

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091522\  
 Data File : PD071882.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Sep 2022 09:51  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/15/2022  
 Supervised By : Ankita Jodhani 09/15/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 14 23:44:06 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 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... | 2.805 | 3.562 | 56663694 | 759.9E6  | 23.173  | 26.483   |
| 28)                         | SA Decachlor... | 7.994 | 9.088 | 49230355 | 223.2E6  | 19.542  | 24.006   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.313 | 4.028 | 43240235 | 558.5E6  | 11.220  | 13.919   |
| 3)                          | MA gamma-BHC... | 3.645 | 4.364 | 38613657 | 466.9E6  | 10.998m | 14.219 # |
| 6)                          | B beta-BHC      | 3.943 | 4.570 | 18591536 | 188.5E6  | 12.271m | 14.260   |
| 14)                         | MA Endrin       | 5.700 | 6.612 | 138.8E6  | 599.8E6  | 46.838  | 47.490   |
| 16)                         | A 4,4'-DDD      | 5.849 | 6.745 | 8074240  | 53370374 | 3.184   | 4.490 #  |
| 17)                         | MA 4,4'-DDT     | 6.103 | 7.056 | 285.0E6  | 1238.8E6 | 108.277 | 100.280  |
| 18)                         | B Endrin al...  | 6.177 | 6.969 | 7017157  | 26180816 | 3.173   | 2.712m   |
| 20)                         | A Methoxychlor  | 6.682 | 7.532 | 357.2E6  | 1437.4E6 | 238.574 | 236.441  |
| 21)                         | B Endrin ke...  | 6.910 | 7.694 | 12244371 | 54745446 | 4.081   | 4.402    |
| -----                       |                 |       |       |          |          |         |          |

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

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Acq On : 14 Sep 2022 09:51  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

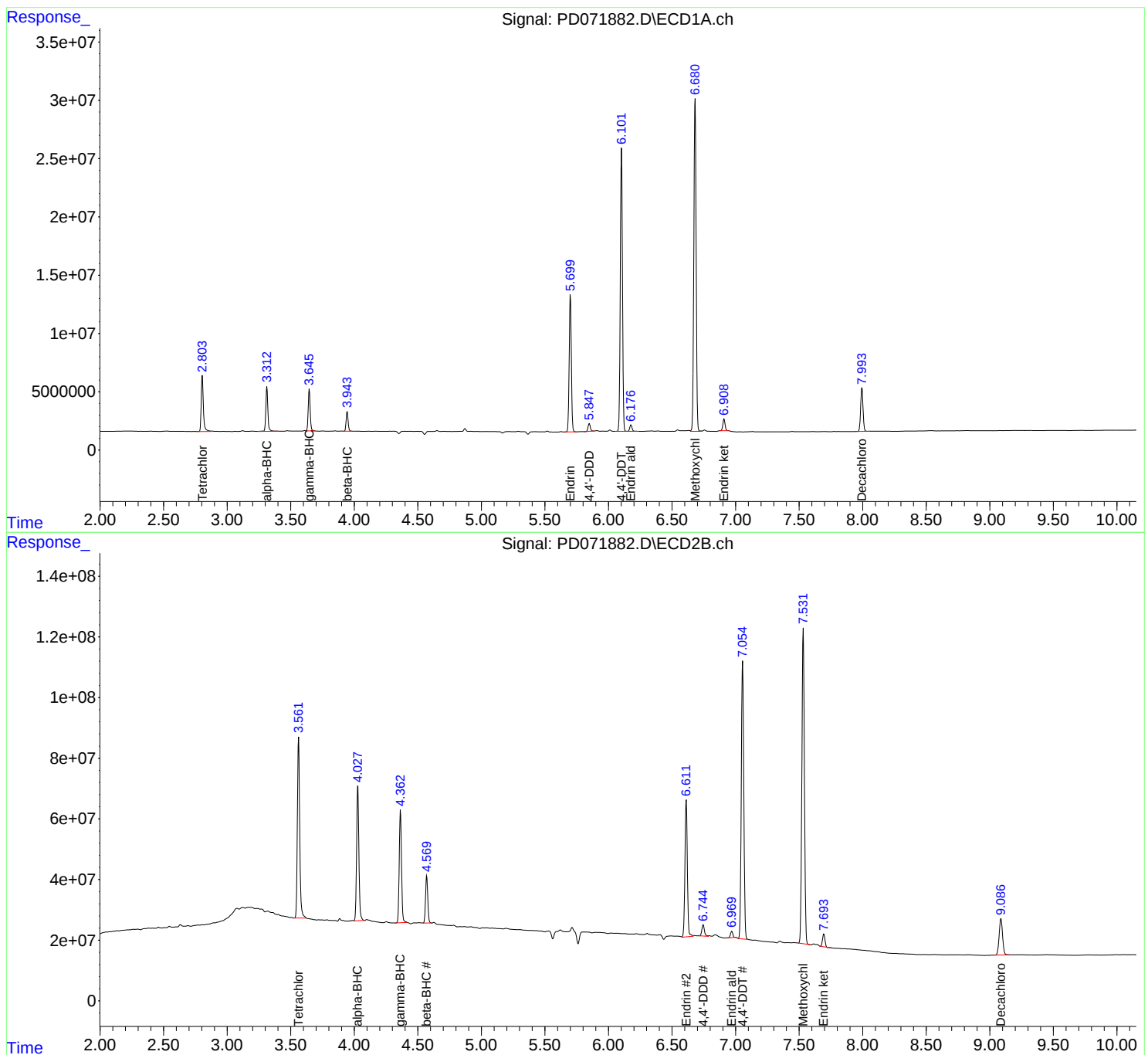
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

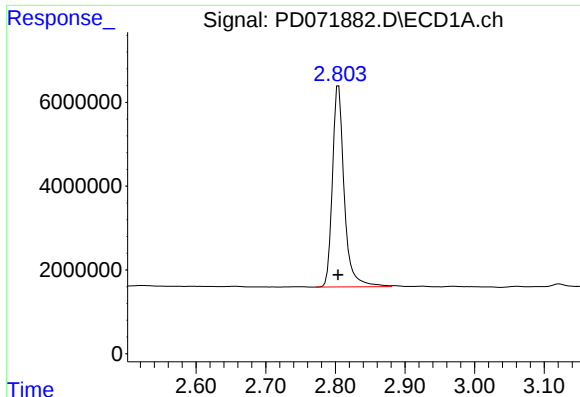
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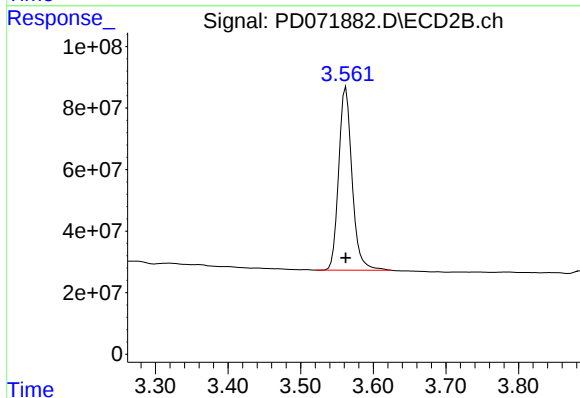
#1 Tetrachloro-m-xylene

R.T.: 2.805 min  
Delta R.T.: 0.000 min  
Response: 56663694  
Conc: 23.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

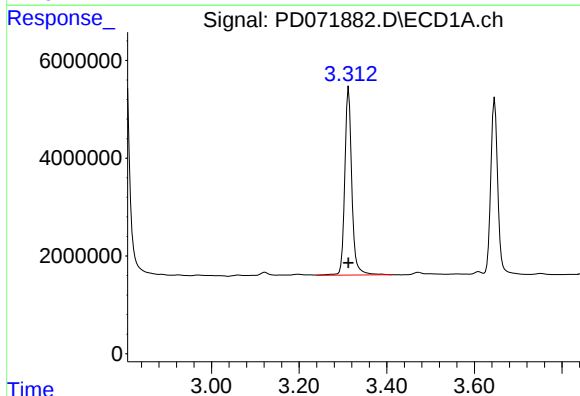
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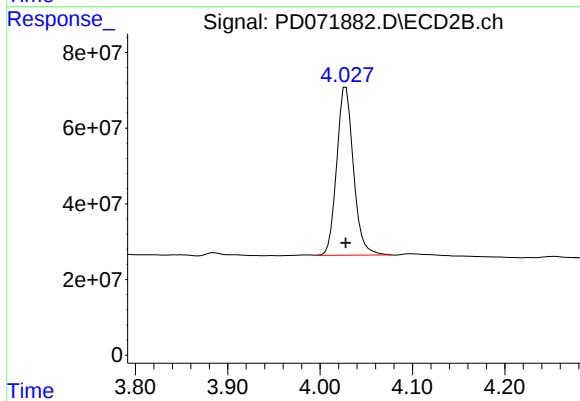
#1 Tetrachloro-m-xylene

R.T.: 3.562 min  
Delta R.T.: 0.000 min  
Response: 759939231  
Conc: 26.48 ng/ml



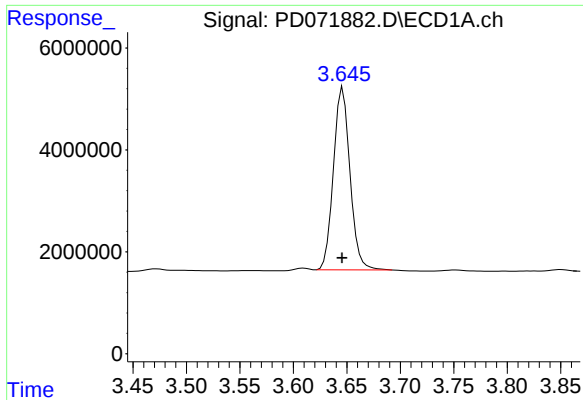
#2 alpha-BHC

R.T.: 3.313 min  
Delta R.T.: 0.000 min  
Response: 43240235  
Conc: 11.22 ng/ml



#2 alpha-BHC

R.T.: 4.028 min  
Delta R.T.: 0.000 min  
Response: 558539591  
Conc: 13.92 ng/ml



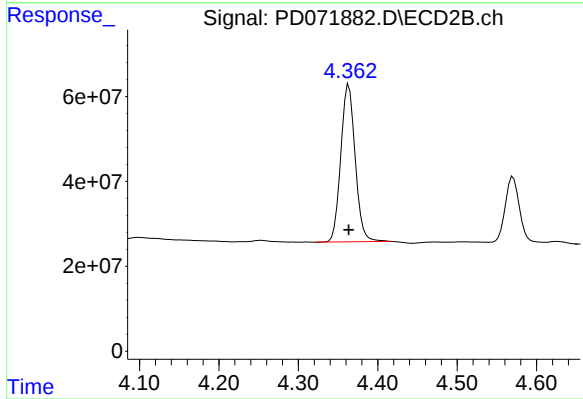
#3 gamma-BHC (Lindane)

R.T.: 3.645 min  
Delta R.T.: 0.000 min  
Response: 38613657  
Conc: 11.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

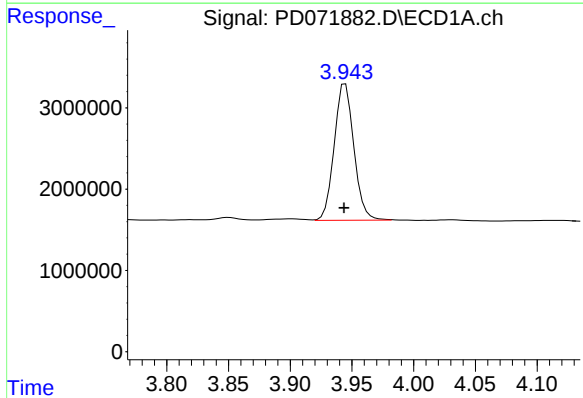
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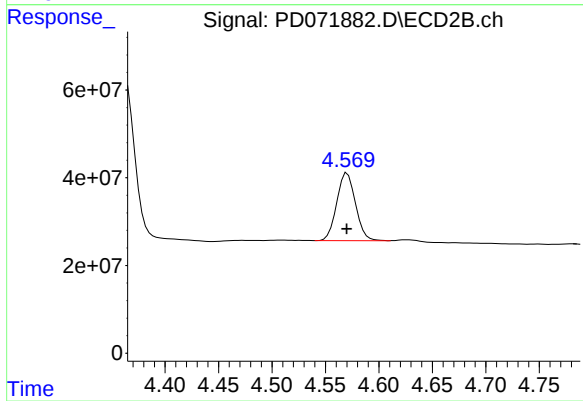
#3 gamma-BHC (Lindane)

R.T.: 4.364 min  
Delta R.T.: 0.000 min  
Response: 466855898  
Conc: 14.22 ng/ml



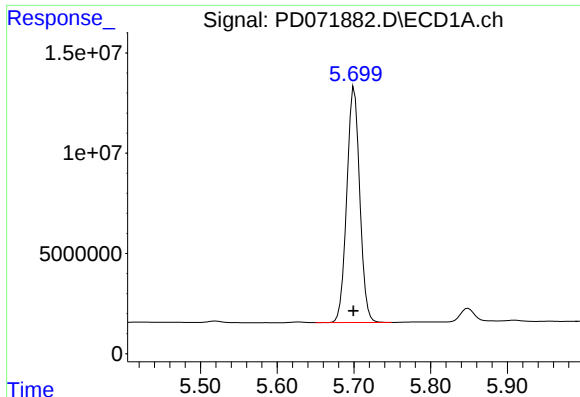
#6 beta-BHC

R.T.: 3.943 min  
Delta R.T.: 0.000 min  
Response: 18591536  
Conc: 12.27 ng/ml m



#6 beta-BHC

R.T.: 4.570 min  
Delta R.T.: 0.000 min  
Response: 188470748  
Conc: 14.26 ng/ml



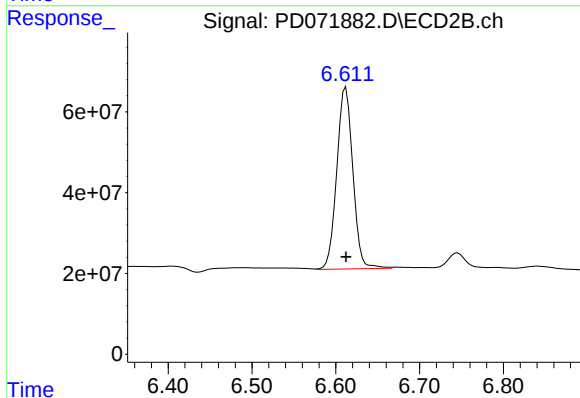
#14 Endrin

R.T.: 5.700 min  
Delta R.T.: 0.000 min  
Response: 138771618  
Conc: 46.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

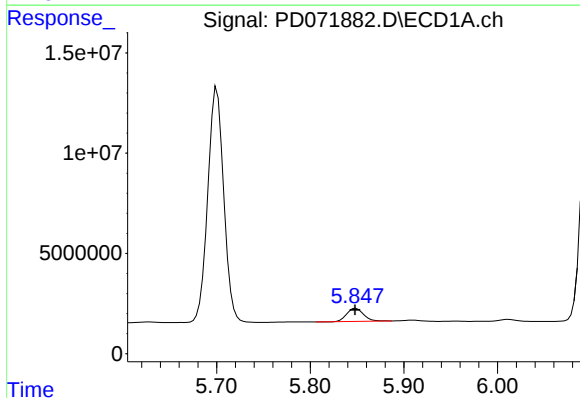
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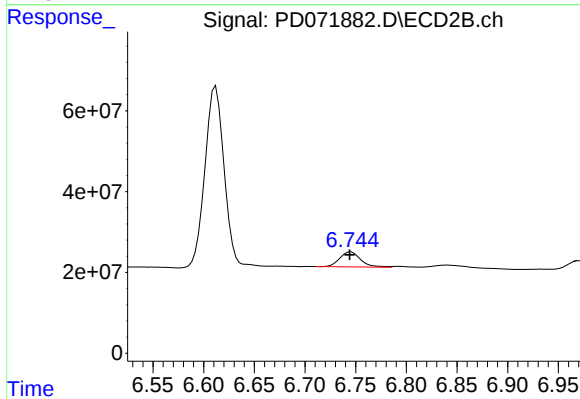
#14 Endrin

R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 599821034  
Conc: 47.49 ng/ml



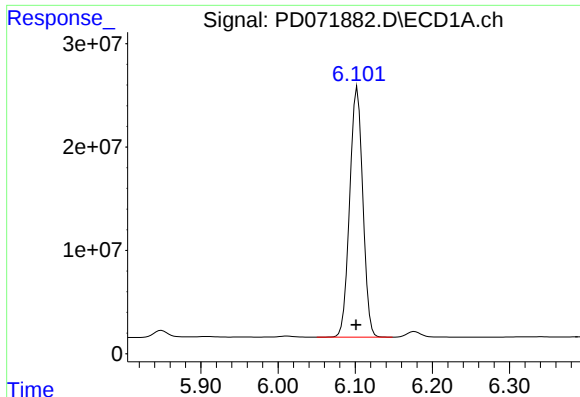
#16 4,4'-DDD

R.T.: 5.849 min  
Delta R.T.: 0.001 min  
Response: 8074240  
Conc: 3.18 ng/ml



#16 4,4'-DDD

R.T.: 6.745 min  
Delta R.T.: 0.001 min  
Response: 53370374  
Conc: 4.49 ng/ml



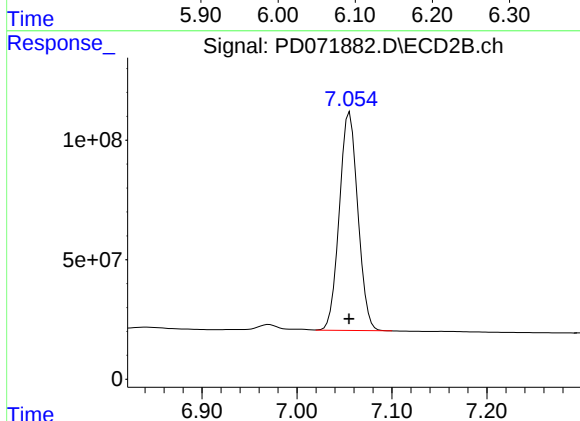
#17 4,4'-DDT

R.T.: 6.103 min  
Delta R.T.: 0.002 min  
Response: 284985438  
Conc: 108.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

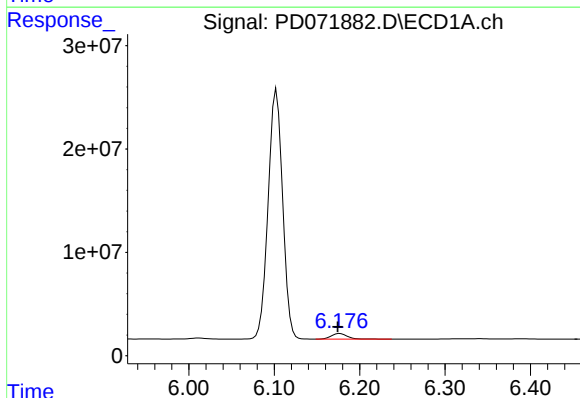
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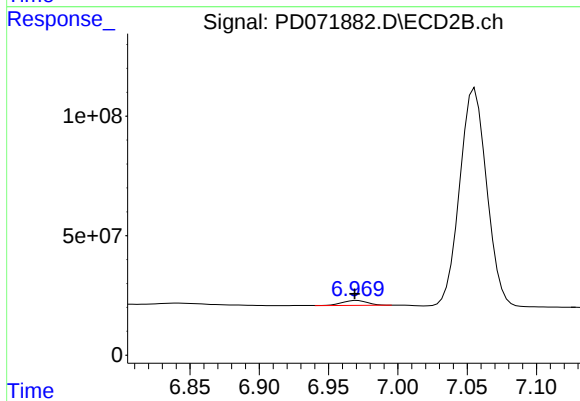
#17 4,4'-DDT

R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 1238835821  
Conc: 100.28 ng/ml



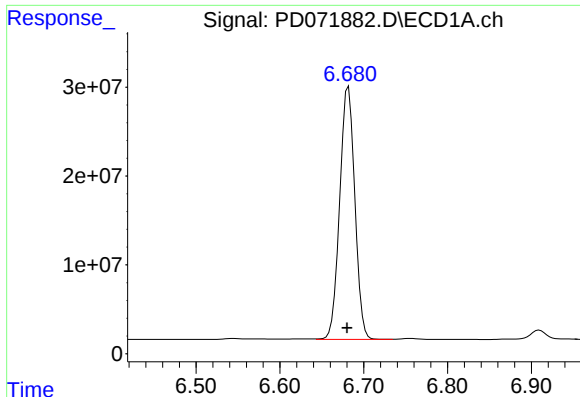
#18 Endrin aldehyde

R.T.: 6.177 min  
Delta R.T.: 0.002 min  
Response: 7017157  
Conc: 3.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.969 min  
Delta R.T.: 0.000 min  
Response: 26180816  
Conc: 2.71 ng/ml m



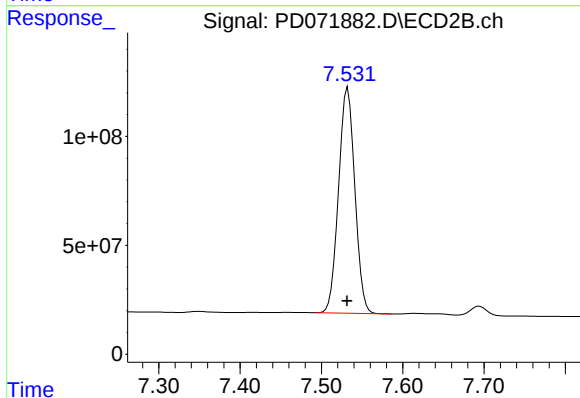
#20 Methoxychlor

R.T.: 6.682 min  
Delta R.T.: 0.002 min  
Response: 357228673  
Conc: 238.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

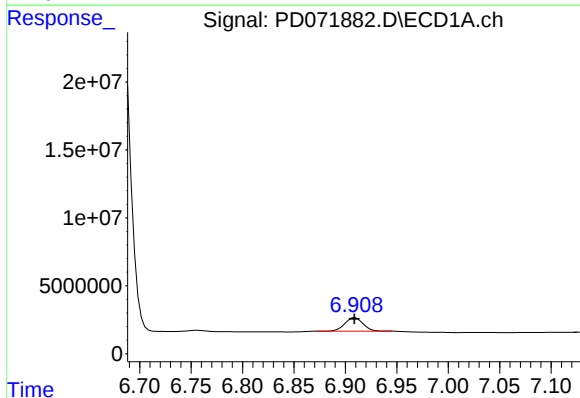
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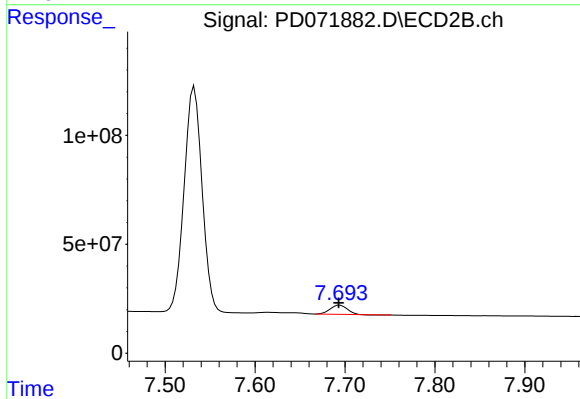
#20 Methoxychlor

R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 1437350635  
Conc: 236.44 ng/ml



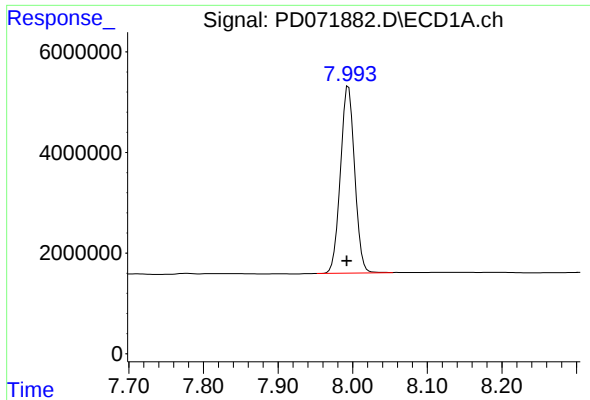
#21 Endrin ketone

R.T.: 6.910 min  
Delta R.T.: 0.000 min  
Response: 12244371  
Conc: 4.08 ng/ml



#21 Endrin ketone

R.T.: 7.694 min  
Delta R.T.: 0.001 min  
Response: 54745446  
Conc: 4.40 ng/ml



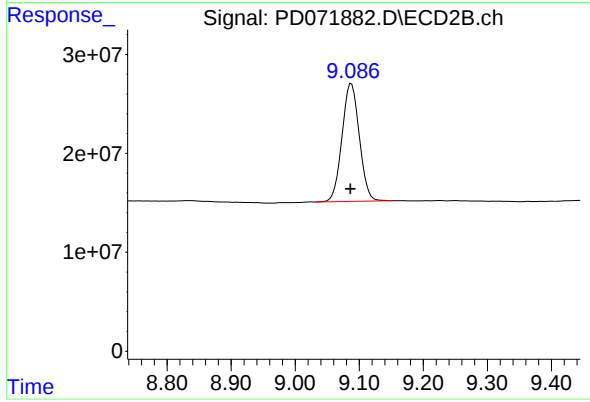
#28 Decachlorobiphenyl

R.T.: 7.994 min  
Delta R.T.: 0.002 min  
Response: 49230355  
Conc: 19.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 9.088 min  
Delta R.T.: 0.002 min  
Response: 223184791  
Conc: 24.01 ng/ml