

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060322\  
 Data File : PL075465.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jun 2022 16:56  
 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 04 00:39:25 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... | 5.651  | 4.642  | 11852952 | 31494136 | 20.167  | 19.881  |
| 28)                         | SA Decachlor... | 11.647 | 10.389 | 11072264 | 26136718 | 20.650  | 19.046  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 6.233  | 5.343  | 7521092  | 19111810 | 9.113m  | 8.831   |
| 3)                          | MA gamma-BHC... | 6.631  | 5.764  | 6960464  | 19094922 | 8.893m  | 9.092   |
| 6)                          | B beta-BHC      | 6.884  | 6.143  | 3629615  | 9743350  | 9.749   | 10.039  |
| 12)                         | B 4,4'-DDE      | 8.663  | 7.630  | 79574    | 286930   | 0.137m  | 0.176 # |
| 14)                         | MA Endrin       | 9.068  | 8.050  | 25146120 | 66623881 | 47.353  | 42.798  |
| 16)                         | A 4,4'-DDD      | 9.207  | 8.213  | 1433750  | 2855920  | 2.899   | 2.137 # |
| 17)                         | MA 4,4'-DDT     | 9.528  | 8.475  | 49720934 | 125.7E6  | 85.362  | 87.900  |
| 18)                         | B Endrin al...  | 9.435  | 8.548  | 238184   | 806946   | 0.542m  | 0.669m  |
| 20)                         | A Methoxychlor  | 10.013 | 9.068  | 69082006 | 166.2E6  | 225.548 | 204.661 |
| 21)                         | B Endrin ke...  | 10.181 | 9.296  | 3081032  | 2750087  | 5.018m  | 1.720 # |
| -----                       |                 |        |        |          |          |         |         |

(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

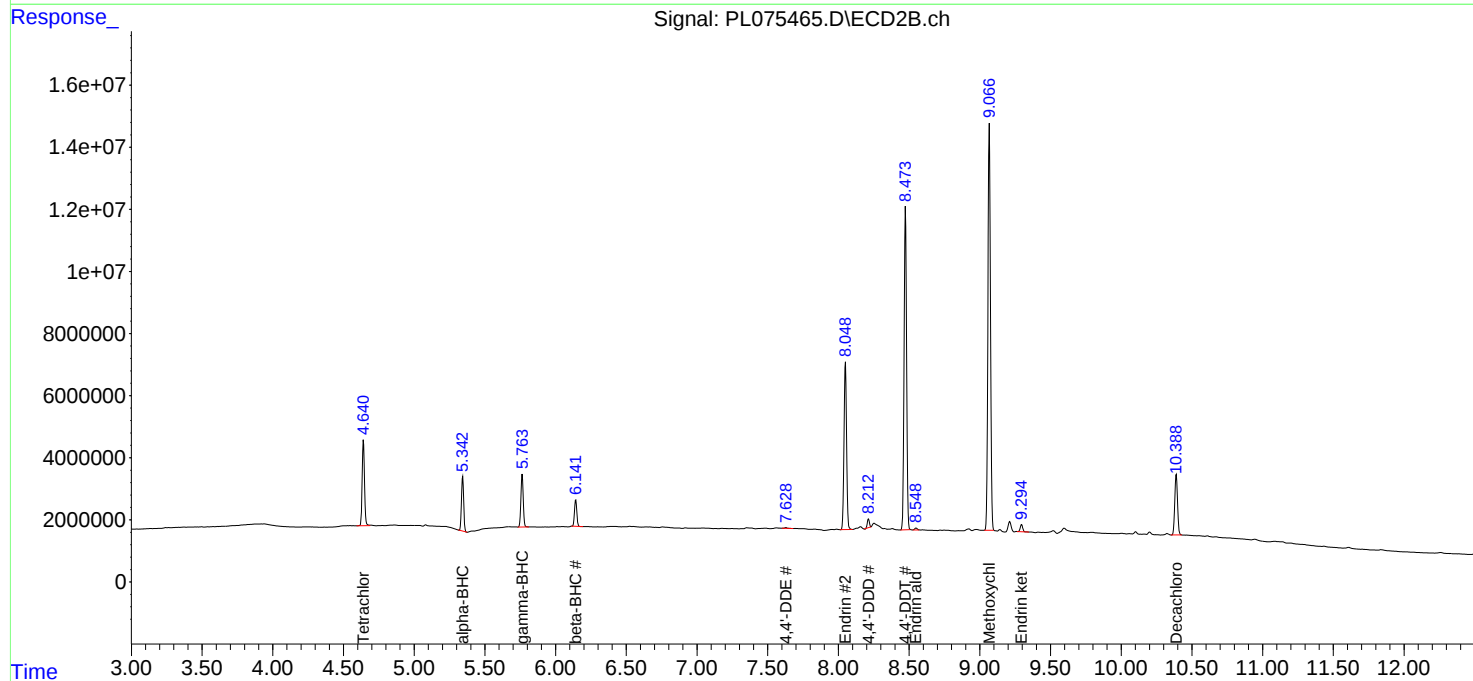
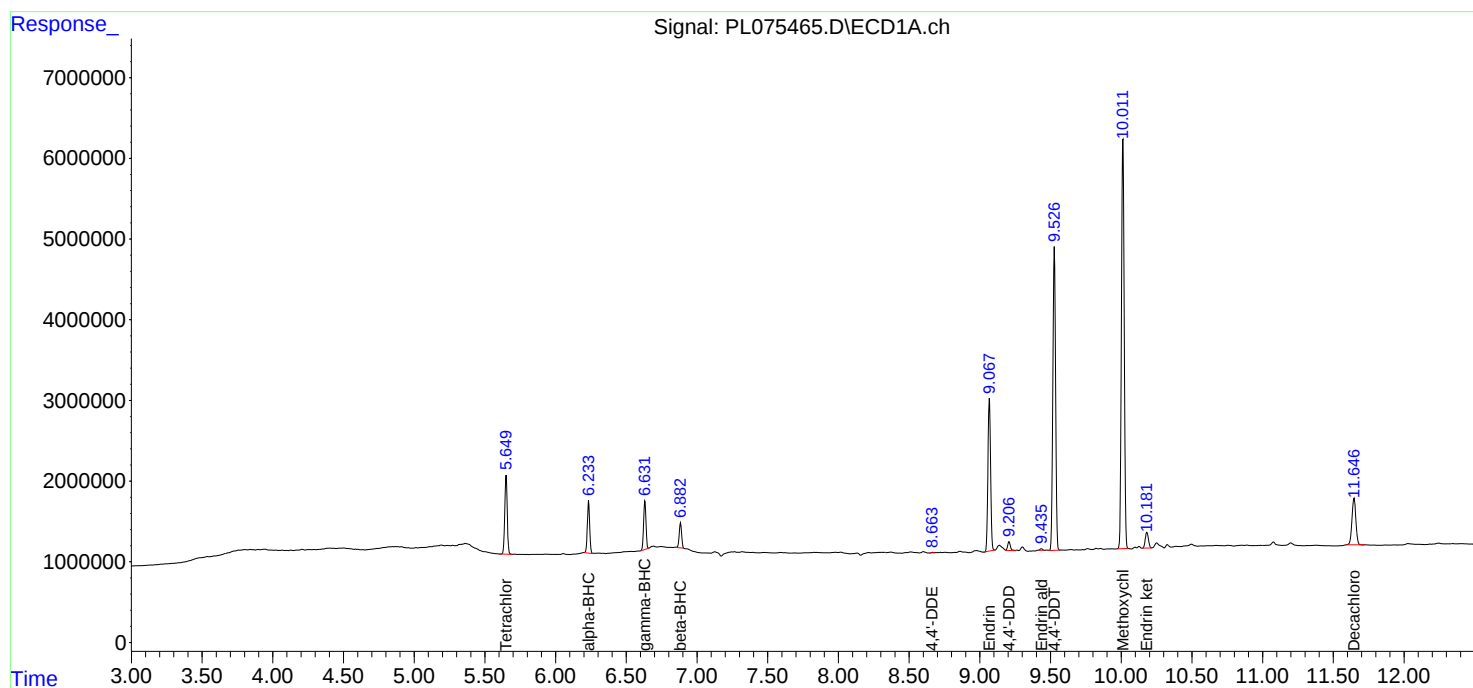
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

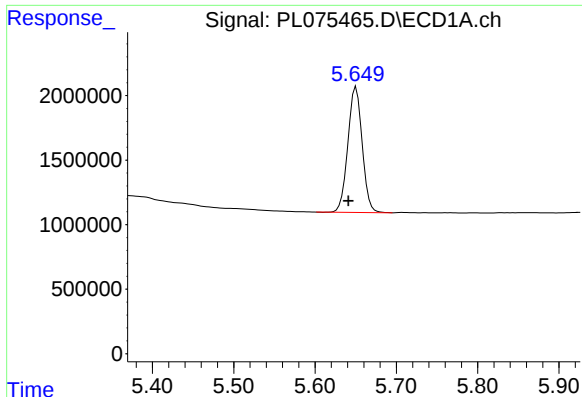
Manual Integrations  
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Supervised By :Ankita Jodhani 06/06/2022

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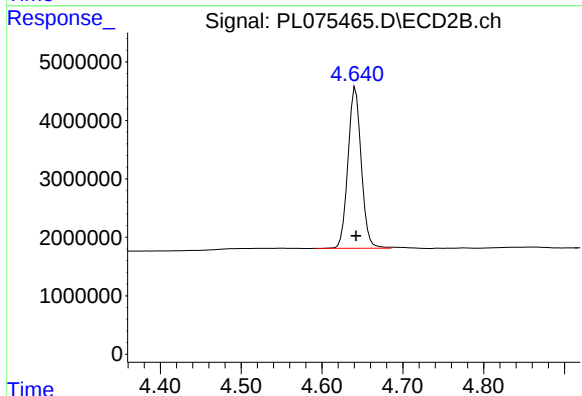
#1 Tetrachloro-m-xylene

R.T.: 5.651 min  
Delta R.T.: 0.010 min  
Response: 11852952  
Conc: 20.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

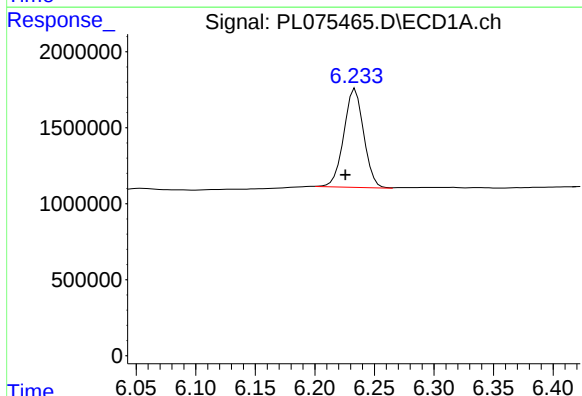
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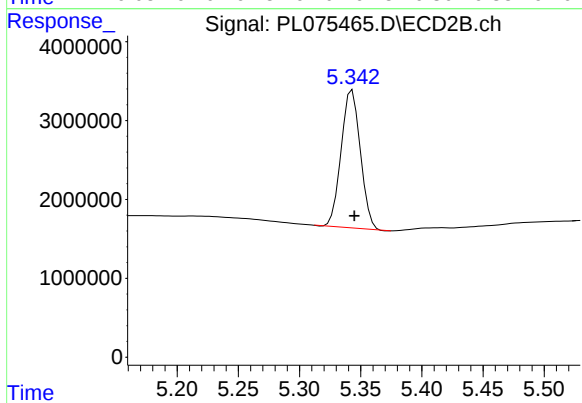
#1 Tetrachloro-m-xylene

R.T.: 4.642 min  
Delta R.T.: 0.000 min  
Response: 31494136  
Conc: 19.88 ng/ml



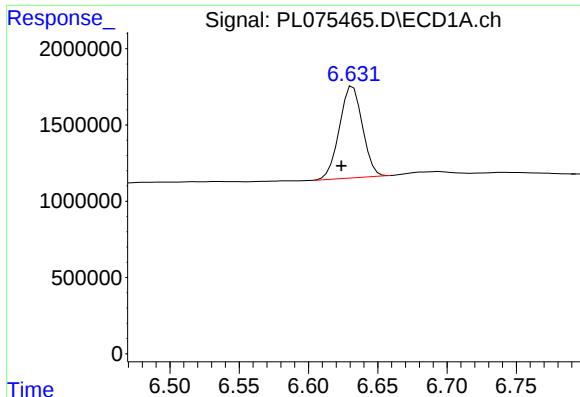
#2 alpha-BHC

R.T.: 6.233 min  
Delta R.T.: 0.007 min  
Response: 7521092  
Conc: 9.11 ng/ml m



#2 alpha-BHC

R.T.: 5.343 min  
Delta R.T.: -0.002 min  
Response: 19111810  
Conc: 8.83 ng/ml



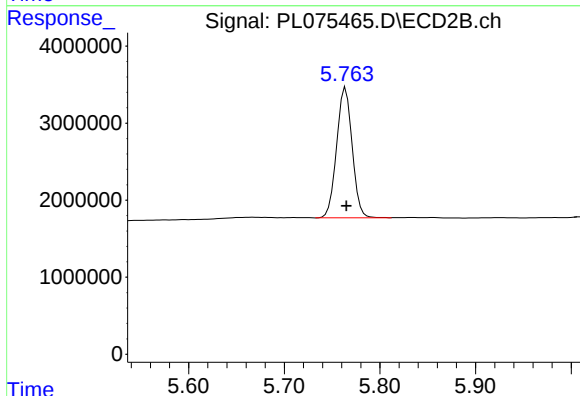
#3 gamma-BHC (Lindane)

R.T.: 6.631 min  
Delta R.T.: 0.007 min  
Response: 6960464  
Conc: 8.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

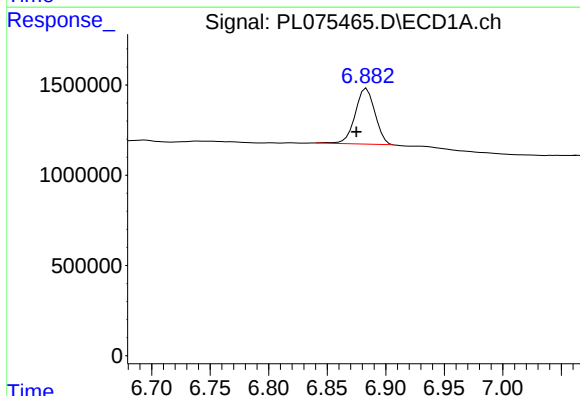
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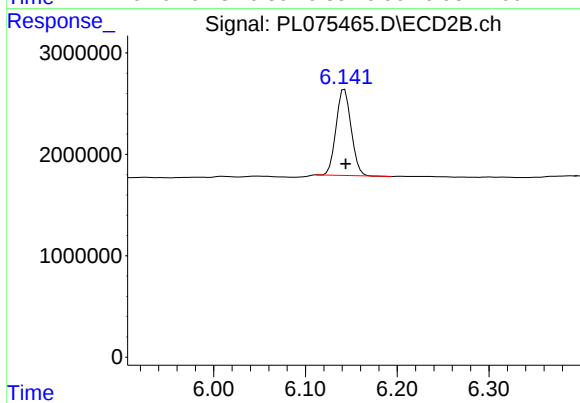
#3 gamma-BHC (Lindane)

R.T.: 5.764 min  
Delta R.T.: 0.000 min  
Response: 19094922  
Conc: 9.09 ng/ml



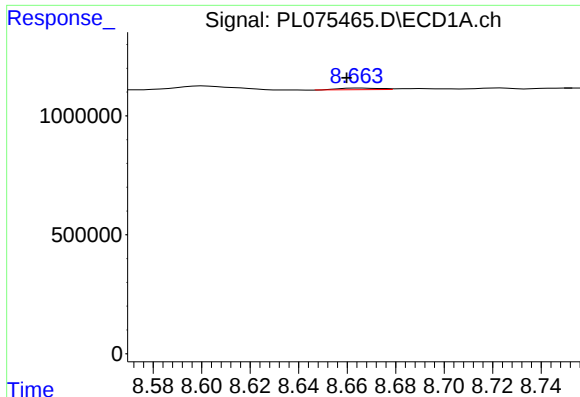
#6 beta-BHC

R.T.: 6.884 min  
Delta R.T.: 0.009 min  
Response: 3629615  
Conc: 9.75 ng/ml



#6 beta-BHC

R.T.: 6.143 min  
Delta R.T.: -0.001 min  
Response: 9743350  
Conc: 10.04 ng/ml



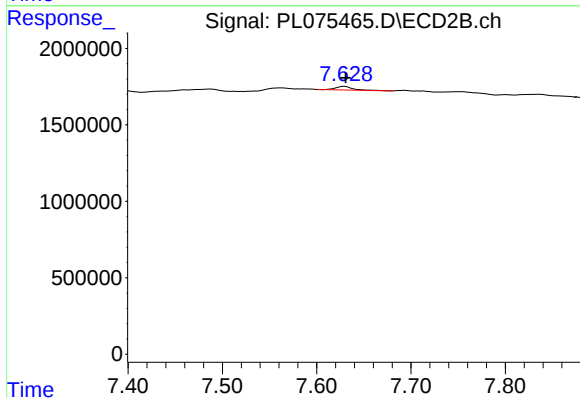
#12 4,4'-DDE

R.T.: 8.663 min  
Delta R.T.: 0.003 min  
Response: 79574  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

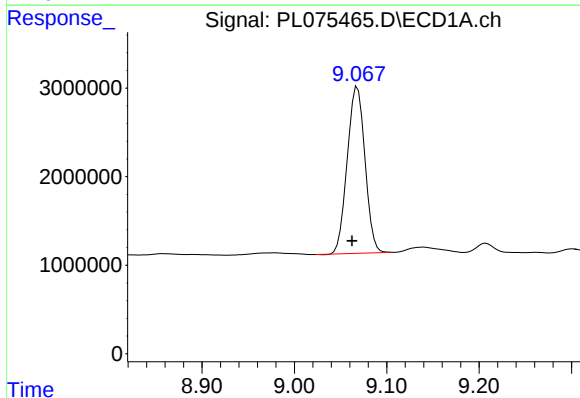
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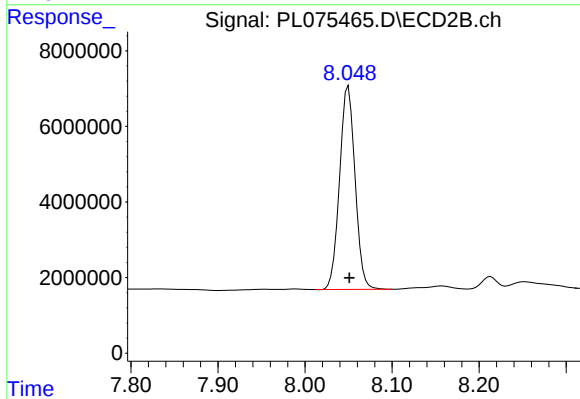
#12 4,4'-DDE

R.T.: 7.630 min  
Delta R.T.: -0.001 min  
Response: 286930  
Conc: 0.18 ng/ml



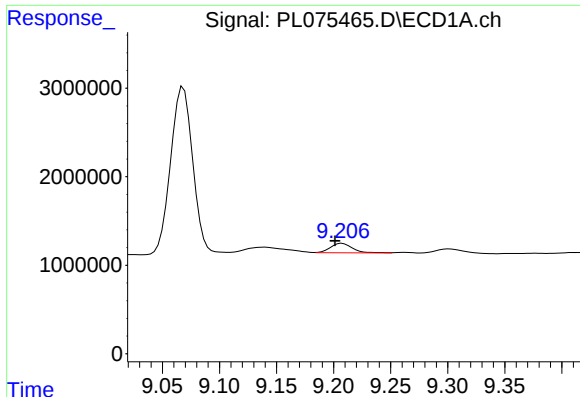
#14 Endrin

R.T.: 9.068 min  
Delta R.T.: 0.006 min  
Response: 25146120  
Conc: 47.35 ng/ml



#14 Endrin

R.T.: 8.050 min  
Delta R.T.: -0.001 min  
Response: 66623881  
Conc: 42.80 ng/ml



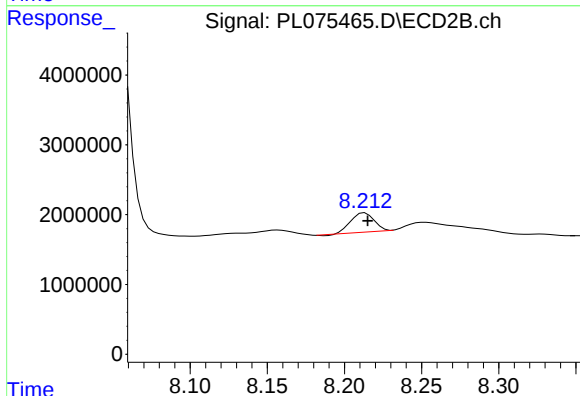
#16 4,4'-DDD

R.T.: 9.207 min  
Delta R.T.: 0.006 min  
Response: 1433750  
Conc: 2.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

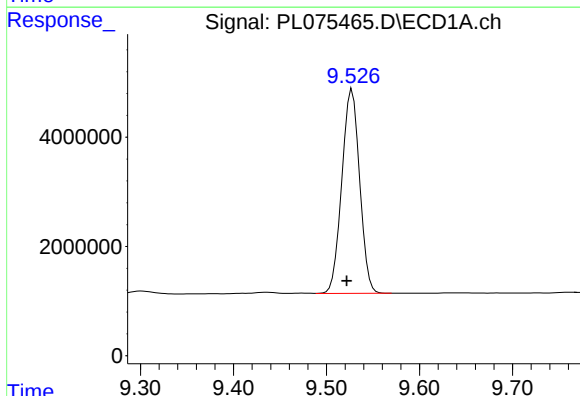
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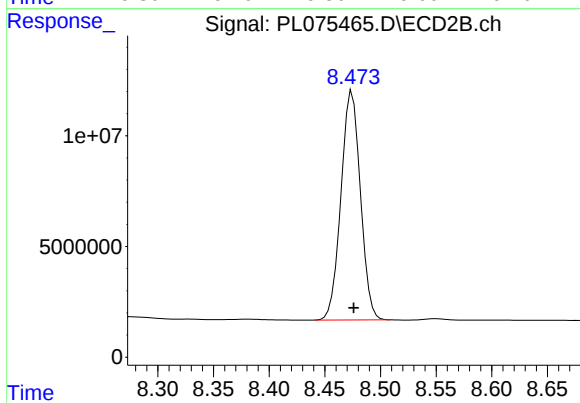
#16 4,4'-DDD

R.T.: 8.213 min  
Delta R.T.: -0.002 min  
Response: 2855920  
Conc: 2.14 ng/ml



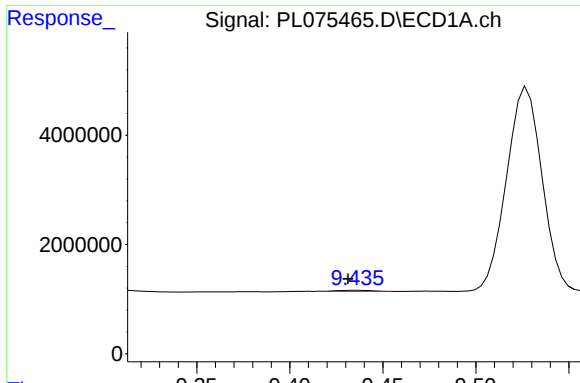
#17 4,4'-DDT

R.T.: 9.528 min  
Delta R.T.: 0.006 min  
Response: 49720934  
Conc: 85.36 ng/ml



#17 4,4'-DDT

R.T.: 8.475 min  
Delta R.T.: -0.001 min  
Response: 125709457  
Conc: 87.90 ng/ml



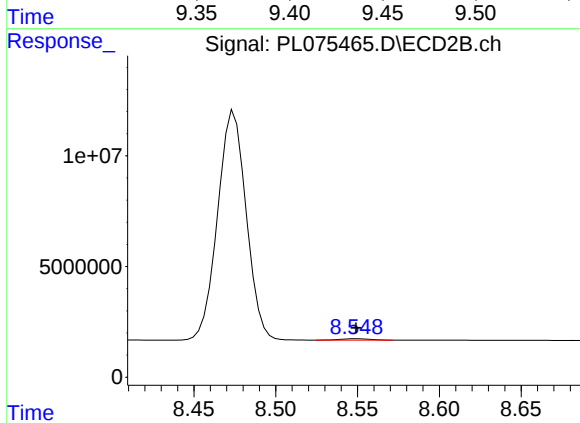
#18 Endrin aldehyde

R.T.: 9.435 min  
Delta R.T.: 0.004 min  
Response: 238184  
Conc: 0.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

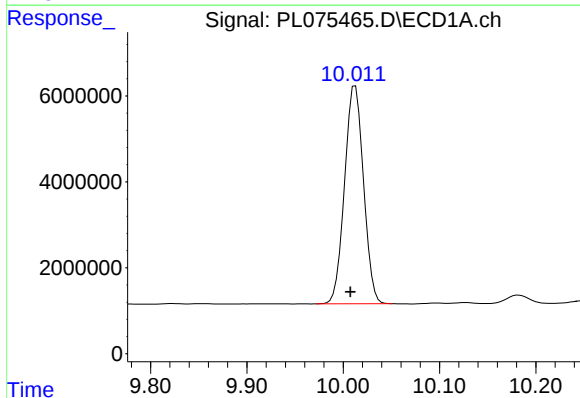
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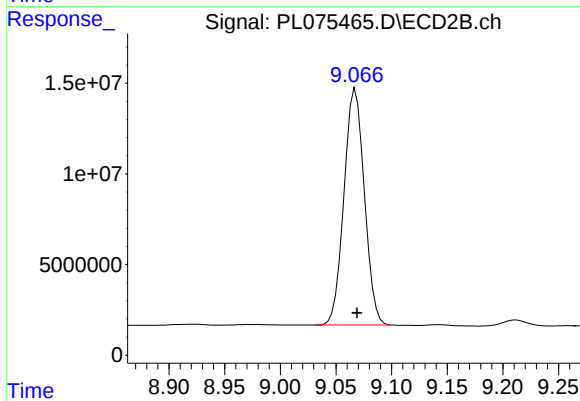
#18 Endrin aldehyde

R.T.: 8.548 min  
Delta R.T.: -0.001 min  
Response: 806946  
Conc: 0.67 ng/ml m



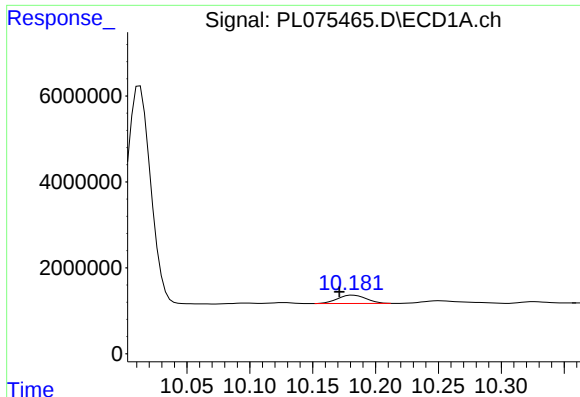
#20 Methoxychlor

R.T.: 10.013 min  
Delta R.T.: 0.005 min  
Response: 69082006  
Conc: 225.55 ng/ml



#20 Methoxychlor

R.T.: 9.068 min  
Delta R.T.: -0.001 min  
Response: 166195450  
Conc: 204.66 ng/ml



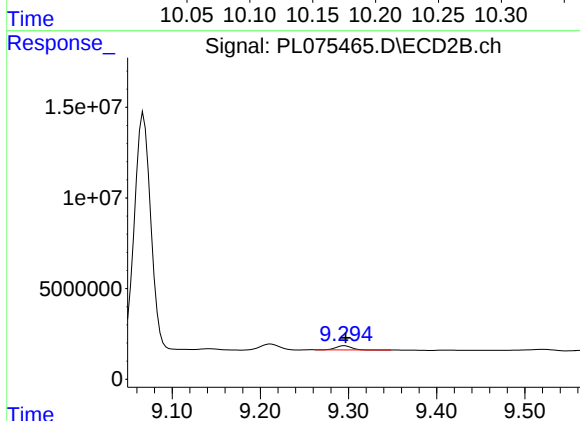
#21 Endrin ketone

R.T.: 10.181 min  
Delta R.T.: 0.010 min  
Response: 3081032  
Conc: 5.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

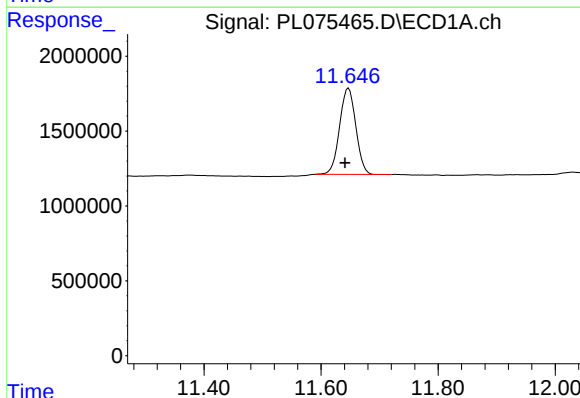
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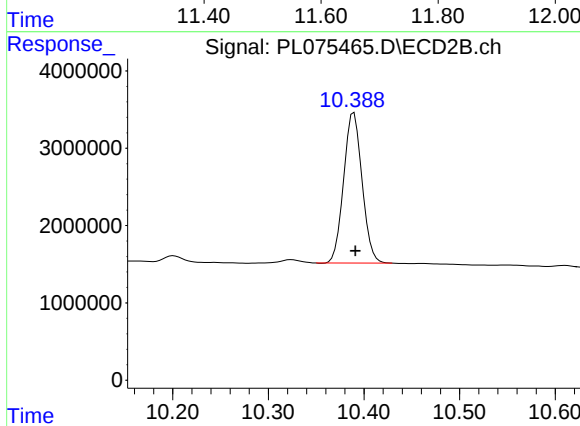
#21 Endrin ketone

R.T.: 9.296 min  
Delta R.T.: -0.001 min  
Response: 2750087  
Conc: 1.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.647 min  
Delta R.T.: 0.006 min  
Response: 11072264  
Conc: 20.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.389 min  
Delta R.T.: -0.002 min  
Response: 26136718  
Conc: 19.05 ng/ml