

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061322\  
 Data File : PL075717.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2022 11:47  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/14/2022  
 Supervised By : Ankita Jodhani 06/14/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 15:37:23 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 07 02:04:29 2022  
 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... | 5.649  | 4.639  | 34709500 | 85140578 | 51.430  | 50.734  |
| 28)                         | SA Decachlor... | 11.643 | 10.383 | 27130484 | 58942759 | 44.315  | 41.835  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 6.232  | 5.341  | 49580122 | 121.2E6  | 52.747  | 53.525  |
| 3)                          | MA gamma-BHC... | 6.631  | 5.762  | 46337027 | 111.4E6  | 52.791  | 51.391  |
| 4)                          | MA Heptachlor   | 7.285  | 6.170  | 46243621 | 104.2E6  | 50.290  | 48.847  |
| 5)                          | MB Aldrin       | 7.657  | 6.494  | 41548963 | 97539013 | 50.604m | 49.664  |
| 6)                          | B beta-BHC      | 6.883  | 6.141  | 20059742 | 46394197 | 48.876  | 47.267  |
| 7)                          | B delta-BHC     | 7.153  | 6.401  | 33391137 | 108.0E6  | 43.394  | 50.457  |
| 8)                          | B Heptachlo...  | 8.125  | 7.068  | 35911593 | 88391167 | 46.458  | 48.305  |
| 9)                          | A Endosulfan I  | 8.534  | 7.470  | 36424814 | 81704562 | 52.059  | 48.850  |
| 10)                         | B gamma-Chl...  | 8.397  | 7.344  | 45386267 | 89117738 | 58.446  | 48.605  |
| 11)                         | B alpha-Chl...  | 8.478  | 7.413  | 40881646 | 88299110 | 53.608  | 48.360  |
| 12)                         | B 4,4'-DDE      | 8.664  | 7.625  | 33879252 | 78229142 | 51.190  | 48.931  |
| 13)                         | MA Dieldrin     | 8.825  | 7.755  | 36467066 | 83232567 | 50.478  | 49.174  |
| 14)                         | MA Endrin       | 9.066  | 8.045  | 28365606 | 59110271 | 47.841  | 43.237  |
| 15)                         | B Endosulfa...  | 9.299  | 8.355  | 29571125 | 63070031 | 47.520  | 44.010  |
| 16)                         | A 4,4'-DDD      | 9.206  | 8.209  | 31854766 | 61107226 | 58.219  | 46.471  |
| 17)                         | MA 4,4'-DDT     | 9.524  | 8.469  | 31766866 | 64117287 | 49.591  | 45.610  |
| 18)                         | B Endrin al...  | 9.434  | 8.542  | 23984338 | 51397530 | 46.829  | 45.632  |
| 19)                         | B Endosulfa...  | 9.673  | 8.773  | 30286054 | 72697799 | 48.350  | 49.495  |
| 20)                         | A Methoxychlor  | 10.010 | 9.060  | 16117724 | 37428433 | 45.025  | 45.944m |
| 21)                         | B Endrin ke...  | 10.172 | 9.291  | 34545159 | 76300396 | 49.123m | 47.267  |
| 22)                         | Mirex           | 10.647 | 9.477  | 25308902 | 53971199 | 44.970  | 42.030  |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061322\  
Data File : PL075717.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2022 11:47  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

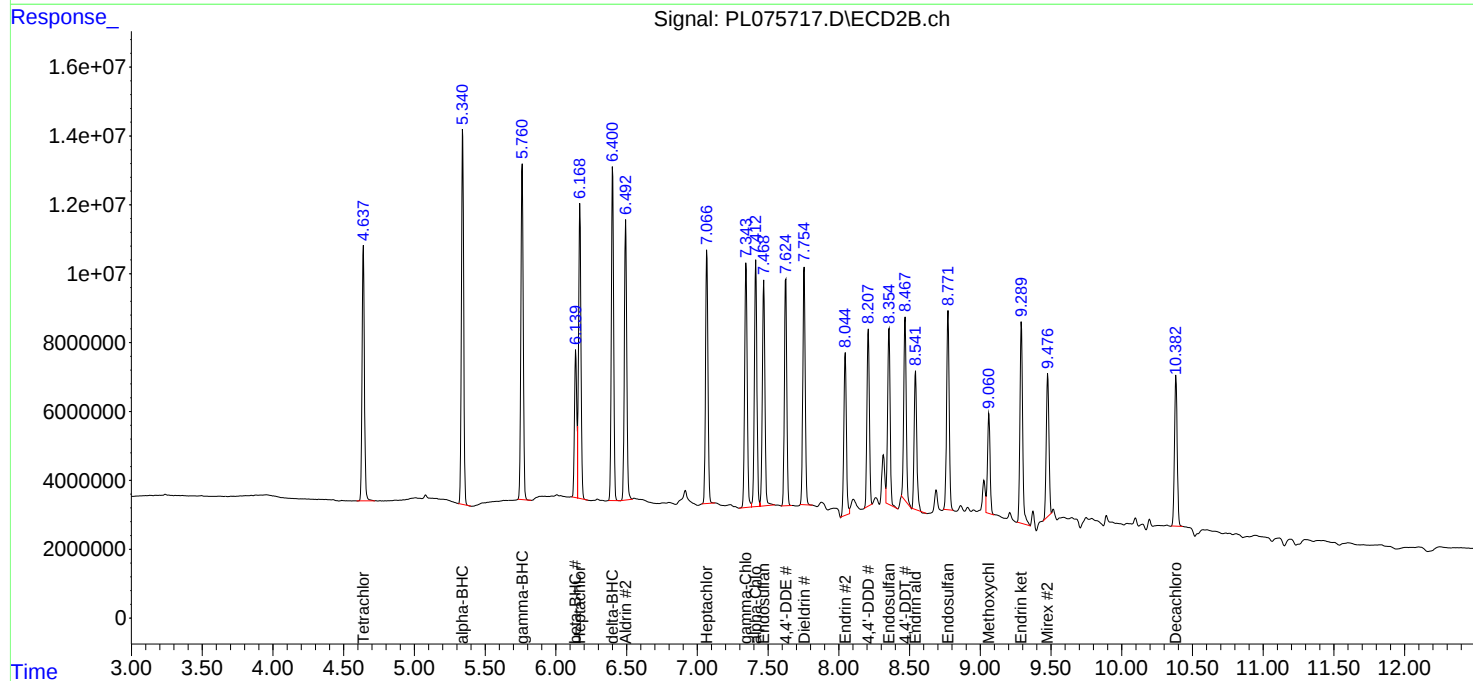
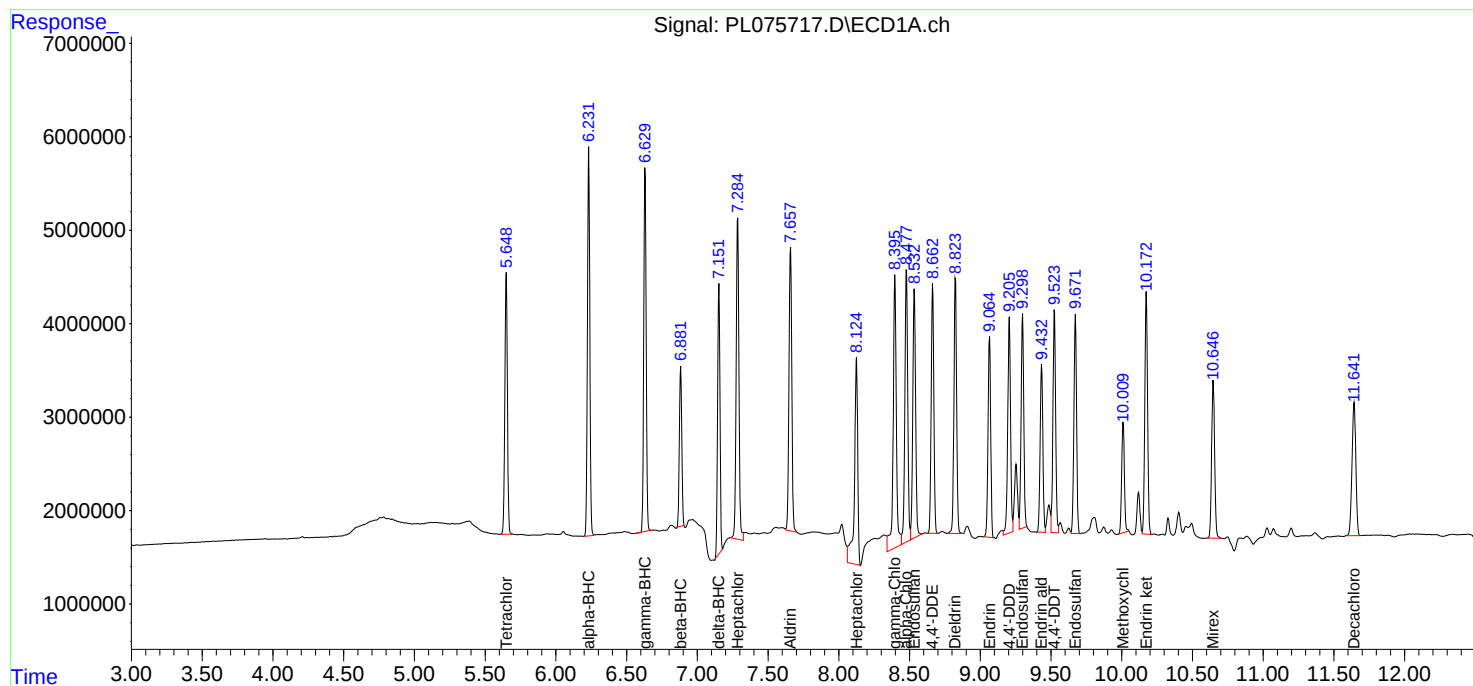
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

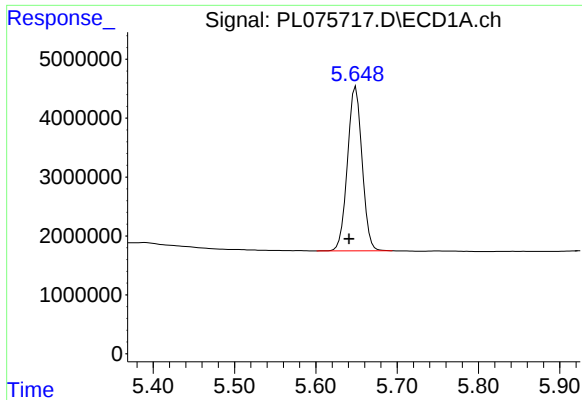
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 15:37:23 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 07 02:04:29 2022  
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





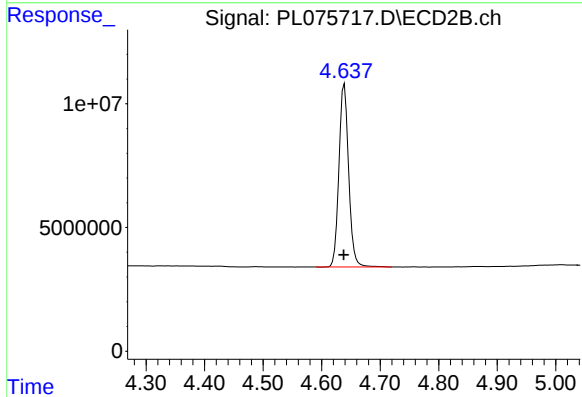
#1 Tetrachloro-m-xylene

R.T.: 5.649 min  
Delta R.T.: 0.008 min  
Response: 34709500  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

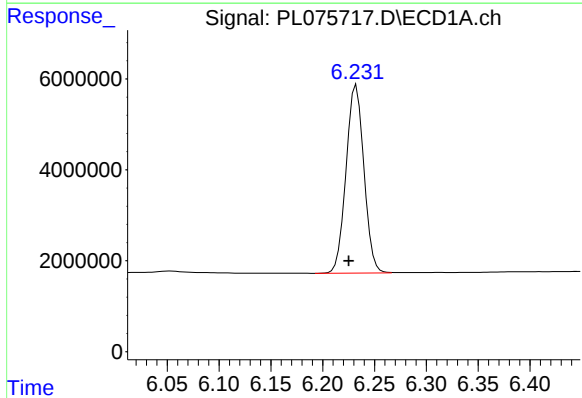
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022



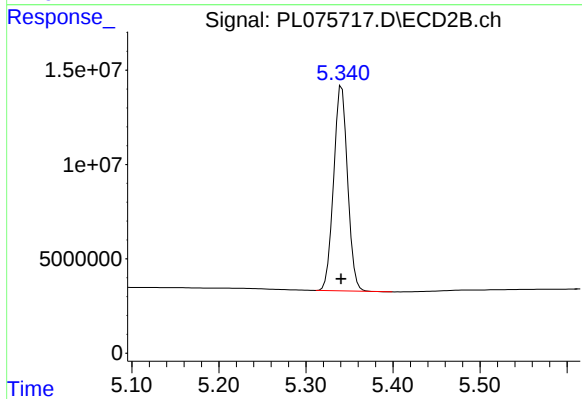
#1 Tetrachloro-m-xylene

R.T.: 4.639 min  
Delta R.T.: 0.001 min  
Response: 85140578  
Conc: 50.73 ng/ml



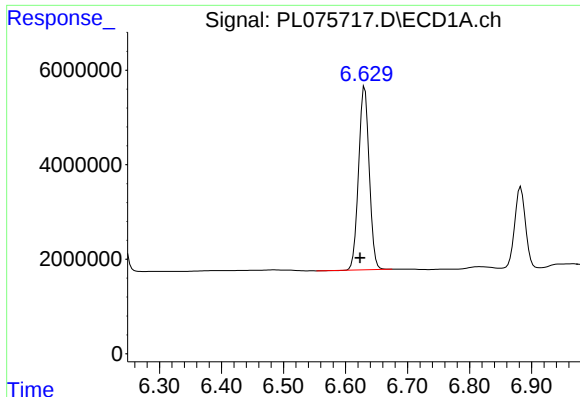
#2 alpha-BHC

R.T.: 6.232 min  
Delta R.T.: 0.007 min  
Response: 49580122  
Conc: 52.75 ng/ml



#2 alpha-BHC

R.T.: 5.341 min  
Delta R.T.: 0.000 min  
Response: 121195121  
Conc: 53.52 ng/ml



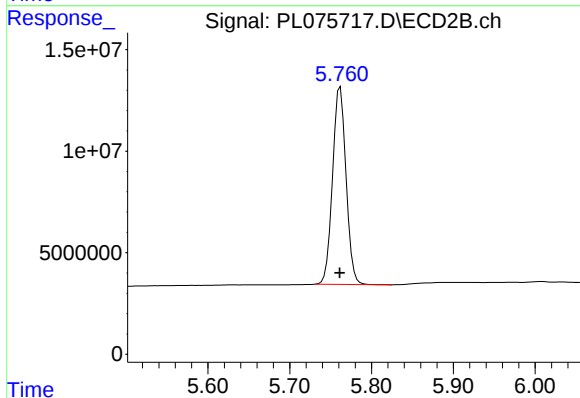
#3 gamma-BHC (Lindane)

R.T.: 6.631 min  
Delta R.T.: 0.008 min  
Response: 46337027  
Conc: 52.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

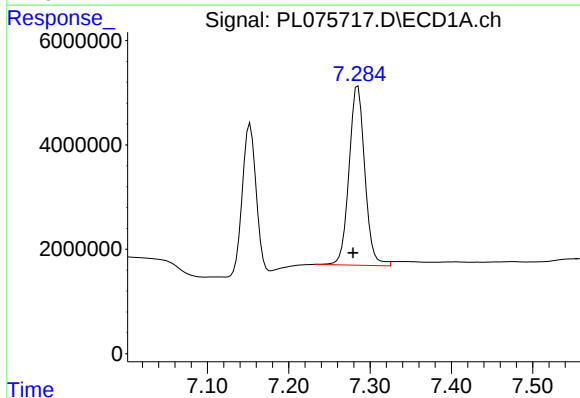
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022



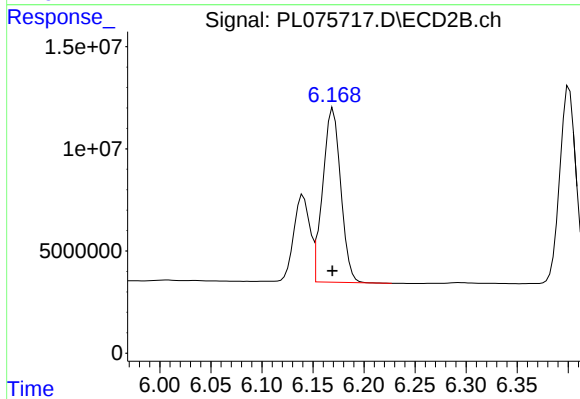
#3 gamma-BHC (Lindane)

R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 111444978  
Conc: 51.39 ng/ml



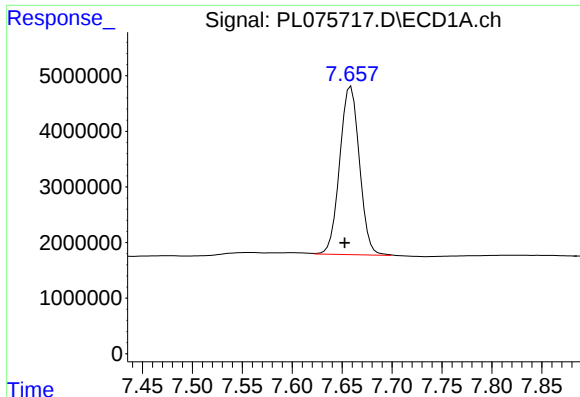
#4 Heptachlor

R.T.: 7.285 min  
Delta R.T.: 0.006 min  
Response: 46243621  
Conc: 50.29 ng/ml



#4 Heptachlor

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 104150306  
Conc: 48.85 ng/ml



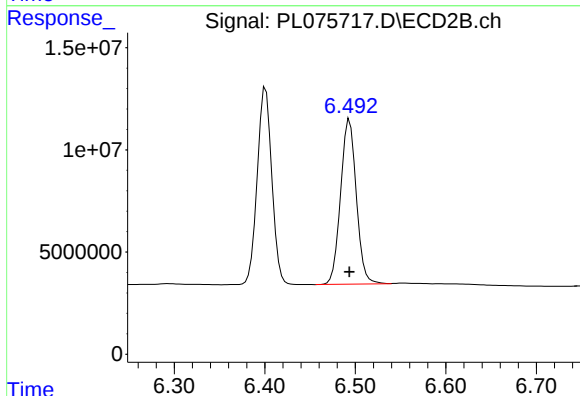
#5 Aldrin

R.T.: 7.657 min  
Delta R.T.: 0.005 min  
Response: 41548963  
Conc: 50.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

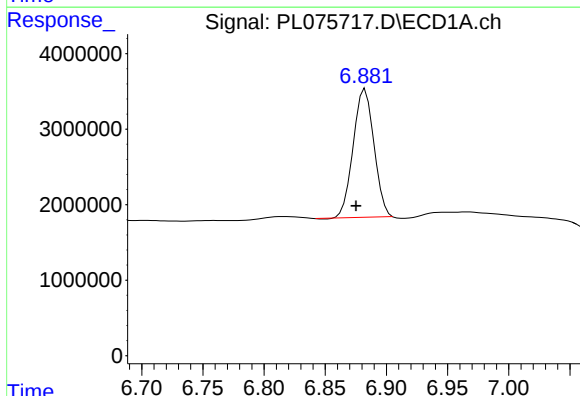
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022



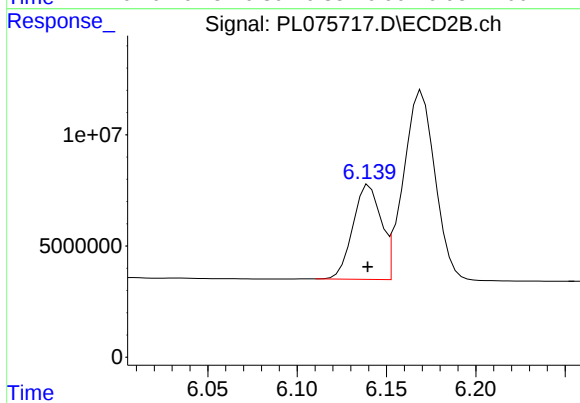
#5 Aldrin

R.T.: 6.494 min  
Delta R.T.: 0.000 min  
Response: 97539013  
Conc: 49.66 ng/ml



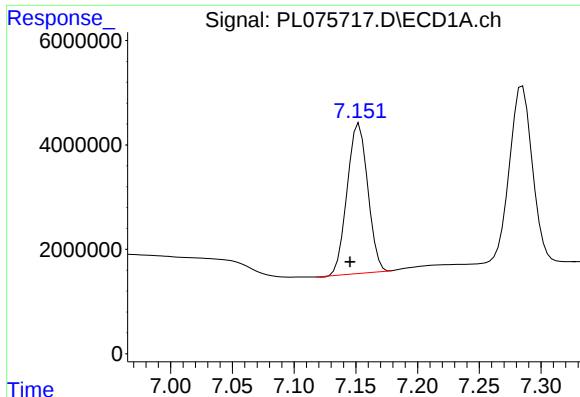
#6 beta-BHC

R.T.: 6.883 min  
Delta R.T.: 0.008 min  
Response: 20059742  
Conc: 48.88 ng/ml



#6 beta-BHC

R.T.: 6.141 min  
Delta R.T.: 0.001 min  
Response: 46394197  
Conc: 47.27 ng/ml



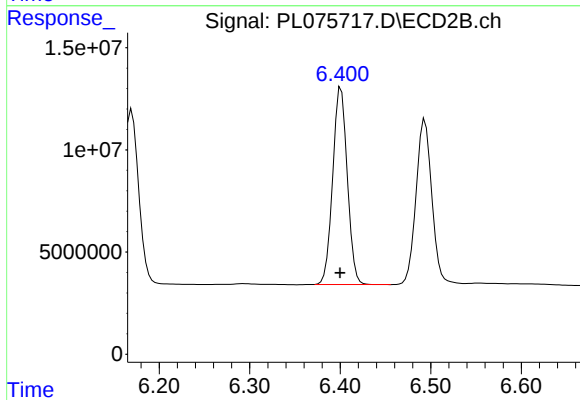
#7 delta-BHC

R.T.: 7.153 min  
Delta R.T.: 0.007 min  
Response: 33391137  
Conc: 43.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

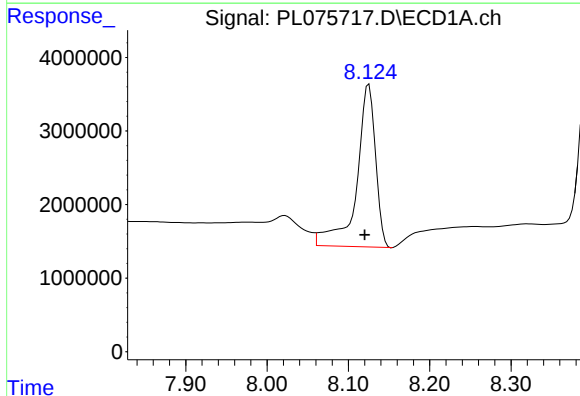
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022



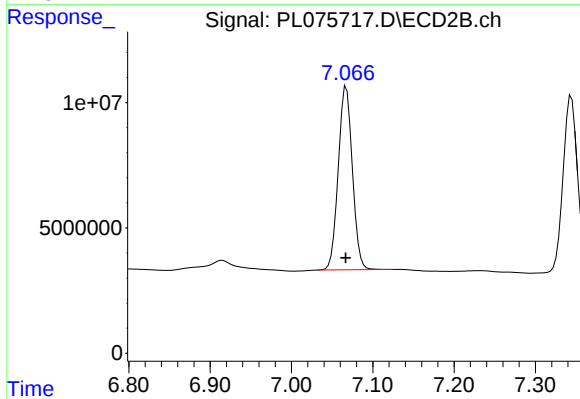
#7 delta-BHC

R.T.: 6.401 min  
Delta R.T.: 0.001 min  
Response: 108021759  
Conc: 50.46 ng/ml



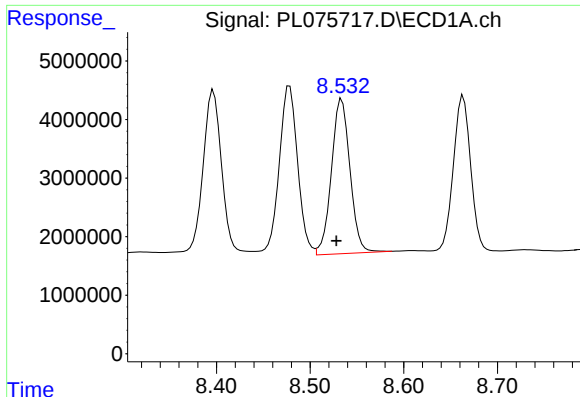
#8 Heptachlor epoxide

R.T.: 8.125 min  
Delta R.T.: 0.005 min  
Response: 35911593  
Conc: 46.46 ng/ml



#8 Heptachlor epoxide

R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 88391167  
Conc: 48.30 ng/ml



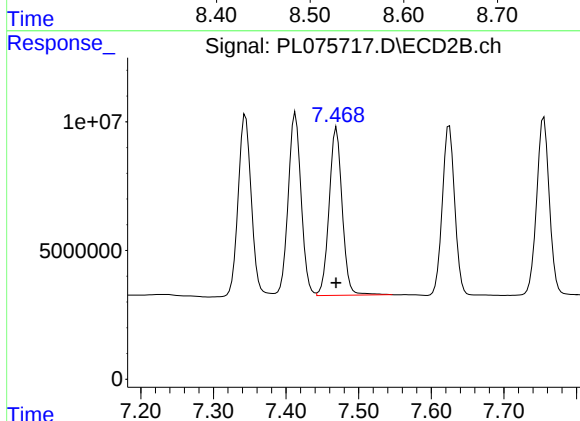
#9 Endosulfan I

R.T.: 8.534 min  
Delta R.T.: 0.006 min  
Response: 36424814  
Conc: 52.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

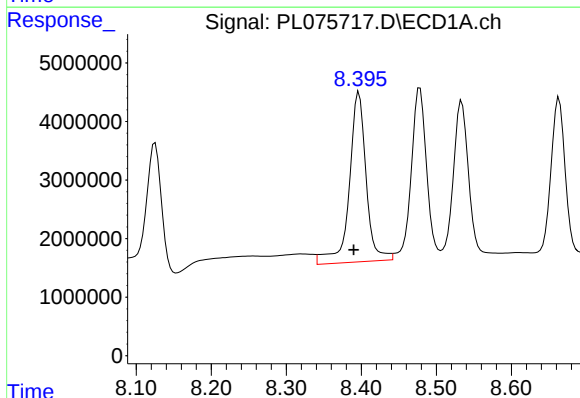
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022



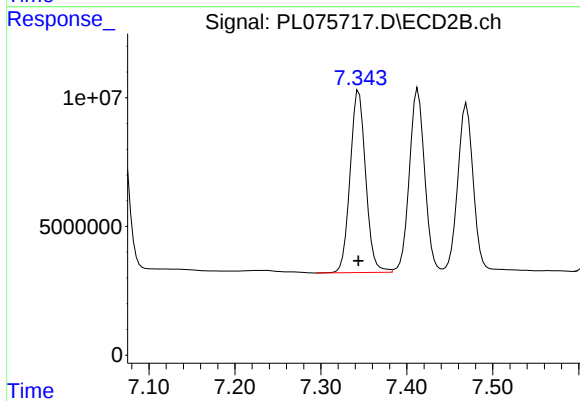
#9 Endosulfan I

R.T.: 7.470 min  
Delta R.T.: 0.000 min  
Response: 81704562  
Conc: 48.85 ng/ml



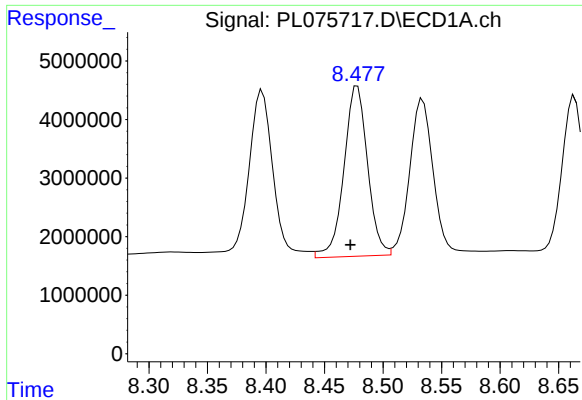
#10 gamma-Chlordane

R.T.: 8.397 min  
Delta R.T.: 0.007 min  
Response: 45386267  
Conc: 58.45 ng/ml



#10 gamma-Chlordane

R.T.: 7.344 min  
Delta R.T.: 0.000 min  
Response: 89117738  
Conc: 48.60 ng/ml



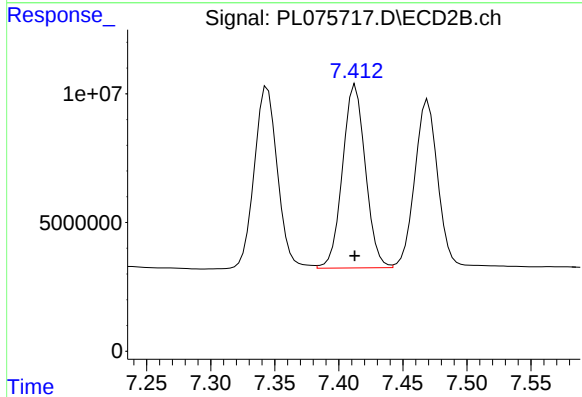
#11 alpha-Chlordane

R.T.: 8.478 min  
Delta R.T.: 0.006 min  
Response: 40881646  
Conc: 53.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

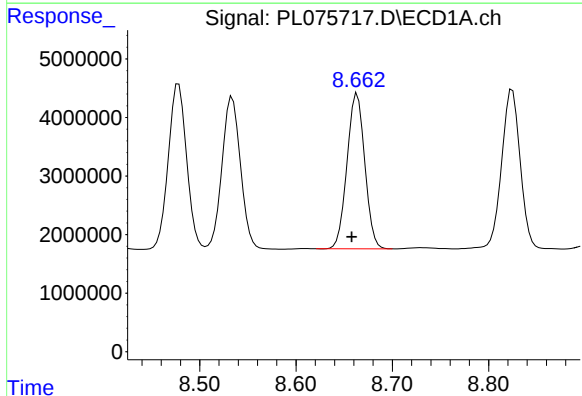
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022



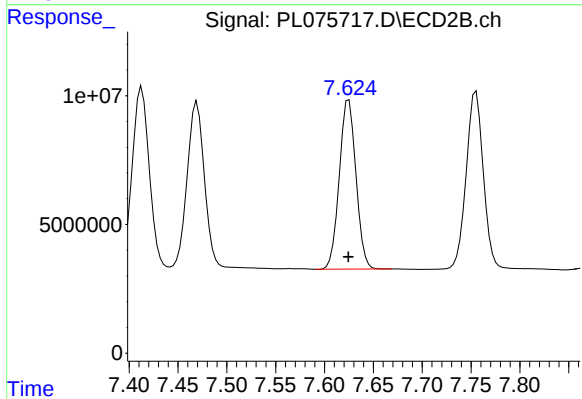
#11 alpha-Chlordane

R.T.: 7.413 min  
Delta R.T.: 0.000 min  
Response: 88299110  
Conc: 48.36 ng/ml



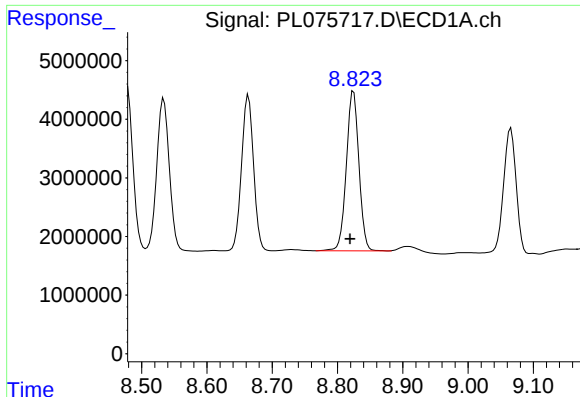
#12 4,4'-DDE

R.T.: 8.664 min  
Delta R.T.: 0.006 min  
Response: 33879252  
Conc: 51.19 ng/ml



#12 4,4'-DDE

R.T.: 7.625 min  
Delta R.T.: 0.000 min  
Response: 78229142  
Conc: 48.93 ng/ml



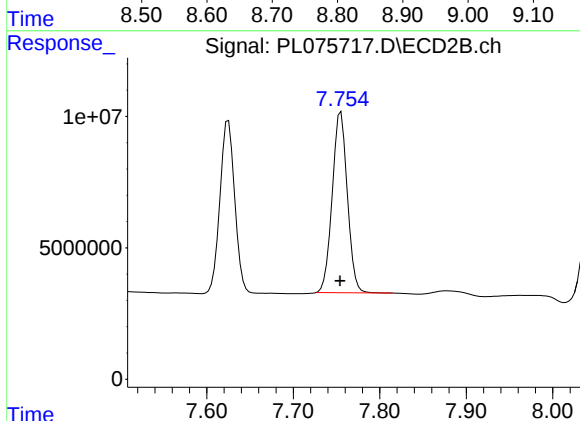
#13 Dieldrin

R.T.: 8.825 min  
Delta R.T.: 0.005 min  
Response: 36467066  
Conc: 50.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

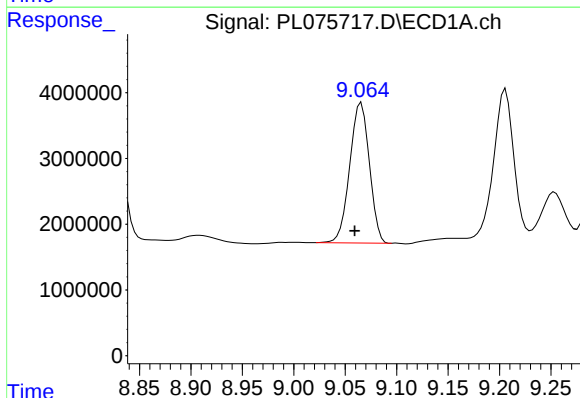
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022



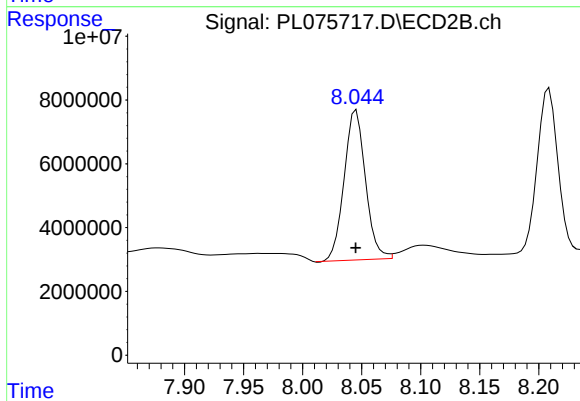
#13 Dieldrin

R.T.: 7.755 min  
Delta R.T.: 0.001 min  
Response: 83232567  
Conc: 49.17 ng/ml



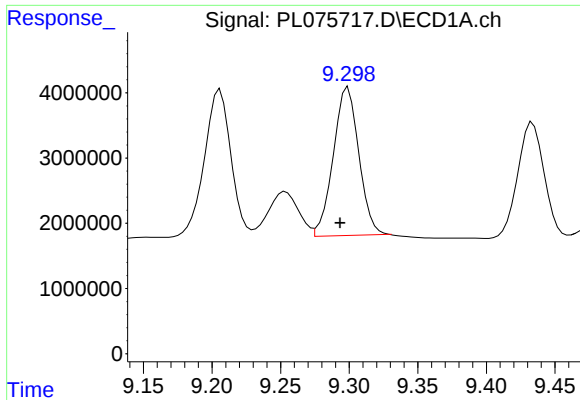
#14 Endrin

R.T.: 9.066 min  
Delta R.T.: 0.006 min  
Response: 28365606  
Conc: 47.84 ng/ml



#14 Endrin

R.T.: 8.045 min  
Delta R.T.: 0.000 min  
Response: 59110271  
Conc: 43.24 ng/ml



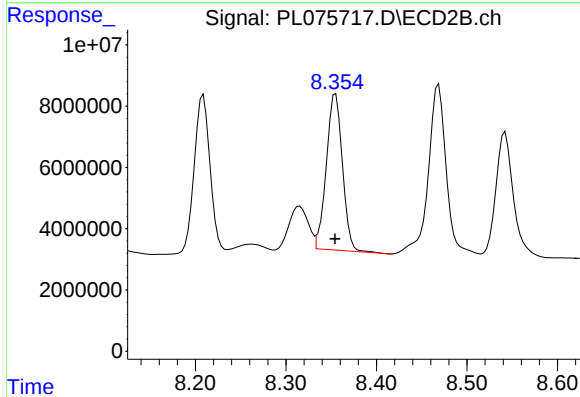
#15 Endosulfan II

R.T.: 9.299 min  
Delta R.T.: 0.006 min  
Response: 29571125  
Conc: 47.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

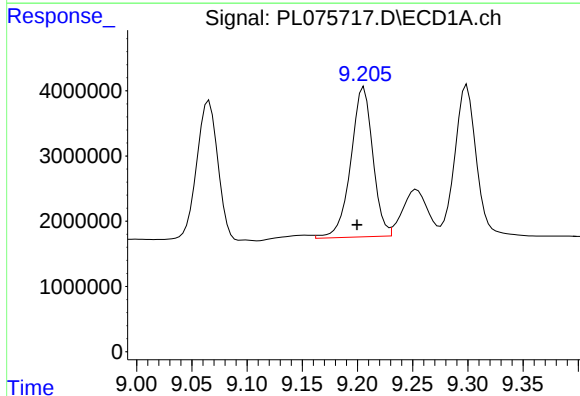
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022



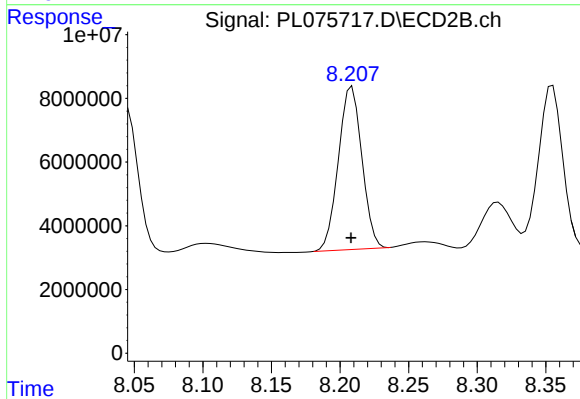
#15 Endosulfan II

R.T.: 8.355 min  
Delta R.T.: 0.000 min  
Response: 63070031  
Conc: 44.01 ng/ml



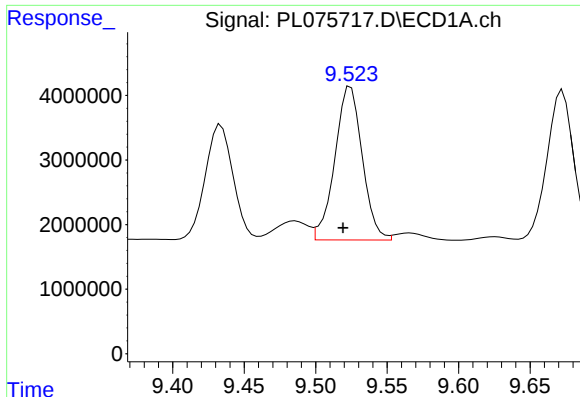
#16 4,4'-DDD

R.T.: 9.206 min  
Delta R.T.: 0.006 min  
Response: 31854766  
Conc: 58.22 ng/ml



#16 4,4'-DDD

R.T.: 8.209 min  
Delta R.T.: 0.000 min  
Response: 61107226  
Conc: 46.47 ng/ml



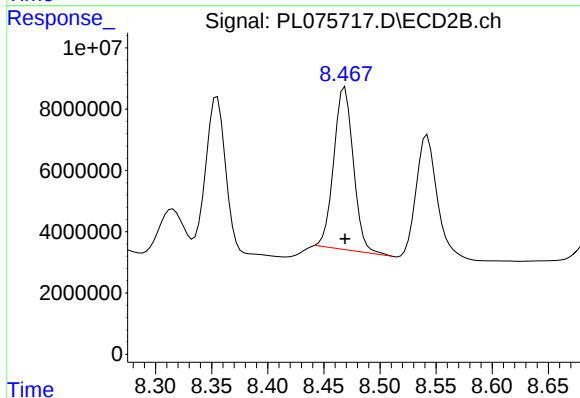
#17 4,4'-DDT

R.T.: 9.524 min  
Delta R.T.: 0.005 min  
Response: 31766866  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

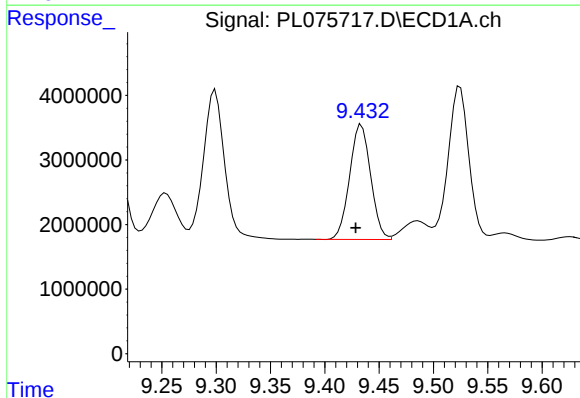
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022



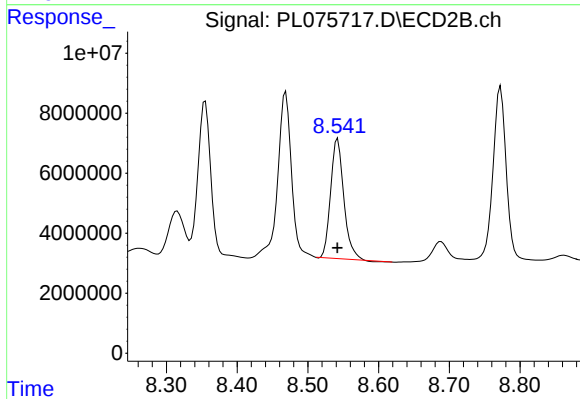
#17 4,4'-DDT

R.T.: 8.469 min  
Delta R.T.: 0.000 min  
Response: 64117287  
Conc: 45.61 ng/ml



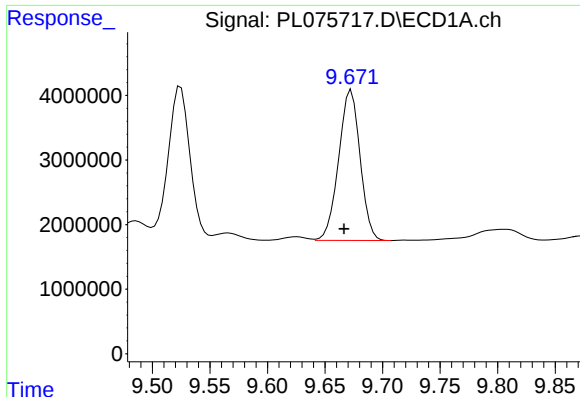
#18 Endrin aldehyde

R.T.: 9.434 min  
Delta R.T.: 0.005 min  
Response: 23984338  
Conc: 46.83 ng/ml



#18 Endrin aldehyde

R.T.: 8.542 min  
Delta R.T.: 0.000 min  
Response: 51397530  
Conc: 45.63 ng/ml



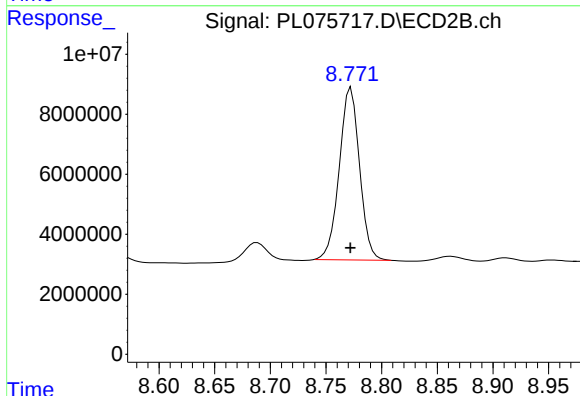
#19 Endosulfan Sulfate

R.T.: 9.673 min  
Delta R.T.: 0.006 min  
Response: 30286054  
Conc: 48.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

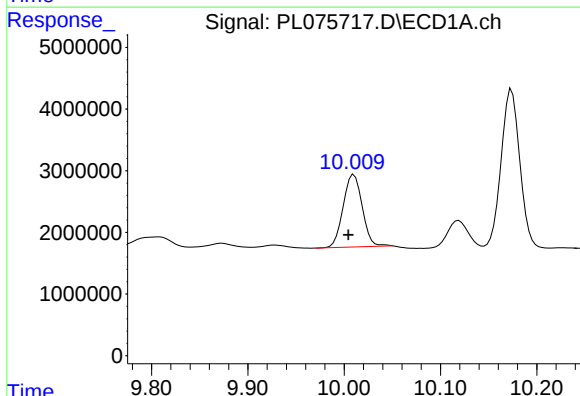
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022



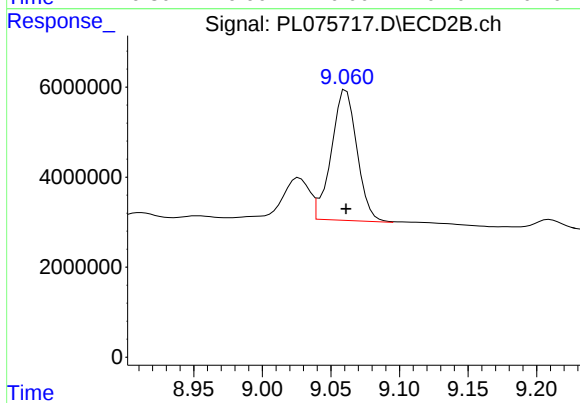
#19 Endosulfan Sulfate

R.T.: 8.773 min  
Delta R.T.: 0.000 min  
Response: 72697799  
Conc: 49.50 ng/ml



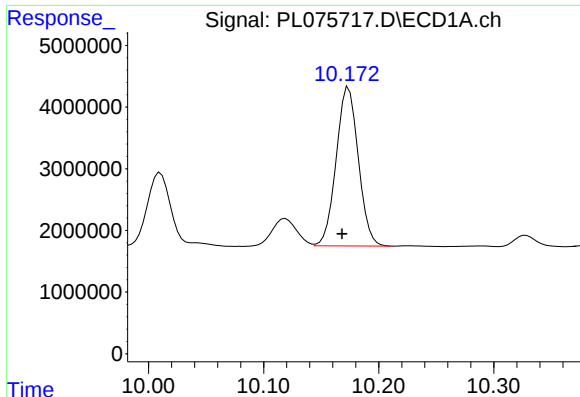
#20 Methoxychlor

R.T.: 10.010 min  
Delta R.T.: 0.006 min  
Response: 16117724  
Conc: 45.03 ng/ml



#20 Methoxychlor

R.T.: 9.060 min  
Delta R.T.: -0.001 min  
Response: 37428433  
Conc: 45.94 ng/ml m



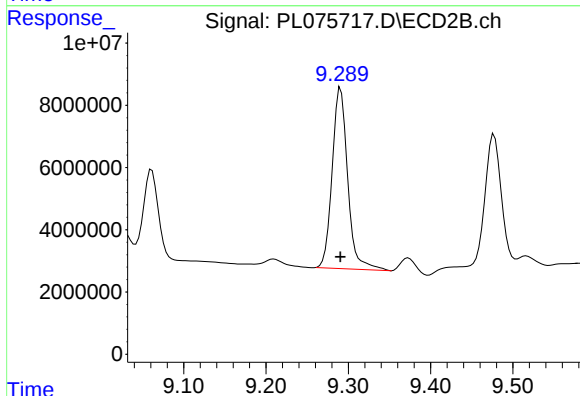
#21 Endrin ketone

R.T.: 10.172 min  
Delta R.T.: 0.004 min  
Response: 34545159  
Conc: 49.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

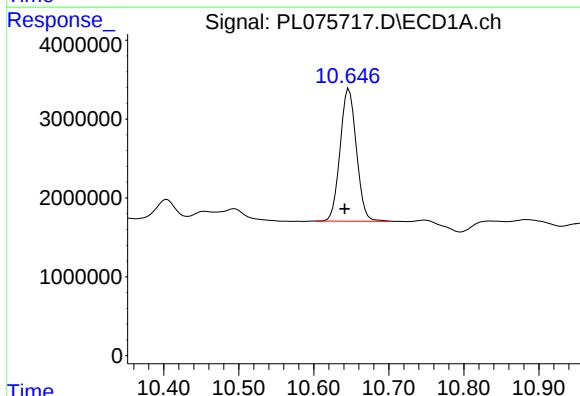
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022



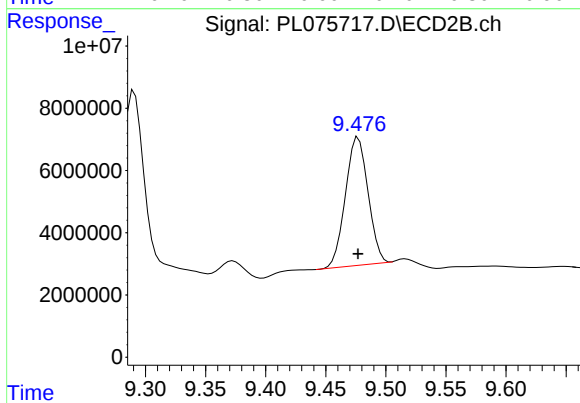
#21 Endrin ketone

R.T.: 9.291 min  
Delta R.T.: 0.000 min  
Response: 76300396  
Conc: 47.27 ng/ml



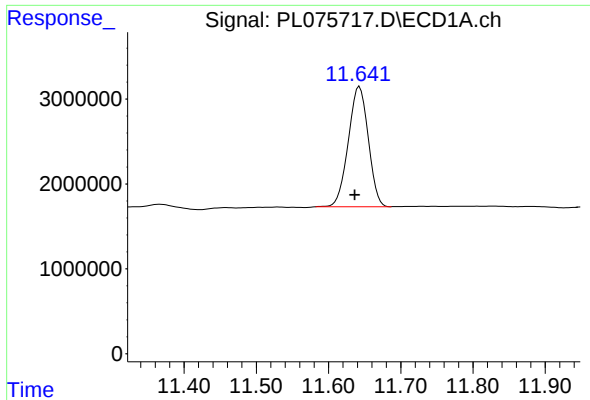
#22 Mirex

R.T.: 10.647 min  
Delta R.T.: 0.006 min  
Response: 25308902  
Conc: 44.97 ng/ml



#22 Mirex

R.T.: 9.477 min  
Delta R.T.: 0.000 min  
Response: 53971199  
Conc: 42.03 ng/ml



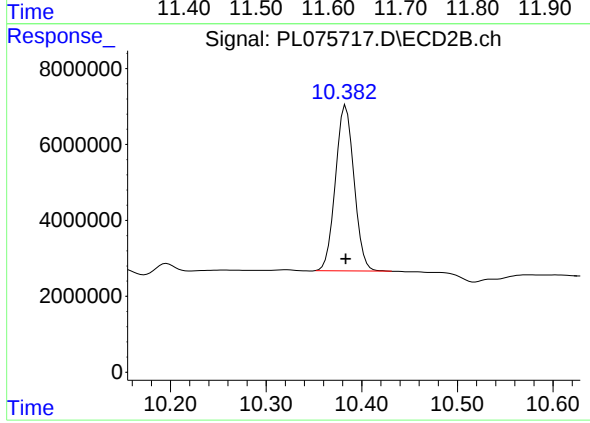
#28 Decachlorobiphenyl

R.T.: 11.643 min  
Delta R.T.: 0.007 min  
Response: 27130484  
Conc: 44.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/14/2022  
Supervised By :Ankita Jodhani 06/14/2022



#28 Decachlorobiphenyl

R.T.: 10.383 min  
Delta R.T.: 0.000 min  
Response: 58942759  
Conc: 41.83 ng/ml