

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060322\  
 Data File : PL075511.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Jun 2022 06:43  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 12:28:31 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  | 4.643  | 12423843 | 31951155 | 21.138  | 20.169  |
| 28)                         | SA Decachlor... | 11.640 | 10.387 | 11110190 | 25207375 | 20.721  | 18.369  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 6.226  | 5.344  | 7686101  | 19520766 | 9.313   | 9.020   |
| 3)                          | MA gamma-BHC... | 6.625  | 5.764  | 7440386  | 19361839 | 9.506   | 9.219   |
| 6)                          | B beta-BHC      | 6.877  | 6.143  | 3817917  | 10069606 | 10.255  | 10.375  |
| 12)                         | B 4,4'-DDE      | 8.657  | 7.628  | 125967   | 357188   | 0.217m  | 0.219   |
| 14)                         | MA Endrin       | 9.061  | 8.049  | 25732629 | 65073166 | 48.458  | 41.802  |
| 16)                         | A 4,4'-DDD      | 9.201  | 8.212  | 3105803  | 7870673  | 6.280   | 5.888   |
| 17)                         | MA 4,4'-DDT     | 9.521  | 8.473  | 47893711 | 116.7E6  | 82.225  | 81.577  |
| 18)                         | B Endrin al...  | 9.429  | 8.546  | 581690   | 1412427  | 1.324m  | 1.172m  |
| 20)                         | A Methoxychlor  | 10.007 | 9.065  | 66596916 | 155.1E6  | 217.434 | 191.058 |
| 21)                         | B Endrin ke...  | 10.171 | 9.294  | 1996343  | 4328363  | 3.252   | 2.707   |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060322\  
Data File : PL075511.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Jun 2022 06:43  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

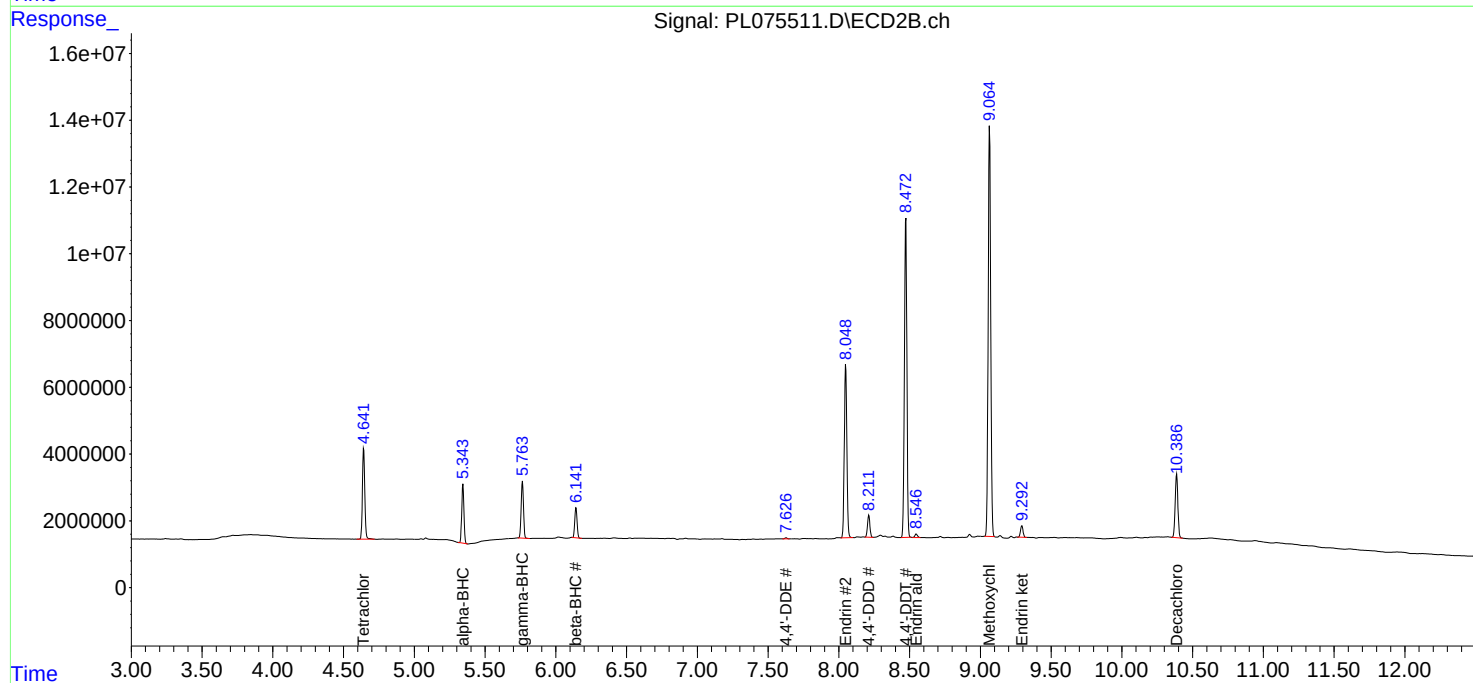
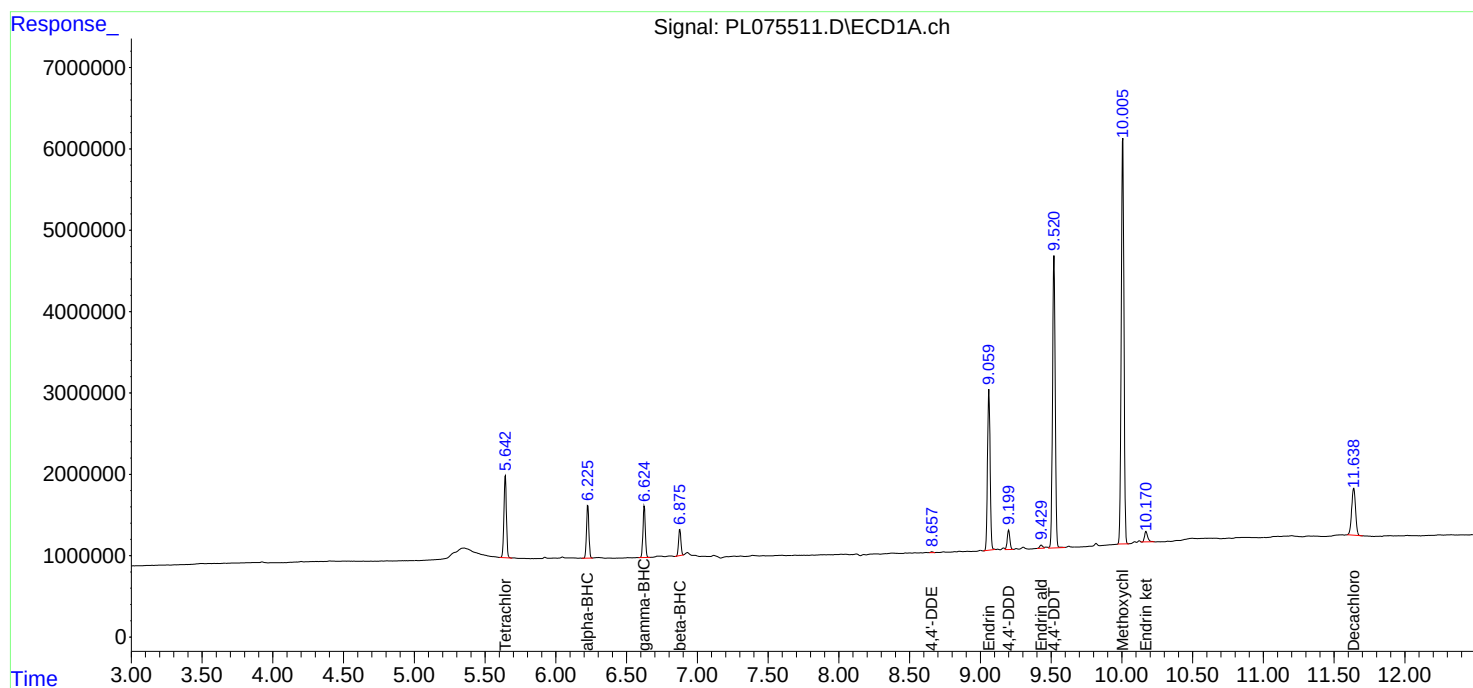
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

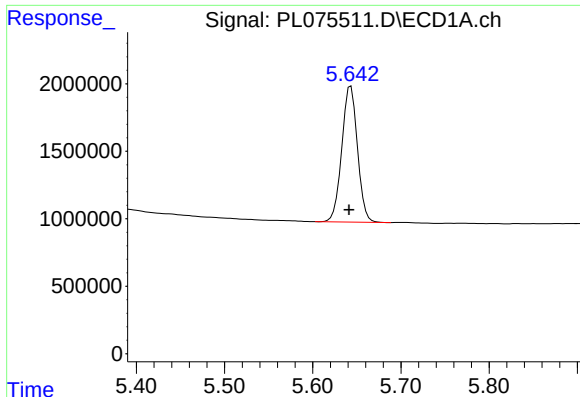
Manual Integrations  
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Supervised By :Ankita Jodhani 06/06/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 05 12:28:31 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052822.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 01 10:19:11 2022  
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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





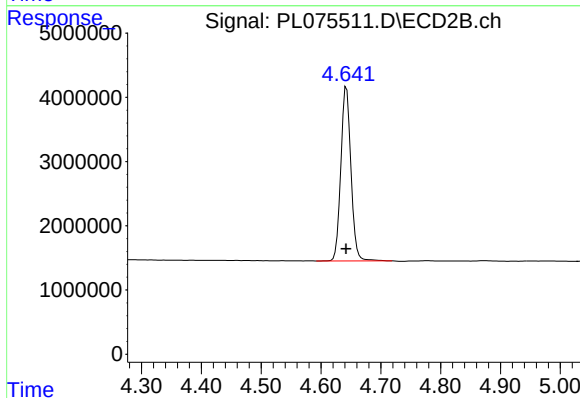
#1 Tetrachloro-m-xylene

R.T.: 5.643 min  
Delta R.T.: 0.002 min  
Response: 12423843  
Conc: 21.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

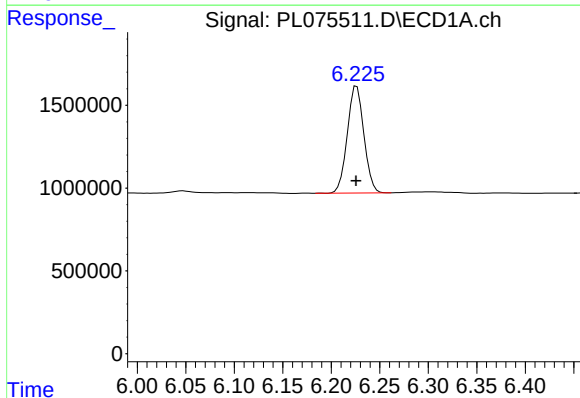
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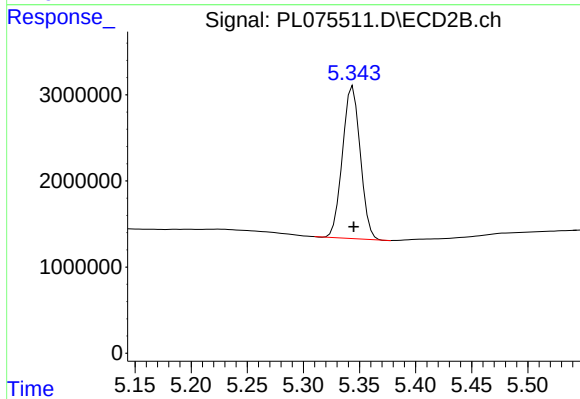
#1 Tetrachloro-m-xylene

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 31951155  
Conc: 20.17 ng/ml



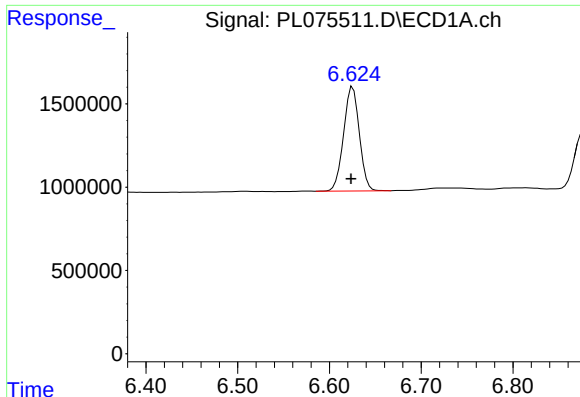
#2 alpha-BHC

R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 7686101  
Conc: 9.31 ng/ml



#2 alpha-BHC

R.T.: 5.344 min  
Delta R.T.: 0.000 min  
Response: 19520766  
Conc: 9.02 ng/ml



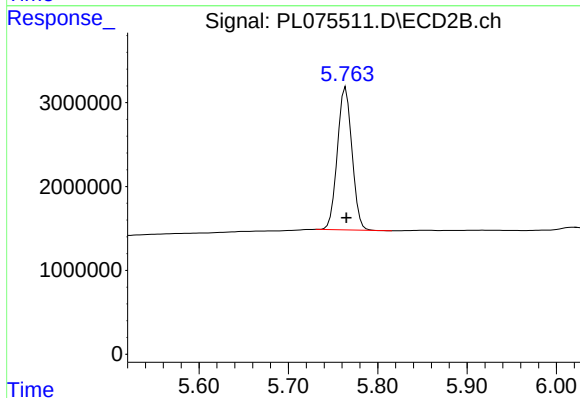
#3 gamma-BHC (Lindane)

R.T.: 6.625 min  
Delta R.T.: 0.002 min  
Response: 7440386  
Conc: 9.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

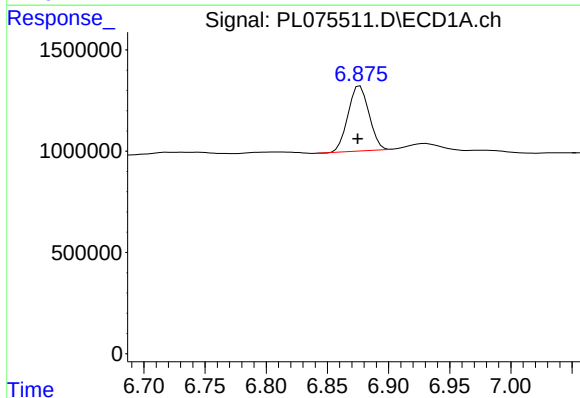
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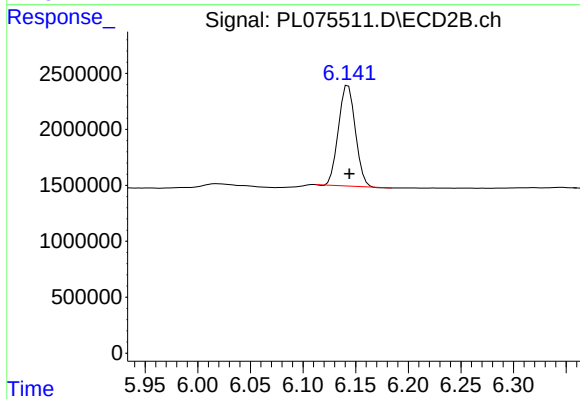
#3 gamma-BHC (Lindane)

R.T.: 5.764 min  
Delta R.T.: 0.000 min  
Response: 19361839  
Conc: 9.22 ng/ml



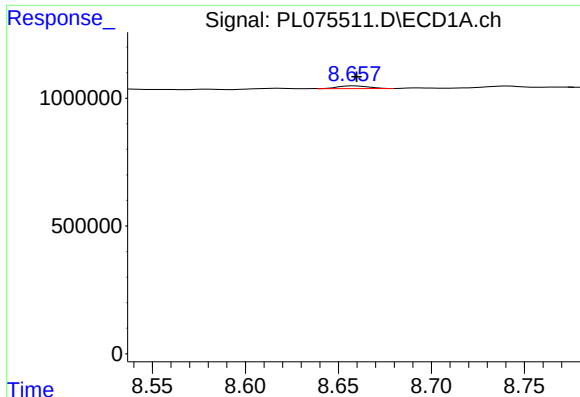
#6 beta-BHC

R.T.: 6.877 min  
Delta R.T.: 0.002 min  
Response: 3817917  
Conc: 10.25 ng/ml



#6 beta-BHC

R.T.: 6.143 min  
Delta R.T.: -0.001 min  
Response: 10069606  
Conc: 10.37 ng/ml



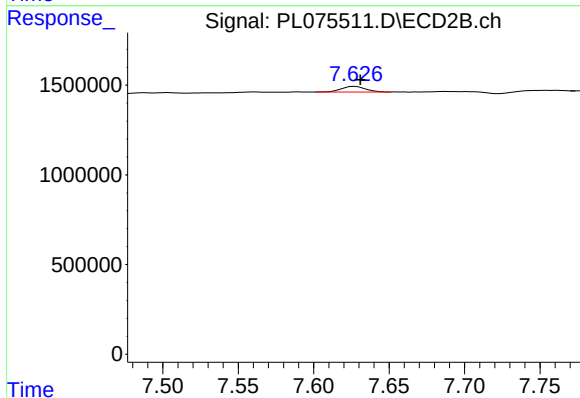
#12 4,4'-DDE

R.T.: 8.657 min  
Delta R.T.: -0.003 min  
Response: 125967  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

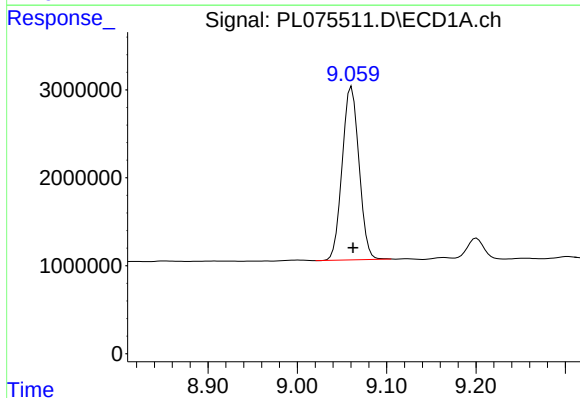
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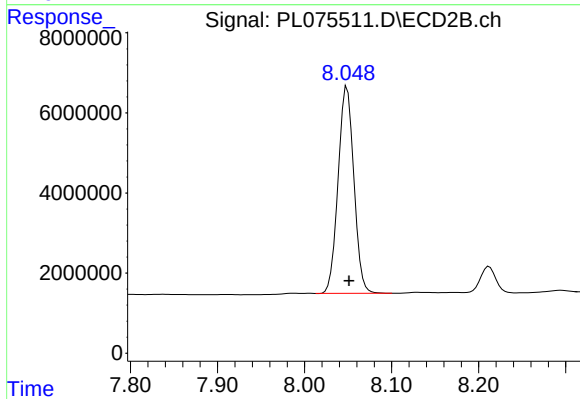
#12 4,4'-DDE

R.T.: 7.628 min  
Delta R.T.: -0.003 min  
Response: 357188  
Conc: 0.22 ng/ml



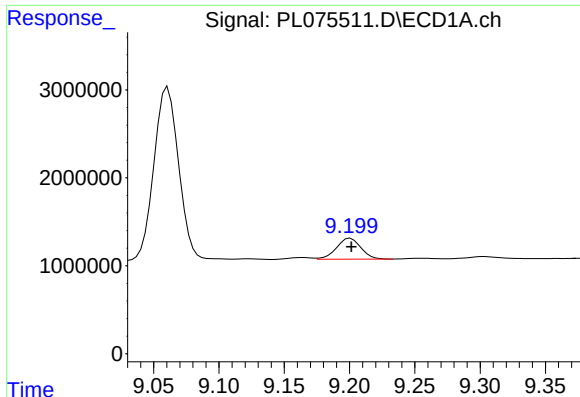
#14 Endrin

R.T.: 9.061 min  
Delta R.T.: -0.002 min  
Response: 25732629  
Conc: 48.46 ng/ml



#14 Endrin

R.T.: 8.049 min  
Delta R.T.: -0.002 min  
Response: 65073166  
Conc: 41.80 ng/ml



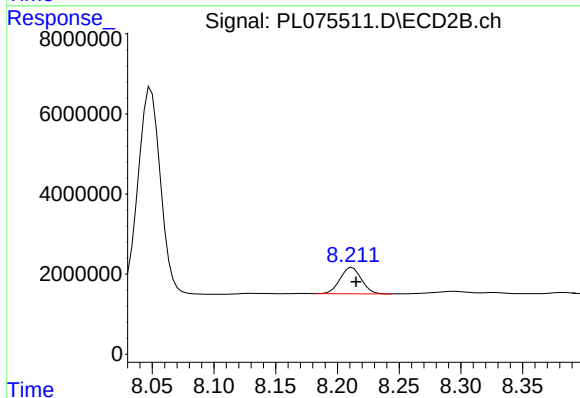
#16 4,4'-DDD

R.T.: 9.201 min  
Delta R.T.: 0.000 min  
Response: 3105803  
Conc: 6.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

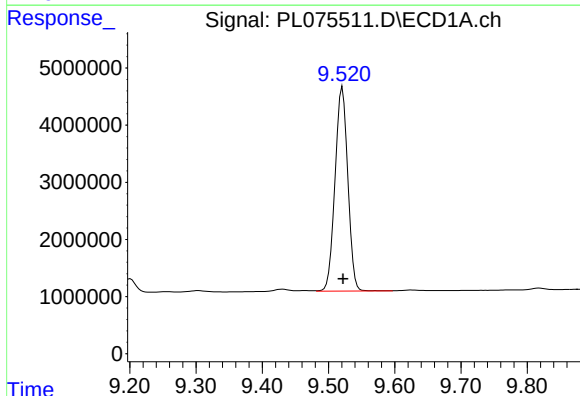
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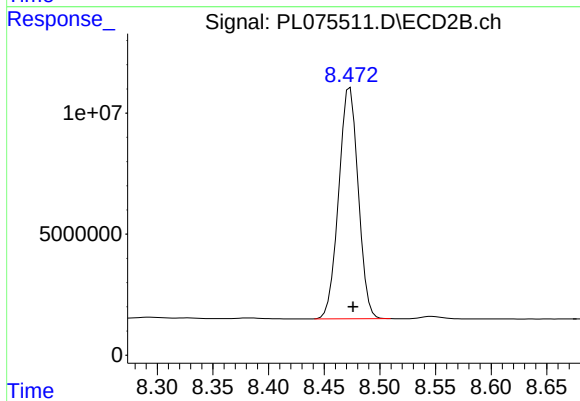
#16 4,4'-DDD

R.T.: 8.212 min  
Delta R.T.: -0.003 min  
Response: 7870673  
Conc: 5.89 ng/ml



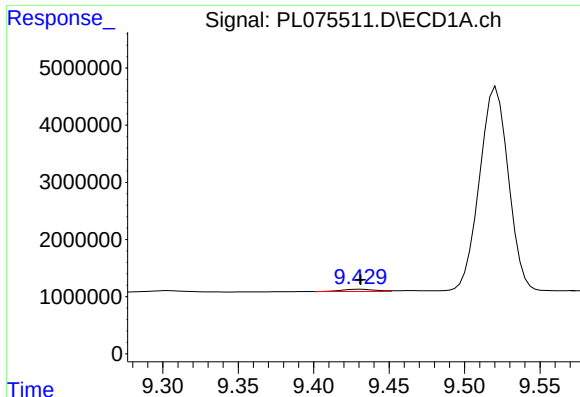
#17 4,4'-DDT

R.T.: 9.521 min  
Delta R.T.: 0.000 min  
Response: 47893711  
Conc: 82.22 ng/ml



#17 4,4'-DDT

R.T.: 8.473 min  
Delta R.T.: -0.003 min  
Response: 116667316  
Conc: 81.58 ng/ml



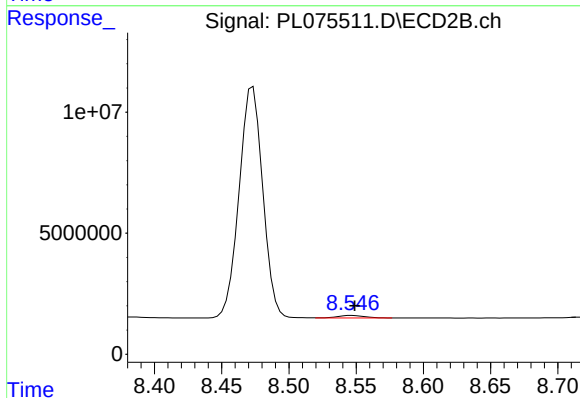
#18 Endrin aldehyde

R.T.: 9.429 min  
Delta R.T.: -0.002 min  
Response: 581690  
Conc: 1.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

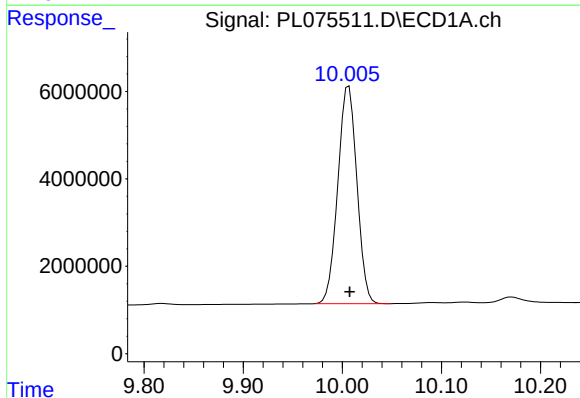
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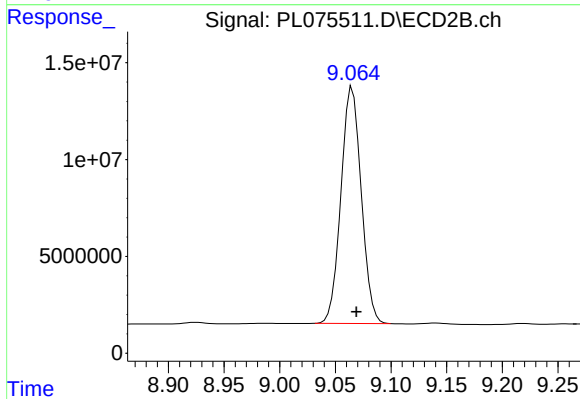
#18 Endrin aldehyde

R.T.: 8.546 min  
Delta R.T.: -0.003 min  
Response: 1412427  
Conc: 1.17 ng/ml m



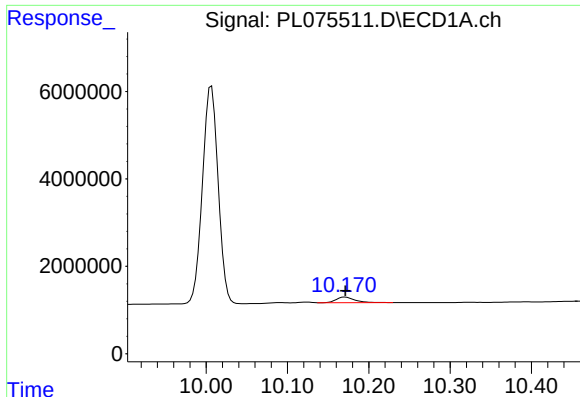
#20 Methoxychlor

R.T.: 10.007 min  
Delta R.T.: -0.001 min  
Response: 66596916  
Conc: 217.43 ng/ml



#20 Methoxychlor

R.T.: 9.065 min  
Delta R.T.: -0.004 min  
Response: 155148978  
Conc: 191.06 ng/ml



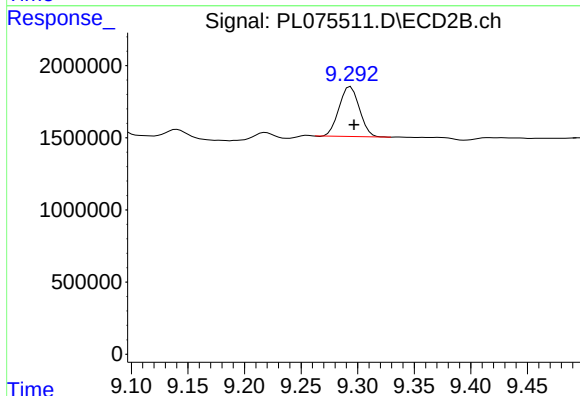
#21 Endrin ketone

R.T.: 10.171 min  
Delta R.T.: 0.000 min  
Response: 1996343  
Conc: 3.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

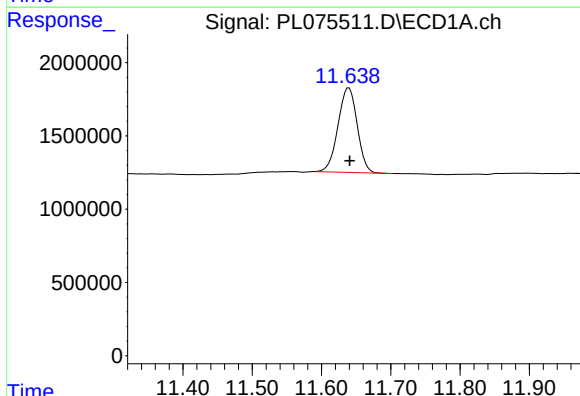
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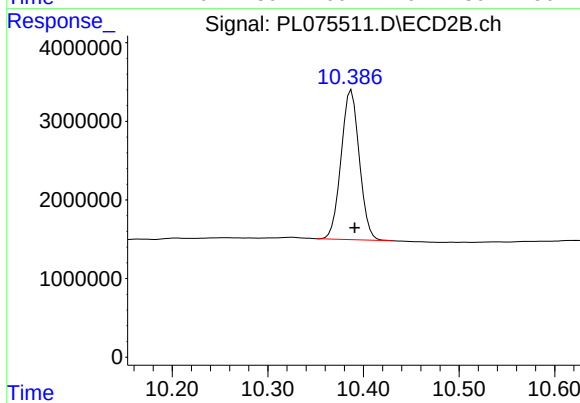
#21 Endrin ketone

R.T.: 9.294 min  
Delta R.T.: -0.003 min  
Response: 4328363  
Conc: 2.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.640 min  
Delta R.T.: -0.001 min  
Response: 11110190  
Conc: 20.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.387 min  
Delta R.T.: -0.004 min  
Response: 25207375  
Conc: 18.37 ng/ml