

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062923\  
 Data File : PD076212.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jun 2023 08:48  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/30/2023  
 Supervised By : Ankita Jodhani 06/30/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 29 20:18:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.547 | 2.767 | 44538957 | 23794559 | 20.909  | 21.932  |
| 28)                         | SA Decachlor... | 9.088 | 7.909 | 50956539 | 21810121 | 20.114  | 22.305m |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.003 | 3.269 | 35718624 | 16628954 | 9.674   | 10.395  |
| 3)                          | MA gamma-BHC... | 4.336 | 3.599 | 34170205 | 15426154 | 10.155  | 10.470  |
| 6)                          | B beta-BHC      | 4.533 | 3.895 | 15996064 | 7796875  | 11.126  | 12.232  |
| 14)                         | MA Endrin       | 6.591 | 5.632 | 117.4E6  | 59854453 | 43.887  | 49.182  |
| 16)                         | A 4,4'-DDD      | 6.724 | 5.779 | 4677098  | 1991109  | 2.055   | 2.259m  |
| 17)                         | MA 4,4'-DDT     | 7.040 | 6.031 | 237.3E6  | 105.5E6  | 104.592 | 129.922 |
| 18)                         | B Endrin al...  | 6.939 | 6.106 | 3234622  | 2141607  | 1.612m  | 2.474 # |
| 20)                         | A Methoxychlor  | 7.515 | 6.606 | 341.9E6  | 135.5E6  | 264.172 | 292.732 |
| 21)                         | B Endrin ke...  | 7.662 | 6.834 | 7246798  | 4673756  | 2.601   | 3.847 # |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 29 Jun 2023 08:48  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

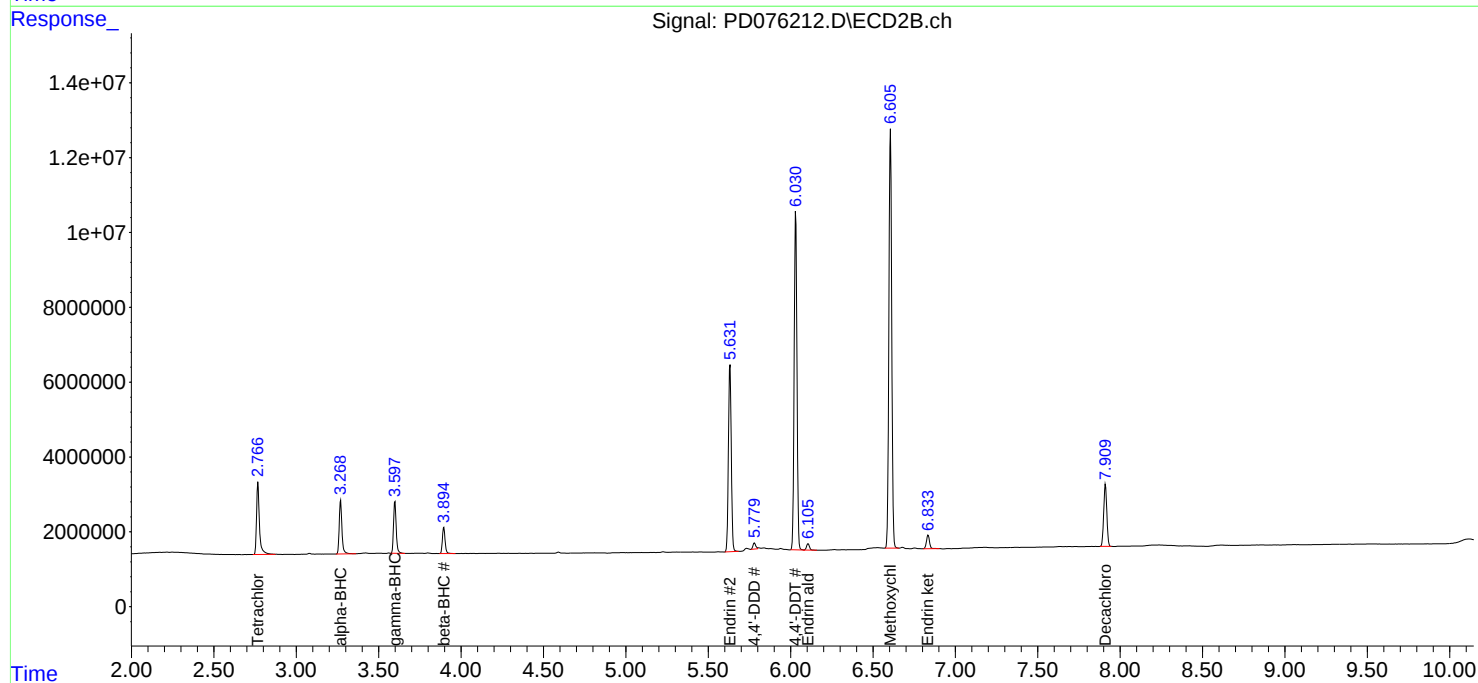
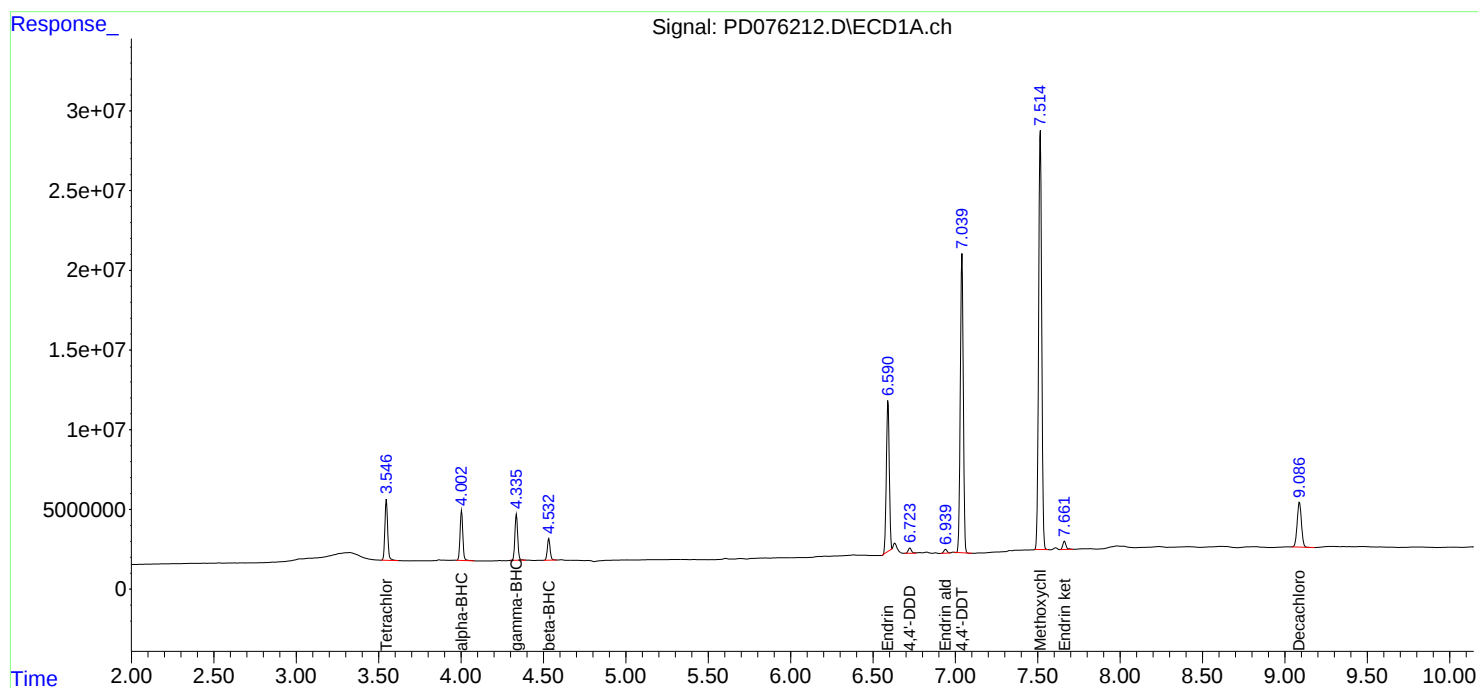
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

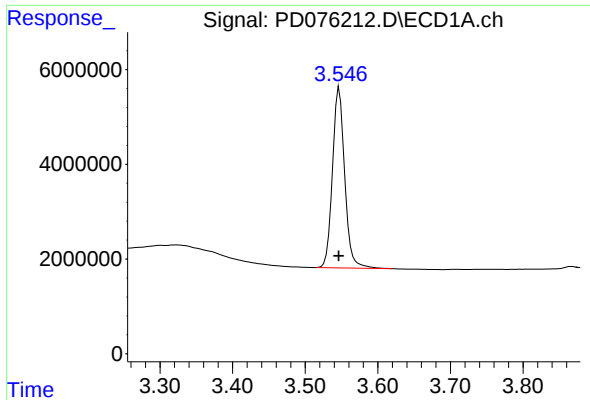
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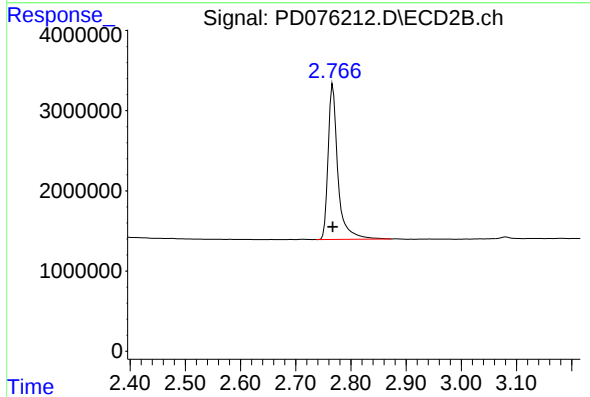
#1 Tetrachloro-m-xylene

R.T.: 3.547 min  
Delta R.T.: 0.000 min  
Response: 44538957  
Conc: 20.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

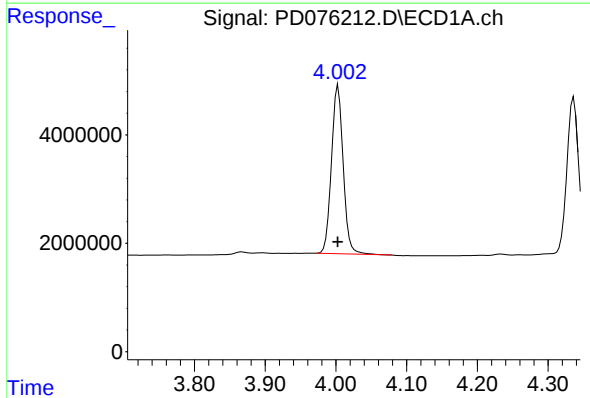
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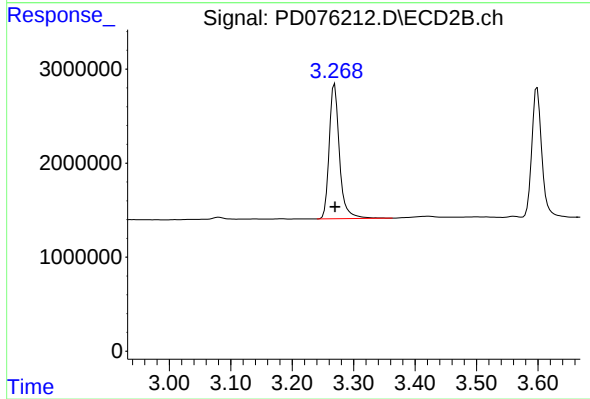
#1 Tetrachloro-m-xylene

R.T.: 2.767 min  
Delta R.T.: 0.000 min  
Response: 23794559  
Conc: 21.93 ng/ml



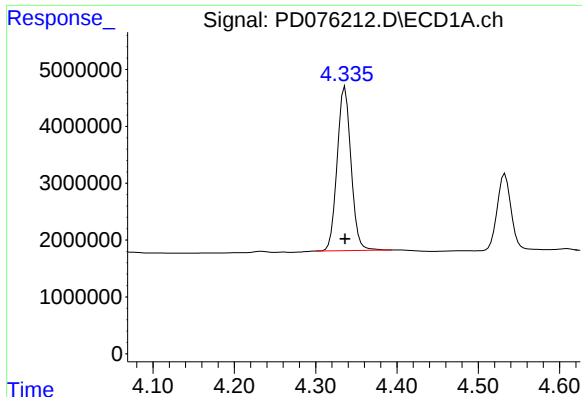
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 35718624  
Conc: 9.67 ng/ml



#2 alpha-BHC

R.T.: 3.269 min  
Delta R.T.: 0.000 min  
Response: 16628954  
Conc: 10.39 ng/ml



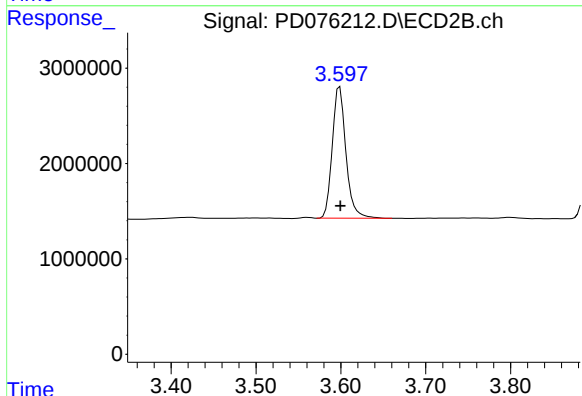
#3 gamma-BHC (Lindane)

R.T.: 4.336 min  
Delta R.T.: 0.000 min  
Response: 34170205  
Conc: 10.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

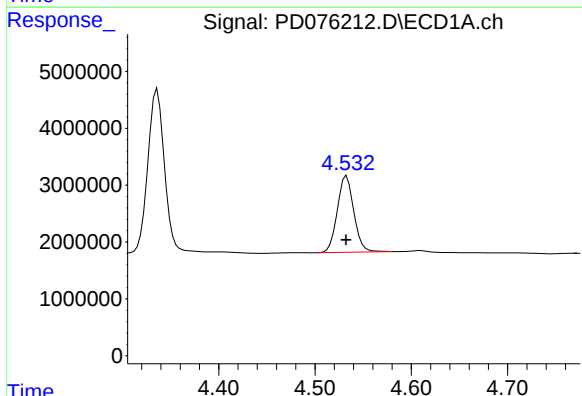
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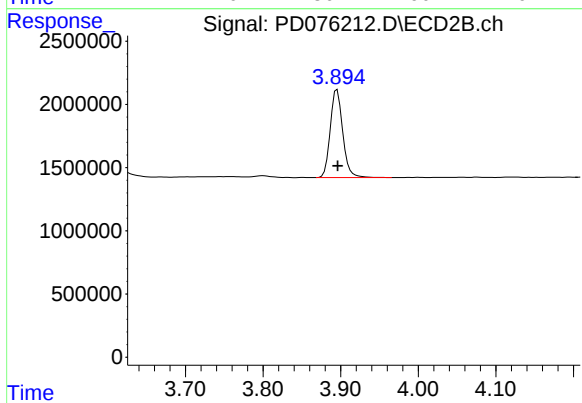
#3 gamma-BHC (Lindane)

R.T.: 3.599 min  
Delta R.T.: 0.000 min  
Response: 15426154  
Conc: 10.47 ng/ml



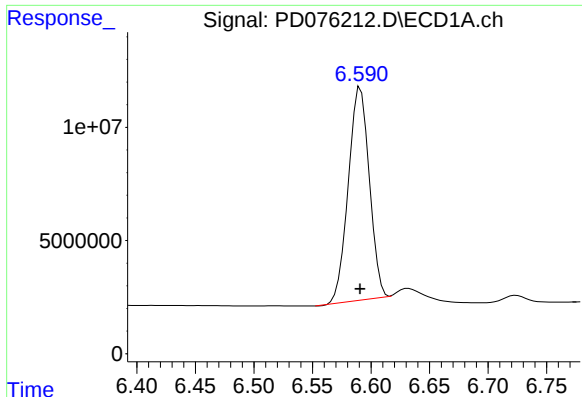
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 15996064  
Conc: 11.13 ng/ml



#6 beta-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 7796875  
Conc: 12.23 ng/ml



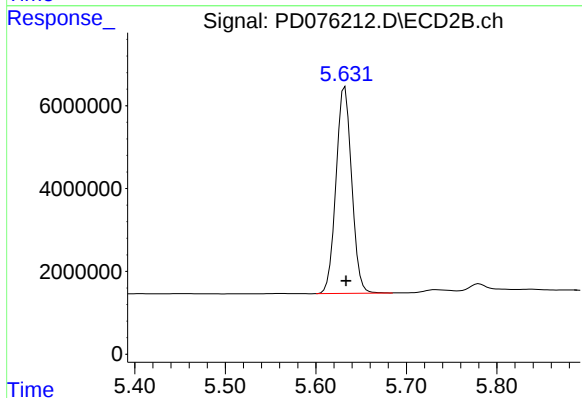
#14 Endrin

R.T.: 6.591 min  
Delta R.T.: 0.000 min  
Response: 117369701  
Conc: 43.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

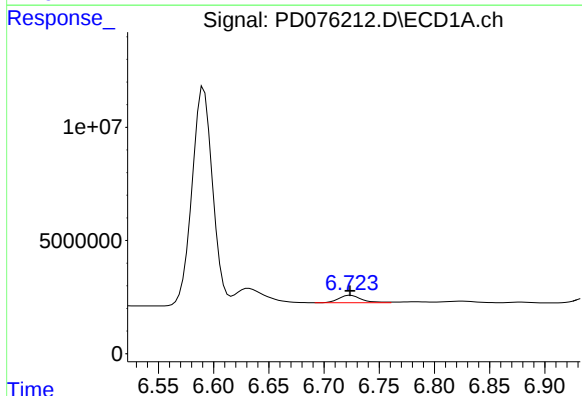
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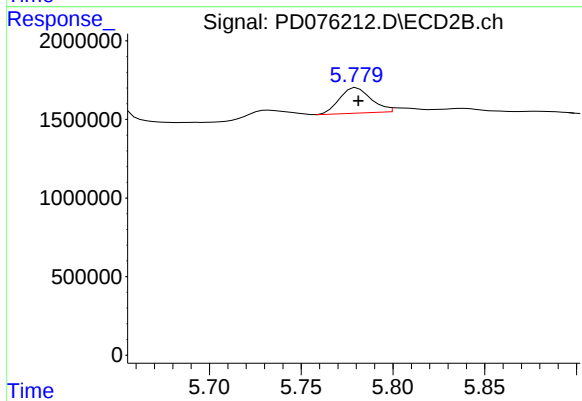
#14 Endrin

R.T.: 5.632 min  
Delta R.T.: -0.001 min  
Response: 59854453  
Conc: 49.18 ng/ml



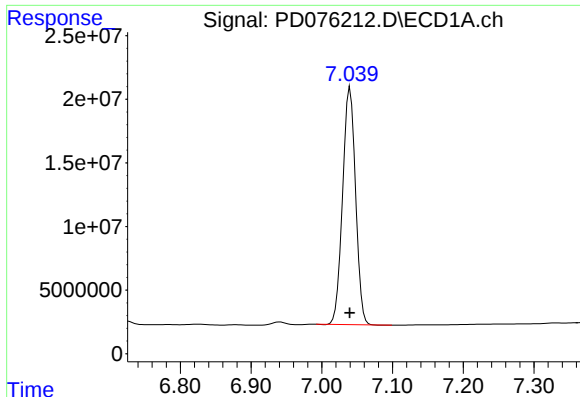
#16 4,4'-DDD

R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 4677098  
Conc: 2.06 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min  
Delta R.T.: -0.002 min  
Response: 1991109  
Conc: 2.26 ng/ml m



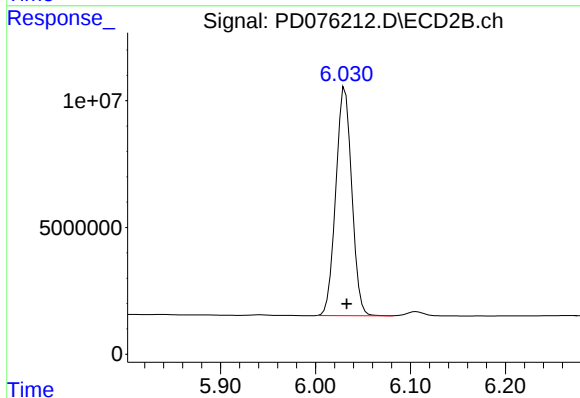
#17 4,4'-DDT

R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 237346501  
Conc: 104.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

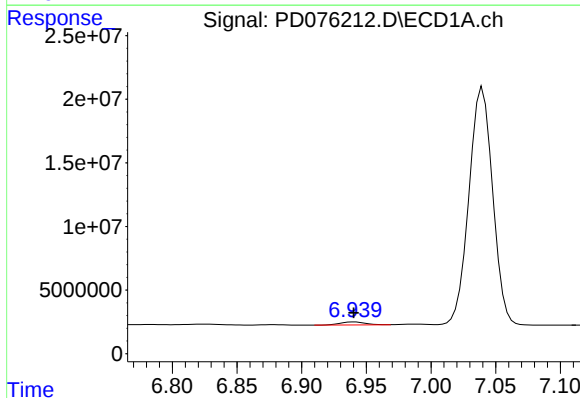
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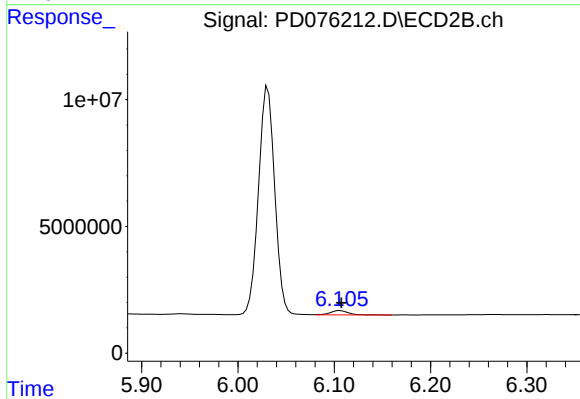
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: -0.002 min  
Response: 105535034  
Conc: 129.92 ng/ml



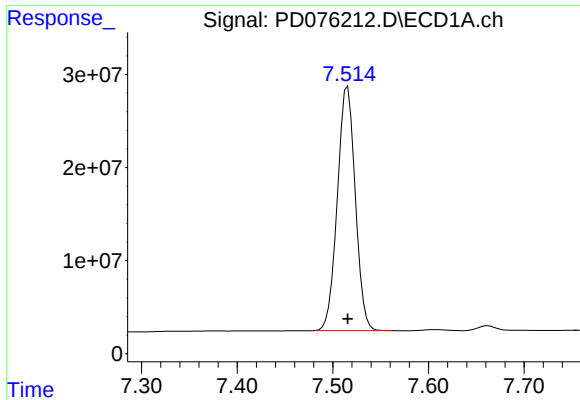
#18 Endrin aldehyde

R.T.: 6.939 min  
Delta R.T.: 0.000 min  
Response: 3234622  
Conc: 1.61 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min  
Delta R.T.: -0.001 min  
Response: 2141607  
Conc: 2.47 ng/ml



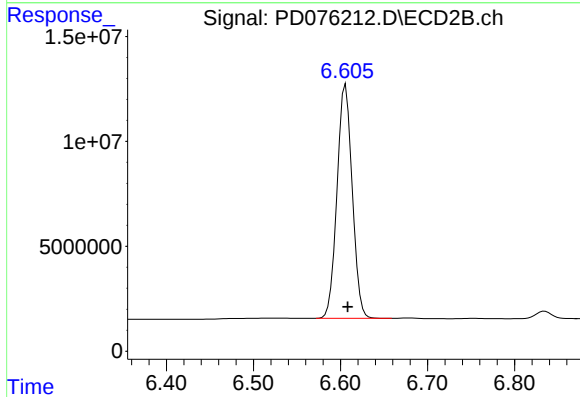
#20 Methoxychlor

R.T.: 7.515 min  
Delta R.T.: 0.000 min  
Response: 341942019  
Conc: 264.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

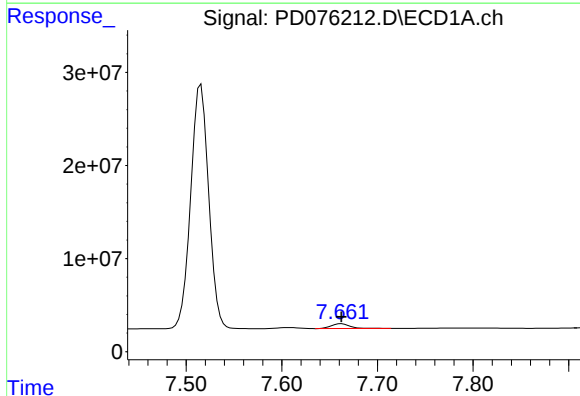
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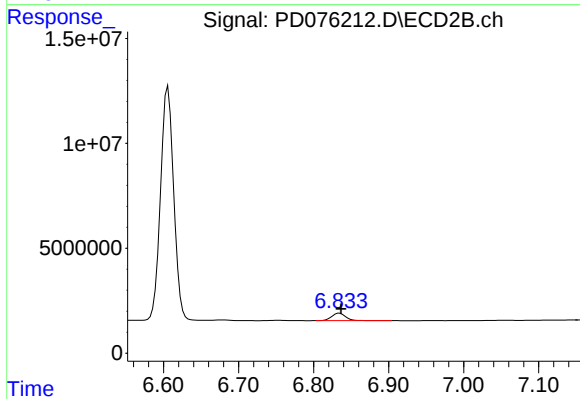
#20 Methoxychlor

R.T.: 6.606 min  
Delta R.T.: -0.002 min  
Response: 135488947  
Conc: 292.73 ng/ml



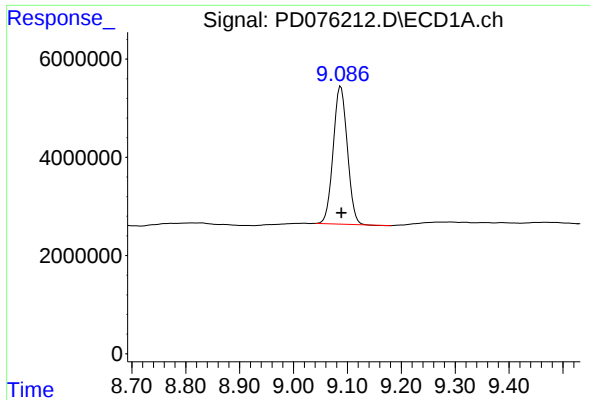
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: 0.000 min  
Response: 7246798  
Conc: 2.60 ng/ml



#21 Endrin ketone

R.T.: 6.834 min  
Delta R.T.: -0.002 min  
Response: 4673756  
Conc: 3.85 ng/ml



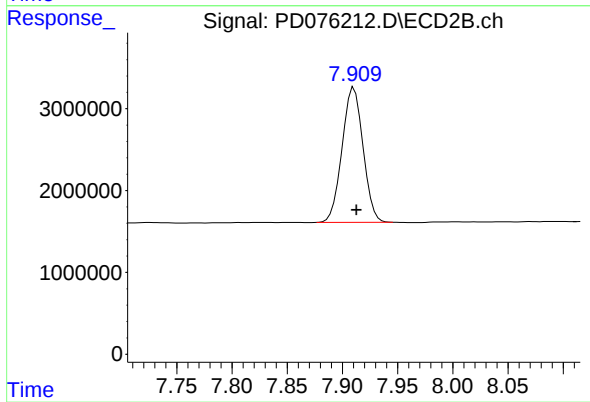
#28 Decachlorobiphenyl

R.T.: 9.088 min  
Delta R.T.: -0.001 min  
Response: 50956539  
Conc: 20.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: -0.004 min  
Response: 21810121  
Conc: 22.31 ng/ml m