

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121318\  
 Data File : PL043098.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Dec 2018 18:44  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 00:28:06 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 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... | 3.464 | 4.098 | 313.3E6 | 159.9E6  | 51.078 | 53.957  |
| 28)                         | SA Decachlor... | 8.197 | 9.223 | 299.1E6 | 123.7E6  | 45.807 | 47.424  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.903 | 4.493 | 489.6E6 | 245.6E6  | 51.790 | 54.296  |
| 3)                          | MA gamma-BHC... | 4.186 | 4.781 | 445.9E6 | 224.9E6  | 51.637 | 53.620  |
| 4)                          | MA Heptachlor   | 4.481 | 5.296 | 453.6E6 | 216.8E6  | 51.120 | 52.923  |
| 5)                          | MB Aldrin       | 4.727 | 5.605 | 434.3E6 | 218.4E6  | 51.222 | 53.510  |
| 6)                          | B beta-BHC      | 4.440 | 4.950 | 184.5E6 | 92682885 | 50.022 | 54.747  |
| 7)                          | B delta-BHC     | 4.641 | 5.171 | 420.4E6 | 220.2E6  | 51.918 | 51.237  |
| 8)                          | B Heptachlor... | 5.170 | 5.993 | 399.4E6 | 204.7E6  | 50.387 | 53.989  |
| 9)                          | A Endosulfan I  | 5.507 | 6.353 | 365.2E6 | 182.2E6  | 49.857 | 53.657  |
| 10)                         | B gamma-Chl...  | 5.395 | 6.227 | 405.6E6 | 196.3E6  | 50.311 | 53.441m |
| 11)                         | B alpha-Chl...  | 5.453 | 6.301 | 392.5E6 | 193.4E6  | 49.433 | 53.769  |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.456 | 360.0E6 | 190.3E6  | 52.007 | 52.511  |
| 13)                         | MA Dieldrin     | 5.749 | 6.611 | 392.3E6 | 191.0E6  | 50.457 | 52.688  |
| 14)                         | MA Endrin       | 6.005 | 6.831 | 315.7E6 | 135.8E6  | 43.848 | 43.486  |
| 15)                         | B Endosulfa...  | 6.280 | 7.039 | 330.8E6 | 162.3E6  | 49.732 | 53.610  |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.948 | 303.7E6 | 159.8E6  | 53.556 | 54.500  |
| 17)                         | MA 4,4'-DDT     | 6.372 | 7.248 | 276.4E6 | 139.3E6  | 46.464 | 47.445  |
| 18)                         | B Endrin al...  | 6.448 | 7.163 | 280.3E6 | 136.3E6  | 50.873 | 54.326  |
| 19)                         | B Endosulfa...  | 6.661 | 7.387 | 336.9E6 | 158.4E6  | 50.293 | 52.670  |
| 20)                         | A Methoxychlor  | 6.918 | 7.703 | 151.2E6 | 70537213 | 45.062 | 46.766  |
| 21)                         | B Endrin ke...  | 7.150 | 7.860 | 374.0E6 | 165.9E6  | 51.726 | 54.289  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121318\  
Data File : PL043098.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Dec 2018 18:44  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

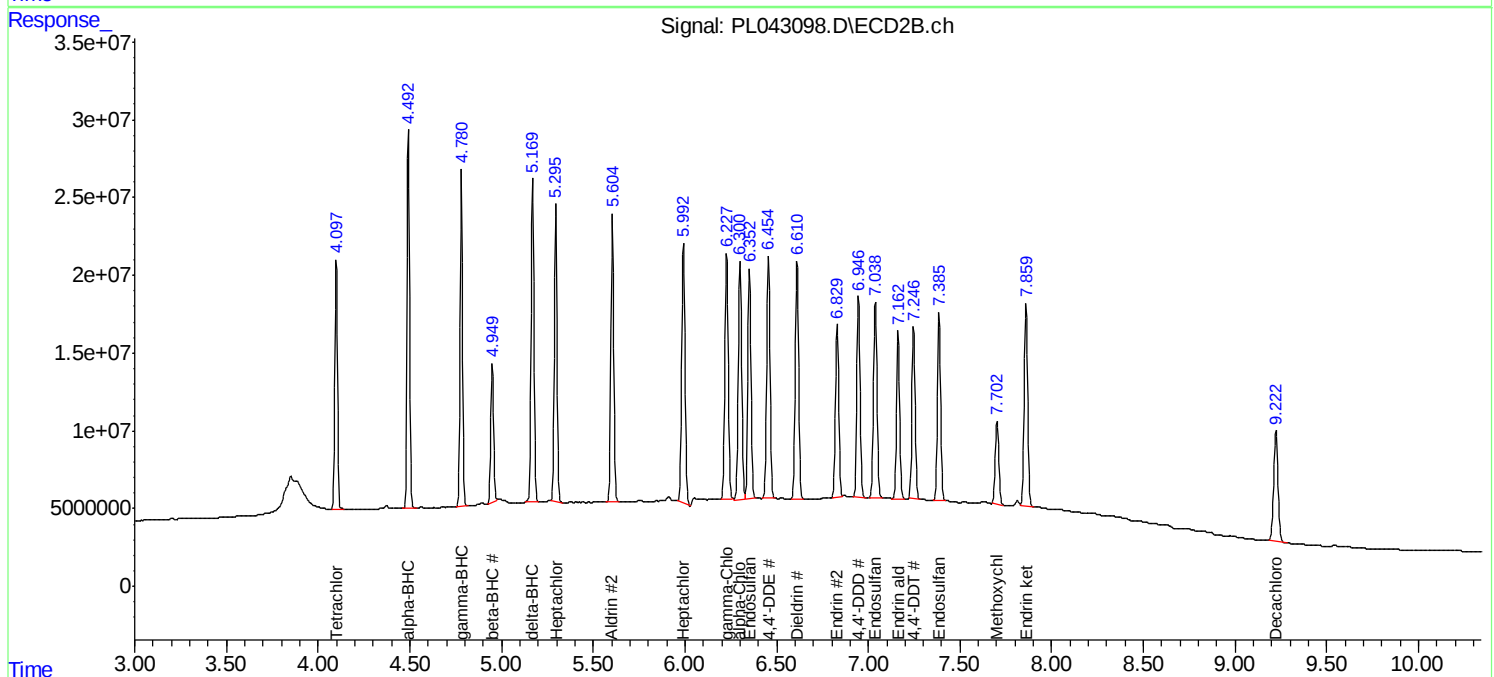
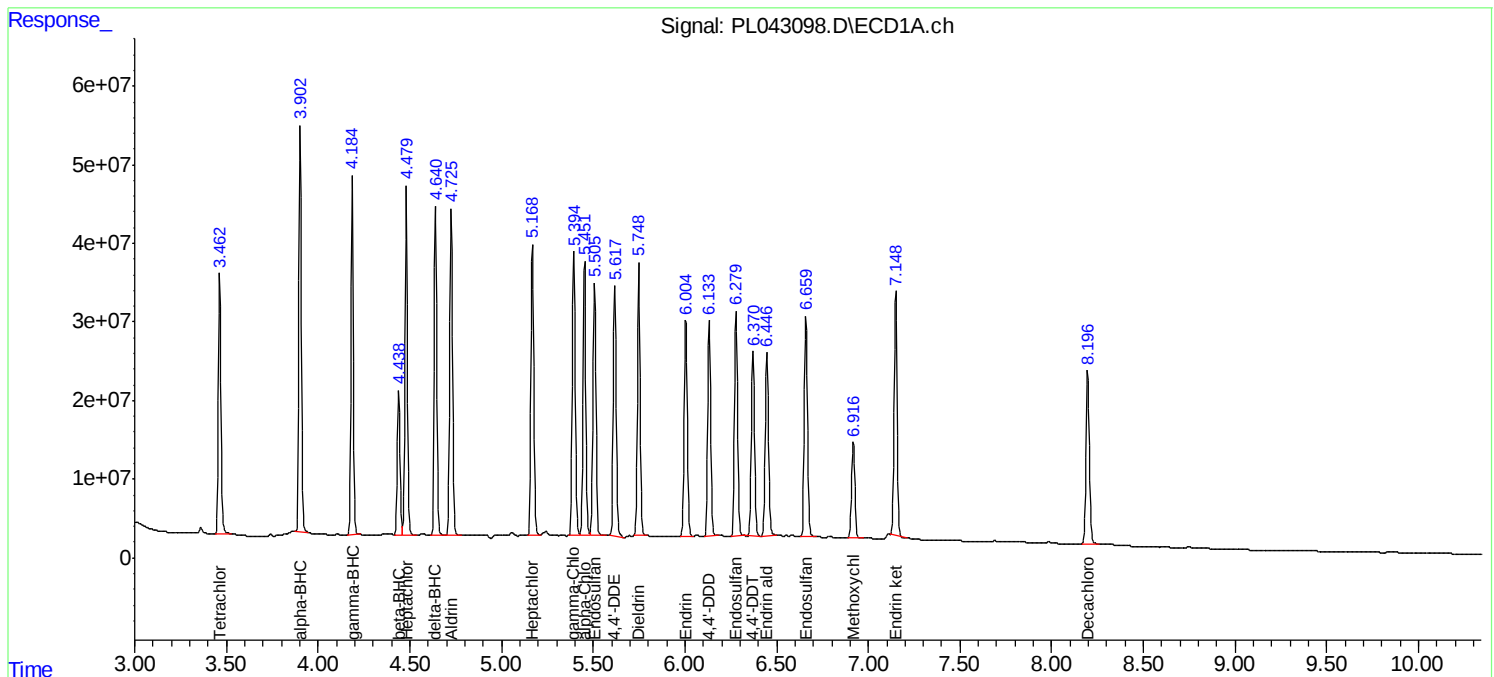
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

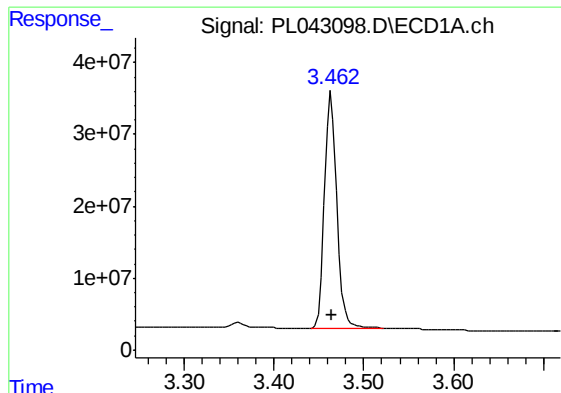
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 00:28:06 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
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





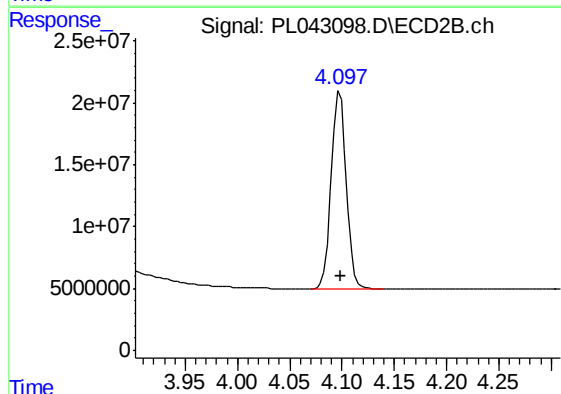
#1 Tetrachloro-m-xylene

R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 313258818  
Conc: 51.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

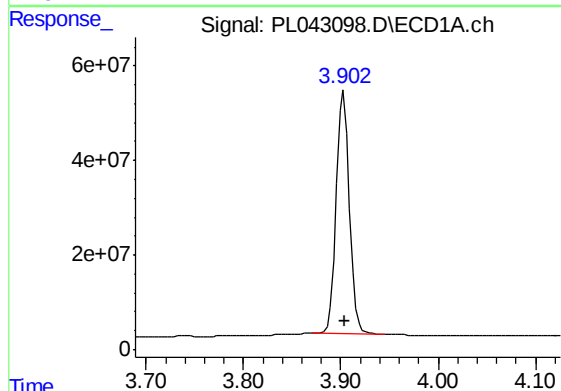
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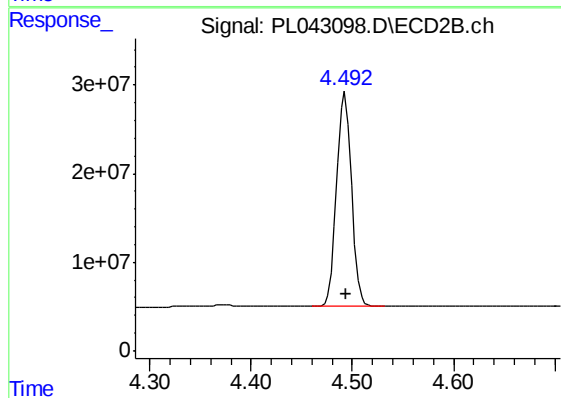
#1 Tetrachloro-m-xylene

R.T.: 4.098 min  
Delta R.T.: 0.000 min  
Response: 159921577  
Conc: 53.96 ng/ml



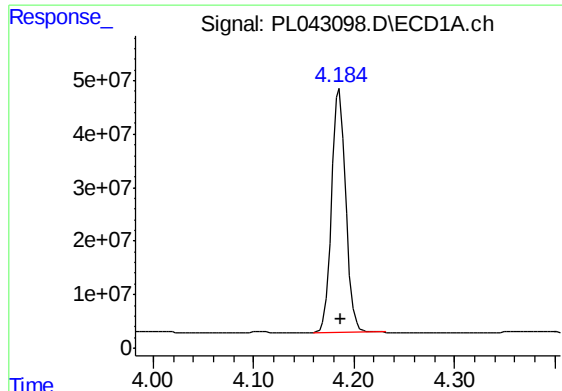
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: -0.001 min  
Response: 489588584  
Conc: 51.79 ng/ml



#2 alpha-BHC

R.T.: 4.493 min  
Delta R.T.: -0.001 min  
Response: 245604614  
Conc: 54.30 ng/ml



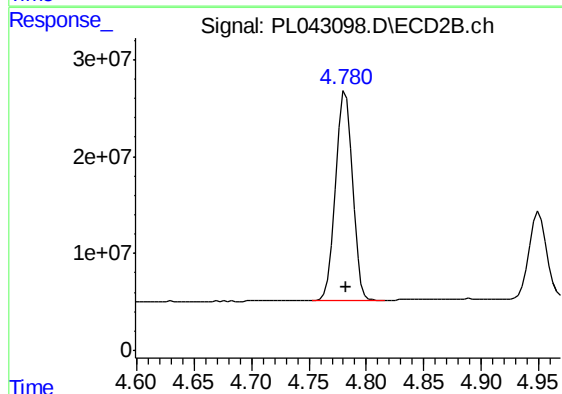
#3 gamma-BHC (Lindane)

R.T.: 4.186 min  
Delta R.T.: -0.001 min  
Response: 445858524  
Conc: 51.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

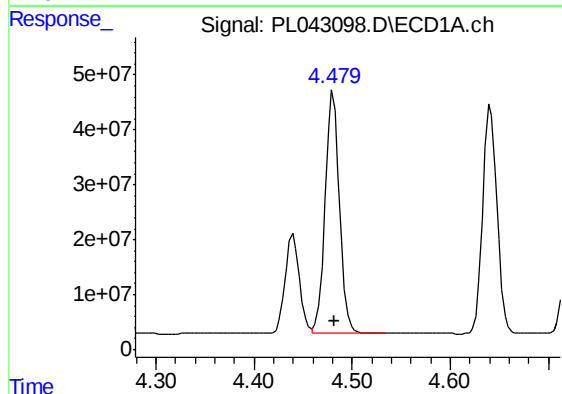
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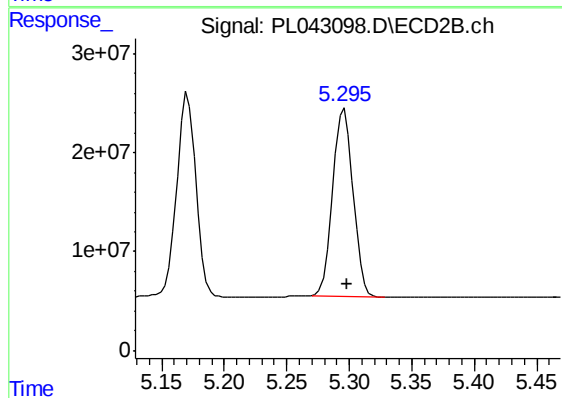
#3 gamma-BHC (Lindane)

R.T.: 4.781 min  
Delta R.T.: -0.001 min  
Response: 224891059  
Conc: 53.62 ng/ml



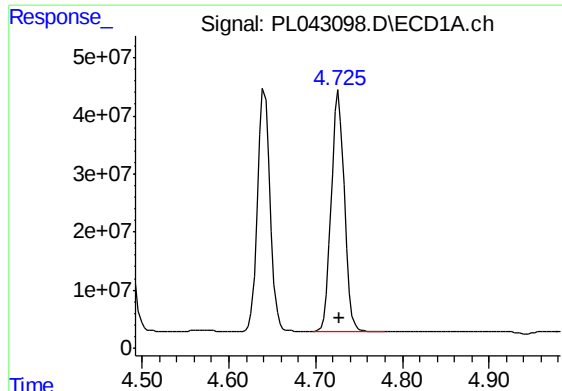
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: -0.001 min  
Response: 453569856  
Conc: 51.12 ng/ml



#4 Heptachlor

R.T.: 5.296 min  
Delta R.T.: -0.002 min  
Response: 216792762  
Conc: 52.92 ng/ml



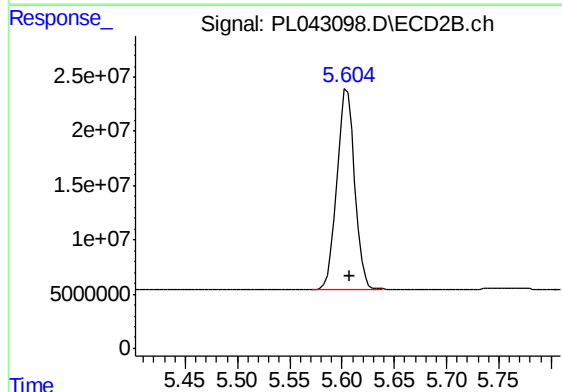
#5 Aldrin

R.T.: 4.727 min  
Delta R.T.: -0.001 min  
Response: 434292172  
Conc: 51.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

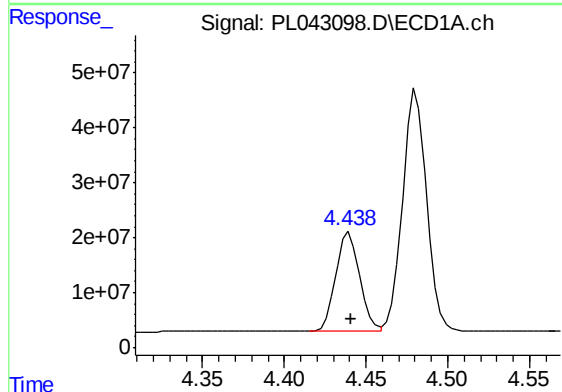
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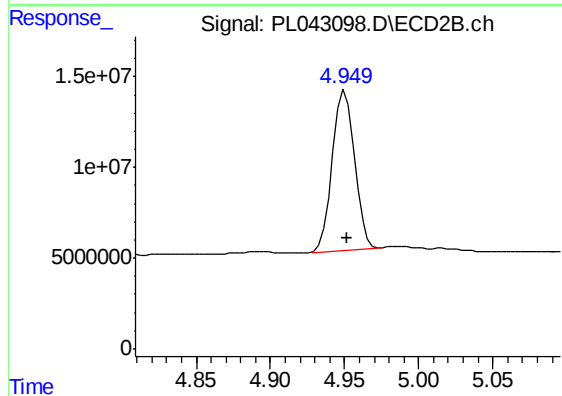
#5 Aldrin

R.T.: 5.605 min  
Delta R.T.: -0.002 min  
Response: 218428979  
Conc: 53.51 ng/ml



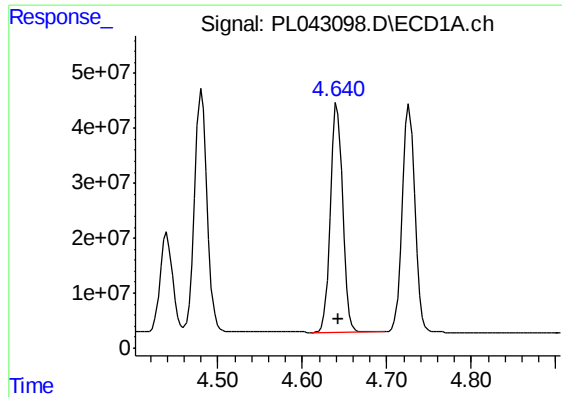
#6 beta-BHC

R.T.: 4.440 min  
Delta R.T.: 0.000 min  
Response: 184506196  
Conc: 50.02 ng/ml



#6 beta-BHC

R.T.: 4.950 min  
Delta R.T.: -0.001 min  
Response: 92682885  
Conc: 54.75 ng/ml



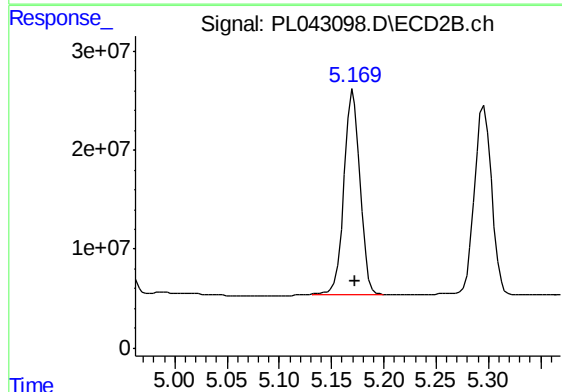
#7 delta-BHC

R.T.: 4.641 min  
Delta R.T.: -0.001 min  
Response: 420448739  
Conc: 51.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

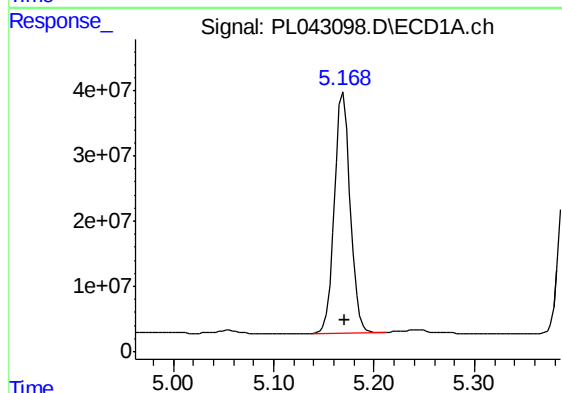
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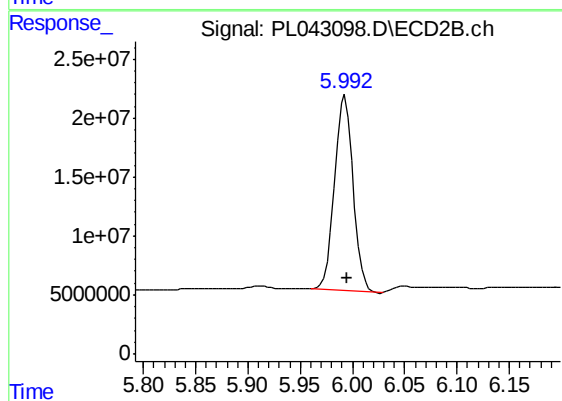
#7 delta-BHC

R.T.: 5.171 min  
Delta R.T.: -0.002 min  
Response: 220192134  
Conc: 51.24 ng/ml



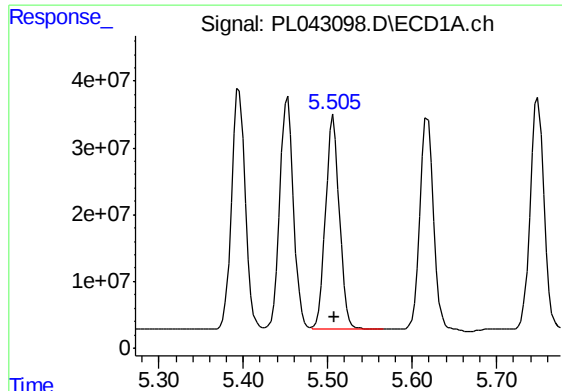
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: -0.001 min  
Response: 399413523  
Conc: 50.39 ng/ml



#8 Heptachlor epoxide

R.T.: 5.993 min  
Delta R.T.: -0.002 min  
Response: 204727658  
Conc: 53.99 ng/ml



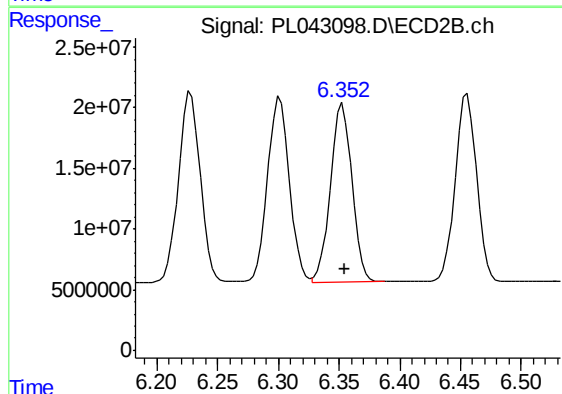
#9 Endosulfan I

R.T.: 5.507 min  
Delta R.T.: -0.001 min  
Response: 365241527  
Conc: 49.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

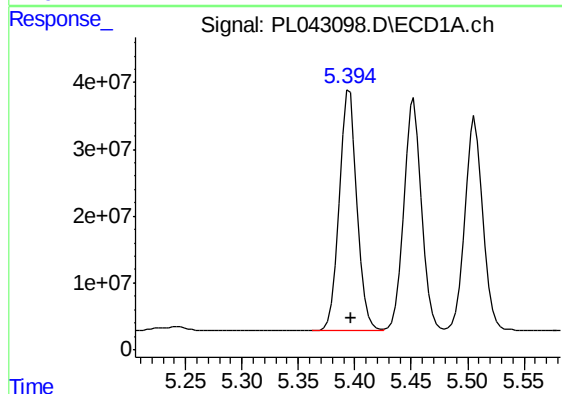
Manual Integrations  
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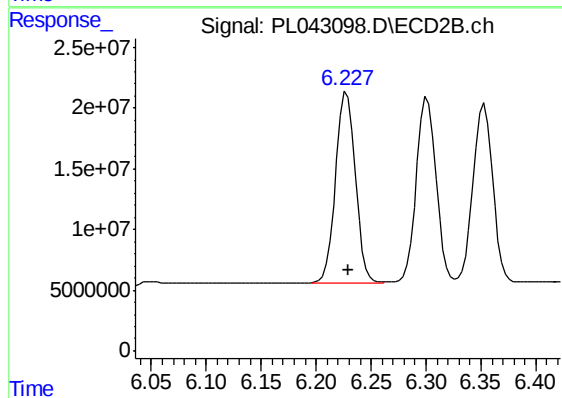
#9 Endosulfan I

R.T.: 6.353 min  
Delta R.T.: -0.001 min  
Response: 182183926  
Conc: 53.66 ng/ml



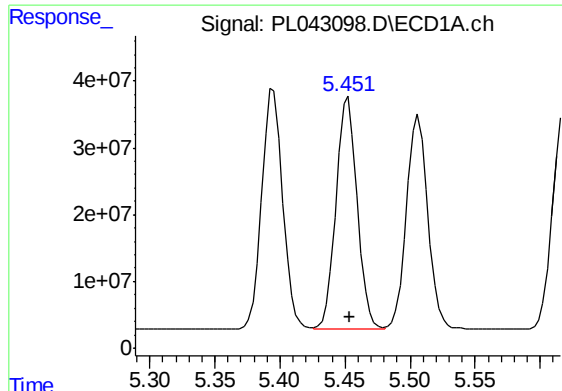
#10 gamma-Chlordane

R.T.: 5.395 min  
Delta R.T.: -0.001 min  
Response: 405599984  
Conc: 50.31 ng/ml



#10 gamma-Chlordane

R.T.: 6.227 min  
Delta R.T.: -0.003 min  
Response: 196320090  
Conc: 53.44 ng/ml m



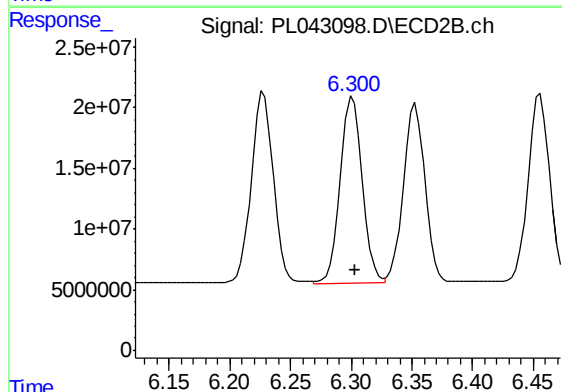
#11 alpha-Chlordane

R.T.: 5.453 min  
Delta R.T.: -0.001 min  
Response: 392458476  
Conc: 49.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

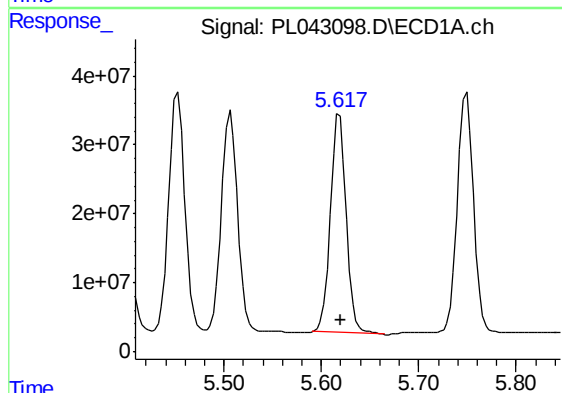
Manual Integrations  
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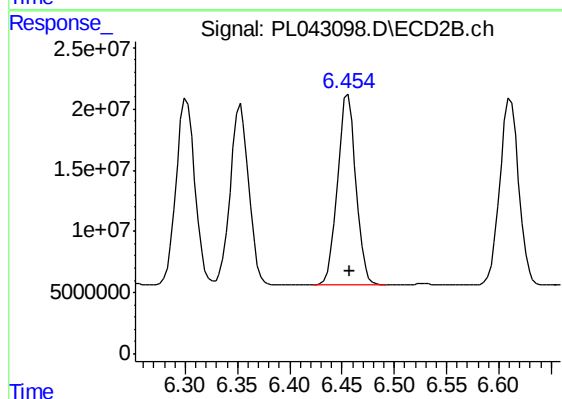
#11 alpha-Chlordane

R.T.: 6.301 min  
Delta R.T.: -0.002 min  
Response: 193376109  
Conc: 53.77 ng/ml



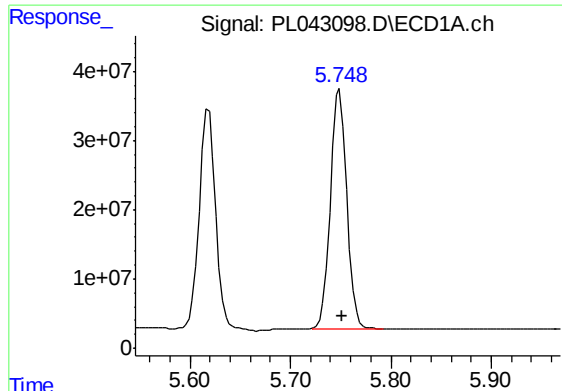
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: -0.002 min  
Response: 360044477  
Conc: 52.01 ng/ml



#12 4,4'-DDE

R.T.: 6.456 min  
Delta R.T.: -0.001 min  
Response: 190288076  
Conc: 52.51 ng/ml



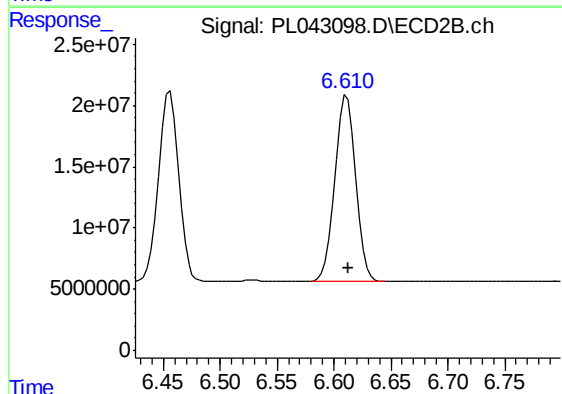
#13 Dieldrin

R.T.: 5.749 min  
Delta R.T.: -0.002 min  
Response: 392296873  
Conc: 50.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

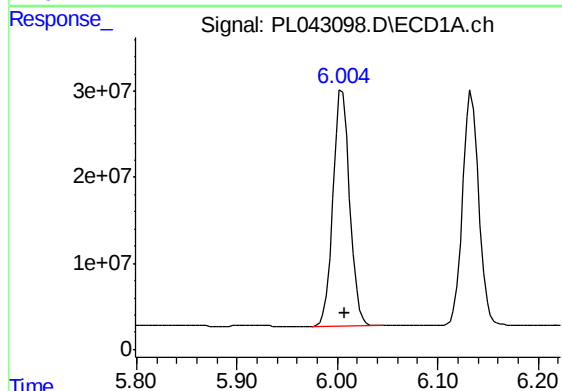
Manual Integrations  
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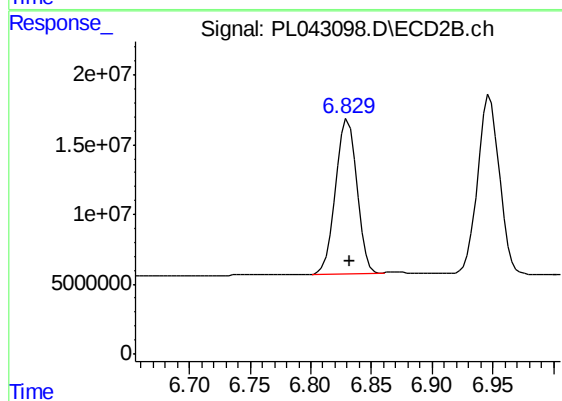
#13 Dieldrin

R.T.: 6.611 min  
Delta R.T.: -0.002 min  
Response: 191031712  
Conc: 52.69 ng/ml



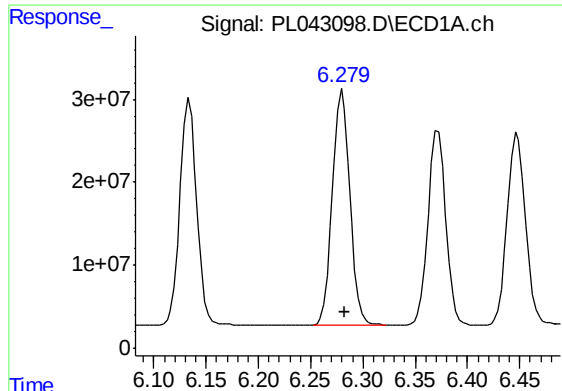
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: -0.002 min  
Response: 315729844  
Conc: 43.85 ng/ml



#14 Endrin

R.T.: 6.831 min  
Delta R.T.: -0.002 min  
Response: 135762519  
Conc: 43.49 ng/ml



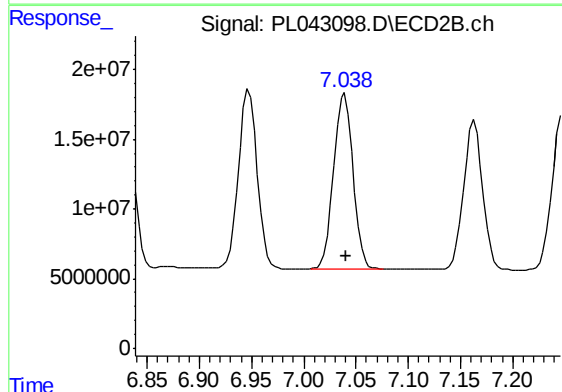
#15 Endosulfan II

R.T.: 6.280 min  
Delta R.T.: -0.002 min  
Response: 330823837  
Conc: 49.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

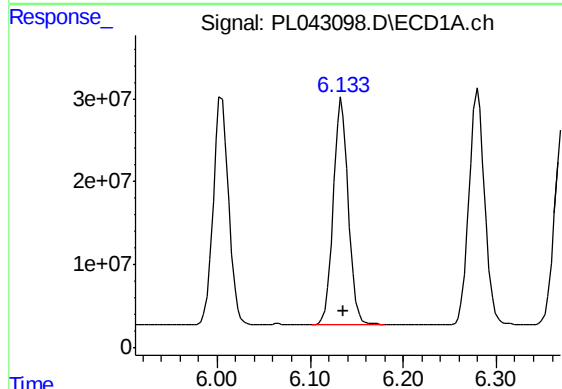
Manual Integrations  
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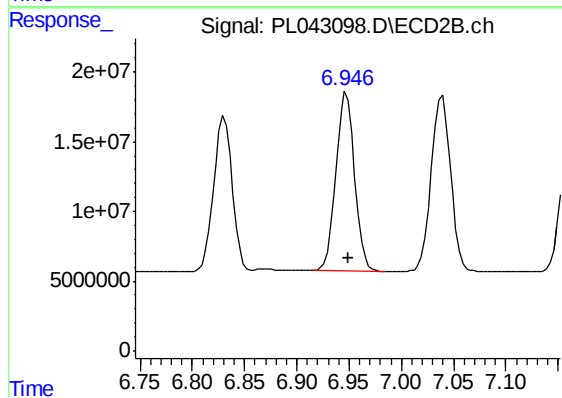
#15 Endosulfan II

R.T.: 7.039 min  
Delta R.T.: -0.002 min  
Response: 162326699  
Conc: 53.61 ng/ml



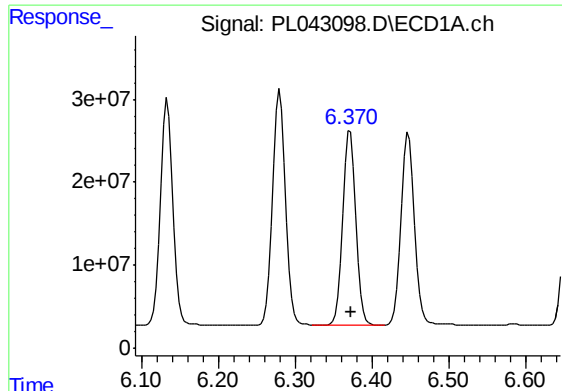
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: -0.002 min  
Response: 303717849  
Conc: 53.56 ng/ml



#16 4,4'-DDD

R.T.: 6.948 min  
Delta R.T.: -0.002 min  
Response: 159825424  
Conc: 54.50 ng/ml



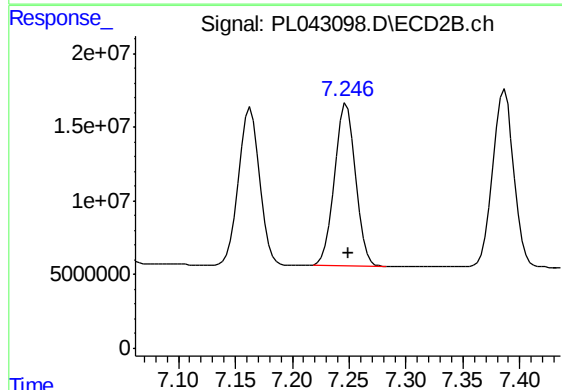
#17 4,4'-DDT

R.T.: 6.372 min  
Delta R.T.: -0.002 min  
Response: 276412561  
Conc: 46.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

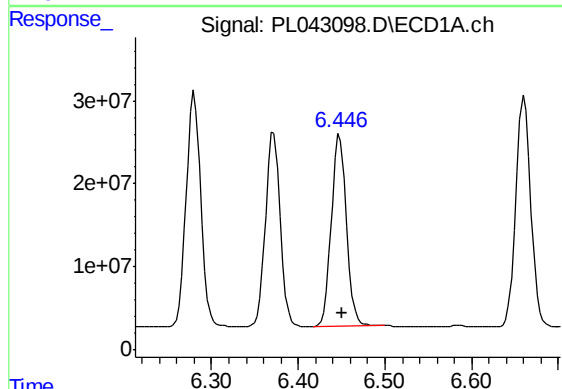
Manual Integrations  
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Sohil  
12/14/2018 10:57:31 AM



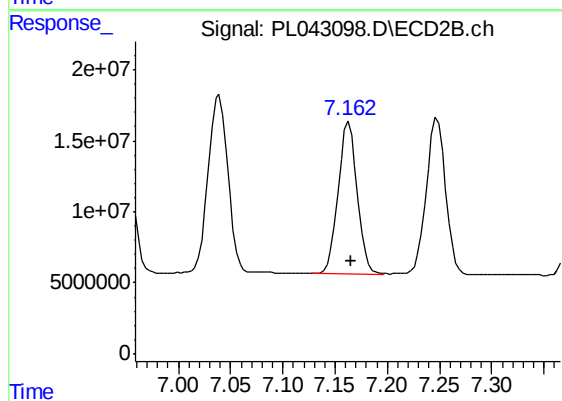
#17 4,4'-DDT

R.T.: 7.248 min  
Delta R.T.: -0.001 min  
Response: 139348610  
Conc: 47.45 ng/ml



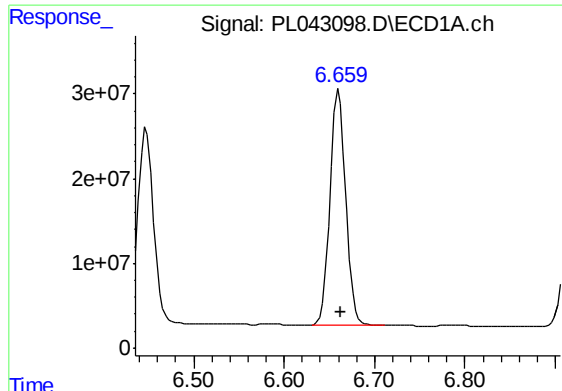
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.002 min  
Response: 280346066  
Conc: 50.87 ng/ml



#18 Endrin aldehyde

R.T.: 7.163 min  
Delta R.T.: -0.001 min  
Response: 136265557  
Conc: 54.33 ng/ml



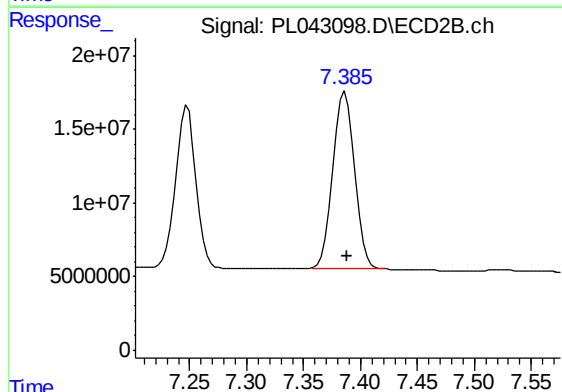
#19 Endosulfan Sulfate

R.T.: 6.661 min  
Delta R.T.: -0.002 min  
Response: 336903737  
Conc: 50.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

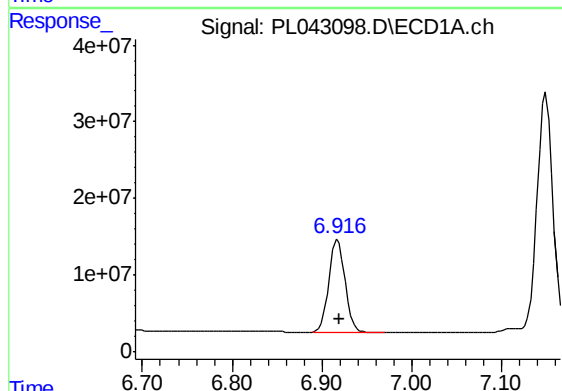
Manual Integrations  
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12/14/2018 10:57:31 AM



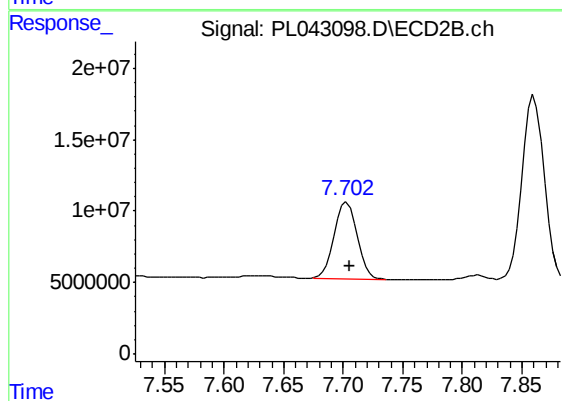
#19 Endosulfan Sulfate

R.T.: 7.387 min  
Delta R.T.: -0.002 min  
Response: 158358224  
Conc: 52.67 ng/ml



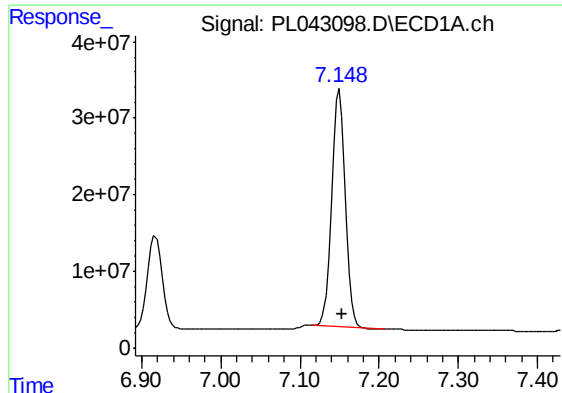
#20 Methoxychlor

R.T.: 6.918 min  
Delta R.T.: -0.002 min  
Response: 151200983  
Conc: 45.06 ng/ml



#20 Methoxychlor

R.T.: 7.703 min  
Delta R.T.: -0.002 min  
Response: 70537213  
Conc: 46.77 ng/ml



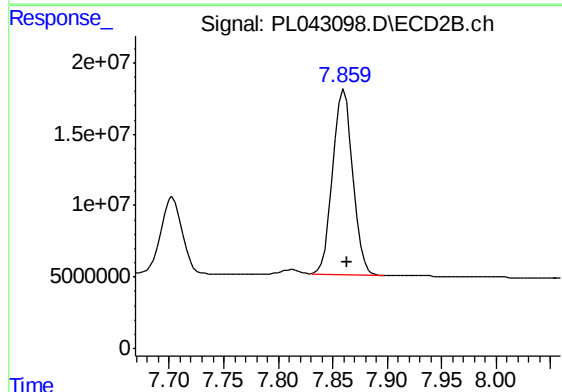
#21 Endrin ketone

R.T.: 7.150 min  
Delta R.T.: -0.003 min  
Response: 374017948  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

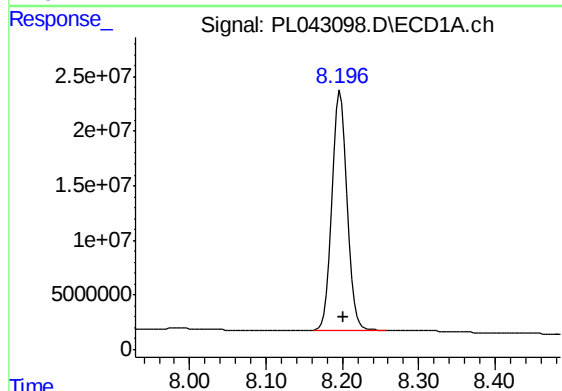
Manual Integrations  
APPROVED

Sohil  
12/14/2018 10:57:31 AM



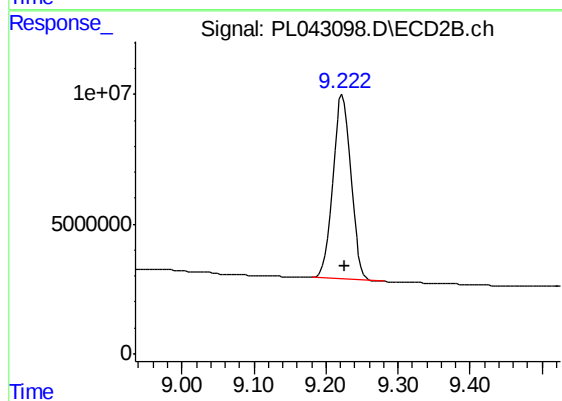
#21 Endrin ketone

R.T.: 7.860 min  
Delta R.T.: -0.002 min  
Response: 165939817  
Conc: 54.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.197 min  
Delta R.T.: -0.004 min  
Response: 299117252  
Conc: 45.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.223 min  
Delta R.T.: -0.004 min  
Response: 123706558  
Conc: 47.42 ng/ml