

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102423\  
 Data File : PL086100.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2023 09:30  
 Operator : AR\AJ  
 Sample : PB156566BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB156566BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/25/2023  
 Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 11:03:14 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 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... | 3.356 | 2.621 | 49109224 | 14337033 | 16.512  | 15.348 |
| 28)                         | SA Decachlor... | 8.856 | 7.772 | 45211778 | 19806686 | 20.758  | 21.459 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.810 | 3.119 | 206.0E6  | 56643083 | 48.006  | 45.022 |
| 3)                          | MA gamma-BHC... | 4.141 | 3.447 | 190.4E6  | 55168483 | 46.055  | 44.731 |
| 4)                          | MA Heptachlor   | 4.728 | 3.783 | 192.9E6  | 55201419 | 49.884  | 47.462 |
| 5)                          | MB Aldrin       | 5.068 | 4.059 | 185.5E6  | 53250635 | 47.867  | 47.619 |
| 6)                          | B beta-BHC      | 4.344 | 3.749 | 81713350 | 25165796 | 49.415  | 48.341 |
| 7)                          | B delta-BHC     | 4.587 | 3.974 | 189.8E6  | 53882251 | 49.510  | 46.896 |
| 8)                          | B Heptachlo...  | 5.496 | 4.564 | 168.7E6  | 51564925 | 48.889m | 51.339 |
| 9)                          | A Endosulfan I  | 5.882 | 4.932 | 161.3E6  | 48914001 | 49.890  | 45.597 |
| 10)                         | B gamma-Chl...  | 5.756 | 4.816 | 176.4E6  | 54316674 | 51.549  | 54.844 |
| 11)                         | B alpha-Chl...  | 5.834 | 4.879 | 172.4E6  | 54223043 | 50.432  | 49.713 |
| 12)                         | B 4,4'-DDE      | 6.018 | 5.078 | 150.0E6  | 46792499 | 53.621  | 56.985 |
| 13)                         | MA Dieldrin     | 6.159 | 5.197 | 158.5E6  | 50178727 | 48.229  | 51.719 |
| 14)                         | MA Endrin       | 6.387 | 5.471 | 141.3E6  | 47055632 | 49.570  | 52.342 |
| 15)                         | B Endosulfa...  | 6.610 | 5.768 | 133.2E6  | 44530757 | 48.354  | 46.828 |
| 16)                         | A 4,4'-DDD      | 6.537 | 5.634 | 117.8E6  | 40131093 | 58.463  | 57.656 |
| 17)                         | MA 4,4'-DDT     | 6.851 | 5.885 | 118.9E6  | 39464345 | 50.447m | 49.907 |
| 18)                         | B Endrin al...  | 6.741 | 5.950 | 105.1E6  | 37419850 | 51.867  | 50.180 |
| 19)                         | B Endosulfa...  | 6.977 | 6.174 | 132.9E6  | 46878550 | 52.942  | 51.965 |
| 20)                         | A Methoxychlor  | 7.338 | 6.470 | 65272843 | 23703670 | 46.736  | 45.057 |
| 21)                         | B Endrin ke...  | 7.459 | 6.676 | 137.3E6  | 55005249 | 47.673  | 47.855 |
| 22)                         | Mirex           | 7.931 | 6.853 | 110.9E6  | 46860803 | 50.076  | 49.684 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102423\  
 Data File : PL086100.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2023 09:30  
 Operator : AR\AJ  
 Sample : PB156566BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB156566BS

## Manual Integrations

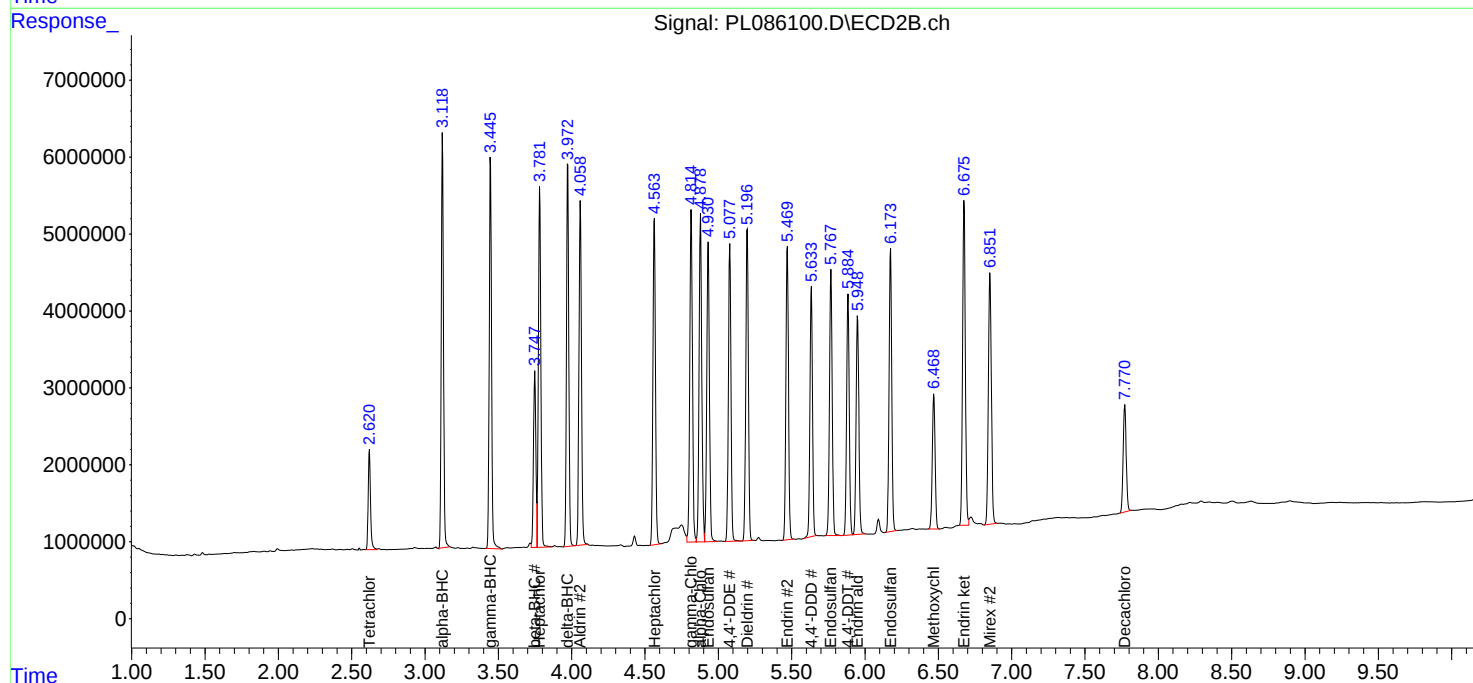
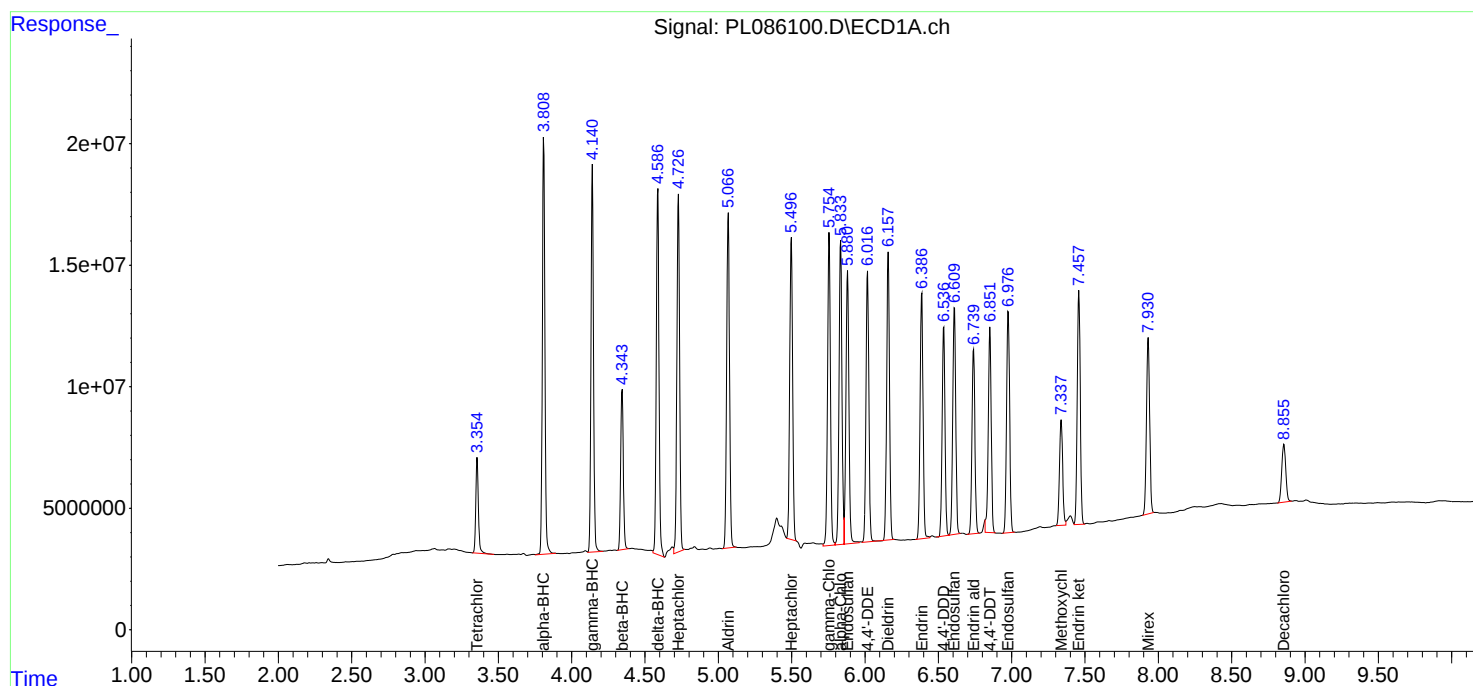
APPROVED

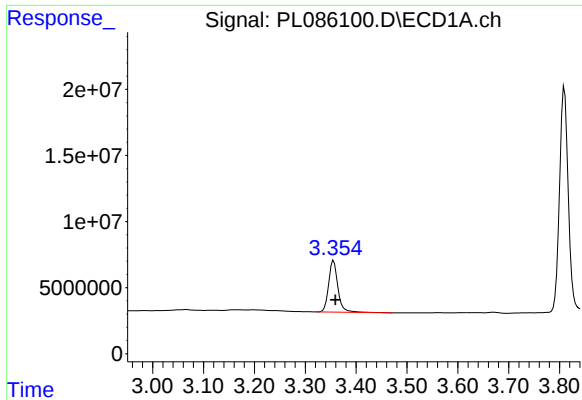
Reviewed By :Abdul Mirza 10/25/2023

Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 11:03:14 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 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





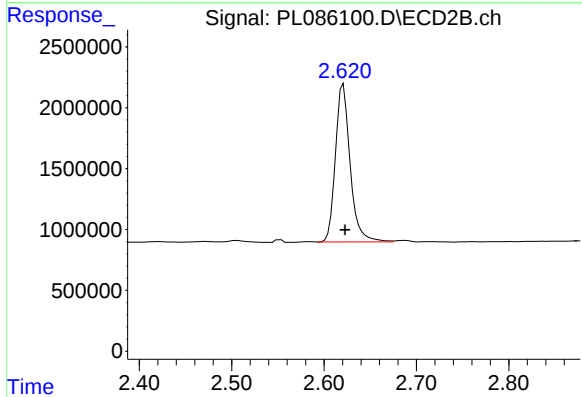
#1 Tetrachloro-m-xylene

R.T.: 3.356 min  
Delta R.T.: -0.003 min  
Response: 49109224  
Conc: 16.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB156566BS

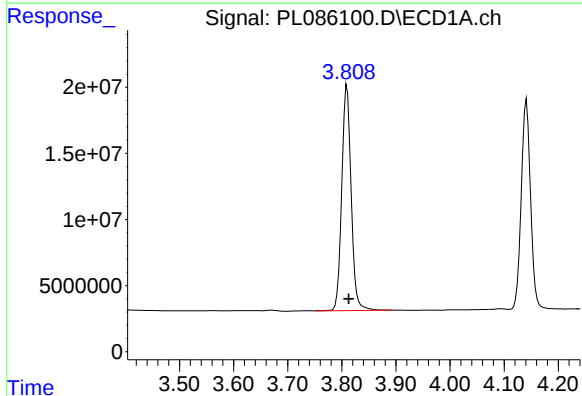
Manual Integrations  
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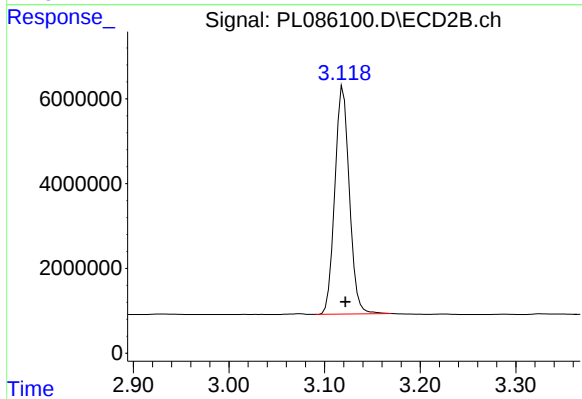
#1 Tetrachloro-m-xylene

R.T.: 2.621 min  
Delta R.T.: -0.002 min  
Response: 14337033  
Conc: 15.35 ng/ml



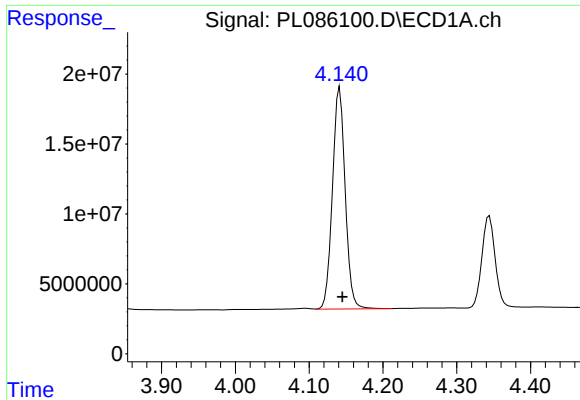
#2 alpha-BHC

R.T.: 3.810 min  
Delta R.T.: -0.003 min  
Response: 206036856  
Conc: 48.01 ng/ml



#2 alpha-BHC

R.T.: 3.119 min  
Delta R.T.: -0.002 min  
Response: 56643083  
Conc: 45.02 ng/ml



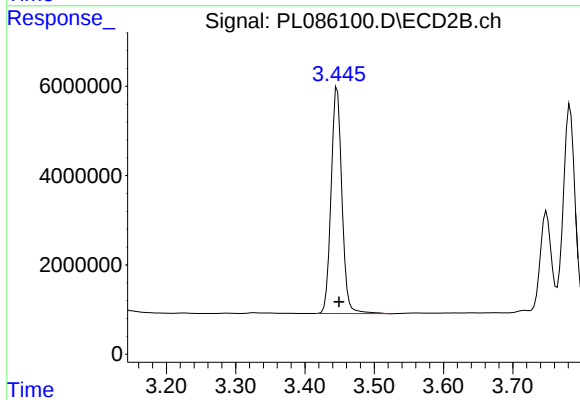
#3 gamma-BHC (Lindane)

R.T.: 4.141 min  
Delta R.T.: -0.003 min  
Response: 190360622  
Conc: 46.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB156566BS

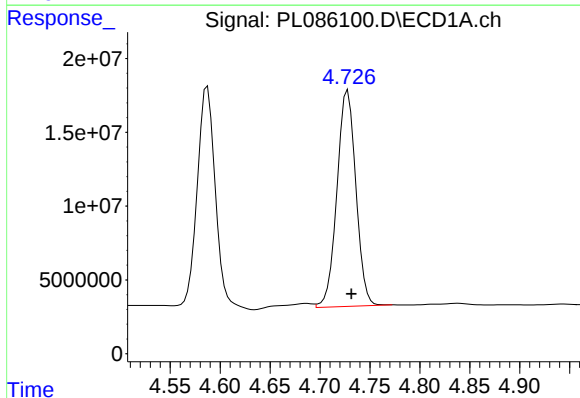
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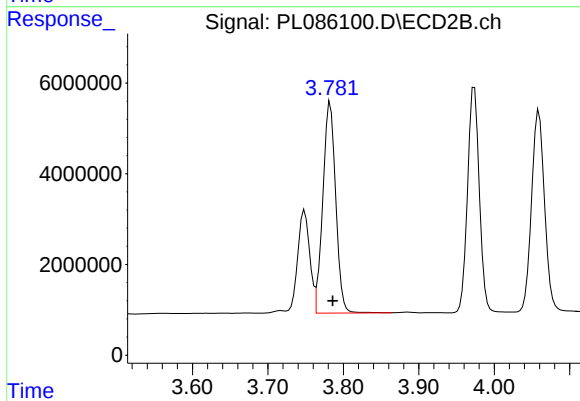
#3 gamma-BHC (Lindane)

R.T.: 3.447 min  
Delta R.T.: -0.002 min  
Response: 55168483  
Conc: 44.73 ng/ml



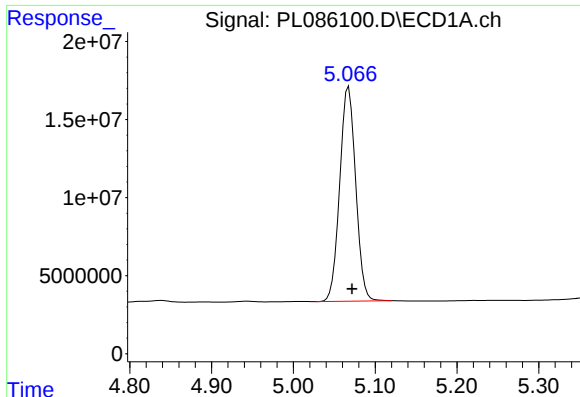
#4 Heptachlor

R.T.: 4.728 min  
Delta R.T.: -0.004 min  
Response: 192933436  
Conc: 49.88 ng/ml



#4 Heptachlor

R.T.: 3.783 min  
Delta R.T.: -0.003 min  
Response: 55201419  
Conc: 47.46 ng/ml



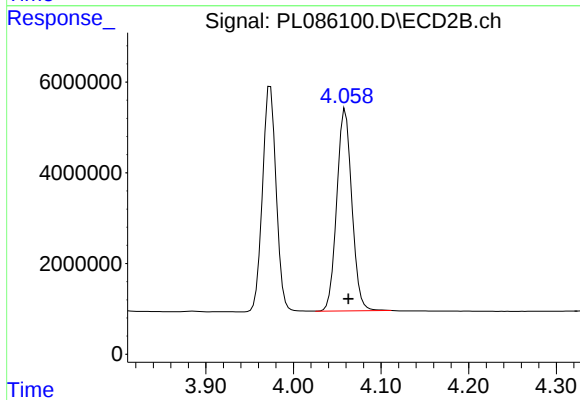
#5 Aldrin

R.T.: 5.068 min  
Delta R.T.: -0.004 min  
Response: 185549682  
Conc: 47.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB156566BS

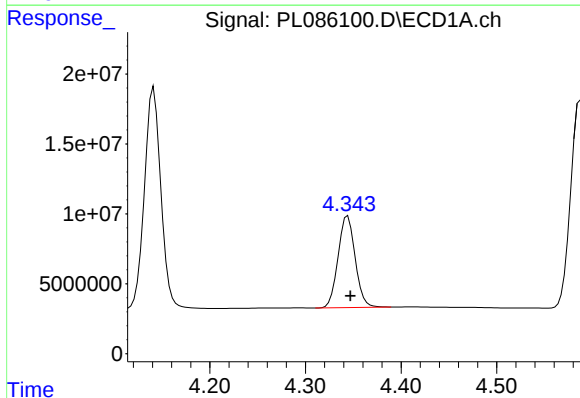
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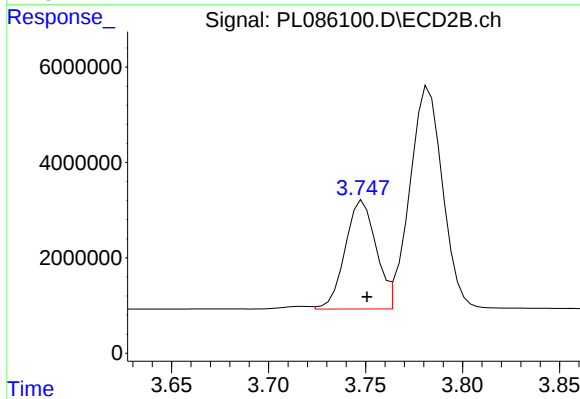
#5 Aldrin

R.T.: 4.059 min  
Delta R.T.: -0.003 min  
Response: 53250635  
Conc: 47.62 ng/ml



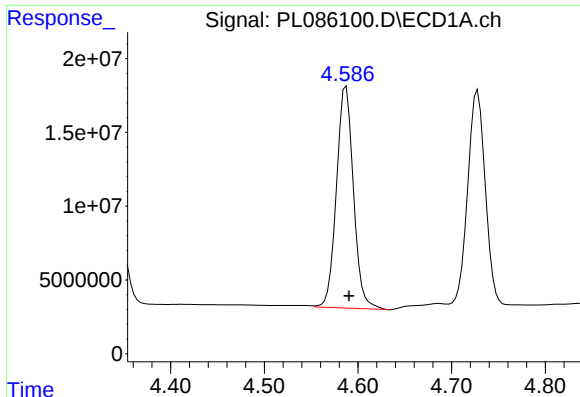
#6 beta-BHC

R.T.: 4.344 min  
Delta R.T.: -0.003 min  
Response: 81713350  
Conc: 49.41 ng/ml



#6 beta-BHC

R.T.: 3.749 min  
Delta R.T.: -0.002 min  
Response: 25165796  
Conc: 48.34 ng/ml



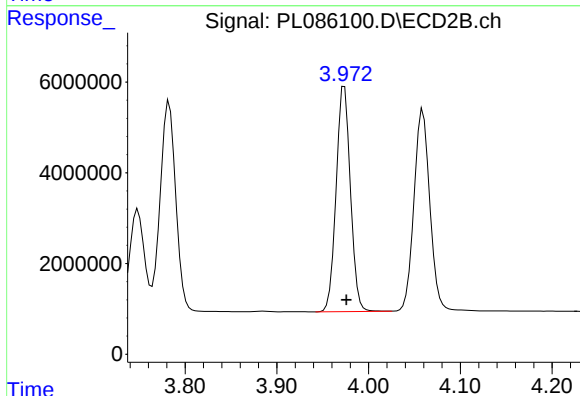
#7 delta-BHC

R.T.: 4.587 min  
Delta R.T.: -0.003 min  
Response: 189839638  
Conc: 49.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB156566BS

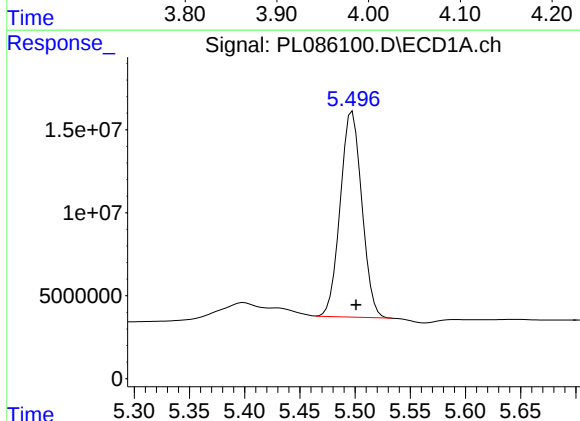
Manual Integrations  
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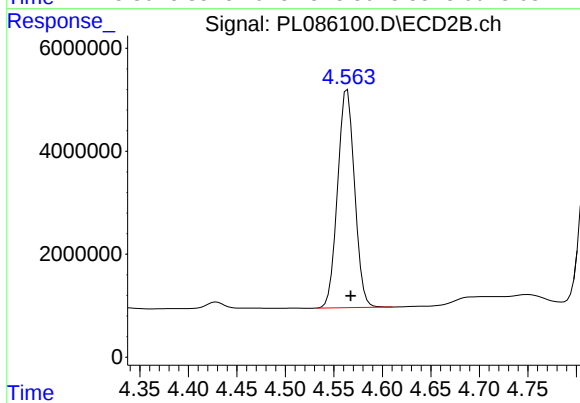
#7 delta-BHC

R.T.: 3.974 min  
Delta R.T.: -0.002 min  
Response: 53882251  
Conc: 46.90 ng/ml



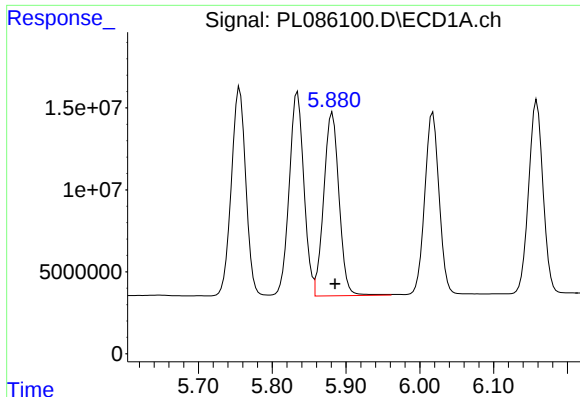
#8 Heptachlor epoxide

R.T.: 5.496 min  
Delta R.T.: -0.005 min  
Response: 168658194  
Conc: 48.89 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.564 min  
Delta R.T.: -0.004 min  
Response: 51564925  
Conc: 51.34 ng/ml



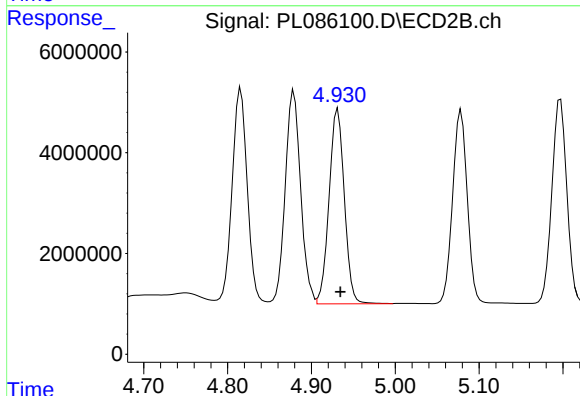
#9 Endosulfan I

R.T.: 5.882 min  
Delta R.T.: -0.003 min  
Response: 161345377  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB156566BS

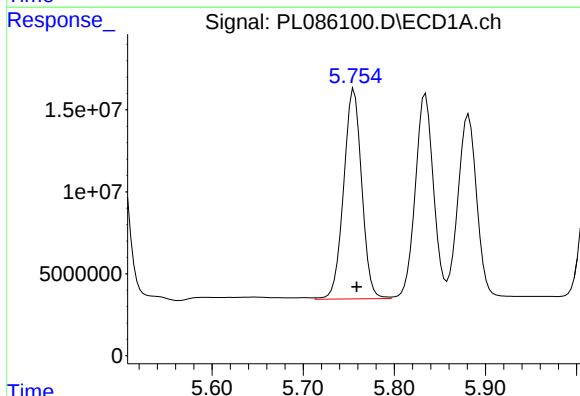
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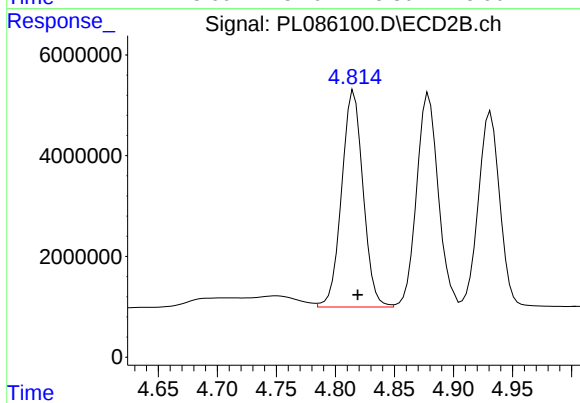
#9 Endosulfan I

R.T.: 4.932 min  
Delta R.T.: -0.003 min  
Response: 48914001  
Conc: 45.60 ng/ml



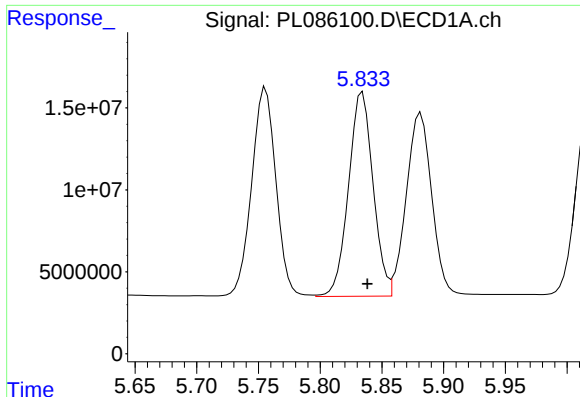
#10 gamma-Chlordane

R.T.: 5.756 min  
Delta R.T.: -0.003 min  
Response: 176370767  
Conc: 51.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.816 min  
Delta R.T.: -0.003 min  
Response: 54316674  
Conc: 54.84 ng/ml



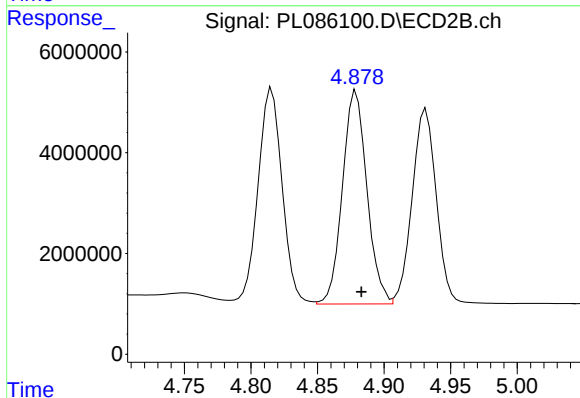
#11 alpha-Chlordane

R.T.: 5.834 min  
Delta R.T.: -0.004 min  
Response: 172359521  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB156566BS

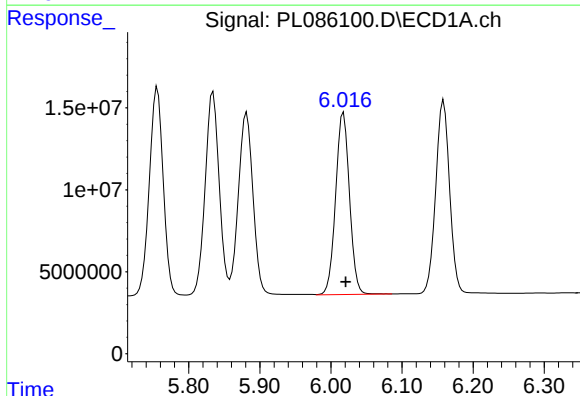
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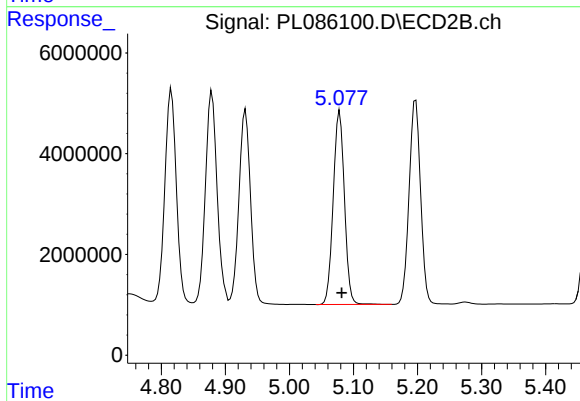
#11 alpha-Chlordane

R.T.: 4.879 min  
Delta R.T.: -0.004 min  
Response: 54223043  
Conc: 49.71 ng/ml



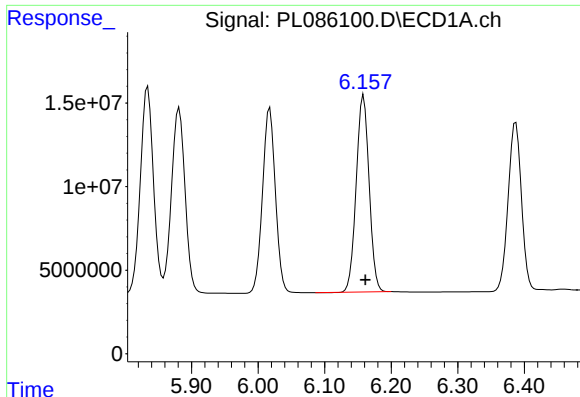
#12 4,4'-DDE

R.T.: 6.018 min  
Delta R.T.: -0.003 min  
Response: 149954604  
Conc: 53.62 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min  
Delta R.T.: -0.003 min  
Response: 46792499  
Conc: 56.99 ng/ml



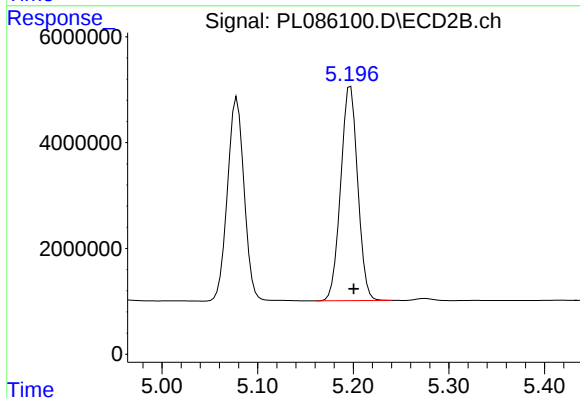
#13 Dieldrin

R.T.: 6.159 min  
Delta R.T.: -0.003 min  
Response: 158481041  
Conc: 48.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB156566BS

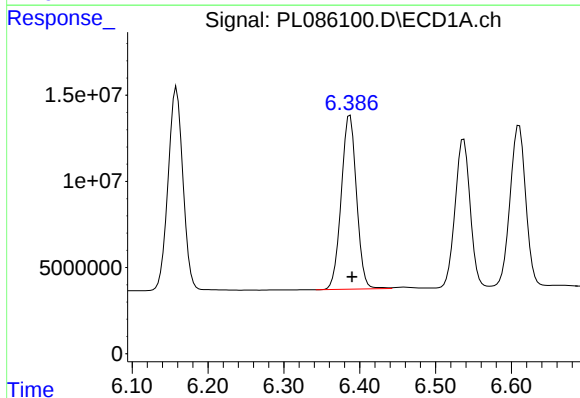
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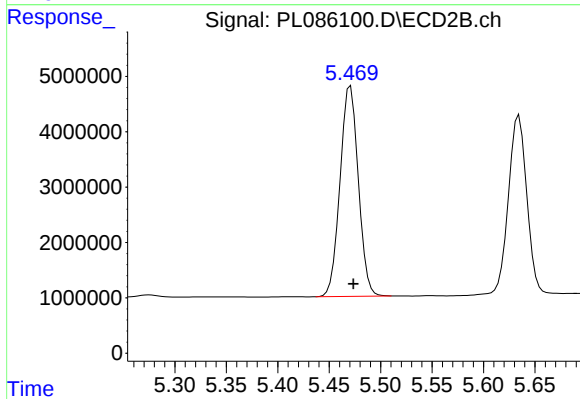
#13 Dieldrin

R.T.: 5.197 min  
Delta R.T.: -0.003 min  
Response: 50178727  
Conc: 51.72 ng/ml



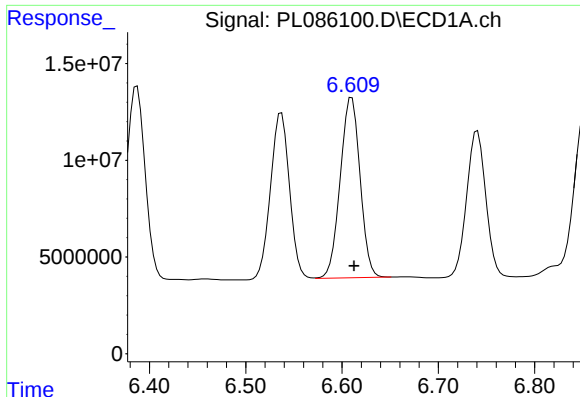
#14 Endrin

R.T.: 6.387 min  
Delta R.T.: -0.003 min  
Response: 141263628  
Conc: 49.57 ng/ml



#14 Endrin

R.T.: 5.471 min  
Delta R.T.: -0.003 min  
Response: 47055632  
Conc: 52.34 ng/ml



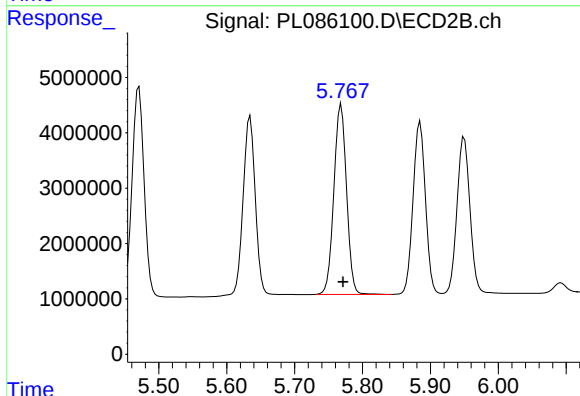
#15 Endosulfan II

R.T.: 6.610 min  
Delta R.T.: -0.002 min  
Response: 133238768  
Conc: 48.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB156566BS

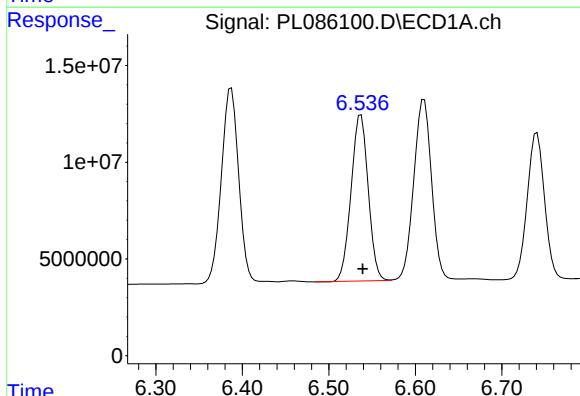
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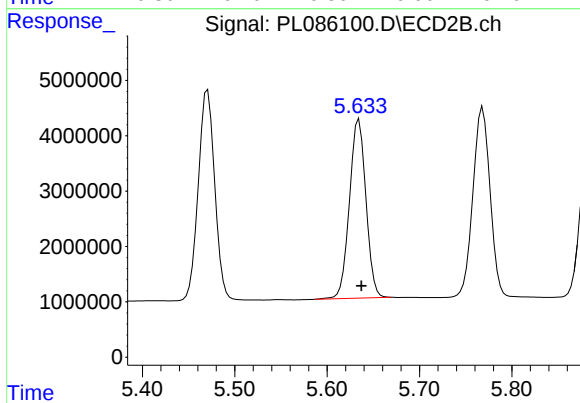
#15 Endosulfan II

R.T.: 5.768 min  
Delta R.T.: -0.003 min  
Response: 44530757  
Conc: 46.83 ng/ml



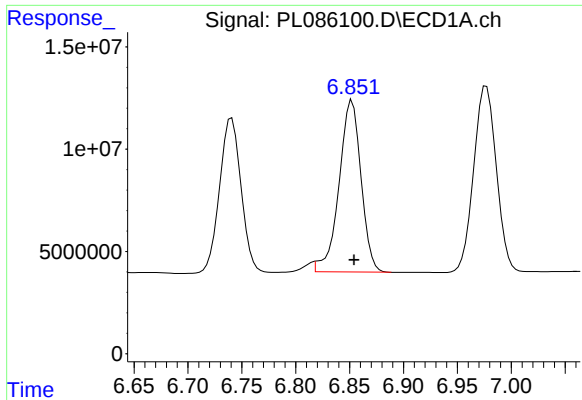
#16 4,4'-DDD

R.T.: 6.537 min  
Delta R.T.: -0.002 min  
Response: 117783968  
Conc: 58.46 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min  
Delta R.T.: -0.003 min  
Response: 40131093  
Conc: 57.66 ng/ml



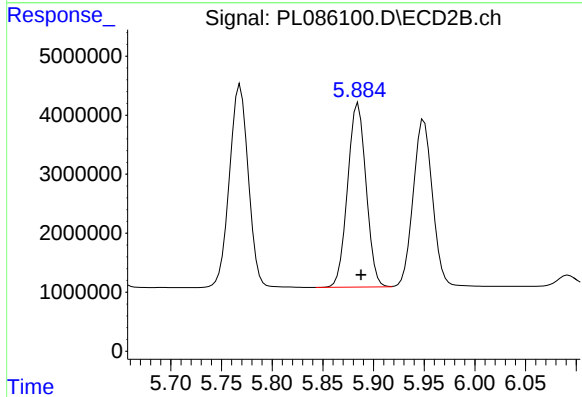
#17 4,4'-DDT

R.T.: 6.851 min  
Delta R.T.: -0.003 min  
Response: 118908717  
Conc: 50.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB156566BS

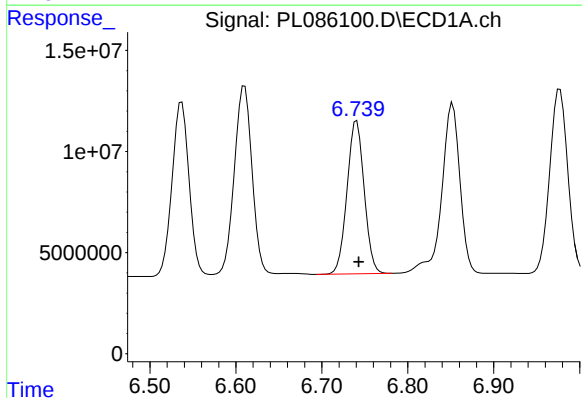
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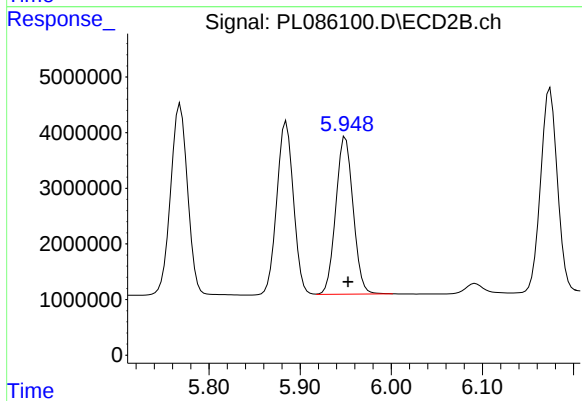
#17 4,4'-DDT

R.T.: 5.885 min  
Delta R.T.: -0.003 min  
Response: 39464345  
Conc: 49.91 ng/ml



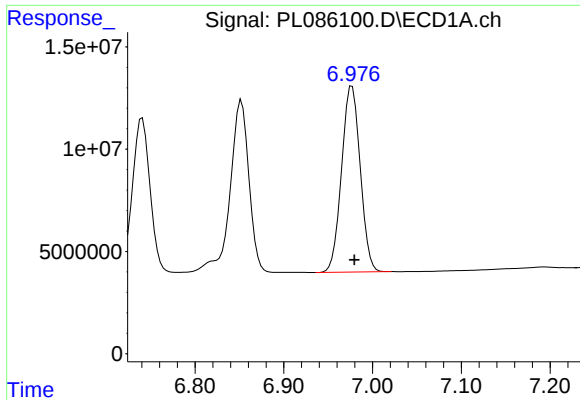
#18 Endrin aldehyde

R.T.: 6.741 min  
Delta R.T.: -0.002 min  
Response: 105123123  
Conc: 51.87 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min  
Delta R.T.: -0.003 min  
Response: 37419850  
Conc: 50.18 ng/ml



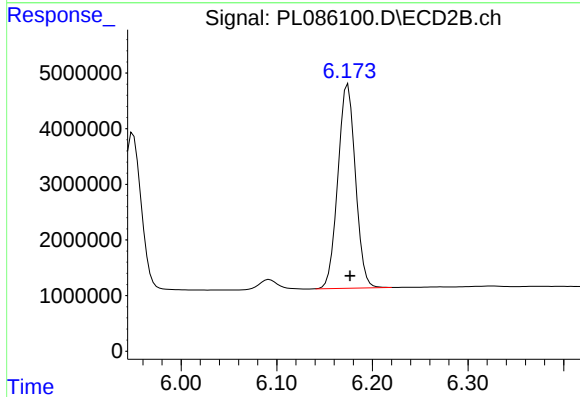
#19 Endosulfan Sulfate

R.T.: 6.977 min  
Delta R.T.: -0.002 min  
Response: 132869195  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB156566BS

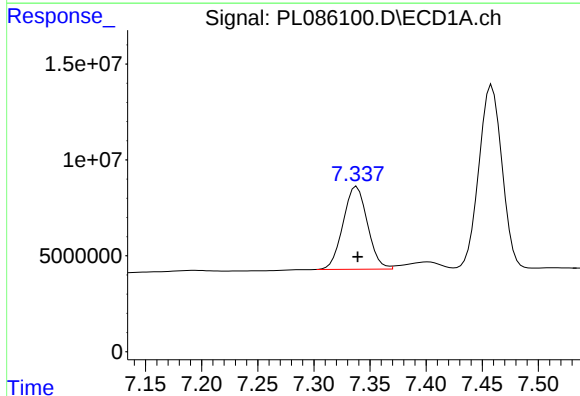
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Reviewed By :Abdul Mirza 10/25/2023  
Supervised By :Ankita Jodhani 10/25/2023



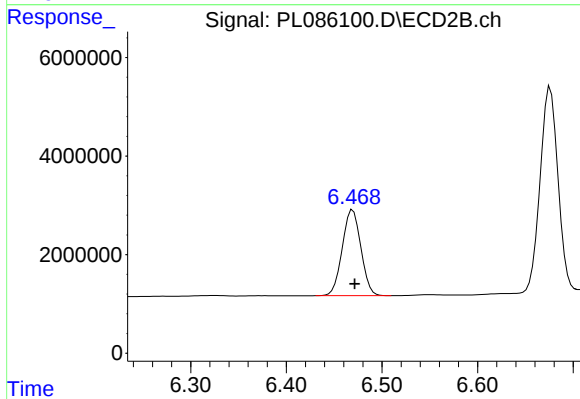
#19 Endosulfan Sulfate

R.T.: 6.174 min  
Delta R.T.: -0.002 min  
Response: 46878550  
Conc: 51.97 ng/ml



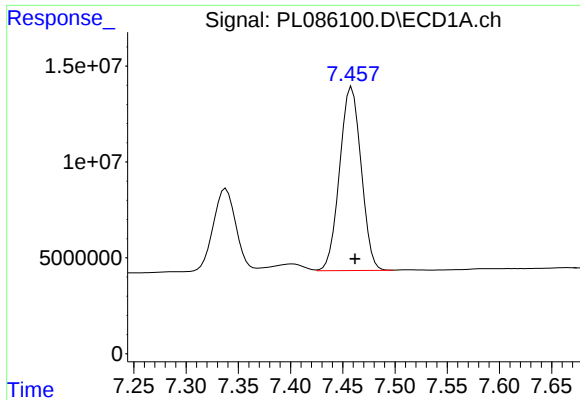
#20 Methoxychlor

R.T.: 7.338 min  
Delta R.T.: -0.001 min  
Response: 65272843  
Conc: 46.74 ng/ml



#20 Methoxychlor

R.T.: 6.470 min  
Delta R.T.: -0.002 min  
Response: 23703670  
Conc: 45.06 ng/ml



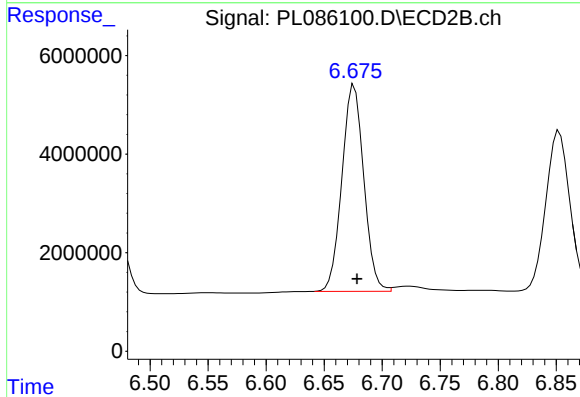
#21 Endrin ketone

R.T.: 7.459 min  
Delta R.T.: -0.003 min  
Response: 137311496  
Conc: 47.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB156566BS

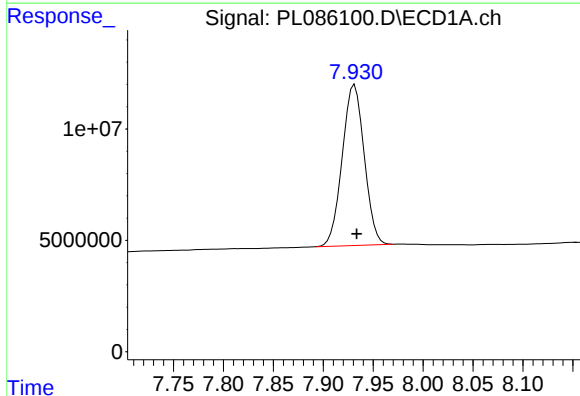
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/25/2023  
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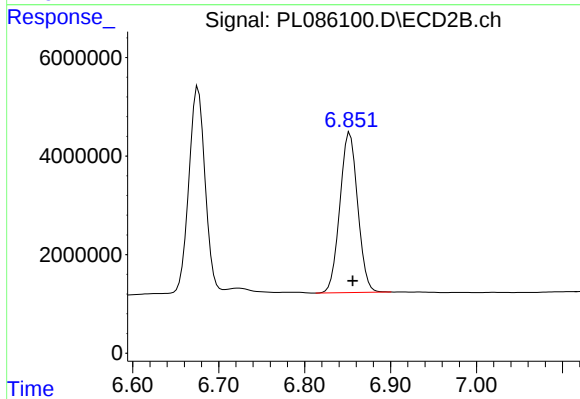
#21 Endrin ketone

R.T.: 6.676 min  
Delta R.T.: -0.002 min  
Response: 55005249  
Conc: 47.86 ng/ml



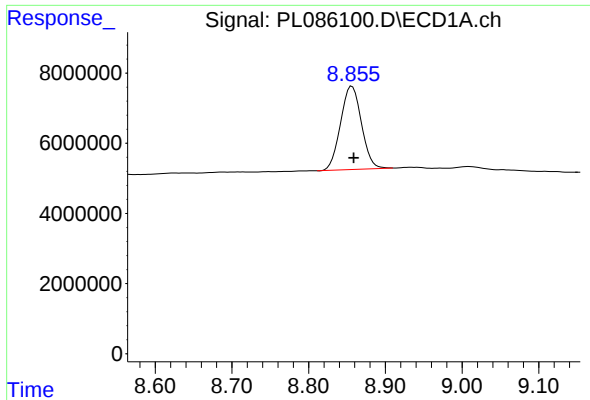
#22 Mirex

R.T.: 7.931 min  
Delta R.T.: -0.002 min  
Response: 110866659  
Conc: 50.08 ng/ml



#22 Mirex

R.T.: 6.853 min  
Delta R.T.: -0.003 min  
Response: 46860803  
Conc: 49.68 ng/ml



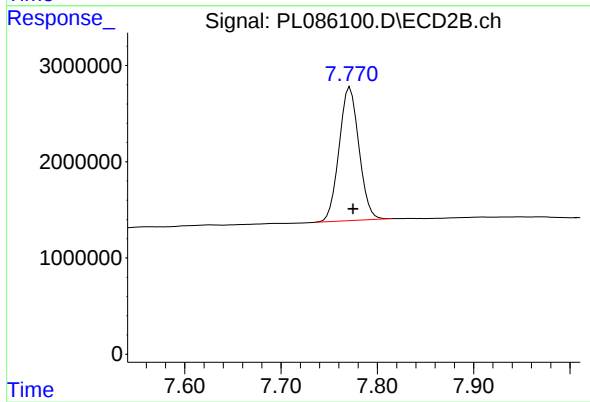
#28 Decachlorobiphenyl

R.T.: 8.856 min  
Delta R.T.: -0.002 min  
Response: 45211778  
Conc: 20.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB156566BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/25/2023  
Supervised By :Ankita Jodhani 10/25/2023



#28 Decachlorobiphenyl

R.T.: 7.772 min  
Delta R.T.: -0.003 min  
Response: 19806686  
Conc: 21.46 ng/ml