

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012125\  
 Data File : PL093747.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jan 2025 15:54  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 01/22/2025  
 Supervised By : Ankita Jodhani 01/22/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 21 17:01:53 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... | 3.538 | 2.775 | 52529067 | 61161782 | 19.508  | 18.737  |
| 28)                         | SA Decachlor... | 9.052 | 7.909 | 41787872 | 68593538 | 19.976  | 19.575  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.994 | 3.276 | 37984678 | 43513268 | 9.908   | 8.900   |
| 3)                          | MA gamma-BHC... | 4.326 | 3.607 | 36320877 | 40665038 | 9.862   | 8.577   |
| 6)                          | B beta-BHC      | 4.525 | 3.907 | 16198000 | 20286054 | 10.078  | 10.156  |
| 12)                         | B 4,4'-DDE      | 6.190 | 5.230 | 509534   | 602144   | 0.209m  | 0.150m# |
| 14)                         | MA Endrin       | 6.572 | 5.636 | 96378332 | 156.2E6  | 41.103  | 42.287  |
| 16)                         | A 4,4'-DDD      | 6.708 | 5.784 | 7658901  | 9521781  | 4.030   | 3.017 # |
| 17)                         | MA 4,4'-DDT     | 7.023 | 6.034 | 172.3E6  | 326.2E6  | 87.351  | 100.236 |
| 18)                         | B Endrin al...  | 6.922 | 6.110 | 4898553  | 9448481  | 2.520   | 3.103   |
| 20)                         | A Methoxychlor  | 7.499 | 6.609 | 212.2E6  | 391.9E6  | 203.350 | 219.141 |
| 21)                         | B Endrin ke...  | 7.641 | 6.837 | 8822278  | 15091599 | 3.497   | 3.597   |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PL093747.D  
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Acq On : 21 Jan 2025 15:54  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

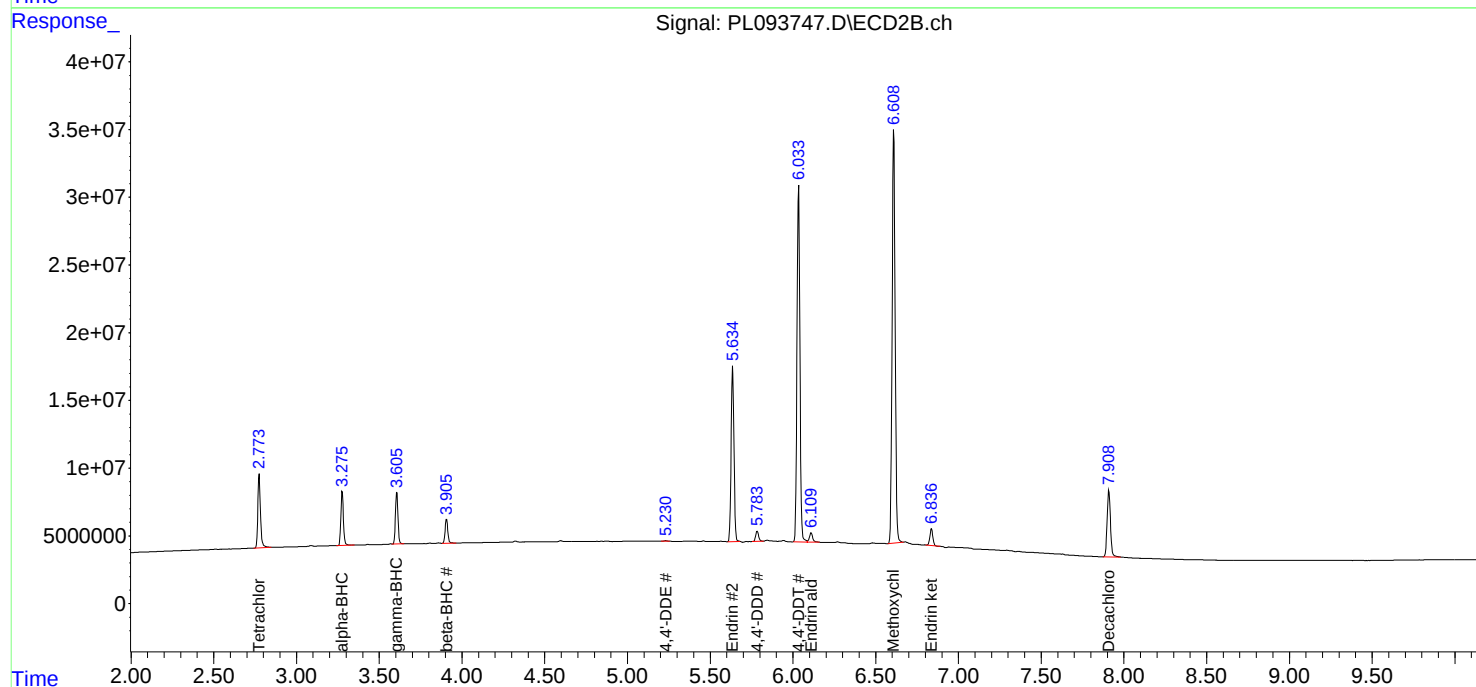
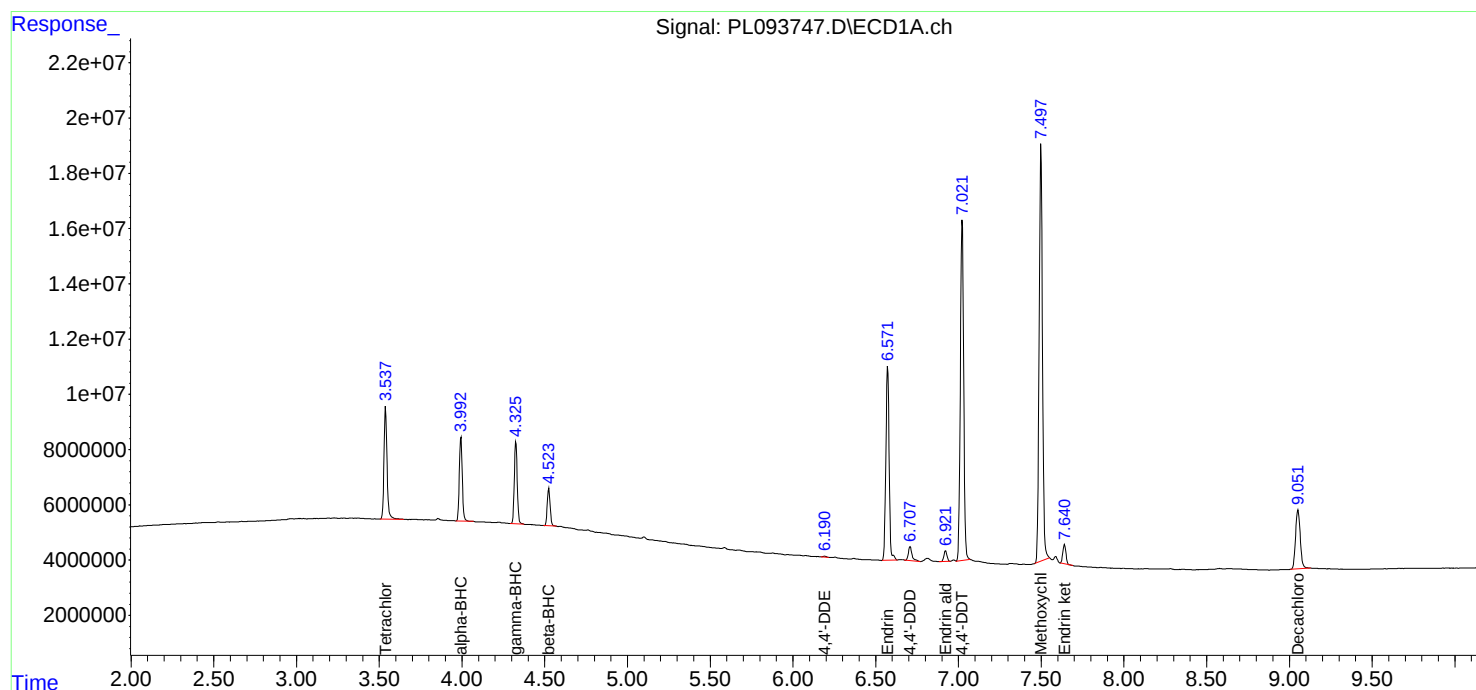
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

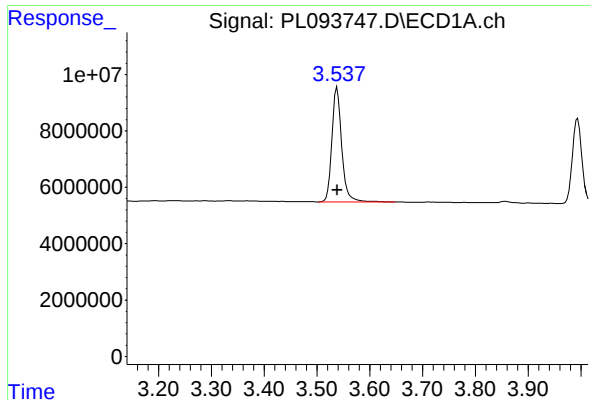
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 21 17:01:53 2025  
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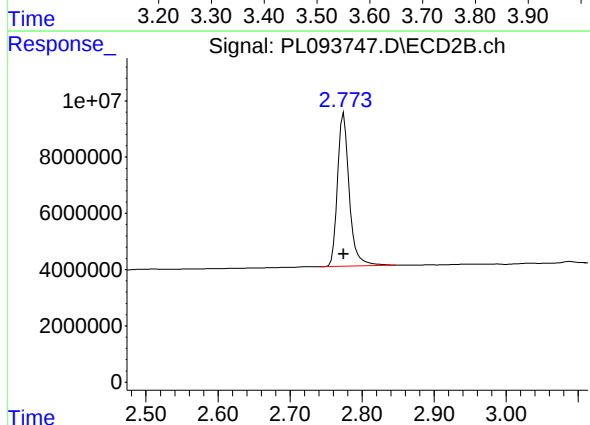
#1 Tetrachloro-m-xylene

R.T.: 3.538 min  
Delta R.T.: 0.000 min  
Response: 52529067  
Conc: 19.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

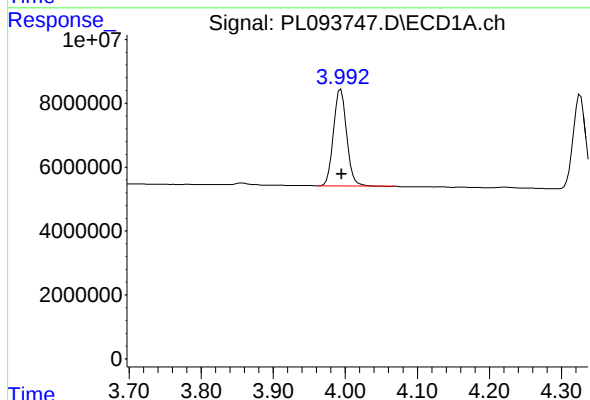
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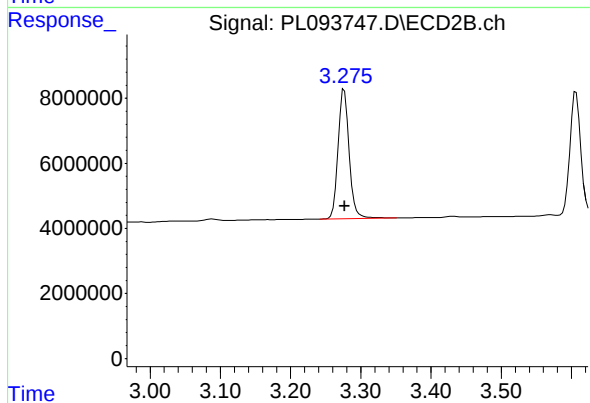
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: 0.000 min  
Response: 61161782  
Conc: 18.74 ng/ml



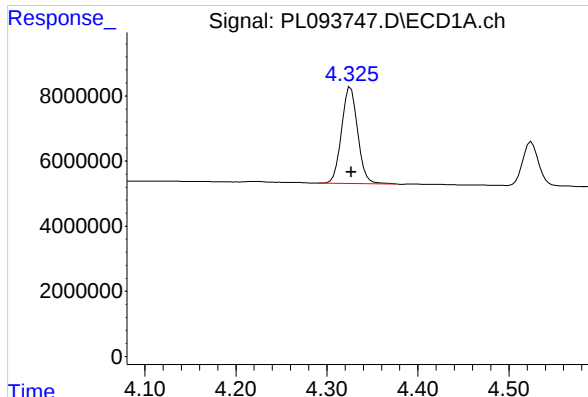
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 37984678  
Conc: 9.91 ng/ml



#2 alpha-BHC

R.T.: 3.276 min  
Delta R.T.: 0.000 min  
Response: 43513268  
Conc: 8.90 ng/ml



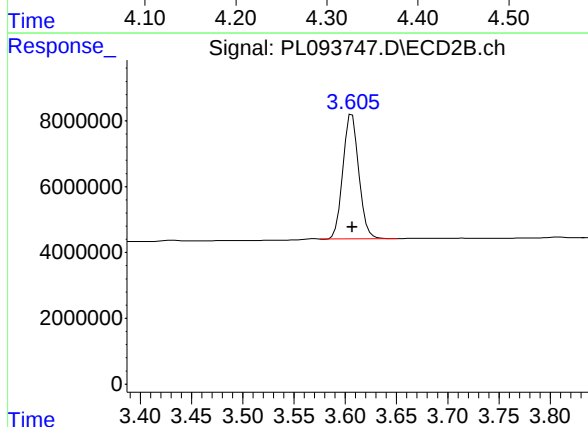
#3 gamma-BHC (Lindane)

R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 36320877  
Conc: 9.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

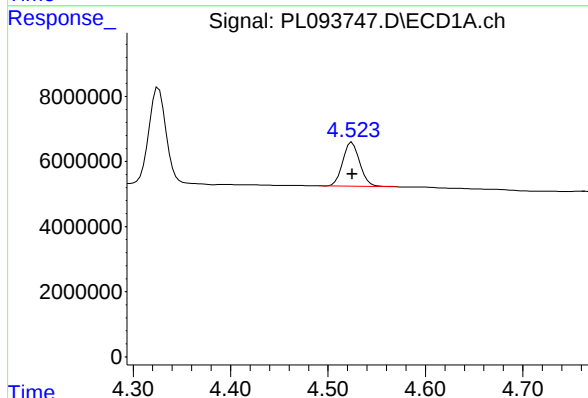
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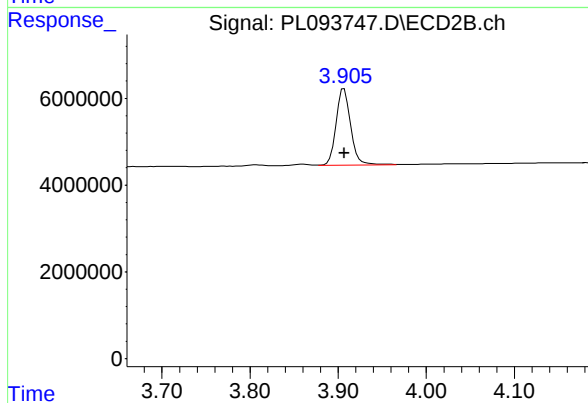
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: 0.000 min  
Response: 40665038  
Conc: 8.58 ng/ml



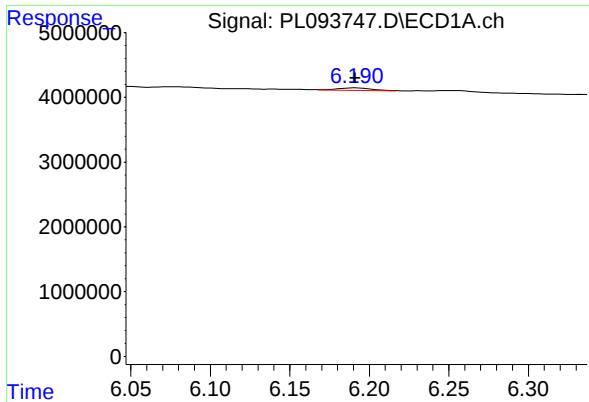
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 16198000  
Conc: 10.08 ng/ml



#6 beta-BHC

R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 20286054  
Conc: 10.16 ng/ml



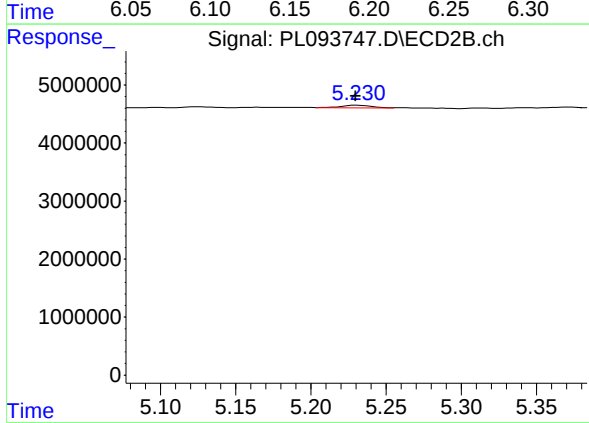
#12 4,4'-DDE

R.T.: 6.190 min  
Delta R.T.: 0.000 min  
Response: 509534  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

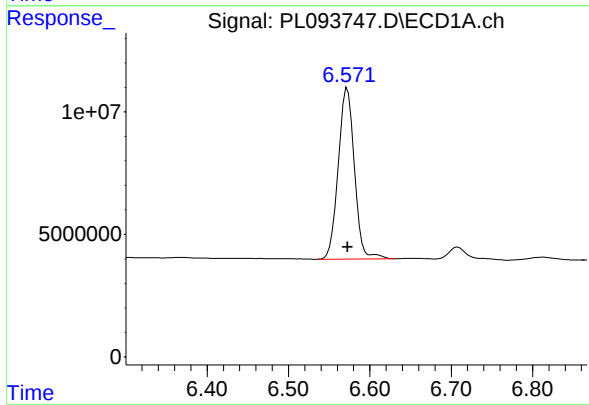
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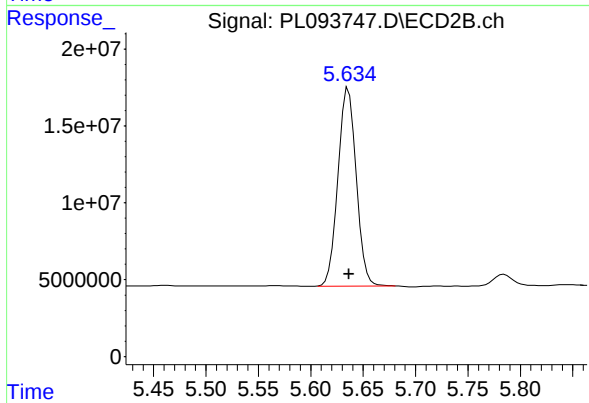
#12 4,4'-DDE

R.T.: 5.230 min  
Delta R.T.: 0.000 min  
Response: 602144  
Conc: 0.15 ng/ml



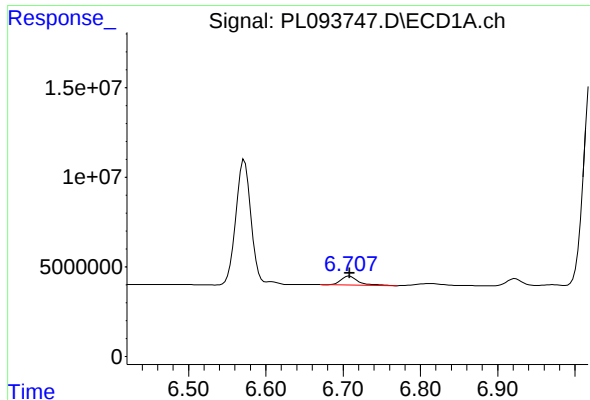
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 96378332  
Conc: 41.10 ng/ml



#14 Endrin

R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 156151642  
Conc: 42.29 ng/ml



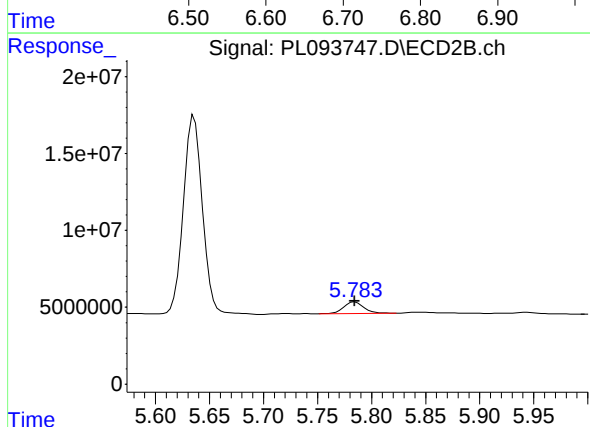
#16 4,4'-DDD

R.T.: 6.708 min  
Delta R.T.: 0.000 min  
Response: 7658901  
Conc: 4.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

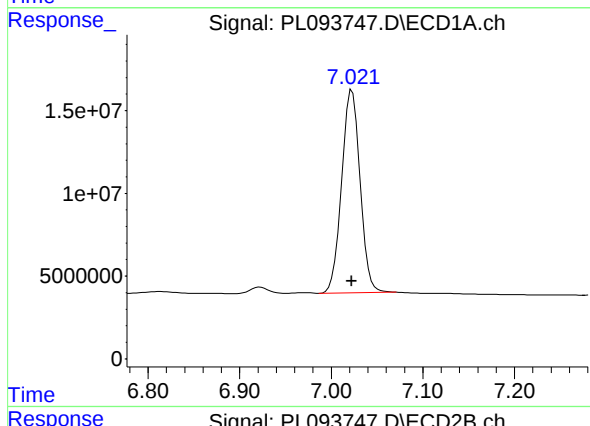
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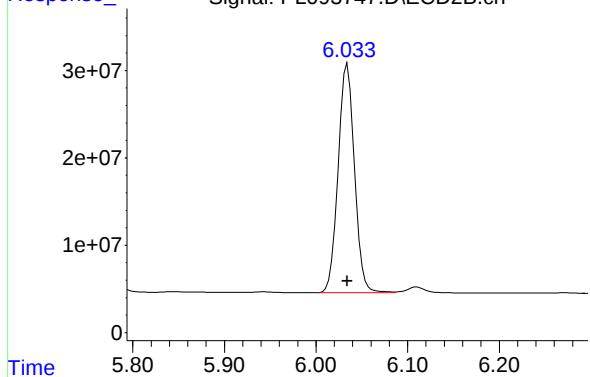
#16 4,4'-DDD

R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 9521781  
Conc: 3.02 ng/ml



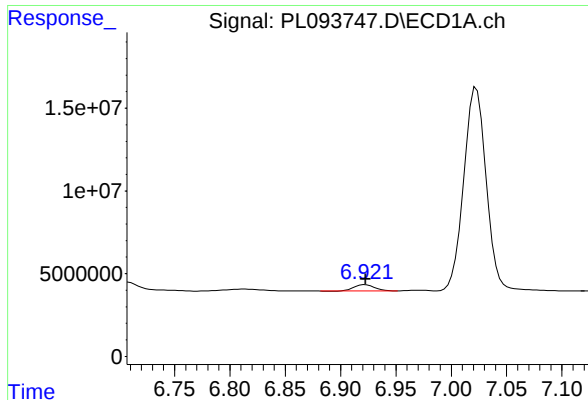
#17 4,4'-DDT

R.T.: 7.023 min  
Delta R.T.: 0.000 min  
Response: 172260654  
Conc: 87.35 ng/ml



#17 4,4'-DDT

R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 326172581  
Conc: 100.24 ng/ml



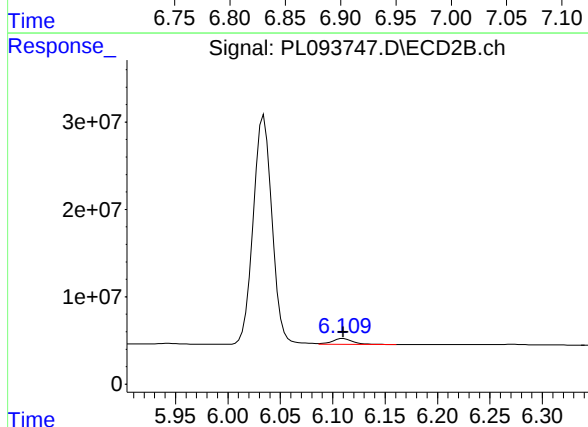
#18 Endrin aldehyde

R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 4898553  
Conc: 2.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

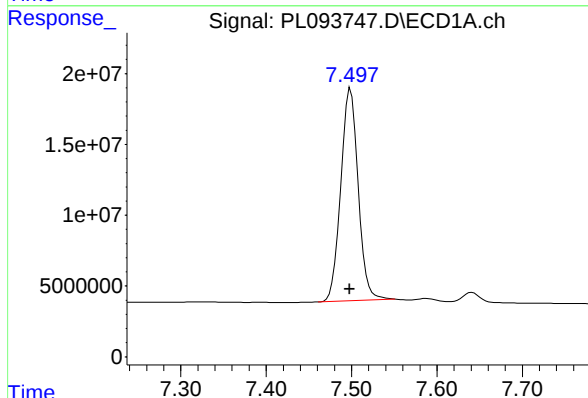
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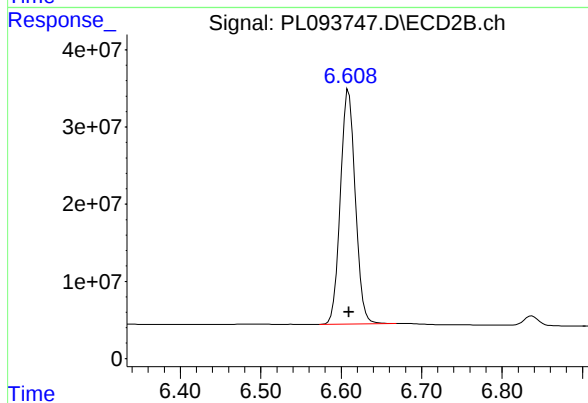
#18 Endrin aldehyde

R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: 9448481  
Conc: 3.10 ng/ml



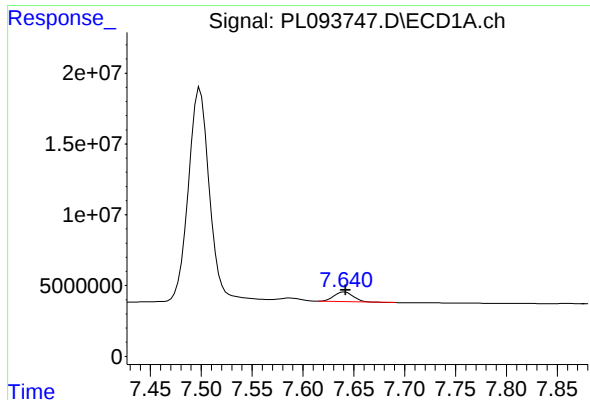
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: 0.000 min  
Response: 212175163  
Conc: 203.35 ng/ml



#20 Methoxychlor

R.T.: 6.609 min  
Delta R.T.: 0.000 min  
Response: 391853867  
Conc: 219.14 ng/ml



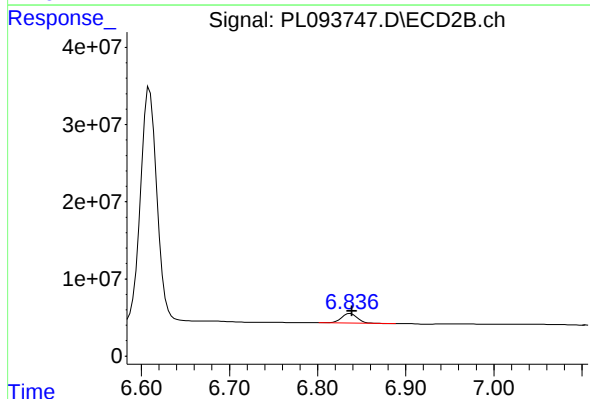
#21 Endrin ketone

R.T.: 7.641 min  
Delta R.T.: 0.000 min  
Response: 8822278  
Conc: 3.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

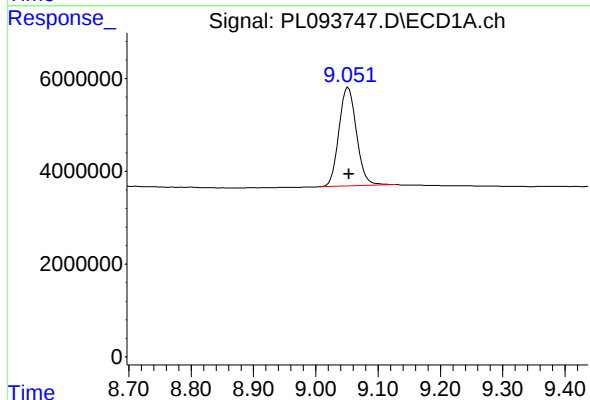
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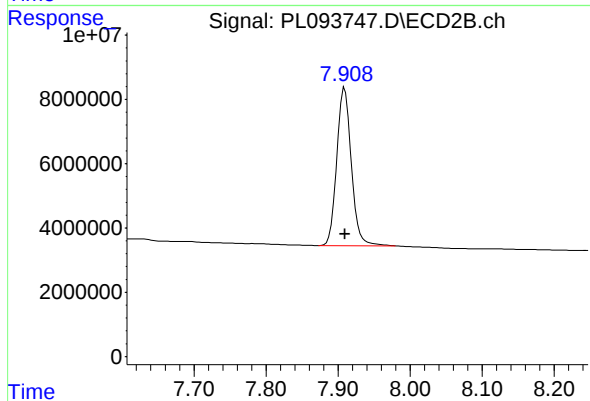
#21 Endrin ketone

R.T.: 6.837 min  
Delta R.T.: -0.002 min  
Response: 15091599  
Conc: 3.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: 0.000 min  
Response: 41787872  
Conc: 19.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: 0.000 min  
Response: 68593538  
Conc: 19.58 ng/ml