

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022725\  
 Data File : PL094417.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Feb 2025 09:25  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/02/2025  
 Supervised By : Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 27 22:11:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 21 14:52:19 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-------|-------|----------|----------|---------|----------|
| -----                       |       |       |          |          |         |          |
| System Monitoring Compounds |       |       |          |          |         |          |
| 1) SA Tetrachlo...          | 3.544 | 2.771 | 59698862 | 74151326 | 23.512  | 23.236   |
| 28) SA Decachlor...         | 9.063 | 7.907 | 47658079 | 80874857 | 22.403  | 21.030m  |
| Target Compounds            |       |       |          |          |         |          |
| 2) A alpha-BHC              | 4.000 | 3.273 | 46333323 | 53171294 | 12.249  | 10.819   |
| 3) MA gamma-BHC...          | 4.333 | 3.604 | 44102336 | 49652424 | 11.937  | 10.542   |
| 6) B beta-BHC               | 4.532 | 3.904 | 19834554 | 24438986 | 12.421  | 12.288   |
| 14) MA Endrin               | 6.579 | 5.634 | 123.8E6  | 211.2E6  | 48.508m | 62.030 # |
| 16) A 4,4'-DDD              | 6.716 | 5.784 | 3607354  | 3729287  | 1.950   | 1.171 #  |
| 17) MA 4,4'-DDT             | 7.031 | 6.033 | 231.5E6  | 438.1E6  | 110.229 | 123.153  |
| 18) B Endrin al...          | 6.930 | 6.109 | 3352142  | 7017390  | 1.722   | 2.220 #  |
| 20) A Methoxychlor          | 7.507 | 6.608 | 286.0E6  | 520.3E6  | 257.439 | 266.684  |
| 21) B Endrin ke...          | 7.649 | 6.836 | 7738190  | 11293042 | 3.087   | 2.646    |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022725\  
Data File : PL094417.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Feb 2025 09:25  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

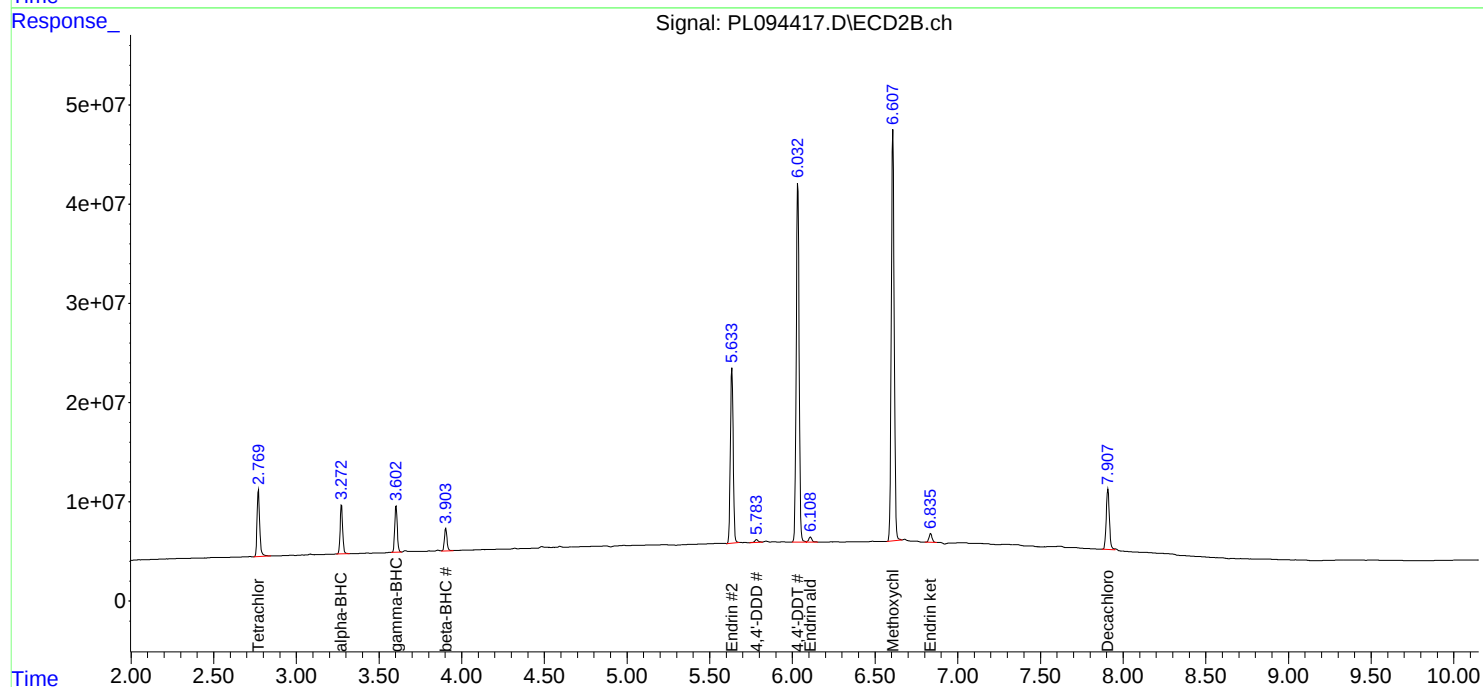
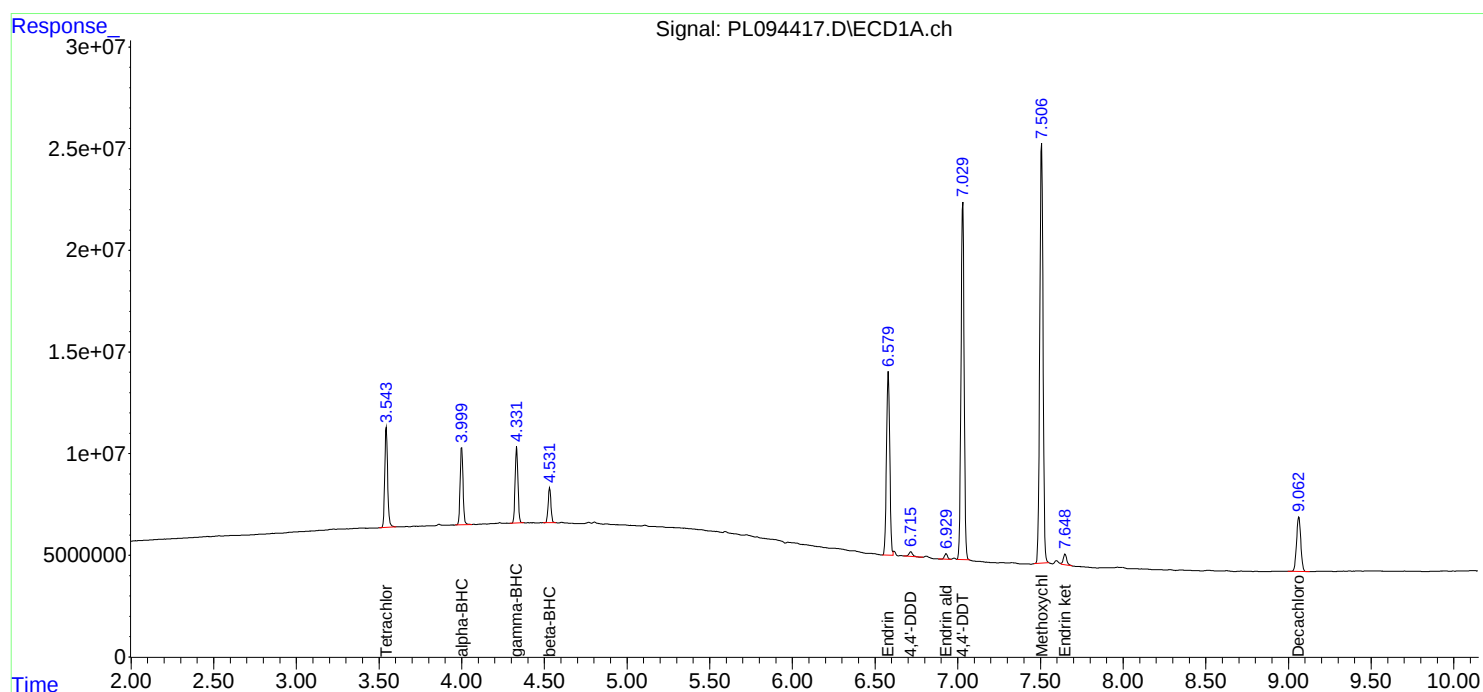
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

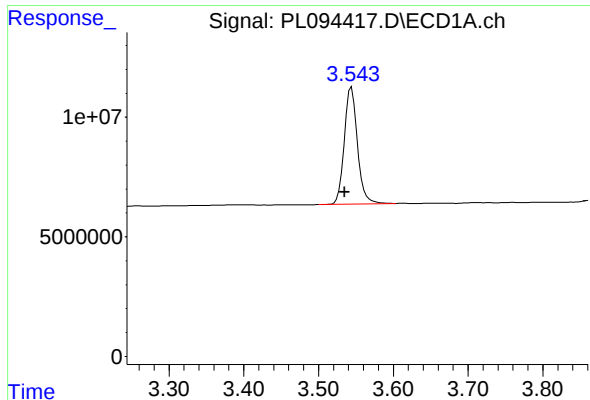
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 27 22:11:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 21 14:52:19 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





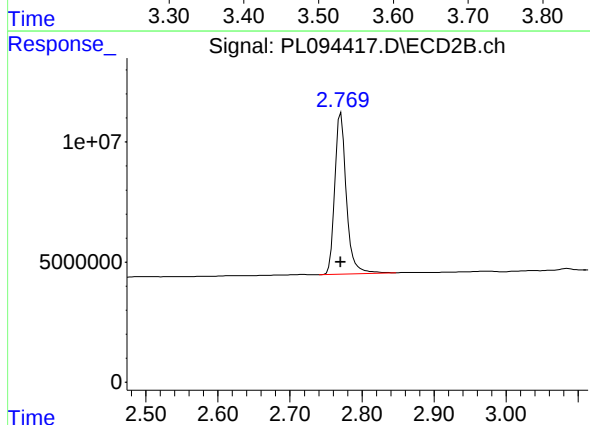
#1 Tetrachloro-m-xylene

R.T.: 3.544 min  
Delta R.T.: 0.009 min  
Response: 59698862  
Conc: 23.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

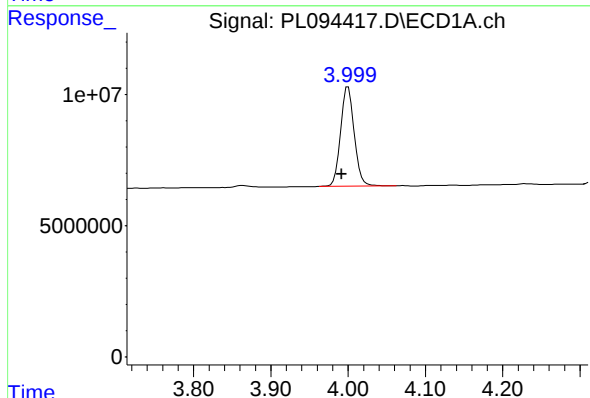
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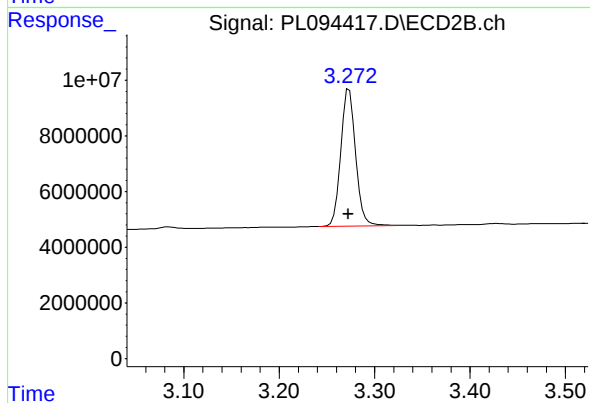
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 74151326  
Conc: 23.24 ng/ml



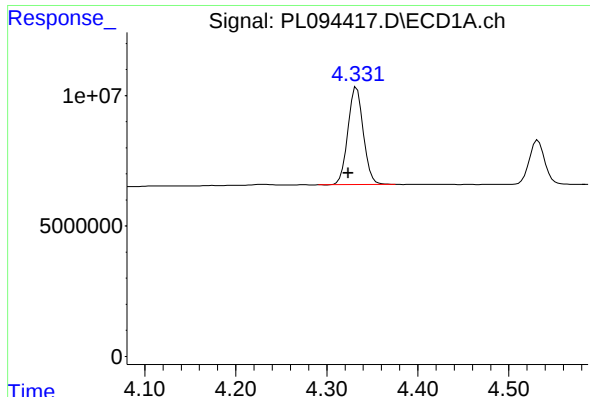
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: 0.009 min  
Response: 46333323  
Conc: 12.25 ng/ml



#2 alpha-BHC

R.T.: 3.273 min  
Delta R.T.: 0.000 min  
Response: 53171294  
Conc: 10.82 ng/ml



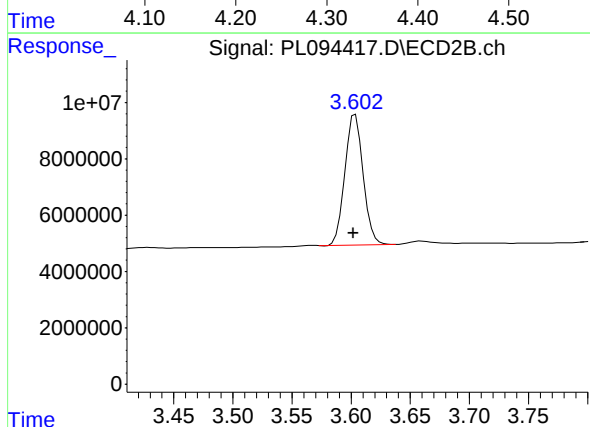
#3 gamma-BHC (Lindane)

R.T.: 4.333 min  
Delta R.T.: 0.009 min  
Response: 44102336  
Conc: 11.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

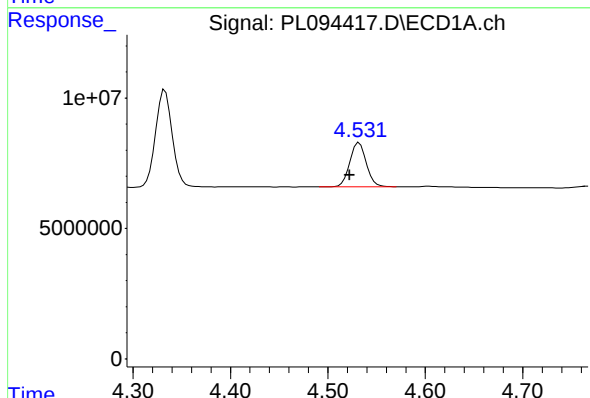
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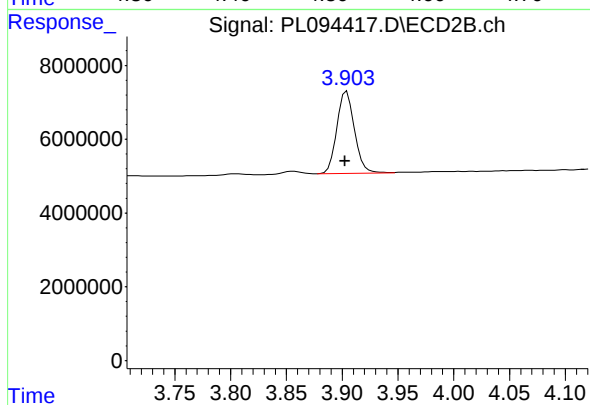
#3 gamma-BHC (Lindane)

R.T.: 3.604 min  
Delta R.T.: 0.002 min  
Response: 49652424  
Conc: 10.54 ng/ml



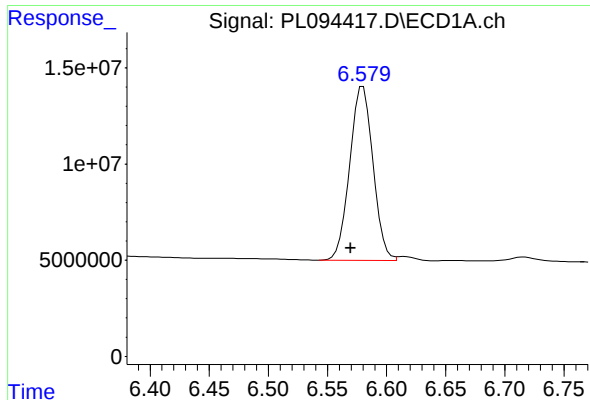
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: 0.010 min  
Response: 19834554  
Conc: 12.42 ng/ml



#6 beta-BHC

R.T.: 3.904 min  
Delta R.T.: 0.002 min  
Response: 24438986  
Conc: 12.29 ng/ml



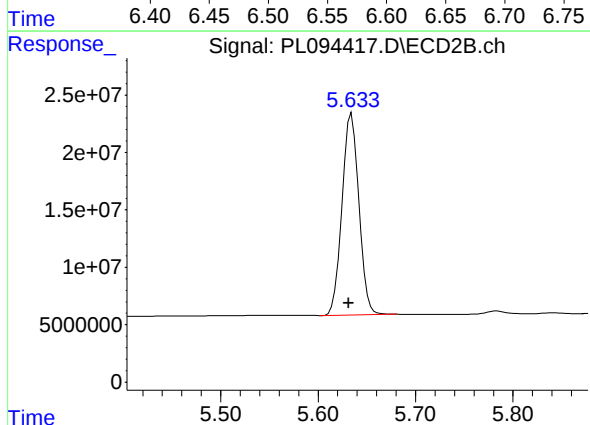
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: 0.009 min  
Response: 123806230  
Conc: 48.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

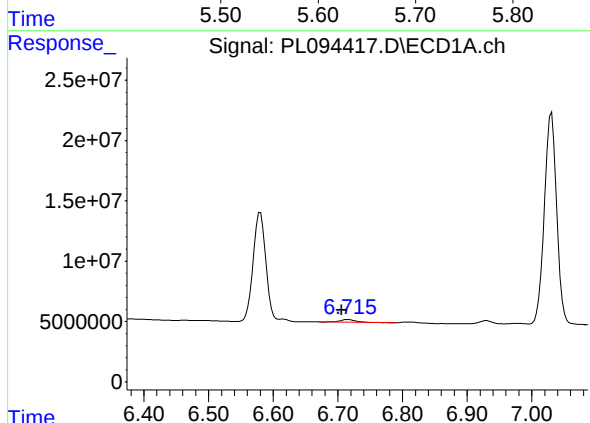
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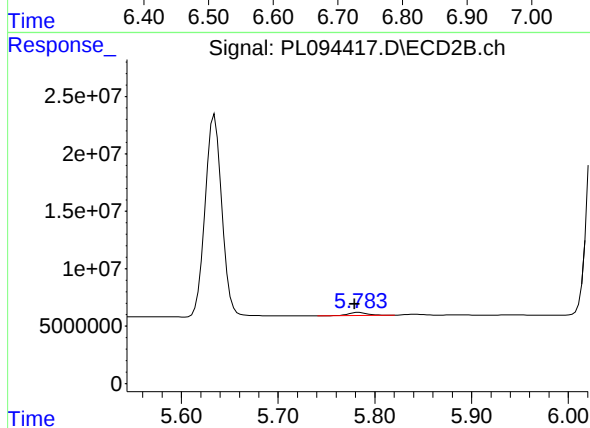
#14 Endrin

R.T.: 5.634 min  
Delta R.T.: 0.003 min  
Response: 211193845  
Conc: 62.03 ng/ml



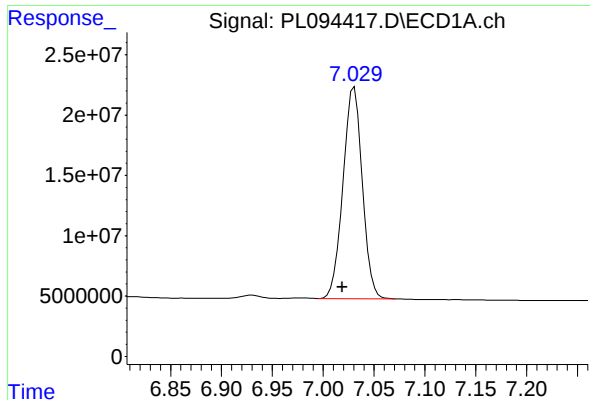
#16 4,4'-DDD

R.T.: 6.716 min  
Delta R.T.: 0.010 min  
Response: 3607354  
Conc: 1.95 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min  
Delta R.T.: 0.005 min  
Response: 3729287  
Conc: 1.17 ng/ml



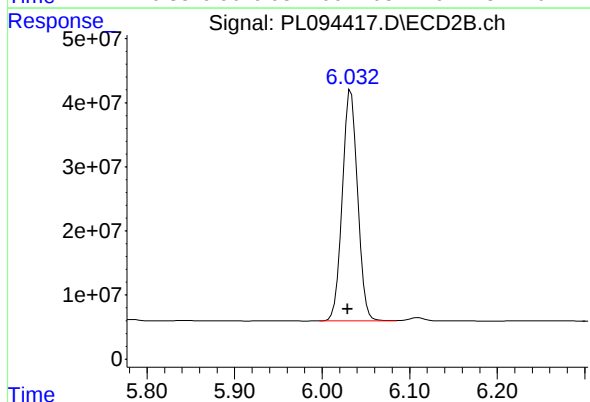
#17 4,4'-DDT

R.T.: 7.031 min  
Delta R.T.: 0.012 min  
Response: 231483484  
Conc: 110.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

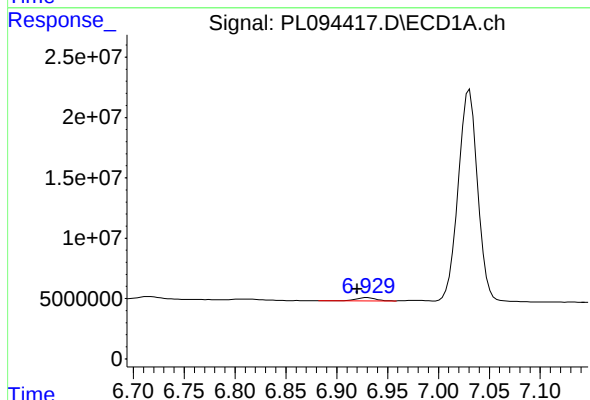
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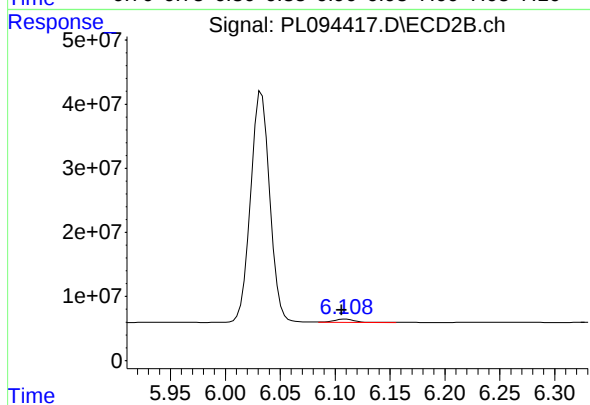
#17 4,4'-DDT

R.T.: 6.033 min  
Delta R.T.: 0.004 min  
Response: 438055412  
Conc: 123.15 ng/ml



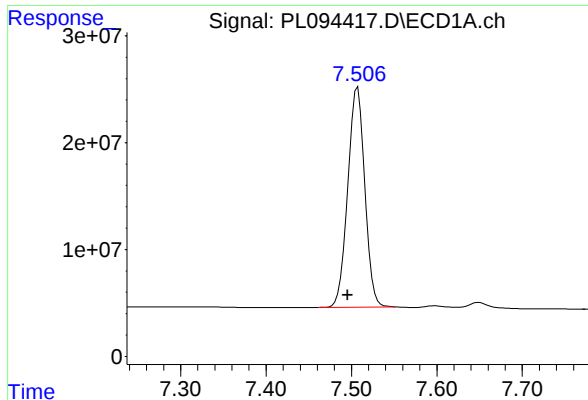
#18 Endrin aldehyde

R.T.: 6.930 min  
Delta R.T.: 0.010 min  
Response: 3352142  
Conc: 1.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min  
Delta R.T.: 0.004 min  
Response: 7017390  
Conc: 2.22 ng/ml



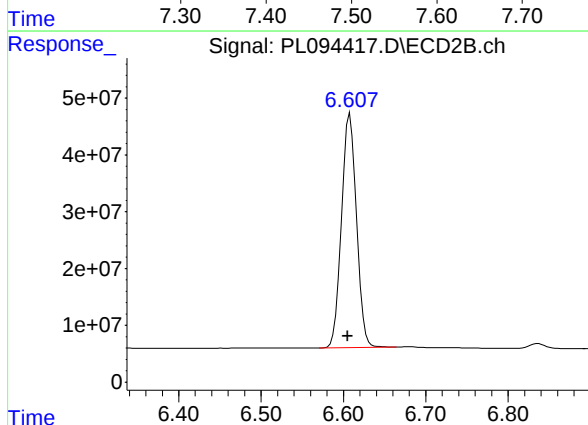
#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: 0.012 min  
Response: 286025523  
Conc: 257.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

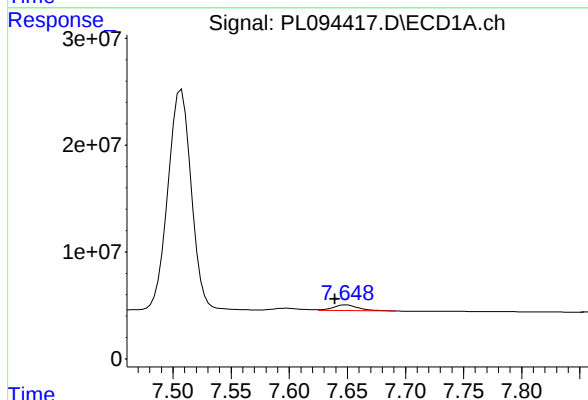
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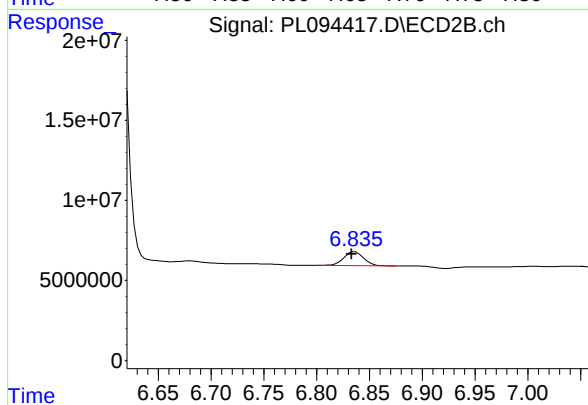
#20 Methoxychlor

R.T.: 6.608 min  
Delta R.T.: 0.003 min  
Response: 520307048  
Conc: 266.68 ng/ml



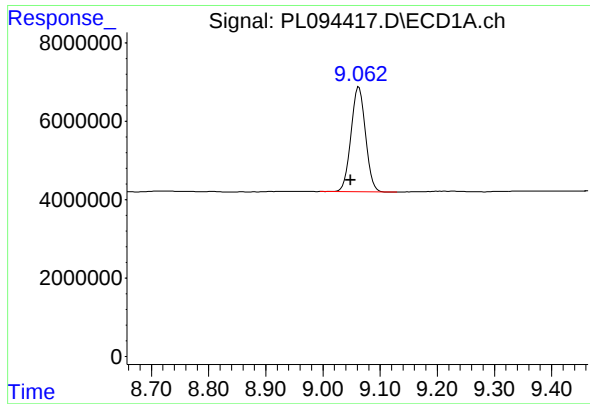
#21 Endrin ketone

R.T.: 7.649 min  
Delta R.T.: 0.010 min  
Response: 7738190  
Conc: 3.09 ng/ml



#21 Endrin ketone

R.T.: 6.836 min  
Delta R.T.: 0.003 min  
Response: 11293042  
Conc: 2.65 ng/ml



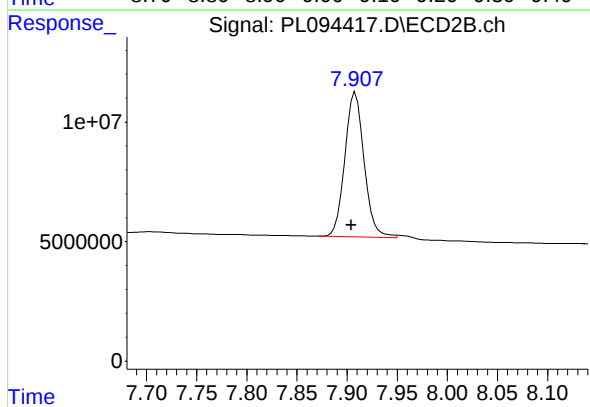
#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: 0.014 min  
Response: 47658079  
Conc: 22.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 7.907 min  
Delta R.T.: 0.003 min  
Response: 80874857  
Conc: 21.03 ng/ml m