

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102918\  
 Data File : PL041435.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Oct 2018 13:59  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Sohil  
 10/30/2018 10:41:54 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 30 01:31:56 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102918.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 30 01:26:00 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... | 3.473 | 4.104 | 128.9E6  | 62402553 | 20.241  | 20.259  |
| 28)                         | SA Decachlor... | 8.219 | 9.238 | 137.7E6  | 52587623 | 20.796  | 20.525  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.914 | 4.500 | 88771995 | 45286982 | 9.137   | 9.873   |
| 3)                          | MA gamma-BHC... | 4.198 | 4.789 | 84359425 | 42835783 | 9.443   | 10.104  |
| 6)                          | B beta-BHC      | 4.449 | 4.957 | 38688156 | 17227188 | 10.264m | 10.031  |
| 12)                         | B 4,4'-DDE      | 5.635 | 6.464 | 1899774  | 670890   | 0.265   | 0.205m  |
| 14)                         | MA Endrin       | 6.023 | 6.840 | 379.3E6  | 138.4E6  | 51.860  | 50.922  |
| 16)                         | A 4,4'-DDD      | 6.151 | 6.954 | 3948765  | 1541553  | 0.680m  | 0.619m  |
| 17)                         | MA 4,4'-DDT     | 6.390 | 7.257 | 682.1E6  | 267.3E6  | 112.122 | 106.317 |
| 18)                         | B Endrin al...  | 6.463 | 7.178 | 1943033  | 221068   | 0.353m  | 0.101m# |
| 20)                         | A Methoxychlor  | 6.938 | 7.713 | 896.3E6  | 335.7E6  | 266.635 | 259.129 |
| 21)                         | B Endrin ke...  | 7.167 | 7.868 | 3665232  | 1266715  | 0.508m  | 0.481m  |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PL041435.D  
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Acq On : 29 Oct 2018 13:59  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

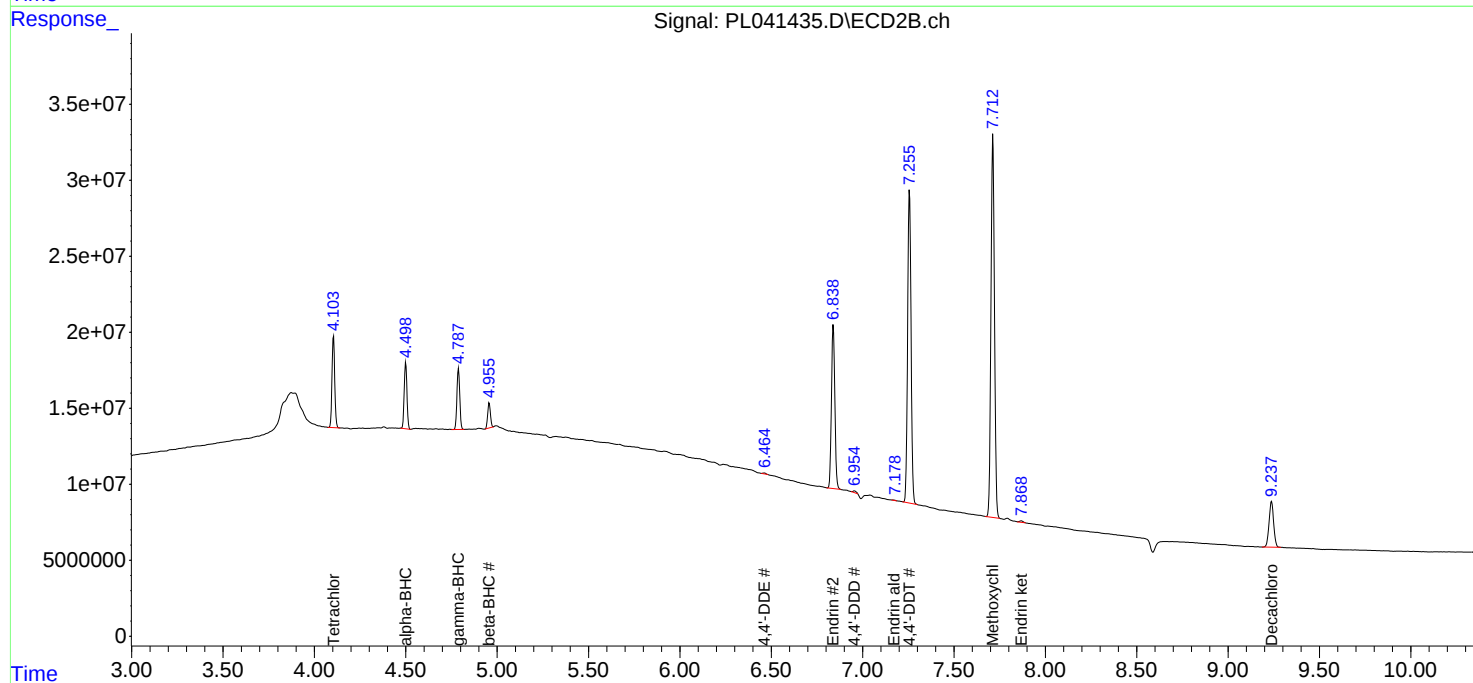
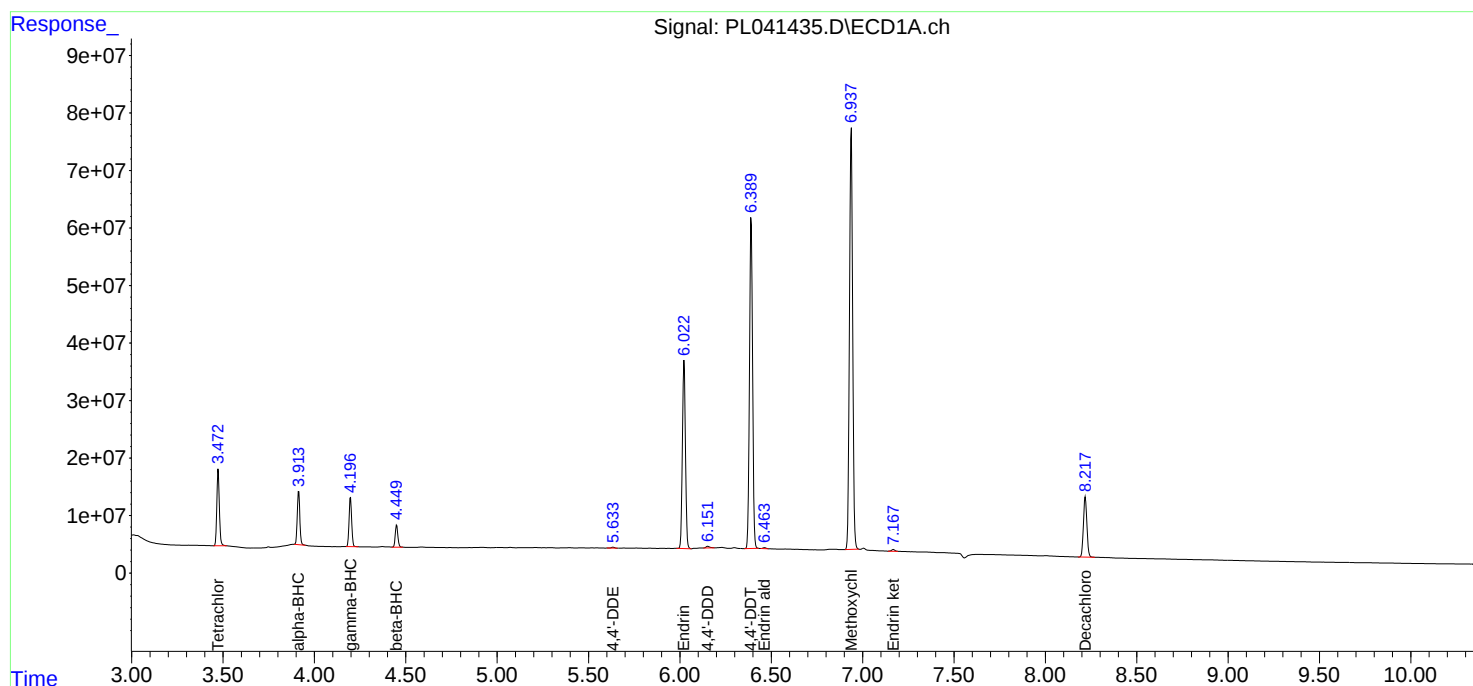
Instrument :  
ECD\_L  
ClientSampled :  
PEM

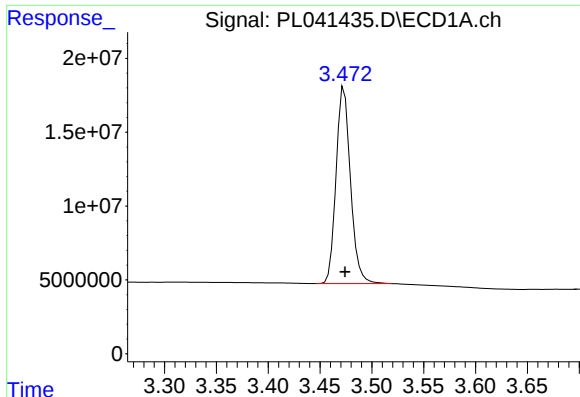
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 01:31:56 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102918.M  
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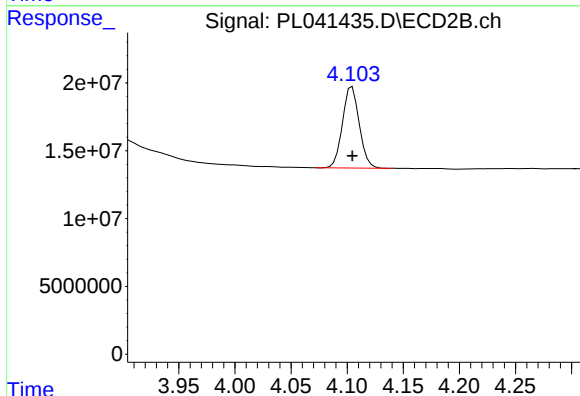
#1 Tetrachloro-m-xylene

R.T.: 3.473 min  
Delta R.T.: 0.000 min  
Response: 128936748  
Conc: 20.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

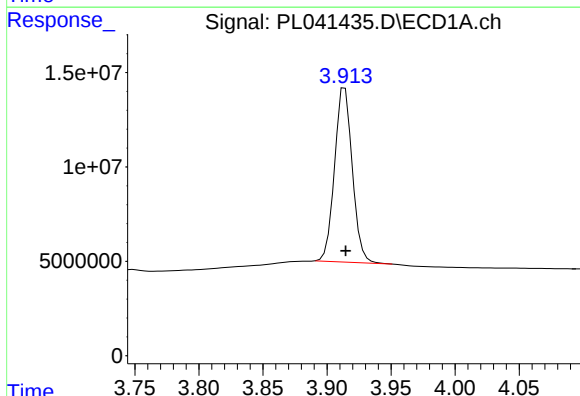
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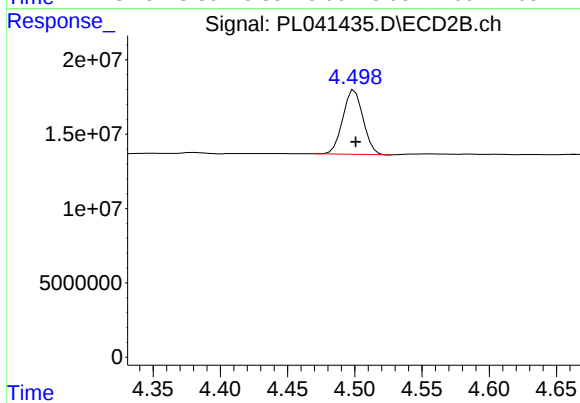
#1 Tetrachloro-m-xylene

R.T.: 4.104 min  
Delta R.T.: 0.000 min  
Response: 62402553  
Conc: 20.26 ng/ml



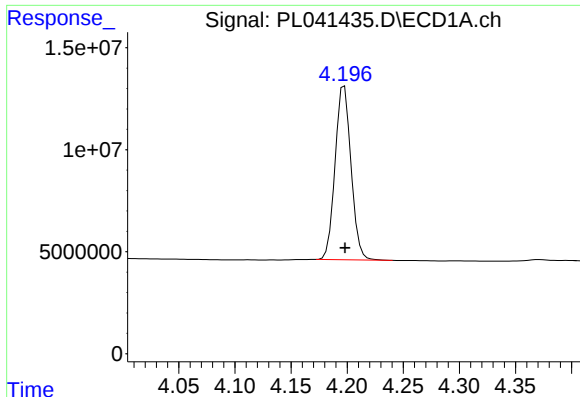
#2 alpha-BHC

R.T.: 3.914 min  
Delta R.T.: 0.000 min  
Response: 88771995  
Conc: 9.14 ng/ml



#2 alpha-BHC

R.T.: 4.500 min  
Delta R.T.: 0.000 min  
Response: 45286982  
Conc: 9.87 ng/ml



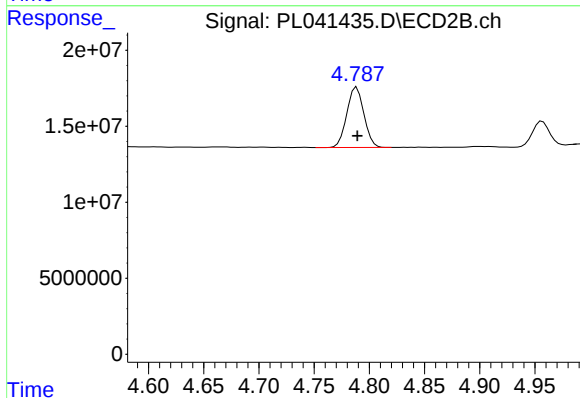
#3 gamma-BHC (Lindane)

R.T.: 4.198 min  
Delta R.T.: 0.000 min  
Response: 84359425  
Conc: 9.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

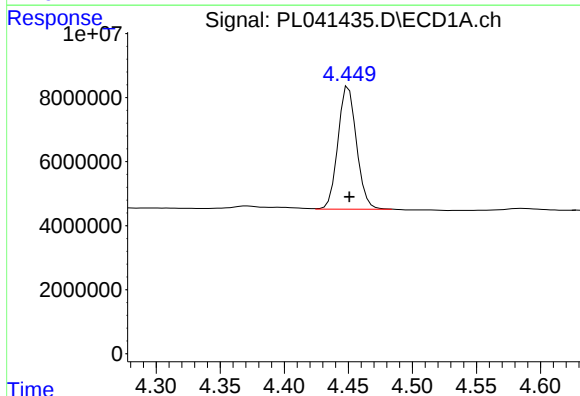
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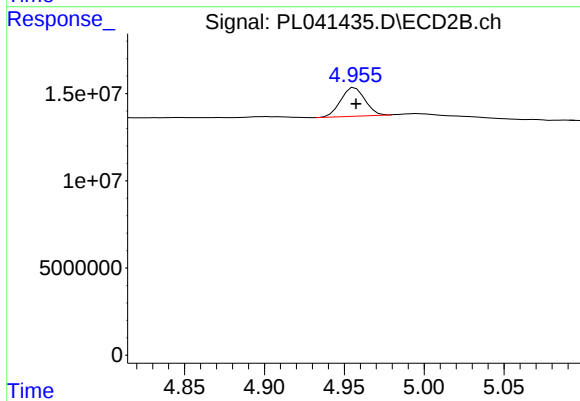
#3 gamma-BHC (Lindane)

R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 42835783  
Conc: 10.10 ng/ml



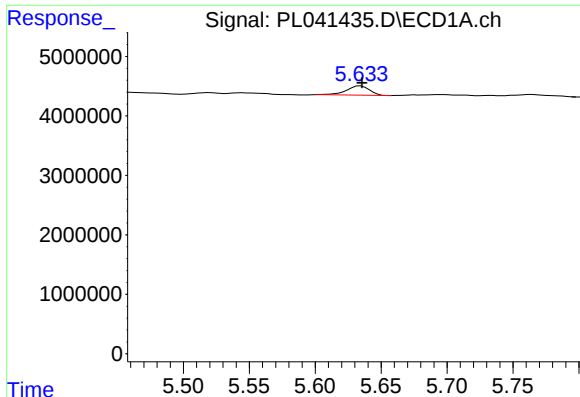
#6 beta-BHC

R.T.: 4.449 min  
Delta R.T.: -0.002 min  
Response: 38688156  
Conc: 10.26 ng/ml m



#6 beta-BHC

R.T.: 4.957 min  
Delta R.T.: 0.000 min  
Response: 17227188  
Conc: 10.03 ng/ml



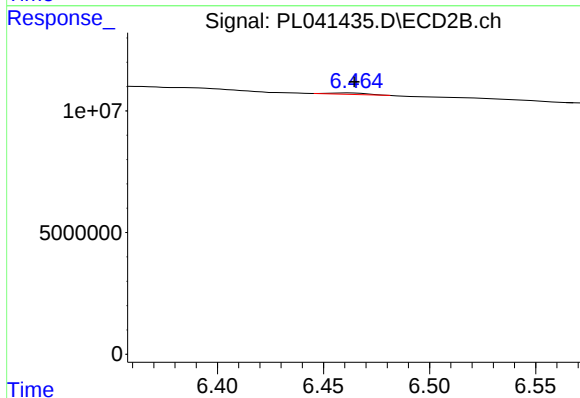
#12 4,4'-DDE

R.T.: 5.635 min  
Delta R.T.: -0.001 min  
Response: 1899774  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Manual Integrations  
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#12 4,4'-DDE

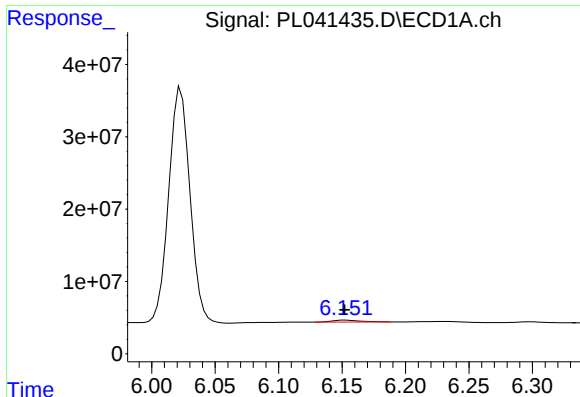
R.T.: 6.464 min  
Delta R.T.: 0.000 min  
Response: 670890  
Conc: 0.21 ng/ml m

#14 Endrin

R.T.: 6.023 min  
Delta R.T.: 0.000 min  
Response: 379313528  
Conc: 51.86 ng/ml

#14 Endrin

R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 138433150  
Conc: 50.92 ng/ml



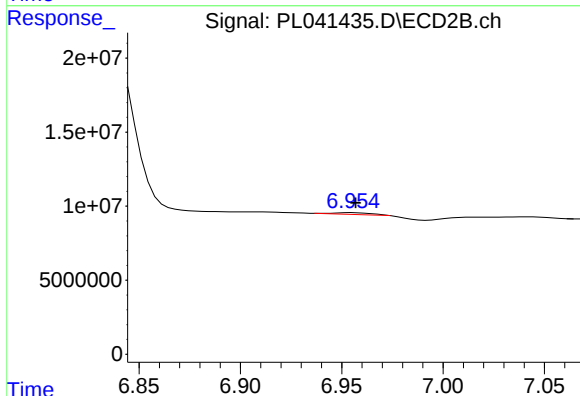
#16 4,4'-DDD

R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 3948765  
Conc: 0.68 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

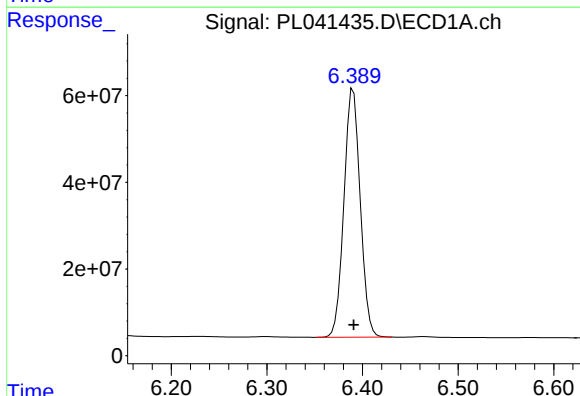
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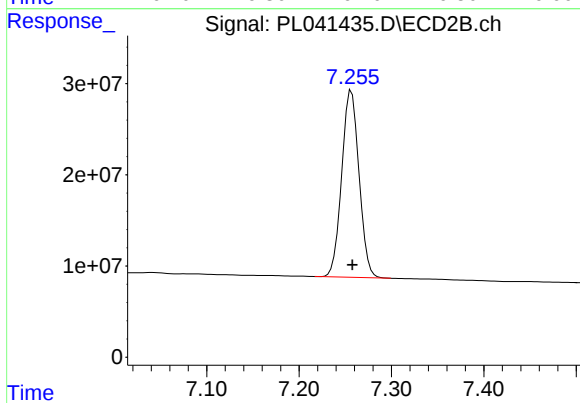
#16 4,4'-DDD

R.T.: 6.954 min  
Delta R.T.: -0.003 min  
Response: 1541553  
Conc: 0.62 ng/ml m



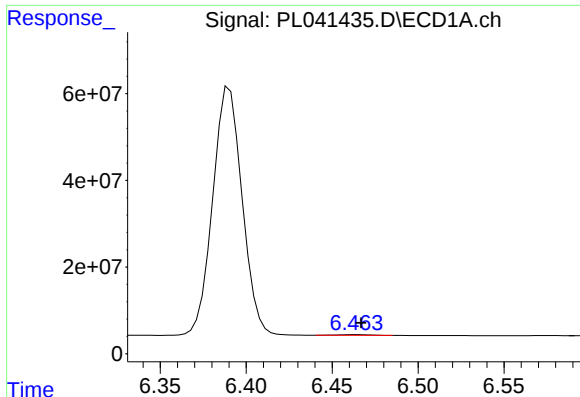
#17 4,4'-DDT

R.T.: 6.390 min  
Delta R.T.: 0.000 min  
Response: 682121581  
Conc: 112.12 ng/ml



#17 4,4'-DDT

R.T.: 7.257 min  
Delta R.T.: 0.000 min  
Response: 267282286  
Conc: 106.32 ng/ml



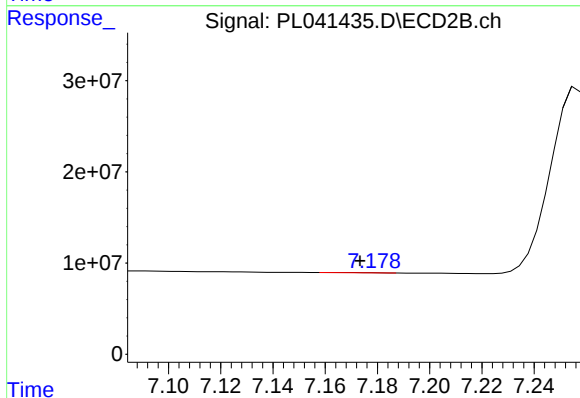
#18 Endrin aldehyde

R.T.: 6.463 min  
Delta R.T.: -0.004 min  
Response: 1943033  
Conc: 0.35 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

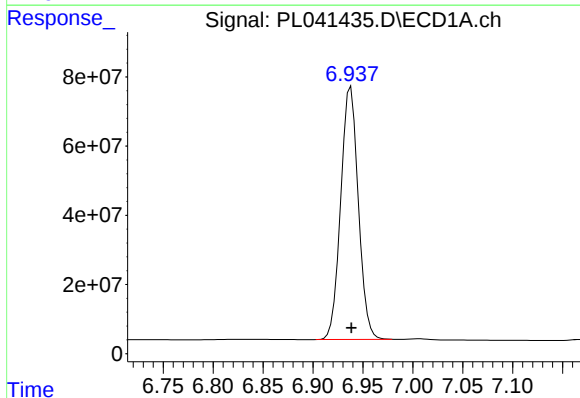
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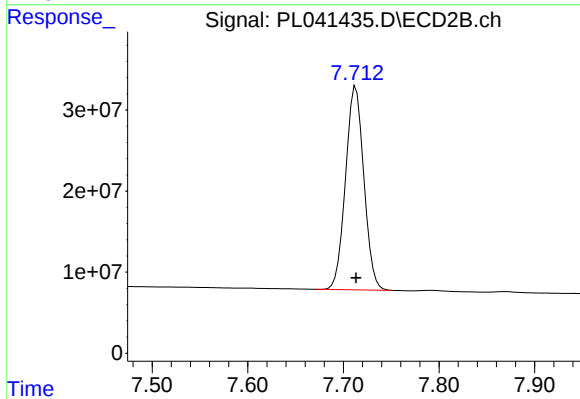
#18 Endrin aldehyde

R.T.: 7.178 min  
Delta R.T.: 0.004 min  
Response: 221068  
Conc: 0.10 ng/ml m



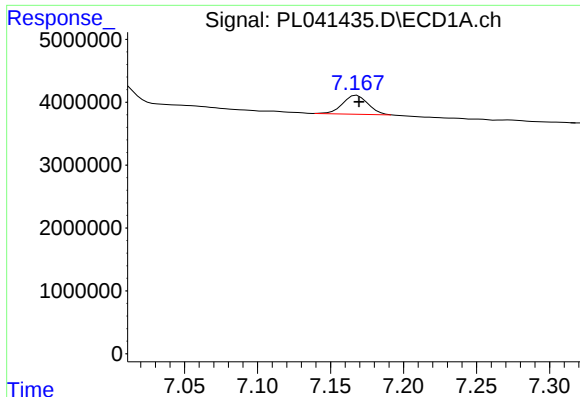
#20 Methoxychlor

R.T.: 6.938 min  
Delta R.T.: 0.000 min  
Response: 896295466  
Conc: 266.63 ng/ml



#20 Methoxychlor

R.T.: 7.713 min  
Delta R.T.: 0.000 min  
Response: 335703759  
Conc: 259.13 ng/ml



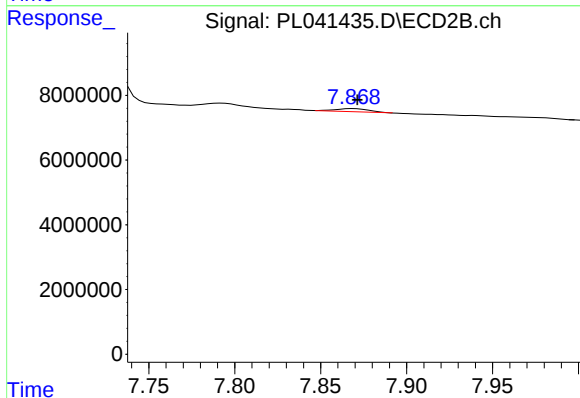
#21 Endrin ketone

R.T.: 7.167 min  
Delta R.T.: -0.003 min  
Response: 3665232  
Conc: 0.51 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

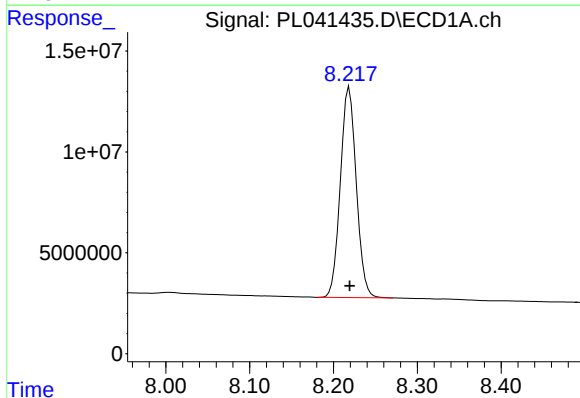
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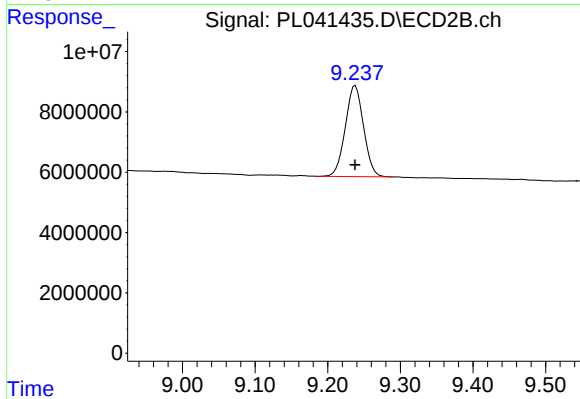
#21 Endrin ketone

R.T.: 7.868 min  
Delta R.T.: -0.004 min  
Response: 1266715  
Conc: 0.48 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.219 min  
Delta R.T.: 0.000 min  
Response: 137749525  
Conc: 20.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.238 min  
Delta R.T.: 0.000 min  
Response: 52587623  
Conc: 20.52 ng/ml