

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021624\  
 Data File : PL088118.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Feb 2024 16:52  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 02/19/2024  
 Supervised By :Ankita Jodhani 02/19/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 16 22:19:22 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 16 21:46:54 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... | 3.644 | 2.855 | 56978226 | 28954924 | 20.744   | 20.645  |
| 28)                         | SA Decachlor... | 9.315 | 8.091 | 45076862 | 28865950 | 23.405   | 22.670  |
| Target Compounds            |                 |       |       |          |          |          |         |
| 2)                          | A alpha-BHC     | 4.108 | 3.371 | 39318297 | 19178792 | 9.419    | 9.334   |
| 3)                          | MA gamma-BHC... | 4.447 | 3.708 | 38258449 | 18320691 | 9.448    | 9.149   |
| 6)                          | B beta-BHC      | 4.644 | 4.010 | 17947411 | 9387059  | 10.305   | 10.546  |
| 14)                         | MA Endrin       | 6.728 | 5.780 | 130.1E6  | 71978324 | 50.042   | 47.953  |
| 16)                         | A 4,4'-DDD      | 6.861 | 5.929 | 3657771  | 2689573  | 1.410m   | 1.969m# |
| 17)                         | MA 4,4'-DDT     | 7.182 | 6.186 | 274.0E6  | 153.4E6  | 104.211  | 112.344 |
| 18)                         | B Endrin al...  | 7.080 | 6.261 | 3481153  | 2491886  | 1.684    | 2.282 # |
| 20)                         | A Methoxychlor  | 7.661 | 6.770 | 369.6E6  | 201.9E6  | 279.237m | 257.641 |
| 21)                         | B Endrin ke...  | 7.809 | 6.999 | 8713680  | 6015986  | 3.111    | 3.593   |
| -----                       |                 |       |       |          |          |          |         |

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

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Acq On : 16 Feb 2024 16:52  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

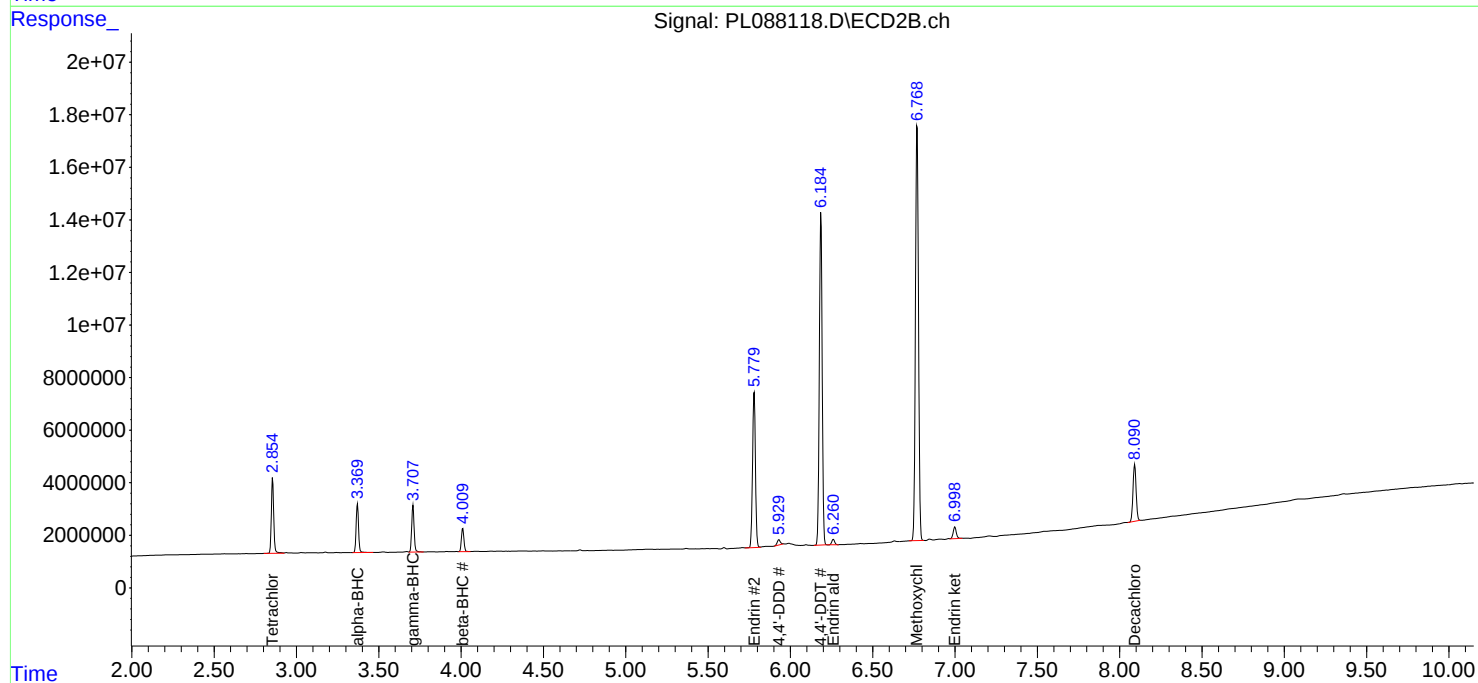
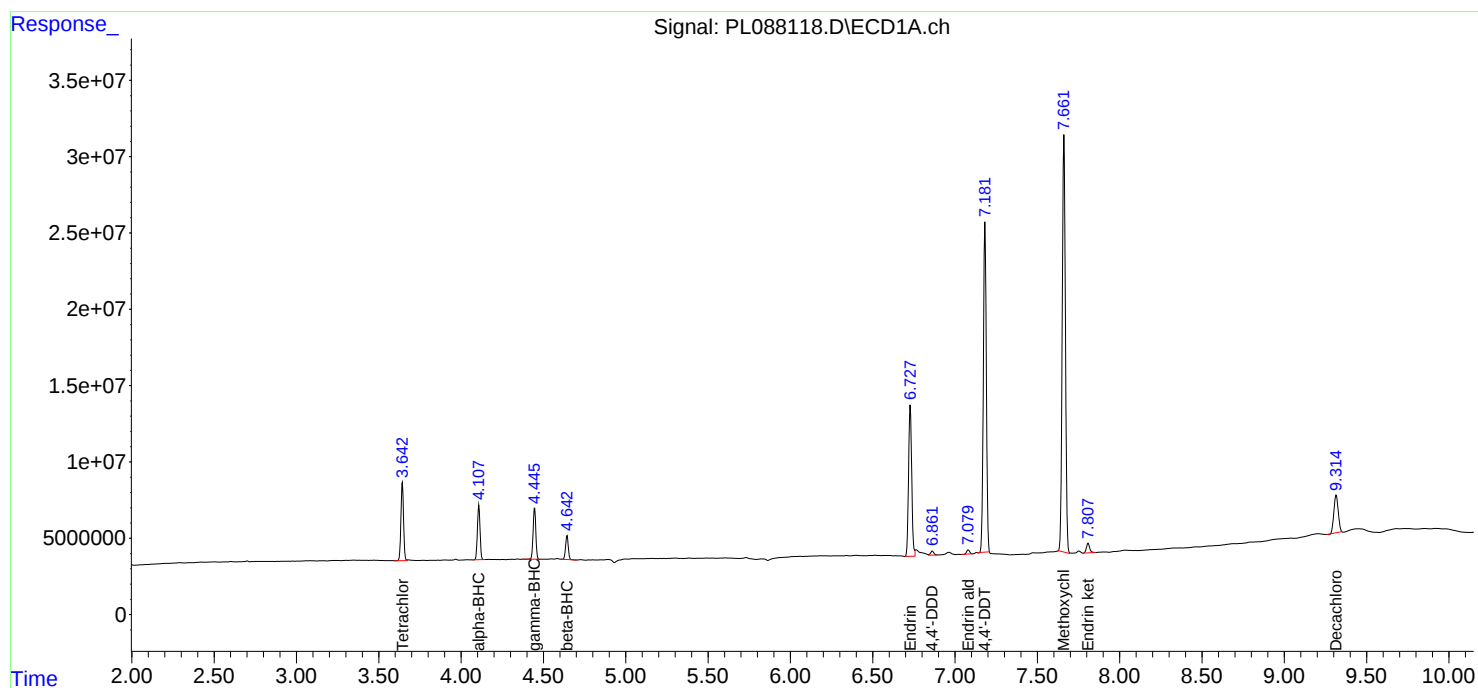
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

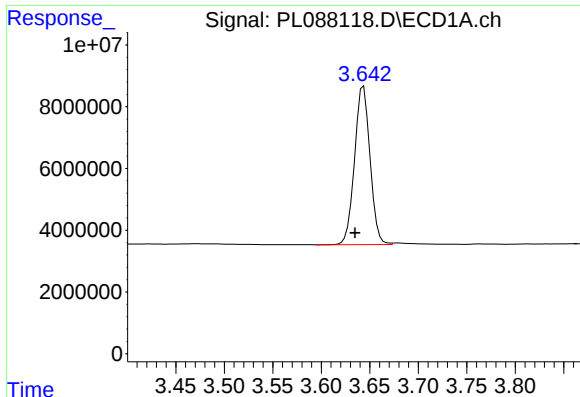
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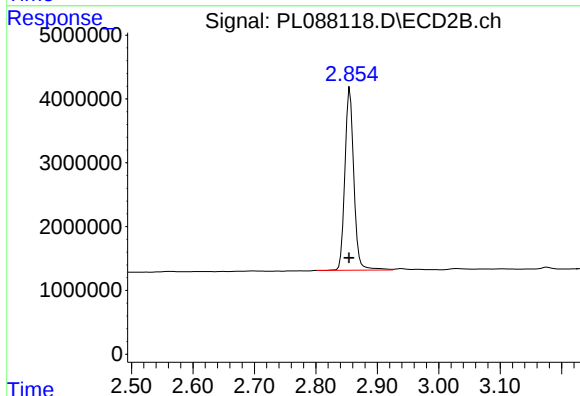
#1 Tetrachloro-m-xylene

R.T.: 3.644 min  
Delta R.T.: 0.009 min  
Response: 56978226  
Conc: 20.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

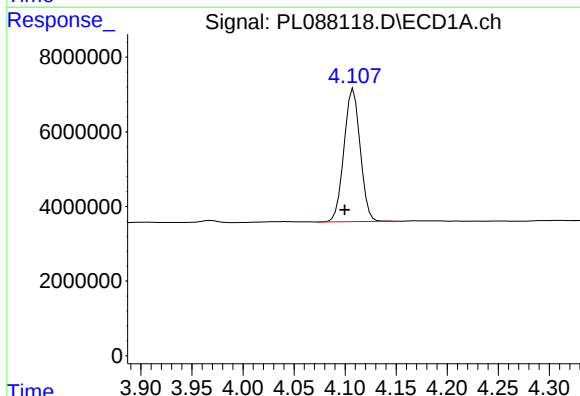
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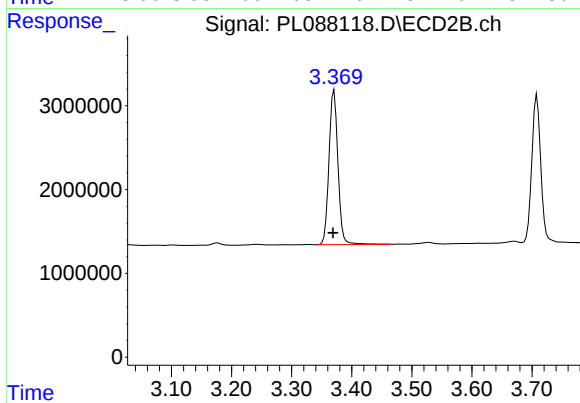
#1 Tetrachloro-m-xylene

R.T.: 2.855 min  
Delta R.T.: 0.002 min  
Response: 28954924  
Conc: 20.64 ng/ml



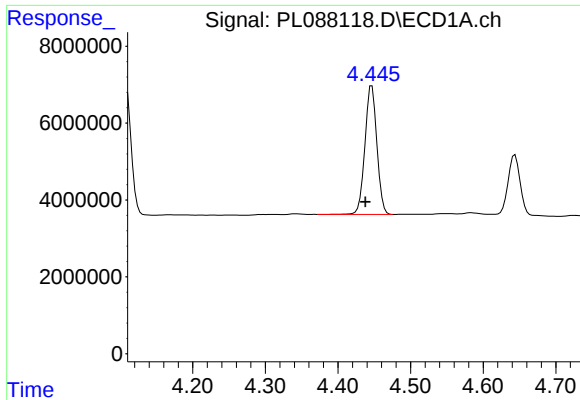
#2 alpha-BHC

R.T.: 4.108 min  
Delta R.T.: 0.009 min  
Response: 39318297  
Conc: 9.42 ng/ml



#2 alpha-BHC

R.T.: 3.371 min  
Delta R.T.: 0.002 min  
Response: 19178792  
Conc: 9.33 ng/ml



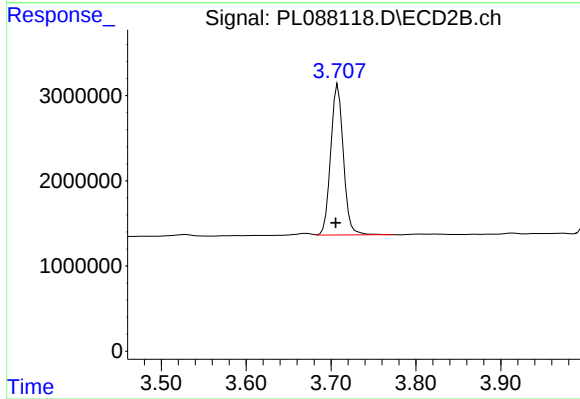
#3 gamma-BHC (Lindane)

R.T.: 4.447 min  
Delta R.T.: 0.009 min  
Response: 38258449  
Conc: 9.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

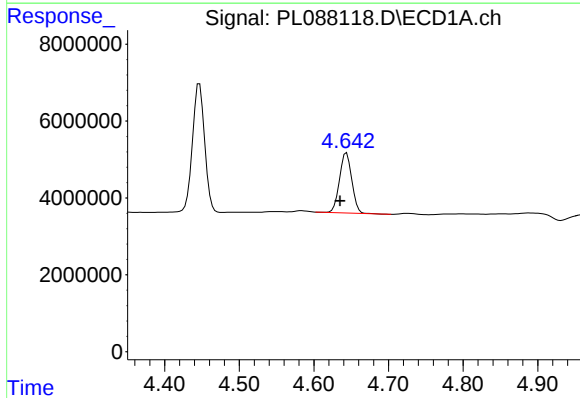
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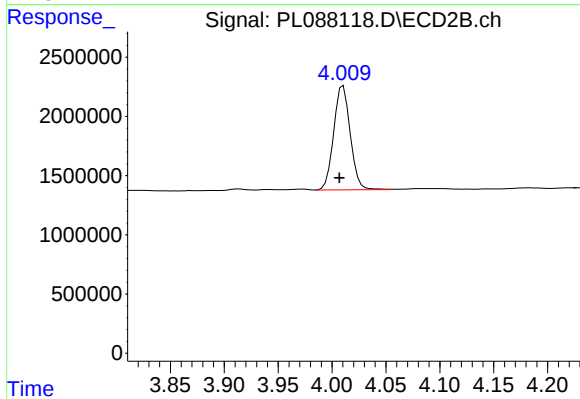
#3 gamma-BHC (Lindane)

R.T.: 3.708 min  
Delta R.T.: 0.003 min  
Response: 18320691  
Conc: 9.15 ng/ml



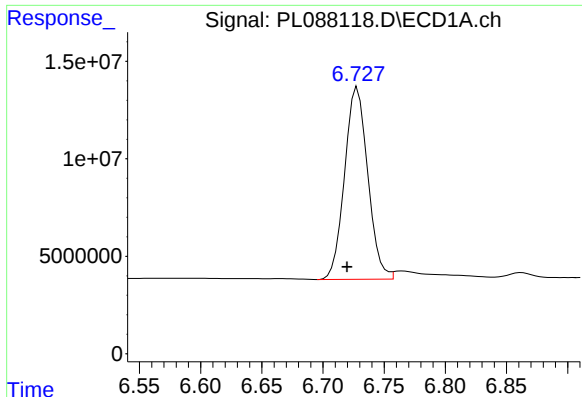
#6 beta-BHC

R.T.: 4.644 min  
Delta R.T.: 0.009 min  
Response: 17947411  
Conc: 10.30 ng/ml



#6 beta-BHC

R.T.: 4.010 min  
Delta R.T.: 0.003 min  
Response: 9387059  
Conc: 10.55 ng/ml



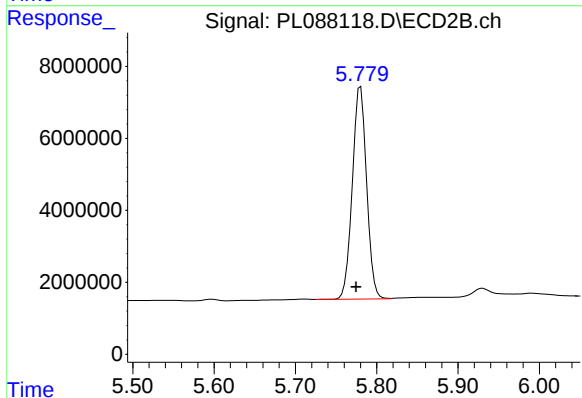
#14 Endrin

R.T.: 6.728 min  
Delta R.T.: 0.008 min  
Response: 130139649  
Conc: 50.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

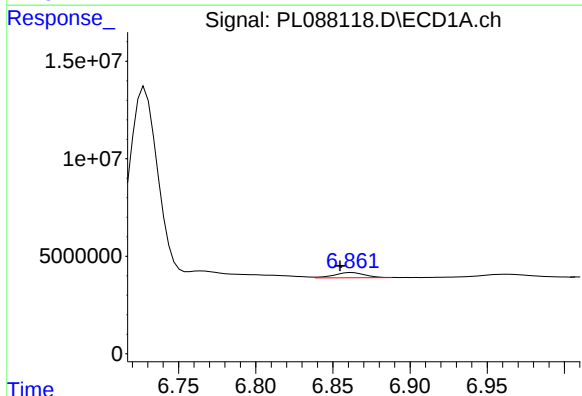
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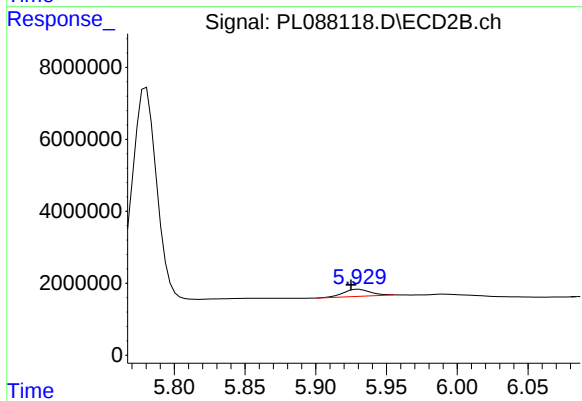
#14 Endrin

R.T.: 5.780 min  
Delta R.T.: 0.005 min  
Response: 71978324  
Conc: 47.95 ng/ml



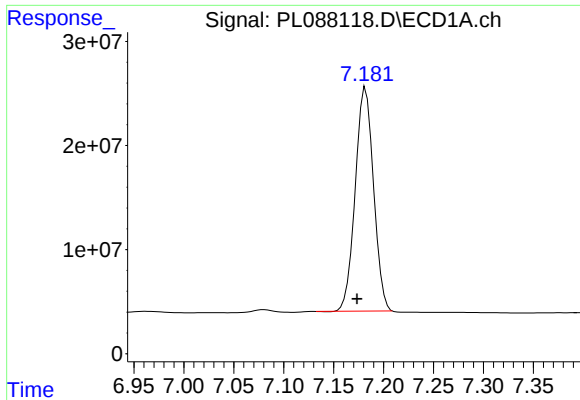
#16 4,4'-DDD

R.T.: 6.861 min  
Delta R.T.: 0.006 min  
Response: 3657771  
Conc: 1.41 ng/ml m



#16 4,4'-DDD

R.T.: 5.929 min  
Delta R.T.: 0.004 min  
Response: 2689573  
Conc: 1.97 ng/ml m



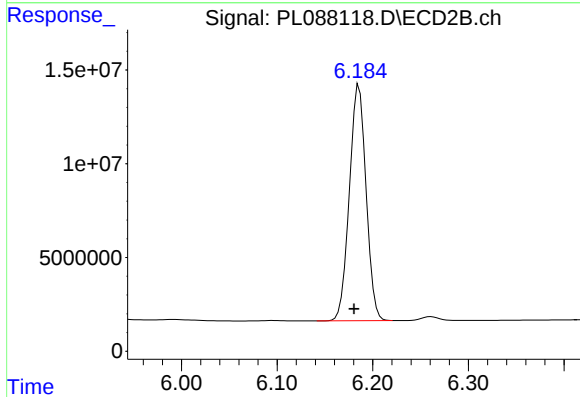
#17 4,4'-DDT

R.T.: 7.182 min  
Delta R.T.: 0.009 min  
Response: 273991748  
Conc: 104.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

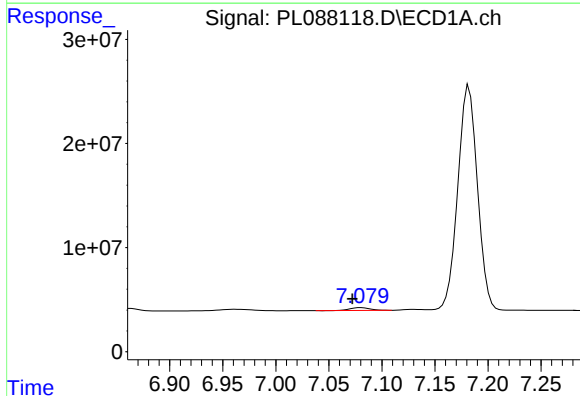
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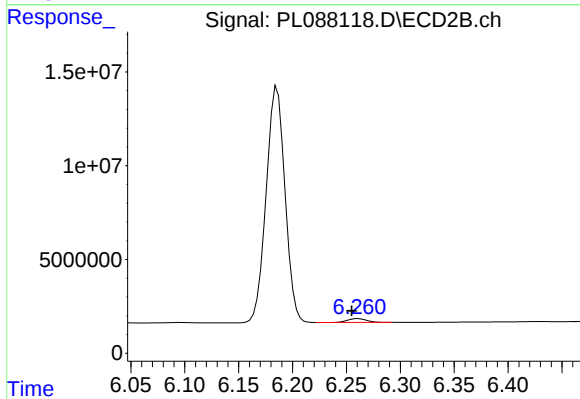
#17 4,4'-DDT

R.T.: 6.186 min  
Delta R.T.: 0.005 min  
Response: 153375175  
Conc: 112.34 ng/ml



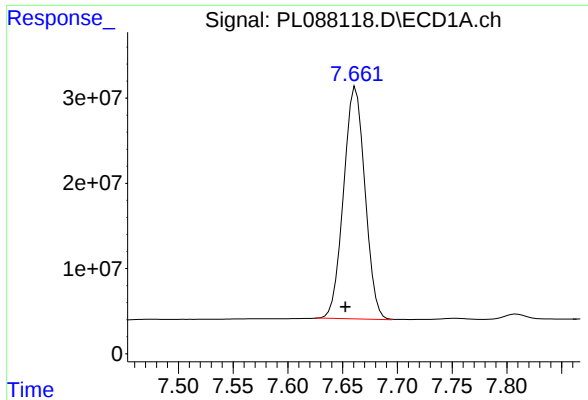
#18 Endrin aldehyde

R.T.: 7.080 min  
Delta R.T.: 0.008 min  
Response: 3481153  
Conc: 1.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min  
Delta R.T.: 0.006 min  
Response: 2491886  
Conc: 2.28 ng/ml



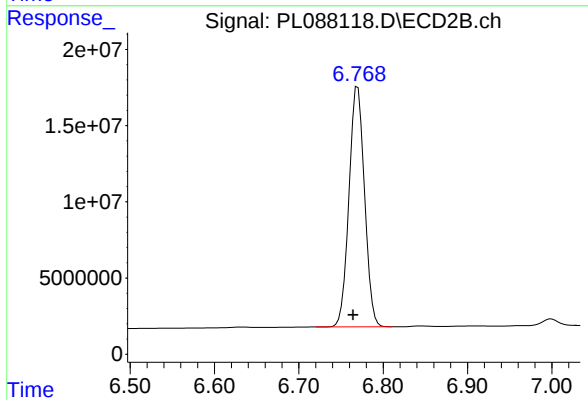
#20 Methoxychlor

R.T.: 7.661 min  
Delta R.T.: 0.008 min  
Response: 369628994  
Conc: 279.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

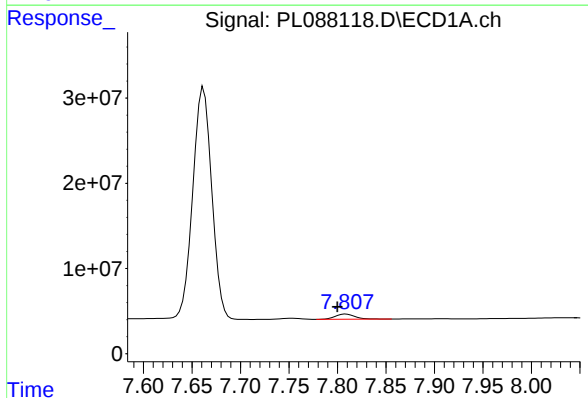
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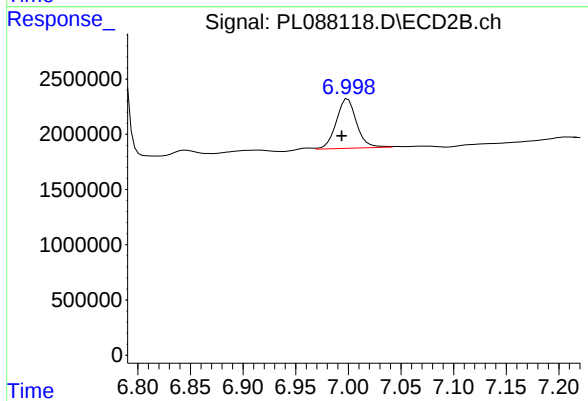
#20 Methoxychlor

R.T.: 6.770 min  
Delta R.T.: 0.006 min  
Response: 201927343  
Conc: 257.64 ng/ml



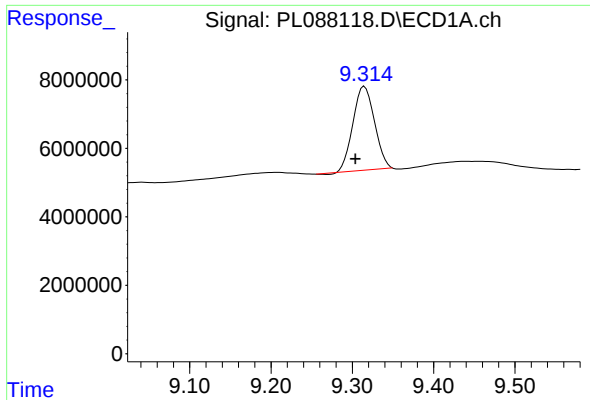
#21 Endrin ketone

R.T.: 7.809 min  
Delta R.T.: 0.009 min  
Response: 8713680  
Conc: 3.11 ng/ml



#21 Endrin ketone

R.T.: 6.999 min  
Delta R.T.: 0.006 min  
Response: 6015986  
Conc: 3.59 ng/ml



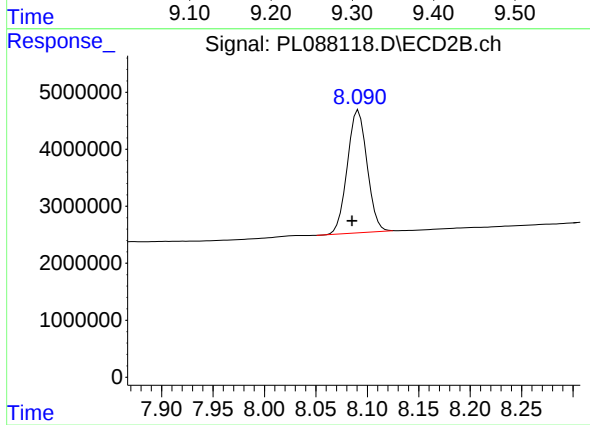
#28 Decachlorobiphenyl

R.T.: 9.315 min  
Delta R.T.: 0.011 min  
Response: 45076862  
Conc: 23.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 8.091 min  
Delta R.T.: 0.006 min  
Response: 28865950  
Conc: 22.67 ng/ml