

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110624\  
 Data File : PL092867.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Nov 2024 12:22  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 11/07/2024  
 Supervised By : Ankita Jodhani 11/07/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 06 13:11:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 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...          | 3.541 | 2.778 | 55657642 | 58285727 | 22.715  | 21.419  |
| 28) SA Decachlor...         | 9.057 | 7.917 | 42250535 | 58762619 | 21.953  | 21.531  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.997 | 3.281 | 39837016 | 41530102 | 11.746  | 10.408  |
| 3) MA gamma-BHC...          | 4.330 | 3.611 | 37776476 | 38657816 | 11.589  | 10.016  |
| 6) B beta-BHC               | 4.527 | 3.911 | 17499446 | 19105974 | 12.106  | 11.606  |
| 12) B 4,4'-DDE              | 6.193 | 5.236 | 412544   | 343042   | 0.174m  | 0.106m# |
| 14) MA Endrin               | 6.577 | 5.642 | 109.9E6  | 154.9E6  | 48.268  | 53.558  |
| 16) A 4,4'-DDD              | 6.714 | 5.791 | 1798418  | 1647168  | 0.937   | 0.661m# |
| 17) MA 4,4'-DDT             | 7.027 | 6.041 | 206.2E6  | 315.0E6  | 99.604  | 117.420 |
| 18) B Endrin al...          | 6.926 | 6.116 | 2629454  | 3982819  | 1.400   | 1.726   |
| 20) A Methoxychlor          | 7.502 | 6.616 | 260.6E6  | 373.4E6  | 228.554 | 261.450 |
| 21) B Endrin ke...          | 7.645 | 6.842 | 5395390  | 6396349  | 2.227   | 2.084m  |
| -----                       |       |       |          |          |         |         |

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

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Acq On : 06 Nov 2024 12:22  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

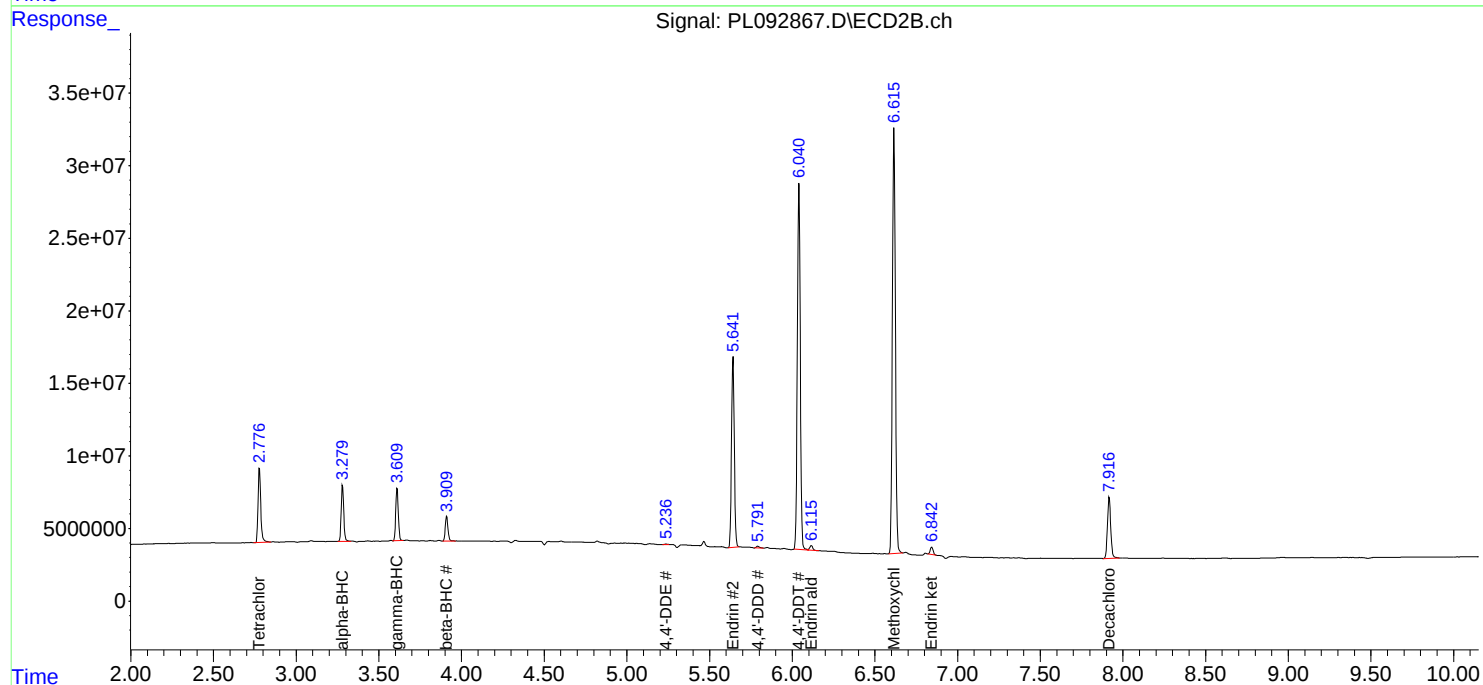
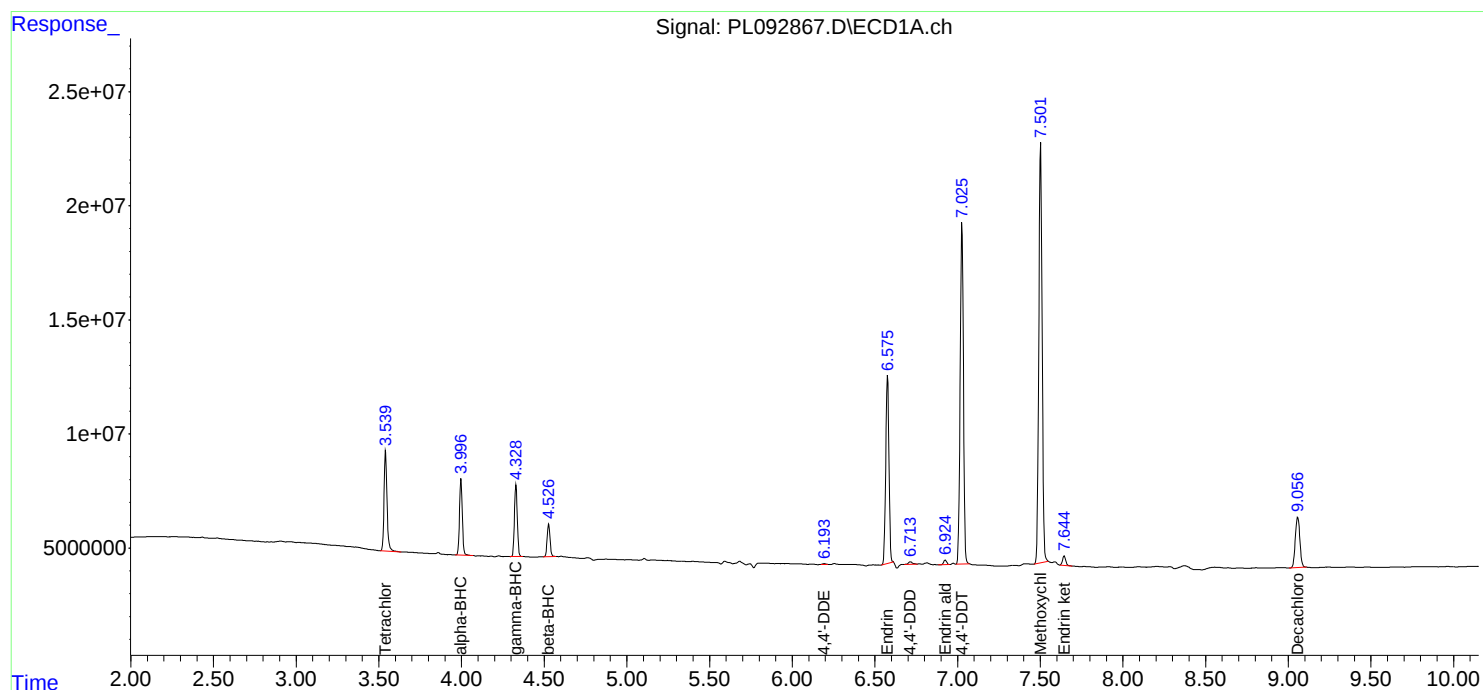
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

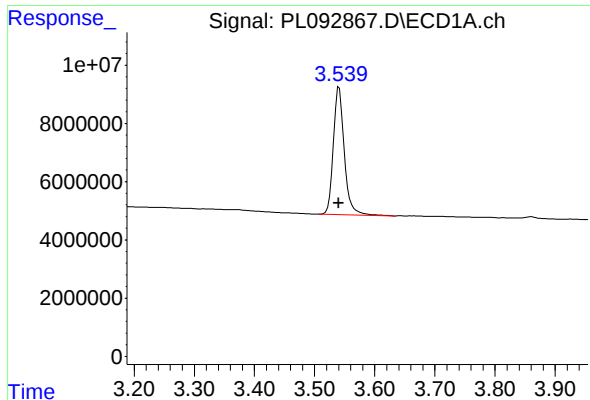
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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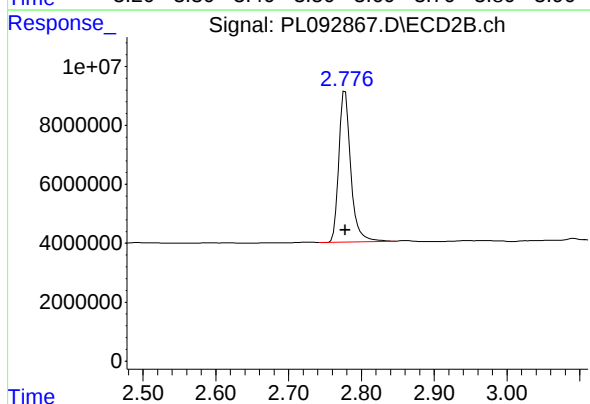
#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: 0.000 min  
Response: 55657642  
Conc: 22.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

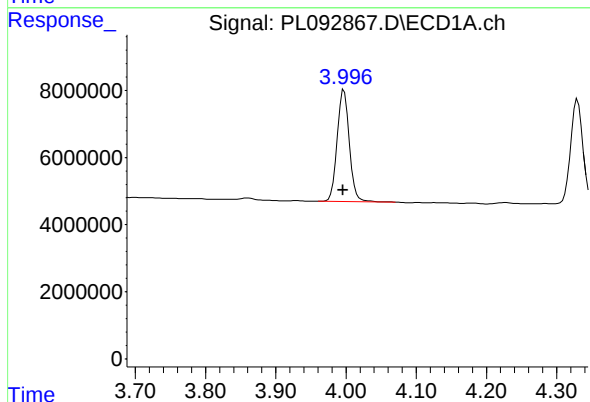
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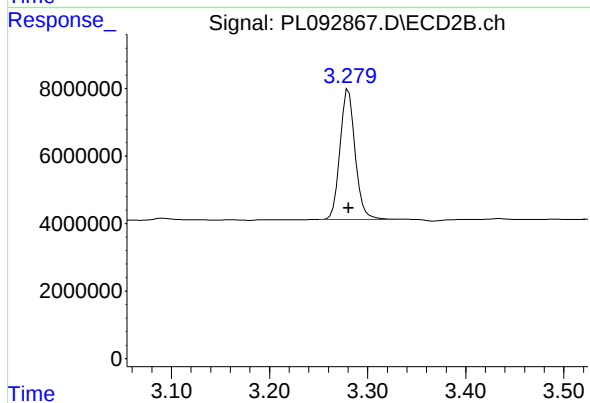
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 58285727  
Conc: 21.42 ng/ml



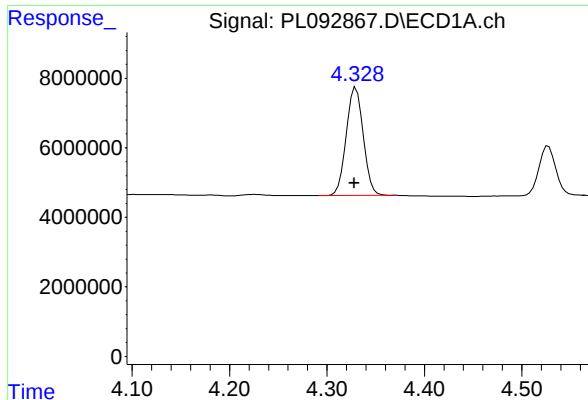
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.001 min  
Response: 39837016  
Conc: 11.75 ng/ml



#2 alpha-BHC

R.T.: 3.281 min  
Delta R.T.: 0.000 min  
Response: 41530102  
Conc: 10.41 ng/ml



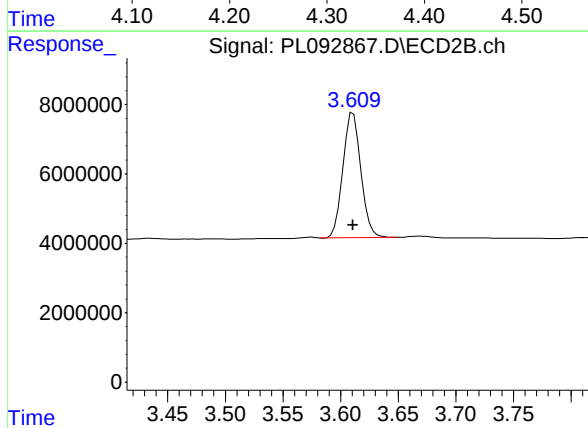
#3 gamma-BHC (Lindane)

R.T.: 4.330 min  
Delta R.T.: 0.002 min  
Response: 37776476  
Conc: 11.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

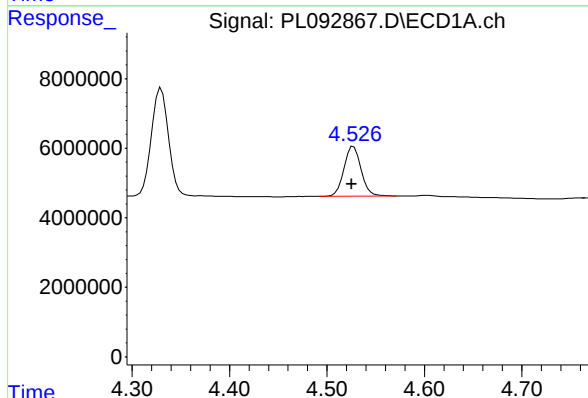
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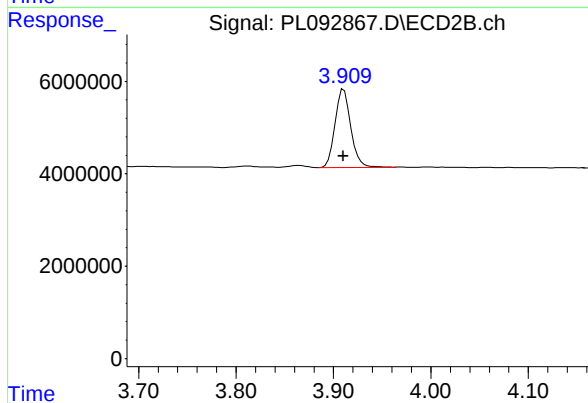
#3 gamma-BHC (Lindane)

R.T.: 3.611 min  
Delta R.T.: 0.000 min  
Response: 38657816  
Conc: 10.02 ng/ml



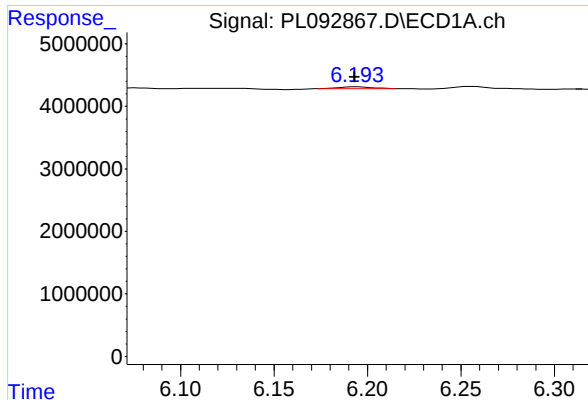
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.002 min  
Response: 17499446  
Conc: 12.11 ng/ml



#6 beta-BHC

R.T.: 3.911 min  
Delta R.T.: 0.000 min  
Response: 19105974  
Conc: 11.61 ng/ml



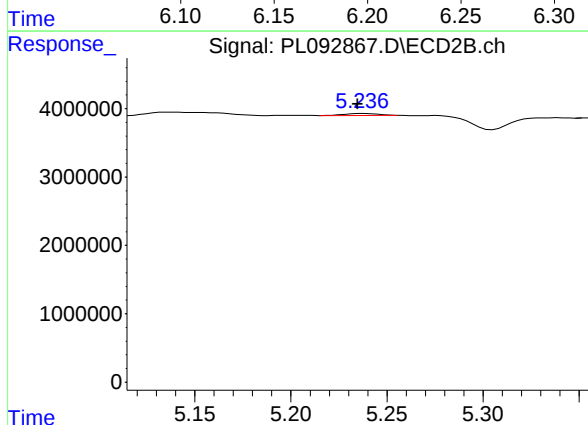
#12 4,4'-DDE

R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 412544  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

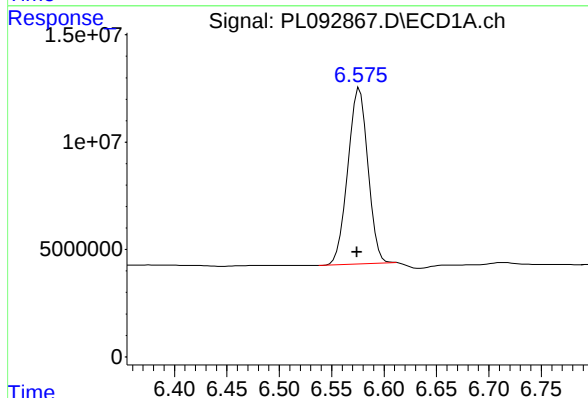
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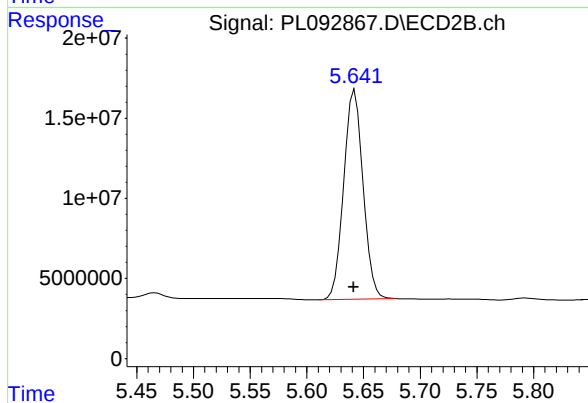
#12 4,4'-DDE

R.T.: 5.236 min  
Delta R.T.: 0.000 min  
Response: 343042  
Conc: 0.11 ng/ml



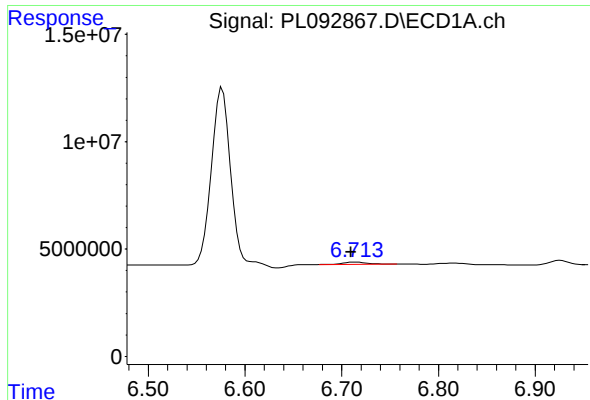
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: 0.002 min  
Response: 109889878  
Conc: 48.27 ng/ml



#14 Endrin

R.T.: 5.642 min  
Delta R.T.: 0.000 min  
Response: 154944953  
Conc: 53.56 ng/ml



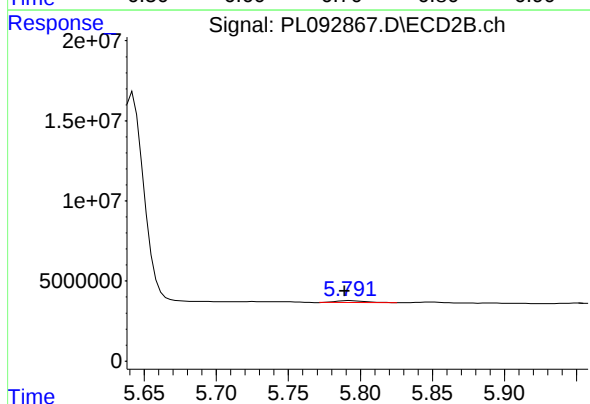
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: 0.005 min  
Response: 1798418  
Conc: 0.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

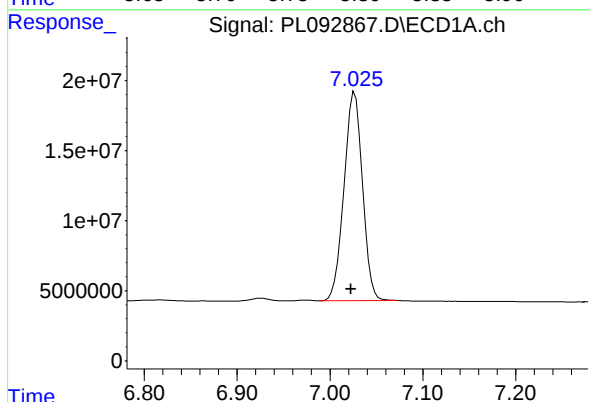
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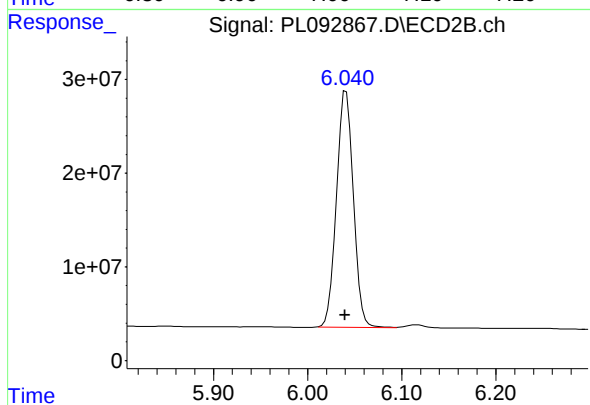
#16 4,4'-DDD

R.T.: 5.791 min  
Delta R.T.: 0.002 min  
Response: 1647168  
Conc: 0.66 ng/ml



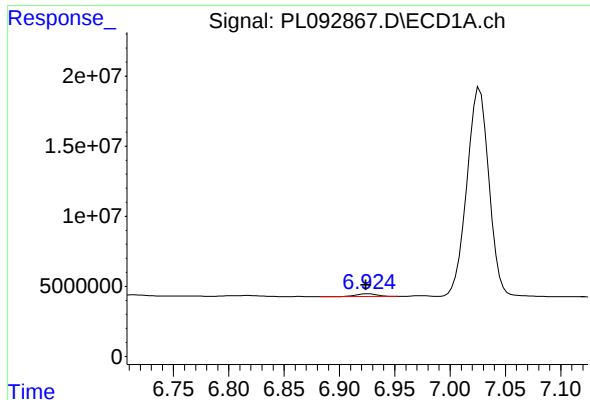
#17 4,4'-DDT

R.T.: 7.027 min  
Delta R.T.: 0.004 min  
Response: 206156485  
Conc: 99.60 ng/ml



#17 4,4'-DDT

R.T.: 6.041 min  
Delta R.T.: 0.001 min  
Response: 314950168  
Conc: 117.42 ng/ml



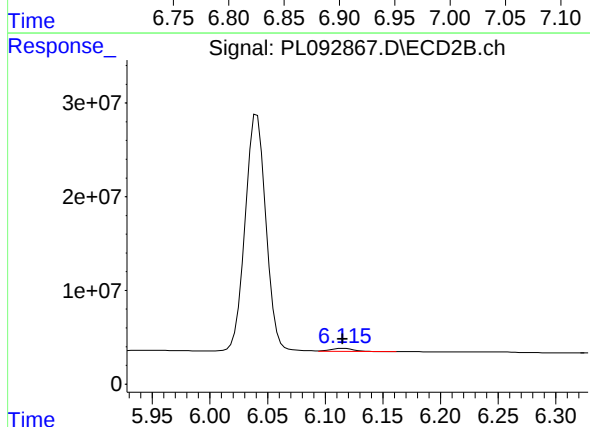
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.002 min  
Response: 2629454  
Conc: 1.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

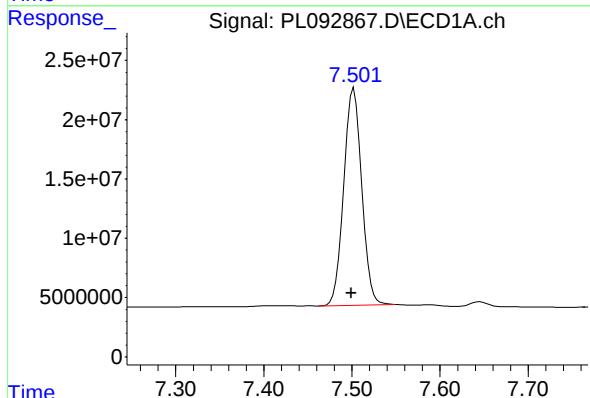
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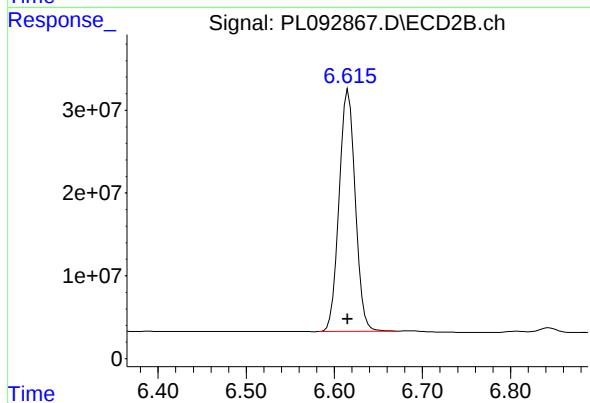
#18 Endrin aldehyde

R.T.: 6.116 min  
Delta R.T.: 0.000 min  
Response: 3982819  
Conc: 1.73 ng/ml



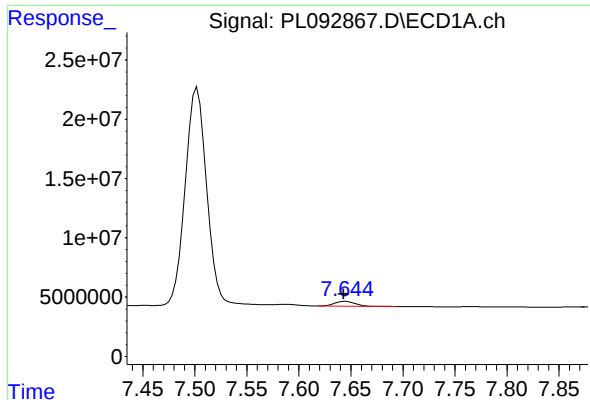
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: 0.003 min  
Response: 260550716  
Conc: 228.55 ng/ml



#20 Methoxychlor

R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 373358979  
Conc: 261.45 ng/ml



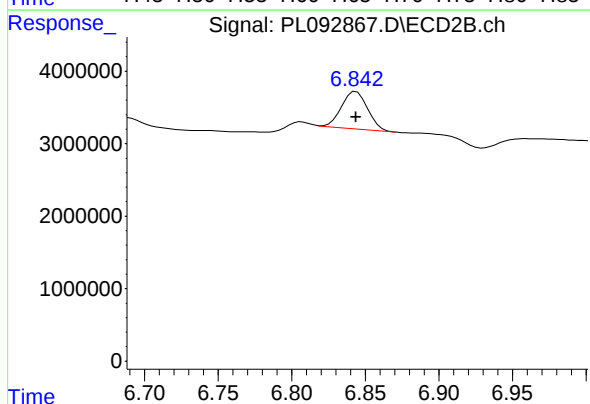
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: 0.002 min  
Response: 5395390  
Conc: 2.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

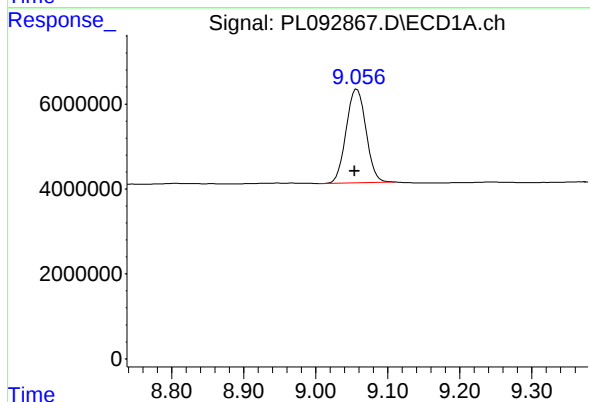
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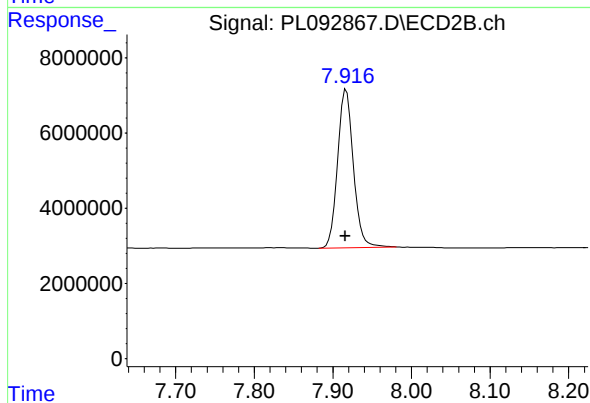
#21 Endrin ketone

R.T.: 6.842 min  
Delta R.T.: -0.001 min  
Response: 6396349  
Conc: 2.08 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.003 min  
Response: 42250535  
Conc: 21.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.917 min  
Delta R.T.: 0.001 min  
Response: 58762619  
Conc: 21.53 ng/ml