

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032823\  
 Data File : PL081758.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2023 17:39  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/29/2023  
 Supervised By : Ankita Jodhani 03/29/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 28 21:00:44 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 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... | 3.336 | 2.654 | 120.5E6  | 100.6E6  | 51.817  | 50.410 |
| 28)                         | SA Decachlor... | 8.762 | 7.778 | 82895037 | 103.0E6  | 46.319  | 51.954 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.786 | 3.154 | 182.7E6  | 149.3E6  | 53.277  | 51.208 |
| 3)                          | MA gamma-BHC... | 4.114 | 3.482 | 164.2E6  | 141.7E6  | 51.677  | 50.877 |
| 4)                          | MA Heptachlor   | 4.694 | 3.816 | 162.5E6  | 151.5E6  | 51.558  | 52.839 |
| 5)                          | MB Aldrin       | 5.031 | 4.094 | 145.8E6  | 135.1E6  | 50.959  | 50.720 |
| 6)                          | B beta-BHC      | 4.317 | 3.782 | 70919025 | 59352939 | 47.120  | 49.835 |
| 7)                          | B delta-BHC     | 4.559 | 4.009 | 160.6E6  | 133.3E6  | 52.853  | 51.536 |
| 8)                          | B Heptachlo...  | 5.457 | 4.596 | 133.1E6  | 126.8E6  | 48.922  | 52.213 |
| 9)                          | A Endosulfan I  | 5.838 | 4.964 | 119.8E6  | 116.9E6  | 48.466  | 52.957 |
| 10)                         | B gamma-Chl...  | 5.712 | 4.845 | 130.9E6  | 127.6E6  | 49.851  | 52.507 |
| 11)                         | B alpha-Chl...  | 5.790 | 4.908 | 129.0E6  | 128.2E6  | 49.847  | 52.763 |
| 12)                         | B 4,4'-DDE      | 5.968 | 5.100 | 111.6E6  | 106.9E6  | 49.498  | 54.253 |
| 13)                         | MA Dieldrin     | 6.112 | 5.229 | 120.2E6  | 119.9E6  | 49.670  | 53.300 |
| 14)                         | MA Endrin       | 6.339 | 5.504 | 109.3E6  | 105.7E6  | 51.677  | 52.242 |
| 15)                         | B Endosulfa...  | 6.561 | 5.800 | 96710065 | 96407721 | 45.573  | 53.145 |
| 16)                         | A 4,4'-DDD      | 6.482 | 5.654 | 87031313 | 85998172 | 48.257m | 56.670 |
| 17)                         | MA 4,4'-DDT     | 6.795 | 5.904 | 99458132 | 94476531 | 49.003  | 54.824 |
| 18)                         | B Endrin al...  | 6.691 | 5.981 | 80606331 | 78136022 | 49.267  | 50.313 |
| 19)                         | B Endosulfa...  | 6.925 | 6.204 | 101.1E6  | 103.0E6  | 48.505  | 52.936 |
| 20)                         | A Methoxychlor  | 7.274 | 6.484 | 52459412 | 54492264 | 48.714  | 54.709 |
| 21)                         | B Endrin ke...  | 7.405 | 6.709 | 104.2E6  | 113.1E6  | 49.726  | 52.920 |
| 22)                         | Mirex           | 7.869 | 6.881 | 80991082 | 101.4E6  | 47.273  | 52.797 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032823\  
Data File : PL081758.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2023 17:39  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

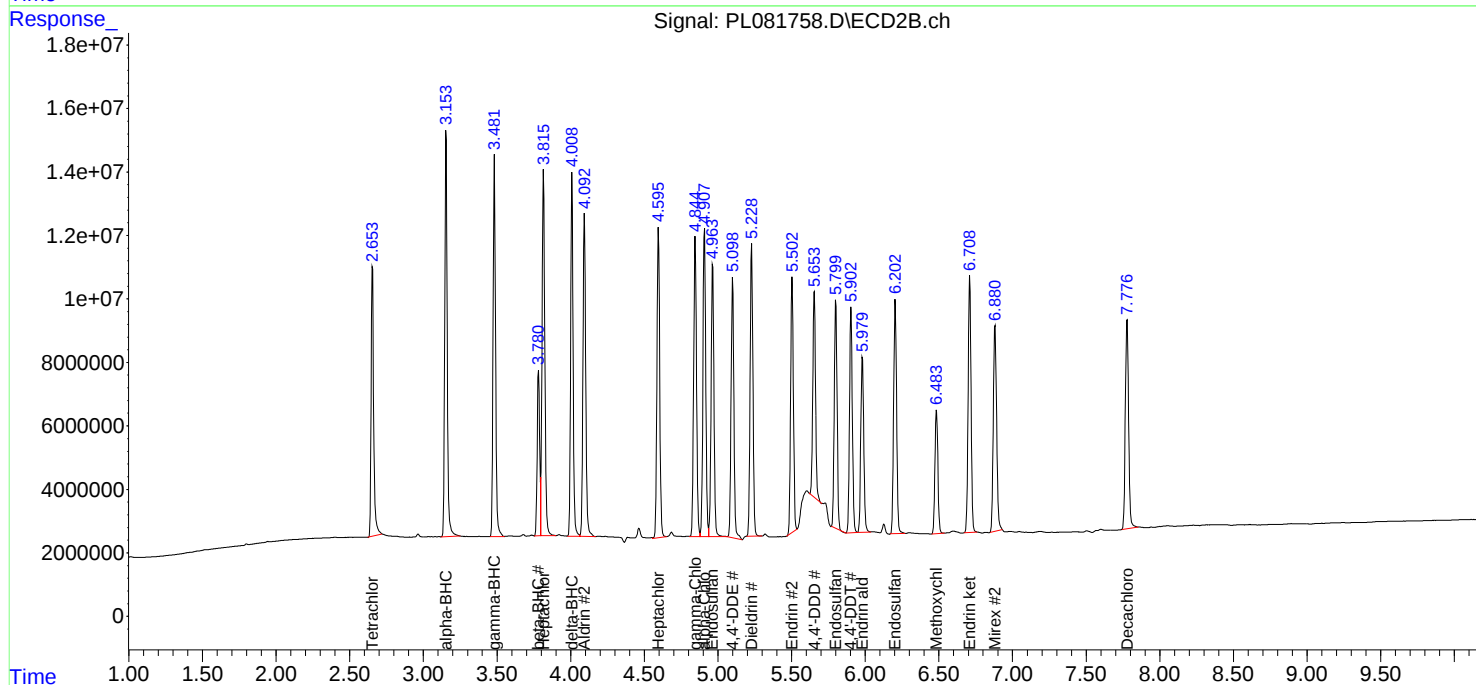
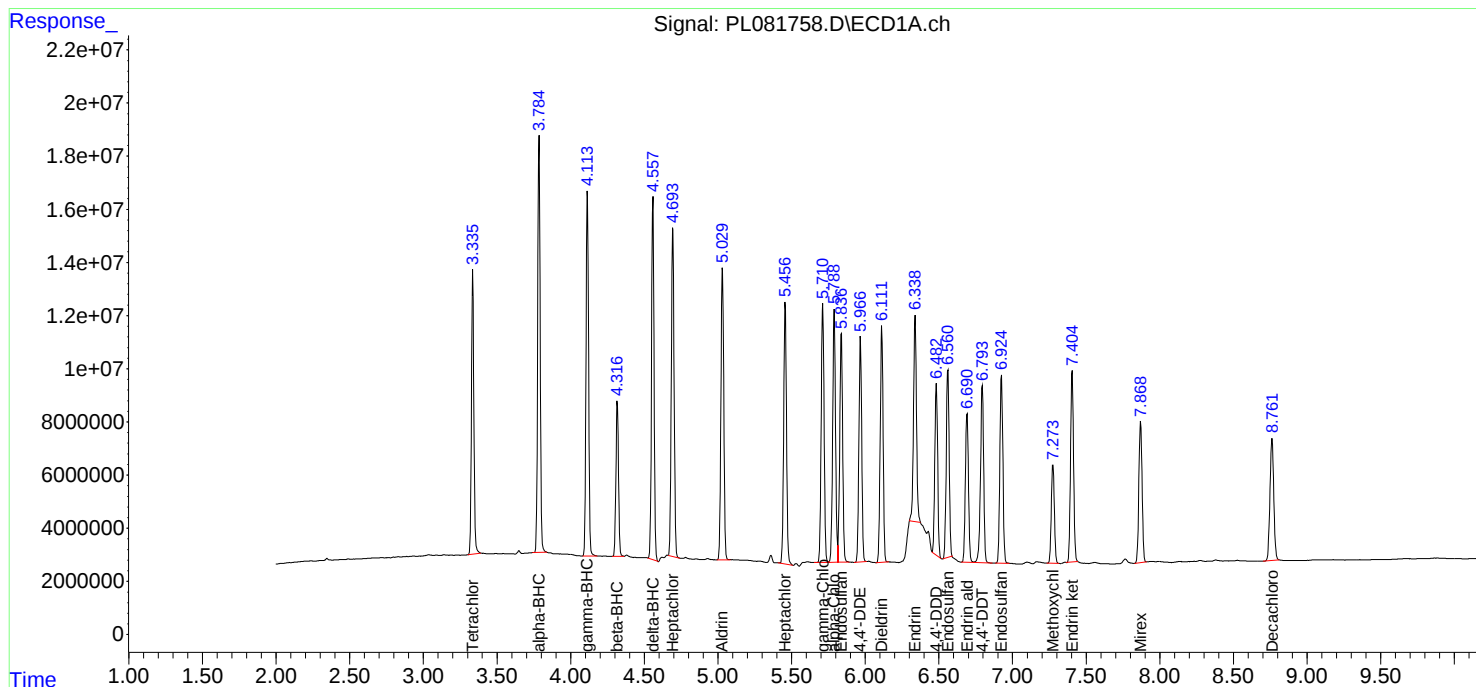
## APPROVED

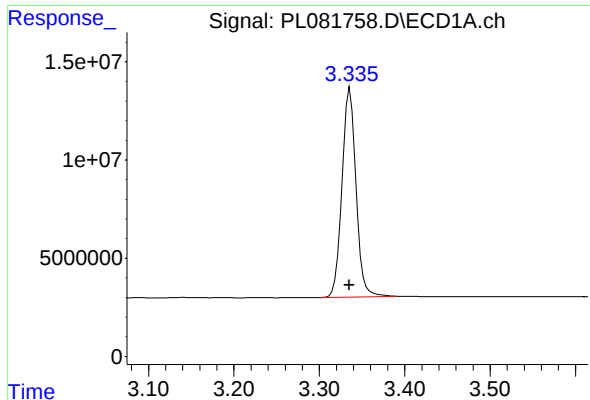
Reviewed By :Abdul Mirza 03/29/2023

Supervised By :Ankita Jodhani 03/29/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 28 21:00:44 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 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





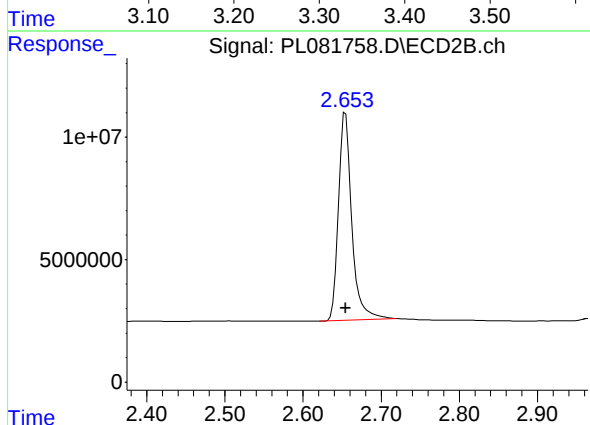
#1 Tetrachloro-m-xylene

R.T.: 3.336 min  
Delta R.T.: 0.000 min  
Response: 120521683  
Conc: 51.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

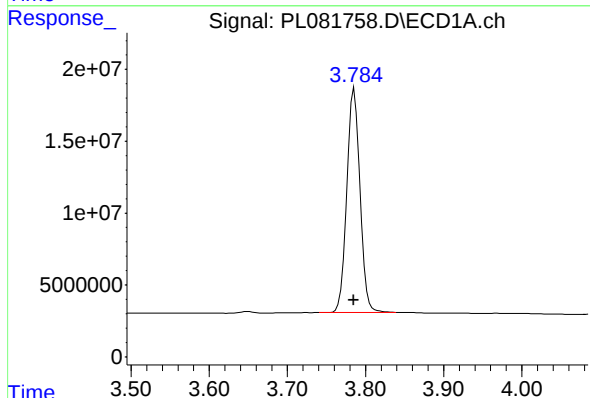
Manual Integrations  
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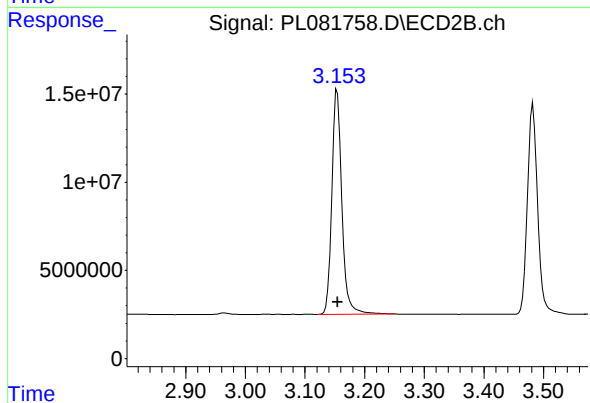
#1 Tetrachloro-m-xylene

R.T.: 2.654 min  
Delta R.T.: 0.000 min  
Response: 100626549  
Conc: 50.41 ng/ml



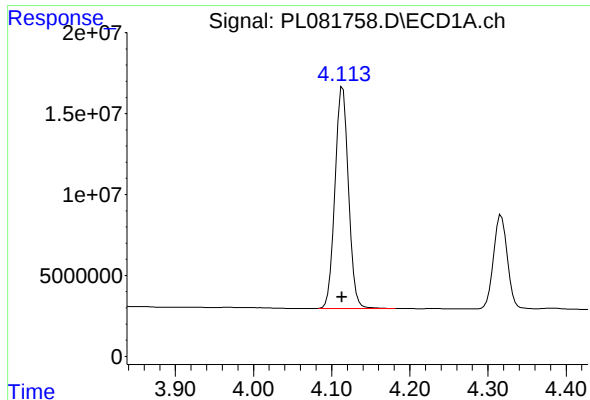
#2 alpha-BHC

R.T.: 3.786 min  
Delta R.T.: 0.000 min  
Response: 182653662  
Conc: 53.28 ng/ml



#2 alpha-BHC

R.T.: 3.154 min  
Delta R.T.: 0.000 min  
Response: 149270361  
Conc: 51.21 ng/ml



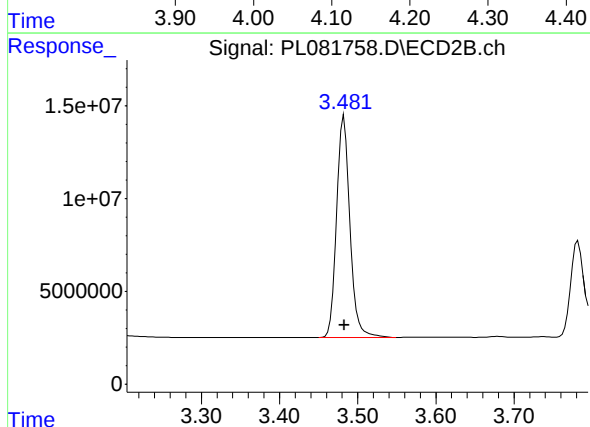
#3 gamma-BHC (Lindane)

R.T.: 4.114 min  
Delta R.T.: 0.000 min  
Response: 164170213  
Conc: 51.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

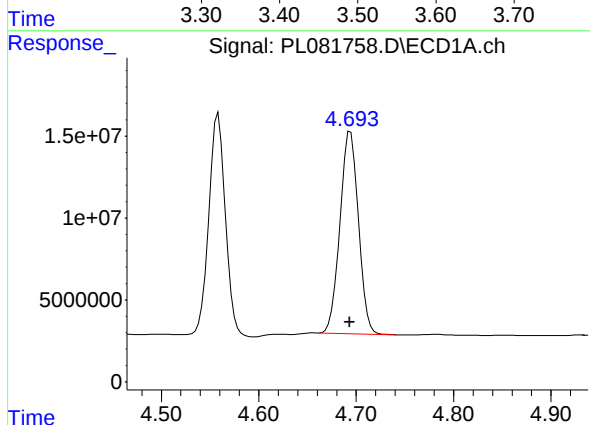
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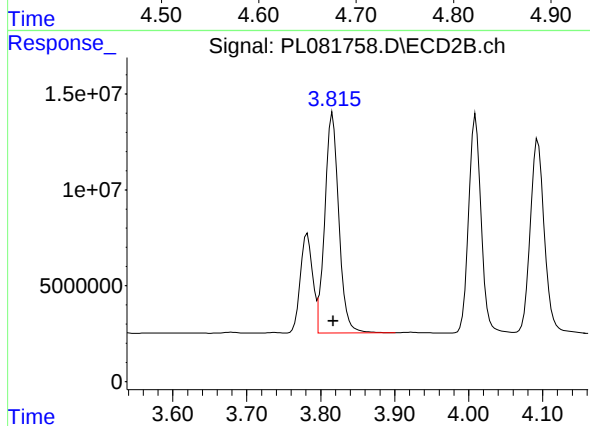
#3 gamma-BHC (Lindane)

R.T.: 3.482 min  
Delta R.T.: 0.000 min  
Response: 141651587  
Conc: 50.88 ng/ml



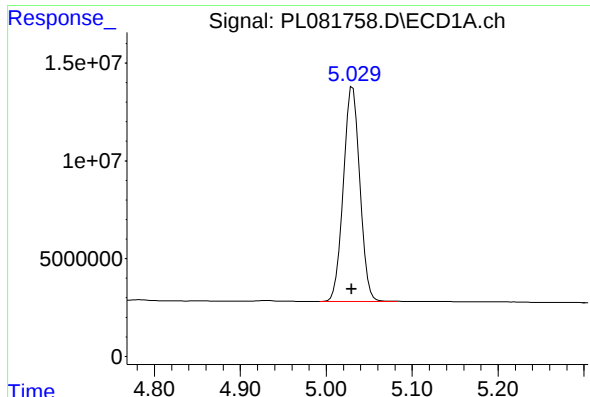
#4 Heptachlor

R.T.: 4.694 min  
Delta R.T.: 0.001 min  
Response: 162520246  
Conc: 51.56 ng/ml



#4 Heptachlor

R.T.: 3.816 min  
Delta R.T.: -0.001 min  
Response: 151487229  
Conc: 52.84 ng/ml



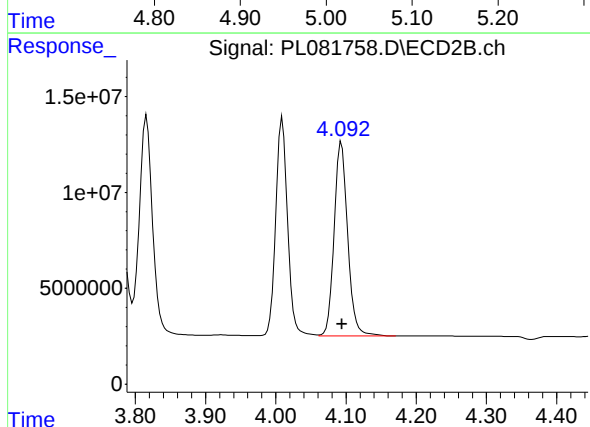
#5 Aldrin

R.T.: 5.031 min  
Delta R.T.: 0.001 min  
Response: 145755907  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

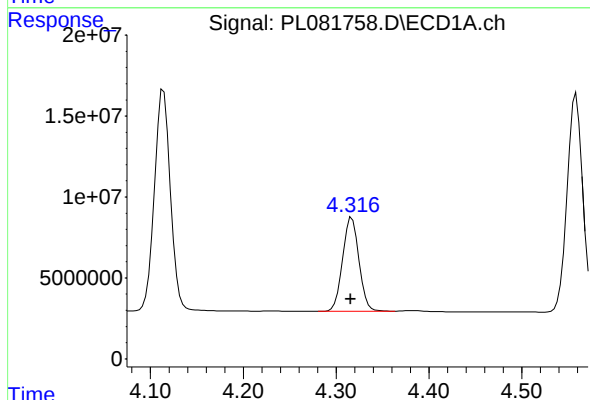
Manual Integrations  
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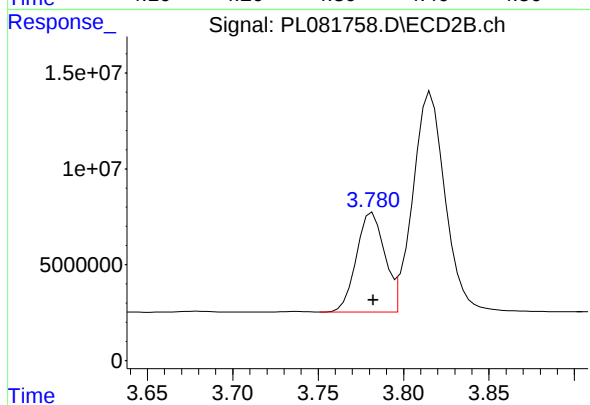
#5 Aldrin

R.T.: 4.094 min  
Delta R.T.: -0.001 min  
Response: 135140968  
Conc: 50.72 ng/ml



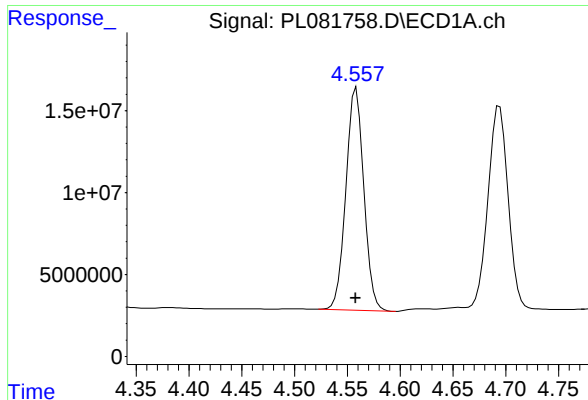
#6 beta-BHC

R.T.: 4.317 min  
Delta R.T.: 0.001 min  
Response: 70919025  
Conc: 47.12 ng/ml



#6 beta-BHC

R.T.: 3.782 min  
Delta R.T.: 0.000 min  
Response: 59352939  
Conc: 49.84 ng/ml



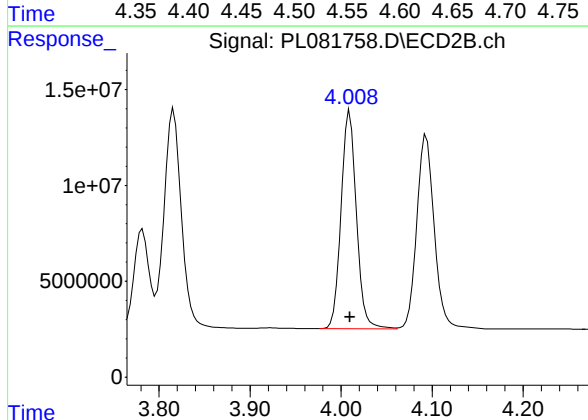
#7 delta-BHC

R.T.: 4.559 min  
Delta R.T.: 0.000 min  
Response: 160630075  
Conc: 52.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

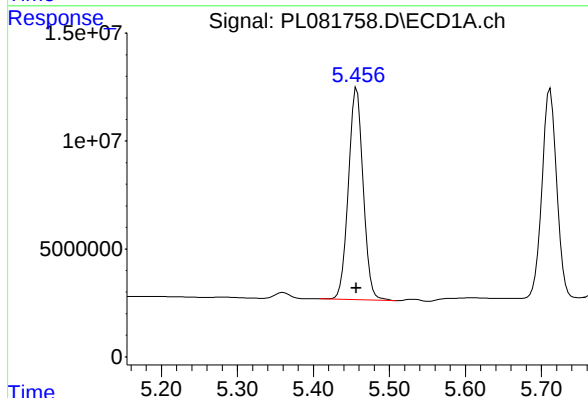
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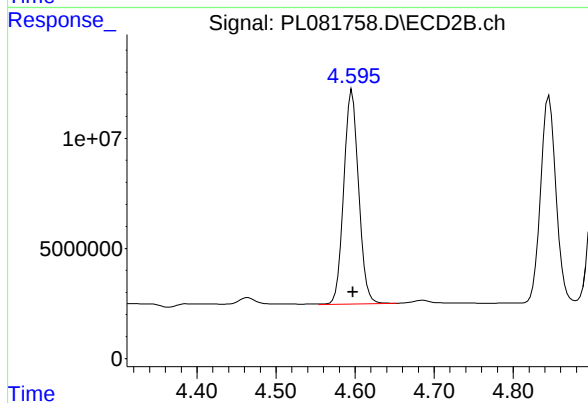
#7 delta-BHC

R.T.: 4.009 min  
Delta R.T.: 0.000 min  
Response: 133276126  
Conc: 51.54 ng/ml



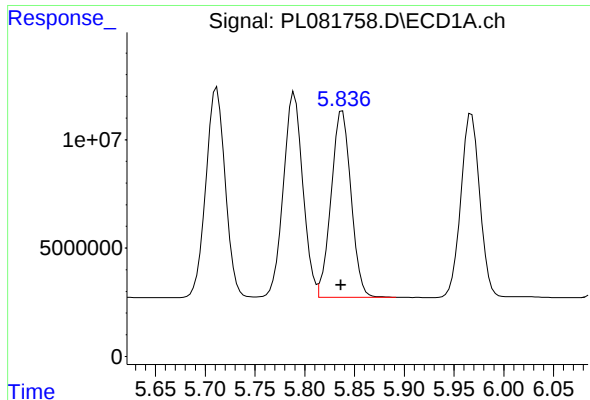
#8 Heptachlor epoxide

R.T.: 5.457 min  
Delta R.T.: 0.000 min  
Response: 133069163  
Conc: 48.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.596 min  
Delta R.T.: -0.001 min  
Response: 126811893  
Conc: 52.21 ng/ml



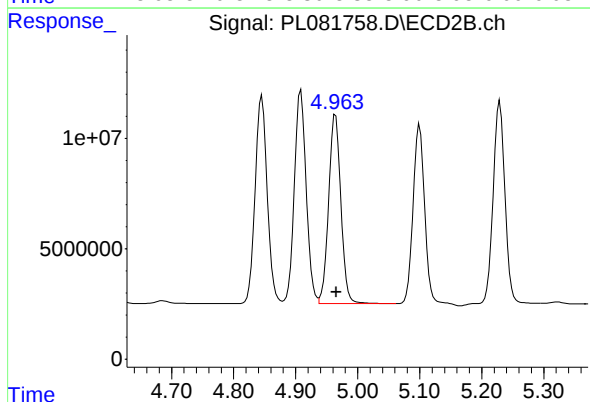
#9 Endosulfan I

R.T.: 5.838 min  
Delta R.T.: 0.001 min  
Response: 119750699  
Conc: 48.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

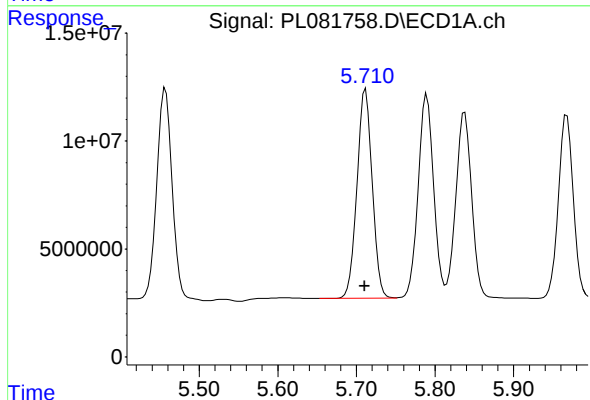
Manual Integrations  
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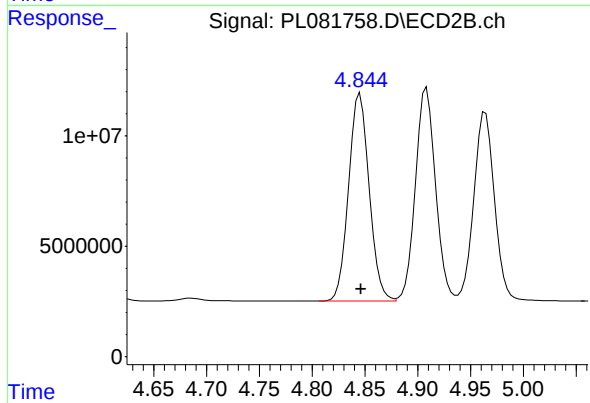
#9 Endosulfan I

R.T.: 4.964 min  
Delta R.T.: -0.001 min  
Response: 116914008  
Conc: 52.96 ng/ml



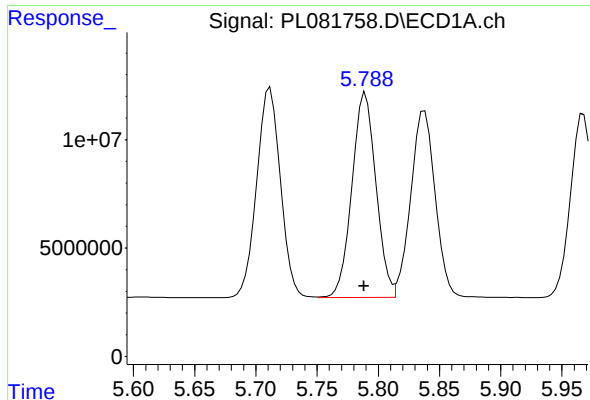
#10 gamma-Chlordane

R.T.: 5.712 min  
Delta R.T.: 0.001 min  
Response: 130869516  
Conc: 49.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.845 min  
Delta R.T.: 0.000 min  
Response: 127611667  
Conc: 52.51 ng/ml



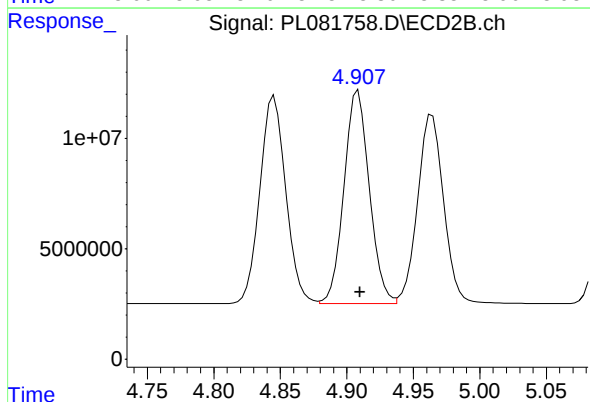
#11 alpha-Chlordane

R.T.: 5.790 min  
Delta R.T.: 0.001 min  
Response: 129025218  
Conc: 49.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

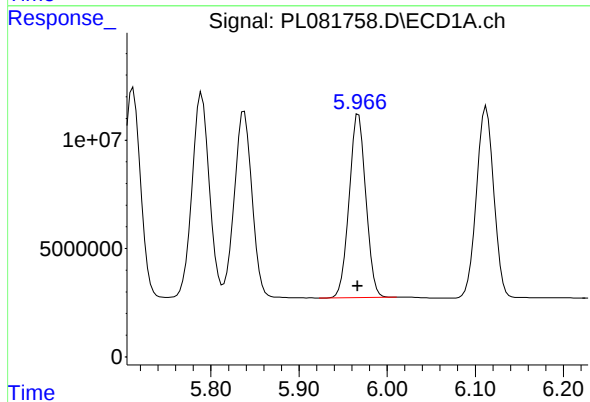
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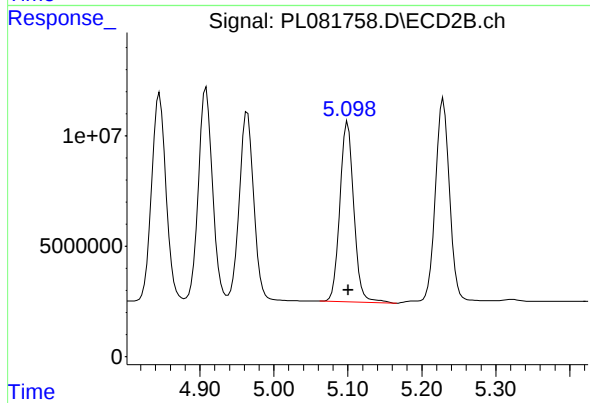
#11 alpha-Chlordane

R.T.: 4.908 min  
Delta R.T.: -0.001 min  
Response: 128157987  
Conc: 52.76 ng/ml



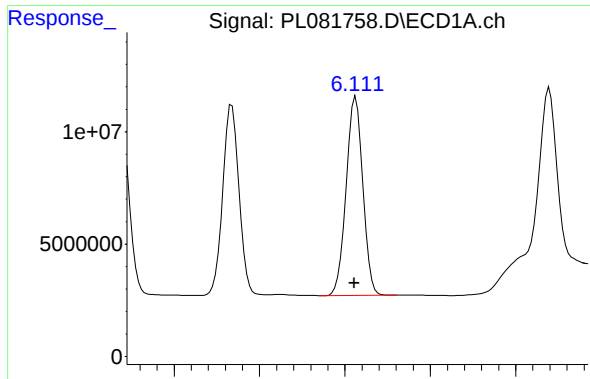
#12 4,4'-DDE

R.T.: 5.968 min  
Delta R.T.: 0.001 min  
Response: 111550643  
Conc: 49.50 ng/ml



#12 4,4'-DDE

R.T.: 5.100 min  
Delta R.T.: 0.000 min  
Response: 106868001  
Conc: 54.25 ng/ml



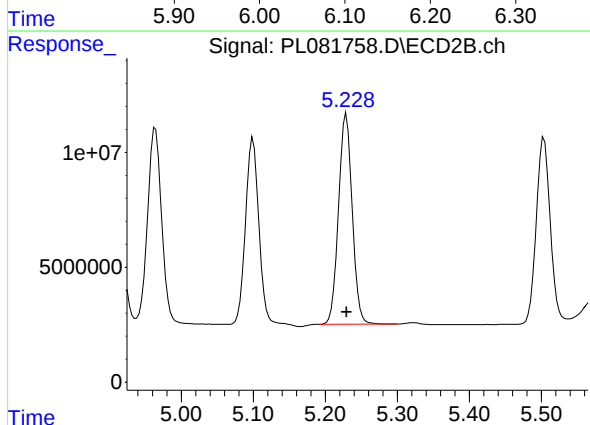
#13 Dieldrin

R.T.: 6.112 min  
Delta R.T.: 0.001 min  
Response: 120249499  
Conc: 49.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

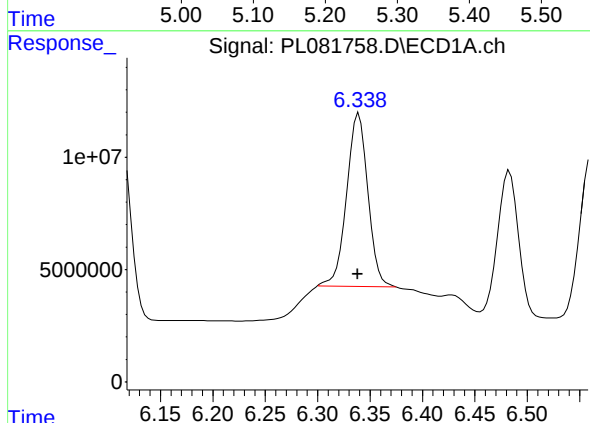
Manual Integrations  
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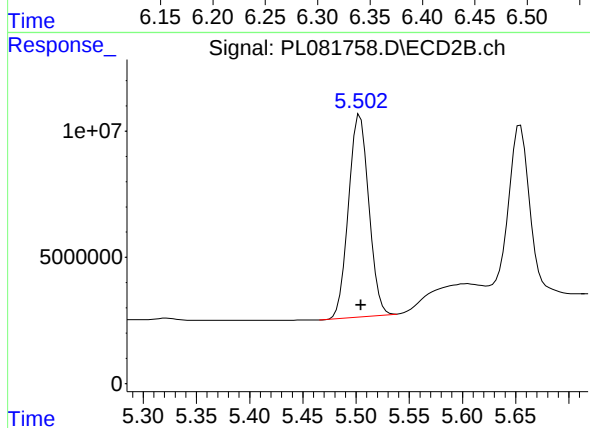
#13 Dieldrin

R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 119894927  
Conc: 53.30 ng/ml



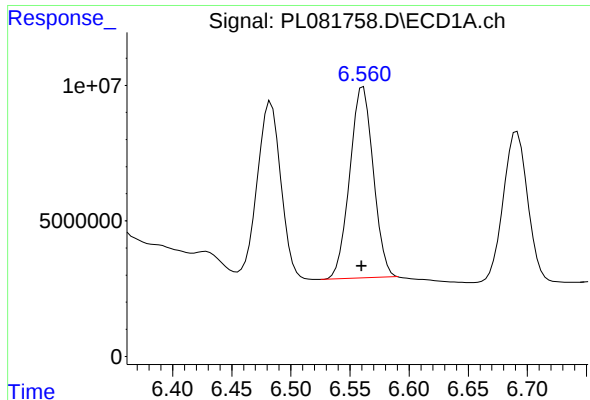
#14 Endrin

R.T.: 6.339 min  
Delta R.T.: 0.001 min  
Response: 109308212  
Conc: 51.68 ng/ml



#14 Endrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 105721971  
Conc: 52.24 ng/ml



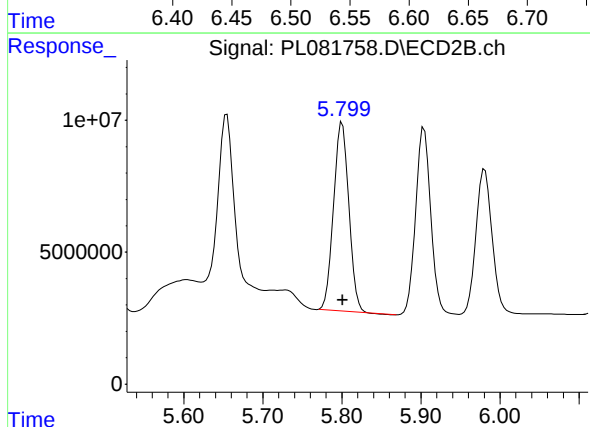
#15 Endosulfan II

R.T.: 6.561 min  
Delta R.T.: 0.001 min  
Response: 96710065  
Conc: 45.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

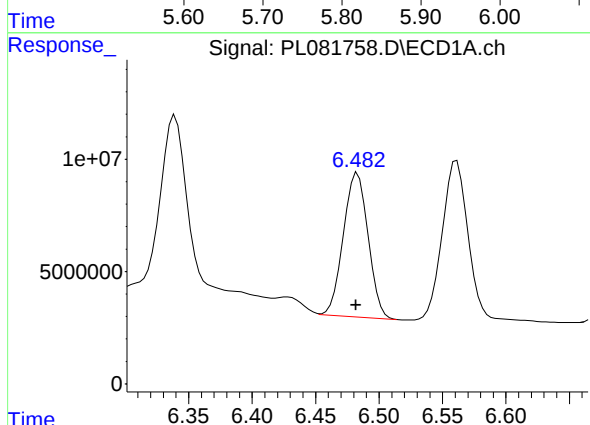
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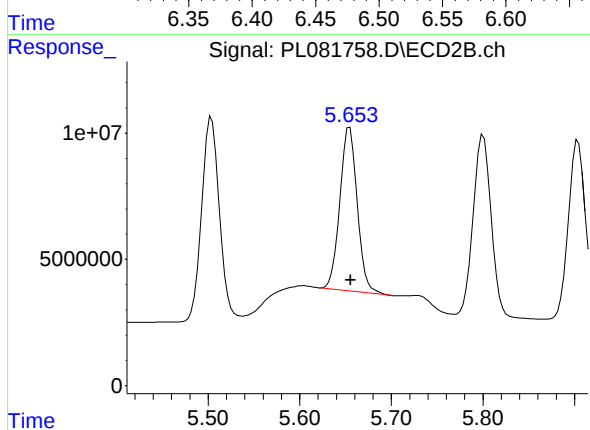
#15 Endosulfan II

R.T.: 5.800 min  
Delta R.T.: 0.000 min  
Response: 96407721  
Conc: 53.15 ng/ml



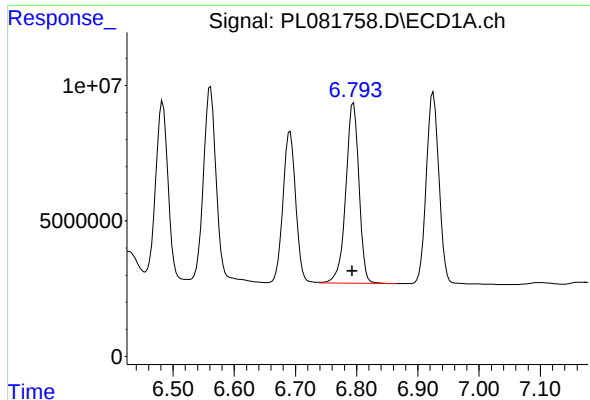
#16 4,4'-DDD

R.T.: 6.482 min  
Delta R.T.: 0.000 min  
Response: 87031313  
Conc: 48.26 ng/ml m



#16 4,4'-DDD

R.T.: 5.654 min  
Delta R.T.: -0.001 min  
Response: 85998172  
Conc: 56.67 ng/ml



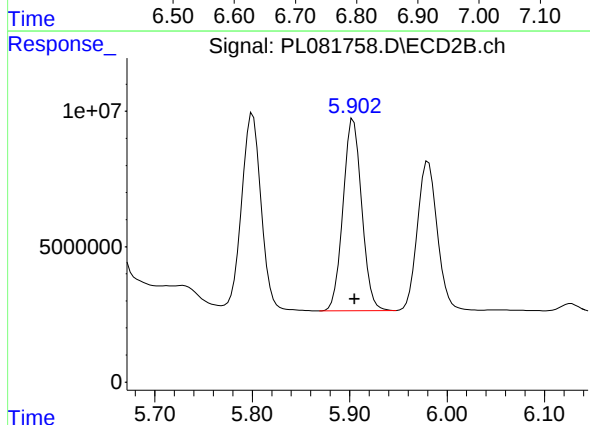
#17 4,4'-DDT

R.T.: 6.795 min  
Delta R.T.: 0.002 min  
Response: 99458132  
Conc: 49.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

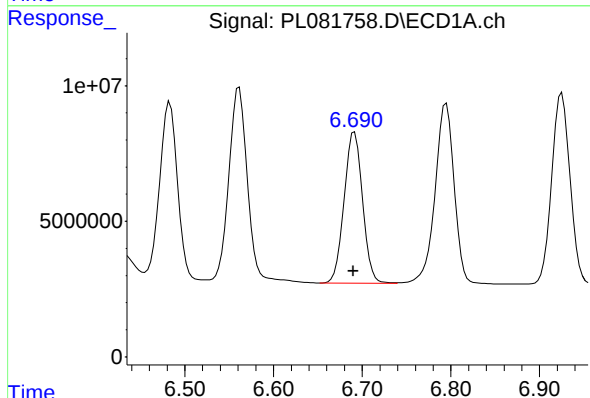
Manual Integrations  
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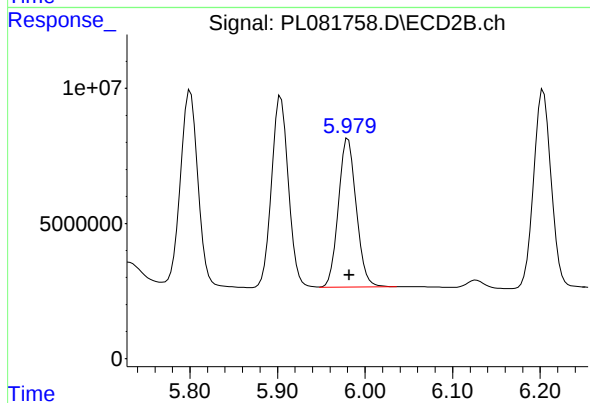
#17 4,4'-DDT

R.T.: 5.904 min  
Delta R.T.: -0.001 min  
Response: 94476531  
Conc: 54.82 ng/ml



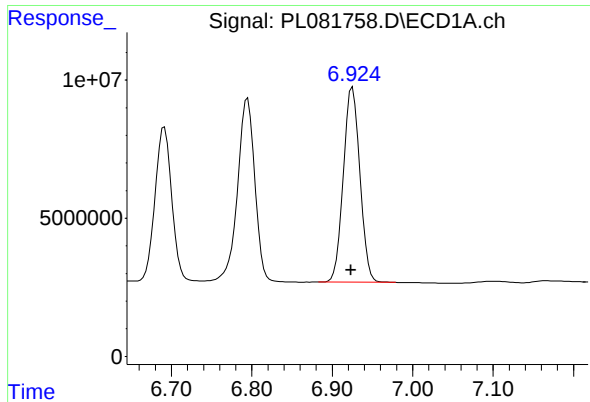
#18 Endrin aldehyde

R.T.: 6.691 min  
Delta R.T.: 0.001 min  
Response: 80606331  
Conc: 49.27 ng/ml



#18 Endrin aldehyde

R.T.: 5.981 min  
Delta R.T.: -0.001 min  
Response: 78136022  
Conc: 50.31 ng/ml



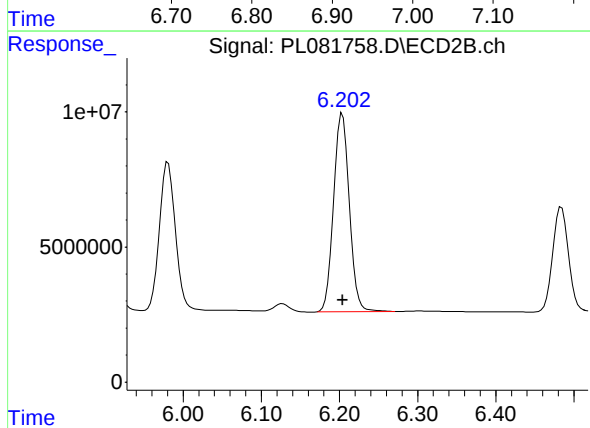
#19 Endosulfan Sulfate

R.T.: 6.925 min  
Delta R.T.: 0.002 min  
Response: 101085868  
Conc: 48.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

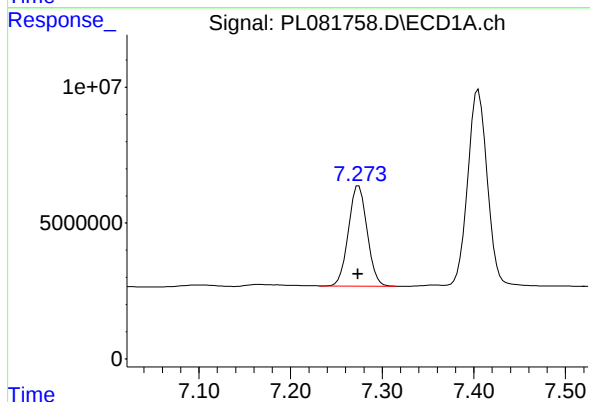
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Supervised By :Ankita Jodhani 03/29/2023



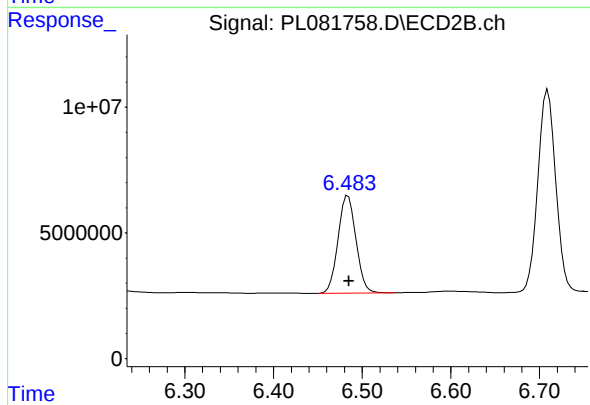
#19 Endosulfan Sulfate

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 102996648  
Conc: 52.94 ng/ml



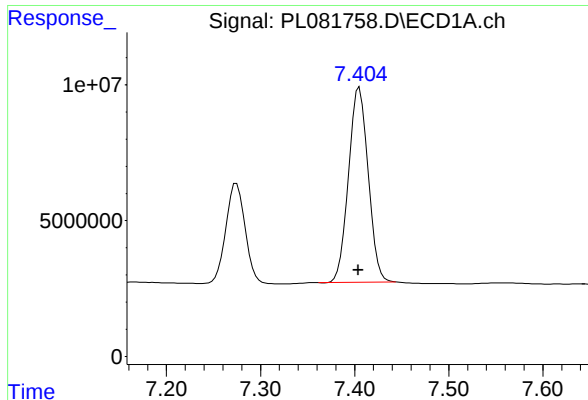
#20 Methoxychlor

R.T.: 7.274 min  
Delta R.T.: 0.000 min  
Response: 52459412  
Conc: 48.71 ng/ml



#20 Methoxychlor

R.T.: 6.484 min  
Delta R.T.: -0.001 min  
Response: 54492264  
Conc: 54.71 ng/ml



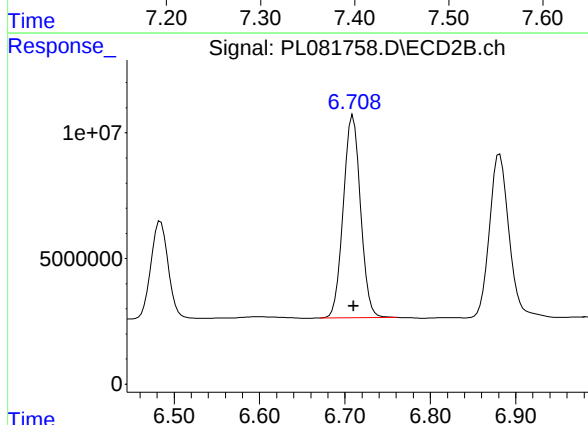
#21 Endrin ketone

R.T.: 7.405 min  
Delta R.T.: 0.001 min  
Response: 104159174  
Conc: 49.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

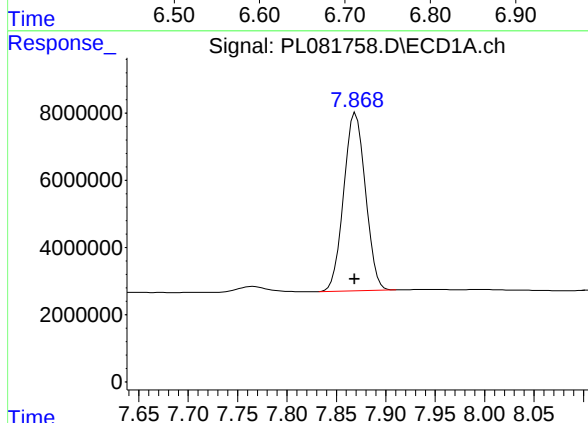
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/29/2023  
Supervised By :Ankita Jodhani 03/29/2023



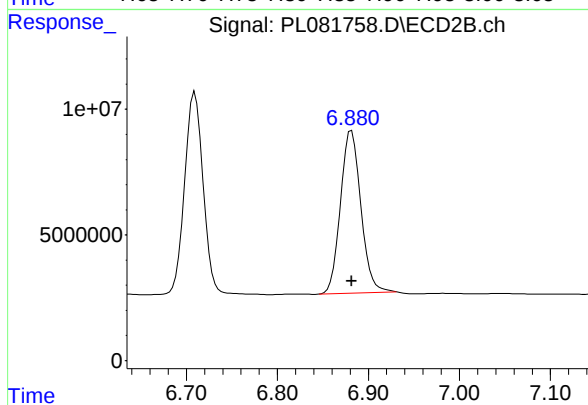
#21 Endrin ketone

R.T.: 6.709 min  
Delta R.T.: 0.000 min  
Response: 113089944  
Conc: 52.92 ng/ml



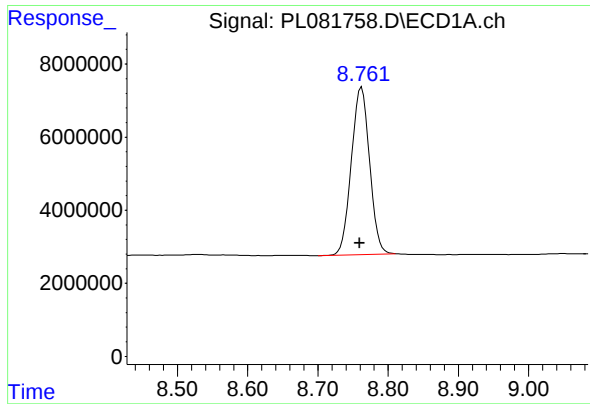
#22 Mirex

R.T.: 7.869 min  
Delta R.T.: 0.000 min  
Response: 80991082  
Conc: 47.27 ng/ml



#22 Mirex

R.T.: 6.881 min  
Delta R.T.: 0.000 min  
Response: 101357469  
Conc: 52.80 ng/ml



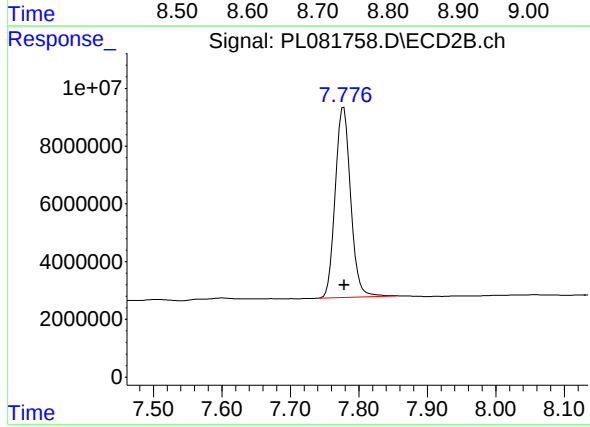
#28 Decachlorobiphenyl

R.T.: 8.762 min  
Delta R.T.: 0.002 min  
Response: 82895037  
Conc: 46.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/29/2023  
Supervised By :Ankita Jodhani 03/29/2023



#28 Decachlorobiphenyl

R.T.: 7.778 min  
Delta R.T.: 0.000 min  
Response: 103037228  
Conc: 51.95 ng/ml