

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020325\  
 Data File : PL093981.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Feb 2025 11:03  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/04/2025  
 Supervised By : Ankita Jodhani 02/04/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 04 00:39:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 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... | 3.540 | 2.775 | 50258420 | 59042017 | 18.664  | 18.088  |
| 28)                         | SA Decachlor... | 9.056 | 7.911 | 30344810 | 50824880 | 14.506  | 14.505  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.996 | 3.277 | 36276564 | 42871531 | 9.462   | 8.769   |
| 3)                          | MA gamma-BHC... | 4.329 | 3.607 | 33523363 | 36301716 | 9.103   | 7.657   |
| 6)                          | B beta-BHC      | 4.527 | 3.908 | 14583143 | 19144363 | 9.073   | 9.584   |
| 14)                         | MA Endrin       | 6.574 | 5.638 | 88887109 | 137.9E6  | 37.908m | 37.352  |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.035 | 158.9E6  | 288.4E6  | 80.586  | 88.623  |
| 18)                         | B Endrin al...  | 6.925 | 6.110 | 2748230  | 3259226  | 1.414   | 1.070   |
| 20)                         | A Methoxychlor  | 7.502 | 6.610 | 204.2E6  | 372.3E6  | 195.735 | 208.198 |
| 21)                         | B Endrin ke...  | 7.645 | 6.837 | 4791619  | 8533377  | 1.899   | 2.034m  |
| -----                       |                 |       |       |          |          |         |         |

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Feb 2025 11:03  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

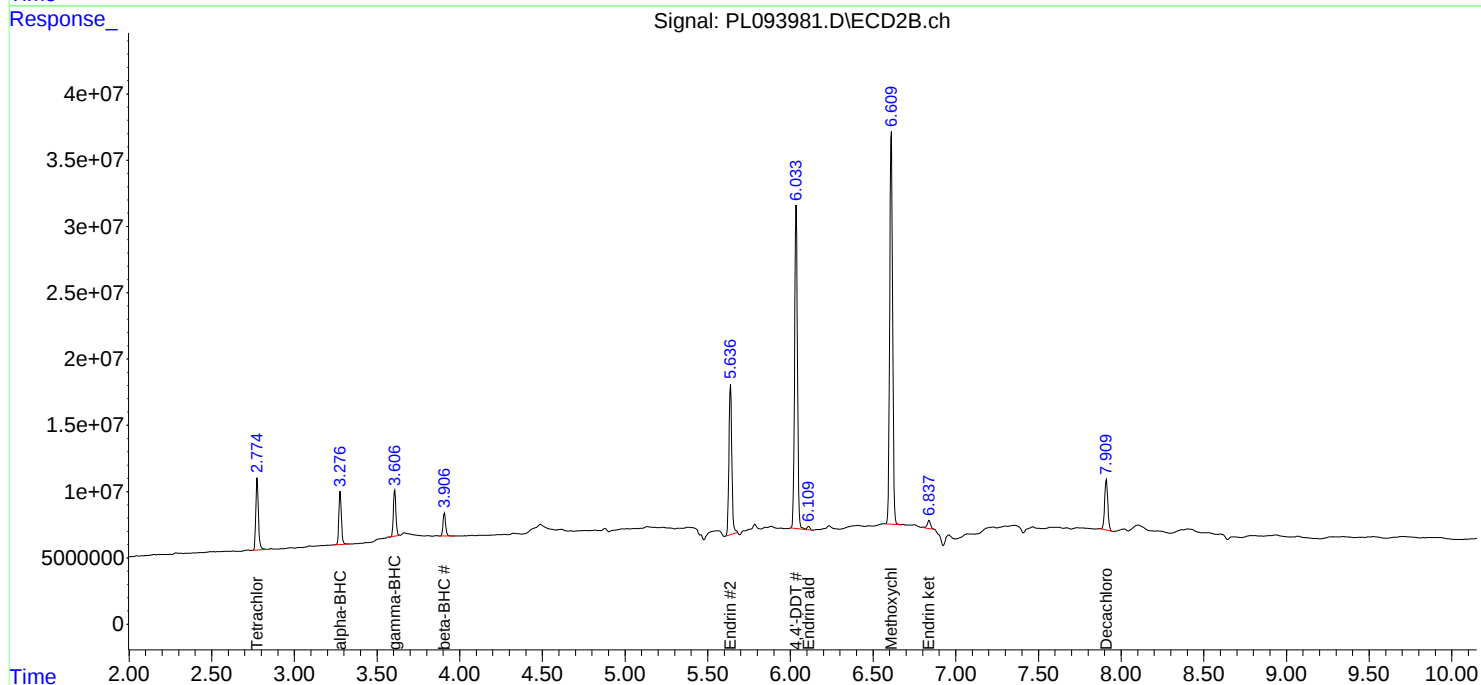
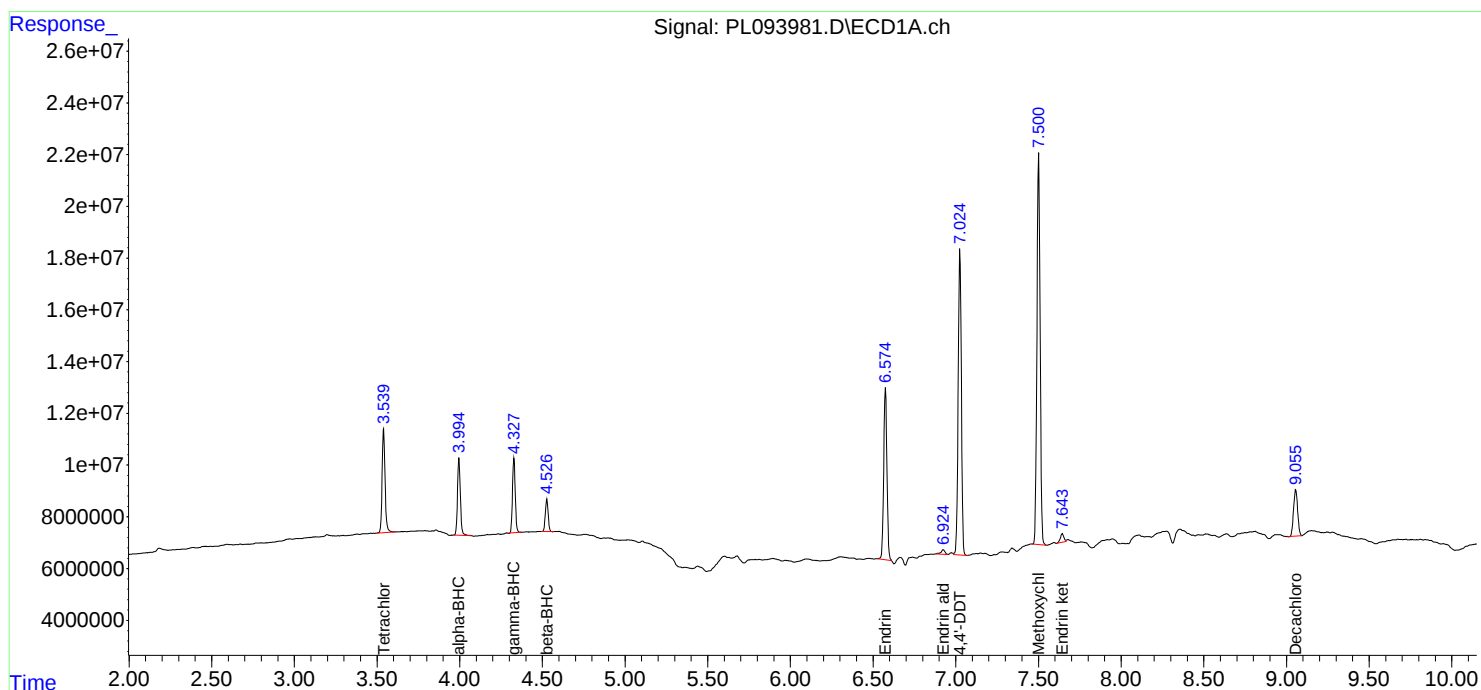
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

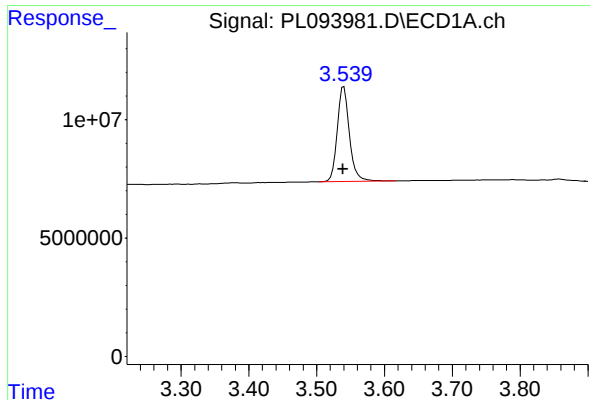
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 04 00:39:16 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 2025  
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





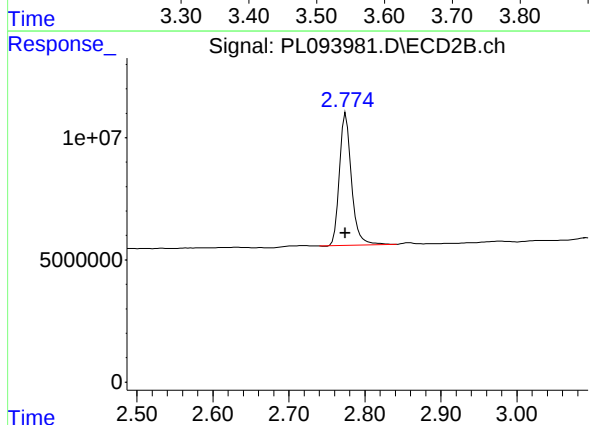
#1 Tetrachloro-m-xylene

R.T.: 3.540 min  
Delta R.T.: 0.001 min  
Response: 50258420  
Conc: 18.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

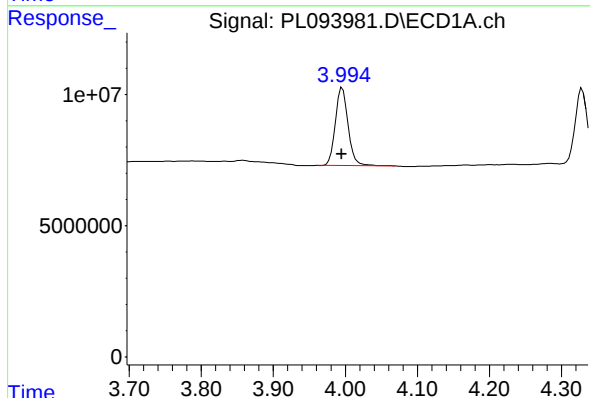
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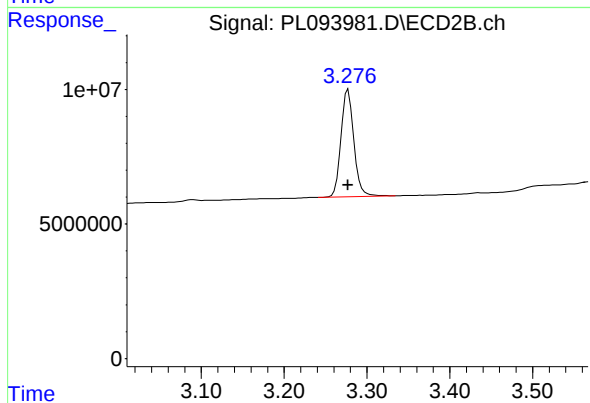
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: 0.000 min  
Response: 59042017  
Conc: 18.09 ng/ml



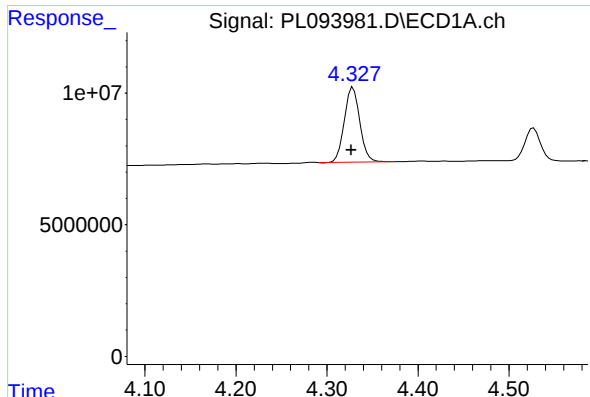
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: 0.001 min  
Response: 36276564  
Conc: 9.46 ng/ml



#2 alpha-BHC

R.T.: 3.277 min  
Delta R.T.: 0.000 min  
Response: 42871531  
Conc: 8.77 ng/ml



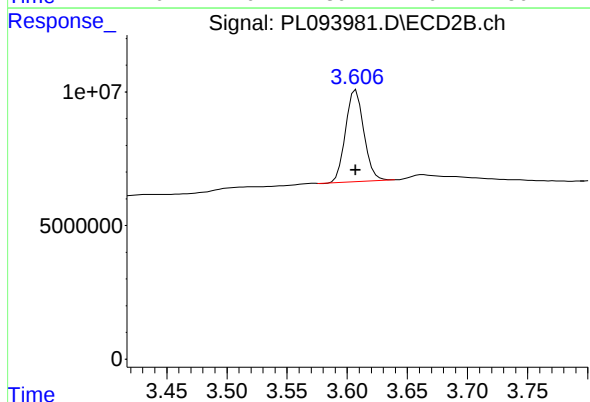
#3 gamma-BHC (Lindane)

R.T.: 4.329 min  
Delta R.T.: 0.002 min  
Response: 33523363  
Conc: 9.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

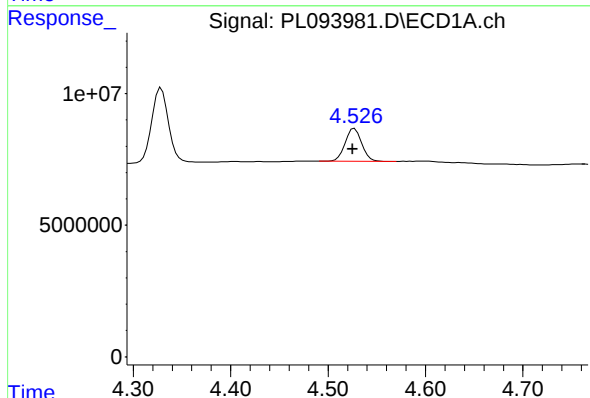
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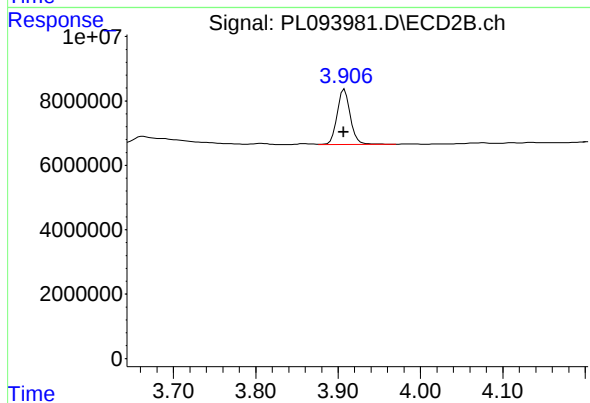
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: 0.000 min  
Response: 36301716  
Conc: 7.66 ng/ml



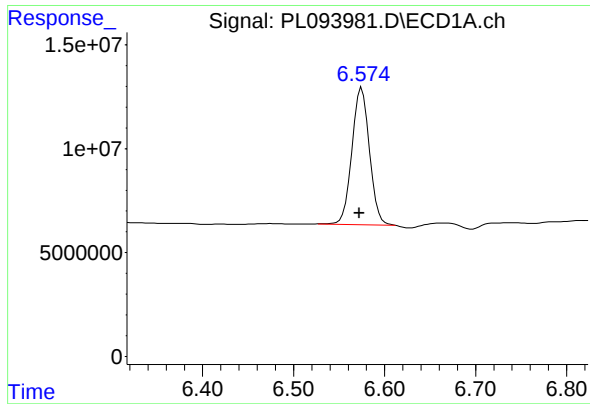
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.002 min  
Response: 14583143  
Conc: 9.07 ng/ml



#6 beta-BHC

R.T.: 3.908 min  
Delta R.T.: 0.000 min  
Response: 19144363  
Conc: 9.58 ng/ml



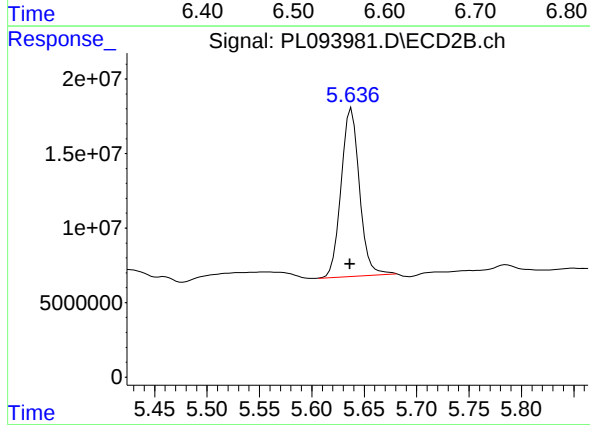
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.001 min  
Response: 88887109  
Conc: 37.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

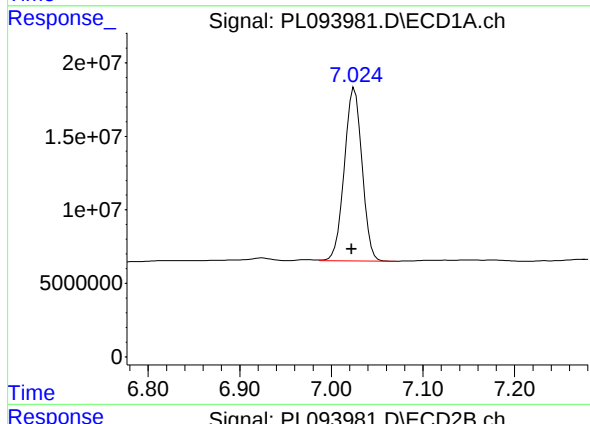
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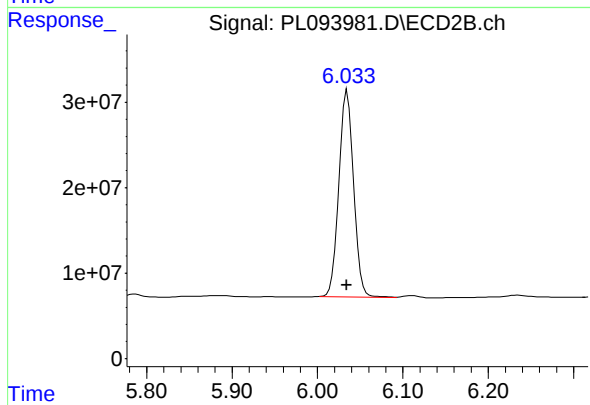
#14 Endrin

R.T.: 5.638 min  
Delta R.T.: 0.001 min  
Response: 137927416  
Conc: 37.35 ng/ml



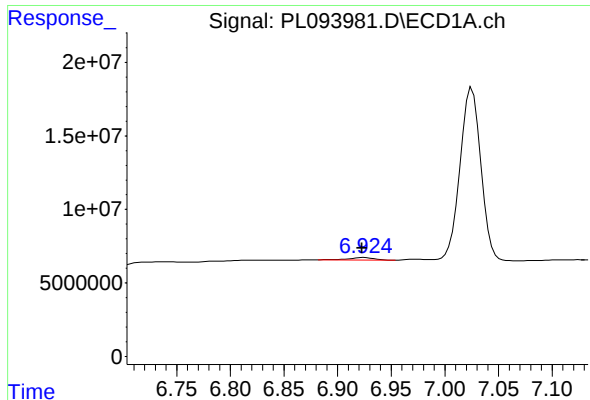
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: 0.003 min  
Response: 158920914  
Conc: 80.59 ng/ml



#17 4,4'-DDT

R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 288383133  
Conc: 88.62 ng/ml



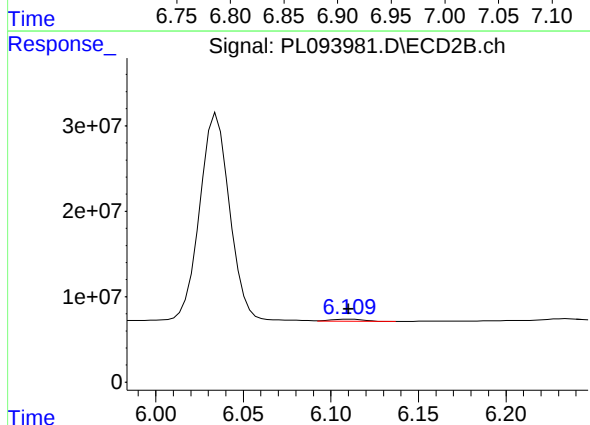
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.002 min  
Response: 2748230  
Conc: 1.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

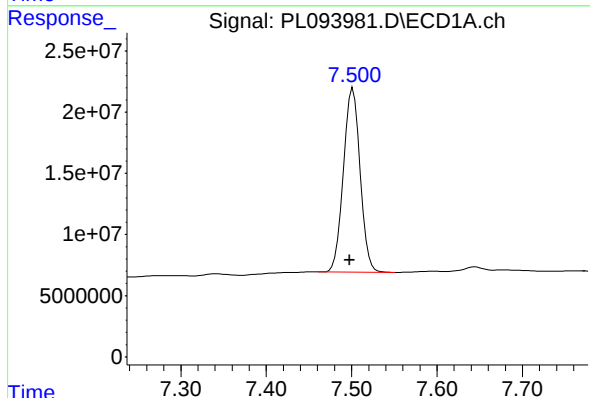
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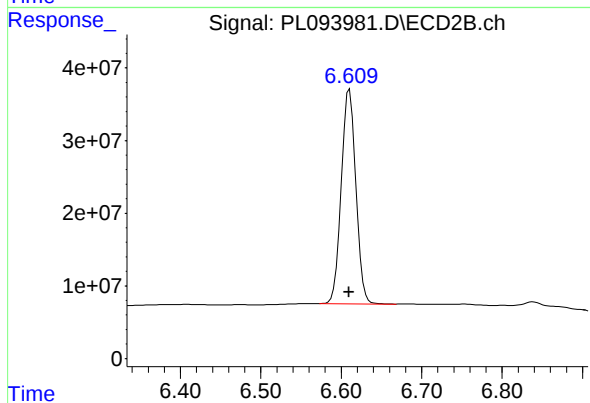
#18 Endrin aldehyde

R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: 3259226  
Conc: 1.07 ng/ml



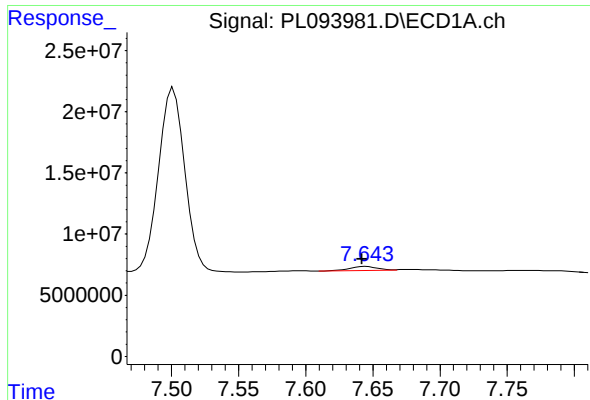
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: 0.004 min  
Response: 204229502  
Conc: 195.74 ng/ml



#20 Methoxychlor

R.T.: 6.610 min  
Delta R.T.: 0.001 min  
Response: 372286643  
Conc: 208.20 ng/ml



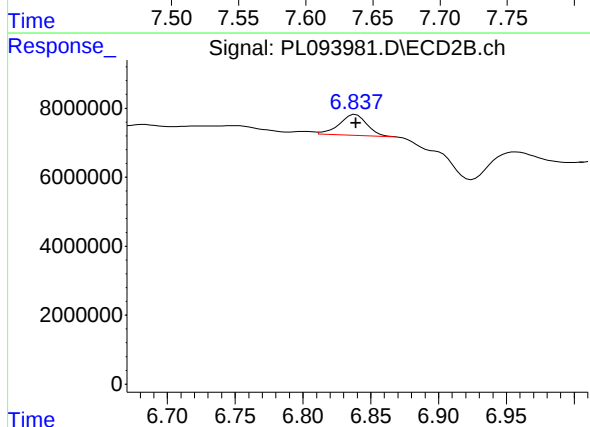
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: 0.003 min  
Response: 4791619  
Conc: 1.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

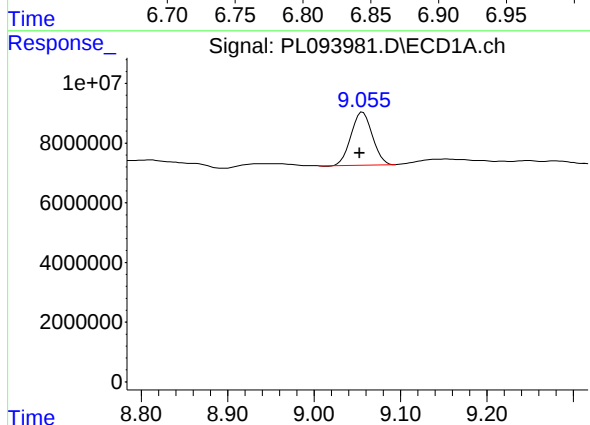
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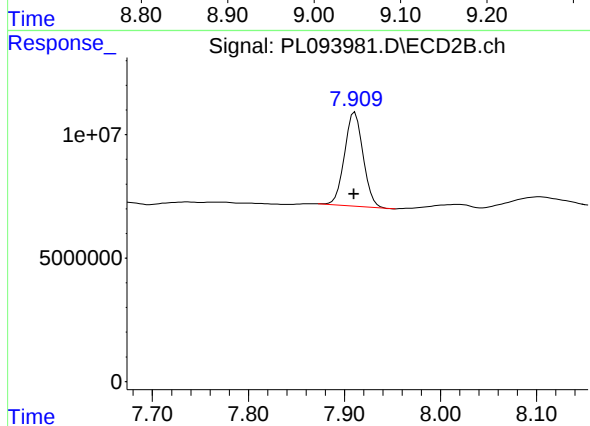
#21 Endrin ketone

R.T.: 6.837 min  
Delta R.T.: -0.002 min  
Response: 8533377  
Conc: 2.03 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: 0.003 min  
Response: 30344810  
Conc: 14.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.911 min  
Delta R.T.: 0.000 min  
Response: 50824880  
Conc: 14.50 ng/ml