

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042219\  
 Data File : PD052991.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 22 Apr 2019 8:34  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 03:26:47 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 29 13:06:45 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.220 | 4.041 | 31768254 | 665.4E6  | 22.766  | 22.958  |
| 28)                         | SA Decachlor... | 7.815 | 9.159 | 29554293 | 372.8E6  | 22.175  | 23.975  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.639 | 4.432 | 22308432 | 514.4E6  | 9.814   | 11.428m |
| 3)                          | MA gamma-BHC... | 3.907 | 4.719 | 21715351 | 462.6E6  | 9.931   | 11.499m |
| 6)                          | B beta-BHC      | 4.154 | 4.890 | 10198498 | 210.4E6  | 11.555  | 11.628m |
| 12)                         | B 4,4'-DDE      | 5.284 | 6.393 | 292169   | 9683875  | 0.157m  | 0.317 # |
| 14)                         | MA Endrin       | 5.647 | 6.766 | 89307932 | 1165.3E6 | 48.502  | 46.502  |
| 16)                         | A 4,4'-DDD      | 5.791 | 6.890 | 2329409  | 50027591 | 1.524   | 2.092m# |
| 17)                         | MA 4,4'-DDT     | 6.018 | 7.188 | 160.8E6  | 1935.2E6 | 111.788 | 103.852 |
| 18)                         | B Endrin al...  | 6.083 | 7.100 | 2721146  | 37321691 | 1.898   | 1.813   |
| 20)                         | A Methoxychlor  | 6.563 | 7.647 | 214.9E6  | 2373.1E6 | 254.354 | 237.232 |
| 21)                         | B Endrin ke...  | 6.765 | 7.798 | 6095763  | 54759103 | 3.352   | 2.673   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042219\  
Data File : PD052991.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 22 Apr 2019 8:34  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

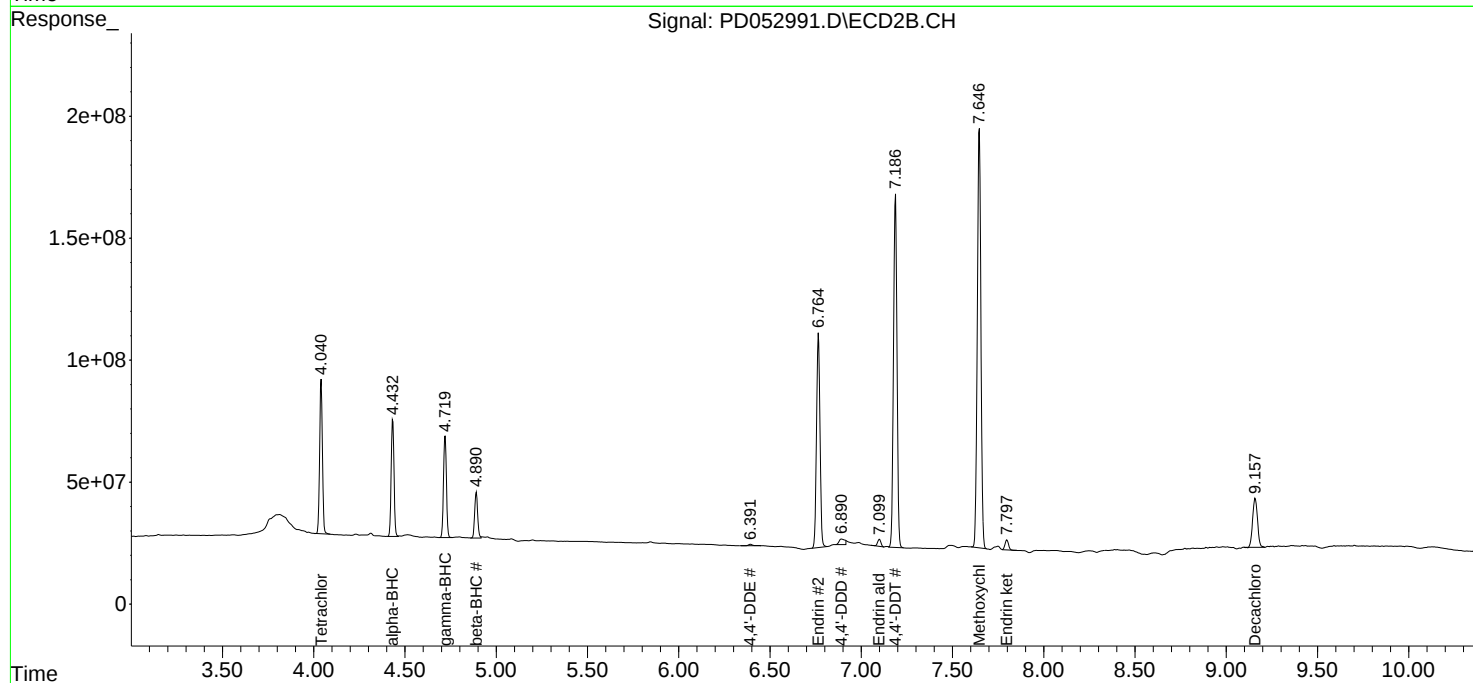
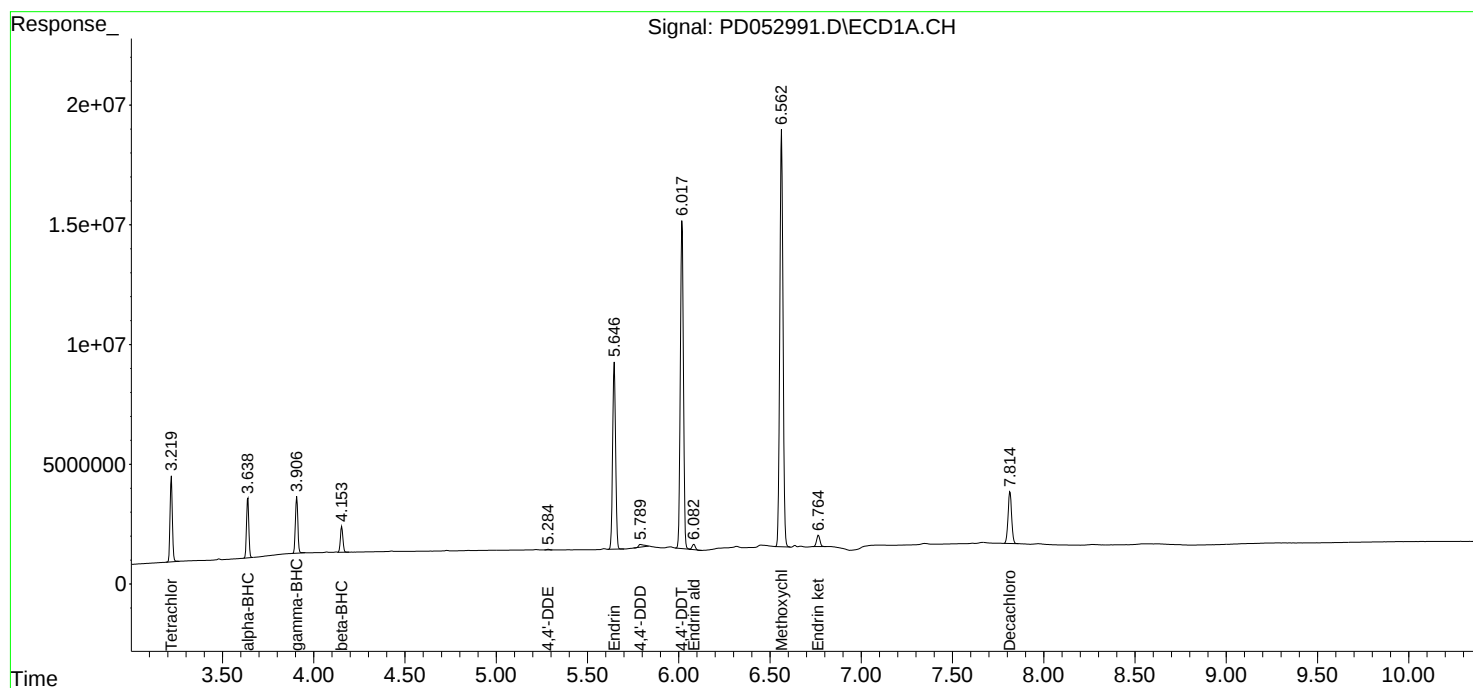
Instrument :  
ECD\_D  
ClientSampled :  
PEM

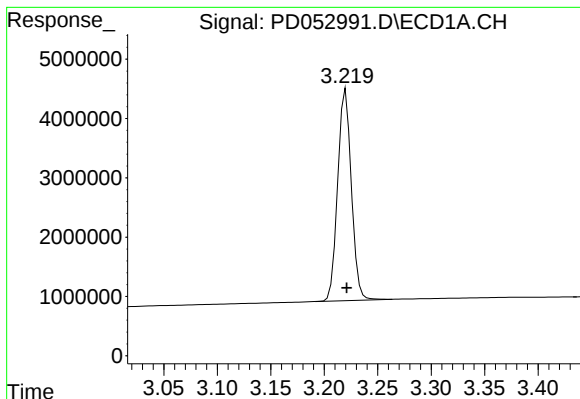
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 03:26:47 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032919.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 29 13:06:45 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm





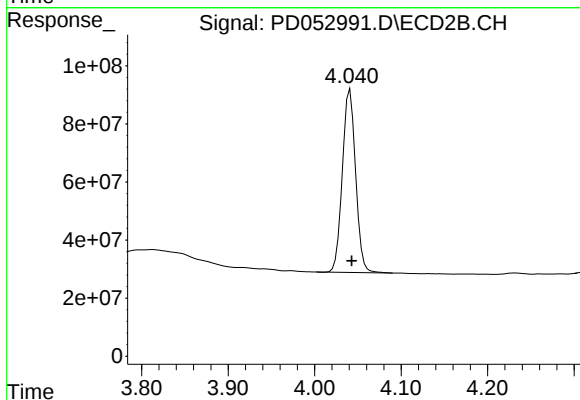
#1 Tetrachloro-m-xylene

R.T.: 3.220 min  
Delta R.T.: 0.000 min  
Response: 31768254  
Conc: 22.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

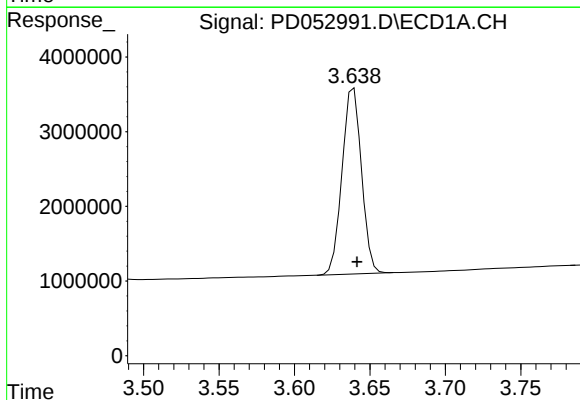
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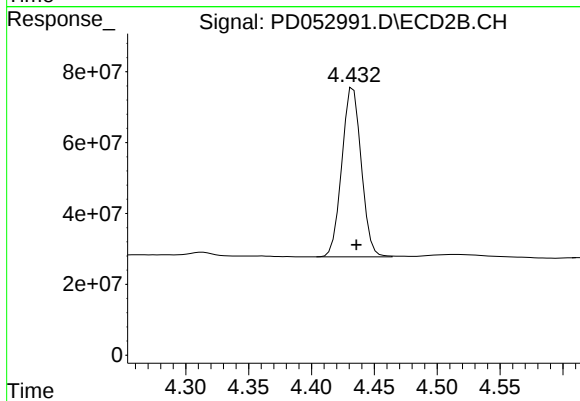
#1 Tetrachloro-m-xylene

R.T.: 4.041 min  
Delta R.T.: -0.002 min  
Response: 665423143  
Conc: 22.96 ng/ml



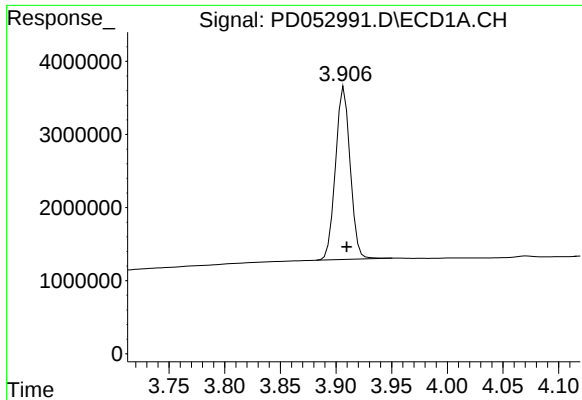
#2 alpha-BHC

R.T.: 3.639 min  
Delta R.T.: -0.002 min  
Response: 22308432  
Conc: 9.81 ng/ml



#2 alpha-BHC

R.T.: 4.432 min  
Delta R.T.: -0.004 min  
Response: 514394887  
Conc: 11.43 ng/ml m



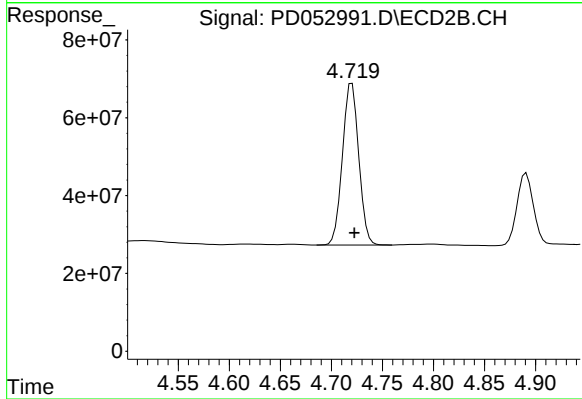
#3 gamma-BHC (Lindane)

R.T.: 3.907 min  
Delta R.T.: -0.002 min  
Response: 21715351  
Conc: 9.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

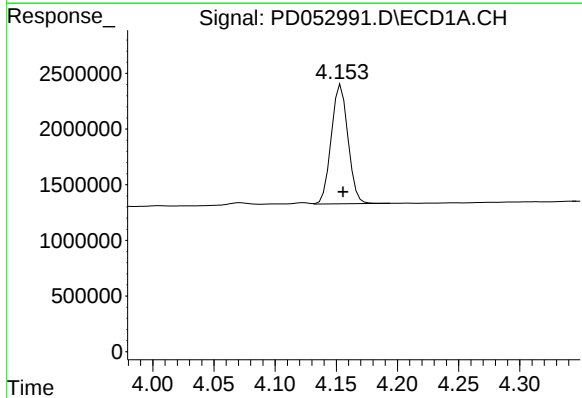
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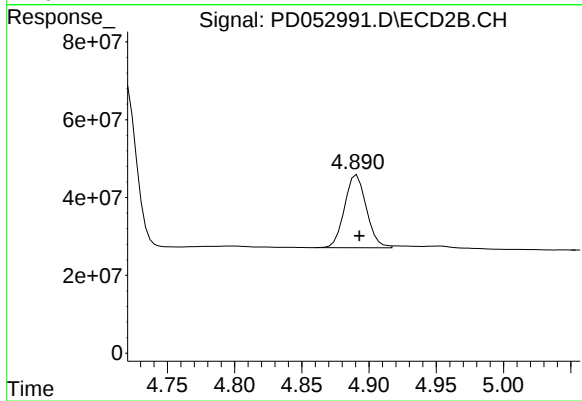
#3 gamma-BHC (Lindane)

R.T.: 4.719 min  
Delta R.T.: -0.004 min  
Response: 462579247  
Conc: 11.50 ng/ml m



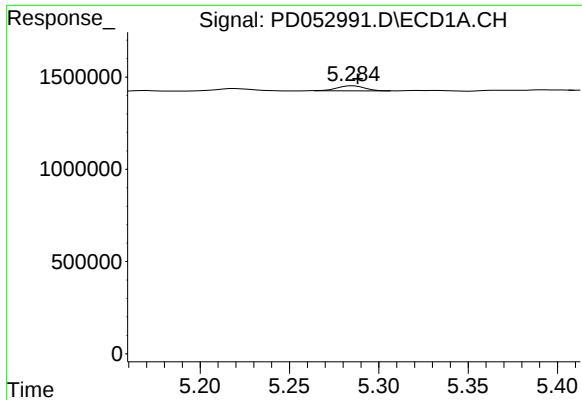
#6 beta-BHC

R.T.: 4.154 min  
Delta R.T.: -0.001 min  
Response: 10198498  
Conc: 11.55 ng/ml



#6 beta-BHC

R.T.: 4.890 min  
Delta R.T.: -0.003 min  
Response: 210411912  
Conc: 11.63 ng/ml m



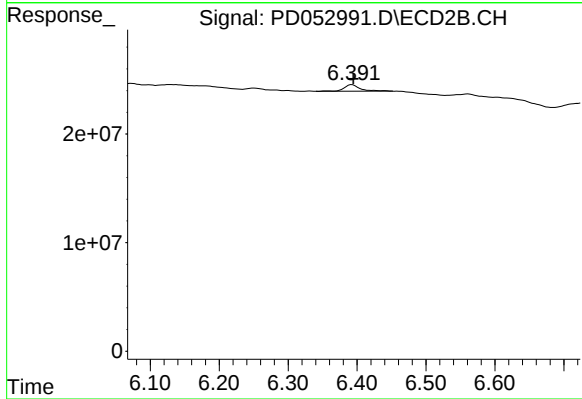
#12 4,4'-DDE

R.T.: 5.284 min  
Delta R.T.: -0.004 min  
Response: 292169  
Conc: 0.16 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

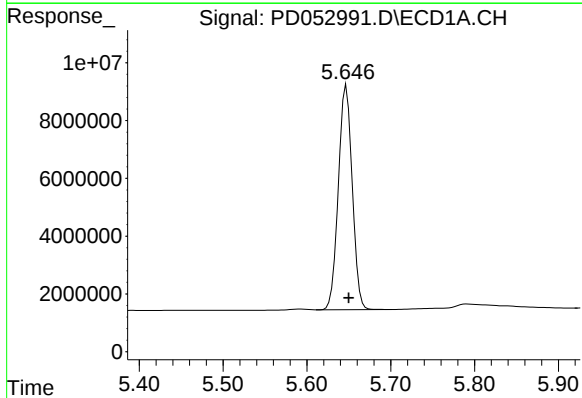
Manual Integrations  
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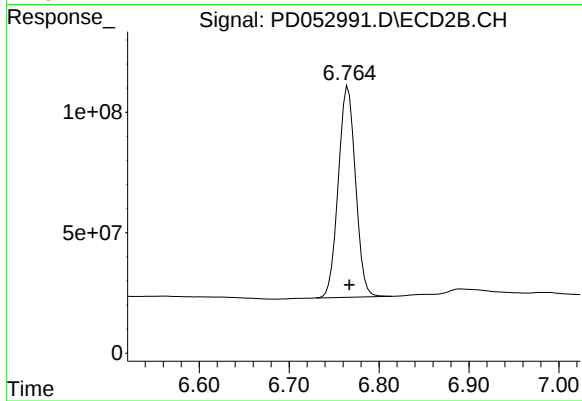
#12 4,4'-DDE

R.T.: 6.393 min  
Delta R.T.: -0.002 min  
Response: 9683875  
Conc: 0.32 ng/ml



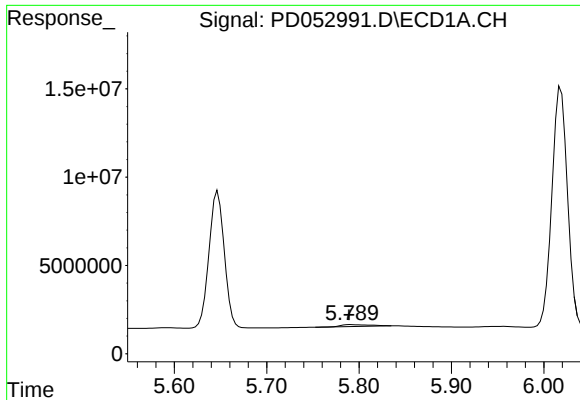
#14 Endrin

R.T.: 5.647 min  
Delta R.T.: -0.003 min  
Response: 89307932  
Conc: 48.50 ng/ml



#14 Endrin

R.T.: 6.766 min  
Delta R.T.: -0.002 min  
Response: 1165257948  
Conc: 46.50 ng/ml



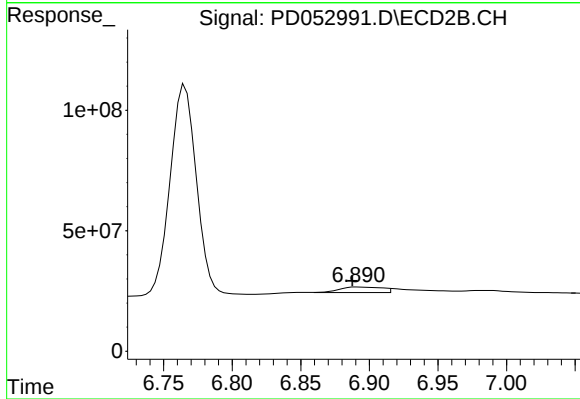
#16 4,4'-DDD

R.T.: 5.791 min  
Delta R.T.: 0.002 min  
Response: 2329409  
Conc: 1.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

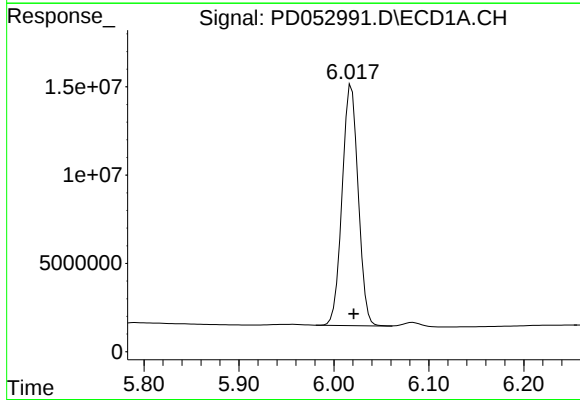
Manual Integrations  
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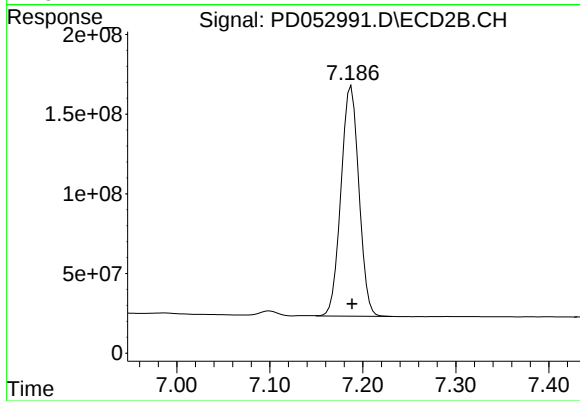
#16 4,4'-DDD

R.T.: 6.890 min  
Delta R.T.: 0.002 min  
Response: 50027591  
Conc: 2.09 ng/ml m



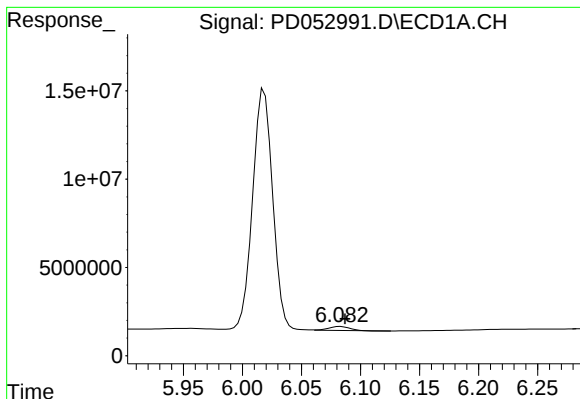
#17 4,4'-DDT

R.T.: 6.018 min  
Delta R.T.: -0.003 min  
Response: 160816542  
Conc: 111.79 ng/ml



#17 4,4'-DDT

R.T.: 7.188 min  
Delta R.T.: 0.000 min  
Response: 1935191092  
Conc: 103.85 ng/ml



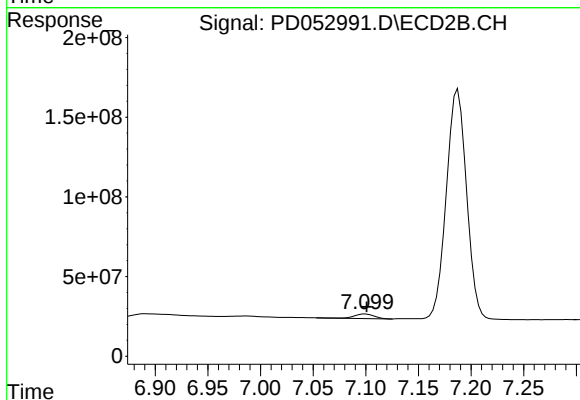
#18 Endrin aldehyde

R.T.: 6.083 min  
Delta R.T.: -0.004 min  
Response: 2721146  
Conc: 1.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

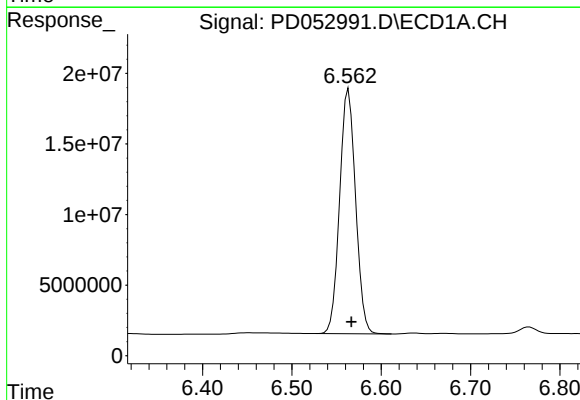
Manual Integrations  
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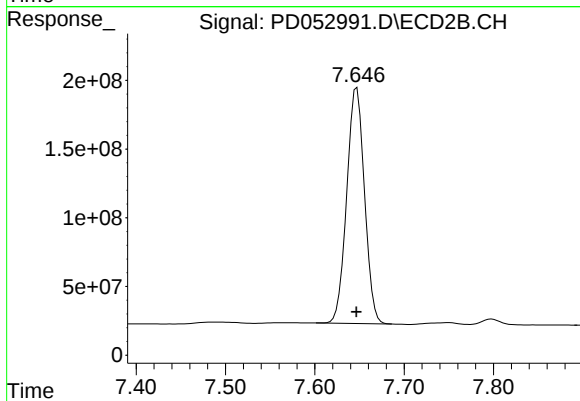
#18 Endrin aldehyde

R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 37321691  
Conc: 1.81 ng/ml



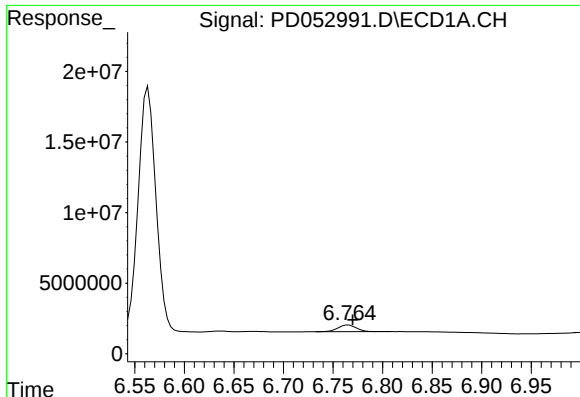
#20 Methoxychlor

R.T.: 6.563 min  
Delta R.T.: -0.003 min  
Response: 214883867  
Conc: 254.35 ng/ml



#20 Methoxychlor

R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 2373092065  
Conc: 237.23 ng/ml



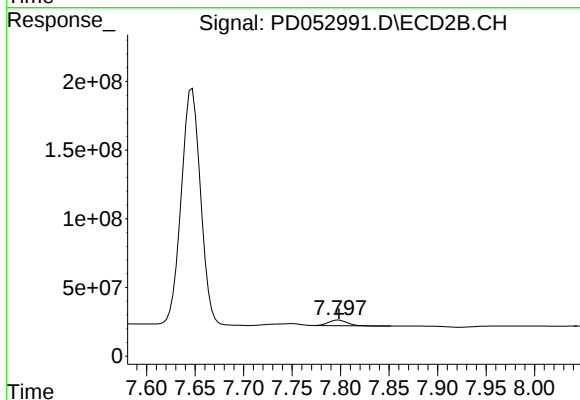
#21 Endrin ketone

R.T.: 6.765 min  
Delta R.T.: -0.004 min  
Response: 6095763  
Conc: 3.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

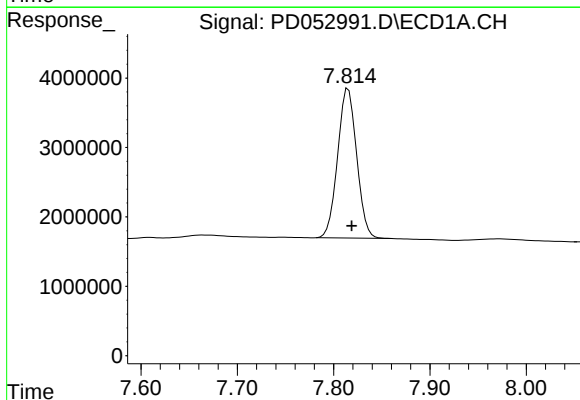
Manual Integrations  
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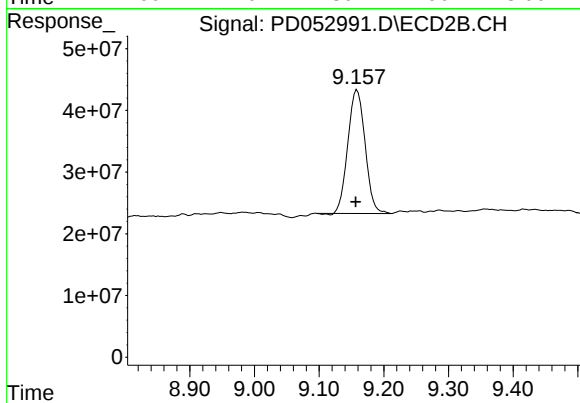
#21 Endrin ketone

R.T.: 7.798 min  
Delta R.T.: 0.000 min  
Response: 54759103  
Conc: 2.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.815 min  
Delta R.T.: -0.003 min  
Response: 29554293  
Conc: 22.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.159 min  
Delta R.T.: 0.002 min  
Response: 372848293  
Conc: 23.98 ng/ml