

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031323\  
 Data File : PL081424.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2023 10:37  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 03/14/2023  
 Supervised By :Ankita Jodhani 03/15/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 13 11:26:40 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 2023  
 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... | 3.340 | 2.660 | 113.0E6  | 97598812 | 52.315  | 48.225  |
| 28)                         | SA Decachlor... | 8.768 | 7.787 | 76634172 | 88360326 | 50.267  | 46.128  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.790 | 3.160 | 170.8E6  | 140.0E6  | 53.681  | 47.784  |
| 3)                          | MA gamma-BHC... | 4.119 | 3.488 | 157.3E6  | 130.6E6  | 53.166  | 47.484  |
| 4)                          | MA Heptachlor   | 4.699 | 3.823 | 146.7E6  | 134.7E6  | 53.177  | 48.812  |
| 5)                          | MB Aldrin       | 5.036 | 4.101 | 130.7E6  | 122.9E6  | 51.361  | 46.885  |
| 6)                          | B beta-BHC      | 4.321 | 3.788 | 67929777 | 55009980 | 49.350  | 47.397  |
| 7)                          | B delta-BHC     | 4.563 | 4.016 | 150.1E6  | 123.8E6  | 54.012  | 48.628  |
| 8)                          | B Heptachlo...  | 5.462 | 4.604 | 119.9E6  | 113.7E6  | 50.804  | 47.029  |
| 9)                          | A Endosulfan I  | 5.843 | 4.972 | 107.9E6  | 105.5E6  | 51.069  | 46.619  |
| 10)                         | B gamma-Chl...  | 5.717 | 4.853 | 117.9E6  | 114.6E6  | 51.675  | 46.799  |
| 11)                         | B alpha-Chl...  | 5.795 | 4.916 | 115.9E6  | 114.0E6  | 51.449  | 46.579  |
| 12)                         | B 4,4'-DDE      | 5.974 | 5.107 | 100.1E6  | 91112094 | 51.149  | 46.418  |
| 13)                         | MA Dieldrin     | 6.119 | 5.237 | 107.8E6  | 106.0E6  | 51.498  | 47.033  |
| 14)                         | MA Endrin       | 6.345 | 5.512 | 92621699 | 93978160 | 50.962  | 46.764  |
| 15)                         | B Endosulfa...  | 6.567 | 5.807 | 87657282 | 87160764 | 50.277  | 47.274m |
| 16)                         | A 4,4'-DDD      | 6.489 | 5.661 | 80219925 | 74768192 | 52.112  | 48.737m |
| 17)                         | MA 4,4'-DDT     | 6.800 | 5.913 | 84743561 | 82062303 | 53.388  | 51.151  |
| 18)                         | B Endrin al...  | 6.695 | 5.989 | 72373671 | 71139454 | 50.563m | 46.955  |
| 19)                         | B Endosulfa...  | 6.931 | 6.212 | 90474575 | 88474667 | 50.390  | 46.031  |
| 20)                         | A Methoxychlor  | 7.280 | 6.493 | 45250071 | 45644381 | 52.533  | 49.181  |
| 21)                         | B Endrin ke...  | 7.411 | 6.717 | 92671454 | 99034179 | 51.087  | 45.996m |
| 22)                         | Mirex           | 7.876 | 6.890 | 72763177 | 89746574 | 49.868  | 46.630  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031323\  
Data File : PL081424.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Mar 2023 10:37  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

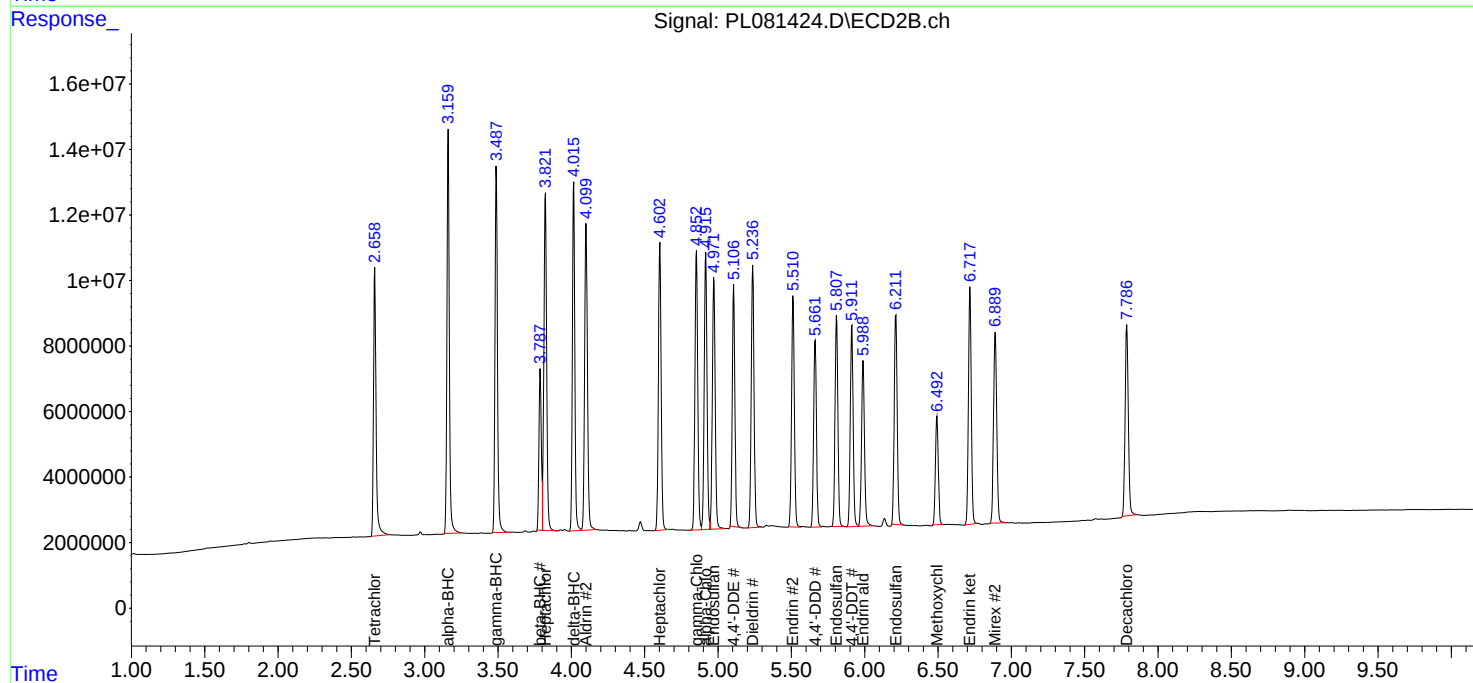
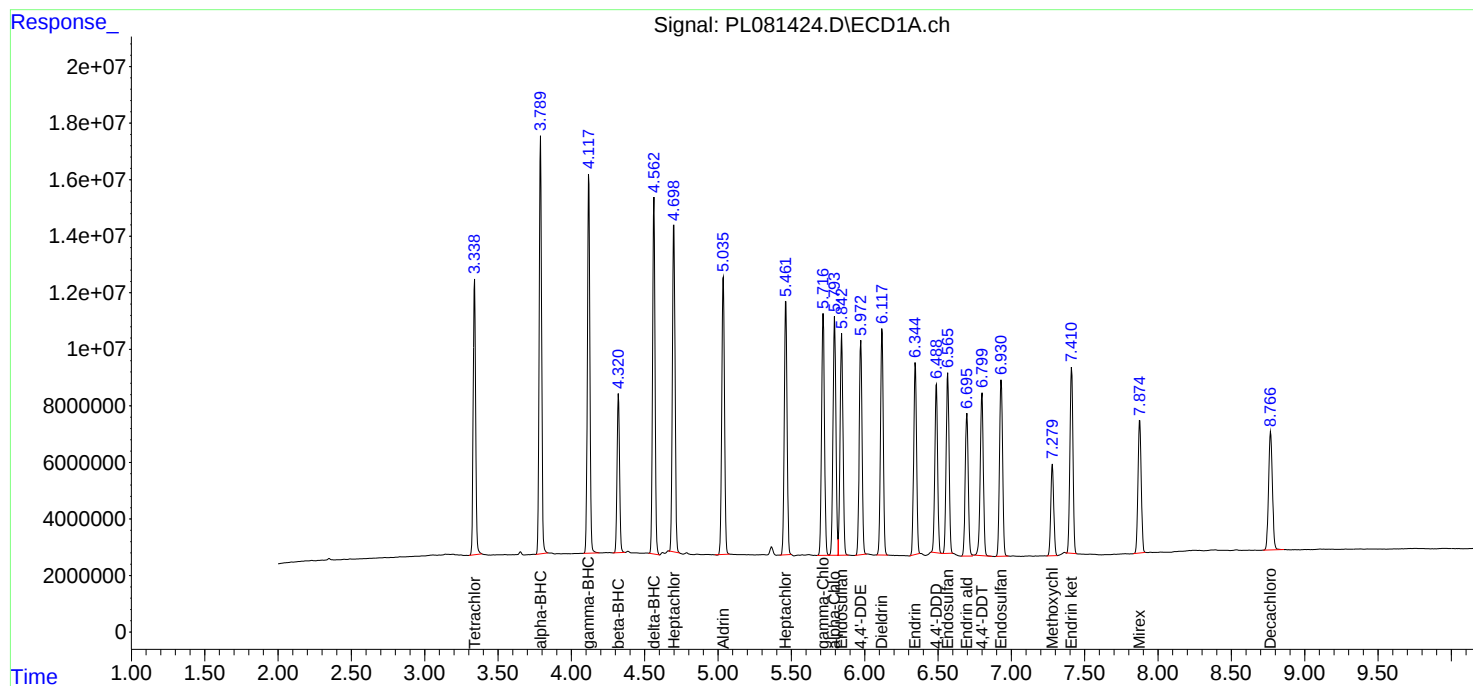
## APPROVED

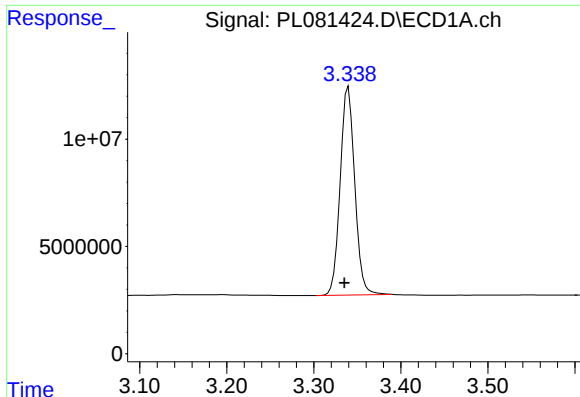
Reviewed By :Abdul Mirza 03/14/2023

Supervised By :Ankita Jodhani 03/15/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 13 11:26:40 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 03 01:48:45 2023  
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





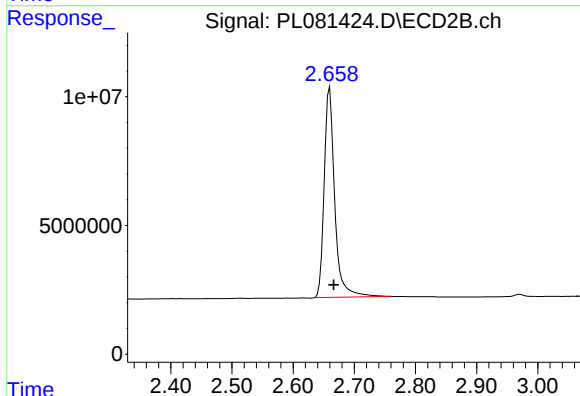
#1 Tetrachloro-m-xylene

R.T.: 3.340 min  
Delta R.T.: 0.005 min  
Response: 113030314  
Conc: 52.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

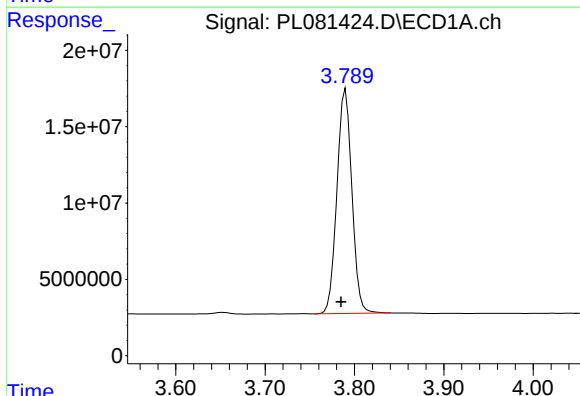
Manual Integrations  
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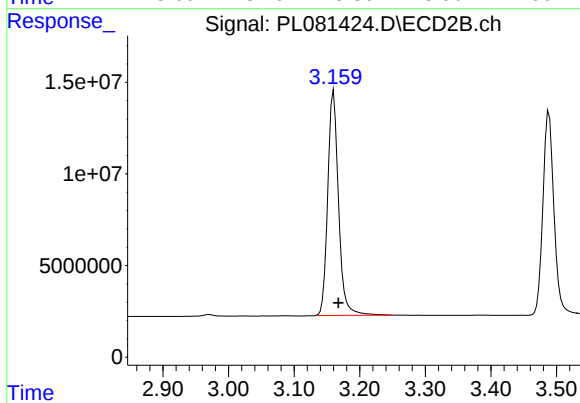
#1 Tetrachloro-m-xylene

R.T.: 2.660 min  
Delta R.T.: -0.007 min  
Response: 97598812  
Conc: 48.22 ng/ml



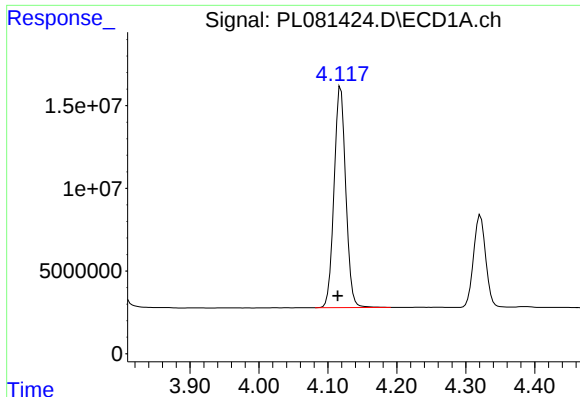
#2 alpha-BHC

R.T.: 3.790 min  
Delta R.T.: 0.005 min  
Response: 170774264  
Conc: 53.68 ng/ml



#2 alpha-BHC

R.T.: 3.160 min  
Delta R.T.: -0.007 min  
Response: 140036351  
Conc: 47.78 ng/ml



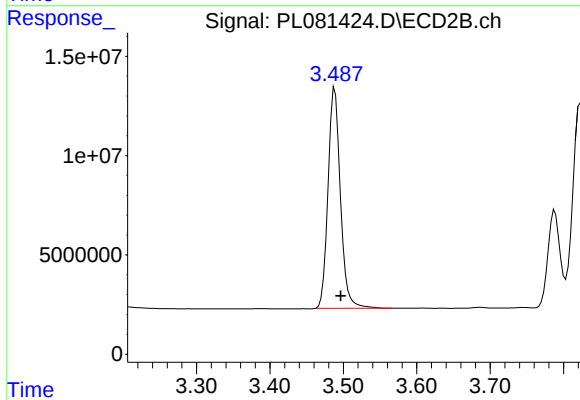
#3 gamma-BHC (Lindane)

R.T.: 4.119 min  
Delta R.T.: 0.004 min  
Response: 157295639  
Conc: 53.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

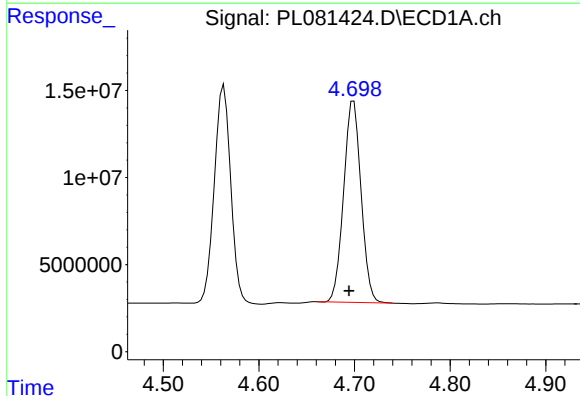
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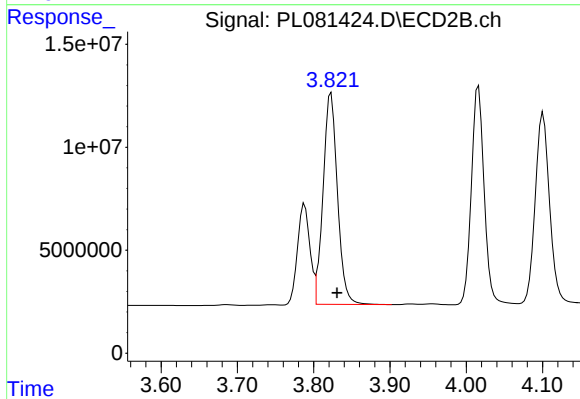
#3 gamma-BHC (Lindane)

R.T.: 3.488 min  
Delta R.T.: -0.008 min  
Response: 130630205  
Conc: 47.48 ng/ml



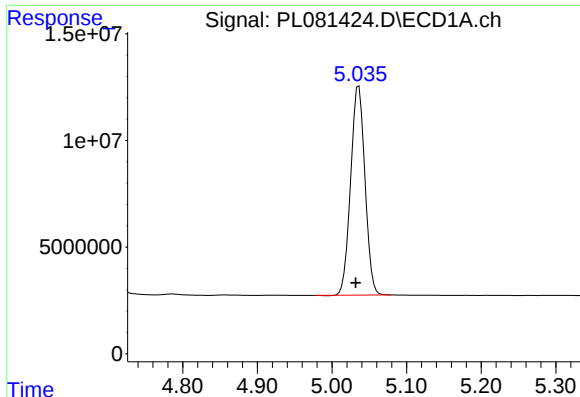
#4 Heptachlor

R.T.: 4.699 min  
Delta R.T.: 0.005 min  
Response: 146734533  
Conc: 53.18 ng/ml



#4 Heptachlor

R.T.: 3.823 min  
Delta R.T.: -0.008 min  
Response: 134698763  
Conc: 48.81 ng/ml



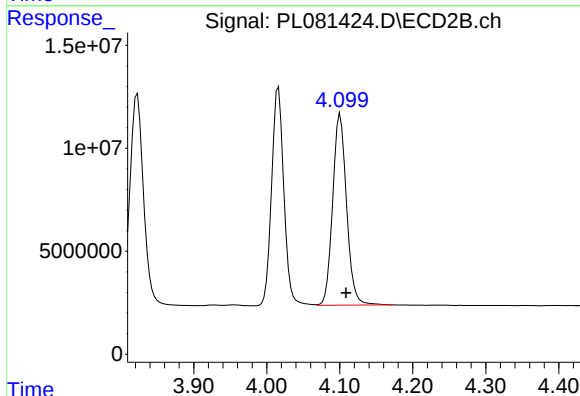
#5 Aldrin

R.T.: 5.036 min  
Delta R.T.: 0.004 min  
Response: 130668453  
Conc: 51.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

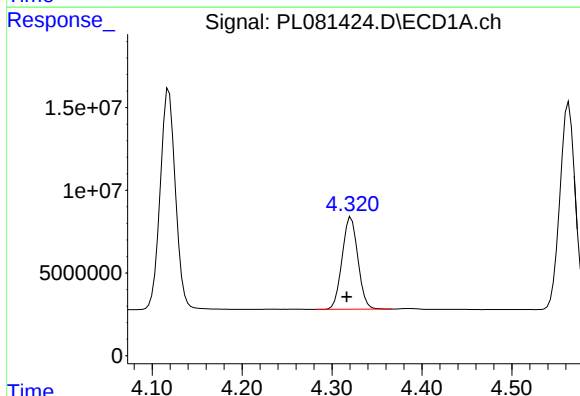
Manual Integrations  
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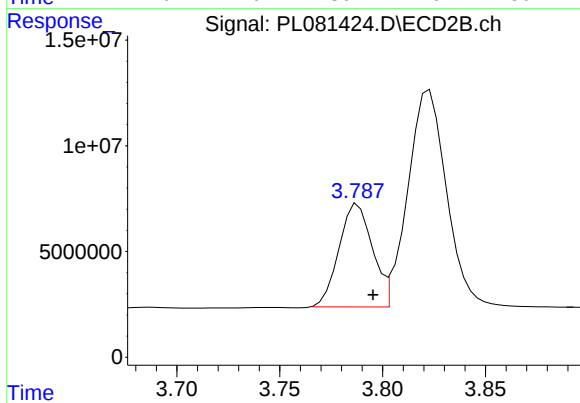
#5 Aldrin

R.T.: 4.101 min  
Delta R.T.: -0.008 min  
Response: 122920254  
Conc: 46.89 ng/ml



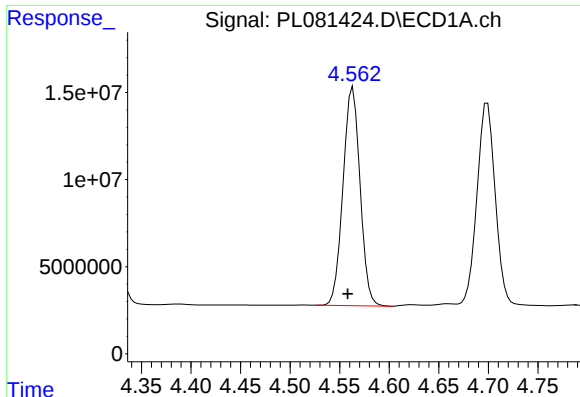
#6 beta-BHC

R.T.: 4.321 min  
Delta R.T.: 0.005 min  
Response: 67929777  
Conc: 49.35 ng/ml



#6 beta-BHC

R.T.: 3.788 min  
Delta R.T.: -0.007 min  
Response: 55009980  
Conc: 47.40 ng/ml



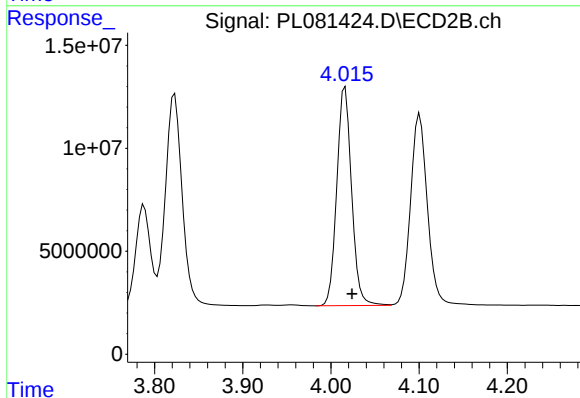
#7 delta-BHC

R.T.: 4.563 min  
Delta R.T.: 0.005 min  
Response: 150108727  
Conc: 54.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

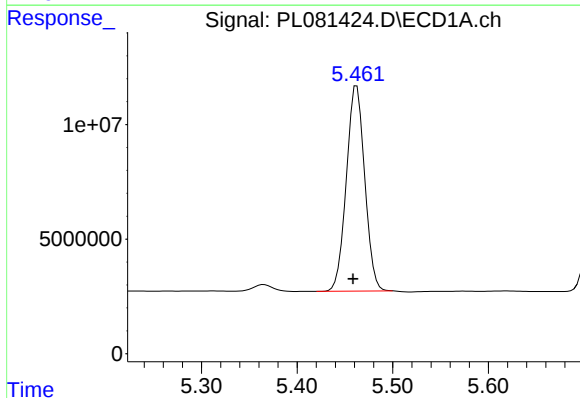
Manual Integrations  
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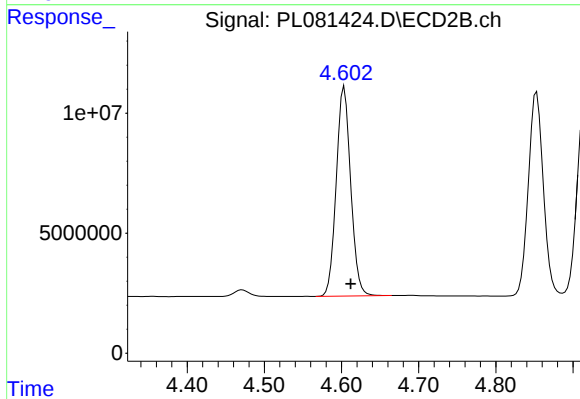
#7 delta-BHC

R.T.: 4.016 min  
Delta R.T.: -0.008 min  
Response: 123837217  
Conc: 48.63 ng/ml



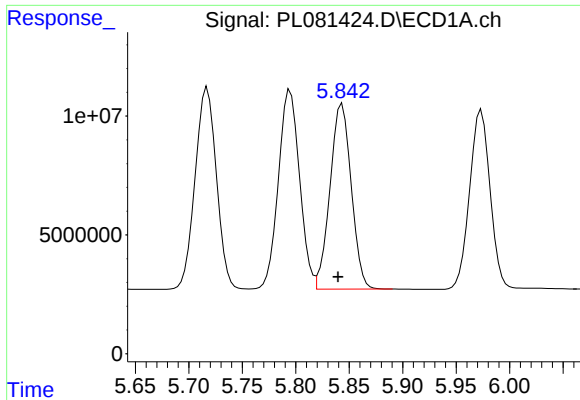
#8 Heptachlor epoxide

R.T.: 5.462 min  
Delta R.T.: 0.004 min  
Response: 119897303  
Conc: 50.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.604 min  
Delta R.T.: -0.008 min  
Response: 113720479  
Conc: 47.03 ng/ml



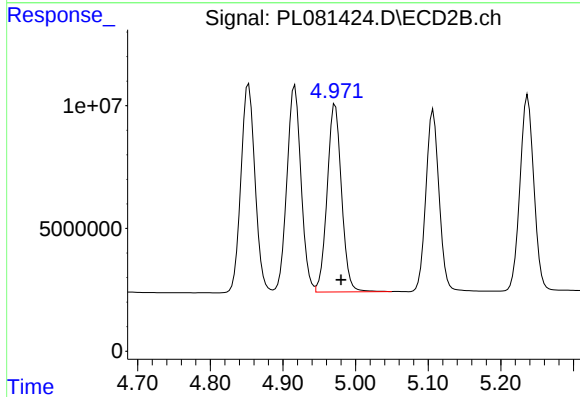
#9 Endosulfan I

R.T.: 5.843 min  
Delta R.T.: 0.004 min  
Response: 107894934  
Conc: 51.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

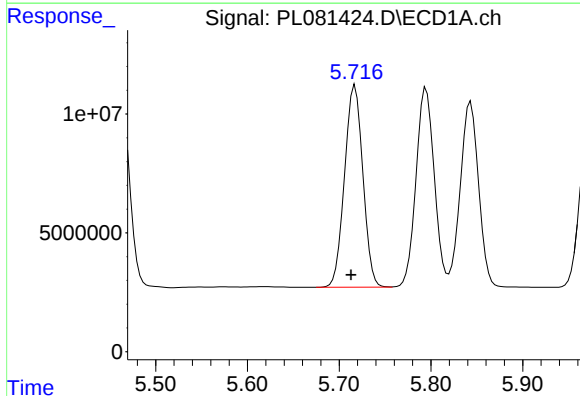
Manual Integrations  
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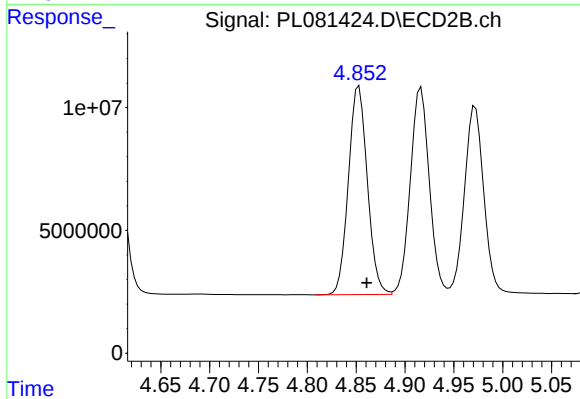
#9 Endosulfan I

R.T.: 4.972 min  
Delta R.T.: -0.008 min  
Response: 105529315  
Conc: 46.62 ng/ml



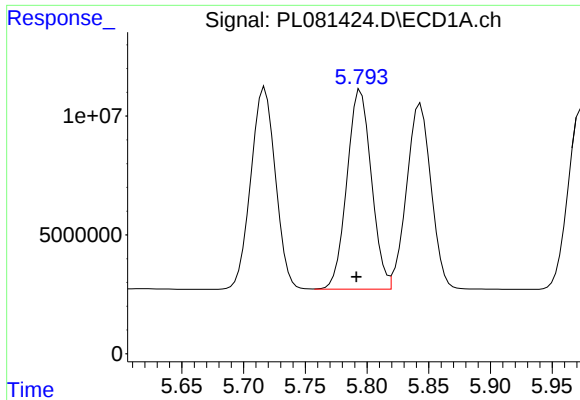
#10 gamma-Chlordane

R.T.: 5.717 min  
Delta R.T.: 0.004 min  
Response: 117916787  
Conc: 51.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.853 min  
Delta R.T.: -0.008 min  
Response: 114553626  
Conc: 46.80 ng/ml



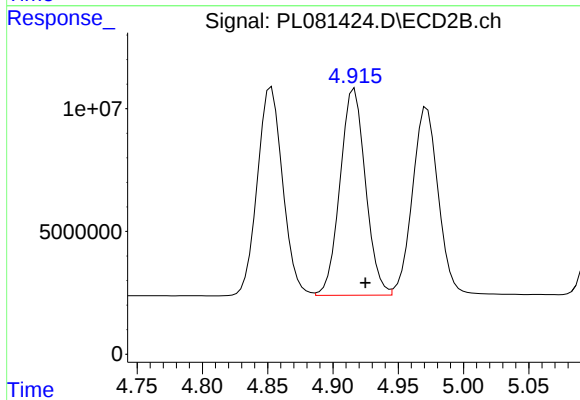
#11 alpha-Chlordane

R.T.: 5.795 min  
Delta R.T.: 0.003 min  
Response: 115911130  
Conc: 51.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

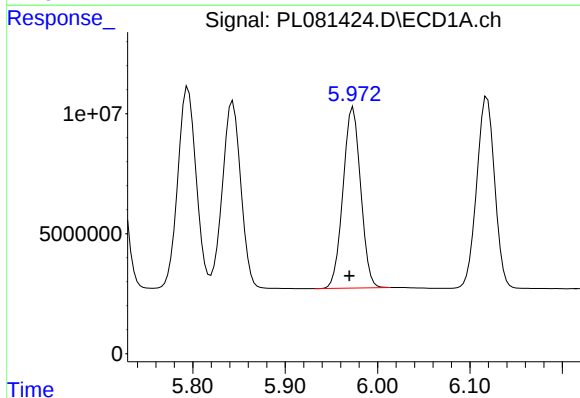
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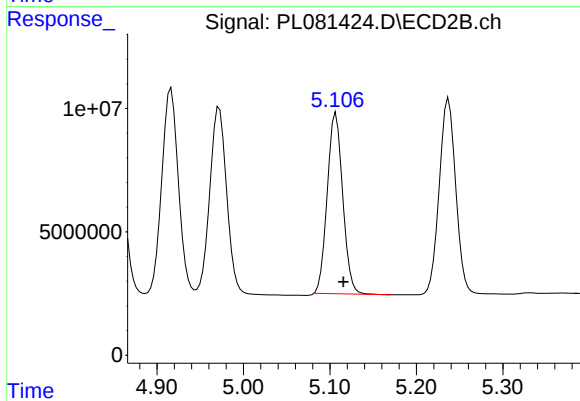
#11 alpha-Chlordane

R.T.: 4.916 min  
Delta R.T.: -0.008 min  
Response: 114049752  
Conc: 46.58 ng/ml



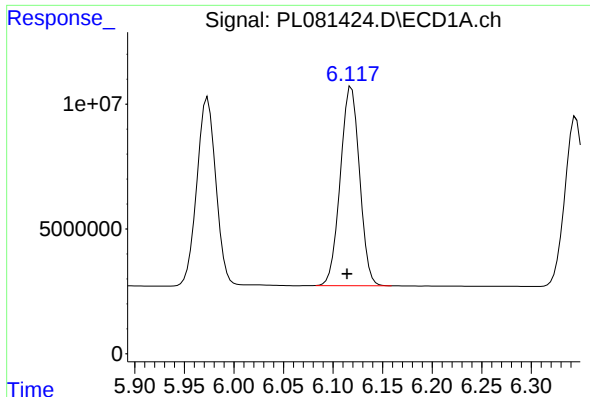
#12 4,4'-DDE

R.T.: 5.974 min  
Delta R.T.: 0.004 min  
Response: 100078538  
Conc: 51.15 ng/ml



#12 4,4'-DDE

R.T.: 5.107 min  
Delta R.T.: -0.008 min  
Response: 91112094  
Conc: 46.42 ng/ml



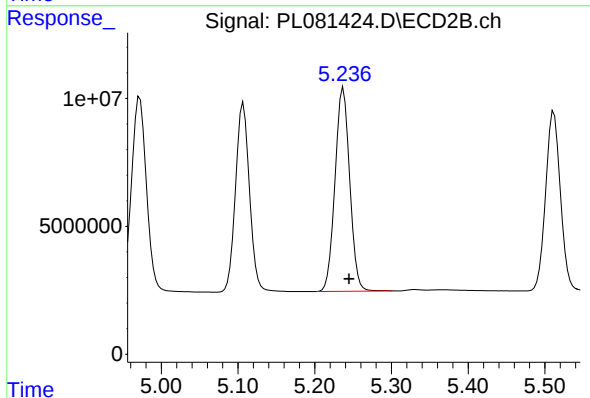
#13 Dieldrin

R.T.: 6.119 min  
Delta R.T.: 0.004 min  
Response: 107784942  
Conc: 51.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

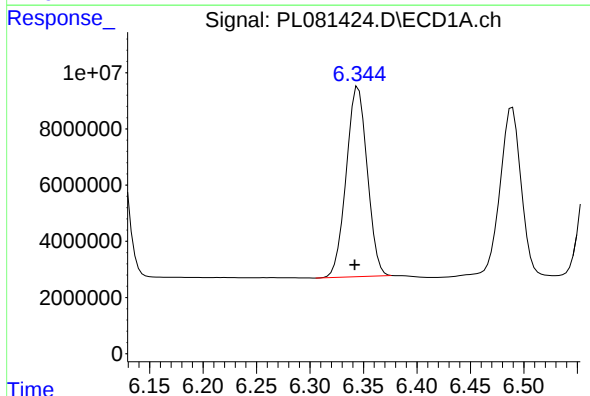
Manual Integrations  
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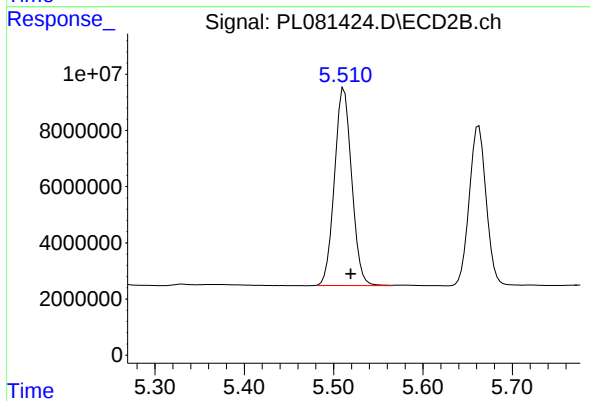
#13 Dieldrin

R.T.: 5.237 min  
Delta R.T.: -0.008 min  
Response: 106029653  
Conc: 47.03 ng/ml



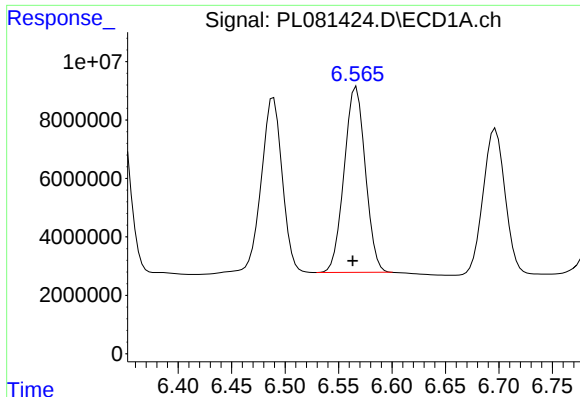
#14 Endrin

R.T.: 6.345 min  
Delta R.T.: 0.003 min  
Response: 92621699  
Conc: 50.96 ng/ml



#14 Endrin

R.T.: 5.512 min  
Delta R.T.: -0.007 min  
Response: 93978160  
Conc: 46.76 ng/ml



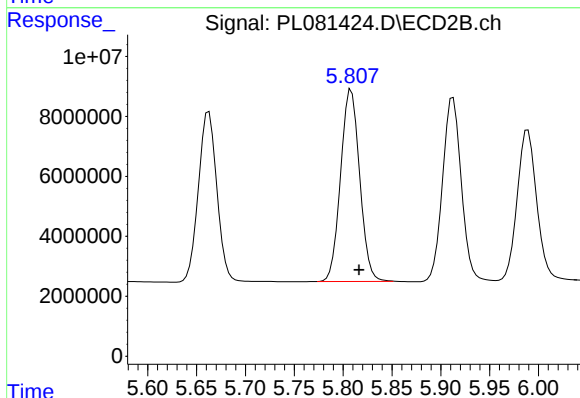
#15 Endosulfan II

R.T.: 6.567 min  
Delta R.T.: 0.004 min  
Response: 87657282  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

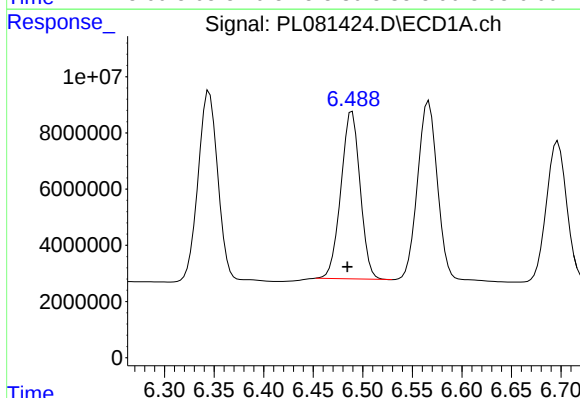
Manual Integrations  
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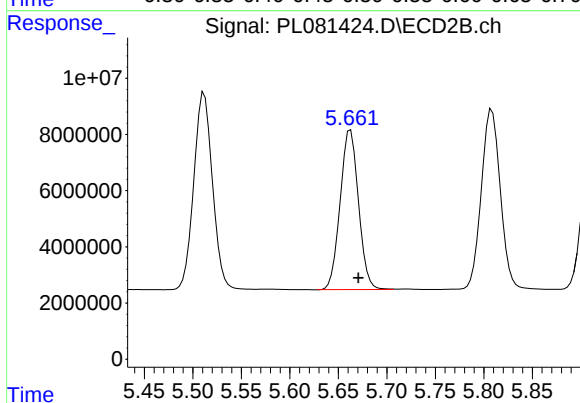
#15 Endosulfan II

R.T.: 5.807 min  
Delta R.T.: -0.009 min  
Response: 87160764  
Conc: 47.27 ng/ml m



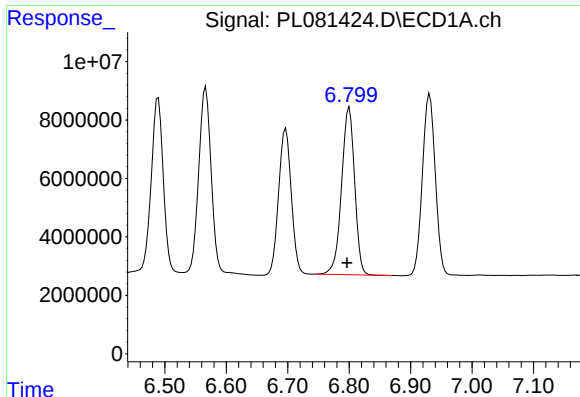
#16 4,4'-DDD

R.T.: 6.489 min  
Delta R.T.: 0.005 min  
Response: 80219925  
Conc: 52.11 ng/ml



#16 4,4'-DDD

R.T.: 5.661 min  
Delta R.T.: -0.009 min  
Response: 74768192  
Conc: 48.74 ng/ml m



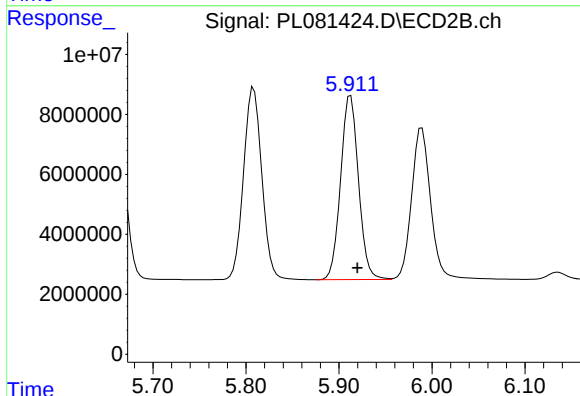
#17 4,4'-DDT

R.T.: 6.800 min  
Delta R.T.: 0.003 min  
Response: 84743561  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

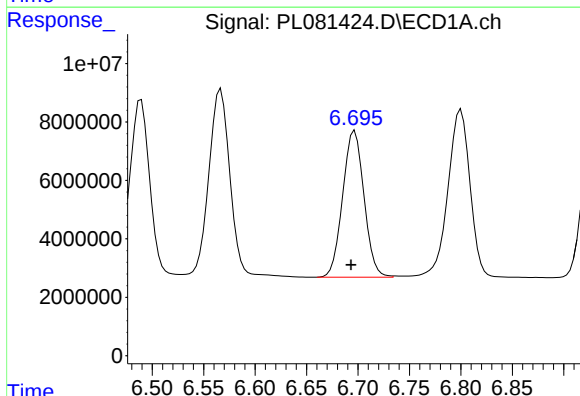
Manual Integrations  
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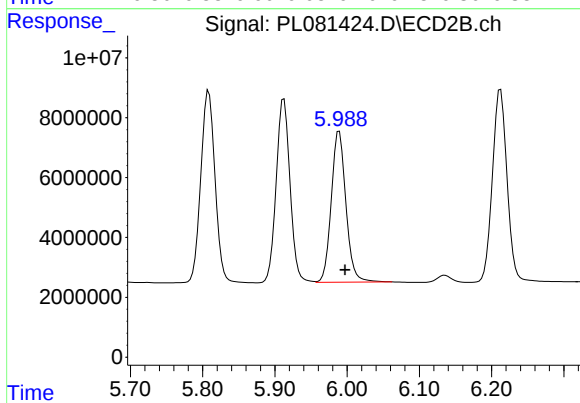
#17 4,4'-DDT

R.T.: 5.913 min  
Delta R.T.: -0.007 min  
Response: 82062303  
Conc: 51.15 ng/ml



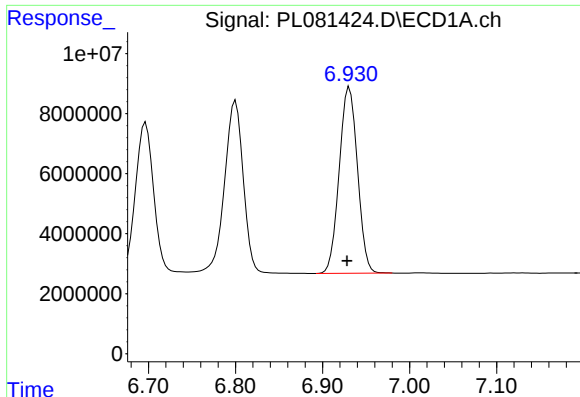
#18 Endrin aldehyde

R.T.: 6.695 min  
Delta R.T.: 0.002 min  
Response: 72373671  
Conc: 50.56 ng/ml m



#18 Endrin aldehyde

R.T.: 5.989 min  
Delta R.T.: -0.008 min  
Response: 71139454  
Conc: 46.96 ng/ml



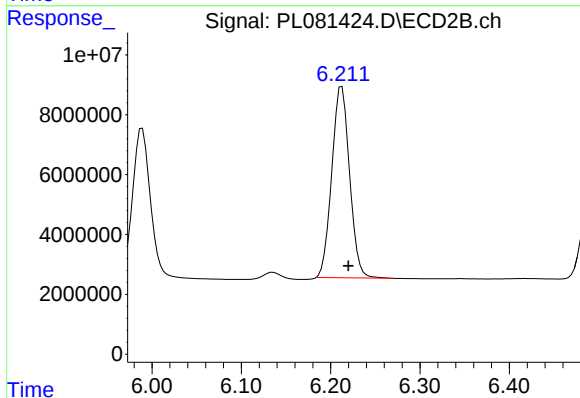
#19 Endosulfan Sulfate

R.T.: 6.931 min  
Delta R.T.: 0.003 min  
Response: 90474575  
Conc: 50.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

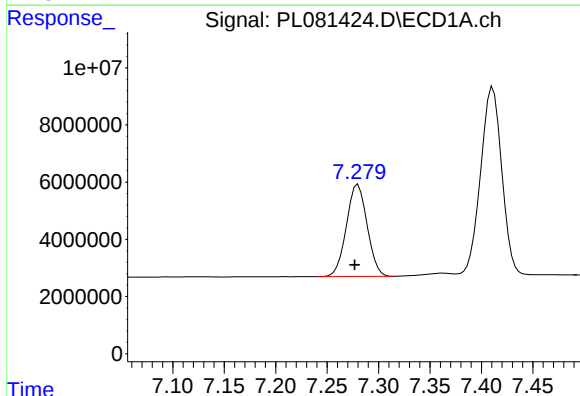
Manual Integrations  
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Reviewed By :Abdul Mirza 03/14/2023  
Supervised By :Ankita Jodhani 03/15/2023



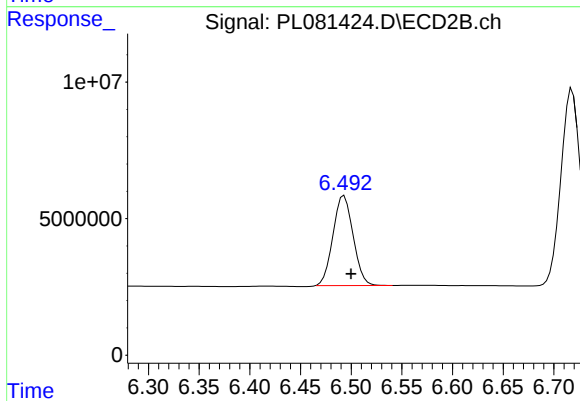
#19 Endosulfan Sulfate

R.T.: 6.212 min  
Delta R.T.: -0.007 min  
Response: 88474667  
Conc: 46.03 ng/ml



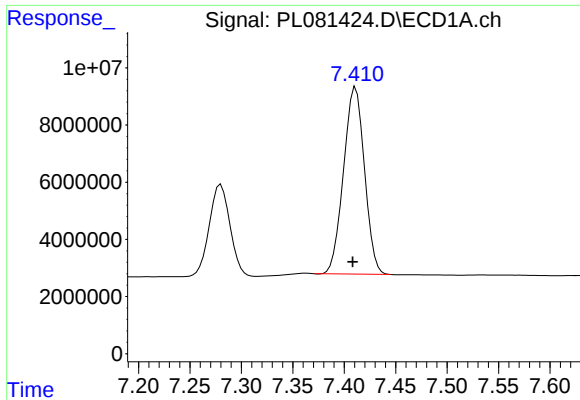
#20 Methoxychlor

R.T.: 7.280 min  
Delta R.T.: 0.003 min  
Response: 45250071  
Conc: 52.53 ng/ml



#20 Methoxychlor

R.T.: 6.493 min  
Delta R.T.: -0.007 min  
Response: 45644381  
Conc: 49.18 ng/ml



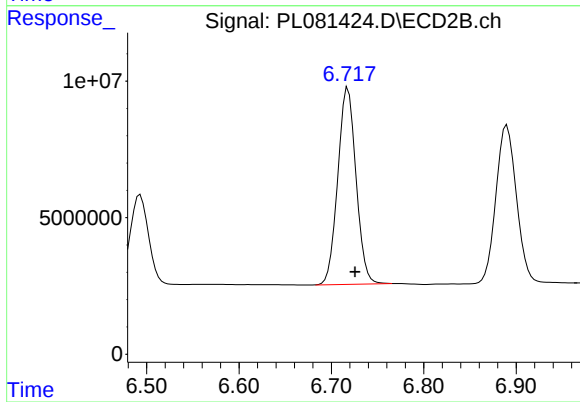
#21 Endrin ketone

R.T.: 7.411 min  
Delta R.T.: 0.003 min  
Response: 92671454  
Conc: 51.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

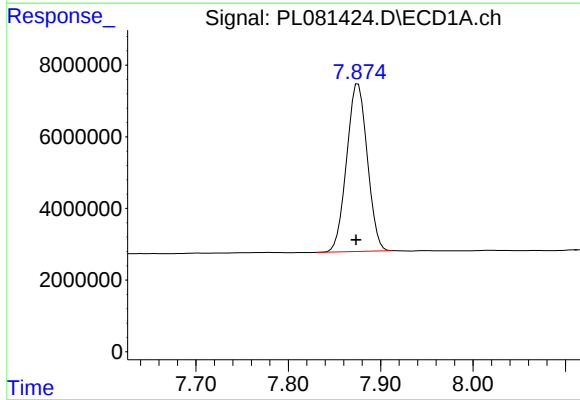
Manual Integrations  
APPROVED

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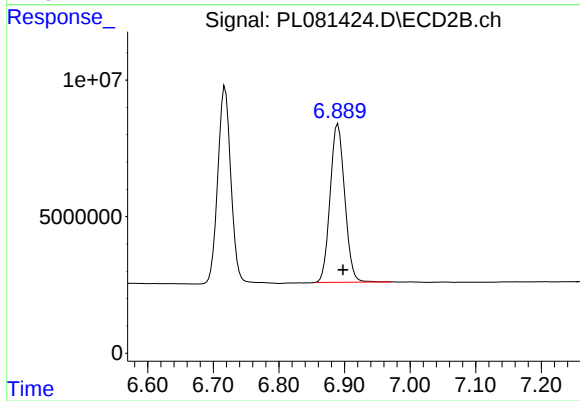
#21 Endrin ketone

R.T.: 6.717 min  
Delta R.T.: -0.009 min  
Response: 99034179  
Conc: 46.00 ng/ml m



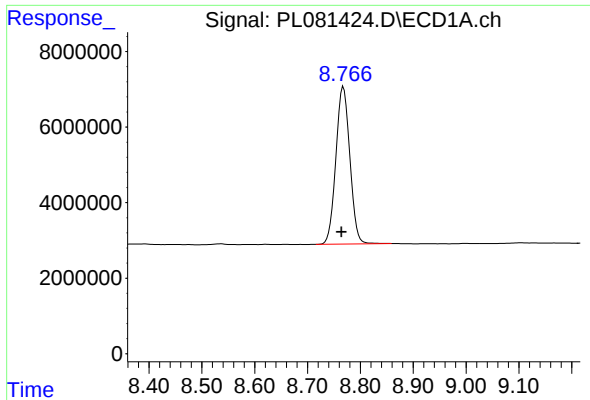
#22 Mirex

R.T.: 7.876 min  
Delta R.T.: 0.002 min  
Response: 72763177  
Conc: 49.87 ng/ml



#22 Mirex

R.T.: 6.890 min  
Delta R.T.: -0.008 min  
Response: 89746574  
Conc: 46.63 ng/ml



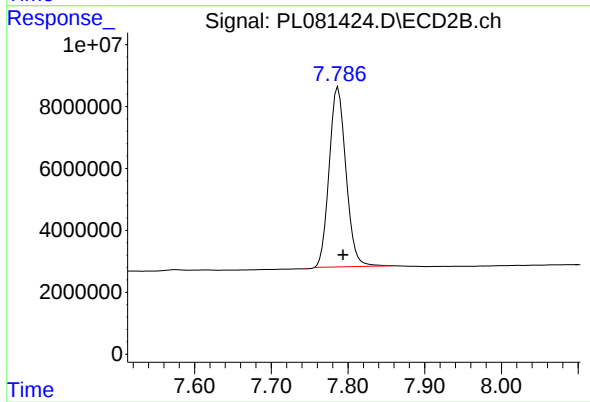
#28 Decachlorobiphenyl

R.T.: 8.768 min  
Delta R.T.: 0.004 min  
Response: 76634172  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 03/15/2023



#28 Decachlorobiphenyl

R.T.: 7.787 min  
Delta R.T.: -0.007 min  
Response: 88360326  
Conc: 46.13 ng/ml