

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061121\  
 Data File : PL067283.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jun 2021 09:21  
 Operator : AR\AJ  
 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: Jun 12 04:27:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 11 02:00:12 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... | 4.482  | 5.533  | 11580032 | 18194345 | 21.063  | 19.300  |
| 28)                         | SA Decachlor... | 10.226 | 11.434 | 14336925 | 20577604 | 20.230  | 20.659  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.181  | 6.113  | 7354489  | 10507927 | 9.999   | 8.498   |
| 3)                          | MA gamma-BHC... | 5.601  | 6.508  | 7245715  | 10259393 | 9.668   | 8.702   |
| 6)                          | B beta-BHC      | 5.985  | 6.763  | 4440161  | 5441956  | 12.409  | 10.022  |
| 12)                         | B 4,4'-DDE      | 7.472  | 8.530  | 197659   | 182686   | 0.297m  | 0.202m# |
| 14)                         | MA Endrin       | 7.879  | 8.926  | 30797500 | 34113085 | 46.972  | 44.598  |
| 16)                         | A 4,4'-DDD      | 8.055  | 9.071  | 3308307  | 3565273  | 5.691   | 5.013   |
| 17)                         | MA 4,4'-DDT     | 8.316  | 9.388  | 56392535 | 65868121 | 96.914  | 89.843  |
| 18)                         | B Endrin al...  | 8.378  | 9.295  | 1039529  | 818711   | 2.053   | 1.282 # |
| 20)                         | A Methoxychlor  | 8.909  | 9.875  | 75471289 | 87969793 | 212.314 | 226.258 |
| 21)                         | B Endrin ke...  | 9.118  | 10.029 | 2695126  | 2618081  | 3.540   | 2.889   |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061121\  
Data File : PL067283.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jun 2021 09:21  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

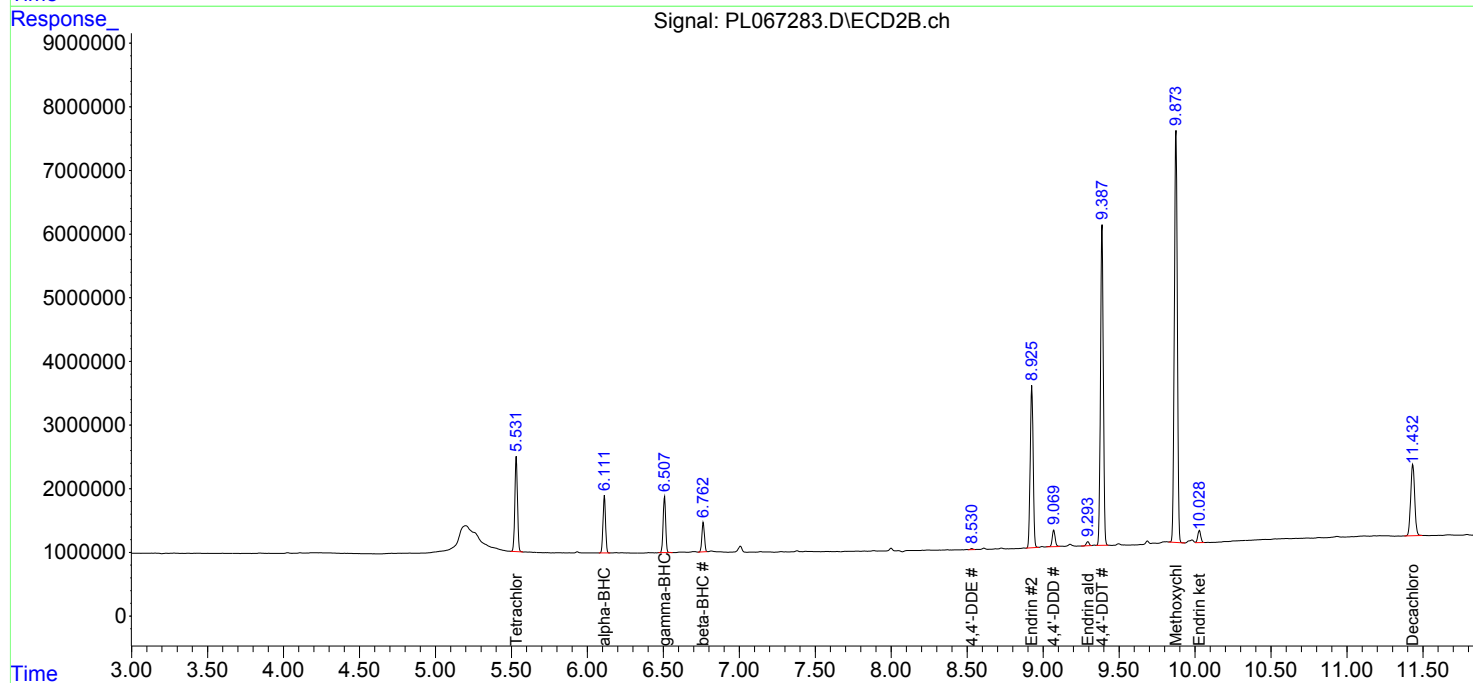
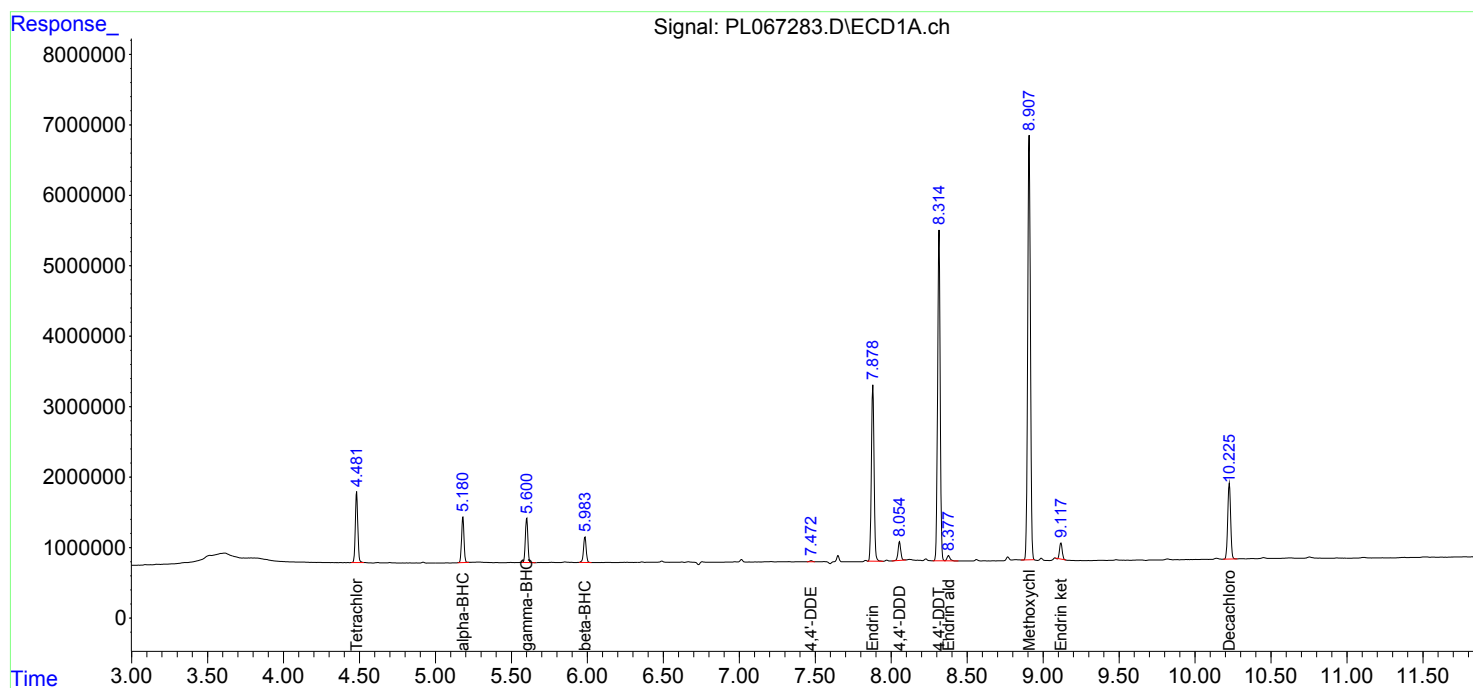
Instrument :  
ECD\_L  
ClientSampled :  
PEM

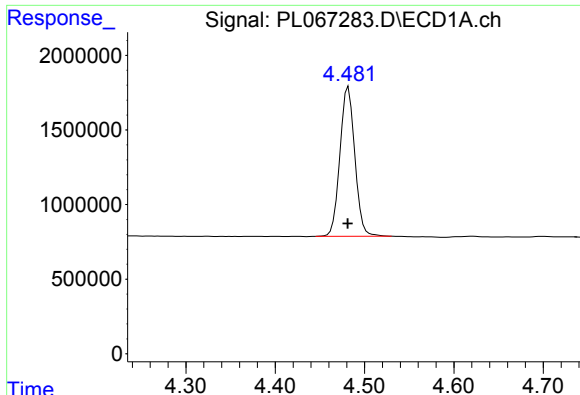
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 12 04:27:19 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 11 02:00:12 2021  
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





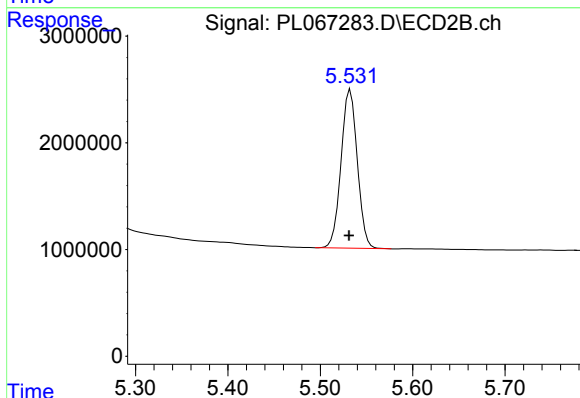
#1 Tetrachloro-m-xylene

R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 11580032  
Conc: 21.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

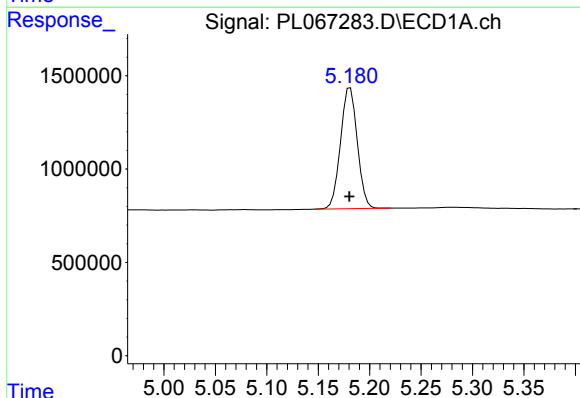
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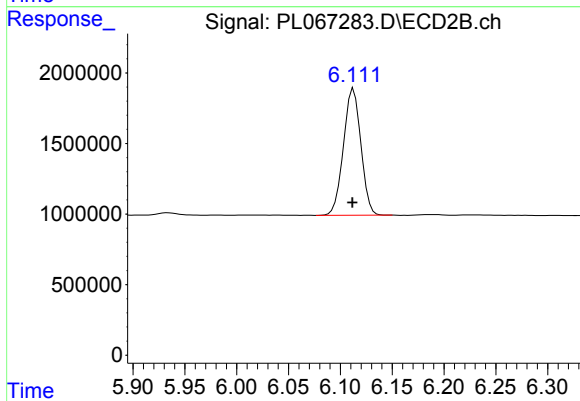
#1 Tetrachloro-m-xylene

R.T.: 5.533 min  
Delta R.T.: 0.002 min  
Response: 18194345  
Conc: 19.30 ng/ml



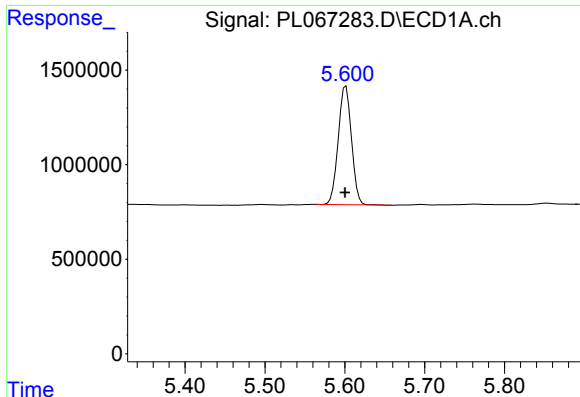
#2 alpha-BHC

R.T.: 5.181 min  
Delta R.T.: 0.000 min  
Response: 7354489  
Conc: 10.00 ng/ml



#2 alpha-BHC

R.T.: 6.113 min  
Delta R.T.: 0.001 min  
Response: 10507927  
Conc: 8.50 ng/ml



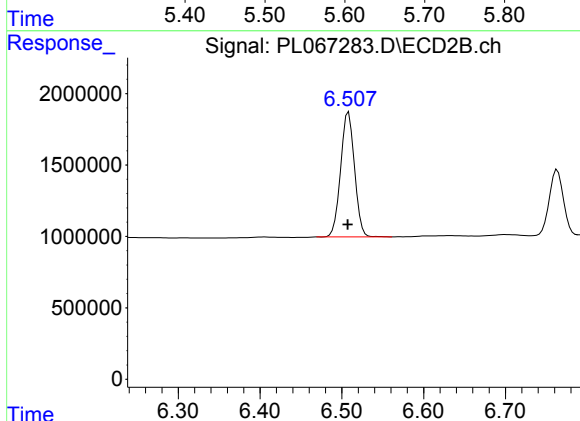
#3 gamma-BHC (Lindane)

R.T.: 5.601 min  
Delta R.T.: 0.001 min  
Response: 7245715  
Conc: 9.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

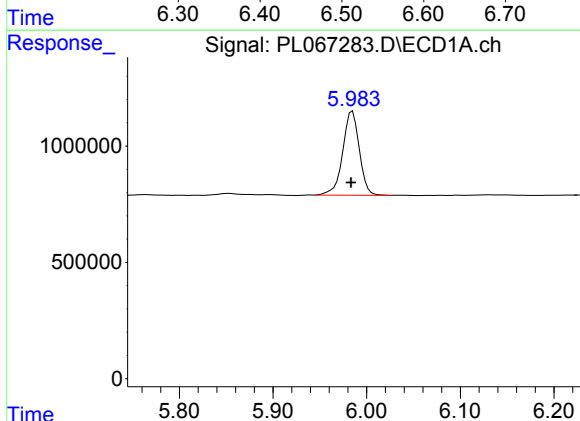
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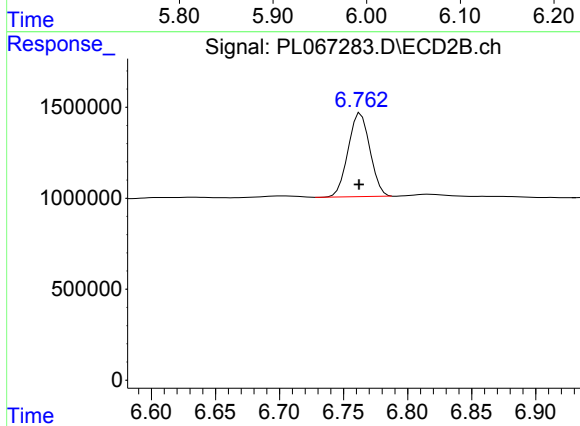
#3 gamma-BHC (Lindane)

R.T.: 6.508 min  
Delta R.T.: 0.001 min  
Response: 10259393  
Conc: 8.70 ng/ml



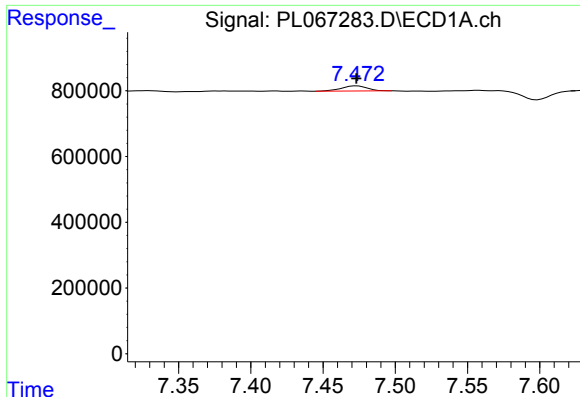
#6 beta-BHC

R.T.: 5.985 min  
Delta R.T.: 0.001 min  
Response: 4440161  
Conc: 12.41 ng/ml



#6 beta-BHC

R.T.: 6.763 min  
Delta R.T.: 0.001 min  
Response: 5441956  
Conc: 10.02 ng/ml



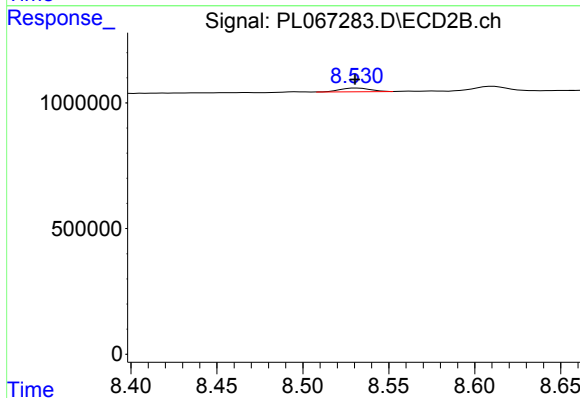
#12 4,4'-DDE

R.T.: 7.472 min  
Delta R.T.: 0.000 min  
Response: 197659  
Conc: 0.30 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

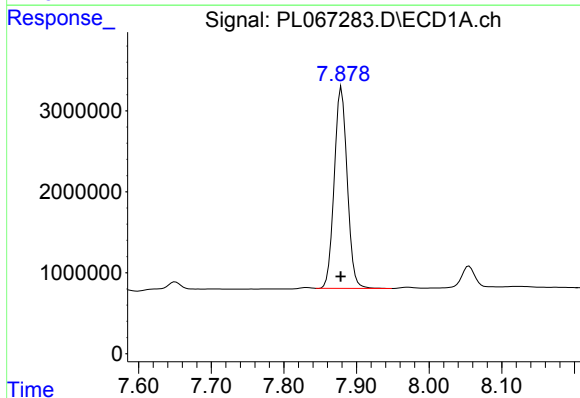
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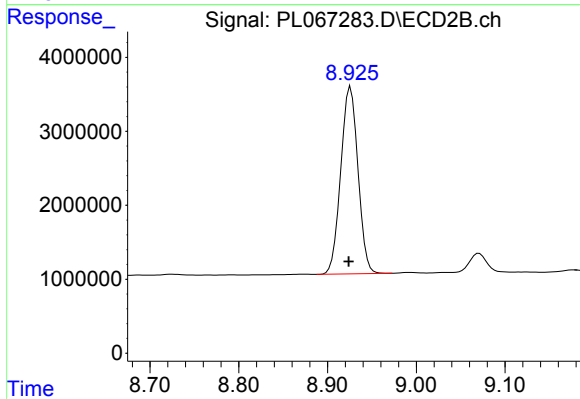
#12 4,4'-DDE

R.T.: 8.530 min  
Delta R.T.: 0.000 min  
Response: 182686  
Conc: 0.20 ng/ml m



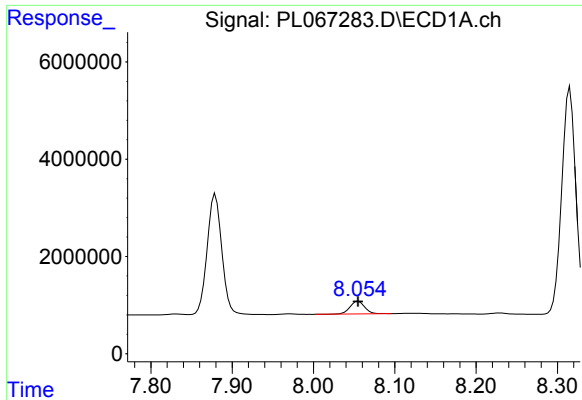
#14 Endrin

R.T.: 7.879 min  
Delta R.T.: 0.001 min  
Response: 30797500  
Conc: 46.97 ng/ml



#14 Endrin

R.T.: 8.926 min  
Delta R.T.: 0.002 min  
Response: 34113085  
Conc: 44.60 ng/ml



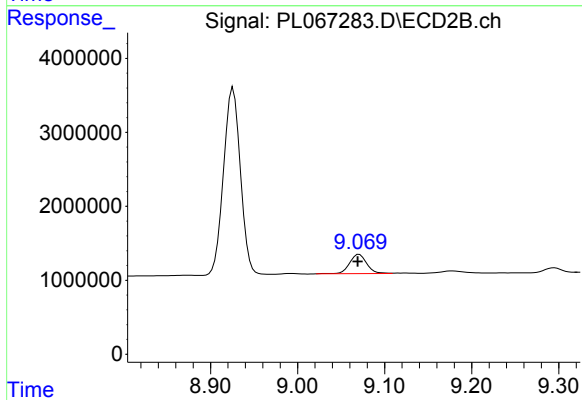
#16 4,4'-DDD

R.T.: 8.055 min  
Delta R.T.: 0.000 min  
Response: 3308307  
Conc: 5.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

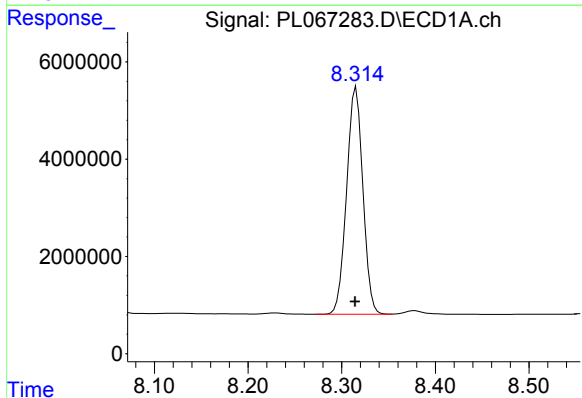
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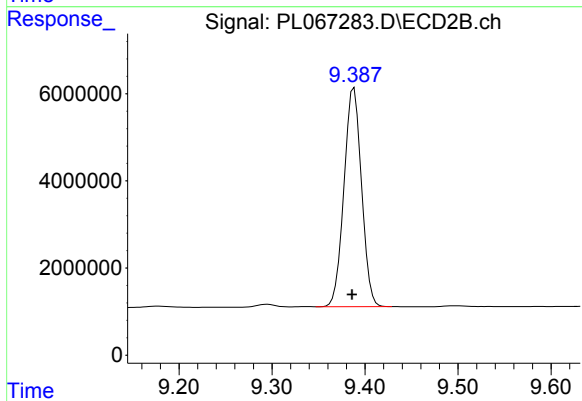
#16 4,4'-DDD

R.T.: 9.071 min  
Delta R.T.: 0.001 min  
Response: 3565273  
Conc: 5.01 ng/ml



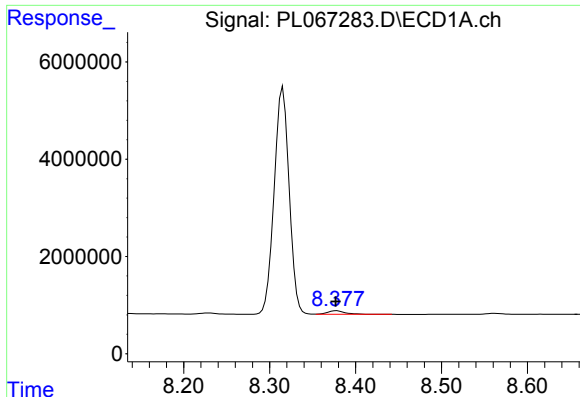
#17 4,4'-DDT

R.T.: 8.316 min  
Delta R.T.: 0.001 min  
Response: 56392535  
Conc: 96.91 ng/ml



#17 4,4'-DDT

R.T.: 9.388 min  
Delta R.T.: 0.002 min  
Response: 65868121  
Conc: 89.84 ng/ml



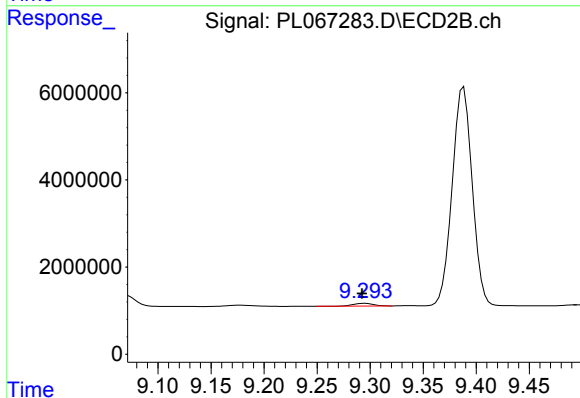
#18 Endrin aldehyde

R.T.: 8.378 min  
Delta R.T.: 0.000 min  
Response: 1039529  
Conc: 2.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

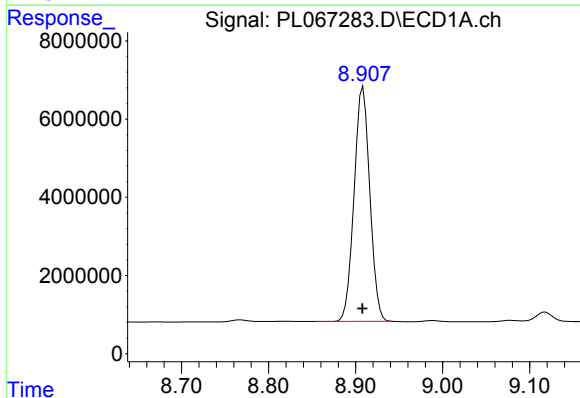
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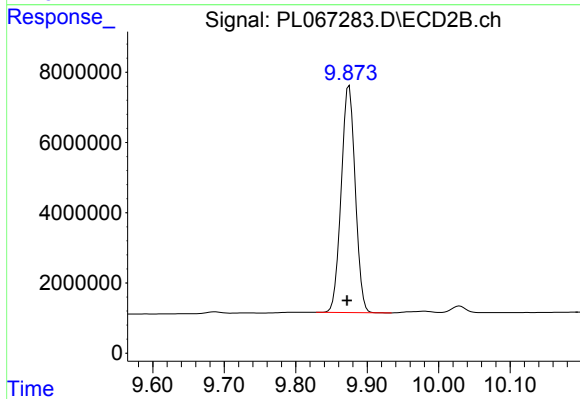
#18 Endrin aldehyde

R.T.: 9.295 min  
Delta R.T.: 0.002 min  
Response: 818711  
Conc: 1.28 ng/ml



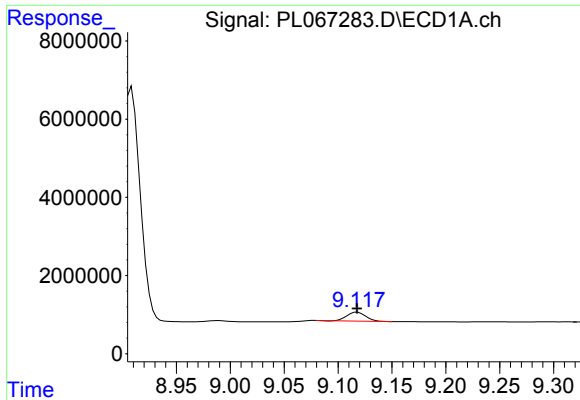
#20 Methoxychlor

R.T.: 8.909 min  
Delta R.T.: 0.000 min  
Response: 75471289  
Conc: 212.31 ng/ml



#20 Methoxychlor

R.T.: 9.875 min  
Delta R.T.: 0.003 min  
Response: 87969793  
Conc: 226.26 ng/ml



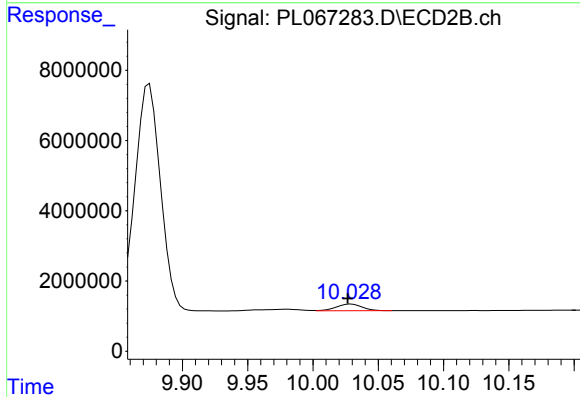
#21 Endrin ketone

R.T.: 9.118 min  
Delta R.T.: 0.000 min  
Response: 2695126  
Conc: 3.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

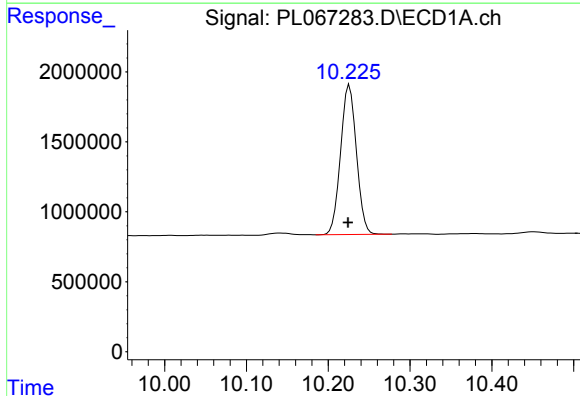
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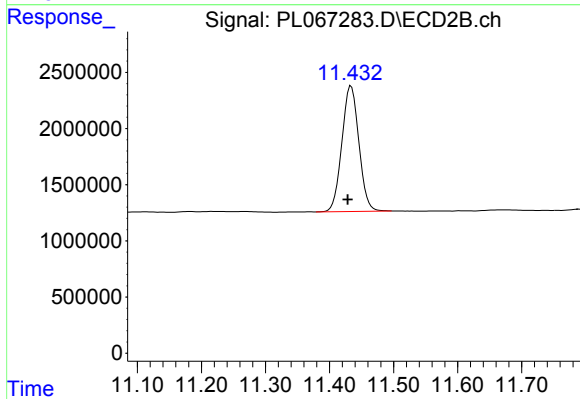
#21 Endrin ketone

R.T.: 10.029 min  
Delta R.T.: 0.003 min  
Response: 2618081  
Conc: 2.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.226 min  
Delta R.T.: 0.002 min  
Response: 14336925  
Conc: 20.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.434 min  
Delta R.T.: 0.005 min  
Response: 20577604  
Conc: 20.66 ng/ml