

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080619\  
 Data File : PL051095.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Aug 2019 13:25  
 Operator : SM\AJ  
 Sample : PB122004BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB122004BS

Manual Integrations  
 APPROVED

Ankita  
 8/7/2019 5:44:14 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 07 00:37:14 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|----------|--------|---------|
| -----                       |                 |       |       |         |          |        |         |
| System Monitoring Compounds |                 |       |       |         |          |        |         |
| 1)                          | SA Tetrachlo... | 3.318 | 3.928 | 197.3E6 | 53840019 | 19.638 | 18.870  |
| 28)                         | SA Decachlor... | 7.979 | 8.957 | 210.4E6 | 55434766 | 20.777 | 19.603  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.745 | 4.316 | 918.5E6 | 214.6E6  | 54.810 | 52.017  |
| 3)                          | MA gamma-BHC... | 4.021 | 4.599 | 865.3E6 | 205.1E6  | 56.252 | 52.956  |
| 4)                          | MA Heptachlor   | 4.305 | 5.100 | 923.2E6 | 218.6E6  | 56.267 | 52.723  |
| 5)                          | MB Aldrin       | 4.543 | 5.402 | 875.6E6 | 203.4E6  | 56.520 | 53.975  |
| 6)                          | B beta-BHC      | 4.276 | 4.776 | 364.2E6 | 94573882 | 55.547 | 54.703  |
| 7)                          | B delta-BHC     | 4.469 | 4.989 | 843.6E6 | 187.7E6  | 51.413 | 48.543  |
| 8)                          | B Heptachlor... | 4.979 | 5.790 | 829.1E6 | 195.6E6  | 56.123 | 51.141  |
| 9)                          | A Endosulfan I  | 5.308 | 6.145 | 797.9E6 | 184.6E6  | 54.862 | 53.682  |
| 10)                         | B gamma-Chl...  | 5.201 | 6.023 | 873.7E6 | 199.5E6  | 55.356 | 53.988  |
| 11)                         | B alpha-Chl...  | 5.256 | 6.095 | 841.8E6 | 197.8E6  | 55.178 | 53.972  |
| 12)                         | B 4,4'-DDE      | 5.424 | 6.255 | 844.1E6 | 197.8E6  | 56.329 | 54.885  |
| 13)                         | MA Dieldrin     | 5.547 | 6.401 | 858.2E6 | 194.4E6  | 55.380 | 54.895  |
| 14)                         | MA Endrin       | 5.800 | 6.618 | 755.9E6 | 156.2E6  | 51.350 | 50.370  |
| 15)                         | B Endosulfa...  | 6.075 | 6.830 | 749.7E6 | 173.0E6  | 53.567 | 54.422  |
| 16)                         | A 4,4'-DDD      | 5.935 | 6.744 | 684.0E6 | 155.4E6  | 57.080 | 58.358m |
| 17)                         | MA 4,4'-DDT     | 6.168 | 7.042 | 637.0E6 | 142.8E6  | 51.426 | 52.909  |
| 18)                         | B Endrin al...  | 6.242 | 6.953 | 615.8E6 | 147.3E6  | 53.376 | 54.203m |
| 19)                         | B Endosulfa...  | 6.453 | 7.177 | 658.1E6 | 155.0E6  | 51.659 | 53.667  |
| 20)                         | A Methoxychlor  | 6.713 | 7.503 | 317.4E6 | 78181914 | 50.868 | 53.284  |
| 21)                         | B Endrin ke...  | 6.935 | 7.645 | 768.5E6 | 169.8E6  | 56.187 | 58.737  |
| 22)                         | Mirex           | 7.108 | 8.093 | 486.7E6 | 117.6E6  | 49.637 | 51.189  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080619\  
Data File : PL051095.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2019 13:25  
Operator : SM\AJ  
Sample : PB122004BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

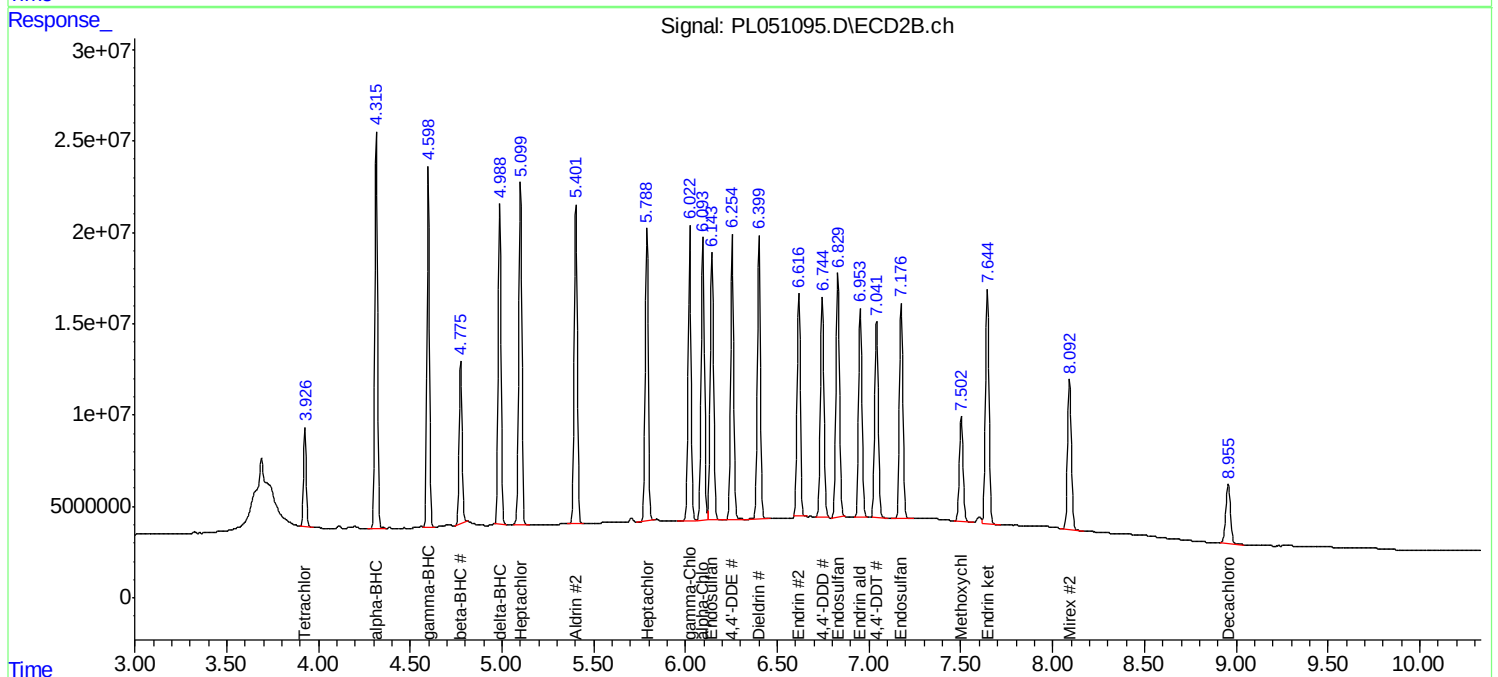
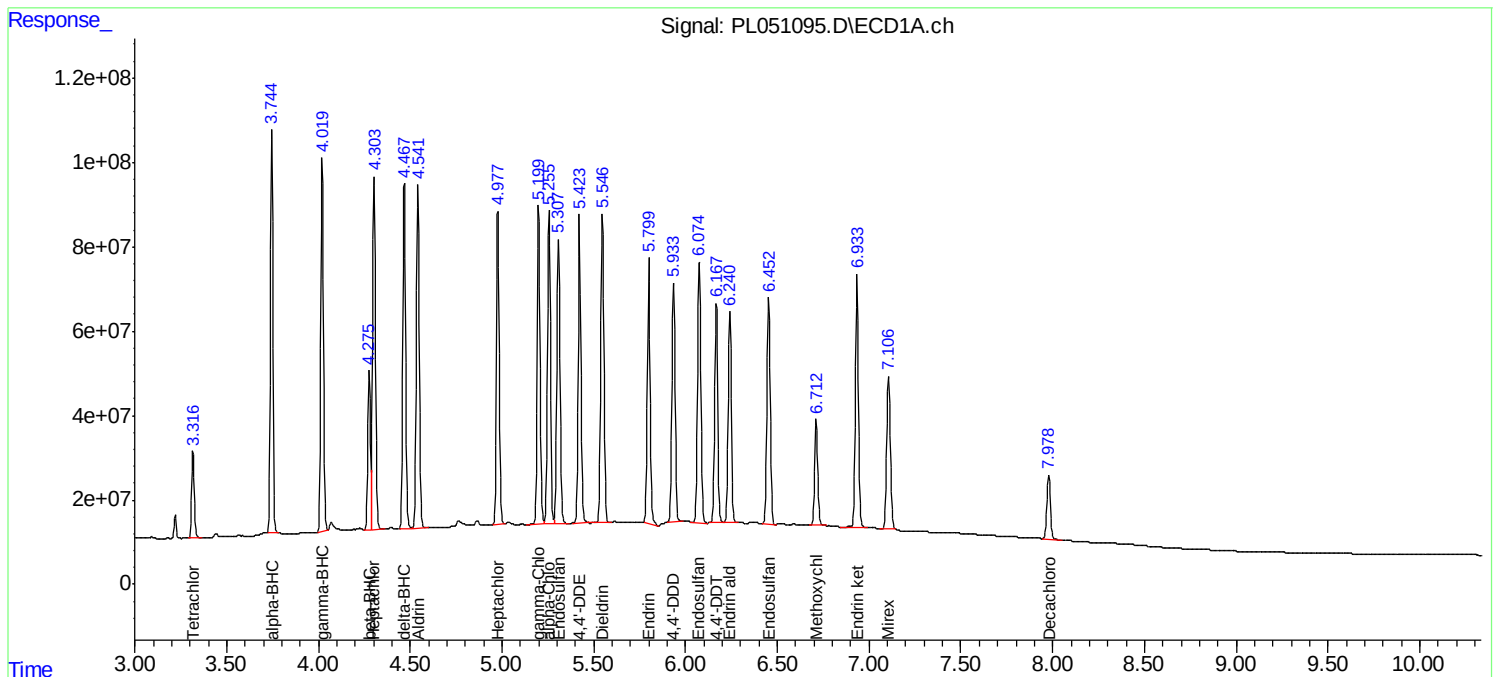
Instrument :  
ECD\_L  
ClientSampled :  
PB122004BS

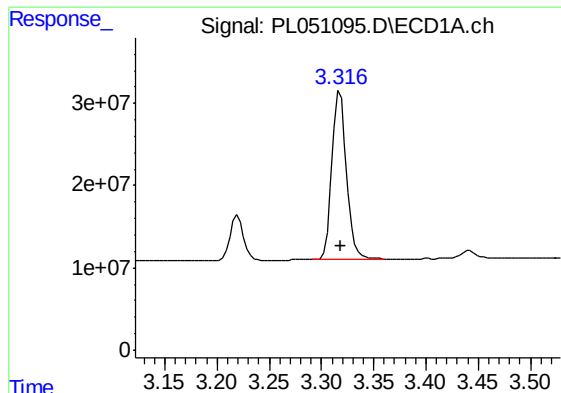
Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 07 00:37:14 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 2019  
Response via : Initial Calibration  
Integrator: ChemStation

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





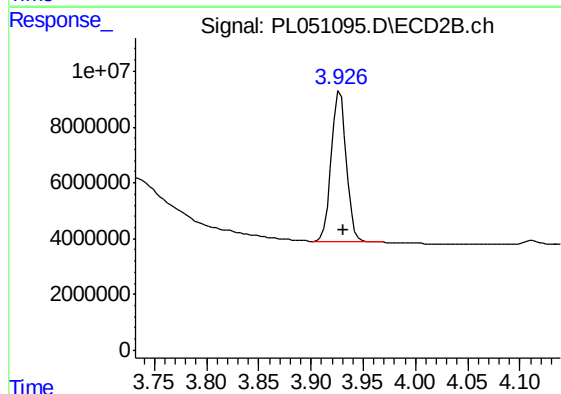
#1 Tetrachloro-m-xylene

R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 197320106  
Conc: 19.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122004BS

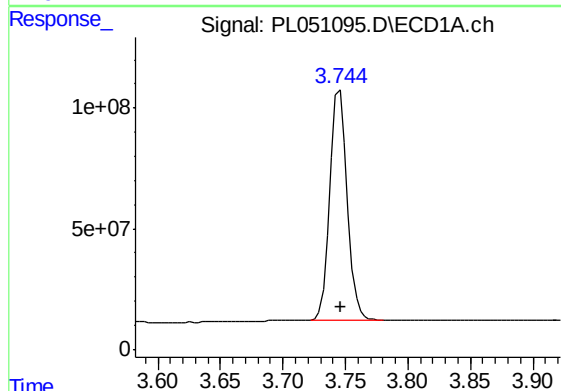
Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM



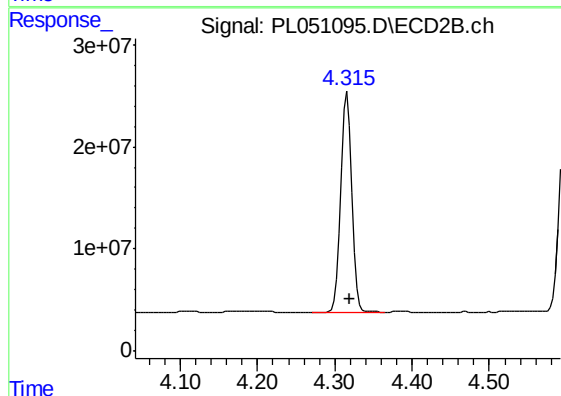
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.003 min  
Response: 53840019  
Conc: 18.87 ng/ml



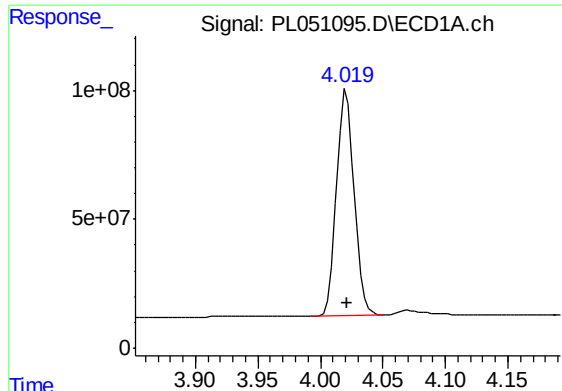
#2 alpha-BHC

R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 918484974  
Conc: 54.81 ng/ml



#2 alpha-BHC

R.T.: 4.316 min  
Delta R.T.: -0.003 min  
Response: 214619807  
Conc: 52.02 ng/ml



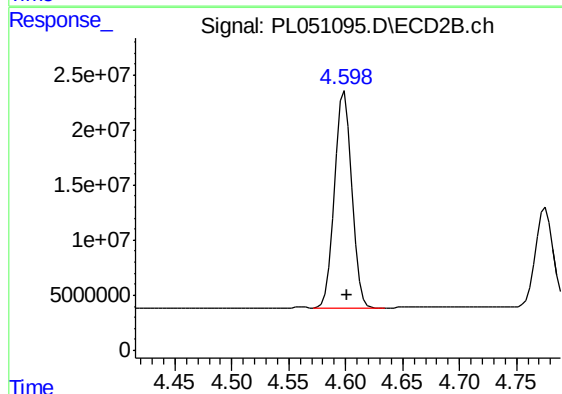
#3 gamma-BHC (Lindane)

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 865256089  
Conc: 56.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122004BS

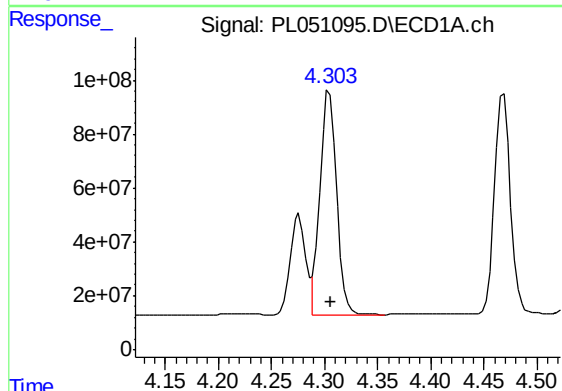
Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM



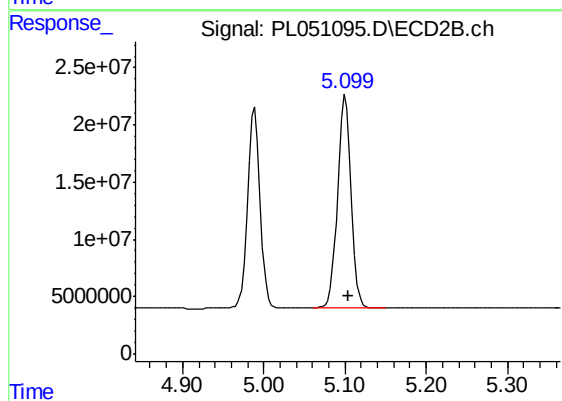
#3 gamma-BHC (Lindane)

R.T.: 4.599 min  
Delta R.T.: -0.003 min  
Response: 205108951  
Conc: 52.96 ng/ml



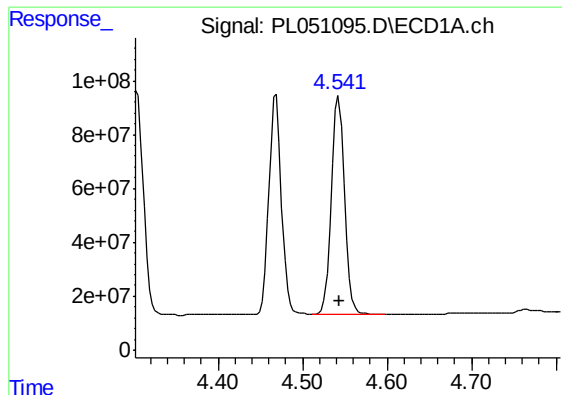
#4 Heptachlor

R.T.: 4.305 min  
Delta R.T.: 0.000 min  
Response: 923214026  
Conc: 56.27 ng/ml



#4 Heptachlor

R.T.: 5.100 min  
Delta R.T.: -0.003 min  
Response: 218627895  
Conc: 52.72 ng/ml



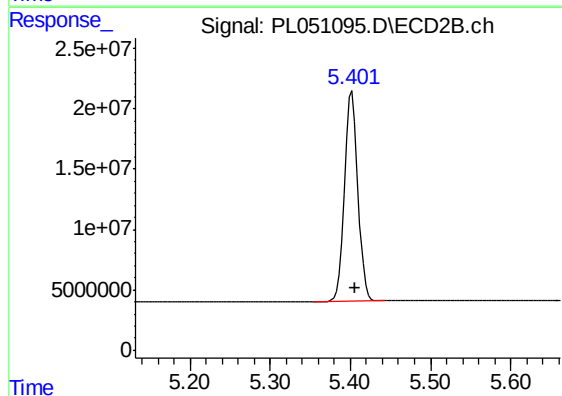
#5 Aldrin

R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 875586717  
Conc: 56.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122004BS

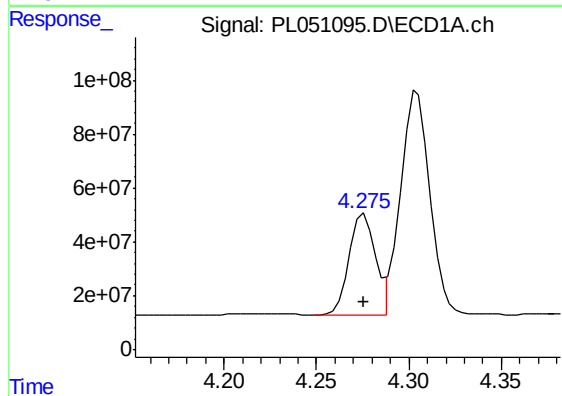
Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM



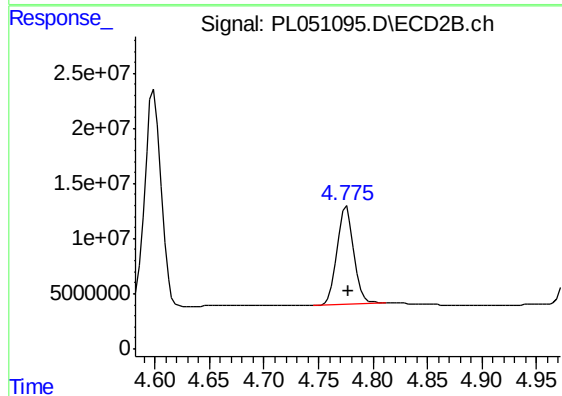
#5 Aldrin

R.T.: 5.402 min  
Delta R.T.: -0.003 min  
Response: 203395372  
Conc: 53.97 ng/ml



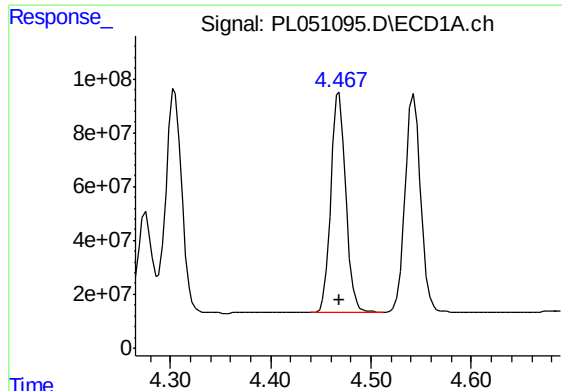
#6 beta-BHC

R.T.: 4.276 min  
Delta R.T.: 0.000 min  
Response: 364159736  
Conc: 55.55 ng/ml



#6 beta-BHC

R.T.: 4.776 min  
Delta R.T.: -0.002 min  
Response: 94573882  
Conc: 54.70 ng/ml



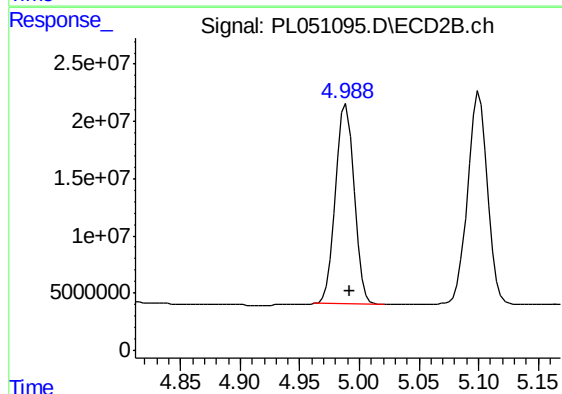
#7 delta-BHC

R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 843627550  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122004BS

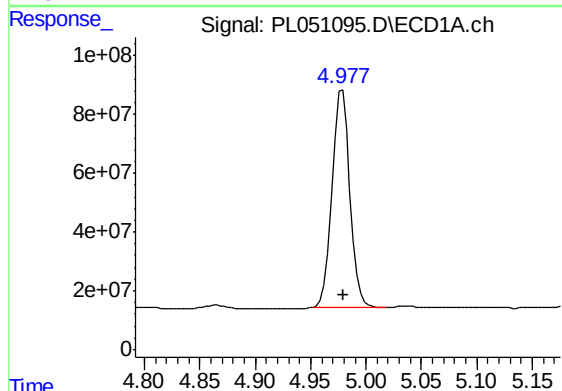
Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM



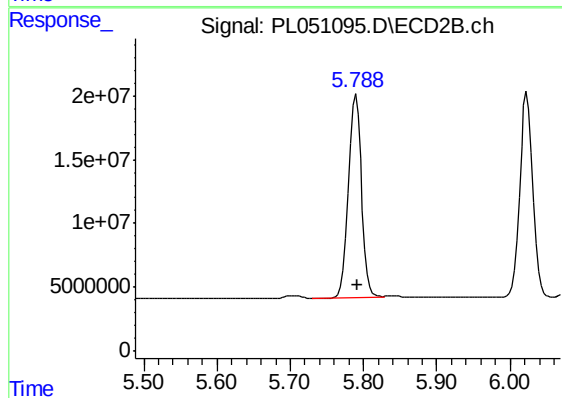
#7 delta-BHC

R.T.: 4.989 min  
Delta R.T.: -0.002 min  
Response: 187744695  
Conc: 48.54 ng/ml



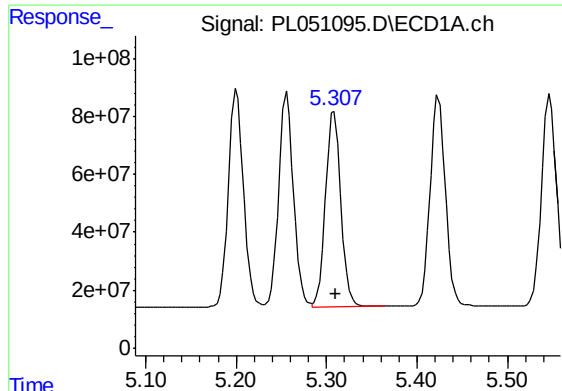
#8 Heptachlor epoxide

R.T.: 4.979 min  
Delta R.T.: 0.000 min  
Response: 829142026  
Conc: 56.12 ng/ml



#8 Heptachlor epoxide

R.T.: 5.790 min  
Delta R.T.: -0.003 min  
Response: 195604689  
Conc: 51.14 ng/ml



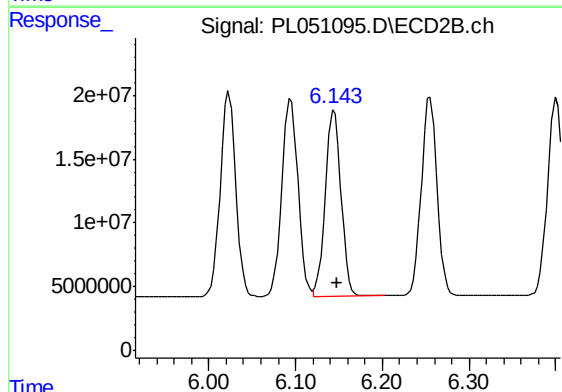
#9 Endosulfan I

R.T.: 5.308 min  
Delta R.T.: -0.001 min  
Response: 797910174  
Conc: 54.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122004BS

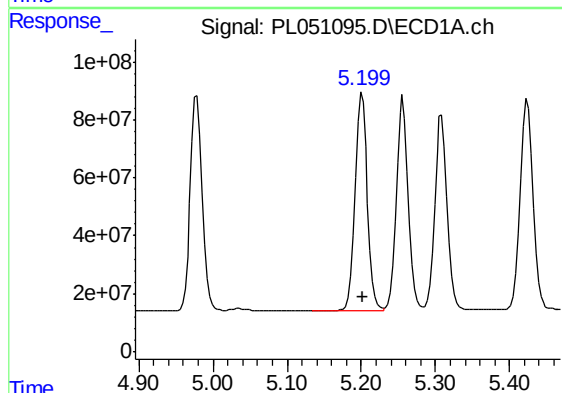
Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM



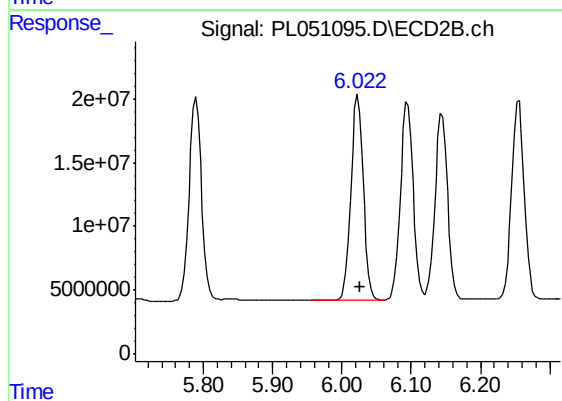
#9 Endosulfan I

R.T.: 6.145 min  
Delta R.T.: -0.003 min  
Response: 184607450  
Conc: 53.68 ng/ml



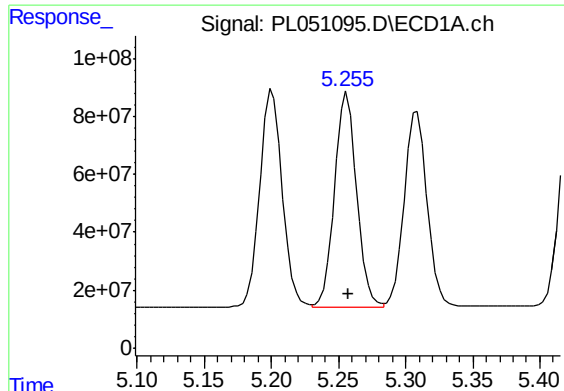
#10 gamma-Chlordane

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 873692014  
Conc: 55.36 ng/ml



#10 gamma-Chlordane

R.T.: 6.023 min  
Delta R.T.: -0.003 min  
Response: 199502276  
Conc: 53.99 ng/ml



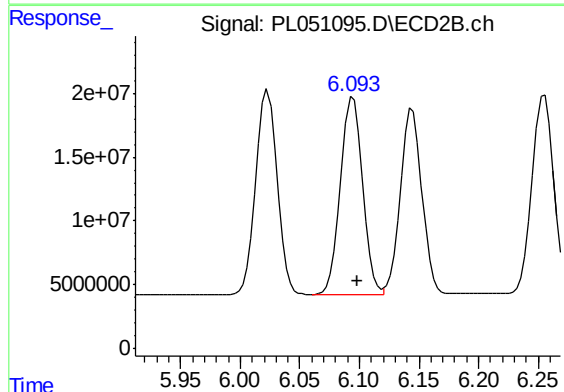
#11 alpha-Chlordane

R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 841796212  
Conc: 55.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122004BS

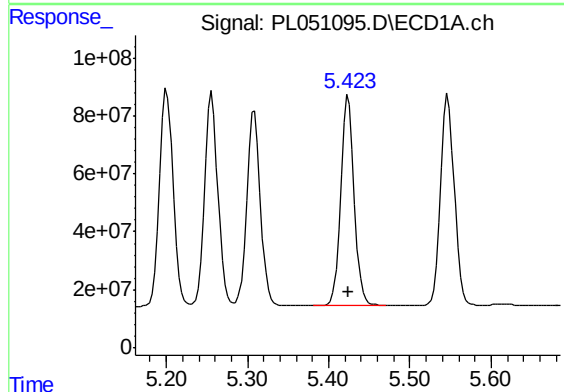
Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM



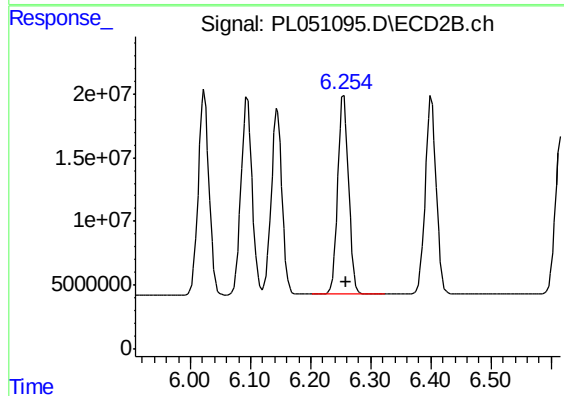
#11 alpha-Chlordane

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 197814027  
Conc: 53.97 ng/ml



#12 4,4'-DDE

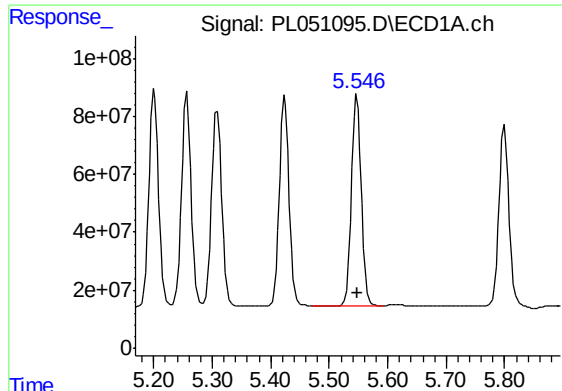
R.T.: 5.424 min  
Delta R.T.: 0.000 min  
Response: 844135918  
Conc: 56.33 ng/ml



#12 4,4'-DDE

R.T.: 6.255 min  
Delta R.T.: -0.003 min  
Response: 197771674  
Conc: 54.88 ng/ml





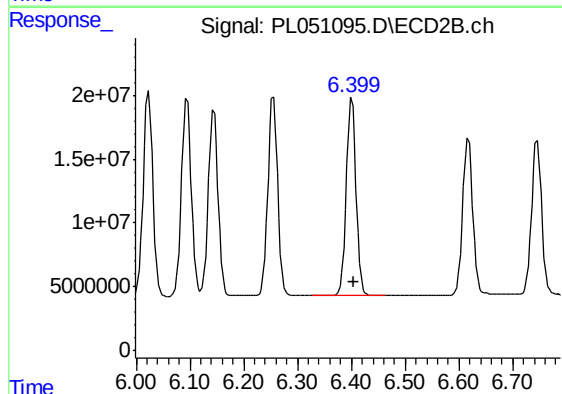
#13 Dieldrin

R.T.: 5.547 min  
Delta R.T.: -0.001 min  
Response: 858211739  
Conc: 55.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122004BS

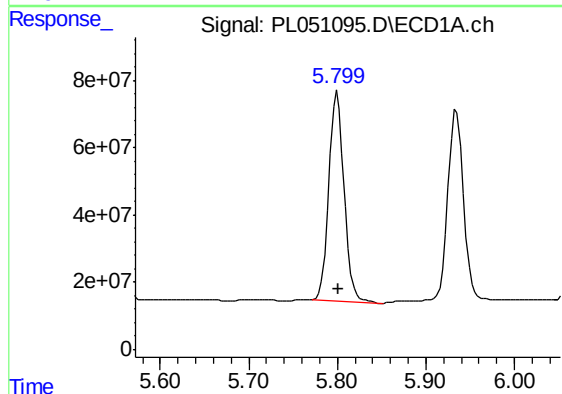
Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM



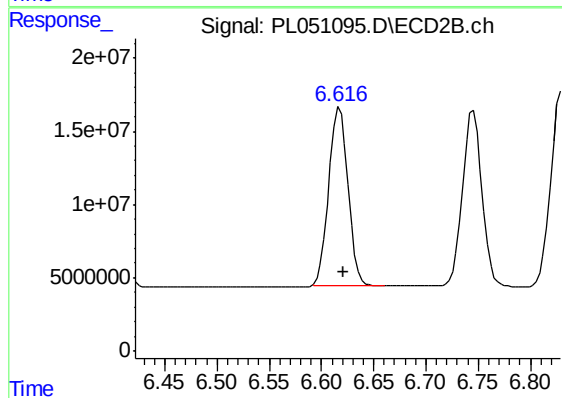
#13 Dieldrin

R.T.: 6.401 min  
Delta R.T.: -0.003 min  
Response: 194391709  
Conc: 54.90 ng/ml



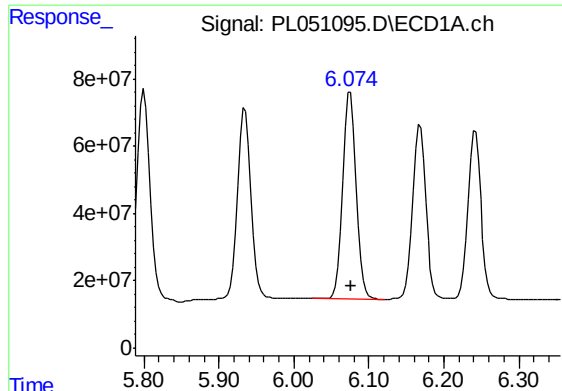
#14 Endrin

R.T.: 5.800 min  
Delta R.T.: -0.001 min  
Response: 755892153  
Conc: 51.35 ng/ml



#14 Endrin

R.T.: 6.618 min  
Delta R.T.: -0.004 min  
Response: 156220431  
Conc: 50.37 ng/ml



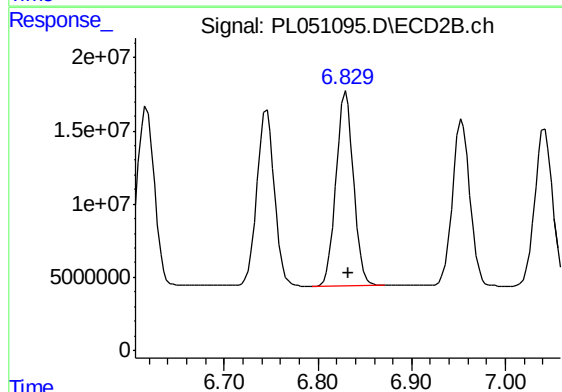
#15 Endosulfan II

R.T.: 6.075 min  
Delta R.T.: -0.001 min  
Response: 749671246  
Conc: 53.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122004BS

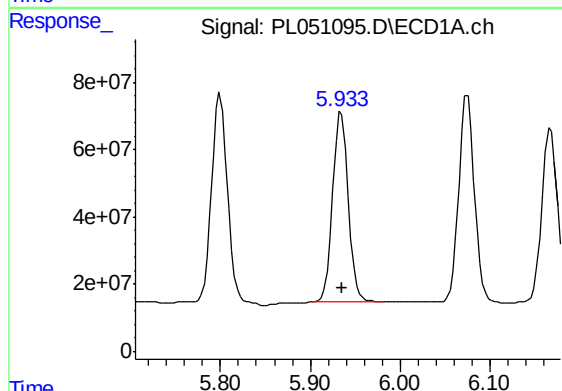
Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM



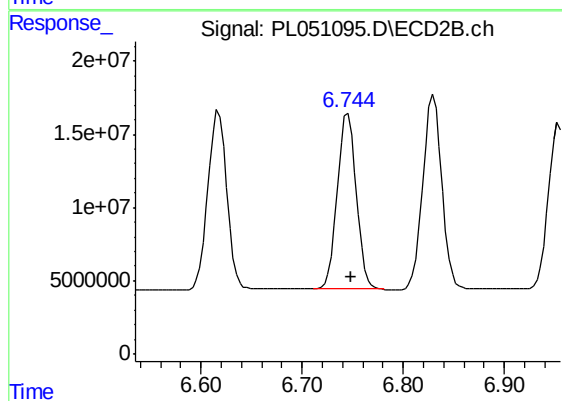
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: -0.003 min  
Response: 173016235  
Conc: 54.42 ng/ml



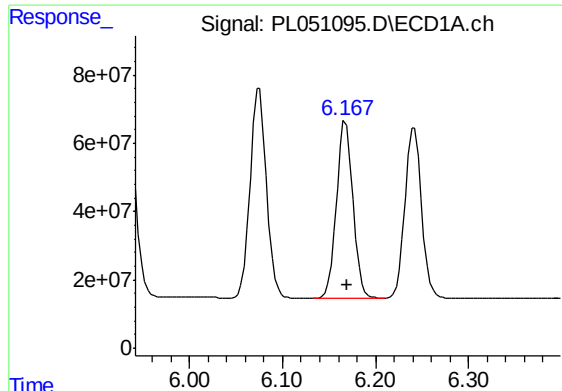
#16 4,4'-DDD

R.T.: 5.935 min  
Delta R.T.: 0.000 min  
Response: 684042065  
Conc: 57.08 ng/ml



#16 4,4'-DDD

R.T.: 6.744 min  
Delta R.T.: -0.005 min  
Response: 155400653  
Conc: 58.36 ng/ml m



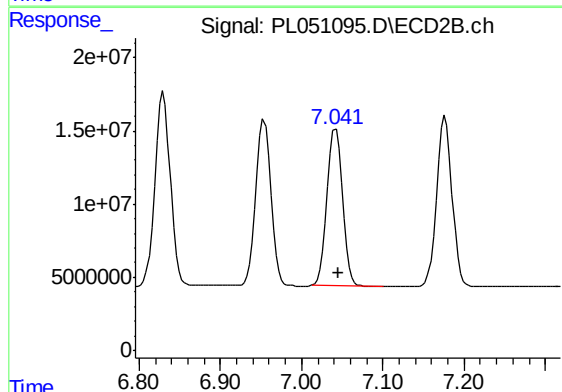
#17 4,4'-DDT

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 636954240  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122004BS

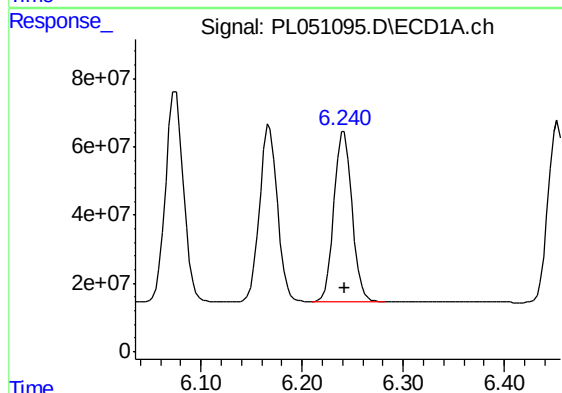
Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM



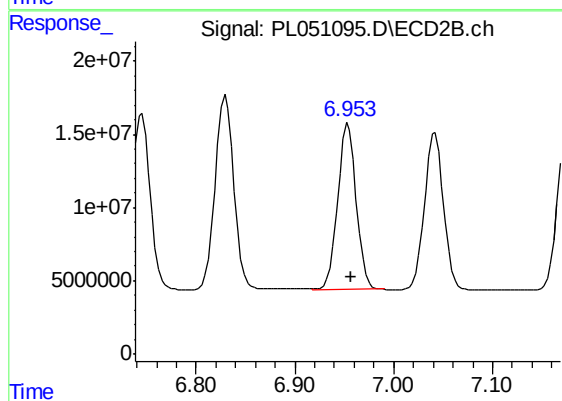
#17 4,4'-DDT

R.T.: 7.042 min  
Delta R.T.: -0.004 min  
Response: 142831613  
Conc: 52.91 ng/ml



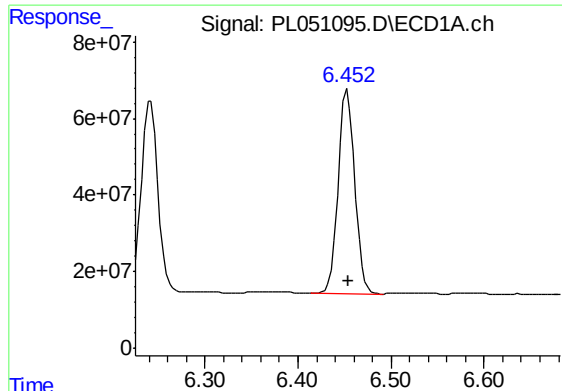
#18 Endrin aldehyde

R.T.: 6.242 min  
Delta R.T.: -0.001 min  
Response: 615761725  
Conc: 53.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.953 min  
Delta R.T.: -0.005 min  
Response: 147303449  
Conc: 54.20 ng/ml m



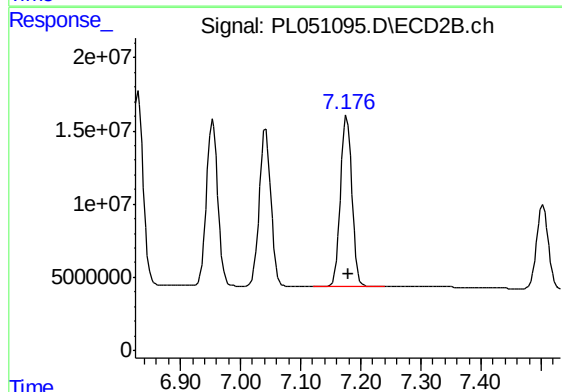
#19 Endosulfan Sulfate

R.T.: 6.453 min  
Delta R.T.: -0.001 min  
Response: 658107117  
Conc: 51.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122004BS

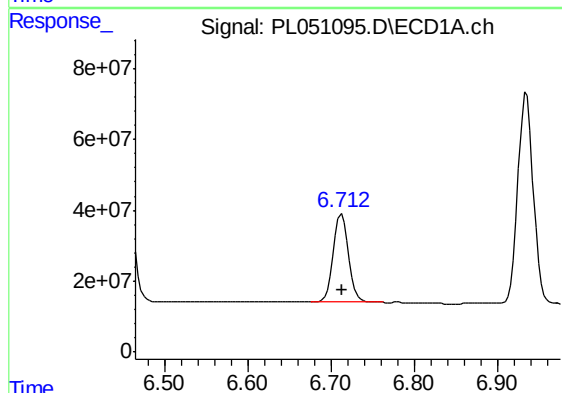
Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM



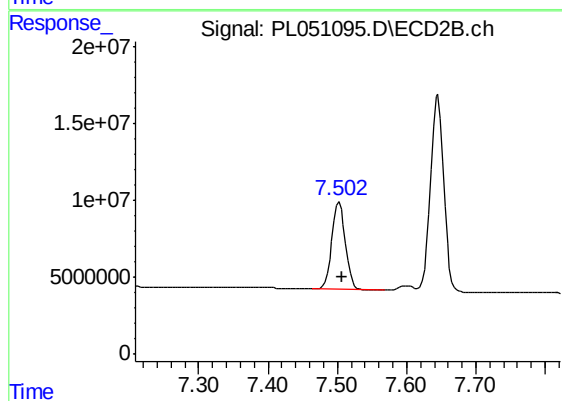
#19 Endosulfan Sulfate

R.T.: 7.177 min  
Delta R.T.: -0.003 min  
Response: 155004088  
Conc: 53.67 ng/ml



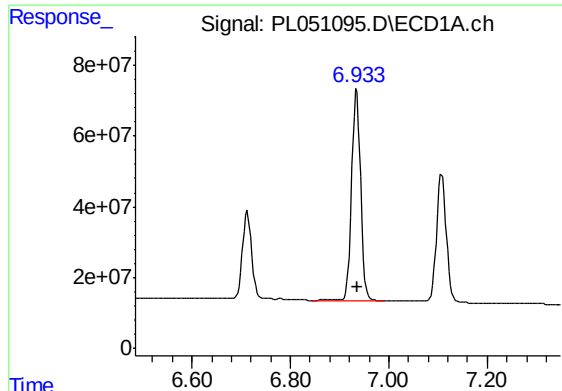
#20 Methoxychlor

R.T.: 6.713 min  
Delta R.T.: -0.001 min  
Response: 317361403  
Conc: 50.87 ng/ml



#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: -0.004 min  
Response: 78181914  
Conc: 53.28 ng/ml



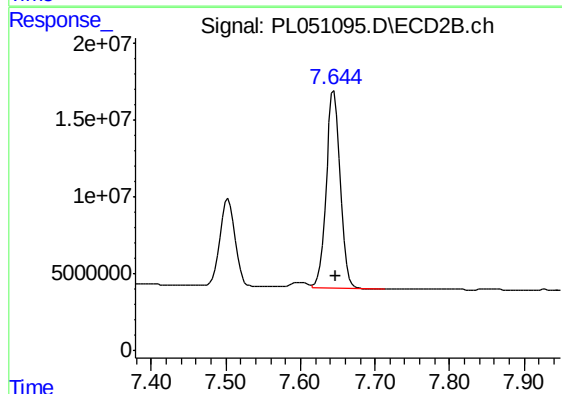
#21 Endrin ketone

R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 768497062  
Conc: 56.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122004BS

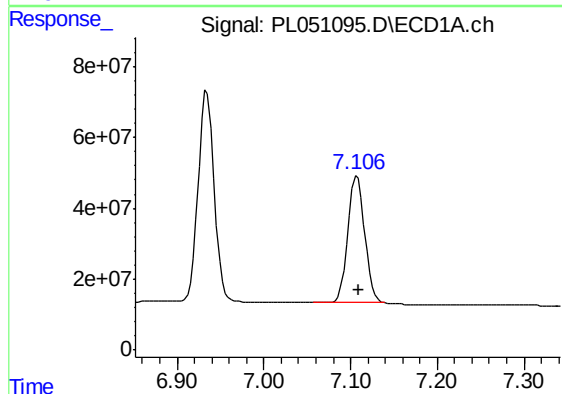
Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM



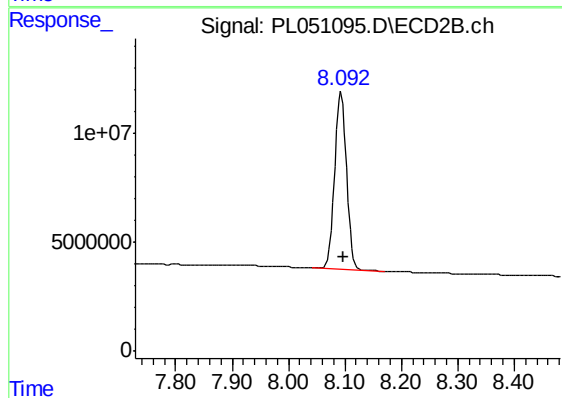
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: -0.003 min  
Response: 169824935  
Conc: 58.74 ng/ml



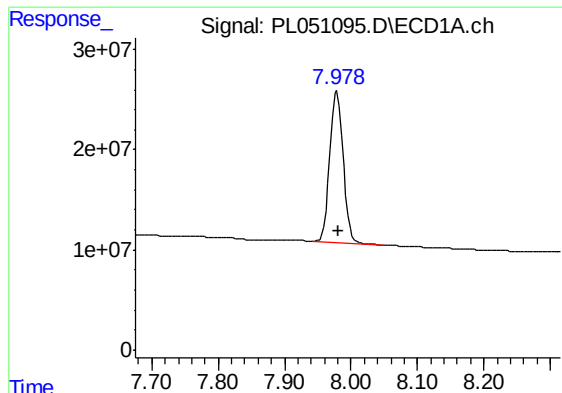
#22 Mirex

R.T.: 7.108 min  
Delta R.T.: -0.001 min  
Response: 486654757  
Conc: 49.64 ng/ml



#22 Mirex

R.T.: 8.093 min  
Delta R.T.: -0.004 min  
Response: 117582172  
Conc: 51.19 ng/ml



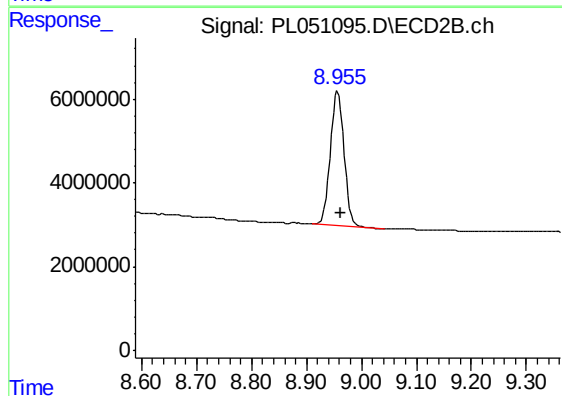
#28 Decachlorobiphenyl

R.T.: 7.979 min  
Delta R.T.: -0.002 min  
Response: 210372423  
Conc: 20.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122004BS

Manual Integrations  
APPROVED

Ankita  
8/7/2019 5:44:14 PM



#28 Decachlorobiphenyl

R.T.: 8.957 min  
Delta R.T.: -0.005 min  
Response: 55434766  
Conc: 19.60 ng/ml