

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062019\  
 Data File : PL049725.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jun 2019 01:45  
 Operator : SM\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 21 03:56:06 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 21 02:23:20 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.324 | 3.936 | 241.3E6  | 63405702 | 21.394  | 20.709  |
| 28)                         | SA Decachlor... | 7.991 | 8.973 | 269.1E6  | 71842296 | 21.178  | 21.400  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.752 | 4.324 | 187.4E6  | 41827839 | 9.973   | 9.344   |
| 3)                          | MA gamma-BHC... | 4.028 | 4.608 | 172.6E6  | 40747193 | 9.733   | 9.824   |
| 6)                          | B beta-BHC      | 4.282 | 4.783 | 79601764 | 19951719 | 10.882  | 10.300  |
| 12)                         | B 4,4'-DDE      | 5.432 | 6.263 | 4144753  | 557907   | 0.249m  | 0.161m# |
| 14)                         | MA Endrin       | 5.810 | 6.630 | 841.3E6  | 160.1E6  | 52.534  | 50.718  |
| 16)                         | A 4,4'-DDD      | 5.945 | 6.755 | 5197844  | 1080719  | 0.412m  | 0.413m  |
| 17)                         | MA 4,4'-DDT     | 6.179 | 7.055 | 1470.4E6 | 309.0E6  | 110.759 | 105.514 |
| 18)                         | B Endrin al...  | 6.249 | 6.964 | 4007343  | 646412   | 0.339m  | 0.235m# |
| 20)                         | A Methoxychlor  | 6.724 | 7.516 | 1629.3E6 | 403.2E6  | 249.966 | 241.922 |
| 21)                         | B Endrin ke...  | 6.943 | 7.656 | 10838434 | 2032436  | 0.771m  | 0.652m  |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PL049725.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jun 2019 01:45  
Operator : SM\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

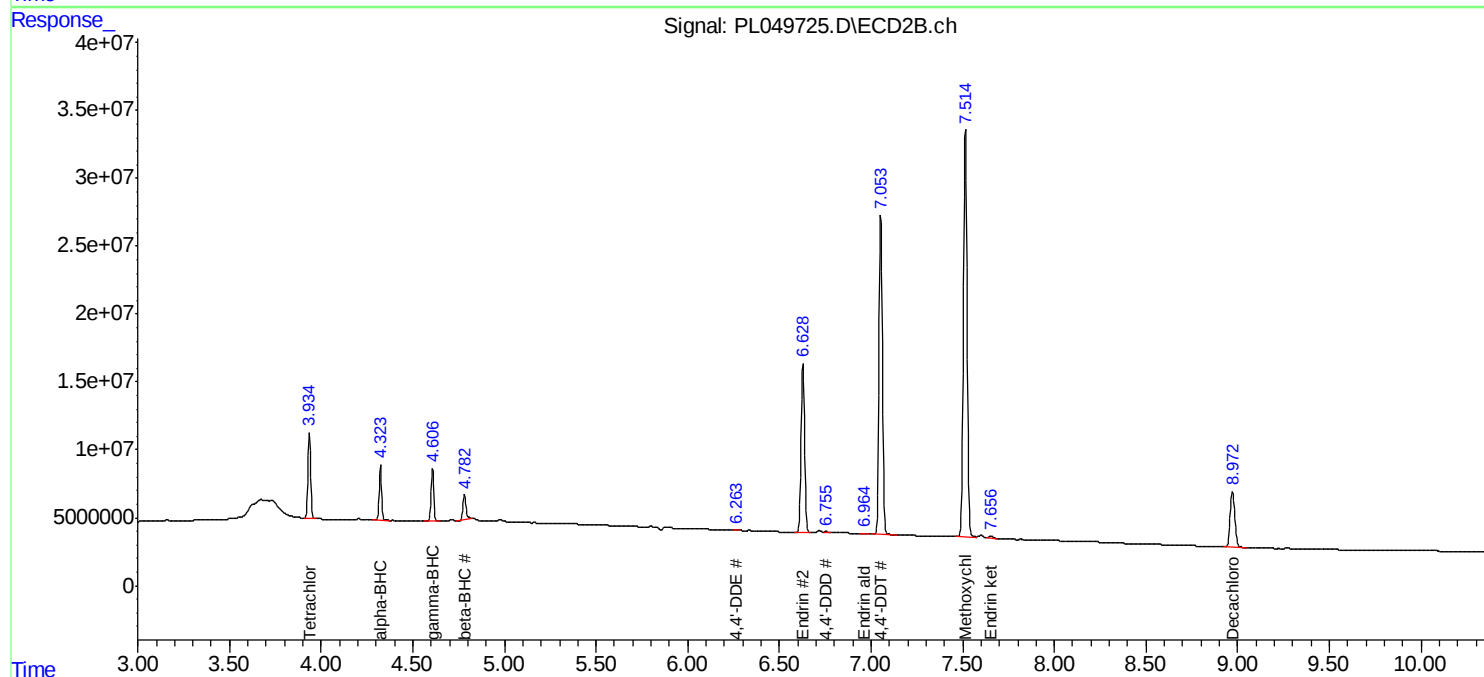
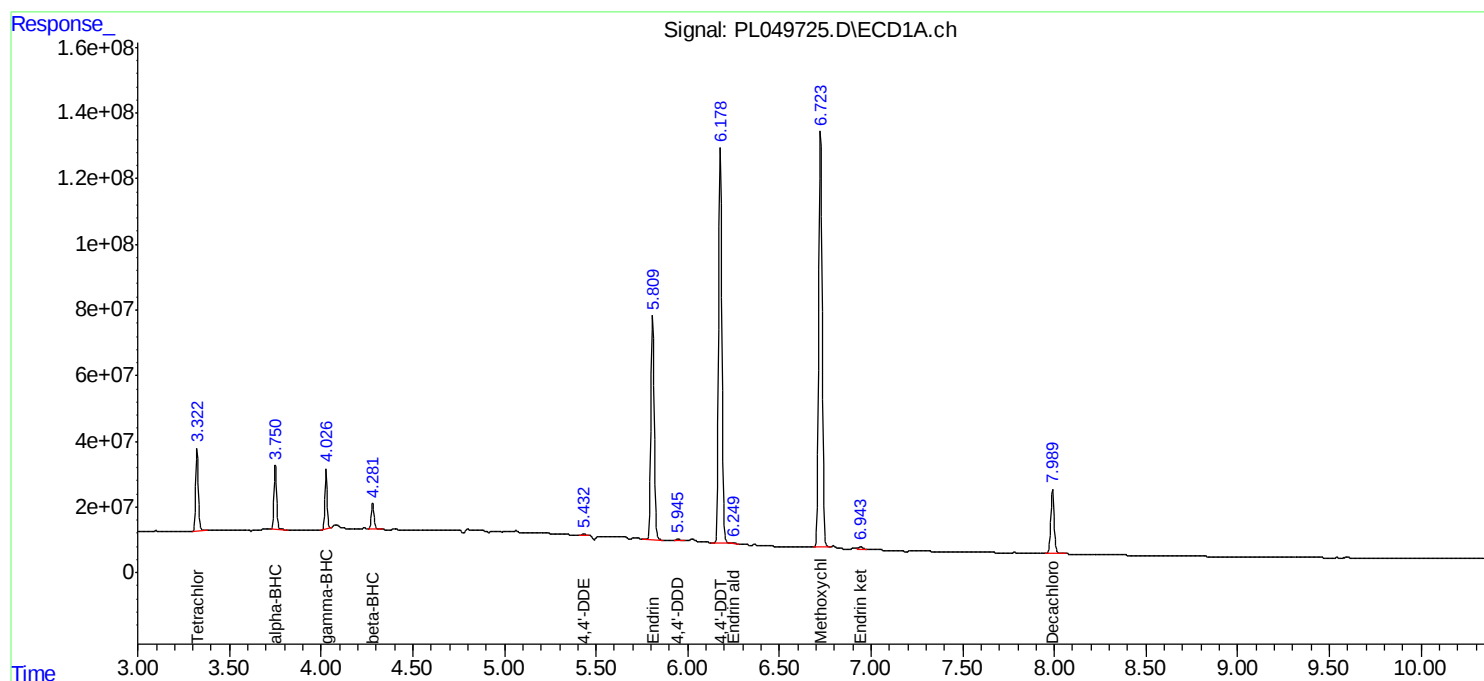
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

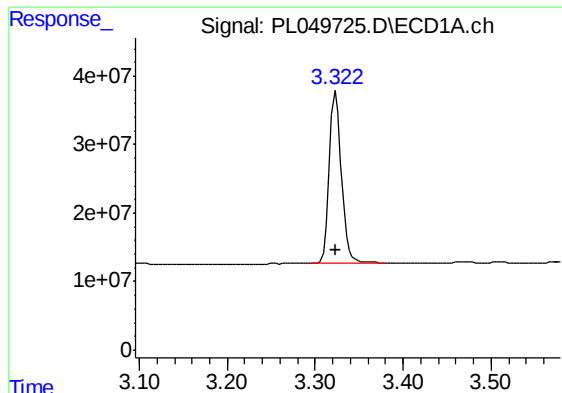
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 21 03:56:06 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
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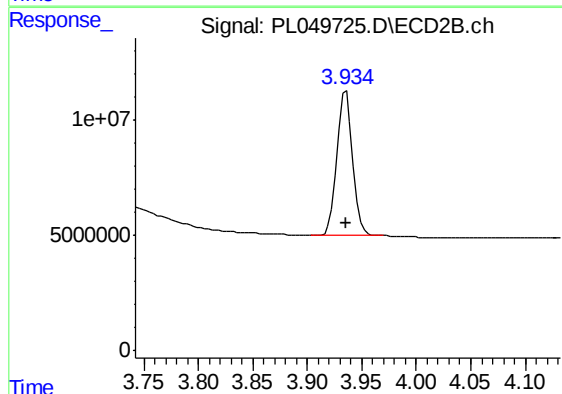
#1 Tetrachloro-m-xylene

R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 241272569  
Conc: 21.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

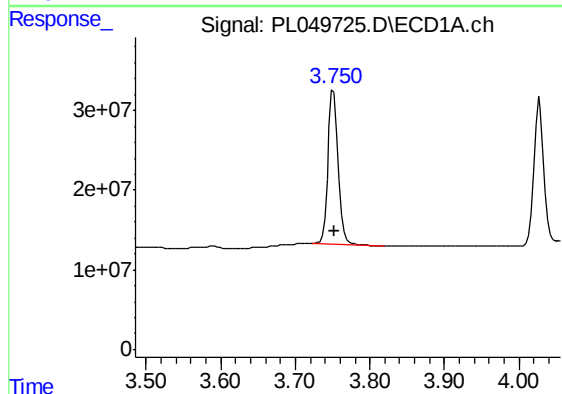
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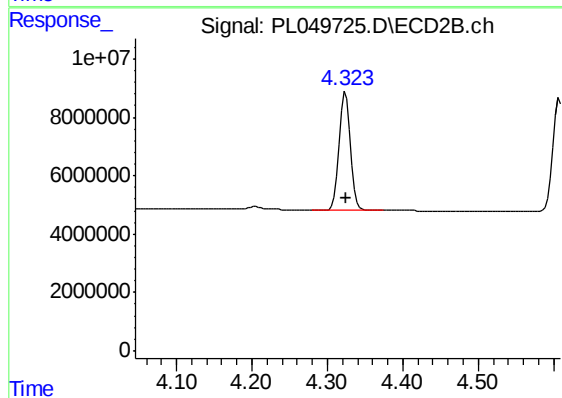
#1 Tetrachloro-m-xylene

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 63405702  
Conc: 20.71 ng/ml



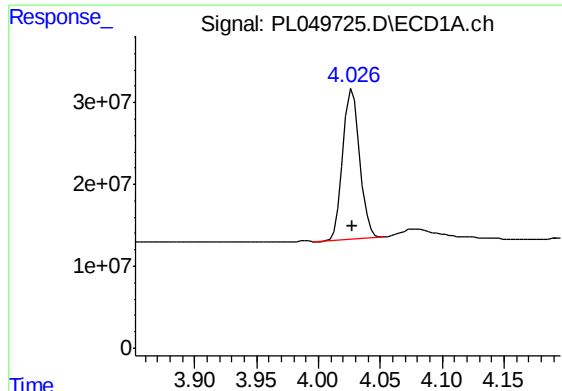
#2 alpha-BHC

R.T.: 3.752 min  
Delta R.T.: 0.000 min  
Response: 187365119  
Conc: 9.97 ng/ml



#2 alpha-BHC

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 41827839  
Conc: 9.34 ng/ml



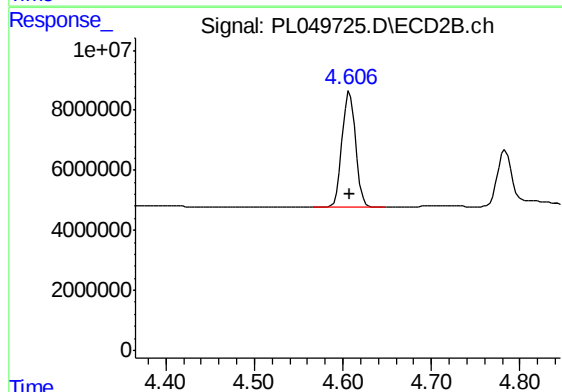
#3 gamma-BHC (Lindane)

R.T.: 4.028 min  
Delta R.T.: 0.000 min  
Response: 172563507  
Conc: 9.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

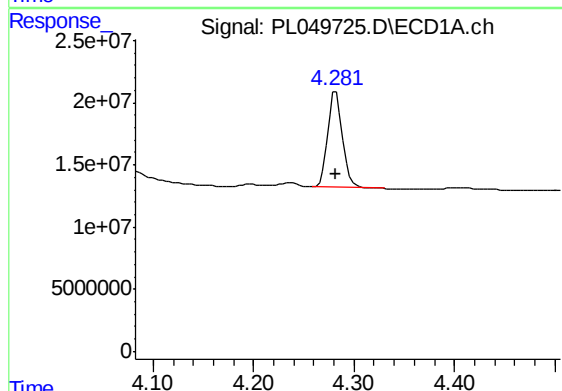
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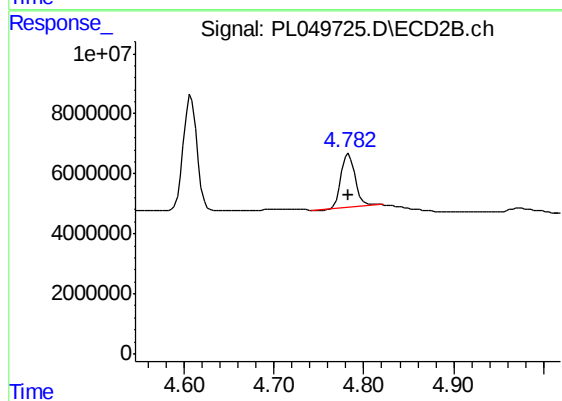
#3 gamma-BHC (Lindane)

R.T.: 4.608 min  
Delta R.T.: 0.000 min  
Response: 40747193  
Conc: 9.82 ng/ml



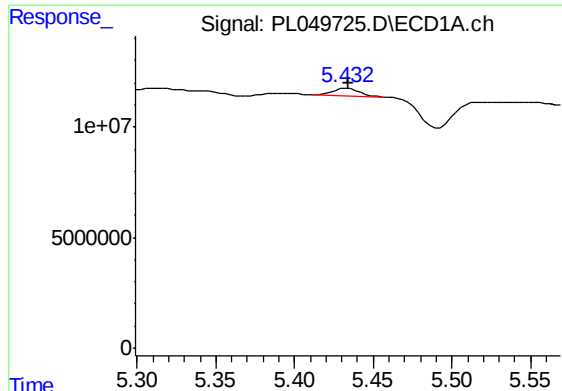
#6 beta-BHC

R.T.: 4.282 min  
Delta R.T.: 0.000 min  
Response: 79601764  
Conc: 10.88 ng/ml



#6 beta-BHC

R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 19951719  
Conc: 10.30 ng/ml



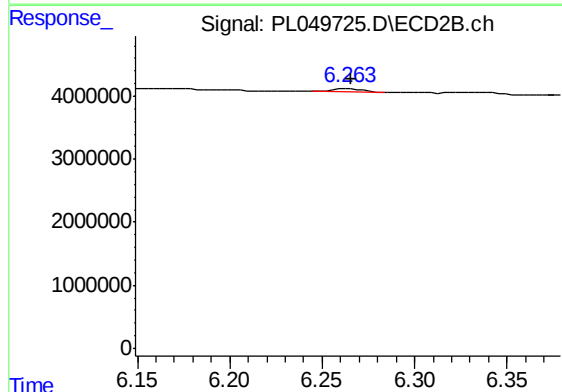
#12 4,4'-DDE

R.T.: 5.432 min  
Delta R.T.: -0.002 min  
Response: 4144753  
Conc: 0.25 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

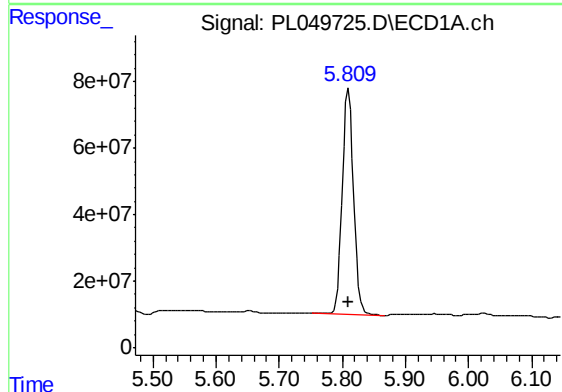
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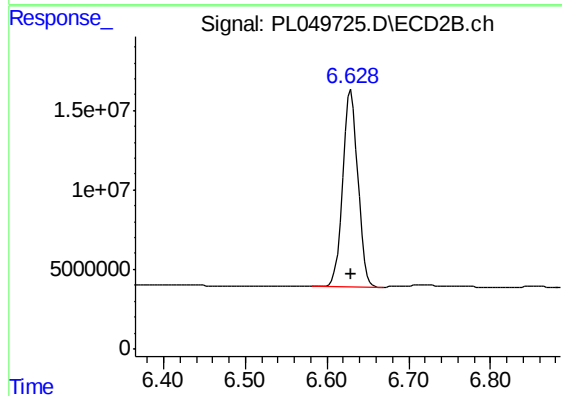
#12 4,4'-DDE

R.T.: 6.263 min  
Delta R.T.: -0.002 min  
Response: 557907  
Conc: 0.16 ng/ml m



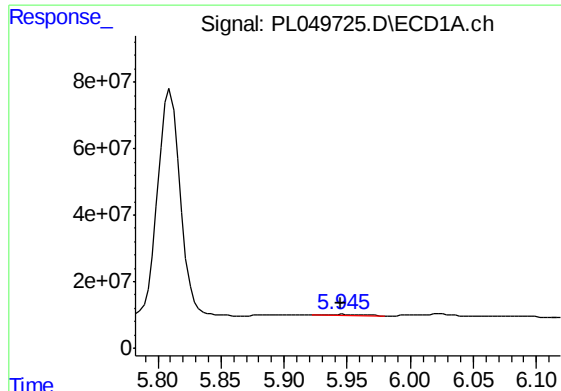
#14 Endrin

R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 841311381  
Conc: 52.53 ng/ml



#14 Endrin

R.T.: 6.630 min  
Delta R.T.: 0.000 min  
Response: 160127554  
Conc: 50.72 ng/ml



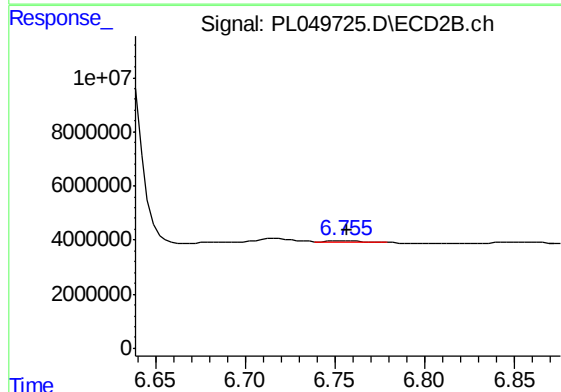
#16 4,4'-DDD

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 5197844  
Conc: 0.41 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

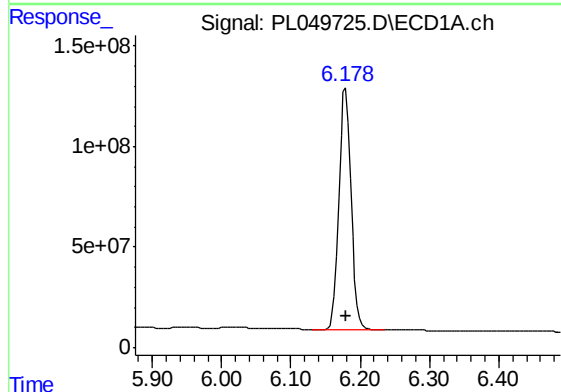
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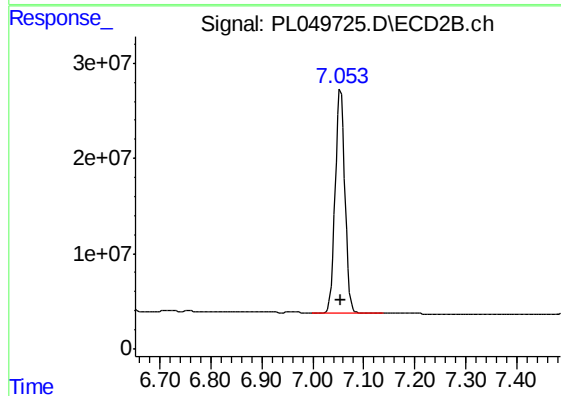
#16 4,4'-DDD

R.T.: 6.755 min  
Delta R.T.: -0.002 min  
Response: 1080719  
Conc: 0.41 ng/ml m



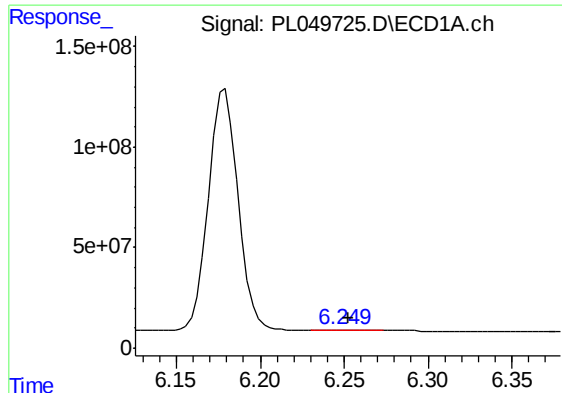
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: 0.000 min  
Response: 1470415928  
Conc: 110.76 ng/ml



#17 4,4'-DDT

R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 309026763  
Conc: 105.51 ng/ml



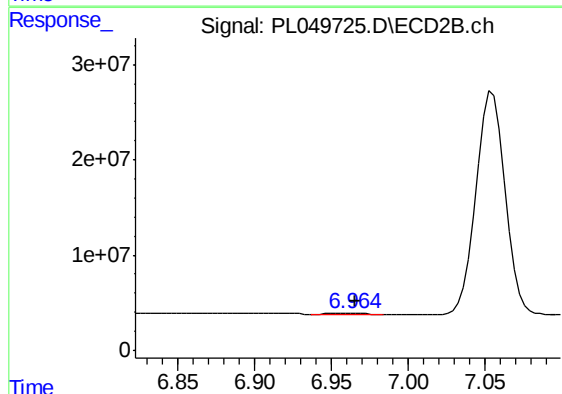
#18 Endrin aldehyde

R.T.: 6.249 min  
Delta R.T.: -0.004 min  
Response: 4007343  
Conc: 0.34 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

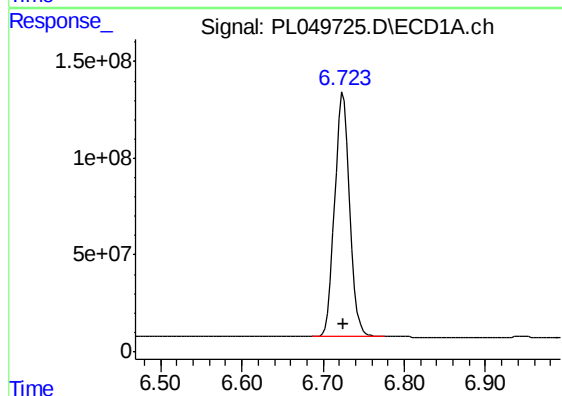
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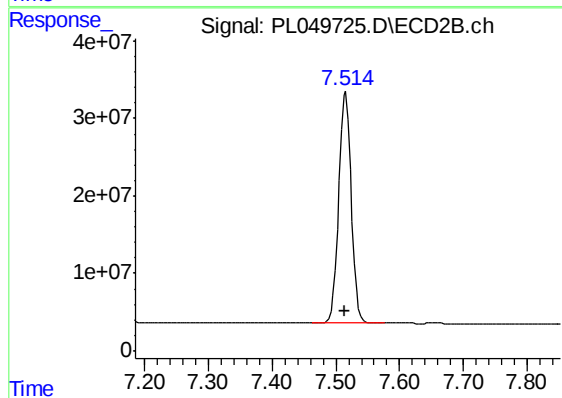
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: -0.001 min  
Response: 646412  
Conc: 0.24 ng/ml m



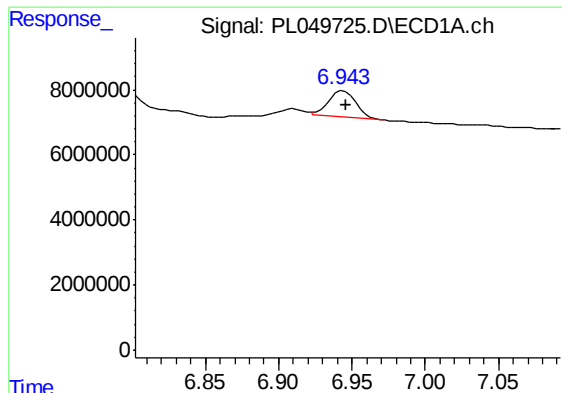
#20 Methoxychlor

R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 1629343237  
Conc: 249.97 ng/ml



#20 Methoxychlor

R.T.: 7.516 min  
Delta R.T.: 0.000 min  
Response: 403230407  
Conc: 241.92 ng/ml



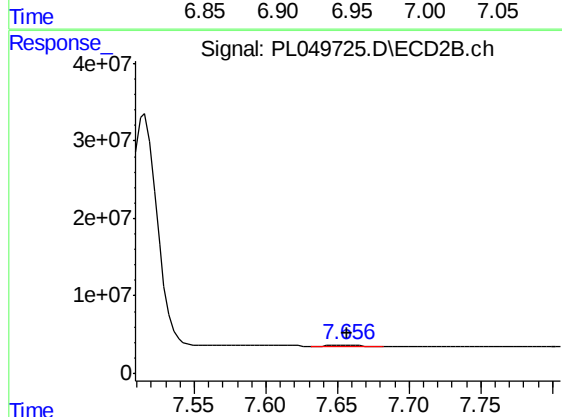
#21 Endrin ketone

R.T.: 6.943 min  
Delta R.T.: -0.003 min  
Response: 10838434  
Conc: 0.77 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

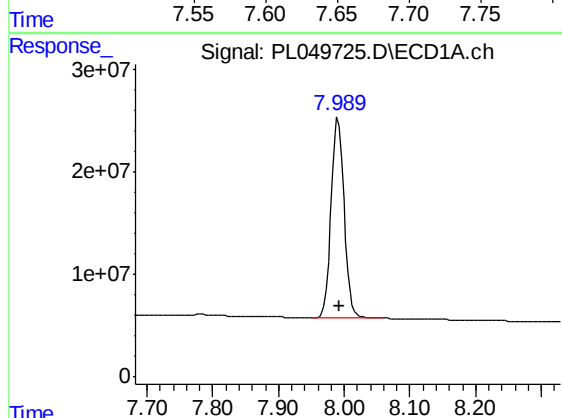
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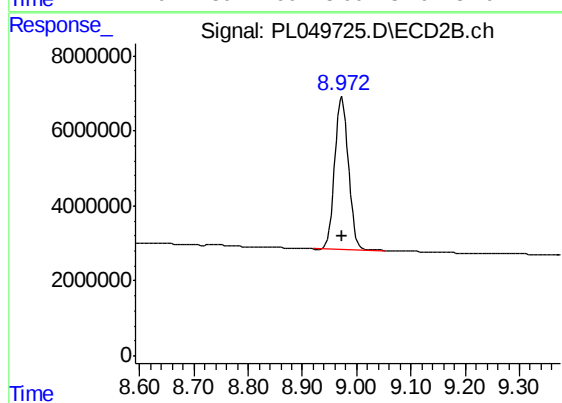
#21 Endrin ketone

R.T.: 7.656 min  
Delta R.T.: -0.002 min  
Response: 2032436  
Conc: 0.65 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.991 min  
Delta R.T.: -0.001 min  
Response: 269101729  
Conc: 21.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.973 min  
Delta R.T.: 0.000 min  
Response: 71842296  
Conc: 21.40 ng/ml