

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD081318\  
 Data File : PD048860.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Aug 2018 9:09  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
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 8/14/2018 1:31:45 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 02:00:07 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073118.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 01 04:28:20 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 3.369 | 3.968 | 24094379 | 340.1E6  | 21.734m  | 25.332  |
| 28)                         | SA Decachlor... | 8.066 | 8.993 | 28386723 | 338.4E6  | 20.272m  | 22.406  |
| Target Compounds            |                 |       |       |          |          |          |         |
| 2)                          | A alpha-BHC     | 3.800 | 4.348 | 19667653 | 277.9E6  | 10.265m  | 12.227  |
| 3)                          | MA gamma-BHC... | 4.078 | 4.628 | 21475939 | 266.7E6  | 11.839m  | 12.897  |
| 6)                          | B beta-BHC      | 4.328 | 4.789 | 7598703  | 98052253 | 10.647   | 11.774  |
| 12)                         | B 4,4'-DDE      | 5.497 | 6.286 | 253473   | 3612367  | 0.162m   | 0.228m# |
| 14)                         | MA Endrin       | 5.877 | 6.649 | 72074337 | 786.5E6  | 45.138m  | 48.489  |
| 16)                         | A 4,4'-DDD      | 6.008 | 6.768 | 1185430  | 26307514 | 0.845m   | 2.074m# |
| 17)                         | MA 4,4'-DDT     | 6.245 | 7.067 | 148.0E6  | 1455.1E6 | 104.394m | 113.185 |
| 18)                         | B Endrin al...  | 6.321 | 6.974 | 1393341  | 33650118 | 1.164    | 2.531 # |
| 20)                         | A Methoxychlor  | 6.795 | 7.520 | 182.0E6  | 1517.0E6 | 233.695m | 251.442 |
| 21)                         | B Endrin ke...  | 7.018 | 7.661 | 5399140  | 36098895 | 3.172m   | 2.384   |
| -----                       |                 |       |       |          |          |          |         |

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

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Acq On : 13 Aug 2018 9:09  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

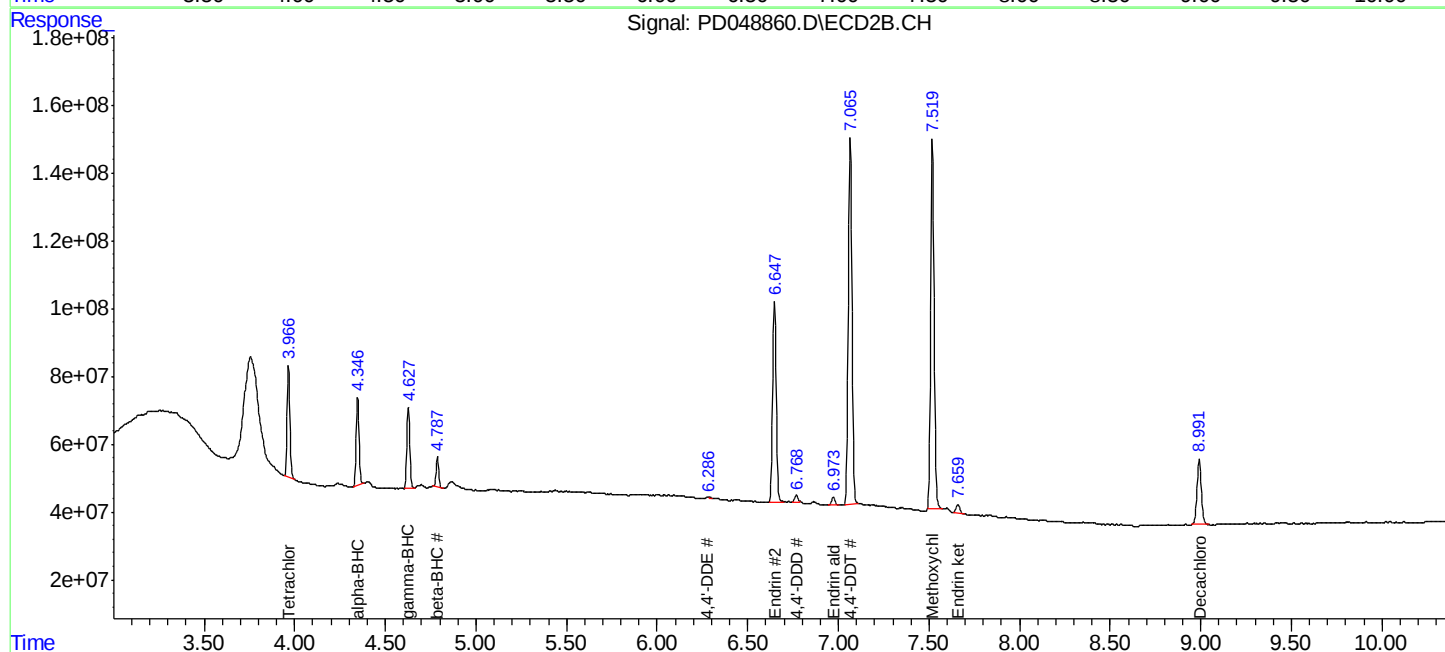
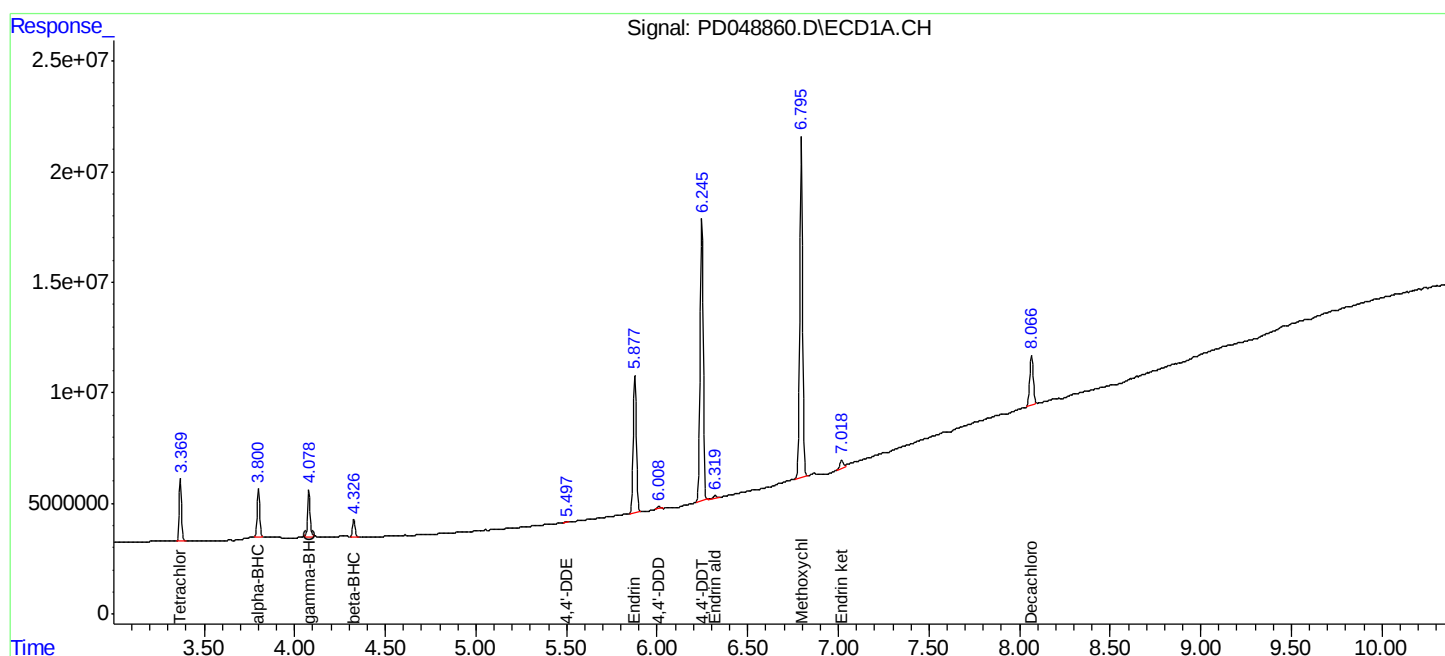
Instrument :  
ECD\_D  
ClientSampled :  
PEM

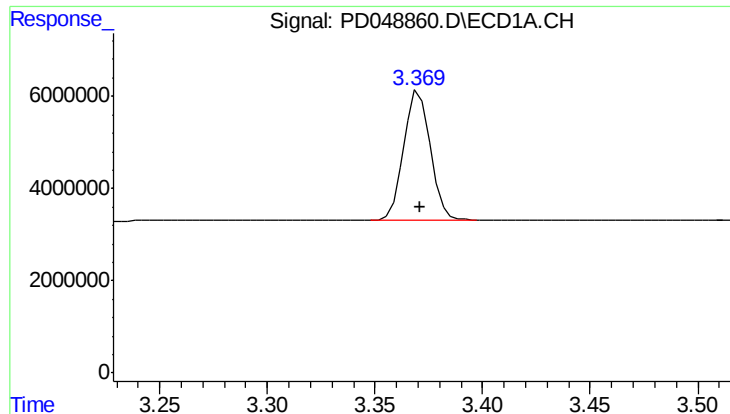
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 14 02:00:07 2018  
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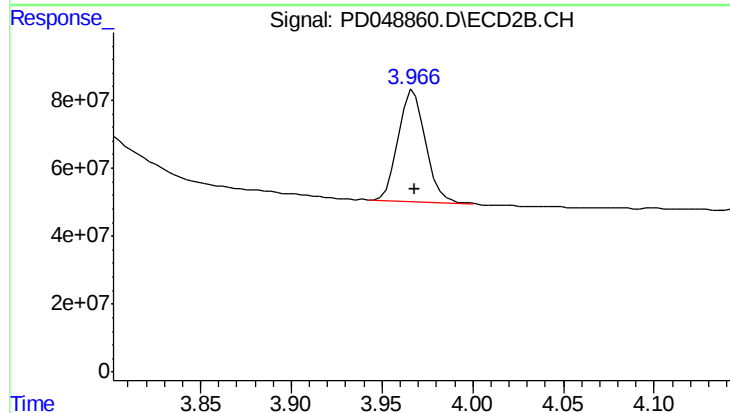
#1 Tetrachloro-m-xylene

R.T.: 3.369 min  
Delta R.T.: -0.001 min  
Response: 24094379  
Conc: 21.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

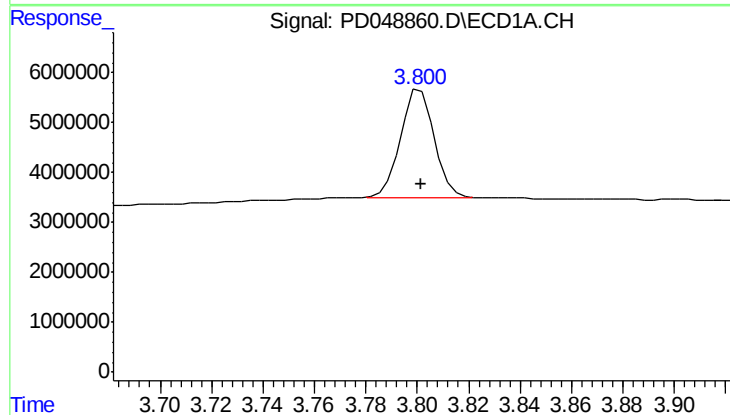
Manual Integrations  
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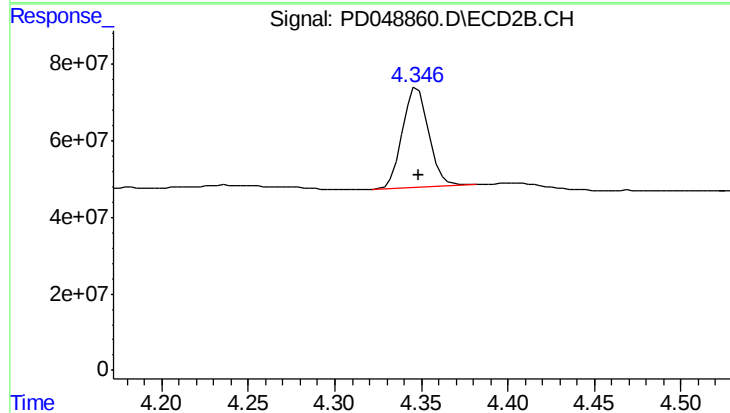
#1 Tetrachloro-m-xylene

R.T.: 3.968 min  
Delta R.T.: 0.000 min  
Response: 340056805  
Conc: 25.33 ng/ml



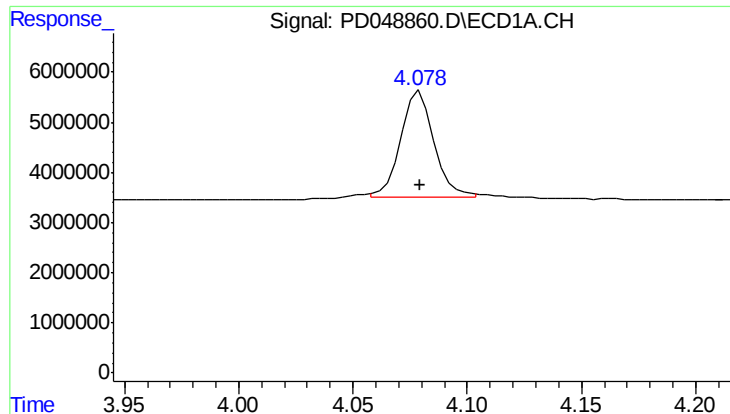
#2 alpha-BHC

R.T.: 3.800 min  
Delta R.T.: -0.002 min  
Response: 19667653  
Conc: 10.27 ng/ml m



#2 alpha-BHC

R.T.: 4.348 min  
Delta R.T.: 0.000 min  
Response: 277914618  
Conc: 12.23 ng/ml



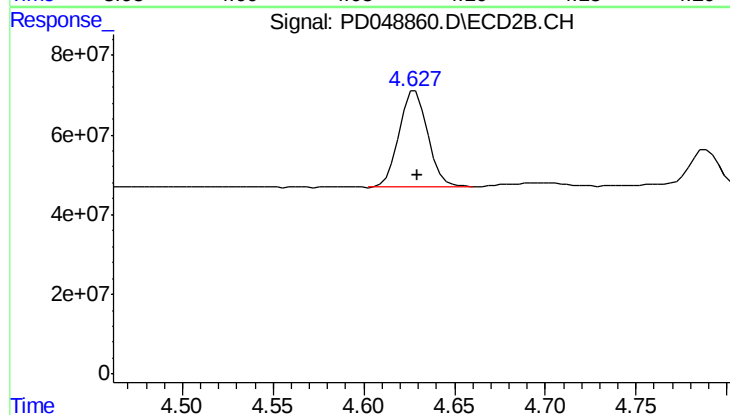
#3 gamma-BHC (Lindane)

R.T.: 4.078 min  
Delta R.T.: -0.001 min  
Response: 21475939  
Conc: 11.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

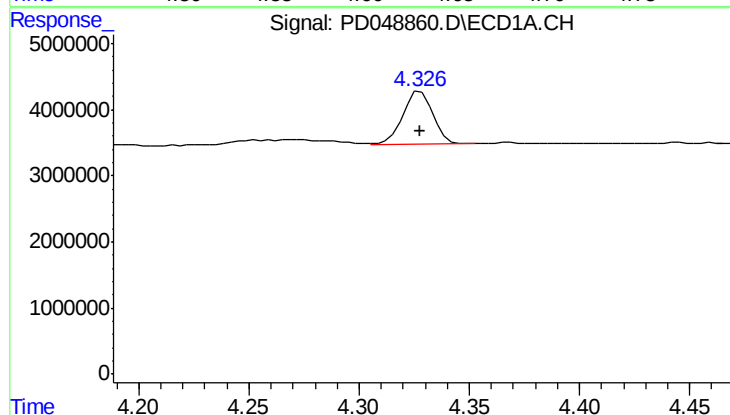
Manual Integrations  
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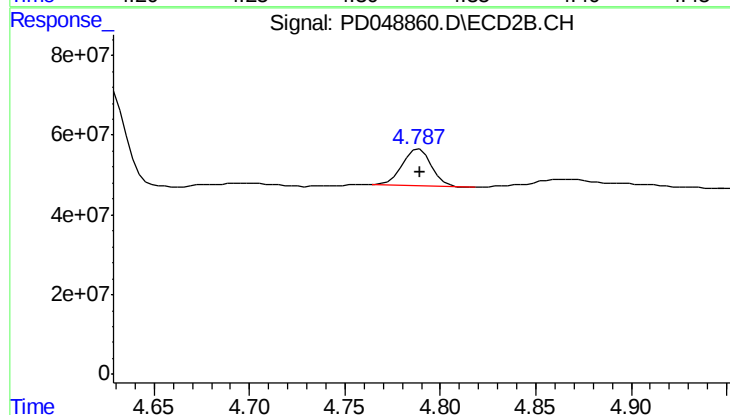
#3 gamma-BHC (Lindane)

R.T.: 4.628 min  
Delta R.T.: -0.001 min  
Response: 266697231  
Conc: 12.90 ng/ml



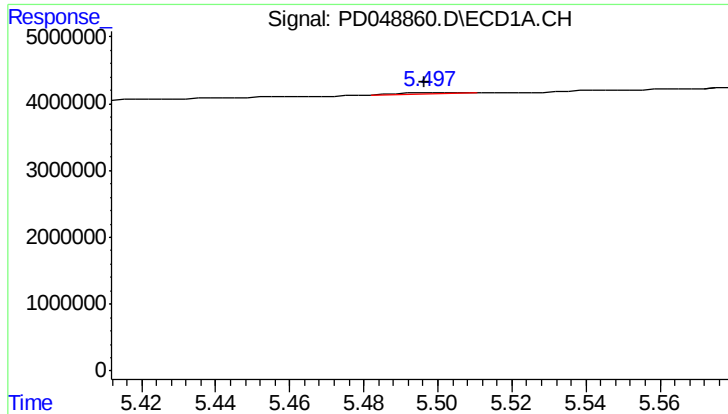
#6 beta-BHC

R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 7598703  
Conc: 10.65 ng/ml



#6 beta-BHC

R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 98052253  
Conc: 11.77 ng/ml



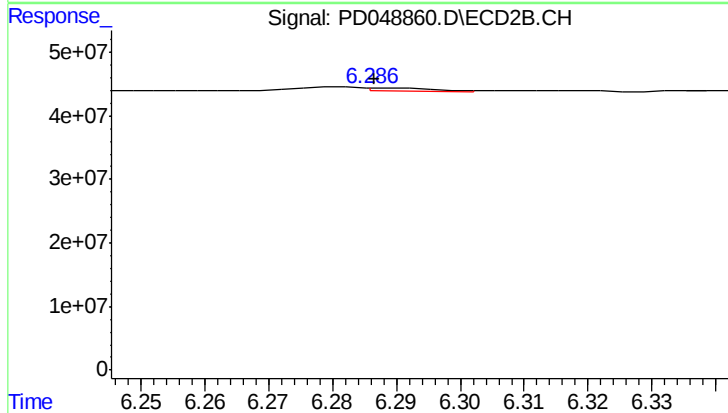
#12 4,4'-DDE

R.T.: 5.497 min  
Delta R.T.: 0.000 min  
Response: 253473  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

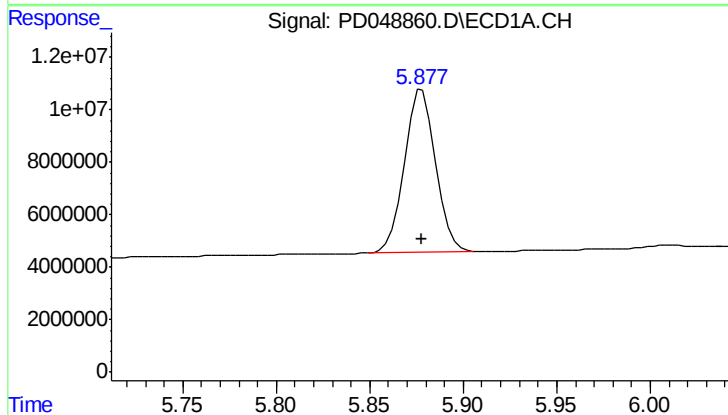
Manual Integrations  
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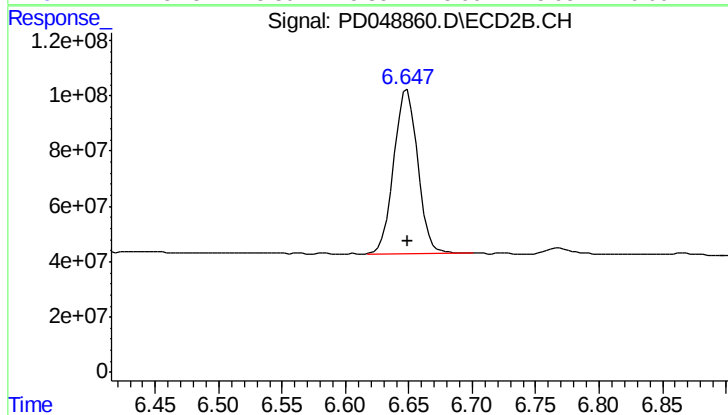
#12 4,4'-DDE

R.T.: 6.286 min  
Delta R.T.: 0.000 min  
Response: 3612367  
Conc: 0.23 ng/ml m



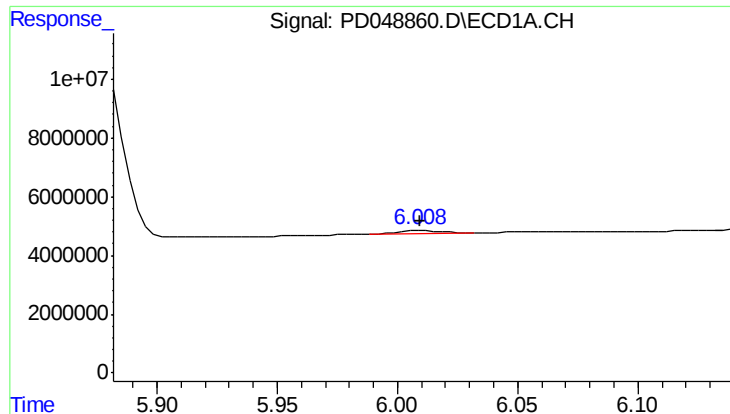
#14 Endrin

R.T.: 5.877 min  
Delta R.T.: -0.001 min  
Response: 72074337  
Conc: 45.14 ng/ml m



#14 Endrin

R.T.: 6.649 min  
Delta R.T.: 0.000 min  
Response: 786469941  
Conc: 48.49 ng/ml



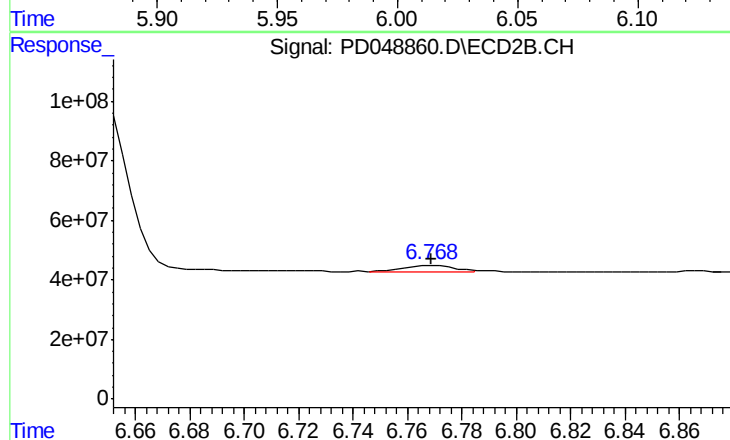
#16 4,4'-DDD

R.T.: 6.008 min  
Delta R.T.: -0.001 min  
Response: 1185430  
Conc: 0.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

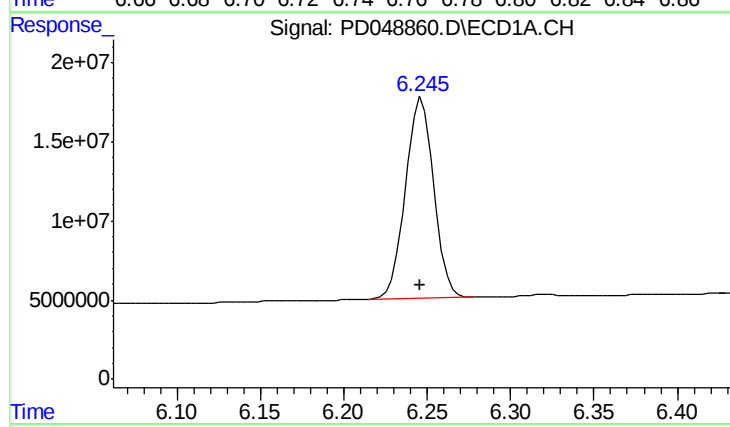
Manual Integrations  
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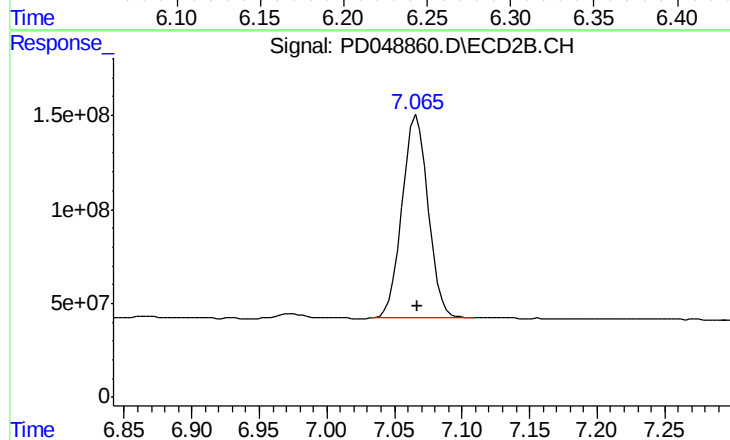
#16 4,4'-DDD

R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 26307514  
Conc: 2.07 ng/ml m



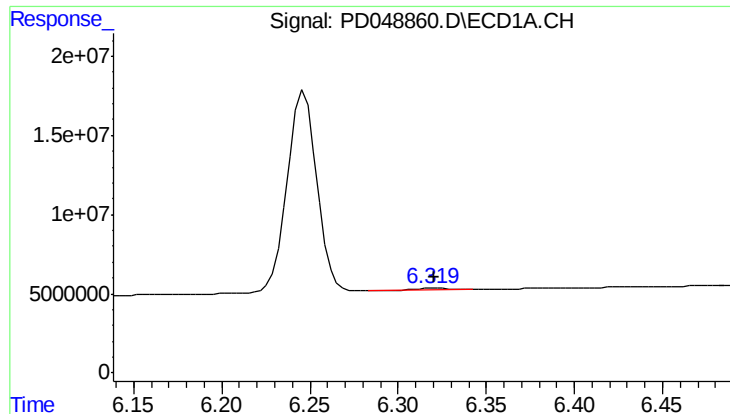
#17 4,4'-DDT

R.T.: 6.245 min  
Delta R.T.: 0.000 min  
Response: 147975442  
Conc: 104.39 ng/ml m



#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 1455136366  
Conc: 113.19 ng/ml



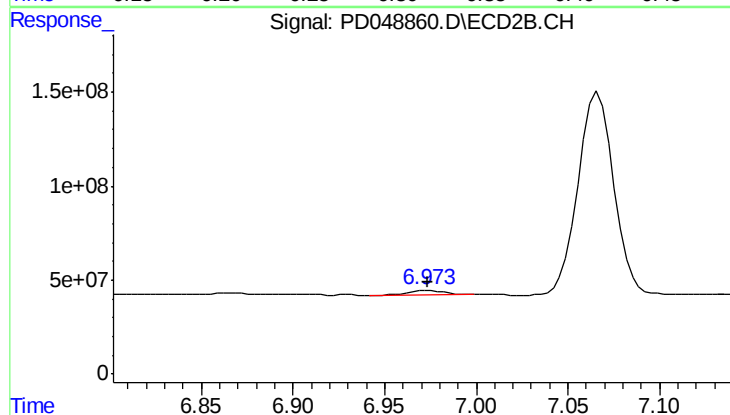
#18 Endrin aldehyde

R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 1393341  
Conc: 1.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

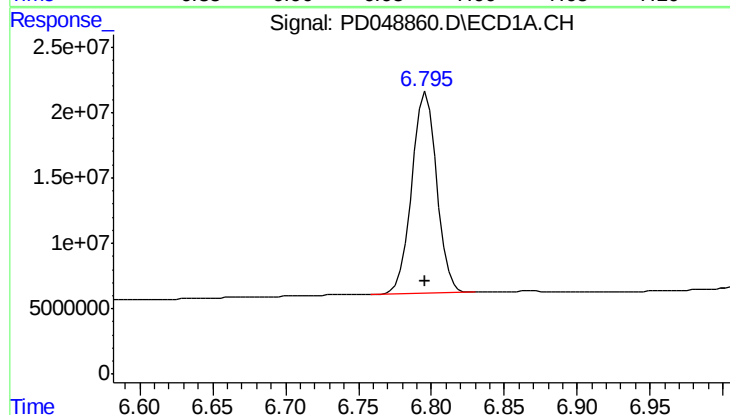
Manual Integrations  
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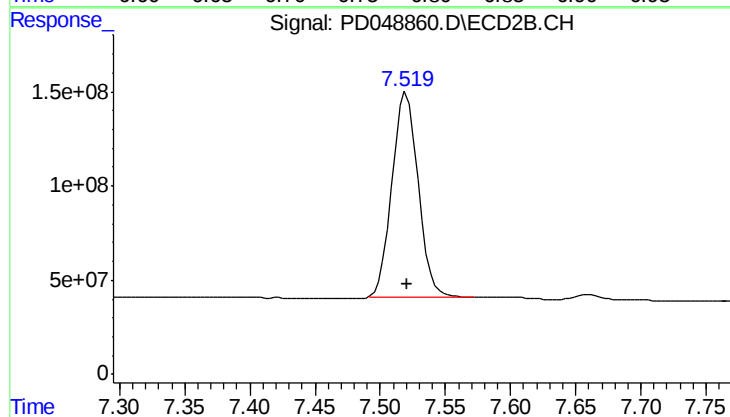
#18 Endrin aldehyde

R.T.: 6.974 min  
Delta R.T.: 0.000 min  
Response: 33650118  
Conc: 2.53 ng/ml



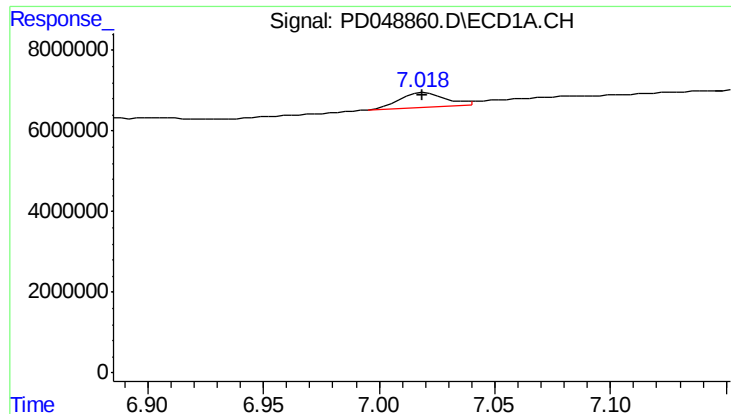
#20 Methoxychlor

R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 182034004  
Conc: 233.70 ng/ml m



#20 Methoxychlor

R.T.: 7.520 min  
Delta R.T.: 0.000 min  
Response: 1517001169  
Conc: 251.44 ng/ml



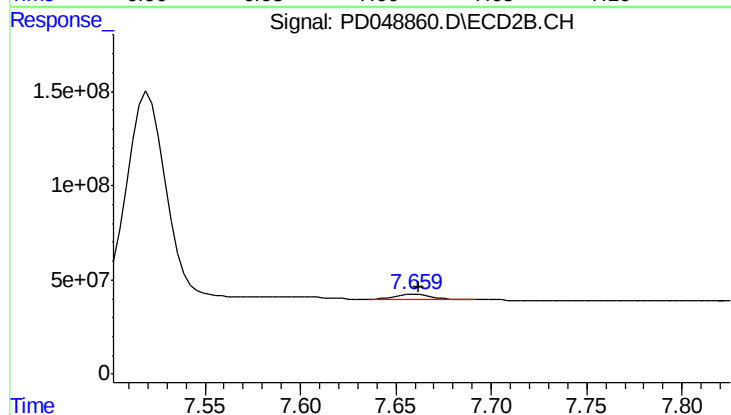
#21 Endrin ketone

R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 5399140  
Conc: 3.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

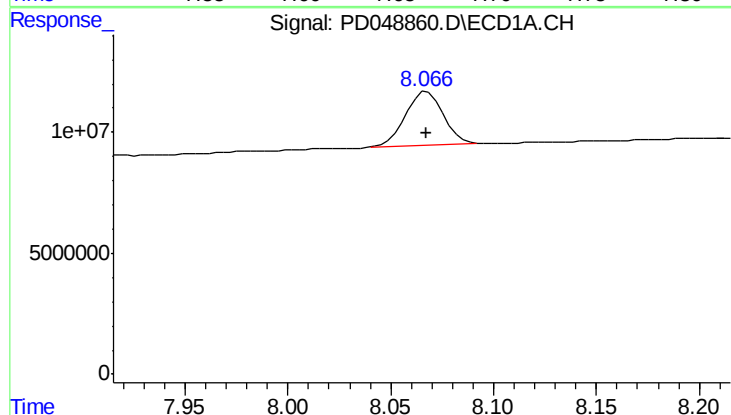
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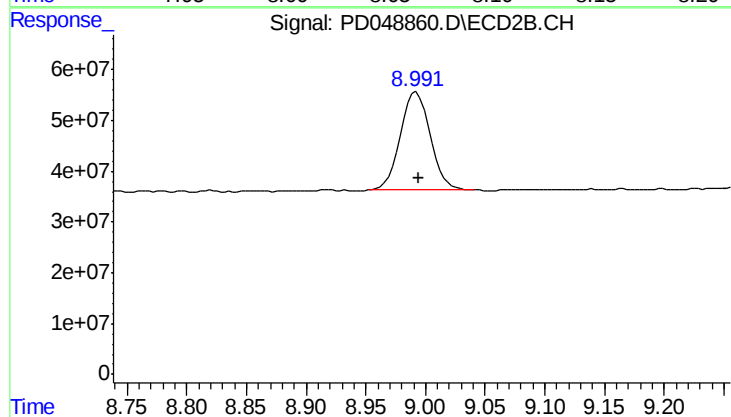
#21 Endrin ketone

R.T.: 7.661 min  
Delta R.T.: 0.000 min  
Response: 36098895  
Conc: 2.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min  
Delta R.T.: 0.000 min  
Response: 28386723  
Conc: 20.27 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.993 min  
Delta R.T.: -0.001 min  
Response: 338388198  
Conc: 22.41 ng/ml