

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110122\  
 Data File : PL078697.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Nov 2022 14:30  
 Operator : AR\AJ  
 Sample : PB148721BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB148721BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 11/02/2022  
 Supervised By :Ankita Jodhani 11/02/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 22:15:28 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 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... | 3.322 | 2.569 | 34172185 | 51437216 | 17.919 | 20.146  |
| 28)                         | SA Decachlor... | 8.772 | 7.638 | 30131569 | 42613132 | 20.030 | 22.498  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.783 | 3.056 | 127.3E6  | 191.4E6  | 44.336 | 48.463  |
| 3)                          | MA gamma-BHC... | 4.116 | 3.377 | 117.2E6  | 174.7E6  | 43.862 | 48.615  |
| 4)                          | MA Heptachlor   | 4.686 | 3.704 | 122.2E6  | 177.8E6  | 47.065 | 51.268  |
| 5)                          | MB Aldrin       | 5.025 | 3.975 | 116.8E6  | 182.9E6  | 47.143 | 52.231  |
| 6)                          | B beta-BHC      | 4.331 | 3.676 | 48621489 | 65841491 | 42.207 | 45.888  |
| 7)                          | B delta-BHC     | 4.571 | 3.896 | 97624106 | 175.4E6  | 42.877 | 48.174  |
| 8)                          | B Heptachlo...  | 5.458 | 4.472 | 100.4E6  | 151.2E6  | 47.285 | 50.165  |
| 9)                          | A Endosulfan I  | 5.842 | 4.835 | 94874100 | 141.7E6  | 44.467 | 49.492  |
| 10)                         | B gamma-Chl...  | 5.713 | 4.720 | 102.8E6  | 152.0E6  | 45.532 | 49.611  |
| 11)                         | B alpha-Chl...  | 5.790 | 4.782 | 103.0E6  | 148.1E6  | 44.495 | 49.697  |
| 12)                         | B 4,4'-DDE      | 5.973 | 4.977 | 90769979 | 138.5E6  | 45.354 | 50.868  |
| 13)                         | MA Dieldrin     | 6.120 | 5.096 | 101.6E6  | 153.2E6  | 47.111 | 51.692  |
| 14)                         | MA Endrin       | 6.350 | 5.367 | 92144300 | 141.2E6  | 48.553 | 54.184  |
| 15)                         | B Endosulfa...  | 6.579 | 5.664 | 85263223 | 129.3E6  | 45.446 | 56.794  |
| 16)                         | A 4,4'-DDD      | 6.498 | 5.526 | 72065160 | 113.1E6  | 43.230 | 51.503m |
| 17)                         | MA 4,4'-DDT     | 6.807 | 5.773 | 82944880 | 122.3E6  | 46.278 | 56.390m |
| 18)                         | B Endrin al...  | 6.711 | 5.842 | 70268263 | 102.4E6  | 48.292 | 54.554  |
| 19)                         | B Endosulfa...  | 6.944 | 6.065 | 83645854 | 125.7E6  | 45.461 | 52.795  |
| 20)                         | A Methoxychlor  | 7.292 | 6.351 | 43973800 | 63337466 | 47.752 | 55.814  |
| 21)                         | B Endrin ke...  | 7.430 | 6.561 | 85422888 | 135.5E6  | 45.404 | 52.430  |
| 22)                         | Mirex           | 7.888 | 6.733 | 68195271 | 100.6E6  | 46.715 | 51.119  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110122\  
Data File : PL078697.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Nov 2022 14:30  
Operator : AR\AJ  
Sample : PB148721BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

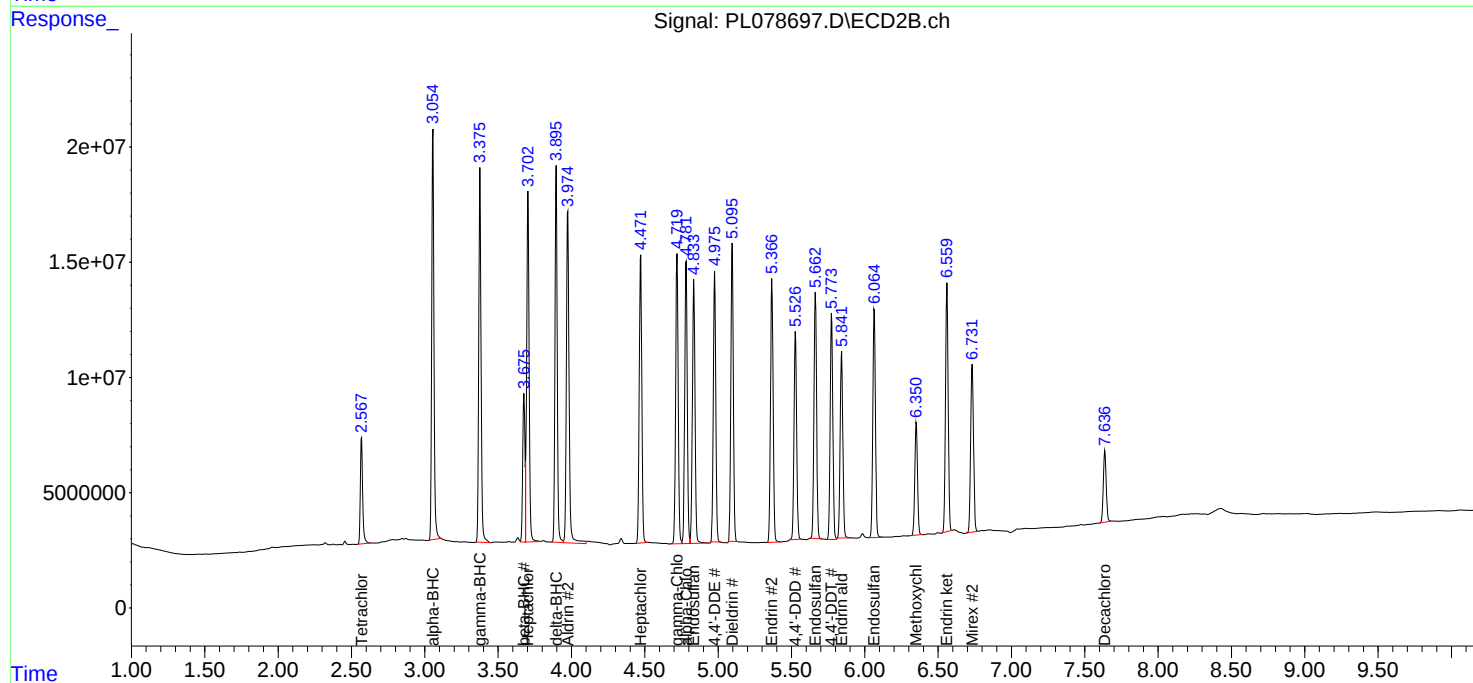
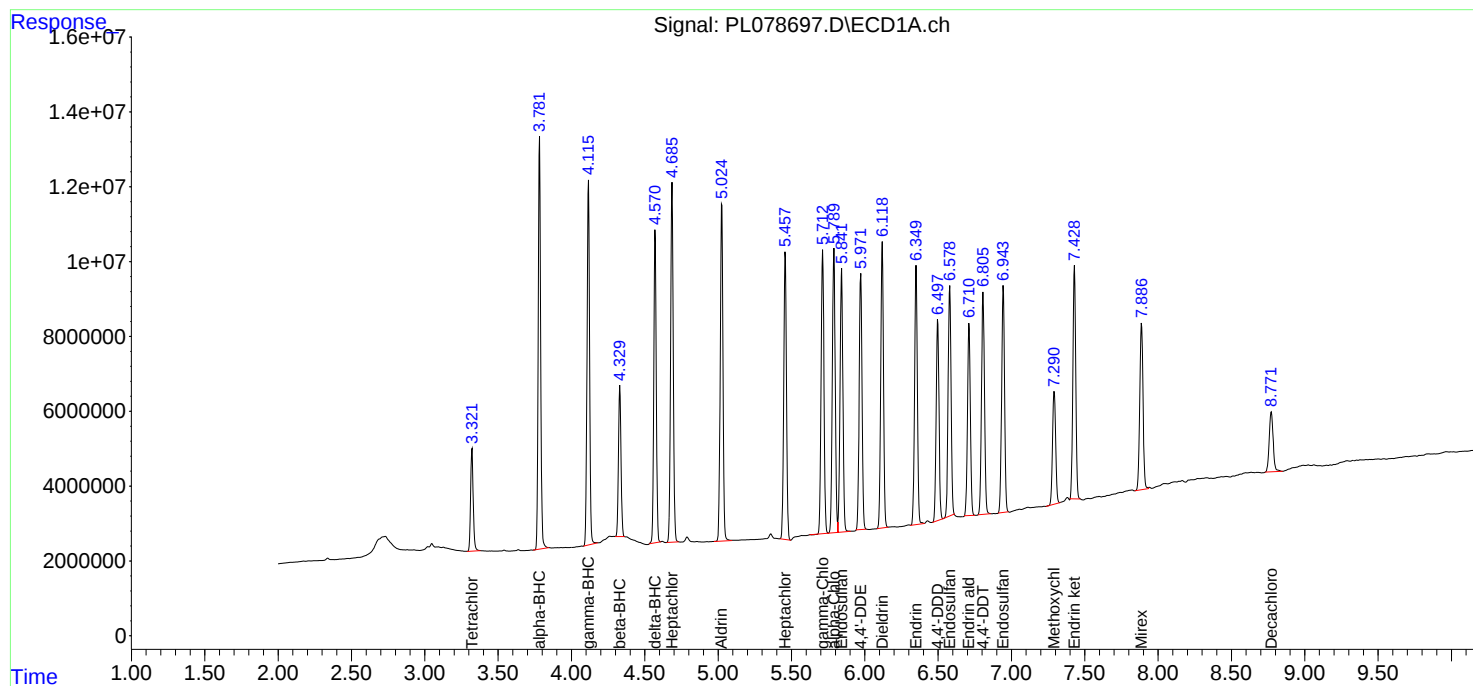
Instrument :  
ECD\_L  
ClientSampleId :  
PB148721BS

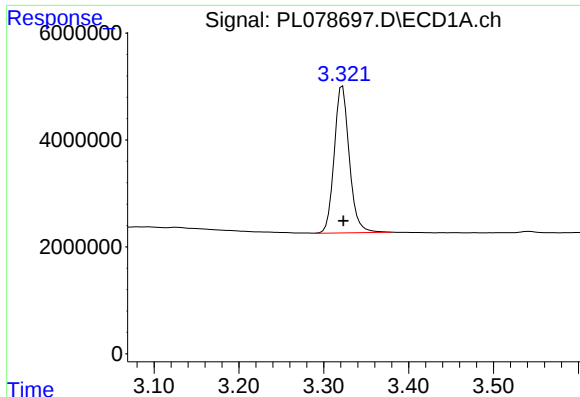
Manual Integrations  
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Reviewed By : Abdul Mirza 11/02/2022  
Supervised By : Ankita Jodhani 11/02/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 01 22:15:28 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 07:08:41 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





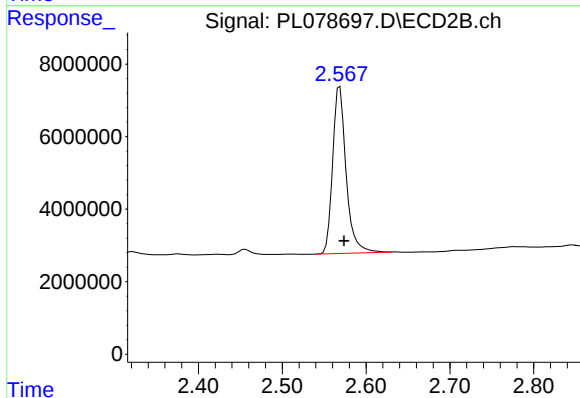
#1 Tetrachloro-m-xylene

R.T.: 3.322 min  
Delta R.T.: 0.000 min  
Response: 34172185  
Conc: 17.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148721BS

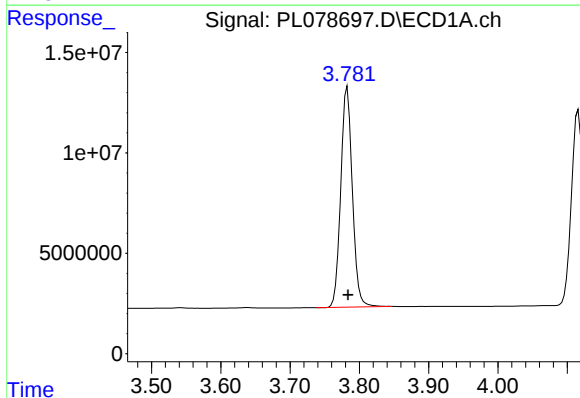
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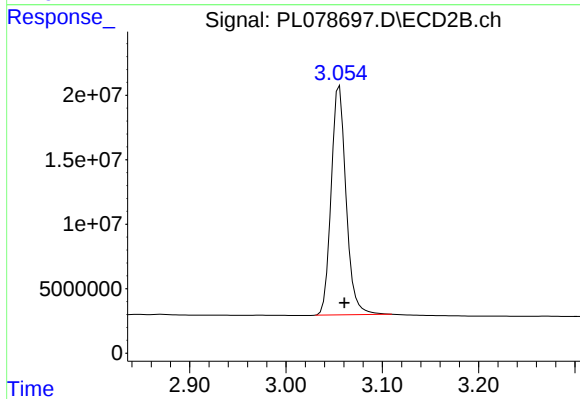
#1 Tetrachloro-m-xylene

R.T.: 2.569 min  
Delta R.T.: -0.005 min  
Response: 51437216  
Conc: 20.15 ng/ml



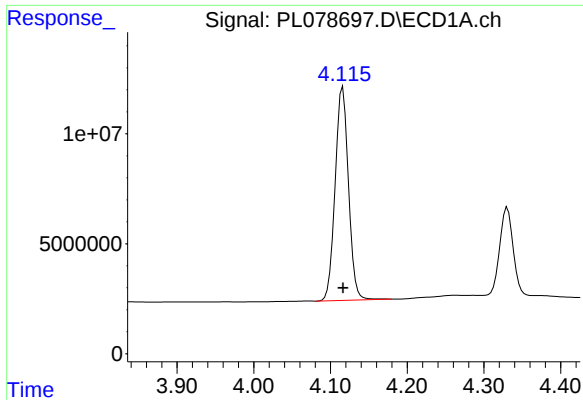
#2 alpha-BHC

R.T.: 3.783 min  
Delta R.T.: -0.001 min  
Response: 127306198  
Conc: 44.34 ng/ml



#2 alpha-BHC

R.T.: 3.056 min  
Delta R.T.: -0.005 min  
Response: 191380419  
Conc: 48.46 ng/ml



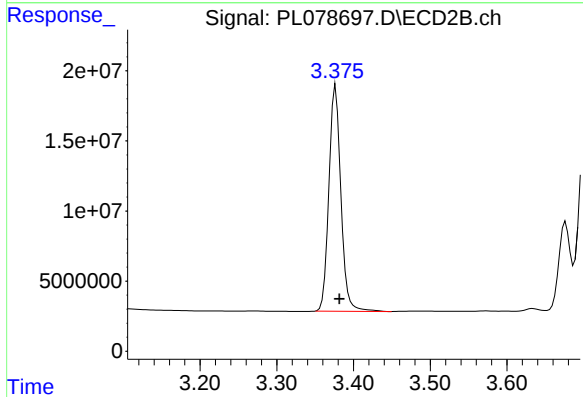
#3 gamma-BHC (Lindane)

R.T.: 4.116 min  
Delta R.T.: 0.000 min  
Response: 117186643  
Conc: 43.86 ng/ml

Instrument :  
ECD\_L  
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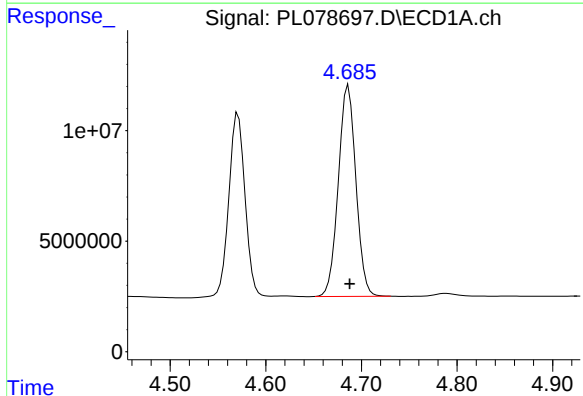
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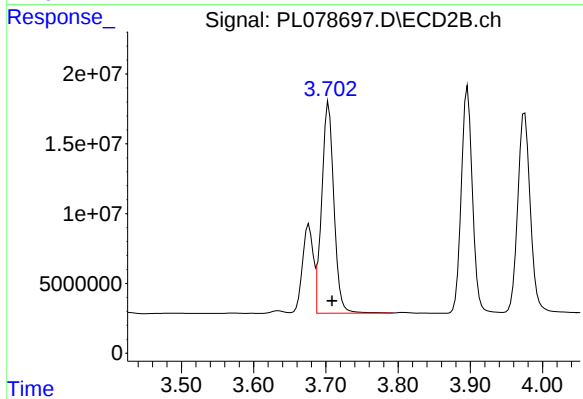
#3 gamma-BHC (Lindane)

R.T.: 3.377 min  
Delta R.T.: -0.005 min  
Response: 174730562  
Conc: 48.61 ng/ml



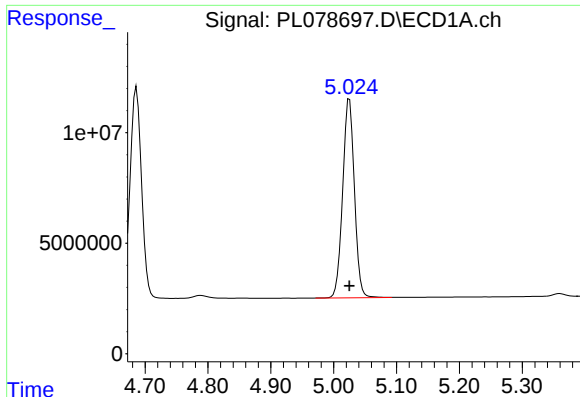
#4 Heptachlor

R.T.: 4.686 min  
Delta R.T.: -0.001 min  
Response: 122181596  
Conc: 47.07 ng/ml



#4 Heptachlor

R.T.: 3.704 min  
Delta R.T.: -0.005 min  
Response: 177789052  
Conc: 51.27 ng/ml



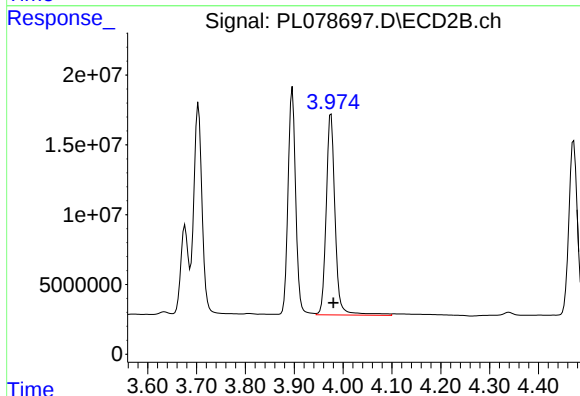
#5 Aldrin

R.T.: 5.025 min  
Delta R.T.: 0.000 min  
Response: 116760304  
Conc: 47.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148721BS

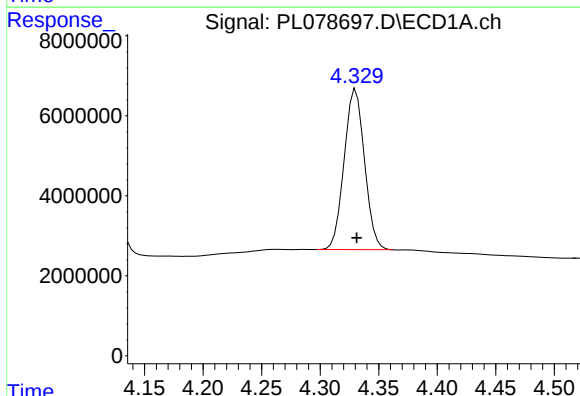
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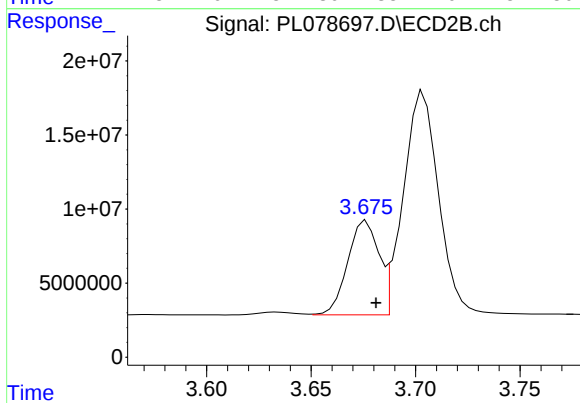
#5 Aldrin

R.T.: 3.975 min  
Delta R.T.: -0.005 min  
Response: 182898659  
Conc: 52.23 ng/ml



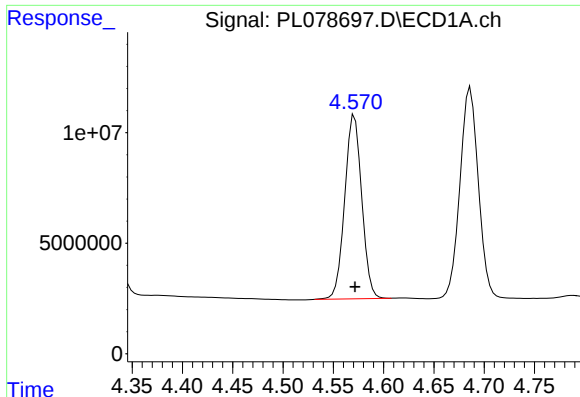
#6 beta-BHC

R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 48621489  
Conc: 42.21 ng/ml



#6 beta-BHC

R.T.: 3.676 min  
Delta R.T.: -0.005 min  
Response: 65841491  
Conc: 45.89 ng/ml



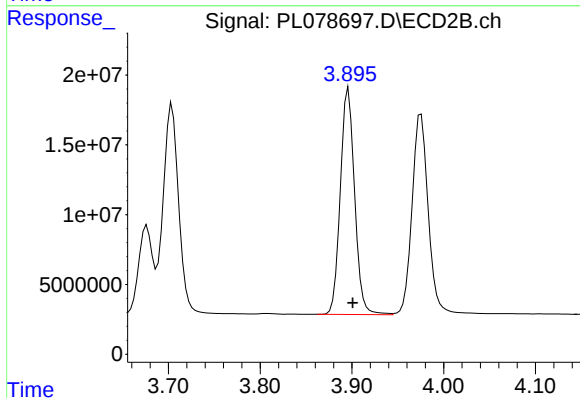
#7 delta-BHC

R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 97624106  
Conc: 42.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148721BS

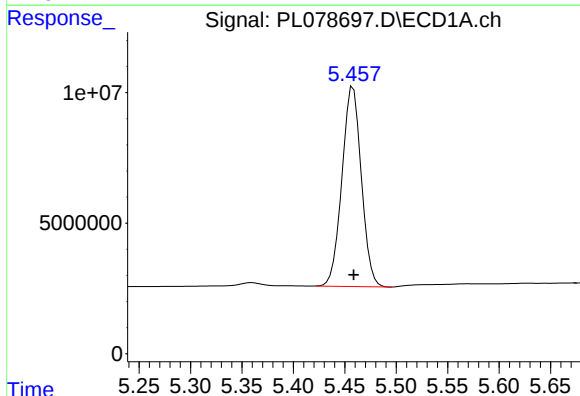
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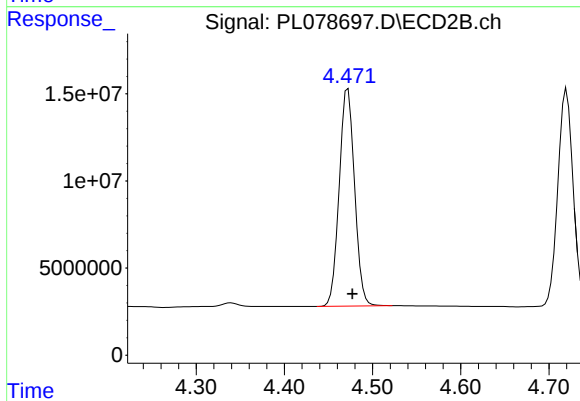
#7 delta-BHC

R.T.: 3.896 min  
Delta R.T.: -0.005 min  
Response: 175418538  
Conc: 48.17 ng/ml



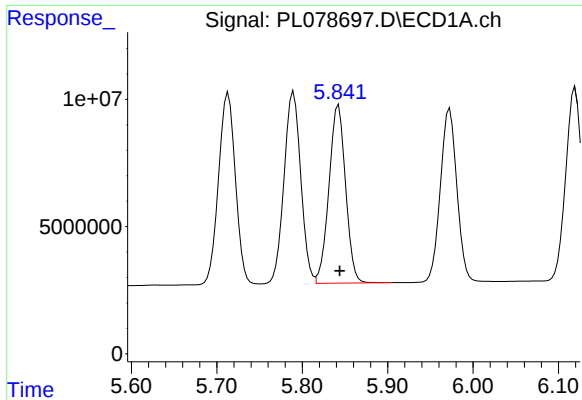
#8 Heptachlor epoxide

R.T.: 5.458 min  
Delta R.T.: 0.000 min  
Response: 100387680  
Conc: 47.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.472 min  
Delta R.T.: -0.005 min  
Response: 151159879  
Conc: 50.17 ng/ml



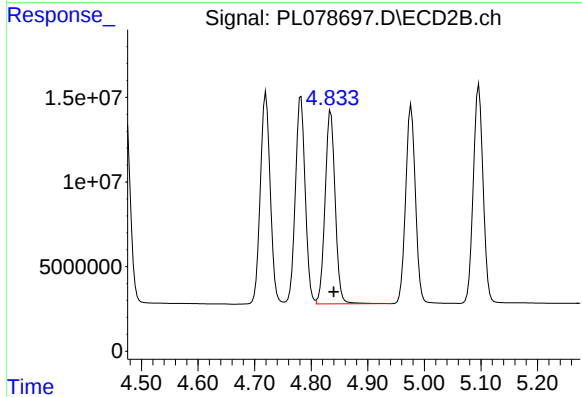
#9 Endosulfan I

R.T.: 5.842 min  
Delta R.T.: -0.001 min  
Response: 94874100  
Conc: 44.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148721BS

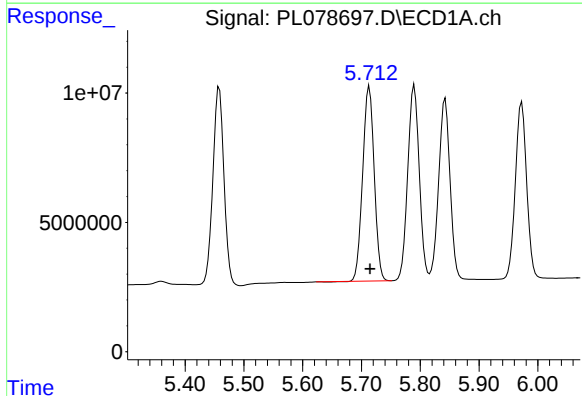
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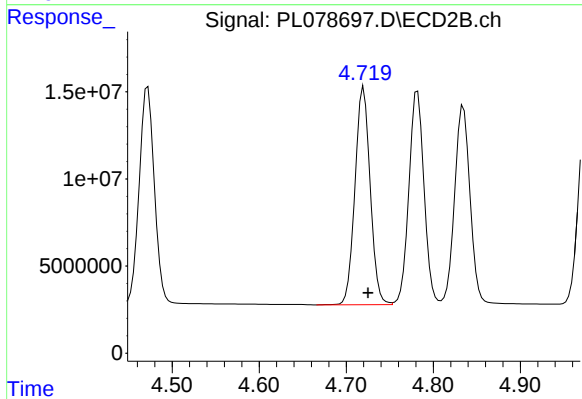
#9 Endosulfan I

R.T.: 4.835 min  
Delta R.T.: -0.005 min  
Response: 141677382  
Conc: 49.49 ng/ml



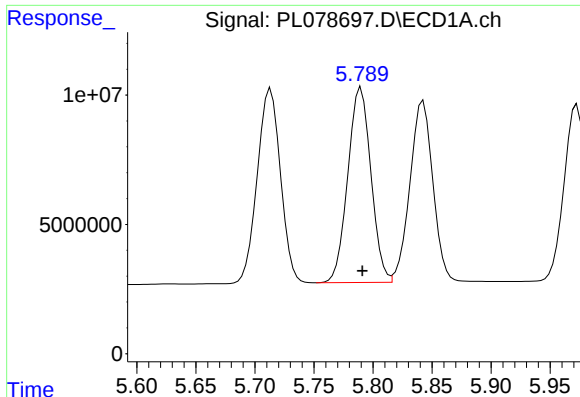
#10 gamma-Chlordane

R.T.: 5.713 min  
Delta R.T.: -0.001 min  
Response: 102771433  
Conc: 45.53 ng/ml



#10 gamma-Chlordane

R.T.: 4.720 min  
Delta R.T.: -0.005 min  
Response: 152030624  
Conc: 49.61 ng/ml



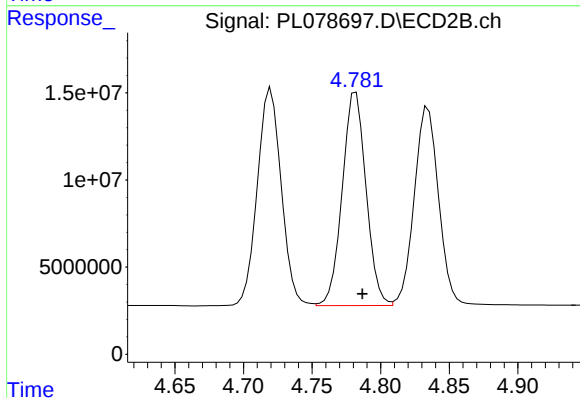
#11 alpha-Chlordane

R.T.: 5.790 min  
Delta R.T.: -0.001 min  
Response: 102951400  
Conc: 44.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148721BS

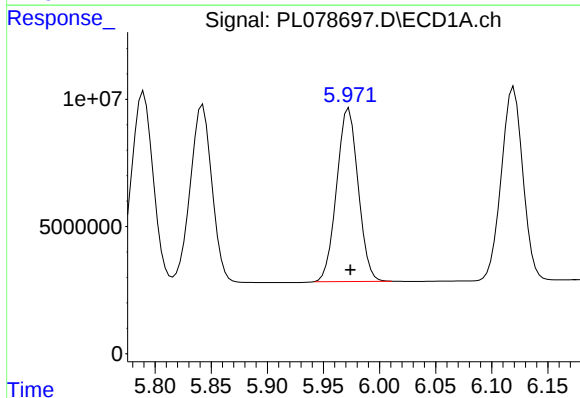
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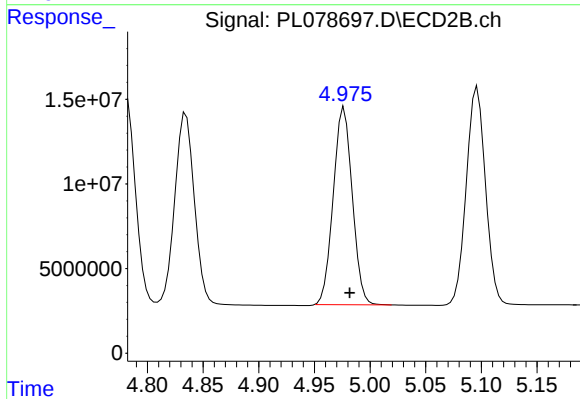
#11 alpha-Chlordane

R.T.: 4.782 min  
Delta R.T.: -0.005 min  
Response: 148117174  
Conc: 49.70 ng/ml



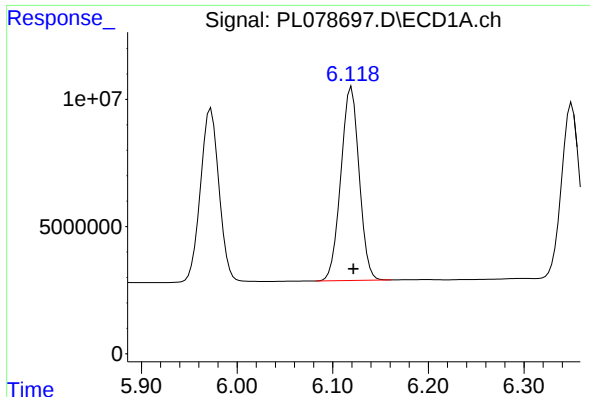
#12 4,4'-DDE

R.T.: 5.973 min  
Delta R.T.: -0.001 min  
Response: 90769979  
Conc: 45.35 ng/ml



#12 4,4'-DDE

R.T.: 4.977 min  
Delta R.T.: -0.005 min  
Response: 138489823  
Conc: 50.87 ng/ml



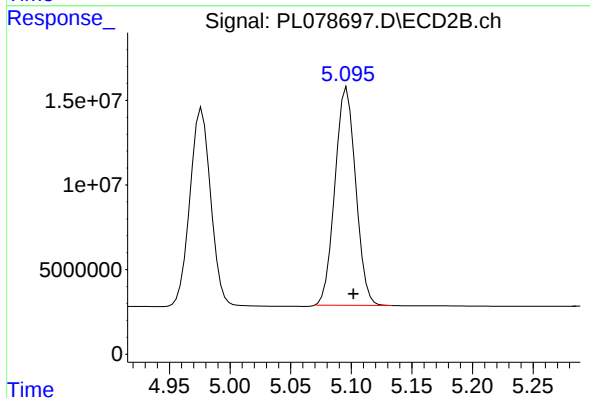
#13 Dieldrin

R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 101595756  
Conc: 47.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148721BS

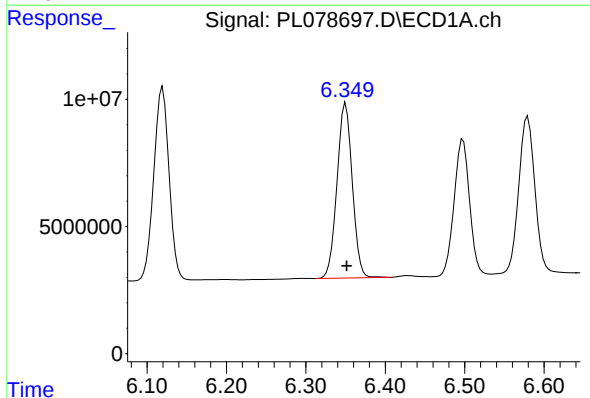
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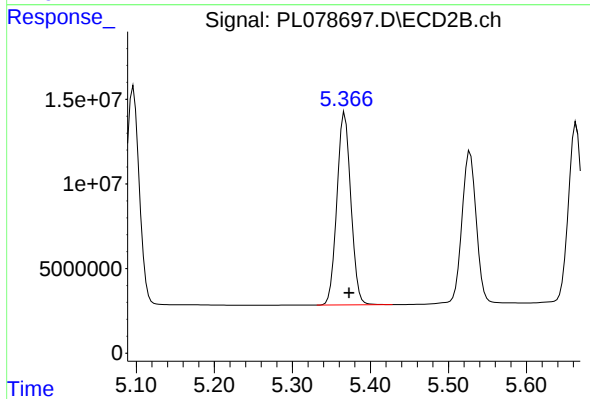
#13 Dieldrin

R.T.: 5.096 min  
Delta R.T.: -0.005 min  
Response: 153166977  
Conc: 51.69 ng/ml



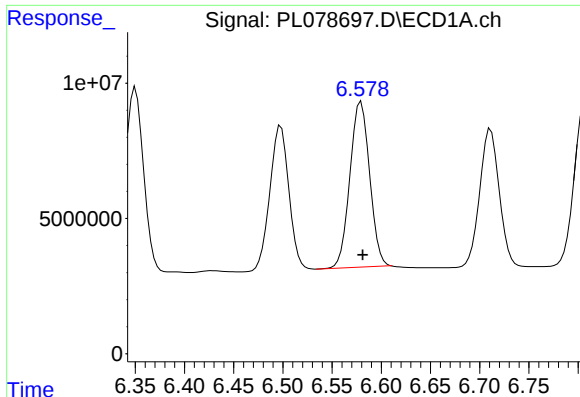
#14 Endrin

R.T.: 6.350 min  
Delta R.T.: -0.001 min  
Response: 92144300  
Conc: 48.55 ng/ml



#14 Endrin

R.T.: 5.367 min  
Delta R.T.: -0.005 min  
Response: 141161967  
Conc: 54.18 ng/ml



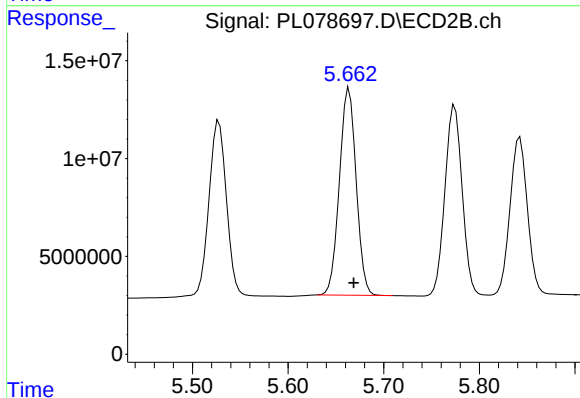
#15 Endosulfan II

R.T.: 6.579 min  
Delta R.T.: -0.002 min  
Response: 85263223  
Conc: 45.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148721BS

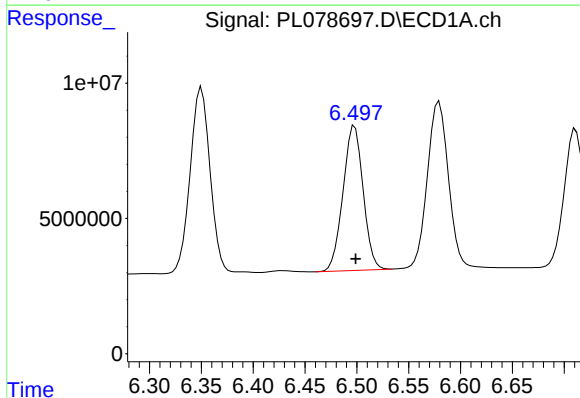
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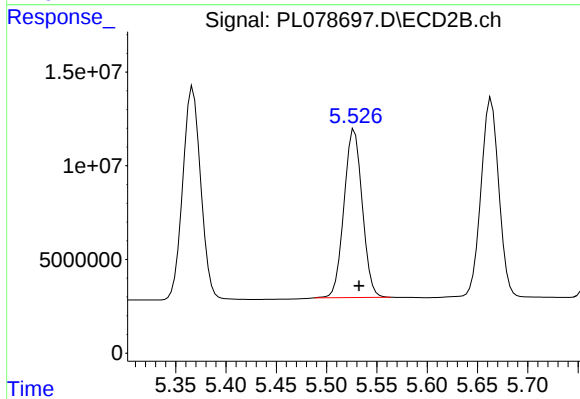
#15 Endosulfan II

R.T.: 5.664 min  
Delta R.T.: -0.005 min  
Response: 129278072  
Conc: 56.79 ng/ml



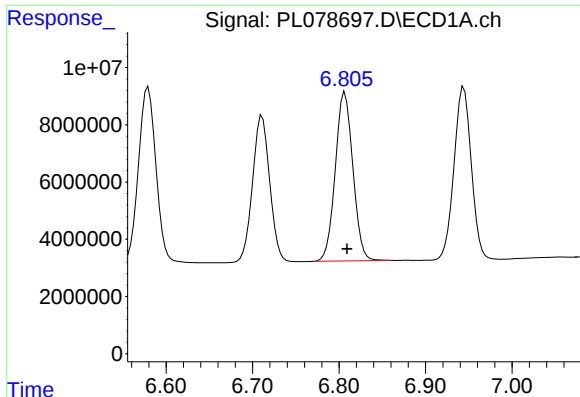
#16 4,4'-DDD

R.T.: 6.498 min  
Delta R.T.: -0.001 min  
Response: 72065160  
Conc: 43.23 ng/ml



#16 4,4'-DDD

R.T.: 5.526 min  
Delta R.T.: -0.006 min  
Response: 113120471  
Conc: 51.50 ng/ml m



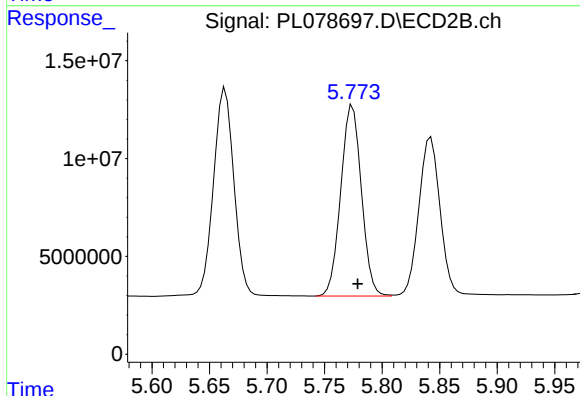
#17 4,4'-DDT

R.T.: 6.807 min  
Delta R.T.: -0.003 min  
Response: 82944880  
Conc: 46.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148721BS

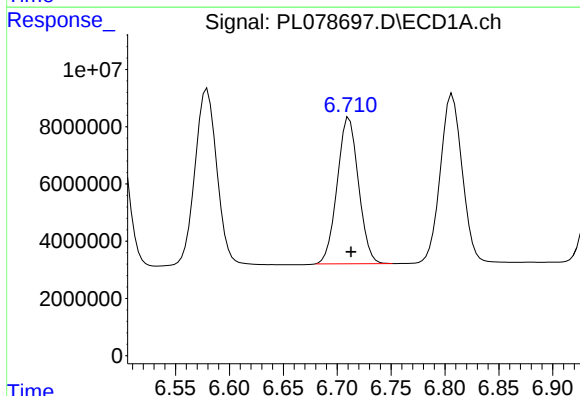
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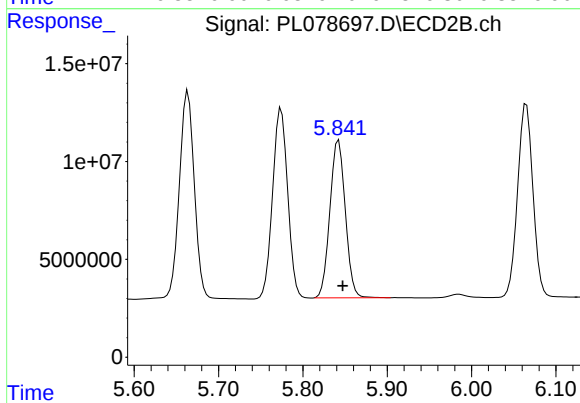
#17 4,4'-DDT

R.T.: 5.773 min  
Delta R.T.: -0.006 min  
Response: 122317344  
Conc: 56.39 ng/ml m



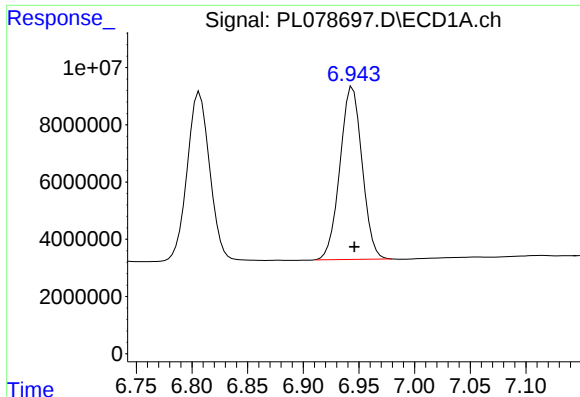
#18 Endrin aldehyde

R.T.: 6.711 min  
Delta R.T.: -0.002 min  
Response: 70268263  
Conc: 48.29 ng/ml



#18 Endrin aldehyde

R.T.: 5.842 min  
Delta R.T.: -0.005 min  
Response: 102386317  
Conc: 54.55 ng/ml



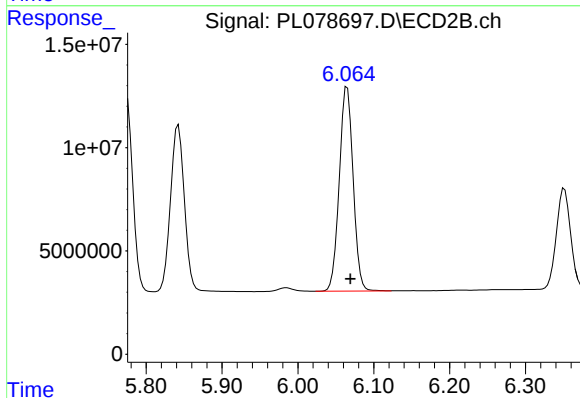
#19 Endosulfan Sulfate

R.T.: 6.944 min  
Delta R.T.: -0.002 min  
Response: 83645854  
Conc: 45.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148721BS

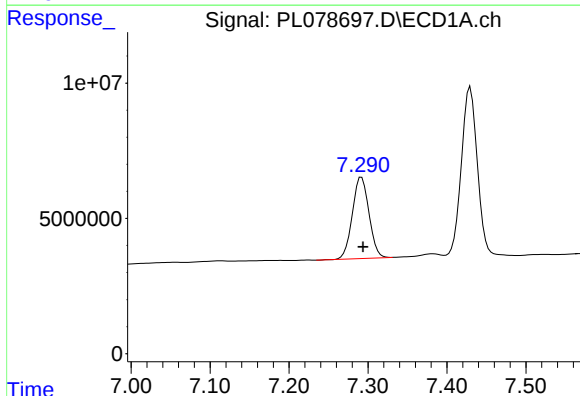
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Supervised By :Ankita Jodhani 11/02/2022



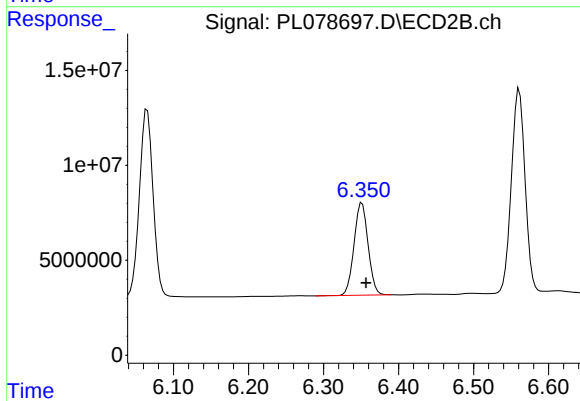
#19 Endosulfan Sulfate

R.T.: 6.065 min  
Delta R.T.: -0.004 min  
Response: 125677494  
Conc: 52.79 ng/ml



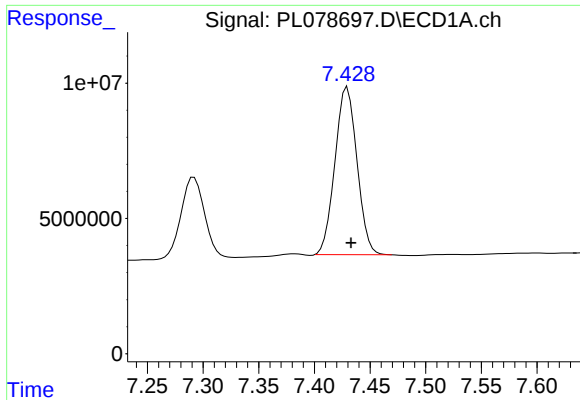
#20 Methoxychlor

R.T.: 7.292 min  
Delta R.T.: -0.002 min  
Response: 43973800  
Conc: 47.75 ng/ml



#20 Methoxychlor

R.T.: 6.351 min  
Delta R.T.: -0.005 min  
Response: 63337466  
Conc: 55.81 ng/ml



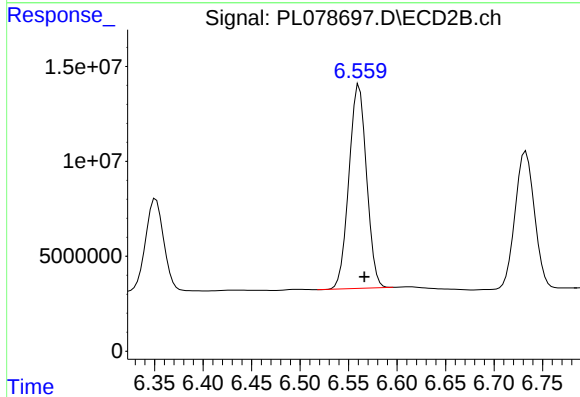
#21 Endrin ketone

R.T.: 7.430 min  
Delta R.T.: -0.003 min  
Response: 85422888  
Conc: 45.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148721BS

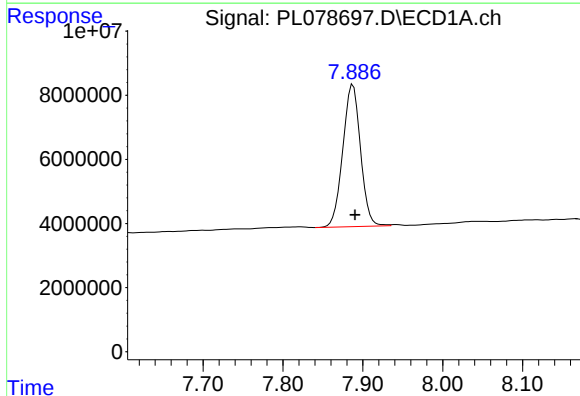
Manual Integrations  
APPROVED

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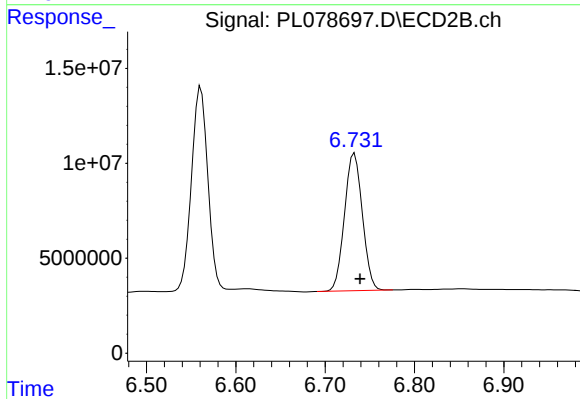
#21 Endrin ketone

R.T.: 6.561 min  
Delta R.T.: -0.005 min  
Response: 135516860  
Conc: 52.43 ng/ml



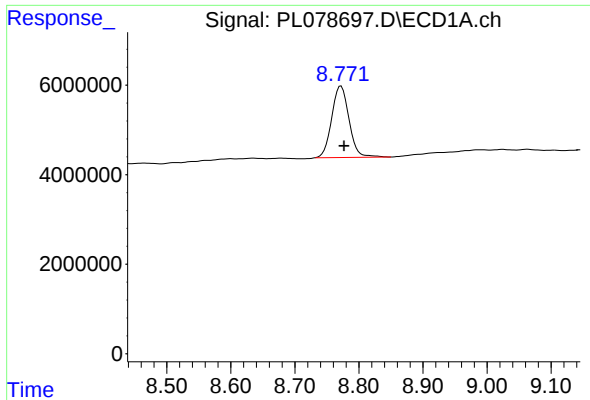
#22 Mirex

R.T.: 7.888 min  
Delta R.T.: -0.003 min  
Response: 68195271  
Conc: 46.71 ng/ml



#22 Mirex

R.T.: 6.733 min  
Delta R.T.: -0.006 min  
Response: 100601170  
Conc: 51.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.772 min  
Delta R.T.: -0.004 min  
Response: 30131569  
Conc: 20.03 ng/ml

Instrument :

ECD\_L

ClientSampleId :

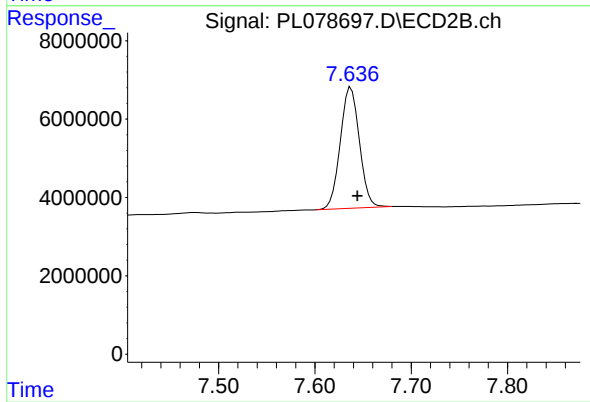
PB148721BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.638 min  
Delta R.T.: -0.007 min  
Response: 42613132  
Conc: 22.50 ng/ml