

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123022\  
 Data File : PL079963.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Dec 2022 15:21  
 Operator : AR\AJ  
 Sample : PSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDICC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
 Supervised By :Ankita Jodhani 12/30/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 29 16:50:37 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 29 16:49:36 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... | 3.363 | 2.696 | 69553654 | 92501391 | 50.000 | 50.000  |
| 28)                         | SA Decachlor... | 8.803 | 7.858 | 69529087 | 83943644 | 50.000 | 50.000  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.812 | 3.198 | 97374741 | 128.7E6  | 50.000 | 50.000  |
| 3)                          | MA gamma-BHC... | 4.140 | 3.527 | 88703062 | 121.9E6  | 50.000 | 50.000  |
| 4)                          | MA Heptachlor   | 4.724 | 3.871 | 89012591 | 108.3E6  | 50.000 | 50.000  |
| 5)                          | MB Aldrin       | 5.062 | 4.151 | 84669543 | 116.0E6  | 50.000 | 50.000  |
| 6)                          | B beta-BHC      | 4.335 | 3.822 | 41344414 | 54355565 | 50.000 | 50.000  |
| 7)                          | B delta-BHC     | 4.578 | 4.053 | 86386911 | 117.1E6  | 50.000 | 50.000  |
| 8)                          | B Heptachlo...  | 5.487 | 4.654 | 82206357 | 105.9E6  | 50.000 | 50.000  |
| 9)                          | A Endosulfan I  | 5.869 | 5.024 | 77592671 | 99693081 | 50.000 | 50.000  |
| 10)                         | B gamma-Chl...  | 5.741 | 4.906 | 82936061 | 107.3E6  | 50.000 | 50.000  |
| 11)                         | B alpha-Chl...  | 5.820 | 4.970 | 82446463 | 106.9E6  | 50.000 | 50.000  |
| 12)                         | B 4,4'-DDE      | 5.998 | 5.164 | 73161264 | 92431968 | 50.000 | 50.000  |
| 13)                         | MA Dieldrin     | 6.143 | 5.290 | 79035802 | 100.1E6  | 50.000 | 50.000  |
| 14)                         | MA Endrin       | 6.371 | 5.564 | 63994191 | 77136296 | 50.000 | 50.000  |
| 15)                         | B Endosulfa...  | 6.589 | 5.857 | 73724943 | 84328933 | 50.000 | 50.001m |
| 16)                         | A 4,4'-DDD      | 6.511 | 5.718 | 62892651 | 77082873 | 50.000 | 50.000  |
| 17)                         | MA 4,4'-DDT     | 6.824 | 5.970 | 63367983 | 66264731 | 50.000 | 50.000  |
| 18)                         | B Endrin al...  | 6.718 | 6.039 | 54423445 | 65450290 | 50.000 | 50.000  |
| 19)                         | B Endosulfa...  | 6.952 | 6.262 | 72770451 | 85459150 | 50.000 | 50.000  |
| 20)                         | A Methoxychlor  | 7.303 | 6.551 | 35973375 | 39225278 | 50.000 | 50.000  |
| 21)                         | B Endrin ke...  | 7.433 | 6.767 | 77636865 | 94645984 | 50.000 | 50.000  |
| 22)                         | Mirex           | 7.904 | 6.954 | 65078521 | 77090540 | 50.000 | 50.000  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123022\  
Data File : PL079963.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Dec 2022 15:21  
Operator : AR\AJ  
Sample : PSTDICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDICC050

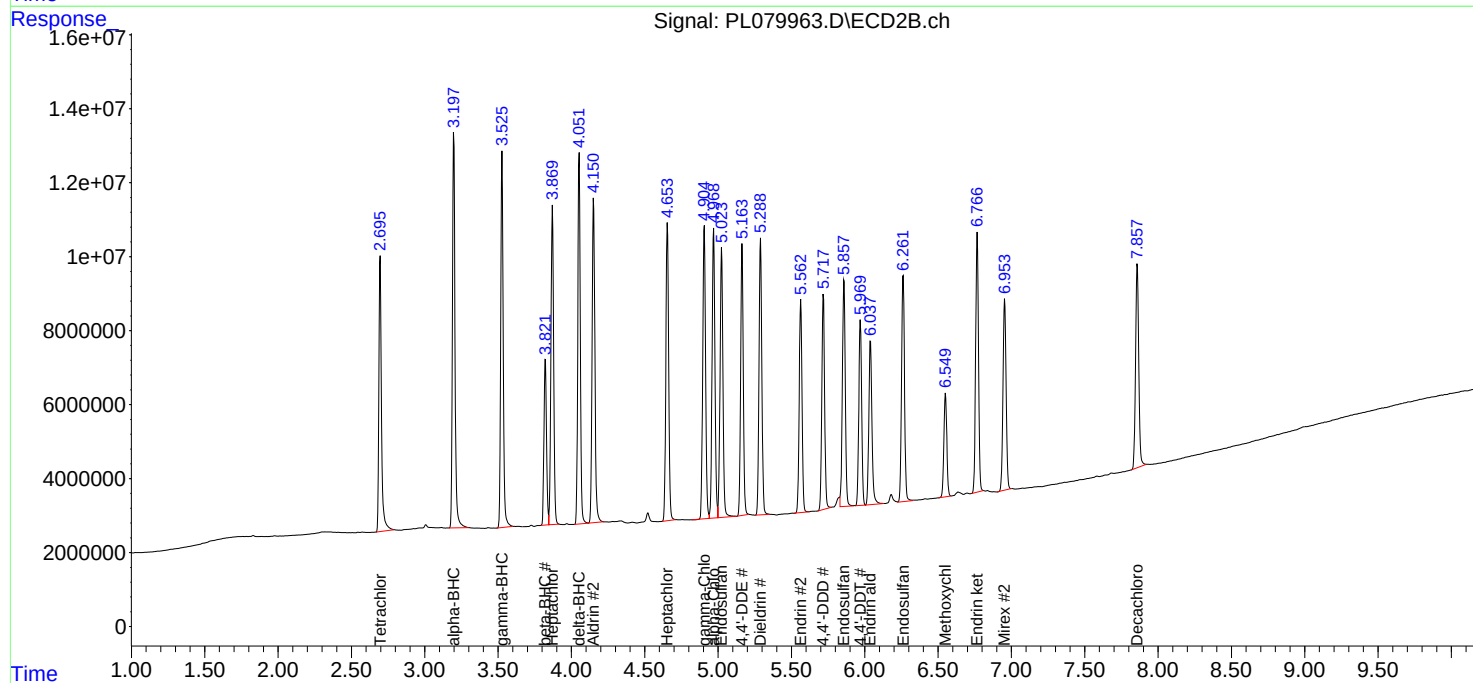
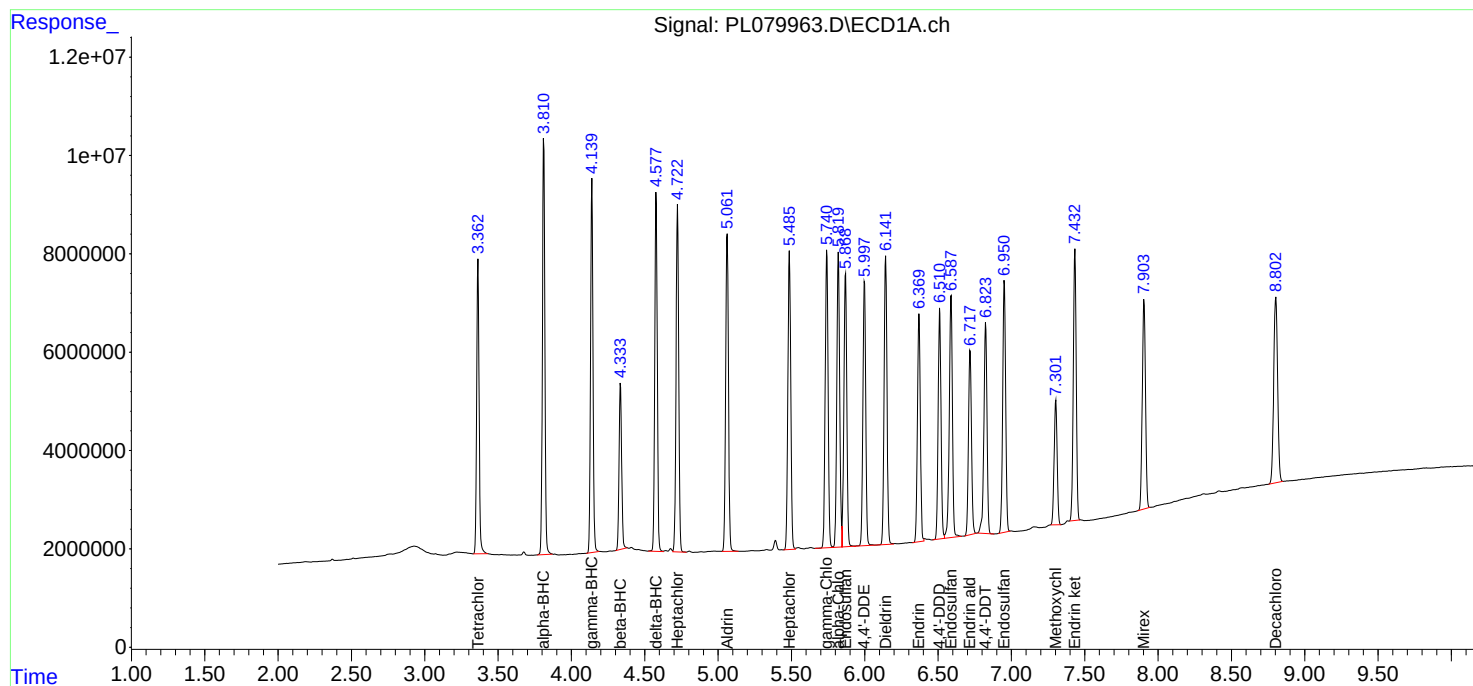
## Manual Integrations

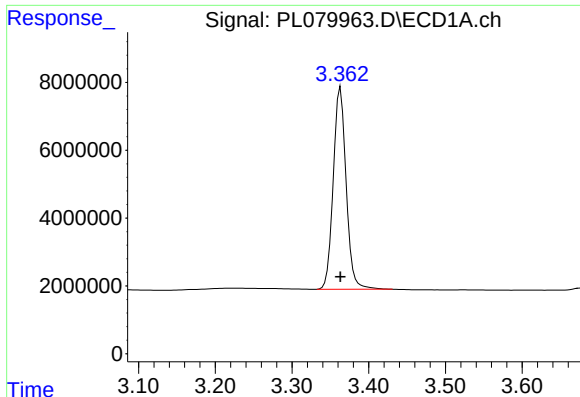
## APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 29 16:50:37 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 29 16:49:36 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





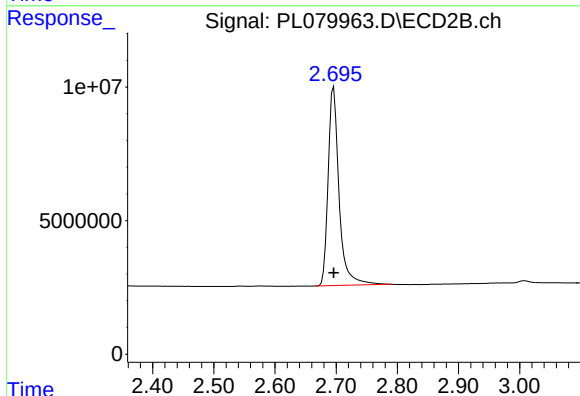
#1 Tetrachloro-m-xylene

R.T.: 3.363 min  
Delta R.T.: 0.000 min  
Response: 69553654  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

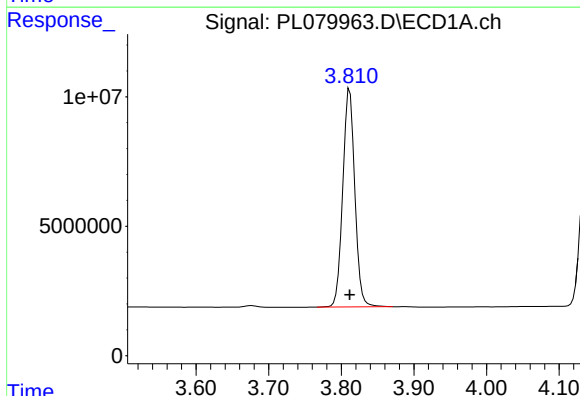
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



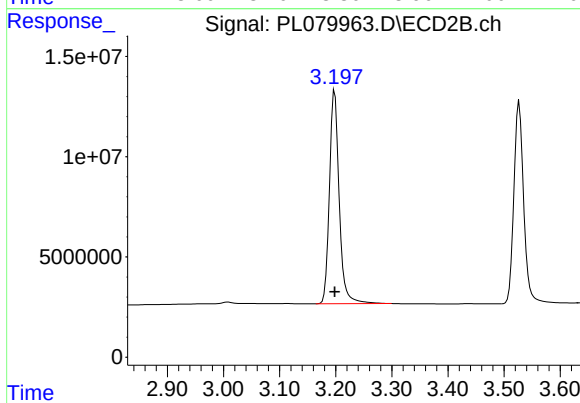
#1 Tetrachloro-m-xylene

R.T.: 2.696 min  
Delta R.T.: 0.000 min  
Response: 92501391  
Conc: 50.00 ng/ml



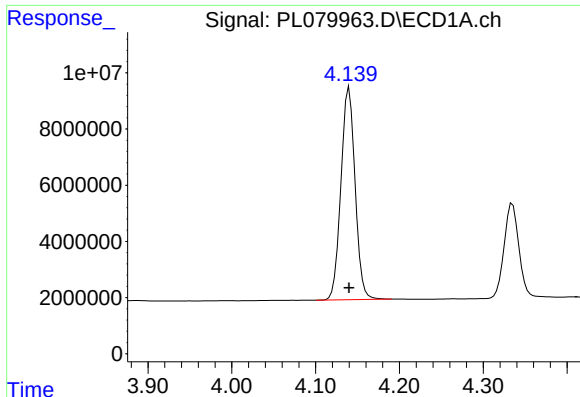
#2 alpha-BHC

R.T.: 3.812 min  
Delta R.T.: 0.000 min  
Response: 97374741  
Conc: 50.00 ng/ml



#2 alpha-BHC

R.T.: 3.198 min  
Delta R.T.: 0.000 min  
Response: 128735225  
Conc: 50.00 ng/ml



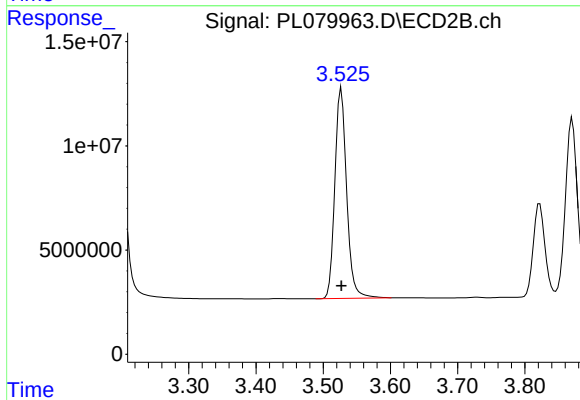
#3 gamma-BHC (Lindane)

R.T.: 4.140 min  
Delta R.T.: 0.000 min  
Response: 88703062  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

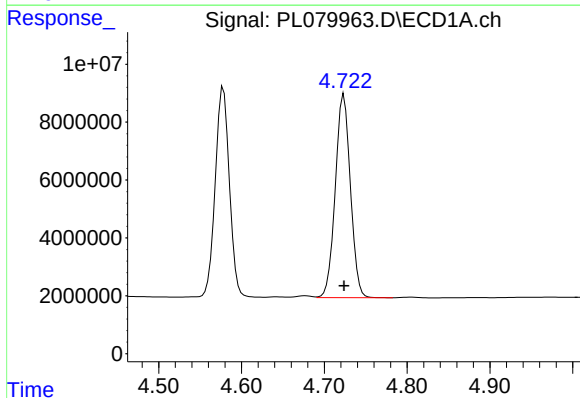
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



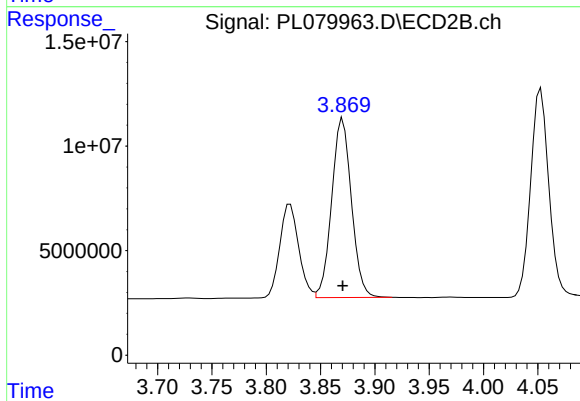
#3 gamma-BHC (Lindane)

R.T.: 3.527 min  
Delta R.T.: 0.000 min  
Response: 121865562  
Conc: 50.00 ng/ml



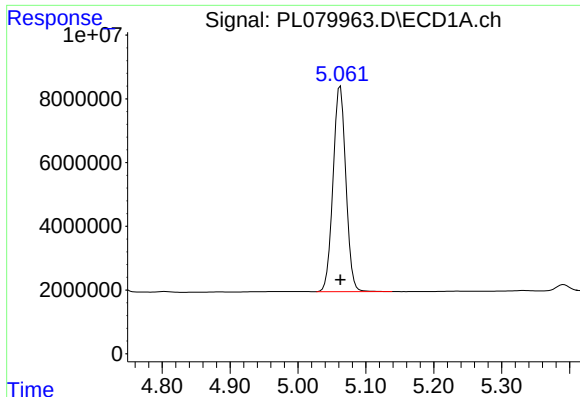
#4 Heptachlor

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 89012591  
Conc: 50.00 ng/ml



#4 Heptachlor

R.T.: 3.871 min  
Delta R.T.: 0.000 min  
Response: 108255775  
Conc: 50.00 ng/ml



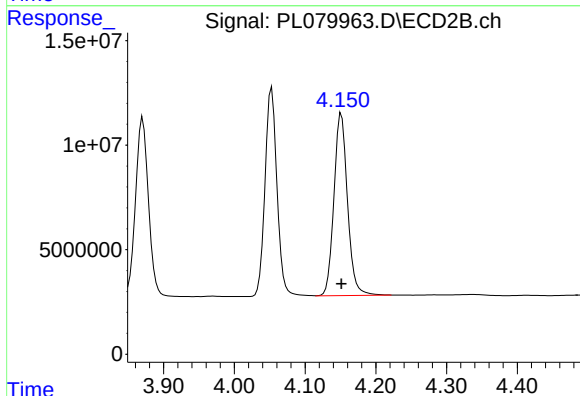
#5 Aldrin

R.T.: 5.062 min  
Delta R.T.: 0.000 min  
Response: 84669543  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

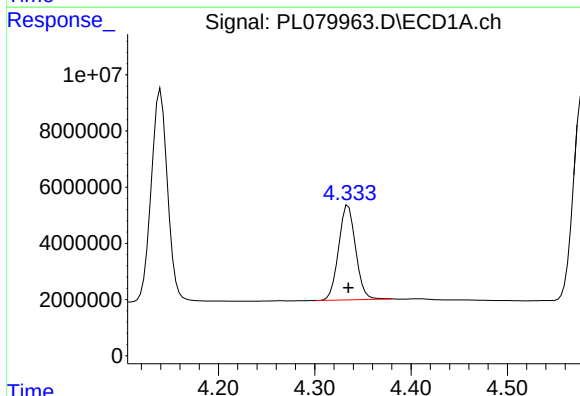
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



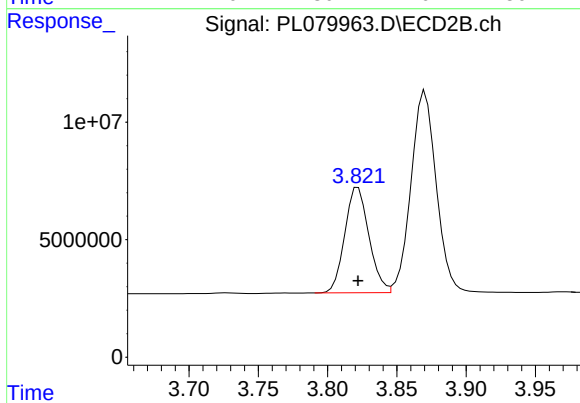
#5 Aldrin

R.T.: 4.151 min  
Delta R.T.: 0.000 min  
Response: 115999252  
Conc: 50.00 ng/ml



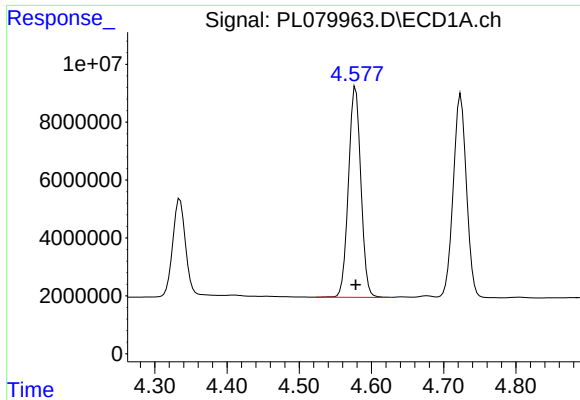
#6 beta-BHC

R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 41344414  
Conc: 50.00 ng/ml



#6 beta-BHC

R.T.: 3.822 min  
Delta R.T.: 0.000 min  
Response: 54355565  
Conc: 50.00 ng/ml



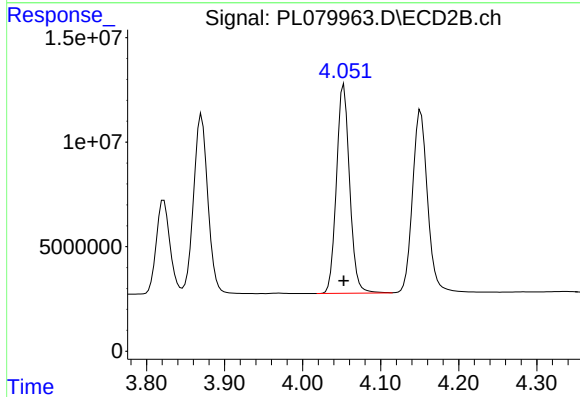
#7 delta-BHC

R.T.: 4.578 min  
Delta R.T.: 0.000 min  
Response: 86386911  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

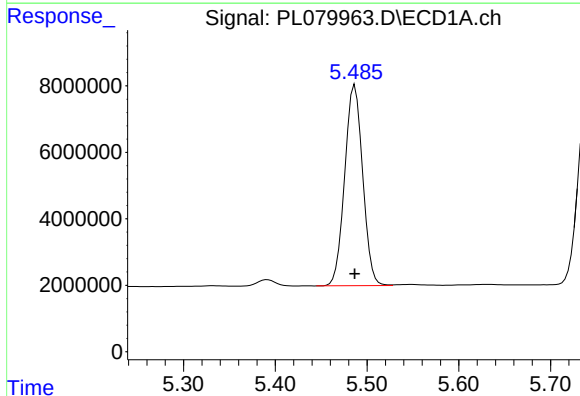
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



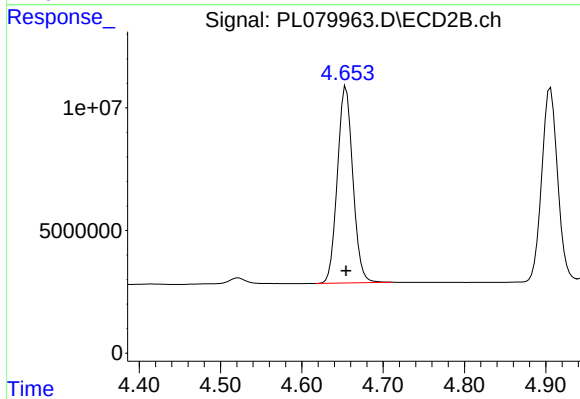
#7 delta-BHC

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 117109436  
Conc: 50.00 ng/ml



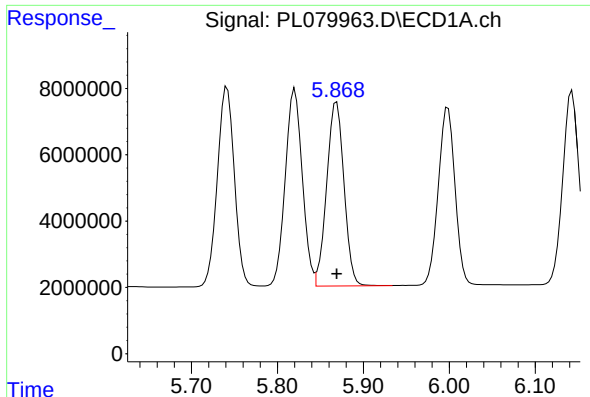
#8 Heptachlor epoxide

R.T.: 5.487 min  
Delta R.T.: 0.000 min  
Response: 82206357  
Conc: 50.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 105902391  
Conc: 50.00 ng/ml



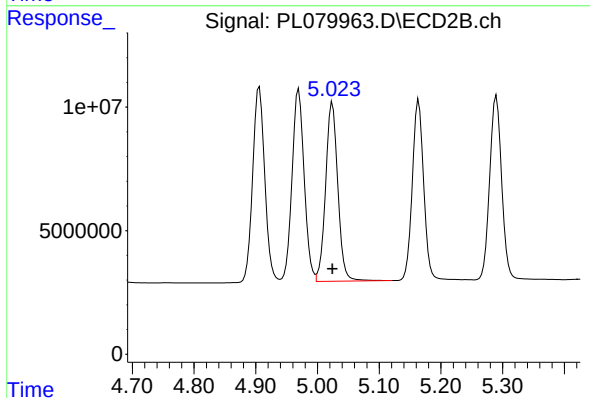
#9 Endosulfan I

R.T.: 5.869 min  
Delta R.T.: 0.000 min  
Response: 77592671  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

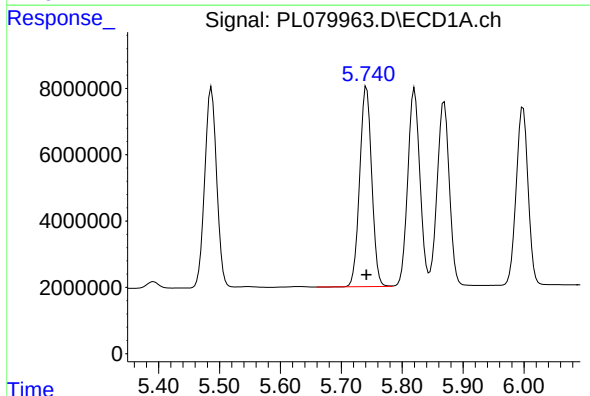
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



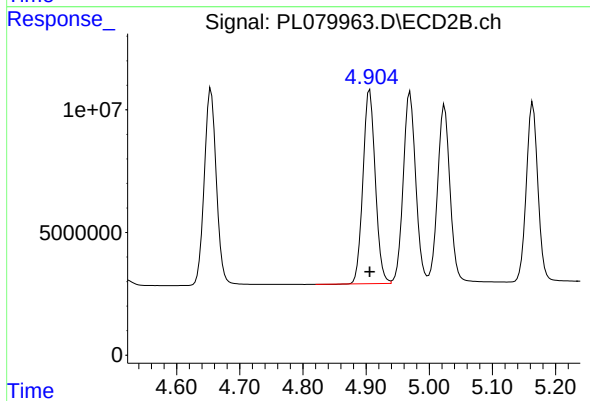
#9 Endosulfan I

R.T.: 5.024 min  
Delta R.T.: 0.000 min  
Response: 99693081  
Conc: 50.00 ng/ml



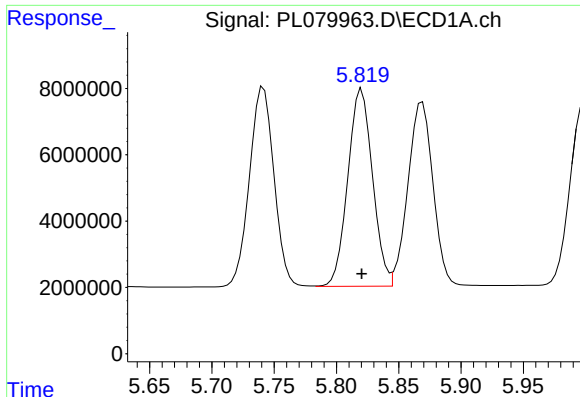
#10 gamma-Chlordane

R.T.: 5.741 min  
Delta R.T.: 0.000 min  
Response: 82936061  
Conc: 50.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.906 min  
Delta R.T.: 0.000 min  
Response: 107250095  
Conc: 50.00 ng/ml



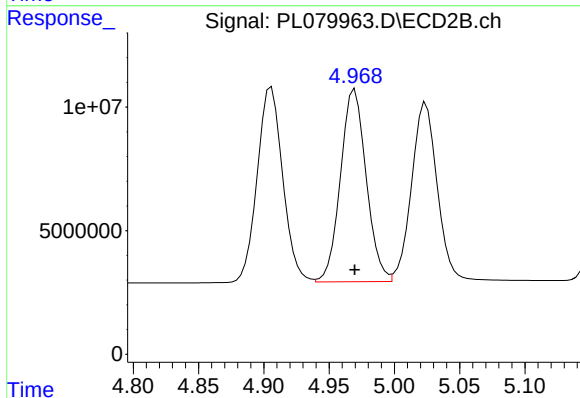
#11 alpha-Chlordane

R.T.: 5.820 min  
Delta R.T.: 0.000 min  
Response: 82446463  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

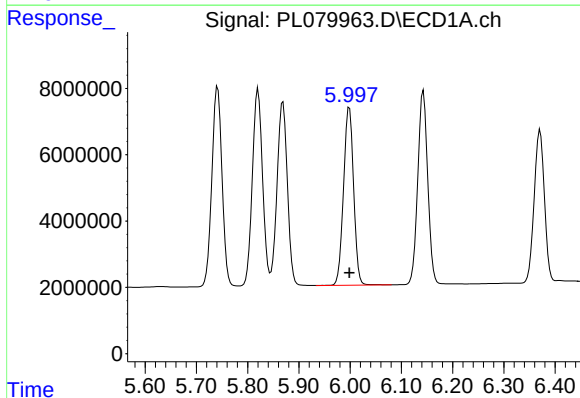
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



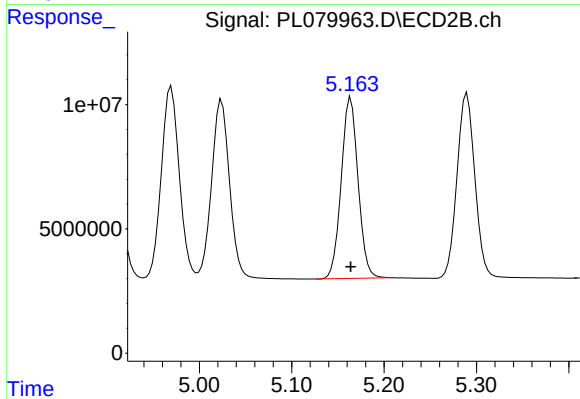
#11 alpha-Chlordane

R.T.: 4.970 min  
Delta R.T.: 0.000 min  
Response: 106949742  
Conc: 50.00 ng/ml



#12 4,4'-DDE

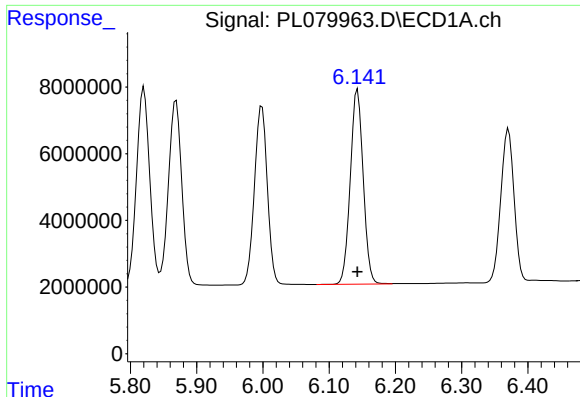
R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 73161264  
Conc: 50.00 ng/ml



#12 4,4'-DDE

R.T.: 5.164 min  
Delta R.T.: 0.000 min  
Response: 92431968  
Conc: 50.00 ng/ml





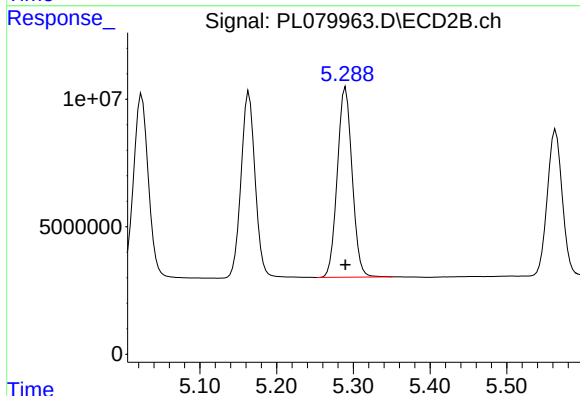
#13 Dieldrin

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 79035802  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

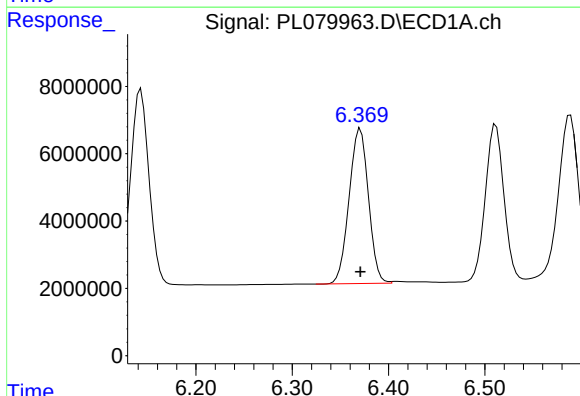
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



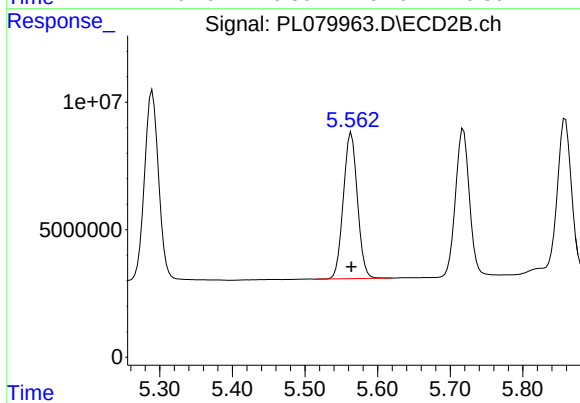
#13 Dieldrin

R.T.: 5.290 min  
Delta R.T.: 0.000 min  
Response: 100134290  
Conc: 50.00 ng/ml



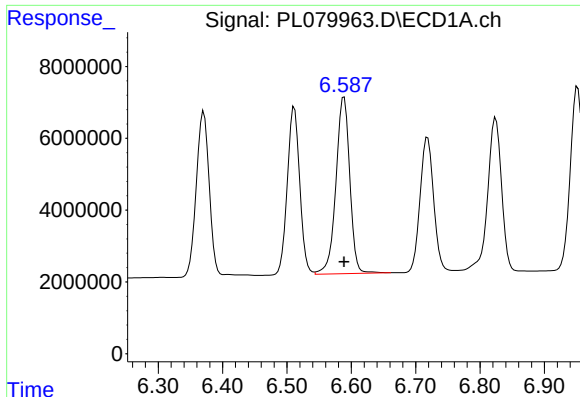
#14 Endrin

R.T.: 6.371 min  
Delta R.T.: 0.000 min  
Response: 63994191  
Conc: 50.00 ng/ml



#14 Endrin

R.T.: 5.564 min  
Delta R.T.: 0.000 min  
Response: 77136296  
Conc: 50.00 ng/ml



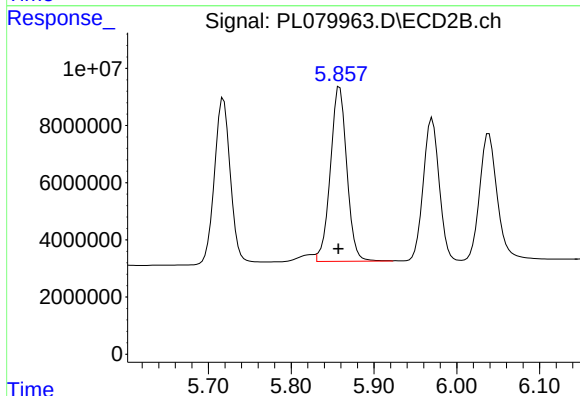
#15 Endosulfan II

R.T.: 6.589 min  
Delta R.T.: 0.000 min  
Response: 73724943  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

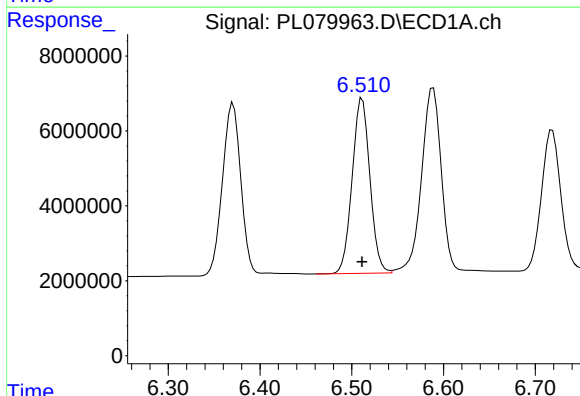
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



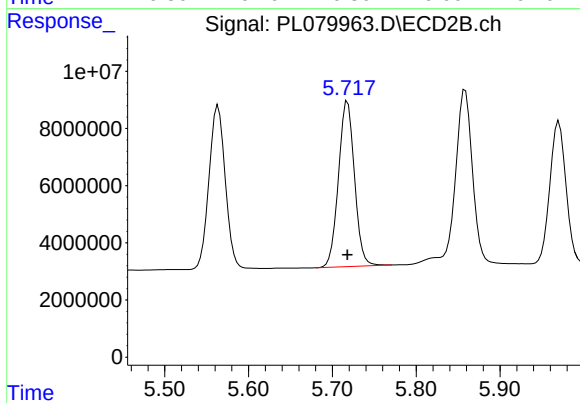
#15 Endosulfan II

R.T.: 5.857 min  
Delta R.T.: 0.000 min  
Response: 84328933  
Conc: 50.00 ng/ml m



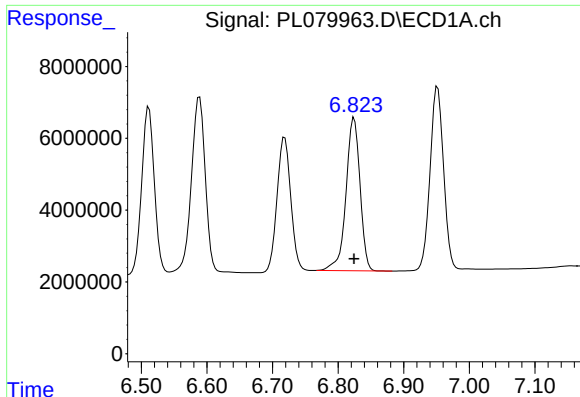
#16 4,4'-DDD

R.T.: 6.511 min  
Delta R.T.: 0.000 min  
Response: 62892651  
Conc: 50.00 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min  
Delta R.T.: 0.000 min  
Response: 77082873  
Conc: 50.00 ng/ml



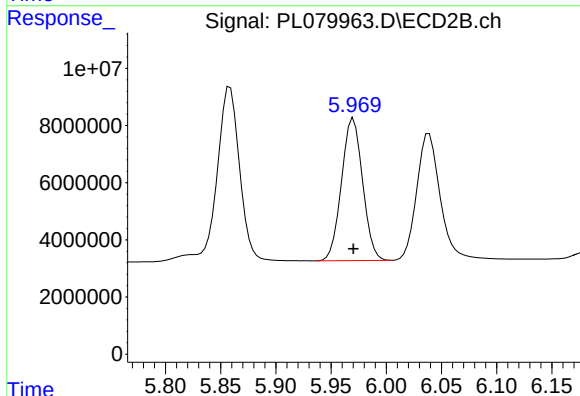
#17 4,4'-DDT

R.T.: 6.824 min  
Delta R.T.: 0.000 min  
Response: 63367983  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

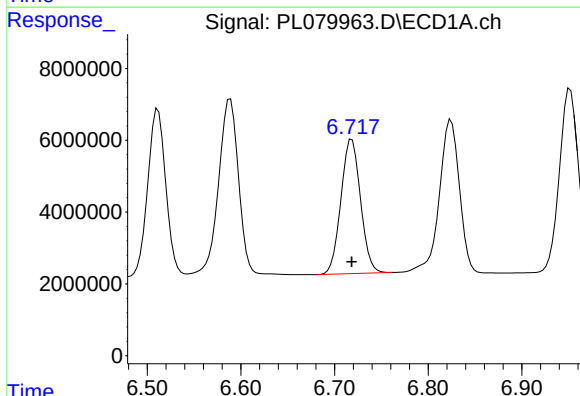
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



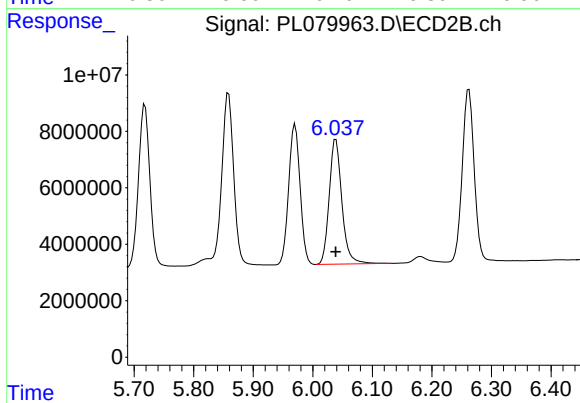
#17 4,4'-DDT

R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 66264731  
Conc: 50.00 ng/ml



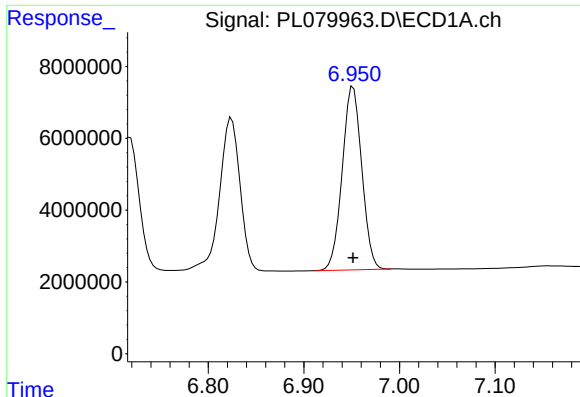
#18 Endrin aldehyde

R.T.: 6.718 min  
Delta R.T.: 0.000 min  
Response: 54423445  
Conc: 50.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.039 min  
Delta R.T.: 0.000 min  
Response: 65450290  
Conc: 50.00 ng/ml



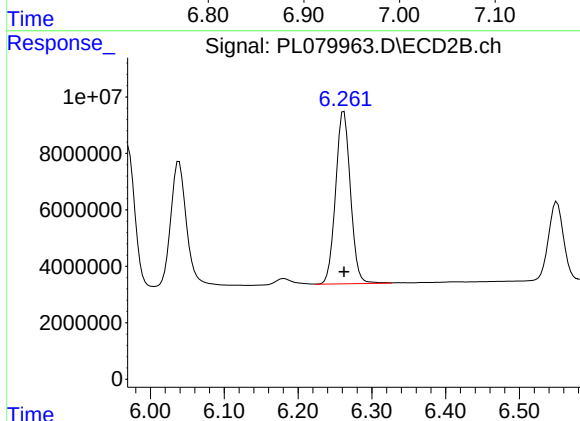
#19 Endosulfan Sulfate

R.T.: 6.952 min  
Delta R.T.: 0.000 min  
Response: 72770451  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

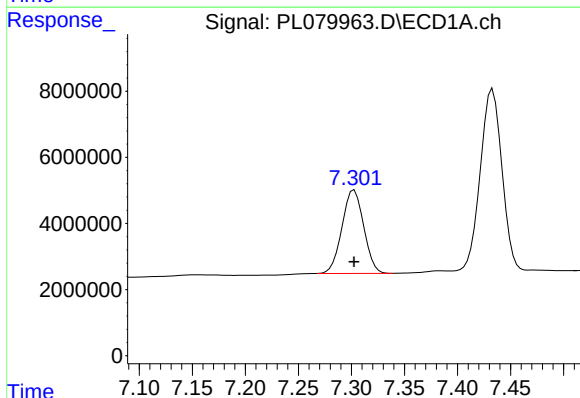
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



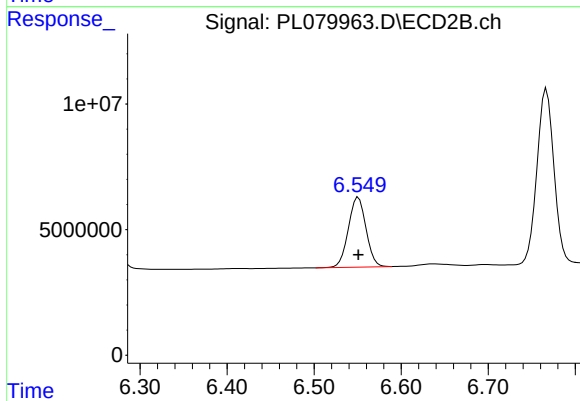
#19 Endosulfan Sulfate

R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 85459150  
Conc: 50.00 ng/ml



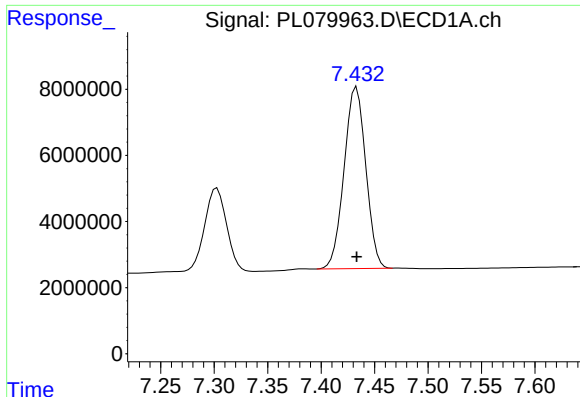
#20 Methoxychlor

R.T.: 7.303 min  
Delta R.T.: 0.000 min  
Response: 35973375  
Conc: 50.00 ng/ml



#20 Methoxychlor

R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 39225278  
Conc: 50.00 ng/ml



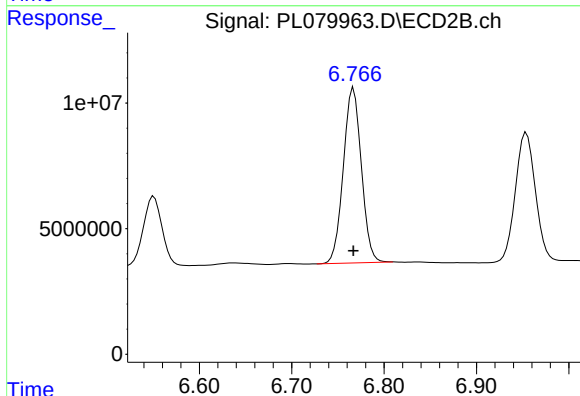
#21 Endrin ketone

R.T.: 7.433 min  
Delta R.T.: 0.000 min  
Response: 77636865  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

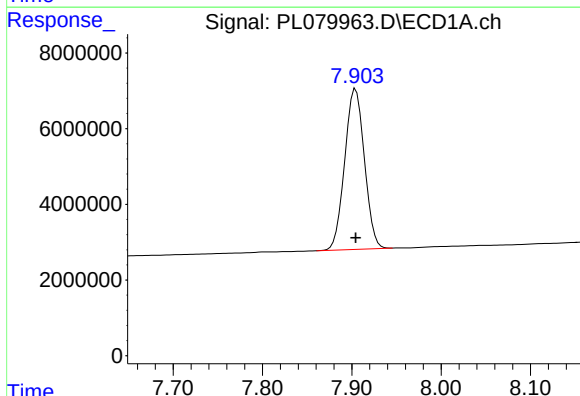
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



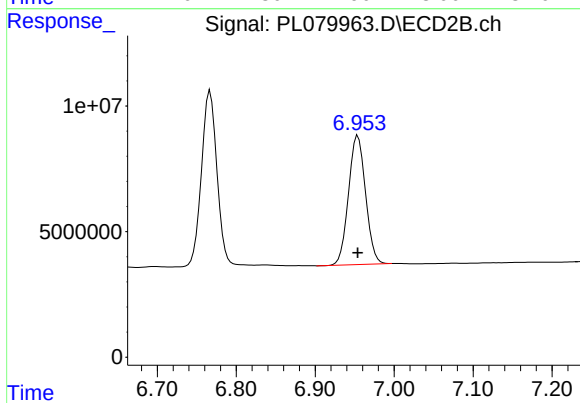
#21 Endrin ketone

R.T.: 6.767 min  
Delta R.T.: 0.000 min  
Response: 94645984  
Conc: 50.00 ng/ml



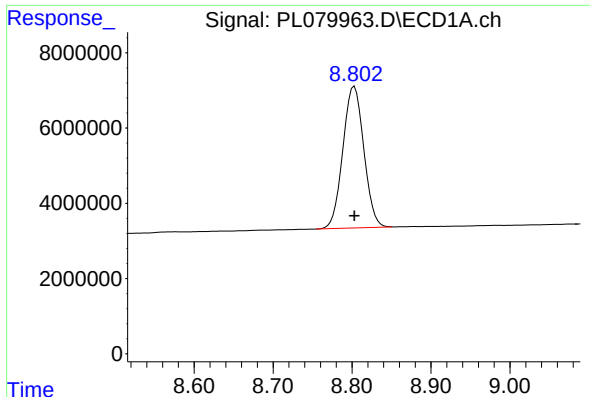
#22 Mirex

R.T.: 7.904 min  
Delta R.T.: 0.000 min  
Response: 65078521  
Conc: 50.00 ng/ml



#22 Mirex

R.T.: 6.954 min  
Delta R.T.: 0.000 min  
Response: 77090540  
Conc: 50.00 ng/ml



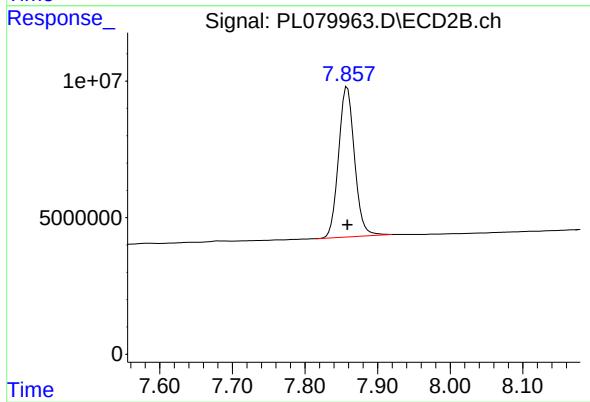
#28 Decachlorobiphenyl

R.T.: 8.803 min  
Delta R.T.: 0.000 min  
Response: 69529087  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/30/2022  
Supervised By :Ankita Jodhani 12/30/2022



#28 Decachlorobiphenyl

R.T.: 7.858 min  
Delta R.T.: 0.000 min  
Response: 83943644  
Conc: 50.00 ng/ml