

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060222\  
 Data File : PL075438.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jun 2022 06:39  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/03/2022  
 Supervised By : Ankita Jodhani 06/03/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 03 09:46:18 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052822.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 01 10:19:11 2022  
 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... | 5.643  | 4.642  | 12394872 | 32742208 | 21.089  | 20.669  |
| 28)                         | SA Decachlor... | 11.641 | 10.388 | 11209008 | 26767190 | 20.905  | 19.506  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 6.227  | 5.344  | 7738747  | 20190309 | 9.377   | 9.329   |
| 3)                          | MA gamma-BHC... | 6.625  | 5.764  | 7456294  | 20088340 | 9.527   | 9.565   |
| 6)                          | B beta-BHC      | 6.877  | 6.143  | 3760078  | 9917901  | 10.100  | 10.218  |
| 12)                         | B 4,4'-DDE      | 8.660  | 7.628  | 75971    | 327590   | 0.131m  | 0.201 # |
| 14)                         | MA Endrin       | 9.063  | 8.048  | 27047967 | 71408294 | 50.935  | 45.872  |
| 16)                         | A 4,4'-DDD      | 9.202  | 8.212  | 1649581  | 4033827  | 3.335   | 3.018   |
| 17)                         | MA 4,4'-DDT     | 9.522  | 8.473  | 50924554 | 130.2E6  | 87.428  | 91.062  |
| 18)                         | B Endrin al...  | 9.430  | 8.547  | 177536   | 676572   | 0.404m  | 0.561m# |
| 20)                         | A Methoxychlor  | 10.007 | 9.065  | 71011527 | 172.4E6  | 231.848 | 212.312 |
| 21)                         | B Endrin ke...  | 10.174 | 9.293  | 1293817  | 2043305  | 2.107m  | 1.278m# |
| -----                       |                 |        |        |          |          |         |         |

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

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Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

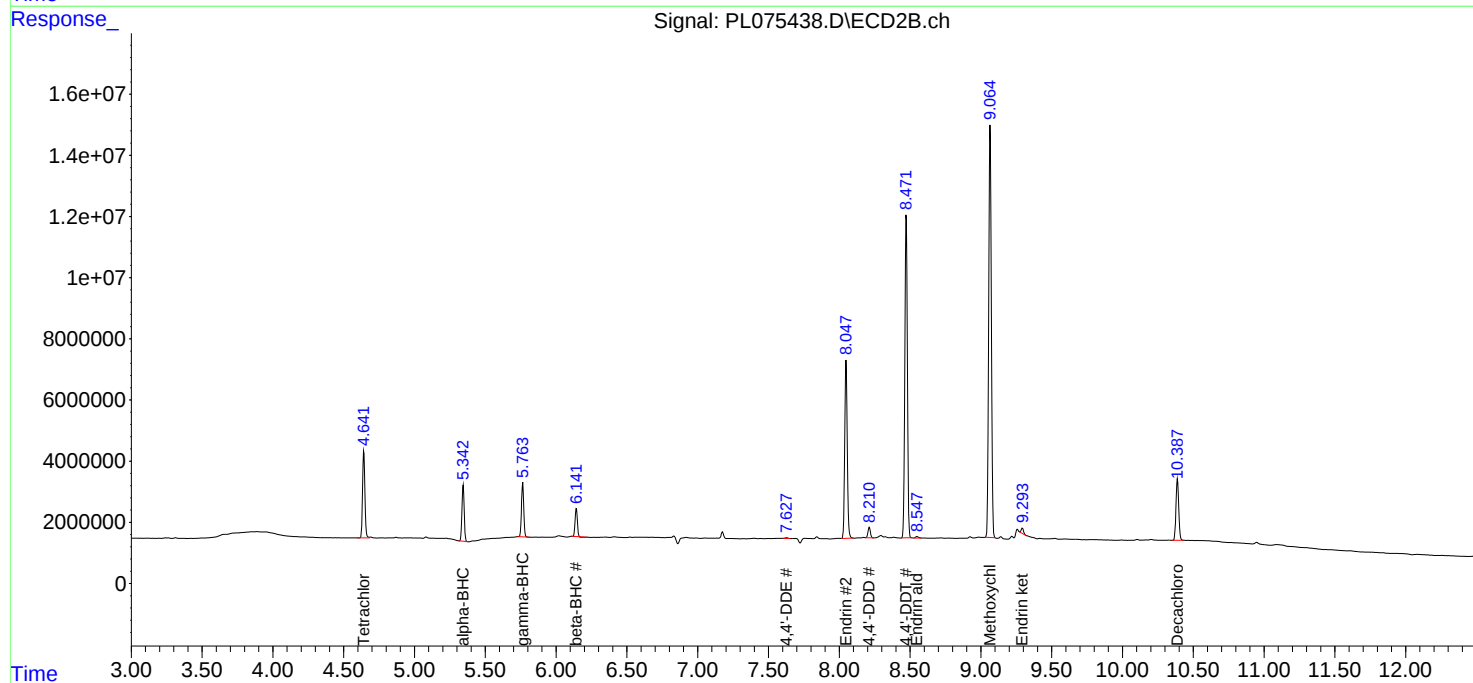
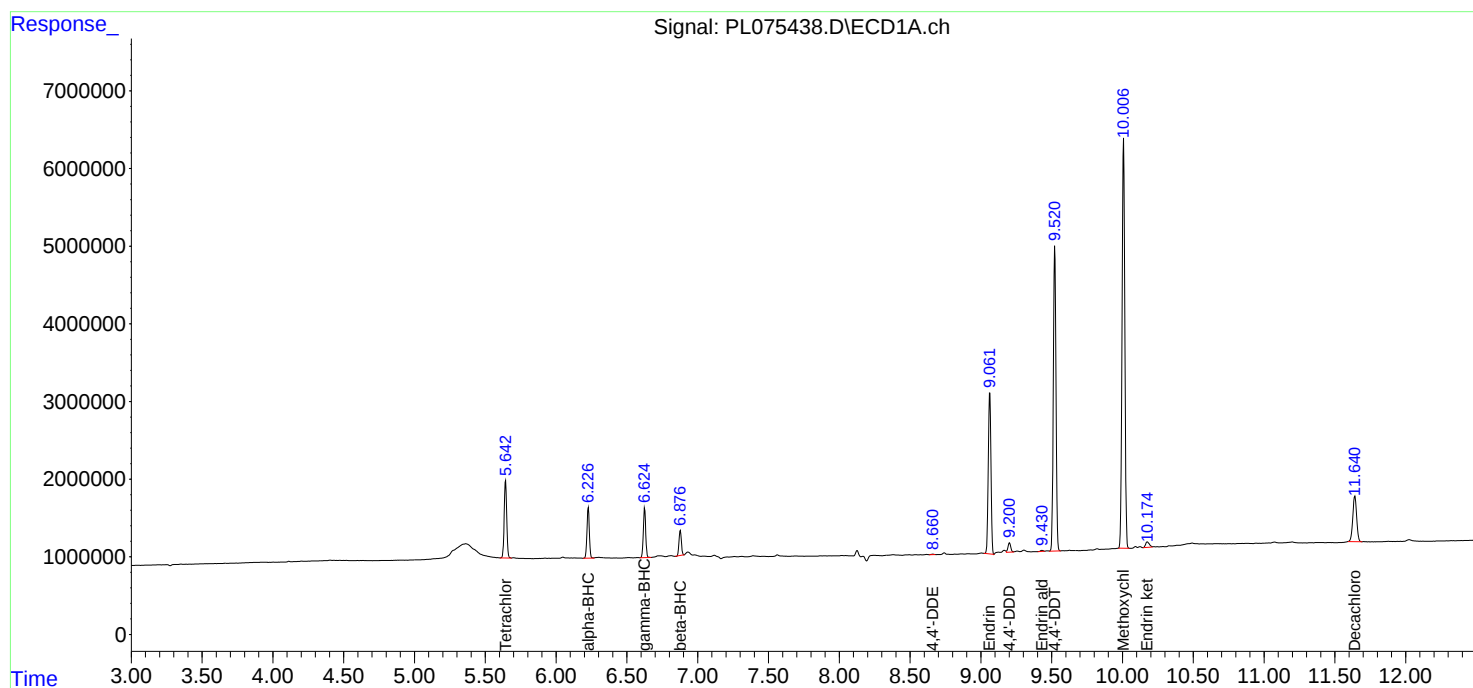
Instrument :  
ECD\_L  
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PEM

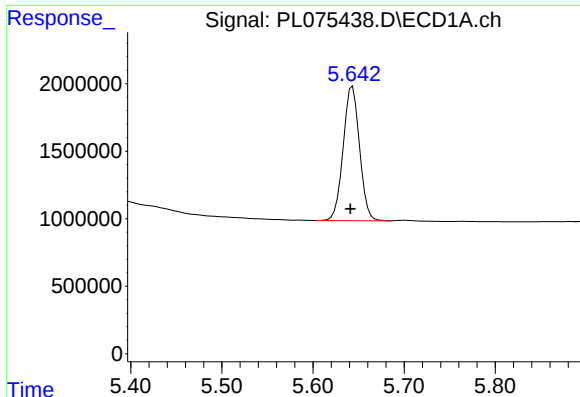
Manual Integrations  
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Supervised By :Ankita Jodhani 06/03/2022

Integration File signal 1: autoint1.e  
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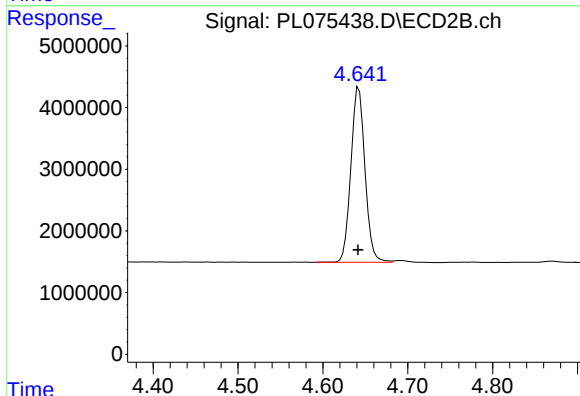
#1 Tetrachloro-m-xylene

R.T.: 5.643 min  
Delta R.T.: 0.002 min  
Response: 12394872  
Conc: 21.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

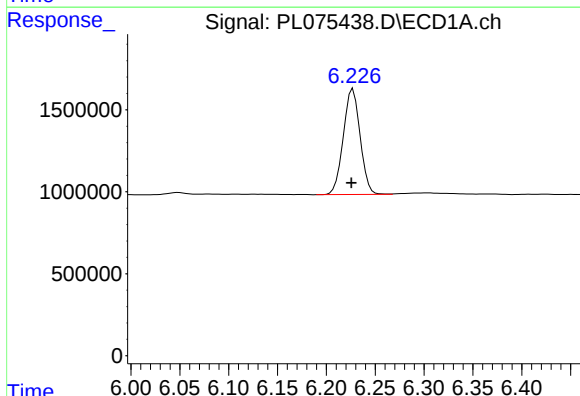
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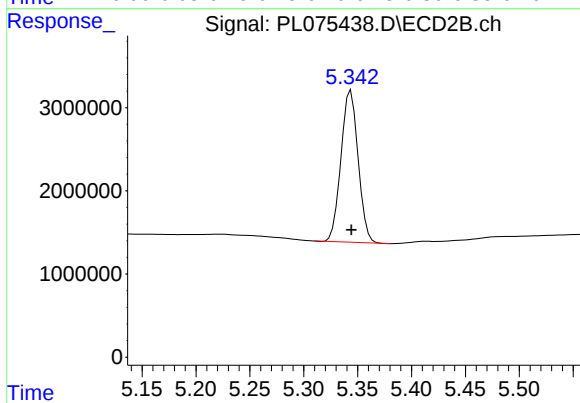
#1 Tetrachloro-m-xylene

R.T.: 4.642 min  
Delta R.T.: 0.000 min  
Response: 32742208  
Conc: 20.67 ng/ml



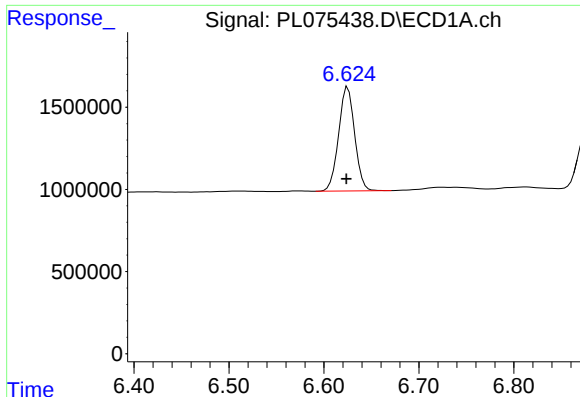
#2 alpha-BHC

R.T.: 6.227 min  
Delta R.T.: 0.002 min  
Response: 7738747  
Conc: 9.38 ng/ml



#2 alpha-BHC

R.T.: 5.344 min  
Delta R.T.: 0.000 min  
Response: 20190309  
Conc: 9.33 ng/ml



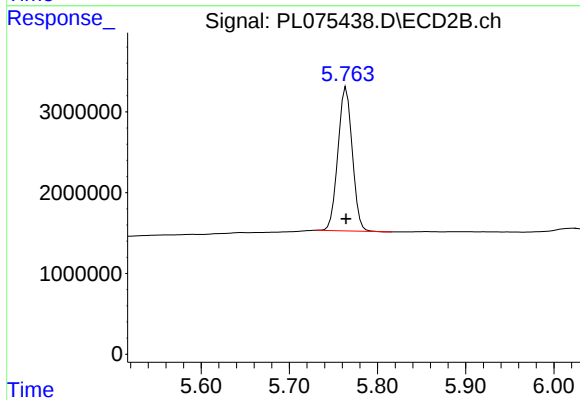
#3 gamma-BHC (Lindane)

R.T.: 6.625 min  
Delta R.T.: 0.001 min  
Response: 7456294  
Conc: 9.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

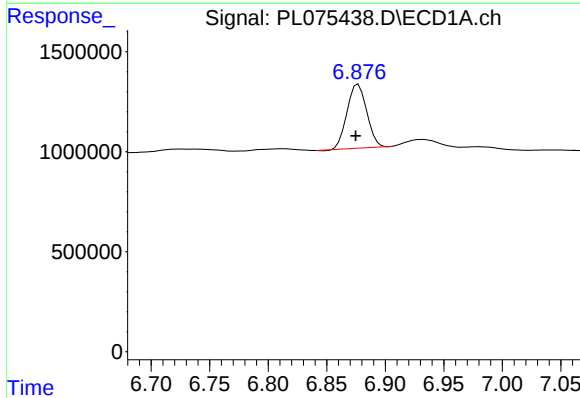
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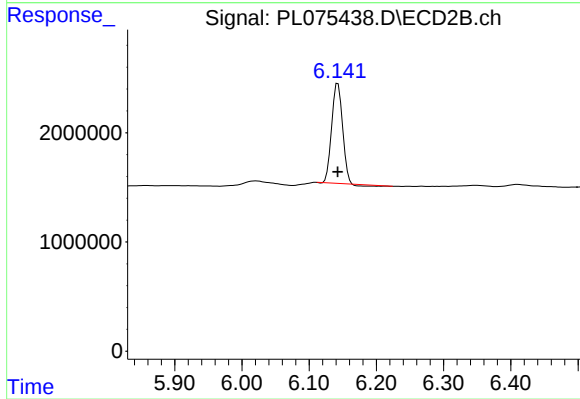
#3 gamma-BHC (Lindane)

R.T.: 5.764 min  
Delta R.T.: 0.000 min  
Response: 20088340  
Conc: 9.57 ng/ml



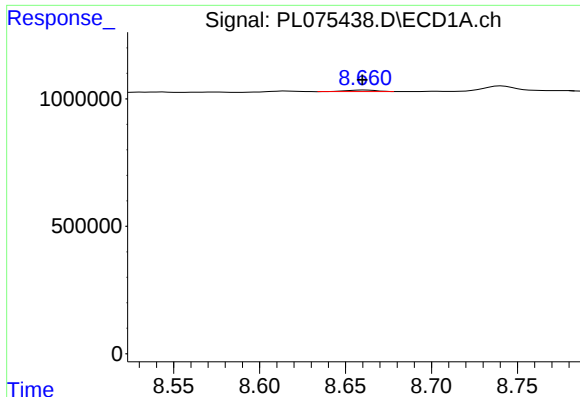
#6 beta-BHC

R.T.: 6.877 min  
Delta R.T.: 0.002 min  
Response: 3760078  
Conc: 10.10 ng/ml



#6 beta-BHC

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 9917901  
Conc: 10.22 ng/ml



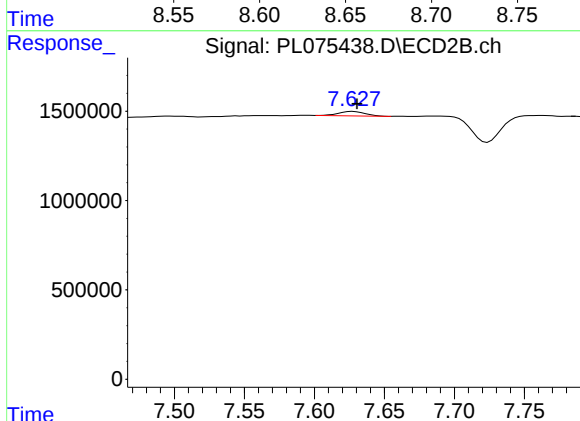
#12 4,4'-DDE

R.T.: 8.660 min  
Delta R.T.: 0.000 min  
Response: 75971  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#12 4,4'-DDE

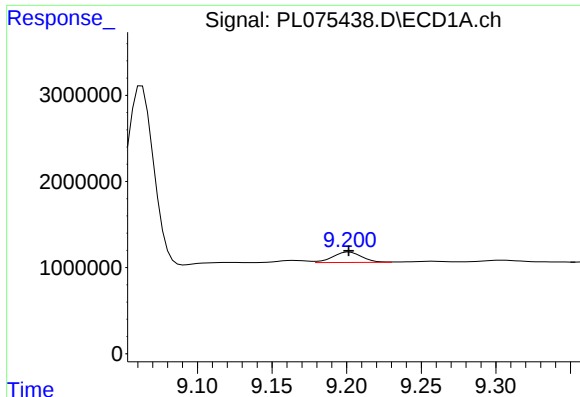
R.T.: 7.628 min  
Delta R.T.: -0.003 min  
Response: 327590  
Conc: 0.20 ng/ml

#14 Endrin

R.T.: 9.063 min  
Delta R.T.: 0.000 min  
Response: 27047967  
Conc: 50.93 ng/ml

#14 Endrin

R.T.: 8.048 min  
Delta R.T.: -0.003 min  
Response: 71408294  
Conc: 45.87 ng/ml



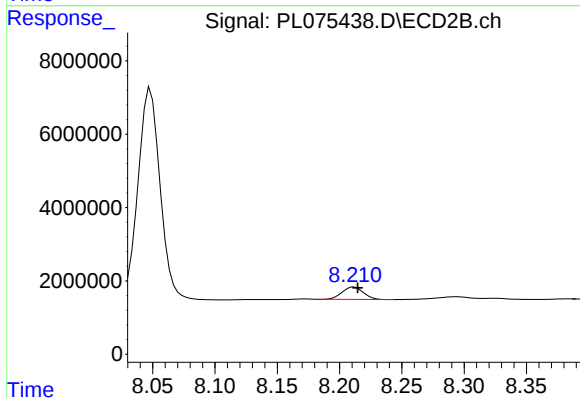
#16 4,4'-DDD

R.T.: 9.202 min  
Delta R.T.: 0.000 min  
Response: 1649581  
Conc: 3.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

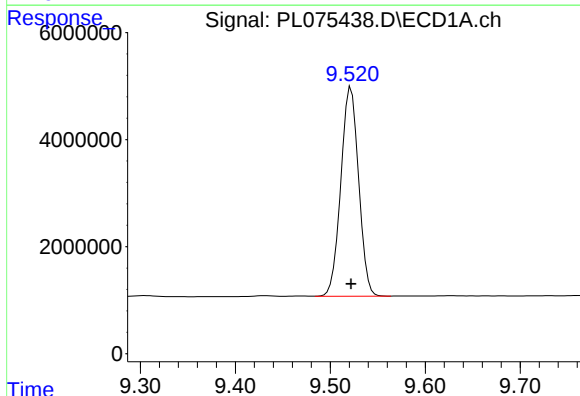
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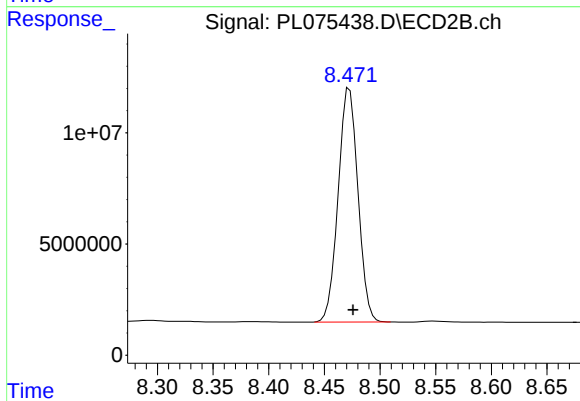
#16 4,4'-DDD

R.T.: 8.212 min  
Delta R.T.: -0.003 min  
Response: 4033827  
Conc: 3.02 ng/ml



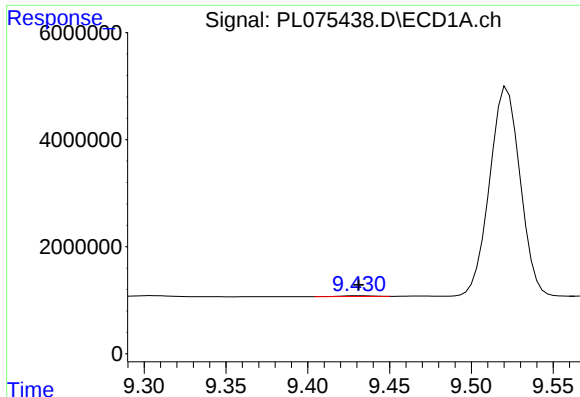
#17 4,4'-DDT

R.T.: 9.522 min  
Delta R.T.: 0.000 min  
Response: 50924554  
Conc: 87.43 ng/ml



#17 4,4'-DDT

R.T.: 8.473 min  
Delta R.T.: -0.003 min  
Response: 130232191  
Conc: 91.06 ng/ml



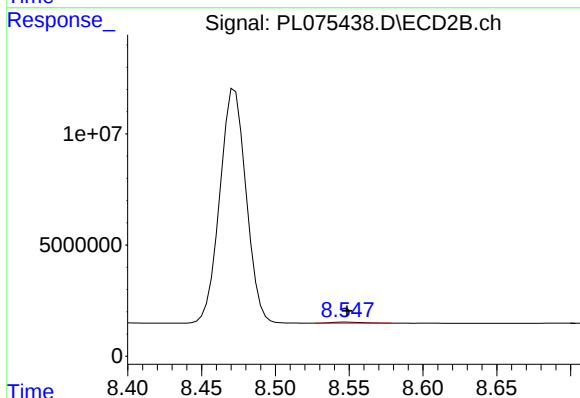
#18 Endrin aldehyde

R.T.: 9.430 min  
Delta R.T.: -0.002 min  
Response: 177536  
Conc: 0.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

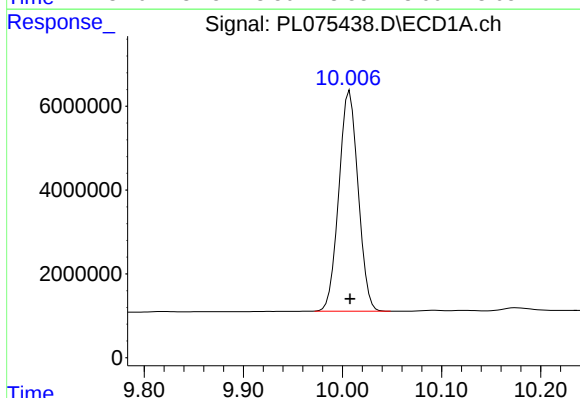
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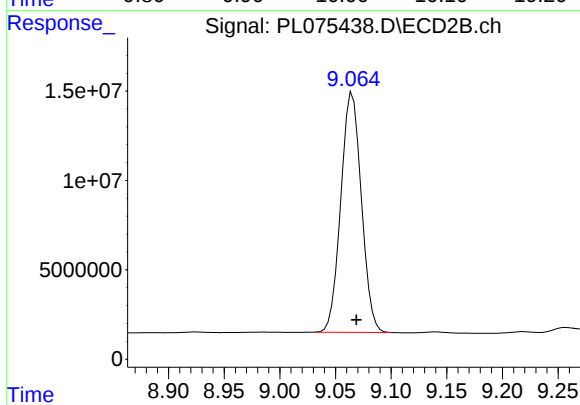
#18 Endrin aldehyde

R.T.: 8.547 min  
Delta R.T.: -0.001 min  
Response: 676572  
Conc: 0.56 ng/ml m



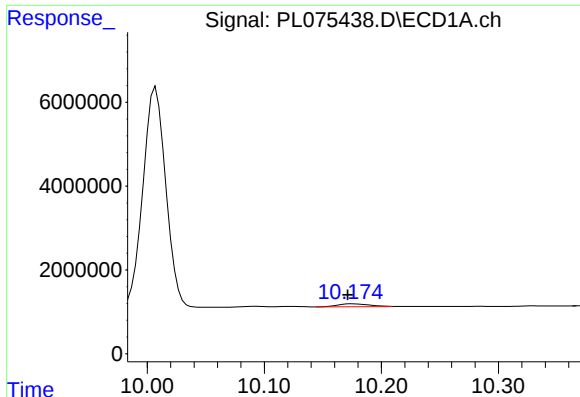
#20 Methoxychlor

R.T.: 10.007 min  
Delta R.T.: 0.000 min  
Response: 71011527  
Conc: 231.85 ng/ml



#20 Methoxychlor

R.T.: 9.065 min  
Delta R.T.: -0.004 min  
Response: 172408222  
Conc: 212.31 ng/ml



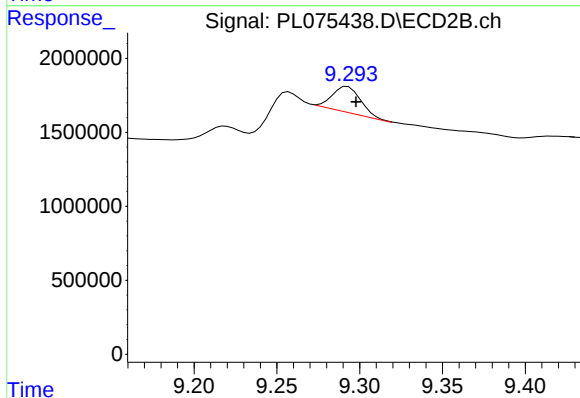
#21 Endrin ketone

R.T.: 10.174 min  
Delta R.T.: 0.003 min  
Response: 1293817  
Conc: 2.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

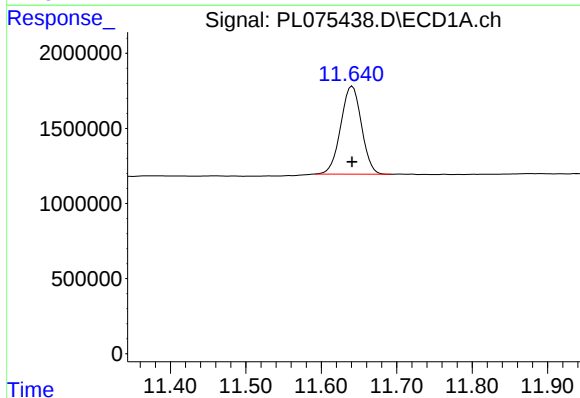
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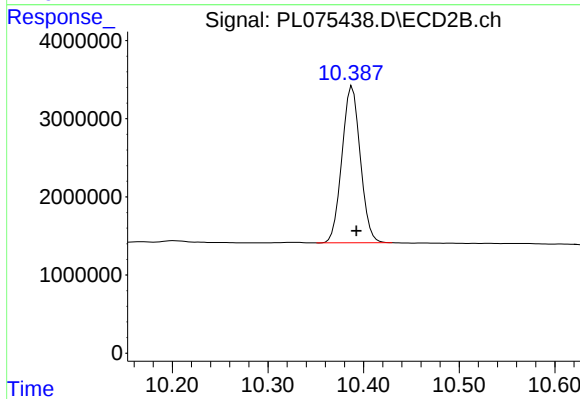
#21 Endrin ketone

R.T.: 9.293 min  
Delta R.T.: -0.005 min  
Response: 2043305  
Conc: 1.28 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.641 min  
Delta R.T.: 0.000 min  
Response: 11209008  
Conc: 20.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.388 min  
Delta R.T.: -0.004 min  
Response: 26767190  
Conc: 19.51 ng/ml