

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012421\  
 Data File : PL064333.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jan 2021 08:58  
 Operator : AR\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: Jan 22 13:48:23 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011221.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 18 13:25:12 2021  
 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... | 3.435 | 4.109 | 64568647 | 52181281 | 21.534  | 20.412  |
| 28)                         | SA Decachlor... | 8.169 | 9.273 | 65256937 | 48565938 | 21.381  | 20.463  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.868 | 4.510 | 51052228 | 32704646 | 10.264  | 8.949   |
| 3)                          | MA gamma-BHC... | 4.149 | 4.802 | 44764291 | 31131272 | 9.655   | 8.838   |
| 6)                          | B beta-BHC      | 4.398 | 4.977 | 22719493 | 24044745 | 9.784   | 12.047m |
| 12)                         | B 4,4'-DDE      | 5.585 | 6.483 | 1036649  | 496087   | 0.294m  | 0.186m# |
| 14)                         | MA Endrin       | 5.968 | 6.866 | 168.1E6  | 109.8E6  | 48.399  | 48.094  |
| 16)                         | A 4,4'-DDD      | 6.098 | 6.983 | 11679213 | 8973431  | 4.004   | 4.048   |
| 17)                         | MA 4,4'-DDT     | 6.340 | 7.284 | 296.4E6  | 212.8E6  | 99.301  | 93.962  |
| 18)                         | B Endrin al...  | 6.408 | 7.204 | 3681479  | 2596284  | 1.283   | 1.197   |
| 20)                         | A Methoxychlor  | 6.886 | 7.743 | 377.5E6  | 295.9E6  | 225.864 | 218.974 |
| 21)                         | B Endrin ke...  | 7.107 | 7.907 | 12004037 | 5611686  | 3.343   | 2.250 # |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PL064333.D  
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Acq On : 22 Jan 2021 08:58  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

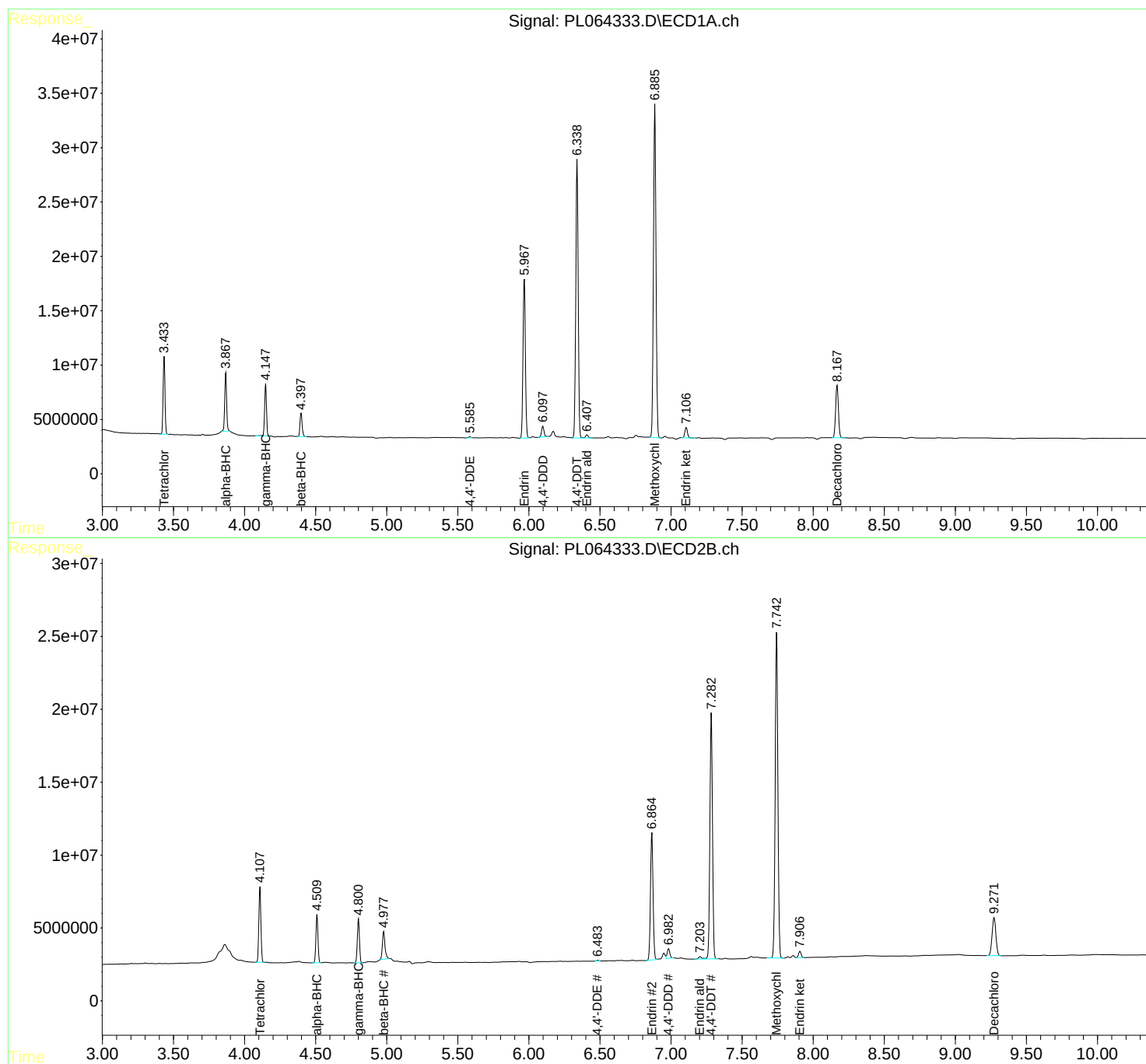
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

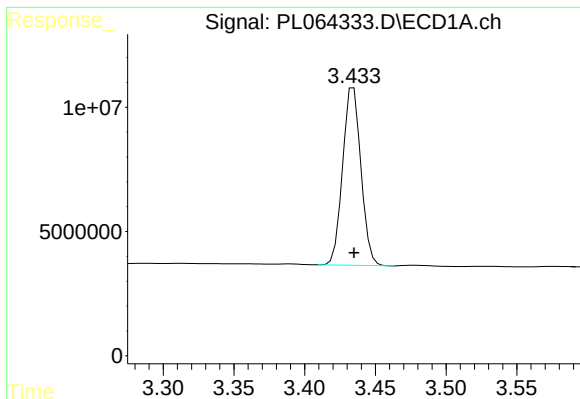
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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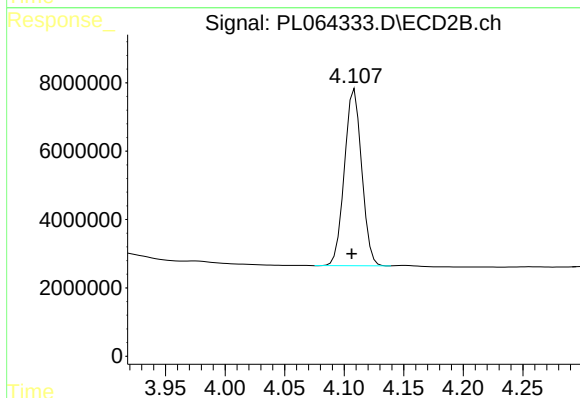
#1 Tetrachloro-m-xylene

R.T.: 3.435 min  
Delta R.T.: 0.000 min  
Response: 64568647  
Conc: 21.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

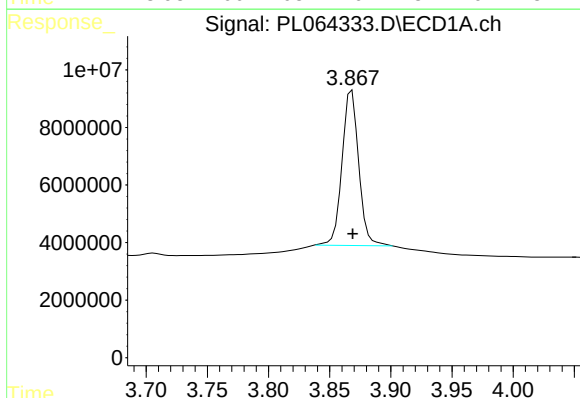
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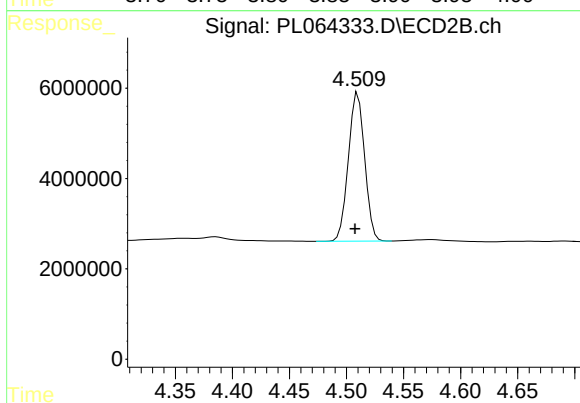
#1 Tetrachloro-m-xylene

R.T.: 4.109 min  
Delta R.T.: 0.002 min  
Response: 52181281  
Conc: 20.41 ng/ml



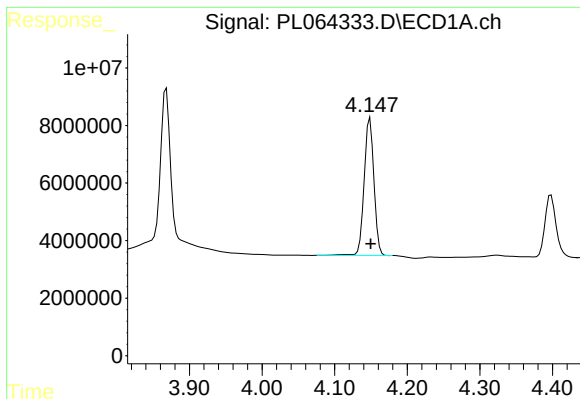
#2 alpha-BHC

R.T.: 3.868 min  
Delta R.T.: 0.000 min  
Response: 51052228  
Conc: 10.26 ng/ml



#2 alpha-BHC

R.T.: 4.510 min  
Delta R.T.: 0.002 min  
Response: 32704646  
Conc: 8.95 ng/ml



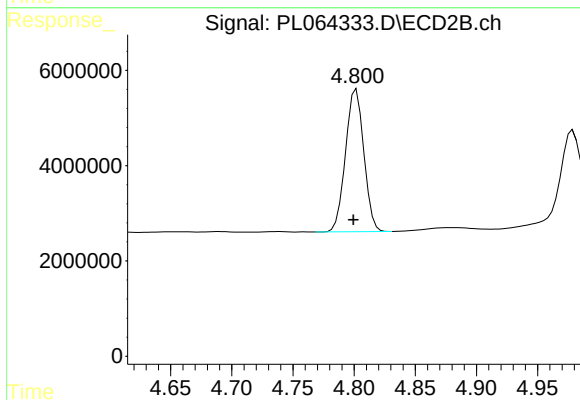
#3 gamma-BHC (Lindane)

R.T.: 4.149 min  
Delta R.T.: 0.000 min  
Response: 44764291  
Conc: 9.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

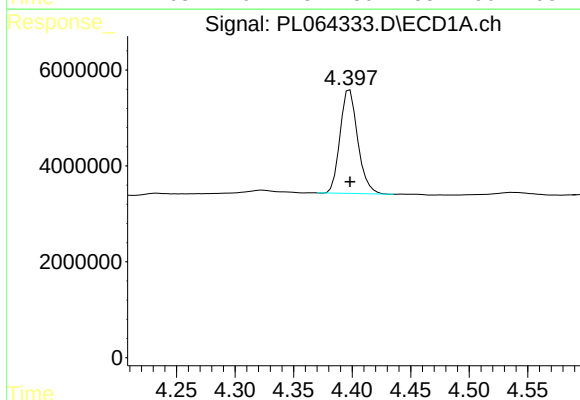
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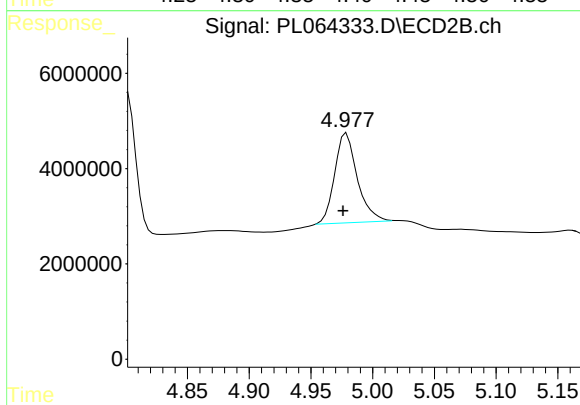
#3 gamma-BHC (Lindane)

R.T.: 4.802 min  
Delta R.T.: 0.002 min  
Response: 31131272  
Conc: 8.84 ng/ml



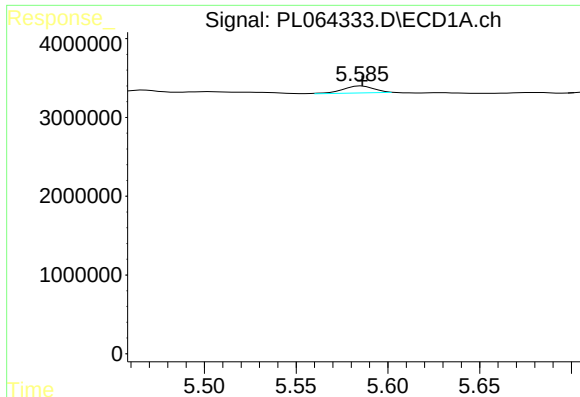
#6 beta-BHC

R.T.: 4.398 min  
Delta R.T.: 0.000 min  
Response: 22719493  
Conc: 9.78 ng/ml



#6 beta-BHC

R.T.: 4.977 min  
Delta R.T.: 0.002 min  
Response: 24044745  
Conc: 12.05 ng/ml m



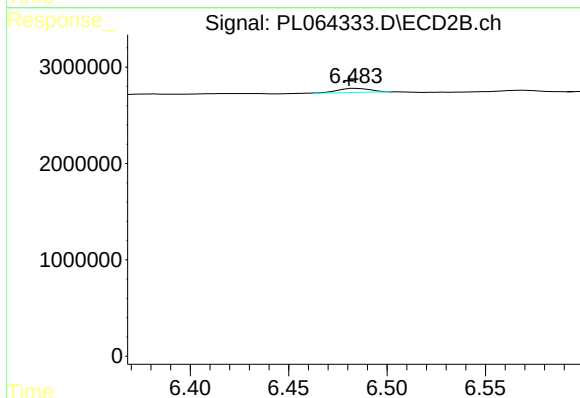
#12 4,4'-DDE

R.T.: 5.585 min  
Delta R.T.: -0.002 min  
Response: 1036649  
Conc: 0.29 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

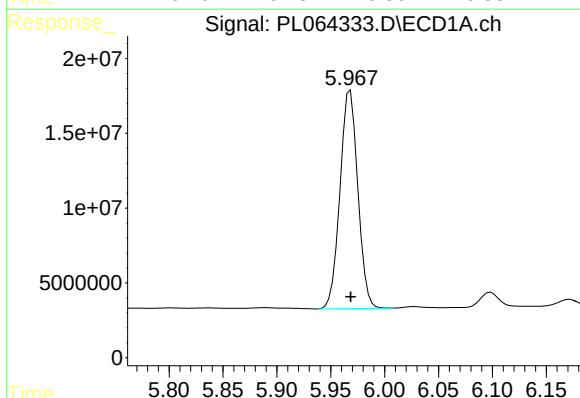
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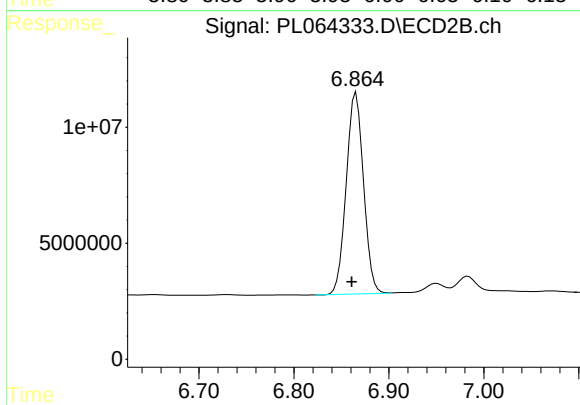
#12 4,4'-DDE

R.T.: 6.483 min  
Delta R.T.: 0.002 min  
Response: 496087  
Conc: 0.19 ng/ml m



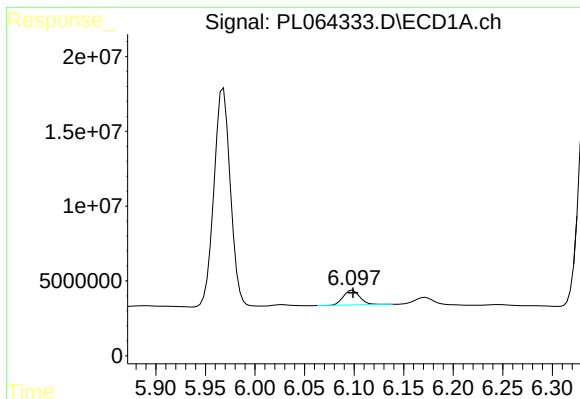
#14 Endrin

R.T.: 5.968 min  
Delta R.T.: 0.000 min  
Response: 168059717  
Conc: 48.40 ng/ml



#14 Endrin

R.T.: 6.866 min  
Delta R.T.: 0.005 min  
Response: 109824686  
Conc: 48.09 ng/ml



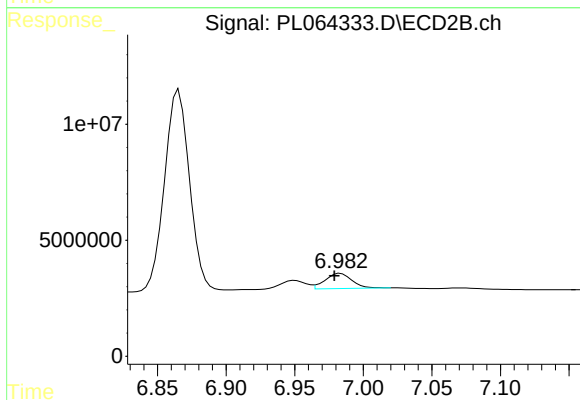
#16 4,4'-DDD

R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 11679213  
Conc: 4.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

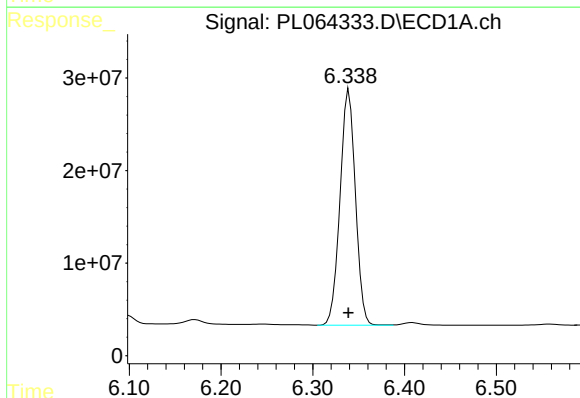
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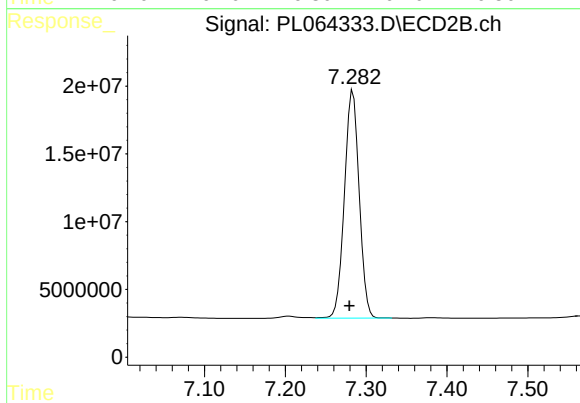
#16 4,4'-DDD

R.T.: 6.983 min  
Delta R.T.: 0.004 min  
Response: 8973431  
Conc: 4.05 ng/ml



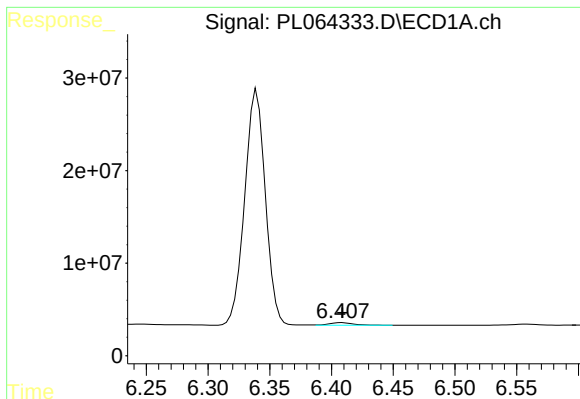
#17 4,4'-DDT

R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 296446849  
Conc: 99.30 ng/ml



#17 4,4'-DDT

R.T.: 7.284 min  
Delta R.T.: 0.004 min  
Response: 212821578  
Conc: 93.96 ng/ml



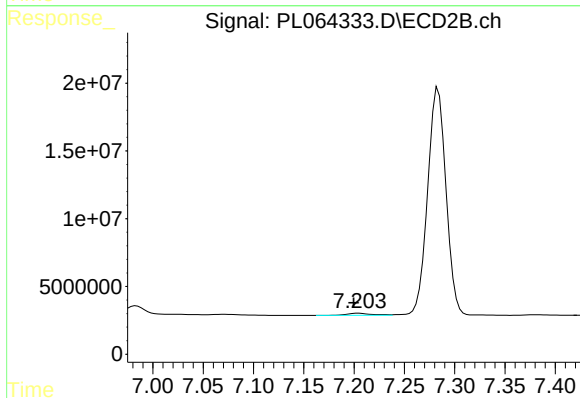
#18 Endrin aldehyde

R.T.: 6.408 min  
Delta R.T.: 0.000 min  
Response: 3681479  
Conc: 1.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

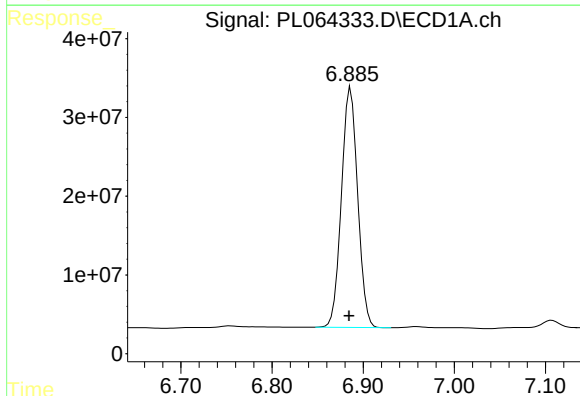
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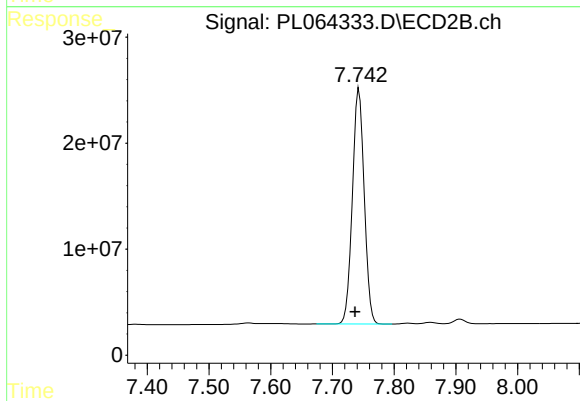
#18 Endrin aldehyde

R.T.: 7.204 min  
Delta R.T.: 0.005 min  
Response: 2596284  
Conc: 1.20 ng/ml



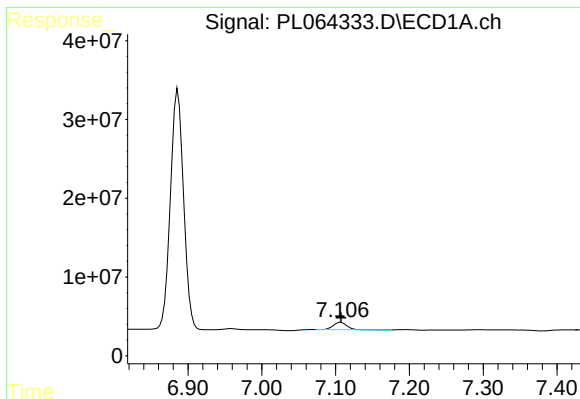
#20 Methoxychlor

R.T.: 6.886 min  
Delta R.T.: 0.002 min  
Response: 377450371  
Conc: 225.86 ng/ml



#20 Methoxychlor

R.T.: 7.743 min  
Delta R.T.: 0.006 min  
Response: 295867764  
Conc: 218.97 ng/ml



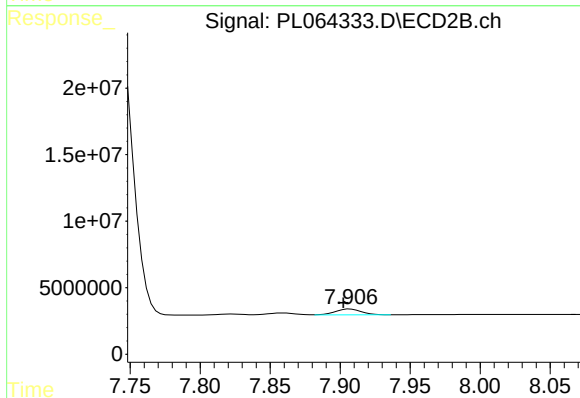
#21 Endrin ketone

R.T.: 7.107 min  
Delta R.T.: 0.000 min  
Response: 12004037  
Conc: 3.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

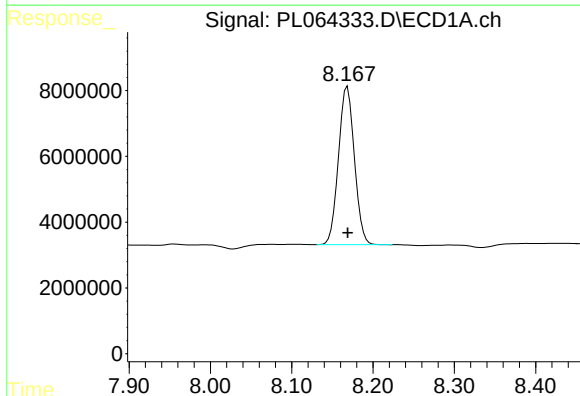
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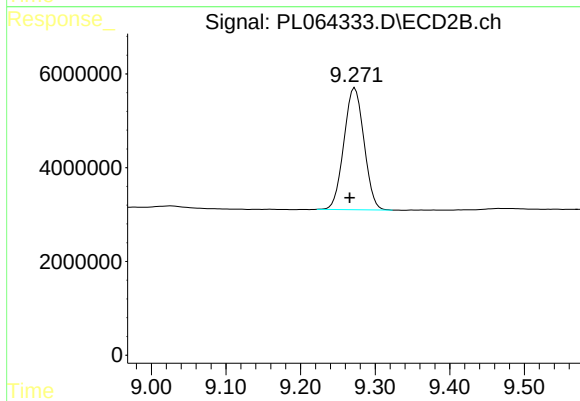
#21 Endrin ketone

R.T.: 7.907 min  
Delta R.T.: 0.005 min  
Response: 5611686  
Conc: 2.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.169 min  
Delta R.T.: 0.000 min  
Response: 65256937  
Conc: 21.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.273 min  
Delta R.T.: 0.007 min  
Response: 48565938  
Conc: 20.46 ng/ml