

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010323\  
 Data File : PL080022.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2023 10:34  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/04/2023  
 Supervised By :Ankita Jodhani 01/04/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 03 20:25:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 30 05:17:19 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... | 3.372 | 2.694 | 60383909 | 86412862 | 43.528 | 47.029  |
| 28)                         | SA Decachlor... | 8.825 | 7.855 | 66427940 | 82895148 | 47.250 | 49.574  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.821 | 3.196 | 84543415 | 119.9E6  | 44.111 | 47.744  |
| 3)                          | MA gamma-BHC... | 4.151 | 3.525 | 78372552 | 111.4E6  | 44.955 | 46.629  |
| 4)                          | MA Heptachlor   | 4.736 | 3.868 | 86022164 | 111.5E6  | 47.924 | 51.858  |
| 5)                          | MB Aldrin       | 5.075 | 4.149 | 80016757 | 109.7E6  | 47.865 | 47.873  |
| 6)                          | B beta-BHC      | 4.346 | 3.820 | 35922808 | 49448226 | 42.413 | 46.090  |
| 7)                          | B delta-BHC     | 4.590 | 4.051 | 78003563 | 106.4E6  | 46.060 | 46.498  |
| 8)                          | B Heptachlo...  | 5.500 | 4.652 | 78623100 | 101.6E6  | 47.806 | 48.069  |
| 9)                          | A Endosulfan I  | 5.882 | 5.021 | 75529061 | 96974605 | 48.454 | 47.372  |
| 10)                         | B gamma-Chl...  | 5.754 | 4.903 | 79695359 | 104.2E6  | 46.483 | 48.445  |
| 11)                         | B alpha-Chl...  | 5.834 | 4.968 | 80090292 | 104.6E6  | 48.197 | 48.954  |
| 12)                         | B 4,4'-DDE      | 6.012 | 5.161 | 71621602 | 83446444 | 48.544 | 45.813  |
| 13)                         | MA Dieldrin     | 6.157 | 5.287 | 77709594 | 99053765 | 47.572 | 49.060  |
| 14)                         | MA Endrin       | 6.384 | 5.561 | 68254482 | 73082115 | 52.039 | 47.218  |
| 15)                         | B Endosulfa...  | 6.603 | 5.856 | 70400097 | 79745742 | 47.876 | 45.921  |
| 16)                         | A 4,4'-DDD      | 6.527 | 5.715 | 61585443 | 71418581 | 49.118 | 46.877  |
| 17)                         | MA 4,4'-DDT     | 6.841 | 5.968 | 65676200 | 66976196 | 51.777 | 50.990  |
| 18)                         | B Endrin al...  | 6.734 | 6.036 | 53758473 | 66758267 | 49.178 | 49.615  |
| 19)                         | B Endosulfa...  | 6.968 | 6.259 | 70059641 | 83127643 | 48.398 | 47.719  |
| 20)                         | A Methoxychlor  | 7.321 | 6.548 | 37222976 | 40142513 | 52.518 | 52.128  |
| 21)                         | B Endrin ke...  | 7.448 | 6.765 | 74018998 | 89509414 | 48.817 | 48.487  |
| 22)                         | Mirex           | 7.921 | 6.950 | 63121486 | 79910815 | 48.016 | 51.899m |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010323\  
 Data File : PL080022.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2023 10:34  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

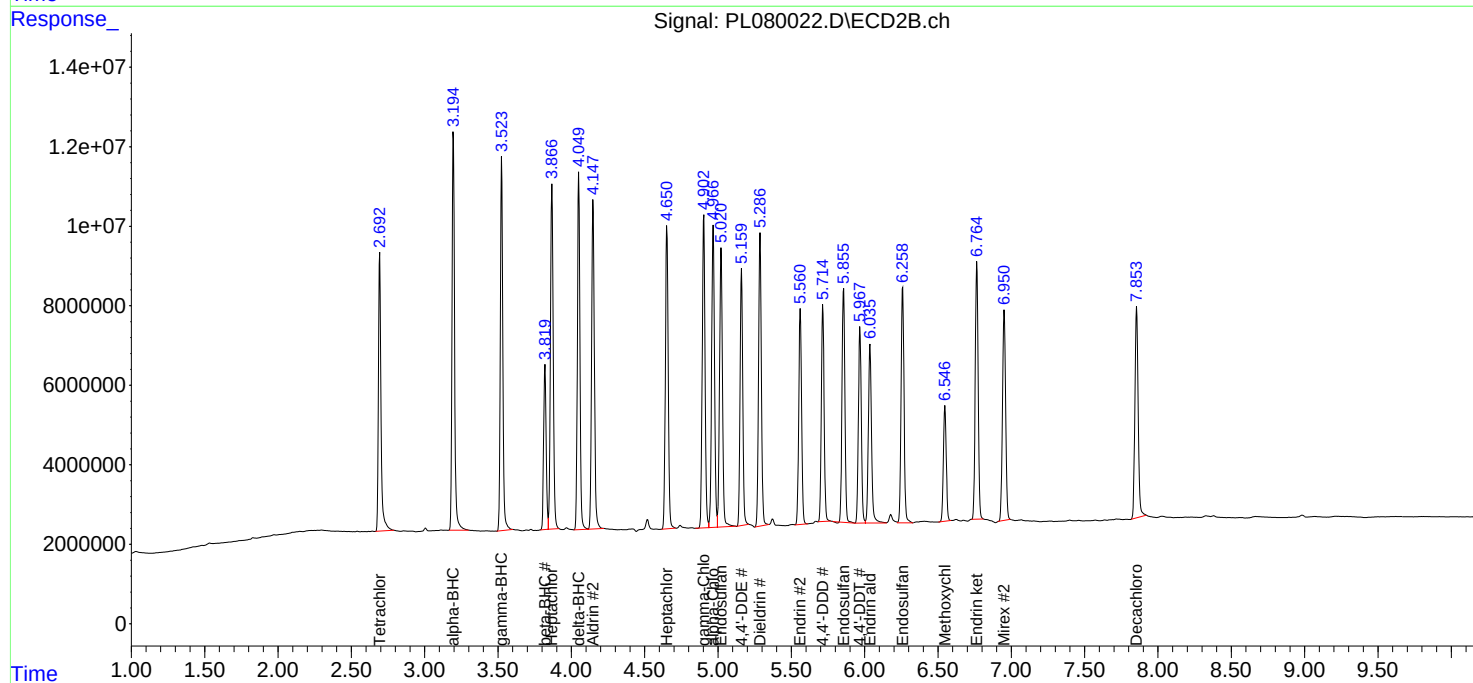
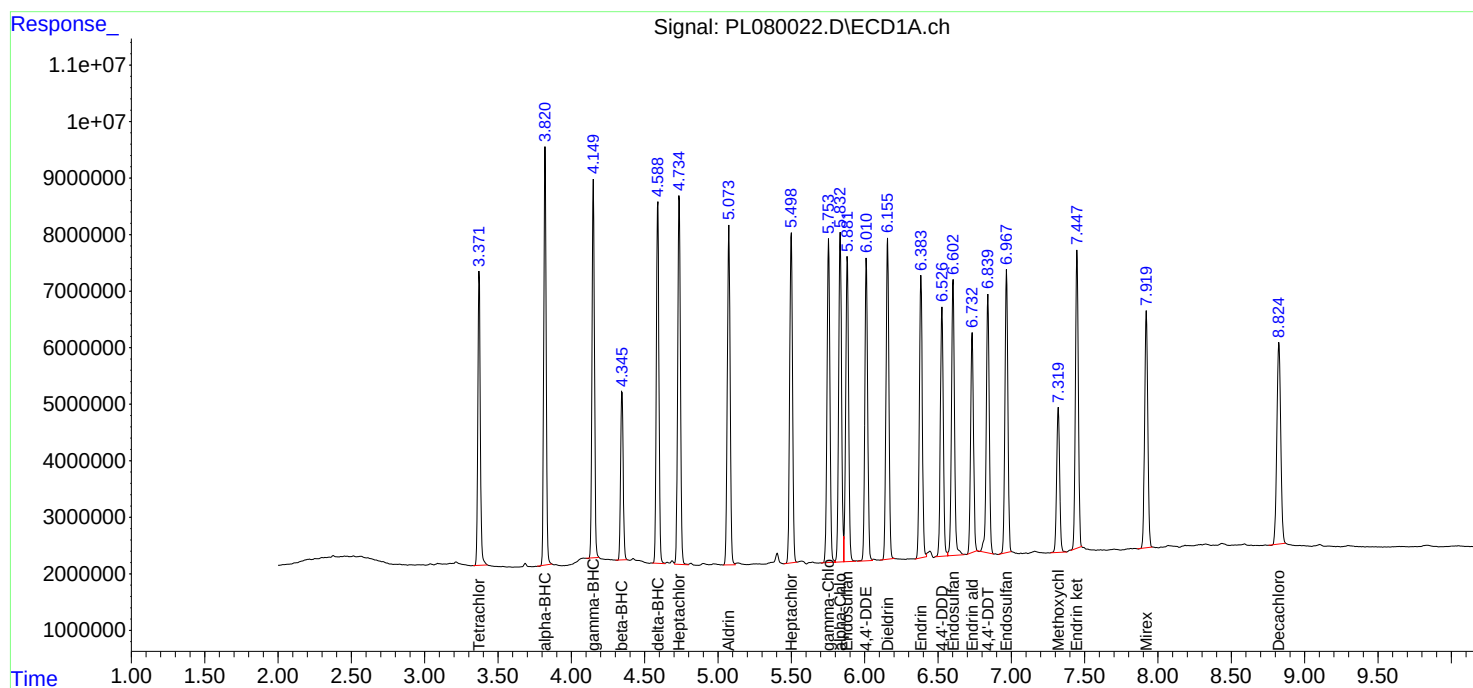
## APPROVED

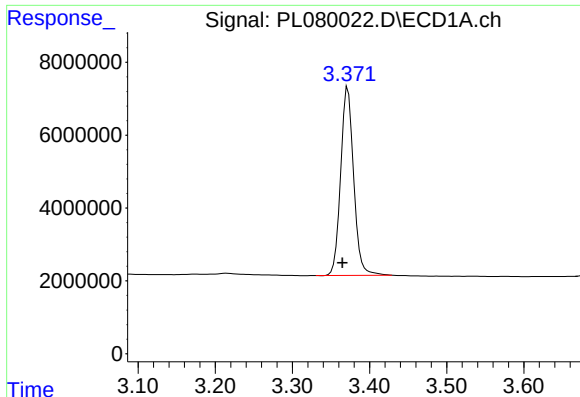
Reviewed By :Abdul Mirza 01/04/2023

Supervised By :Ankita Jodhani 01/04/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 03 20:25:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 30 05:17:19 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





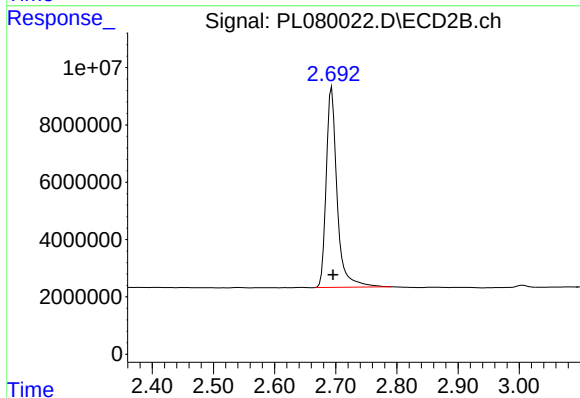
#1 Tetrachloro-m-xylene

R.T.: 3.372 min  
Delta R.T.: 0.007 min  
Response: 60383909  
Conc: 43.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

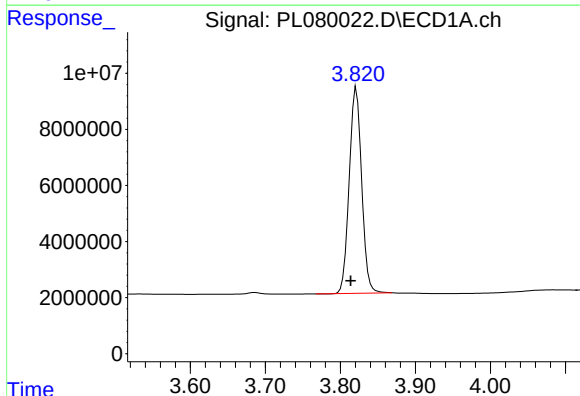
Manual Integrations  
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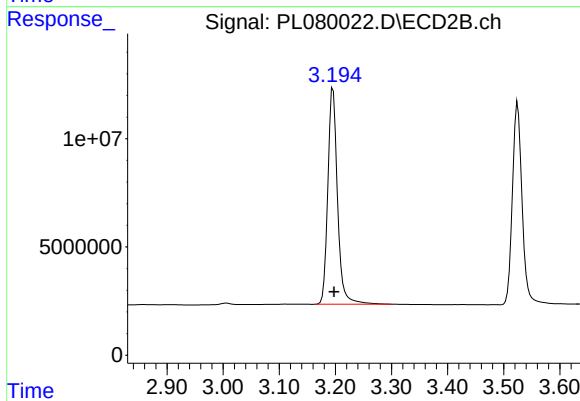
#1 Tetrachloro-m-xylene

R.T.: 2.694 min  
Delta R.T.: -0.002 min  
Response: 86412862  
Conc: 47.03 ng/ml



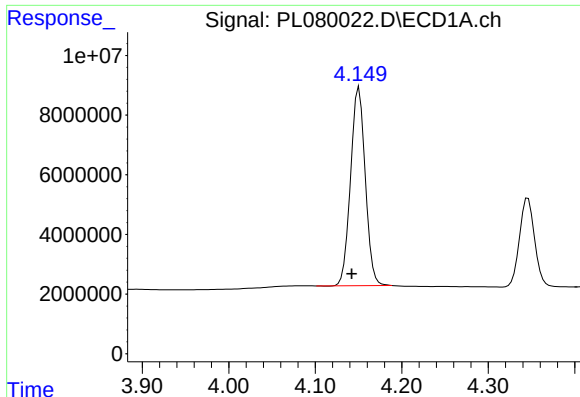
#2 alpha-BHC

R.T.: 3.821 min  
Delta R.T.: 0.007 min  
Response: 84543415  
Conc: 44.11 ng/ml



#2 alpha-BHC

R.T.: 3.196 min  
Delta R.T.: -0.002 min  
Response: 119850196  
Conc: 47.74 ng/ml



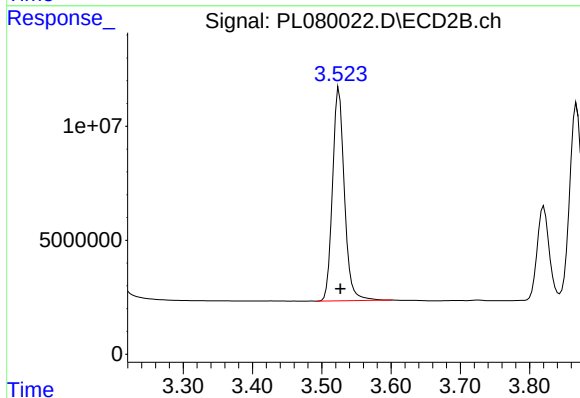
#3 gamma-BHC (Lindane)

R.T.: 4.151 min  
Delta R.T.: 0.009 min  
Response: 78372552  
Conc: 44.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

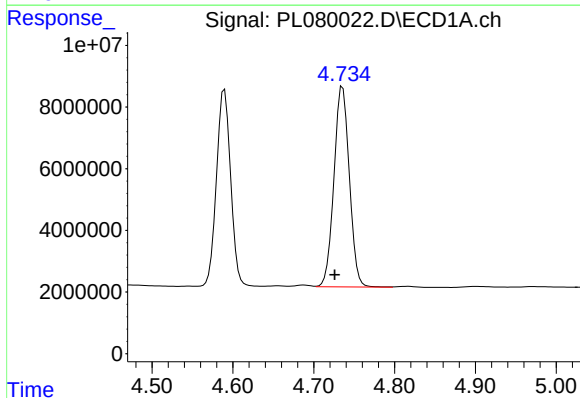
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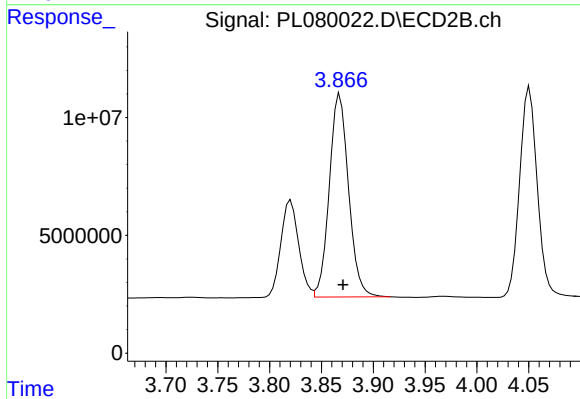
#3 gamma-BHC (Lindane)

R.T.: 3.525 min  
Delta R.T.: -0.002 min  
Response: 111381881  
Conc: 46.63 ng/ml



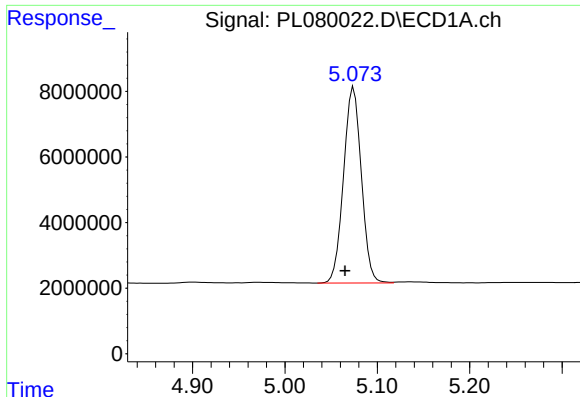
#4 Heptachlor

R.T.: 4.736 min  
Delta R.T.: 0.010 min  
Response: 86022164  
Conc: 47.92 ng/ml



#4 Heptachlor

R.T.: 3.868 min  
Delta R.T.: -0.003 min  
Response: 111456563  
Conc: 51.86 ng/ml



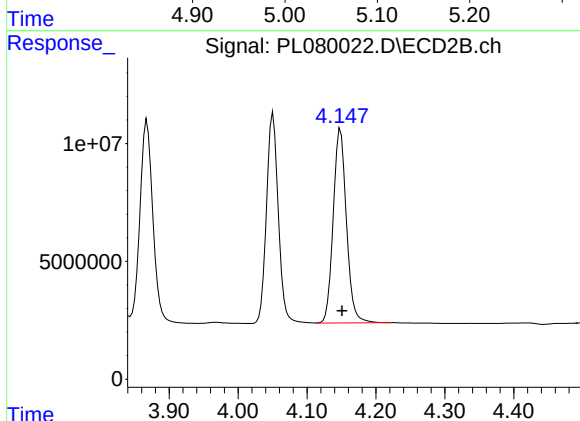
#5 Aldrin

R.T.: 5.075 min  
Delta R.T.: 0.010 min  
Response: 80016757  
Conc: 47.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

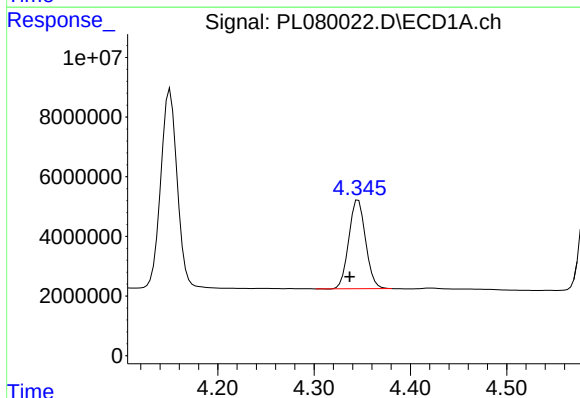
Manual Integrations  
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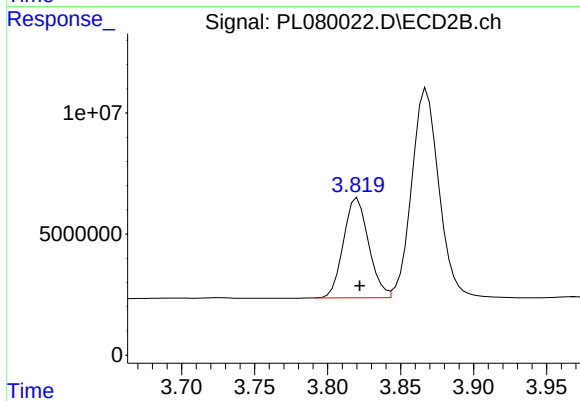
#5 Aldrin

R.T.: 4.149 min  
Delta R.T.: -0.002 min  
Response: 109720364  
Conc: 47.87 ng/ml



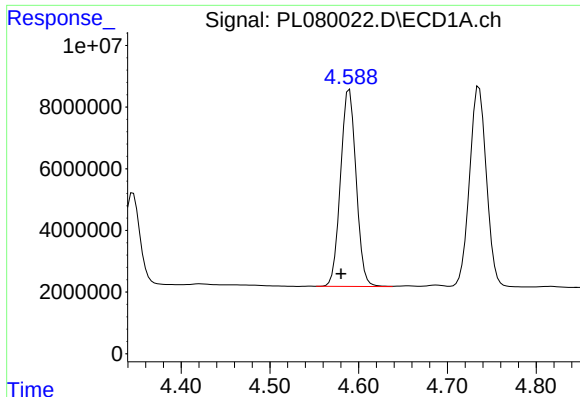
#6 beta-BHC

R.T.: 4.346 min  
Delta R.T.: 0.009 min  
Response: 35922808  
Conc: 42.41 ng/ml



#6 beta-BHC

R.T.: 3.820 min  
Delta R.T.: -0.002 min  
Response: 49448226  
Conc: 46.09 ng/ml



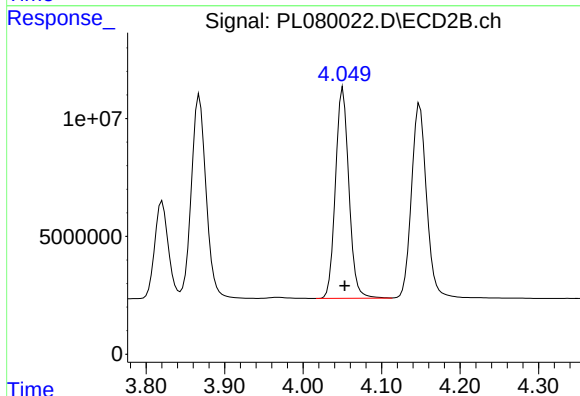
#7 delta-BHC

R.T.: 4.590 min  
Delta R.T.: 0.010 min  
Response: 78003563  
Conc: 46.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

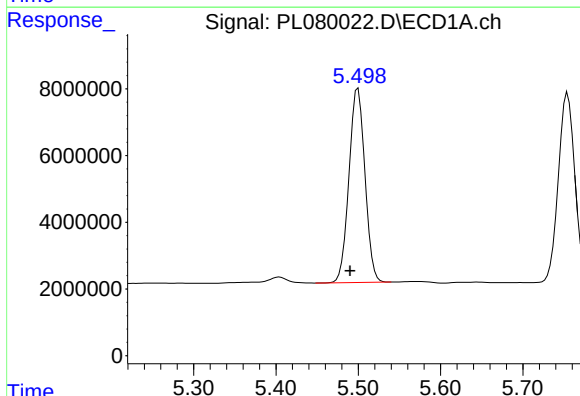
Manual Integrations  
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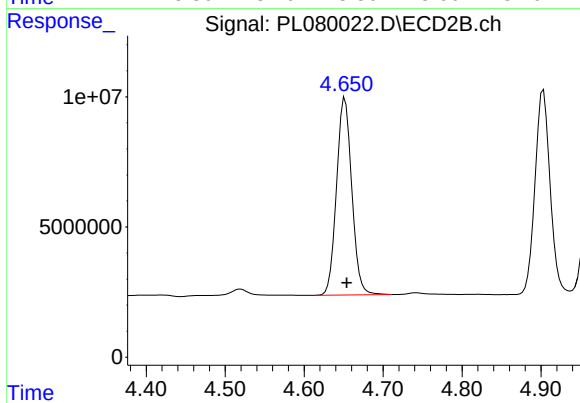
#7 delta-BHC

R.T.: 4.051 min  
Delta R.T.: -0.002 min  
Response: 106385026  
Conc: 46.50 ng/ml



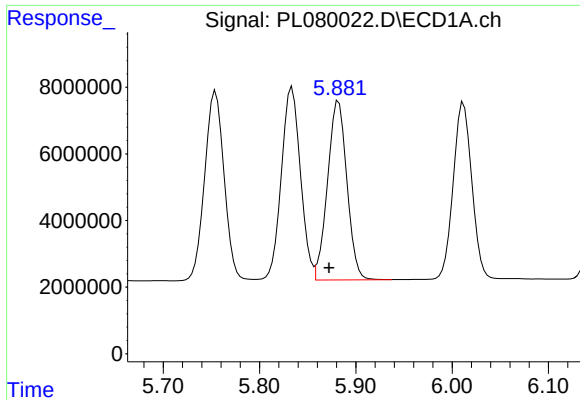
#8 Heptachlor epoxide

R.T.: 5.500 min  
Delta R.T.: 0.010 min  
Response: 78623100  
Conc: 47.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.652 min  
Delta R.T.: -0.002 min  
Response: 101647807  
Conc: 48.07 ng/ml



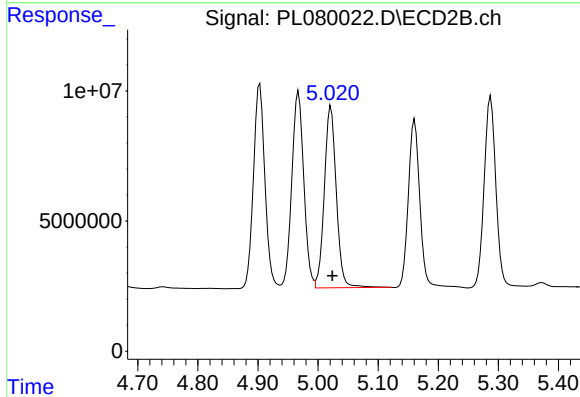
#9 Endosulfan I

R.T.: 5.882 min  
Delta R.T.: 0.010 min  
Response: 75529061  
Conc: 48.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

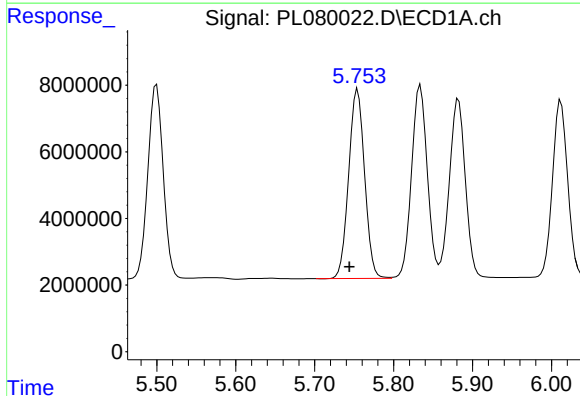
Manual Integrations  
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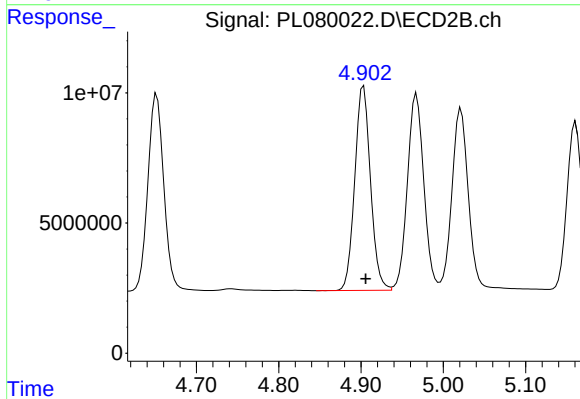
#9 Endosulfan I

R.T.: 5.021 min  
Delta R.T.: -0.003 min  
Response: 96974605  
Conc: 47.37 ng/ml



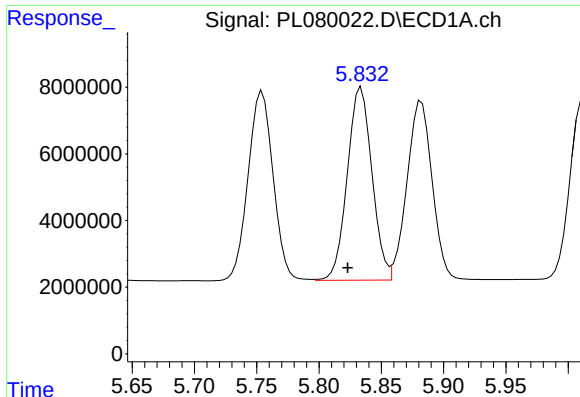
#10 gamma-Chlordane

R.T.: 5.754 min  
Delta R.T.: 0.010 min  
Response: 79695359  
Conc: 46.48 ng/ml



#10 gamma-Chlordane

R.T.: 4.903 min  
Delta R.T.: -0.003 min  
Response: 104223386  
Conc: 48.44 ng/ml



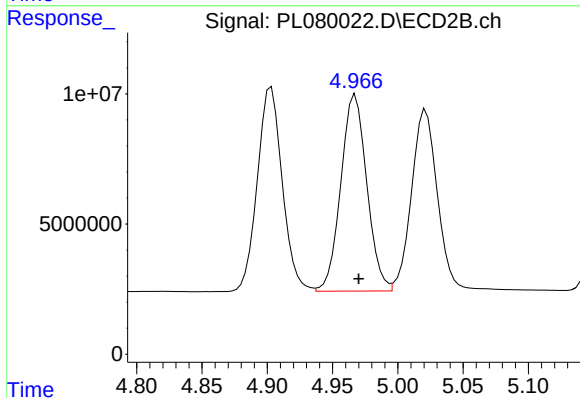
#11 alpha-Chlordane

R.T.: 5.834 min  
Delta R.T.: 0.011 min  
Response: 80090292  
Conc: 48.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

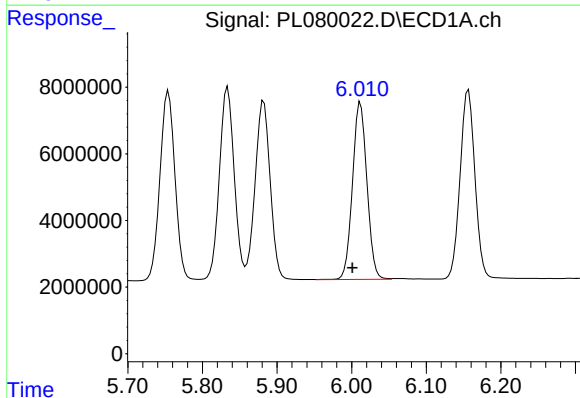
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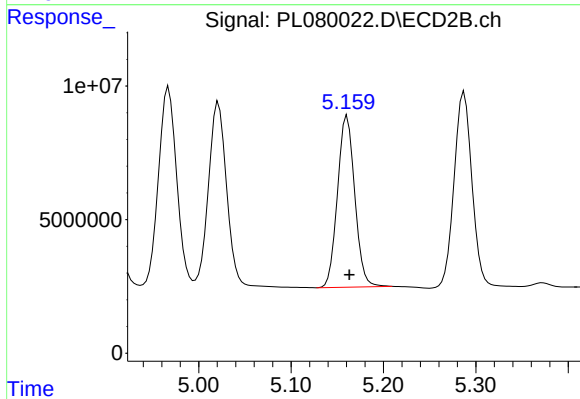
#11 alpha-Chlordane

R.T.: 4.968 min  
Delta R.T.: -0.002 min  
Response: 104579701  
Conc: 48.95 ng/ml



#12 4,4'-DDE

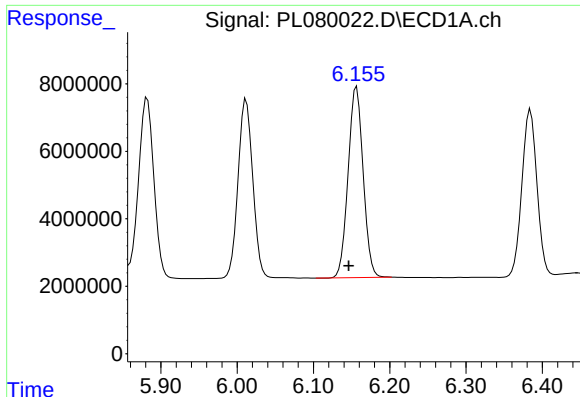
R.T.: 6.012 min  
Delta R.T.: 0.011 min  
Response: 71621602  
Conc: 48.54 ng/ml



#12 4,4'-DDE

R.T.: 5.161 min  
Delta R.T.: -0.002 min  
Response: 83446444  
Conc: 45.81 ng/ml





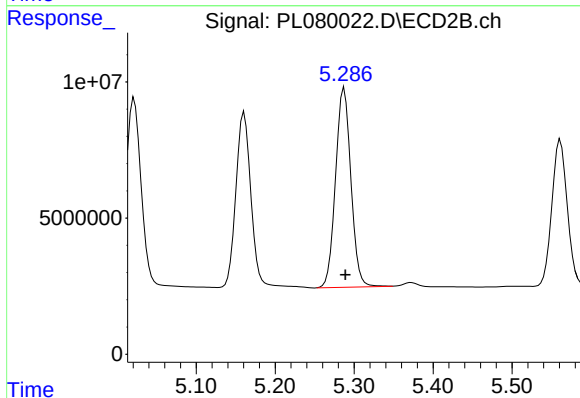
#13 Dieldrin

R.T.: 6.157 min  
Delta R.T.: 0.011 min  
Response: 77709594  
Conc: 47.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

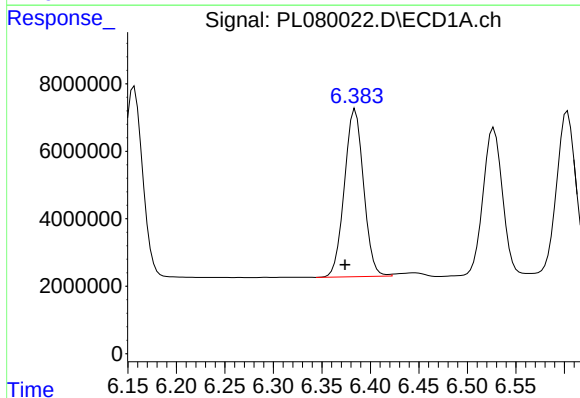
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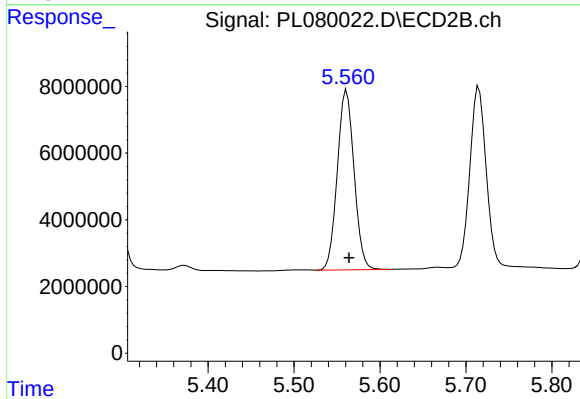
#13 Dieldrin

R.T.: 5.287 min  
Delta R.T.: -0.002 min  
Response: 99053765  
Conc: 49.06 ng/ml



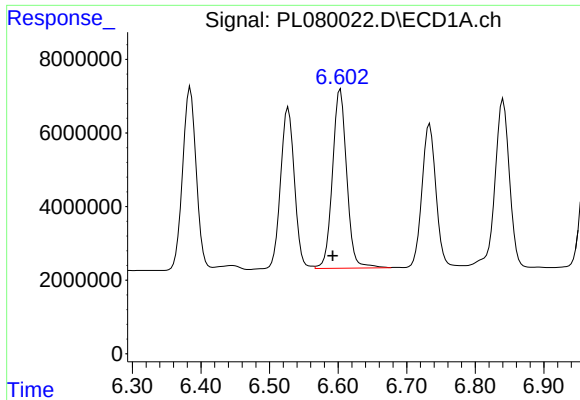
#14 Endrin

R.T.: 6.384 min  
Delta R.T.: 0.010 min  
Response: 68254482  
Conc: 52.04 ng/ml



#14 Endrin

R.T.: 5.561 min  
Delta R.T.: -0.003 min  
Response: 73082115  
Conc: 47.22 ng/ml



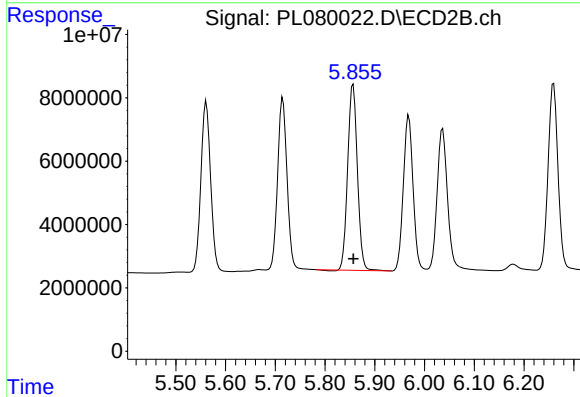
#15 Endosulfan II

R.T.: 6.603 min  
Delta R.T.: 0.011 min  
Response: 70400097  
Conc: 47.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

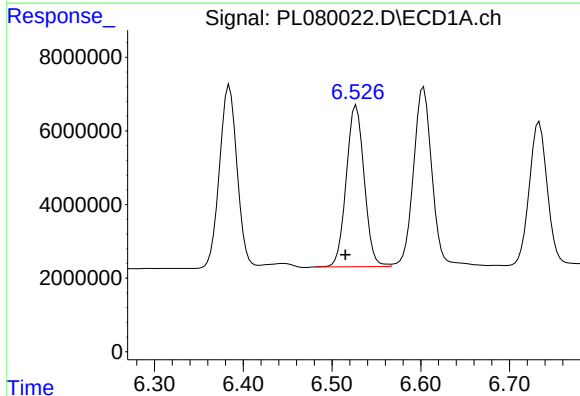
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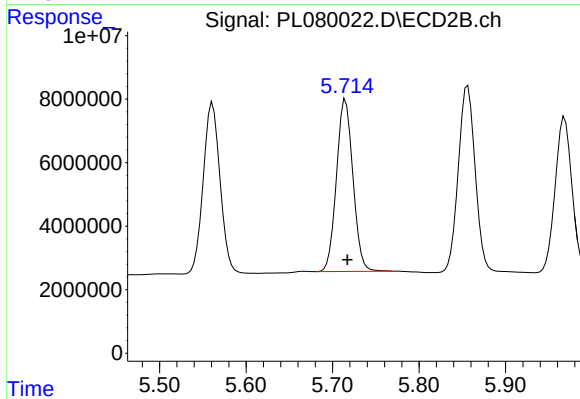
#15 Endosulfan II

R.T.: 5.856 min  
Delta R.T.: 0.000 min  
Response: 79745742  
Conc: 45.92 ng/ml



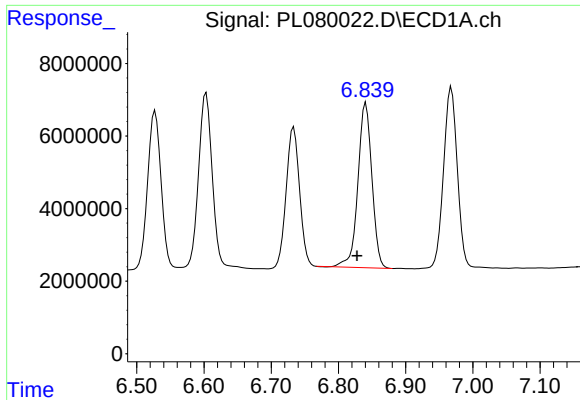
#16 4,4'-DDD

R.T.: 6.527 min  
Delta R.T.: 0.012 min  
Response: 61585443  
Conc: 49.12 ng/ml



#16 4,4'-DDD

R.T.: 5.715 min  
Delta R.T.: -0.002 min  
Response: 71418581  
Conc: 46.88 ng/ml



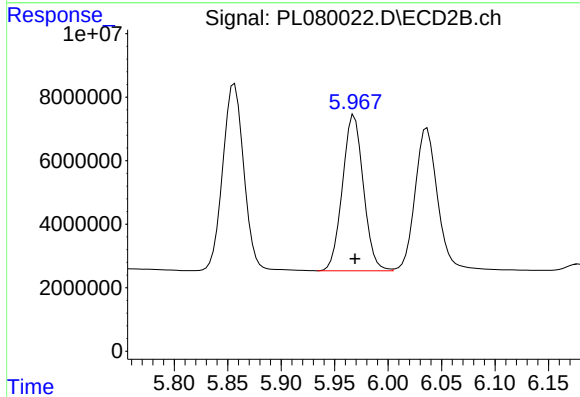
#17 4,4'-DDT

R.T.: 6.841 min  
Delta R.T.: 0.013 min  
Response: 65676200  
Conc: 51.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

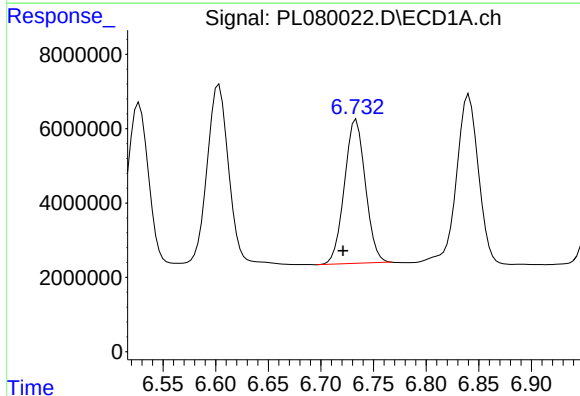
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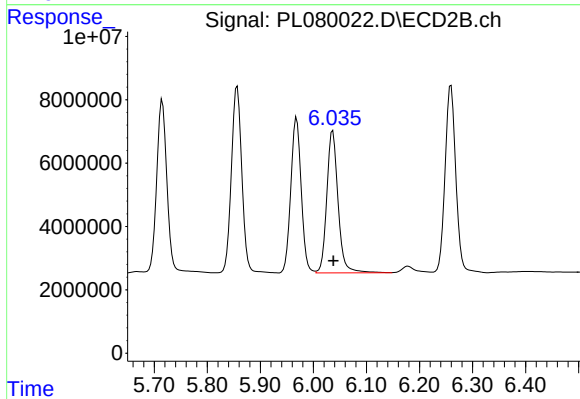
#17 4,4'-DDT

R.T.: 5.968 min  
Delta R.T.: 0.000 min  
Response: 66976196  
Conc: 50.99 ng/ml



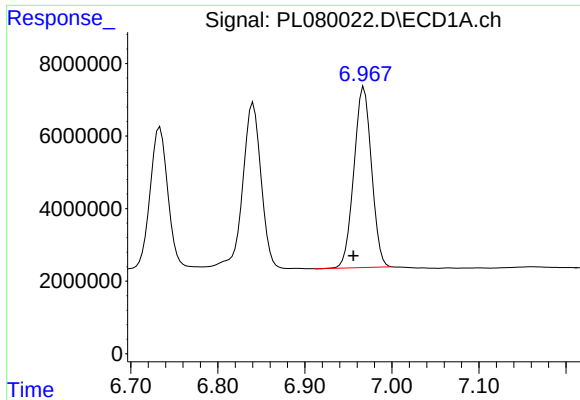
#18 Endrin aldehyde

R.T.: 6.734 min  
Delta R.T.: 0.013 min  
Response: 53758473  
Conc: 49.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min  
Delta R.T.: -0.002 min  
Response: 66758267  
Conc: 49.62 ng/ml



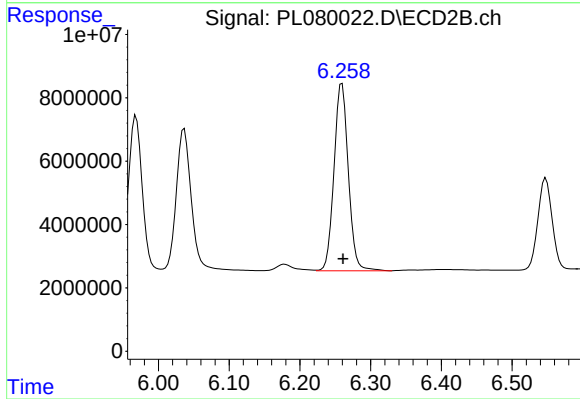
#19 Endosulfan Sulfate

R.T.: 6.968 min  
Delta R.T.: 0.012 min  
Response: 70059641  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

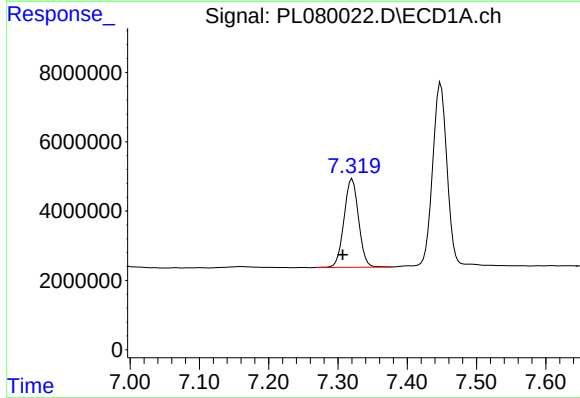
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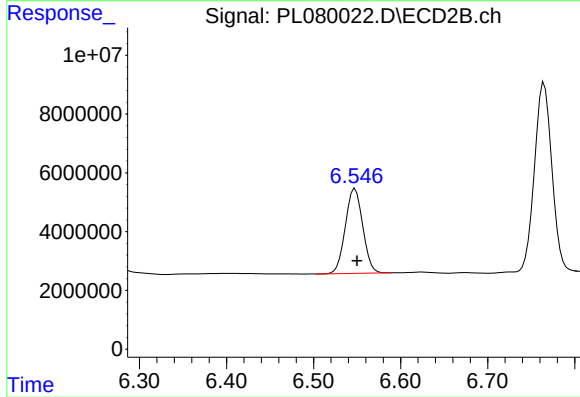
#19 Endosulfan Sulfate

R.T.: 6.259 min  
Delta R.T.: -0.002 min  
Response: 83127643  
Conc: 47.72 ng/ml



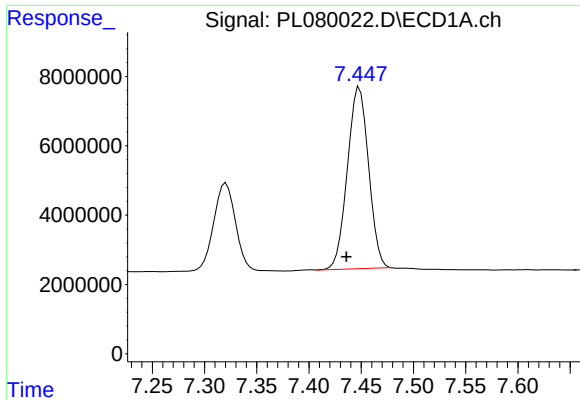
#20 Methoxychlor

R.T.: 7.321 min  
Delta R.T.: 0.014 min  
Response: 37222976  
Conc: 52.52 ng/ml



#20 Methoxychlor

R.T.: 6.548 min  
Delta R.T.: -0.002 min  
Response: 40142513  
Conc: 52.13 ng/ml



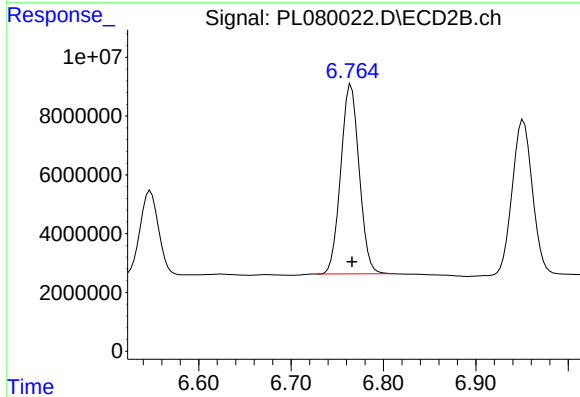
#21 Endrin ketone

R.T.: 7.448 min  
Delta R.T.: 0.012 min  
Response: 74018998  
Conc: 48.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

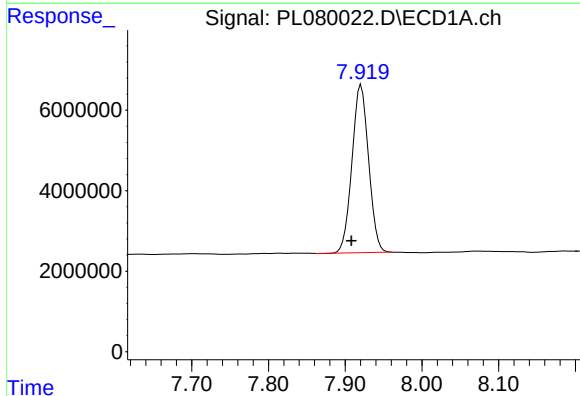
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/04/2023  
Supervised By :Ankita Jodhani 01/04/2023



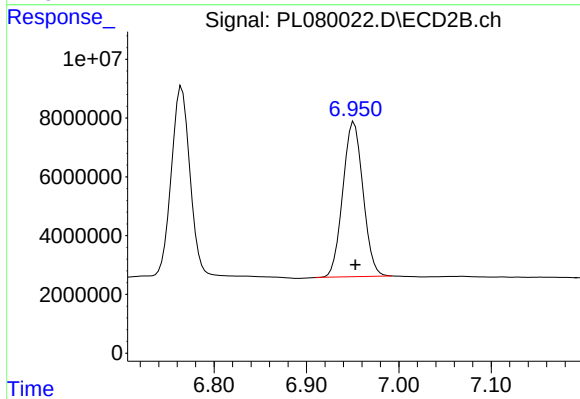
#21 Endrin ketone

R.T.: 6.765 min  
Delta R.T.: -0.001 min  
Response: 89509414  
Conc: 48.49 ng/ml



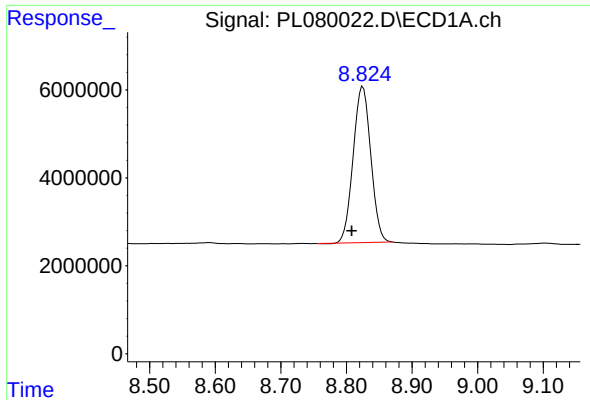
#22 Mirex

R.T.: 7.921 min  
Delta R.T.: 0.013 min  
Response: 63121486  
Conc: 48.02 ng/ml



#22 Mirex

R.T.: 6.950 min  
Delta R.T.: -0.003 min  
Response: 79910815  
Conc: 51.90 ng/ml m



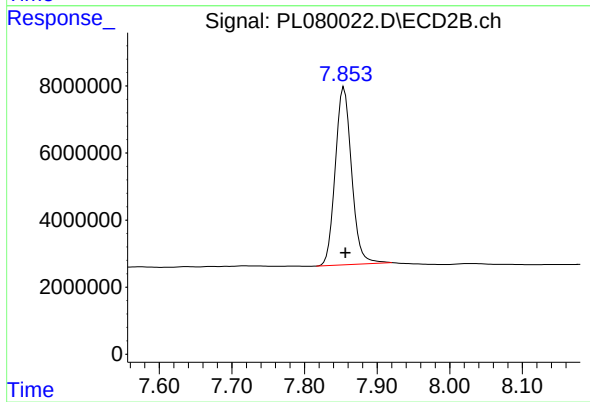
#28 Decachlorobiphenyl

R.T.: 8.825 min  
Delta R.T.: 0.017 min  
Response: 66427940  
Conc: 47.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/04/2023  
Supervised By :Ankita Jodhani 01/04/2023



#28 Decachlorobiphenyl

R.T.: 7.855 min  
Delta R.T.: -0.001 min  
Response: 82895148  
Conc: 49.57 ng/ml