

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090524\  
 Data File : PL091506.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Sep 2024 14:36  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/05/2024  
 Supervised By :Ankita Jodhani 09/05/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 05 01:18:03 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 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... | 3.545 | 2.784 | 41500786 | 42750573 | 19.328  | 21.901    |
| 28)                         | SA Decachlor... | 9.057 | 7.923 | 34080794 | 41753253 | 22.355  | 22.044    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.999 | 3.287 | 30481180 | 28824809 | 10.168  | 10.393    |
| 3)                          | MA gamma-BHC... | 4.332 | 3.617 | 29198649 | 25676348 | 10.178  | 9.748     |
| 6)                          | B beta-BHC      | 4.528 | 3.916 | 14904978 | 13464652 | 11.021  | 11.439    |
| 14)                         | MA Endrin       | 6.578 | 5.648 | 82517991 | 99262240 | 42.552  | 48.726    |
| 16)                         | A 4,4'-DDD      | 6.713 | 5.796 | 6568448  | 5435621  | 4.346   | 3.293     |
| 17)                         | MA 4,4'-DDT     | 7.027 | 6.047 | 153.5E6  | 195.6E6  | 86.459  | 110.100 # |
| 18)                         | B Endrin al...  | 6.926 | 6.122 | 2660671  | 3184253  | 1.667   | 2.044     |
| 20)                         | A Methoxychlor  | 7.502 | 6.621 | 203.4E6  | 242.0E6  | 216.321 | 243.706   |
| 21)                         | B Endrin ke...  | 7.644 | 6.849 | 7224218  | 6817744  | 3.441m  | 3.130     |
| -----                       |                 |       |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090524\  
Data File : PL091506.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Sep 2024 14:36  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

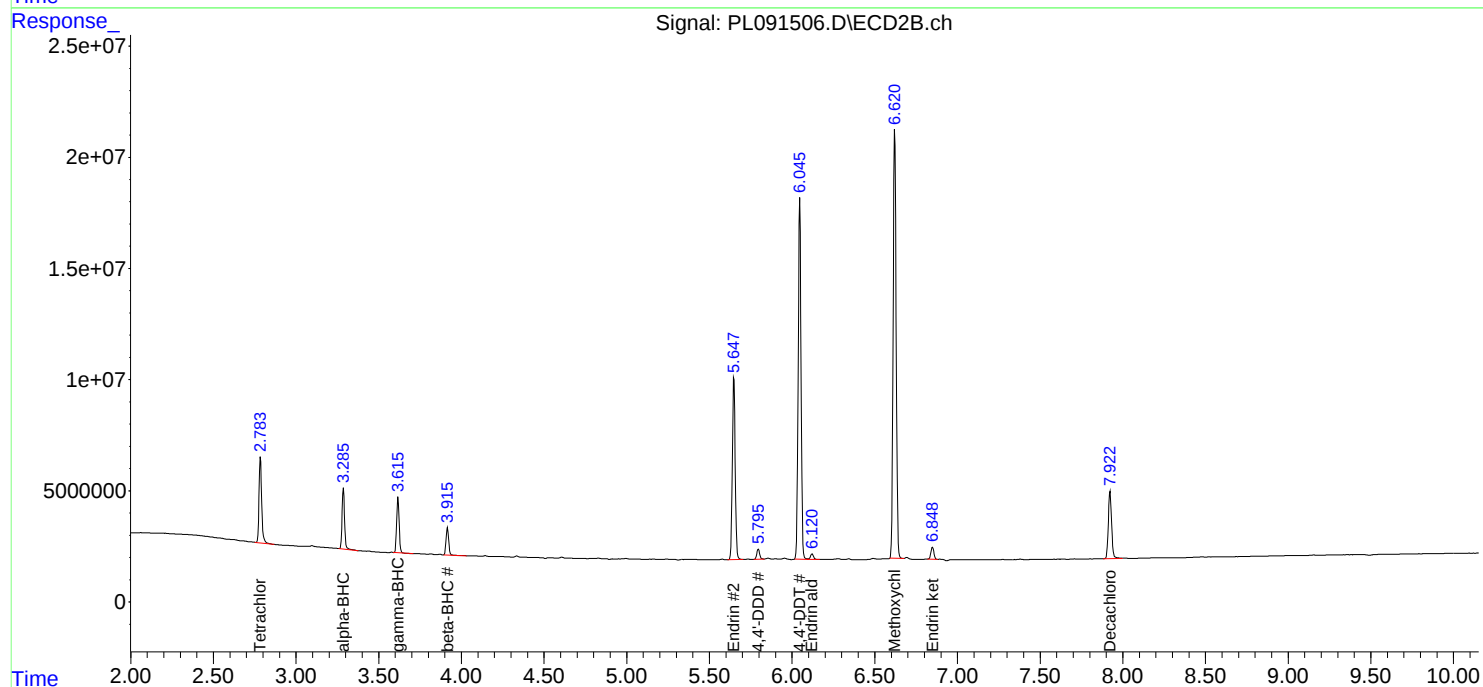
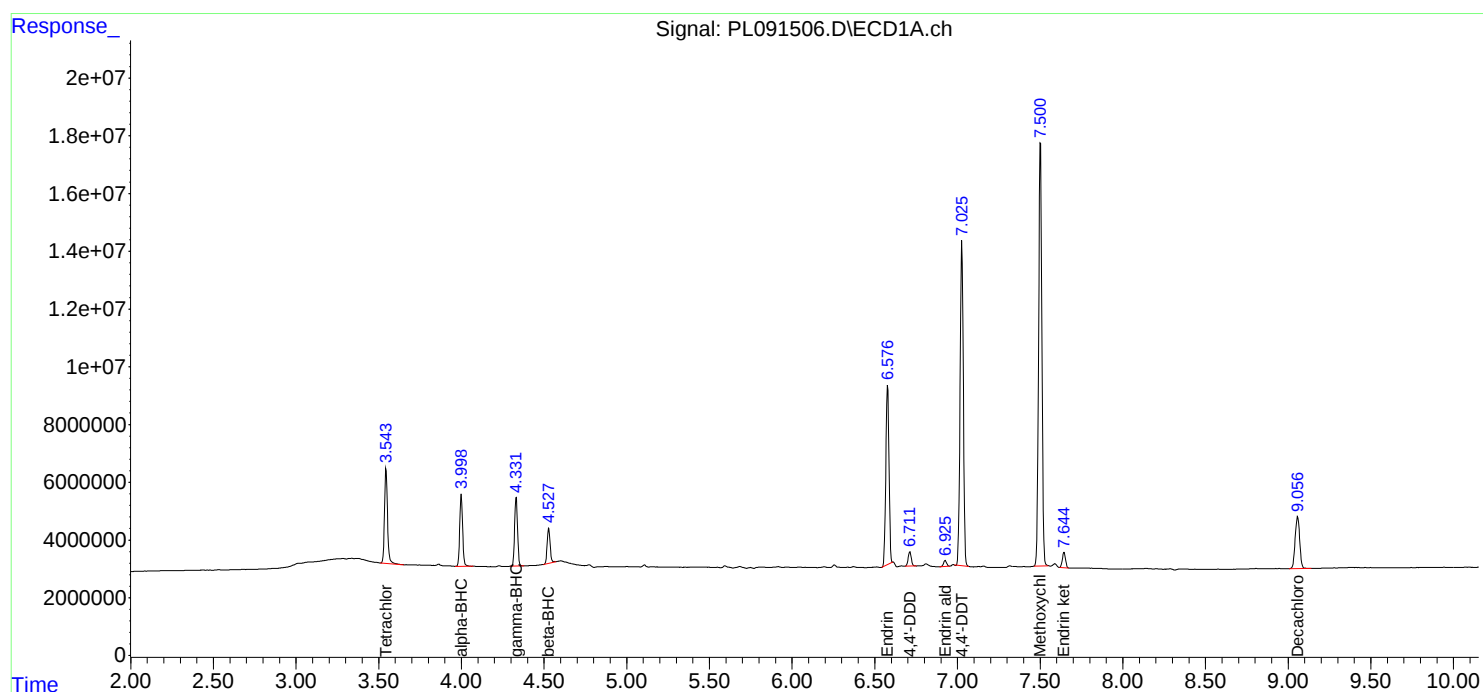
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

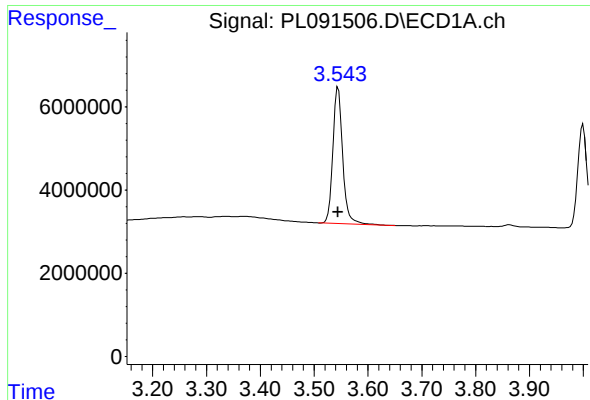
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 05 01:18:03 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
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QLast Update : Wed Aug 14 13:09:19 2024  
Response via : Initial Calibration  
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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





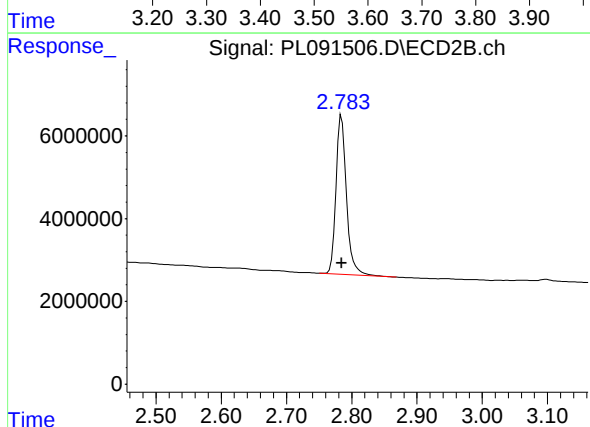
#1 Tetrachloro-m-xylene

R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 41500786  
Conc: 19.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

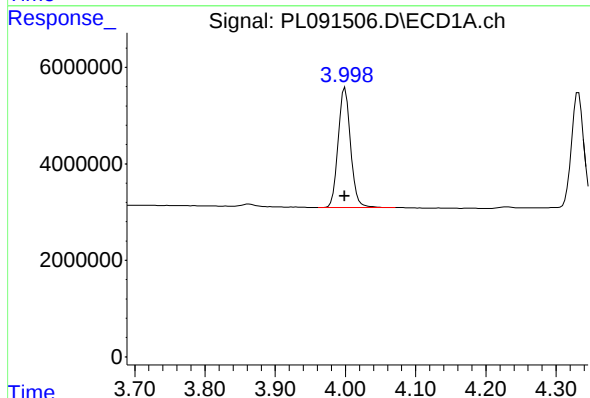
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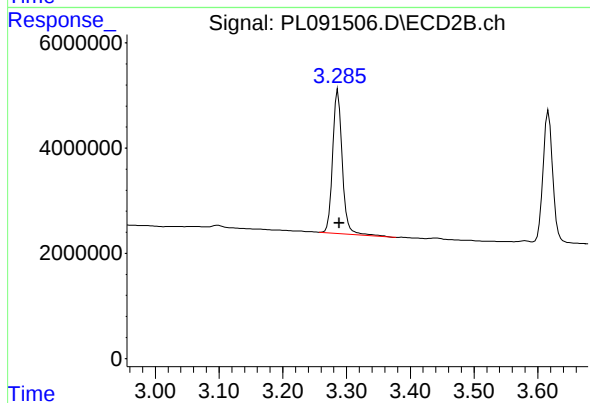
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: 0.000 min  
Response: 42750573  
Conc: 21.90 ng/ml



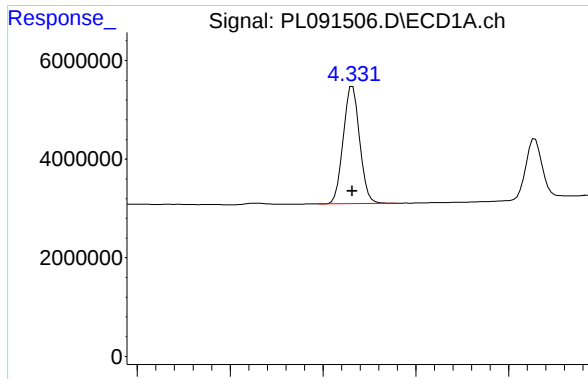
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 30481180  
Conc: 10.17 ng/ml



#2 alpha-BHC

R.T.: 3.287 min  
Delta R.T.: -0.002 min  
Response: 28824809  
Conc: 10.39 ng/ml



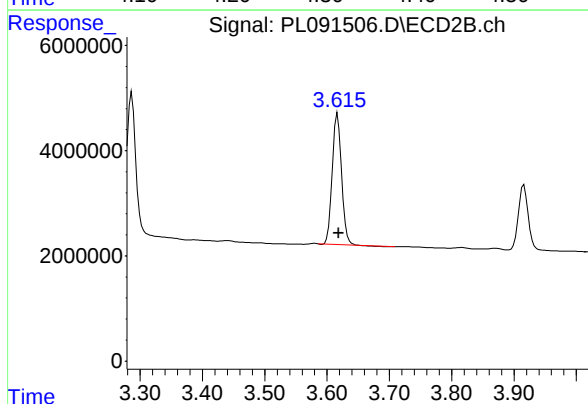
#3 gamma-BHC (Lindane)

R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: 29198649  
Conc: 10.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

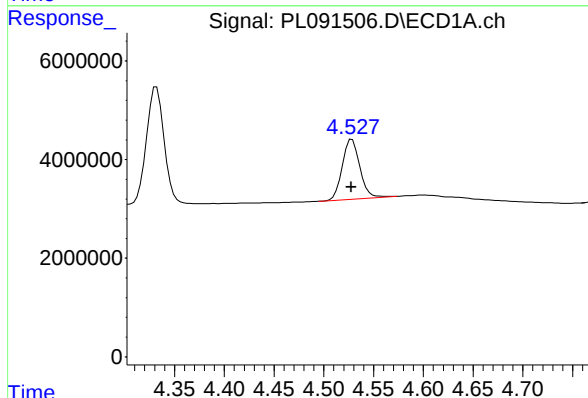
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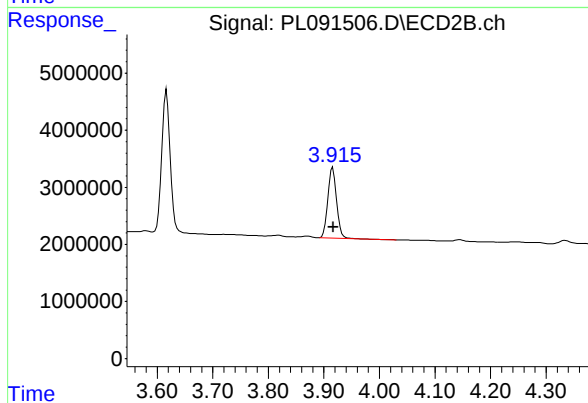
#3 gamma-BHC (Lindane)

R.T.: 3.617 min  
Delta R.T.: -0.002 min  
Response: 25676348  
Conc: 9.75 ng/ml



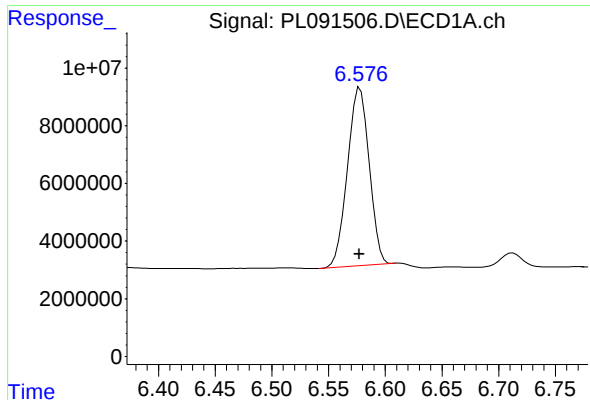
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 14904978  
Conc: 11.02 ng/ml



#6 beta-BHC

R.T.: 3.916 min  
Delta R.T.: 0.000 min  
Response: 13464652  
Conc: 11.44 ng/ml



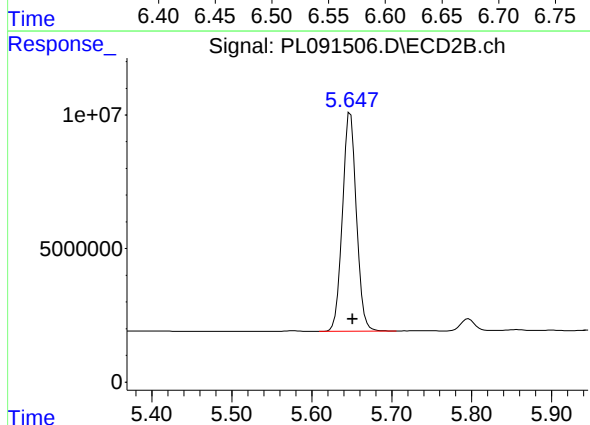
#14 Endrin

R.T.: 6.578 min  
Delta R.T.: 0.000 min  
Response: 82517991  
Conc: 42.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

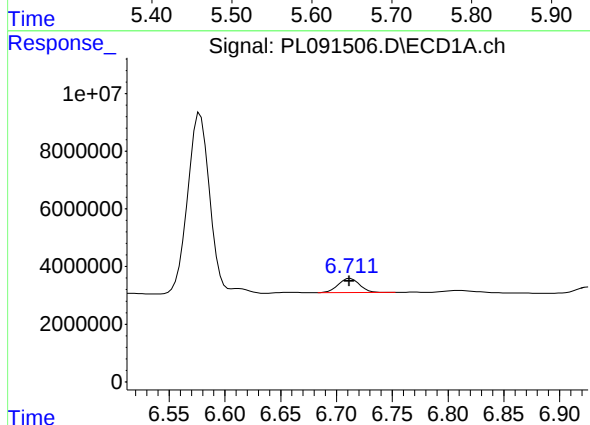
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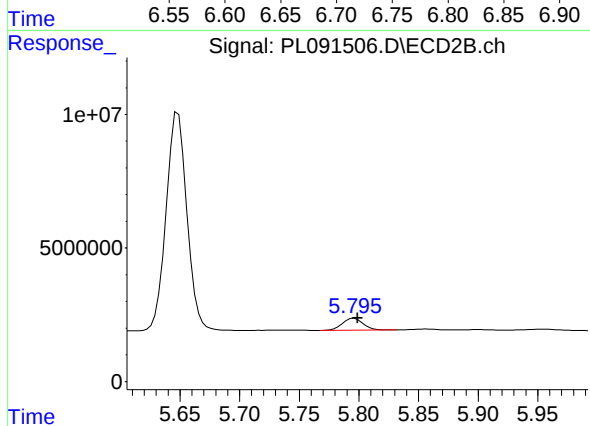
#14 Endrin

R.T.: 5.648 min  
Delta R.T.: -0.003 min  
Response: 99262240  
Conc: 48.73 ng/ml



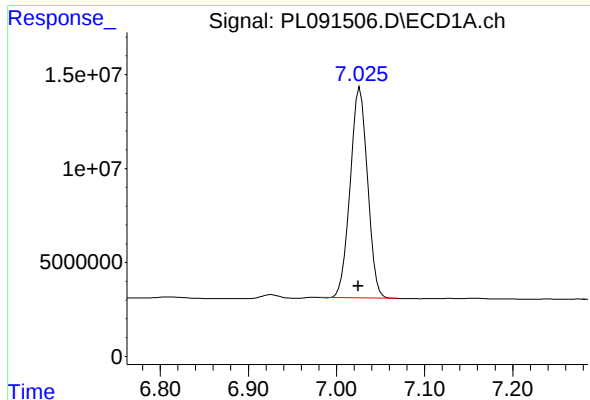
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: 0.001 min  
Response: 6568448  
Conc: 4.35 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min  
Delta R.T.: -0.003 min  
Response: 5435621  
Conc: 3.29 ng/ml



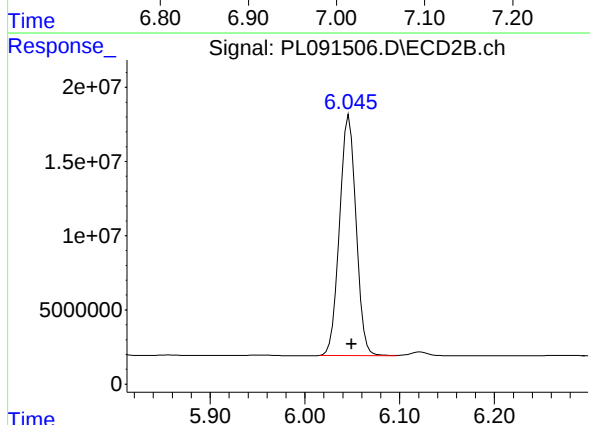
#17 4,4'-DDT

R.T.: 7.027 min  
Delta R.T.: 0.002 min  
Response: 153471646  
Conc: 86.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

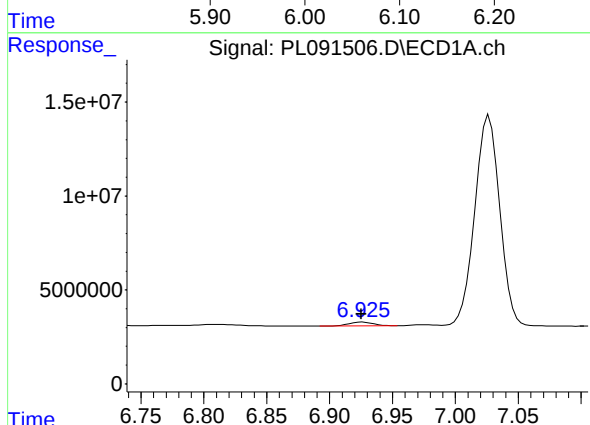
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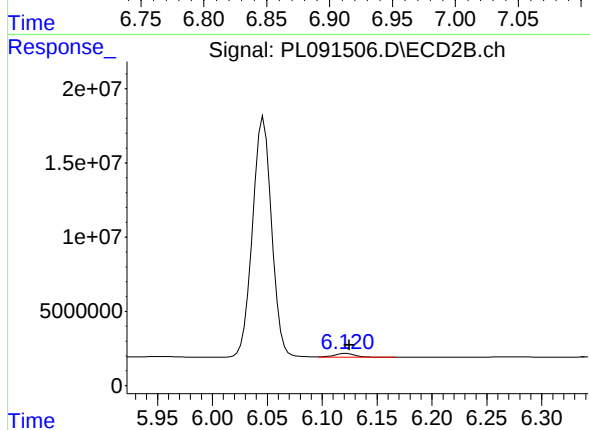
#17 4,4'-DDT

R.T.: 6.047 min  
Delta R.T.: -0.003 min  
Response: 195583082  
Conc: 110.10 ng/ml



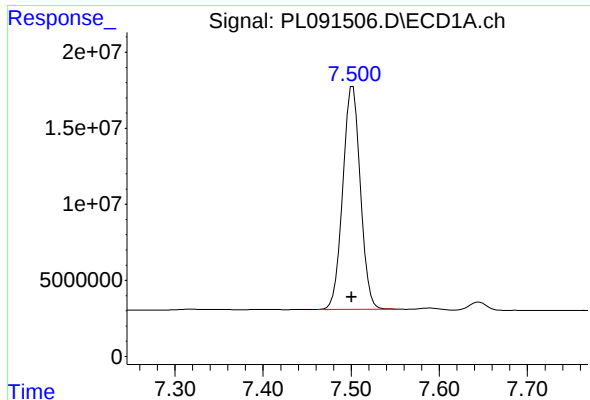
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 2660671  
Conc: 1.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min  
Delta R.T.: -0.003 min  
Response: 3184253  
Conc: 2.04 ng/ml



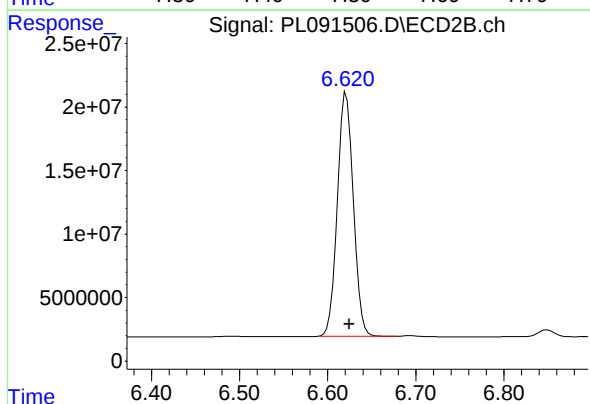
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: 0.001 min  
Response: 203398871  
Conc: 216.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

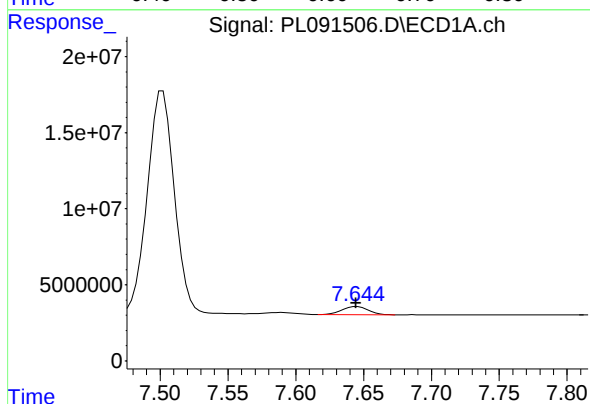
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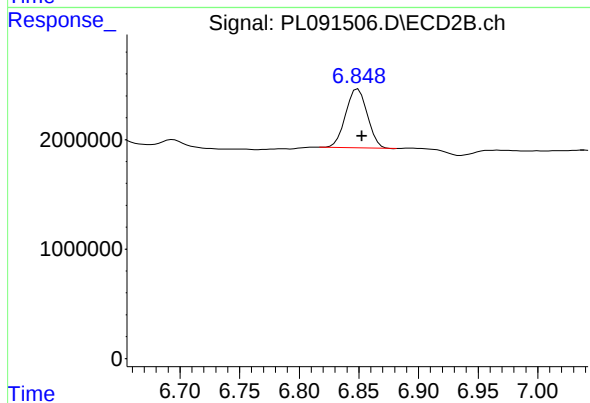
#20 Methoxychlor

R.T.: 6.621 min  
Delta R.T.: -0.003 min  
Response: 241995482  
Conc: 243.71 ng/ml



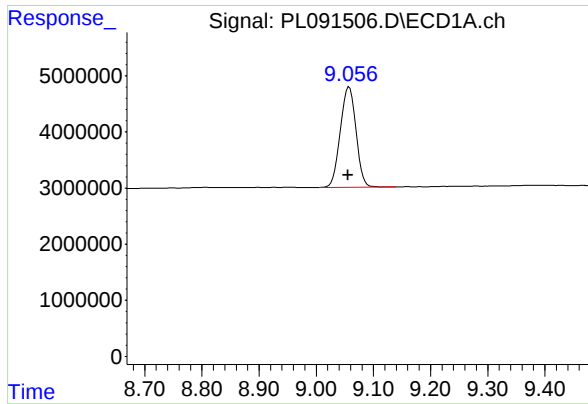
#21 Endrin ketone

R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 7224218  
Conc: 3.44 ng/ml m



#21 Endrin ketone

R.T.: 6.849 min  
Delta R.T.: -0.003 min  
Response: 6817744  
Conc: 3.13 ng/ml



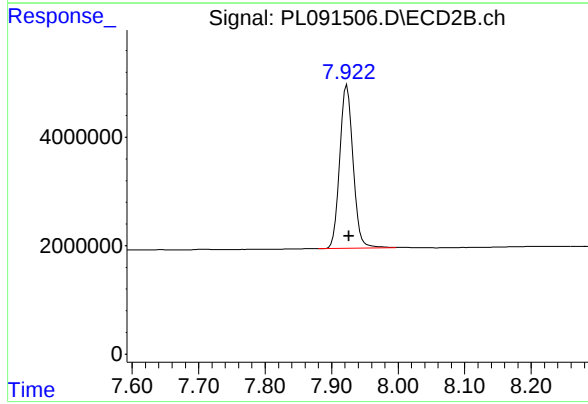
#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.002 min  
Response: 34080794  
Conc: 22.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 7.923 min  
Delta R.T.: -0.003 min  
Response: 41753253  
Conc: 22.04 ng/ml