

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060220\  
 Data File : PD058261.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jun 2020 09:40  
 Operator : AJ\MA  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 02 14:36:42 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060120.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 01 12:24:01 2020  
 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... | 3.209 | 3.866 | 17532500 | 24427078 | 22.398  | 20.451   |
| 28)                         | SA Decachlor... | 7.850 | 8.851 | 18933238 | 26000892 | 22.039  | 21.706   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.630 | 4.248 | 12187823 | 17943160 | 10.107m | 9.999    |
| 3)                          | MA gamma-BHC... | 3.901 | 4.527 | 11465042 | 16082175 | 9.953m  | 9.568    |
| 6)                          | B beta-BHC      | 4.152 | 4.699 | 5117980  | 7283226  | 10.917  | 10.732   |
| 12)                         | B 4,4'-DDE      | 5.297 | 6.171 | 159540   | 223383   | 0.166m  | 0.160m   |
| 14)                         | MA Endrin       | 5.668 | 6.532 | 34474430 | 57708729 | 65.389  | 51.460   |
| 16)                         | A 4,4'-DDD      | 5.806 | 6.659 | 463912   | 585415   | 1.128   | 0.613m#  |
| 17)                         | MA 4,4'-DDT     | 6.039 | 6.955 | 66032067 | 88648610 | 118.549 | 88.462 # |
| 18)                         | B Endrin al...  | 6.107 | 6.864 | 73819    | 214167   | 0.171m  | 0.209m   |
| 20)                         | A Methoxychlor  | 6.588 | 7.414 | 56091945 | 110.8E6  | 272.130 | 237.749  |
| 21)                         | B Endrin ke...  | 6.798 | 7.549 | 678752   | 1361114  | 1.144m  | 1.140m   |
| -----                       |                 |       |       |          |          |         |          |

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

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Acq On : 02 Jun 2020 09:40  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

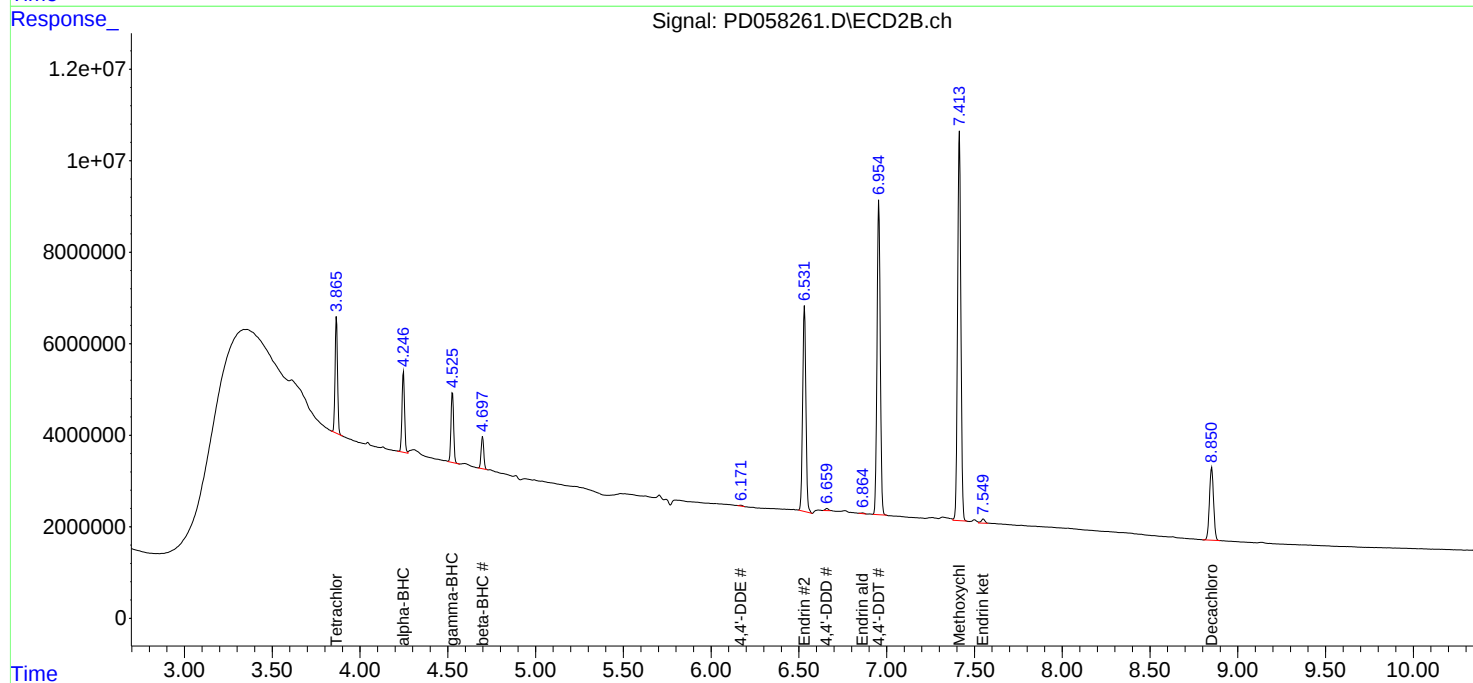
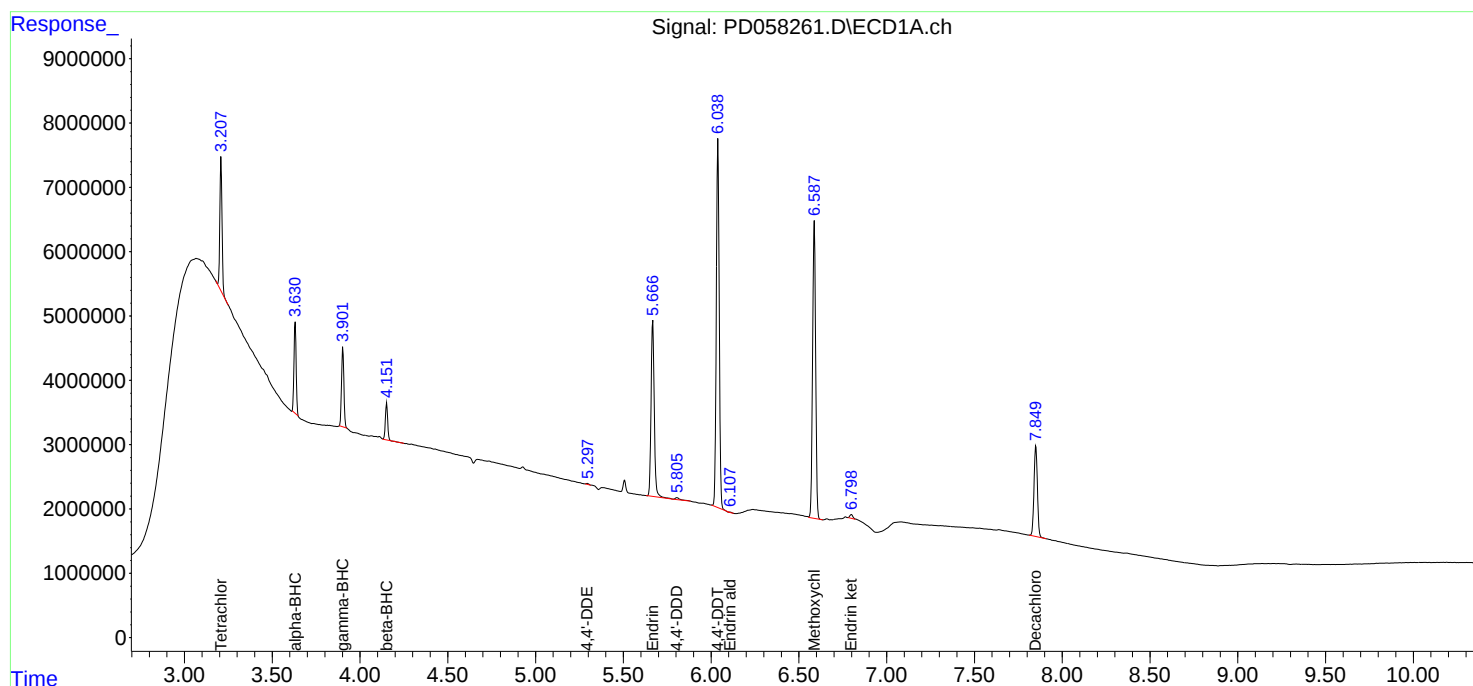
Instrument :  
ECD\_D  
ClientSampled :  
PEM

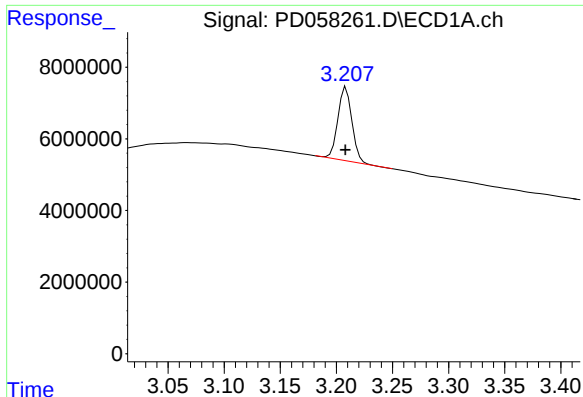
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Integration File signal 1: autoint1.e  
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Quant Time: Jun 02 14:36:42 2020  
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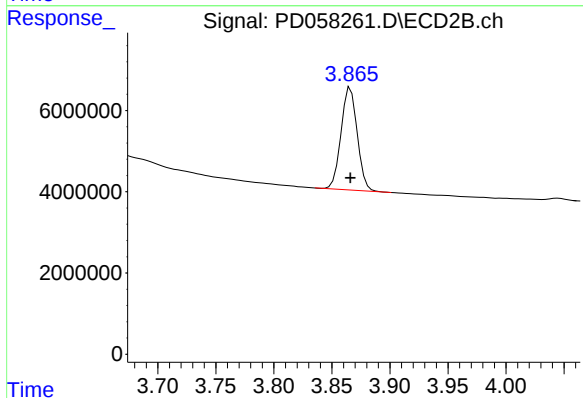
#1 Tetrachloro-m-xylene

R.T.: 3.209 min  
Delta R.T.: 0.000 min  
Response: 17532500  
Conc: 22.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

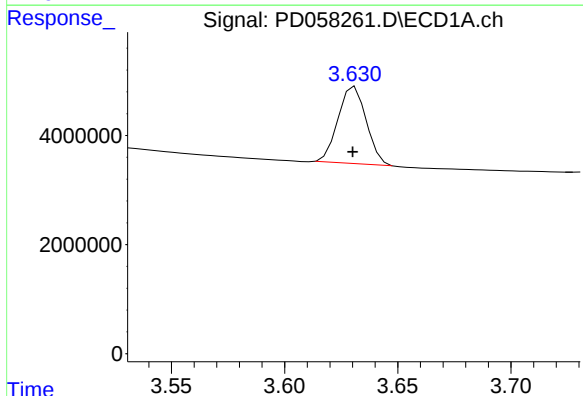
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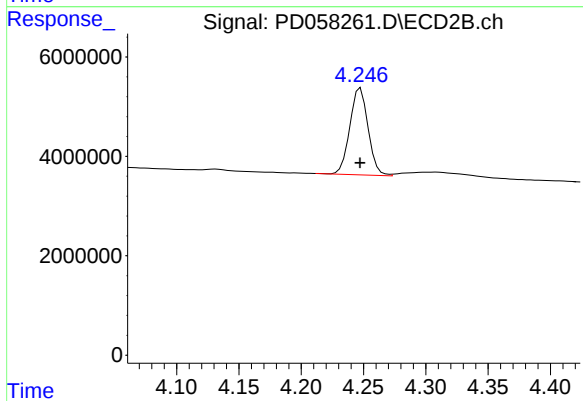
#1 Tetrachloro-m-xylene

R.T.: 3.866 min  
Delta R.T.: 0.000 min  
Response: 24427078  
Conc: 20.45 ng/ml



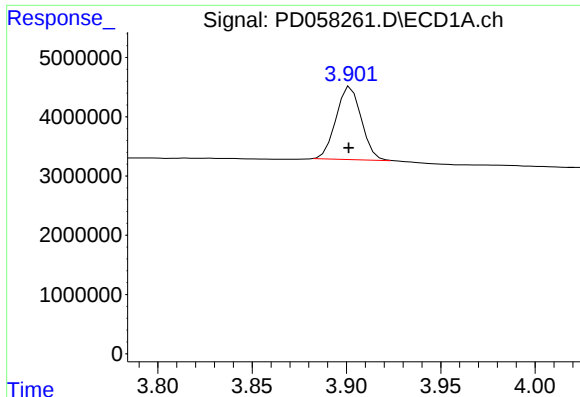
#2 alpha-BHC

R.T.: 3.630 min  
Delta R.T.: 0.000 min  
Response: 12187823  
Conc: 10.11 ng/ml m



#2 alpha-BHC

R.T.: 4.248 min  
Delta R.T.: 0.000 min  
Response: 17943160  
Conc: 10.00 ng/ml



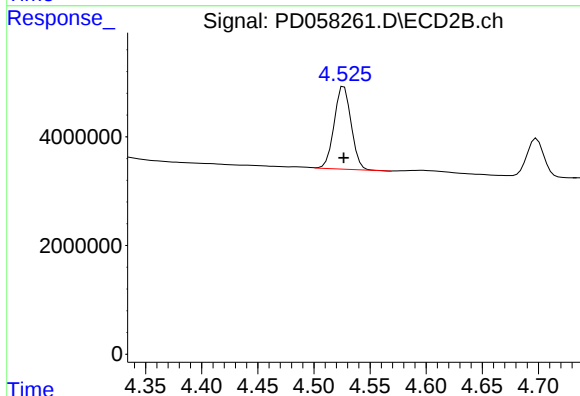
#3 gamma-BHC (Lindane)

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 11465042  
Conc: 9.95 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

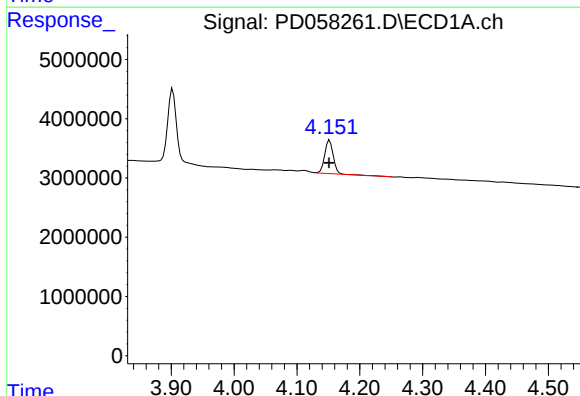
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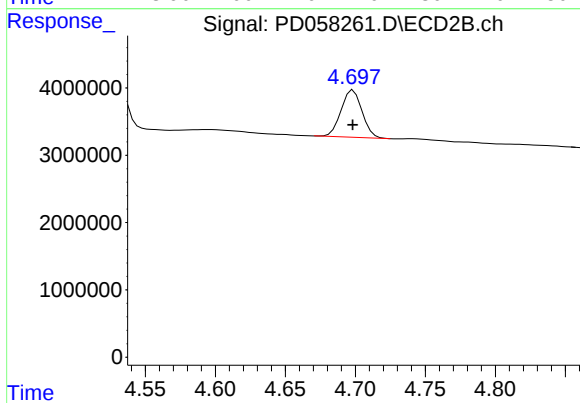
#3 gamma-BHC (Lindane)

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 16082175  
Conc: 9.57 ng/ml



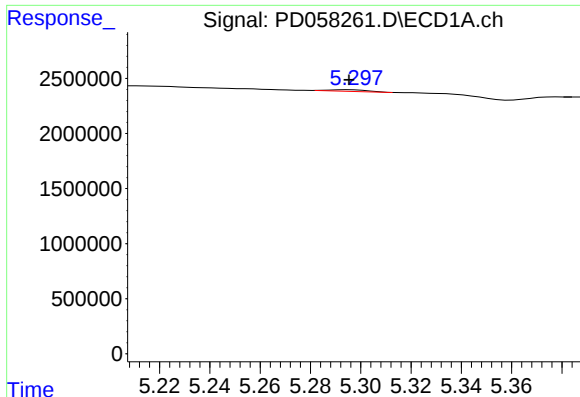
#6 beta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.001 min  
Response: 5117980  
Conc: 10.92 ng/ml



#6 beta-BHC

R.T.: 4.699 min  
Delta R.T.: 0.000 min  
Response: 7283226  
Conc: 10.73 ng/ml



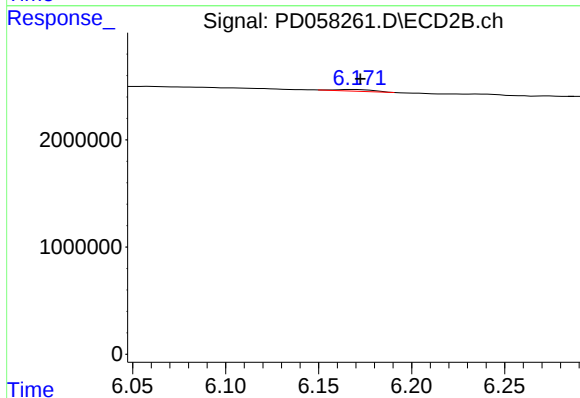
#12 4,4'-DDE

R.T.: 5.297 min  
Delta R.T.: 0.002 min  
Response: 159540  
Conc: 0.17 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

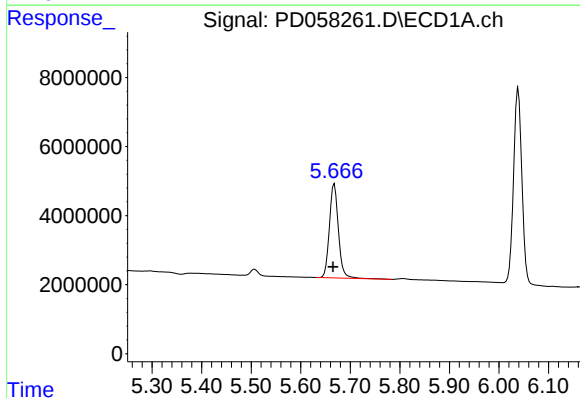
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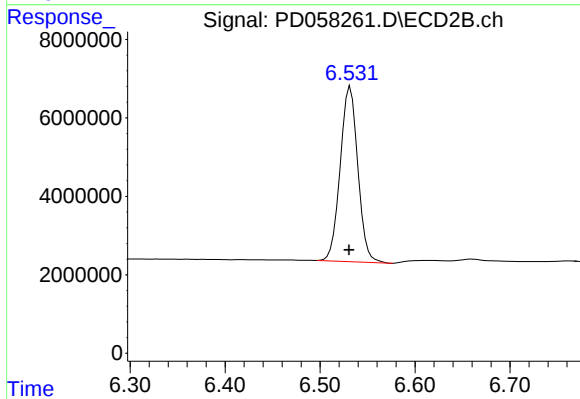
#12 4,4'-DDE

R.T.: 6.171 min  
Delta R.T.: -0.002 min  
Response: 223383  
Conc: 0.16 ng/ml m



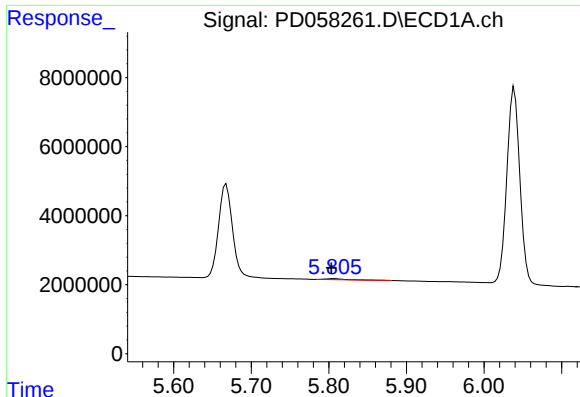
#14 Endrin

R.T.: 5.668 min  
Delta R.T.: 0.003 min  
Response: 34474430  
Conc: 65.39 ng/ml



#14 Endrin

R.T.: 6.532 min  
Delta R.T.: 0.001 min  
Response: 57708729  
Conc: 51.46 ng/ml



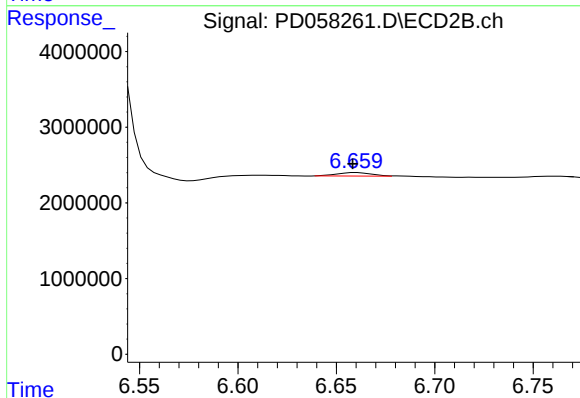
#16 4,4'-DDD

R.T.: 5.806 min  
Delta R.T.: 0.003 min  
Response: 463912  
Conc: 1.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

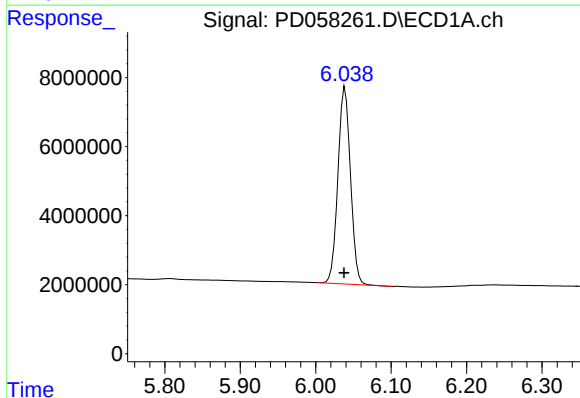
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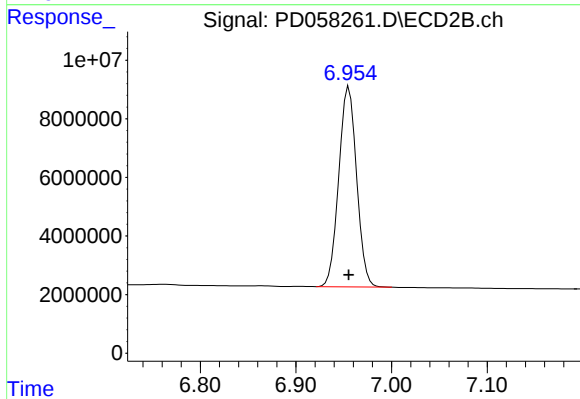
#16 4,4'-DDD

R.T.: 6.659 min  
Delta R.T.: 0.000 min  
Response: 585415  
Conc: 0.61 ng/ml m



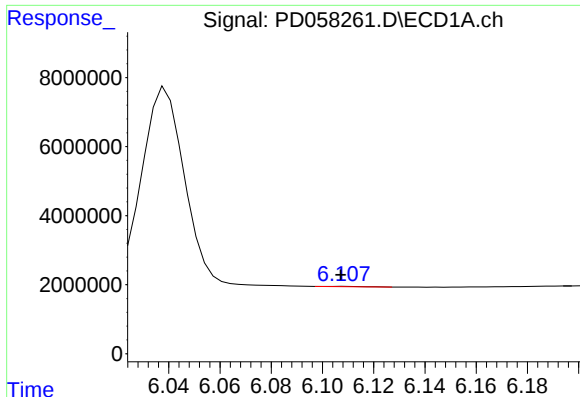
#17 4,4'-DDT

R.T.: 6.039 min  
Delta R.T.: 0.002 min  
Response: 66032067  
Conc: 118.55 ng/ml



#17 4,4'-DDT

R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 88648610  
Conc: 88.46 ng/ml



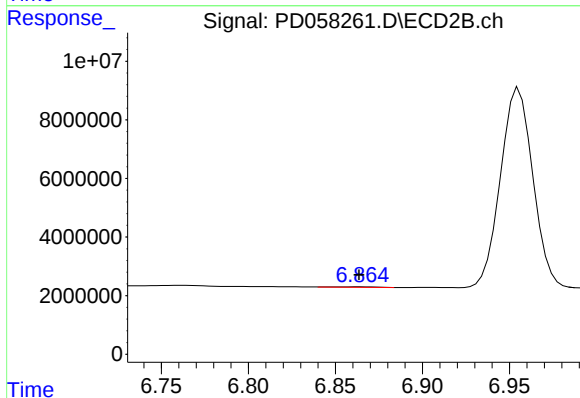
#18 Endrin aldehyde

R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 73819  
Conc: 0.17 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

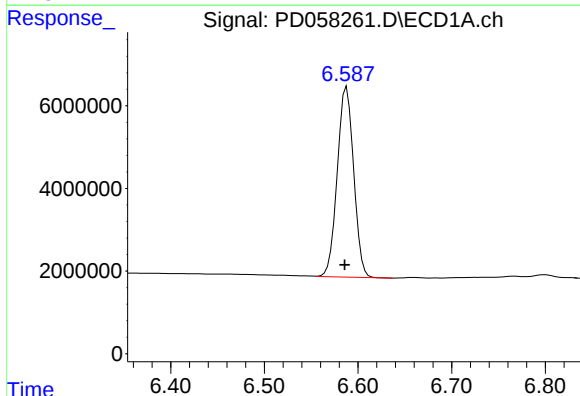
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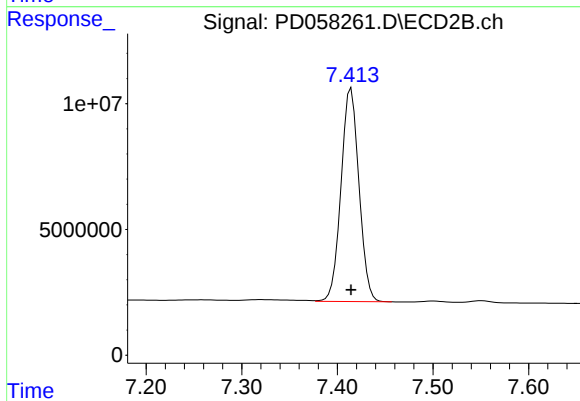
#18 Endrin aldehyde

R.T.: 6.864 min  
Delta R.T.: 0.000 min  
Response: 214167  
Conc: 0.21 ng/ml m



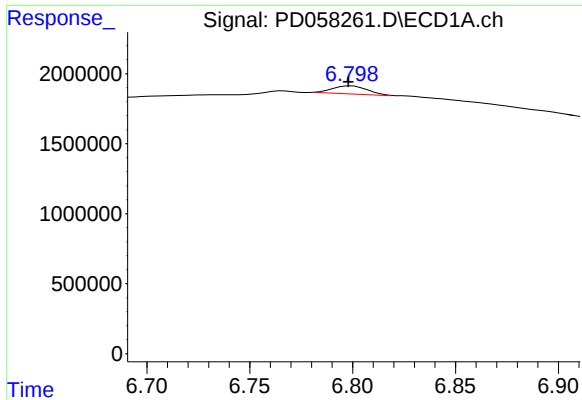
#20 Methoxychlor

R.T.: 6.588 min  
Delta R.T.: 0.002 min  
Response: 56091945  
Conc: 272.13 ng/ml



#20 Methoxychlor

R.T.: 7.414 min  
Delta R.T.: 0.000 min  
Response: 110819776  
Conc: 237.75 ng/ml



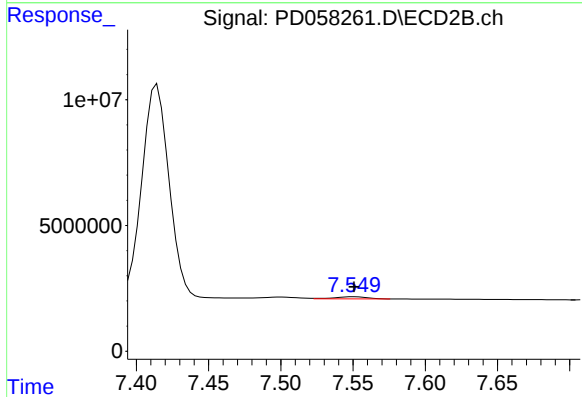
#21 Endrin ketone

R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 678752  
Conc: 1.14 ng/ml m

Instrument :  
ECD\_D  
ClientSampled :  
PEM

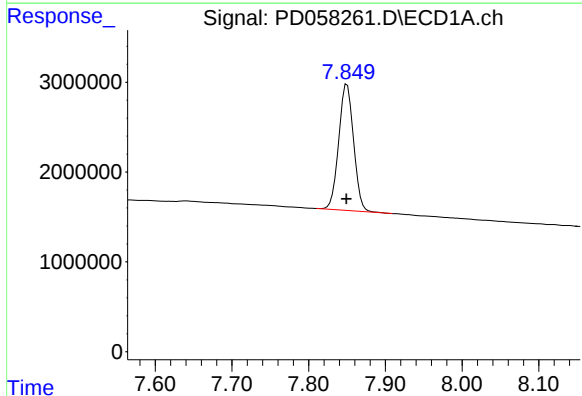
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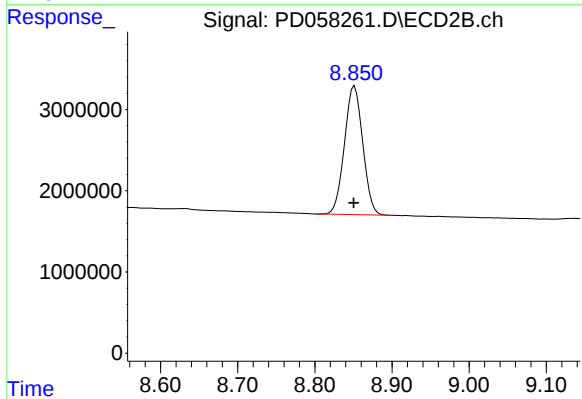
#21 Endrin ketone

R.T.: 7.549 min  
Delta R.T.: -0.002 min  
Response: 1361114  
Conc: 1.14 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.850 min  
Delta R.T.: 0.000 min  
Response: 18933238  
Conc: 22.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.851 min  
Delta R.T.: 0.000 min  
Response: 26000892  
Conc: 21.71 ng/ml