

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062718\  
 Data File : PL037488.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2018 22:37  
 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: Jun 28 01:37:36 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 2018  
 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 x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.335 | 3.937 | 147.8E6  | 53009213 | 18.684  | 19.159  |
| 28)                         | SA Decachlor... | 8.016 | 8.949 | 131.7E6  | 40633838 | 21.827  | 20.481  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.765 | 4.315 | 112.1E6  | 34718839 | 9.158   | 8.948   |
| 3)                          | MA gamma-BHC... | 4.041 | 4.596 | 105.1E6  | 32378141 | 10.193m | 9.375   |
| 6)                          | B beta-BHC      | 4.296 | 4.756 | 47400752 | 15365922 | 10.393  | 9.528   |
| 12)                         | B 4,4'-DDE      | 5.453 | 6.249 | 2420428  | 477001   | 0.274m  | 0.187m# |
| 14)                         | MA Endrin       | 5.831 | 6.610 | 364.7E6  | 103.6E6  | 46.298  | 45.039  |
| 16)                         | A 4,4'-DDD      | 5.967 | 6.732 | 24644117 | 6199721  | 3.753   | 3.020   |
| 17)                         | MA 4,4'-DDT     | 6.201 | 7.033 | 680.8E6  | 205.2E6  | 105.444 | 96.855  |
| 18)                         | B Endrin al...  | 6.272 | 6.934 | 3768181  | 1427710  | 0.675m  | 0.710m  |
| 20)                         | A Methoxychlor  | 6.750 | 7.487 | 795.9E6  | 268.2E6  | 234.151 | 239.562 |
| 21)                         | B Endrin ke...  | 6.969 | 7.620 | 11172402 | 3961646  | 1.571   | 1.952m  |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 27 Jun 2018 22:37  
Operator : UA\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

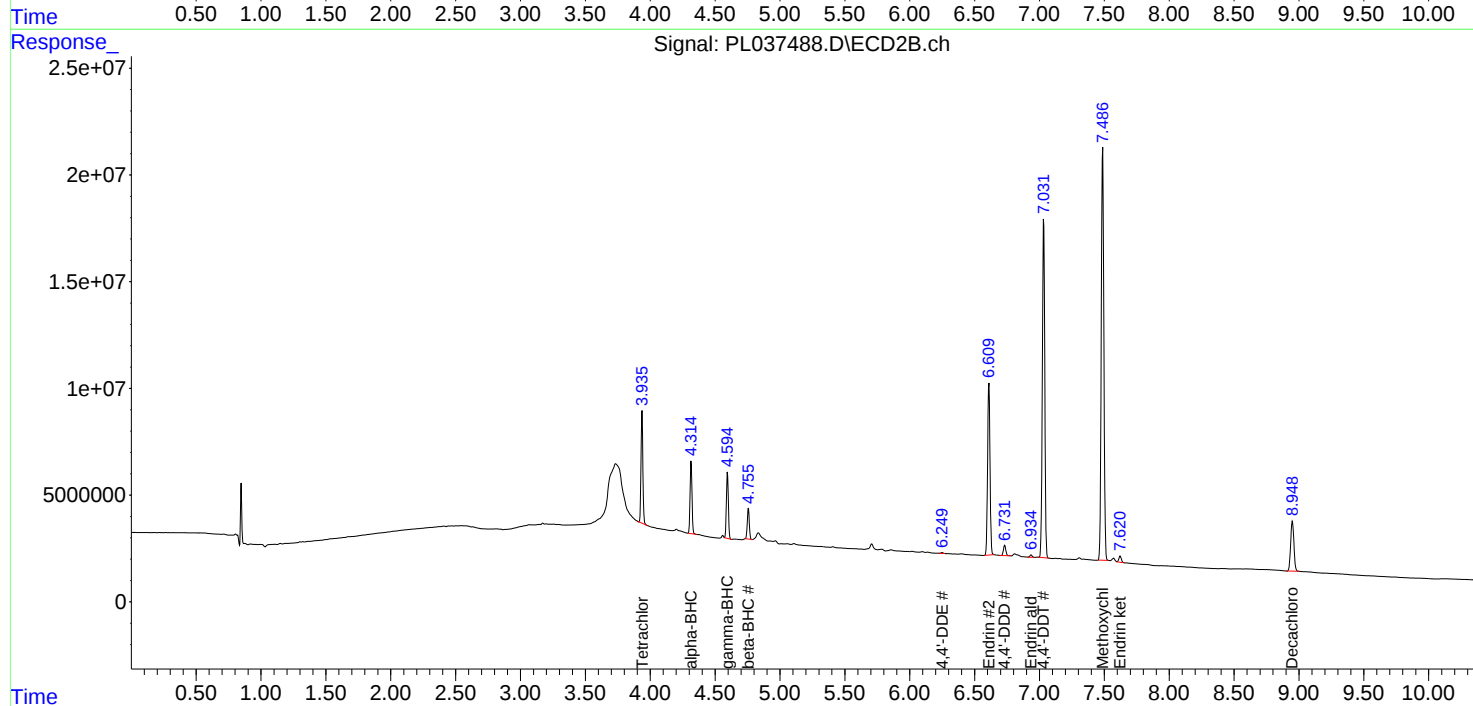
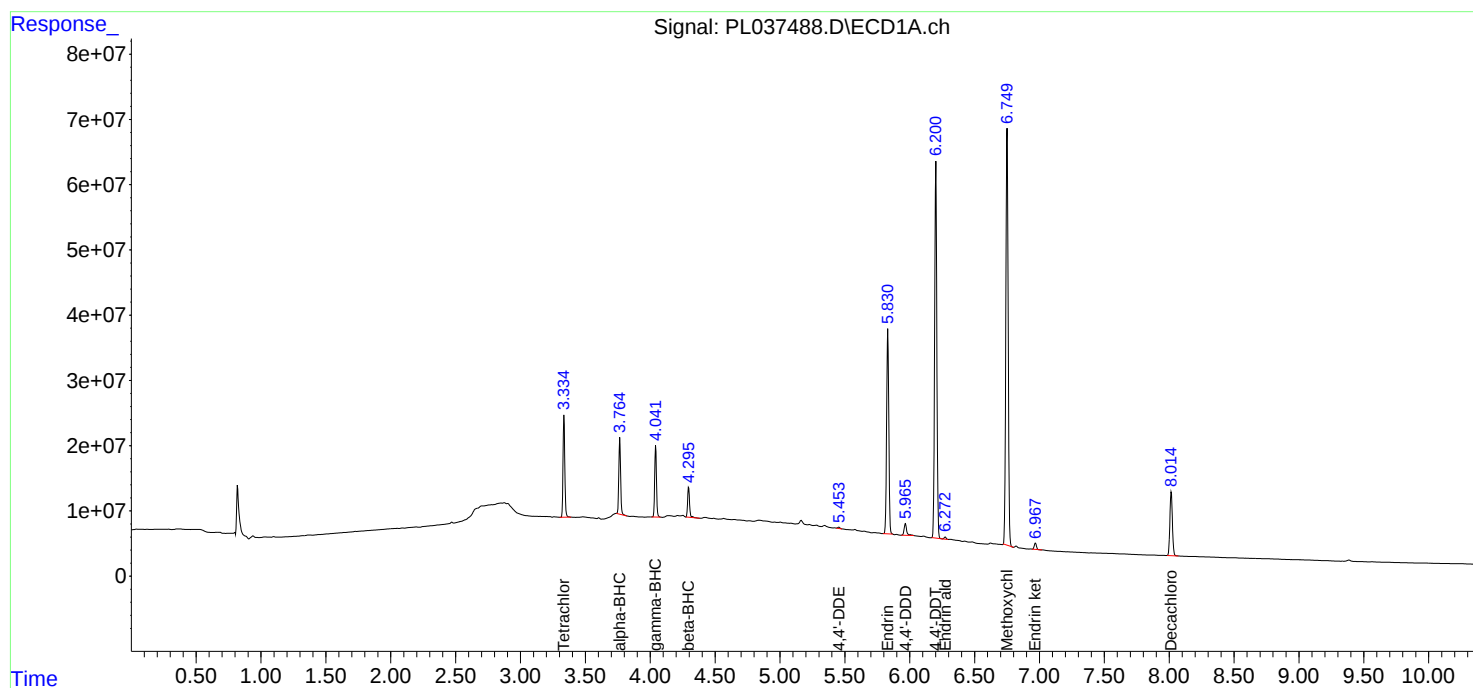
Instrument :  
ECD\_L  
ClientSampled :  
PEM

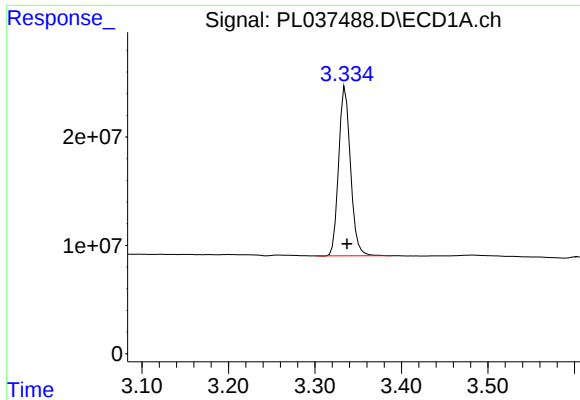
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 01:37:36 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 2018  
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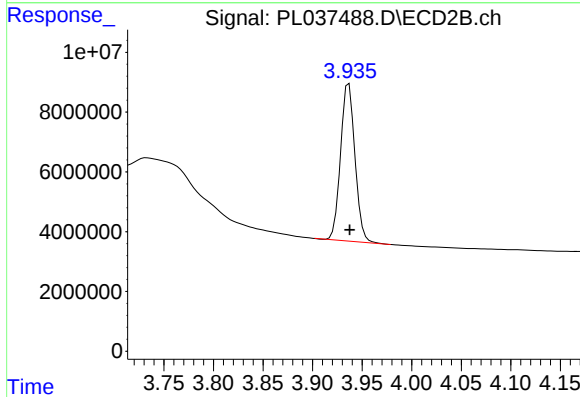
#1 Tetrachloro-m-xylene

R.T.: 3.335 min  
Delta R.T.: -0.002 min  
Response: 147797173  
Conc: 18.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

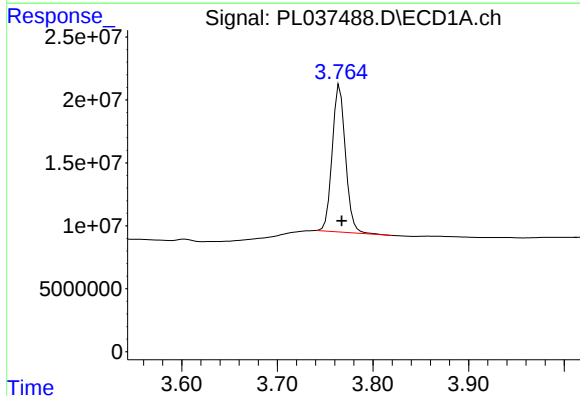
Manual Integrations  
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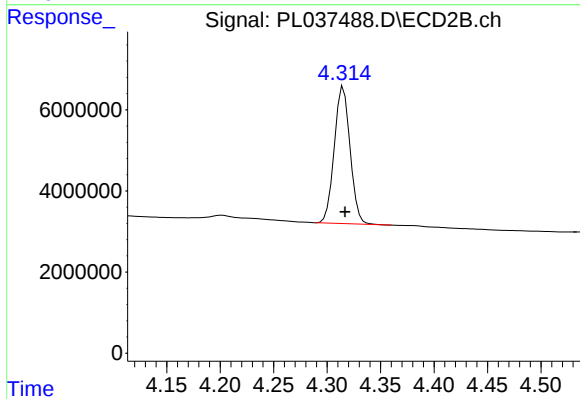
#1 Tetrachloro-m-xylene

R.T.: 3.937 min  
Delta R.T.: 0.000 min  
Response: 53009213  
Conc: 19.16 ng/ml



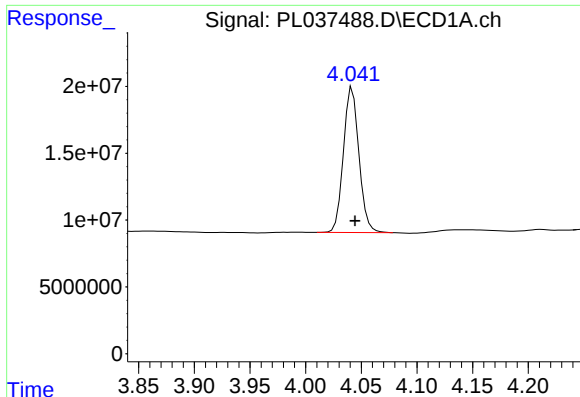
#2 alpha-BHC

R.T.: 3.765 min  
Delta R.T.: -0.002 min  
Response: 112125701  
Conc: 9.16 ng/ml



#2 alpha-BHC

R.T.: 4.315 min  
Delta R.T.: -0.001 min  
Response: 34718839  
Conc: 8.95 ng/ml



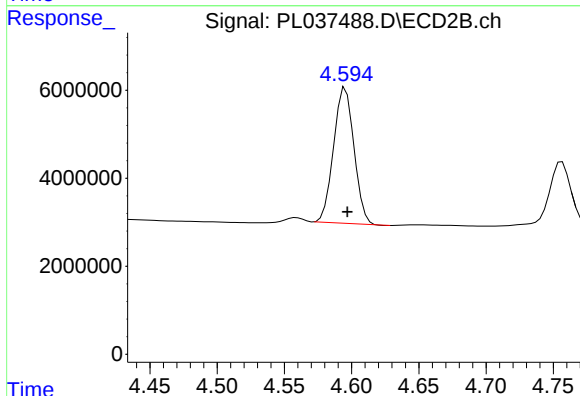
#3 gamma-BHC (Lindane)

R.T.: 4.041 min  
Delta R.T.: -0.004 min  
Response: 105139512  
Conc: 10.19 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

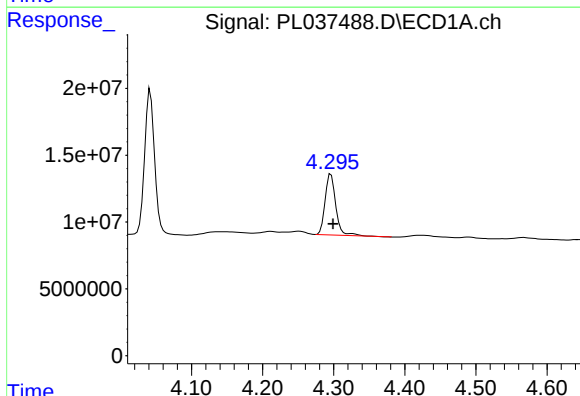
Manual Integrations  
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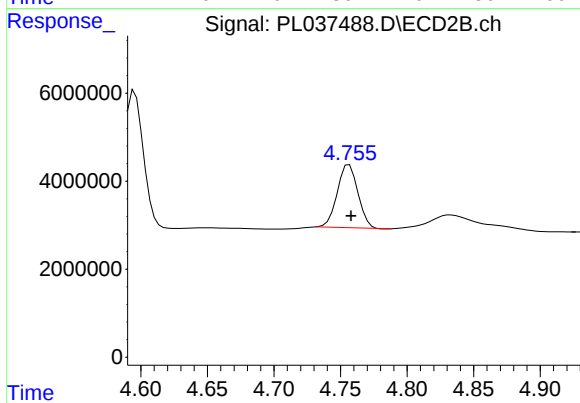
#3 gamma-BHC (Lindane)

R.T.: 4.596 min  
Delta R.T.: -0.001 min  
Response: 32378141  
Conc: 9.37 ng/ml



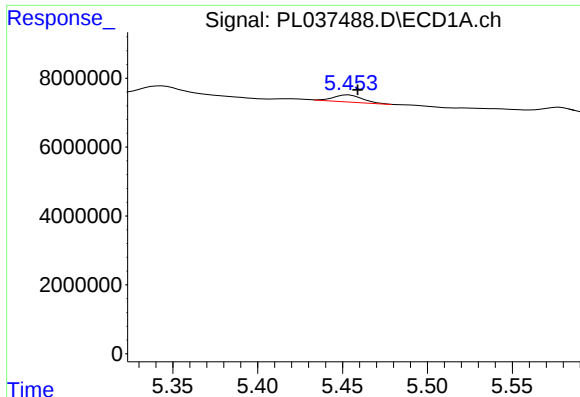
#6 beta-BHC

R.T.: 4.296 min  
Delta R.T.: -0.003 min  
Response: 47400752  
Conc: 10.39 ng/ml



#6 beta-BHC

R.T.: 4.756 min  
Delta R.T.: -0.001 min  
Response: 15365922  
Conc: 9.53 ng/ml



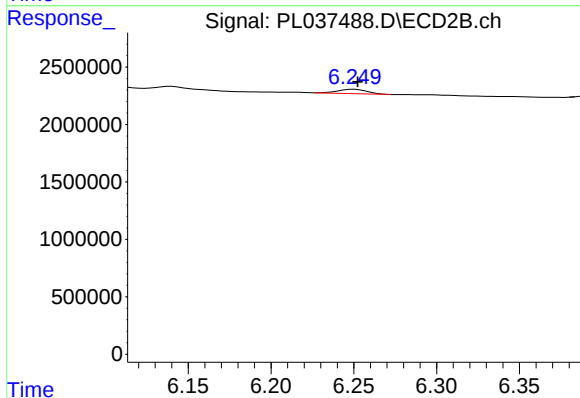
#12 4,4'-DDE

R.T.: 5.453 min  
Delta R.T.: -0.006 min  
Response: 2420428  
Conc: 0.27 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

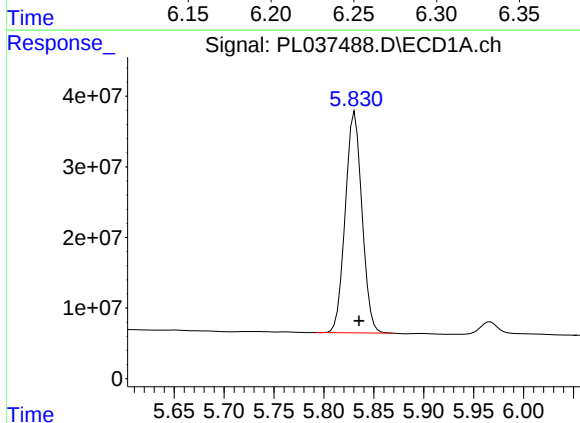
Manual Integrations  
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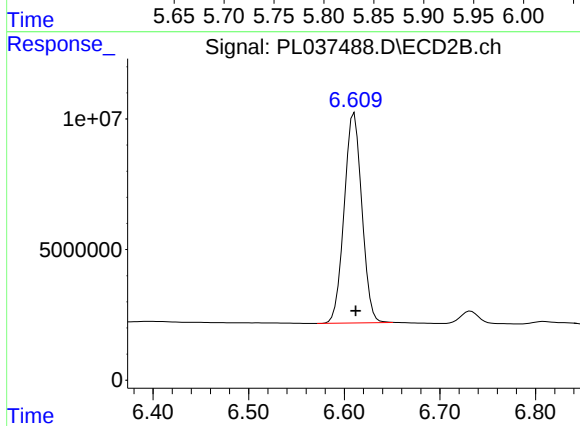
#12 4,4'-DDE

R.T.: 6.249 min  
Delta R.T.: -0.004 min  
Response: 477001  
Conc: 0.19 ng/ml m



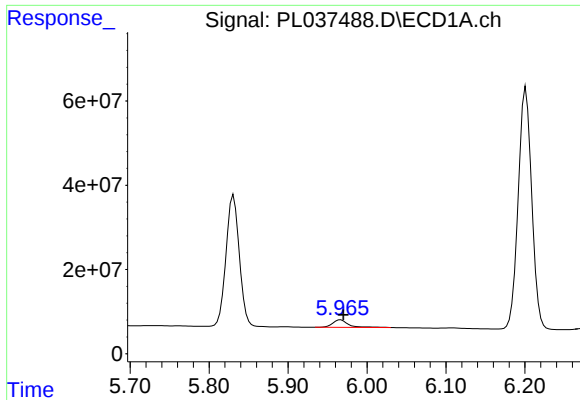
#14 Endrin

R.T.: 5.831 min  
Delta R.T.: -0.004 min  
Response: 364717651  
Conc: 46.30 ng/ml



#14 Endrin

R.T.: 6.610 min  
Delta R.T.: -0.002 min  
Response: 103556076  
Conc: 45.04 ng/ml



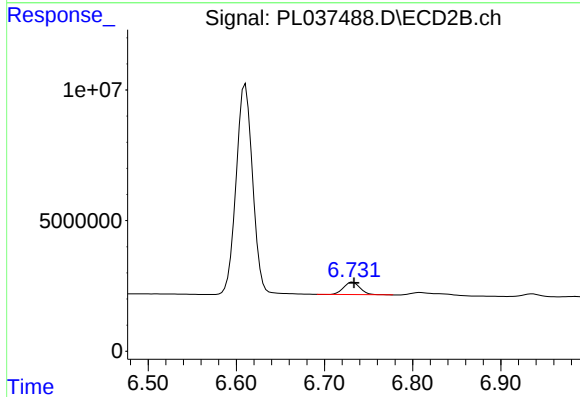
#16 4,4'-DDD

R.T.: 5.967 min  
Delta R.T.: -0.004 min  
Response: 24644117  
Conc: 3.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

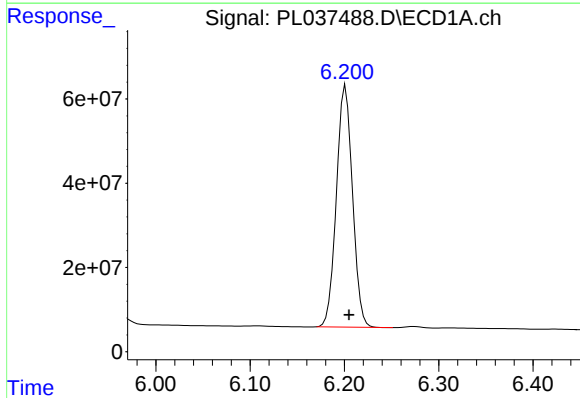
Manual Integrations  
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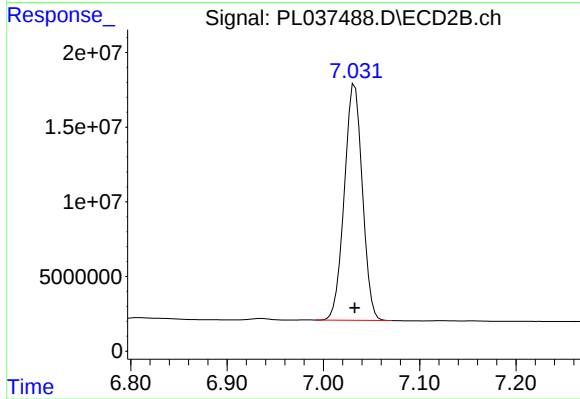
#16 4,4'-DDD

R.T.: 6.732 min  
Delta R.T.: -0.002 min  
Response: 6199721  
Conc: 3.02 ng/ml



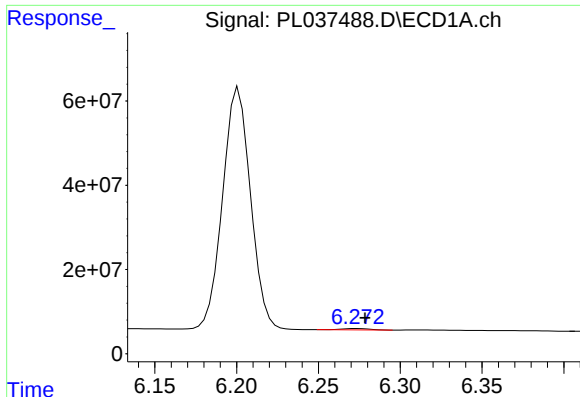
#17 4,4'-DDT

R.T.: 6.201 min  
Delta R.T.: -0.004 min  
Response: 680779293  
Conc: 105.44 ng/ml



#17 4,4'-DDT

R.T.: 7.033 min  
Delta R.T.: 0.000 min  
Response: 205155059  
Conc: 96.85 ng/ml



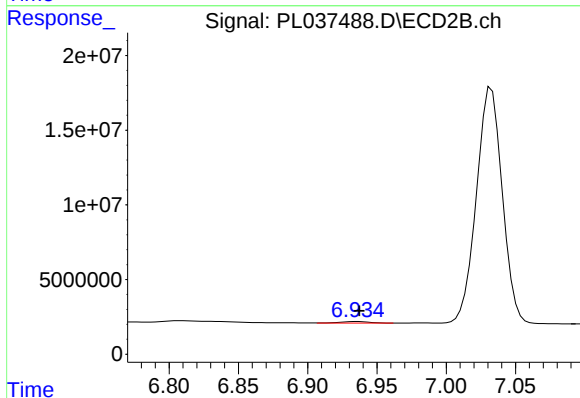
#18 Endrin aldehyde

R.T.: 6.272 min  
Delta R.T.: -0.006 min  
Response: 3768181  
Conc: 0.67 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

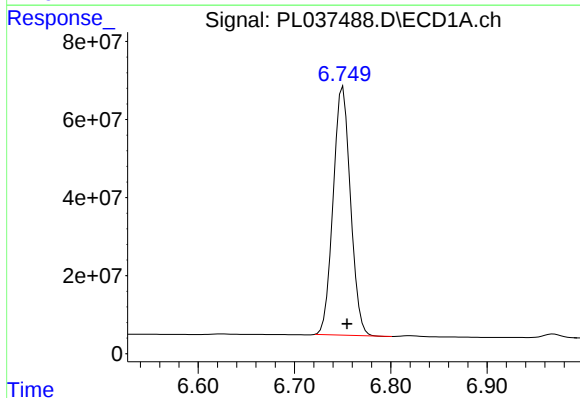
Manual Integrations  
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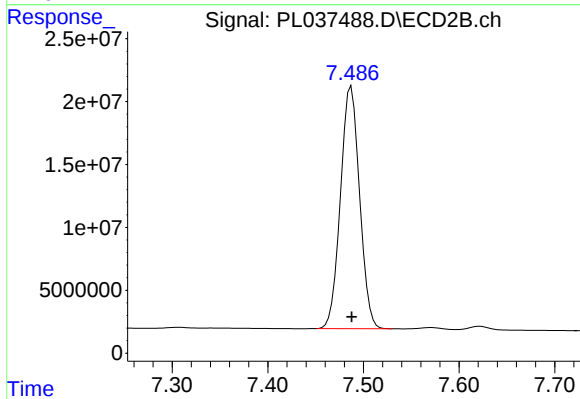
#18 Endrin aldehyde

R.T.: 6.934 min  
Delta R.T.: -0.003 min  
Response: 1427710  
Conc: 0.71 ng/ml m



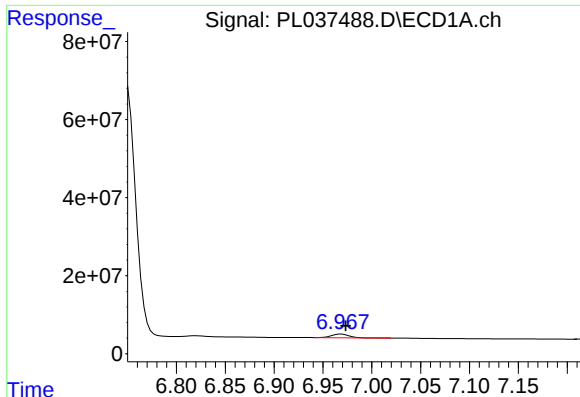
#20 Methoxychlor

R.T.: 6.750 min  
Delta R.T.: -0.004 min  
Response: 795876448  
Conc: 234.15 ng/ml



#20 Methoxychlor

R.T.: 7.487 min  
Delta R.T.: 0.000 min  
Response: 268153003  
Conc: 239.56 ng/ml



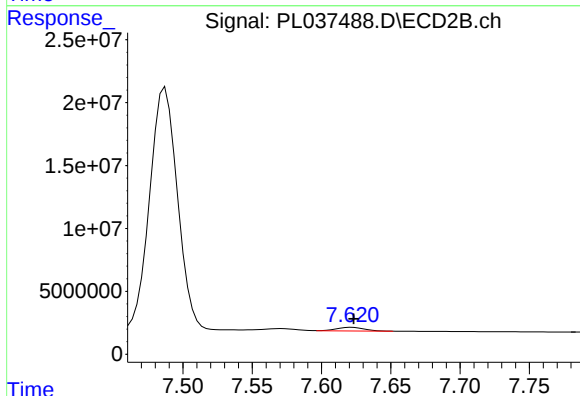
#21 Endrin ketone

R.T.: 6.969 min  
Delta R.T.: -0.005 min  
Response: 11172402  
Conc: 1.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

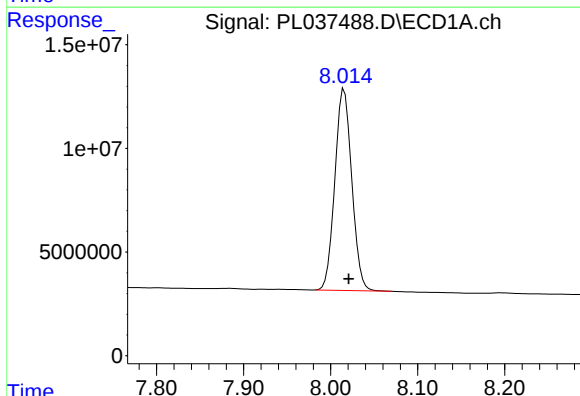
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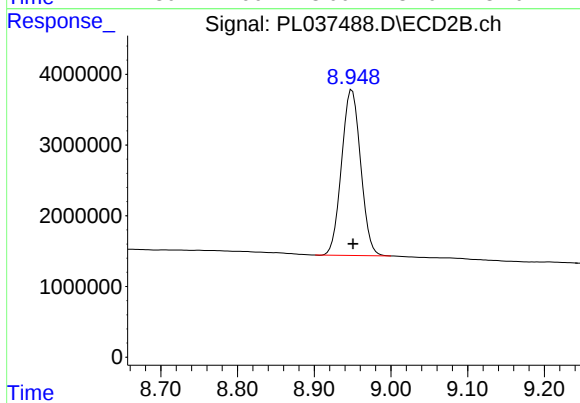
#21 Endrin ketone

R.T.: 7.620 min  
Delta R.T.: -0.003 min  
Response: 3961646  
Conc: 1.95 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.016 min  
Delta R.T.: -0.005 min  
Response: 131704729  
Conc: 21.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.949 min  
Delta R.T.: -0.002 min  
Response: 40633838  
Conc: 20.48 ng/ml