

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101821\  
 Data File : PL070362.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2021 10:21  
 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: Oct 18 23:31:16 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092821.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 29 09:19:28 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... | 4.626  | 5.564  | 10078986 | 26126379 | 20.142  | 19.753  |
| 28)                         | SA Decachlor... | 10.391 | 11.488 | 14010986 | 20995364 | 20.248  | 17.349  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.332  | 6.145  | 5818822  | 16717498 | 7.861   | 8.547   |
| 3)                          | MA gamma-BHC... | 5.755  | 6.541  | 6131546  | 15691352 | 8.781   | 8.564   |
| 6)                          | B beta-BHC      | 6.135  | 6.796  | 3586051  | 8072409  | 10.681m | 9.388   |
| 12)                         | B 4,4'-DDE      | 7.627  | 8.567  | 261191   | 549922   | 0.410   | 0.355   |
| 14)                         | MA Endrin       | 8.047  | 8.964  | 26474388 | 48913377 | 41.895  | 38.940  |
| 16)                         | A 4,4'-DDD      | 8.212  | 9.107  | 4039242  | 8410012  | 7.202   | 7.120   |
| 17)                         | MA 4,4'-DDT     | 8.473  | 9.425  | 46898326 | 93774409 | 76.667  | 71.757  |
| 18)                         | B Endrin al...  | 8.546  | 9.333  | 843451   | 1077333  | 1.702   | 1.117 # |
| 20)                         | A Methoxychlor  | 9.067  | 9.911  | 58383682 | 109.2E6  | 156.357 | 168.701 |
| 21)                         | B Endrin ke...  | 9.295  | 10.069 | 3507820  | 4691006  | 4.591   | 3.507   |
| -----                       |                 |        |        |          |          |         |         |

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

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Data File : PL070362.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2021 10:21  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

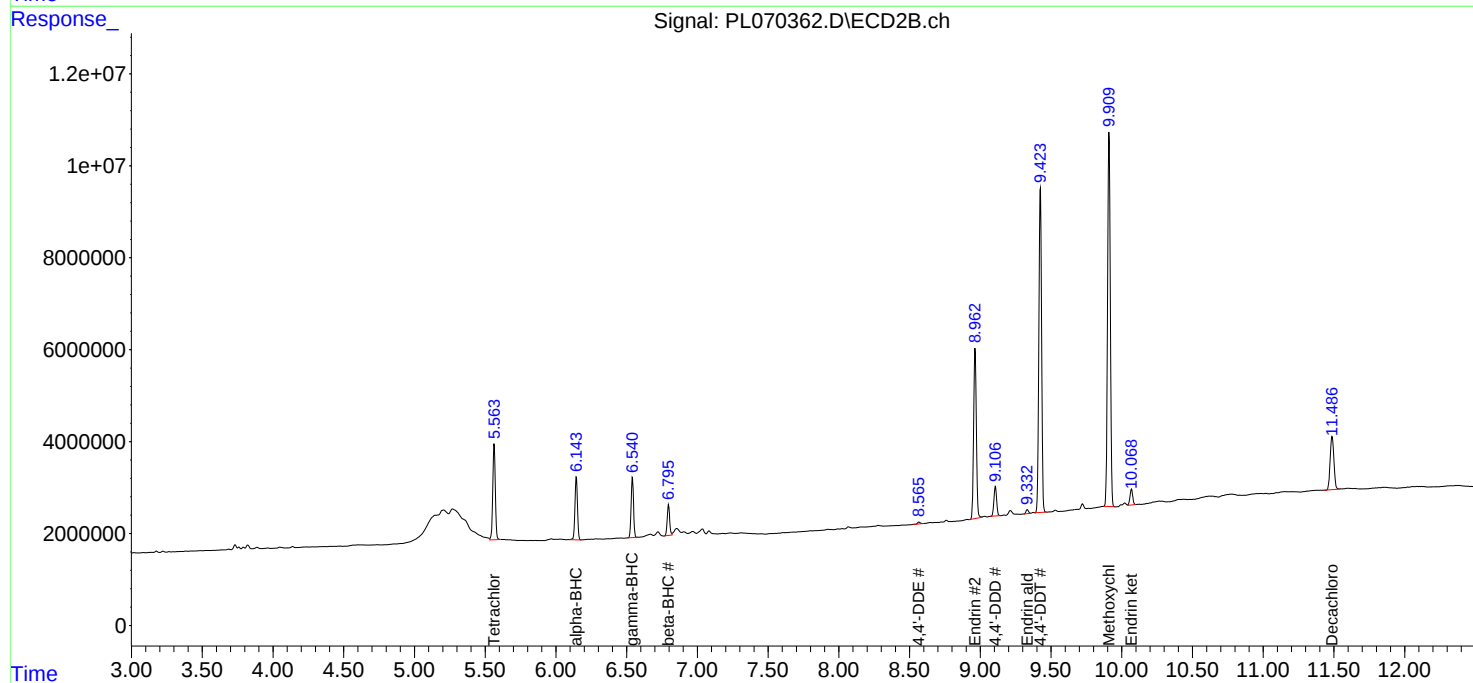
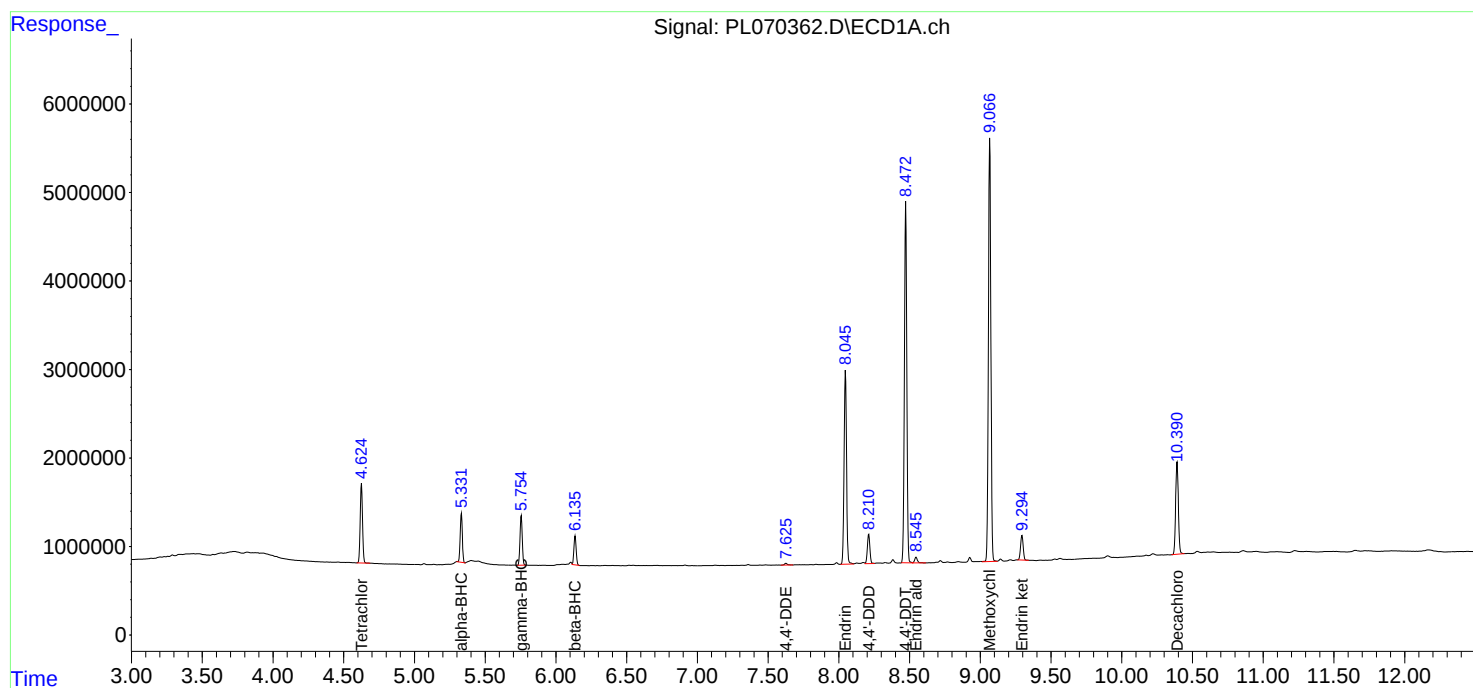
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

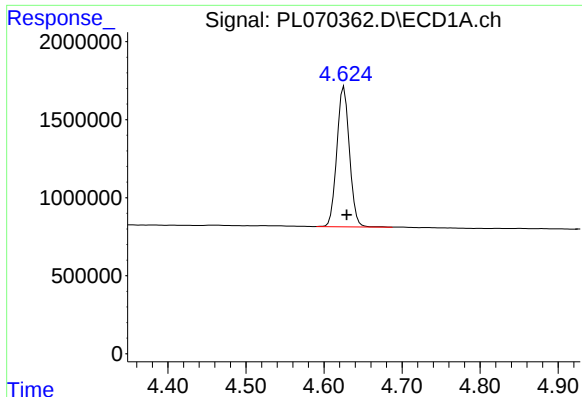
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 18 23:31:16 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092821.M  
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Volume Inj. : 1 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





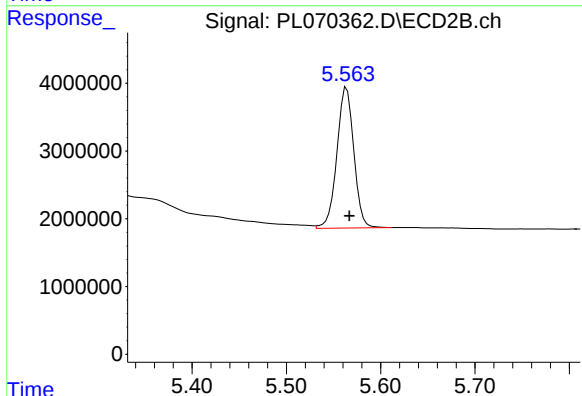
#1 Tetrachloro-m-xylene

R.T.: 4.626 min  
Delta R.T.: -0.003 min  
Response: 10078986  
Conc: 20.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

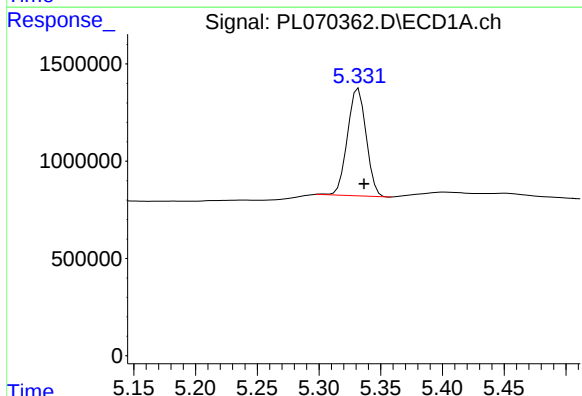
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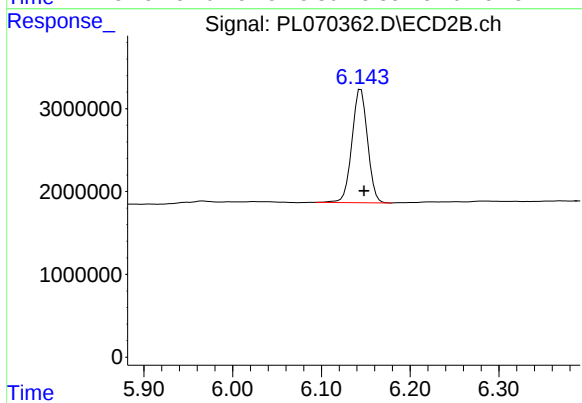
#1 Tetrachloro-m-xylene

R.T.: 5.564 min  
Delta R.T.: -0.003 min  
Response: 26126379  
Conc: 19.75 ng/ml



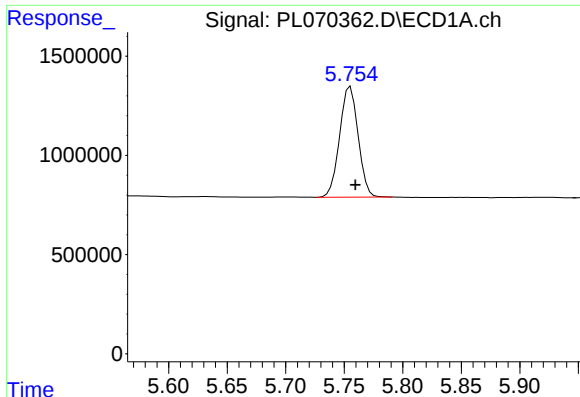
#2 alpha-BHC

R.T.: 5.332 min  
Delta R.T.: -0.004 min  
Response: 5818822  
Conc: 7.86 ng/ml



#2 alpha-BHC

R.T.: 6.145 min  
Delta R.T.: -0.003 min  
Response: 16717498  
Conc: 8.55 ng/ml



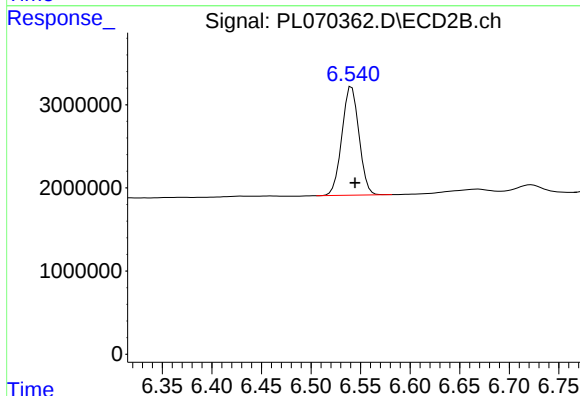
#3 gamma-BHC (Lindane)

R.T.: 5.755 min  
Delta R.T.: -0.004 min  
Response: 6131546  
Conc: 8.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

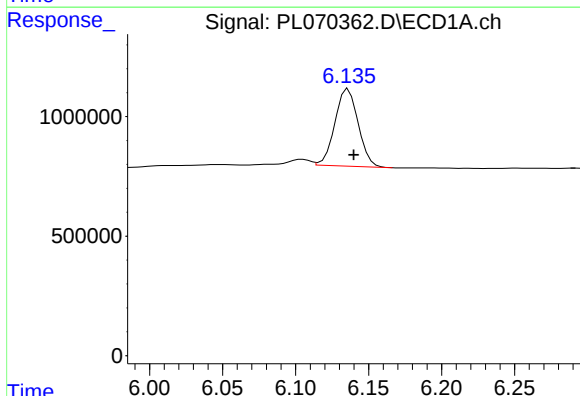
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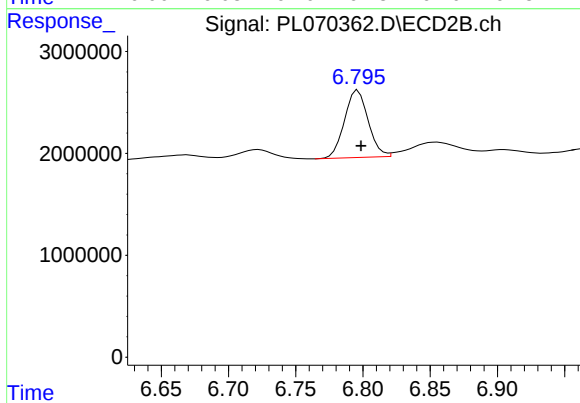
#3 gamma-BHC (Lindane)

R.T.: 6.541 min  
Delta R.T.: -0.004 min  
Response: 15691352  
Conc: 8.56 ng/ml



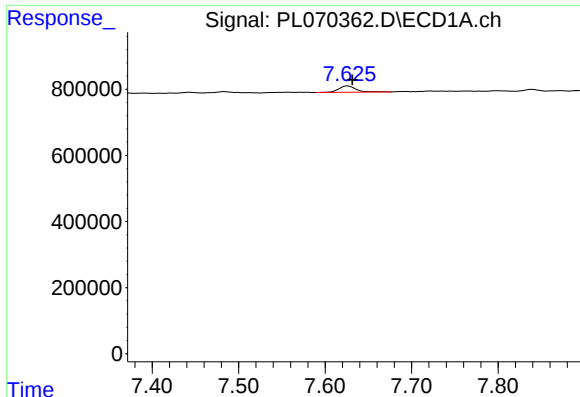
#6 beta-BHC

R.T.: 6.135 min  
Delta R.T.: -0.005 min  
Response: 3586051  
Conc: 10.68 ng/ml m



#6 beta-BHC

R.T.: 6.796 min  
Delta R.T.: -0.002 min  
Response: 8072409  
Conc: 9.39 ng/ml



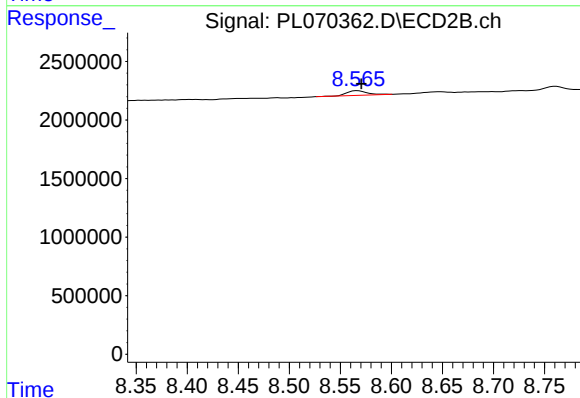
#12 4,4'-DDE

R.T.: 7.627 min  
Delta R.T.: -0.005 min  
Response: 261191  
Conc: 0.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

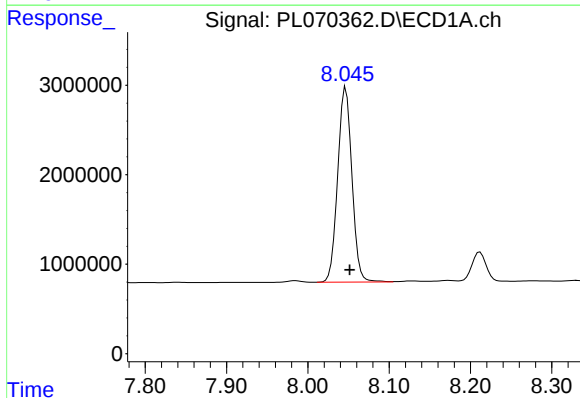
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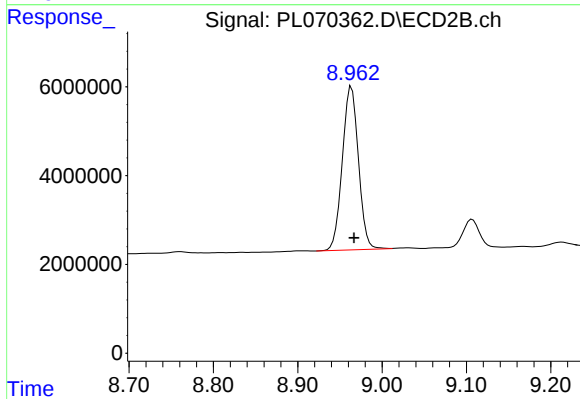
#12 4,4'-DDE

R.T.: 8.567 min  
Delta R.T.: -0.004 min  
Response: 549922  
Conc: 0.36 ng/ml



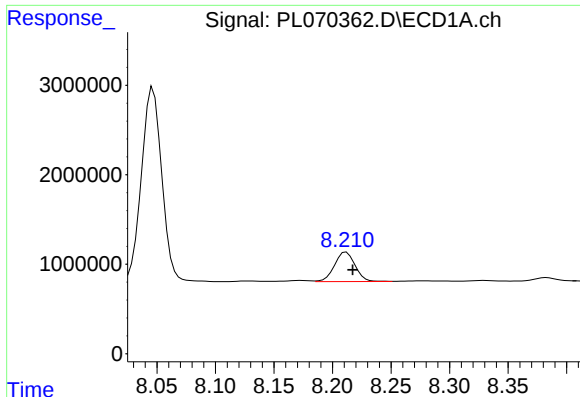
#14 Endrin

R.T.: 8.047 min  
Delta R.T.: -0.005 min  
Response: 26474388  
Conc: 41.89 ng/ml



#14 Endrin

R.T.: 8.964 min  
Delta R.T.: -0.003 min  
Response: 48913377  
Conc: 38.94 ng/ml



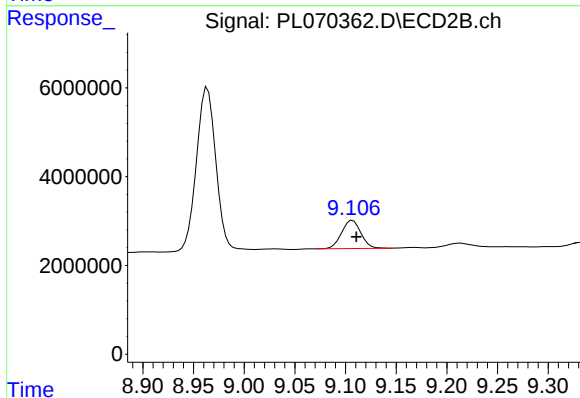
#16 4,4'-DDD

R.T.: 8.212 min  
Delta R.T.: -0.005 min  
Response: 4039242  
Conc: 7.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

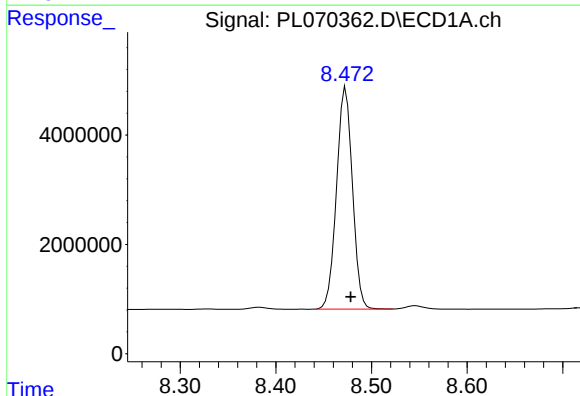
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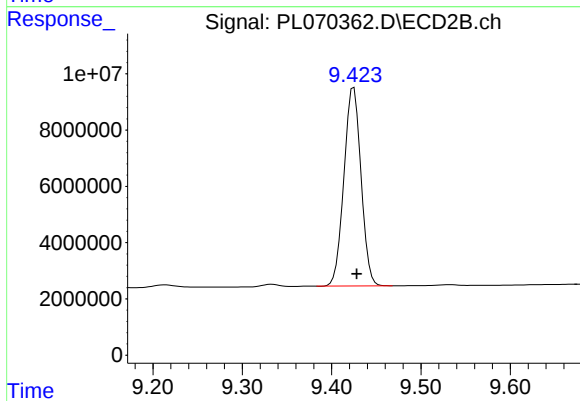
#16 4,4'-DDD

R.T.: 9.107 min  
Delta R.T.: -0.004 min  
Response: 8410012  
Conc: 7.12 ng/ml



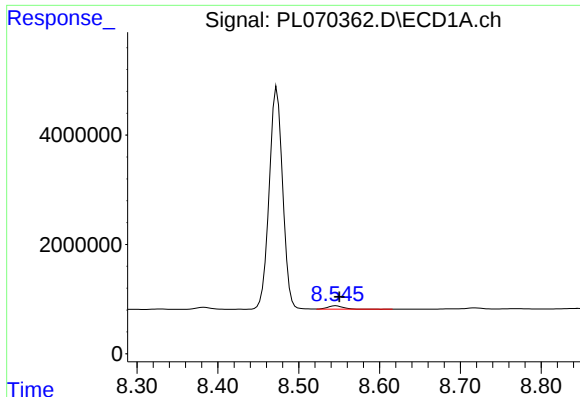
#17 4,4'-DDT

R.T.: 8.473 min  
Delta R.T.: -0.005 min  
Response: 46898326  
Conc: 76.67 ng/ml



#17 4,4'-DDT

R.T.: 9.425 min  
Delta R.T.: -0.003 min  
Response: 93774409  
Conc: 71.76 ng/ml



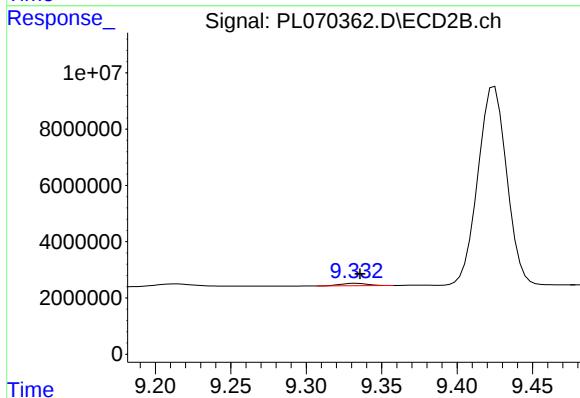
#18 Endrin aldehyde

R.T.: 8.546 min  
Delta R.T.: -0.005 min  
Response: 843451  
Conc: 1.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

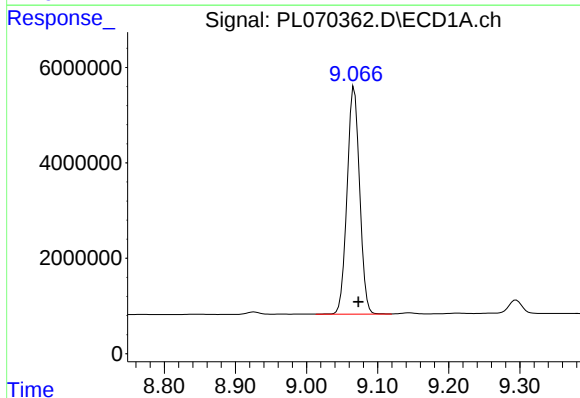
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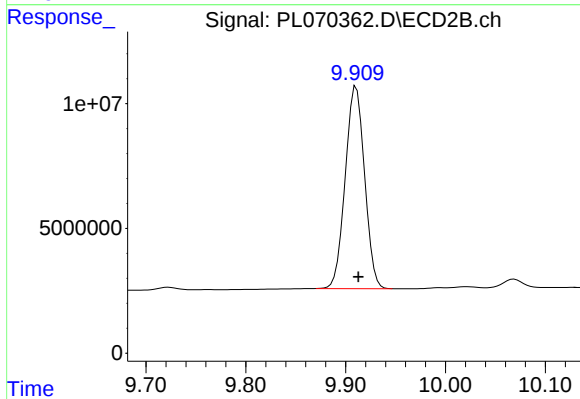
#18 Endrin aldehyde

R.T.: 9.333 min  
Delta R.T.: -0.003 min  
Response: 1077333  
Conc: 1.12 ng/ml



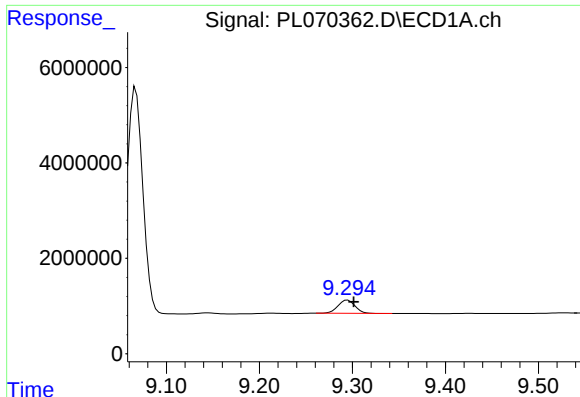
#20 Methoxychlor

R.T.: 9.067 min  
Delta R.T.: -0.006 min  
Response: 58383682  
Conc: 156.36 ng/ml



#20 Methoxychlor

R.T.: 9.911 min  
Delta R.T.: -0.002 min  
Response: 109172916  
Conc: 168.70 ng/ml



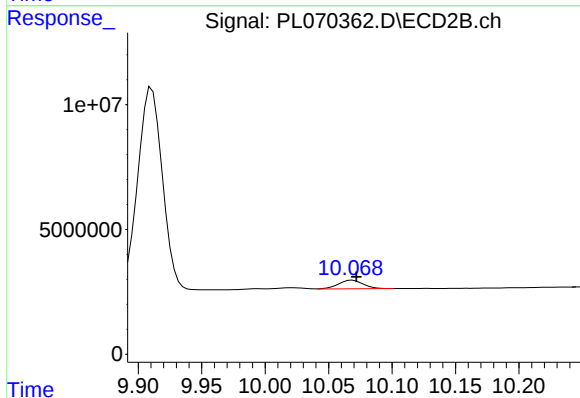
#21 Endrin ketone

R.T.: 9.295 min  
Delta R.T.: -0.006 min  
Response: 3507820  
Conc: 4.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

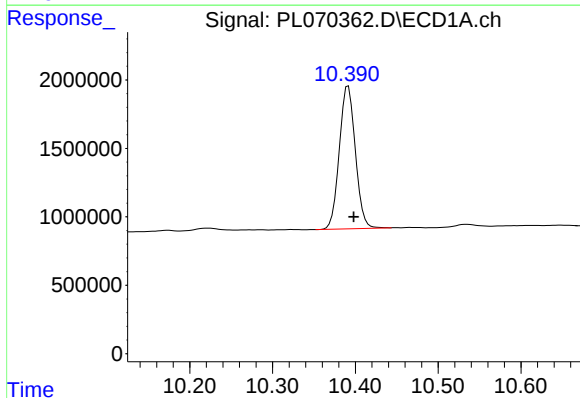
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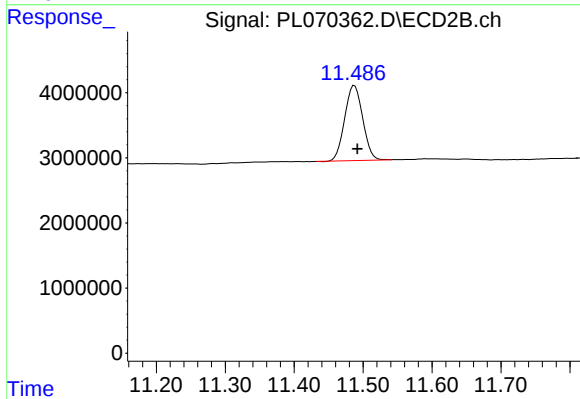
#21 Endrin ketone

R.T.: 10.069 min  
Delta R.T.: -0.003 min  
Response: 4691006  
Conc: 3.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.391 min  
Delta R.T.: -0.007 min  
Response: 14010986  
Conc: 20.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.488 min  
Delta R.T.: -0.004 min  
Response: 20995364  
Conc: 17.35 ng/ml