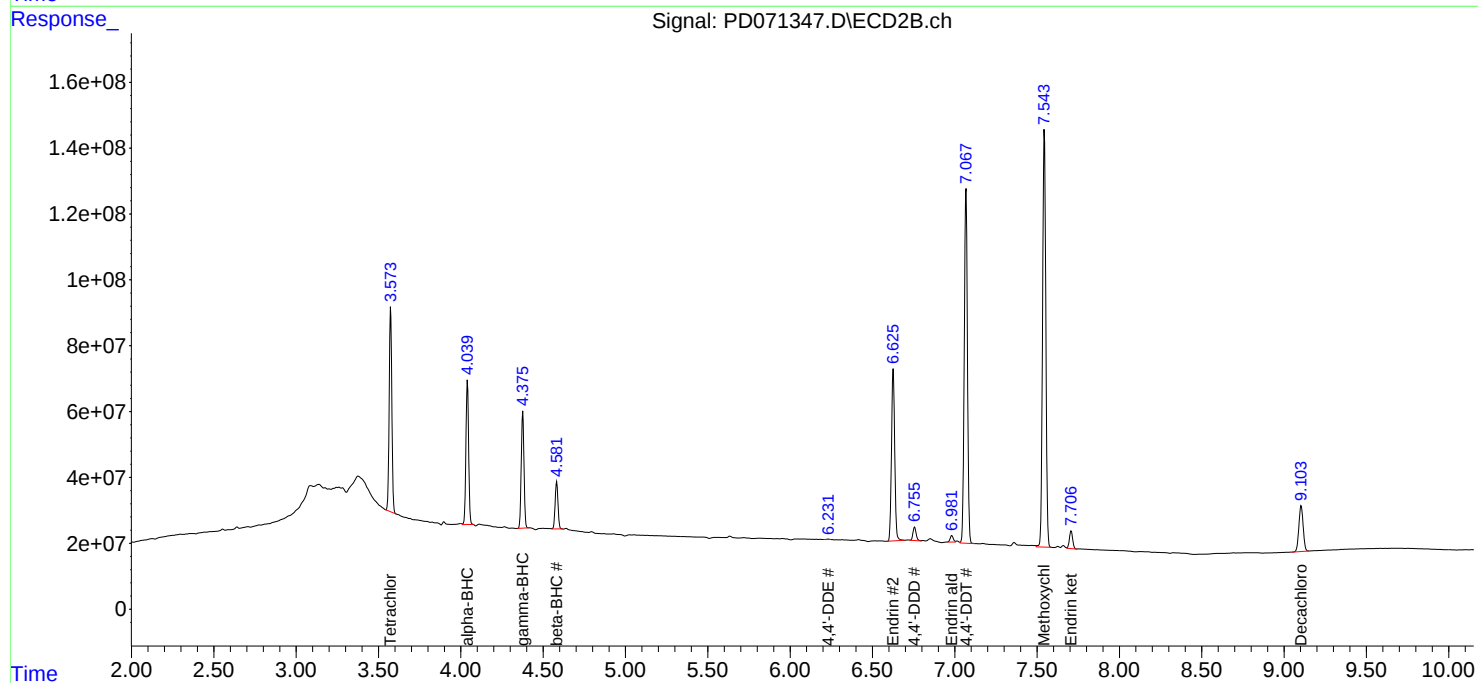
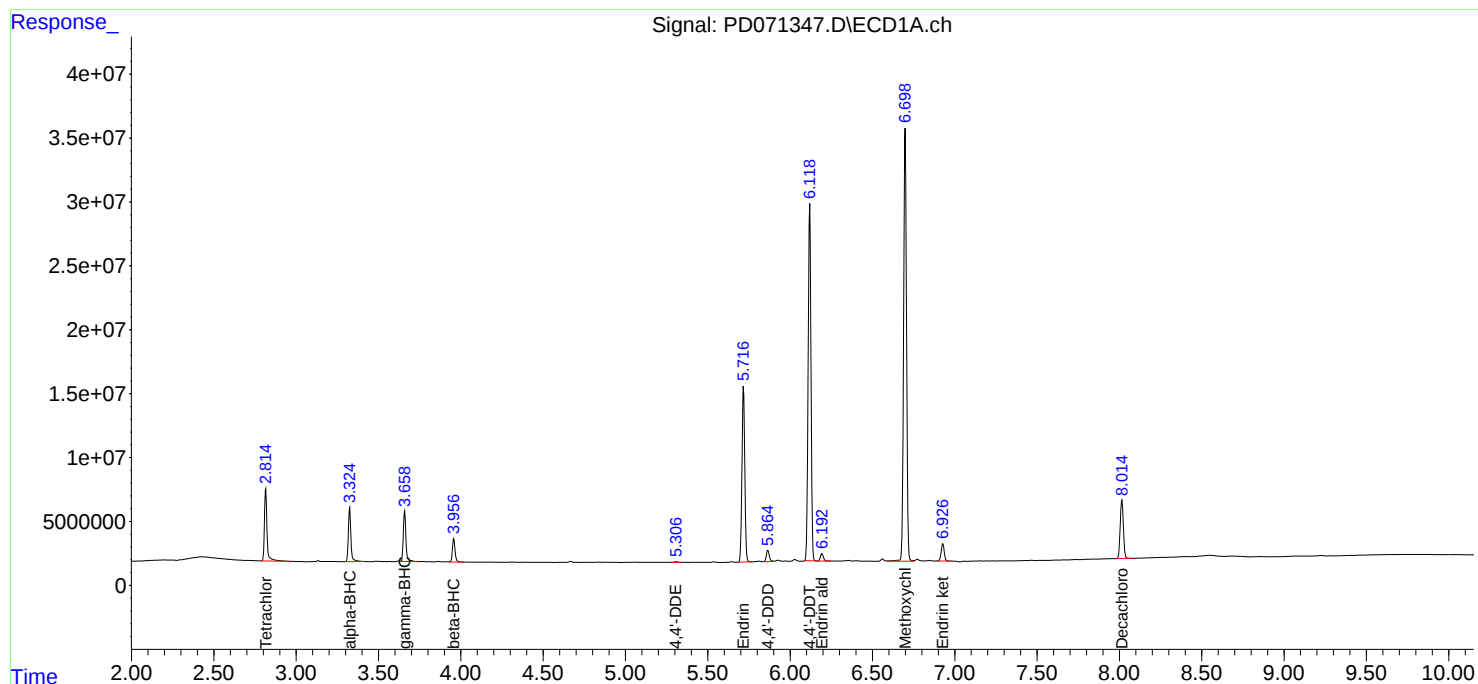
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

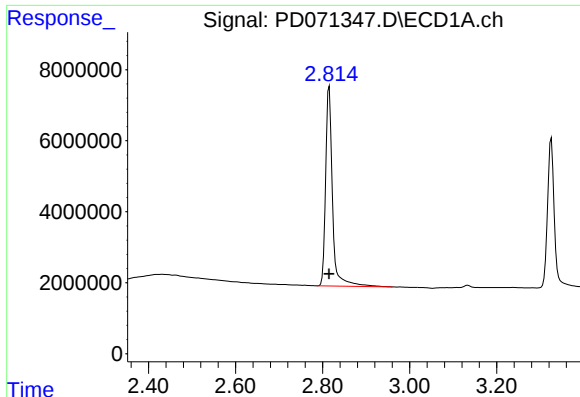
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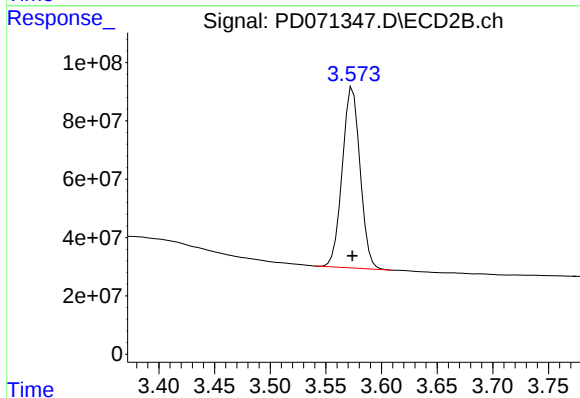
#1 Tetrachloro-m-xylene

R.T.: 2.815 min  
Delta R.T.: 0.000 min  
Response: 61258201  
Conc: 21.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

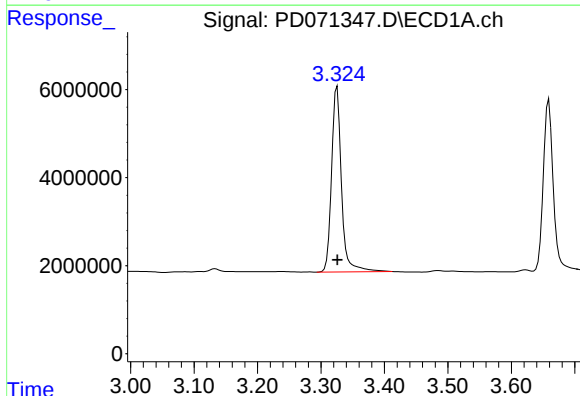
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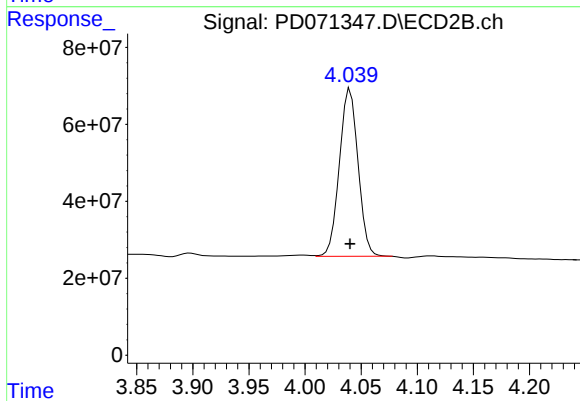
#1 Tetrachloro-m-xylene

R.T.: 3.574 min  
Delta R.T.: 0.000 min  
Response: 689442811  
Conc: 24.49 ng/ml



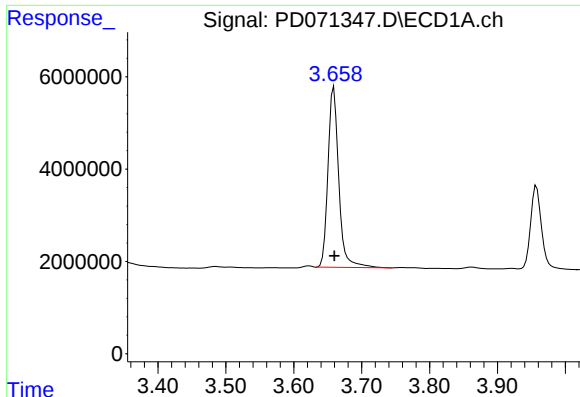
#2 alpha-BHC

R.T.: 3.325 min  
Delta R.T.: 0.000 min  
Response: 45787876  
Conc: 10.92 ng/ml



#2 alpha-BHC

R.T.: 4.040 min  
Delta R.T.: 0.000 min  
Response: 503542805  
Conc: 13.56 ng/ml



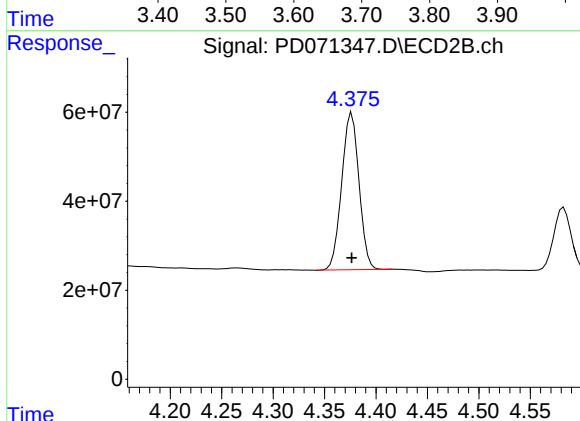
#3 gamma-BHC (Lindane)

R.T.: 3.659 min  
Delta R.T.: -0.001 min  
Response: 43136256  
Conc: 10.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

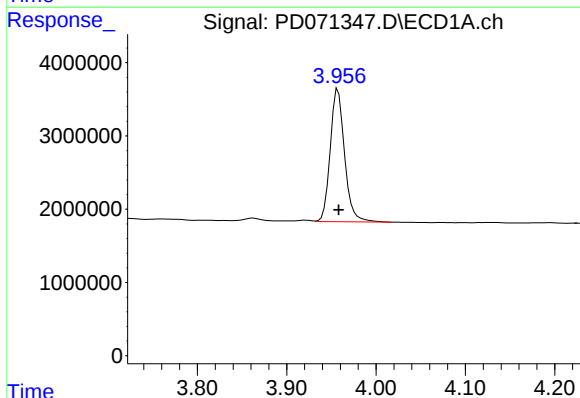
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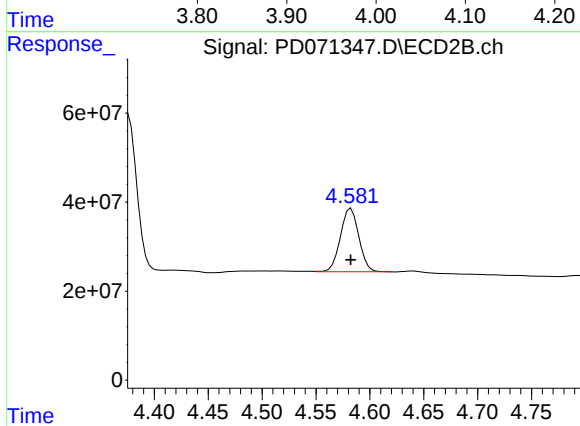
#3 gamma-BHC (Lindane)

R.T.: 4.376 min  
Delta R.T.: 0.000 min  
Response: 414175283  
Conc: 13.83 ng/ml



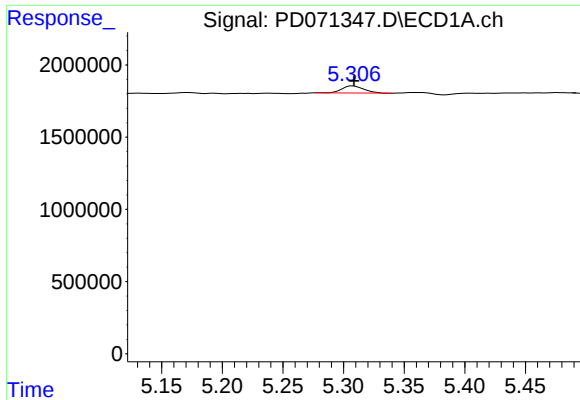
#6 beta-BHC

R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 20210373  
Conc: 11.83 ng/ml



#6 beta-BHC

R.T.: 4.583 min  
Delta R.T.: 0.000 min  
Response: 169735699  
Conc: 14.33 ng/ml



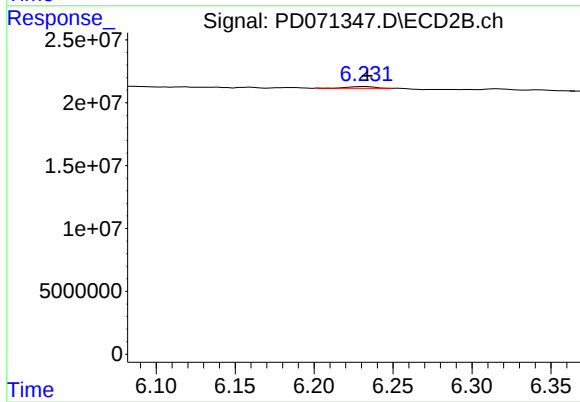
#12 4,4'-DDE

R.T.: 5.308 min  
Delta R.T.: 0.000 min  
Response: 622798  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

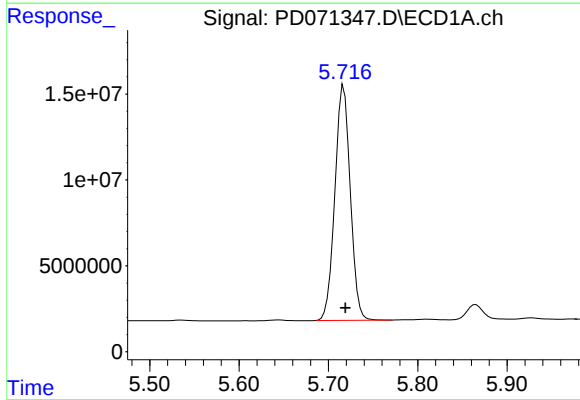
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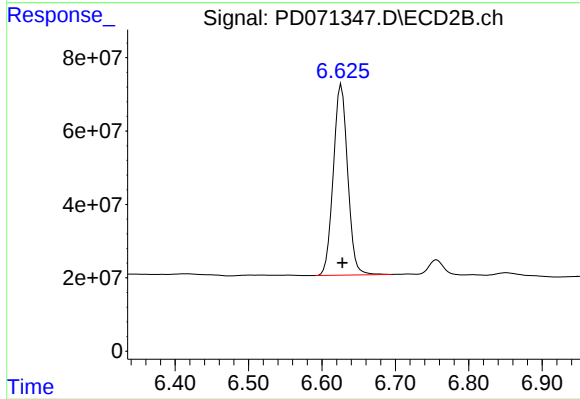
#12 4,4'-DDE

R.T.: 6.232 min  
Delta R.T.: -0.001 min  
Response: 1555776  
Conc: 0.11 ng/ml



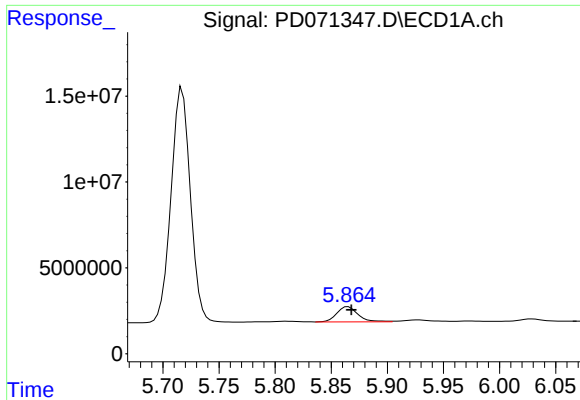
#14 Endrin

R.T.: 5.717 min  
Delta R.T.: -0.002 min  
Response: 163932944  
Conc: 51.78 ng/ml



#14 Endrin

R.T.: 6.627 min  
Delta R.T.: -0.001 min  
Response: 707596673  
Conc: 56.57 ng/ml



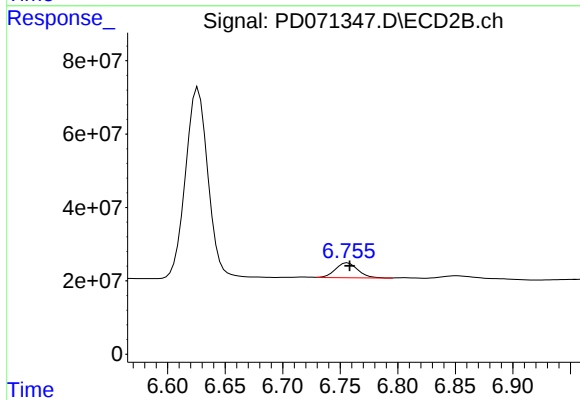
#16 4,4'-DDD

R.T.: 5.865 min  
Delta R.T.: -0.003 min  
Response: 11539470  
Conc: 4.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

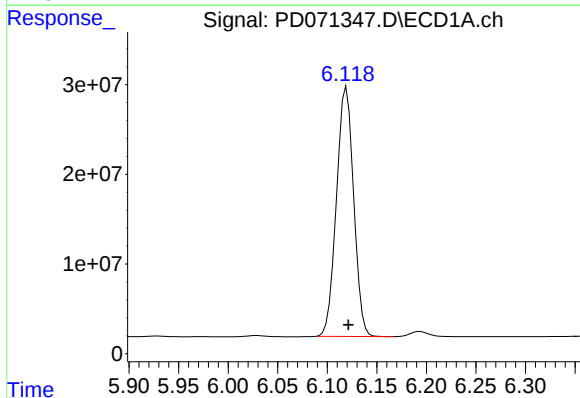
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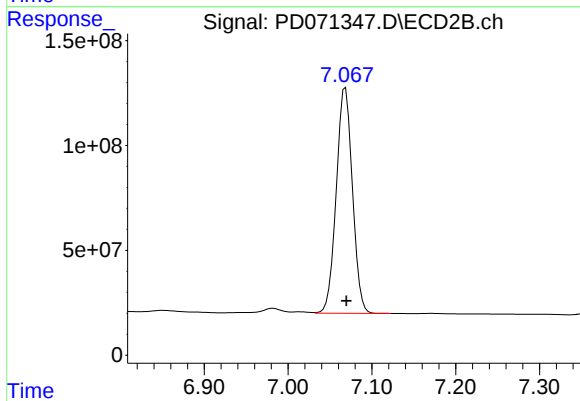
#16 4,4'-DDD

R.T.: 6.756 min  
Delta R.T.: -0.002 min  
Response: 55880420  
Conc: 4.70 ng/ml



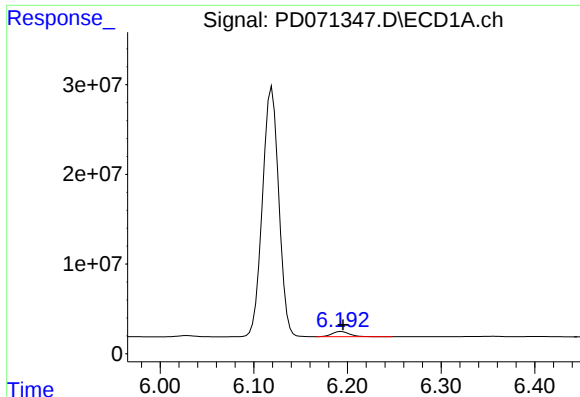
#17 4,4'-DDT

R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 335261919  
Conc: 113.58 ng/ml



#17 4,4'-DDT

R.T.: 7.069 min  
Delta R.T.: -0.001 min  
Response: 1440090867  
Conc: 110.41 ng/ml



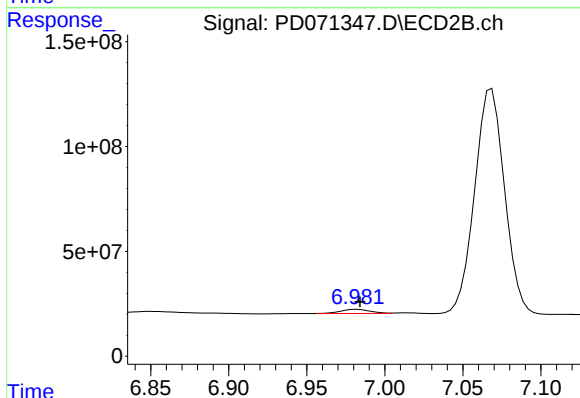
#18 Endrin aldehyde

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 7421110  
Conc: 3.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

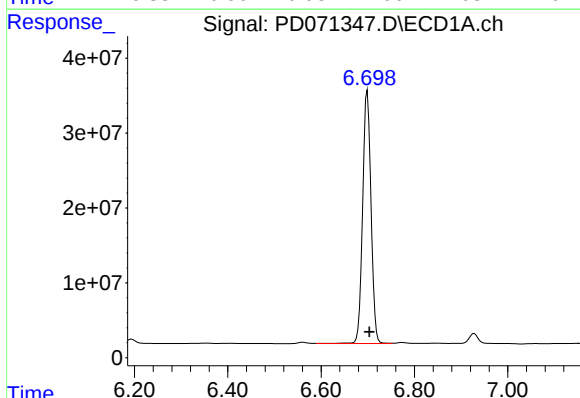
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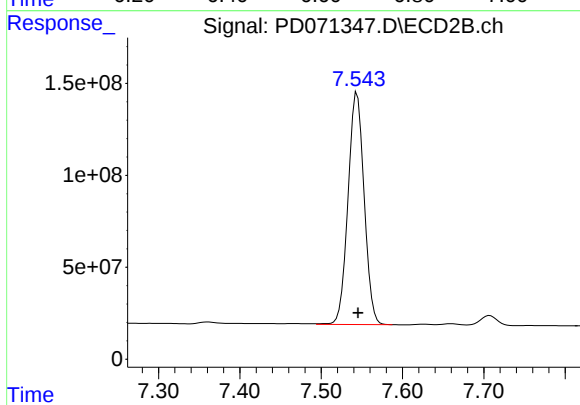
#18 Endrin aldehyde

R.T.: 6.981 min  
Delta R.T.: -0.003 min  
Response: 25503883  
Conc: 2.63 ng/ml m



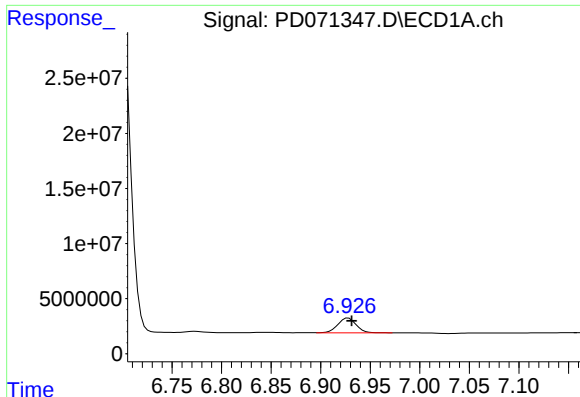
#20 Methoxychlor

R.T.: 6.699 min  
Delta R.T.: -0.004 min  
Response: 421500684  
Conc: 255.53 ng/ml



#20 Methoxychlor

R.T.: 7.544 min  
Delta R.T.: -0.001 min  
Response: 1730056287  
Conc: 251.00 ng/ml



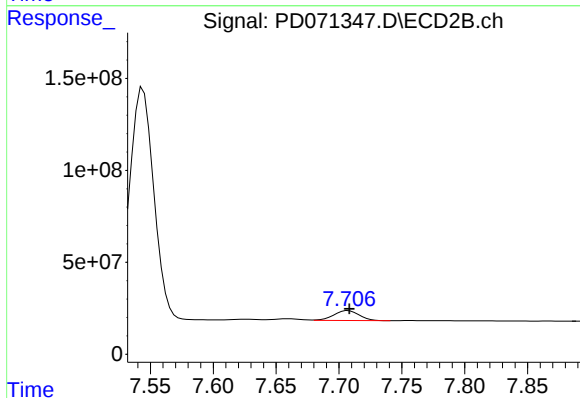
#21 Endrin ketone

R.T.: 6.928 min  
Delta R.T.: -0.004 min  
Response: 17393401  
Conc: 5.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

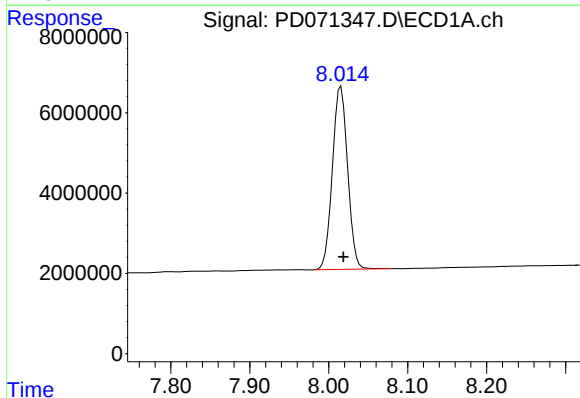
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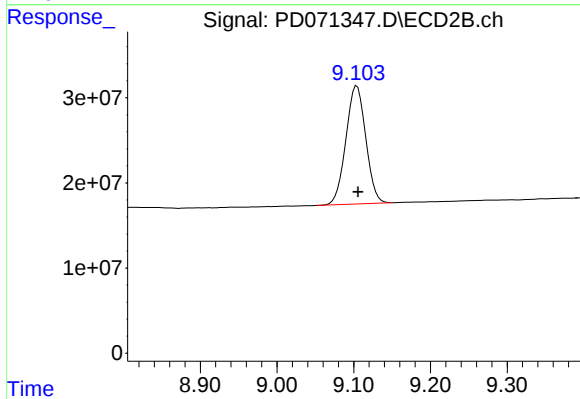
#21 Endrin ketone

R.T.: 7.707 min  
Delta R.T.: -0.001 min  
Response: 74310724  
Conc: 5.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.015 min  
Delta R.T.: -0.003 min  
Response: 61053817  
Conc: 22.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.104 min  
Delta R.T.: -0.002 min  
Response: 251760233  
Conc: 24.32 ng/ml