

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092418\  
 Data File : PL040261.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2018 19:12  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Sohil  
 9/25/2018 3:49:57 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 00:54:44 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092218.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 22 05:31:14 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... | 3.241 | 3.843 | 349.0E6 | 146.2E6  | 45.874  | 44.767  |
| 28)                         | SA Decachlor... | 7.861 | 8.793 | 359.6E6 | 136.8E6  | 40.601m | 42.754  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.665 | 4.217 | 551.2E6 | 212.1E6  | 45.880  | 44.477  |
| 3)                          | MA gamma-BHC... | 3.937 | 4.493 | 509.2E6 | 198.3E6  | 46.141  | 44.918  |
| 4)                          | MA Heptachlor   | 4.213 | 4.995 | 523.3E6 | 203.2E6  | 45.539  | 45.653  |
| 5)                          | MB Aldrin       | 4.447 | 5.293 | 475.7E6 | 184.6E6  | 45.001  | 45.217  |
| 6)                          | B beta-BHC      | 4.191 | 4.656 | 187.6E6 | 85494304 | 42.693  | 43.308  |
| 7)                          | B delta-BHC     | 4.378 | 4.866 | 490.5E6 | 197.5E6  | 43.954m | 43.657  |
| 8)                          | B Heptachlo...  | 4.878 | 5.670 | 442.5E6 | 164.5E6  | 43.531m | 44.558  |
| 9)                          | A Endosulfan I  | 5.205 | 6.020 | 422.2E6 | 153.2E6  | 42.646  | 43.235  |
| 10)                         | B gamma-Chl...  | 5.098 | 5.900 | 457.4E6 | 164.1E6  | 42.358m | 42.620m |
| 11)                         | B alpha-Chl...  | 5.155 | 5.974 | 436.9E6 | 162.4E6  | 41.917  | 42.708  |
| 12)                         | B 4,4'-DDE      | 5.323 | 6.132 | 455.7E6 | 162.9E6  | 43.243m | 42.996  |
| 13)                         | MA Dieldrin     | 5.441 | 6.272 | 463.8E6 | 156.5E6  | 43.513m | 42.984  |
| 14)                         | MA Endrin       | 5.691 | 6.484 | 413.7E6 | 135.0E6  | 42.019m | 42.308  |
| 15)                         | B Endosulfa...  | 5.968 | 6.688 | 405.4E6 | 134.2E6  | 39.025  | 43.119  |
| 16)                         | A 4,4'-DDD      | 5.830 | 6.612 | 376.8E6 | 130.7E6  | 43.604m | 40.819  |
| 17)                         | MA 4,4'-DDT     | 6.061 | 6.907 | 339.4E6 | 115.1E6  | 40.145m | 40.286m |
| 18)                         | B Endrin al...  | 6.133 | 6.811 | 315.2E6 | 114.8E6  | 40.706m | 41.862  |
| 19)                         | B Endosulfa...  | 6.343 | 7.032 | 366.6E6 | 125.4E6  | 40.943m | 42.336  |
| 20)                         | A Methoxychlor  | 6.608 | 7.364 | 190.0E6 | 64048925 | 40.536m | 42.048  |
| 21)                         | B Endrin ke...  | 6.821 | 7.492 | 408.9E6 | 136.2E6  | 41.840m | 46.481  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092418\  
Data File : PL040261.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2018 19:12  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

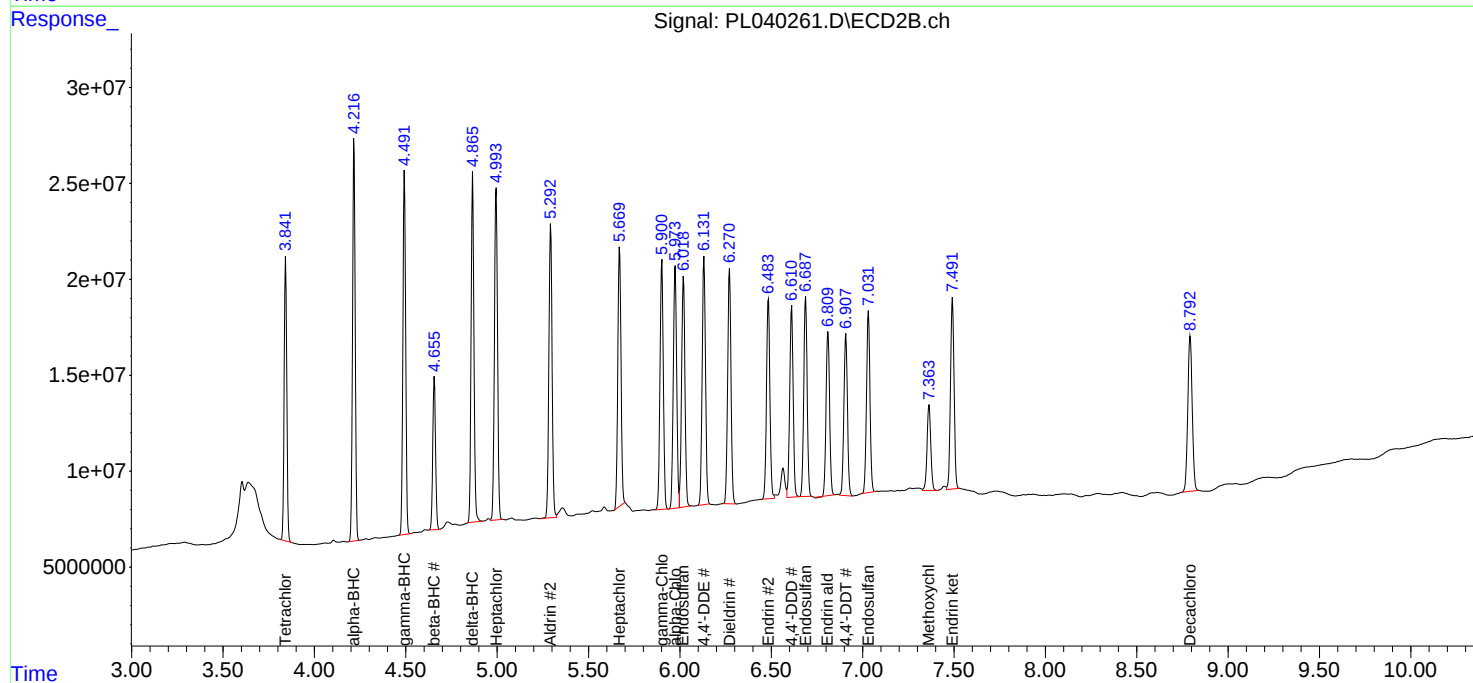
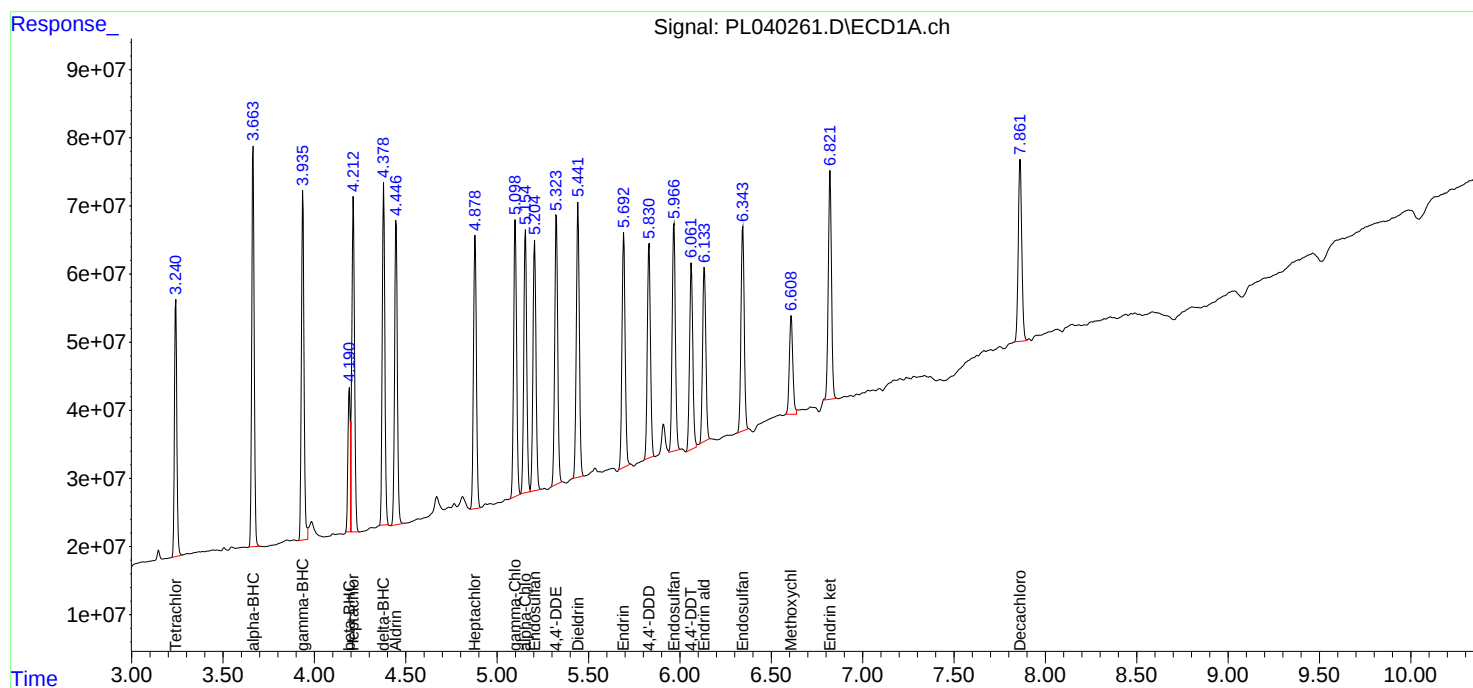
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

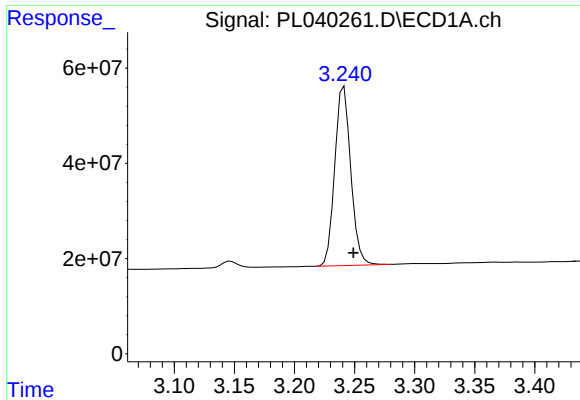
Manual Integrations  
APPROVED

Sohil  
9/25/2018 3:49:57 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 00:54:44 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092218.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 22 05:31:14 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





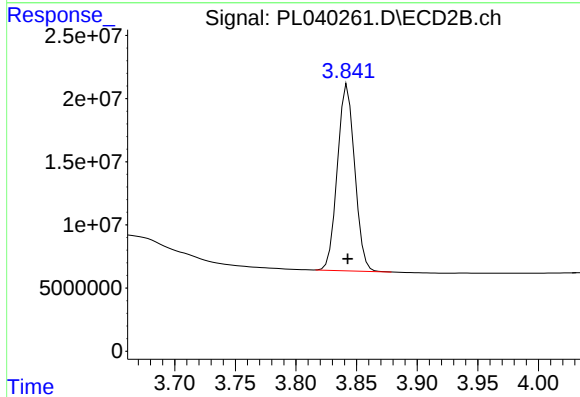
#1 Tetrachloro-m-xylene

R.T.: 3.241 min  
Delta R.T.: -0.008 min  
Response: 349012427  
Conc: 45.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

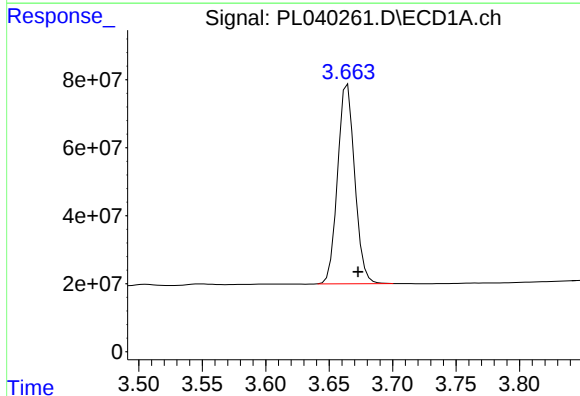
Manual Integrations  
APPROVED

Sohil  
9/25/2018 3:49:57 PM



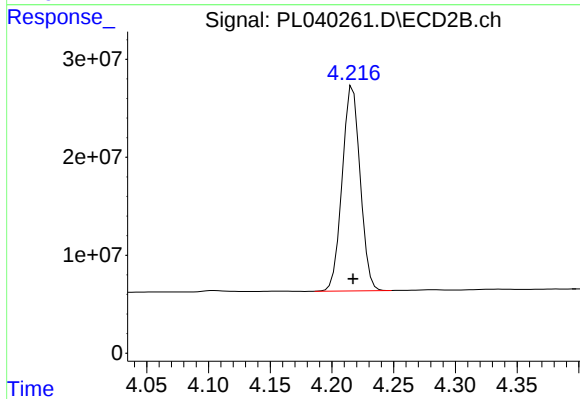
#1 Tetrachloro-m-xylene

R.T.: 3.843 min  
Delta R.T.: 0.000 min  
Response: 146192581  
Conc: 44.77 ng/ml



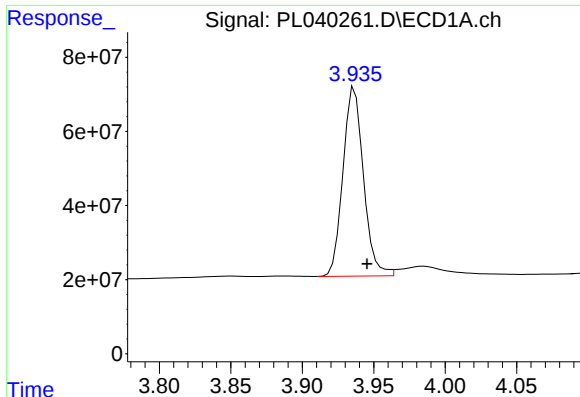
#2 alpha-BHC

R.T.: 3.665 min  
Delta R.T.: -0.008 min  
Response: 551215808  
Conc: 45.88 ng/ml



#2 alpha-BHC

R.T.: 4.217 min  
Delta R.T.: 0.000 min  
Response: 212055267  
Conc: 44.48 ng/ml



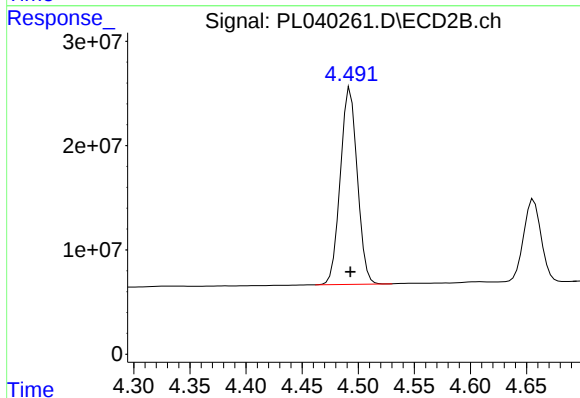
#3 gamma-BHC (Lindane)

R.T.: 3.937 min  
Delta R.T.: -0.009 min  
Response: 509247079  
Conc: 46.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

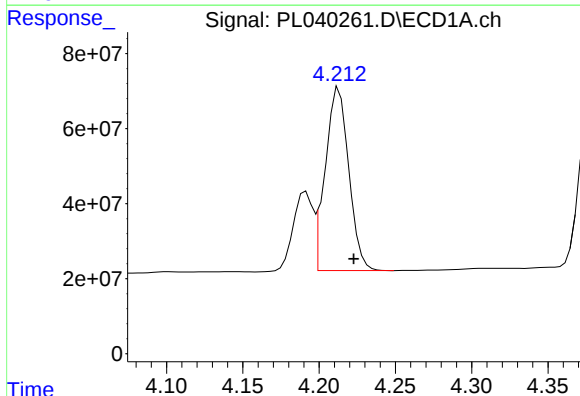
Manual Integrations  
APPROVED

Sohil  
9/25/2018 3:49:57 PM



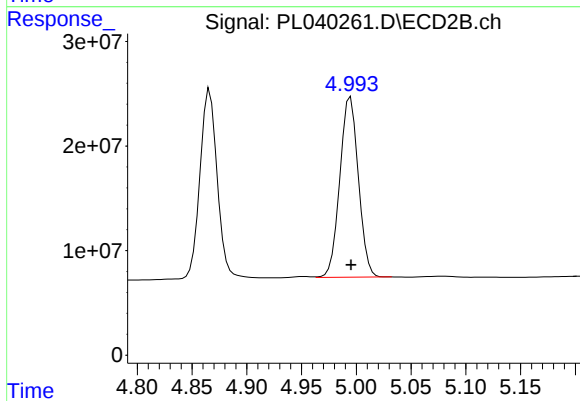
#3 gamma-BHC (Lindane)

R.T.: 4.493 min  
Delta R.T.: 0.000 min  
Response: 198327648  
Conc: 44.92 ng/ml



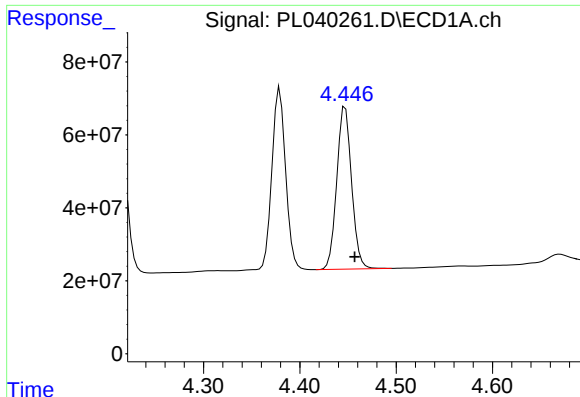
#4 Heptachlor

R.T.: 4.213 min  
Delta R.T.: -0.010 min  
Response: 523254232  
Conc: 45.54 ng/ml



#4 Heptachlor

R.T.: 4.995 min  
Delta R.T.: 0.000 min  
Response: 203154590  
Conc: 45.65 ng/ml



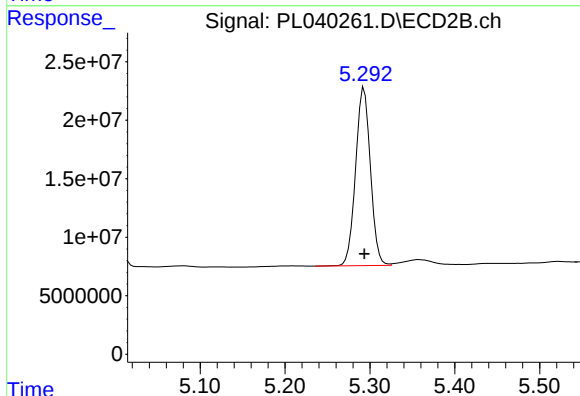
#5 Aldrin

R.T.: 4.447 min  
Delta R.T.: -0.010 min  
Response: 475673398  
Conc: 45.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

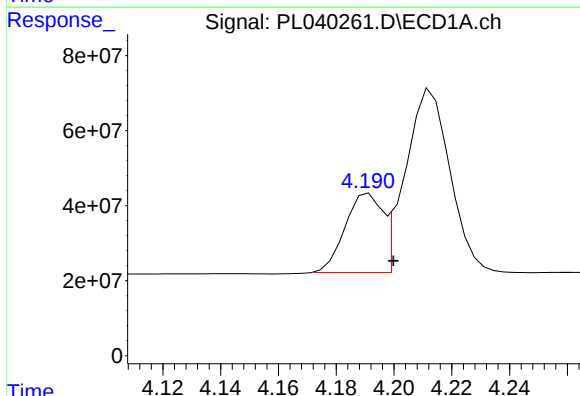
Manual Integrations  
APPROVED

Sohil  
9/25/2018 3:49:57 PM



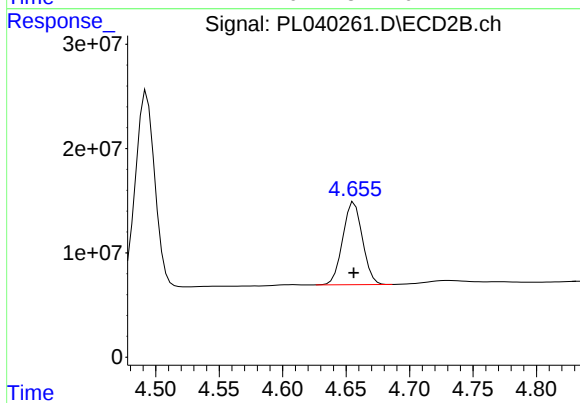
#5 Aldrin

R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 184555271  
Conc: 45.22 ng/ml



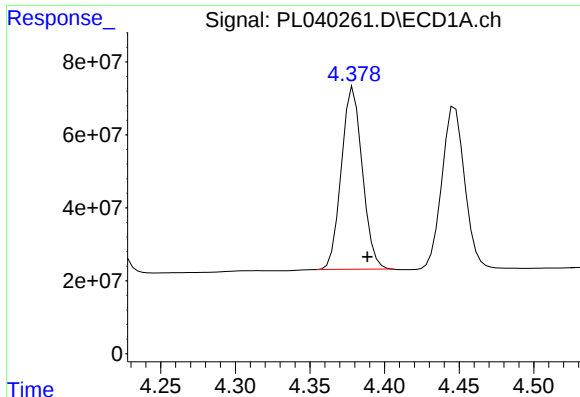
#6 beta-BHC

R.T.: 4.191 min  
Delta R.T.: -0.008 min  
Response: 187623330  
Conc: 42.69 ng/ml



#6 beta-BHC

R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 85494304  
Conc: 43.31 ng/ml



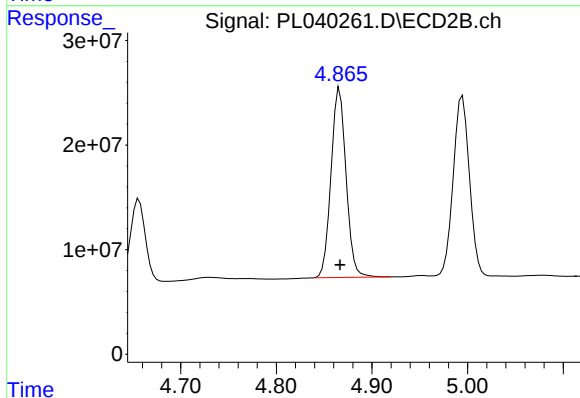
#7 delta-BHC

R.T.: 4.378 min  
Delta R.T.: -0.011 min  
Response: 490481982  
Conc: 43.95 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

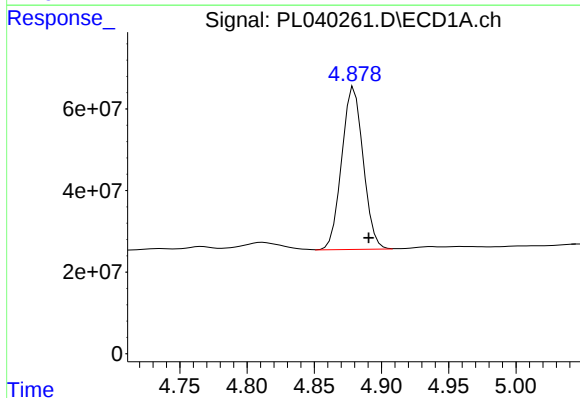
Manual Integrations  
APPROVED

Sohil  
9/25/2018 3:49:57 PM



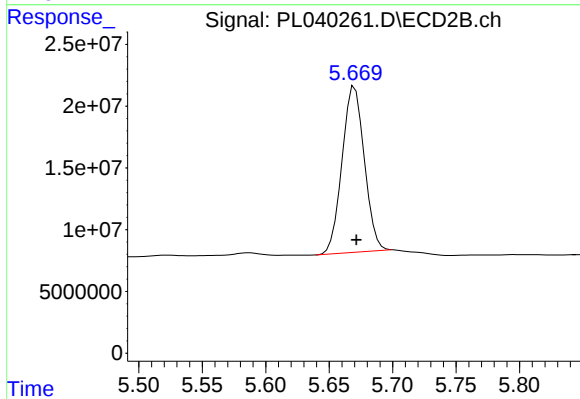
#7 delta-BHC

R.T.: 4.866 min  
Delta R.T.: 0.000 min  
Response: 197476287  
Conc: 43.66 ng/ml



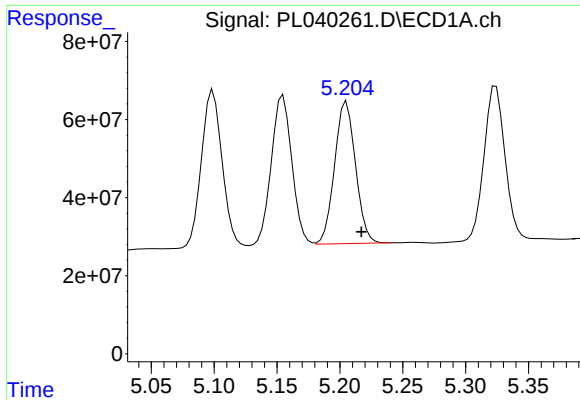
#8 Heptachlor epoxide

R.T.: 4.878 min  
Delta R.T.: -0.012 min  
Response: 442508021  
Conc: 43.53 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.670 min  
Delta R.T.: -0.001 min  
Response: 164501374  
Conc: 44.56 ng/ml



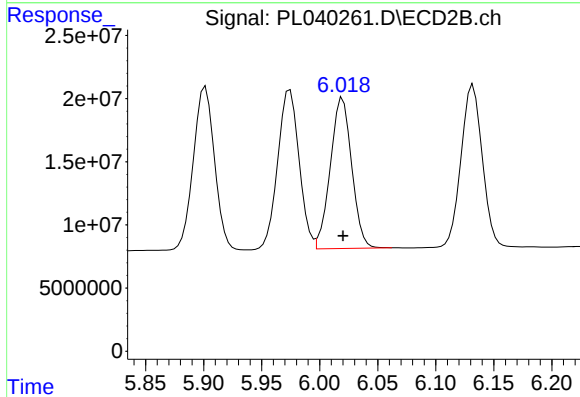
#9 Endosulfan I

R.T.: 5.205 min  
Delta R.T.: -0.012 min  
Response: 422210392  
Conc: 42.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

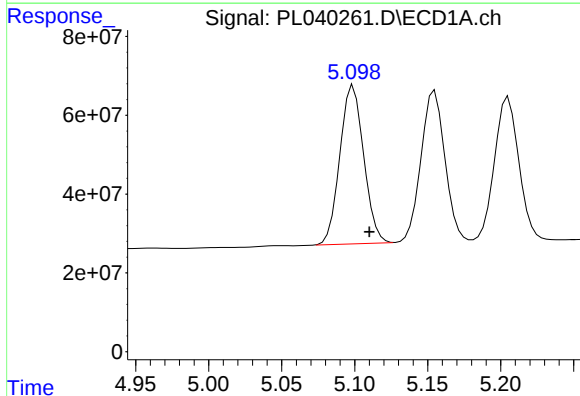
Manual Integrations  
APPROVED

Sohil  
9/25/2018 3:49:57 PM



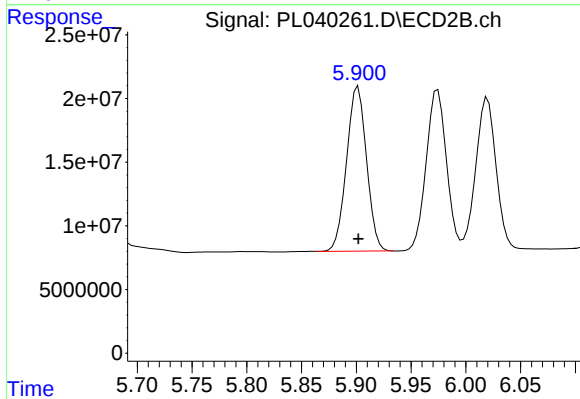
#9 Endosulfan I

R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 153229732  
Conc: 43.24 ng/ml



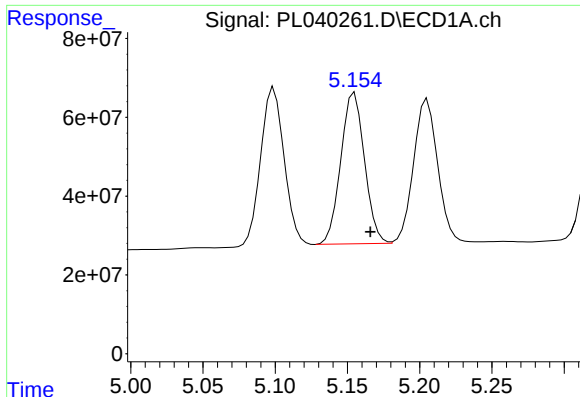
#10 gamma-Chlordane

R.T.: 5.098 min  
Delta R.T.: -0.012 min  
Response: 457411250  
Conc: 42.36 ng/ml m



#10 gamma-Chlordane

R.T.: 5.900 min  
Delta R.T.: -0.002 min  
Response: 164100315  
Conc: 42.62 ng/ml m



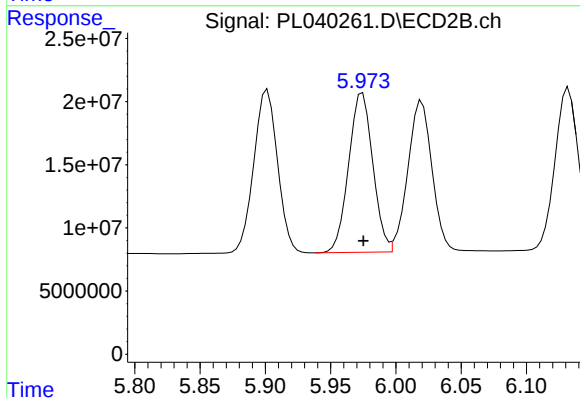
#11 alpha-Chlordane

R.T.: 5.155 min  
Delta R.T.: -0.011 min  
Response: 436869499  
Conc: 41.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

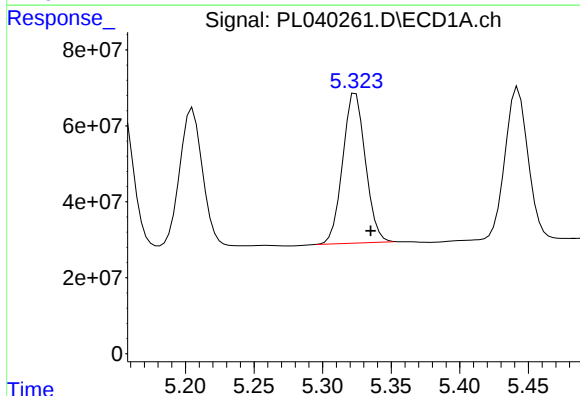
Manual Integrations  
APPROVED

Sohil  
9/25/2018 3:49:57 PM



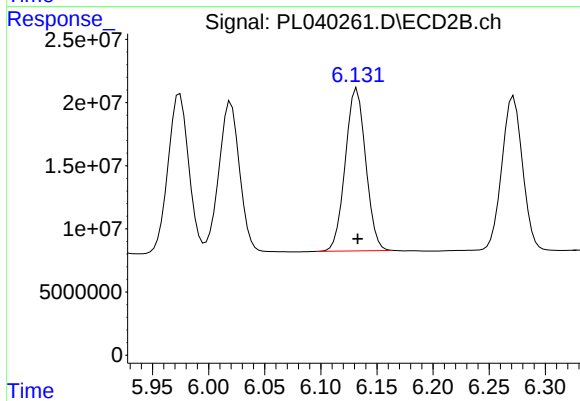
#11 alpha-Chlordane

R.T.: 5.974 min  
Delta R.T.: 0.000 min  
Response: 162415576  
Conc: 42.71 ng/ml



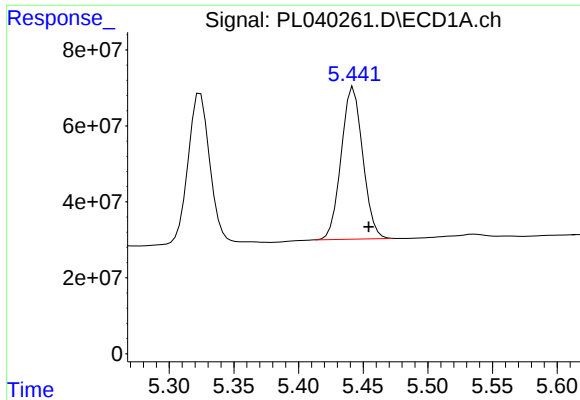
#12 4,4'-DDE

R.T.: 5.323 min  
Delta R.T.: -0.012 min  
Response: 455735588  
Conc: 43.24 ng/ml m



#12 4,4'-DDE

R.T.: 6.132 min  
Delta R.T.: 0.000 min  
Response: 162935134  
Conc: 43.00 ng/ml



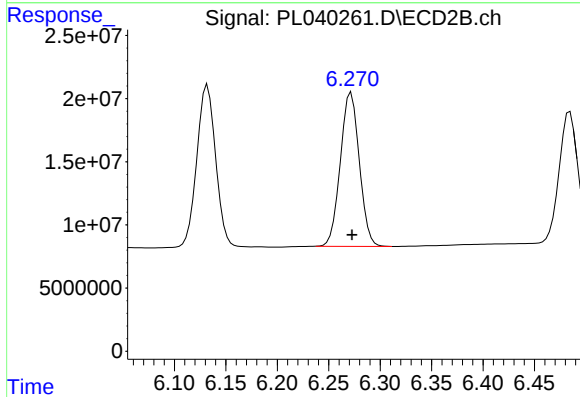
#13 Dieldrin

R.T.: 5.441 min  
Delta R.T.: -0.013 min  
Response: 463832193  
Conc: 43.51 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

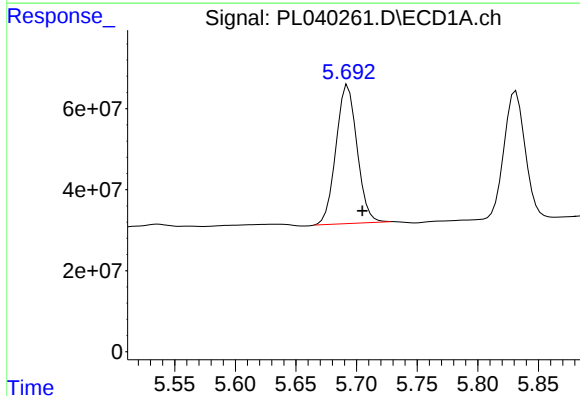
Manual Integrations  
APPROVED

Sohil  
9/25/2018 3:49:57 PM



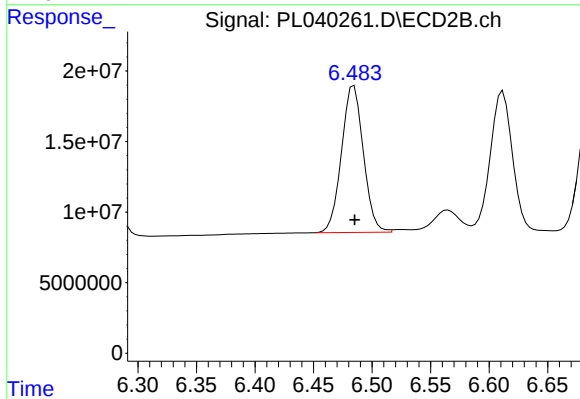
#13 Dieldrin

R.T.: 6.272 min  
Delta R.T.: 0.000 min  
Response: 156517893  
Conc: 42.98 ng/ml



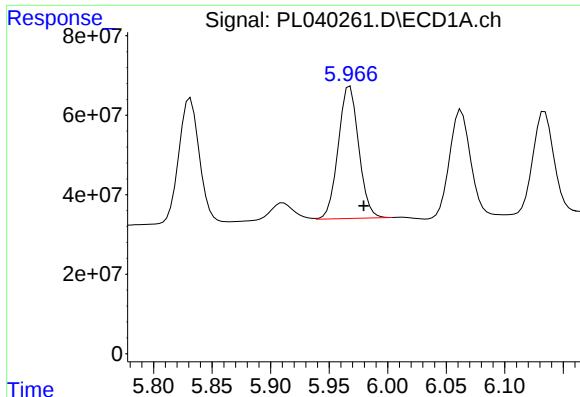
#14 Endrin

R.T.: 5.691 min  
Delta R.T.: -0.013 min  
Response: 413683440  
Conc: 42.02 ng/ml m



#14 Endrin

R.T.: 6.484 min  
Delta R.T.: 0.000 min  
Response: 135045901  
Conc: 42.31 ng/ml



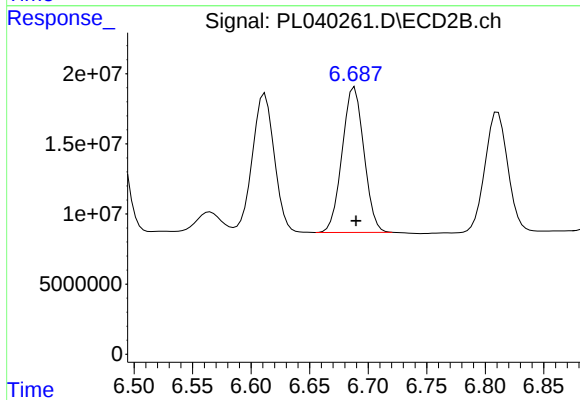
#15 Endosulfan II

R.T.: 5.968 min  
Delta R.T.: -0.012 min  
Response: 405408866  
Conc: 39.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

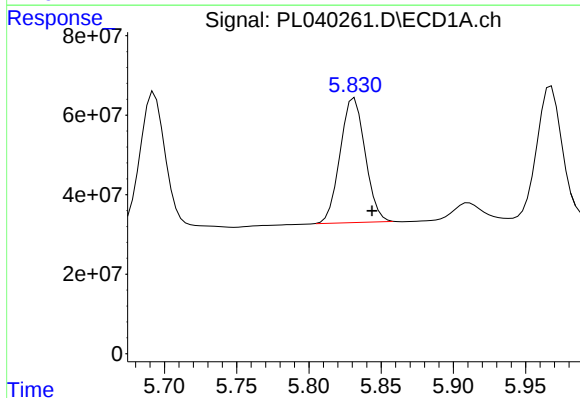
Manual Integrations  
APPROVED

Sohil  
9/25/2018 3:49:57 PM



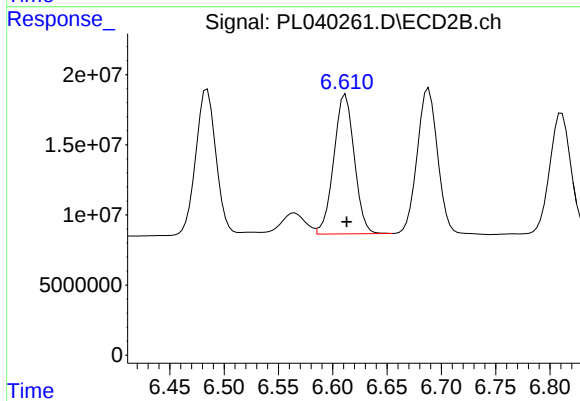
#15 Endosulfan II

R.T.: 6.688 min  
Delta R.T.: -0.001 min  
Response: 134159595  
Conc: 43.12 ng/ml



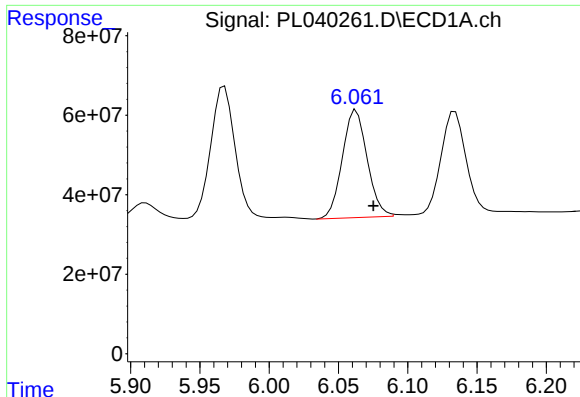
#16 4,4'-DDD

R.T.: 5.830 min  
Delta R.T.: -0.013 min  
Response: 376819449  
Conc: 43.60 ng/ml m



#16 4,4'-DDD

R.T.: 6.612 min  
Delta R.T.: -0.001 min  
Response: 130727148  
Conc: 40.82 ng/ml



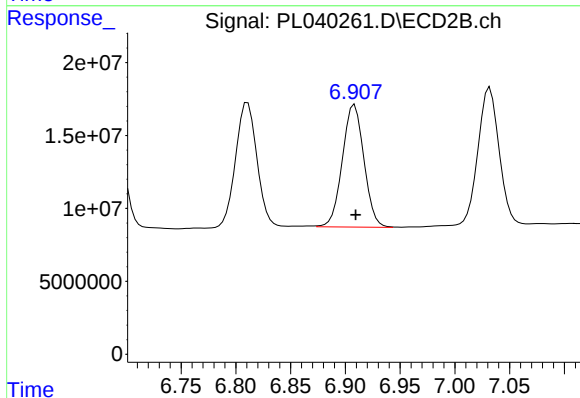
#17 4,4'-DDT

R.T.: 6.061 min  
Delta R.T.: -0.014 min  
Response: 339377253  
Conc: 40.14 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

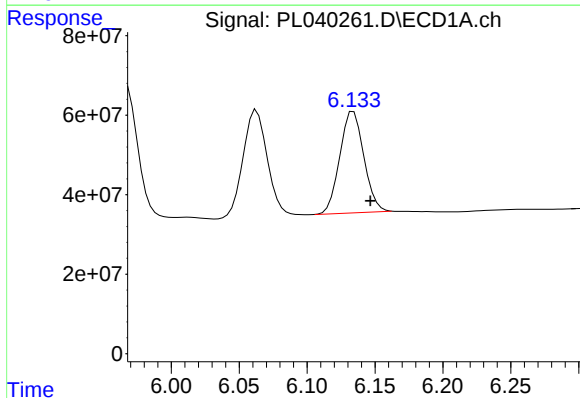
Manual Integrations  
APPROVED

Sohil  
9/25/2018 3:49:57 PM



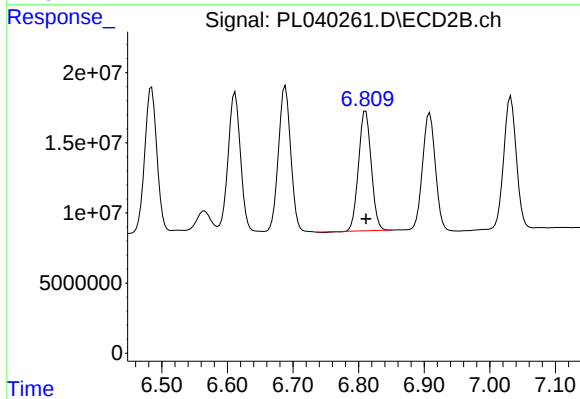
#17 4,4'-DDT

R.T.: 6.907 min  
Delta R.T.: -0.003 min  
Response: 115070637  
Conc: 40.29 ng/ml m



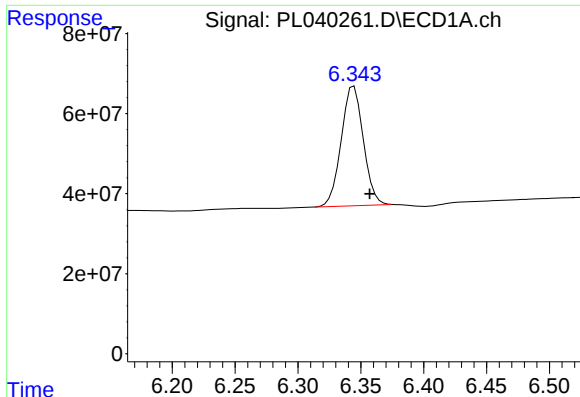
#18 Endrin aldehyde

R.T.: 6.133 min  
Delta R.T.: -0.014 min  
Response: 315180863  
Conc: 40.71 ng/ml m



#18 Endrin aldehyde

R.T.: 6.811 min  
Delta R.T.: 0.000 min  
Response: 114755174  
Conc: 41.86 ng/ml



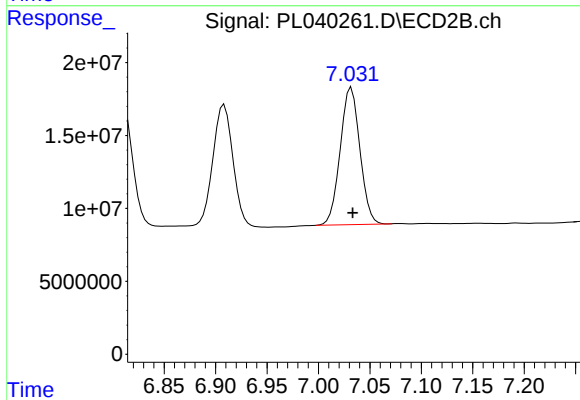
#19 Endosulfan Sulfate

R.T.: 6.343 min  
Delta R.T.: -0.014 min  
Response: 366617113  
Conc: 40.94 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

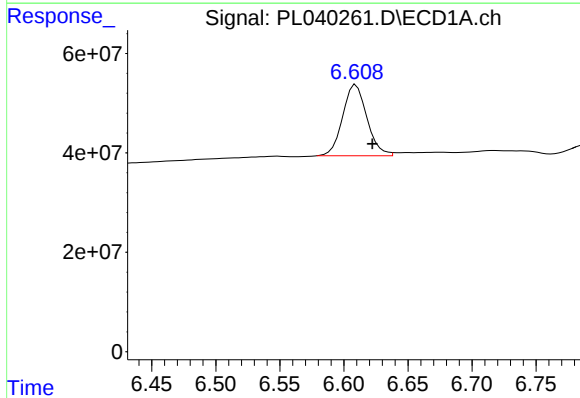
Manual Integrations  
APPROVED

Sohil  
9/25/2018 3:49:57 PM



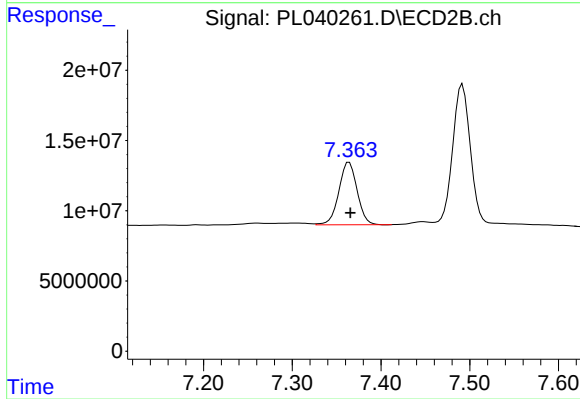
#19 Endosulfan Sulfate

R.T.: 7.032 min  
Delta R.T.: -0.001 min  
Response: 125367347  
Conc: 42.34 ng/ml



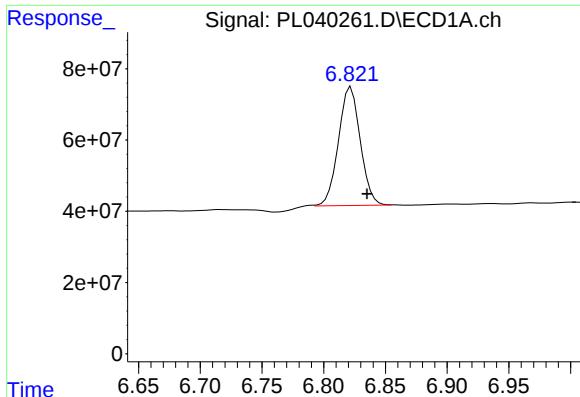
#20 Methoxychlor

R.T.: 6.608 min  
Delta R.T.: -0.014 min  
Response: 189990079  
Conc: 40.54 ng/ml m



#20 Methoxychlor

R.T.: 7.364 min  
Delta R.T.: -0.001 min  
Response: 64048925  
Conc: 42.05 ng/ml



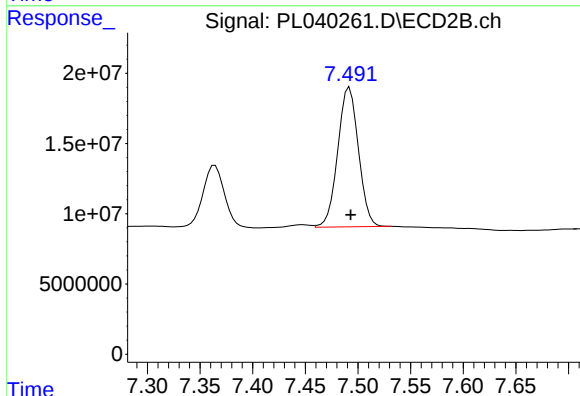
#21 Endrin ketone

R.T.: 6.821 min  
Delta R.T.: -0.014 min  
Response: 408917419  
Conc: 41.84 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

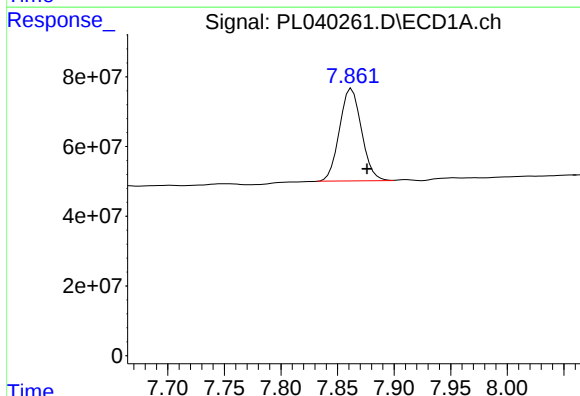
Manual Integrations  
APPROVED

Sohil  
9/25/2018 3:49:57 PM



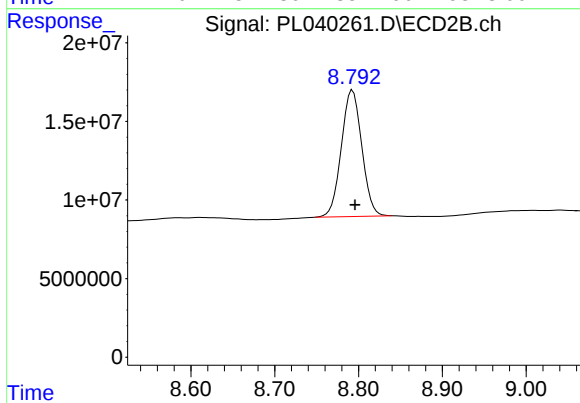
#21 Endrin ketone

R.T.: 7.492 min  
Delta R.T.: -0.001 min  
Response: 136225174  
Conc: 46.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.861 min  
Delta R.T.: -0.015 min  
Response: 359559668  
Conc: 40.60 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.793 min  
Delta R.T.: -0.003 min  
Response: 136794598  
Conc: 42.75 ng/ml