

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081624\  
 Data File : PL091187.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Aug 2024 00:31  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/19/2024  
 Supervised By :Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 17 07:59:18 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...          | 3.544 | 2.785 | 38928010 | 37308992 | 18.130  | 19.113  |
| 28) SA Decachlor...         | 9.054 | 7.924 | 30268555 | 35672443 | 19.854  | 18.833  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.999 | 3.286 | 29236759 | 24750025 | 9.753   | 8.924m  |
| 3) MA gamma-BHC...          | 4.332 | 3.618 | 28170914 | 23350688 | 9.820   | 8.865   |
| 6) B beta-BHC               | 4.527 | 3.915 | 13842623 | 11996992 | 10.236  | 10.192m |
| 12) B 4,4'-DDE              | 6.193 | 5.242 | 426858   | 248959   | 0.204m  | 0.119m# |
| 14) MA Endrin               | 6.575 | 5.650 | 82261603 | 91522167 | 42.420m | 44.927  |
| 16) A 4,4'-DDD              | 6.711 | 5.797 | 8845102  | 7220547  | 5.852   | 4.374 # |
| 17) MA 4,4'-DDT             | 7.025 | 6.046 | 140.6E6  | 168.5E6  | 79.213  | 94.872m |
| 18) B Endrin al...          | 6.925 | 6.123 | 2814333  | 2964080  | 1.763   | 1.903   |
| 20) A Methoxychlor          | 7.500 | 6.622 | 183.7E6  | 213.4E6  | 195.404 | 214.939 |
| 21) B Endrin ke...          | 7.643 | 6.850 | 6974020  | 7215714  | 3.321   | 3.313   |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081624\  
Data File : PL091187.D  
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Acq On : 17 Aug 2024 00:31  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

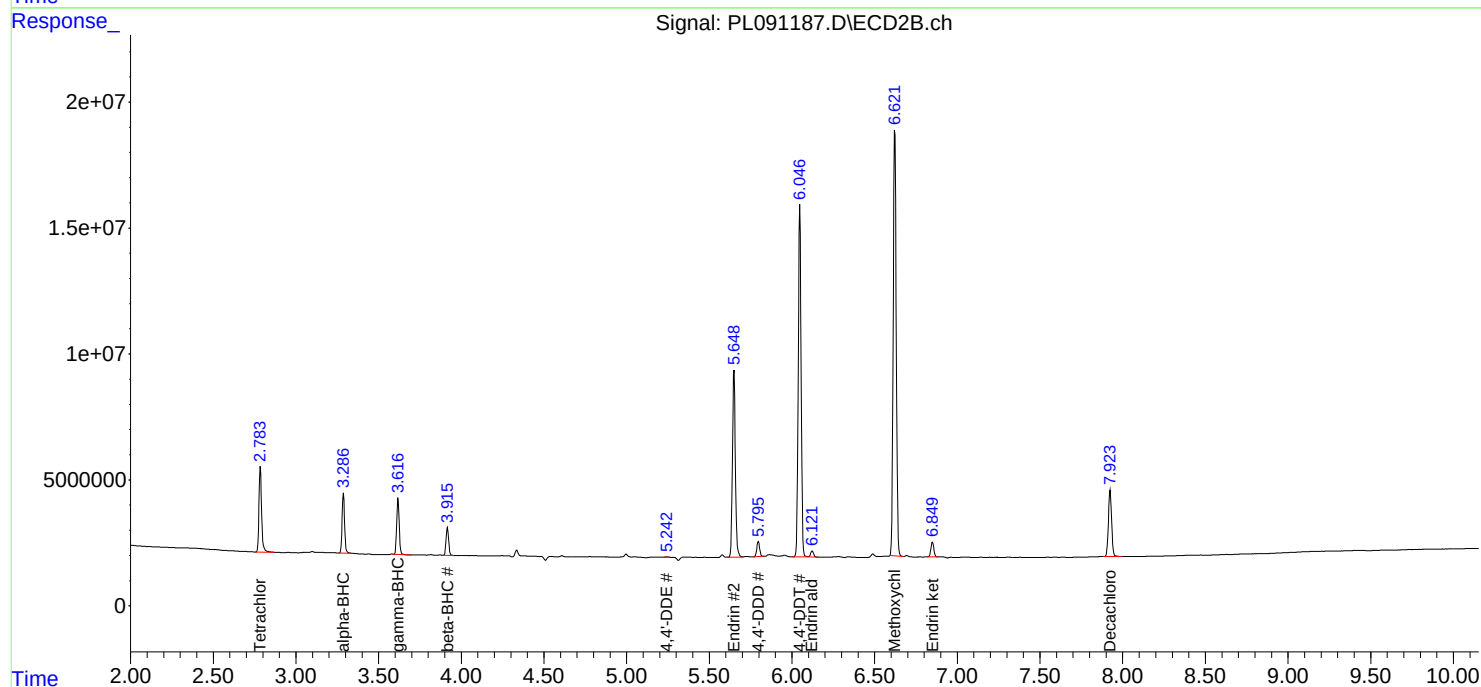
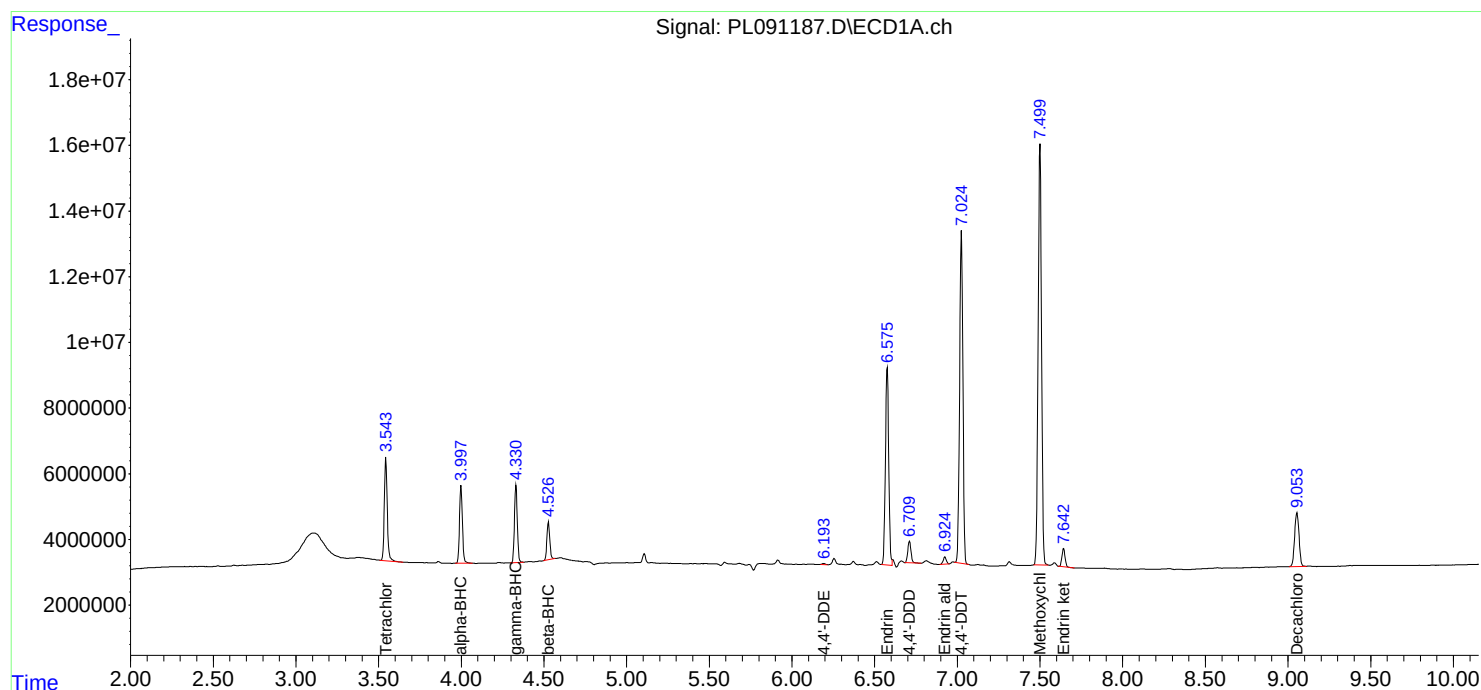
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

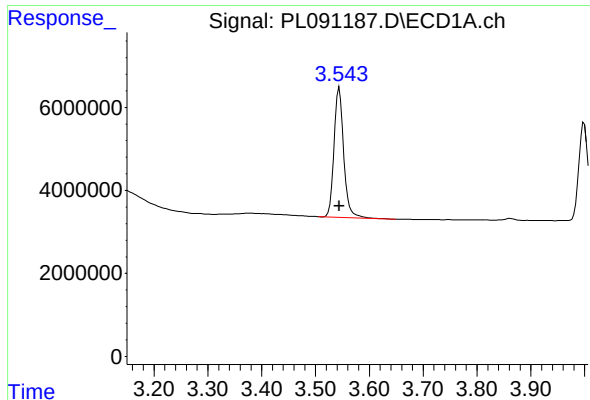
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Integration File signal 1: autoint1.e  
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Volume Inj. : 1 µl  
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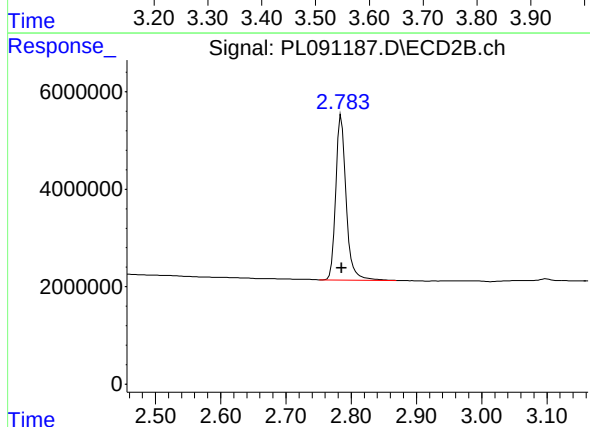
#1 Tetrachloro-m-xylene

R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 38928010  
Conc: 18.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

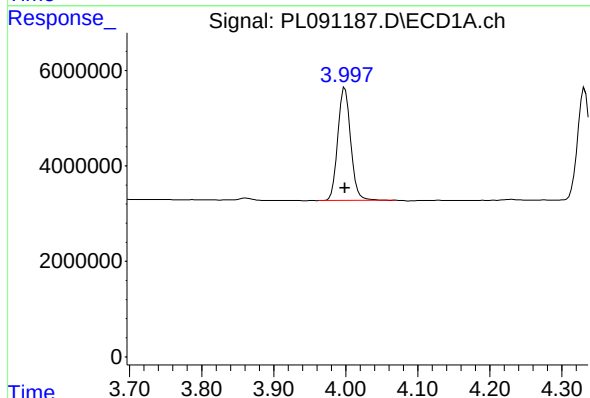
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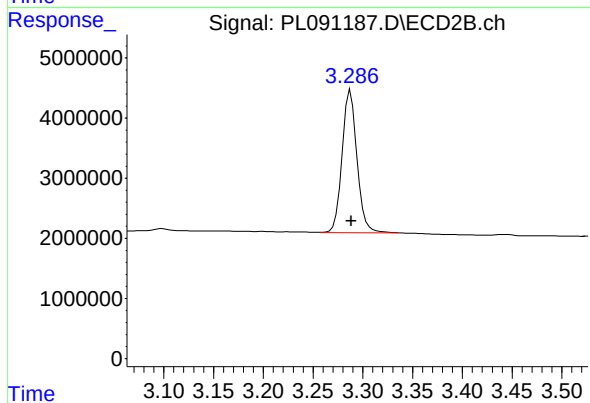
#1 Tetrachloro-m-xylene

R.T.: 2.785 min  
Delta R.T.: 0.000 min  
Response: 37308992  
Conc: 19.11 ng/ml



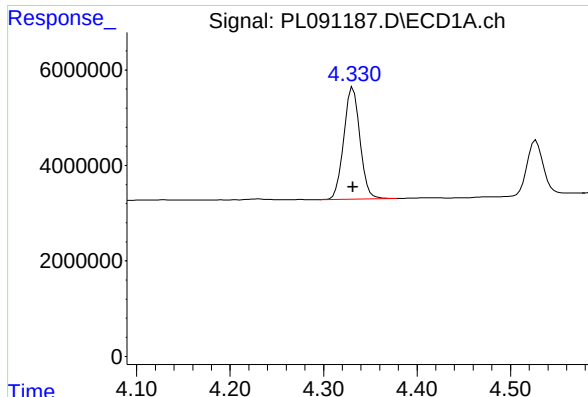
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 29236759  
Conc: 9.75 ng/ml



#2 alpha-BHC

R.T.: 3.286 min  
Delta R.T.: -0.002 min  
Response: 24750025  
Conc: 8.92 ng/ml m



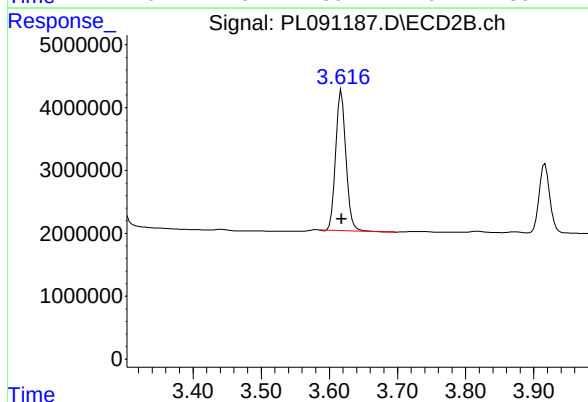
#3 gamma-BHC (Lindane)

R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: 28170914  
Conc: 9.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

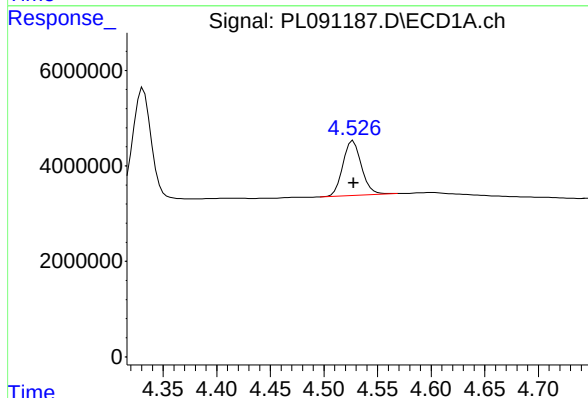
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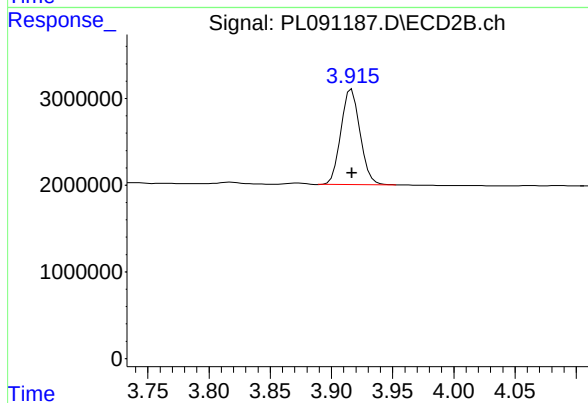
#3 gamma-BHC (Lindane)

R.T.: 3.618 min  
Delta R.T.: 0.000 min  
Response: 23350688  
Conc: 8.87 ng/ml



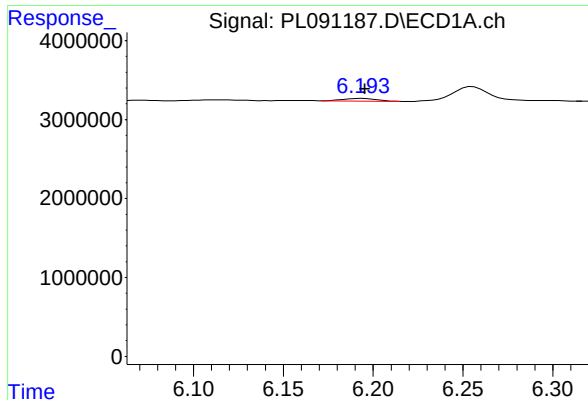
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 13842623  
Conc: 10.24 ng/ml



#6 beta-BHC

R.T.: 3.915 min  
Delta R.T.: -0.002 min  
Response: 11996992  
Conc: 10.19 ng/ml m



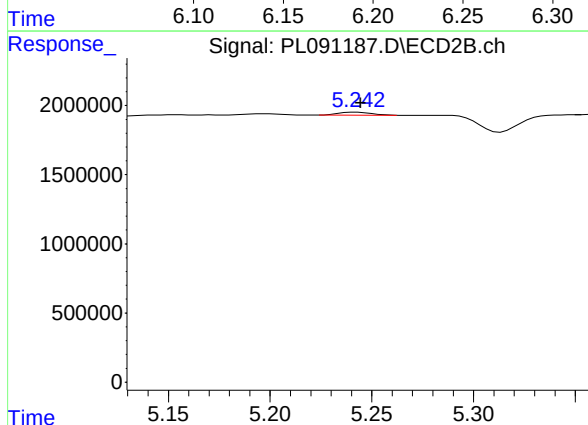
#12 4,4'-DDE

R.T.: 6.193 min  
Delta R.T.: -0.002 min  
Response: 426858  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

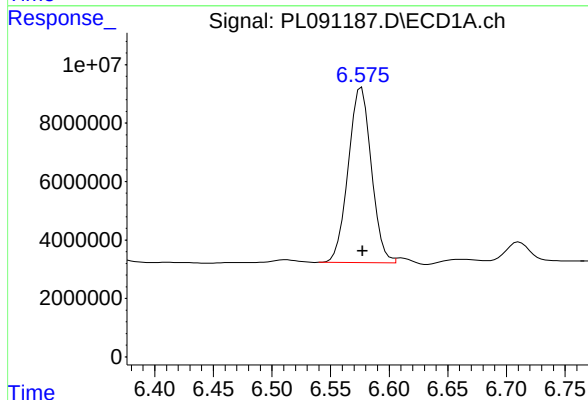
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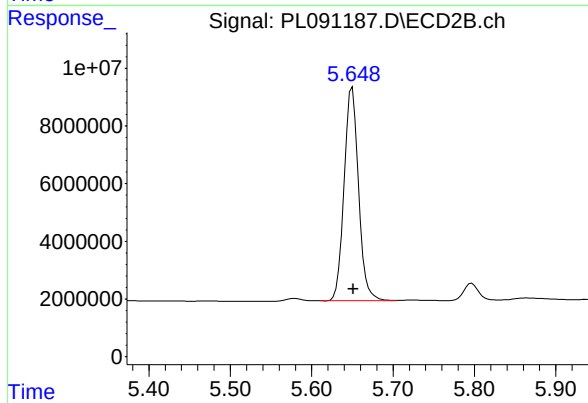
#12 4,4'-DDE

R.T.: 5.242 min  
Delta R.T.: -0.003 min  
Response: 248959  
Conc: 0.12 ng/ml



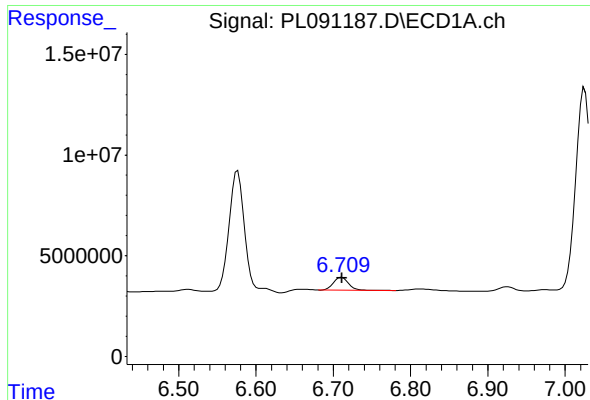
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: -0.002 min  
Response: 82261603  
Conc: 42.42 ng/ml



#14 Endrin

R.T.: 5.650 min  
Delta R.T.: -0.001 min  
Response: 91522167  
Conc: 44.93 ng/ml



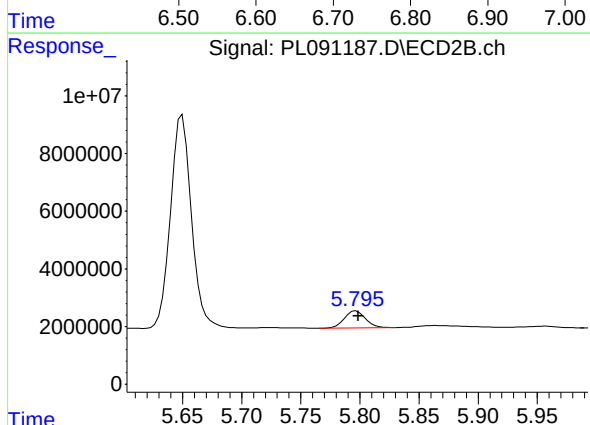
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.000 min  
Response: 8845102  
Conc: 5.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

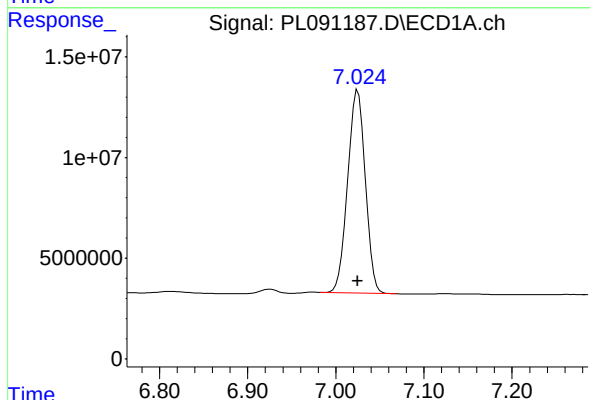
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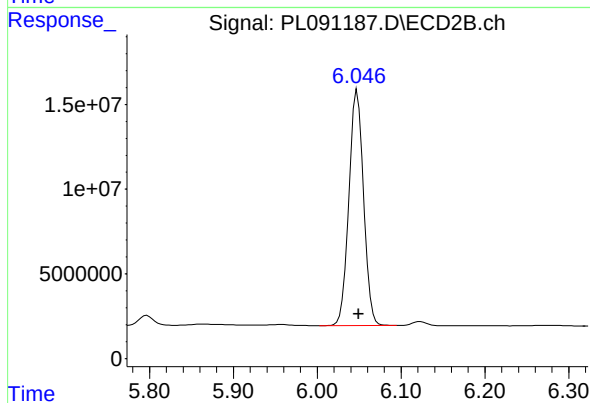
#16 4,4'-DDD

R.T.: 5.797 min  
Delta R.T.: -0.002 min  
Response: 7220547  
Conc: 4.37 ng/ml



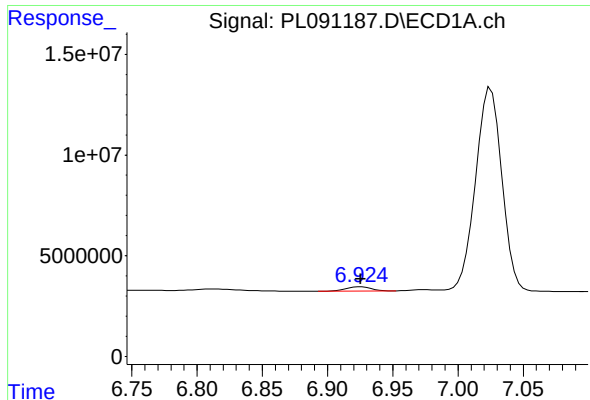
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: 0.000 min  
Response: 140608697  
Conc: 79.21 ng/ml



#17 4,4'-DDT

R.T.: 6.046 min  
Delta R.T.: -0.003 min  
Response: 168531030  
Conc: 94.87 ng/ml m



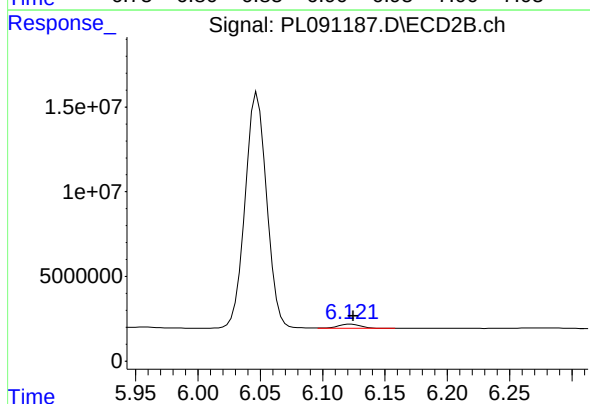
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 2814333  
Conc: 1.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

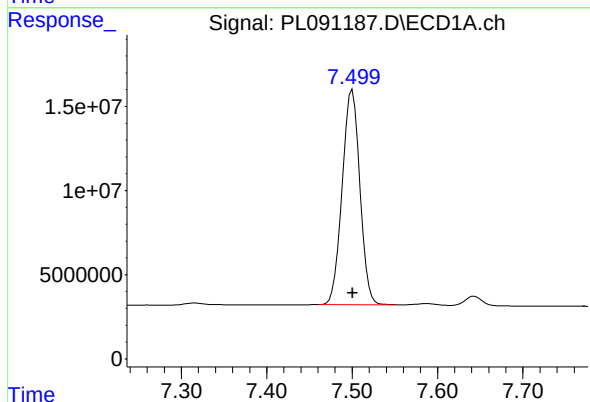
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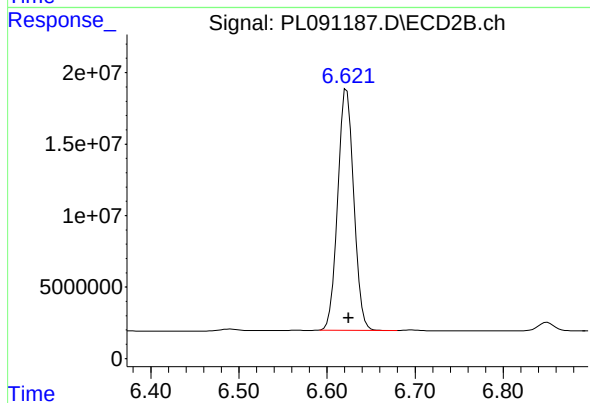
#18 Endrin aldehyde

R.T.: 6.123 min  
Delta R.T.: -0.002 min  
Response: 2964080  
Conc: 1.90 ng/ml



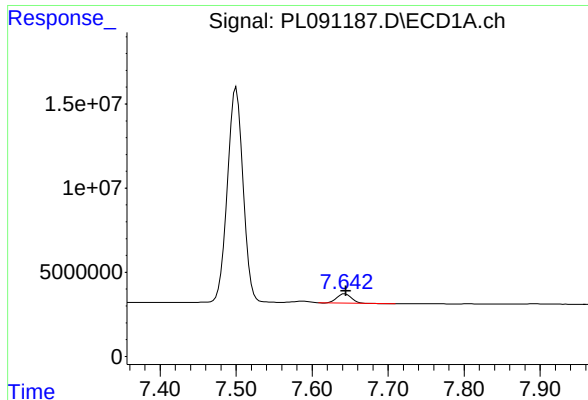
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.000 min  
Response: 183730958  
Conc: 195.40 ng/ml



#20 Methoxychlor

R.T.: 6.622 min  
Delta R.T.: -0.002 min  
Response: 213431127  
Conc: 214.94 ng/ml



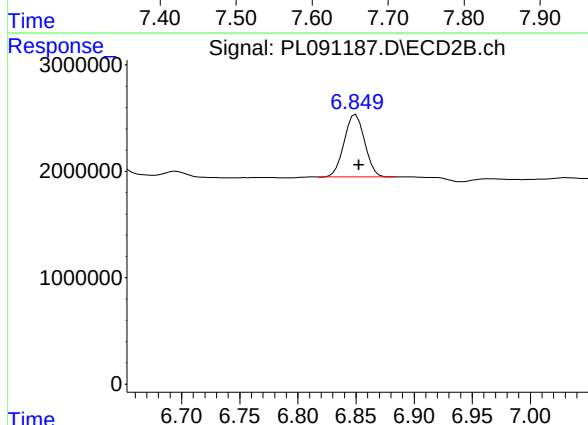
#21 Endrin ketone

R.T.: 7.643 min  
Delta R.T.: -0.001 min  
Response: 6974020  
Conc: 3.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

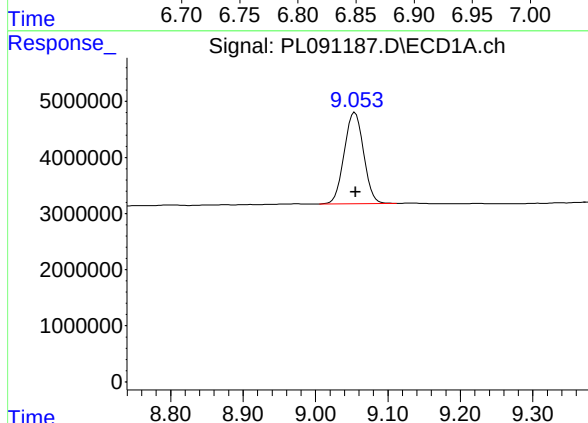
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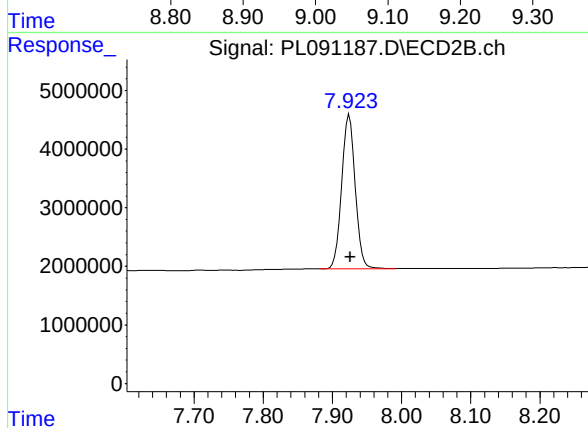
#21 Endrin ketone

R.T.: 6.850 min  
Delta R.T.: -0.003 min  
Response: 7215714  
Conc: 3.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: 0.000 min  
Response: 30268555  
Conc: 19.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.924 min  
Delta R.T.: -0.001 min  
Response: 35672443  
Conc: 18.83 ng/ml