

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120718\  
 Data File : PL042893.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Dec 2018 17:40  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

mohammad  
 12/10/2018 11:39:05 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 07 18:03:49 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... | 3.465 | 4.099 | 315.8E6 | 161.8E6  | 51.485 | 54.588  |
| 28)                         | SA Decachlor... | 8.200 | 9.226 | 322.2E6 | 137.6E6  | 49.344 | 52.763  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.904 | 4.494 | 496.2E6 | 248.5E6  | 52.486 | 54.945  |
| 3)                          | MA gamma-BHC... | 4.187 | 4.783 | 452.3E6 | 227.7E6  | 52.380 | 54.283  |
| 4)                          | MA Heptachlor   | 4.482 | 5.298 | 438.4E6 | 209.8E6  | 49.407 | 51.227  |
| 5)                          | MB Aldrin       | 4.728 | 5.606 | 444.8E6 | 220.9E6  | 52.463 | 54.121  |
| 6)                          | B beta-BHC      | 4.441 | 4.952 | 187.2E6 | 94118786 | 50.764 | 55.595  |
| 7)                          | B delta-BHC     | 4.643 | 5.172 | 431.0E6 | 222.6E6  | 53.225 | 51.790  |
| 8)                          | B Heptachlo...  | 5.171 | 5.994 | 408.0E6 | 201.5E6  | 51.469 | 53.148  |
| 9)                          | A Endosulfan I  | 5.508 | 6.354 | 376.5E6 | 183.4E6  | 51.392 | 54.017  |
| 10)                         | B gamma-Chl...  | 5.397 | 6.228 | 413.0E6 | 199.2E6  | 51.225 | 54.219m |
| 11)                         | B alpha-Chl...  | 5.454 | 6.302 | 402.6E6 | 192.7E6  | 50.705 | 53.569  |
| 12)                         | B 4,4'-DDE      | 5.621 | 6.457 | 366.2E6 | 195.1E6  | 52.890 | 53.833  |
| 13)                         | MA Dieldrin     | 5.751 | 6.612 | 403.2E6 | 197.9E6  | 51.858 | 54.571  |
| 14)                         | MA Endrin       | 6.008 | 6.832 | 299.7E6 | 133.0E6  | 41.624 | 42.596  |
| 15)                         | B Endosulfa...  | 6.283 | 7.040 | 346.1E6 | 165.3E6  | 52.034 | 54.579  |
| 16)                         | A 4,4'-DDD      | 6.136 | 6.948 | 328.4E6 | 167.5E6  | 57.911 | 57.102  |
| 17)                         | MA 4,4'-DDT     | 6.374 | 7.249 | 252.5E6 | 126.5E6  | 42.453 | 43.073  |
| 18)                         | B Endrin al...  | 6.450 | 7.164 | 290.8E6 | 139.1E6  | 52.778 | 55.461  |
| 19)                         | B Endosulfa...  | 6.663 | 7.388 | 344.6E6 | 162.8E6  | 51.449 | 54.138  |
| 20)                         | A Methoxychlor  | 6.920 | 7.704 | 139.4E6 | 63736233 | 41.536 | 42.257  |
| 21)                         | B Endrin ke...  | 7.152 | 7.862 | 409.6E6 | 176.6E6  | 56.648 | 57.768  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120718\  
Data File : PL042893.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Dec 2018 17:40  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

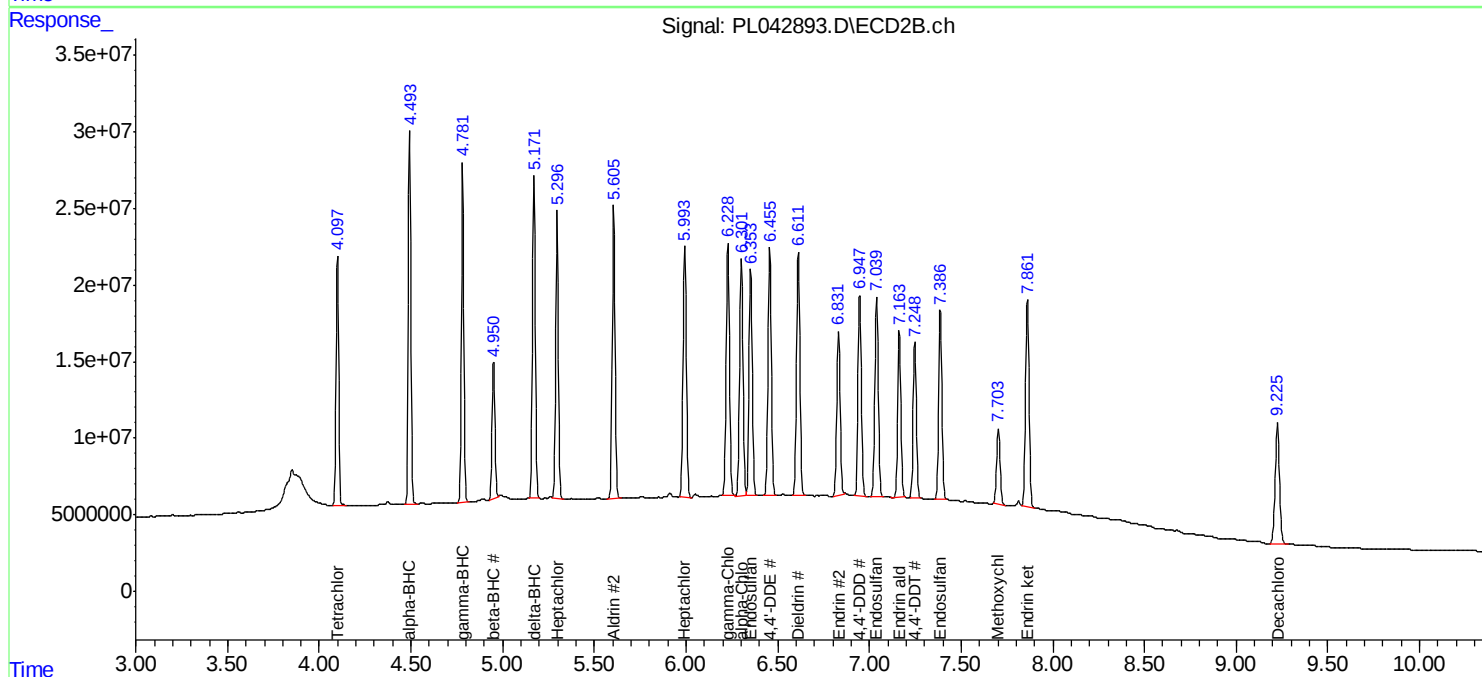
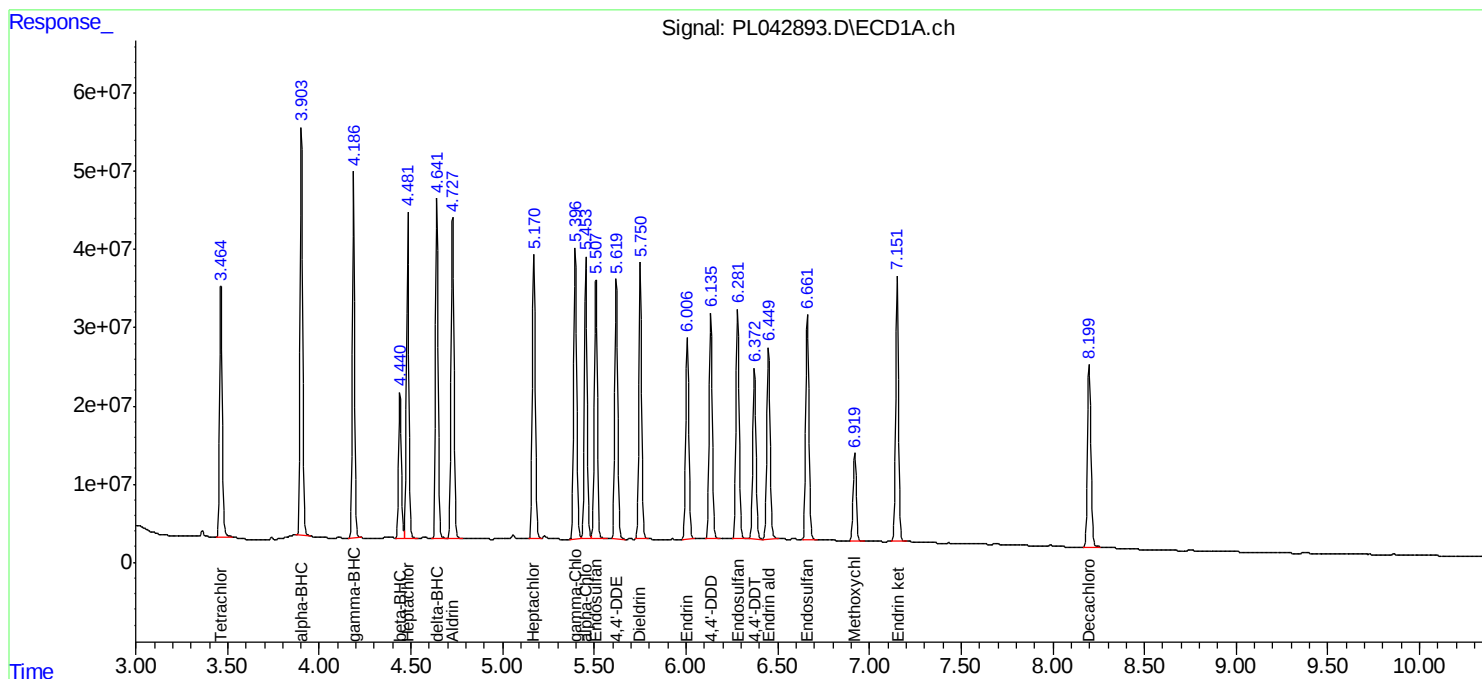
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

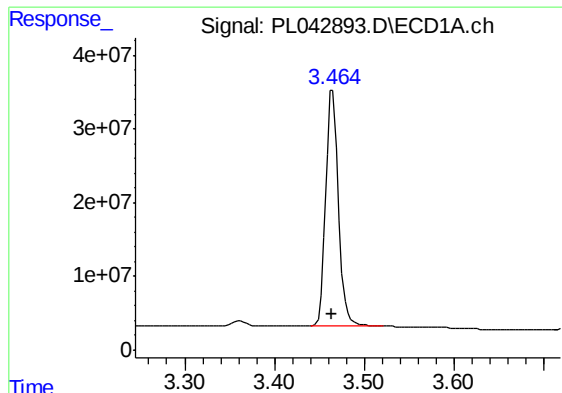
Manual Integrations  
APPROVED

mohammad  
12/10/2018 11:39:05 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 07 18:03:49 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





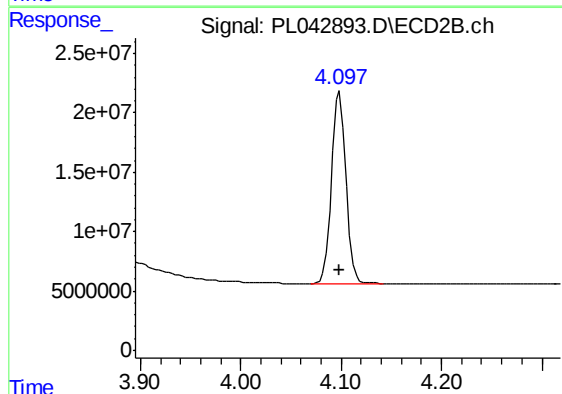
#1 Tetrachloro-m-xylene

R.T.: 3.465 min  
Delta R.T.: 0.000 min  
Response: 315752797  
Conc: 51.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

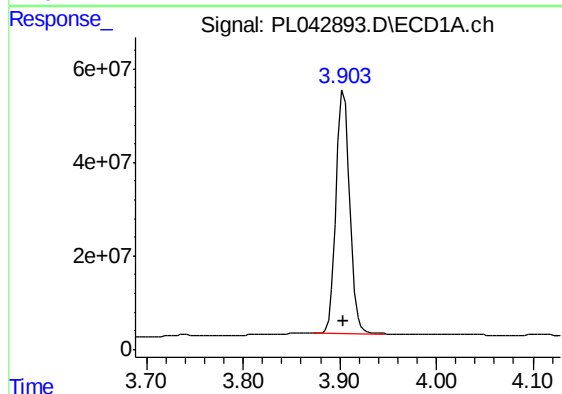
Manual Integrations  
APPROVED

mohammad  
12/10/2018 11:39:05 AM



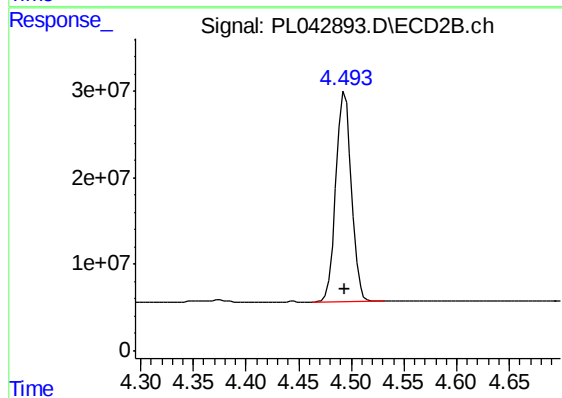
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 161793572  
Conc: 54.59 ng/ml



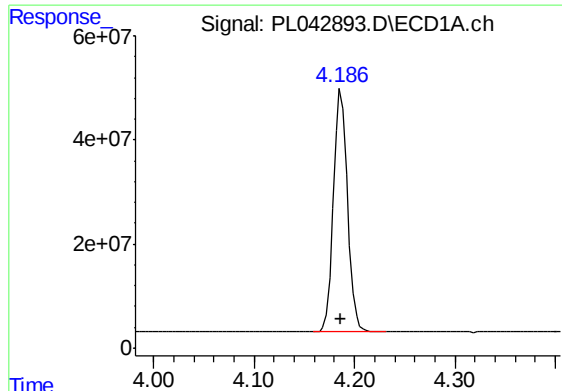
#2 alpha-BHC

R.T.: 3.904 min  
Delta R.T.: 0.000 min  
Response: 496168516  
Conc: 52.49 ng/ml



#2 alpha-BHC

R.T.: 4.494 min  
Delta R.T.: 0.000 min  
Response: 248541315  
Conc: 54.94 ng/ml



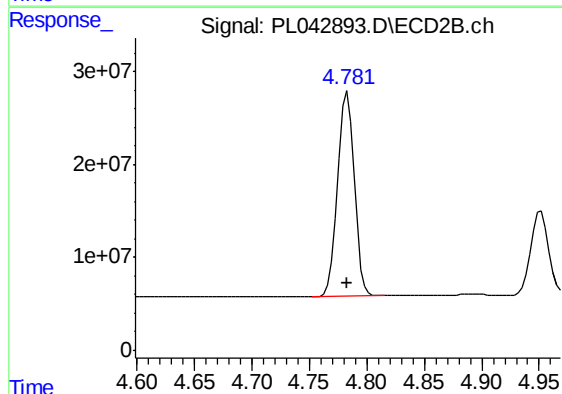
#3 gamma-BHC (Lindane)

R.T.: 4.187 min  
Delta R.T.: 0.000 min  
Response: 452279339  
Conc: 52.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

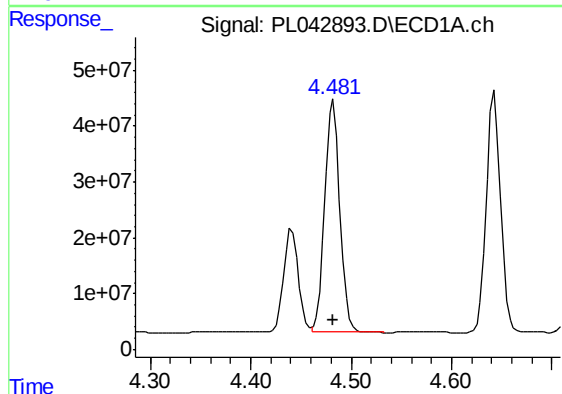
Manual Integrations  
APPROVED

mohammad  
12/10/2018 11:39:05 AM



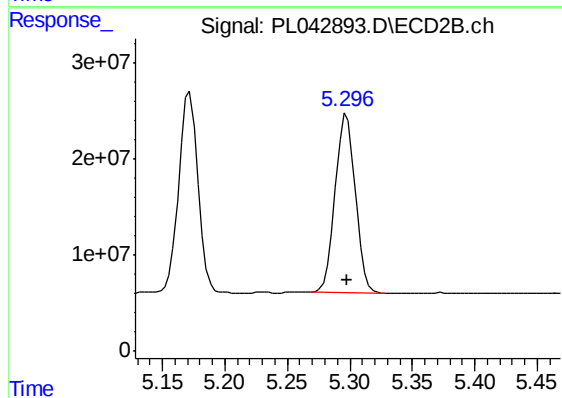
#3 gamma-BHC (Lindane)

R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 227672265  
Conc: 54.28 ng/ml



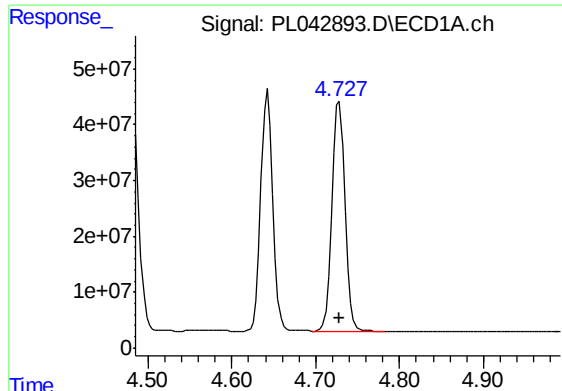
#4 Heptachlor

R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 438367247  
Conc: 49.41 ng/ml



#4 Heptachlor

R.T.: 5.298 min  
Delta R.T.: 0.000 min  
Response: 209843415  
Conc: 51.23 ng/ml



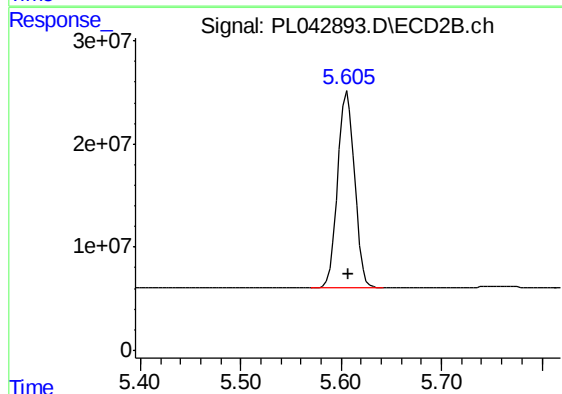
#5 Aldrin

R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 444811455  
Conc: 52.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

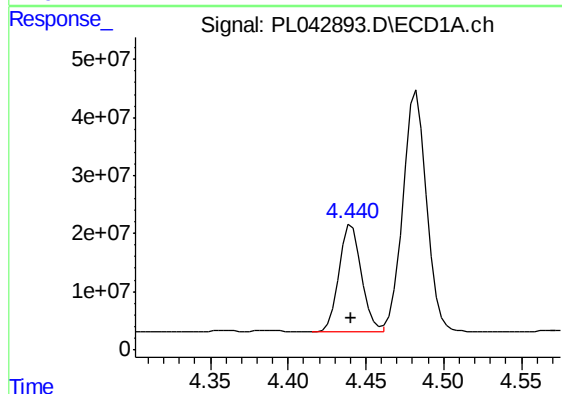
Manual Integrations  
APPROVED

mohammad  
12/10/2018 11:39:05 AM



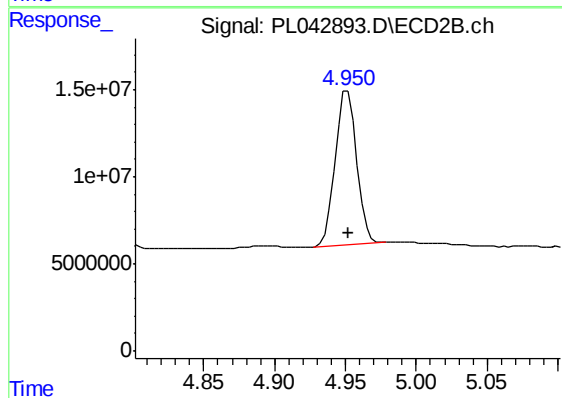
#5 Aldrin

R.T.: 5.606 min  
Delta R.T.: 0.000 min  
Response: 220921907  
Conc: 54.12 ng/ml



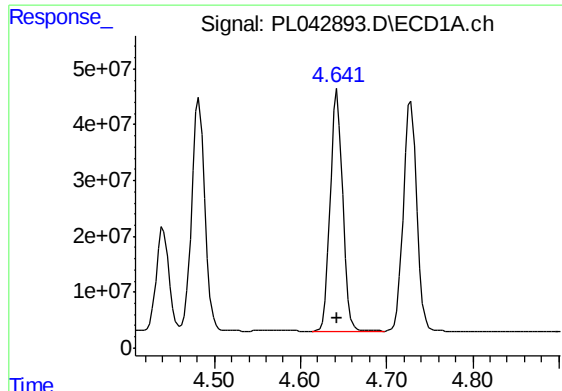
#6 beta-BHC

R.T.: 4.441 min  
Delta R.T.: 0.000 min  
Response: 187241411  
Conc: 50.76 ng/ml



#6 beta-BHC

R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 94118786  
Conc: 55.60 ng/ml



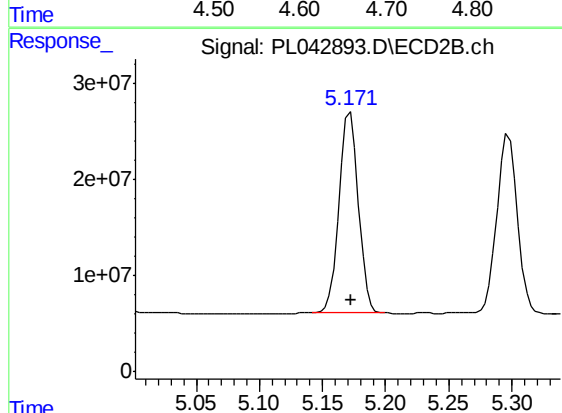
#7 delta-BHC

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 431027616  
Conc: 53.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

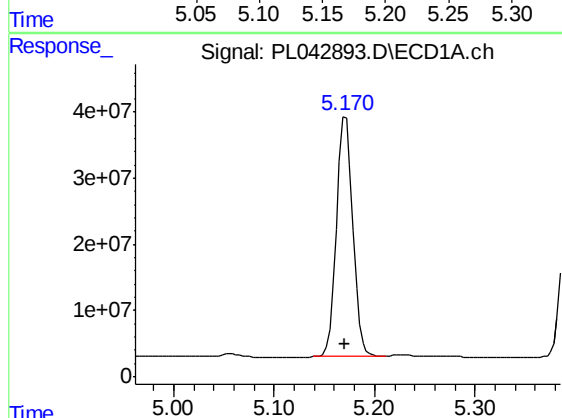
Manual Integrations  
APPROVED

mohammad  
12/10/2018 11:39:05 AM



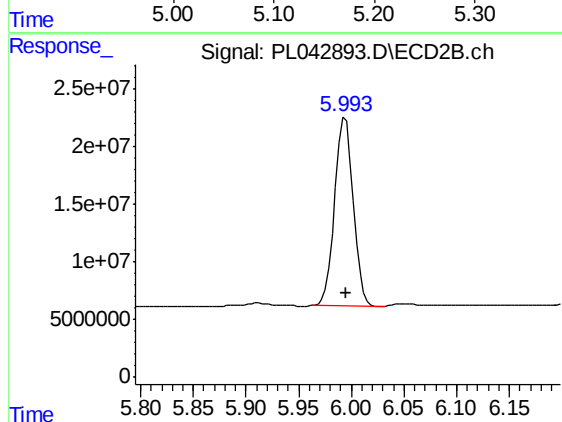
#7 delta-BHC

R.T.: 5.172 min  
Delta R.T.: 0.000 min  
Response: 222570002  
Conc: 51.79 ng/ml



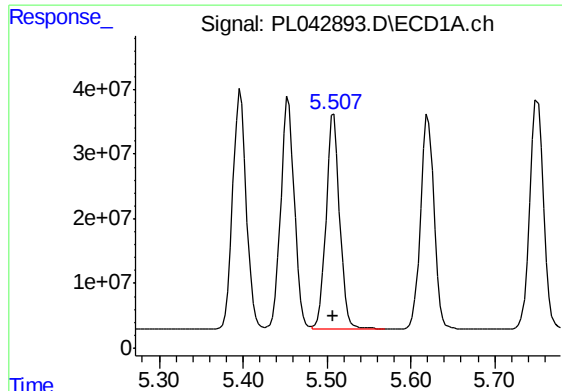
#8 Heptachlor epoxide

R.T.: 5.171 min  
Delta R.T.: 0.000 min  
Response: 407985705  
Conc: 51.47 ng/ml



#8 Heptachlor epoxide

R.T.: 5.994 min  
Delta R.T.: 0.000 min  
Response: 201538274  
Conc: 53.15 ng/ml



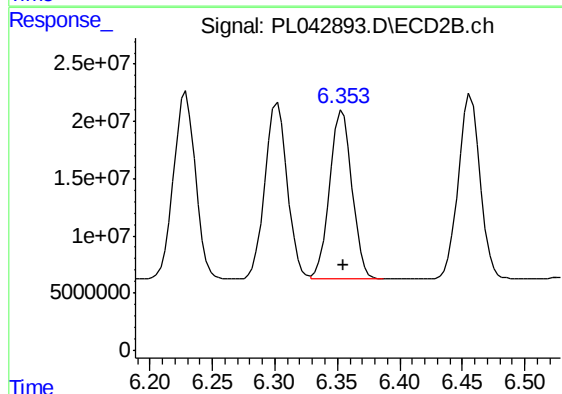
#9 Endosulfan I

R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 376485699  
Conc: 51.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

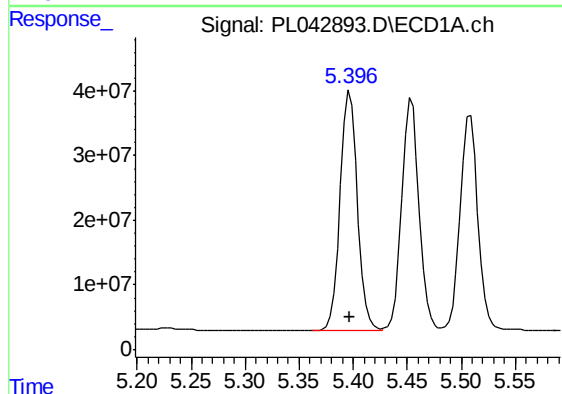
Manual Integrations  
APPROVED

mohammad  
12/10/2018 11:39:05 AM



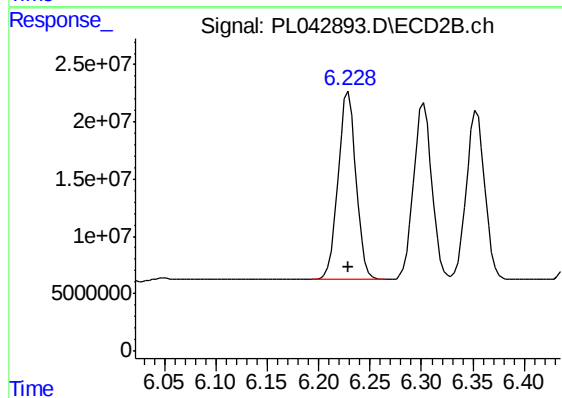
#9 Endosulfan I

R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 183406044  
Conc: 54.02 ng/ml



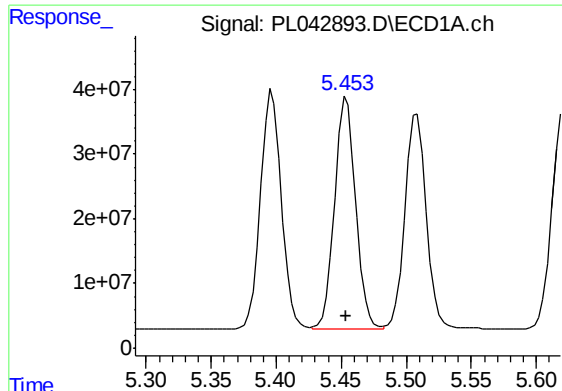
#10 gamma-Chlordane

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 412961474  
Conc: 51.22 ng/ml



#10 gamma-Chlordane

R.T.: 6.228 min  
Delta R.T.: -0.002 min  
Response: 199178581  
Conc: 54.22 ng/ml m



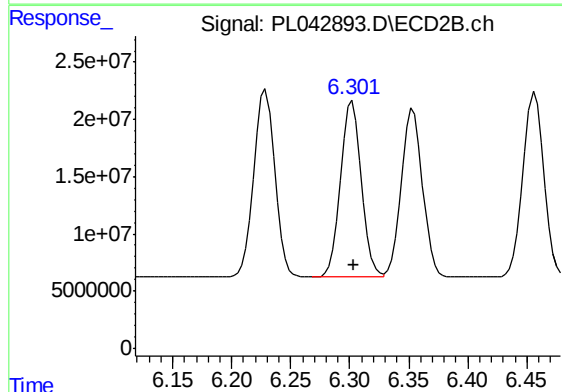
#11 alpha-Chlordane

R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 402557086  
Conc: 50.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

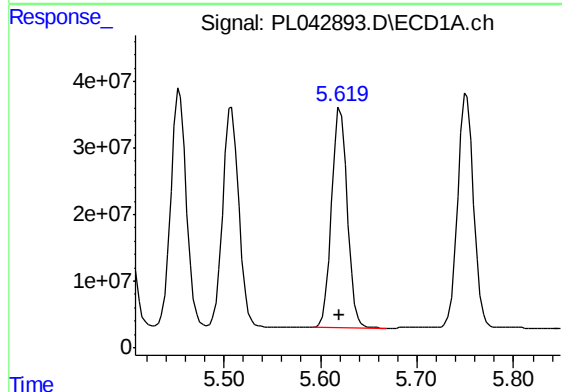
Manual Integrations  
APPROVED

mohammad  
12/10/2018 11:39:05 AM



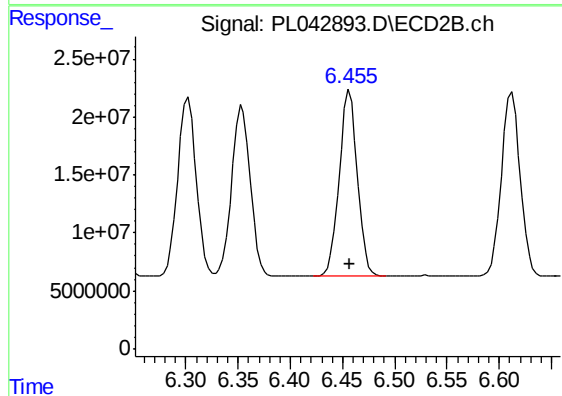
#11 alpha-Chlordane

R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 192655452  
Conc: 53.57 ng/ml



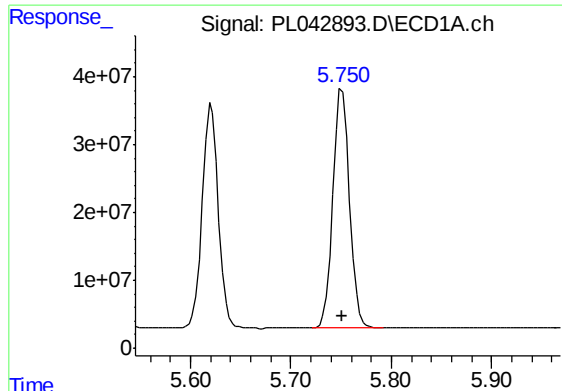
#12 4,4'-DDE

R.T.: 5.621 min  
Delta R.T.: 0.000 min  
Response: 366155568  
Conc: 52.89 ng/ml



#12 4,4'-DDE

R.T.: 6.457 min  
Delta R.T.: 0.000 min  
Response: 195077040  
Conc: 53.83 ng/ml



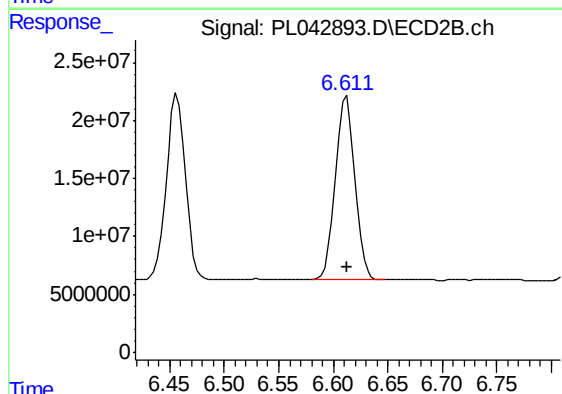
#13 Dieldrin

R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 403184247  
Conc: 51.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

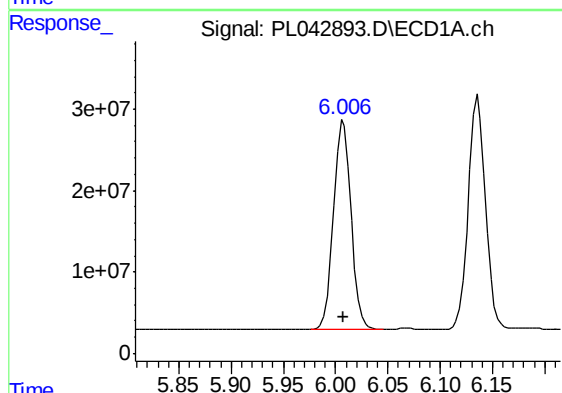
Manual Integrations  
APPROVED

mohammad  
12/10/2018 11:39:05 AM



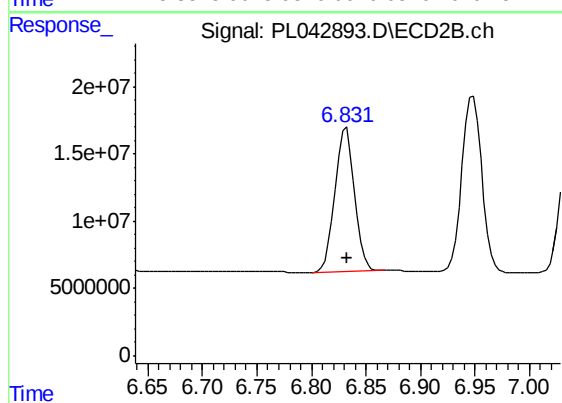
#13 Dieldrin

R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 197855495  
Conc: 54.57 ng/ml



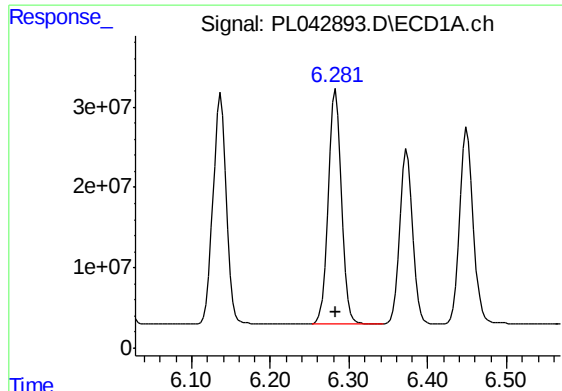
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 299716826  
Conc: 41.62 ng/ml



#14 Endrin

R.T.: 6.832 min  
Delta R.T.: 0.000 min  
Response: 132982474  
Conc: 42.60 ng/ml



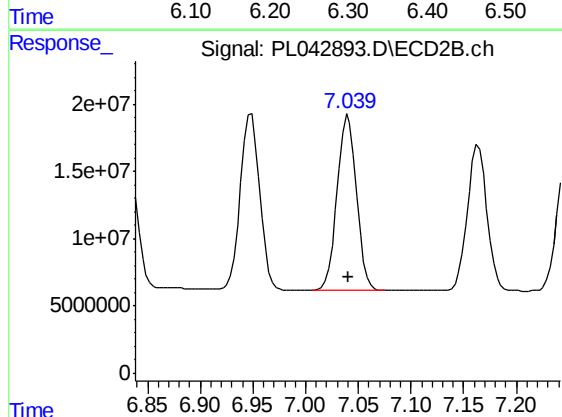
#15 Endosulfan II

R.T.: 6.283 min  
Delta R.T.: 0.000 min  
Response: 346136336  
Conc: 52.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

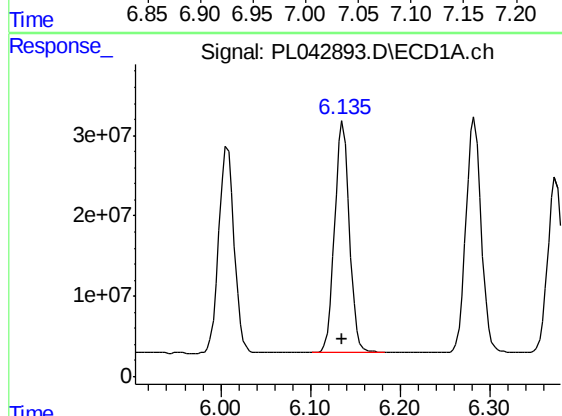
Manual Integrations  
APPROVED

mohammad  
12/10/2018 11:39:05 AM



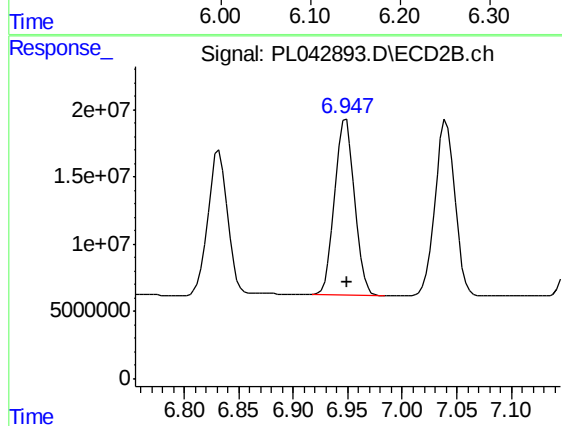
#15 Endosulfan II

R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 165258342  
Conc: 54.58 ng/ml



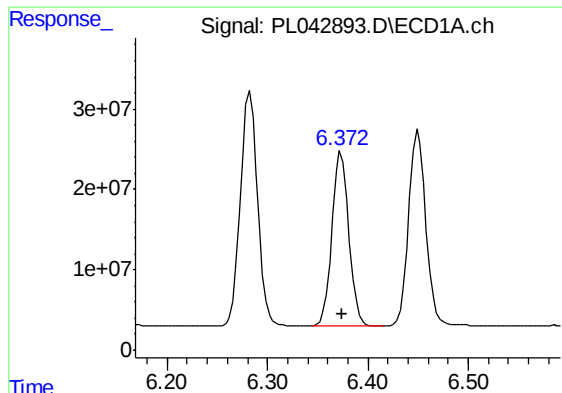
#16 4,4'-DDD

R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 328416246  
Conc: 57.91 ng/ml



#16 4,4'-DDD

R.T.: 6.948 min  
Delta R.T.: -0.001 min  
Response: 167456931  
Conc: 57.10 ng/ml



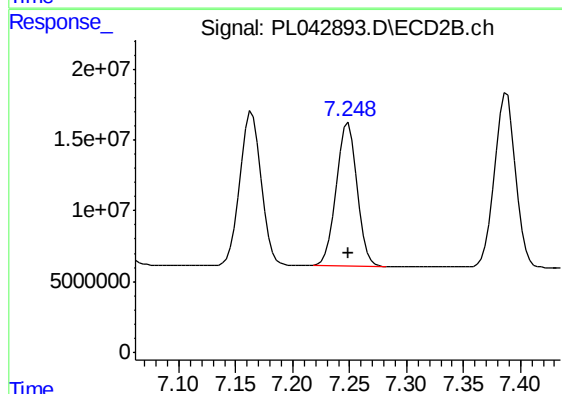
#17 4,4'-DDT

R.T.: 6.374 min  
Delta R.T.: 0.000 min  
Response: 252548337  
Conc: 42.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

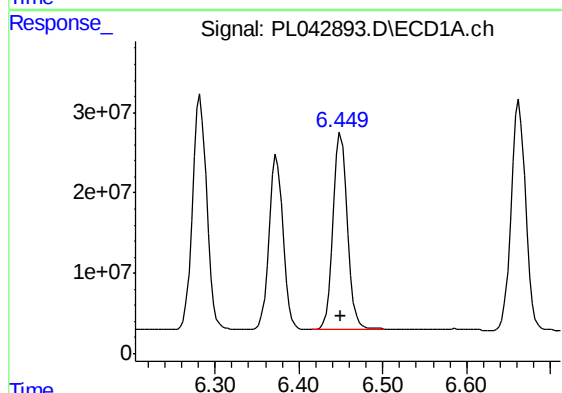
Manual Integrations  
APPROVED

mohammad  
12/10/2018 11:39:05 AM



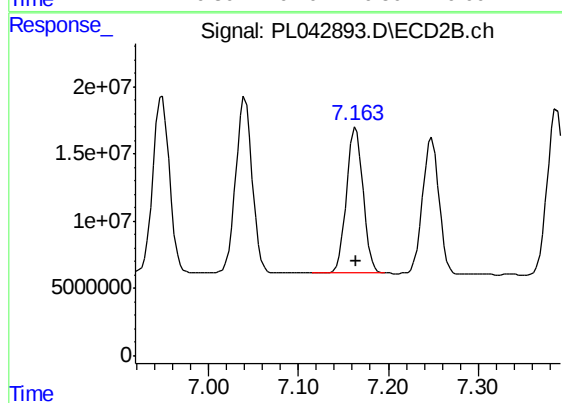
#17 4,4'-DDT

R.T.: 7.249 min  
Delta R.T.: 0.000 min  
Response: 126508311  
Conc: 43.07 ng/ml



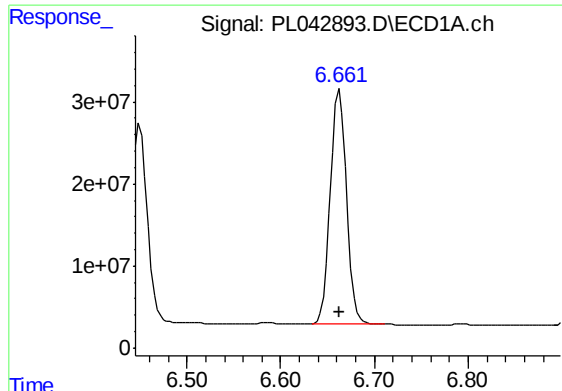
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 290840633  
Conc: 52.78 ng/ml



#18 Endrin aldehyde

R.T.: 7.164 min  
Delta R.T.: 0.000 min  
Response: 139113173  
Conc: 55.46 ng/ml



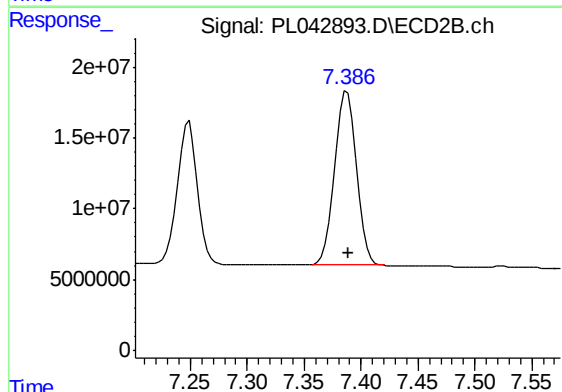
#19 Endosulfan Sulfate

R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 344647150  
Conc: 51.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

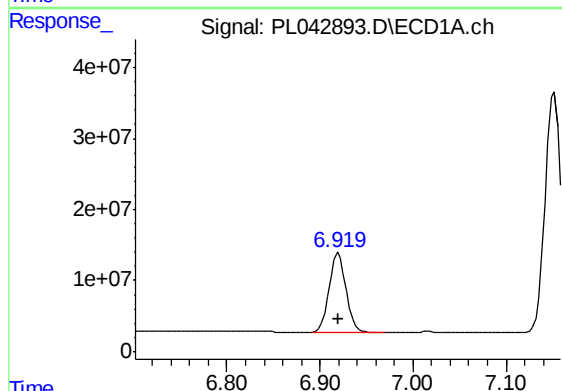
Manual Integrations  
APPROVED

mohammad  
12/10/2018 11:39:05 AM



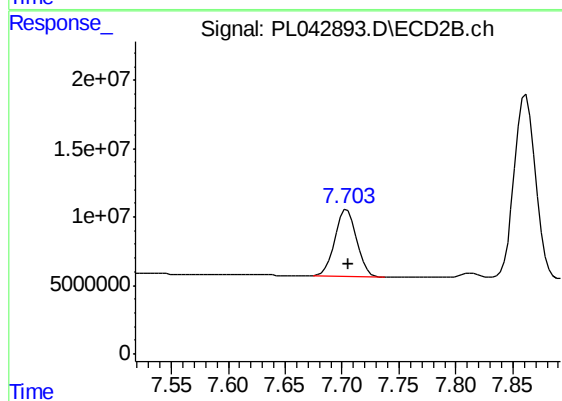
#19 Endosulfan Sulfate

R.T.: 7.388 min  
Delta R.T.: 0.000 min  
Response: 162769601  
Conc: 54.14 ng/ml



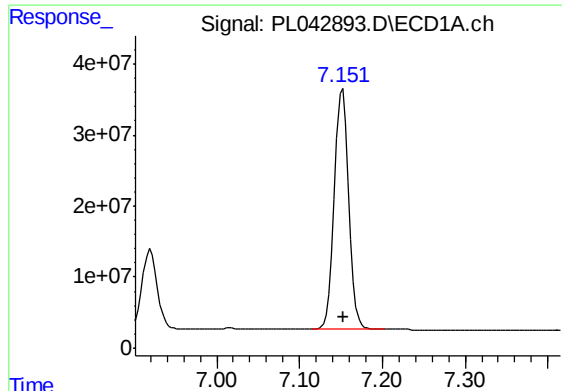
#20 Methoxychlor

R.T.: 6.920 min  
Delta R.T.: 0.000 min  
Response: 139368961  
Conc: 41.54 ng/ml



#20 Methoxychlor

R.T.: 7.704 min  
Delta R.T.: -0.001 min  
Response: 63736233  
Conc: 42.26 ng/ml



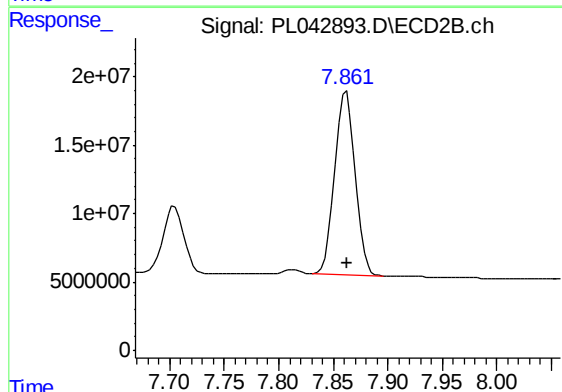
#21 Endrin ketone

R.T.: 7.152 min  
Delta R.T.: 0.000 min  
Response: 409604645  
Conc: 56.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

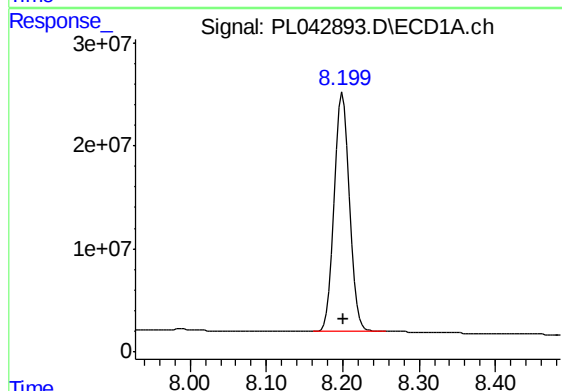
Manual Integrations  
APPROVED

mohammad  
12/10/2018 11:39:05 AM



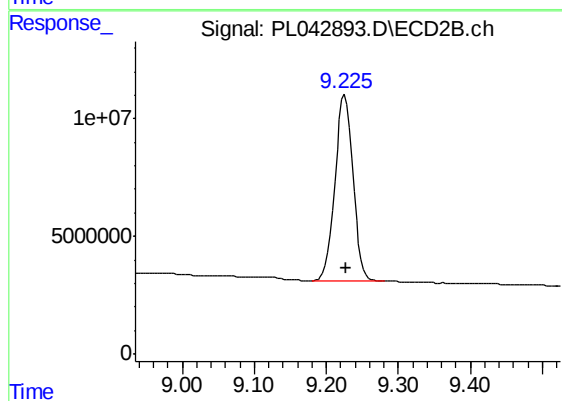
#21 Endrin ketone

R.T.: 7.862 min  
Delta R.T.: 0.000 min  
Response: 176575038  
Conc: 57.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.200 min  
Delta R.T.: -0.001 min  
Response: 322215827  
Conc: 49.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.226 min  
Delta R.T.: 0.000 min  
Response: 137632845  
Conc: 52.76 ng/ml