

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120418\  
 Data File : PL042793.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Dec 2018 21:57  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

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 12/5/2018 4:43:50 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 05 00:11:11 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.467 | 4.102 | 110.7E6  | 59613336 | 18.818  | 20.727  |
| 28)                         | SA Decachlor... | 8.204 | 9.232 | 117.7E6  | 50107279 | 18.681  | 20.775  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.906 | 4.497 | 77595520 | 42868700 | 8.599   | 10.010  |
| 3)                          | MA gamma-BHC... | 4.189 | 4.786 | 71173783 | 41029874 | 8.636   | 10.383  |
| 6)                          | B beta-BHC      | 4.443 | 4.955 | 34756164 | 15588276 | 9.810   | 9.880   |
| 12)                         | B 4,4'-DDE      | 5.621 | 6.460 | 1903918  | 1115919  | 0.291m  | 0.335m  |
| 14)                         | MA Endrin       | 6.011 | 6.836 | 277.5E6  | 126.0E6  | 42.432  | 45.750  |
| 16)                         | A 4,4'-DDD      | 6.139 | 6.953 | 23317707 | 13899630 | 4.404   | 5.281   |
| 17)                         | MA 4,4'-DDT     | 6.377 | 7.253 | 506.9E6  | 249.1E6  | 91.065  | 94.345  |
| 18)                         | B Endrin al...  | 6.453 | 7.169 | 12053572 | 5589657  | 2.319   | 2.438   |
| 20)                         | A Methoxychlor  | 6.924 | 7.709 | 653.6E6  | 297.8E6  | 207.230 | 218.415 |
| 21)                         | B Endrin ke...  | 7.155 | 7.867 | 27850885 | 11444799 | 4.022   | 4.141   |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 04 Dec 2018 21:57  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

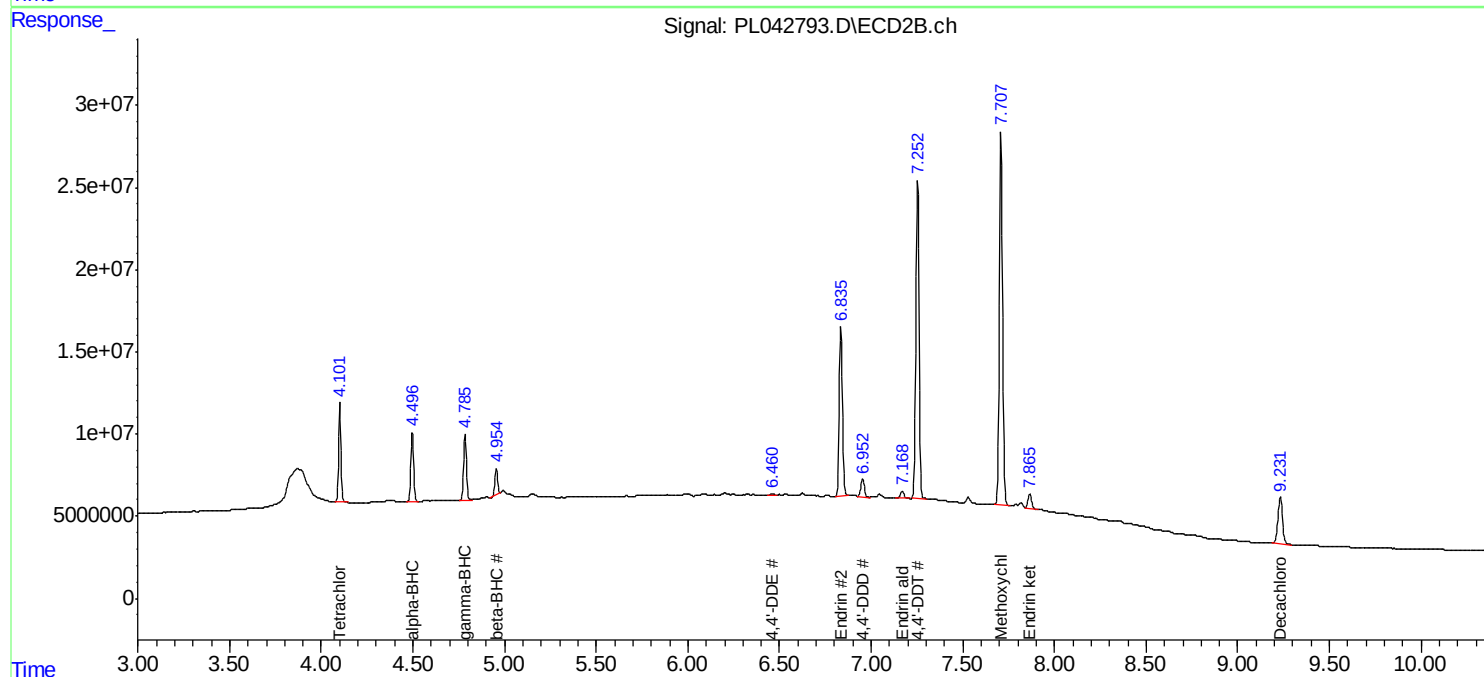
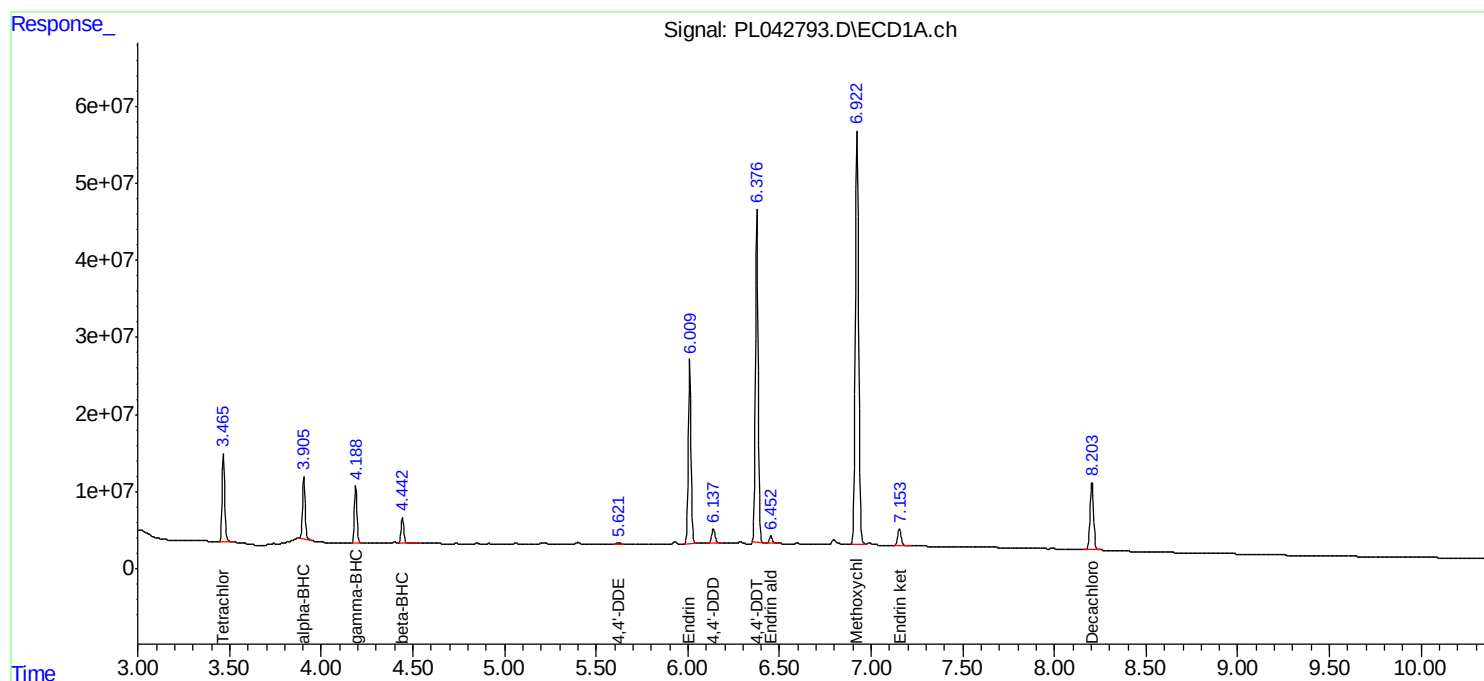
Instrument :  
ECD\_L  
ClientSampled :  
PEM

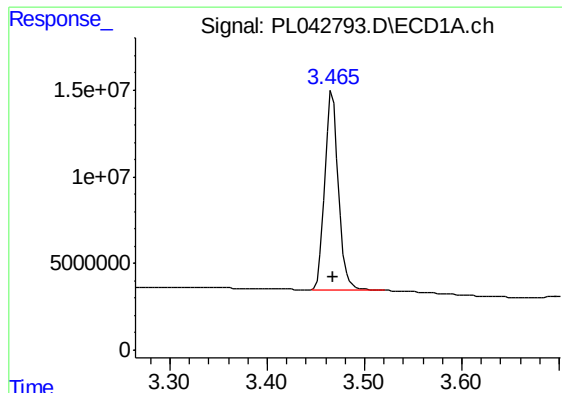
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 05 00:11:11 2018  
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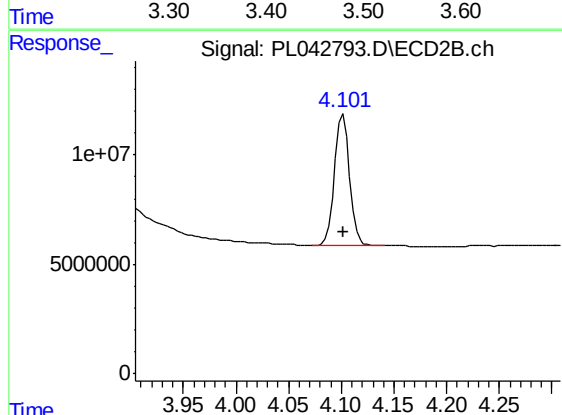
#1 Tetrachloro-m-xylene

R.T.: 3.467 min  
Delta R.T.: -0.001 min  
Response: 110713273  
Conc: 18.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

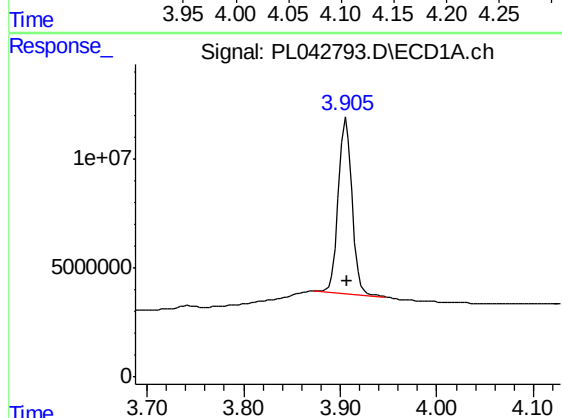
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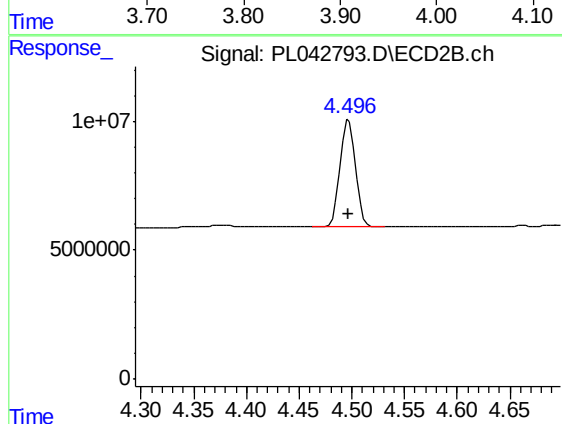
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.000 min  
Response: 59613336  
Conc: 20.73 ng/ml



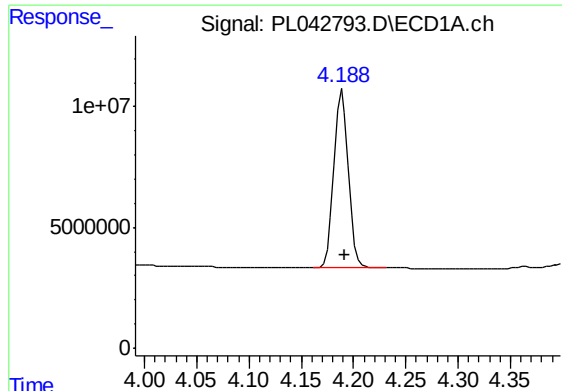
#2 alpha-BHC

R.T.: 3.906 min  
Delta R.T.: -0.002 min  
Response: 77595520  
Conc: 8.60 ng/ml



#2 alpha-BHC

R.T.: 4.497 min  
Delta R.T.: 0.000 min  
Response: 42868700  
Conc: 10.01 ng/ml



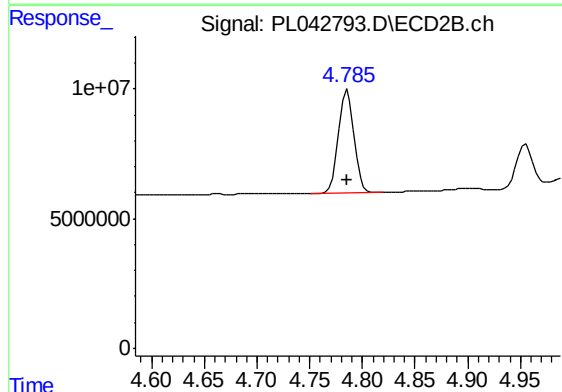
#3 gamma-BHC (Lindane)

R.T.: 4.189 min  
Delta R.T.: -0.002 min  
Response: 71173783  
Conc: 8.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

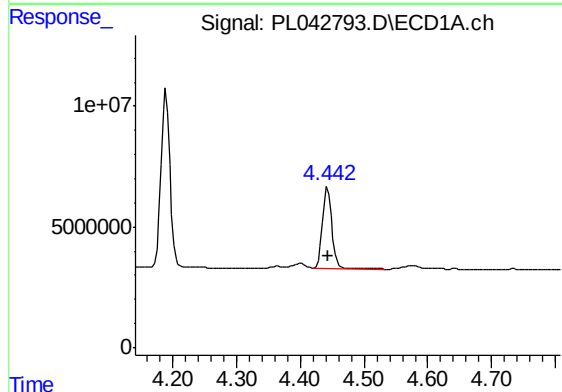
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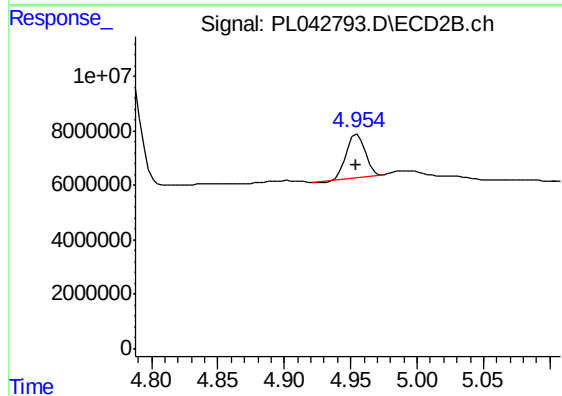
#3 gamma-BHC (Lindane)

R.T.: 4.786 min  
Delta R.T.: 0.000 min  
Response: 41029874  
Conc: 10.38 ng/ml



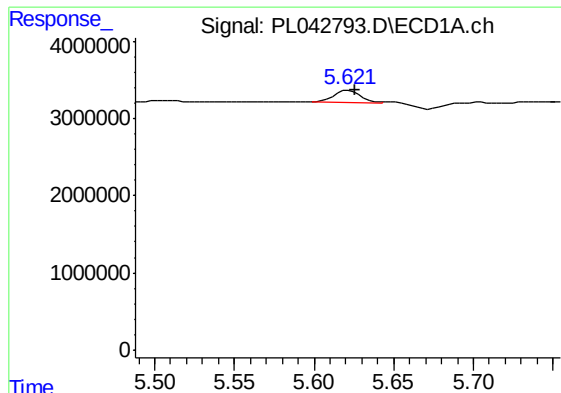
#6 beta-BHC

R.T.: 4.443 min  
Delta R.T.: -0.001 min  
Response: 34756164  
Conc: 9.81 ng/ml



#6 beta-BHC

R.T.: 4.955 min  
Delta R.T.: 0.001 min  
Response: 15588276  
Conc: 9.88 ng/ml



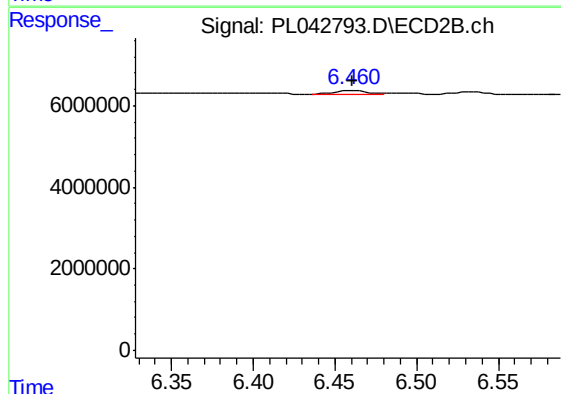
#12 4,4'-DDE

R.T.: 5.621 min  
Delta R.T.: -0.005 min  
Response: 1903918  
Conc: 0.29 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

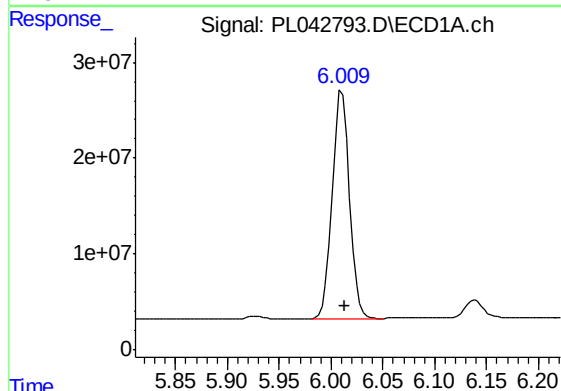
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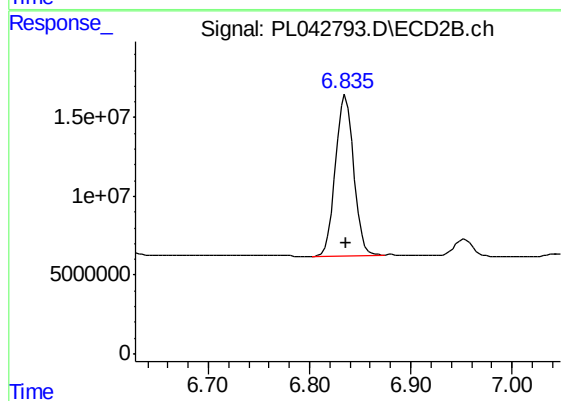
#12 4,4'-DDE

R.T.: 6.460 min  
Delta R.T.: 0.000 min  
Response: 1115919  
Conc: 0.34 ng/ml m



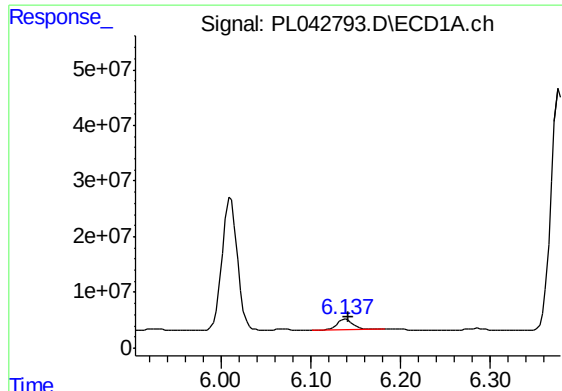
#14 Endrin

R.T.: 6.011 min  
Delta R.T.: -0.002 min  
Response: 277522029  
Conc: 42.43 ng/ml



#14 Endrin

R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 126019351  
Conc: 45.75 ng/ml



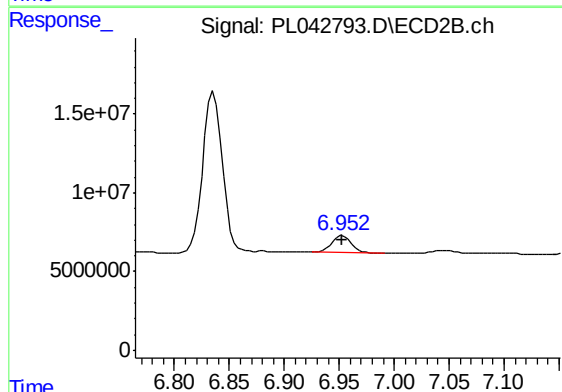
#16 4,4'-DDD

R.T.: 6.139 min  
Delta R.T.: -0.003 min  
Response: 23317707  
Conc: 4.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

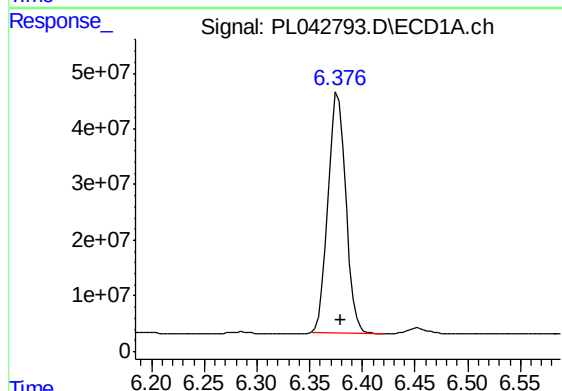
Manual Integrations  
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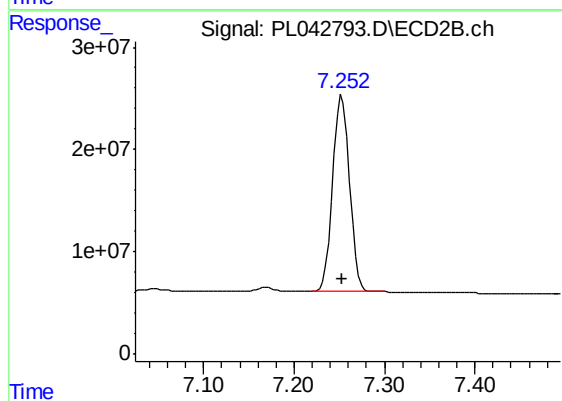
#16 4,4'-DDD

R.T.: 6.953 min  
Delta R.T.: 0.000 min  
Response: 13899630  
Conc: 5.28 ng/ml



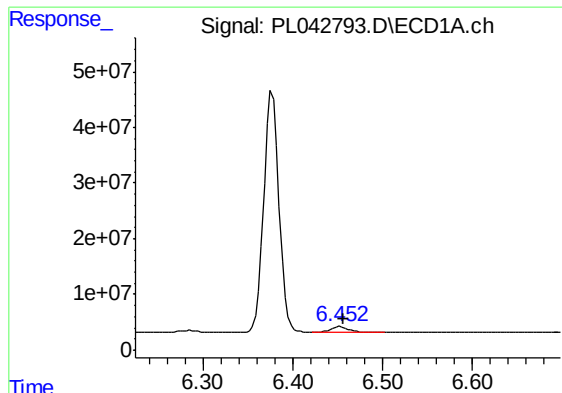
#17 4,4'-DDT

R.T.: 6.377 min  
Delta R.T.: -0.003 min  
Response: 506946219  
Conc: 91.07 ng/ml



#17 4,4'-DDT

R.T.: 7.253 min  
Delta R.T.: 0.000 min  
Response: 249127200  
Conc: 94.35 ng/ml



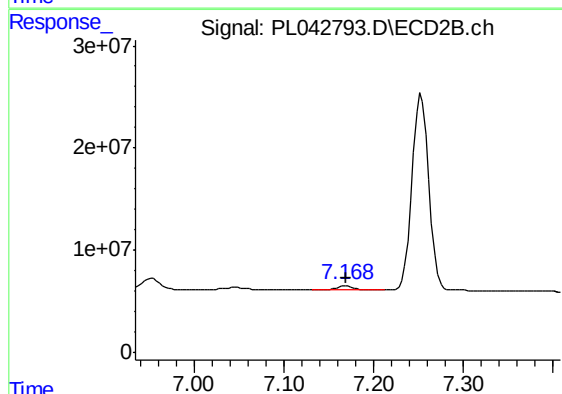
#18 Endrin aldehyde

R.T.: 6.453 min  
Delta R.T.: -0.003 min  
Response: 12053572  
Conc: 2.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

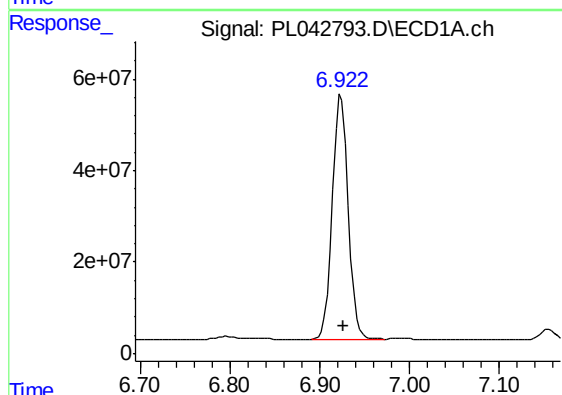
Manual Integrations  
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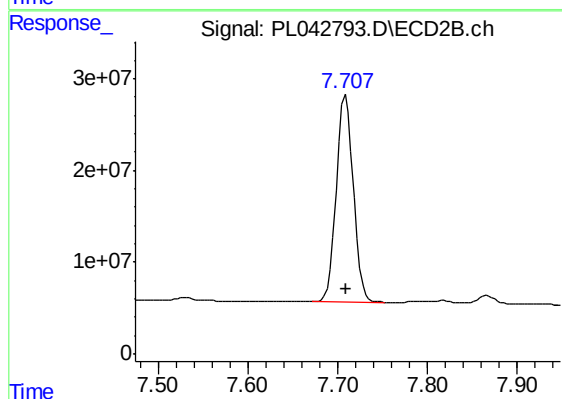
#18 Endrin aldehyde

R.T.: 7.169 min  
Delta R.T.: 0.000 min  
Response: 5589657  
Conc: 2.44 ng/ml



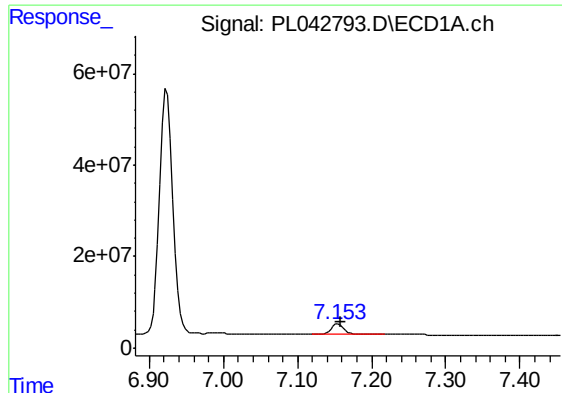
#20 Methoxychlor

R.T.: 6.924 min  
Delta R.T.: -0.002 min  
Response: 653568234  
Conc: 207.23 ng/ml



#20 Methoxychlor

R.T.: 7.709 min  
Delta R.T.: 0.000 min  
Response: 297795277  
Conc: 218.41 ng/ml



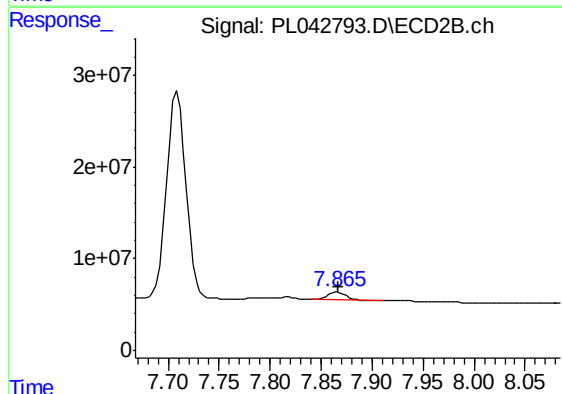
#21 Endrin ketone

R.T.: 7.155 min  
Delta R.T.: -0.004 min  
Response: 27850885  
Conc: 4.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

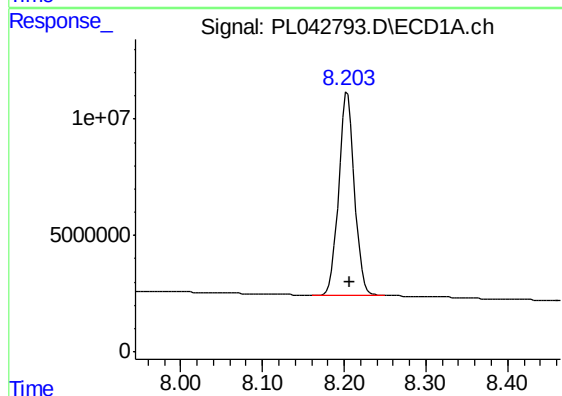
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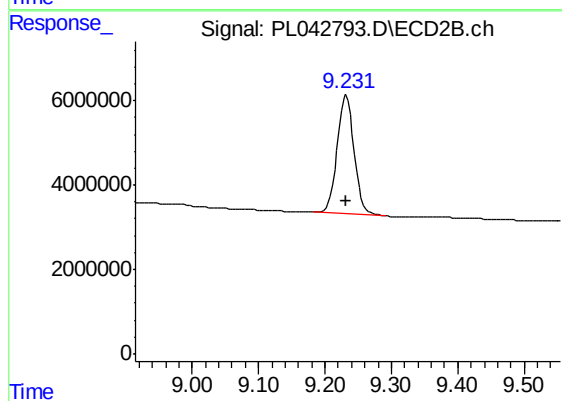
#21 Endrin ketone

R.T.: 7.867 min  
Delta R.T.: 0.000 min  
Response: 11444799  
Conc: 4.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: -0.003 min  
Response: 117727707  
Conc: 18.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.232 min  
Delta R.T.: 0.000 min  
Response: 50107279  
Conc: 20.78 ng/ml