

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073020\  
 Data File : PL060336.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jul 2020 17:38  
 Operator : DD\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: Jul 30 04:16:12 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 30 04:13:43 2020  
 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... | 3.465 | 4.012 | 36841499 | 48776604 | 18.485  | 18.648  |
| 28)                         | SA Decachlor... | 8.223 | 9.095 | 28811107 | 33773305 | 18.879  | 18.777  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.902 | 4.401 | 24583633 | 32223790 | 8.429   | 8.419   |
| 3)                          | MA gamma-BHC... | 4.185 | 4.687 | 21350864 | 29774761 | 8.413   | 8.268   |
| 6)                          | B beta-BHC      | 4.436 | 4.857 | 9802411  | 13571137 | 9.665   | 9.025   |
| 12)                         | B 4,4'-DDE      | 5.628 | 6.354 | 203272   | 388003   | 0.121m  | 0.147m  |
| 14)                         | MA Endrin       | 6.018 | 6.725 | 75807304 | 105.0E6  | 45.478  | 44.830  |
| 16)                         | A 4,4'-DDD      | 6.148 | 6.848 | 232854   | 454413   | 0.161m  | 0.218m# |
| 17)                         | MA 4,4'-DDT     | 6.386 | 7.146 | 137.5E6  | 190.4E6  | 100.642 | 94.145  |
| 20)                         | A Methoxychlor  | 6.932 | 7.606 | 187.9E6  | 256.8E6  | 229.682 | 222.991 |
| 21)                         | B Endrin ke...  | 7.161 | 7.752 | 896962   | 1061188  | 0.532   | 0.482   |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 29 Jul 2020 17:38  
Operator : DD\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

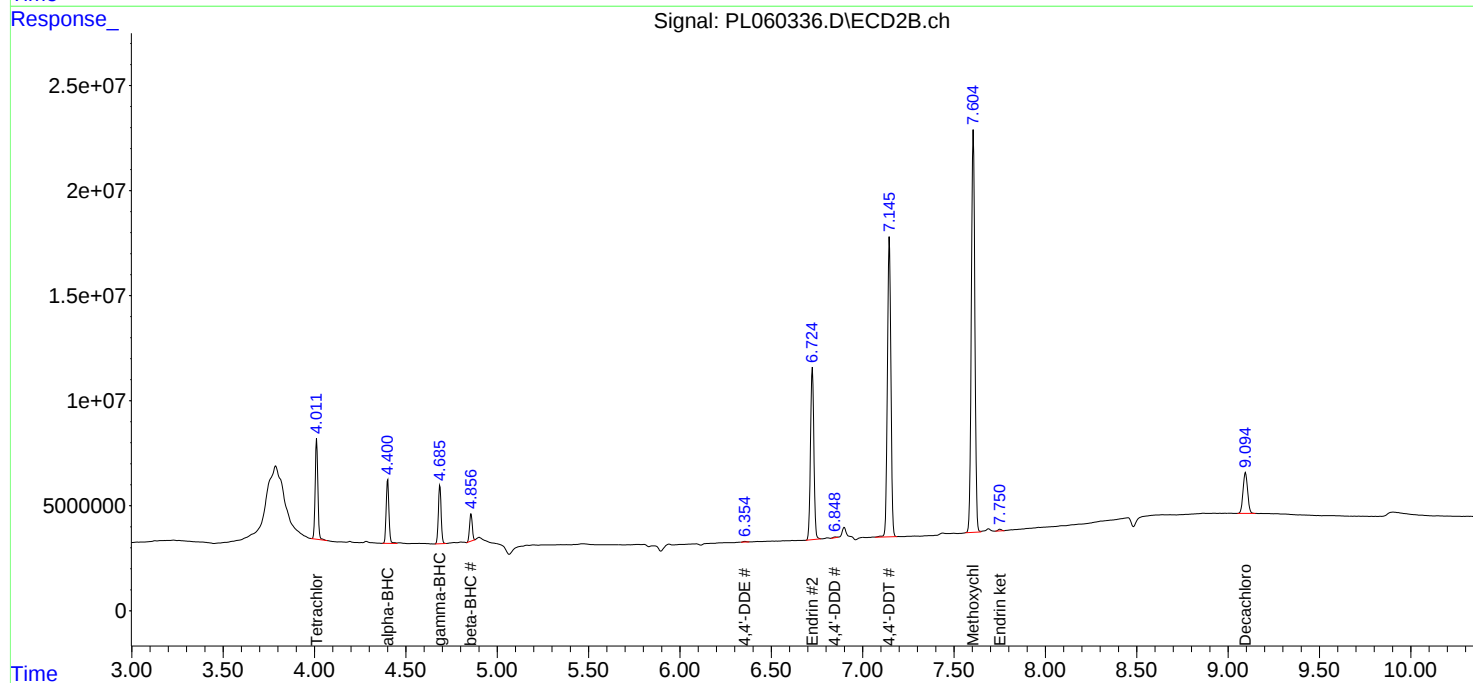
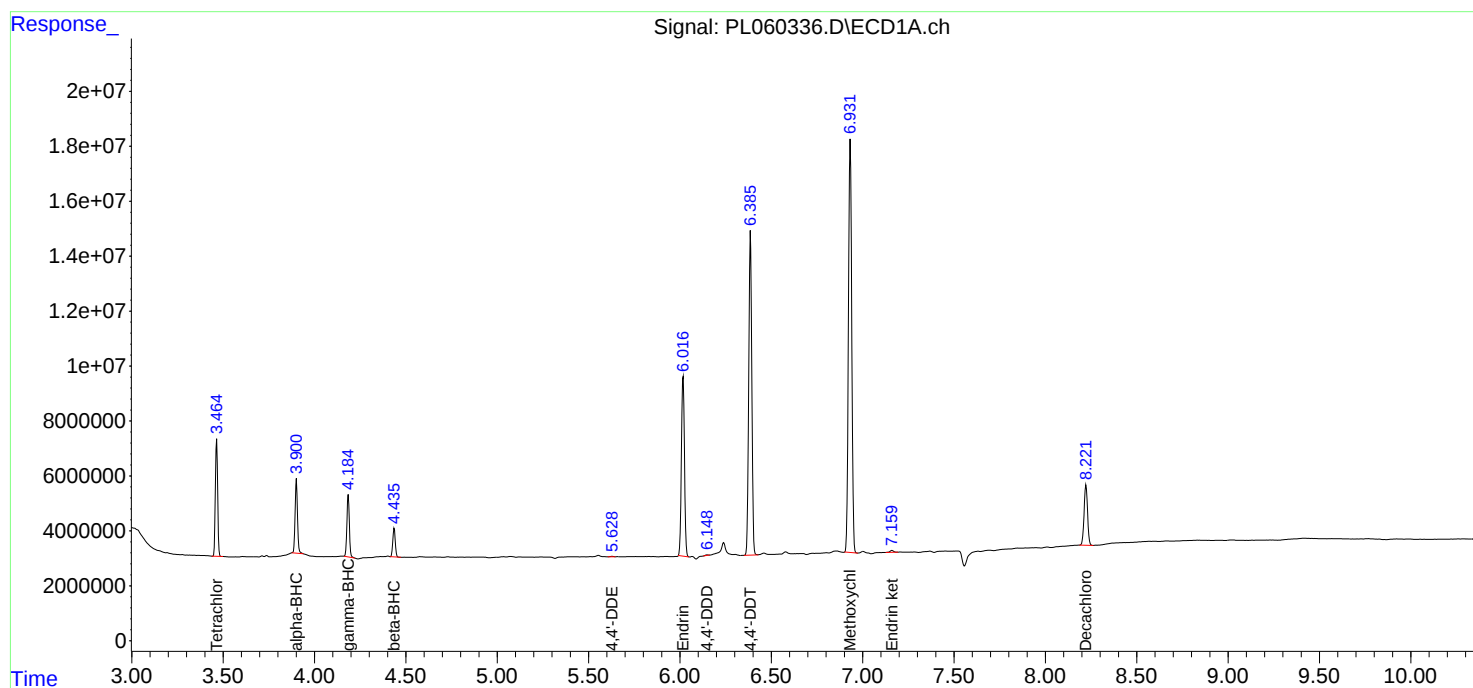
Instrument :  
ECD\_L  
ClientSampled :  
PEM

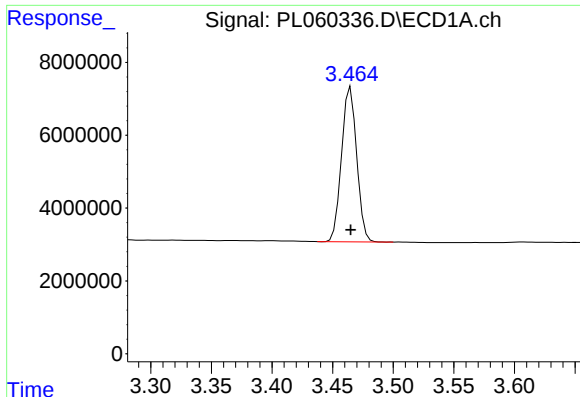
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 04:16:12 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
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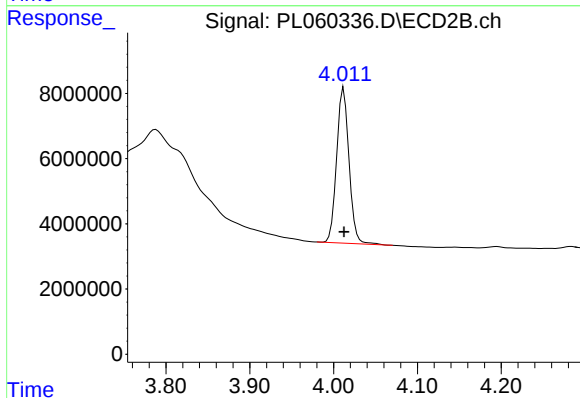
#1 Tetrachloro-m-xylene

R.T.: 3.465 min  
Delta R.T.: 0.000 min  
Response: 36841499  
Conc: 18.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

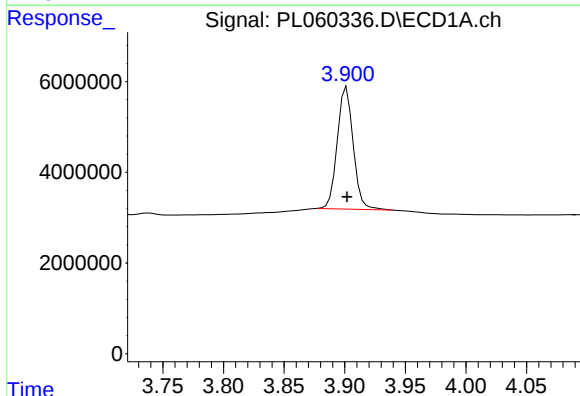
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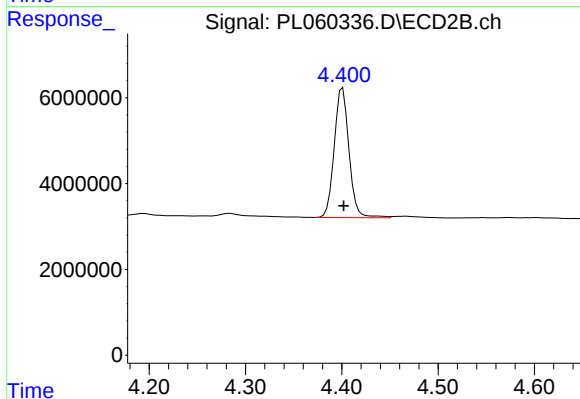
#1 Tetrachloro-m-xylene

R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 48776604  
Conc: 18.65 ng/ml



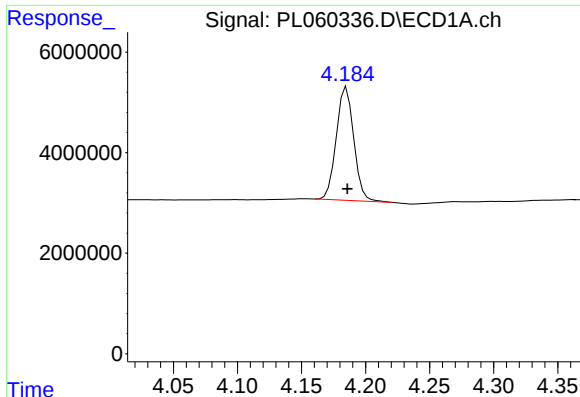
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 24583633  
Conc: 8.43 ng/ml



#2 alpha-BHC

R.T.: 4.401 min  
Delta R.T.: 0.000 min  
Response: 32223790  
Conc: 8.42 ng/ml



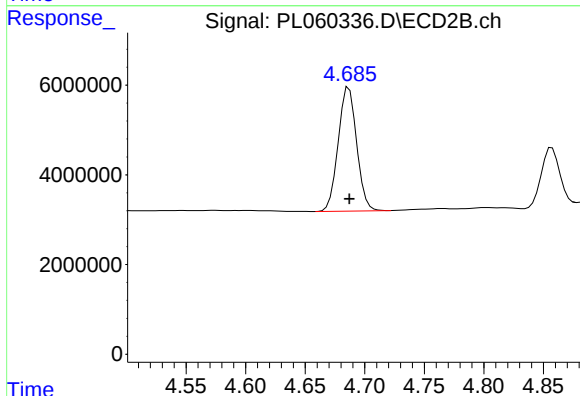
#3 gamma-BHC (Lindane)

R.T.: 4.185 min  
Delta R.T.: 0.000 min  
Response: 21350864  
Conc: 8.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

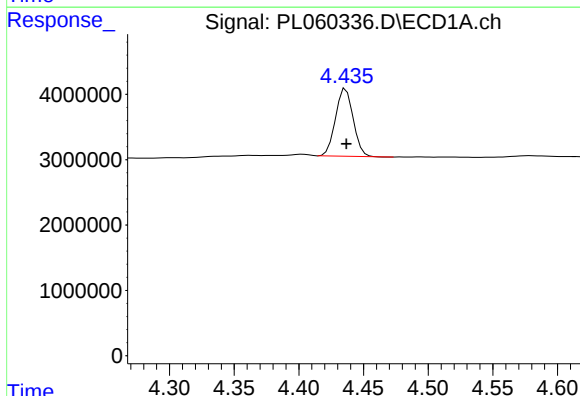
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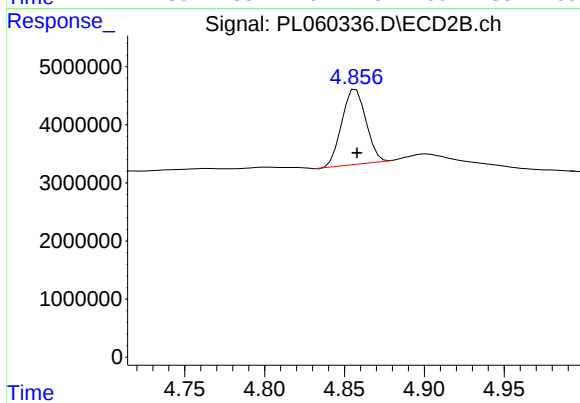
#3 gamma-BHC (Lindane)

R.T.: 4.687 min  
Delta R.T.: 0.000 min  
Response: 29774761  
Conc: 8.27 ng/ml



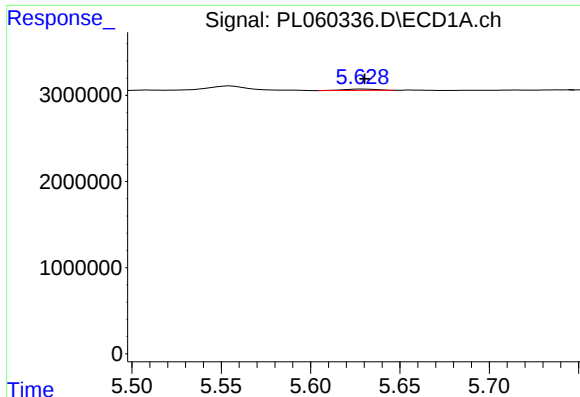
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 9802411  
Conc: 9.67 ng/ml



#6 beta-BHC

R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 13571137  
Conc: 9.03 ng/ml



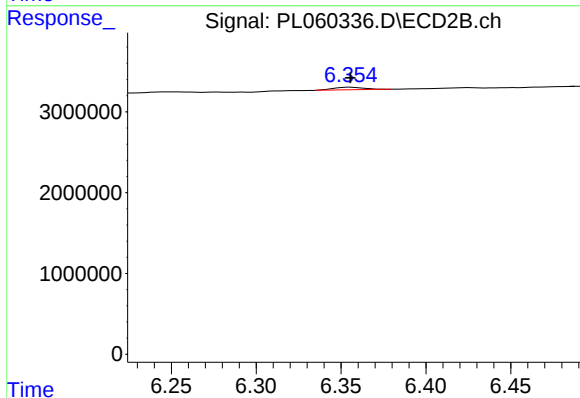
#12 4,4'-DDE

R.T.: 5.628 min  
Delta R.T.: -0.003 min  
Response: 203272  
Conc: 0.12 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

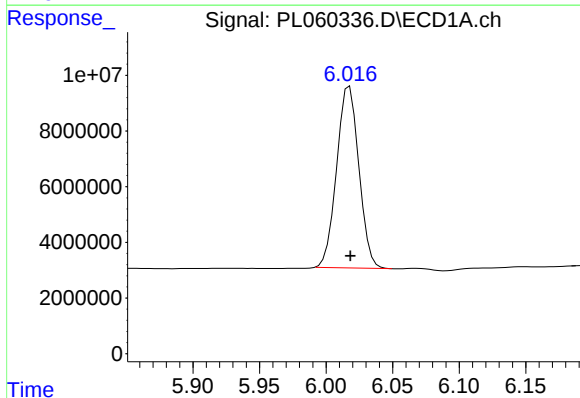
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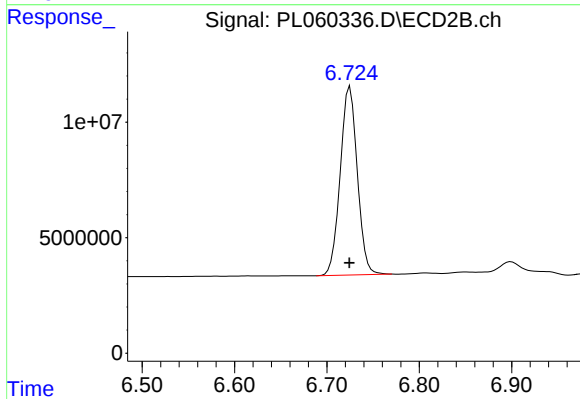
#12 4,4'-DDE

R.T.: 6.354 min  
Delta R.T.: -0.001 min  
Response: 388003  
Conc: 0.15 ng/ml m



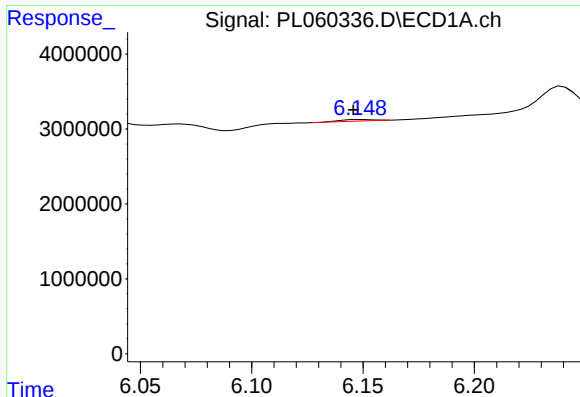
#14 Endrin

R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 75807304  
Conc: 45.48 ng/ml



#14 Endrin

R.T.: 6.725 min  
Delta R.T.: 0.000 min  
Response: 104995755  
Conc: 44.83 ng/ml



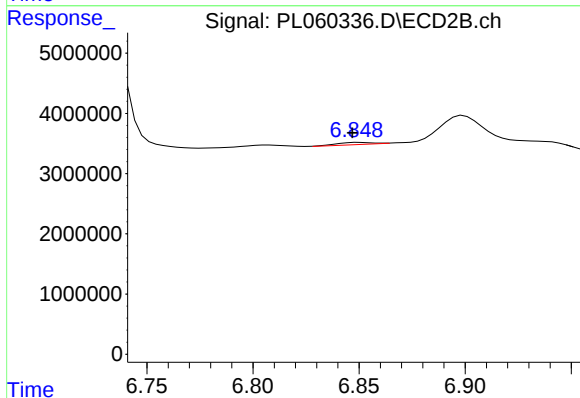
#16 4,4'-DDD

R.T.: 6.148 min  
Delta R.T.: 0.002 min  
Response: 232854  
Conc: 0.16 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

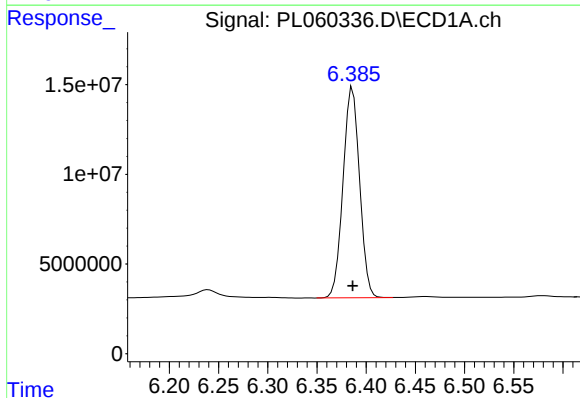
Manual Integrations  
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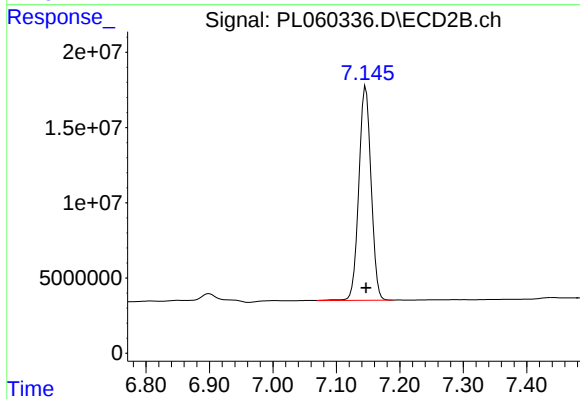
#16 4,4'-DDD

R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 454413  
Conc: 0.22 ng/ml m



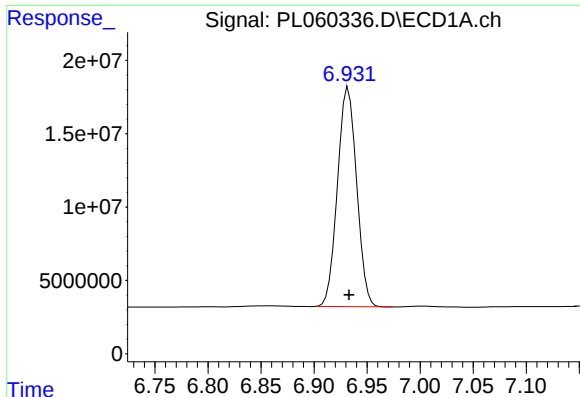
#17 4,4'-DDT

R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 137479294  
Conc: 100.64 ng/ml



#17 4,4'-DDT

R.T.: 7.146 min  
Delta R.T.: 0.000 min  
Response: 190402097  
Conc: 94.15 ng/ml



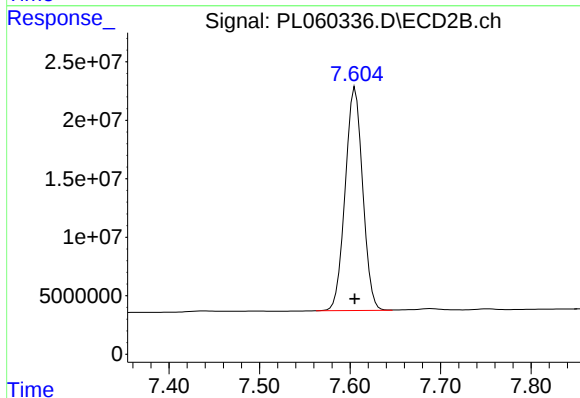
#20 Methoxychlor

R.T.: 6.932 min  
Delta R.T.: 0.000 min  
Response: 187900496  
Conc: 229.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

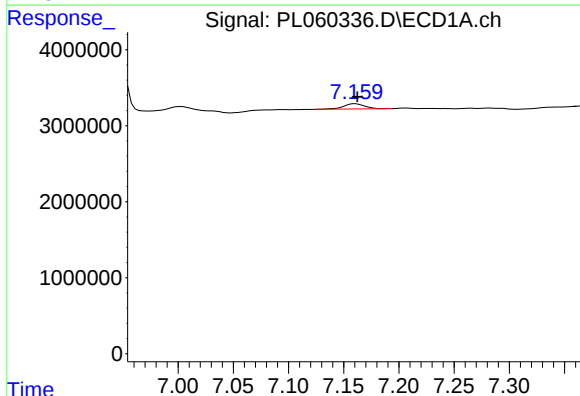
Manual Integrations  
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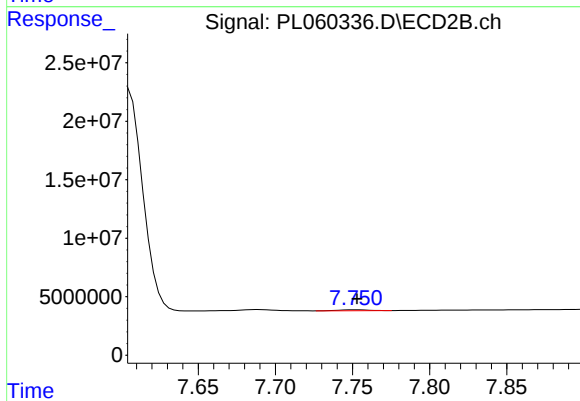
#20 Methoxychlor

R.T.: 7.606 min  
Delta R.T.: 0.000 min  
Response: 256791621  
Conc: 222.99 ng/ml



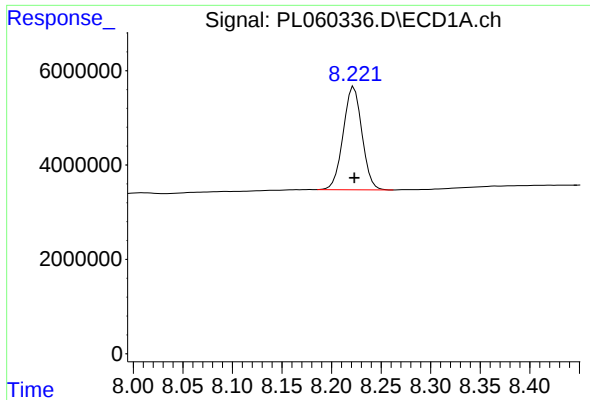
#21 Endrin ketone

R.T.: 7.161 min  
Delta R.T.: -0.002 min  
Response: 896962  
Conc: 0.53 ng/ml



#21 Endrin ketone

R.T.: 7.752 min  
Delta R.T.: -0.001 min  
Response: 1061188  
Conc: 0.48 ng/ml



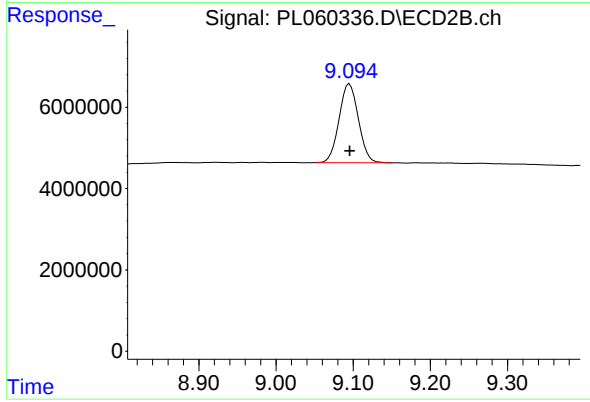
#28 Decachlorobiphenyl

R.T.: 8.223 min  
Delta R.T.: 0.000 min  
Response: 28811107  
Conc: 18.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: 0.000 min  
Response: 33773305  
Conc: 18.78 ng/ml