

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012224\  
 Data File : PL087879.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jan 2024 10:02  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/23/2024  
 Supervised By :Ankita Jodhani 01/23/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 22 21:34:14 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:17:47 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... | 3.420 | 2.674 | 154.2E6  | 65169425 | 51.507 | 53.799  |
| 28)                         | SA Decachlor... | 8.976 | 7.858 | 139.4E6  | 64575585 | 48.934 | 50.974  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.876 | 3.177 | 237.1E6  | 98849467 | 52.845 | 53.633  |
| 3)                          | MA gamma-BHC... | 4.209 | 3.507 | 227.2E6  | 96295946 | 52.083 | 52.989  |
| 4)                          | MA Heptachlor   | 4.802 | 3.848 | 220.8E6  | 90360865 | 50.248 | 50.736  |
| 5)                          | MB Aldrin       | 5.144 | 4.129 | 222.7E6  | 92755984 | 51.960 | 52.556  |
| 6)                          | B beta-BHC      | 4.409 | 3.809 | 97202308 | 40579321 | 52.246 | 53.056  |
| 7)                          | B delta-BHC     | 4.655 | 4.038 | 225.0E6  | 94924356 | 53.459 | 54.683  |
| 8)                          | B Heptachlo...  | 5.575 | 4.636 | 200.1E6  | 84687097 | 52.233 | 53.136  |
| 9)                          | A Endosulfan I  | 5.961 | 5.007 | 183.4E6  | 77392801 | 50.868 | 50.029  |
| 10)                         | B gamma-Chl...  | 5.834 | 4.890 | 201.6E6  | 84830834 | 52.151 | 52.557  |
| 11)                         | B alpha-Chl...  | 5.913 | 4.954 | 199.6E6  | 84762440 | 51.950 | 51.074  |
| 12)                         | B 4,4'-DDE      | 6.095 | 5.152 | 173.0E6  | 74321835 | 54.108 | 55.253  |
| 13)                         | MA Dieldrin     | 6.239 | 5.274 | 194.4E6  | 84533808 | 52.188 | 53.195  |
| 14)                         | MA Endrin       | 6.469 | 5.550 | 150.0E6  | 68489117 | 47.743 | 48.300  |
| 15)                         | B Endosulfa...  | 6.691 | 5.847 | 162.2E6  | 72445248 | 50.578 | 52.919  |
| 16)                         | A 4,4'-DDD      | 6.615 | 5.710 | 140.0E6  | 62983385 | 54.292 | 55.858  |
| 17)                         | MA 4,4'-DDT     | 6.932 | 5.962 | 140.0E6  | 63304761 | 48.945 | 50.864  |
| 18)                         | B Endrin al...  | 6.823 | 6.029 | 126.1E6  | 56815923 | 50.135 | 48.886  |
| 19)                         | B Endosulfa...  | 7.060 | 6.253 | 155.2E6  | 70805057 | 50.751 | 53.939m |
| 20)                         | A Methoxychlor  | 7.418 | 6.548 | 73735358 | 34983644 | 45.415 | 47.527  |
| 21)                         | B Endrin ke...  | 7.545 | 6.760 | 174.8E6  | 86281462 | 53.748 | 56.281  |
| 22)                         | Mirex           | 8.023 | 6.941 | 137.3E6  | 67570451 | 48.971 | 50.374  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012224\  
Data File : PL087879.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jan 2024 10:02  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

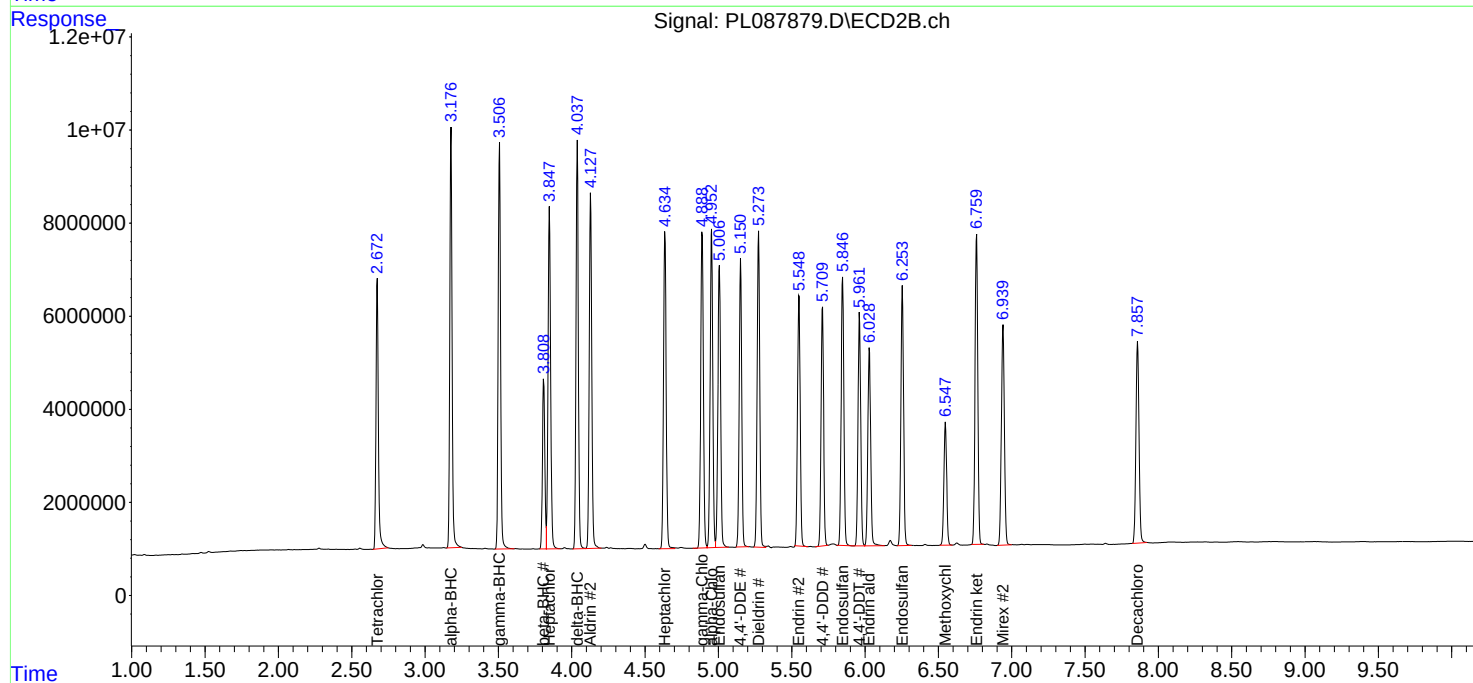
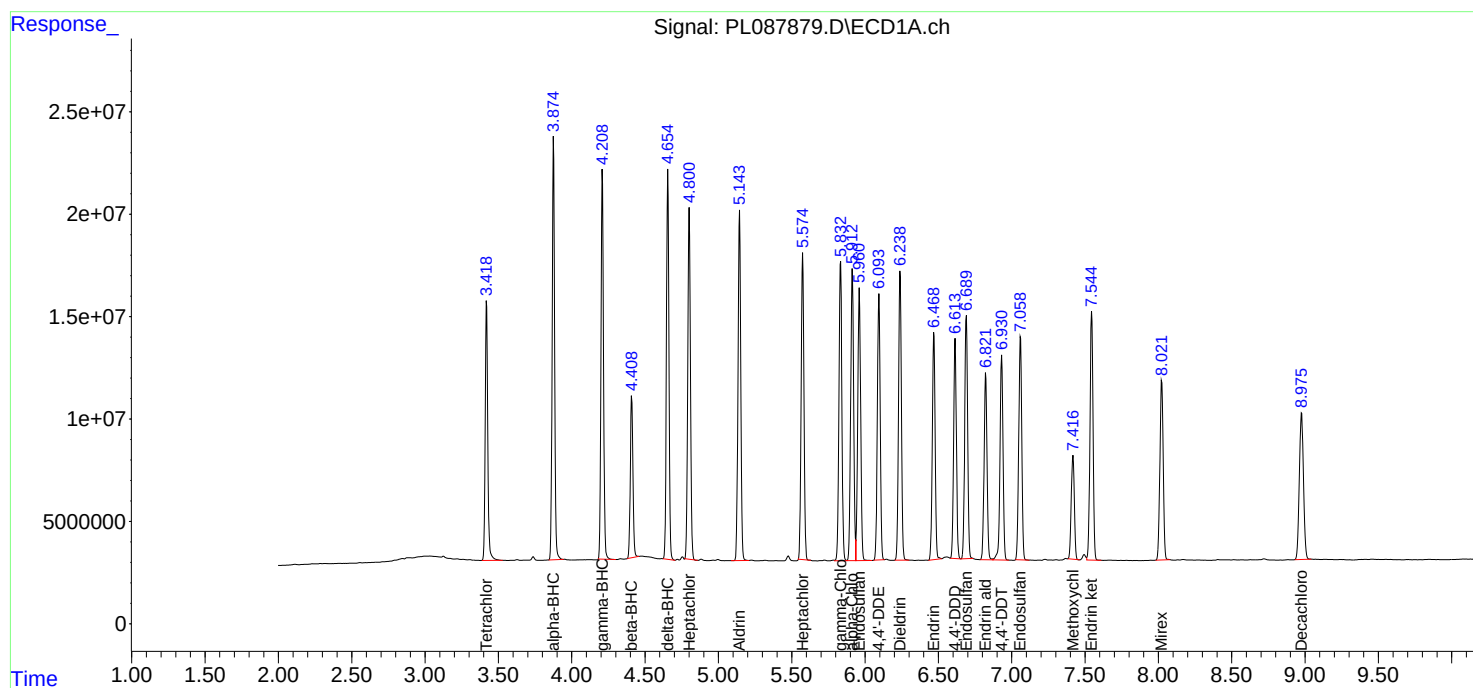
## APPROVED

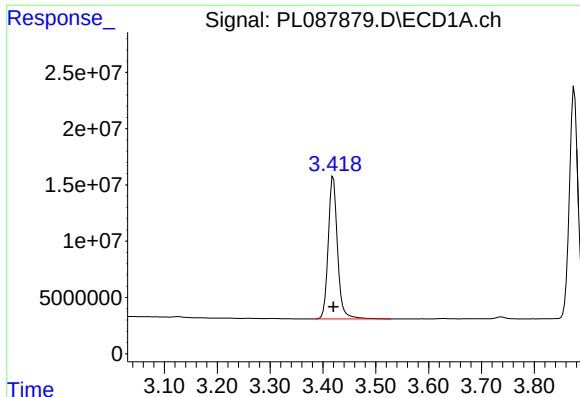
Reviewed By :Abdul Mirza 01/23/2024

Supervised By :Ankita Jodhani 01/23/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 22 21:34:14 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 29 03:17:47 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.: 3.420 min  
Delta R.T.: 0.000 min  
Response: 154198829  
Conc: 51.51 ng/ml

Instrument :

ECD\_L

ClientSampleId :

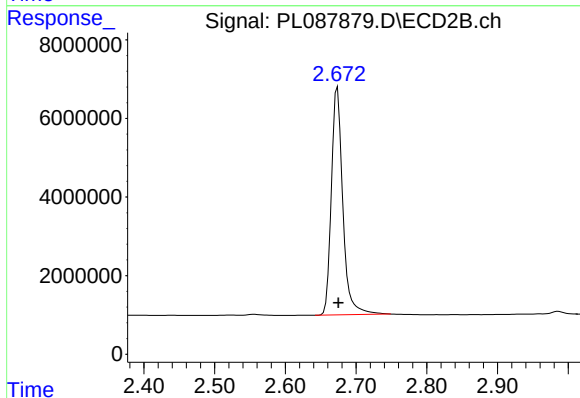
PSTDCCC050

Manual Integrations

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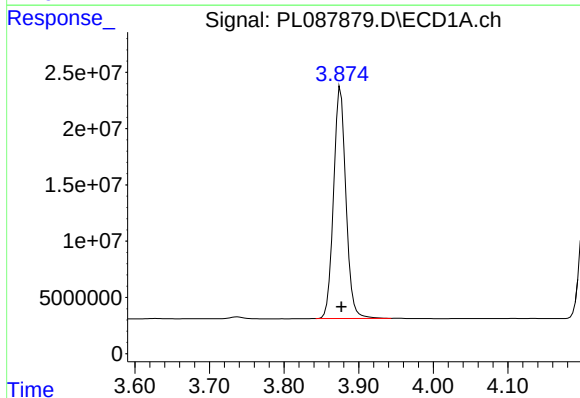
Reviewed By :Abdul Mirza 01/23/2024

Supervised By :Ankita Jodhani 01/23/2024



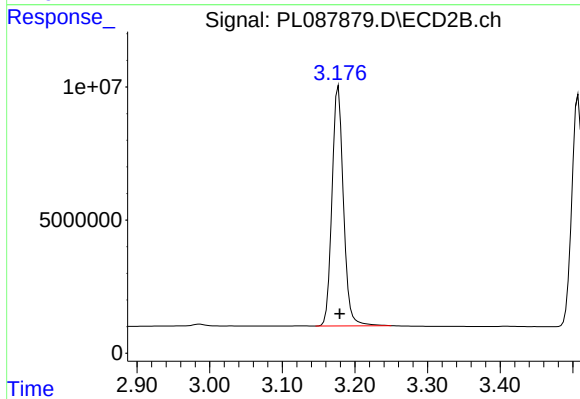
#1 Tetrachloro-m-xylene

R.T.: 2.674 min  
Delta R.T.: -0.001 min  
Response: 65169425  
Conc: 53.80 ng/ml



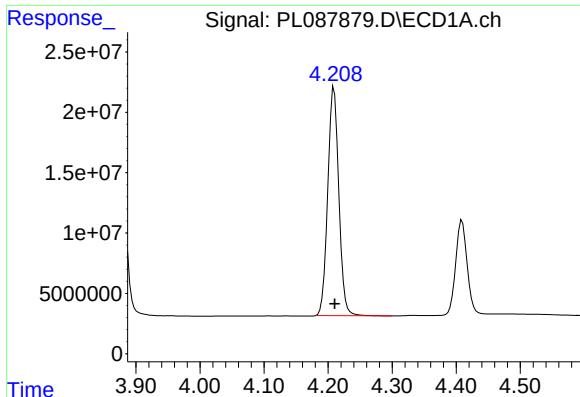
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: -0.001 min  
Response: 237110270  
Conc: 52.84 ng/ml



#2 alpha-BHC

R.T.: 3.177 min  
Delta R.T.: -0.002 min  
Response: 98849467  
Conc: 53.63 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.209 min  
Delta R.T.: -0.001 min  
Response: 227166768  
Conc: 52.08 ng/ml

Instrument :

ECD\_L

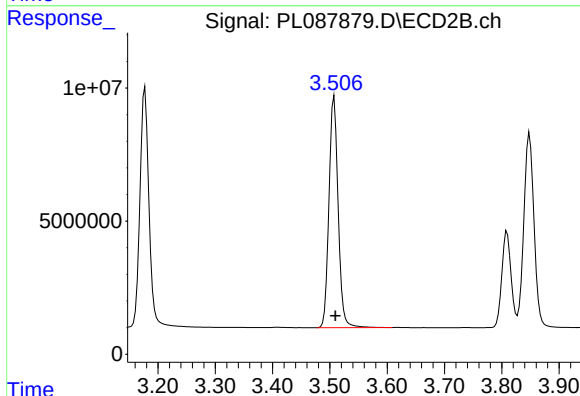
ClientSampleId :

PSTDCCC050

Manual Integrations

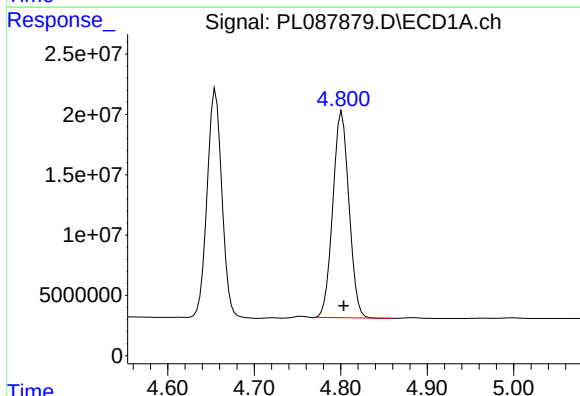
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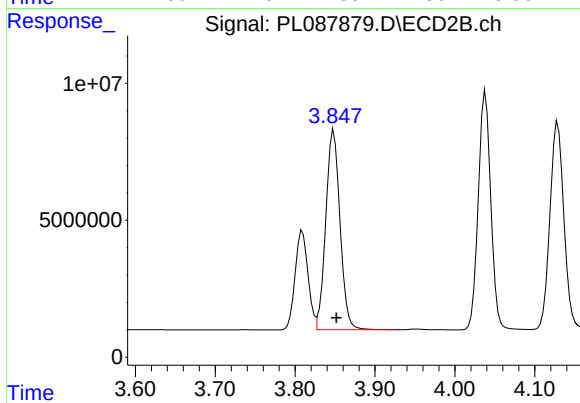
#3 gamma-BHC (Lindane)

R.T.: 3.507 min  
Delta R.T.: -0.002 min  
Response: 96295946  
Conc: 52.99 ng/ml



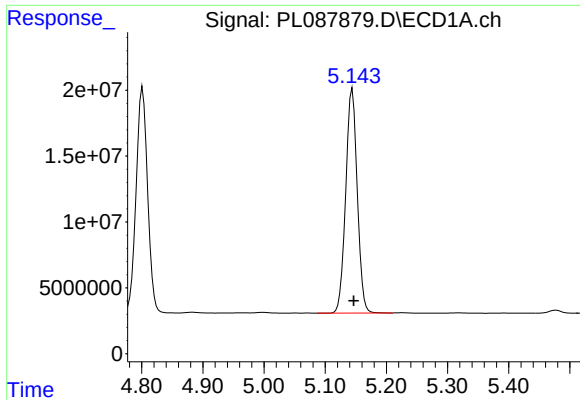
#4 Heptachlor

R.T.: 4.802 min  
Delta R.T.: -0.002 min  
Response: 220795593  
Conc: 50.25 ng/ml



#4 Heptachlor

R.T.: 3.848 min  
Delta R.T.: -0.004 min  
Response: 90360865  
Conc: 50.74 ng/ml



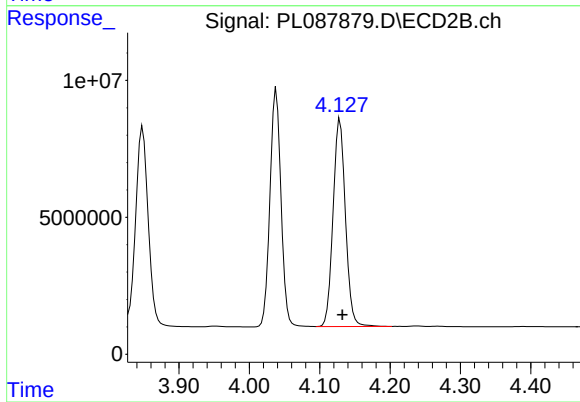
#5 Aldrin

R.T.: 5.144 min  
Delta R.T.: -0.003 min  
Response: 222696646  
Conc: 51.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

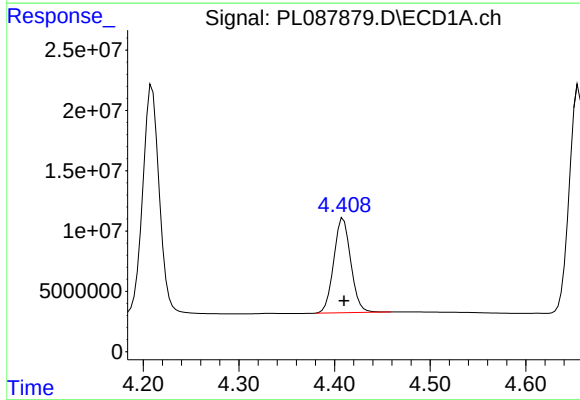
Manual Integrations  
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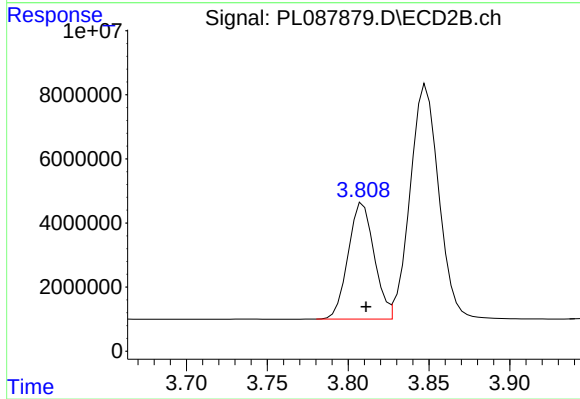
#5 Aldrin

R.T.: 4.129 min  
Delta R.T.: -0.003 min  
Response: 92755984  
Conc: 52.56 ng/ml



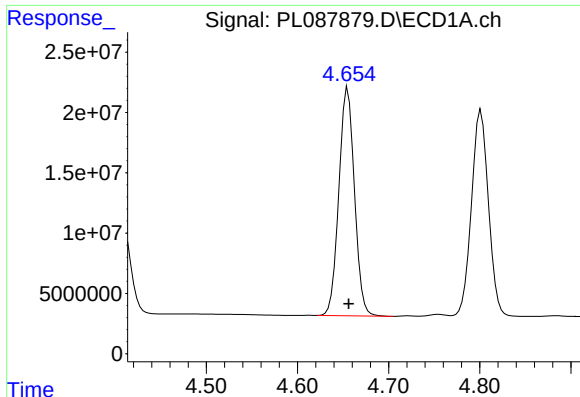
#6 beta-BHC

R.T.: 4.409 min  
Delta R.T.: 0.000 min  
Response: 97202308  
Conc: 52.25 ng/ml



#6 beta-BHC

R.T.: 3.809 min  
Delta R.T.: -0.002 min  
Response: 40579321  
Conc: 53.06 ng/ml



#7 delta-BHC

R.T.: 4.655 min  
Delta R.T.: -0.001 min  
Response: 224950909  
Conc: 53.46 ng/ml

Instrument :

ECD\_L

ClientSampleId :

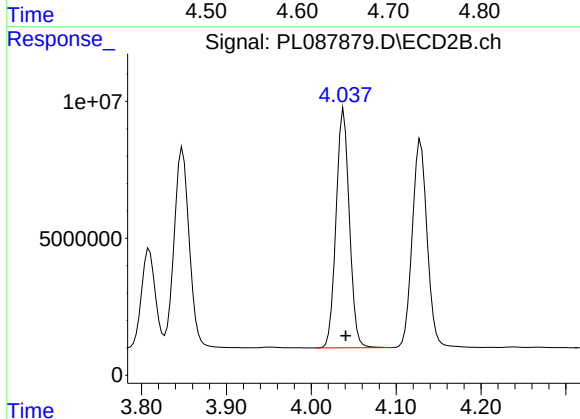
PSTDCCC050

Manual Integrations

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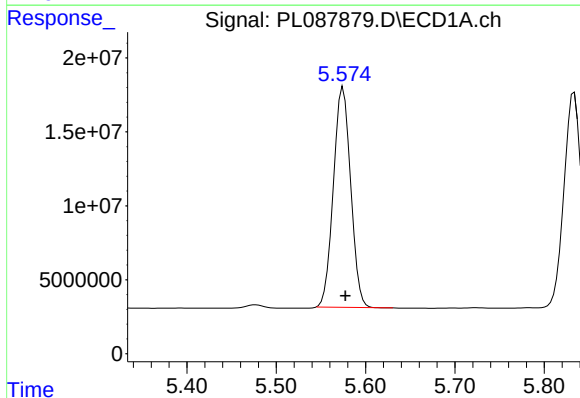
Reviewed By :Abdul Mirza 01/23/2024

Supervised By :Ankita Jodhani 01/23/2024



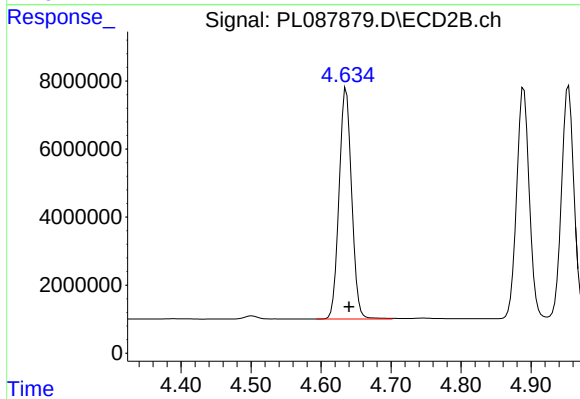
#7 delta-BHC

R.T.: 4.038 min  
Delta R.T.: -0.002 min  
Response: 94924356  
Conc: 54.68 ng/ml



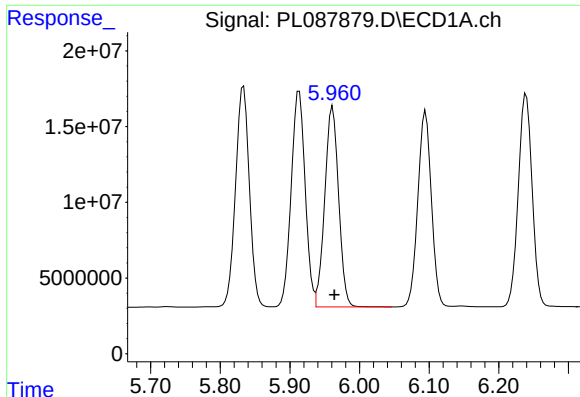
#8 Heptachlor epoxide

R.T.: 5.575 min  
Delta R.T.: -0.002 min  
Response: 200116651  
Conc: 52.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.636 min  
Delta R.T.: -0.004 min  
Response: 84687097  
Conc: 53.14 ng/ml



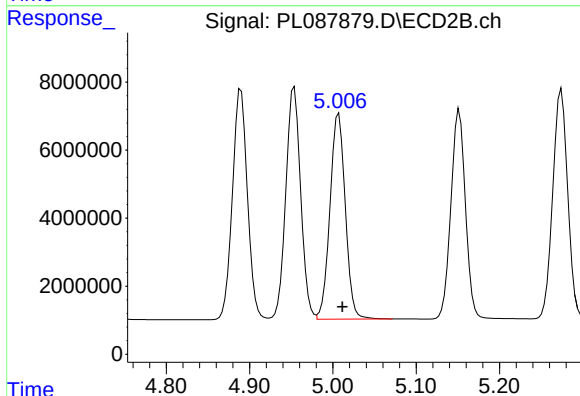
#9 Endosulfan I

R.T.: 5.961 min  
Delta R.T.: -0.003 min  
Response: 183432101  
Conc: 50.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

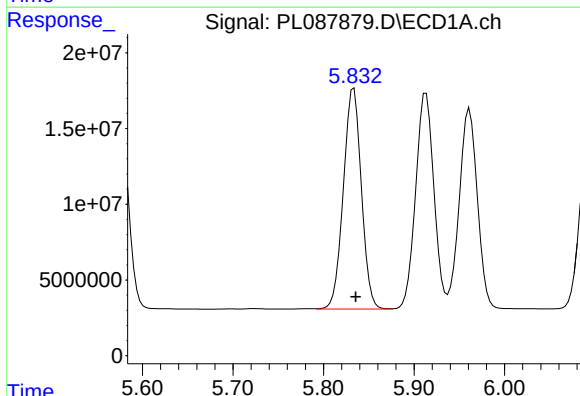
Manual Integrations  
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Reviewed By :Abdul Mirza 01/23/2024  
Supervised By :Ankita Jodhani 01/23/2024



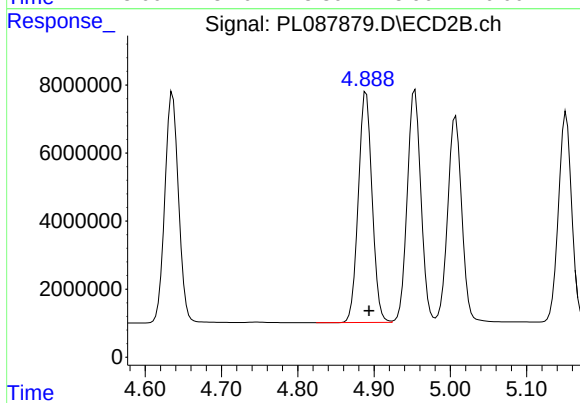
#9 Endosulfan I

R.T.: 5.007 min  
Delta R.T.: -0.004 min  
Response: 77392801  
Conc: 50.03 ng/ml



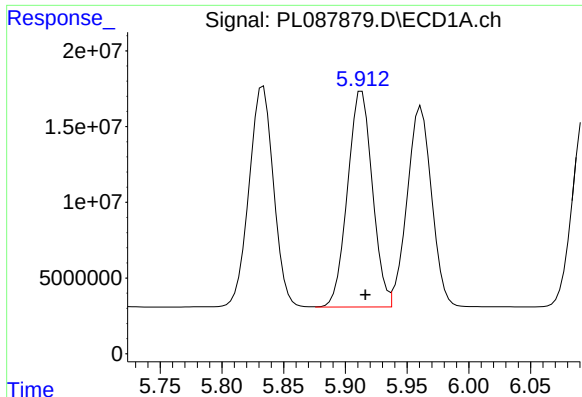
#10 gamma-Chlordane

R.T.: 5.834 min  
Delta R.T.: -0.002 min  
Response: 201599249  
Conc: 52.15 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min  
Delta R.T.: -0.004 min  
Response: 84830834  
Conc: 52.56 ng/ml



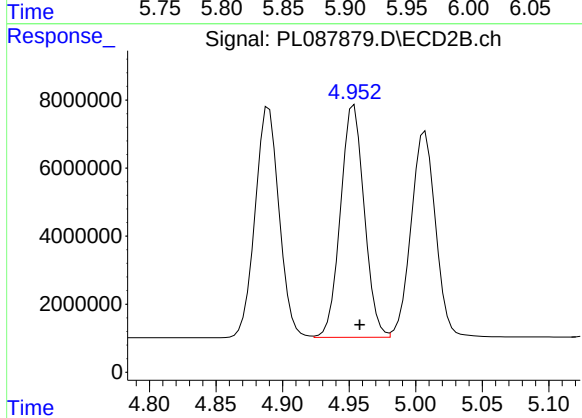
#11 alpha-Chlordane

R.T.: 5.913 min  
Delta R.T.: -0.003 min  
Response: 199628511  
Conc: 51.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

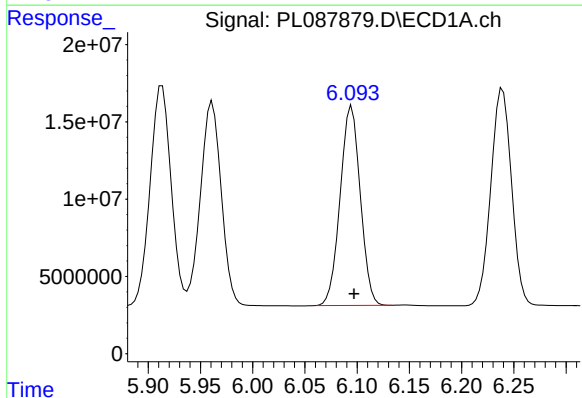
Manual Integrations  
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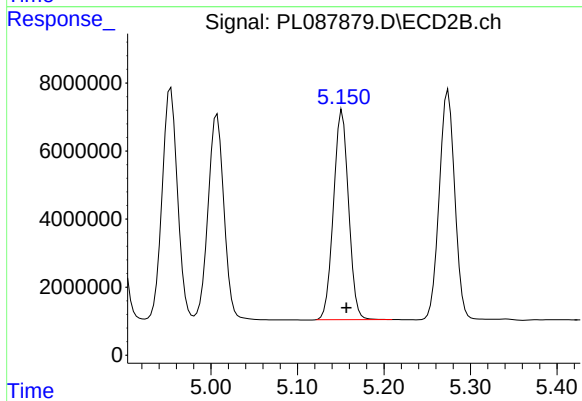
#11 alpha-Chlordane

R.T.: 4.954 min  
Delta R.T.: -0.004 min  
Response: 84762440  
Conc: 51.07 ng/ml



#12 4,4'-DDE

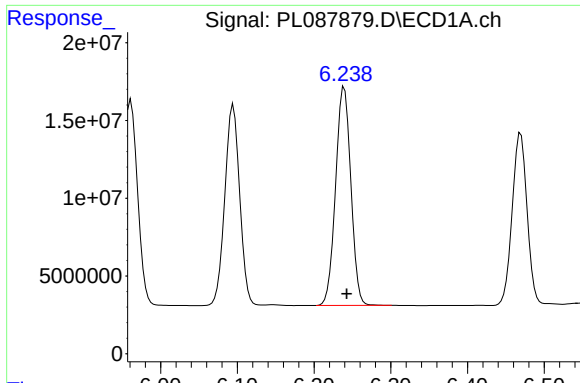
R.T.: 6.095 min  
Delta R.T.: -0.002 min  
Response: 172992897  
Conc: 54.11 ng/ml



#12 4,4'-DDE

R.T.: 5.152 min  
Delta R.T.: -0.005 min  
Response: 74321835  
Conc: 55.25 ng/ml





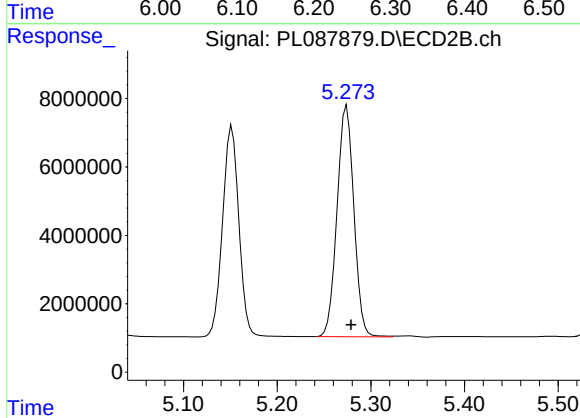
#13 Dieldrin

R.T.: 6.239 min  
Delta R.T.: -0.003 min  
Response: 194392080  
Conc: 52.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

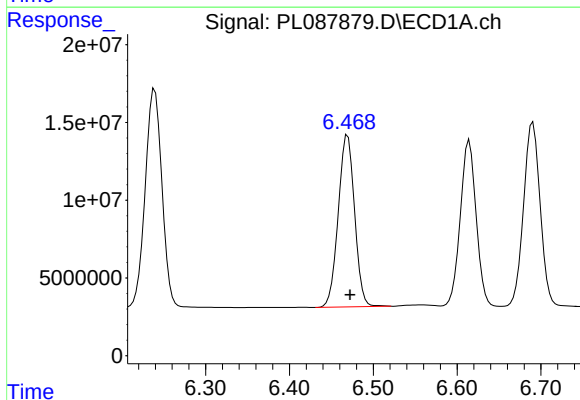
Manual Integrations  
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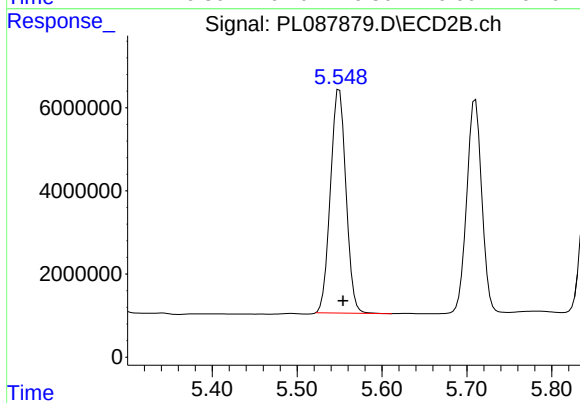
#13 Dieldrin

R.T.: 5.274 min  
Delta R.T.: -0.005 min  
Response: 84533808  
Conc: 53.19 ng/ml



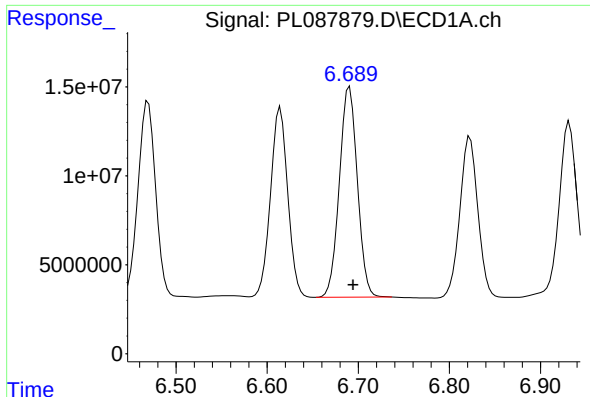
#14 Endrin

R.T.: 6.469 min  
Delta R.T.: -0.003 min  
Response: 149954811  
Conc: 47.74 ng/ml



#14 Endrin

R.T.: 5.550 min  
Delta R.T.: -0.004 min  
Response: 68489117  
Conc: 48.30 ng/ml



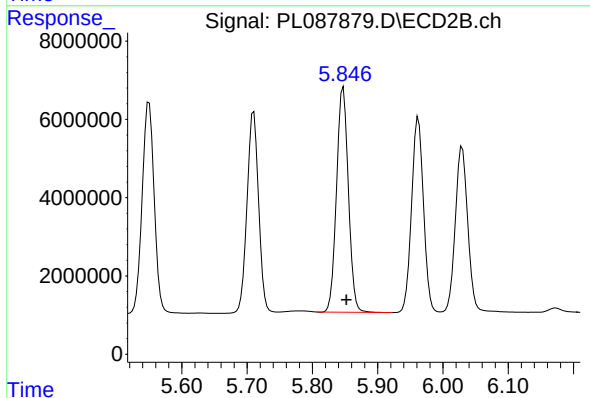
#15 Endosulfan II

R.T.: 6.691 min  
Delta R.T.: -0.004 min  
Response: 162205543  
Conc: 50.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

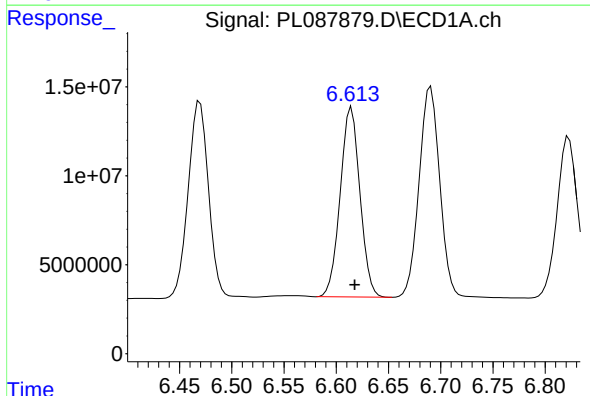
Manual Integrations  
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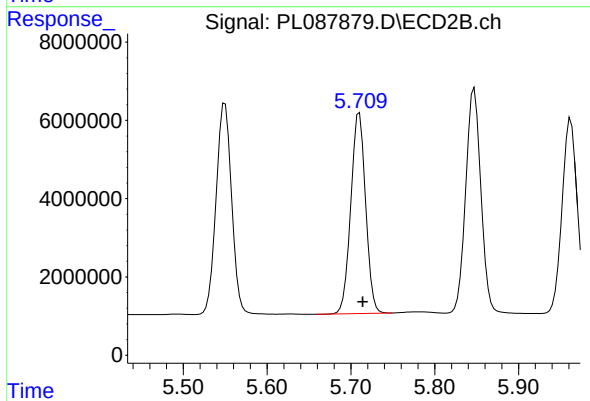
#15 Endosulfan II

R.T.: 5.847 min  
Delta R.T.: -0.005 min  
Response: 72445248  
Conc: 52.92 ng/ml



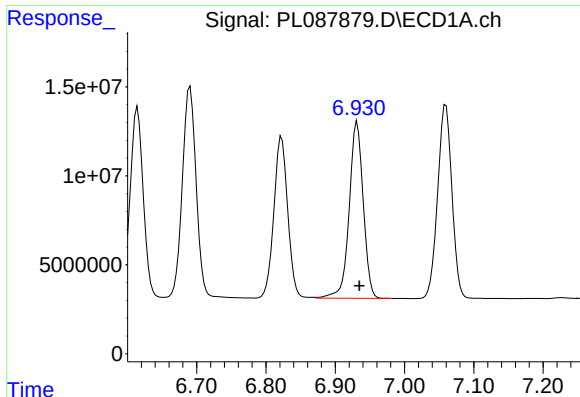
#16 4,4'-DDD

R.T.: 6.615 min  
Delta R.T.: -0.003 min  
Response: 139995512  
Conc: 54.29 ng/ml



#16 4,4'-DDD

R.T.: 5.710 min  
Delta R.T.: -0.004 min  
Response: 62983385  
Conc: 55.86 ng/ml



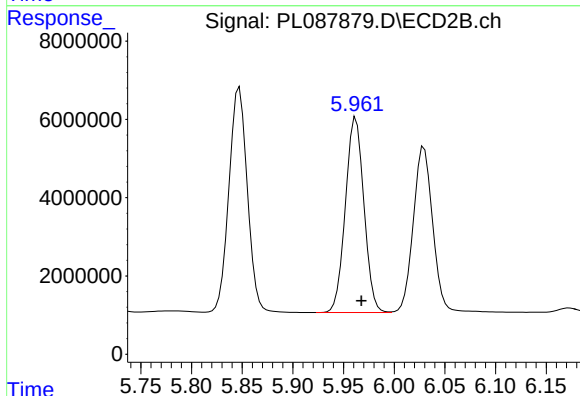
#17 4,4'-DDT

R.T.: 6.932 min  
Delta R.T.: -0.003 min  
Response: 139960423  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

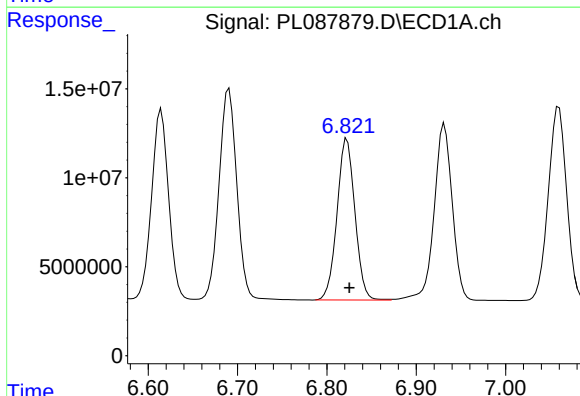
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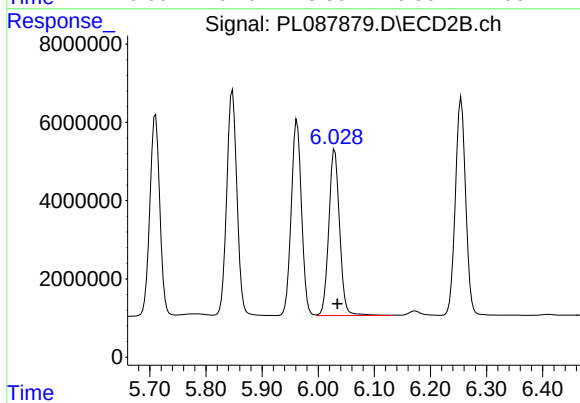
#17 4,4'-DDT

R.T.: 5.962 min  
Delta R.T.: -0.005 min  
Response: 63304761  
Conc: 50.86 ng/ml



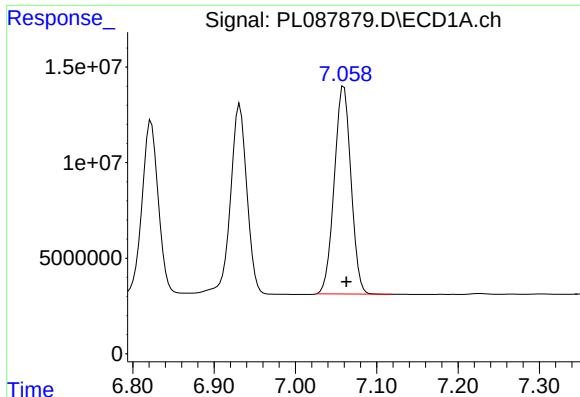
#18 Endrin aldehyde

R.T.: 6.823 min  
Delta R.T.: -0.002 min  
Response: 126104019  
Conc: 50.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.029 min  
Delta R.T.: -0.005 min  
Response: 56815923  
Conc: 48.89 ng/ml



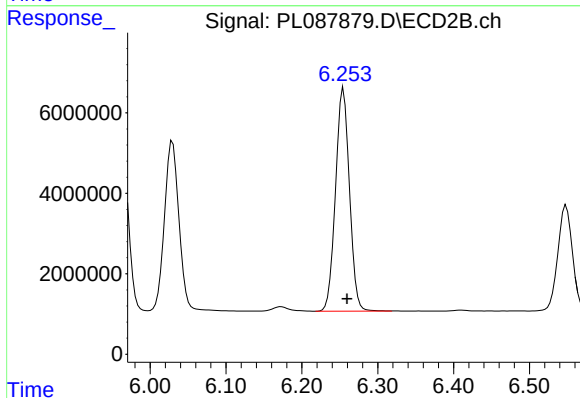
#19 Endosulfan Sulfate

R.T.: 7.060 min  
Delta R.T.: -0.003 min  
Response: 155222780  
Conc: 50.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

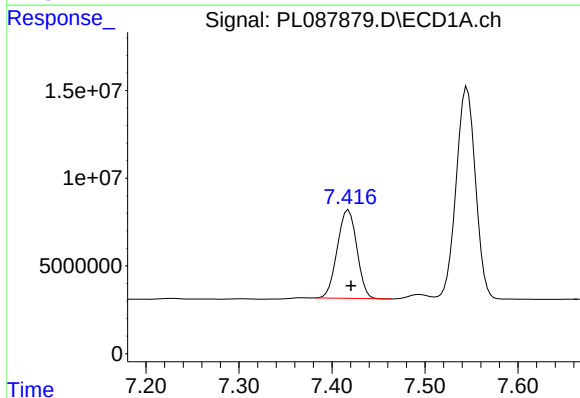
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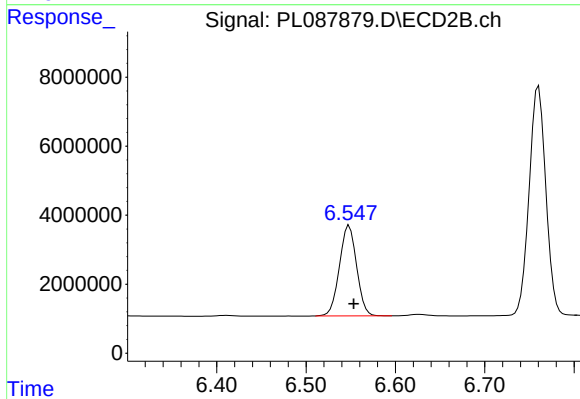
#19 Endosulfan Sulfate

R.T.: 6.253 min  
Delta R.T.: -0.006 min  
Response: 70805057  
Conc: 53.94 ng/ml m



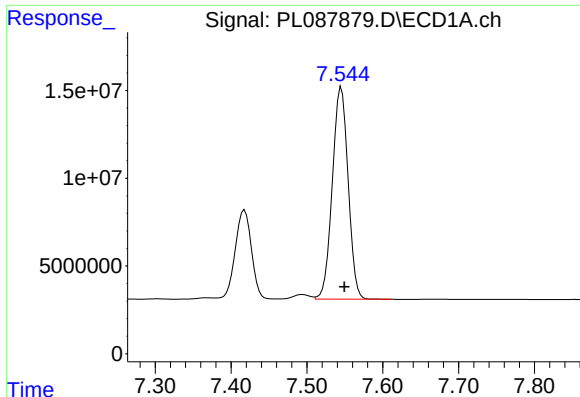
#20 Methoxychlor

R.T.: 7.418 min  
Delta R.T.: -0.003 min  
Response: 73735358  
Conc: 45.42 ng/ml



#20 Methoxychlor

R.T.: 6.548 min  
Delta R.T.: -0.005 min  
Response: 34983644  
Conc: 47.53 ng/ml



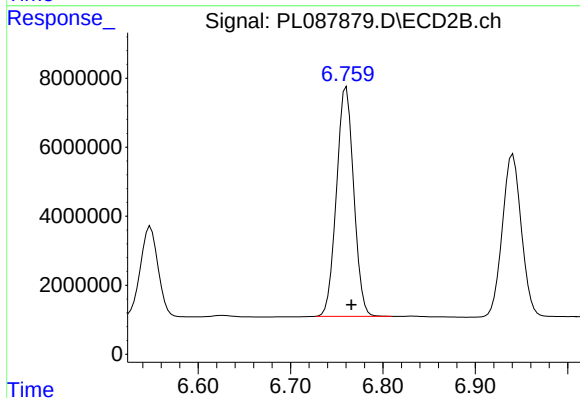
#21 Endrin ketone

R.T.: 7.545 min  
Delta R.T.: -0.004 min  
Response: 174820611  
Conc: 53.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

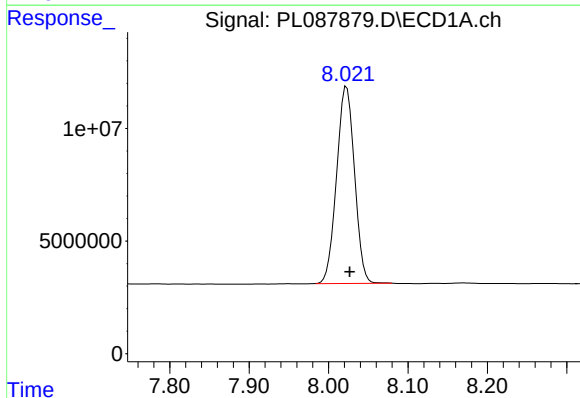
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/23/2024  
Supervised By :Ankita Jodhani 01/23/2024



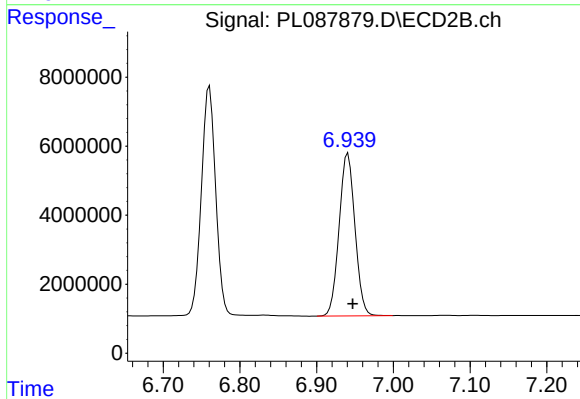
#21 Endrin ketone

R.T.: 6.760 min  
Delta R.T.: -0.005 min  
Response: 86281462  
Conc: 56.28 ng/ml



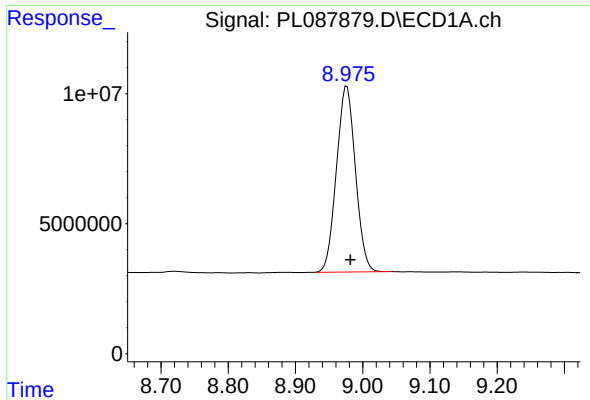
#22 Mirex

R.T.: 8.023 min  
Delta R.T.: -0.004 min  
Response: 137308364  
Conc: 48.97 ng/ml



#22 Mirex

R.T.: 6.941 min  
Delta R.T.: -0.006 min  
Response: 67570451  
Conc: 50.37 ng/ml



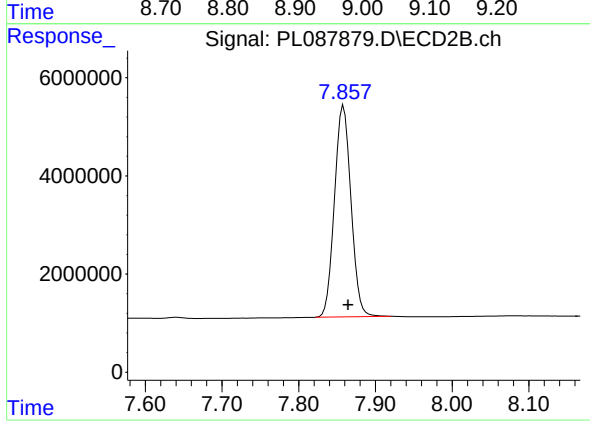
#28 Decachlorobiphenyl

R.T.: 8.976 min  
Delta R.T.: -0.006 min  
Response: 139365083  
Conc: 48.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/23/2024  
Supervised By :Ankita Jodhani 01/23/2024



#28 Decachlorobiphenyl

R.T.: 7.858 min  
Delta R.T.: -0.006 min  
Response: 64575585  
Conc: 50.97 ng/ml