

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071620\  
 Data File : PL059939.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2020 09:39  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Ankita  
 7/17/2020 11:42:46 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 12:15:10 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 2020  
 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... | 3.465 | 4.011 | 105.9E6  | 142.9E6  | 54.741 | 53.902  |
| 28)                         | SA Decachlor... | 8.226 | 9.099 | 70167924 | 94206070 | 42.653 | 45.045  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.902 | 4.400 | 157.8E6  | 209.9E6  | 54.917 | 54.369  |
| 3)                          | MA gamma-BHC... | 4.185 | 4.686 | 136.2E6  | 195.5E6  | 55.152 | 53.912  |
| 4)                          | MA Heptachlor   | 4.488 | 5.197 | 121.4E6  | 179.0E6  | 54.147 | 53.196  |
| 5)                          | MB Aldrin       | 4.737 | 5.503 | 105.7E6  | 162.8E6  | 53.553 | 52.277  |
| 6)                          | B beta-BHC      | 4.436 | 4.856 | 54304601 | 82269250 | 53.174 | 54.417  |
| 7)                          | B delta-BHC     | 4.640 | 5.073 | 121.7E6  | 175.6E6  | 54.747 | 56.354  |
| 8)                          | B Heptachlo...  | 5.180 | 5.889 | 98260804 | 149.2E6  | 53.534 | 55.394m |
| 9)                          | A Endosulfan I  | 5.519 | 6.248 | 89359287 | 131.8E6  | 53.118 | 49.416  |
| 10)                         | B gamma-Chl...  | 5.407 | 6.125 | 97386694 | 144.7E6  | 53.682 | 50.515  |
| 11)                         | B alpha-Chl...  | 5.466 | 6.198 | 96294271 | 143.9E6  | 53.399 | 50.337  |
| 12)                         | B 4,4'-DDE      | 5.632 | 6.356 | 88208292 | 129.3E6  | 52.967 | 48.291  |
| 13)                         | MA Dieldrin     | 5.762 | 6.506 | 92926585 | 133.3E6  | 52.663 | 48.189  |
| 14)                         | MA Endrin       | 6.019 | 6.724 | 79207466 | 105.6E6  | 54.417 | 49.604  |
| 15)                         | B Endosulfa...  | 6.292 | 6.934 | 82465647 | 118.1E6  | 49.376 | 47.015  |
| 16)                         | A 4,4'-DDD      | 6.147 | 6.847 | 76040524 | 110.8E6  | 49.812 | 48.280  |
| 17)                         | MA 4,4'-DDT     | 6.388 | 7.147 | 65812766 | 93441289 | 50.618 | 47.455  |
| 18)                         | B Endrin al...  | 6.460 | 7.058 | 68864226 | 100.6E6  | 48.273 | 46.340  |
| 19)                         | B Endosulfa...  | 6.673 | 7.282 | 77359673 | 107.6E6  | 47.061 | 46.023  |
| 20)                         | A Methoxychlor  | 6.935 | 7.606 | 37453943 | 52988132 | 50.073 | 46.676  |
| 21)                         | B Endrin ke...  | 7.163 | 7.754 | 88363419 | 115.7E6  | 47.083 | 44.813  |
| 22)                         | Mirex           | 7.354 | 8.210 | 65893981 | 81916982 | 46.317 | 44.322  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071620\  
 Data File : PL059939.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2020 09:39  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

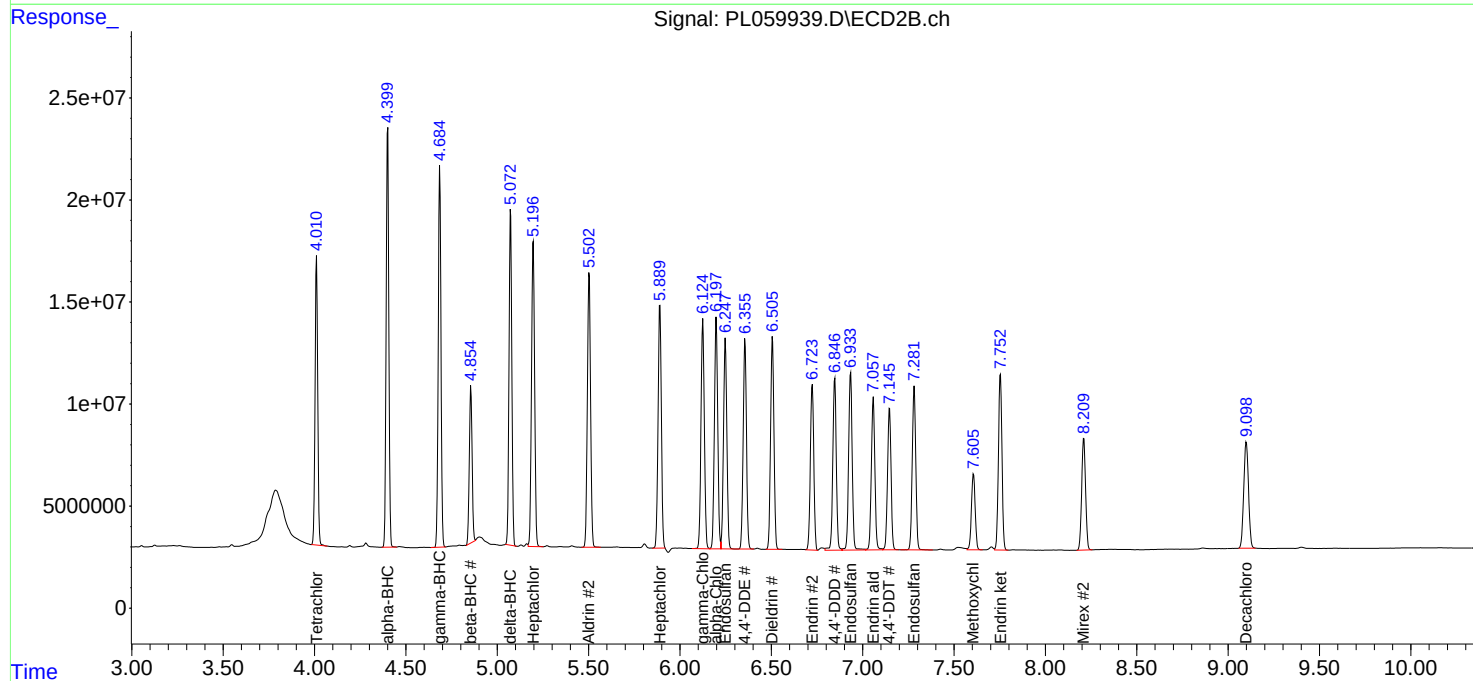
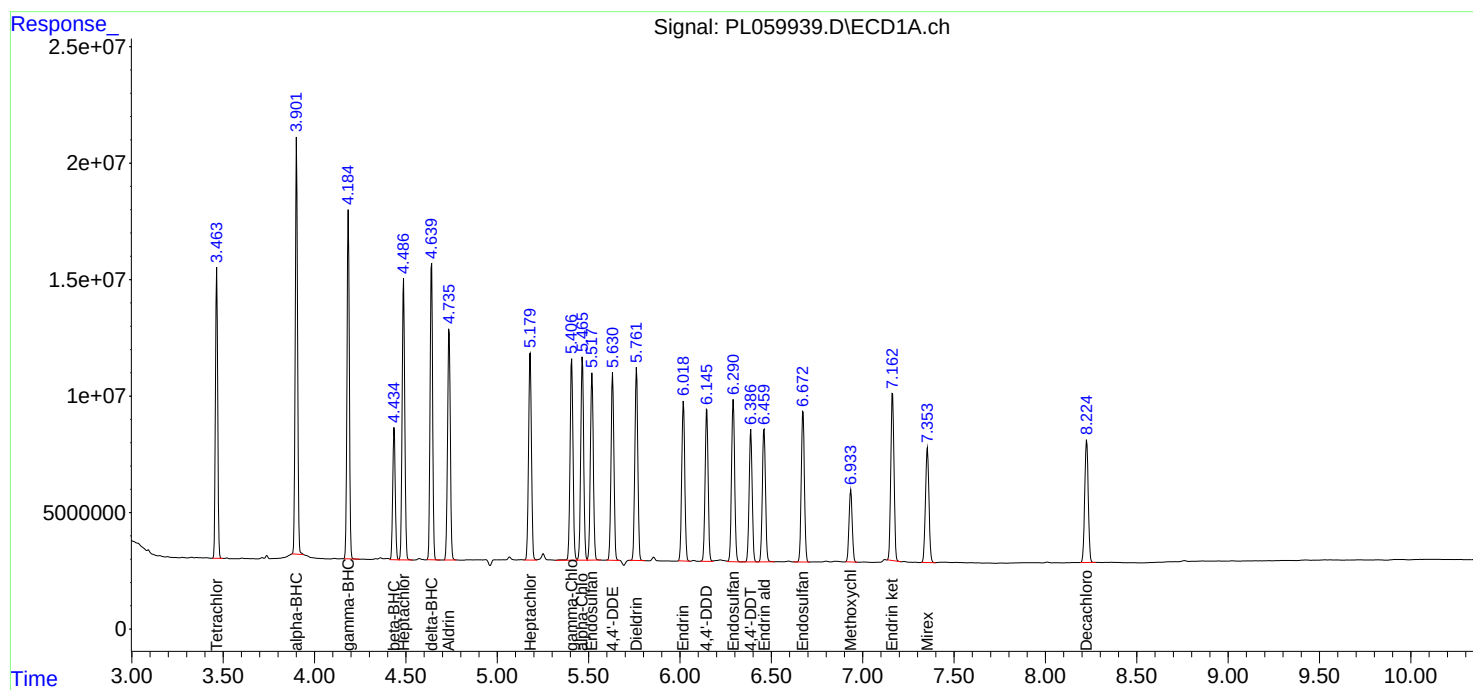
Instrument :  
 ECD\_L  
 ClientSampleID :  
 PSTDCCC050

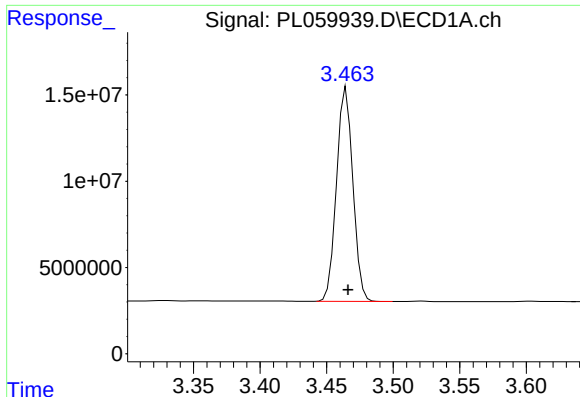
Manual Integrations  
 APPROVED

Ankita  
 7/17/2020 11:42:46 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 12:15:10 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 2020  
 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





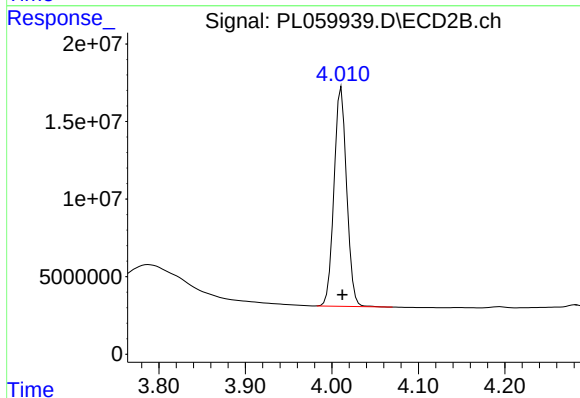
#1 Tetrachloro-m-xylene

R.T.: 3.465 min  
Delta R.T.: -0.001 min  
Response: 105881749  
Conc: 54.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

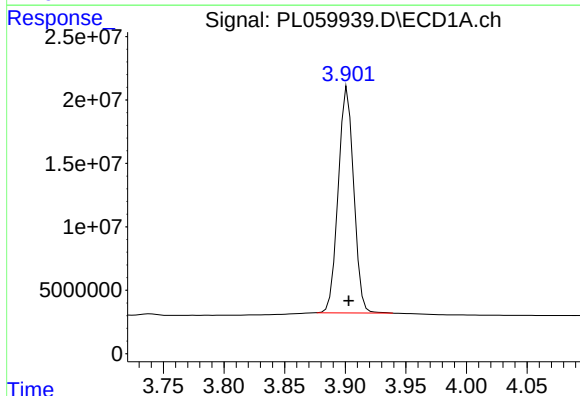
Manual Integrations  
APPROVED

Ankita  
7/17/2020 11:42:46 AM



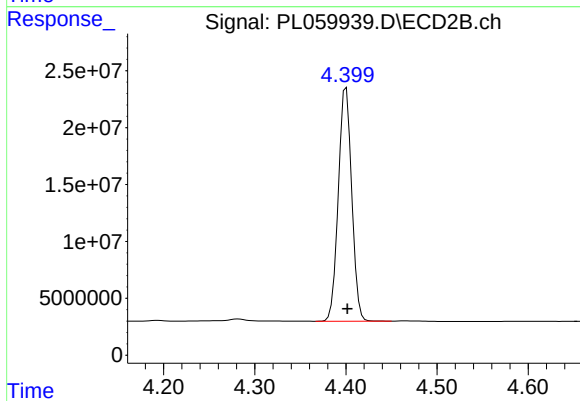
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: -0.001 min  
Response: 142851298  
Conc: 53.90 ng/ml



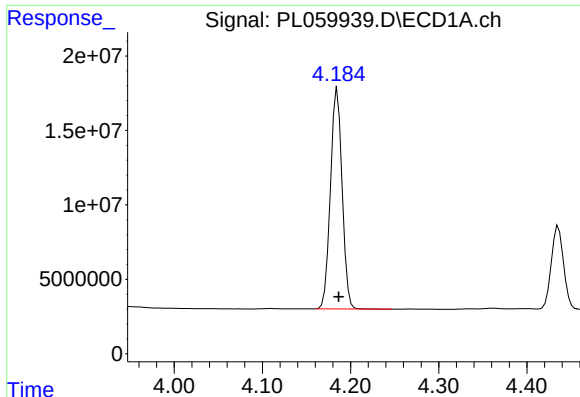
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 157848979  
Conc: 54.92 ng/ml



#2 alpha-BHC

R.T.: 4.400 min  
Delta R.T.: -0.001 min  
Response: 209894394  
Conc: 54.37 ng/ml



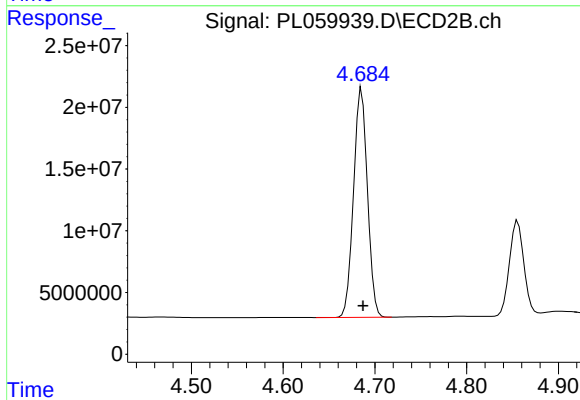
#3 gamma-BHC (Lindane)

R.T.: 4.185 min  
Delta R.T.: -0.001 min  
Response: 136203285  
Conc: 55.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

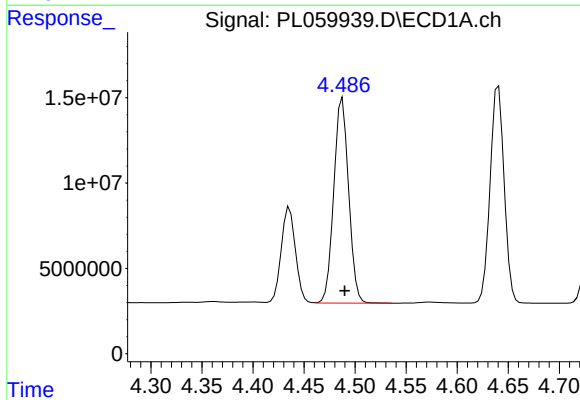
Manual Integrations  
APPROVED

Ankita  
7/17/2020 11:42:46 AM



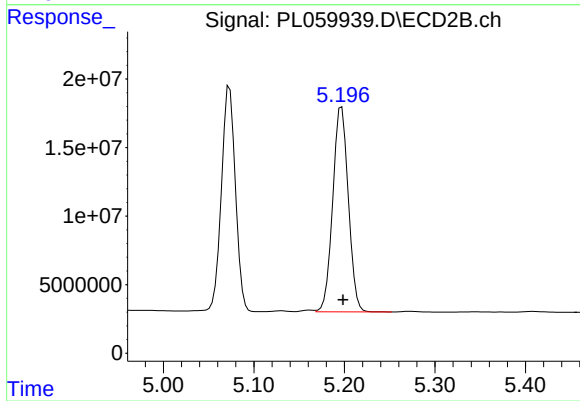
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: -0.002 min  
Response: 195536051  
Conc: 53.91 ng/ml



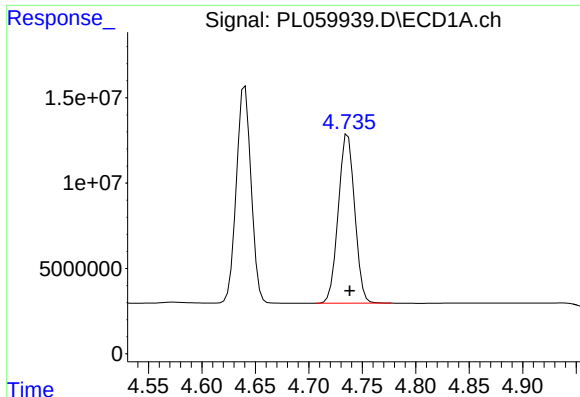
#4 Heptachlor

R.T.: 4.488 min  
Delta R.T.: -0.002 min  
Response: 121438234  
Conc: 54.15 ng/ml



#4 Heptachlor

R.T.: 5.197 min  
Delta R.T.: -0.002 min  
Response: 178955737  
Conc: 53.20 ng/ml



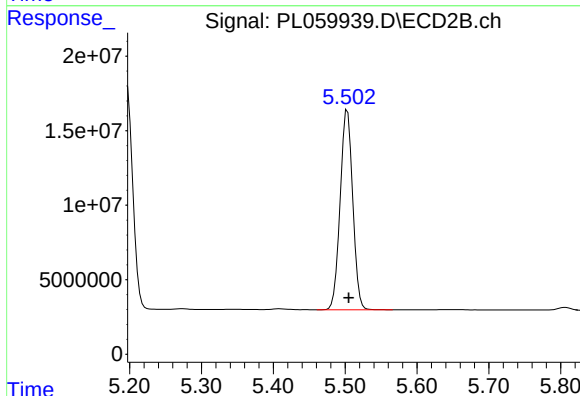
#5 Aldrin

R.T.: 4.737 min  
Delta R.T.: -0.002 min  
Response: 105673372  
Conc: 53.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

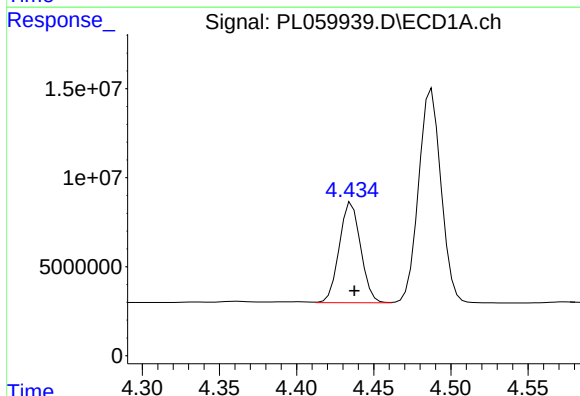
Manual Integrations  
APPROVED

Ankita  
7/17/2020 11:42:46 AM



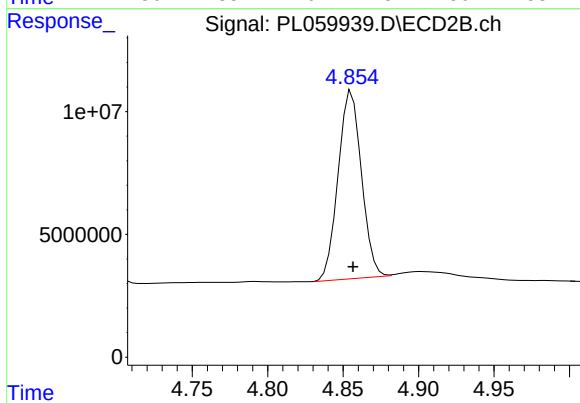
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: -0.002 min  
Response: 162828671  
Conc: 52.28 ng/ml



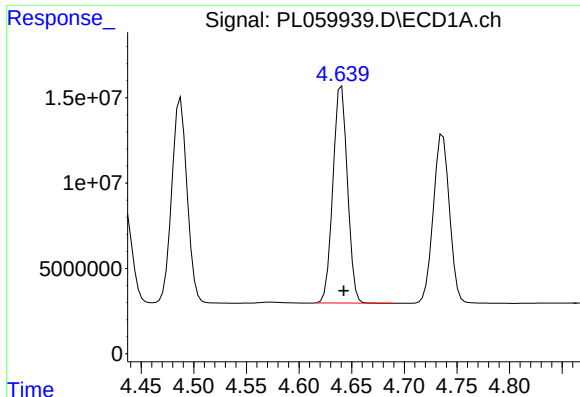
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: -0.002 min  
Response: 54304601  
Conc: 53.17 ng/ml



#6 beta-BHC

R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 82269250  
Conc: 54.42 ng/ml



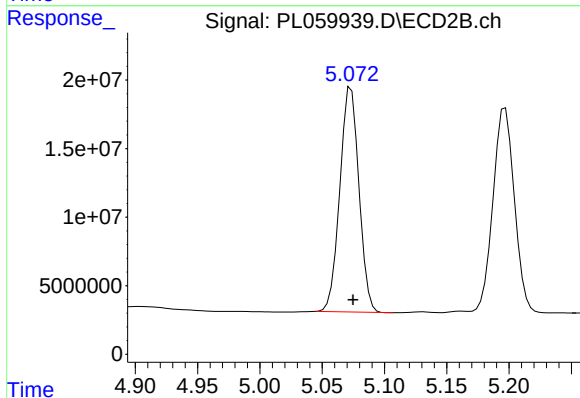
#7 delta-BHC

R.T.: 4.640 min  
Delta R.T.: -0.002 min  
Response: 121704602  
Conc: 54.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

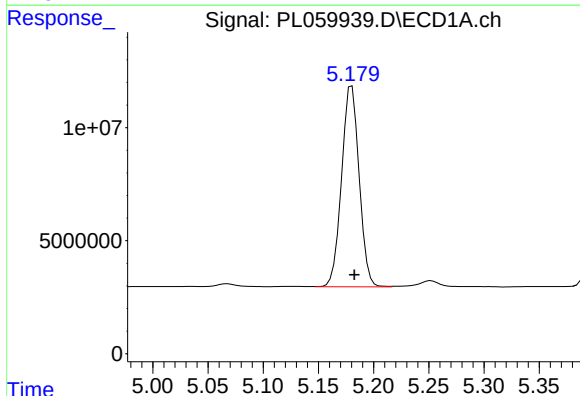
Manual Integrations  
APPROVED

Ankita  
7/17/2020 11:42:46 AM



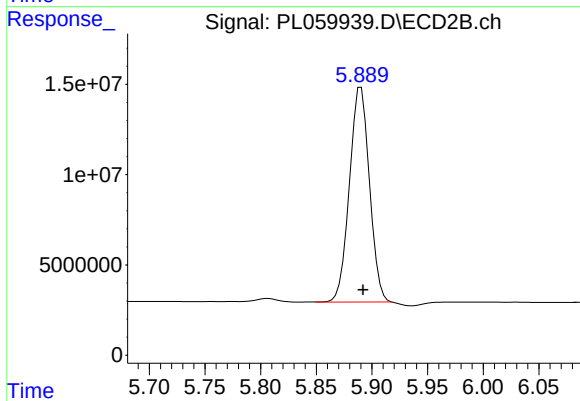
#7 delta-BHC

R.T.: 5.073 min  
Delta R.T.: -0.002 min  
Response: 175582679  
Conc: 56.35 ng/ml



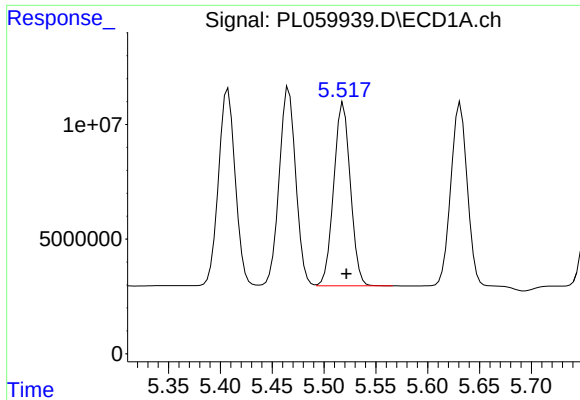
#8 Heptachlor epoxide

R.T.: 5.180 min  
Delta R.T.: -0.002 min  
Response: 98260804  
Conc: 53.53 ng/ml



#8 Heptachlor epoxide

R.T.: 5.889 min  
Delta R.T.: -0.003 min  
Response: 149188032  
Conc: 55.39 ng/ml m



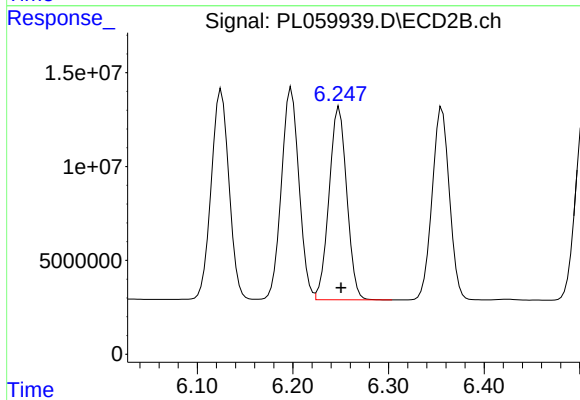
#9 Endosulfan I

R.T.: 5.519 min  
Delta R.T.: -0.003 min  
Response: 89359287  
Conc: 53.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

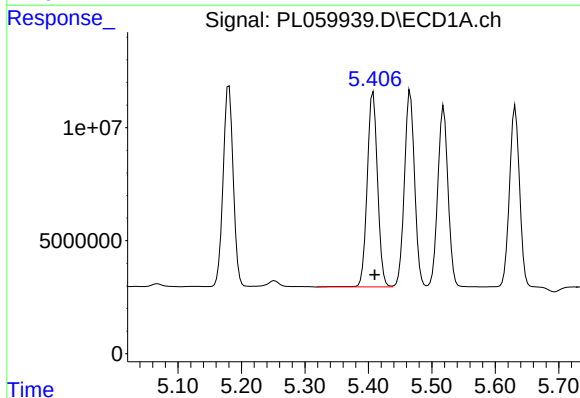
Manual Integrations  
APPROVED

Ankita  
7/17/2020 11:42:46 AM



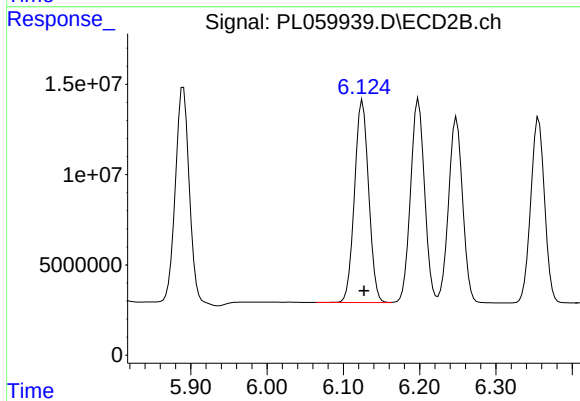
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: -0.002 min  
Response: 131809057  
Conc: 49.42 ng/ml



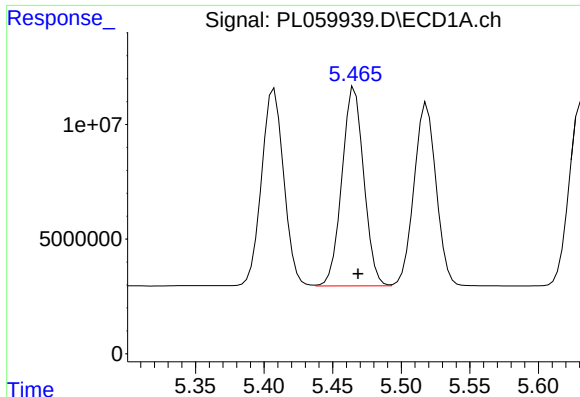
#10 gamma-Chlordane

R.T.: 5.407 min  
Delta R.T.: -0.003 min  
Response: 97386694  
Conc: 53.68 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min  
Delta R.T.: -0.002 min  
Response: 144654519  
Conc: 50.52 ng/ml



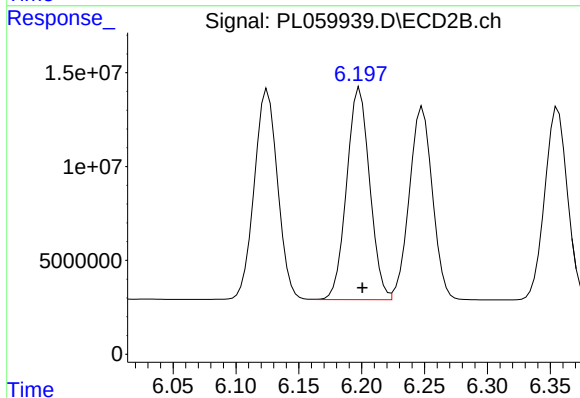
#11 alpha-Chlordane

R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 96294271  
Conc: 53.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

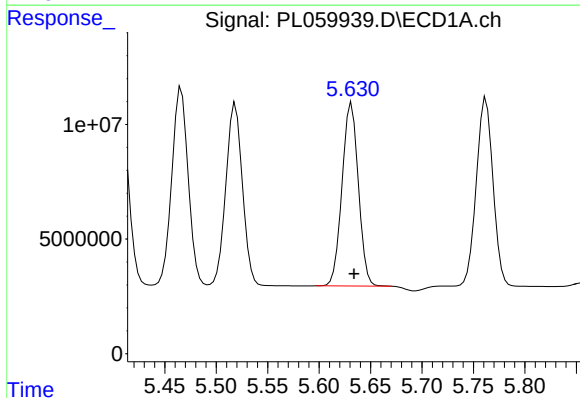
Manual Integrations  
APPROVED

Ankita  
7/17/2020 11:42:46 AM



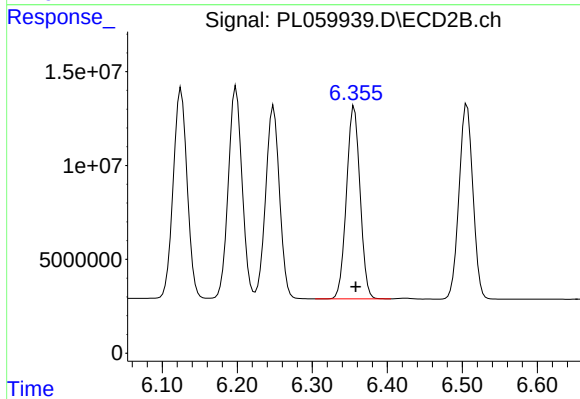
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: -0.002 min  
Response: 143926432  
Conc: 50.34 ng/ml



#12 4,4'-DDE

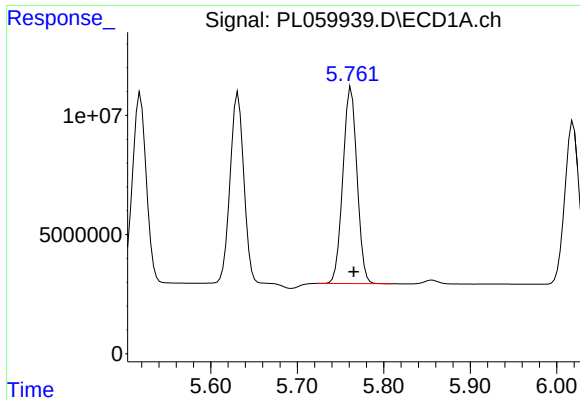
R.T.: 5.632 min  
Delta R.T.: -0.002 min  
Response: 88208292  
Conc: 52.97 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min  
Delta R.T.: -0.002 min  
Response: 129258743  
Conc: 48.29 ng/ml





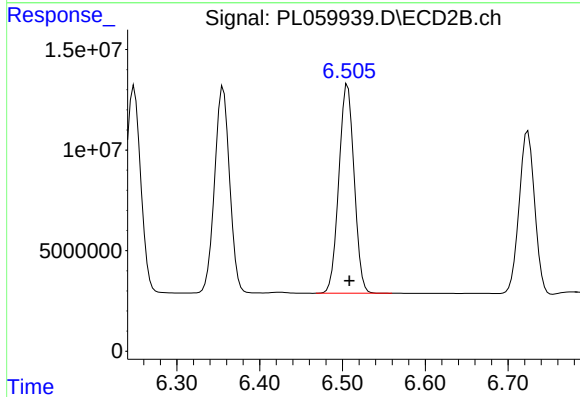
#13 Dieldrin

R.T.: 5.762 min  
Delta R.T.: -0.003 min  
Response: 92926585  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

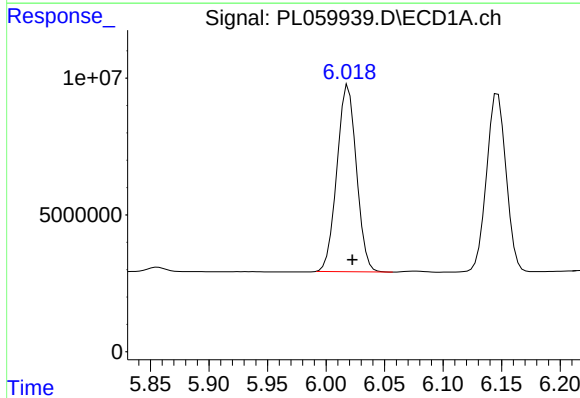
Manual Integrations  
APPROVED

Ankita  
7/17/2020 11:42:46 AM



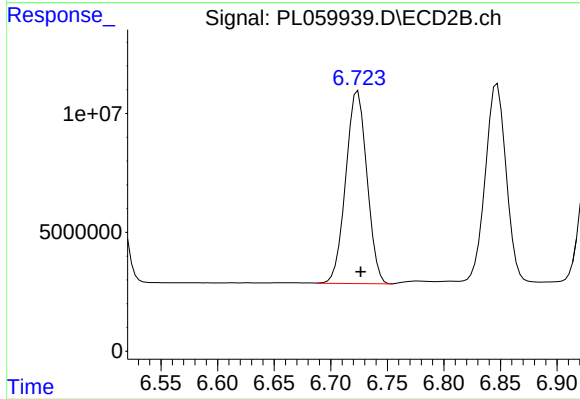
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: -0.002 min  
Response: 133303031  
Conc: 48.19 ng/ml



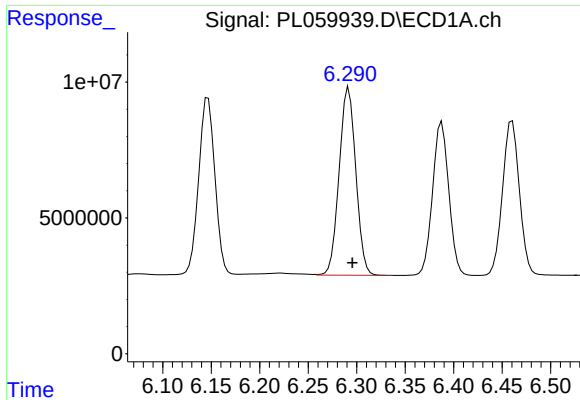
#14 Endrin

R.T.: 6.019 min  
Delta R.T.: -0.003 min  
Response: 79207466  
Conc: 54.42 ng/ml



#14 Endrin

R.T.: 6.724 min  
Delta R.T.: -0.003 min  
Response: 105561898  
Conc: 49.60 ng/ml



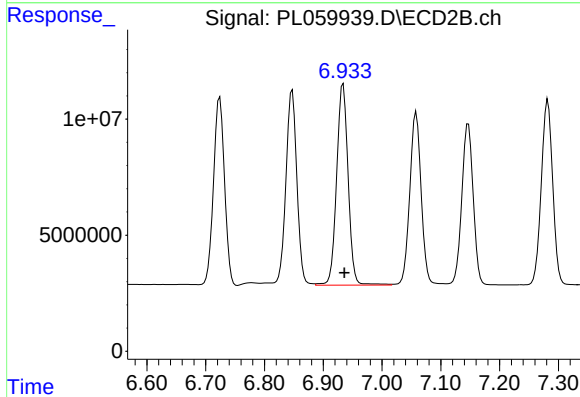
#15 Endosulfan II

R.T.: 6.292 min  
Delta R.T.: -0.004 min  
Response: 82465647  
Conc: 49.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

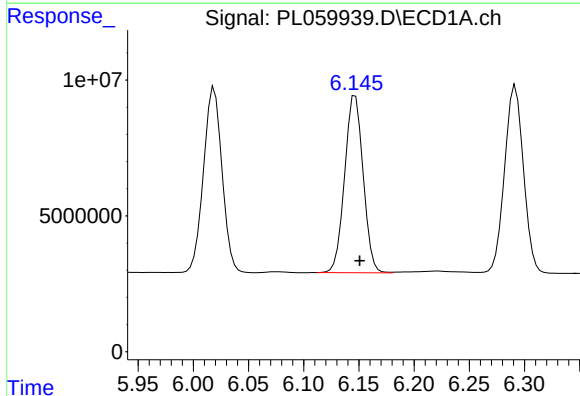
Manual Integrations  
APPROVED

Ankita  
7/17/2020 11:42:46 AM



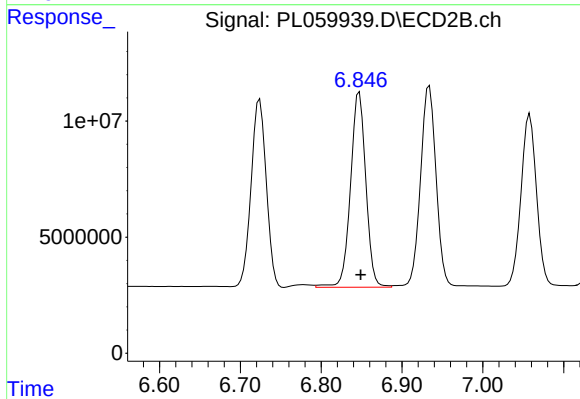
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: -0.002 min  
Response: 118083877  
Conc: 47.02 ng/ml



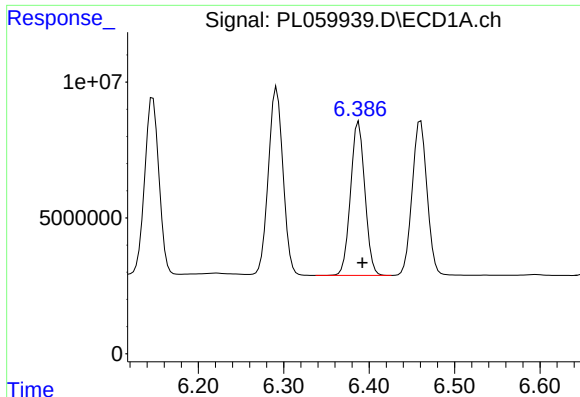
#16 4,4'-DDD

R.T.: 6.147 min  
Delta R.T.: -0.004 min  
Response: 76040524  
Conc: 49.81 ng/ml



#16 4,4'-DDD

R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 110826933  
Conc: 48.28 ng/ml



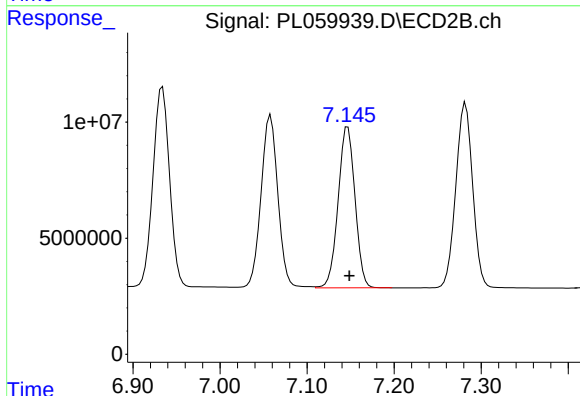
#17 4,4'-DDT

R.T.: 6.388 min  
Delta R.T.: -0.004 min  
Response: 65812766  
Conc: 50.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

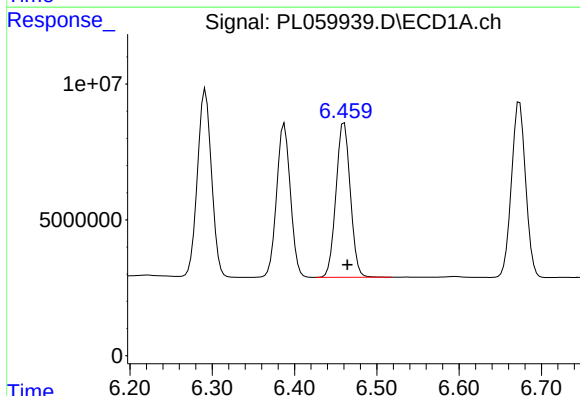
Manual Integrations  
APPROVED

Ankita  
7/17/2020 11:42:46 AM



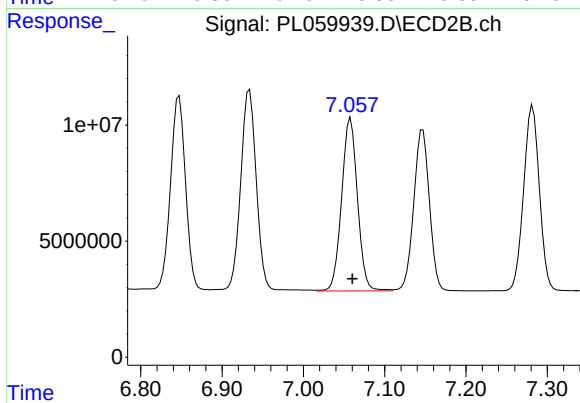
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: -0.002 min  
Response: 93441289  
Conc: 47.45 ng/ml



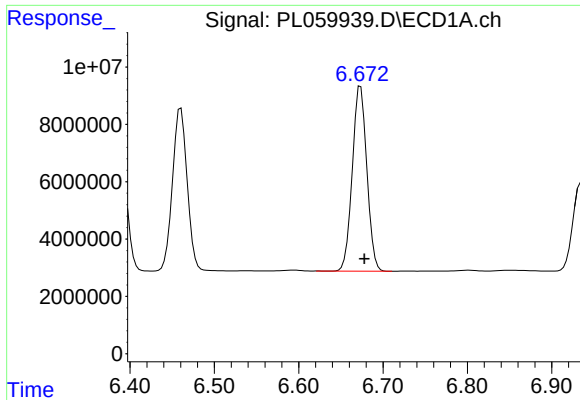
#18 Endrin aldehyde

R.T.: 6.460 min  
Delta R.T.: -0.004 min  
Response: 68864226  
Conc: 48.27 ng/ml



#18 Endrin aldehyde

R.T.: 7.058 min  
Delta R.T.: -0.002 min  
Response: 100644356  
Conc: 46.34 ng/ml



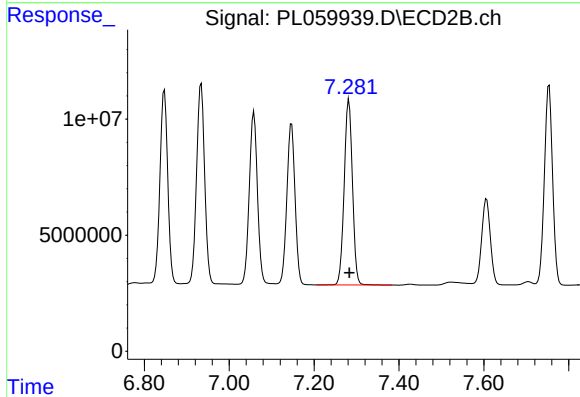
#19 Endosulfan Sulfate

R.T.: 6.673 min  
Delta R.T.: -0.004 min  
Response: 77359673  
Conc: 47.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

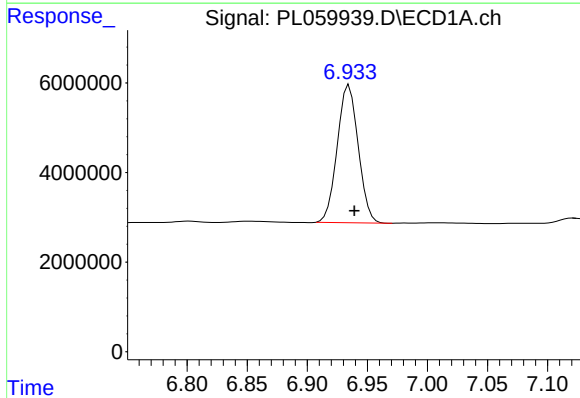
Manual Integrations  
APPROVED

Ankita  
7/17/2020 11:42:46 AM



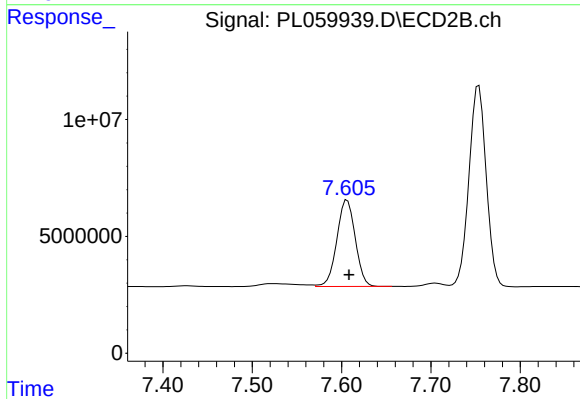
#19 Endosulfan Sulfate

R.T.: 7.282 min  
Delta R.T.: -0.002 min  
Response: 107643569  
Conc: 46.02 ng/ml



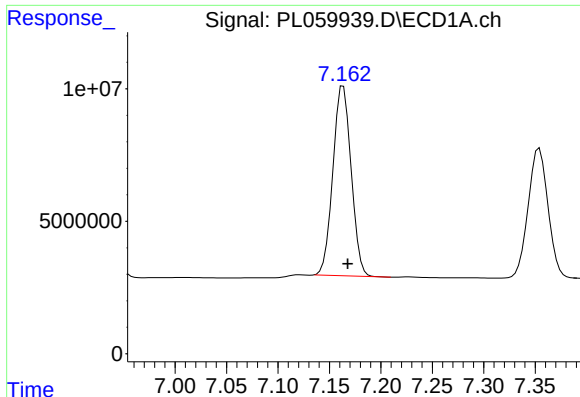
#20 Methoxychlor

R.T.: 6.935 min  
Delta R.T.: -0.004 min  
Response: 37453943  
Conc: 50.07 ng/ml



#20 Methoxychlor

R.T.: 7.606 min  
Delta R.T.: -0.002 min  
Response: 52988132  
Conc: 46.68 ng/ml



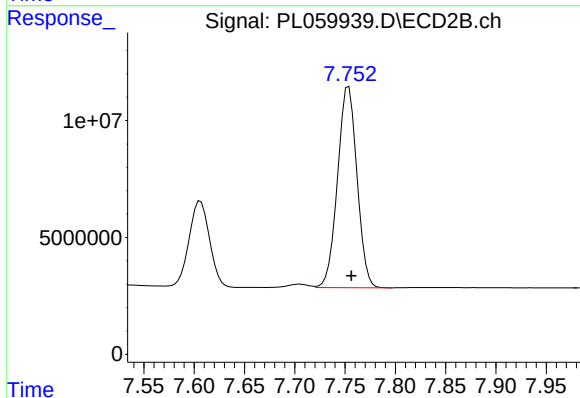
#21 Endrin ketone

R.T.: 7.163 min  
Delta R.T.: -0.004 min  
Response: 88363419  
Conc: 47.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

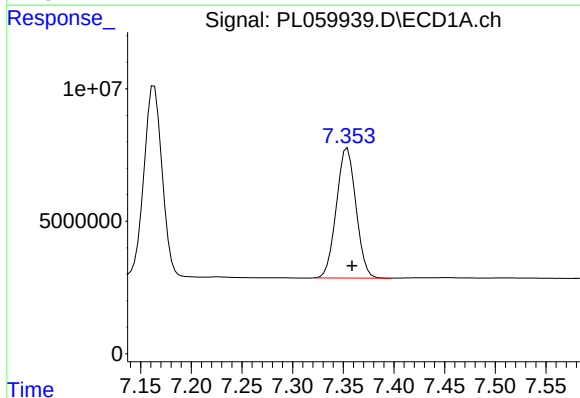
Manual Integrations  
APPROVED

Ankita  
7/17/2020 11:42:46 AM



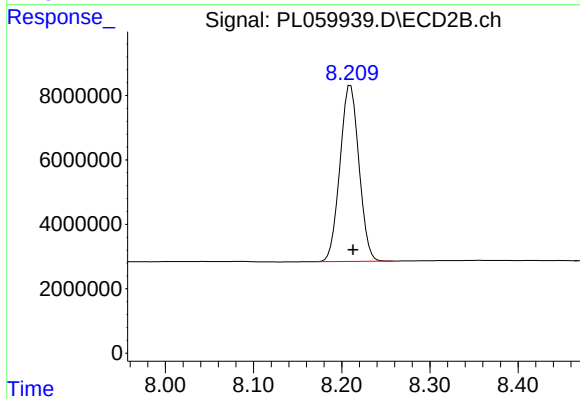
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: -0.003 min  
Response: 115737409  
Conc: 44.81 ng/ml



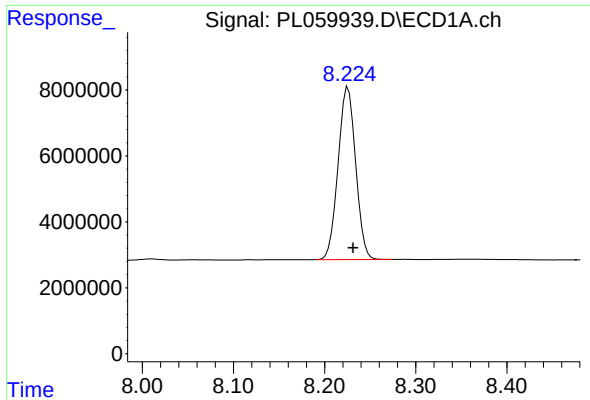
#22 Mirex

R.T.: 7.354 min  
Delta R.T.: -0.004 min  
Response: 65893981  
Conc: 46.32 ng/ml



#22 Mirex

R.T.: 8.210 min  
Delta R.T.: -0.003 min  
Response: 81916982  
Conc: 44.32 ng/ml



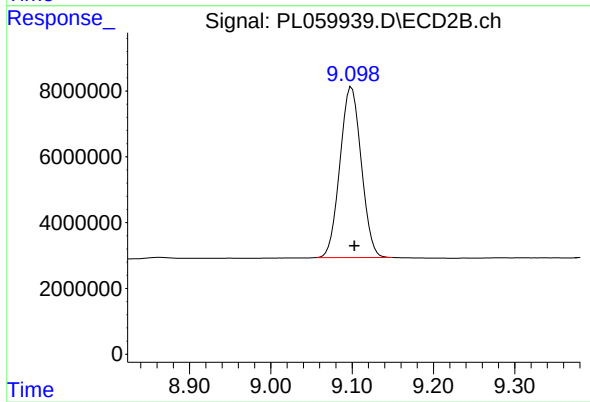
#28 Decachlorobiphenyl

R.T.: 8.226 min  
Delta R.T.: -0.005 min  
Response: 70167924  
Conc: 42.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Ankita  
7/17/2020 11:42:46 AM



#28 Decachlorobiphenyl

R.T.: 9.099 min  
Delta R.T.: -0.003 min  
Response: 94206070  
Conc: 45.04 ng/ml