

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091024\  
 Data File : PL091624.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Sep 2024 17:10  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/12/2024  
 Supervised By :Ankita Jodhani 09/13/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 12 09:42:13 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 19:26:36 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... | 3.542 | 2.780 | 86177185 | 100.1E6  | 55.292  | 53.542  |
| 28)                         | SA Decachlor... | 9.055 | 7.921 | 63833532 | 97264308 | 52.524  | 52.674  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.998 | 3.284 | 120.6E6  | 145.3E6  | 55.844  | 54.628  |
| 3)                          | MA gamma-BHC... | 4.330 | 3.614 | 114.1E6  | 133.7E6  | 55.487  | 54.348  |
| 4)                          | MA Heptachlor   | 4.917 | 3.954 | 106.0E6  | 134.1E6  | 56.577m | 55.691  |
| 5)                          | MB Aldrin       | 5.259 | 4.234 | 101.0E6  | 127.7E6  | 54.241m | 55.984  |
| 6)                          | B beta-BHC      | 4.526 | 3.913 | 50504411 | 56981620 | 55.498  | 52.159  |
| 7)                          | B delta-BHC     | 4.774 | 4.143 | 100.4E6  | 127.7E6  | 52.244  | 55.484  |
| 8)                          | B Heptachlo...  | 5.686 | 4.736 | 90213094 | 113.5E6  | 54.061  | 53.856  |
| 9)                          | A Endosulfan I  | 6.072 | 5.107 | 86031111 | 103.6E6  | 55.215  | 53.702  |
| 10)                         | B gamma-Chl...  | 5.942 | 4.985 | 90614803 | 115.5E6  | 54.235  | 52.359m |
| 11)                         | B alpha-Chl...  | 6.022 | 5.051 | 90887199 | 112.4E6  | 56.388  | 54.344  |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.239 | 81748204 | 106.2E6  | 56.044  | 55.968  |
| 13)                         | MA Dieldrin     | 6.347 | 5.371 | 91195566 | 111.8E6  | 55.889  | 54.385  |
| 14)                         | MA Endrin       | 6.576 | 5.646 | 74357682 | 102.9E6  | 55.921  | 54.505  |
| 15)                         | B Endosulfa...  | 6.795 | 5.940 | 82927803 | 95971186 | 53.502  | 54.254  |
| 16)                         | A 4,4'-DDD      | 6.711 | 5.794 | 68791567 | 89158697 | 54.271  | 53.205  |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.045 | 74178589 | 91642559 | 56.549  | 57.035  |
| 18)                         | B Endrin al...  | 6.925 | 6.119 | 63425974 | 73712466 | 53.383  | 53.921  |
| 19)                         | B Endosulfa...  | 7.160 | 6.342 | 74228906 | 91456800 | 53.158  | 53.293  |
| 20)                         | A Methoxychlor  | 7.500 | 6.620 | 38858538 | 49725686 | 57.443  | 56.139  |
| 21)                         | B Endrin ke...  | 7.644 | 6.848 | 82578774 | 105.4E6  | 53.403  | 52.379  |
| 22)                         | Mirex           | 8.118 | 7.029 | 64456241 | 87508757 | 53.828  | 49.350  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091024\  
Data File : PL091624.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2024 17:10  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

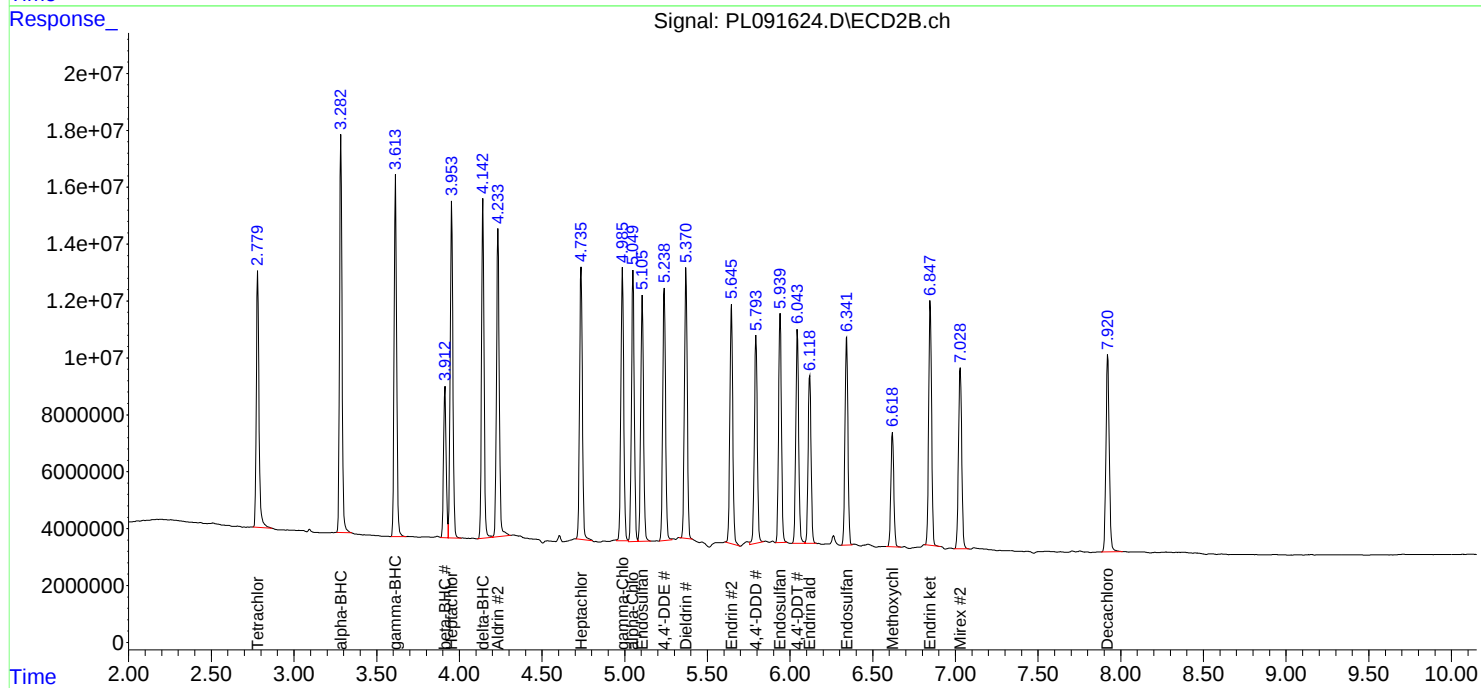
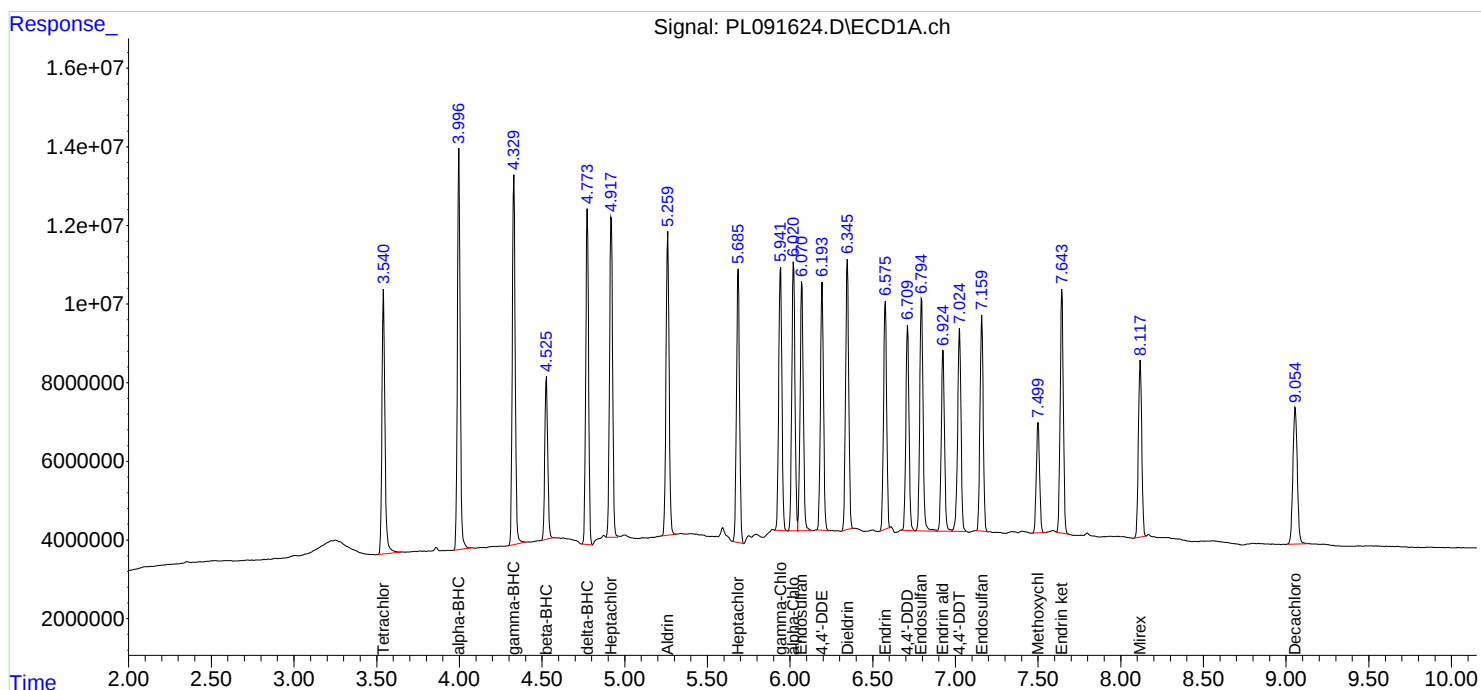
## APPROVED

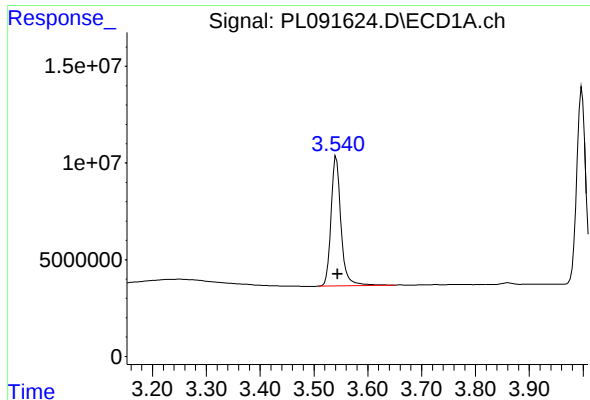
Reviewed By :Abdul Mirza 09/12/2024

Supervised By :Ankita Jodhani 09/13/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 12 09:42:13 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 19:26:36 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





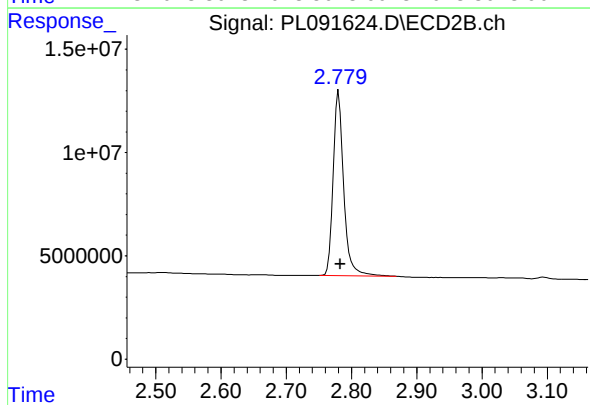
#1 Tetrachloro-m-xylene

R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 86177185  
Conc: 55.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

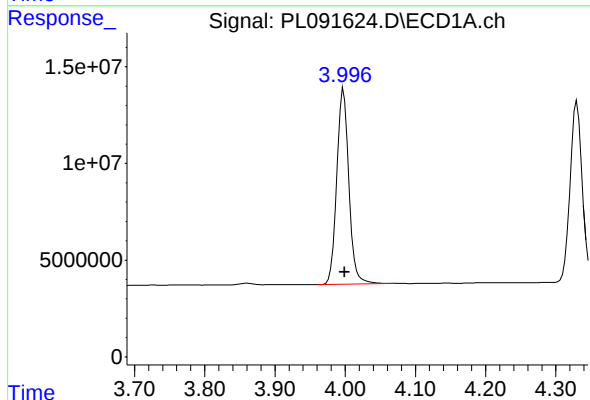
Manual Integrations  
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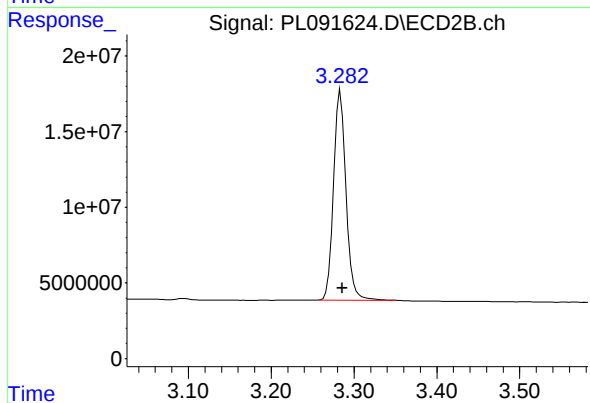
#1 Tetrachloro-m-xylene

R.T.: 2.780 min  
Delta R.T.: -0.002 min  
Response: 100138718  
Conc: 53.54 ng/ml



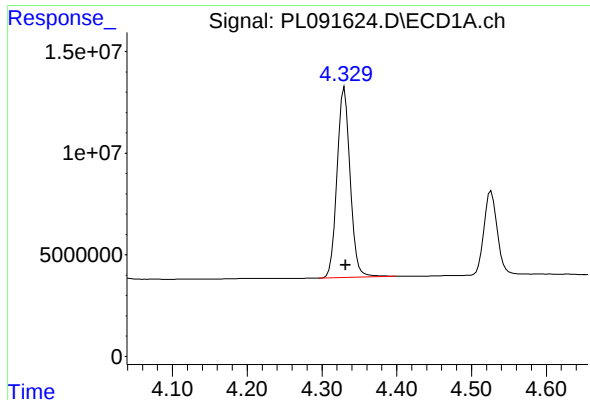
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.002 min  
Response: 120619464  
Conc: 55.84 ng/ml



#2 alpha-BHC

R.T.: 3.284 min  
Delta R.T.: -0.002 min  
Response: 145286301  
Conc: 54.63 ng/ml



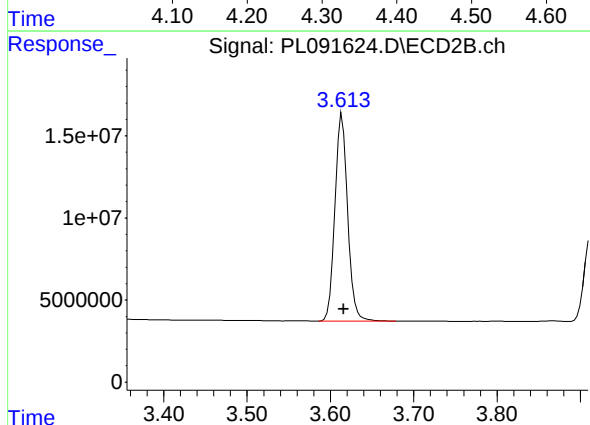
#3 gamma-BHC (Lindane)

R.T.: 4.330 min  
Delta R.T.: -0.002 min  
Response: 114065253  
Conc: 55.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

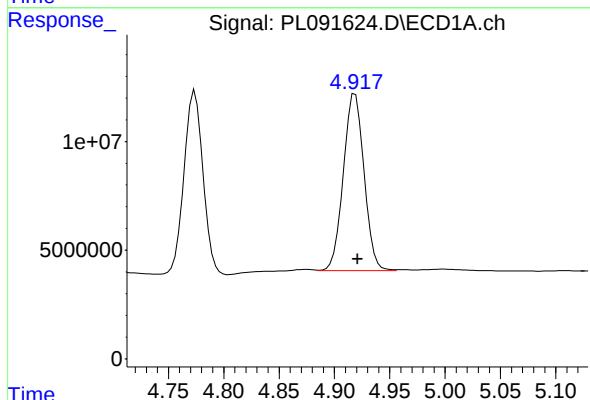
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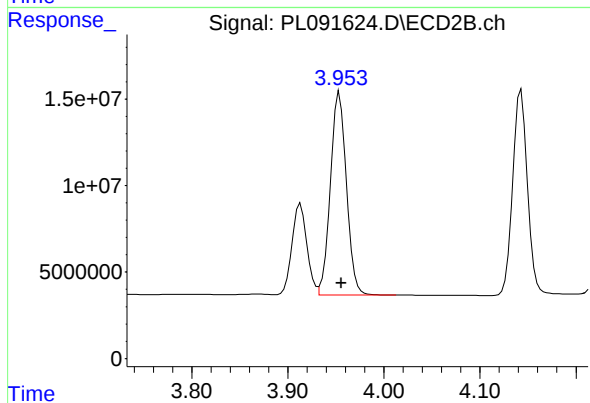
#3 gamma-BHC (Lindane)

R.T.: 3.614 min  
Delta R.T.: -0.002 min  
Response: 133666941  
Conc: 54.35 ng/ml



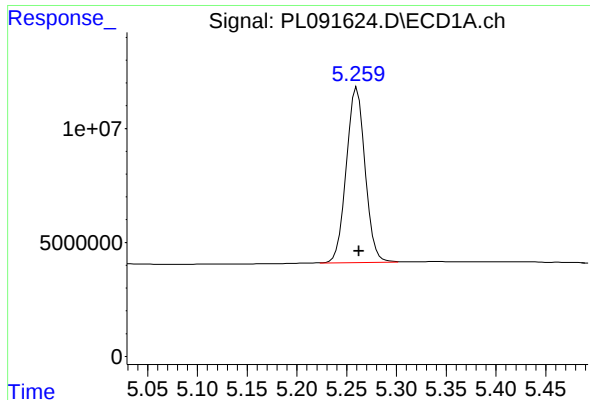
#4 Heptachlor

R.T.: 4.917 min  
Delta R.T.: -0.004 min  
Response: 105970172  
Conc: 56.58 ng/ml m



#4 Heptachlor

R.T.: 3.954 min  
Delta R.T.: -0.002 min  
Response: 134121193  
Conc: 55.69 ng/ml



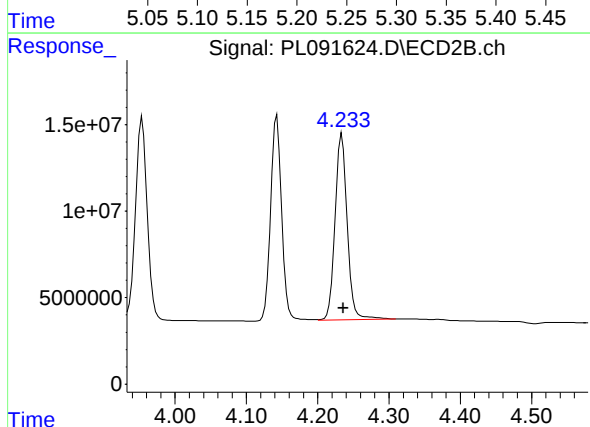
#5 Aldrin

R.T.: 5.259 min  
Delta R.T.: -0.003 min  
Response: 101028327  
Conc: 54.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

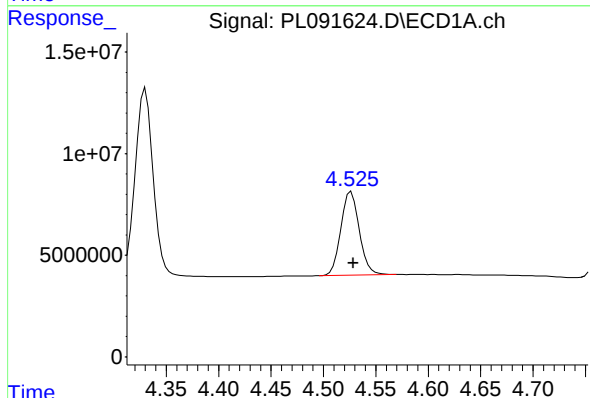
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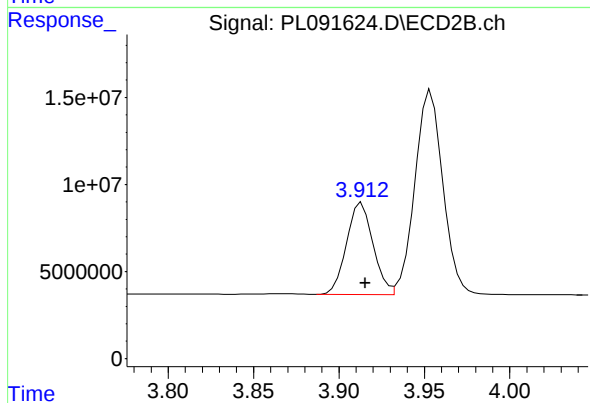
#5 Aldrin

R.T.: 4.234 min  
Delta R.T.: -0.002 min  
Response: 127728437  
Conc: 55.98 ng/ml



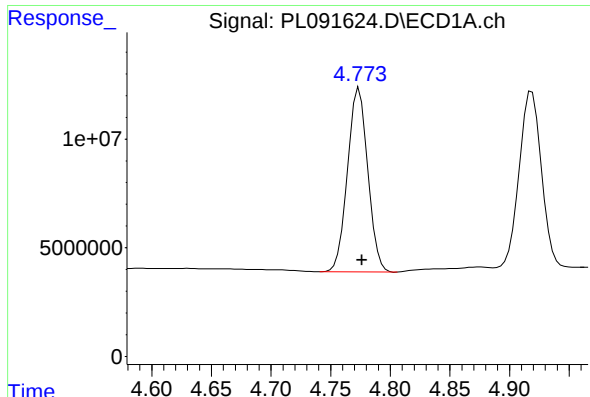
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.002 min  
Response: 50504411  
Conc: 55.50 ng/ml



#6 beta-BHC

R.T.: 3.913 min  
Delta R.T.: -0.002 min  
Response: 56981620  
Conc: 52.16 ng/ml



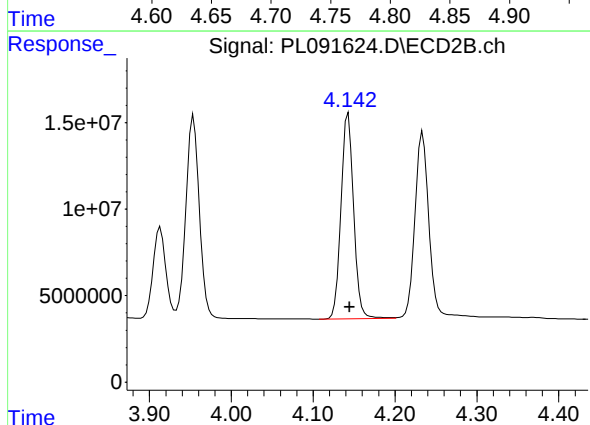
#7 delta-BHC

R.T.: 4.774 min  
Delta R.T.: -0.002 min  
Response: 100370250  
Conc: 52.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

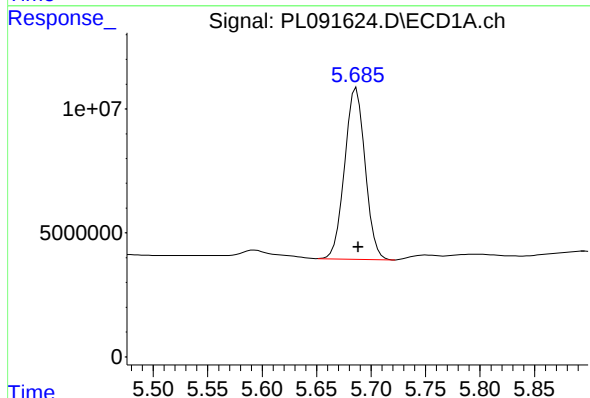
Manual Integrations  
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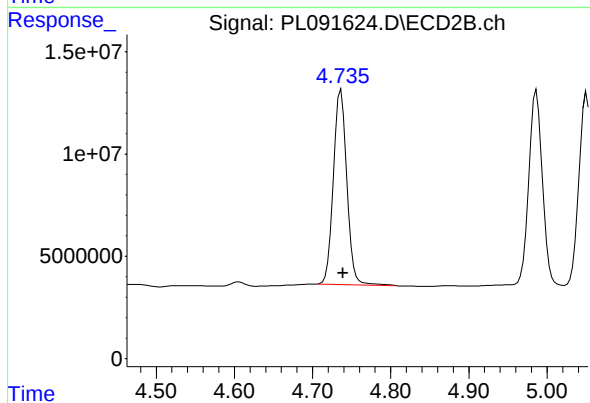
#7 delta-BHC

R.T.: 4.143 min  
Delta R.T.: -0.002 min  
Response: 127652859  
Conc: 55.48 ng/ml



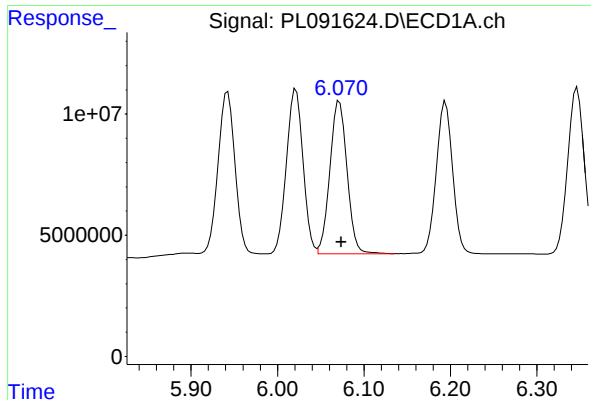
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.002 min  
Response: 90213094  
Conc: 54.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min  
Delta R.T.: -0.003 min  
Response: 113512821  
Conc: 53.86 ng/ml



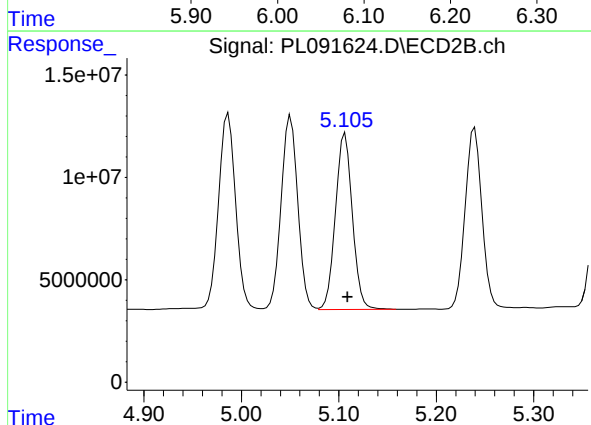
#9 Endosulfan I

R.T.: 6.072 min  
Delta R.T.: -0.002 min  
Response: 86031111  
Conc: 55.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

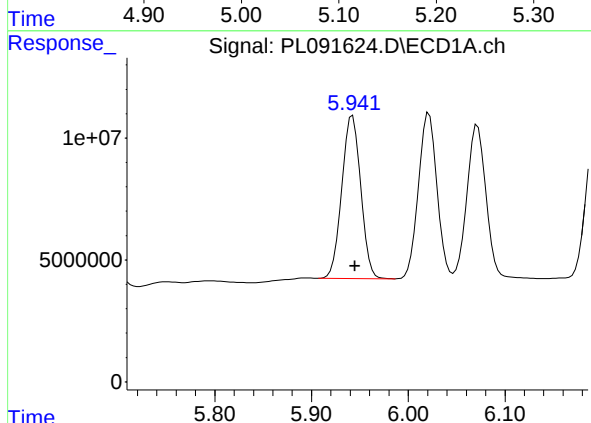
Manual Integrations  
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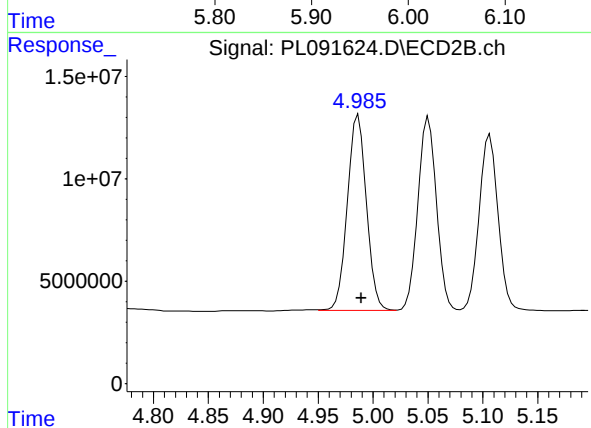
#9 Endosulfan I

R.T.: 5.107 min  
Delta R.T.: -0.003 min  
Response: 103609484  
Conc: 53.70 ng/ml



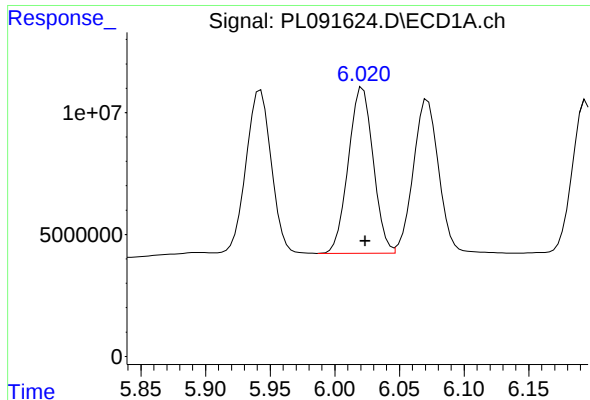
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.002 min  
Response: 90614803  
Conc: 54.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.985 min  
Delta R.T.: -0.004 min  
Response: 115487002  
Conc: 52.36 ng/ml m



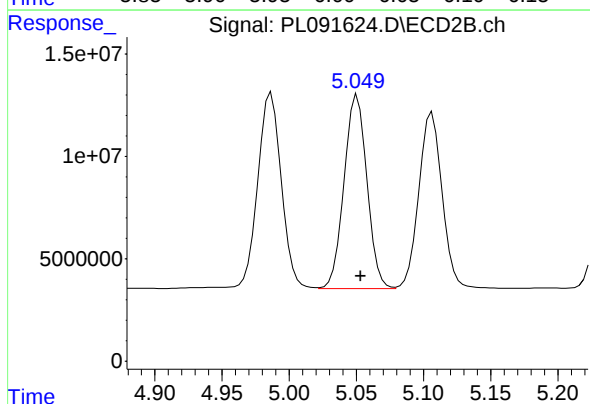
#11 alpha-Chlordane

R.T.: 6.022 min  
Delta R.T.: -0.002 min  
Response: 90887199  
Conc: 56.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

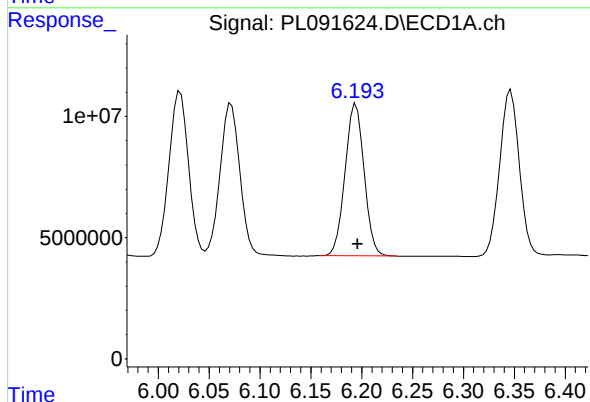
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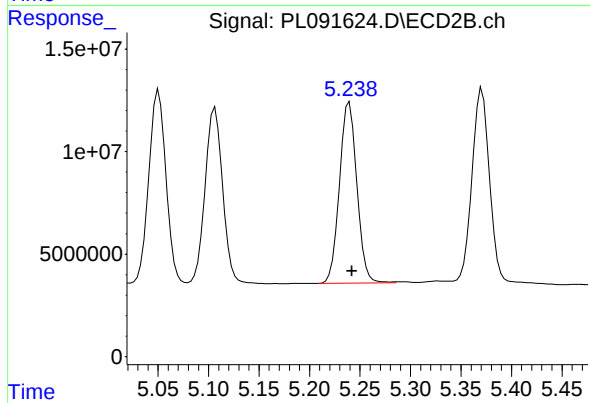
#11 alpha-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.003 min  
Response: 112438833  
Conc: 54.34 ng/ml



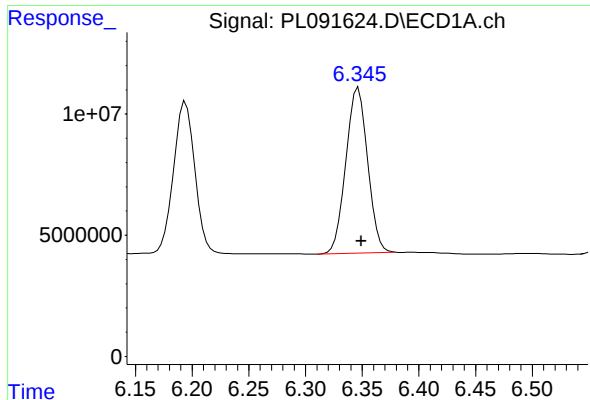
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 81748204  
Conc: 56.04 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min  
Delta R.T.: -0.003 min  
Response: 106154620  
Conc: 55.97 ng/ml



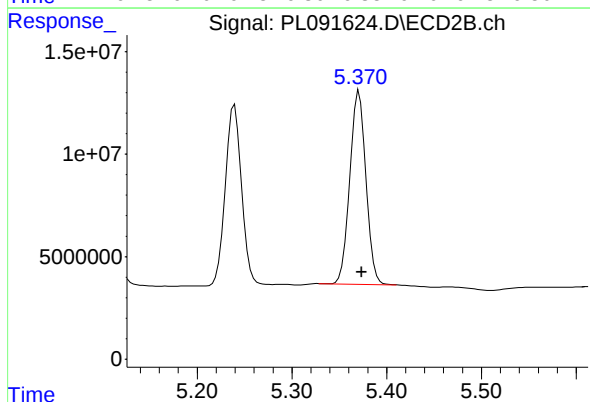
#13 Dieldrin

R.T.: 6.347 min  
Delta R.T.: -0.003 min  
Response: 91195566  
Conc: 55.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

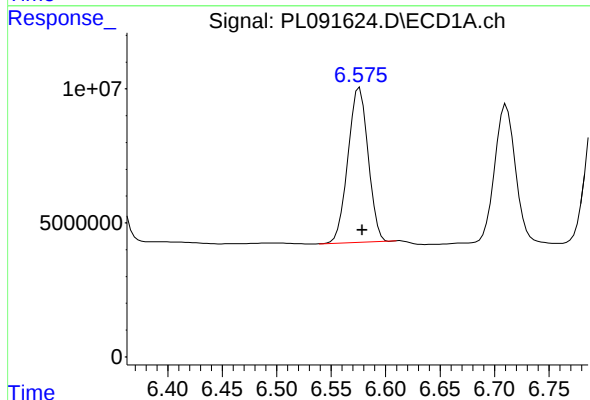
Manual Integrations  
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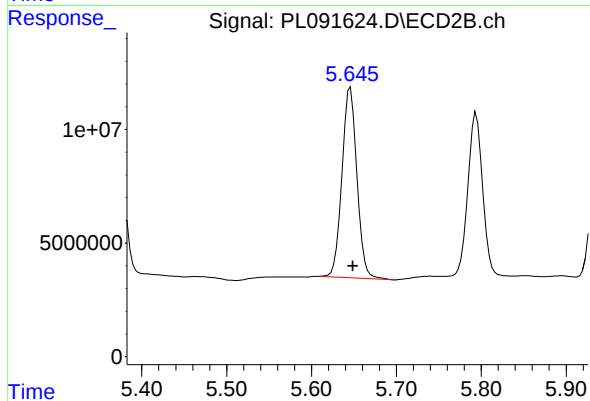
#13 Dieldrin

R.T.: 5.371 min  
Delta R.T.: -0.003 min  
Response: 111786047  
Conc: 54.39 ng/ml



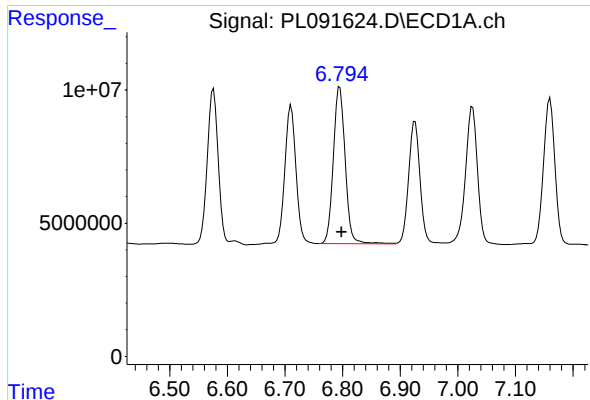
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: -0.002 min  
Response: 74357682  
Conc: 55.92 ng/ml



#14 Endrin

R.T.: 5.646 min  
Delta R.T.: -0.003 min  
Response: 102861564  
Conc: 54.51 ng/ml



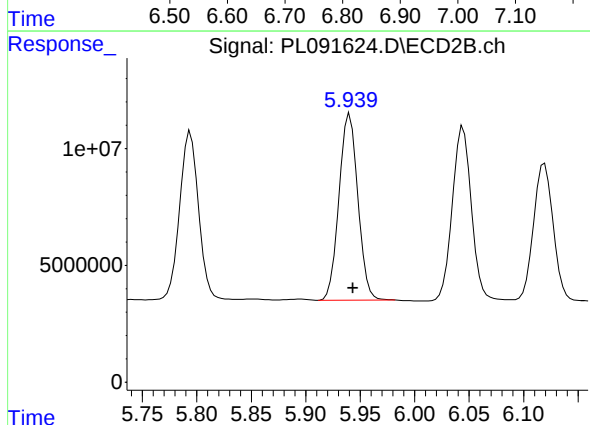
#15 Endosulfan II

R.T.: 6.795 min  
Delta R.T.: -0.003 min  
Response: 82927803  
Conc: 53.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

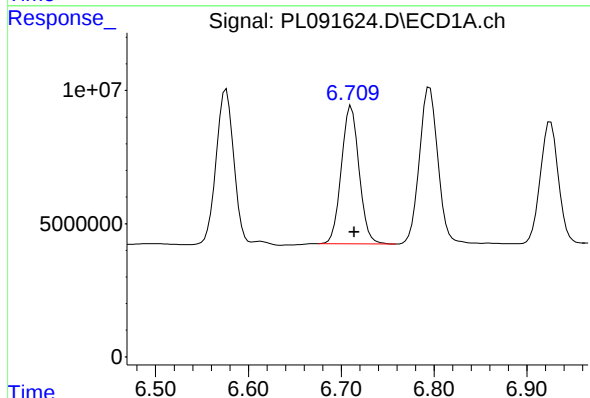
Manual Integrations  
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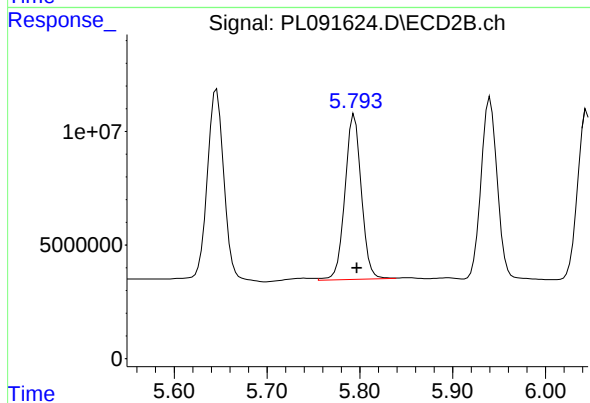
#15 Endosulfan II

R.T.: 5.940 min  
Delta R.T.: -0.003 min  
Response: 95971186  
Conc: 54.25 ng/ml



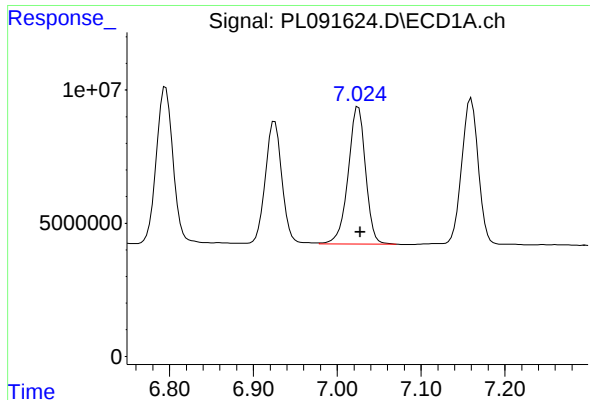
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: -0.003 min  
Response: 68791567  
Conc: 54.27 ng/ml



#16 4,4'-DDD

R.T.: 5.794 min  
Delta R.T.: -0.003 min  
Response: 89158697  
Conc: 53.21 ng/ml



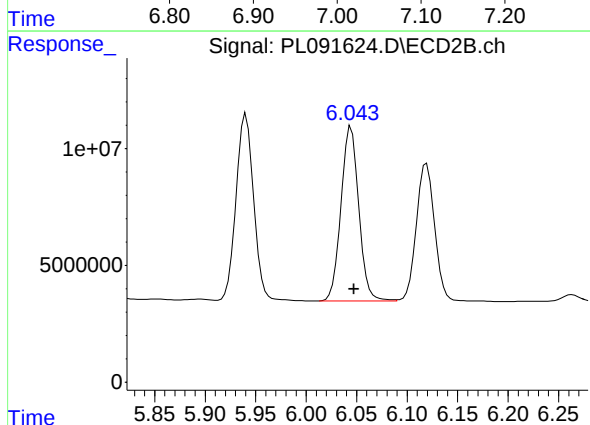
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: -0.002 min  
Response: 74178589  
Conc: 56.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

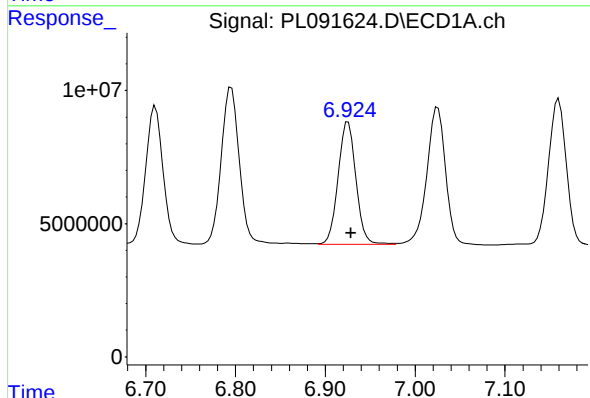
Manual Integrations  
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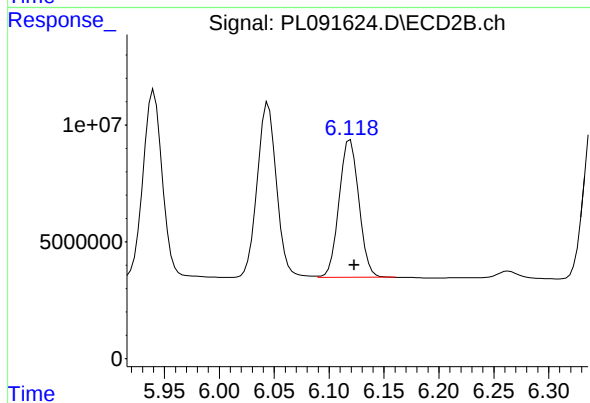
#17 4,4'-DDT

R.T.: 6.045 min  
Delta R.T.: -0.003 min  
Response: 91642559  
Conc: 57.03 ng/ml



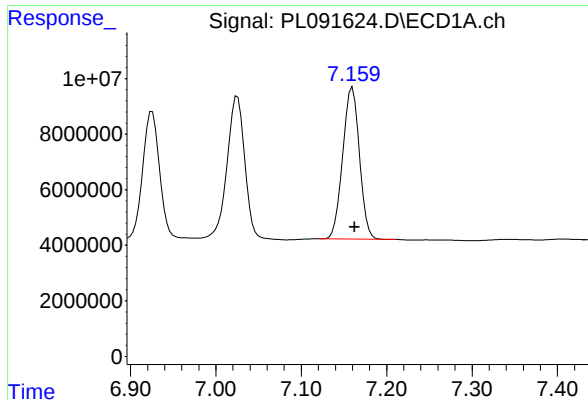
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: -0.003 min  
Response: 63425974  
Conc: 53.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min  
Delta R.T.: -0.004 min  
Response: 73712466  
Conc: 53.92 ng/ml



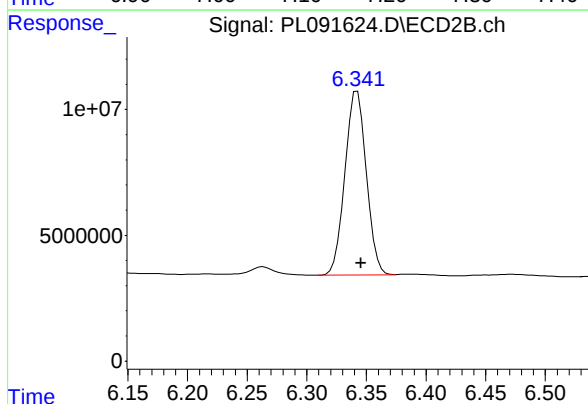
#19 Endosulfan Sulfate

R.T.: 7.160 min  
Delta R.T.: -0.003 min  
Response: 74228906  
Conc: 53.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

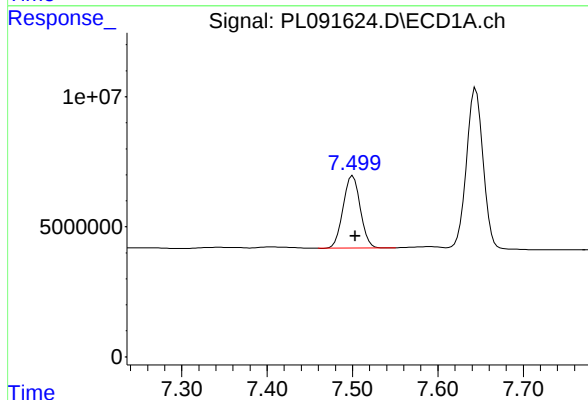
Manual Integrations  
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Reviewed By :Abdul Mirza 09/12/2024  
Supervised By :Ankita Jodhani 09/13/2024



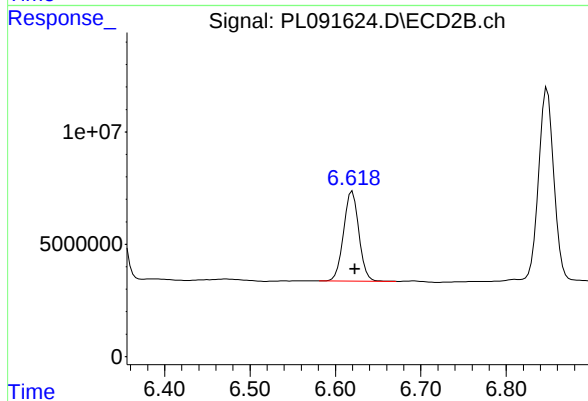
#19 Endosulfan Sulfate

R.T.: 6.342 min  
Delta R.T.: -0.003 min  
Response: 91456800  
Conc: 53.29 ng/ml



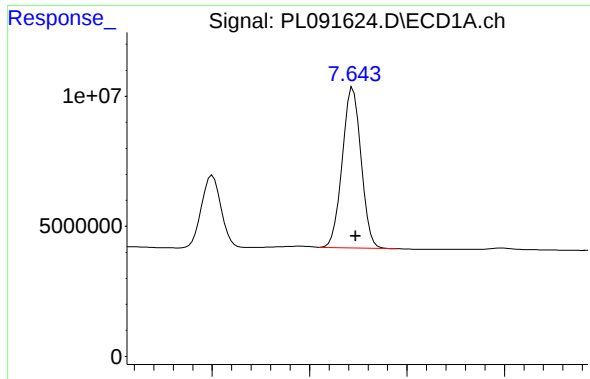
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: -0.003 min  
Response: 38858538  
Conc: 57.44 ng/ml



#20 Methoxychlor

R.T.: 6.620 min  
Delta R.T.: -0.003 min  
Response: 49725686  
Conc: 56.14 ng/ml



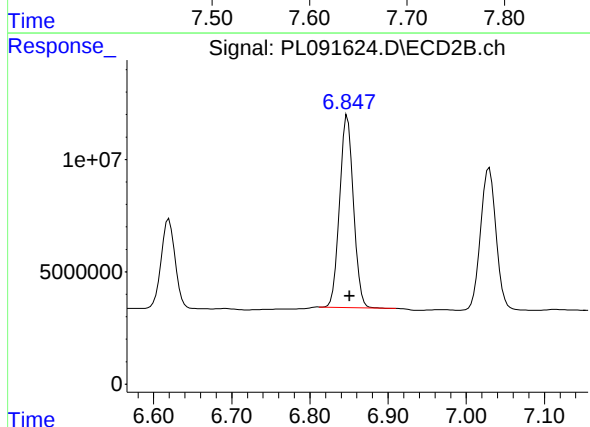
#21 Endrin ketone

R.T.: 7.644 min  
Delta R.T.: -0.003 min  
Response: 82578774  
Conc: 53.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

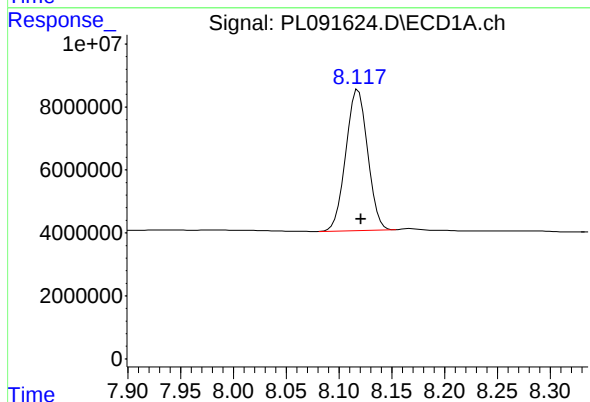
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/12/2024  
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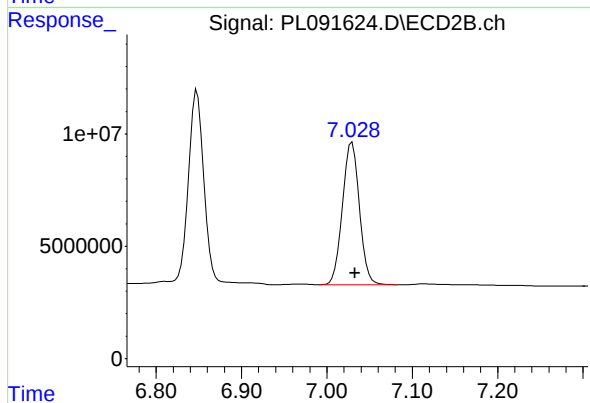
#21 Endrin ketone

R.T.: 6.848 min  
Delta R.T.: -0.003 min  
Response: 105354664  
Conc: 52.38 ng/ml



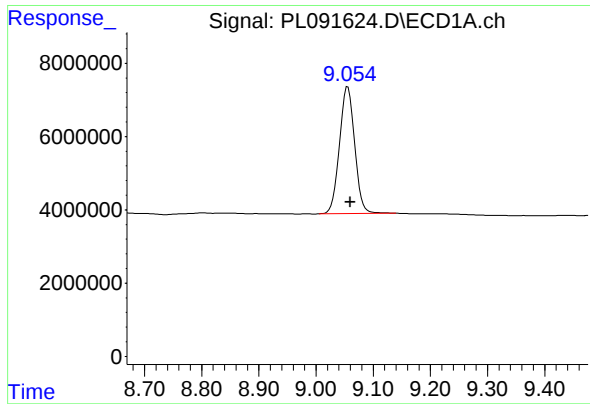
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: -0.003 min  
Response: 64456241  
Conc: 53.83 ng/ml



#22 Mirex

R.T.: 7.029 min  
Delta R.T.: -0.003 min  
Response: 87508757  
Conc: 49.35 ng/ml



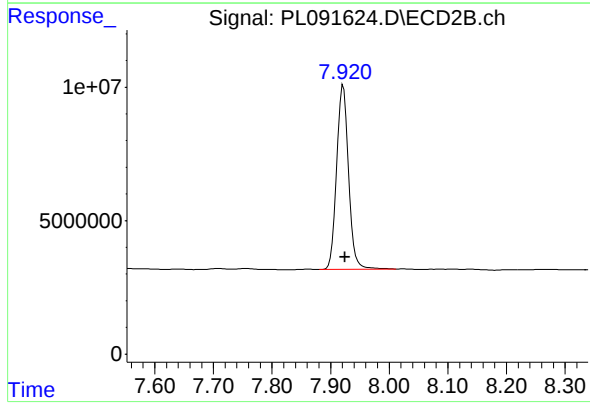
#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: -0.005 min  
Response: 63833532  
Conc: 52.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: -0.003 min  
Response: 97264308  
Conc: 52.67 ng/ml