

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011124\  
 Data File : PL087731.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jan 2024 11:21  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 01/12/2024  
 Supervised By : Ankita Jodhani 01/12/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 11 20:52:30 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:17:47 2023  
 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... | 3.419 | 2.673 | 64295460 | 26862809 | 21.476  | 22.176  |
| 28)                         | SA Decachlor... | 8.984 | 7.864 | 63548008 | 29445278 | 22.313  | 23.243  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.876 | 3.177 | 44469660 | 17934445 | 9.911   | 9.731   |
| 3)                          | MA gamma-BHC... | 4.210 | 3.506 | 43072123 | 17068923 | 9.875   | 9.393m  |
| 6)                          | B beta-BHC      | 4.410 | 3.810 | 20781348 | 8665172  | 11.170  | 11.329  |
| 12)                         | B 4,4'-DDE      | 6.098 | 5.157 | 622752   | 191081   | 0.195   | 0.142 # |
| 14)                         | MA Endrin       | 6.472 | 5.552 | 149.8E6  | 72495111 | 47.700  | 51.125  |
| 16)                         | A 4,4'-DDD      | 6.614 | 5.713 | 2926443  | 974003   | 1.135m  | 0.864   |
| 17)                         | MA 4,4'-DDT     | 6.936 | 5.966 | 310.1E6  | 147.2E6  | 108.444 | 118.269 |
| 18)                         | B Endrin al...  | 6.826 | 6.032 | 4193089  | 2609893  | 1.667   | 2.246m# |
| 20)                         | A Methoxychlor  | 7.422 | 6.552 | 403.7E6  | 187.1E6  | 248.656 | 254.126 |
| 21)                         | B Endrin ke...  | 7.548 | 6.762 | 9202857  | 4471214  | 2.829m  | 2.917m  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011124\  
Data File : PL087731.D  
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Acq On : 11 Jan 2024 11:21  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

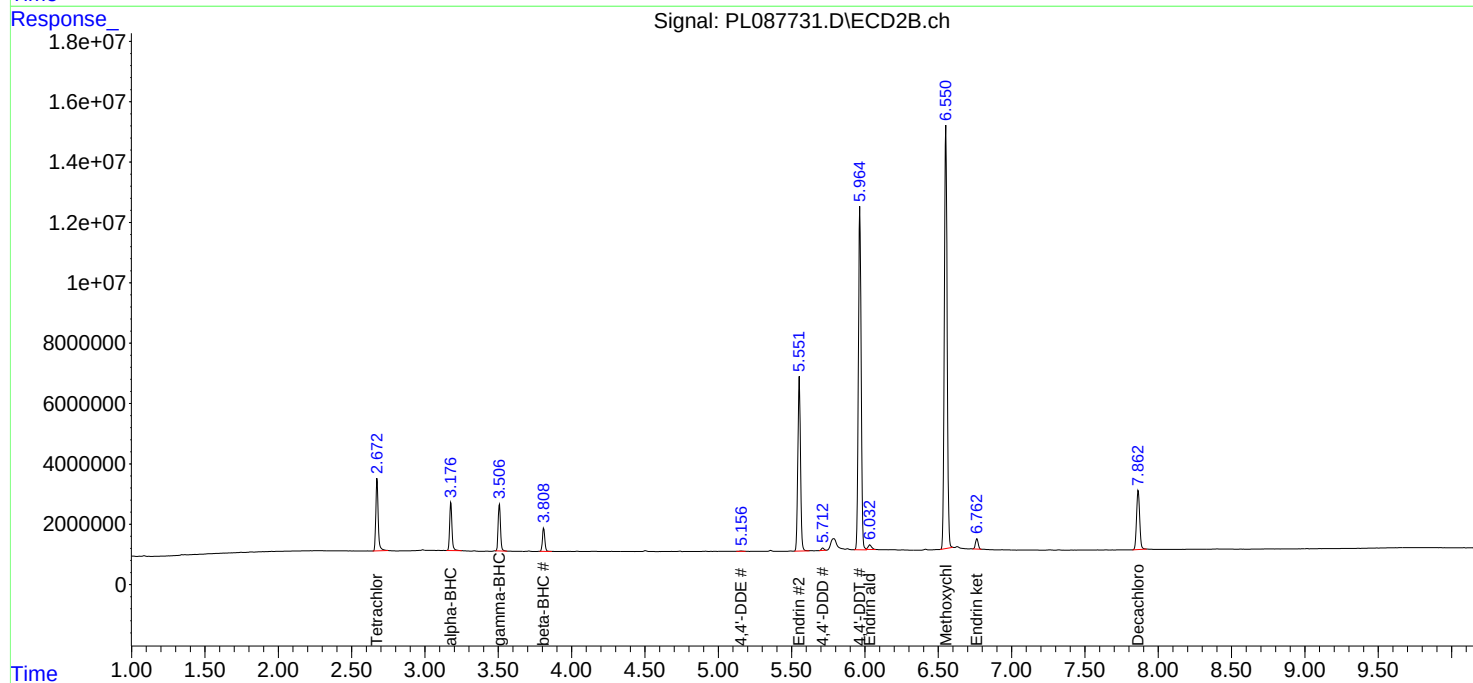
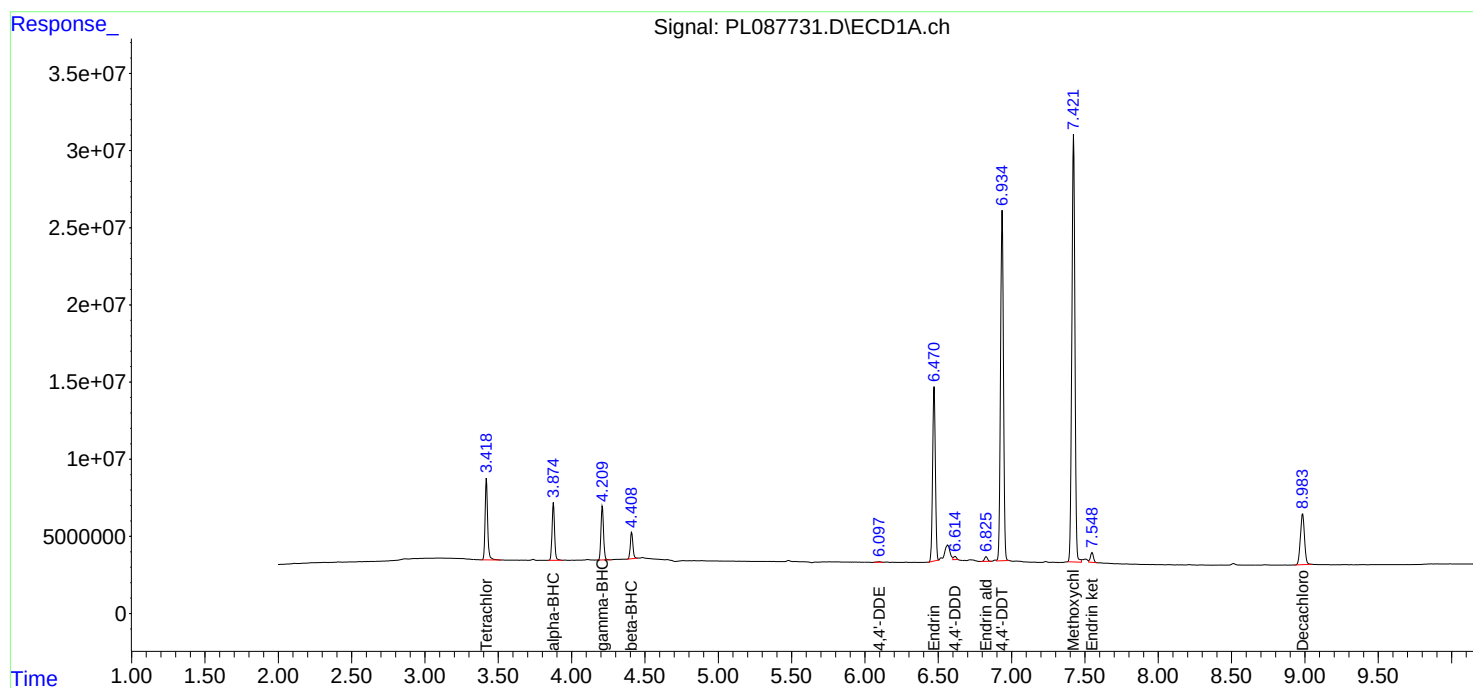
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

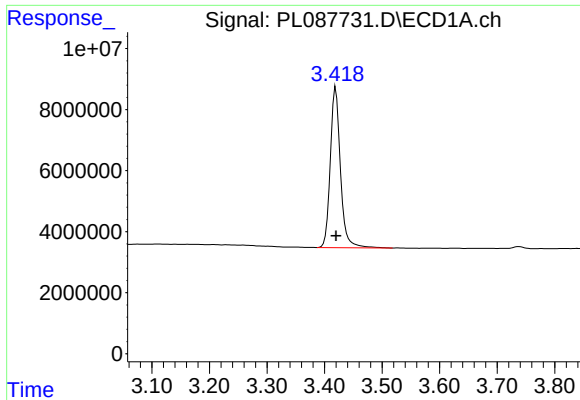
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 11 20:52:30 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
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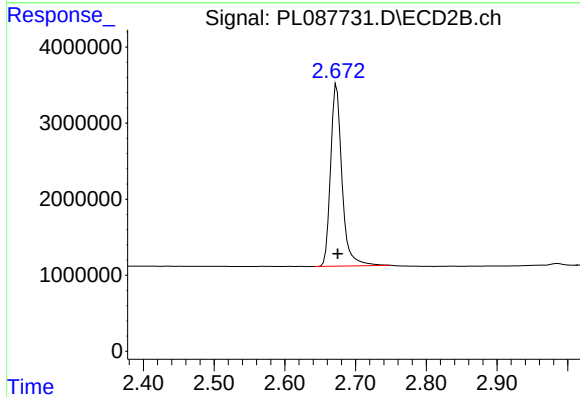
#1 Tetrachloro-m-xylene

R.T.: 3.419 min  
Delta R.T.: 0.000 min  
Response: 64295460  
Conc: 21.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

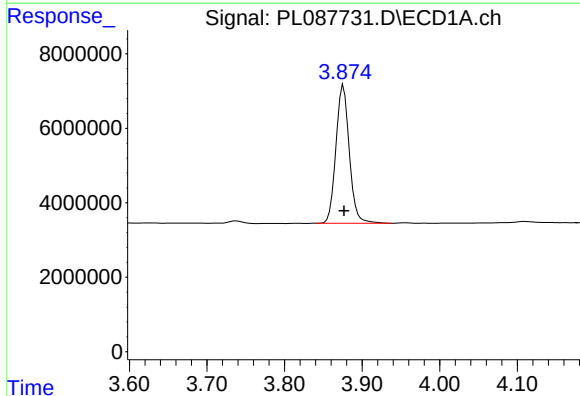
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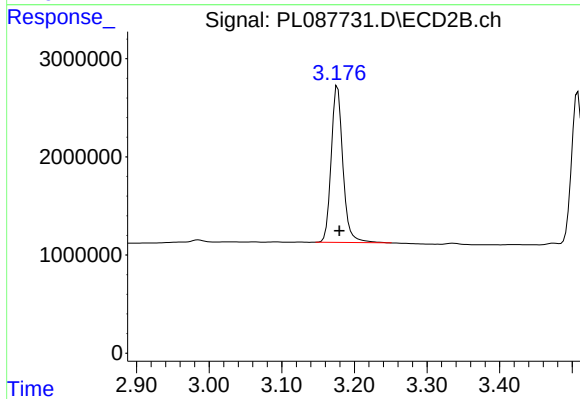
#1 Tetrachloro-m-xylene

R.T.: 2.673 min  
Delta R.T.: -0.002 min  
Response: 26862809  
Conc: 22.18 ng/ml



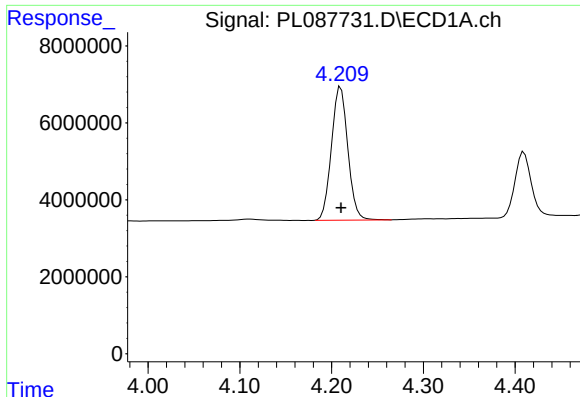
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: 0.000 min  
Response: 44469660  
Conc: 9.91 ng/ml



#2 alpha-BHC

R.T.: 3.177 min  
Delta R.T.: -0.002 min  
Response: 17934445  
Conc: 9.73 ng/ml



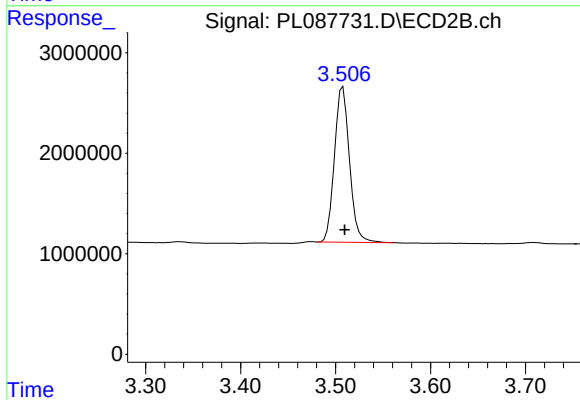
#3 gamma-BHC (Lindane)

R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 43072123  
Conc: 9.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

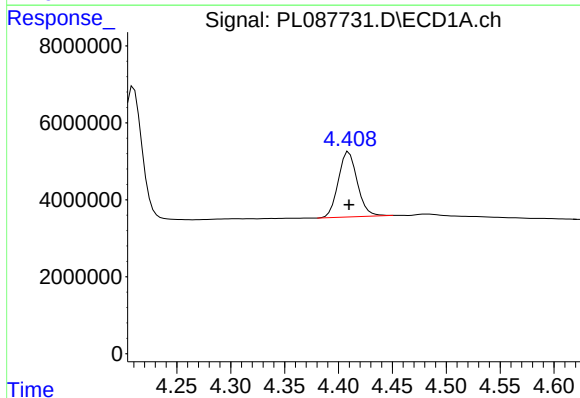
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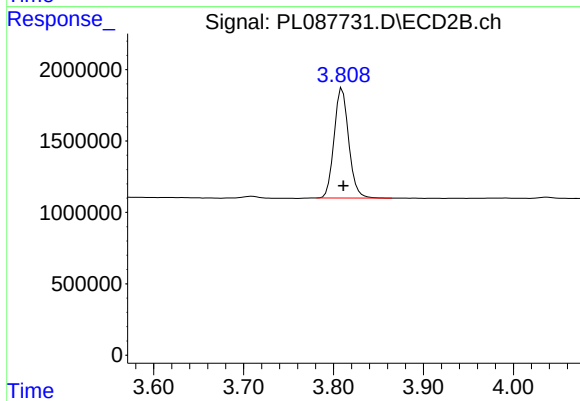
#3 gamma-BHC (Lindane)

R.T.: 3.506 min  
Delta R.T.: -0.003 min  
Response: 17068923  
Conc: 9.39 ng/ml m



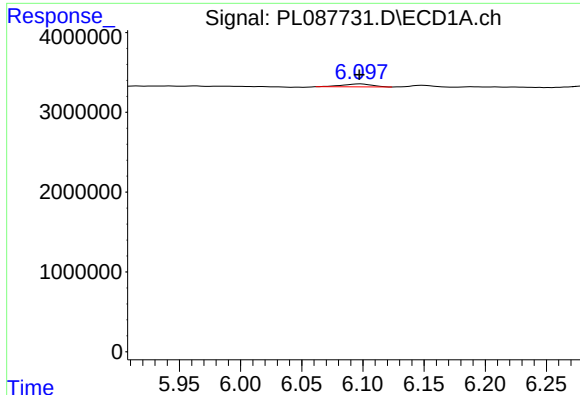
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.000 min  
Response: 20781348  
Conc: 11.17 ng/ml



#6 beta-BHC

R.T.: 3.810 min  
Delta R.T.: -0.001 min  
Response: 8665172  
Conc: 11.33 ng/ml



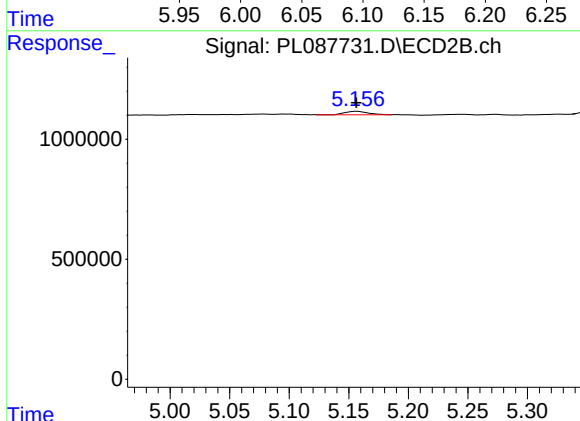
#12 4,4'-DDE

R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 622752  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

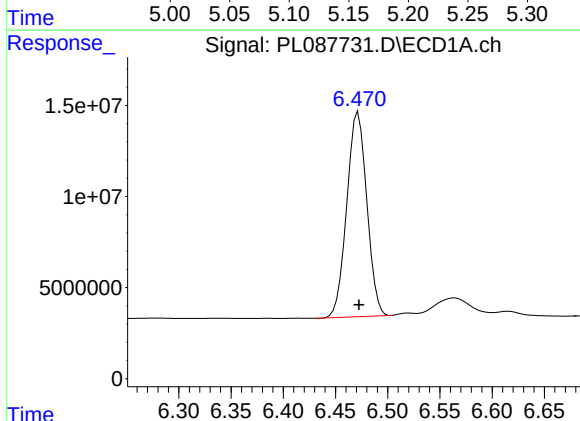
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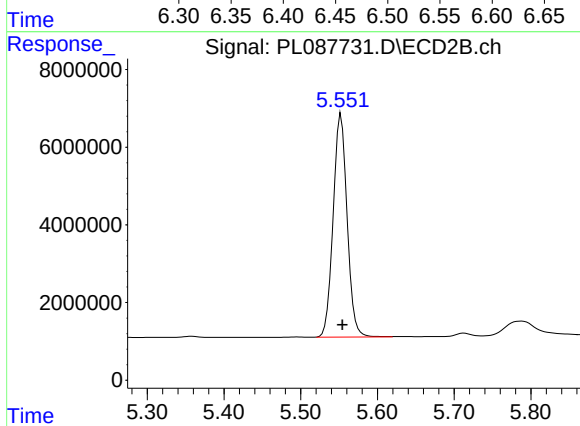
#12 4,4'-DDE

R.T.: 5.157 min  
Delta R.T.: 0.000 min  
Response: 191081  
Conc: 0.14 ng/ml



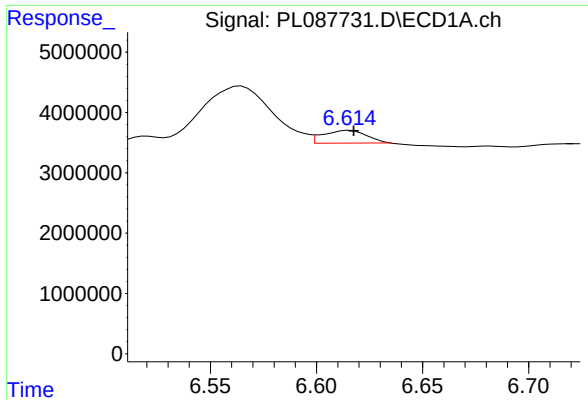
#14 Endrin

R.T.: 6.472 min  
Delta R.T.: 0.000 min  
Response: 149822247  
Conc: 47.70 ng/ml



#14 Endrin

R.T.: 5.552 min  
Delta R.T.: -0.002 min  
Response: 72495111  
Conc: 51.13 ng/ml



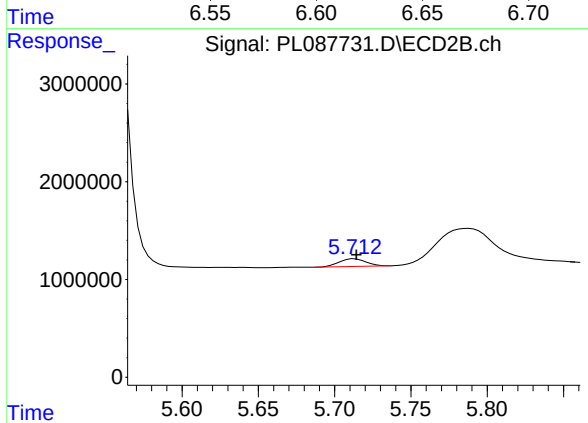
#16 4,4'-DDD

R.T.: 6.614 min  
Delta R.T.: -0.003 min  
Response: 2926443  
Conc: 1.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

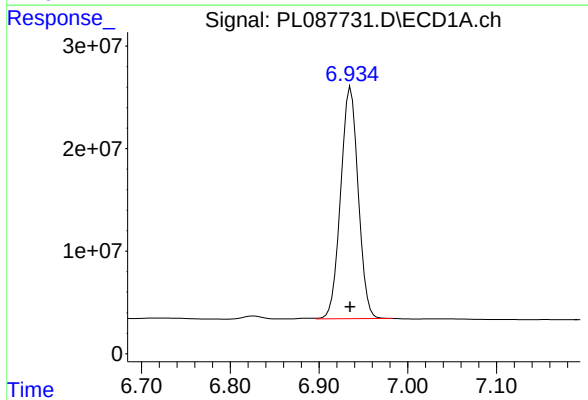
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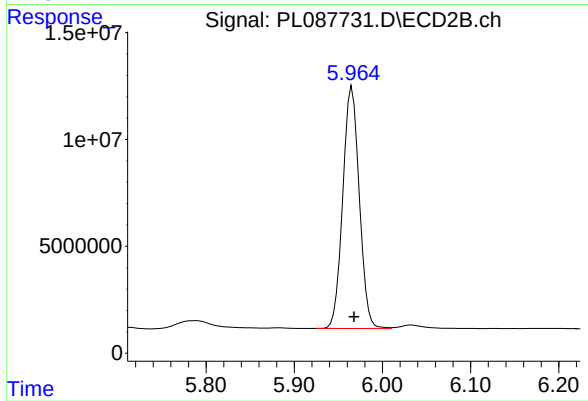
#16 4,4'-DDD

R.T.: 5.713 min  
Delta R.T.: -0.001 min  
Response: 974003  
Conc: 0.86 ng/ml



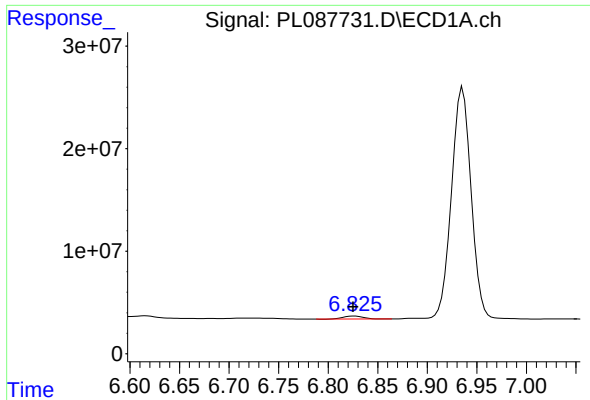
#17 4,4'-DDT

R.T.: 6.936 min  
Delta R.T.: 0.000 min  
Response: 310102446  
Conc: 108.44 ng/ml



#17 4,4'-DDT

R.T.: 5.966 min  
Delta R.T.: -0.002 min  
Response: 147195165  
Conc: 118.27 ng/ml



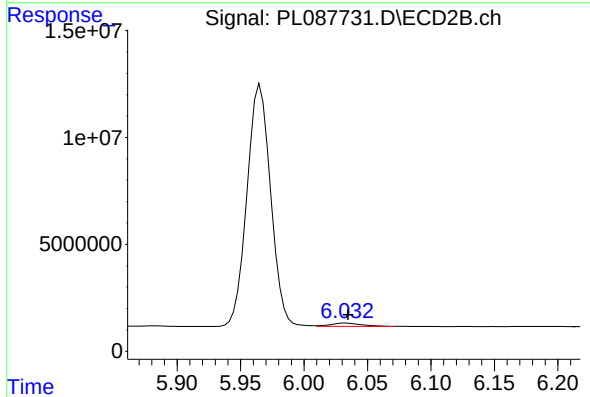
#18 Endrin aldehyde

R.T.: 6.826 min  
Delta R.T.: 0.001 min  
Response: 4193089  
Conc: 1.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

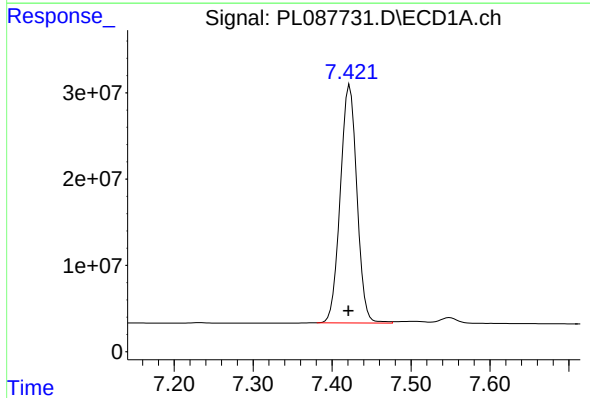
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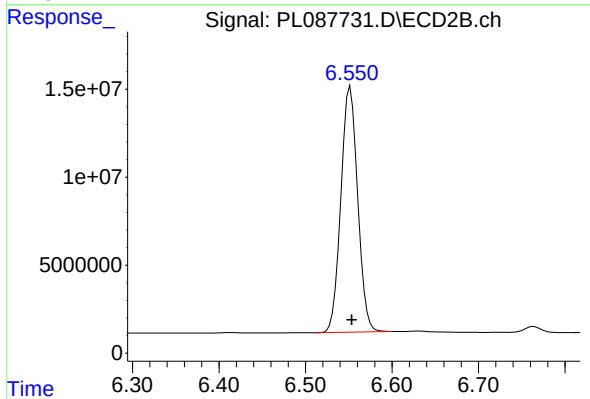
#18 Endrin aldehyde

R.T.: 6.032 min  
Delta R.T.: -0.003 min  
Response: 2609893  
Conc: 2.25 ng/ml m



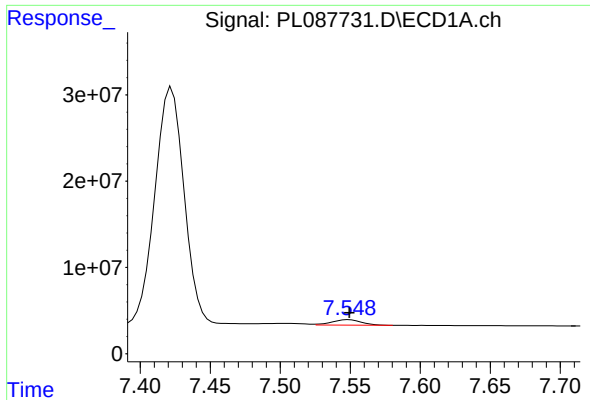
#20 Methoxychlor

R.T.: 7.422 min  
Delta R.T.: 0.002 min  
Response: 403713464  
Conc: 248.66 ng/ml



#20 Methoxychlor

R.T.: 6.552 min  
Delta R.T.: -0.002 min  
Response: 187056906  
Conc: 254.13 ng/ml



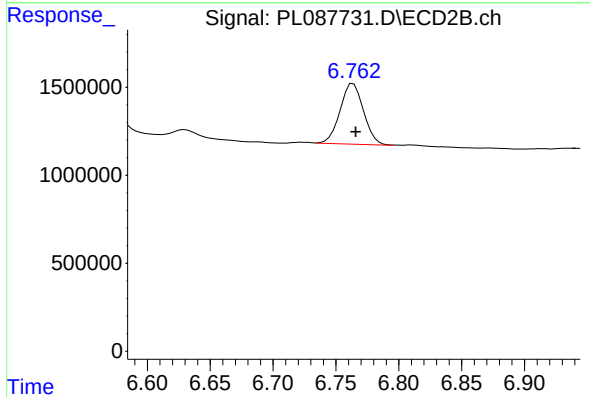
#21 Endrin ketone

R.T.: 7.548 min  
Delta R.T.: -0.002 min  
Response: 9202857  
Conc: 2.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

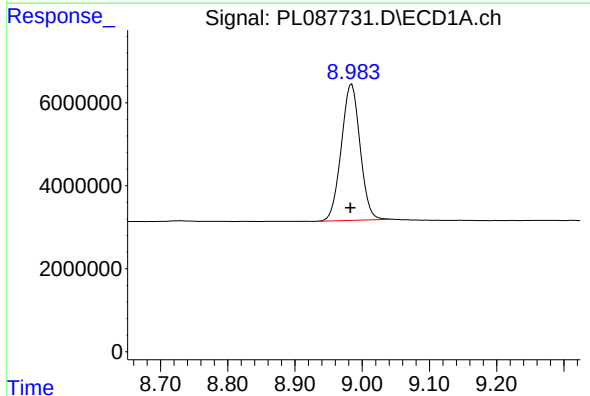
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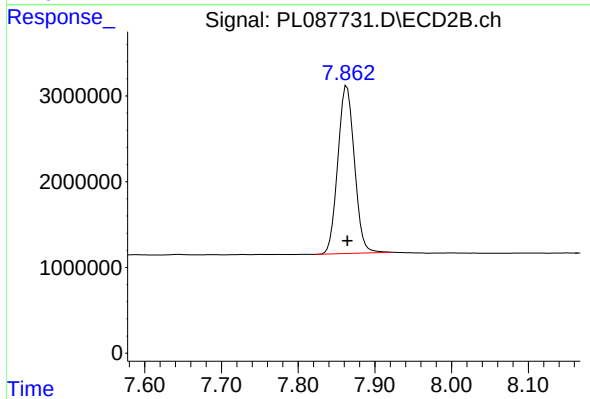
#21 Endrin ketone

R.T.: 6.762 min  
Delta R.T.: -0.003 min  
Response: 4471214  
Conc: 2.92 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.984 min  
Delta R.T.: 0.002 min  
Response: 63548008  
Conc: 22.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: 0.000 min  
Response: 29445278  
Conc: 23.24 ng/ml