

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092622\  
 Data File : PL077921.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2022 15:21  
 Operator : AR\AJ  
 Sample : N4809-07MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP3-0923MS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/27/2022  
 Supervised By : Ankita Jodhani 09/27/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 00:15:24 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 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... | 3.415 | 2.624 | 30880797 | 54257277 | 19.264  | 18.276   |
| 28)                         | SA Decachlor... | 8.907 | 7.724 | 58612795 | 114.4E6  | 45.351m | 45.563   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.881 | 3.116 | 143.4E6  | 240.0E6  | 60.447  | 52.919   |
| 3)                          | MA gamma-BHC... | 4.217 | 3.441 | 131.8E6  | 210.1E6  | 59.575  | 52.017   |
| 4)                          | MA Heptachlor   | 4.792 | 3.772 | 132.9E6  | 212.9E6  | 60.007  | 53.760   |
| 5)                          | MB Aldrin       | 5.133 | 4.047 | 128.2E6  | 217.8E6  | 64.503  | 57.394   |
| 6)                          | B beta-BHC      | 4.429 | 3.741 | 61625114 | 86591880 | 63.408  | 52.013   |
| 7)                          | B delta-BHC     | 4.673 | 3.964 | 91077304 | 181.6E6  | 44.359  | 44.747   |
| 8)                          | B Heptachlo...  | 5.566 | 4.546 | 104.5E6  | 181.0E6  | 59.934  | 53.528   |
| 9)                          | A Endosulfan I  | 5.953 | 4.912 | 94813220 | 130.5E6  | 58.828  | 41.363 # |
| 10)                         | B gamma-Chl...  | 5.822 | 4.795 | 112.6E6  | 201.2E6  | 64.305  | 59.040   |
| 11)                         | B alpha-Chl...  | 5.899 | 4.857 | 112.0E6  | 181.6E6  | 64.861  | 54.829   |
| 12)                         | B 4,4'-DDE      | 6.077 | 5.052 | 86433994 | 188.5E6  | 54.298  | 57.940   |
| 13)                         | MA Dieldrin     | 6.230 | 5.175 | 102.3E6  | 200.8E6  | 63.365  | 60.571   |
| 14)                         | MA Endrin       | 6.462 | 5.447 | 88527551 | 176.5E6  | 64.011  | 61.901   |
| 15)                         | B Endosulfa...  | 6.691 | 5.743 | 89815557 | 156.9E6  | 65.019  | 59.528   |
| 16)                         | A 4,4'-DDD      | 6.603 | 5.605 | 84184329 | 136.4E6  | 71.900  | 52.648 # |
| 17)                         | MA 4,4'-DDT     | 6.914 | 5.852 | 90032222 | 186.9E6  | 71.052  | 70.917   |
| 18)                         | B Endrin al...  | 6.822 | 5.922 | 76462883 | 124.9E6  | 72.307  | 60.514   |
| 19)                         | B Endosulfa...  | 7.054 | 6.145 | 68109184 | 149.7E6  | 53.185  | 55.665   |
| 20)                         | A Methoxychlor  | 7.396 | 6.430 | 36230170 | 86690178 | 54.857  | 63.304m  |
| 21)                         | B Endrin ke...  | 7.542 | 6.645 | 74967026 | 142.3E6  | 54.253m | 46.977   |
| 22)                         | Mirex           | 8.002 | 6.821 | 56442882 | 110.7E6  | 53.756m | 51.497   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092622\  
 Data File : PL077921.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2022 15:21  
 Operator : AR\AJ  
 Sample : N4809-07MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

TP3-0923MS

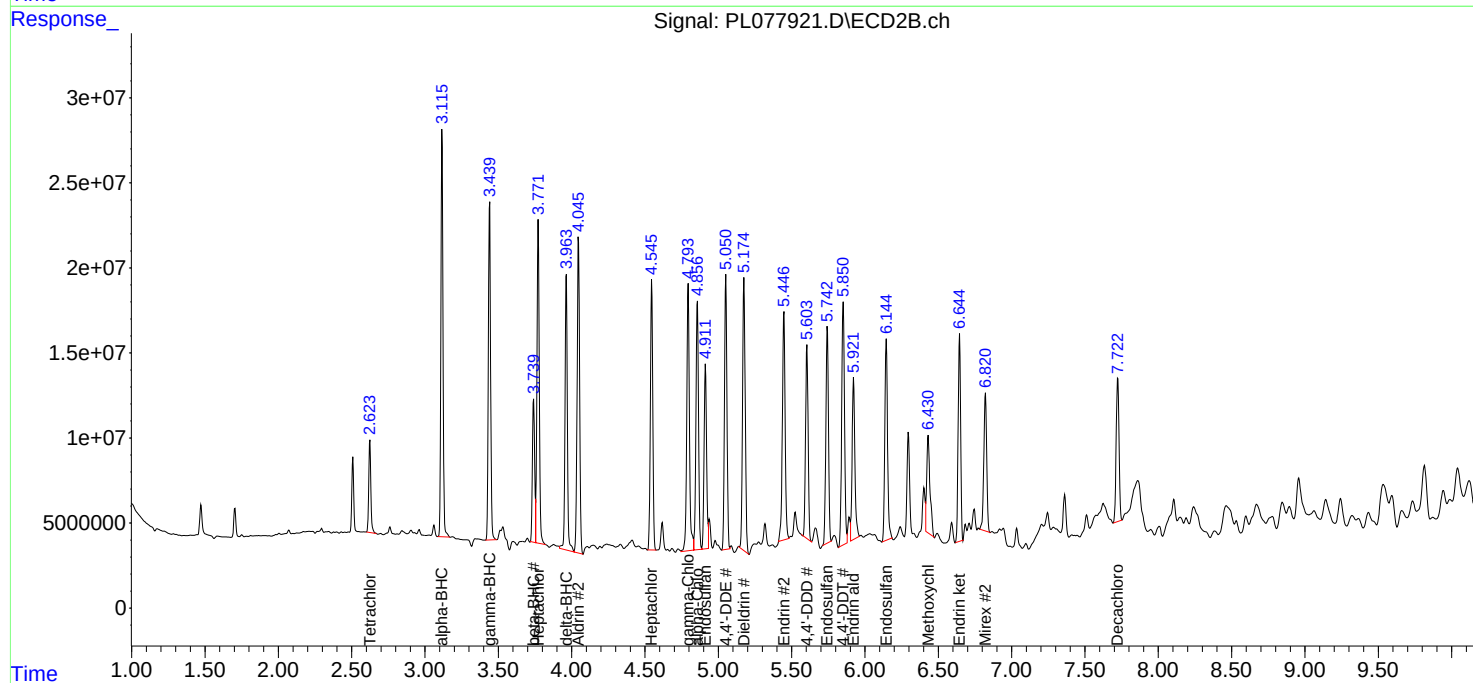
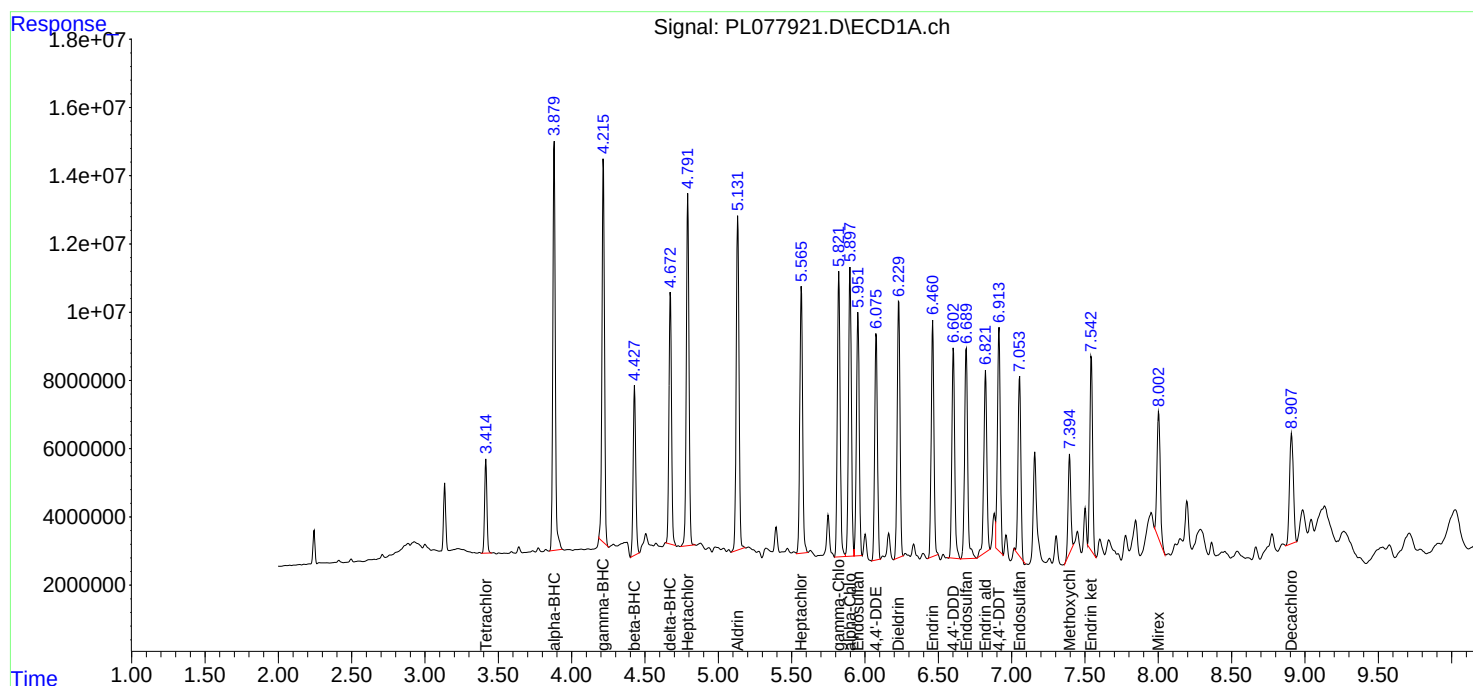
## Manual Integrations

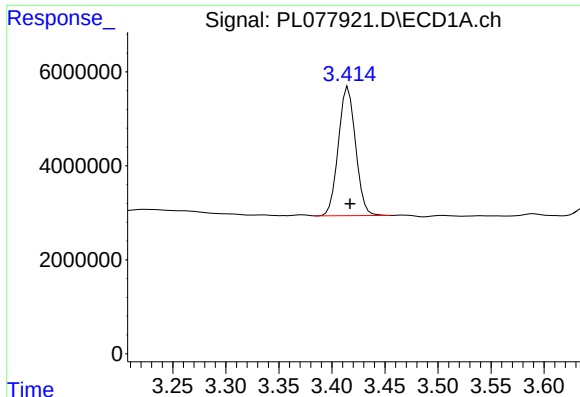
APPROVED

Reviewed By :Abdul Mirza 09/27/2022  
 Supervised By :Ankita Jodhani 09/27/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 00:15:24 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 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





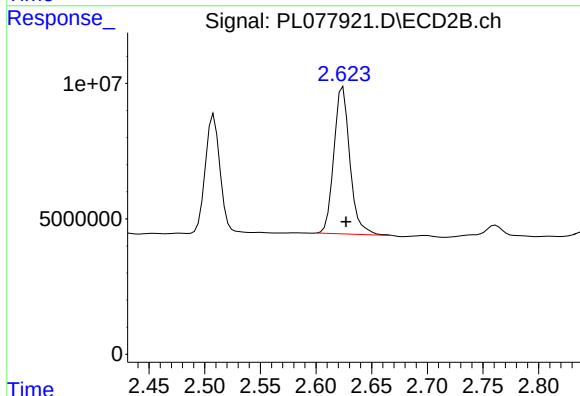
#1 Tetrachloro-m-xylene

R.T.: 3.415 min  
Delta R.T.: -0.002 min  
Response: 30880797  
Conc: 19.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP3-0923MS

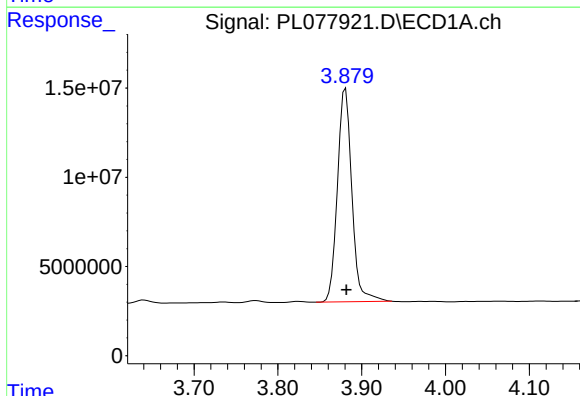
Manual Integrations  
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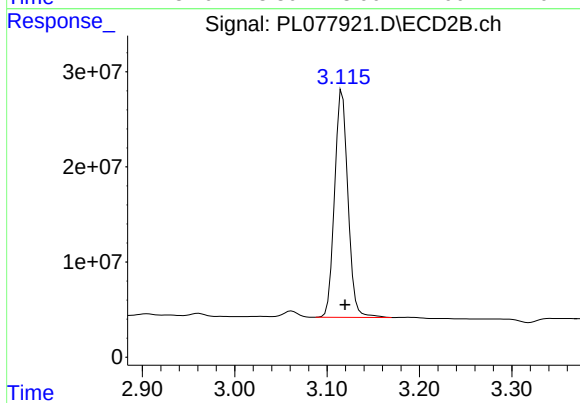
#1 Tetrachloro-m-xylene

R.T.: 2.624 min  
Delta R.T.: -0.003 min  
Response: 54257277  
Conc: 18.28 ng/ml



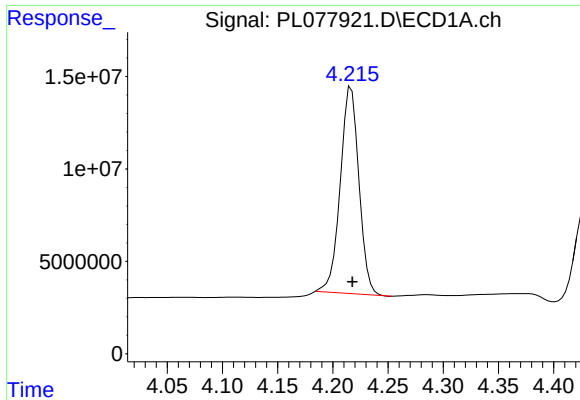
#2 alpha-BHC

R.T.: 3.881 min  
Delta R.T.: -0.001 min  
Response: 143447653  
Conc: 60.45 ng/ml



#2 alpha-BHC

R.T.: 3.116 min  
Delta R.T.: -0.003 min  
Response: 239993191  
Conc: 52.92 ng/ml



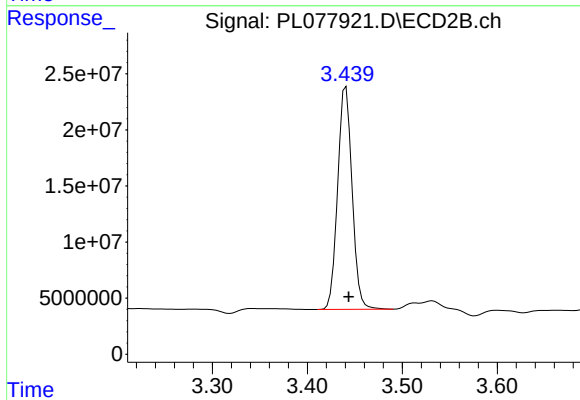
#3 gamma-BHC (Lindane)

R.T.: 4.217 min  
Delta R.T.: -0.001 min  
Response: 131805458  
Conc: 59.58 ng/ml

Instrument :  
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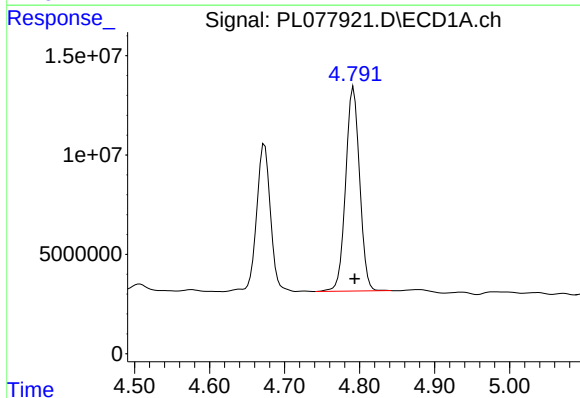
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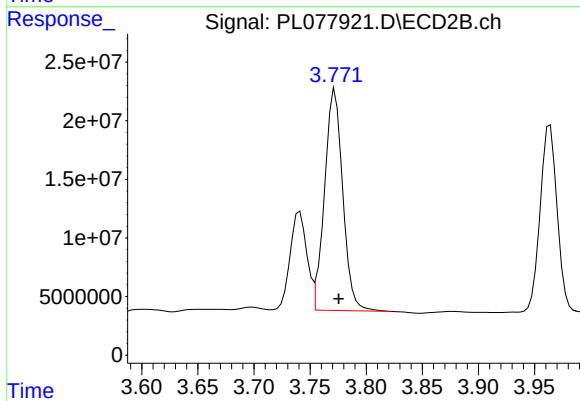
#3 gamma-BHC (Lindane)

R.T.: 3.441 min  
Delta R.T.: -0.003 min  
Response: 210055029  
Conc: 52.02 ng/ml



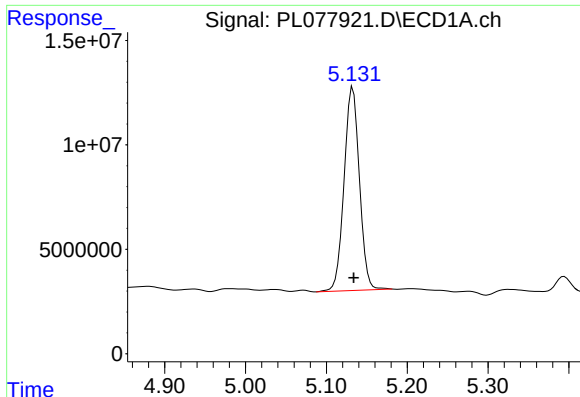
#4 Heptachlor

R.T.: 4.792 min  
Delta R.T.: -0.002 min  
Response: 132858214  
Conc: 60.01 ng/ml



#4 Heptachlor

R.T.: 3.772 min  
Delta R.T.: -0.003 min  
Response: 212922201  
Conc: 53.76 ng/ml



#5 Aldrin

R.T.: 5.133 min  
Delta R.T.: -0.001 min  
Response: 128196395  
Conc: 64.50 ng/ml

Instrument :

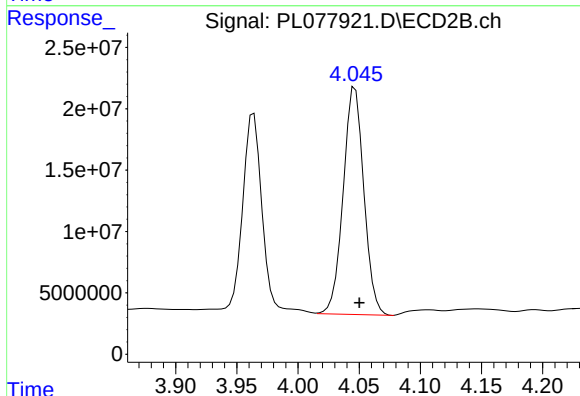
ECD\_L

ClientSampleId :

TP3-0923MS

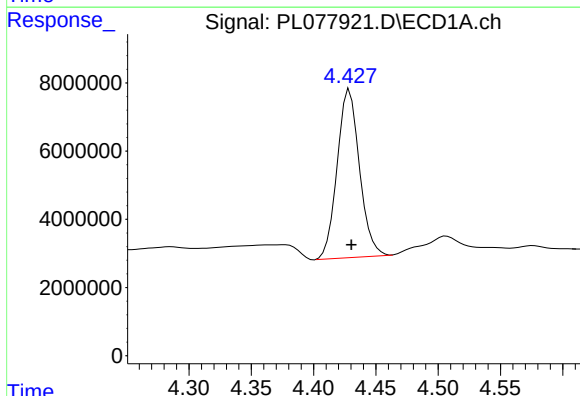
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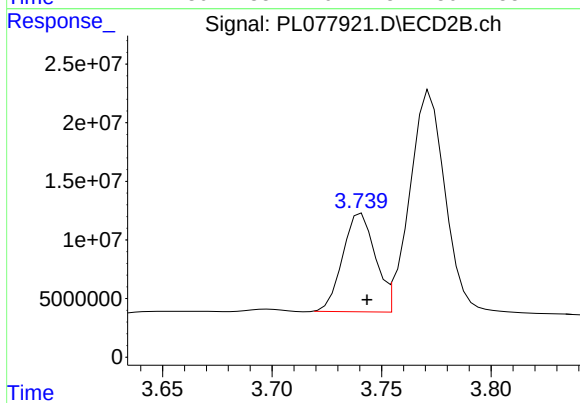
#5 Aldrin

R.T.: 4.047 min  
Delta R.T.: -0.004 min  
Response: 217804957  
Conc: 57.39 ng/ml



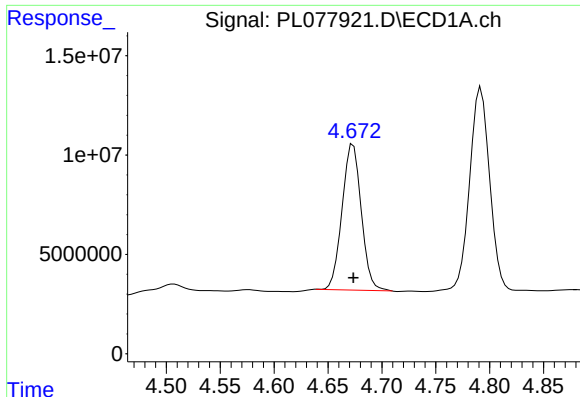
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: -0.001 min  
Response: 61625114  
Conc: 63.41 ng/ml



#6 beta-BHC

R.T.: 3.741 min  
Delta R.T.: -0.002 min  
Response: 86591880  
Conc: 52.01 ng/ml



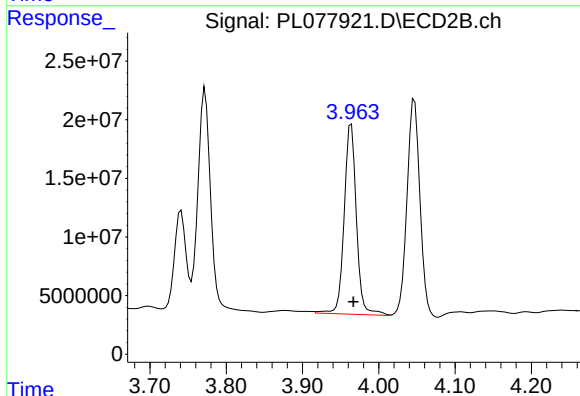
#7 delta-BHC

R.T.: 4.673 min  
Delta R.T.: 0.000 min  
Response: 91077304  
Conc: 44.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP3-0923MS

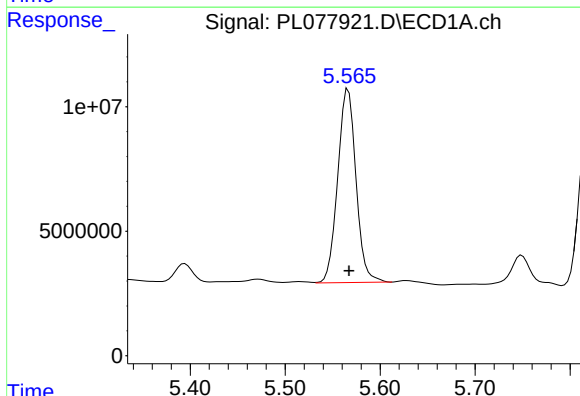
Manual Integrations  
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Supervised By :Ankita Jodhani 09/27/2022



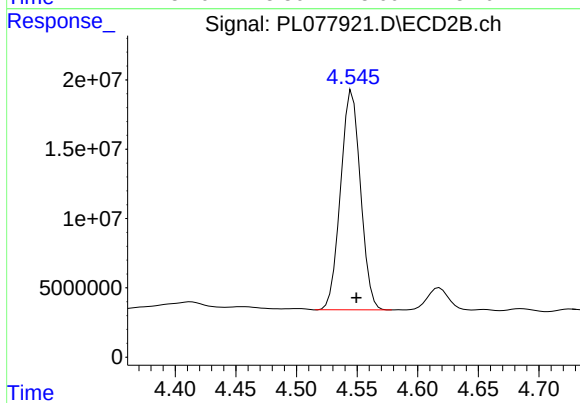
#7 delta-BHC

R.T.: 3.964 min  
Delta R.T.: -0.003 min  
Response: 181571683  
Conc: 44.75 ng/ml



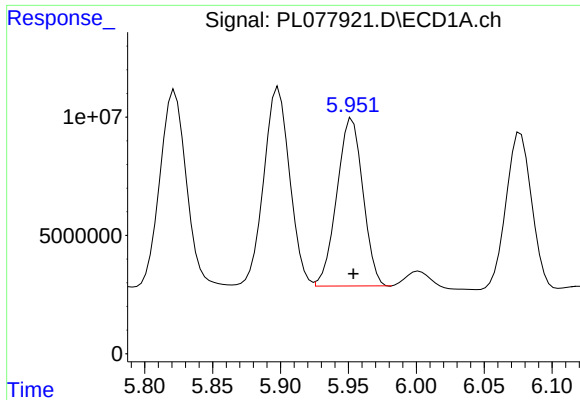
#8 Heptachlor epoxide

R.T.: 5.566 min  
Delta R.T.: 0.000 min  
Response: 104483426  
Conc: 59.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.546 min  
Delta R.T.: -0.003 min  
Response: 181001803  
Conc: 53.53 ng/ml



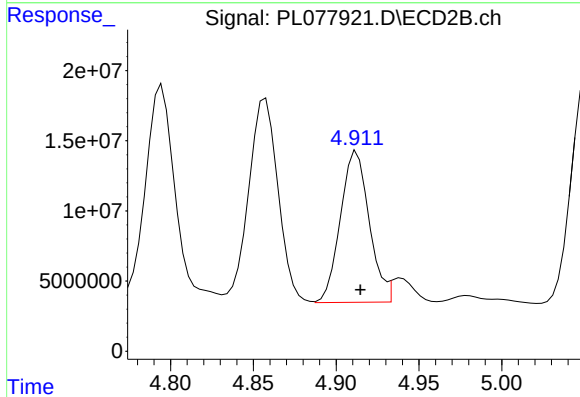
#9 Endosulfan I

R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 94813220  
Conc: 58.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP3-0923MS

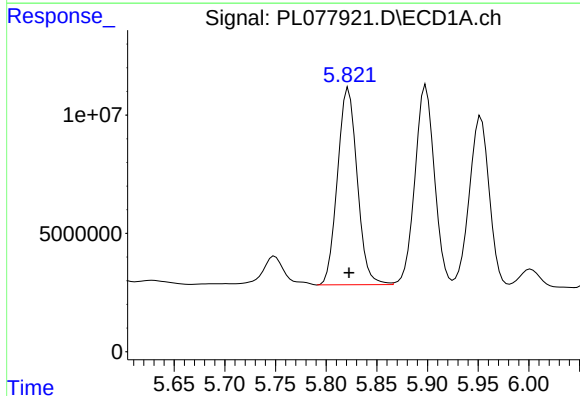
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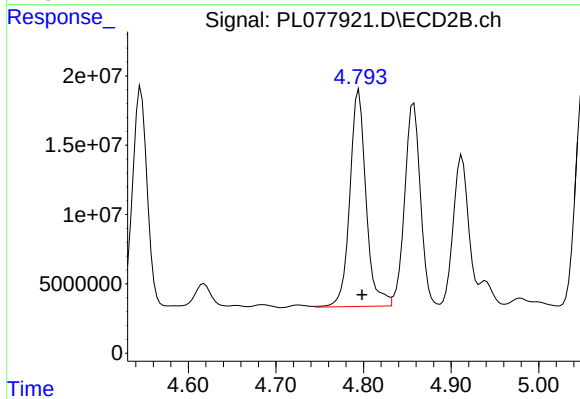
#9 Endosulfan I

R.T.: 4.912 min  
Delta R.T.: -0.002 min  
Response: 130510654  
Conc: 41.36 ng/ml



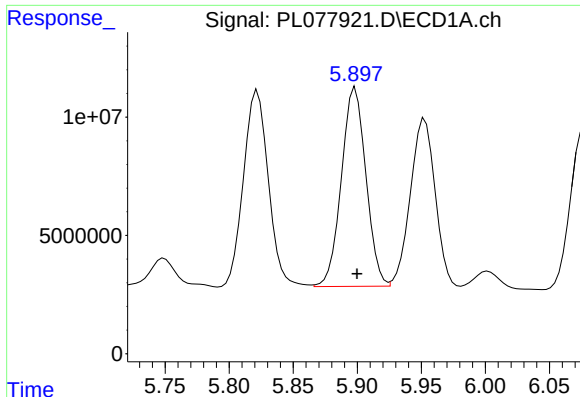
#10 gamma-Chlordane

R.T.: 5.822 min  
Delta R.T.: 0.000 min  
Response: 112590559  
Conc: 64.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.795 min  
Delta R.T.: -0.004 min  
Response: 201225722  
Conc: 59.04 ng/ml



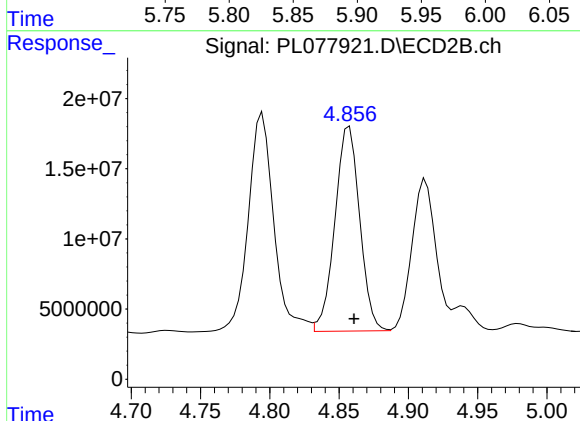
#11 alpha-Chlordane

R.T.: 5.899 min  
Delta R.T.: -0.001 min  
Response: 112036188  
Conc: 64.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP3-0923MS

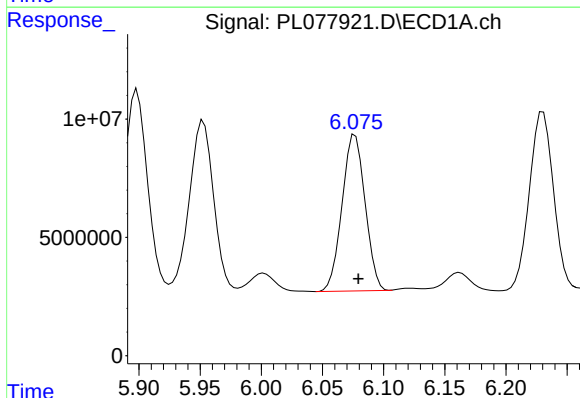
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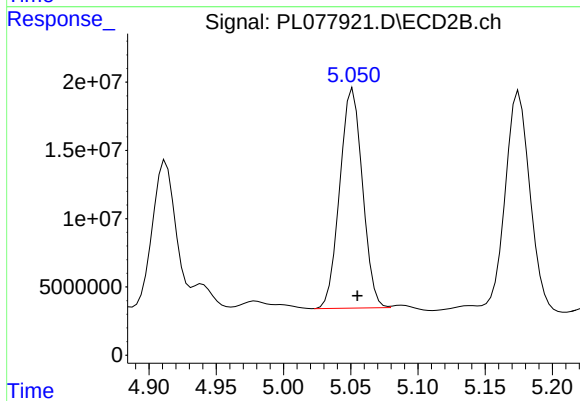
#11 alpha-Chlordane

R.T.: 4.857 min  
Delta R.T.: -0.003 min  
Response: 181574884  
Conc: 54.83 ng/ml



#12 4,4'-DDE

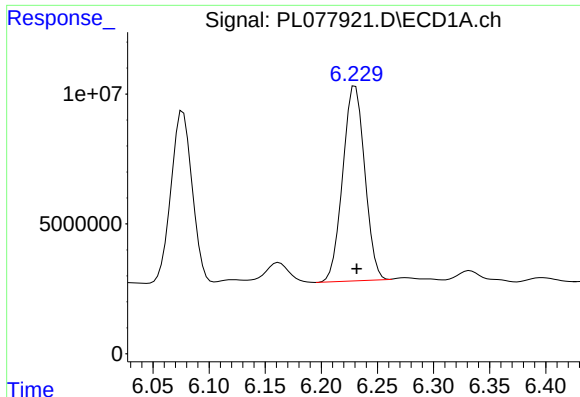
R.T.: 6.077 min  
Delta R.T.: -0.003 min  
Response: 86433994  
Conc: 54.30 ng/ml



#12 4,4'-DDE

R.T.: 5.052 min  
Delta R.T.: -0.003 min  
Response: 188524302  
Conc: 57.94 ng/ml





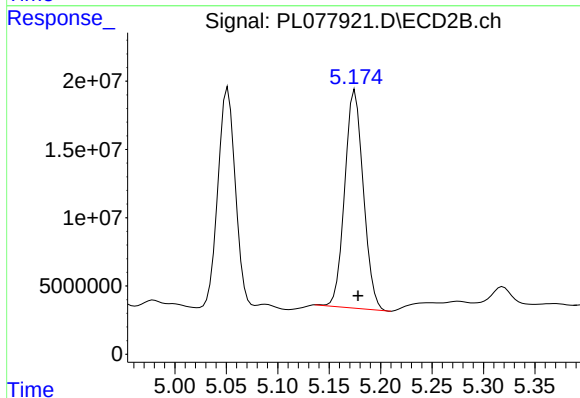
#13 Dieldrin

R.T.: 6.230 min  
Delta R.T.: -0.001 min  
Response: 102272852  
Conc: 63.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP3-0923MS

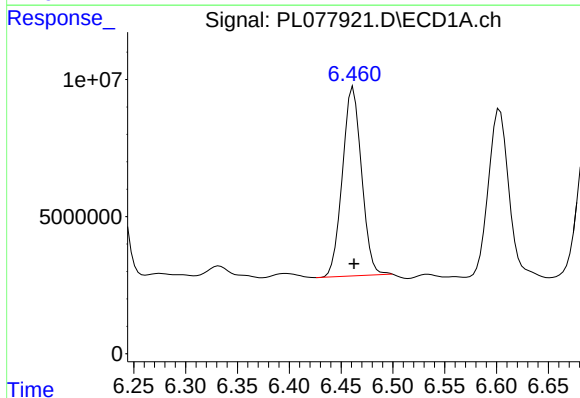
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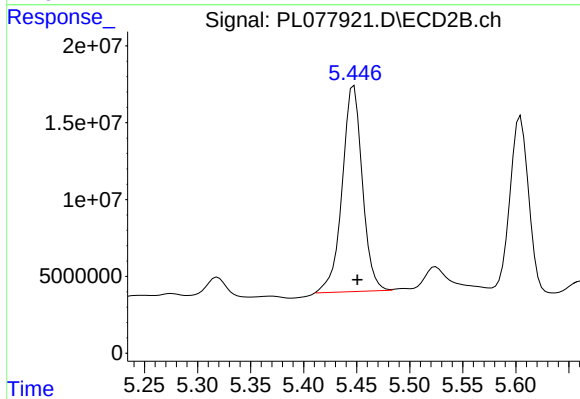
#13 Dieldrin

R.T.: 5.175 min  
Delta R.T.: -0.003 min  
Response: 200834356  
Conc: 60.57 ng/ml



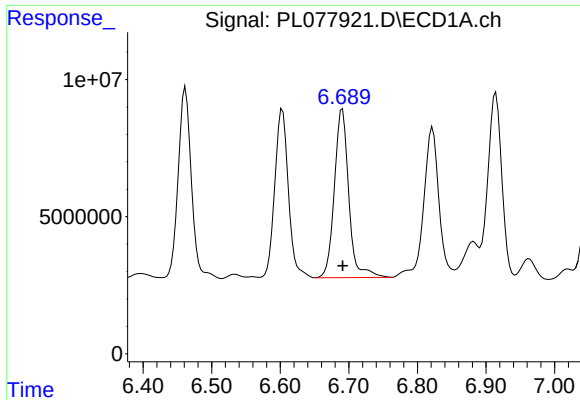
#14 Endrin

R.T.: 6.462 min  
Delta R.T.: 0.000 min  
Response: 88527551  
Conc: 64.01 ng/ml



#14 Endrin

R.T.: 5.447 min  
Delta R.T.: -0.003 min  
Response: 176509282  
Conc: 61.90 ng/ml



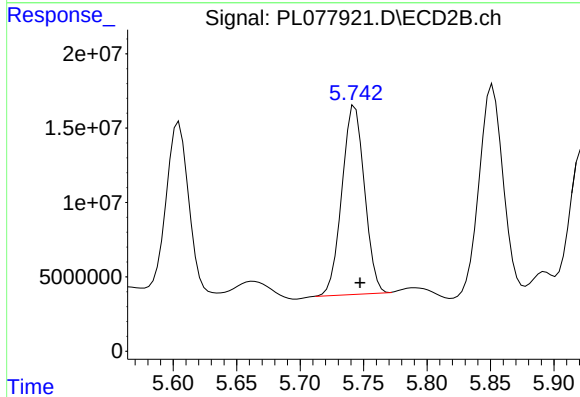
#15 Endosulfan II

R.T.: 6.691 min  
Delta R.T.: 0.000 min  
Response: 89815557  
Conc: 65.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP3-0923MS

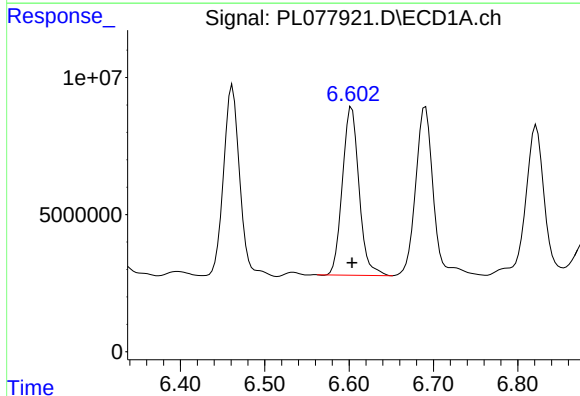
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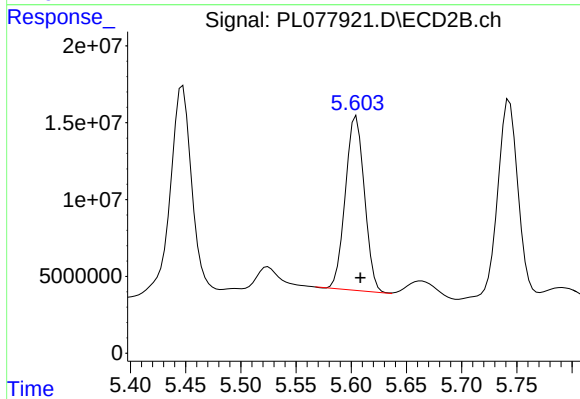
#15 Endosulfan II

R.T.: 5.743 min  
Delta R.T.: -0.004 min  
Response: 156868027  
Conc: 59.53 ng/ml



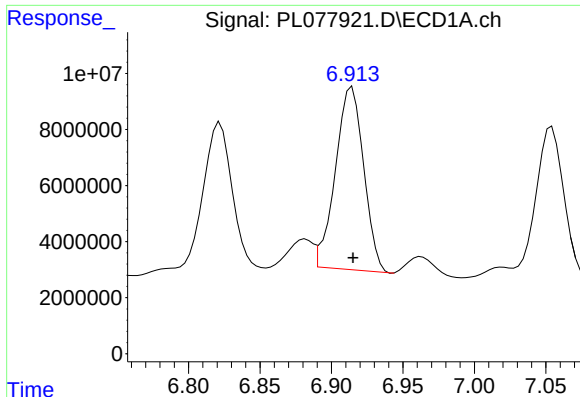
#16 4,4'-DDD

R.T.: 6.603 min  
Delta R.T.: 0.000 min  
Response: 84184329  
Conc: 71.90 ng/ml



#16 4,4'-DDD

R.T.: 5.605 min  
Delta R.T.: -0.004 min  
Response: 136388803  
Conc: 52.65 ng/ml



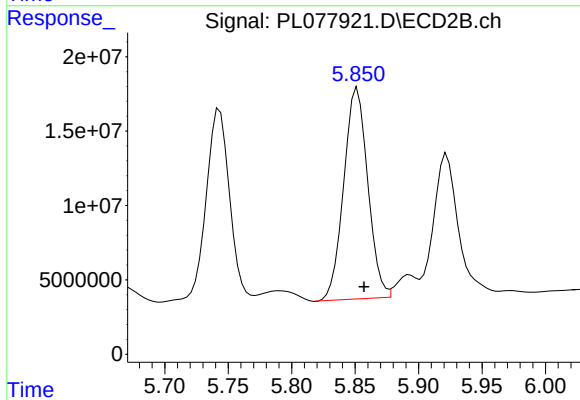
#17 4,4'-DDT

R.T.: 6.914 min  
Delta R.T.: 0.000 min  
Response: 90032222  
Conc: 71.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP3-0923MS

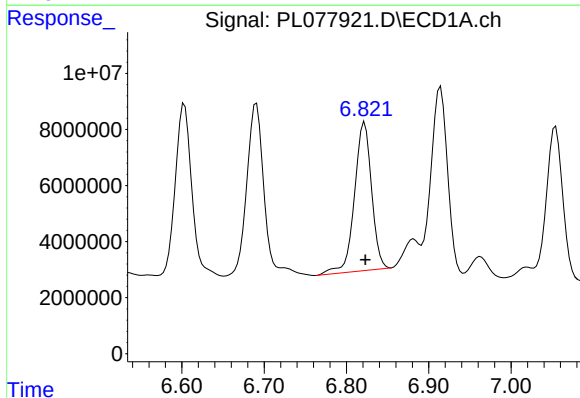
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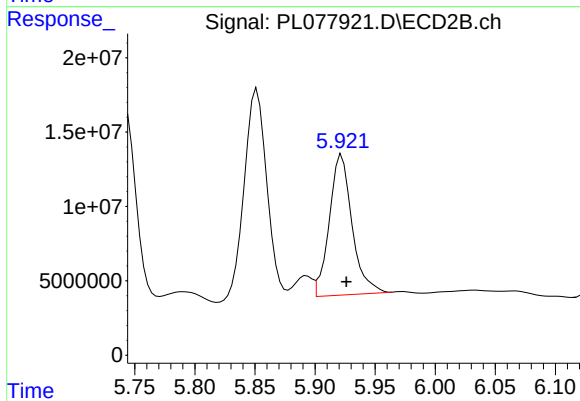
#17 4,4'-DDT

R.T.: 5.852 min  
Delta R.T.: -0.005 min  
Response: 186852987  
Conc: 70.92 ng/ml



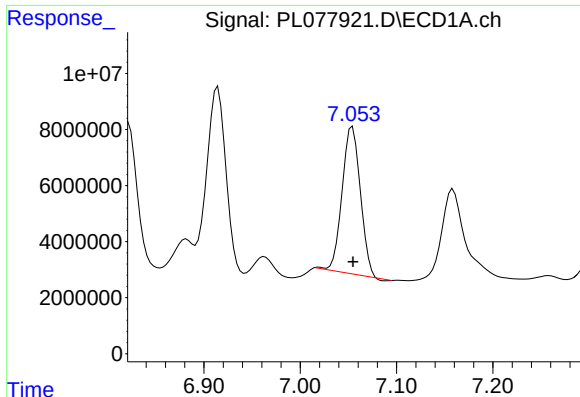
#18 Endrin aldehyde

R.T.: 6.822 min  
Delta R.T.: -0.001 min  
Response: 76462883  
Conc: 72.31 ng/ml



#18 Endrin aldehyde

R.T.: 5.922 min  
Delta R.T.: -0.004 min  
Response: 124874297  
Conc: 60.51 ng/ml



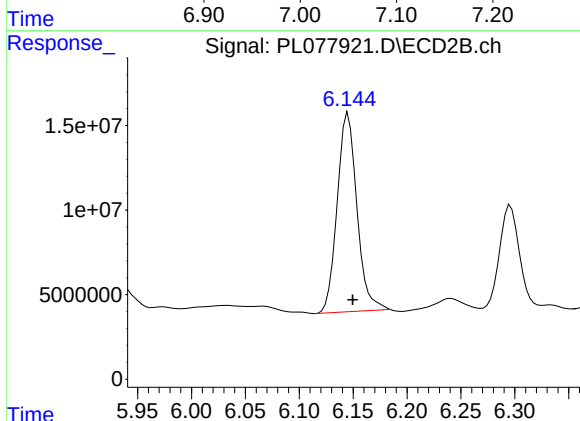
#19 Endosulfan Sulfate

R.T.: 7.054 min  
Delta R.T.: 0.000 min  
Response: 68109184  
Conc: 53.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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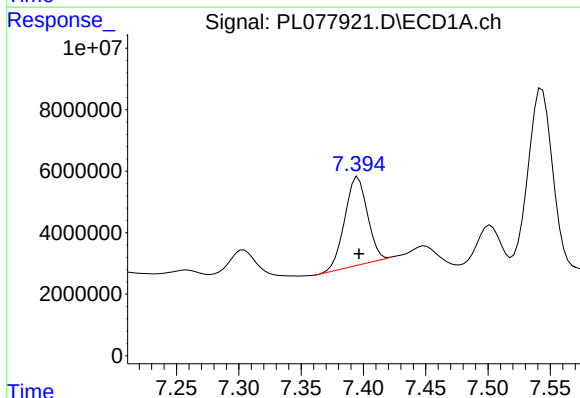
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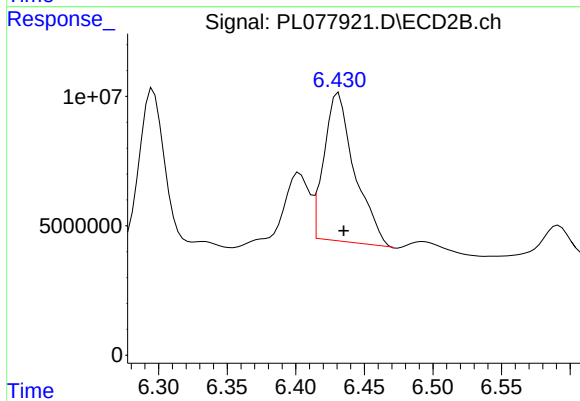
#19 Endosulfan Sulfate

R.T.: 6.145 min  
Delta R.T.: -0.004 min  
Response: 149691618  
Conc: 55.66 ng/ml



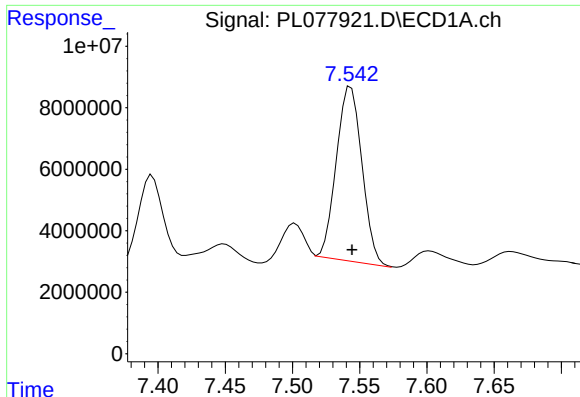
#20 Methoxychlor

R.T.: 7.396 min  
Delta R.T.: 0.000 min  
Response: 36230170  
Conc: 54.86 ng/ml



#20 Methoxychlor

R.T.: 6.430 min  
Delta R.T.: -0.005 min  
Response: 86690178  
Conc: 63.30 ng/ml m



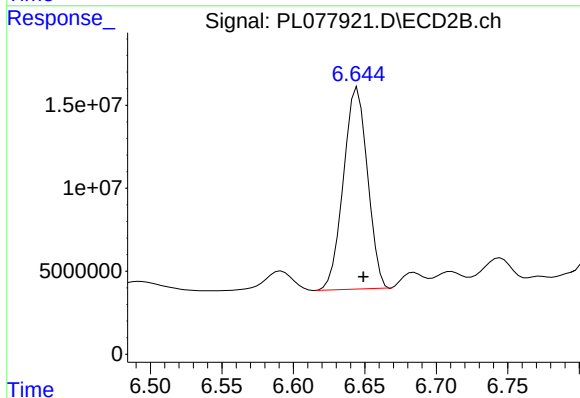
#21 Endrin ketone

R.T.: 7.542 min  
Delta R.T.: -0.002 min  
Response: 74967026  
Conc: 54.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP3-0923MS

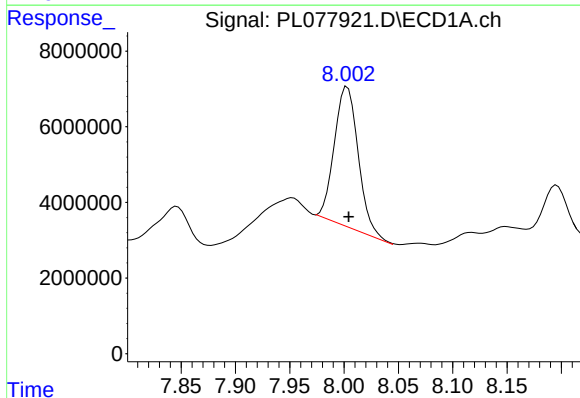
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/27/2022  
Supervised By :Ankita Jodhani 09/27/2022



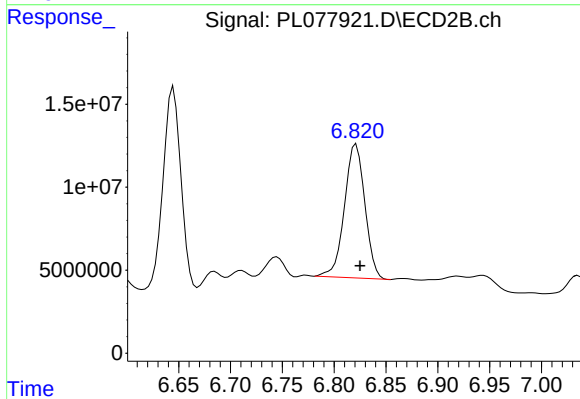
#21 Endrin ketone

R.T.: 6.645 min  
Delta R.T.: -0.004 min  
Response: 142264149  
Conc: 46.98 ng/ml



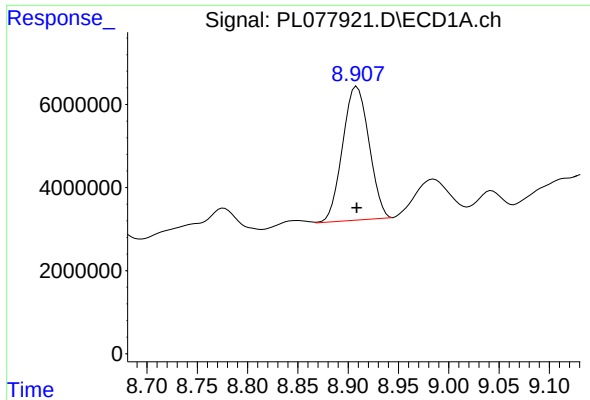
#22 Mirex

R.T.: 8.002 min  
Delta R.T.: -0.002 min  
Response: 56442882  
Conc: 53.76 ng/ml m



#22 Mirex

R.T.: 6.821 min  
Delta R.T.: -0.004 min  
Response: 110711039  
Conc: 51.50 ng/ml



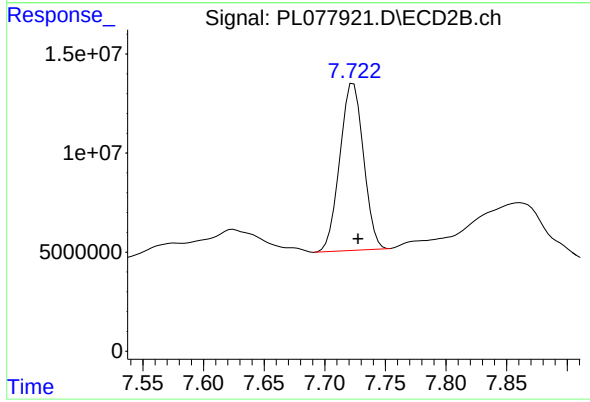
#28 Decachlorobiphenyl

R.T.: 8.907 min  
Delta R.T.: -0.001 min  
Response: 58612795  
Conc: 45.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP3-0923MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/27/2022  
Supervised By :Ankita Jodhani 09/27/2022



#28 Decachlorobiphenyl

R.T.: 7.724 min  
Delta R.T.: -0.004 min  
Response: 114374610  
Conc: 45.56 ng/ml