

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021723\  
 Data File : PL080999.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Feb 2023 09:07  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 02/20/2023  
 Supervised By :Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 17 22:06:25 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 2023  
 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... | 3.353 | 2.689 | 43736522 | 42281438 | 20.392  | 19.250   |
| 28)                         | SA Decachlor... | 8.792 | 7.833 | 33299302 | 41215971 | 19.020  | 17.299   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.801 | 3.189 | 29944675 | 27844977 | 9.452   | 8.755    |
| 3)                          | MA gamma-BHC... | 4.129 | 3.517 | 29223651 | 26270230 | 9.941   | 8.794    |
| 6)                          | B beta-BHC      | 4.326 | 3.813 | 14660715 | 13676394 | 10.740  | 10.247   |
| 12)                         | B 4,4'-DDE      | 5.989 | 5.146 | 527481   | 506907   | 0.237   | 0.215    |
| 14)                         | MA Endrin       | 6.360 | 5.548 | 93275383 | 97757945 | 43.129  | 42.116   |
| 16)                         | A 4,4'-DDD      | 6.502 | 5.700 | 8462176  | 7785100  | 4.619   | 4.143    |
| 17)                         | MA 4,4'-DDT     | 6.816 | 5.952 | 176.3E6  | 188.9E6  | 84.849  | 89.876   |
| 18)                         | B Endrin al...  | 6.708 | 6.023 | 3239660  | 4745276  | 1.948   | 2.599 #  |
| 20)                         | A Methoxychlor  | 7.294 | 6.528 | 236.9E6  | 253.5E6  | 214.757 | 208.887m |
| 21)                         | B Endrin ke...  | 7.422 | 6.749 | 7488276  | 8614340  | 3.394   | 3.374    |
| -----                       |                 |       |       |          |          |         |          |

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

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Data File : PL080999.D  
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Acq On : 17 Feb 2023 09:07  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

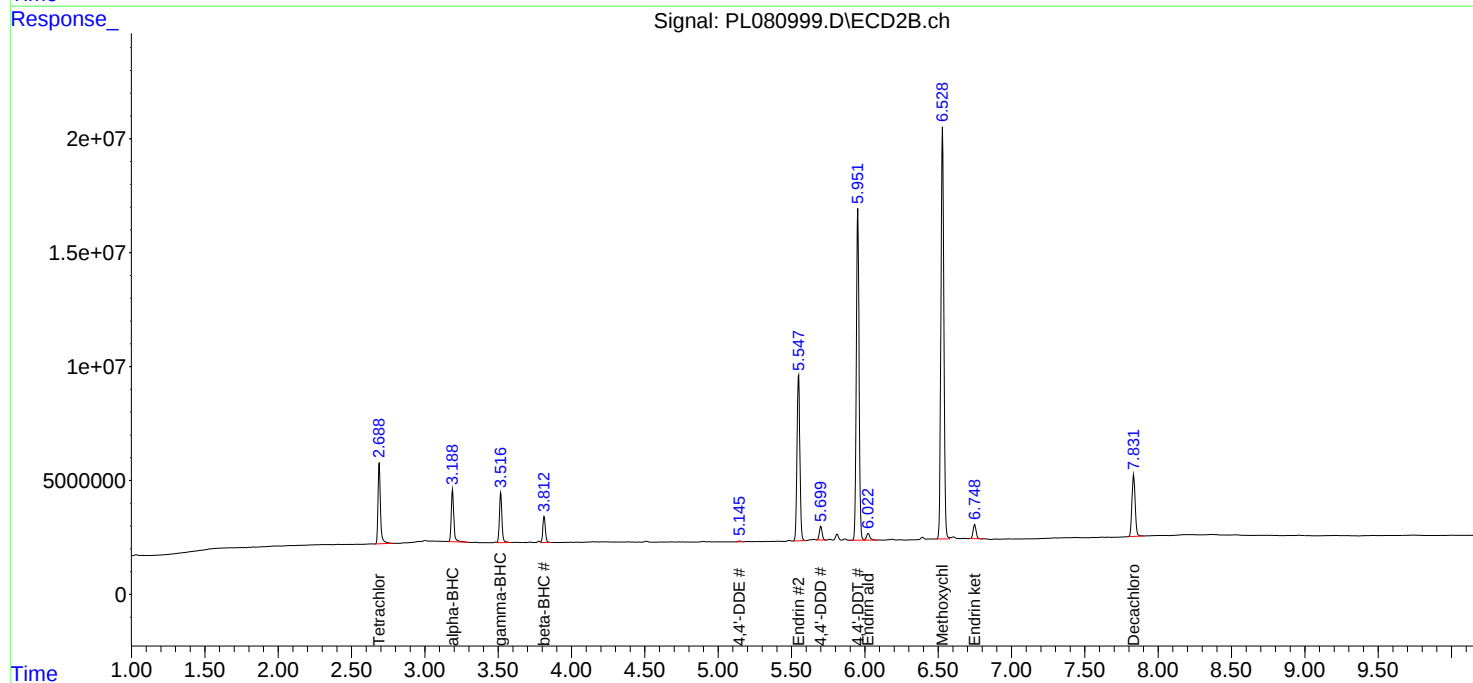
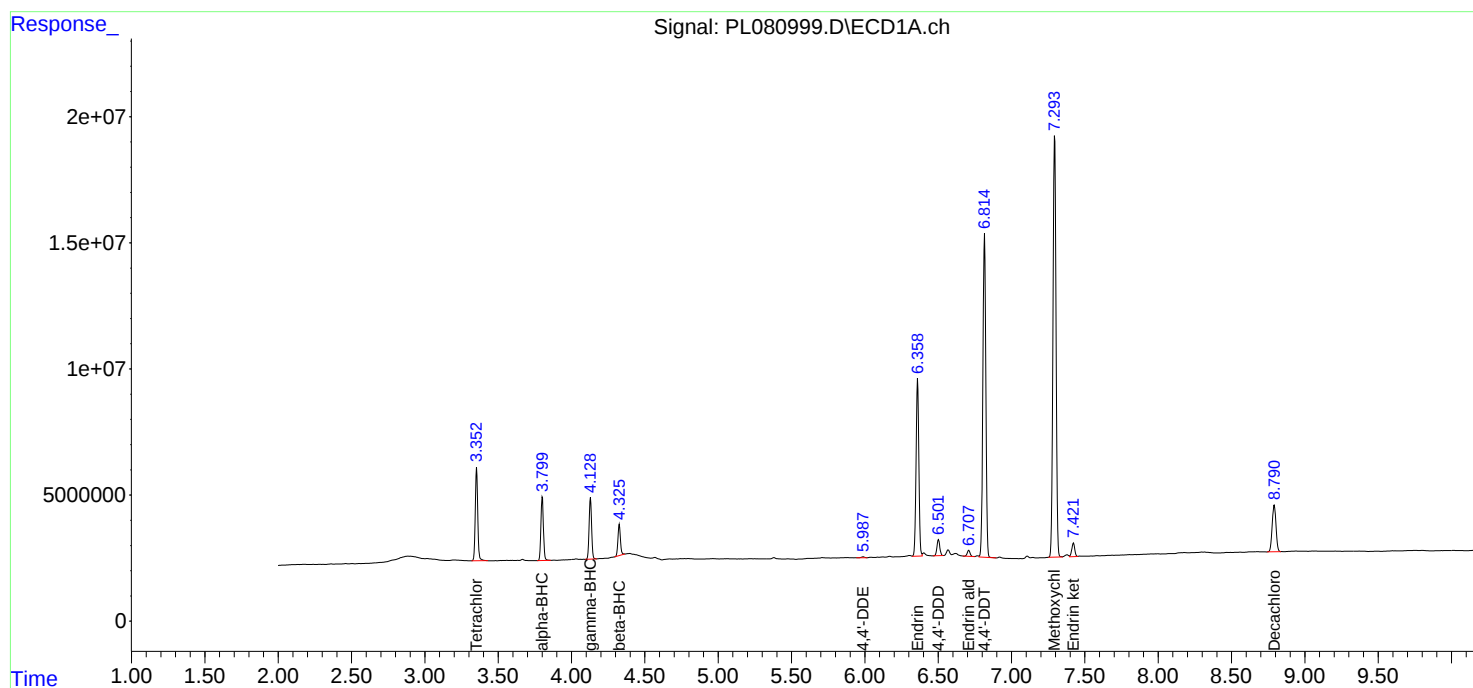
Instrument :  
ECD\_L  
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PEM

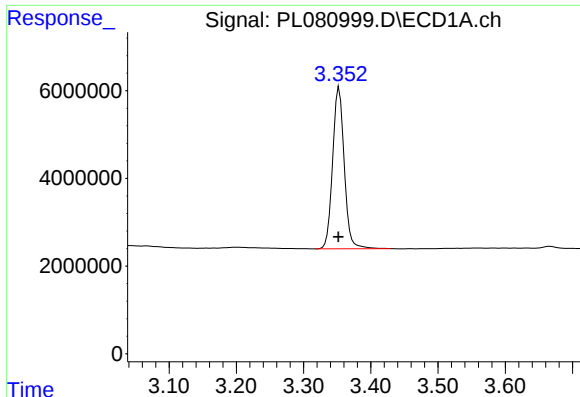
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Integration File signal 1: autoint1.e  
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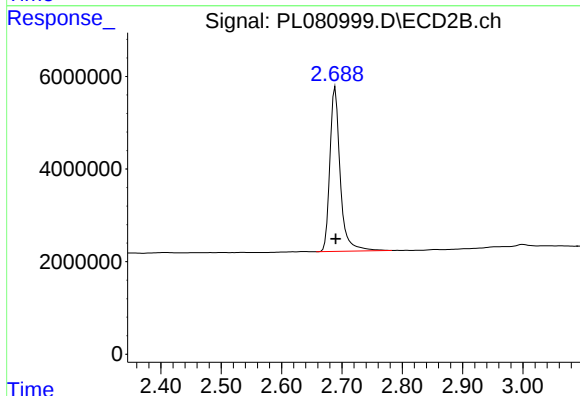
#1 Tetrachloro-m-xylene

R.T.: 3.353 min  
Delta R.T.: 0.000 min  
Response: 43736522  
Conc: 20.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

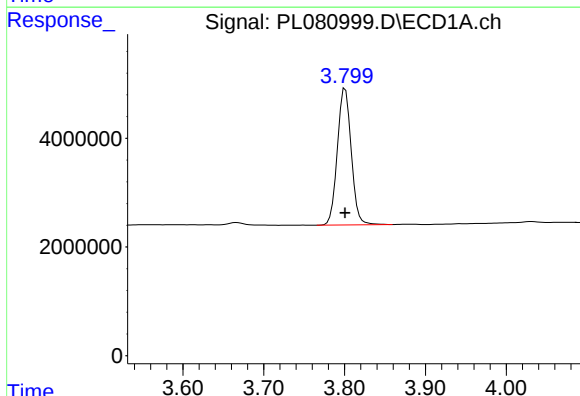
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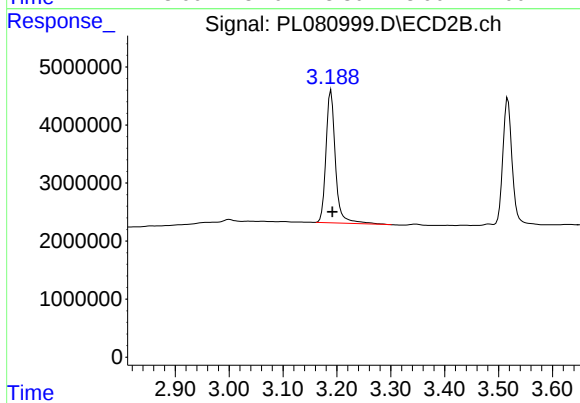
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 42281438  
Conc: 19.25 ng/ml



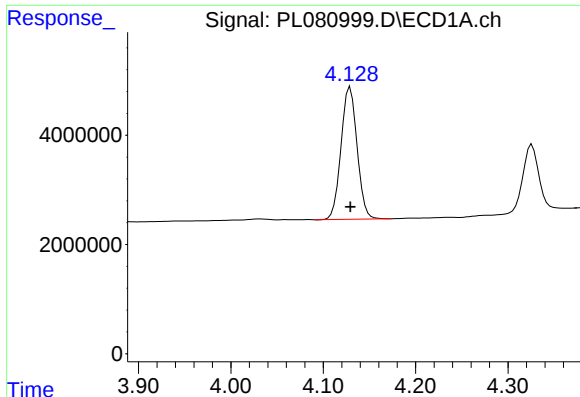
#2 alpha-BHC

R.T.: 3.801 min  
Delta R.T.: 0.000 min  
Response: 29944675  
Conc: 9.45 ng/ml



#2 alpha-BHC

R.T.: 3.189 min  
Delta R.T.: -0.002 min  
Response: 27844977  
Conc: 8.76 ng/ml



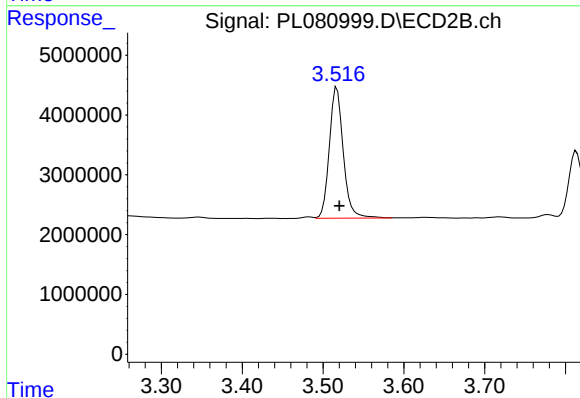
#3 gamma-BHC (Lindane)

R.T.: 4.129 min  
Delta R.T.: 0.000 min  
Response: 29223651  
Conc: 9.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

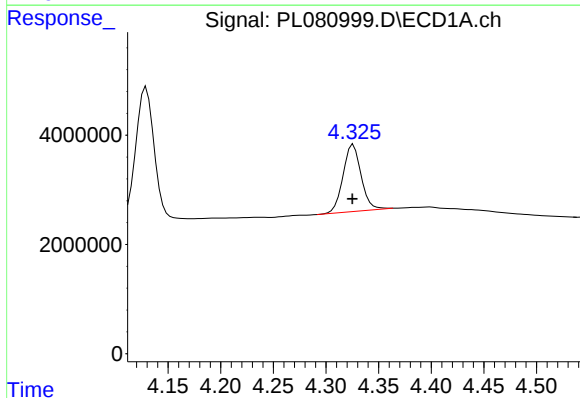
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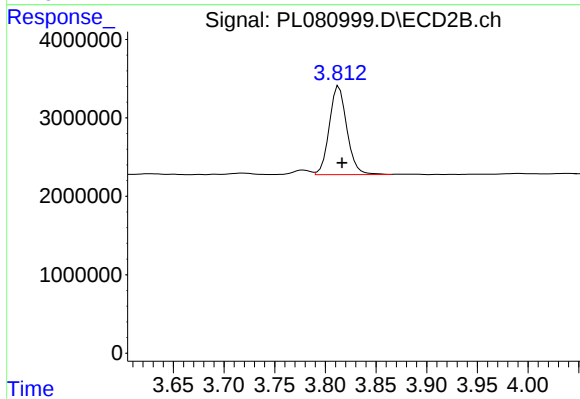
#3 gamma-BHC (Lindane)

R.T.: 3.517 min  
Delta R.T.: -0.003 min  
Response: 26270230  
Conc: 8.79 ng/ml



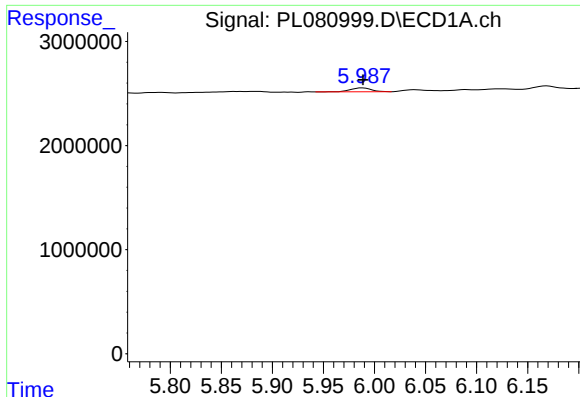
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 14660715  
Conc: 10.74 ng/ml



#6 beta-BHC

R.T.: 3.813 min  
Delta R.T.: -0.003 min  
Response: 13676394  
Conc: 10.25 ng/ml



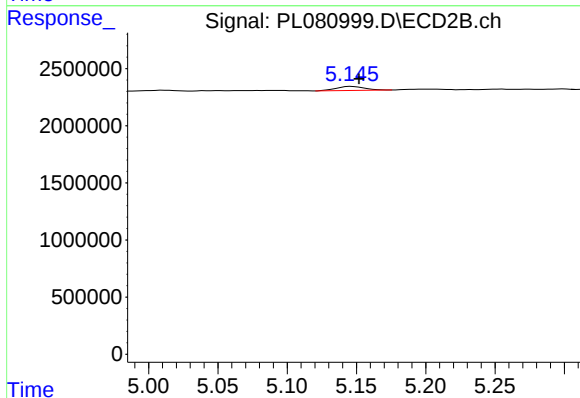
#12 4,4'-DDE

R.T.: 5.989 min  
Delta R.T.: 0.000 min  
Response: 527481  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

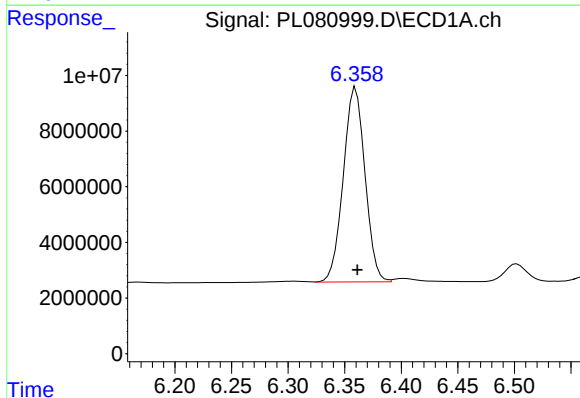
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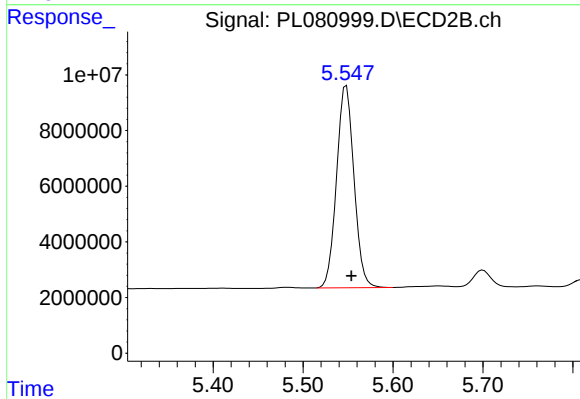
#12 4,4'-DDE

R.T.: 5.146 min  
Delta R.T.: -0.006 min  
Response: 506907  
Conc: 0.21 ng/ml



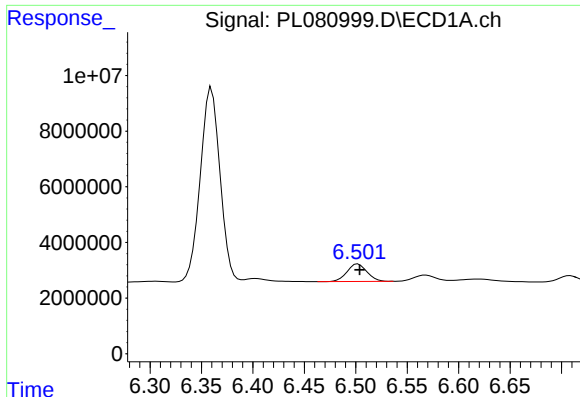
#14 Endrin

R.T.: 6.360 min  
Delta R.T.: -0.001 min  
Response: 93275383  
Conc: 43.13 ng/ml



#14 Endrin

R.T.: 5.548 min  
Delta R.T.: -0.005 min  
Response: 97757945  
Conc: 42.12 ng/ml



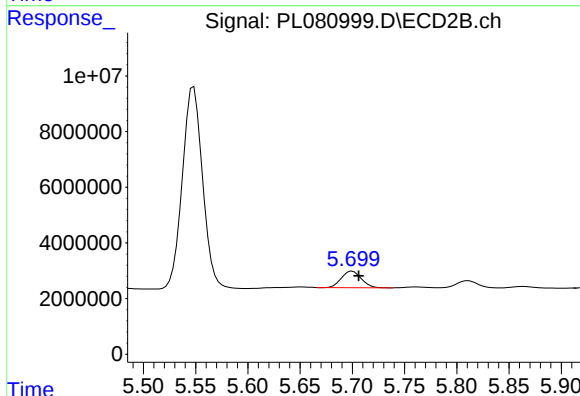
#16 4,4'-DDD

R.T.: 6.502 min  
Delta R.T.: -0.002 min  
Response: 8462176  
Conc: 4.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

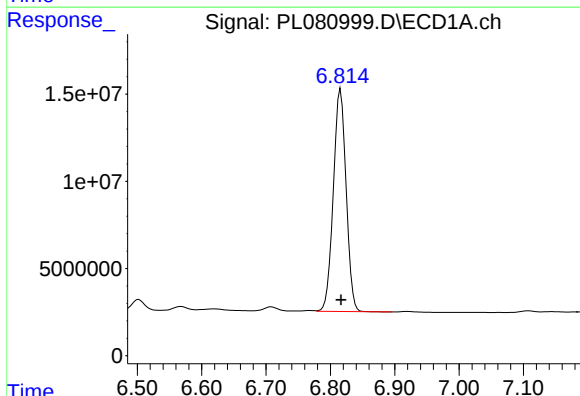
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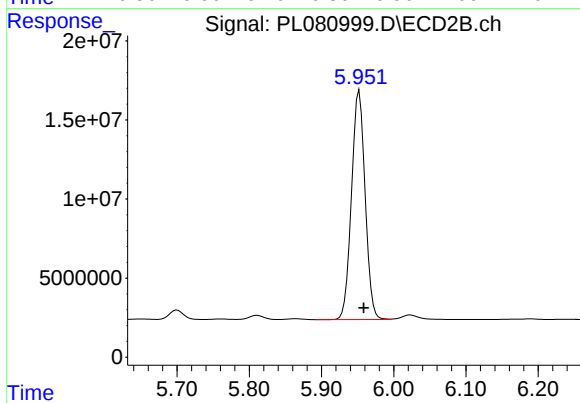
#16 4,4'-DDD

R.T.: 5.700 min  
Delta R.T.: -0.006 min  
Response: 7785100  
Conc: 4.14 ng/ml



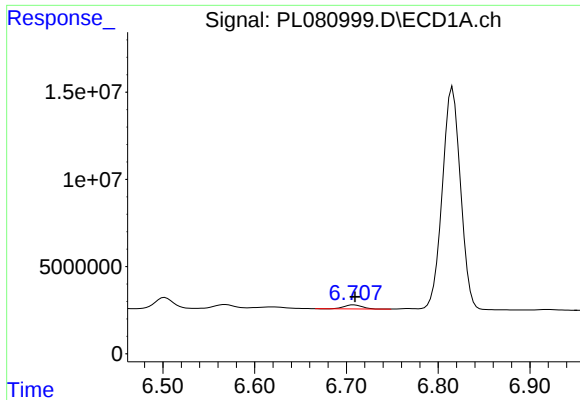
#17 4,4'-DDT

R.T.: 6.816 min  
Delta R.T.: 0.000 min  
Response: 176288380  
Conc: 84.85 ng/ml



#17 4,4'-DDT

R.T.: 5.952 min  
Delta R.T.: -0.006 min  
Response: 188873290  
Conc: 89.88 ng/ml



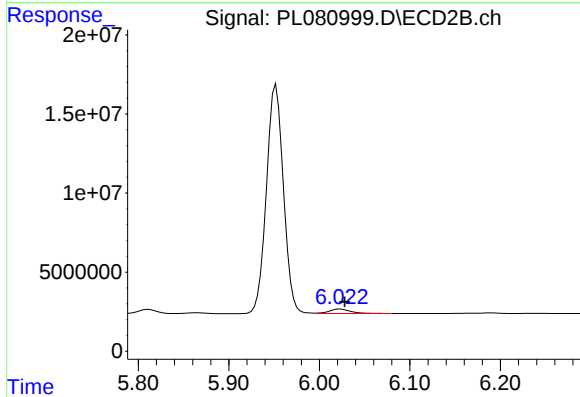
#18 Endrin aldehyde

R.T.: 6.708 min  
Delta R.T.: 0.000 min  
Response: 3239660  
Conc: 1.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

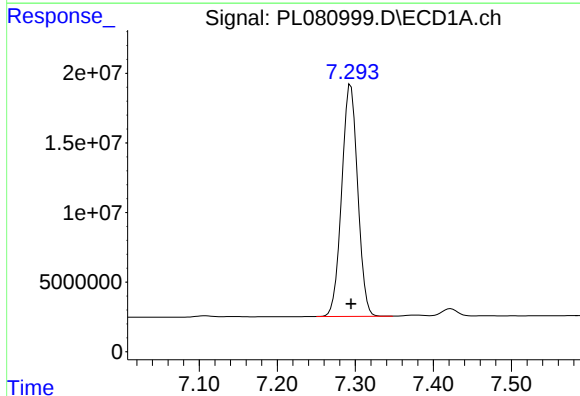
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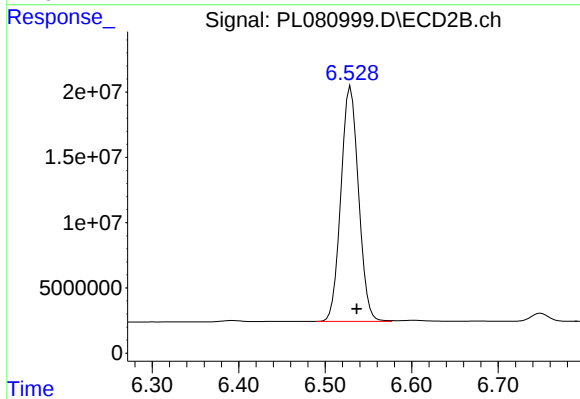
#18 Endrin aldehyde

R.T.: 6.023 min  
Delta R.T.: -0.005 min  
Response: 4745276  
Conc: 2.60 ng/ml



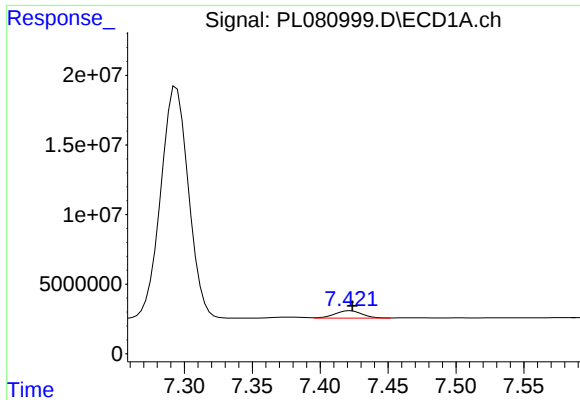
#20 Methoxychlor

R.T.: 7.294 min  
Delta R.T.: 0.000 min  
Response: 236938731  
Conc: 214.76 ng/ml



#20 Methoxychlor

R.T.: 6.528 min  
Delta R.T.: -0.008 min  
Response: 253476905  
Conc: 208.89 ng/ml m



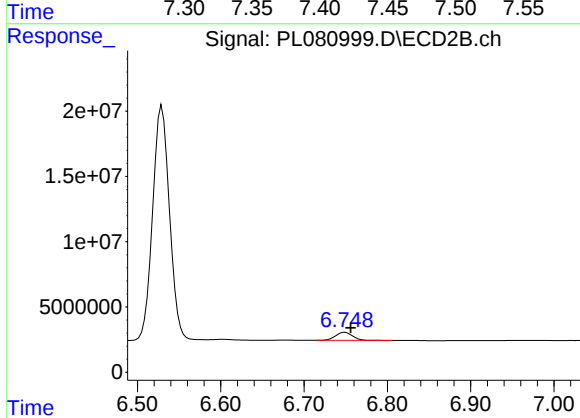
#21 Endrin ketone

R.T.: 7.422 min  
Delta R.T.: -0.002 min  
Response: 7488276  
Conc: 3.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

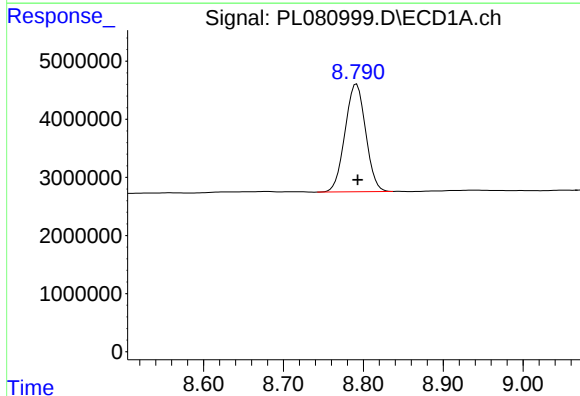
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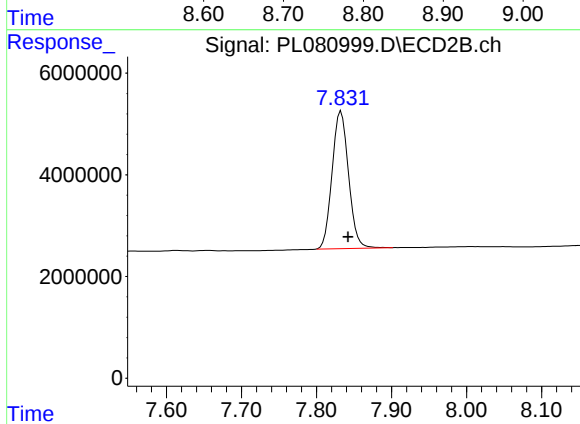
#21 Endrin ketone

R.T.: 6.749 min  
Delta R.T.: -0.007 min  
Response: 8614340  
Conc: 3.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.792 min  
Delta R.T.: -0.002 min  
Response: 33299302  
Conc: 19.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.833 min  
Delta R.T.: -0.009 min  
Response: 41215971  
Conc: 17.30 ng/ml