

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112818\  
 Data File : PL042545.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Nov 2018 13:29  
 Operator : AJ\SJ  
 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: Nov 29 00:05:38 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 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... | 3.468 | 4.102 | 126.4E6  | 64322951 | 21.492  | 22.364  |
| 28)                         | SA Decachlor... | 8.211 | 9.238 | 124.4E6  | 47874187 | 19.744  | 19.850  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.908 | 4.498 | 90646955 | 46524708 | 10.046  | 10.864  |
| 3)                          | MA gamma-BHC... | 4.191 | 4.787 | 82529427 | 43899208 | 10.013  | 11.109  |
| 6)                          | B beta-BHC      | 4.446 | 4.956 | 38786968 | 16285156 | 10.948  | 10.322  |
| 12)                         | B 4,4'-DDE      | 5.627 | 6.462 | 2121850  | 1563559  | 0.324   | 0.470m# |
| 14)                         | MA Endrin       | 6.015 | 6.839 | 336.9E6  | 139.2E6  | 51.511  | 50.530  |
| 16)                         | A 4,4'-DDD      | 6.144 | 6.955 | 31561687 | 17270980 | 5.961   | 6.562   |
| 17)                         | MA 4,4'-DDT     | 6.382 | 7.256 | 550.0E6  | 245.0E6  | 98.799  | 92.773  |
| 18)                         | B Endrin al...  | 6.458 | 7.171 | 6490580  | 2414314  | 1.249   | 1.053   |
| 20)                         | A Methoxychlor  | 6.929 | 7.713 | 708.0E6  | 291.8E6  | 224.491 | 214.034 |
| 21)                         | B Endrin ke...  | 7.160 | 7.869 | 19035672 | 7519073  | 2.749   | 2.720   |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 28 Nov 2018 13:29  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

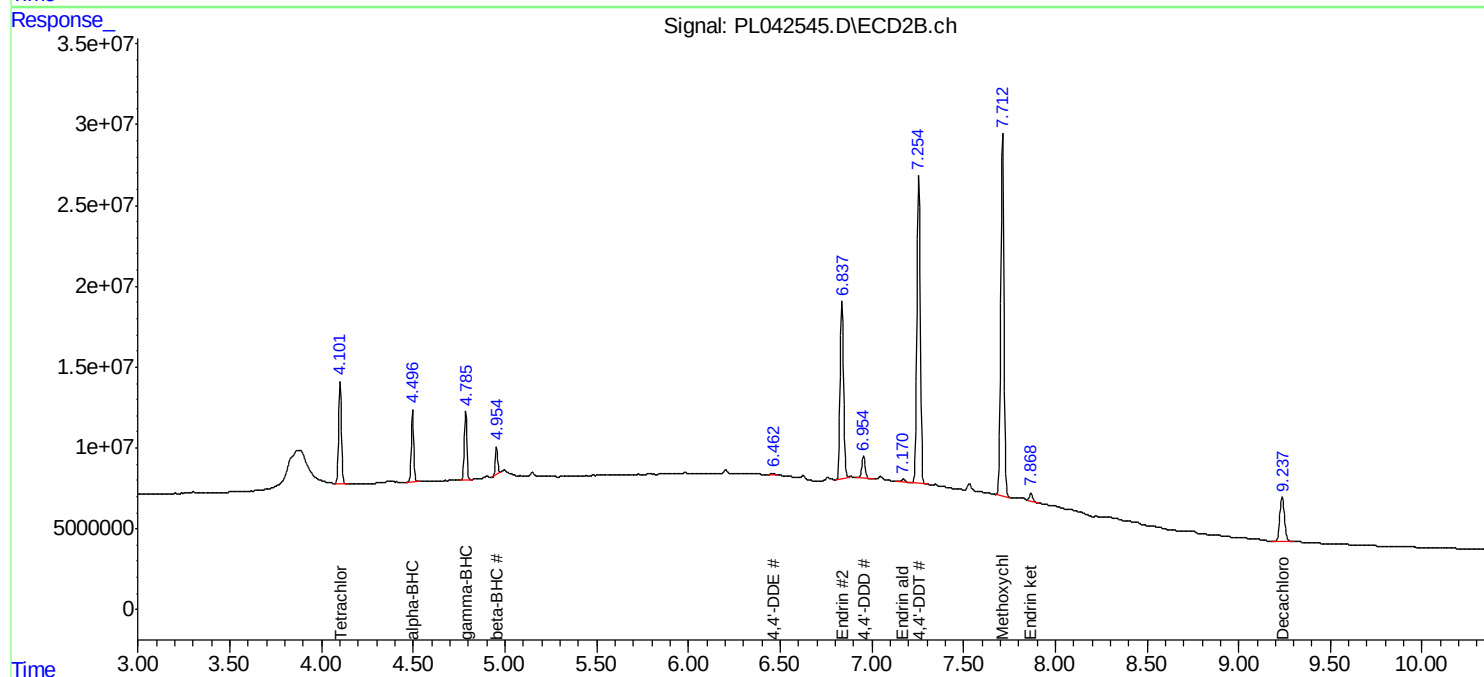
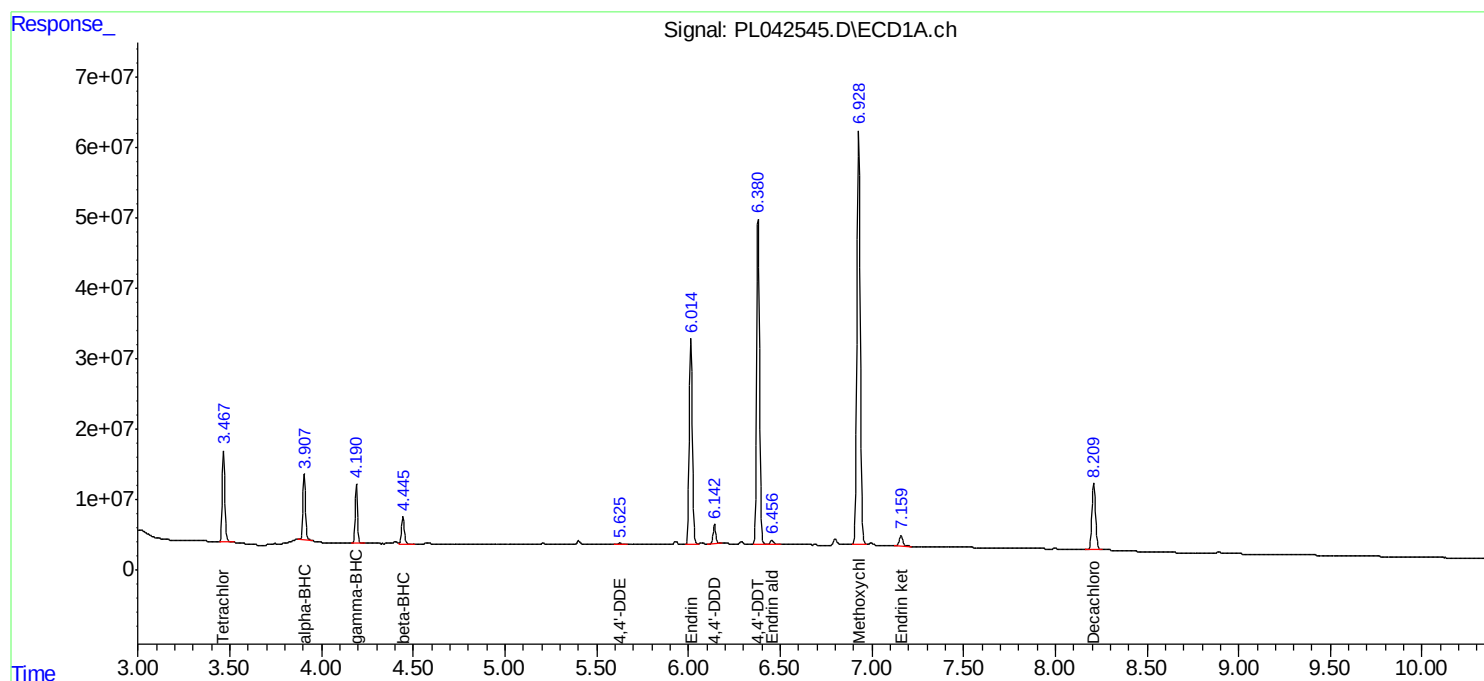
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

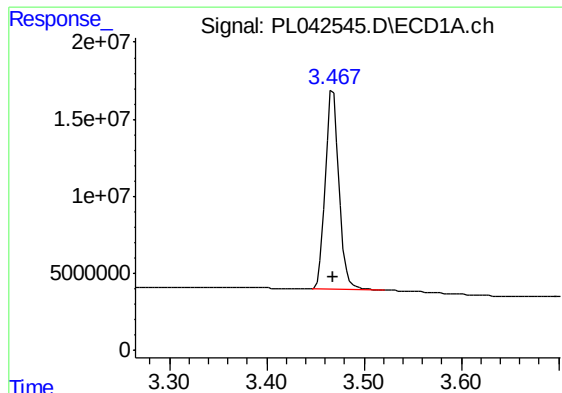
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Integration File signal 1: autoint1.e  
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Quant Time: Nov 29 00:05:38 2018  
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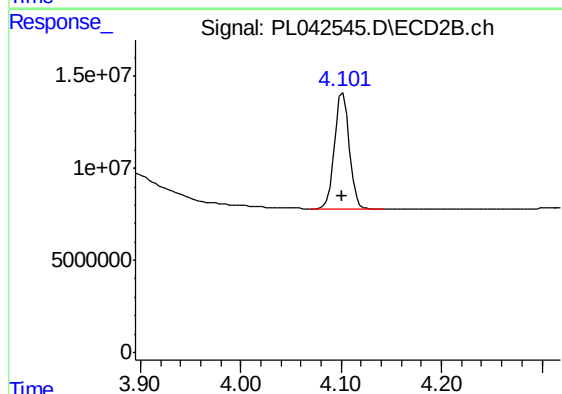
#1 Tetrachloro-m-xylene

R.T.: 3.468 min  
Delta R.T.: 0.000 min  
Response: 126446469  
Conc: 21.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

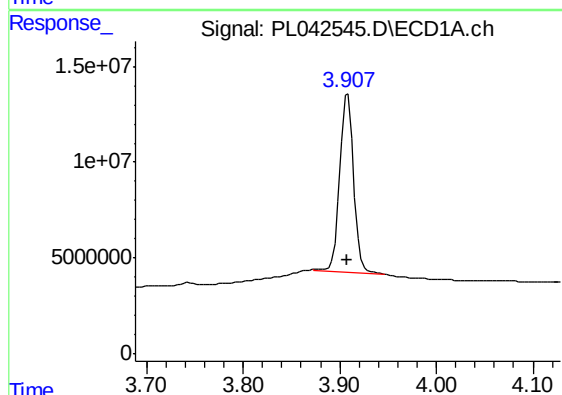
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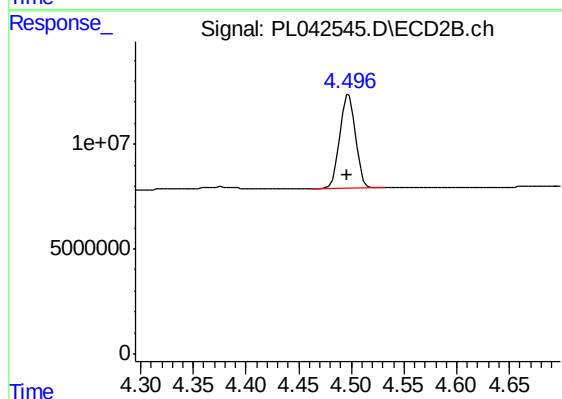
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.000 min  
Response: 64322951  
Conc: 22.36 ng/ml



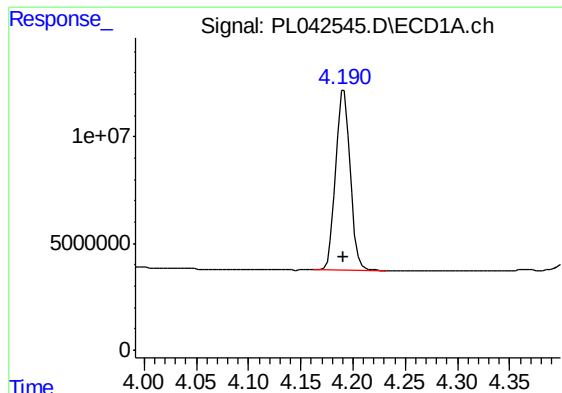
#2 alpha-BHC

R.T.: 3.908 min  
Delta R.T.: 0.000 min  
Response: 90646955  
Conc: 10.05 ng/ml



#2 alpha-BHC

R.T.: 4.498 min  
Delta R.T.: 0.001 min  
Response: 46524708  
Conc: 10.86 ng/ml



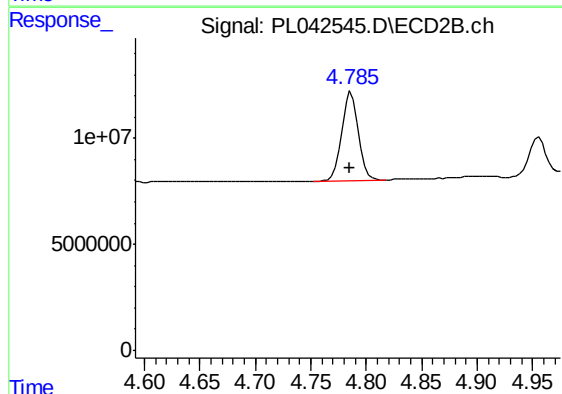
#3 gamma-BHC (Lindane)

R.T.: 4.191 min  
Delta R.T.: 0.000 min  
Response: 82529427  
Conc: 10.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

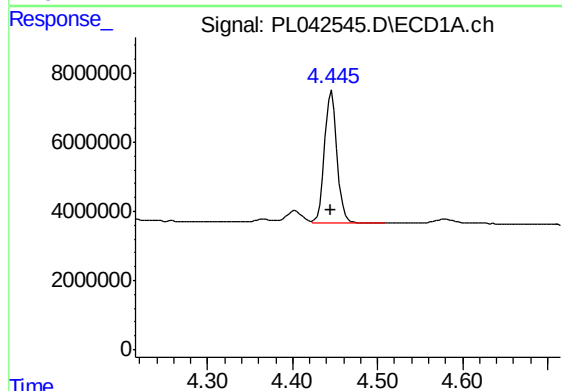
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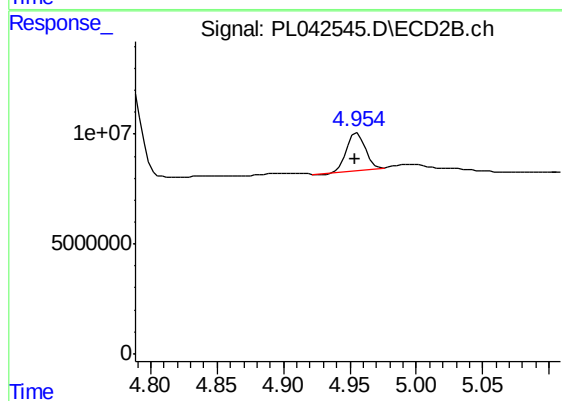
#3 gamma-BHC (Lindane)

R.T.: 4.787 min  
Delta R.T.: 0.001 min  
Response: 43899208  
Conc: 11.11 ng/ml



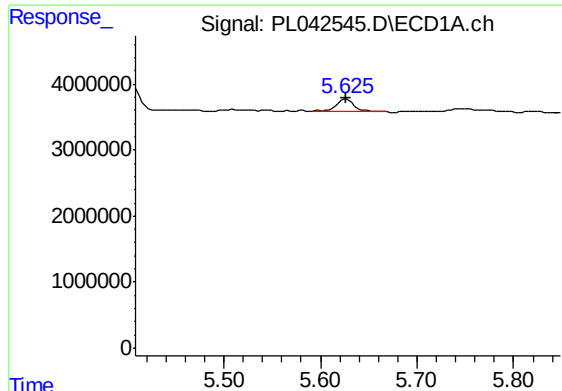
#6 beta-BHC

R.T.: 4.446 min  
Delta R.T.: 0.002 min  
Response: 38786968  
Conc: 10.95 ng/ml



#6 beta-BHC

R.T.: 4.956 min  
Delta R.T.: 0.002 min  
Response: 16285156  
Conc: 10.32 ng/ml



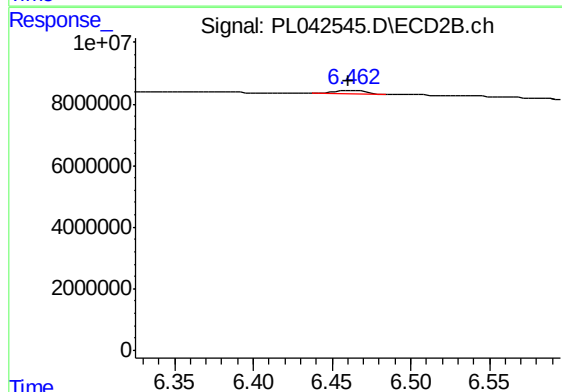
#12 4,4'-DDE

R.T.: 5.627 min  
Delta R.T.: 0.000 min  
Response: 2121850  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

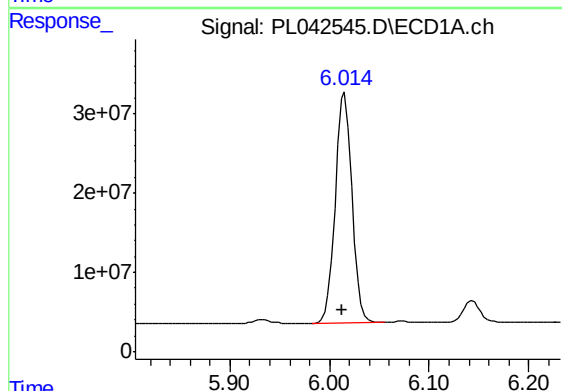
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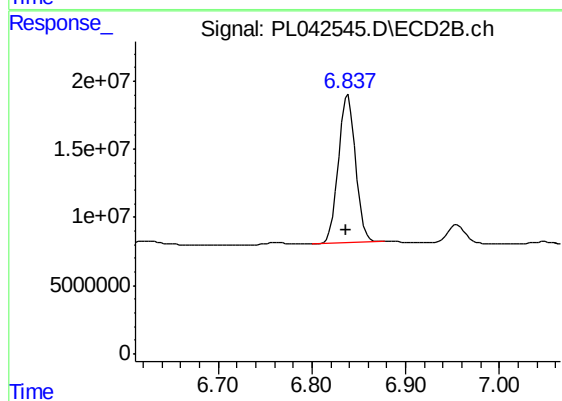
#12 4,4'-DDE

R.T.: 6.462 min  
Delta R.T.: 0.001 min  
Response: 1563559  
Conc: 0.47 ng/ml m



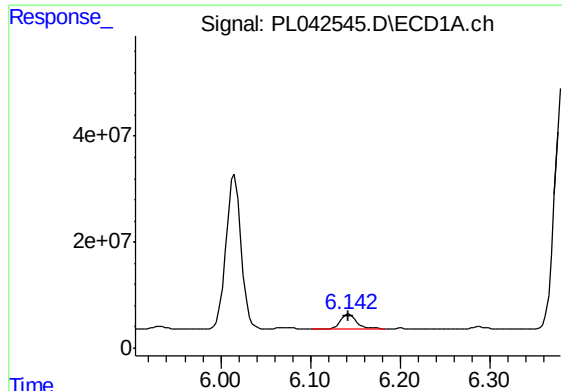
#14 Endrin

R.T.: 6.015 min  
Delta R.T.: 0.002 min  
Response: 336895572  
Conc: 51.51 ng/ml



#14 Endrin

R.T.: 6.839 min  
Delta R.T.: 0.003 min  
Response: 139186619  
Conc: 50.53 ng/ml



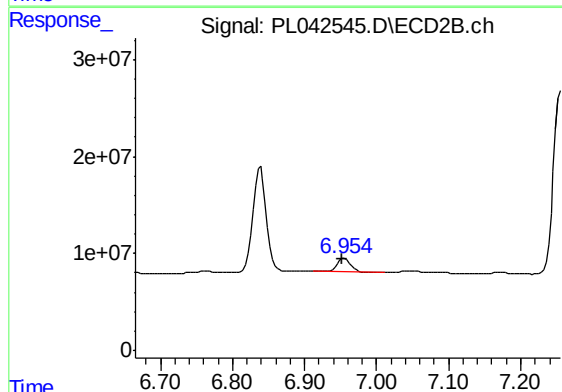
#16 4,4'-DDD

R.T.: 6.144 min  
Delta R.T.: 0.002 min  
Response: 31561687  
Conc: 5.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

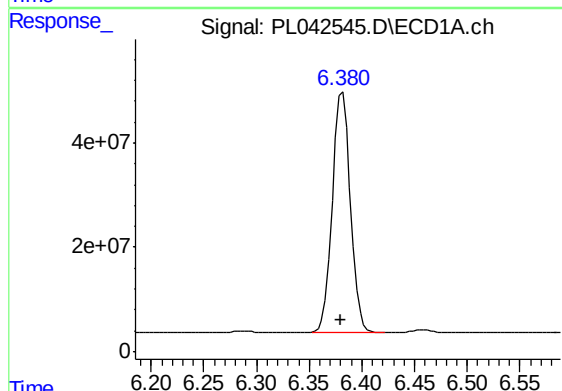
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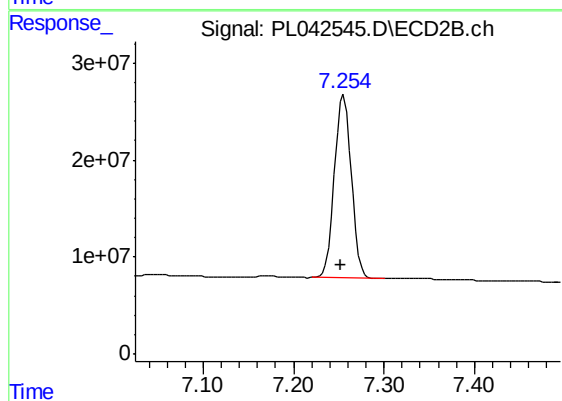
#16 4,4'-DDD

R.T.: 6.955 min  
Delta R.T.: 0.002 min  
Response: 17270980  
Conc: 6.56 ng/ml



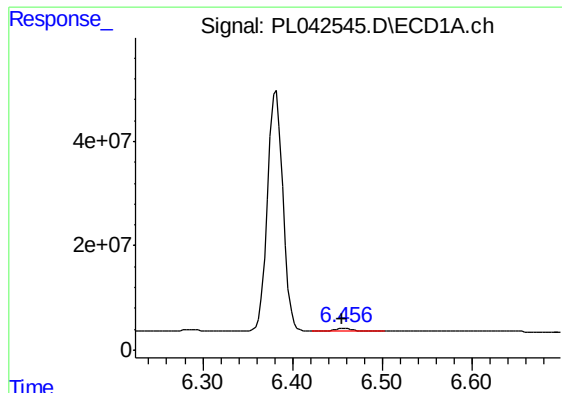
#17 4,4'-DDT

R.T.: 6.382 min  
Delta R.T.: 0.002 min  
Response: 550000589  
Conc: 98.80 ng/ml



#17 4,4'-DDT

R.T.: 7.256 min  
Delta R.T.: 0.003 min  
Response: 244974704  
Conc: 92.77 ng/ml



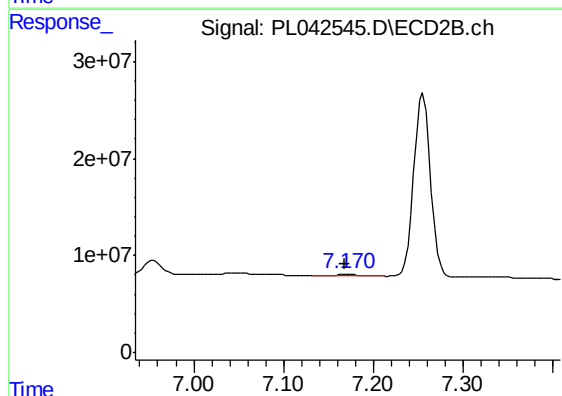
#18 Endrin aldehyde

R.T.: 6.458 min  
Delta R.T.: 0.002 min  
Response: 6490580  
Conc: 1.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

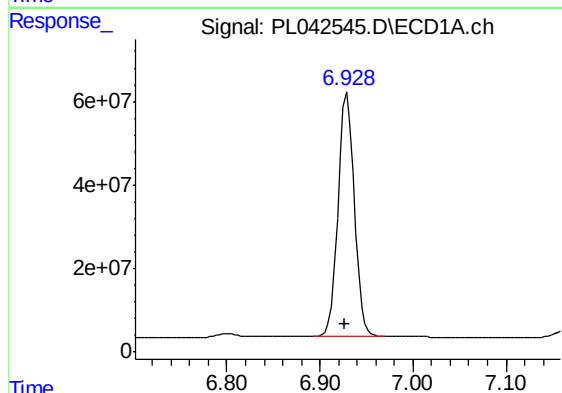
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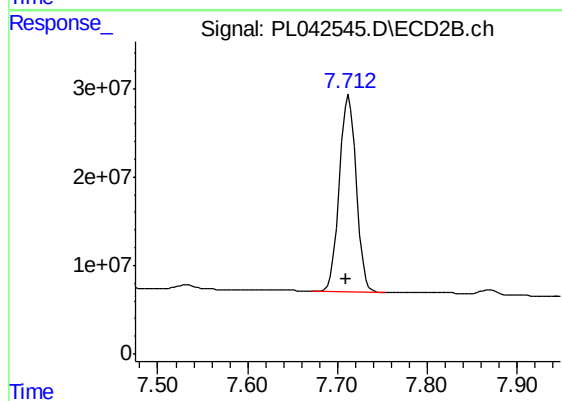
#18 Endrin aldehyde

R.T.: 7.171 min  
Delta R.T.: 0.003 min  
Response: 2414314  
Conc: 1.05 ng/ml



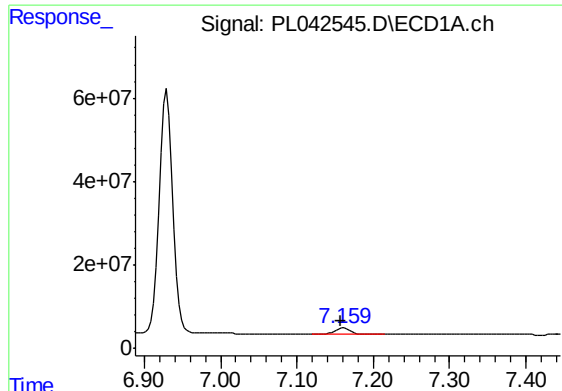
#20 Methoxychlor

R.T.: 6.929 min  
Delta R.T.: 0.003 min  
Response: 708007969  
Conc: 224.49 ng/ml



#20 Methoxychlor

R.T.: 7.713 min  
Delta R.T.: 0.004 min  
Response: 291822746  
Conc: 214.03 ng/ml



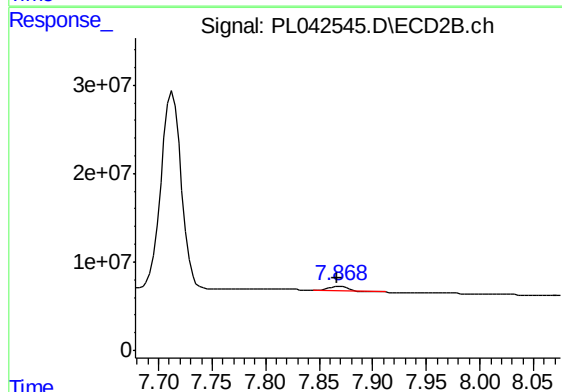
#21 Endrin ketone

R.T.: 7.160 min  
Delta R.T.: 0.002 min  
Response: 19035672  
Conc: 2.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

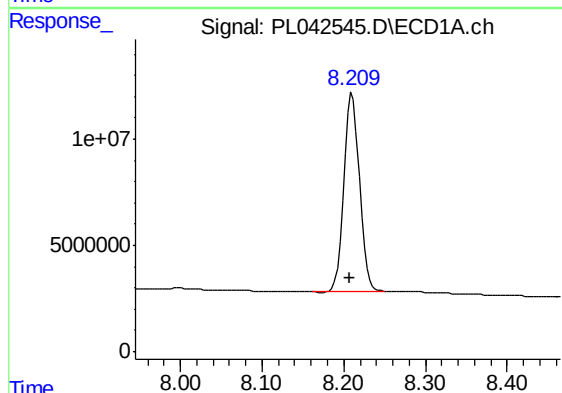
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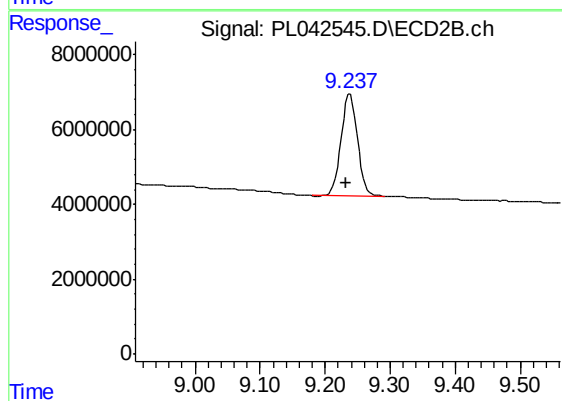
#21 Endrin ketone

R.T.: 7.869 min  
Delta R.T.: 0.002 min  
Response: 7519073  
Conc: 2.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.211 min  
Delta R.T.: 0.004 min  
Response: 124430067  
Conc: 19.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.238 min  
Delta R.T.: 0.007 min  
Response: 47874187  
Conc: 19.85 ng/ml