

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012321\  
 Data File : PL064302.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jan 2021 13:01  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
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 1/22/2021 9:14:52 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 22 02:09:01 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 | 4.108 | 65126281 | 52490348 | 21.720  | 20.533  |
| 28)                         | SA Decachlor... | 8.169 | 9.274 | 68173639 | 51111594 | 22.337  | 21.535  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.868 | 4.510 | 47852795 | 33265966 | 9.621   | 9.103   |
| 3)                          | MA gamma-BHC... | 4.149 | 4.802 | 47776081 | 31617626 | 10.304  | 8.976   |
| 6)                          | B beta-BHC      | 4.398 | 4.978 | 23091133 | 17962274 | 9.997   | 7.962   |
| 12)                         | B 4,4'-DDE      | 5.584 | 6.482 | 826476   | 443535   | 0.235m  | 0.167m# |
| 14)                         | MA Endrin       | 5.969 | 6.866 | 186.8E6  | 122.9E6  | 53.801  | 53.811  |
| 16)                         | A 4,4'-DDD      | 6.100 | 6.984 | 3488157  | 2957245  | 1.196   | 1.334   |
| 17)                         | MA 4,4'-DDT     | 6.340 | 7.284 | 331.8E6  | 241.3E6  | 111.147 | 106.550 |
| 18)                         | B Endrin al...  | 6.408 | 7.202 | 1765860  | 478375   | 0.616m  | 0.221m# |
| 20)                         | A Methoxychlor  | 6.887 | 7.744 | 420.6E6  | 333.8E6  | 251.690 | 247.023 |
| 21)                         | B Endrin ke...  | 7.108 | 7.907 | 5218044  | 2688491  | 1.453   | 1.078 # |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PL064302.D  
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Acq On : 21 Jan 2021 13:01  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

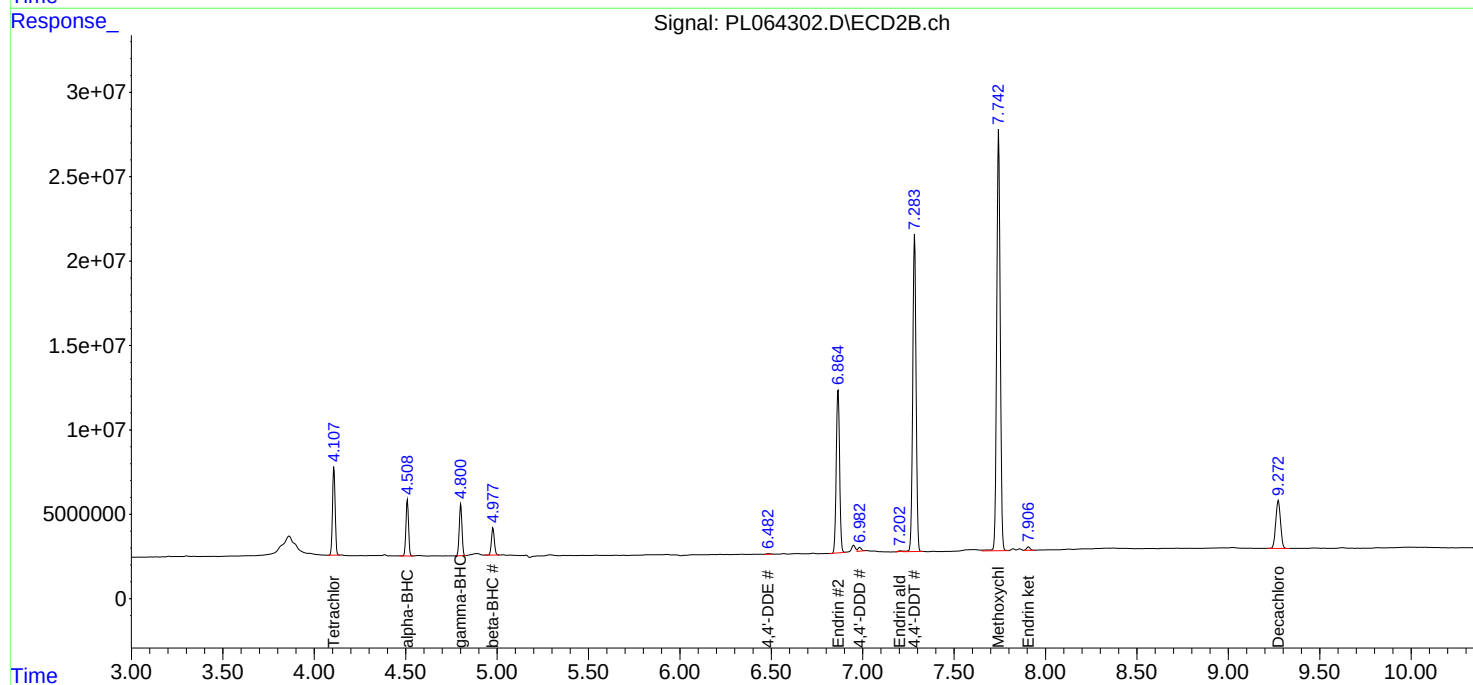
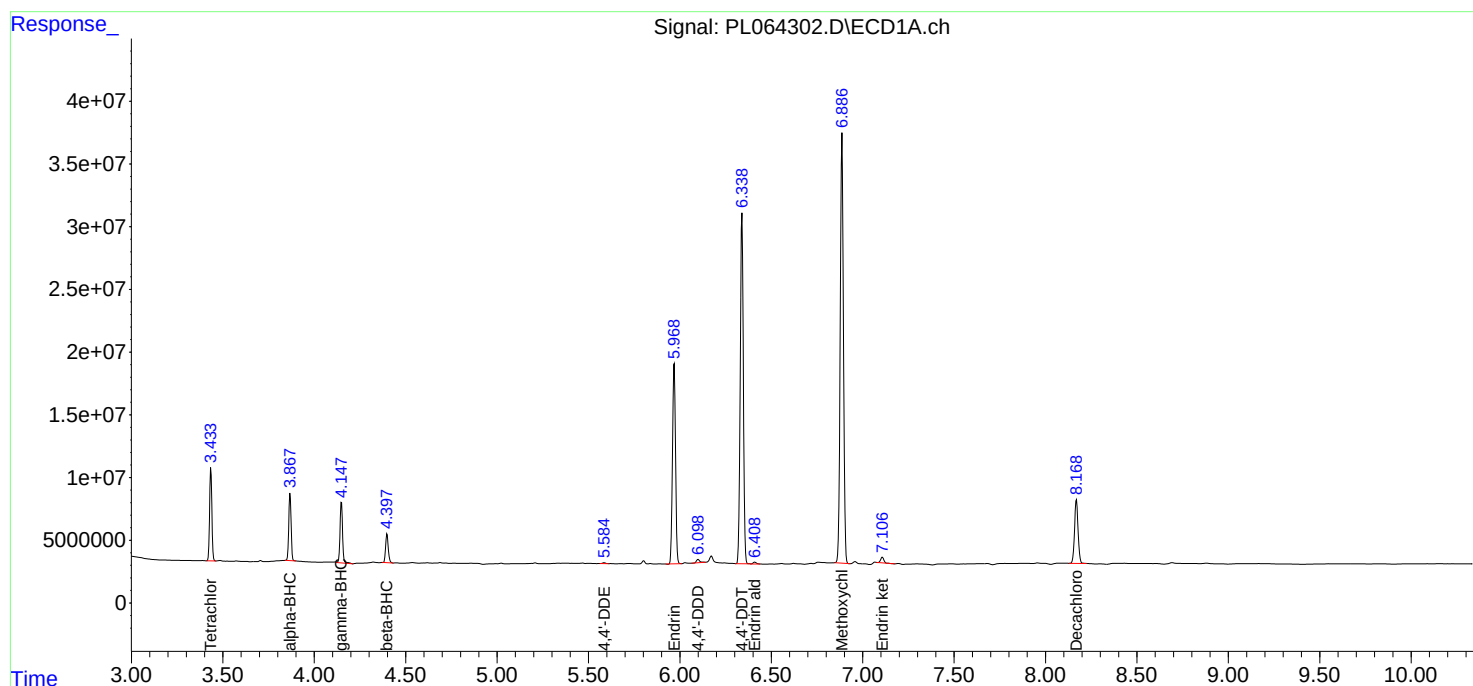
Instrument :  
ECD\_L  
ClientSampled :  
PEM

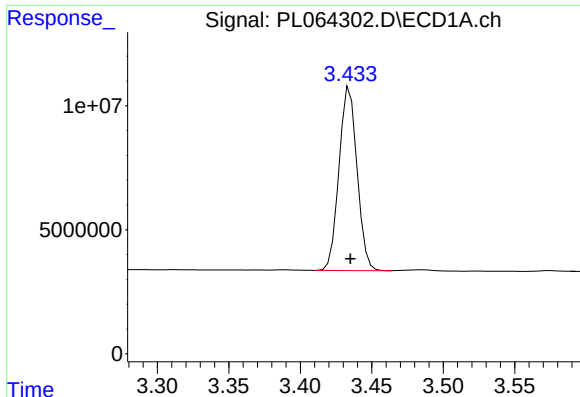
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 22 02:09:01 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011221.M  
Quant Title : GC Extractables  
QLast Update : Mon Jan 18 13:25:12 2021  
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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





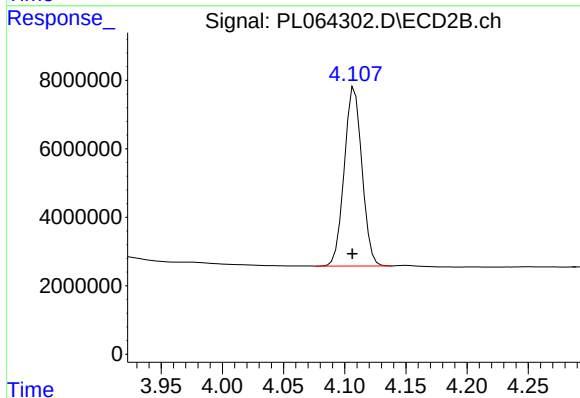
#1 Tetrachloro-m-xylene

R.T.: 3.435 min  
Delta R.T.: 0.000 min  
Response: 65126281  
Conc: 21.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

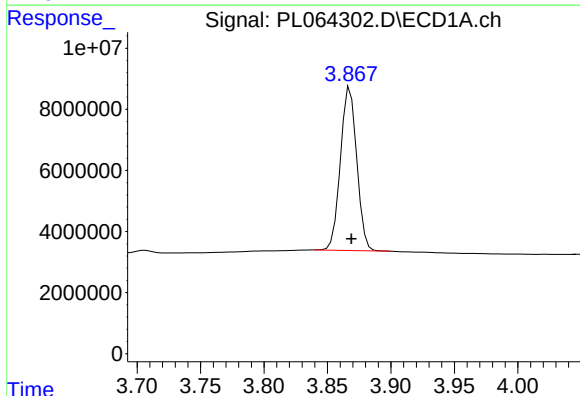
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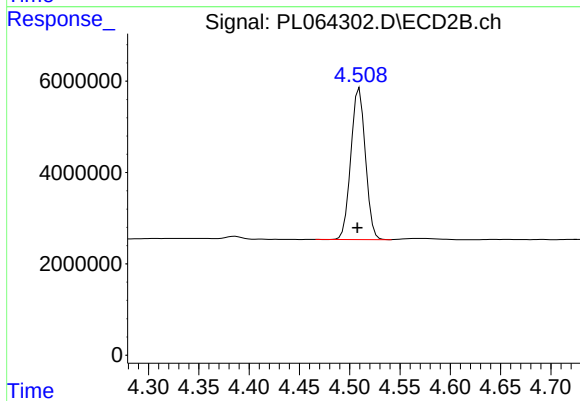
#1 Tetrachloro-m-xylene

R.T.: 4.108 min  
Delta R.T.: 0.002 min  
Response: 52490348  
Conc: 20.53 ng/ml



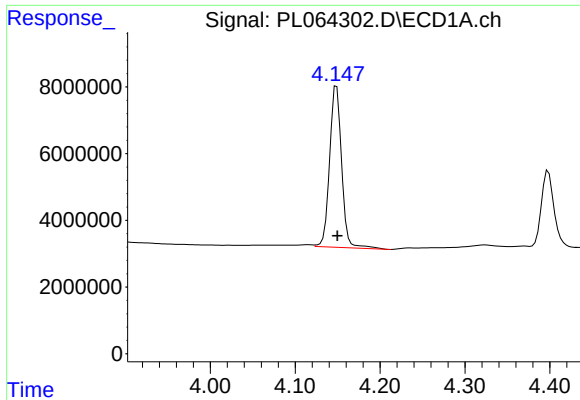
#2 alpha-BHC

R.T.: 3.868 min  
Delta R.T.: 0.000 min  
Response: 47852795  
Conc: 9.62 ng/ml



#2 alpha-BHC

R.T.: 4.510 min  
Delta R.T.: 0.002 min  
Response: 33265966  
Conc: 9.10 ng/ml



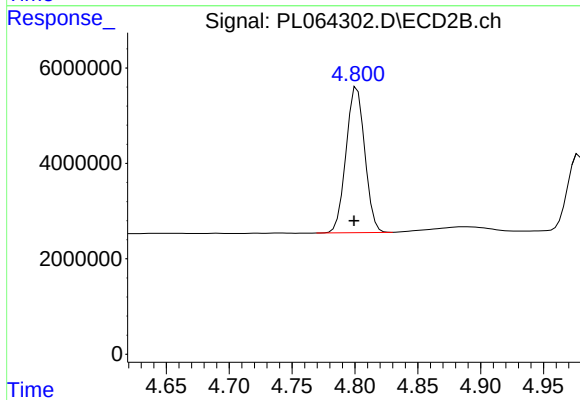
#3 gamma-BHC (Lindane)

R.T.: 4.149 min  
Delta R.T.: 0.000 min  
Response: 47776081  
Conc: 10.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

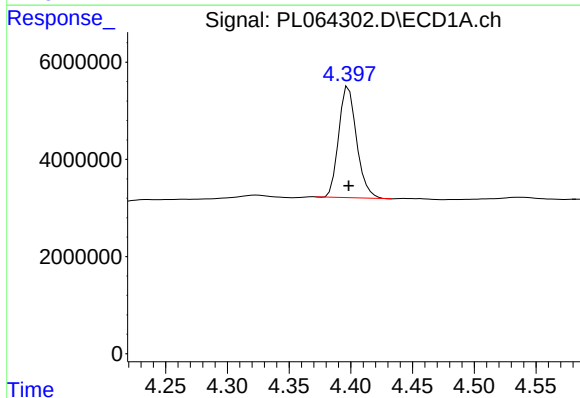
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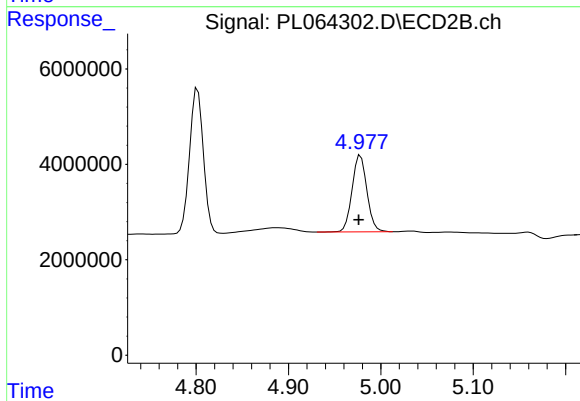
#3 gamma-BHC (Lindane)

R.T.: 4.802 min  
Delta R.T.: 0.002 min  
Response: 31617626  
Conc: 8.98 ng/ml



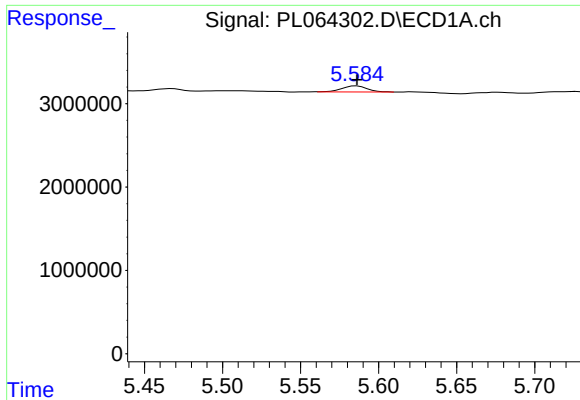
#6 beta-BHC

R.T.: 4.398 min  
Delta R.T.: 0.000 min  
Response: 23091133  
Conc: 10.00 ng/ml



#6 beta-BHC

R.T.: 4.978 min  
Delta R.T.: 0.002 min  
Response: 17962274  
Conc: 7.96 ng/ml



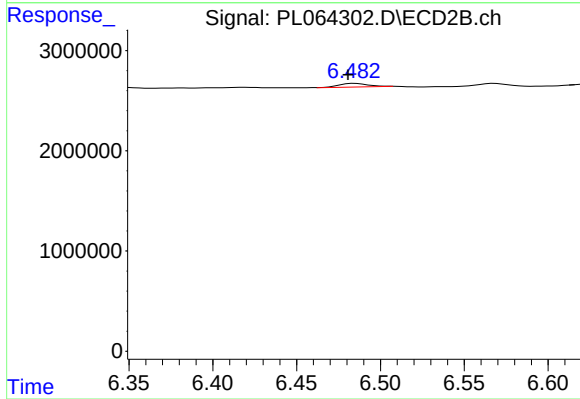
#12 4,4'-DDE

R.T.: 5.584 min  
Delta R.T.: -0.002 min  
Response: 826476  
Conc: 0.23 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

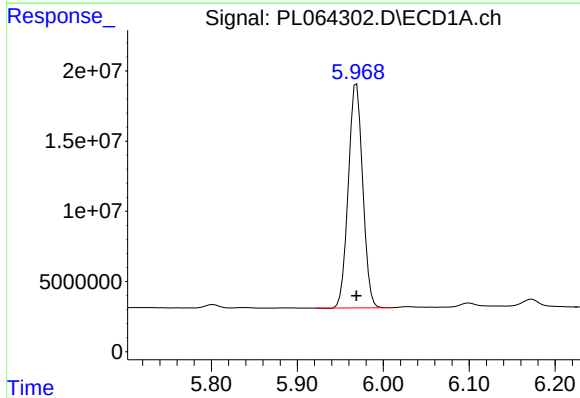
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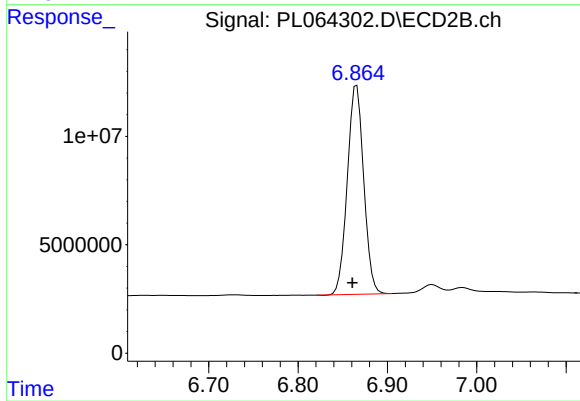
#12 4,4'-DDE

R.T.: 6.482 min  
Delta R.T.: 0.002 min  
Response: 443535  
Conc: 0.17 ng/ml m



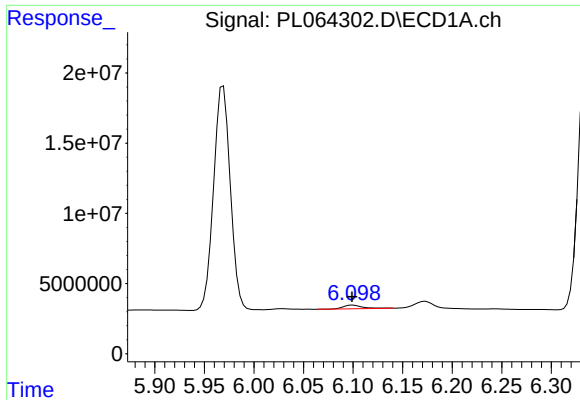
#14 Endrin

R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 186818194  
Conc: 53.80 ng/ml



#14 Endrin

R.T.: 6.866 min  
Delta R.T.: 0.005 min  
Response: 122878948  
Conc: 53.81 ng/ml



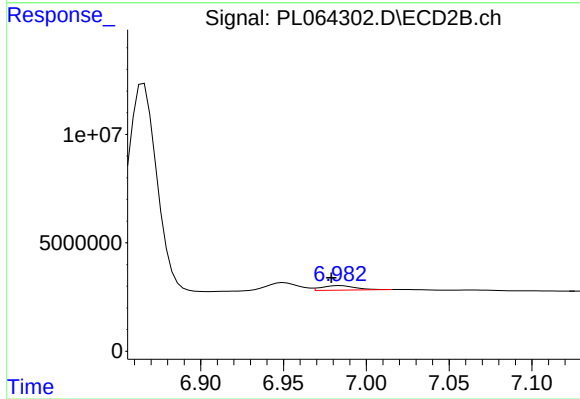
#16 4,4'-DDD

R.T.: 6.100 min  
Delta R.T.: 0.000 min  
Response: 3488157  
Conc: 1.20 ng/ml

Instrument :  
ECD\_L  
ClientSampled :  
PEM

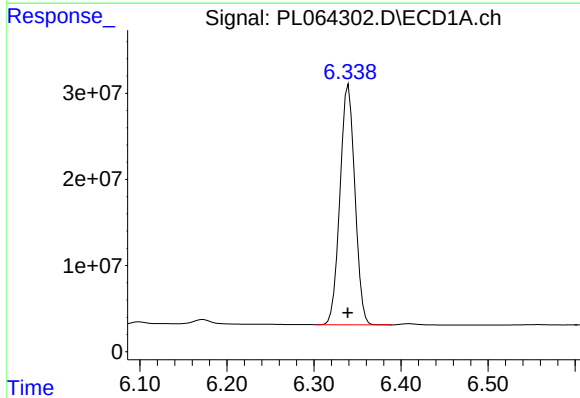
Manual Integrations  
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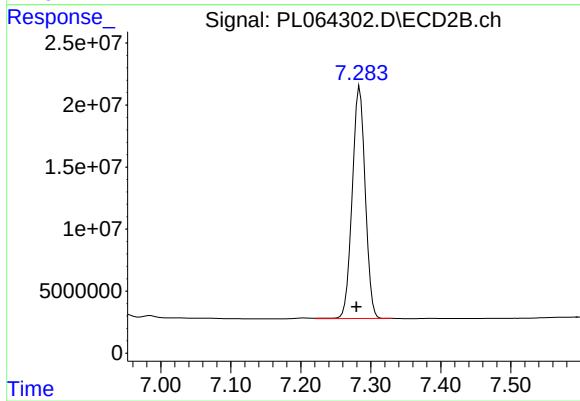
#16 4,4'-DDD

R.T.: 6.984 min  
Delta R.T.: 0.005 min  
Response: 2957245  
Conc: 1.33 ng/ml



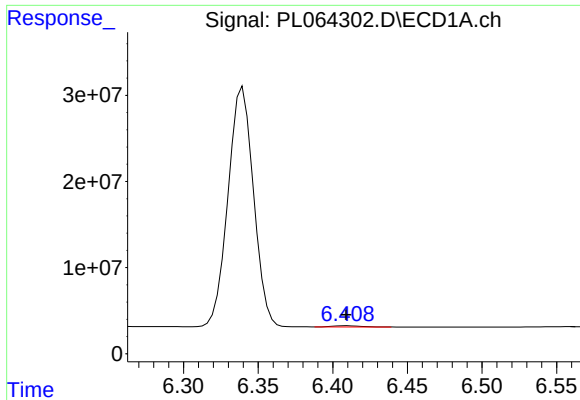
#17 4,4'-DDT

R.T.: 6.340 min  
Delta R.T.: 0.001 min  
Response: 331811158  
Conc: 111.15 ng/ml



#17 4,4'-DDT

R.T.: 7.284 min  
Delta R.T.: 0.005 min  
Response: 241331531  
Conc: 106.55 ng/ml



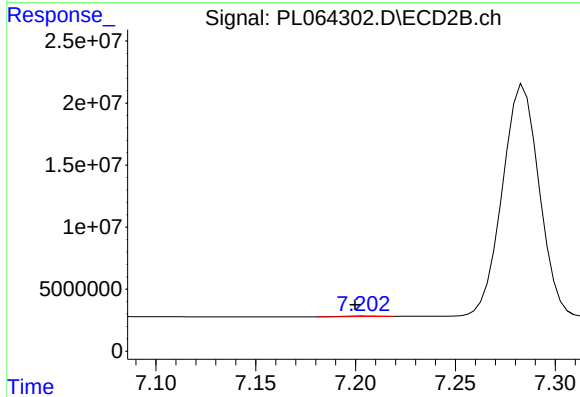
#18 Endrin aldehyde

R.T.: 6.408 min  
Delta R.T.: 0.000 min  
Response: 1765860  
Conc: 0.62 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

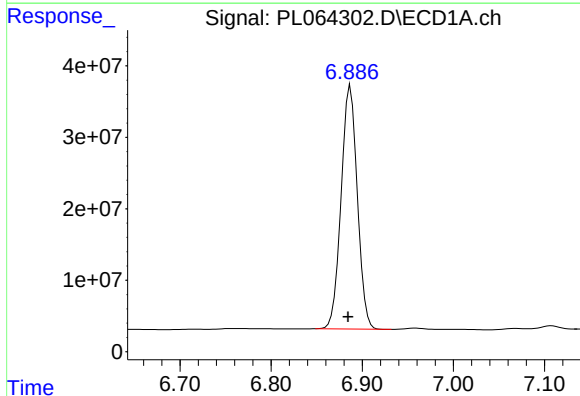
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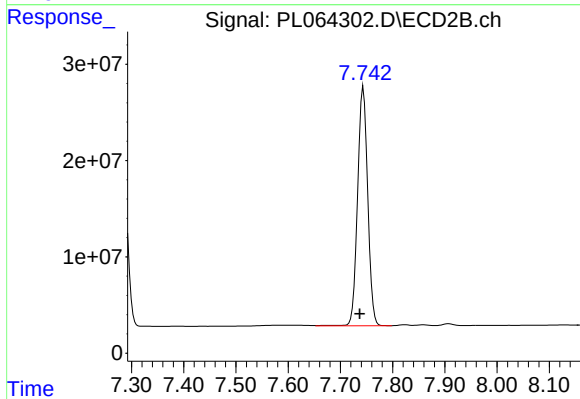
#18 Endrin aldehyde

R.T.: 7.202 min  
Delta R.T.: 0.003 min  
Response: 478375  
Conc: 0.22 ng/ml m



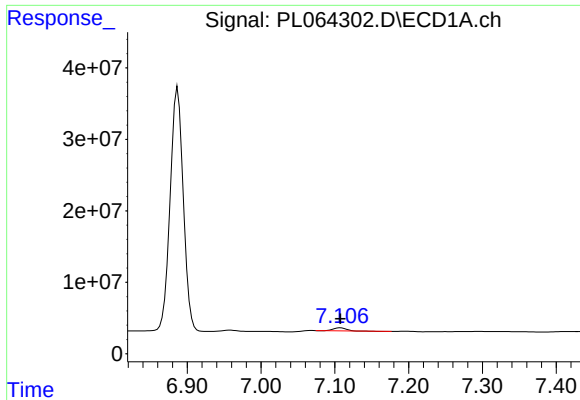
#20 Methoxychlor

R.T.: 6.887 min  
Delta R.T.: 0.003 min  
Response: 420609617  
Conc: 251.69 ng/ml



#20 Methoxychlor

R.T.: 7.744 min  
Delta R.T.: 0.007 min  
Response: 333766365  
Conc: 247.02 ng/ml



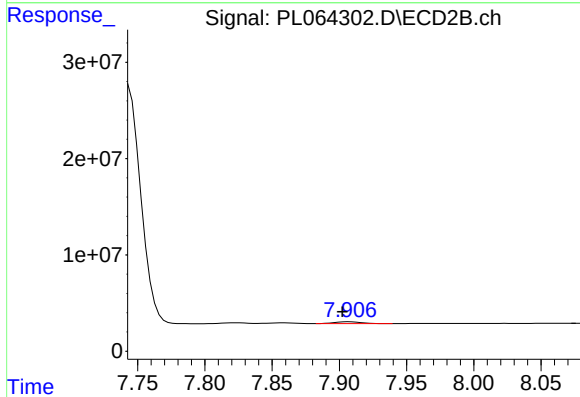
#21 Endrin ketone

R.T.: 7.108 min  
Delta R.T.: 0.000 min  
Response: 5218044  
Conc: 1.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

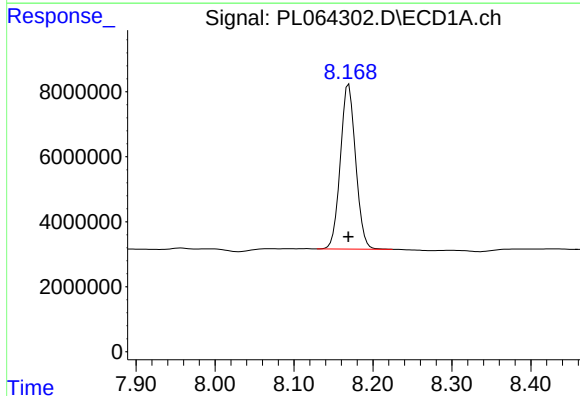
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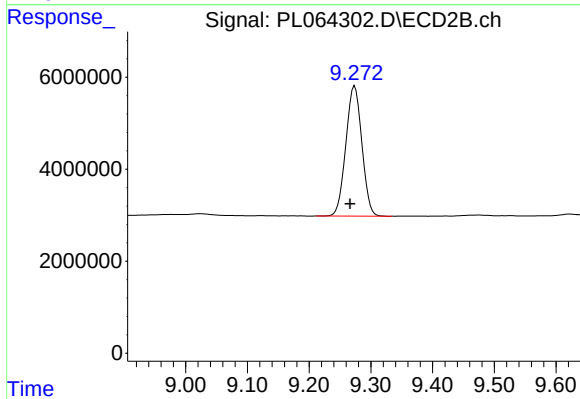
#21 Endrin ketone

R.T.: 7.907 min  
Delta R.T.: 0.005 min  
Response: 2688491  
Conc: 1.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.169 min  
Delta R.T.: 0.000 min  
Response: 68173639  
Conc: 22.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.274 min  
Delta R.T.: 0.008 min  
Response: 51111594  
Conc: 21.54 ng/ml