

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030719\  
 Data File : PL045555.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Mar 2019 11:18  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

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 3/8/2019 9:15:04 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 08 03:36:35 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 2019  
 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... | 3.363 | 3.981 | 152.5E6  | 47298552 | 22.169  | 22.086  |
| 28)                         | SA Decachlor... | 8.045 | 9.037 | 179.3E6  | 49486422 | 21.426  | 21.658  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.792 | 4.370 | 108.4E6  | 29479352 | 9.758   | 9.701   |
| 3)                          | MA gamma-BHC... | 4.070 | 4.655 | 100.0E6  | 28885804 | 9.898   | 10.226  |
| 6)                          | B beta-BHC      | 4.323 | 4.827 | 48098677 | 14081429 | 11.222  | 11.088  |
| 12)                         | B 4,4'-DDE      | 5.480 | 6.315 | 2368385  | 820426   | 0.270m  | 0.351m# |
| 14)                         | MA Endrin       | 5.861 | 6.683 | 422.0E6  | 100.8E6  | 46.857  | 44.314  |
| 16)                         | A 4,4'-DDD      | 5.994 | 6.806 | 27244037 | 7950370  | 3.721   | 4.134   |
| 17)                         | MA 4,4'-DDT     | 6.230 | 7.105 | 818.5E6  | 200.5E6  | 109.127 | 101.595 |
| 18)                         | B Endrin al...  | 6.302 | 7.017 | 15437483 | 3457303  | 2.112   | 1.691   |
| 20)                         | A Methoxychlor  | 6.775 | 7.563 | 1050.3E6 | 271.8E6  | 239.151 | 221.406 |
| 21)                         | B Endrin ke...  | 6.997 | 7.709 | 41399709 | 8563240  | 4.494   | 3.600   |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 07 Mar 2019 11:18  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

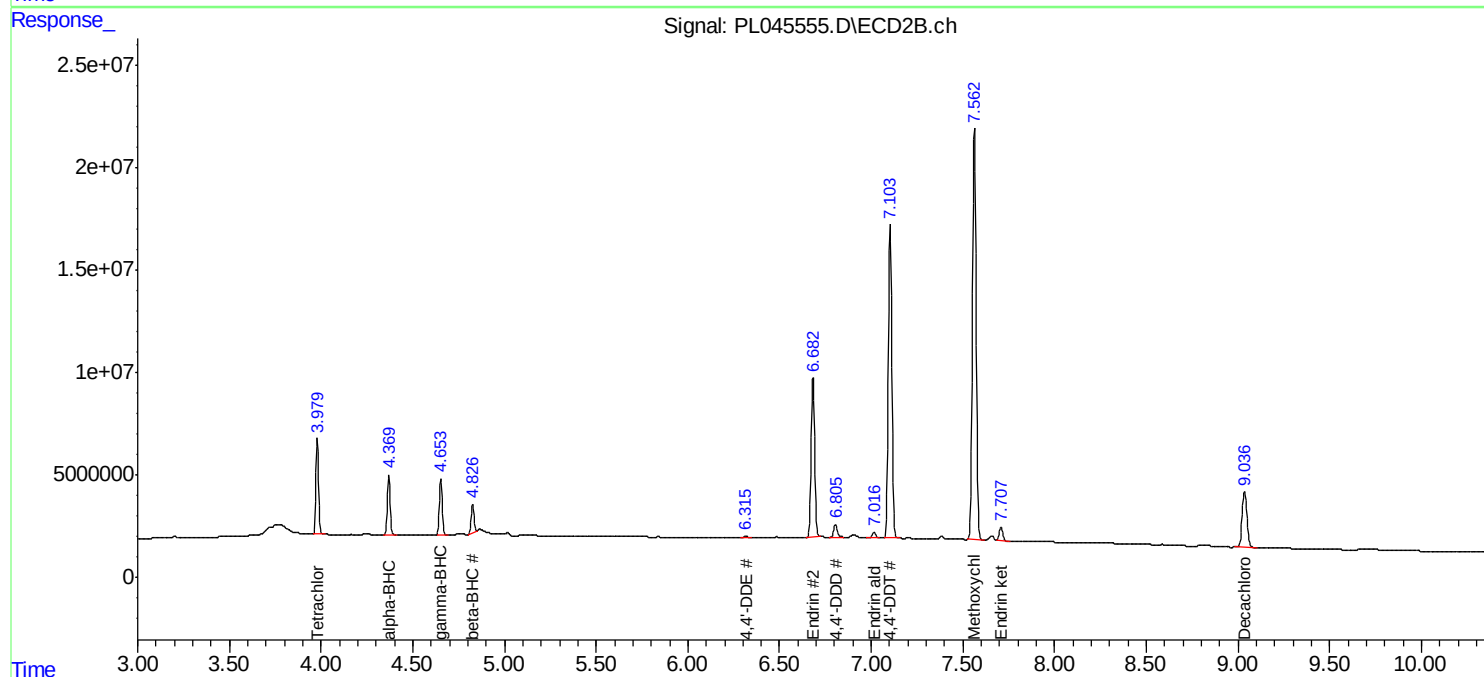
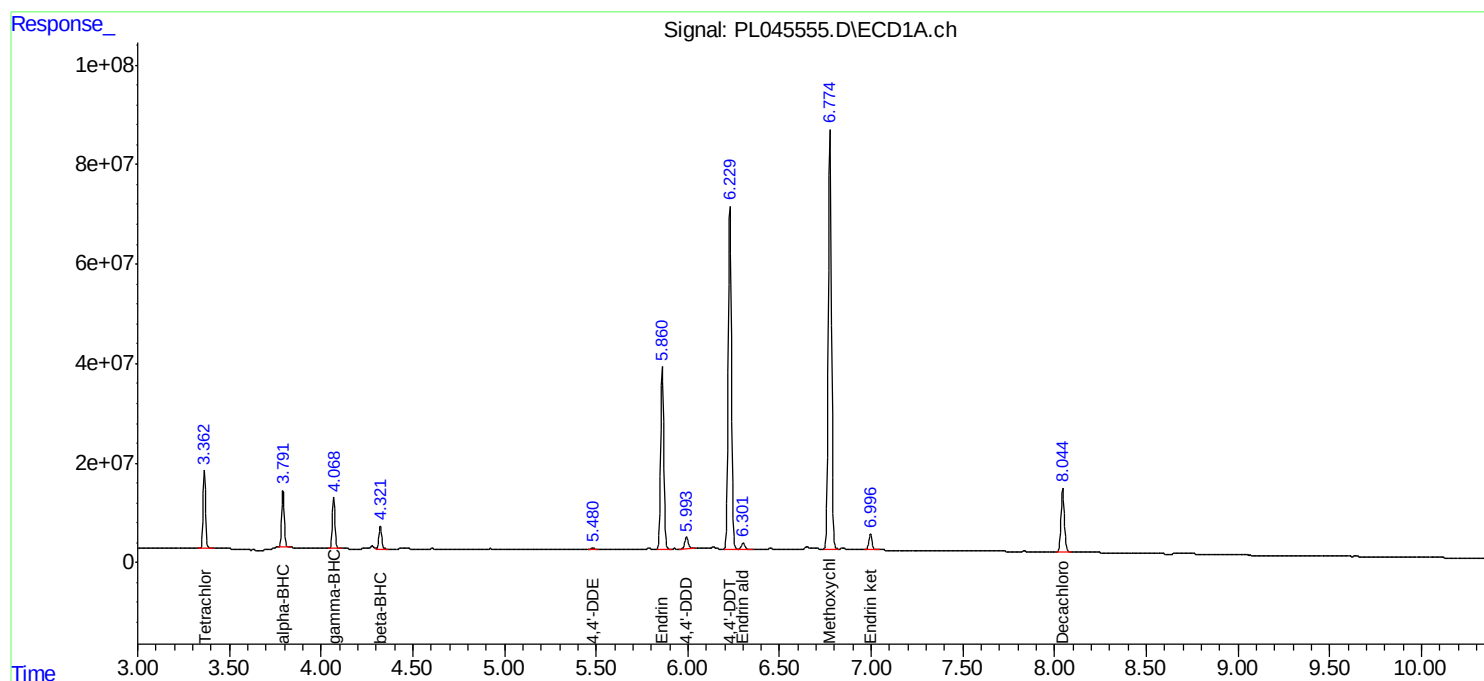
Instrument :  
ECD\_L  
ClientSampled :  
PEM

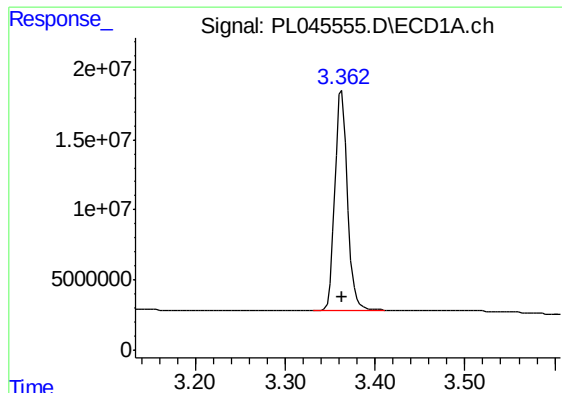
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 08 03:36:35 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





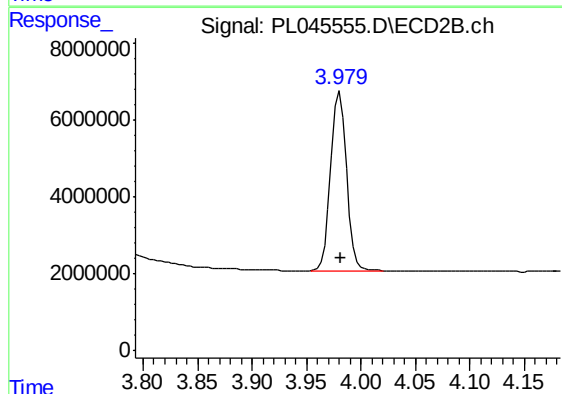
#1 Tetrachloro-m-xylene

R.T.: 3.363 min  
Delta R.T.: 0.000 min  
Response: 152509702  
Conc: 22.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

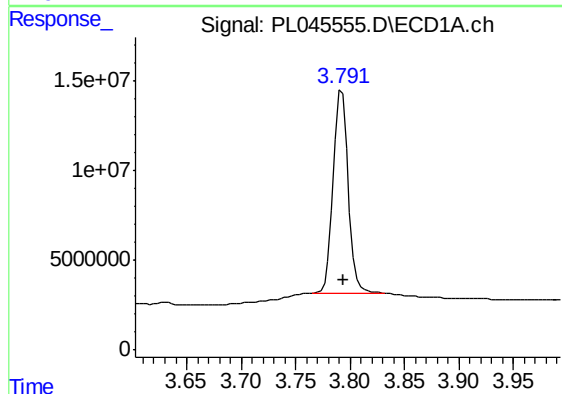
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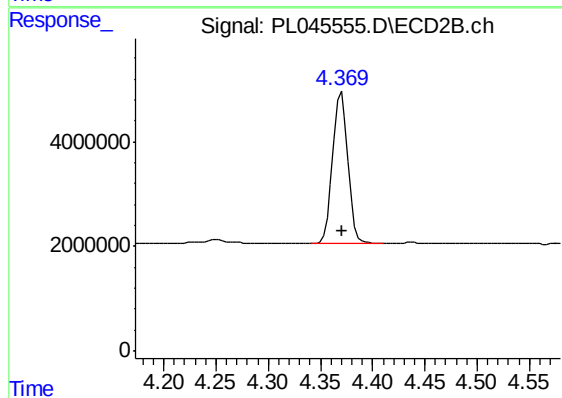
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: -0.001 min  
Response: 47298552  
Conc: 22.09 ng/ml



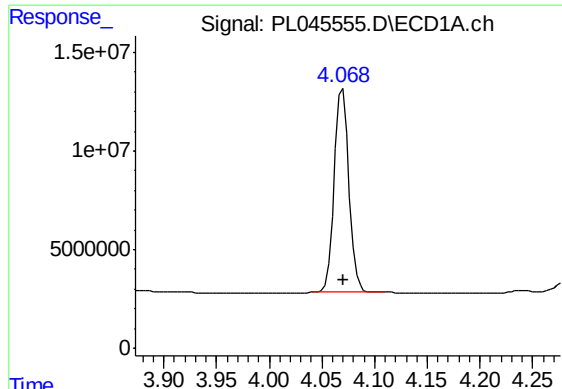
#2 alpha-BHC

R.T.: 3.792 min  
Delta R.T.: -0.001 min  
Response: 108389544  
Conc: 9.76 ng/ml



#2 alpha-BHC

R.T.: 4.370 min  
Delta R.T.: -0.001 min  
Response: 29479352  
Conc: 9.70 ng/ml



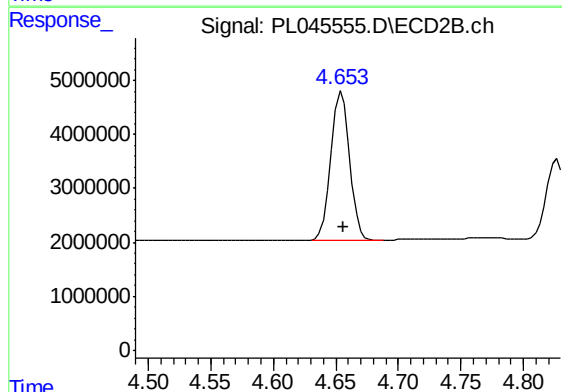
#3 gamma-BHC (Lindane)

R.T.: 4.070 min  
Delta R.T.: 0.000 min  
Response: 100037369  
Conc: 9.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

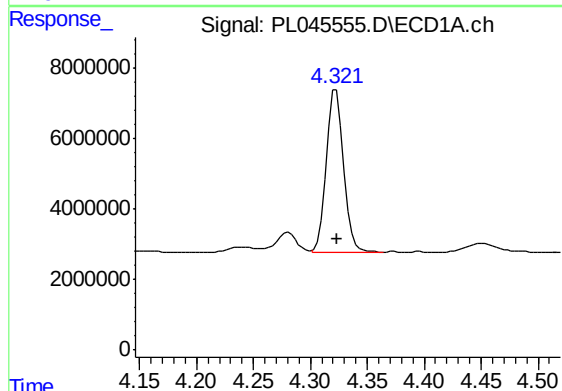
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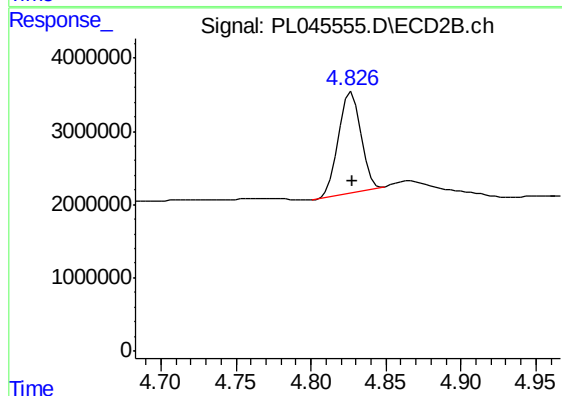
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: -0.001 min  
Response: 28885804  
Conc: 10.23 ng/ml



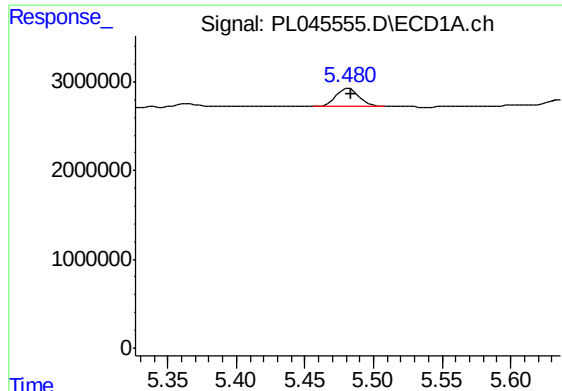
#6 beta-BHC

R.T.: 4.323 min  
Delta R.T.: 0.000 min  
Response: 48098677  
Conc: 11.22 ng/ml



#6 beta-BHC

R.T.: 4.827 min  
Delta R.T.: 0.000 min  
Response: 14081429  
Conc: 11.09 ng/ml



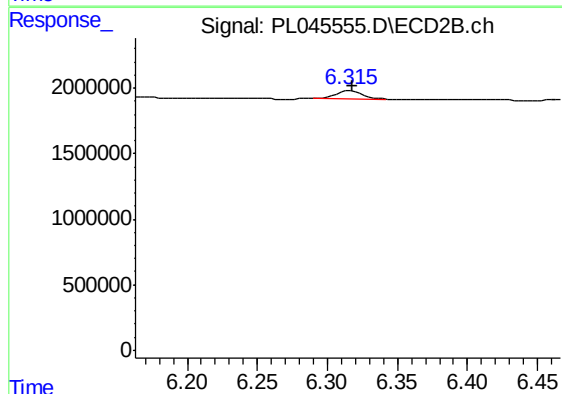
#12 4,4'-DDE

R.T.: 5.480 min  
Delta R.T.: -0.004 min  
Response: 2368385  
Conc: 0.27 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

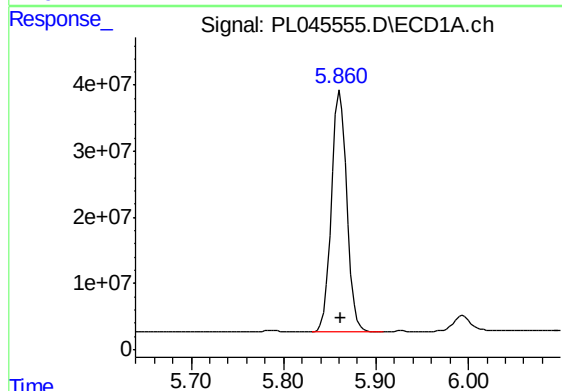
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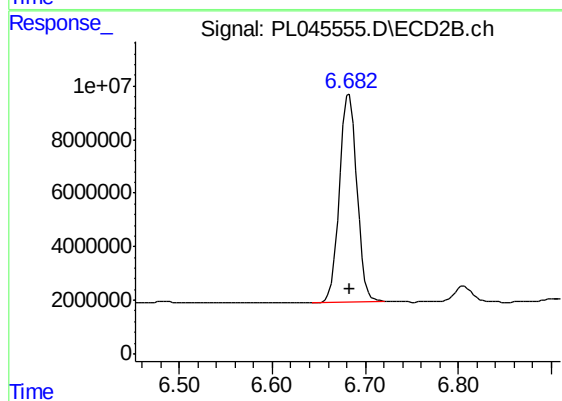
#12 4,4'-DDE

R.T.: 6.315 min  
Delta R.T.: -0.003 min  
Response: 820426  
Conc: 0.35 ng/ml m



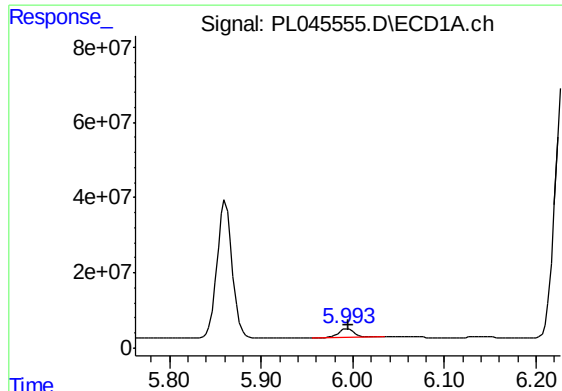
#14 Endrin

R.T.: 5.861 min  
Delta R.T.: -0.001 min  
Response: 421983775  
Conc: 46.86 ng/ml



#14 Endrin

R.T.: 6.683 min  
Delta R.T.: -0.001 min  
Response: 100826520  
Conc: 44.31 ng/ml



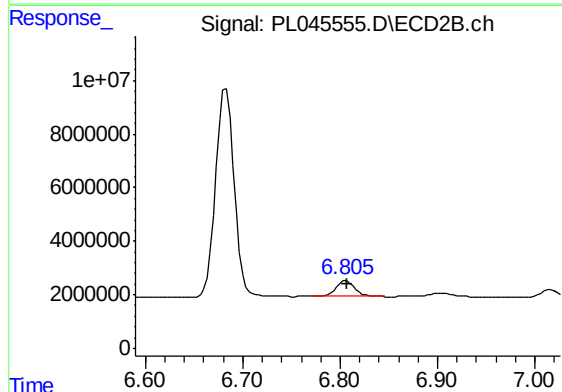
#16 4,4'-DDD

R.T.: 5.994 min  
Delta R.T.: -0.001 min  
Response: 27244037  
Conc: 3.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

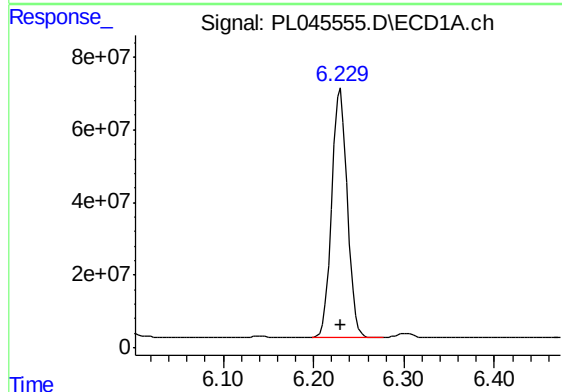
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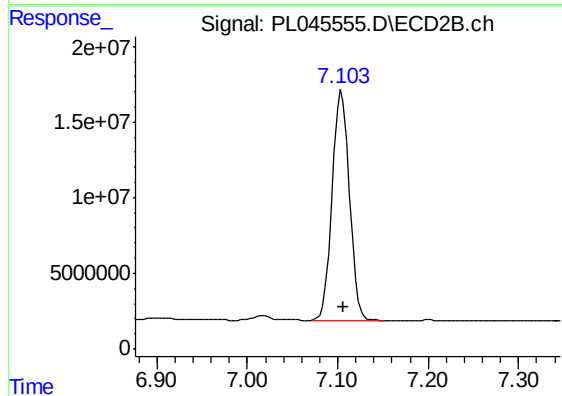
#16 4,4'-DDD

R.T.: 6.806 min  
Delta R.T.: -0.002 min  
Response: 7950370  
Conc: 4.13 ng/ml



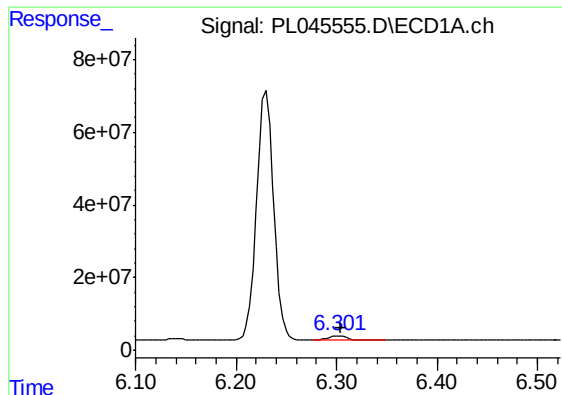
#17 4,4'-DDT

R.T.: 6.230 min  
Delta R.T.: 0.000 min  
Response: 818464393  
Conc: 109.13 ng/ml



#17 4,4'-DDT

R.T.: 7.105 min  
Delta R.T.: -0.001 min  
Response: 200491437  
Conc: 101.59 ng/ml



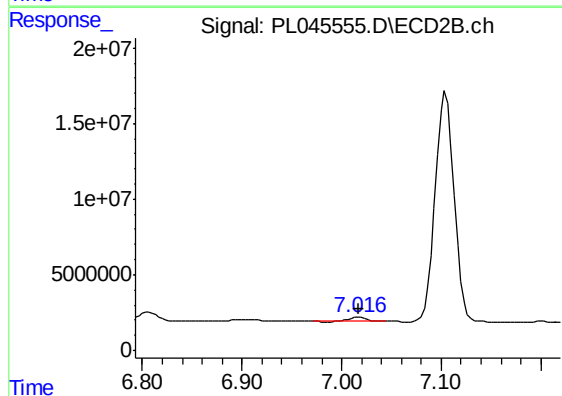
#18 Endrin aldehyde

R.T.: 6.302 min  
Delta R.T.: -0.002 min  
Response: 15437483  
Conc: 2.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

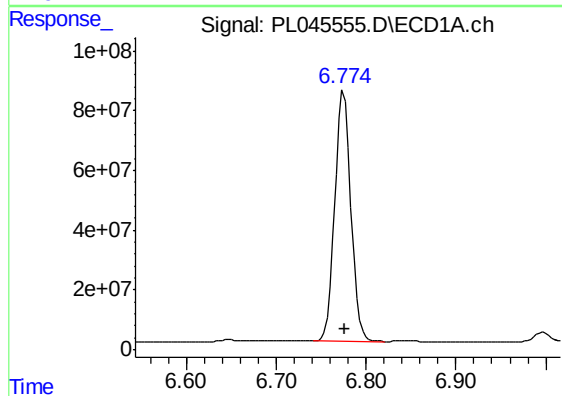
Manual Integrations  
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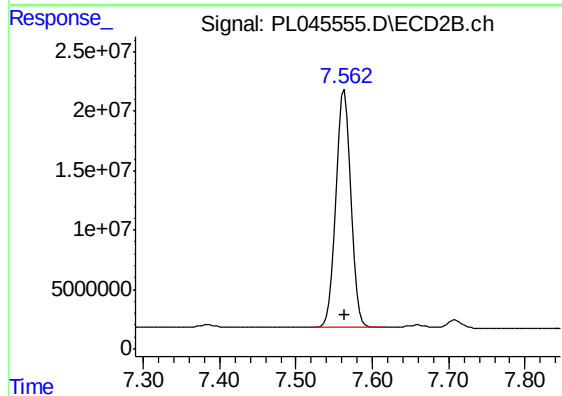
#18 Endrin aldehyde

R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 3457303  
Conc: 1.69 ng/ml



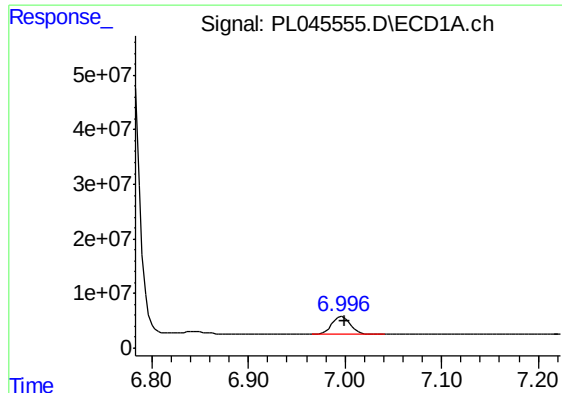
#20 Methoxychlor

R.T.: 6.775 min  
Delta R.T.: -0.001 min  
Response: 1050285986  
Conc: 239.15 ng/ml



#20 Methoxychlor

R.T.: 7.563 min  
Delta R.T.: 0.000 min  
Response: 271757293  
Conc: 221.41 ng/ml



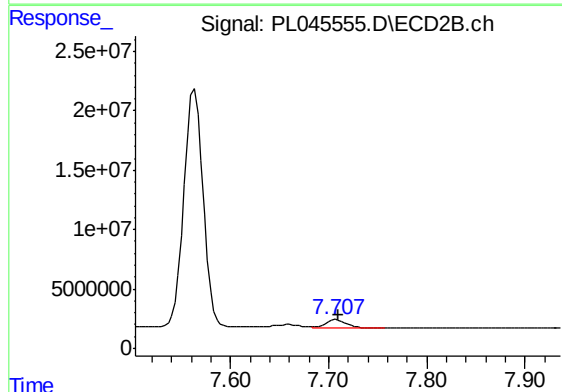
#21 Endrin ketone

R.T.: 6.997 min  
Delta R.T.: -0.002 min  
Response: 41399709  
Conc: 4.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

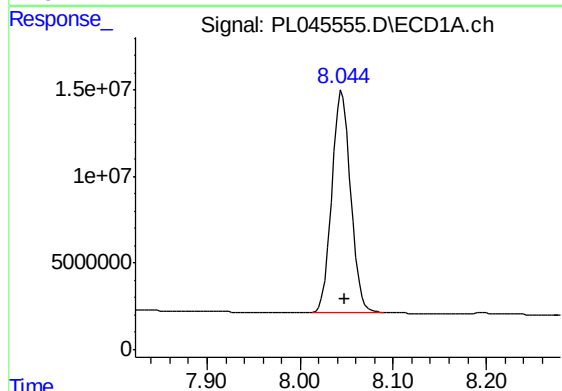
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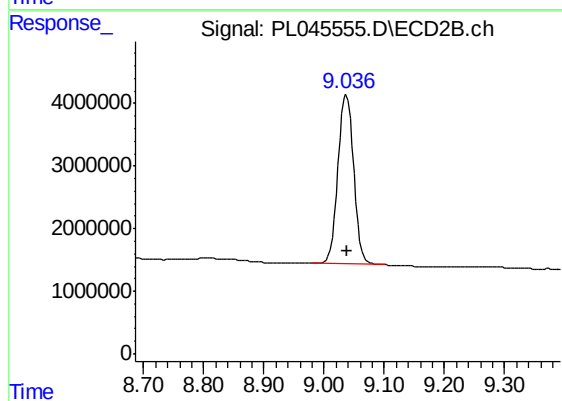
#21 Endrin ketone

R.T.: 7.709 min  
Delta R.T.: -0.001 min  
Response: 8563240  
Conc: 3.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.045 min  
Delta R.T.: -0.002 min  
Response: 179282449  
Conc: 21.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.037 min  
Delta R.T.: -0.002 min  
Response: 49486422  
Conc: 21.66 ng/ml