

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081124\  
 Data File : PL090956.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2024 06:55  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/12/2024  
 Supervised By :Ankita Jodhani 08/12/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 07:11:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 06 10:55:36 2024  
 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... | 3.545 | 2.786 | 106.0E6  | 96442026 | 54.747  | 55.785  |
| 28)                         | SA Decachlor... | 9.057 | 7.927 | 76750293 | 88504851 | 53.420  | 53.023  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.000 | 3.289 | 149.1E6  | 141.1E6  | 53.978  | 57.287  |
| 3)                          | MA gamma-BHC... | 4.332 | 3.620 | 141.0E6  | 132.7E6  | 53.623  | 56.679  |
| 4)                          | MA Heptachlor   | 4.921 | 3.959 | 131.5E6  | 129.6E6  | 53.154  | 55.914  |
| 5)                          | MB Aldrin       | 5.263 | 4.240 | 125.7E6  | 125.1E6  | 52.305  | 56.424  |
| 6)                          | B beta-BHC      | 4.529 | 3.918 | 67400738 | 57960663 | 53.540  | 54.493  |
| 7)                          | B delta-BHC     | 4.776 | 4.148 | 134.6E6  | 129.2E6  | 53.767  | 57.792  |
| 8)                          | B Heptachlo...  | 5.689 | 4.742 | 118.1E6  | 111.5E6  | 51.956  | 54.694  |
| 9)                          | A Endosulfan I  | 6.073 | 5.112 | 109.5E6  | 102.8E6  | 52.239  | 53.244  |
| 10)                         | B gamma-Chl...  | 5.943 | 4.993 | 116.3E6  | 116.4E6  | 51.472m | 54.518  |
| 11)                         | B alpha-Chl...  | 6.024 | 5.056 | 117.3E6  | 115.9E6  | 52.358  | 54.308  |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.245 | 104.6E6  | 104.2E6  | 52.759  | 55.558  |
| 13)                         | MA Dieldrin     | 6.349 | 5.377 | 114.7E6  | 112.6E6  | 52.285  | 54.533  |
| 14)                         | MA Endrin       | 6.576 | 5.651 | 99105030 | 100.2E6  | 54.113m | 54.852m |
| 15)                         | B Endosulfa...  | 6.796 | 5.945 | 102.2E6  | 98495792 | 50.945  | 54.229  |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.799 | 87050056 | 85200742 | 52.804  | 54.907  |
| 17)                         | MA 4,4'-DDT     | 7.026 | 6.049 | 92671579 | 89758328 | 51.981  | 54.128m |
| 18)                         | B Endrin al...  | 6.927 | 6.125 | 79098300 | 75515295 | 52.521  | 53.337  |
| 19)                         | B Endosulfa...  | 7.160 | 6.347 | 93701830 | 94406792 | 52.242  | 54.080  |
| 20)                         | A Methoxychlor  | 7.502 | 6.625 | 49687505 | 49346448 | 52.070  | 53.461  |
| 21)                         | B Endrin ke...  | 7.645 | 6.853 | 104.4E6  | 107.8E6  | 52.709  | 54.416  |
| 22)                         | Mirex           | 8.120 | 7.035 | 81413113 | 88557791 | 52.373  | 52.735  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081124\  
Data File : PL090956.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2024 06:55  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

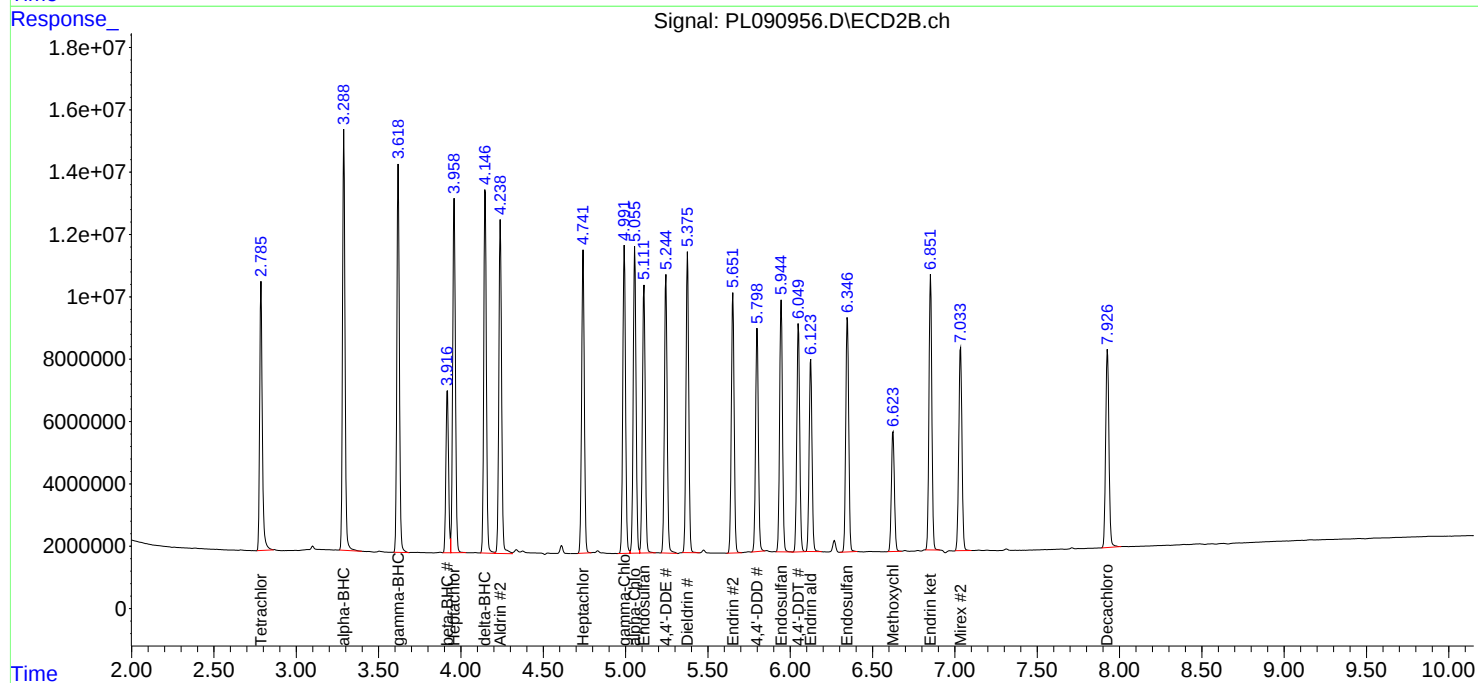
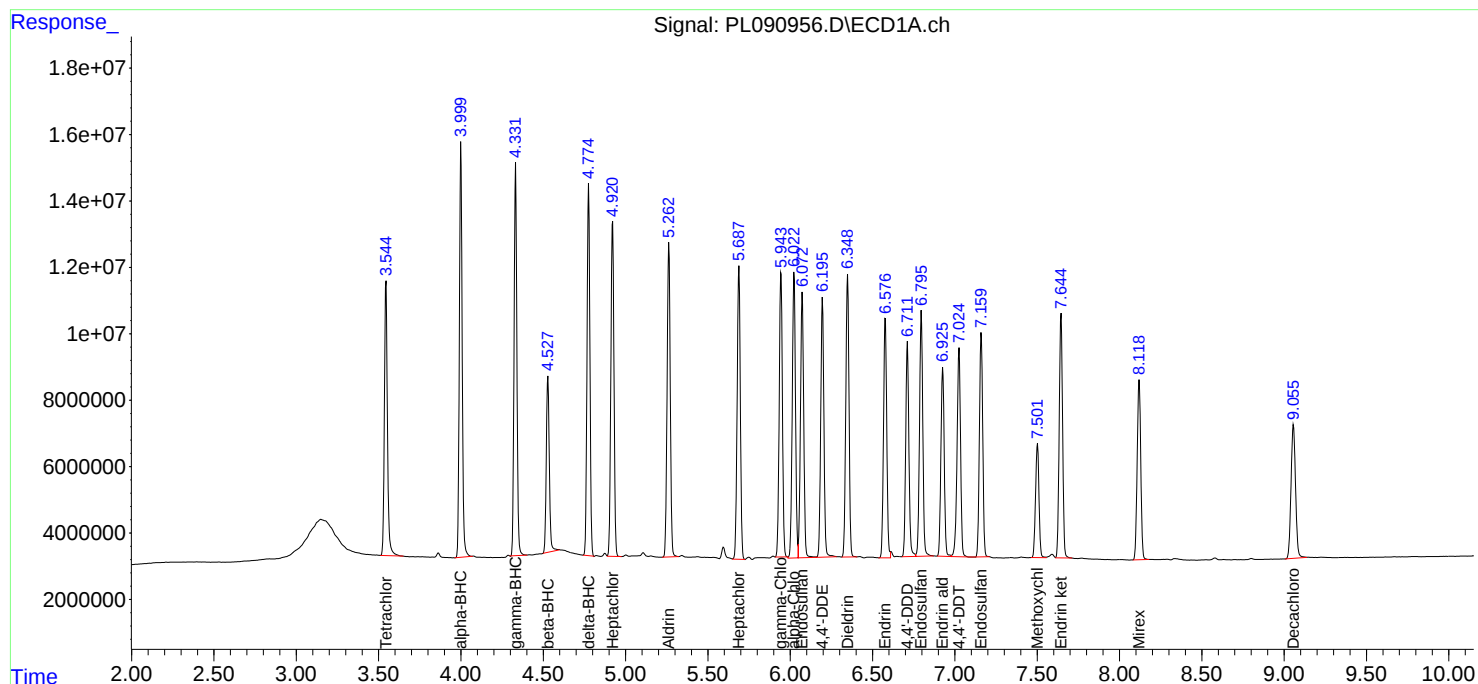
## APPROVED

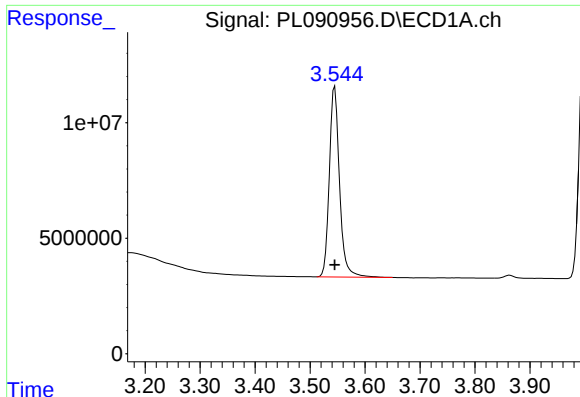
Reviewed By :Abdul Mirza 08/12/2024

Supervised By :Ankita Jodhani 08/12/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 07:11:33 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 06 10:55:36 2024  
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





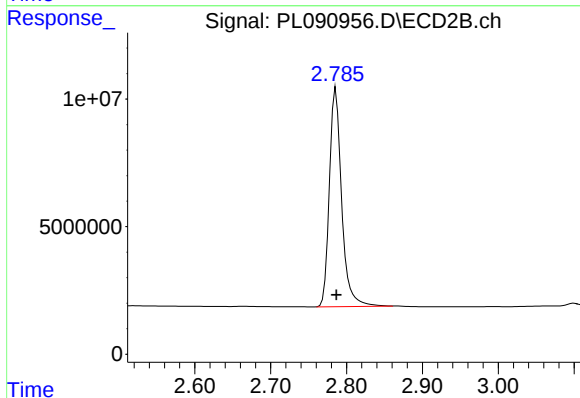
#1 Tetrachloro-m-xylene

R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 106003503  
Conc: 54.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

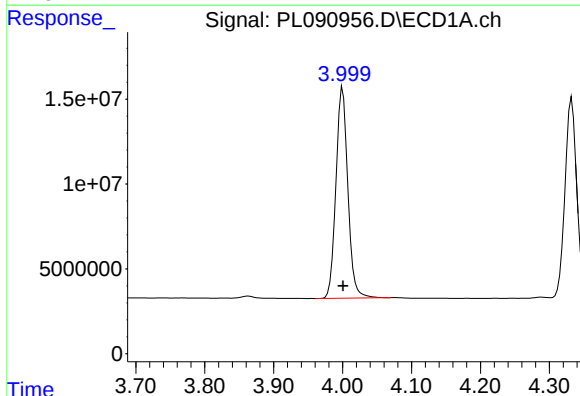
Manual Integrations  
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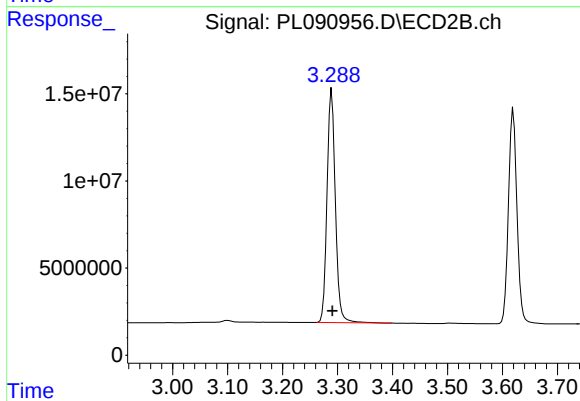
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: 0.000 min  
Response: 96442026  
Conc: 55.79 ng/ml



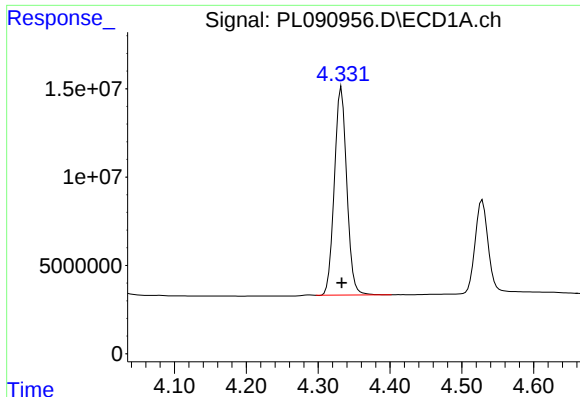
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: 0.000 min  
Response: 149096379  
Conc: 53.98 ng/ml



#2 alpha-BHC

R.T.: 3.289 min  
Delta R.T.: -0.001 min  
Response: 141122330  
Conc: 57.29 ng/ml



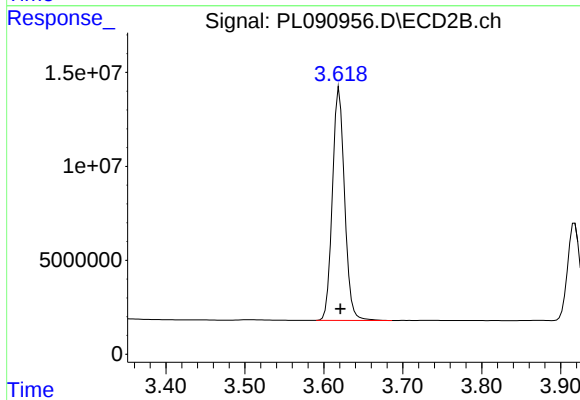
#3 gamma-BHC (Lindane)

R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: 141034265  
Conc: 53.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

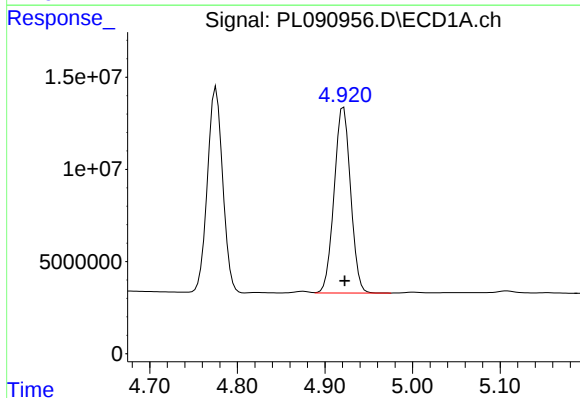
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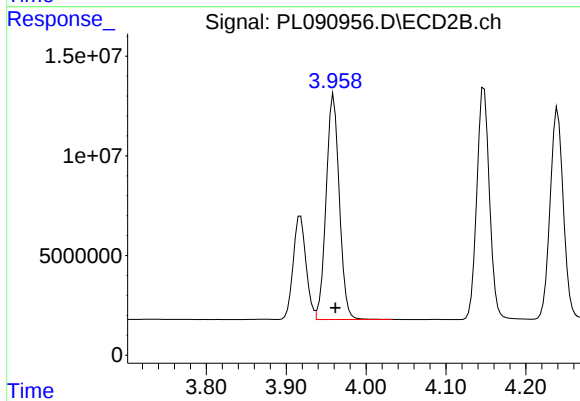
#3 gamma-BHC (Lindane)

R.T.: 3.620 min  
Delta R.T.: -0.001 min  
Response: 132697836  
Conc: 56.68 ng/ml



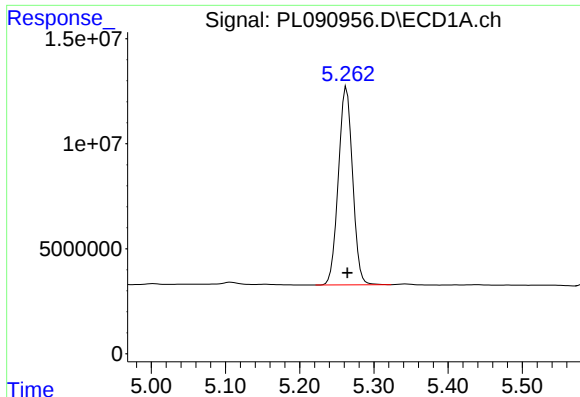
#4 Heptachlor

R.T.: 4.921 min  
Delta R.T.: -0.001 min  
Response: 131453545  
Conc: 53.15 ng/ml



#4 Heptachlor

R.T.: 3.959 min  
Delta R.T.: -0.002 min  
Response: 129639480  
Conc: 55.91 ng/ml



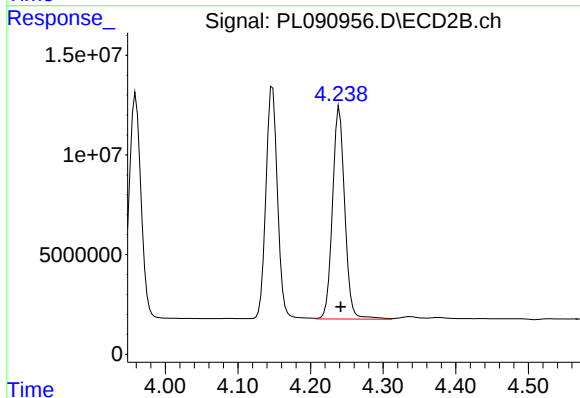
#5 Aldrin

R.T.: 5.263 min  
Delta R.T.: -0.001 min  
Response: 125731094  
Conc: 52.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

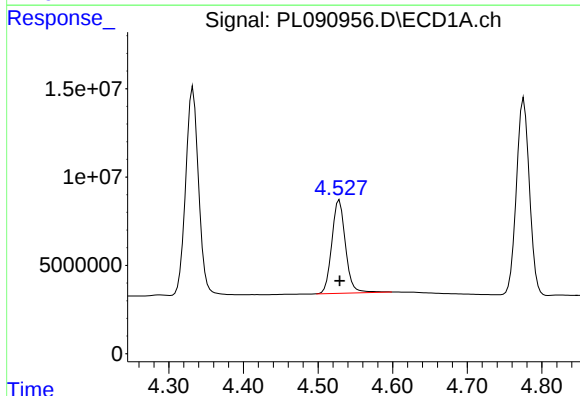
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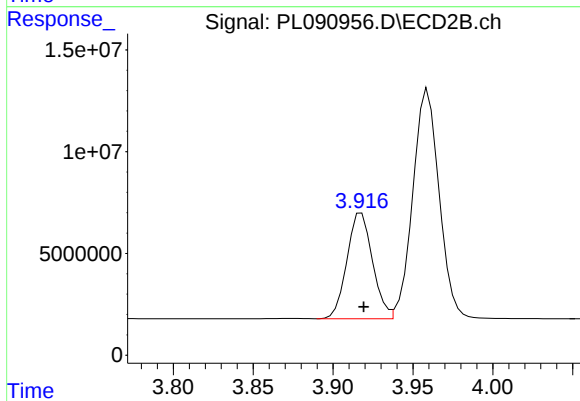
#5 Aldrin

R.T.: 4.240 min  
Delta R.T.: -0.002 min  
Response: 125097072  
Conc: 56.42 ng/ml



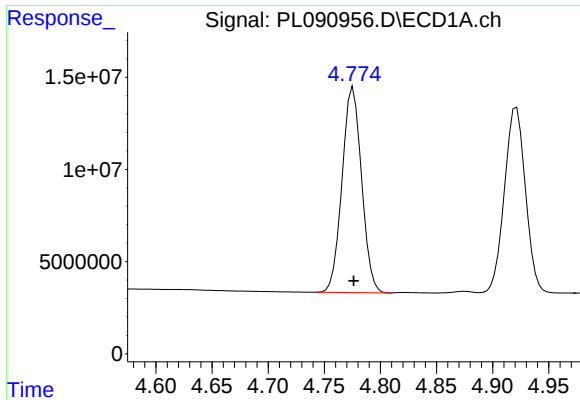
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 67400738  
Conc: 53.54 ng/ml



#6 beta-BHC

R.T.: 3.918 min  
Delta R.T.: -0.001 min  
Response: 57960663  
Conc: 54.49 ng/ml



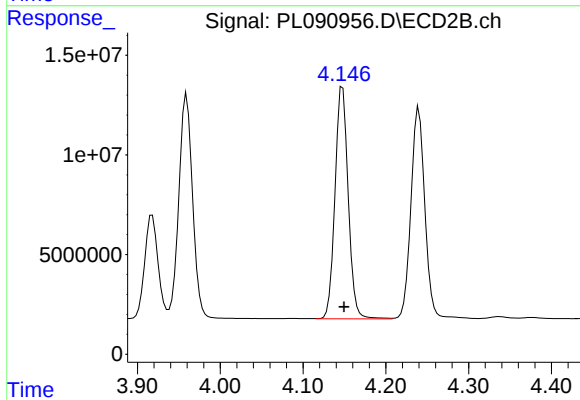
#7 delta-BHC

R.T.: 4.776 min  
Delta R.T.: 0.000 min  
Response: 134603822  
Conc: 53.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

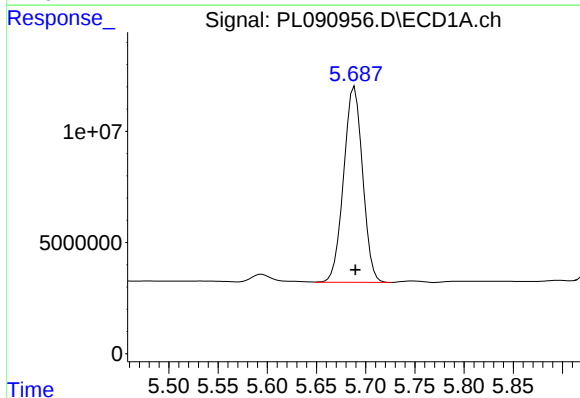
Manual Integrations  
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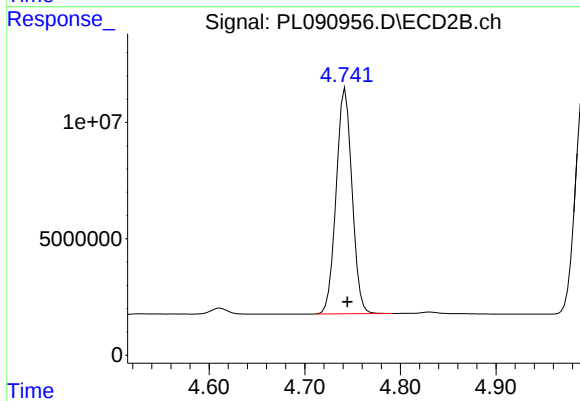
#7 delta-BHC

R.T.: 4.148 min  
Delta R.T.: -0.002 min  
Response: 129153622  
Conc: 57.79 ng/ml



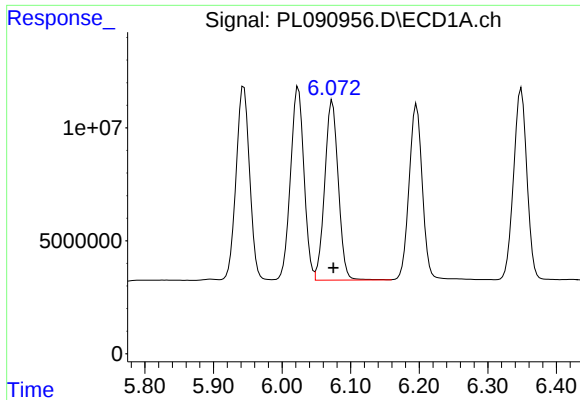
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 118066565  
Conc: 51.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.742 min  
Delta R.T.: -0.002 min  
Response: 111483993  
Conc: 54.69 ng/ml



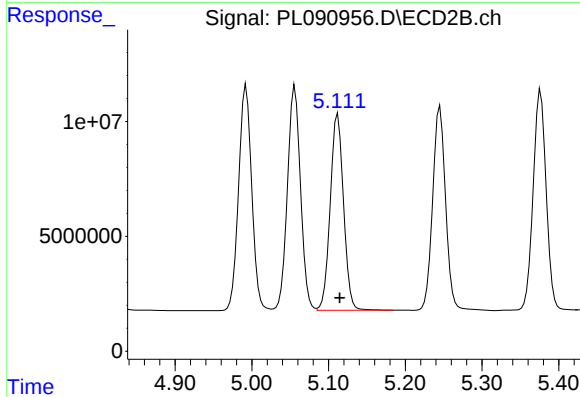
#9 Endosulfan I

R.T.: 6.073 min  
Delta R.T.: -0.002 min  
Response: 109503736  
Conc: 52.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

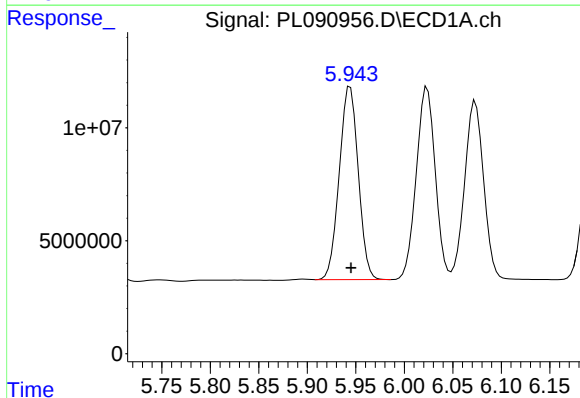
Manual Integrations  
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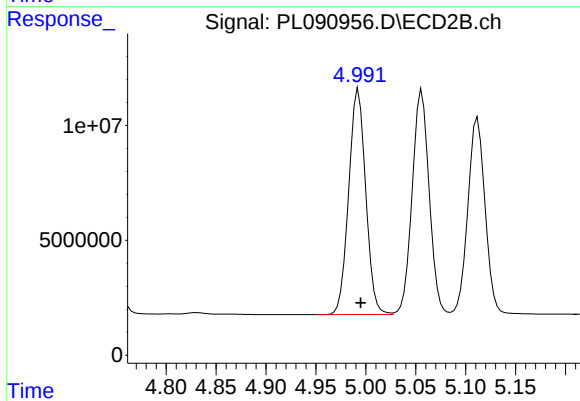
#9 Endosulfan I

R.T.: 5.112 min  
Delta R.T.: -0.002 min  
Response: 102818556  
Conc: 53.24 ng/ml



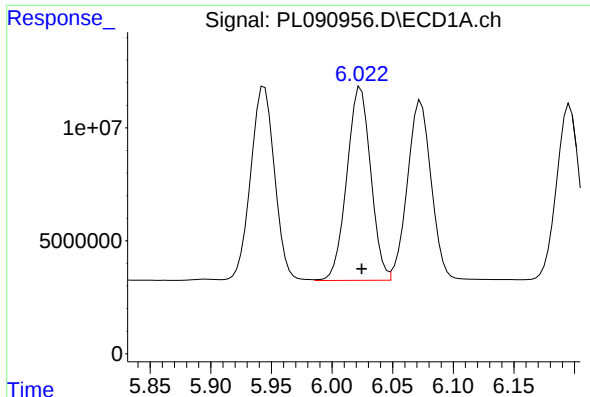
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: -0.002 min  
Response: 116303485  
Conc: 51.47 ng/ml m



#10 gamma-Chlordane

R.T.: 4.993 min  
Delta R.T.: -0.002 min  
Response: 116430271  
Conc: 54.52 ng/ml



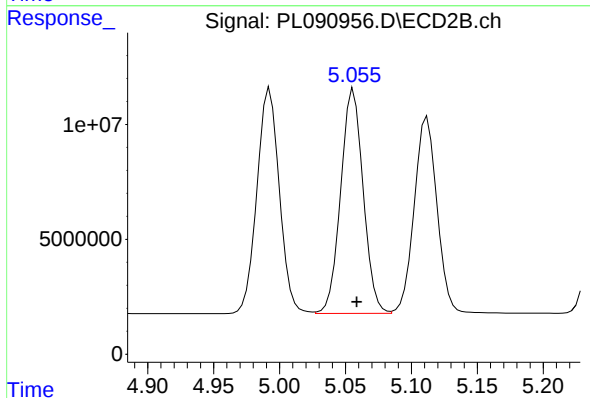
#11 alpha-Chlordane

R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 117259417  
Conc: 52.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

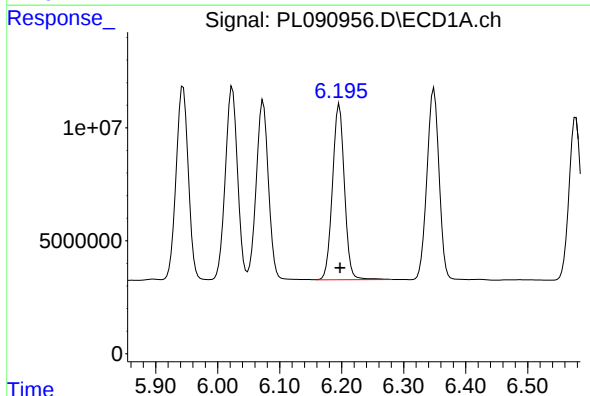
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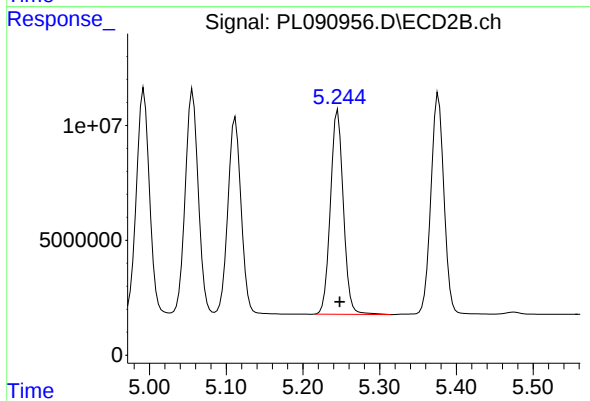
#11 alpha-Chlordane

R.T.: 5.056 min  
Delta R.T.: -0.002 min  
Response: 115870683  
Conc: 54.31 ng/ml



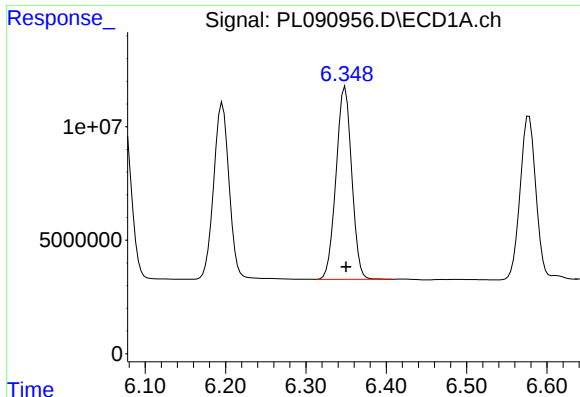
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: -0.001 min  
Response: 104588225  
Conc: 52.76 ng/ml



#12 4,4'-DDE

R.T.: 5.245 min  
Delta R.T.: -0.003 min  
Response: 104221501  
Conc: 55.56 ng/ml



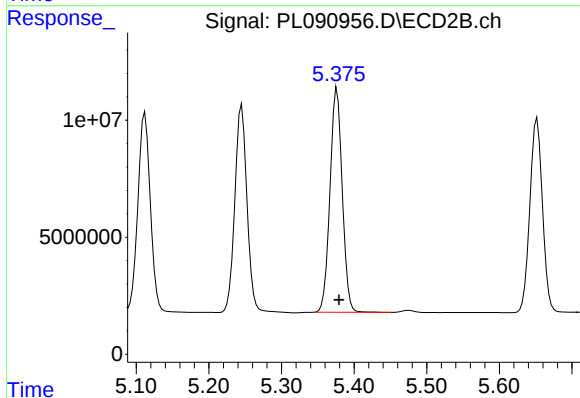
#13 Dieldrin

R.T.: 6.349 min  
Delta R.T.: -0.001 min  
Response: 114677273  
Conc: 52.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

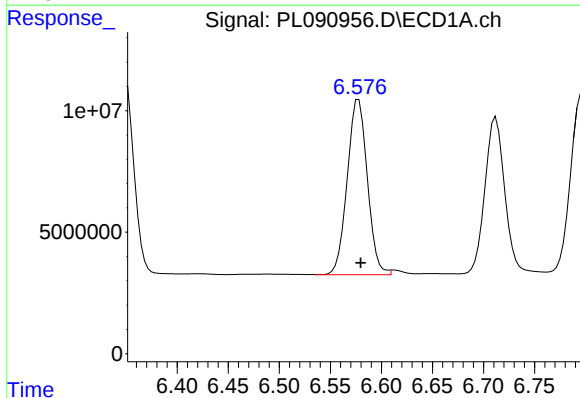
Manual Integrations  
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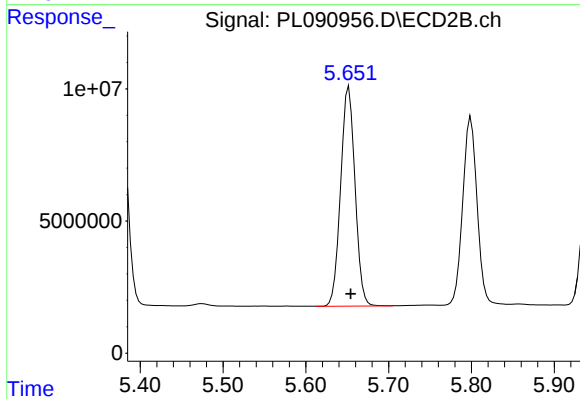
#13 Dieldrin

R.T.: 5.377 min  
Delta R.T.: -0.003 min  
Response: 112596729  
Conc: 54.53 ng/ml



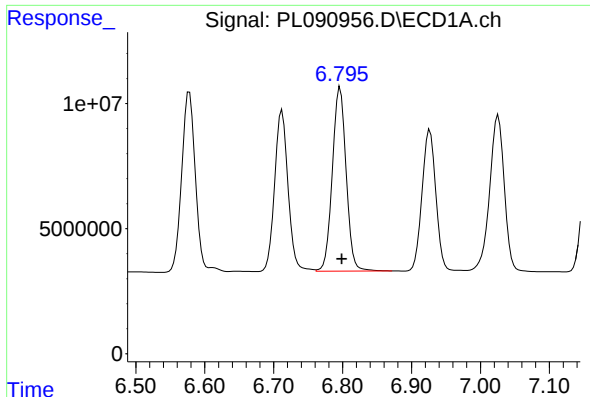
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: -0.003 min  
Response: 99105030  
Conc: 54.11 ng/ml m



#14 Endrin

R.T.: 5.651 min  
Delta R.T.: -0.004 min  
Response: 100225554  
Conc: 54.85 ng/ml m



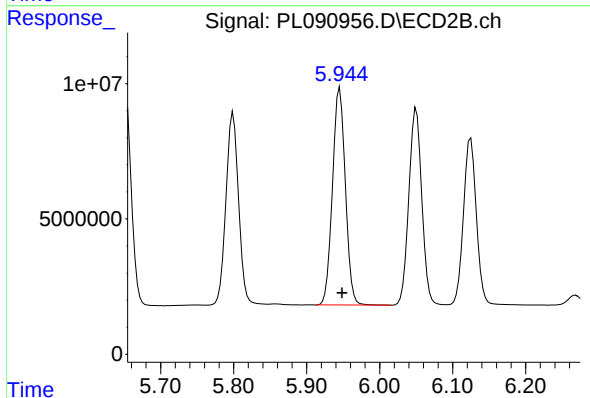
#15 Endosulfan II

R.T.: 6.796 min  
Delta R.T.: -0.002 min  
Response: 102161019  
Conc: 50.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

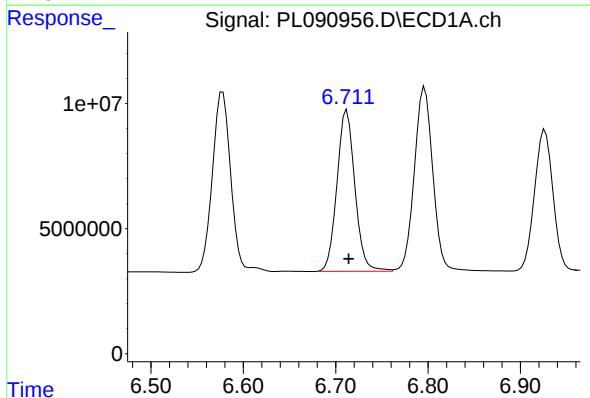
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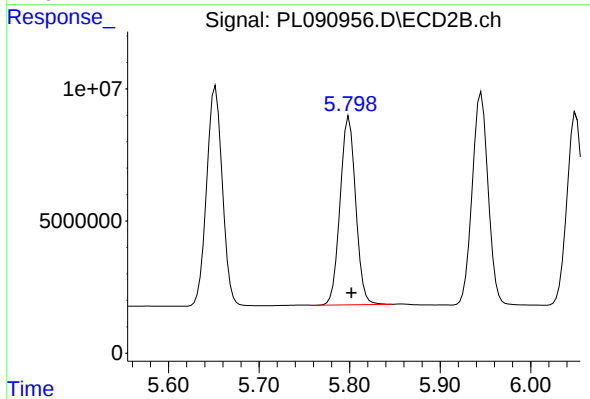
#15 Endosulfan II

R.T.: 5.945 min  
Delta R.T.: -0.003 min  
Response: 98495792  
Conc: 54.23 ng/ml



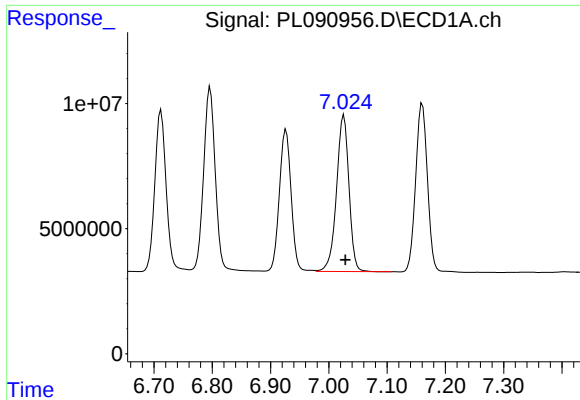
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: -0.002 min  
Response: 87050056  
Conc: 52.80 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min  
Delta R.T.: -0.003 min  
Response: 85200742  
Conc: 54.91 ng/ml



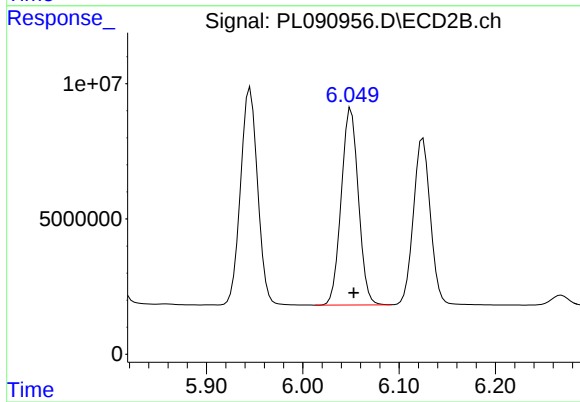
#17 4,4'-DDT

R.T.: 7.026 min  
Delta R.T.: -0.003 min  
Response: 92671579  
Conc: 51.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

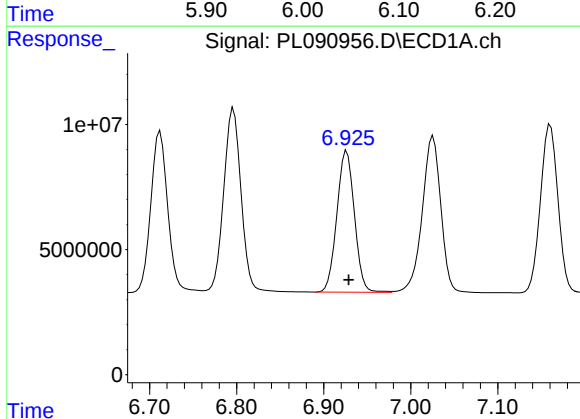
Manual Integrations  
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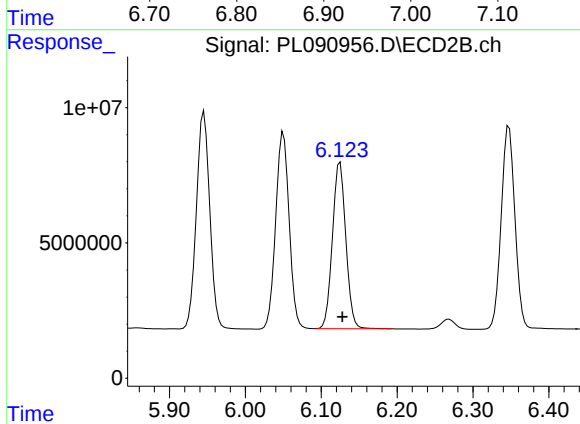
#17 4,4'-DDT

R.T.: 6.049 min  
Delta R.T.: -0.004 min  
Response: 89758328  
Conc: 54.13 ng/ml m



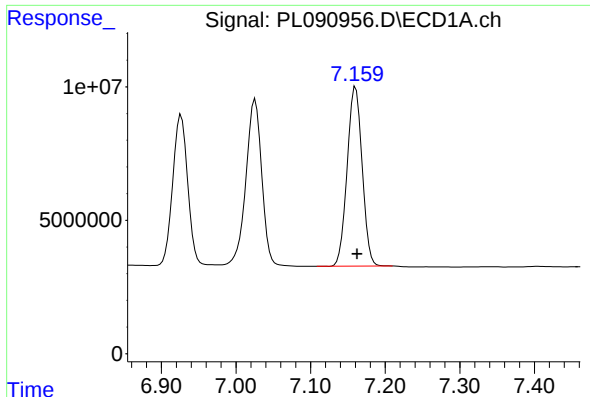
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: -0.002 min  
Response: 79098300  
Conc: 52.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min  
Delta R.T.: -0.003 min  
Response: 75515295  
Conc: 53.34 ng/ml



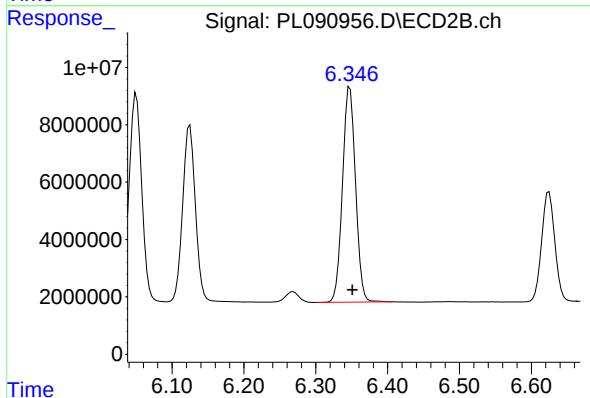
#19 Endosulfan Sulfate

R.T.: 7.160 min  
Delta R.T.: -0.002 min  
Response: 93701830  
Conc: 52.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

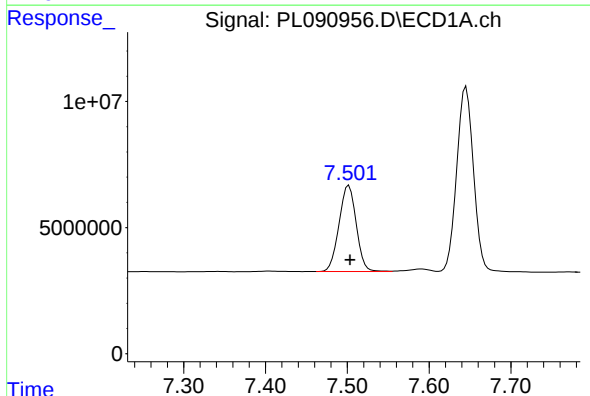
Manual Integrations  
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Reviewed By :Abdul Mirza 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024



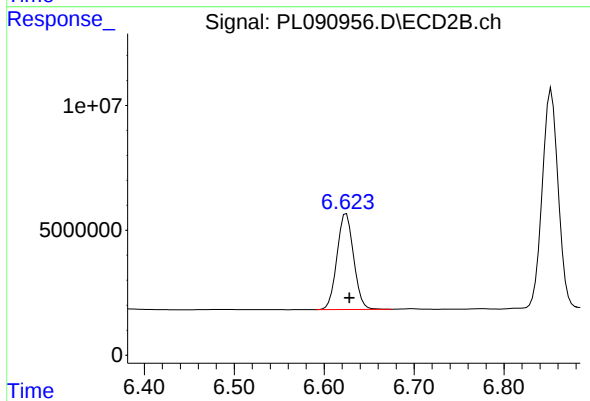
#19 Endosulfan Sulfate

R.T.: 6.347 min  
Delta R.T.: -0.003 min  
Response: 94406792  
Conc: 54.08 ng/ml



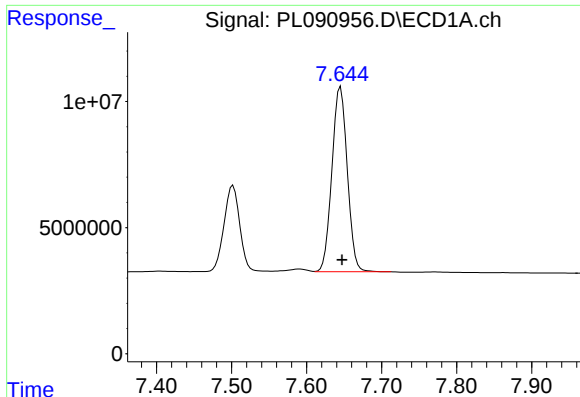
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.002 min  
Response: 49687505  
Conc: 52.07 ng/ml



#20 Methoxychlor

R.T.: 6.625 min  
Delta R.T.: -0.004 min  
Response: 49346448  
Conc: 53.46 ng/ml



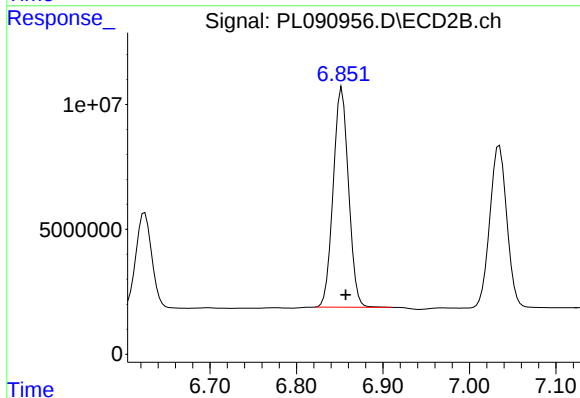
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: -0.002 min  
Response: 104437488  
Conc: 52.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

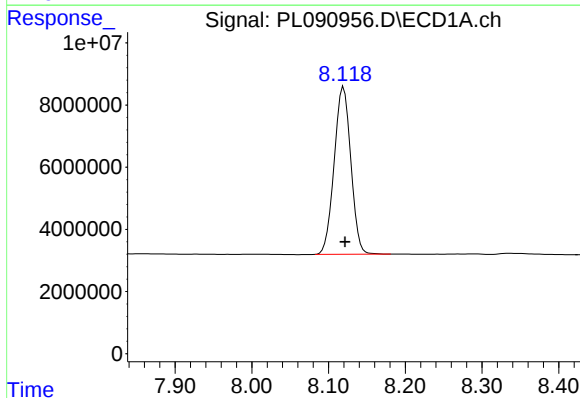
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/12/2024  
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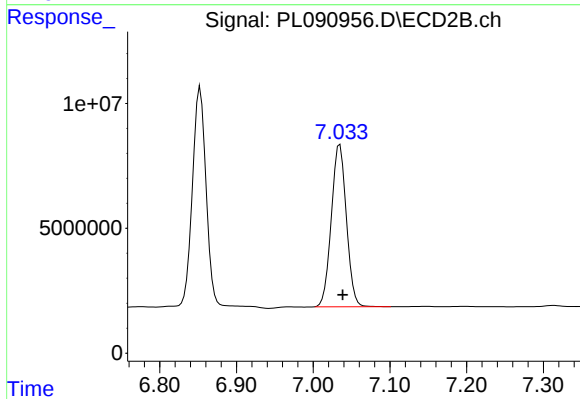
#21 Endrin ketone

R.T.: 6.853 min  
Delta R.T.: -0.004 min  
Response: 107847986  
Conc: 54.42 ng/ml



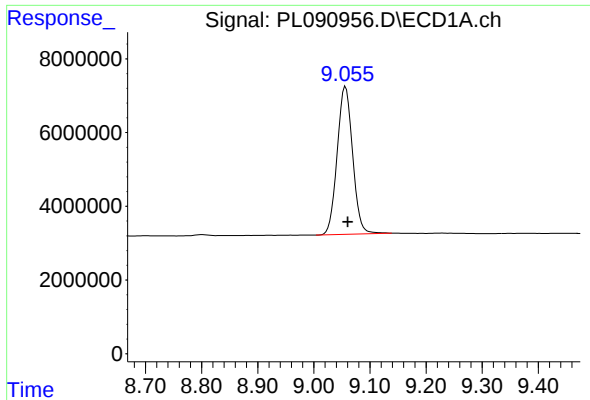
#22 Mirex

R.T.: 8.120 min  
Delta R.T.: -0.002 min  
Response: 81413113  
Conc: 52.37 ng/ml



#22 Mirex

R.T.: 7.035 min  
Delta R.T.: -0.004 min  
Response: 88557791  
Conc: 52.73 ng/ml



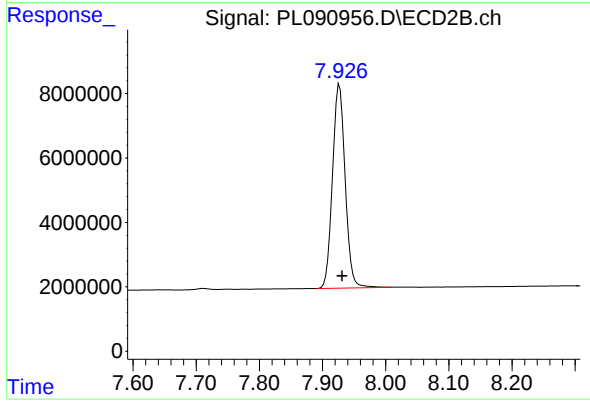
#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: -0.004 min  
Response: 76750293  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 08/12/2024



#28 Decachlorobiphenyl

R.T.: 7.927 min  
Delta R.T.: -0.004 min  
Response: 88504851  
Conc: 53.02 ng/ml