

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100318\  
 Data File : PL040593.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2018 13:34  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Sohil  
 10/4/2018 12:33:00 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 02:16:49 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 27 01:27:39 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... | 3.209 | 3.806 | 163.1E6  | 61110835 | 22.288  | 19.352  |
| 28)                         | SA Decachlor... | 7.810 | 8.730 | 216.4E6  | 58971338 | 22.764  | 18.622  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.630 | 4.177 | 121.6E6  | 42828419 | 10.391  | 9.033   |
| 3)                          | MA gamma-BHC... | 3.900 | 4.451 | 117.5E6  | 42131491 | 10.809  | 9.284   |
| 6)                          | B beta-BHC      | 4.153 | 4.614 | 52237145 | 19697347 | 12.376  | 9.858   |
| 12)                         | B 4,4'-DDE      | 5.278 | 6.080 | 6086537  | 837788   | 0.551m  | 0.208m# |
| 14)                         | MA Endrin       | 5.644 | 6.432 | 545.9E6  | 158.9E6  | 54.950  | 48.653  |
| 16)                         | A 4,4'-DDD      | 5.785 | 6.559 | 23370834 | 5393628  | 2.532   | 1.698m# |
| 17)                         | MA 4,4'-DDT     | 6.015 | 6.858 | 1002.7E6 | 308.3E6  | 123.986 | 101.183 |
| 18)                         | B Endrin al...  | 6.084 | 6.756 | 10516296 | 3083714  | 1.252m  | 1.030m  |
| 20)                         | A Methoxychlor  | 6.561 | 7.313 | 1262.6E6 | 373.8E6  | 261.401 | 245.261 |
| 21)                         | B Endrin ke...  | 6.769 | 7.435 | 30537283 | 5872431  | 2.815   | 1.910m# |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100318\  
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Acq On : 03 Oct 2018 13:34  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

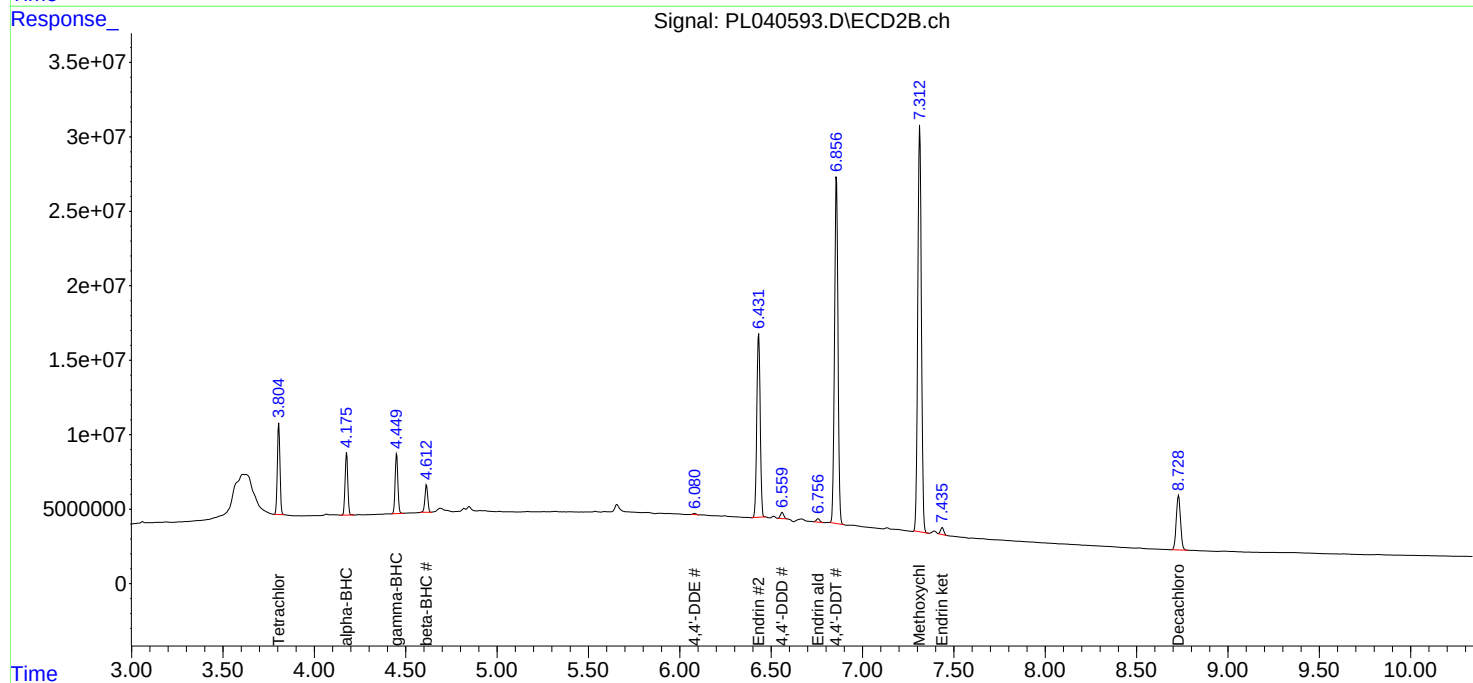
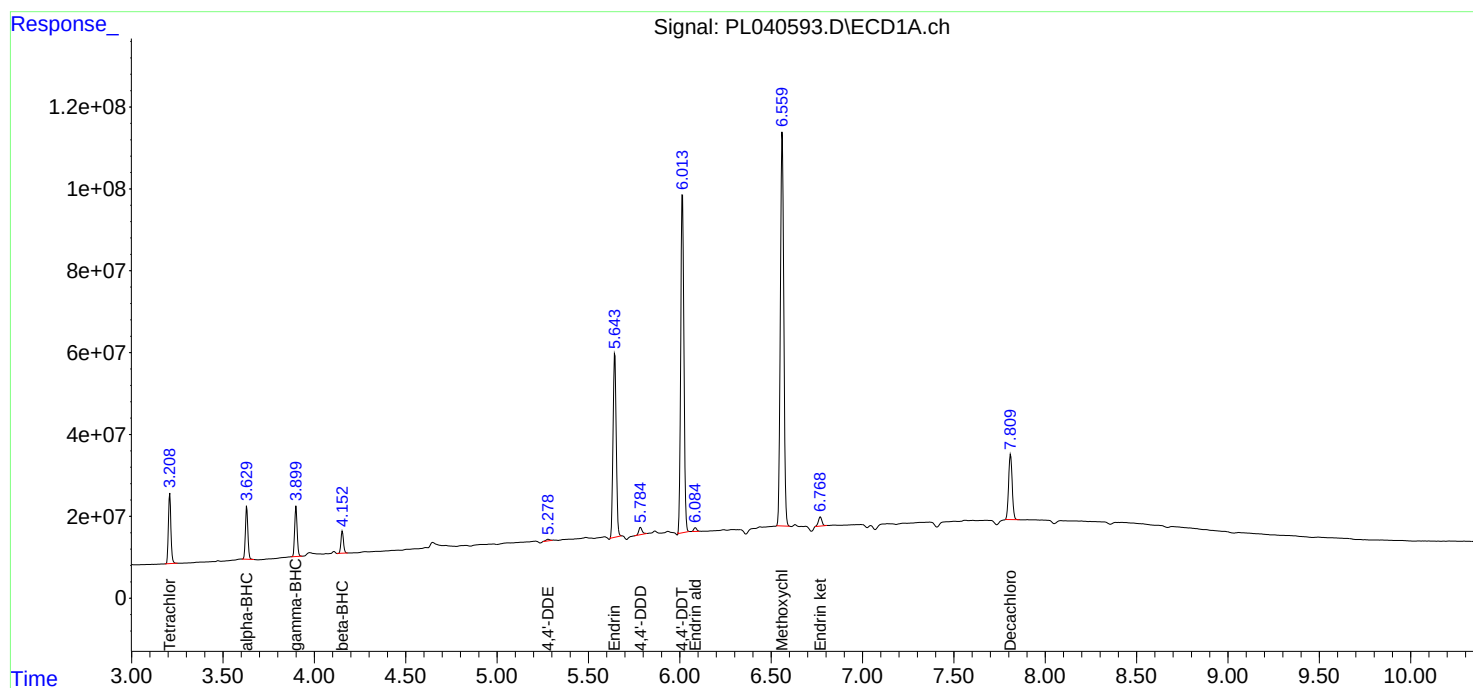
Instrument :  
ECD\_L  
ClientSampled :  
PEM

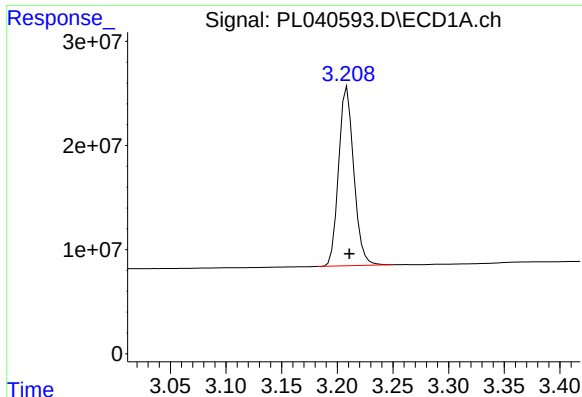
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 02:16:49 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 27 01:27:39 2018  
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





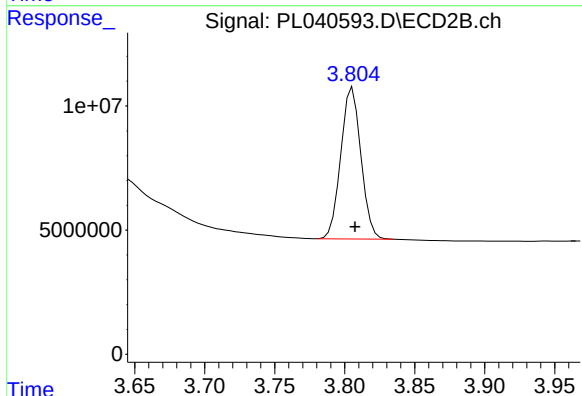
#1 Tetrachloro-m-xylene

R.T.: 3.209 min  
Delta R.T.: -0.002 min  
Response: 163148663  
Conc: 22.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

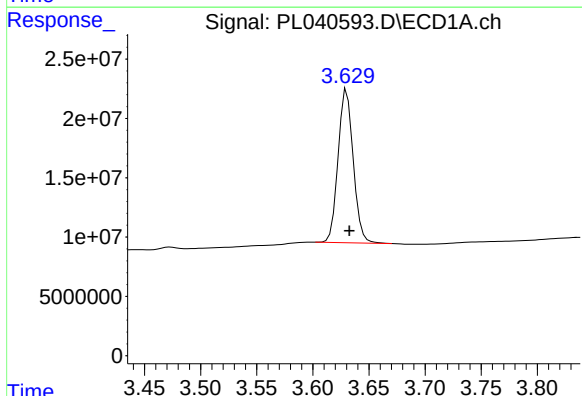
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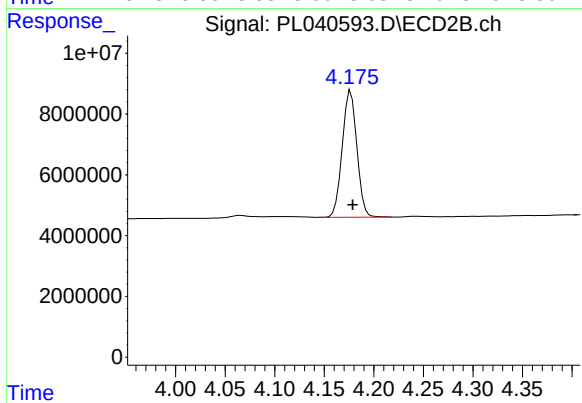
#1 Tetrachloro-m-xylene

R.T.: 3.806 min  
Delta R.T.: -0.002 min  
Response: 61110835  
Conc: 19.35 ng/ml



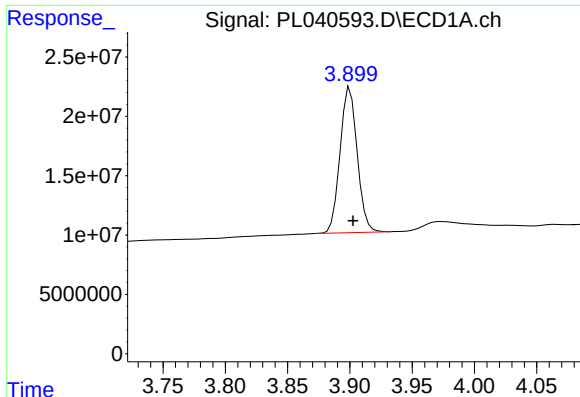
#2 alpha-BHC

R.T.: 3.630 min  
Delta R.T.: -0.002 min  
Response: 121579543  
Conc: 10.39 ng/ml



#2 alpha-BHC

R.T.: 4.177 min  
Delta R.T.: -0.002 min  
Response: 42828419  
Conc: 9.03 ng/ml



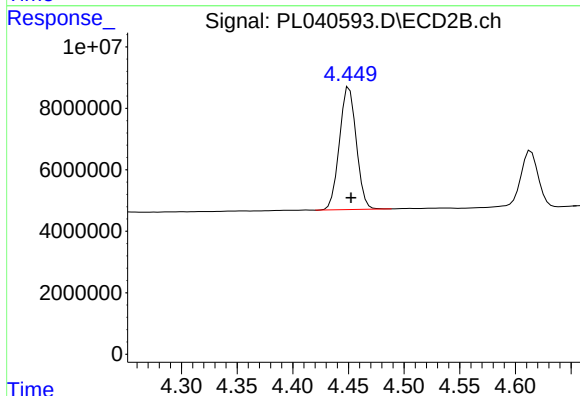
#3 gamma-BHC (Lindane)

R.T.: 3.900 min  
Delta R.T.: -0.002 min  
Response: 117525827  
Conc: 10.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

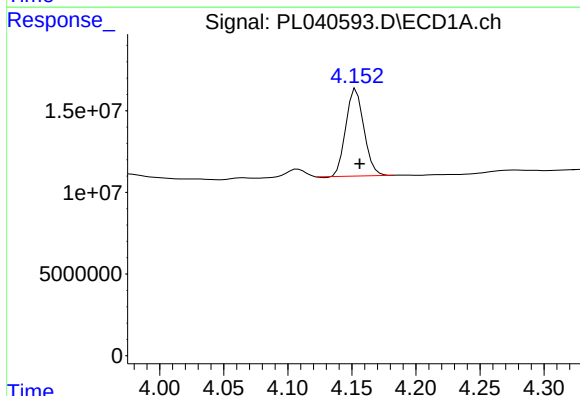
Manual Integrations  
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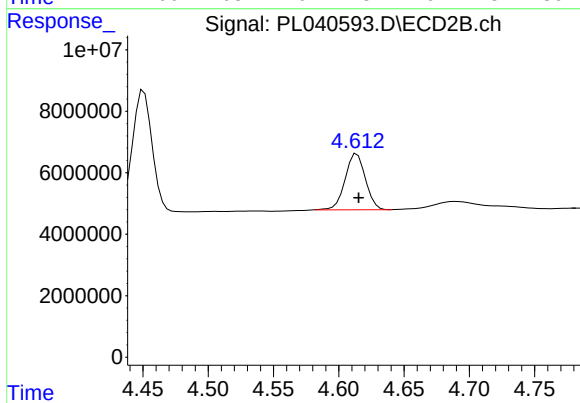
#3 gamma-BHC (Lindane)

R.T.: 4.451 min  
Delta R.T.: -0.002 min  
Response: 42131491  
Conc: 9.28 ng/ml



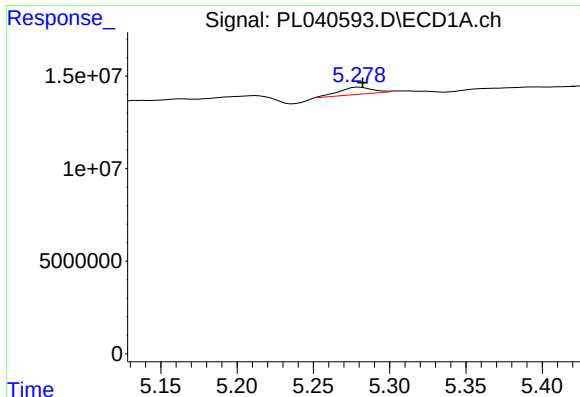
#6 beta-BHC

R.T.: 4.153 min  
Delta R.T.: -0.003 min  
Response: 52237145  
Conc: 12.38 ng/ml



#6 beta-BHC

R.T.: 4.614 min  
Delta R.T.: -0.001 min  
Response: 19697347  
Conc: 9.86 ng/ml



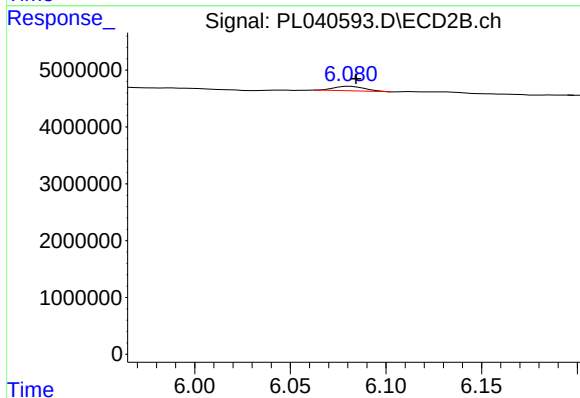
#12 4,4'-DDE

R.T.: 5.278 min  
Delta R.T.: -0.004 min  
Response: 6086537  
Conc: 0.55 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

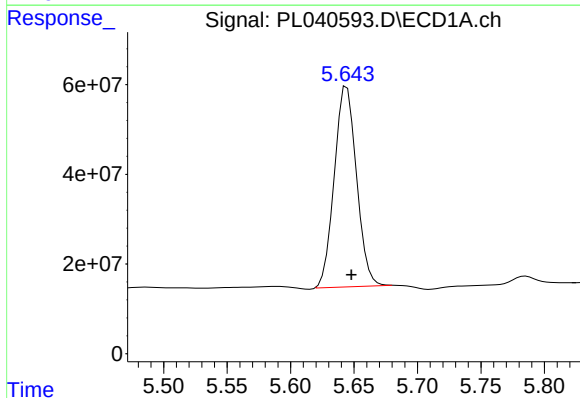
Manual Integrations  
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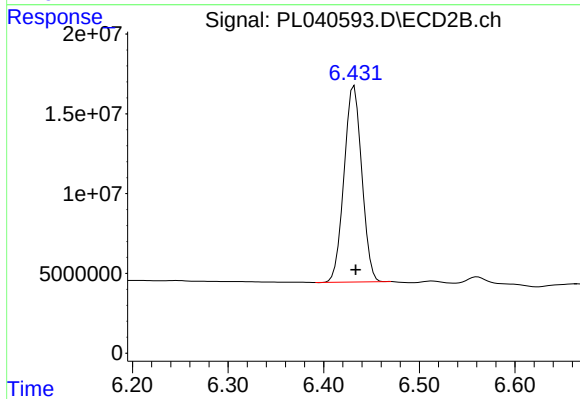
#12 4,4'-DDE

R.T.: 6.080 min  
Delta R.T.: -0.004 min  
Response: 837788  
Conc: 0.21 ng/ml m



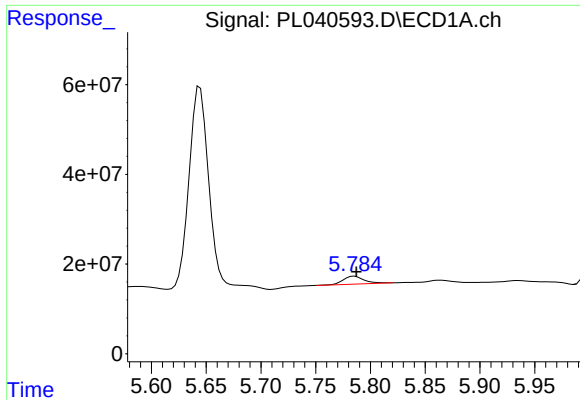
#14 Endrin

R.T.: 5.644 min  
Delta R.T.: -0.004 min  
Response: 545872004  
Conc: 54.95 ng/ml



#14 Endrin

R.T.: 6.432 min  
Delta R.T.: -0.002 min  
Response: 158940644  
Conc: 48.65 ng/ml



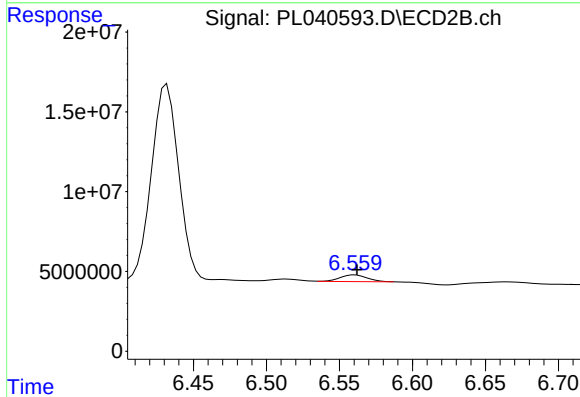
#16 4,4'-DDD

R.T.: 5.785 min  
Delta R.T.: -0.002 min  
Response: 23370834  
Conc: 2.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

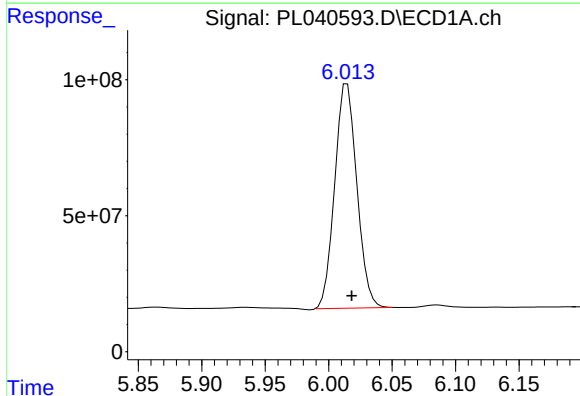
Manual Integrations  
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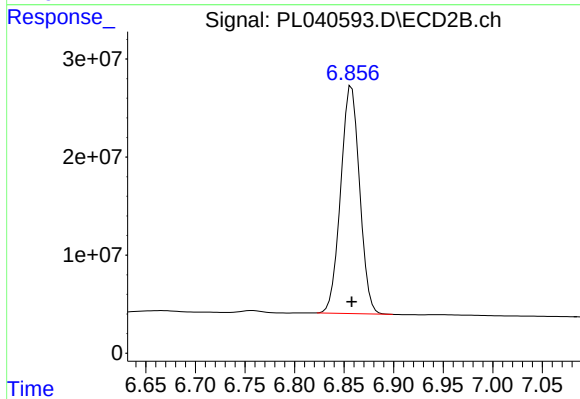
#16 4,4'-DDD

R.T.: 6.559 min  
Delta R.T.: -0.003 min  
Response: 5393628  
Conc: 1.70 ng/ml m



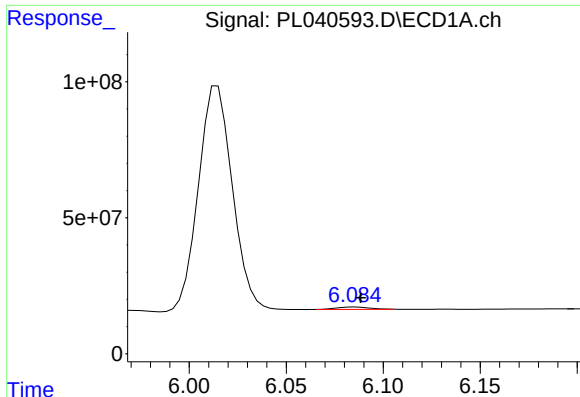
#17 4,4'-DDT

R.T.: 6.015 min  
Delta R.T.: -0.004 min  
Response: 1002655855  
Conc: 123.99 ng/ml



#17 4,4'-DDT

R.T.: 6.858 min  
Delta R.T.: 0.000 min  
Response: 308331231  
Conc: 101.18 ng/ml



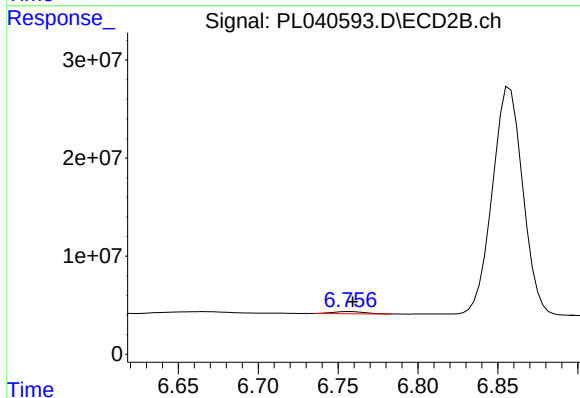
#18 Endrin aldehyde

R.T.: 6.084 min  
Delta R.T.: -0.004 min  
Response: 10516296  
Conc: 1.25 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

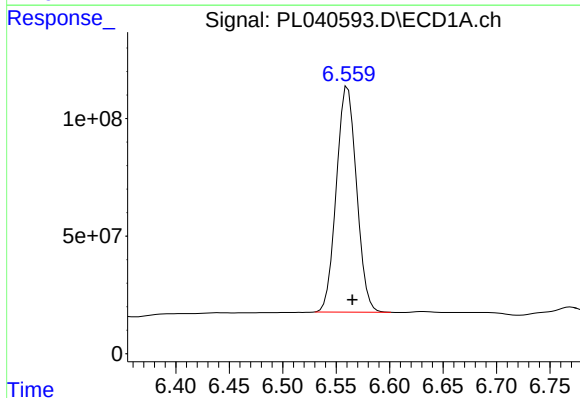
Manual Integrations  
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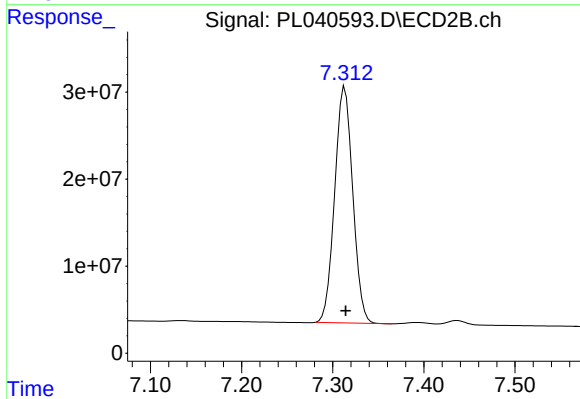
#18 Endrin aldehyde

R.T.: 6.756 min  
Delta R.T.: -0.003 min  
Response: 3083714  
Conc: 1.03 ng/ml m



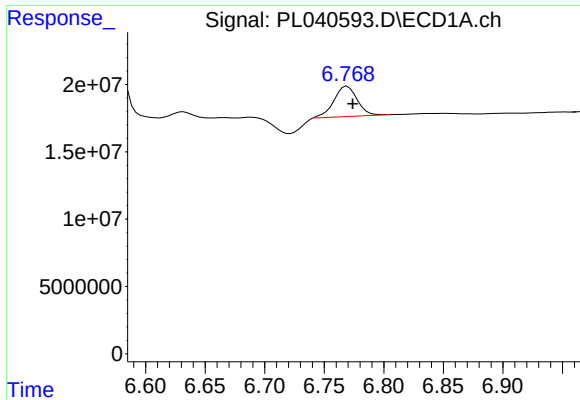
#20 Methoxychlor

R.T.: 6.561 min  
Delta R.T.: -0.004 min  
Response: 1262647929  
Conc: 261.40 ng/ml



#20 Methoxychlor

R.T.: 7.313 min  
Delta R.T.: -0.001 min  
Response: 373762580  
Conc: 245.26 ng/ml



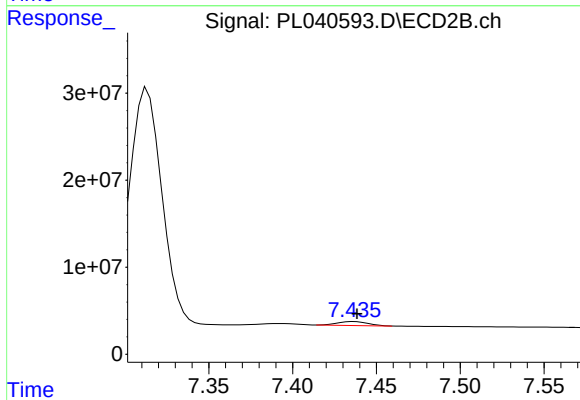
#21 Endrin ketone

R.T.: 6.769 min  
Delta R.T.: -0.004 min  
Response: 30537283  
Conc: 2.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

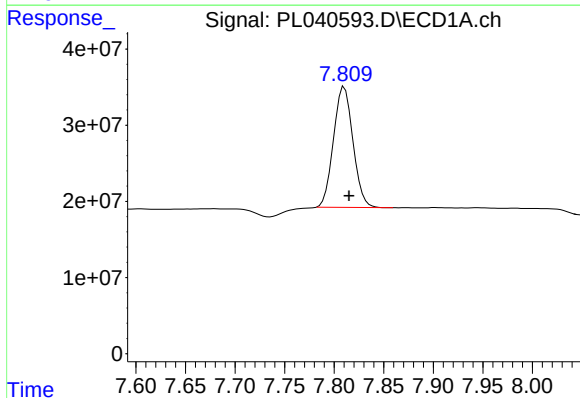
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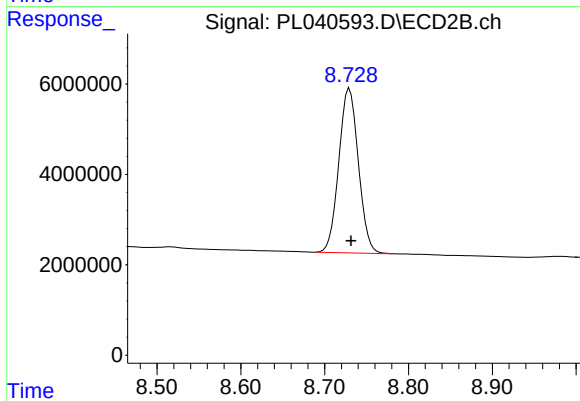
#21 Endrin ketone

R.T.: 7.435 min  
Delta R.T.: -0.003 min  
Response: 5872431  
Conc: 1.91 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.810 min  
Delta R.T.: -0.005 min  
Response: 216389062  
Conc: 22.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.730 min  
Delta R.T.: -0.002 min  
Response: 58971338  
Conc: 18.62 ng/ml