

Data Path : P:\HPCHEM1\ECD\_L\Data\PL013118\  
 Data File : PL032803.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Feb 2018 4:40  
 Operator : UA\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: Feb 01 06:05:32 2018  
 Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 27 04:03:48 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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 x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.408 | 3.993 | 186.2E6  | 26343101 | 20.829  | 21.036  |
| 28)                         | SA Decachlor... | 8.113 | 9.027 | 204.4E6  | 37256408 | 17.564  | 19.588  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.846 | 4.372 | 141.0E6  | 21906053 | 10.020  | 9.457   |
| 3)                          | MA gamma-BHC... | 4.126 | 4.653 | 134.7E6  | 22047751 | 10.434  | 10.264  |
| 6)                          | B beta-BHC      | 4.378 | 4.814 | 60517649 | 10336233 | 10.596  | 10.830  |
| 12)                         | B 4,4'-DDE      | 5.544 | 6.309 | 2274532  | 212916   | 0.179m  | 0.112m# |
| 14)                         | MA Endrin       | 5.929 | 6.672 | 563.4E6  | 83217697 | 48.248  | 49.347  |
| 16)                         | A 4,4'-DDD      | 6.060 | 6.793 | 40074978 | 8937217  | 3.809   | 6.266m# |
| 17)                         | MA 4,4'-DDT     | 6.296 | 7.096 | 1049.8E6 | 142.7E6  | 99.305  | 107.000 |
| 18)                         | B Endrin al...  | 6.370 | 6.996 | 7744175  | 1664165  | 0.784m  | 1.124m# |
| 20)                         | A Methoxychlor  | 6.845 | 7.552 | 1239.4E6 | 197.2E6  | 213.320 | 241.963 |
| 21)                         | B Endrin ke...  | 7.068 | 7.681 | 41113411 | 5445159  | 3.282m  | 3.015m  |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 01 Feb 2018 4:40  
Operator : UA\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

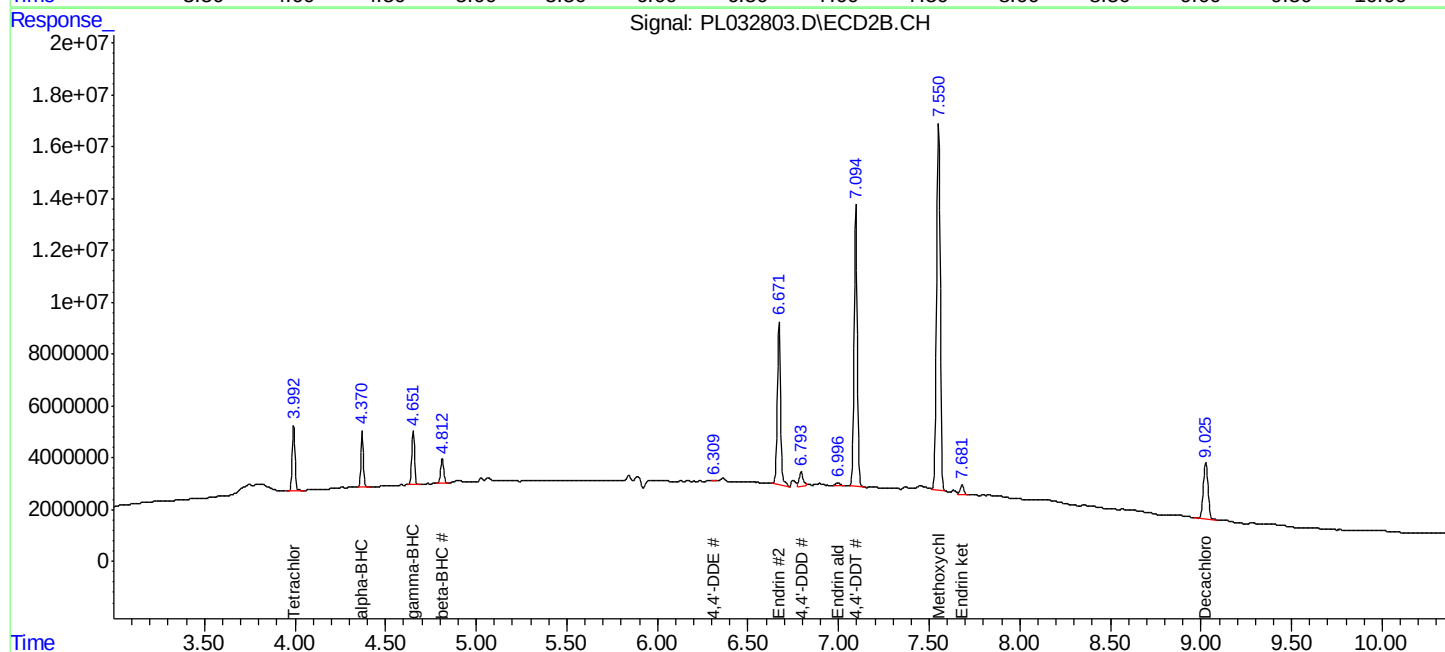
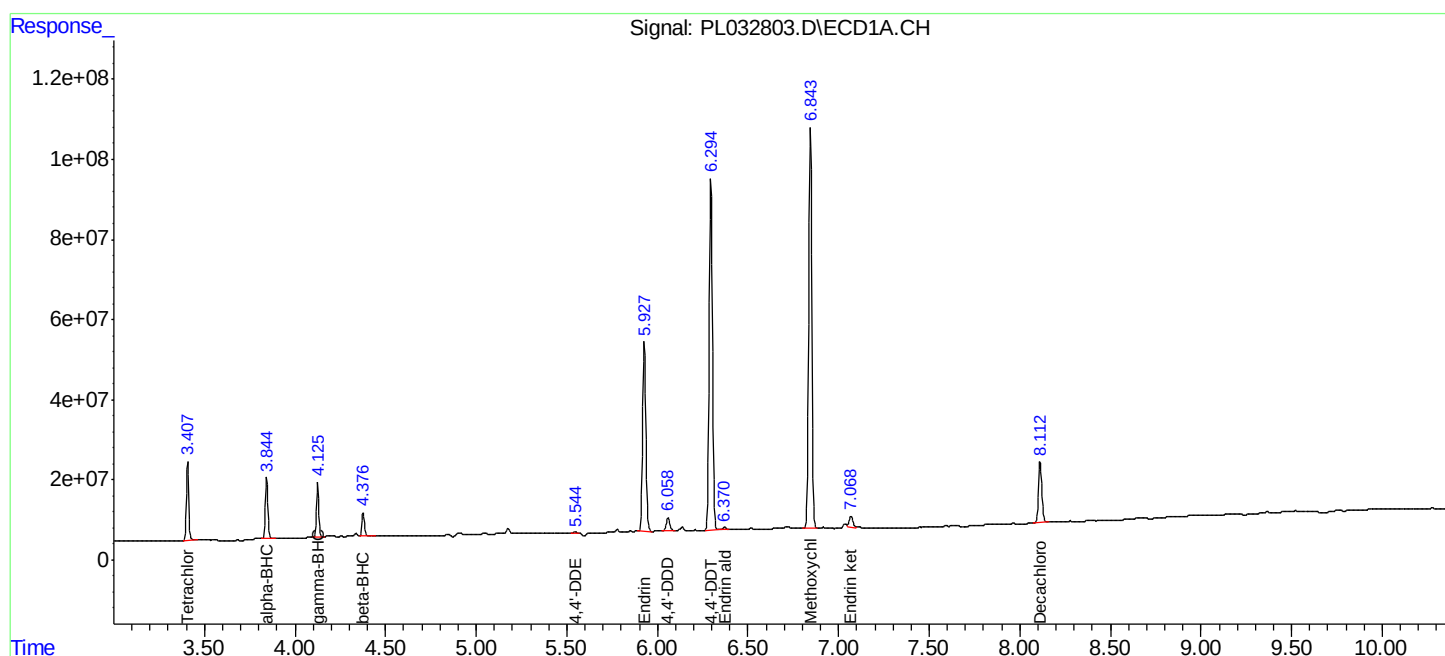
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

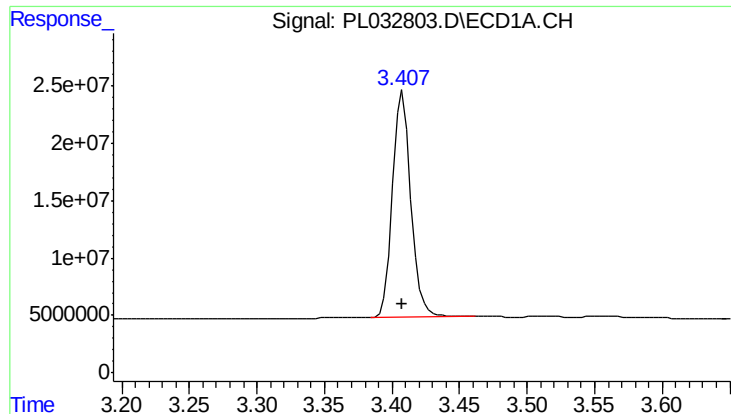
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Integration File signal 1: autoint1.e  
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Quant Time: Feb 01 06:05:32 2018  
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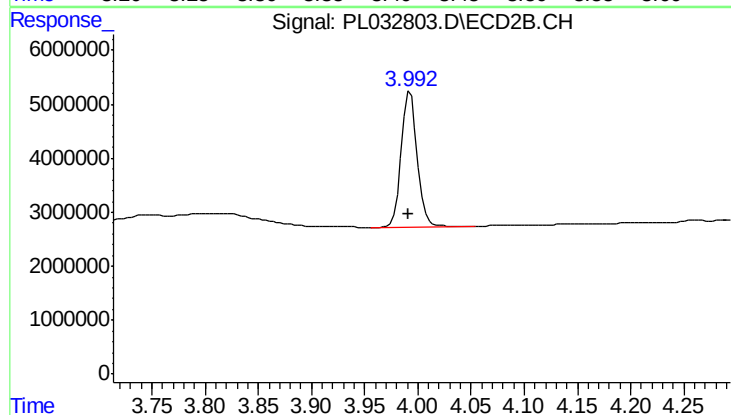
#1 Tetrachloro-m-xylene

R.T.: 3.408 min  
Delta R.T.: 0.000 min  
Response: 186213542  
Conc: 20.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

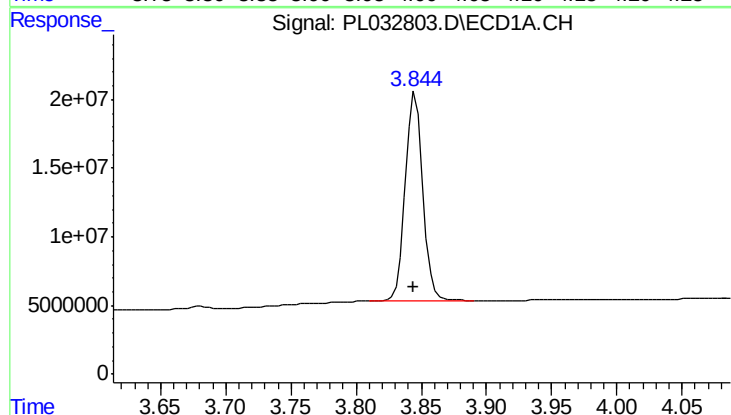
Manual Integrations  
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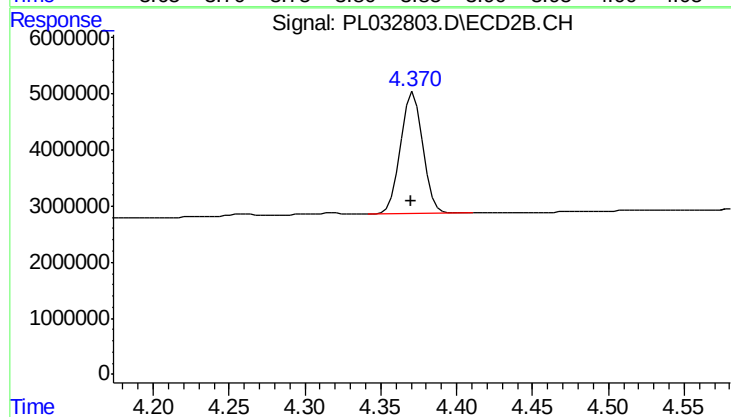
#1 Tetrachloro-m-xylene

R.T.: 3.993 min  
Delta R.T.: 0.002 min  
Response: 26343101  
Conc: 21.04 ng/ml



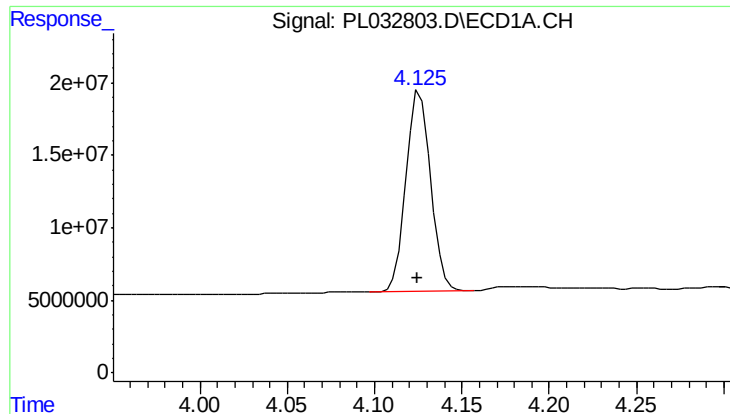
#2 alpha-BHC

R.T.: 3.846 min  
Delta R.T.: 0.001 min  
Response: 140991215  
Conc: 10.02 ng/ml



#2 alpha-BHC

R.T.: 4.372 min  
Delta R.T.: 0.002 min  
Response: 21906053  
Conc: 9.46 ng/ml



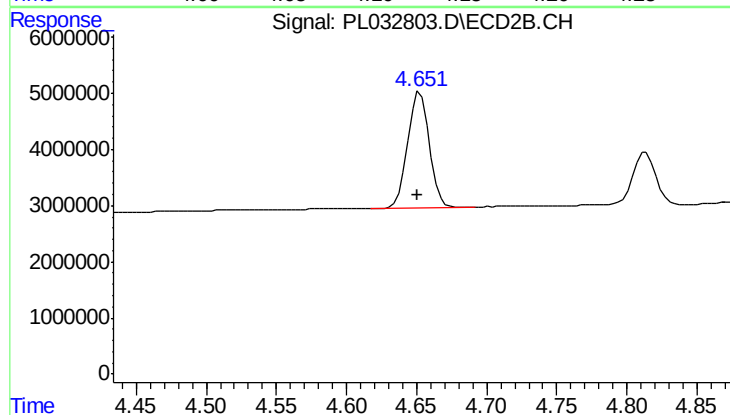
#3 gamma-BHC (Lindane)

R.T.: 4.126 min  
Delta R.T.: 0.001 min  
Response: 134725599  
Conc: 10.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

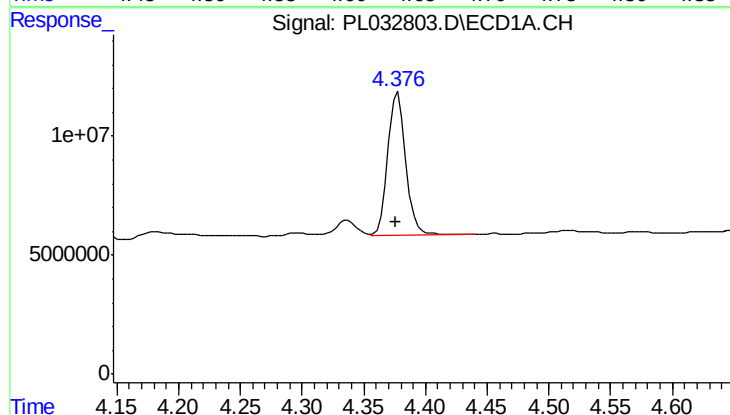
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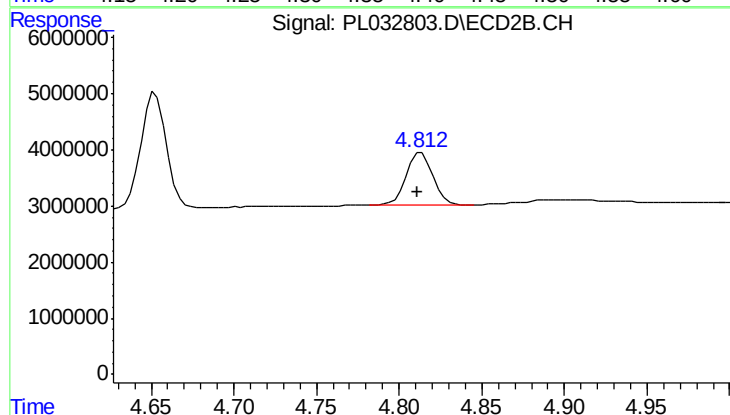
#3 gamma-BHC (Lindane)

R.T.: 4.653 min  
Delta R.T.: 0.002 min  
Response: 22047751  
Conc: 10.26 ng/ml



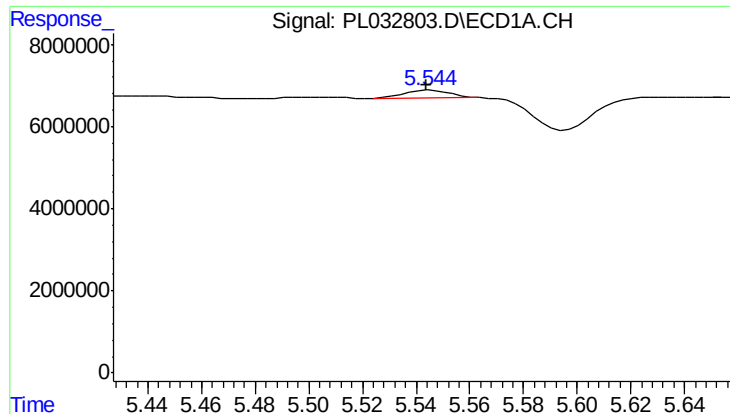
#6 beta-BHC

R.T.: 4.378 min  
Delta R.T.: 0.002 min  
Response: 60517649  
Conc: 10.60 ng/ml



#6 beta-BHC

R.T.: 4.814 min  
Delta R.T.: 0.002 min  
Response: 10336233  
Conc: 10.83 ng/ml



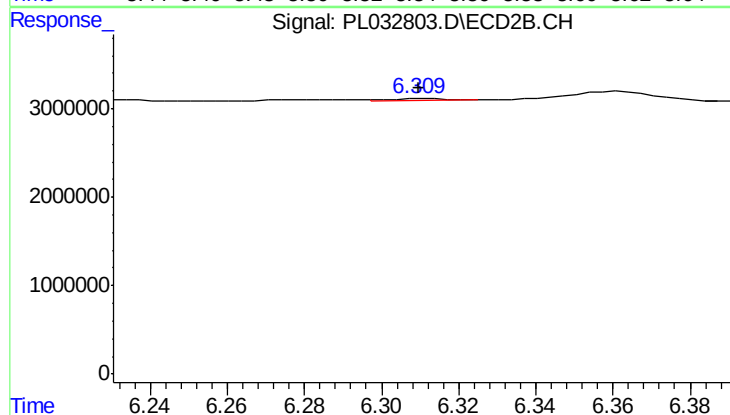
#12 4,4'-DDE

R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 2274532  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

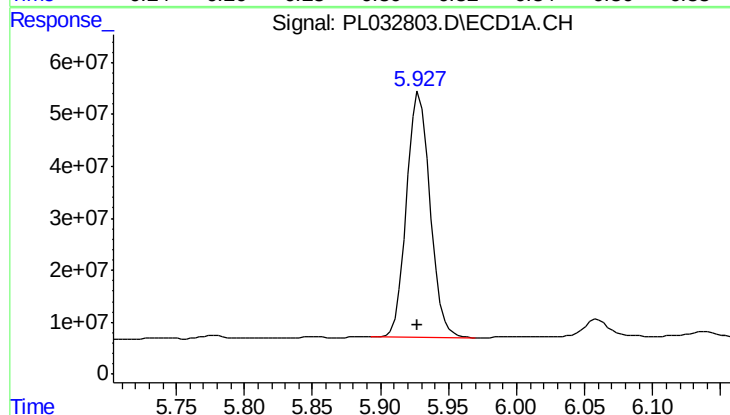
Manual Integrations  
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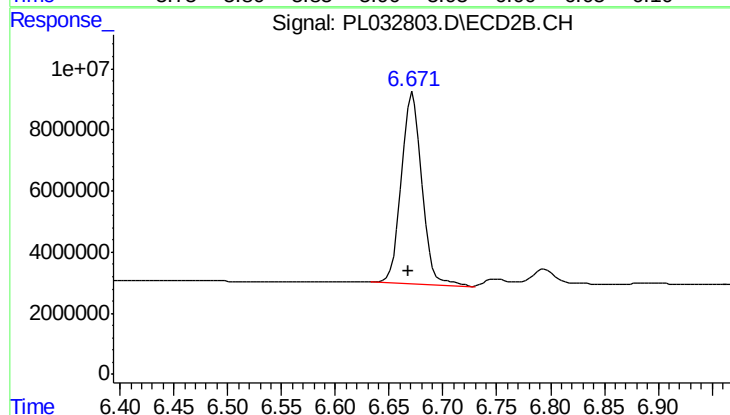
#12 4,4'-DDE

R.T.: 6.309 min  
Delta R.T.: 0.000 min  
Response: 212916  
Conc: 0.11 ng/ml m



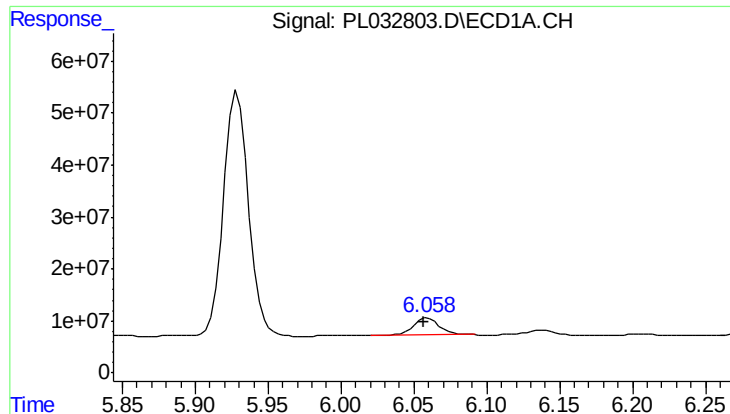
#14 Endrin

R.T.: 5.929 min  
Delta R.T.: 0.002 min  
Response: 563447524  
Conc: 48.25 ng/ml



#14 Endrin

R.T.: 6.672 min  
Delta R.T.: 0.004 min  
Response: 83217697  
Conc: 49.35 ng/ml



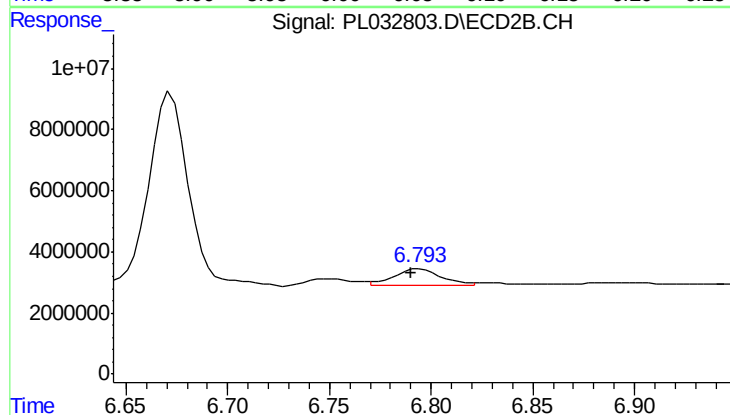
#16 4,4'-DDD

R.T.: 6.060 min  
Delta R.T.: 0.003 min  
Response: 40074978  
Conc: 3.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

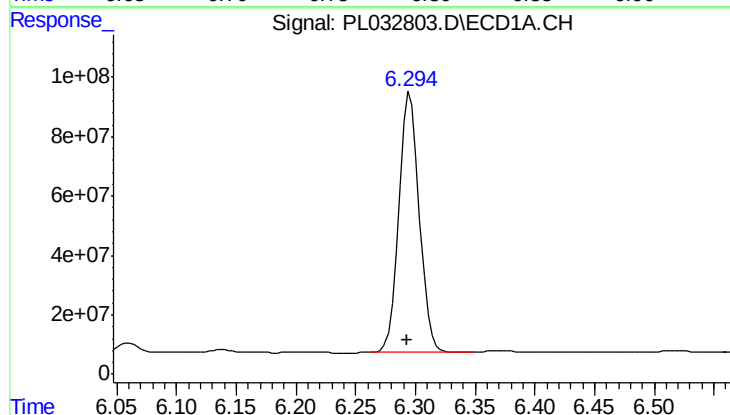
Manual Integrations  
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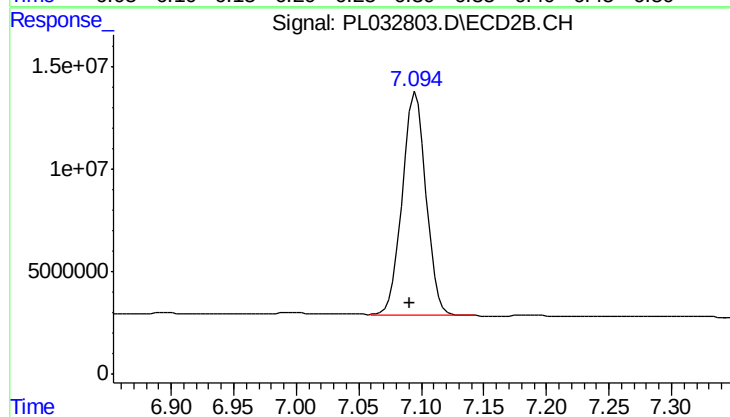
#16 4,4'-DDD

R.T.: 6.793 min  
Delta R.T.: 0.003 min  
Response: 8937217  
Conc: 6.27 ng/ml m



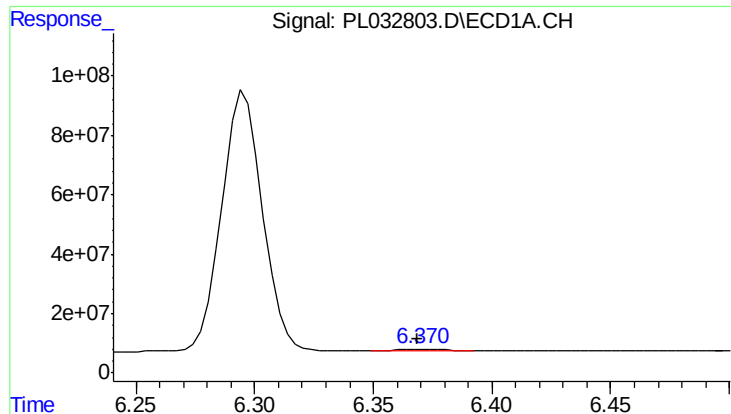
#17 4,4'-DDT

R.T.: 6.296 min  
Delta R.T.: 0.003 min  
Response: 1049754846  
Conc: 99.30 ng/ml



#17 4,4'-DDT

R.T.: 7.096 min  
Delta R.T.: 0.005 min  
Response: 142675187  
Conc: 107.00 ng/ml



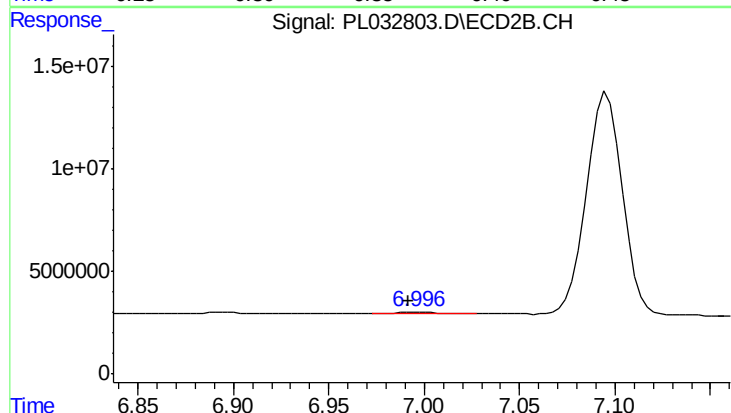
#18 Endrin aldehyde

R.T.: 6.370 min  
Delta R.T.: 0.001 min  
Response: 7744175  
Conc: 0.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

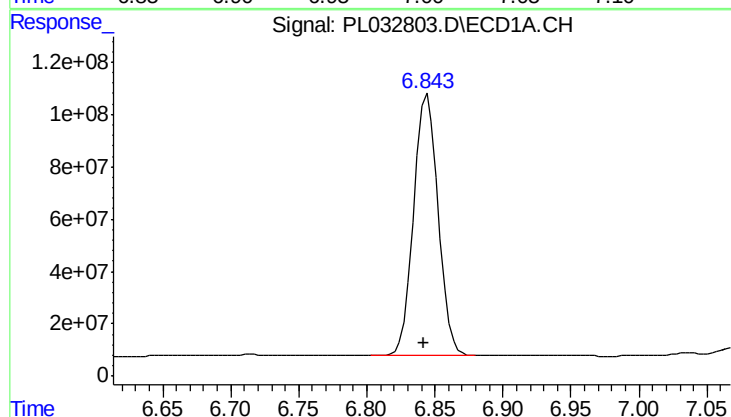
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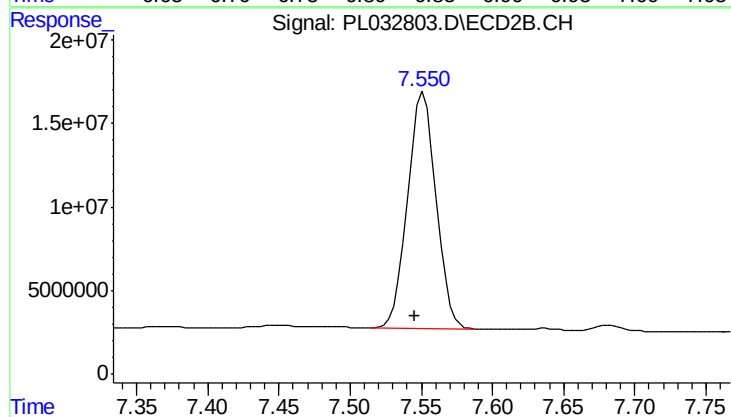
#18 Endrin aldehyde

R.T.: 6.996 min  
Delta R.T.: 0.004 min  
Response: 1664165  
Conc: 1.12 ng/ml m



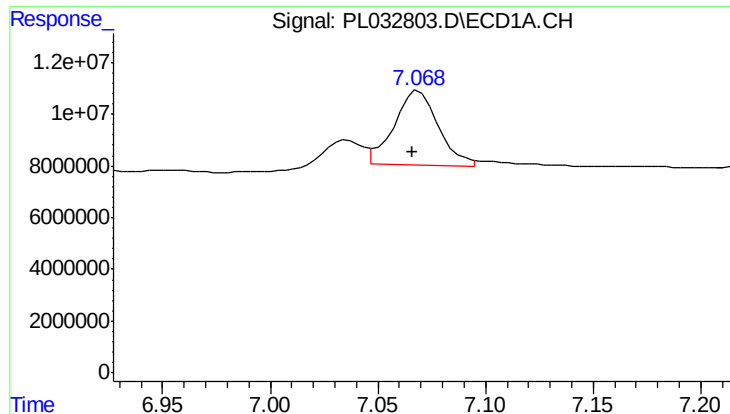
#20 Methoxychlor

R.T.: 6.845 min  
Delta R.T.: 0.003 min  
Response: 1239431667  
Conc: 213.32 ng/ml



#20 Methoxychlor

R.T.: 7.552 min  
Delta R.T.: 0.006 min  
Response: 197225210  
Conc: 241.96 ng/ml



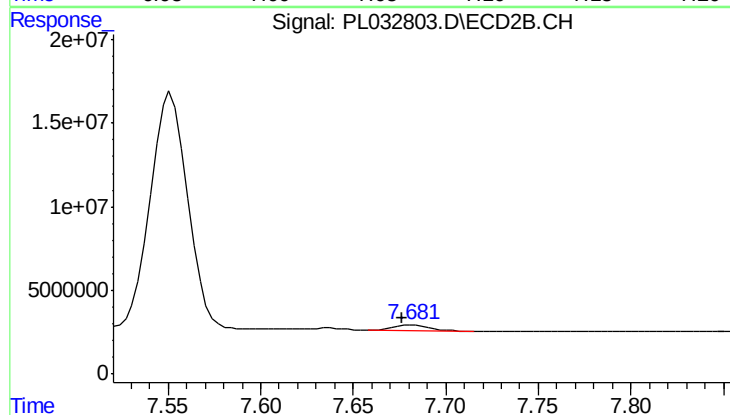
#21 Endrin ketone

R.T.: 7.068 min  
Delta R.T.: 0.002 min  
Response: 41113411  
Conc: 3.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

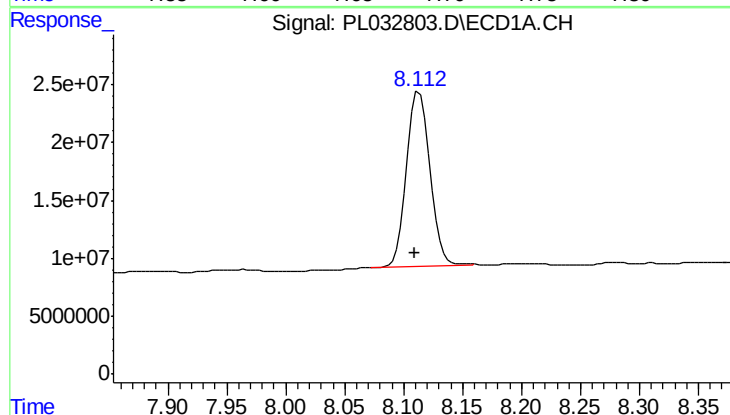
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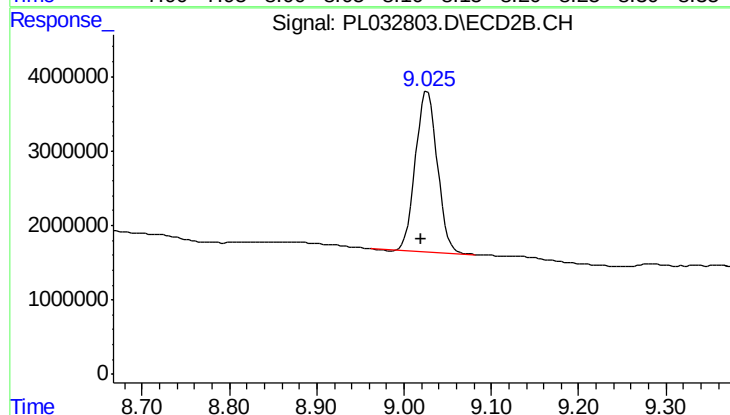
#21 Endrin ketone

R.T.: 7.681 min  
Delta R.T.: 0.005 min  
Response: 5445159  
Conc: 3.02 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.113 min  
Delta R.T.: 0.003 min  
Response: 204366913  
Conc: 17.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.008 min  
Response: 37256408  
Conc: 19.59 ng/ml