

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121318\  
 Data File : PL043097.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Dec 2018 18:30  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Sohil  
 12/14/2018 10:57:29 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 00:27:49 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 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... | 3.464 | 4.098 | 127.5E6  | 66607158 | 20.782  | 22.473  |
| 28)                         | SA Decachlor... | 8.198 | 9.223 | 131.5E6  | 51774434 | 20.143  | 19.848  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.903 | 4.493 | 87584286 | 48116881 | 9.265   | 10.637  |
| 3)                          | MA gamma-BHC... | 4.186 | 4.782 | 81282008 | 45802973 | 9.414   | 10.921  |
| 6)                          | B beta-BHC      | 4.440 | 4.951 | 38334623 | 18704434 | 10.393  | 11.049  |
| 12)                         | B 4,4'-DDE      | 5.616 | 6.454 | 1620025  | 1510995  | 0.234m  | 0.417m# |
| 14)                         | MA Endrin       | 6.005 | 6.831 | 319.1E6  | 147.0E6  | 44.316  | 47.091  |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.948 | 22397325 | 13702624 | 3.949   | 4.673   |
| 17)                         | MA 4,4'-DDT     | 6.372 | 7.248 | 624.6E6  | 295.4E6  | 104.999 | 100.592 |
| 18)                         | B Endrin al...  | 6.448 | 7.164 | 12262378 | 5776272  | 2.225   | 2.303   |
| 20)                         | A Methoxychlor  | 6.918 | 7.703 | 803.2E6  | 357.0E6  | 239.366 | 236.702 |
| 21)                         | B Endrin ke...  | 7.149 | 7.860 | 27719379 | 10898208 | 3.834   | 3.565   |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PL043097.D  
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Acq On : 13 Dec 2018 18:30  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

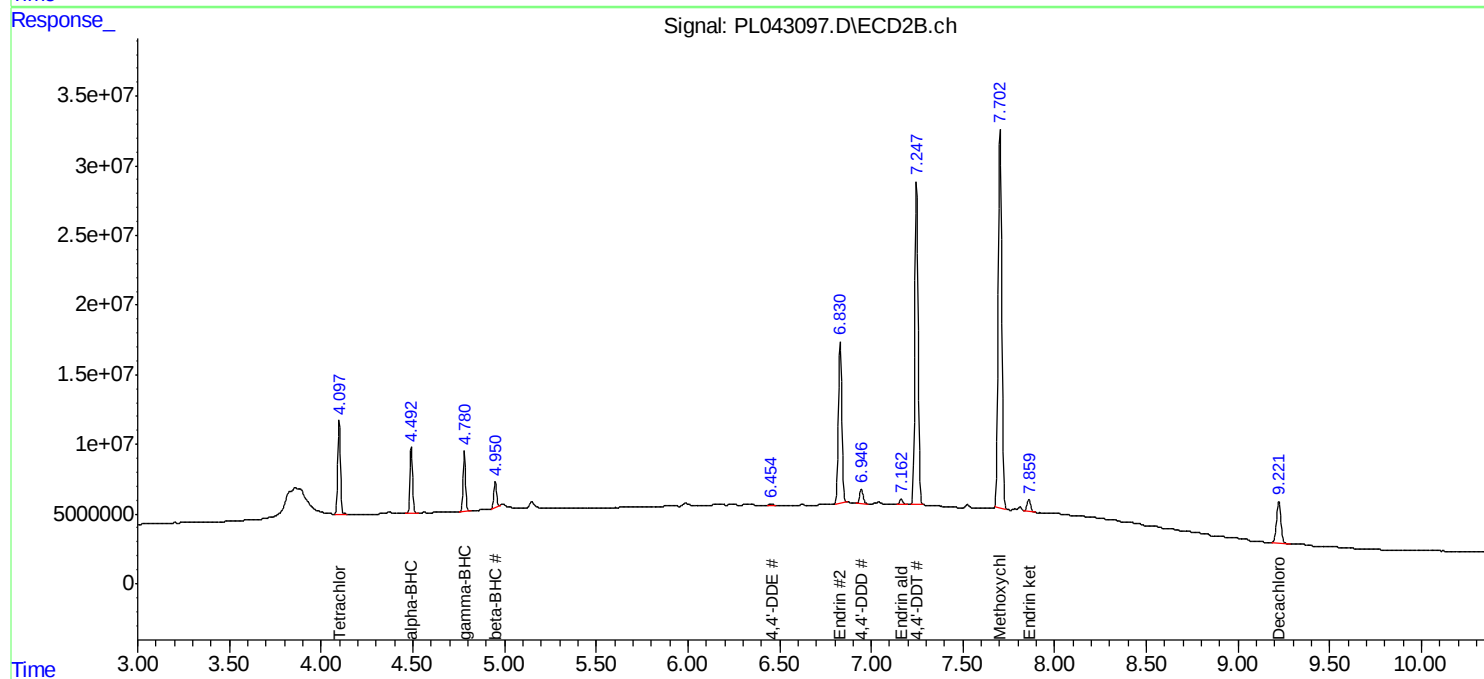
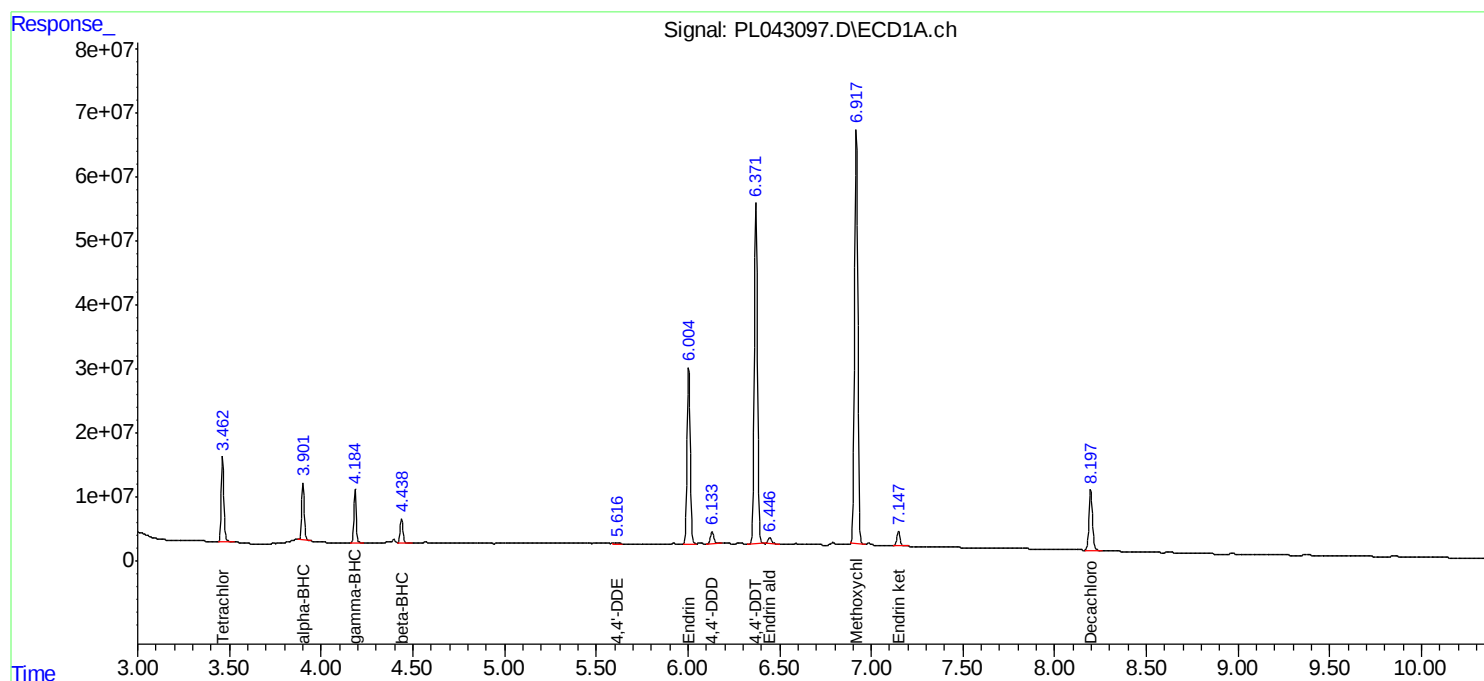
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

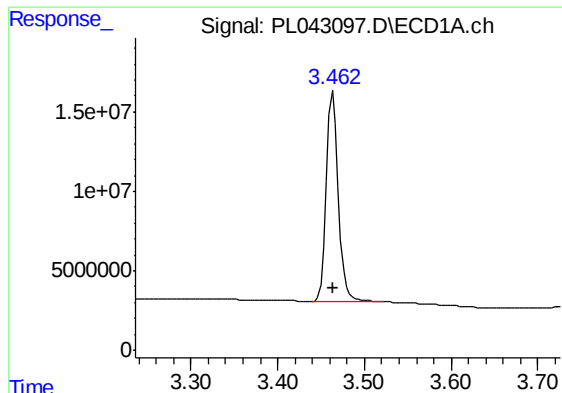
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 00:27:49 2018  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





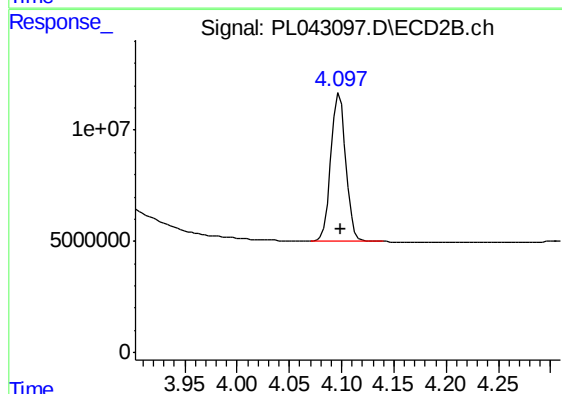
#1 Tetrachloro-m-xylene

R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 127451265  
Conc: 20.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

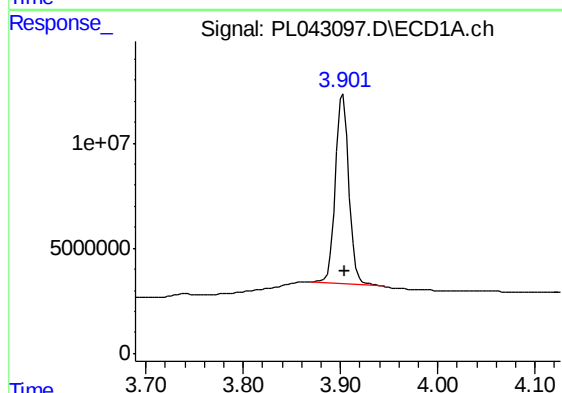
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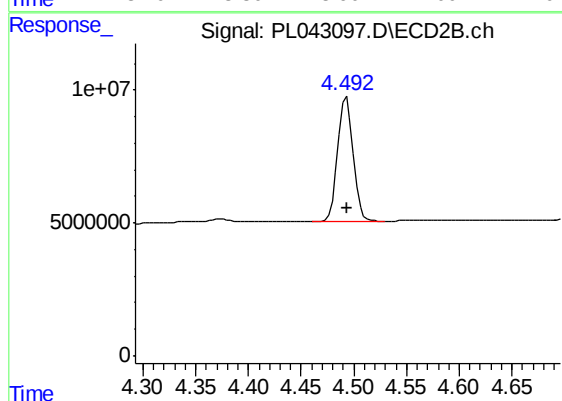
#1 Tetrachloro-m-xylene

R.T.: 4.098 min  
Delta R.T.: 0.000 min  
Response: 66607158  
Conc: 22.47 ng/ml



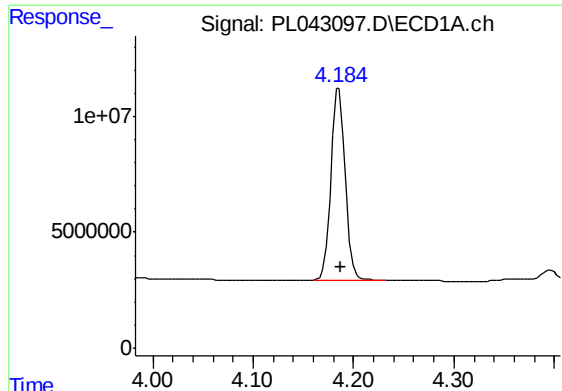
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: -0.001 min  
Response: 87584286  
Conc: 9.26 ng/ml



#2 alpha-BHC

R.T.: 4.493 min  
Delta R.T.: -0.001 min  
Response: 48116881  
Conc: 10.64 ng/ml



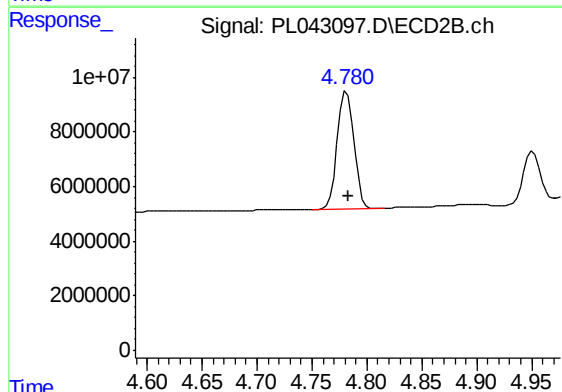
#3 gamma-BHC (Lindane)

R.T.: 4.186 min  
Delta R.T.: -0.001 min  
Response: 81282008  
Conc: 9.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

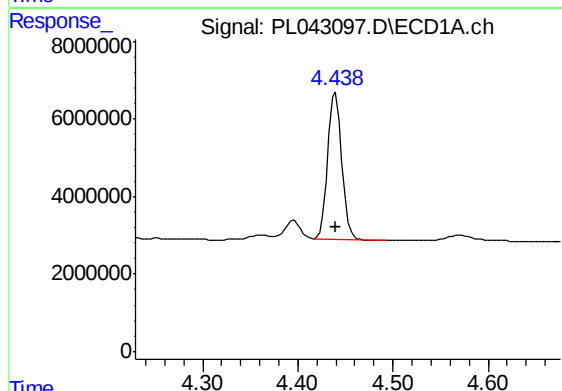
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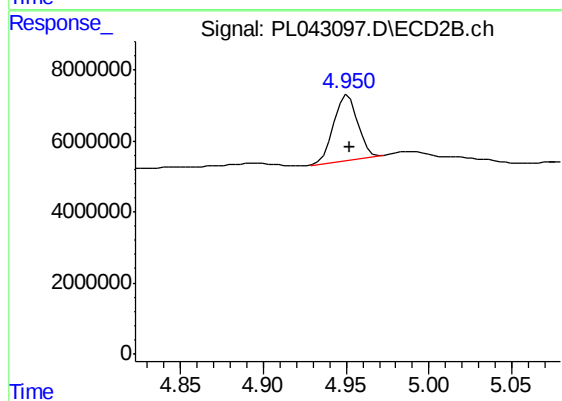
#3 gamma-BHC (Lindane)

R.T.: 4.782 min  
Delta R.T.: -0.001 min  
Response: 45802973  
Conc: 10.92 ng/ml



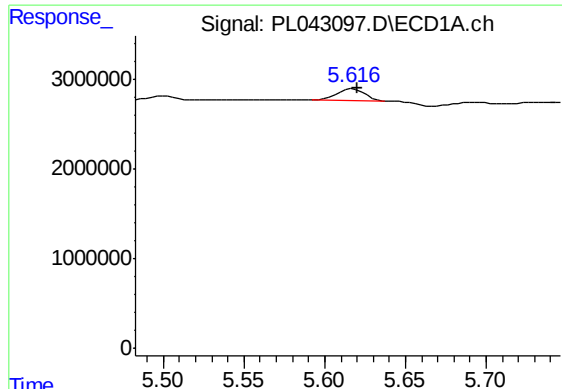
#6 beta-BHC

R.T.: 4.440 min  
Delta R.T.: 0.000 min  
Response: 38334623  
Conc: 10.39 ng/ml



#6 beta-BHC

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 18704434  
Conc: 11.05 ng/ml



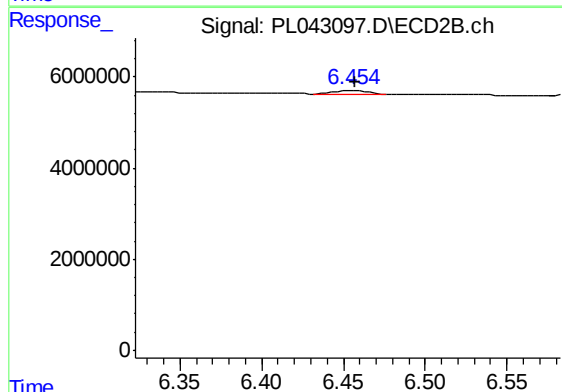
#12 4,4'-DDE

R.T.: 5.616 min  
Delta R.T.: -0.004 min  
Response: 1620025  
Conc: 0.23 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

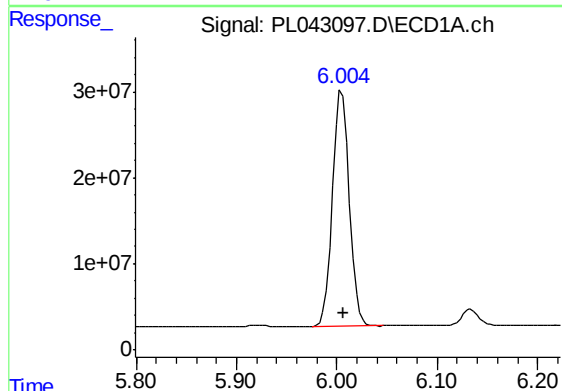
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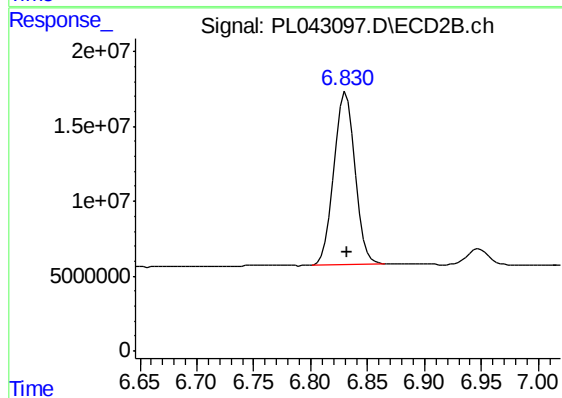
#12 4,4'-DDE

R.T.: 6.454 min  
Delta R.T.: -0.003 min  
Response: 1510995  
Conc: 0.42 ng/ml m



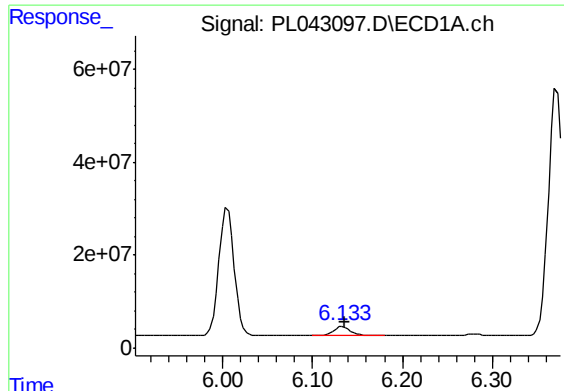
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: -0.002 min  
Response: 319098785  
Conc: 44.32 ng/ml



#14 Endrin

R.T.: 6.831 min  
Delta R.T.: -0.001 min  
Response: 147016513  
Conc: 47.09 ng/ml



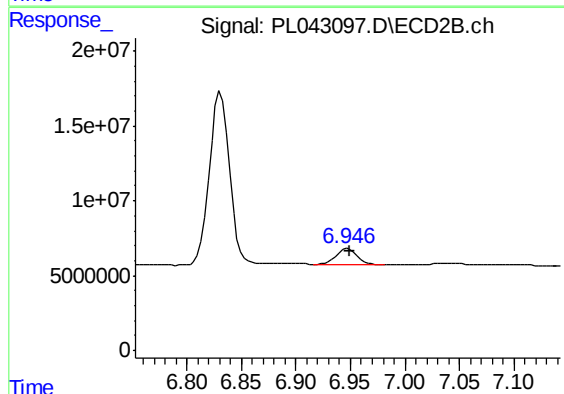
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: -0.002 min  
Response: 22397325  
Conc: 3.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

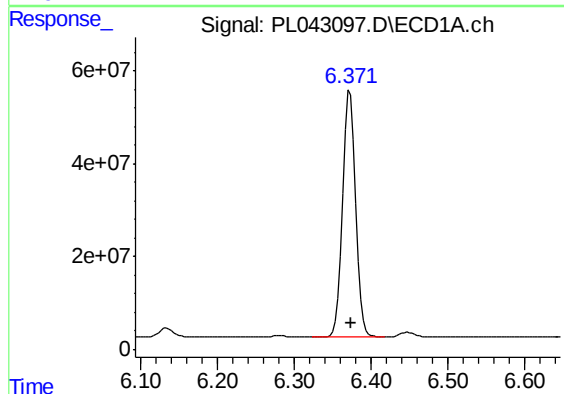
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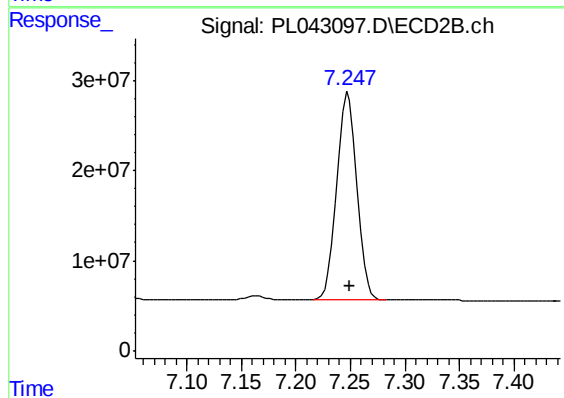
#16 4,4'-DDD

R.T.: 6.948 min  
Delta R.T.: -0.002 min  
Response: 13702624  
Conc: 4.67 ng/ml



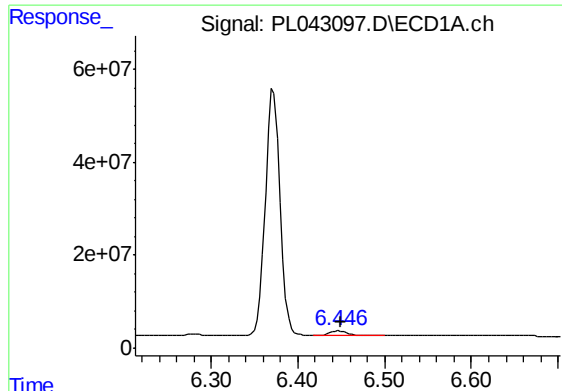
#17 4,4'-DDT

R.T.: 6.372 min  
Delta R.T.: -0.002 min  
Response: 624634292  
Conc: 105.00 ng/ml



#17 4,4'-DDT

R.T.: 7.248 min  
Delta R.T.: -0.001 min  
Response: 295442839  
Conc: 100.59 ng/ml



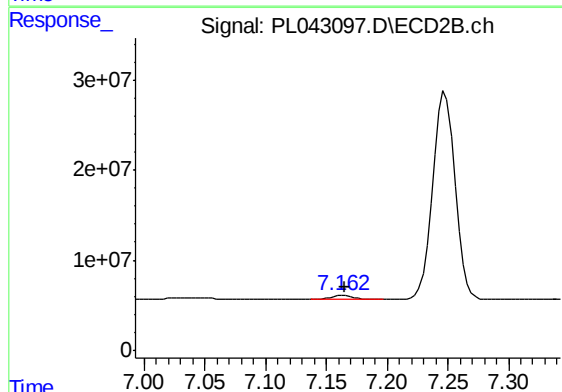
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.002 min  
Response: 12262378  
Conc: 2.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

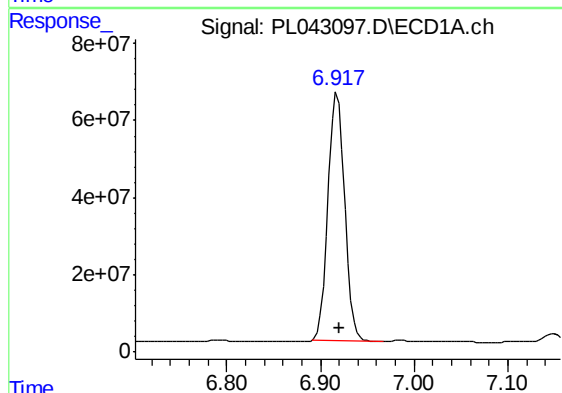
Manual Integrations  
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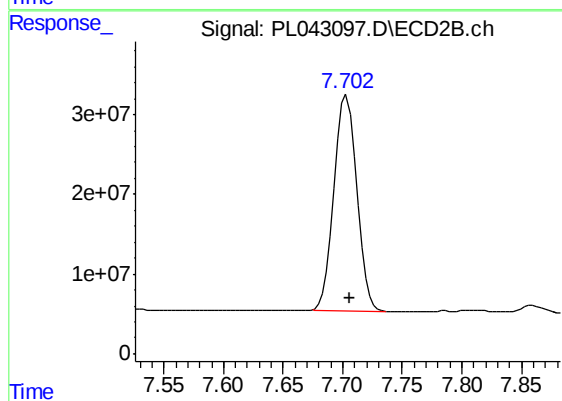
#18 Endrin aldehyde

R.T.: 7.164 min  
Delta R.T.: -0.001 min  
Response: 5776272  
Conc: 2.30 ng/ml



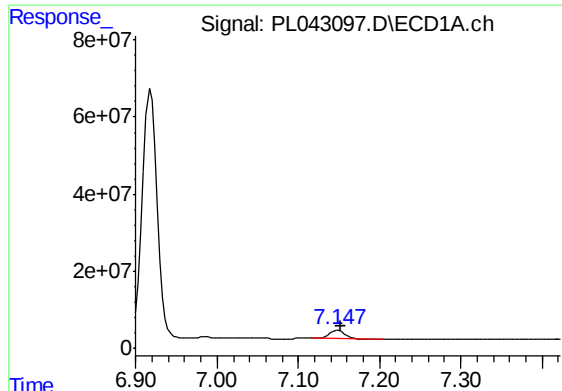
#20 Methoxychlor

R.T.: 6.918 min  
Delta R.T.: -0.002 min  
Response: 803168606  
Conc: 239.37 ng/ml



#20 Methoxychlor

R.T.: 7.703 min  
Delta R.T.: -0.002 min  
Response: 357021795  
Conc: 236.70 ng/ml



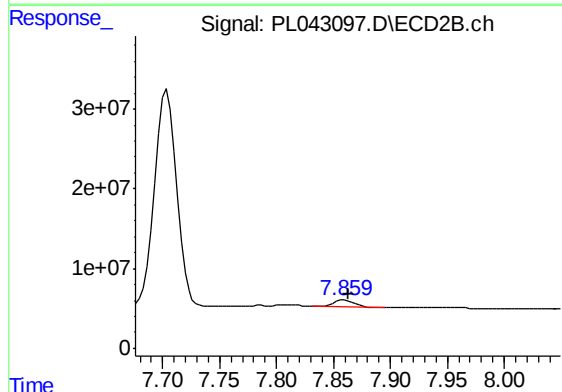
#21 Endrin ketone

R.T.: 7.149 min  
Delta R.T.: -0.004 min  
Response: 27719379  
Conc: 3.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

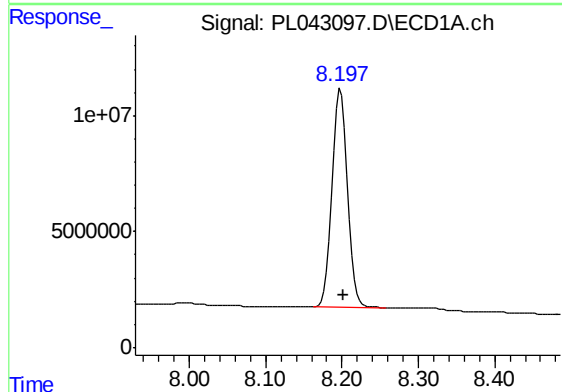
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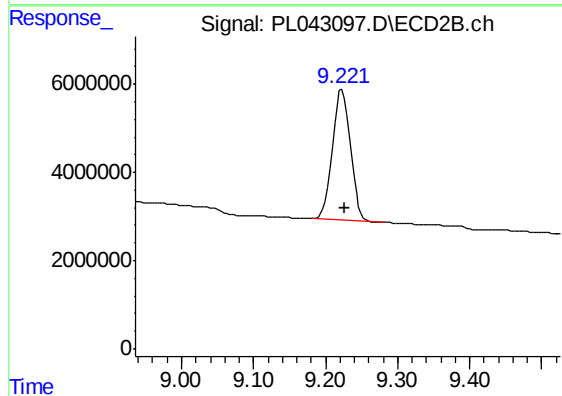
#21 Endrin ketone

R.T.: 7.860 min  
Delta R.T.: -0.003 min  
Response: 10898208  
Conc: 3.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.198 min  
Delta R.T.: -0.003 min  
Response: 131536282  
Conc: 20.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.223 min  
Delta R.T.: -0.004 min  
Response: 51774434  
Conc: 19.85 ng/ml