

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090324\  
 Data File : PL091473.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Sep 2024 09:43  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/04/2024  
 Supervised By : Ankita Jodhani 09/04/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 04 06:24:20 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 2024  
 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... | 3.543 | 2.784 | 40942349 | 42590144 | 19.068m | 21.819   |
| 28)                         | SA Decachlor... | 9.055 | 7.921 | 37002640 | 40022699 | 24.271  | 21.130   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.999 | 3.287 | 31291884 | 28257592 | 10.438  | 10.189   |
| 3)                          | MA gamma-BHC... | 4.331 | 3.617 | 30436335 | 25907147 | 10.610  | 9.836    |
| 6)                          | B beta-BHC      | 4.528 | 3.915 | 15040423 | 13163709 | 11.122  | 11.183   |
| 14)                         | MA Endrin       | 6.576 | 5.648 | 88561381 | 96491000 | 45.668m | 47.366   |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.796 | 3130029  | 2129144  | 2.071   | 1.290 #  |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.044 | 161.2E6  | 191.3E6  | 90.815  | 107.695m |
| 18)                         | B Endrin al...  | 6.926 | 6.121 | 2280063  | 2848701  | 1.428   | 1.829 #  |
| 20)                         | A Methoxychlor  | 7.500 | 6.619 | 211.1E6  | 215.1E6  | 224.560 | 216.614m |
| 21)                         | B Endrin ke...  | 7.644 | 6.848 | 4902394  | 4944248  | 2.335   | 2.270    |
| -----                       |                 |       |       |          |          |         |          |

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

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Acq On : 03 Sep 2024 09:43  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

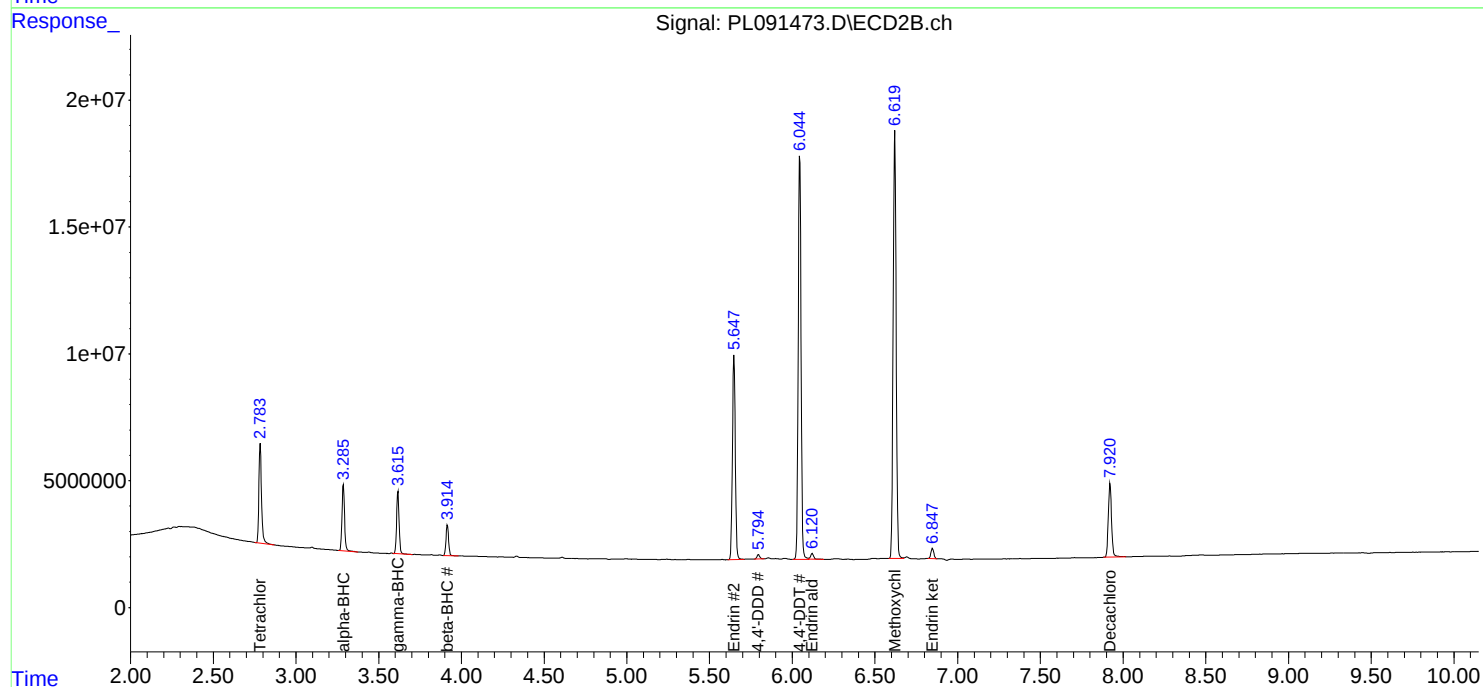
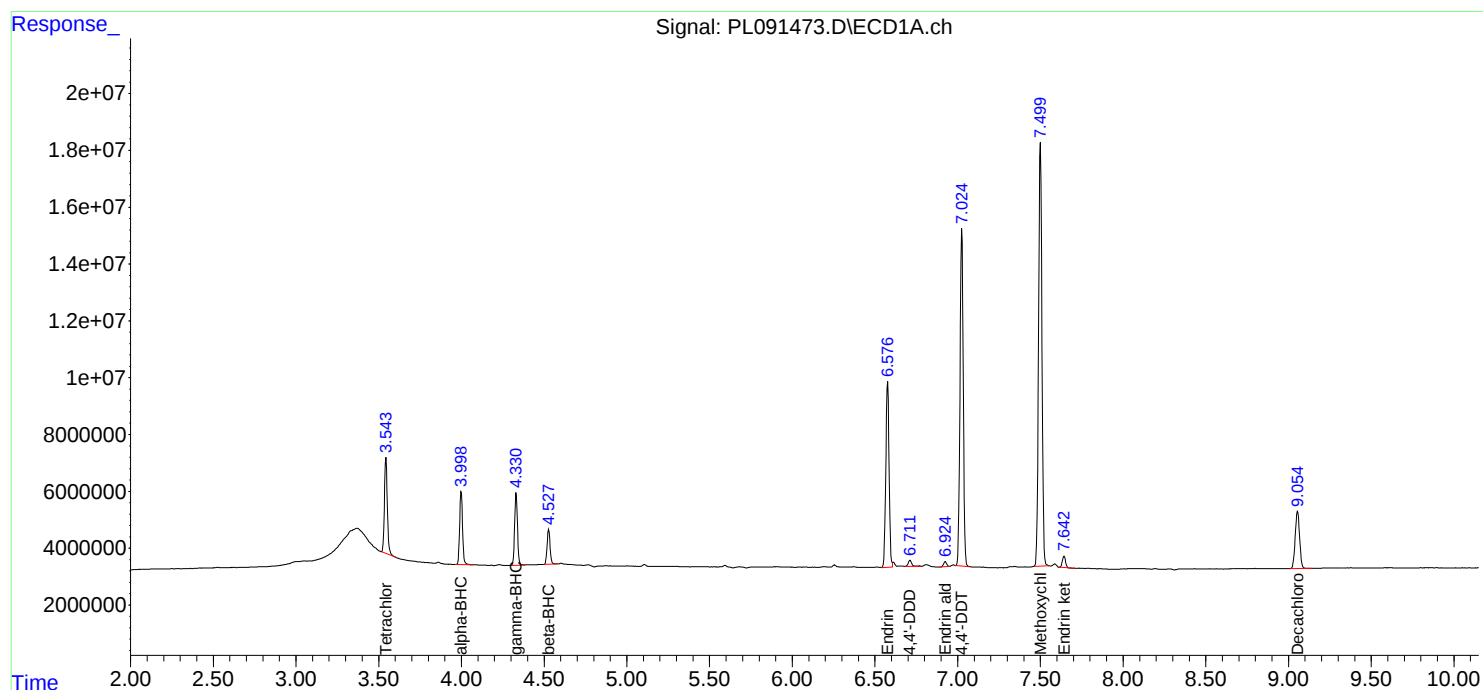
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

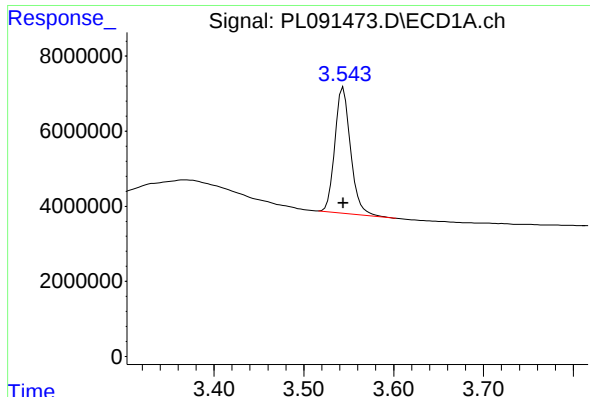
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Integration File signal 1: autoint1.e  
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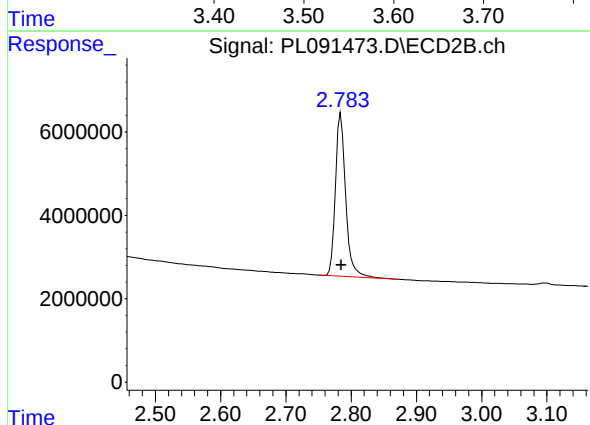
#1 Tetrachloro-m-xylene

R.T.: 3.543 min  
Delta R.T.: -0.001 min  
Response: 40942349  
Conc: 19.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

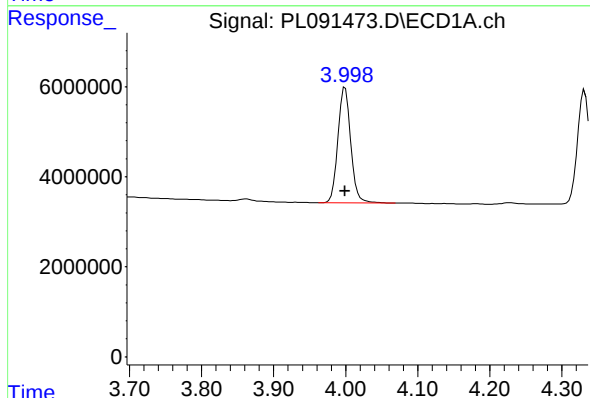
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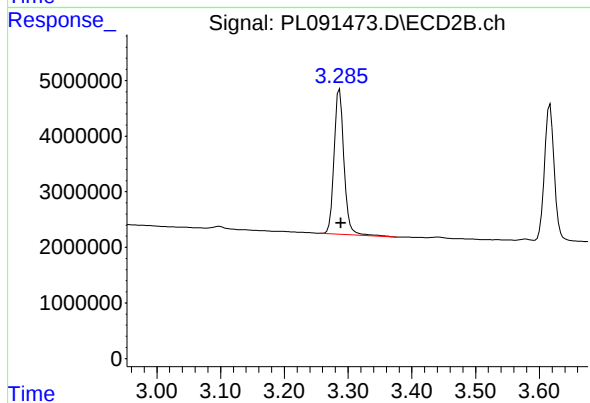
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: 0.000 min  
Response: 42590144  
Conc: 21.82 ng/ml



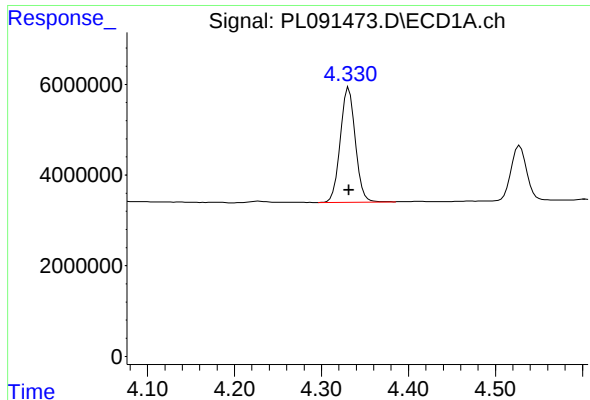
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 31291884  
Conc: 10.44 ng/ml



#2 alpha-BHC

R.T.: 3.287 min  
Delta R.T.: -0.002 min  
Response: 28257592  
Conc: 10.19 ng/ml



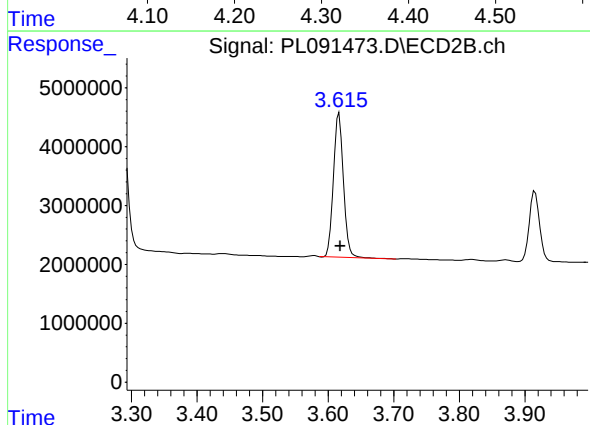
#3 gamma-BHC (Lindane)

R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 30436335  
Conc: 10.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

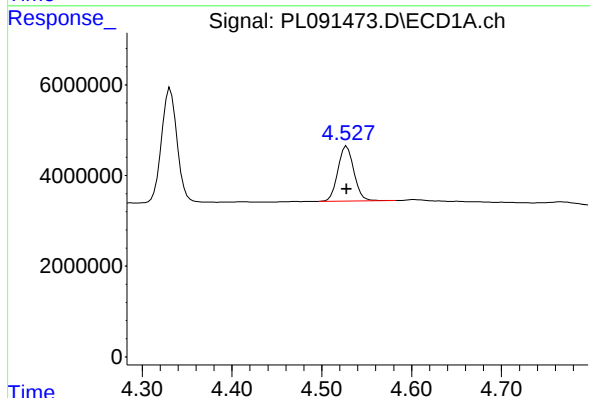
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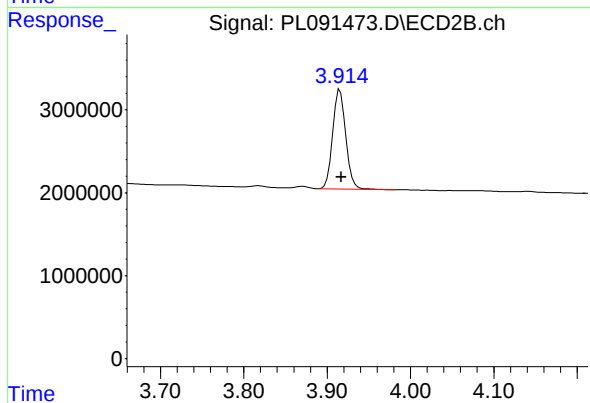
#3 gamma-BHC (Lindane)

R.T.: 3.617 min  
Delta R.T.: -0.002 min  
Response: 25907147  
Conc: 9.84 ng/ml



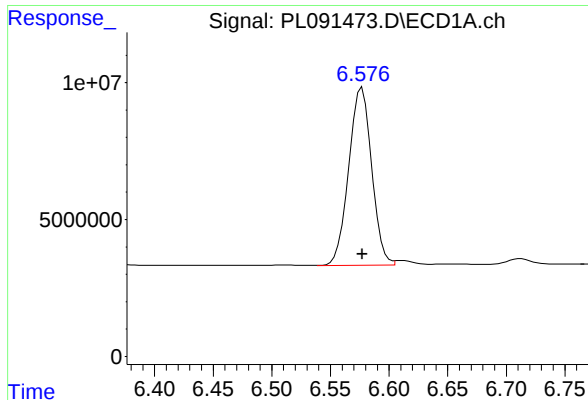
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 15040423  
Conc: 11.12 ng/ml



#6 beta-BHC

R.T.: 3.915 min  
Delta R.T.: -0.001 min  
Response: 13163709  
Conc: 11.18 ng/ml



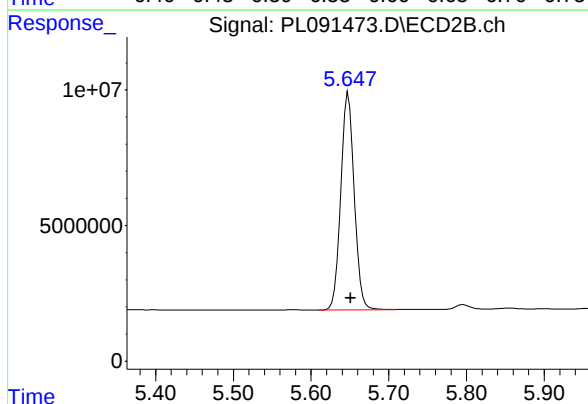
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: -0.002 min  
Response: 88561381  
Conc: 45.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

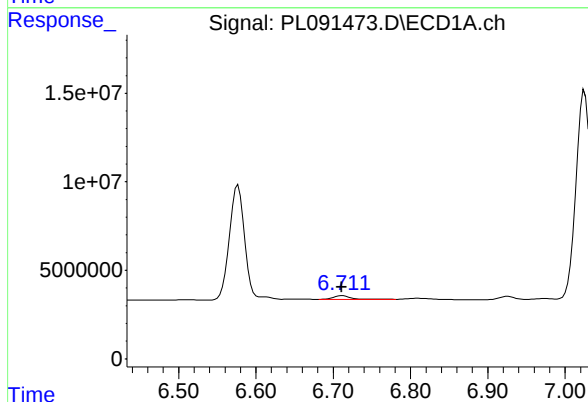
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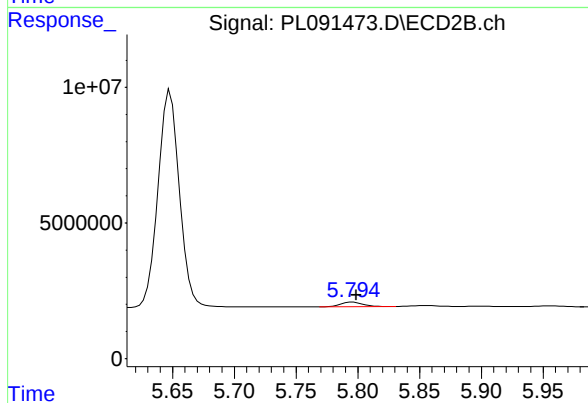
#14 Endrin

R.T.: 5.648 min  
Delta R.T.: -0.003 min  
Response: 96491000  
Conc: 47.37 ng/ml



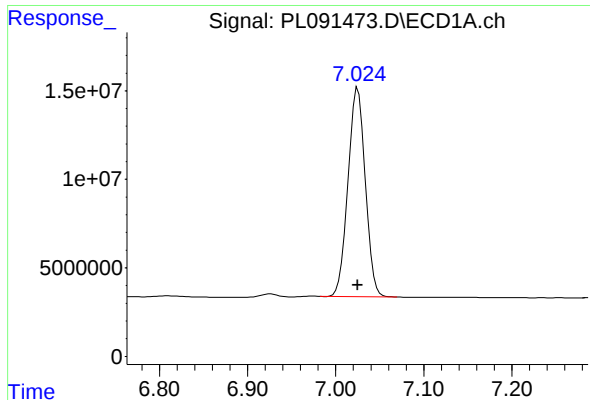
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.000 min  
Response: 3130029  
Conc: 2.07 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min  
Delta R.T.: -0.003 min  
Response: 2129144  
Conc: 1.29 ng/ml



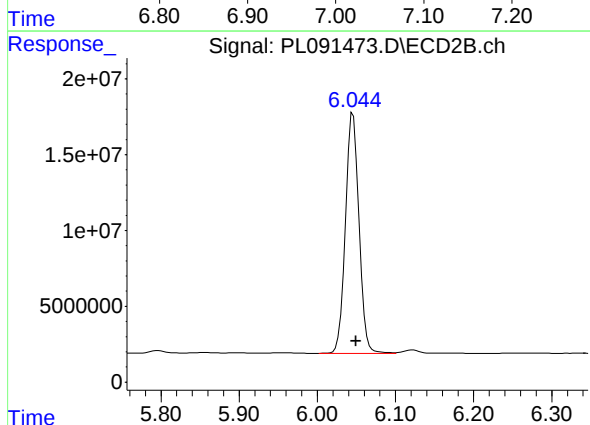
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: 0.000 min  
Response: 161202991  
Conc: 90.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

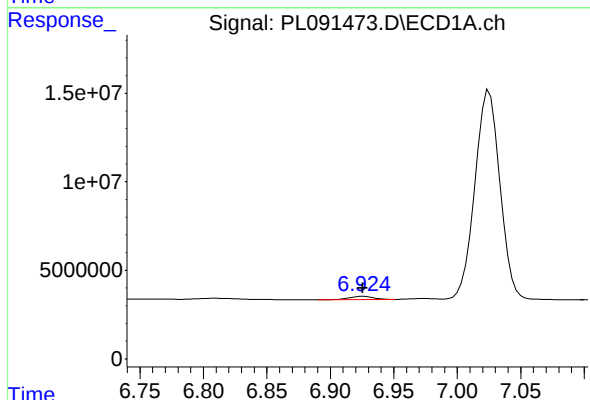
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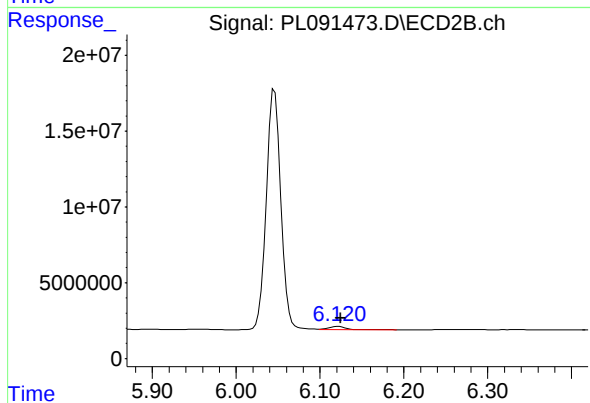
#17 4,4'-DDT

R.T.: 6.044 min  
Delta R.T.: -0.005 min  
Response: 191309658  
Conc: 107.69 ng/ml



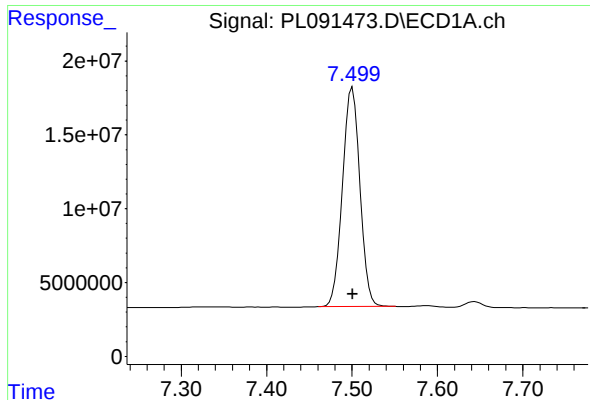
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 2280063  
Conc: 1.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.121 min  
Delta R.T.: -0.003 min  
Response: 2848701  
Conc: 1.83 ng/ml



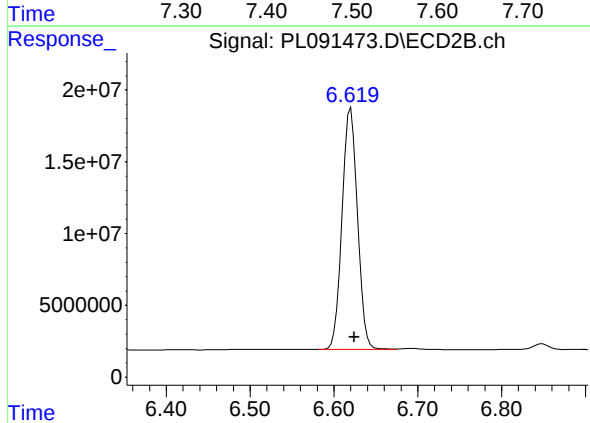
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.000 min  
Response: 211145873  
Conc: 224.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

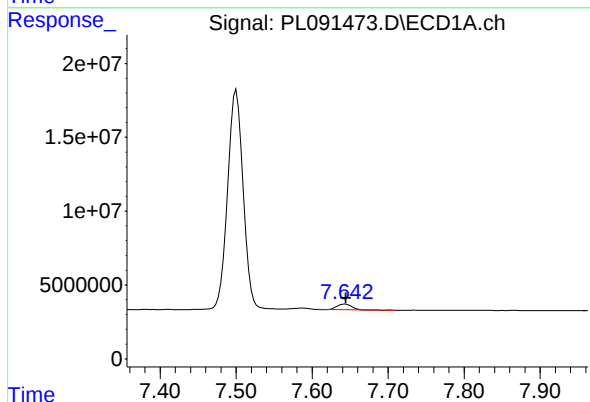
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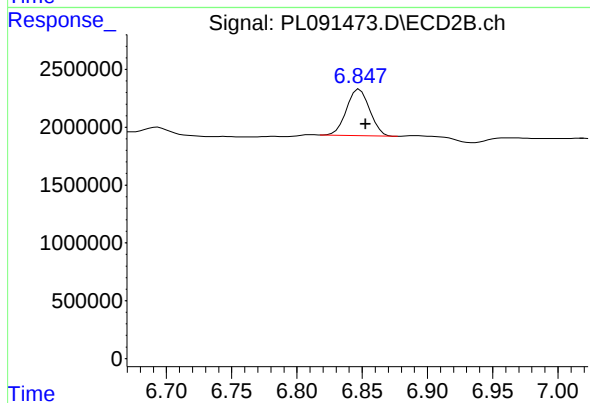
#20 Methoxychlor

R.T.: 6.619 min  
Delta R.T.: -0.006 min  
Response: 215094259  
Conc: 216.61 ng/ml



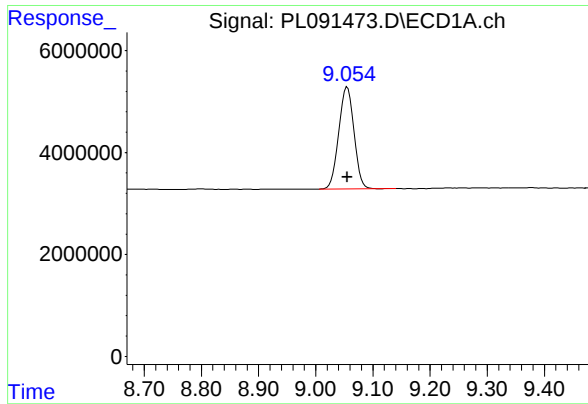
#21 Endrin ketone

R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 4902394  
Conc: 2.33 ng/ml



#21 Endrin ketone

R.T.: 6.848 min  
Delta R.T.: -0.005 min  
Response: 4944248  
Conc: 2.27 ng/ml



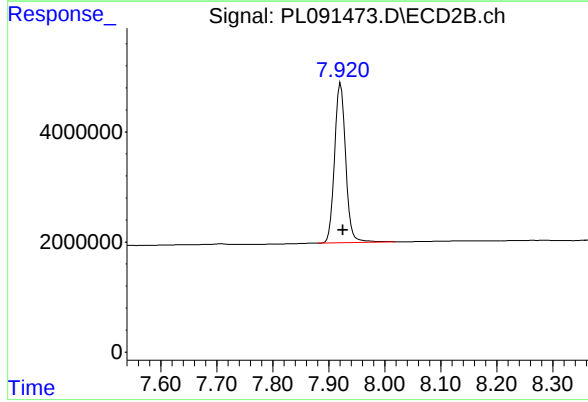
#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: 0.000 min  
Response: 37002640  
Conc: 24.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: -0.004 min  
Response: 40022699  
Conc: 21.13 ng/ml