

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050624\  
 Data File : PL089370.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 May 2024 12:07  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/07/2024  
 Supervised By : Ankita Jodhani 05/07/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 07 01:28:53 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 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... | 3.550 | 2.796 | 42573296 | 27075688 | 21.142  | 21.103    |
| 28)                         | SA Decachlor... | 9.063 | 7.947 | 29004485 | 27827420 | 20.732  | 20.687    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.005 | 3.301 | 31248172 | 18247607 | 10.957  | 9.671     |
| 3)                          | MA gamma-BHC... | 4.338 | 3.631 | 29532104 | 17574910 | 10.608  | 9.524m    |
| 6)                          | B beta-BHC      | 4.533 | 3.929 | 13754604 | 9072469  | 10.903  | 11.112    |
| 12)                         | B 4,4'-DDE      | 6.203 | 5.261 | 1493252  | 547330   | 0.738   | 0.376m#   |
| 14)                         | MA Endrin       | 6.585 | 5.669 | 86301560 | 71032045 | 45.558  | 49.408    |
| 16)                         | A 4,4'-DDD      | 6.718 | 5.818 | 1723206  | 854207   | 1.021m  | 0.693 #   |
| 17)                         | MA 4,4'-DDT     | 7.032 | 6.068 | 156.0E6  | 146.7E6  | 84.856  | 108.431 # |
| 18)                         | B Endrin al...  | 6.933 | 6.143 | 3016789  | 2227850  | 1.995   | 2.003     |
| 20)                         | A Methoxychlor  | 7.507 | 6.643 | 198.1E6  | 193.0E6  | 201.407 | 241.434   |
| 21)                         | B Endrin ke...  | 7.651 | 6.870 | 4971127  | 3077336  | 2.484   | 1.925     |
| -----                       |                 |       |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050624\  
Data File : PL089370.D  
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Acq On : 06 May 2024 12:07  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

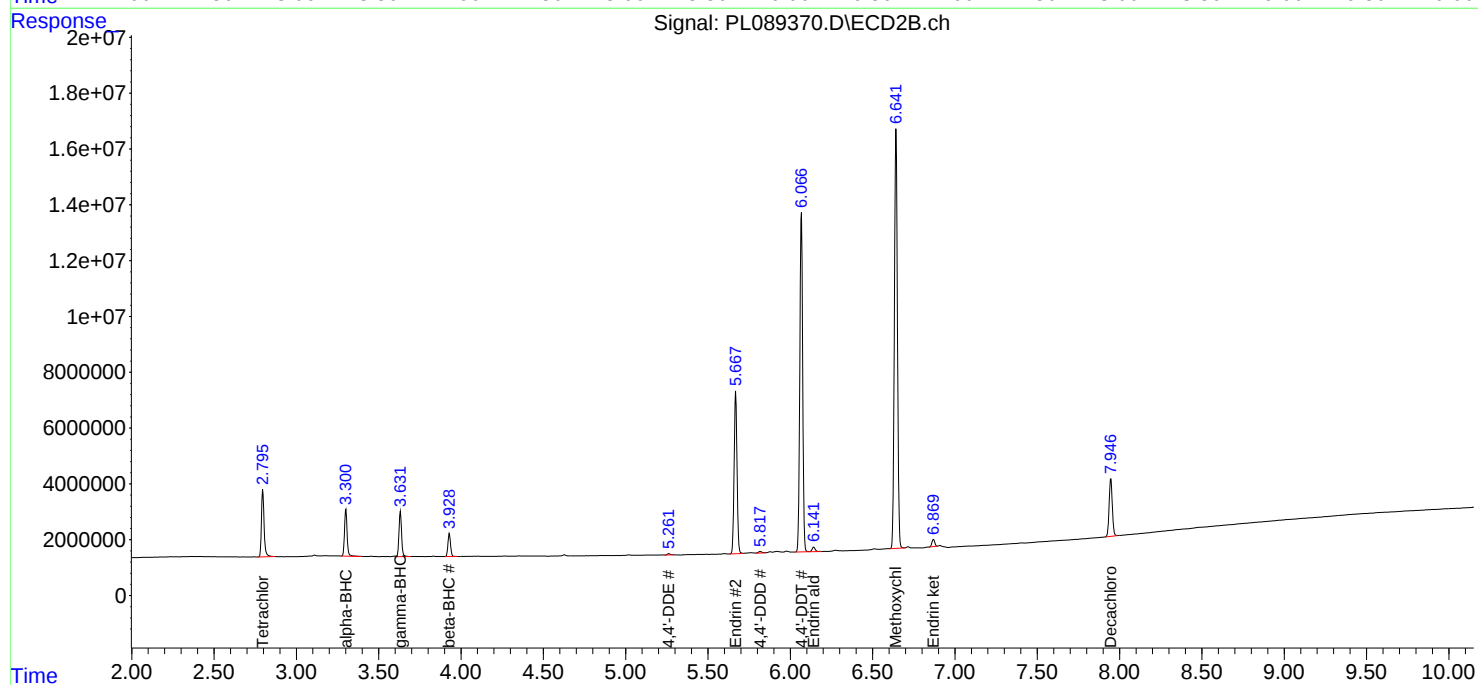
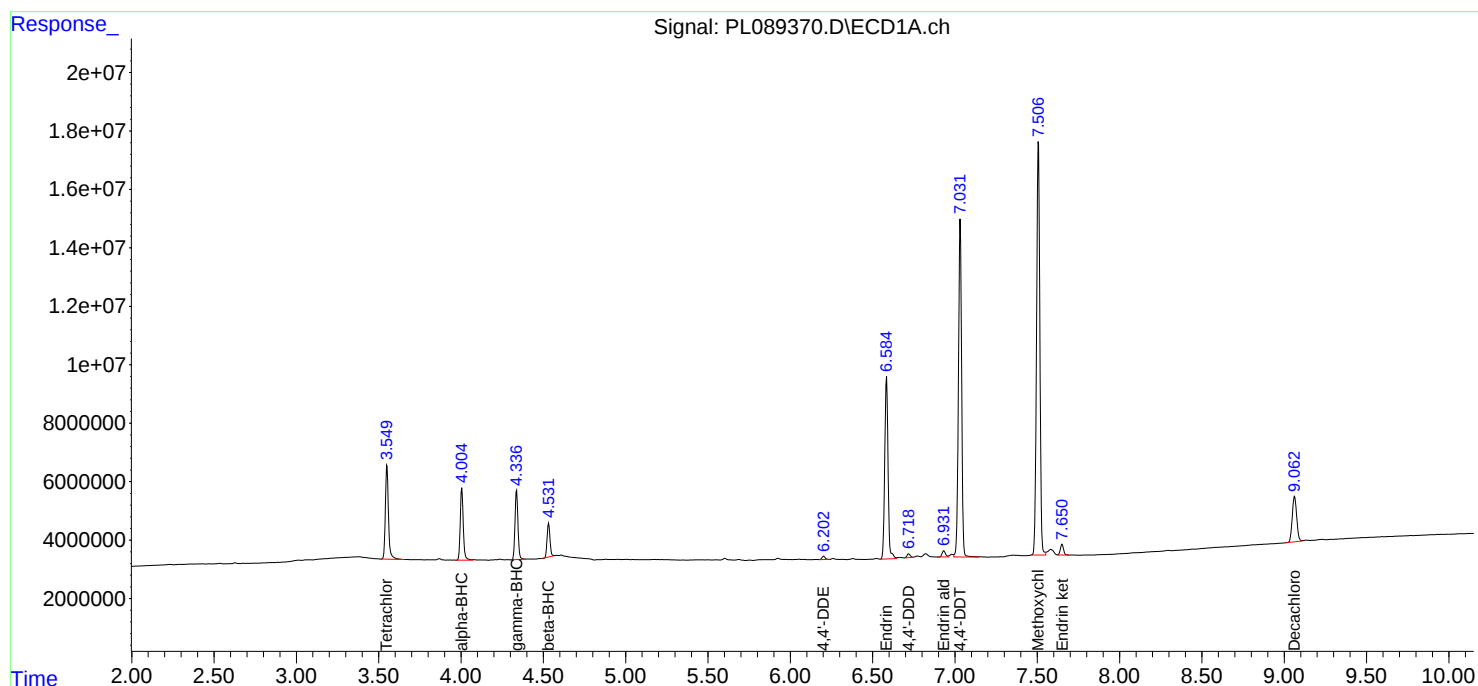
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

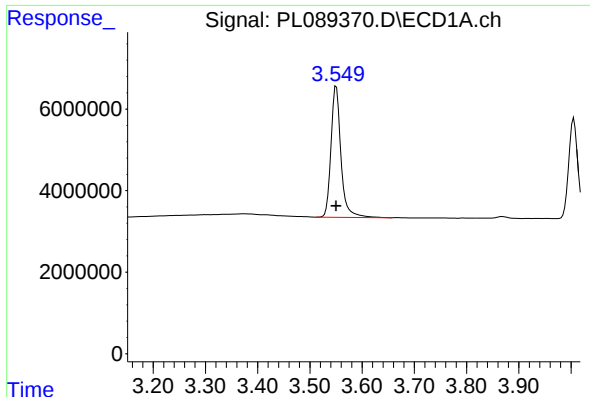
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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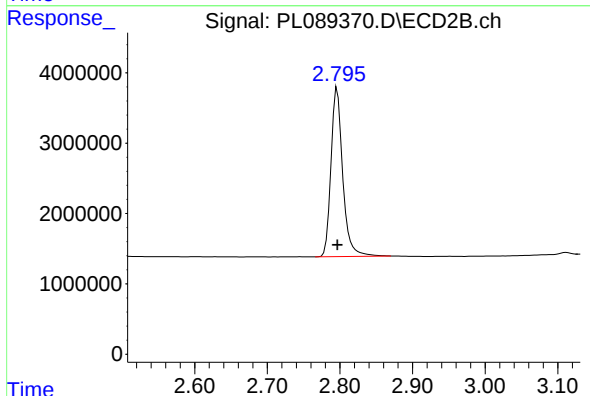
#1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 42573296  
Conc: 21.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

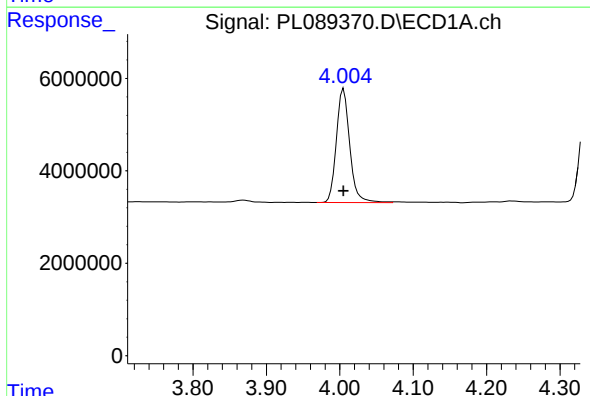
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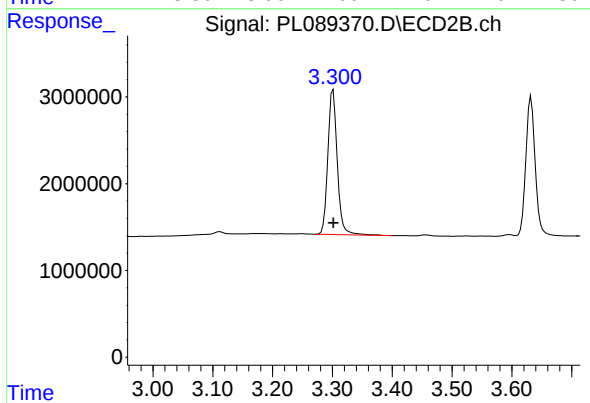
#1 Tetrachloro-m-xylene

R.T.: 2.796 min  
Delta R.T.: 0.000 min  
Response: 27075688  
Conc: 21.10 ng/ml



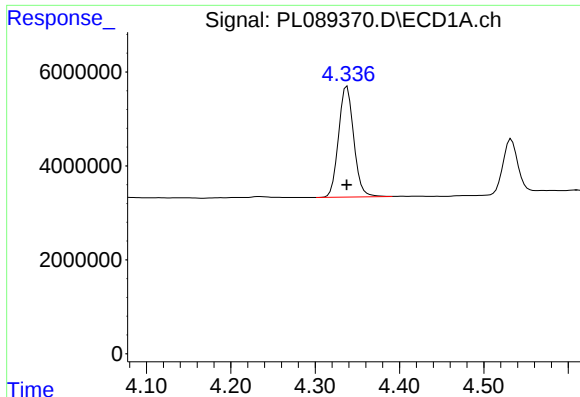
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: 0.000 min  
Response: 31248172  
Conc: 10.96 ng/ml



#2 alpha-BHC

R.T.: 3.301 min  
Delta R.T.: 0.000 min  
Response: 18247607  
Conc: 9.67 ng/ml



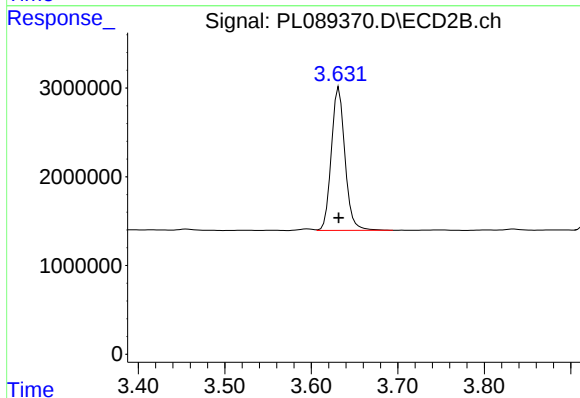
#3 gamma-BHC (Lindane)

R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 29532104  
Conc: 10.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

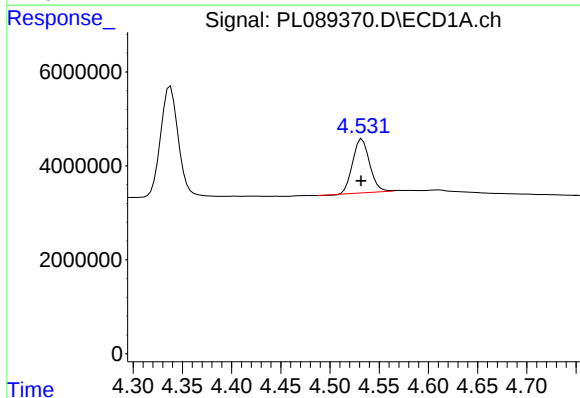
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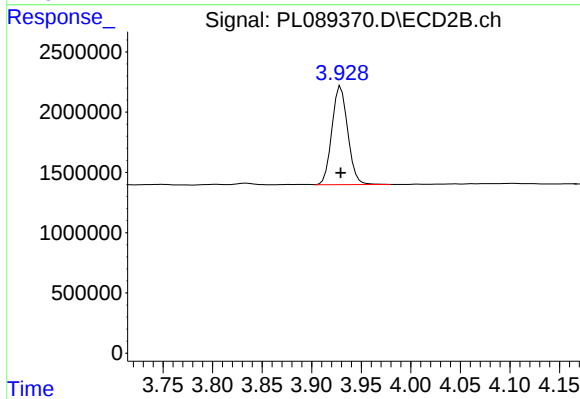
#3 gamma-BHC (Lindane)

R.T.: 3.631 min  
Delta R.T.: -0.001 min  
Response: 17574910  
Conc: 9.52 ng/ml m



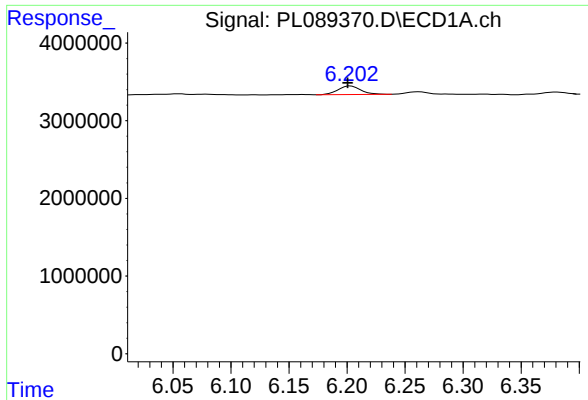
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.001 min  
Response: 13754604  
Conc: 10.90 ng/ml



#6 beta-BHC

R.T.: 3.929 min  
Delta R.T.: 0.000 min  
Response: 9072469  
Conc: 11.11 ng/ml



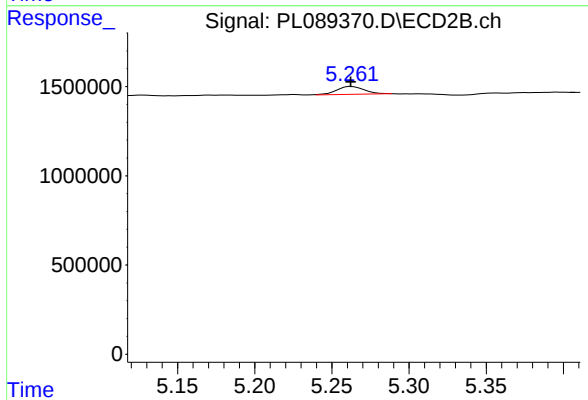
#12 4,4'-DDE

R.T.: 6.203 min  
Delta R.T.: 0.003 min  
Response: 1493252  
Conc: 0.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

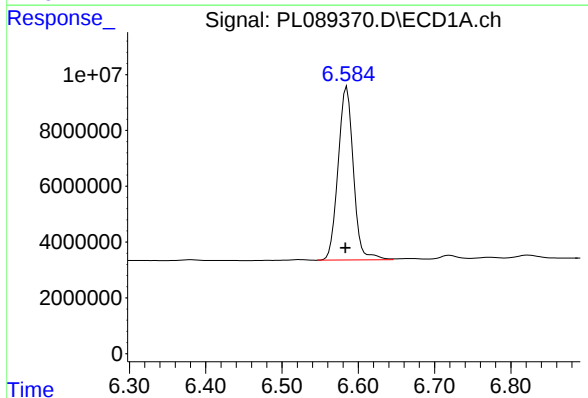
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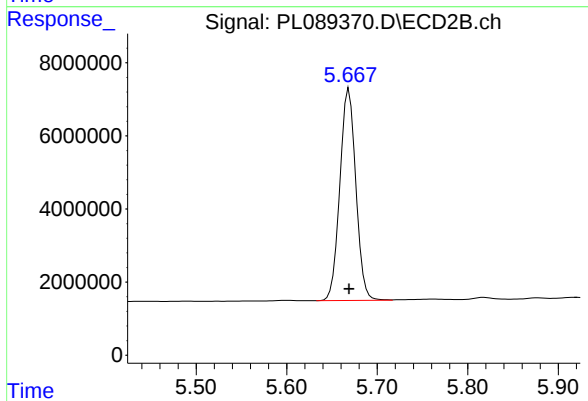
#12 4,4'-DDE

R.T.: 5.261 min  
Delta R.T.: 0.000 min  
Response: 547330  
Conc: 0.38 ng/ml m



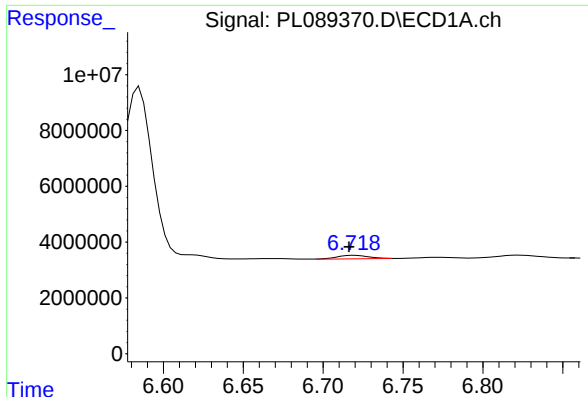
#14 Endrin

R.T.: 6.585 min  
Delta R.T.: 0.002 min  
Response: 86301560  
Conc: 45.56 ng/ml



#14 Endrin

R.T.: 5.669 min  
Delta R.T.: 0.000 min  
Response: 71032045  
Conc: 49.41 ng/ml



#16 4,4'-DDD

R.T.: 6.718 min  
Delta R.T.: 0.001 min  
Response: 1723206  
Conc: 1.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#16 4,4'-DDD

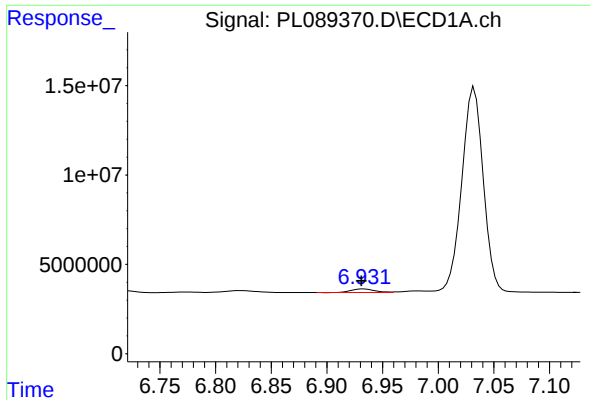
R.T.: 5.818 min  
Delta R.T.: 0.002 min  
Response: 854207  
Conc: 0.69 ng/ml

#17 4,4'-DDT

R.T.: 7.032 min  
Delta R.T.: 0.002 min  
Response: 156047559  
Conc: 84.86 ng/ml

#17 4,4'-DDT

R.T.: 6.068 min  
Delta R.T.: 0.000 min  
Response: 146705148  
Conc: 108.43 ng/ml



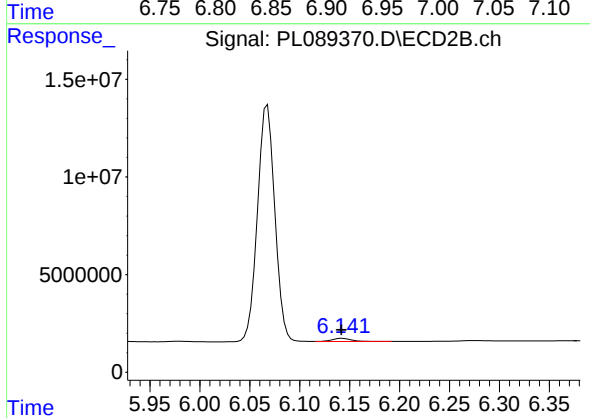
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: 0.002 min  
Response: 3016789  
Conc: 1.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

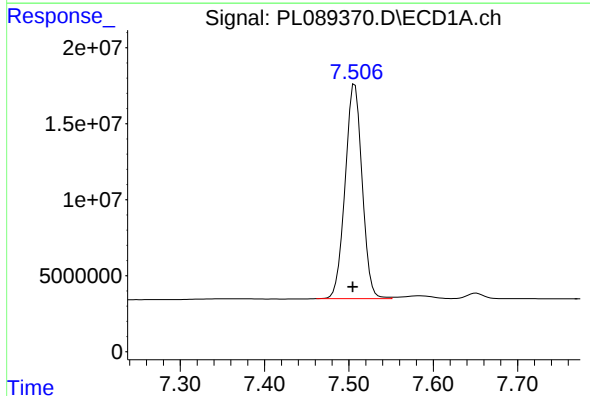
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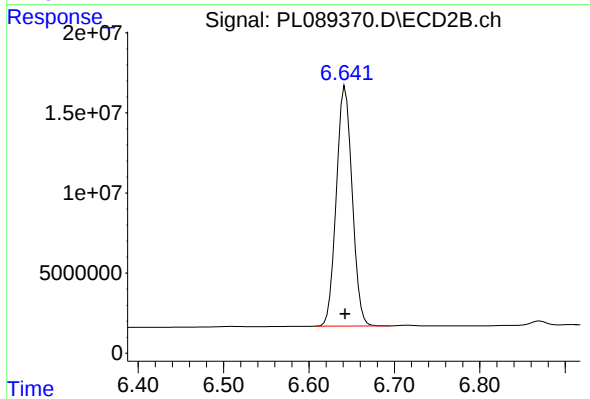
#18 Endrin aldehyde

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 2227850  
Conc: 2.00 ng/ml



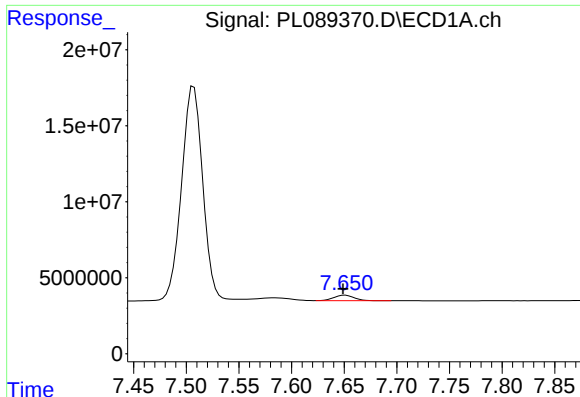
#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: 0.003 min  
Response: 198064025  
Conc: 201.41 ng/ml



#20 Methoxychlor

R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 193046920  
Conc: 241.43 ng/ml



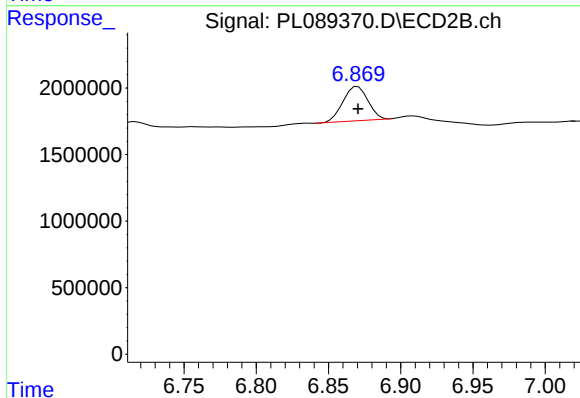
#21 Endrin ketone

R.T.: 7.651 min  
Delta R.T.: 0.002 min  
Response: 4971127  
Conc: 2.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

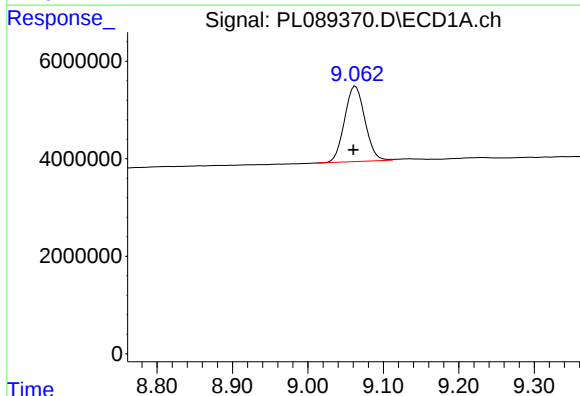
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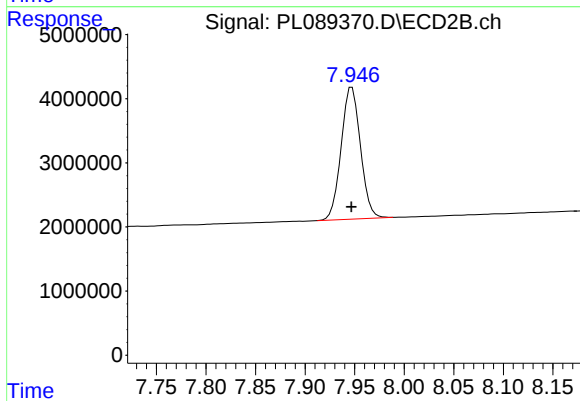
#21 Endrin ketone

R.T.: 6.870 min  
Delta R.T.: 0.000 min  
Response: 3077336  
Conc: 1.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: 0.003 min  
Response: 29004485  
Conc: 20.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.947 min  
Delta R.T.: 0.000 min  
Response: 27827420  
Conc: 20.69 ng/ml