

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101723\  
 Data File : PL085965.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Oct 2023 11:41  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/18/2023  
 Supervised By :Ankita Jodhani 10/18/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 17 22:00:03 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... | 3.364 | 2.622 | 125.4E6  | 38284923 | 42.166  | 40.985 |
| 28)                         | SA Decachlor... | 8.866 | 7.778 | 111.7E6  | 48326172 | 51.268  | 52.359 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.819 | 3.121 | 183.7E6  | 52549974 | 42.805  | 41.768 |
| 3)                          | MA gamma-BHC... | 4.149 | 3.449 | 177.0E6  | 52459514 | 42.824m | 42.534 |
| 4)                          | MA Heptachlor   | 4.738 | 3.786 | 177.5E6  | 52882063 | 45.886  | 45.468 |
| 5)                          | MB Aldrin       | 5.077 | 4.062 | 171.0E6  | 50625553 | 44.125  | 45.272 |
| 6)                          | B beta-BHC      | 4.354 | 3.751 | 71489317 | 23344095 | 43.232  | 44.842 |
| 7)                          | B delta-BHC     | 4.596 | 3.977 | 165.8E6  | 51029109 | 43.230  | 44.413 |
| 8)                          | B Heptachlo...  | 5.506 | 4.568 | 146.7E6  | 46819176 | 42.514  | 46.614 |
| 9)                          | A Endosulfan I  | 5.891 | 4.935 | 144.9E6  | 44221539 | 44.793  | 41.223 |
| 10)                         | B gamma-Chl...  | 5.765 | 4.820 | 154.5E6  | 48212605 | 45.144  | 48.681 |
| 11)                         | B alpha-Chl...  | 5.843 | 4.883 | 154.7E6  | 49130537 | 45.257  | 45.044 |
| 12)                         | B 4,4'-DDE      | 6.027 | 5.083 | 132.6E6  | 42133495 | 47.431  | 51.311 |
| 13)                         | MA Dieldrin     | 6.168 | 5.202 | 147.8E6  | 47378127 | 44.968  | 48.832 |
| 14)                         | MA Endrin       | 6.396 | 5.476 | 130.2E6  | 42176687 | 45.704  | 46.915 |
| 15)                         | B Endosulfa...  | 6.618 | 5.773 | 132.3E6  | 43307587 | 48.003  | 45.542 |
| 16)                         | A 4,4'-DDD      | 6.546 | 5.640 | 103.9E6  | 34111175 | 51.579  | 49.007 |
| 17)                         | MA 4,4'-DDT     | 6.861 | 5.890 | 114.6E6  | 42530966 | 48.622  | 53.785 |
| 18)                         | B Endrin al...  | 6.750 | 5.955 | 97251293 | 37188224 | 47.984  | 49.870 |
| 19)                         | B Endosulfa...  | 6.986 | 6.180 | 121.6E6  | 43338838 | 48.436  | 48.041 |
| 20)                         | A Methoxychlor  | 7.347 | 6.475 | 68022513 | 25124828 | 48.705  | 47.759 |
| 21)                         | B Endrin ke...  | 7.467 | 6.682 | 131.1E6  | 54382872 | 45.522  | 47.314 |
| 22)                         | Mirex           | 7.940 | 6.859 | 103.2E6  | 44951037 | 46.591  | 47.659 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101723\  
Data File : PL085965.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Oct 2023 11:41  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

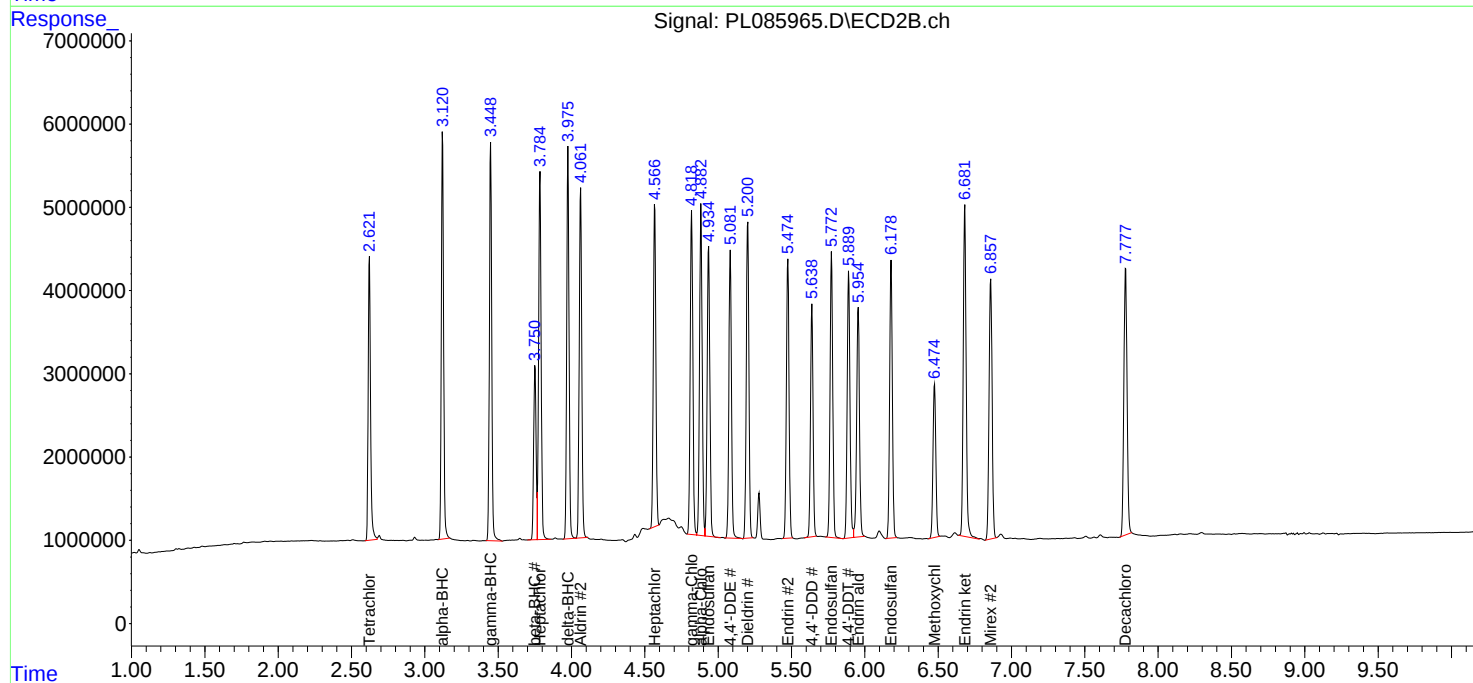
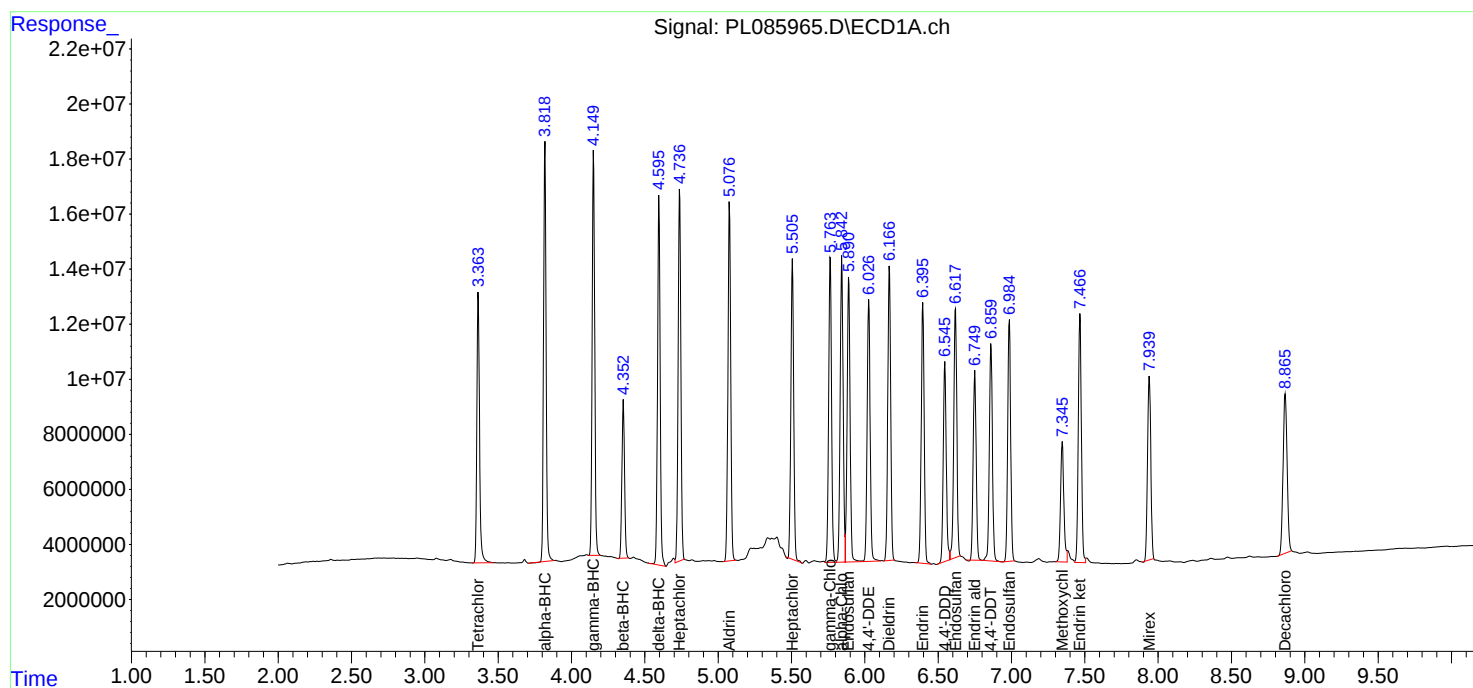
## APPROVED

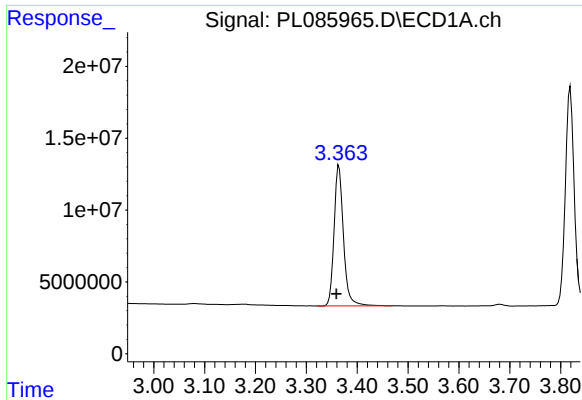
Reviewed By :Abdul Mirza 10/18/2023

Supervised By :Ankita Jodhani 10/18/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 17 22:00:03 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





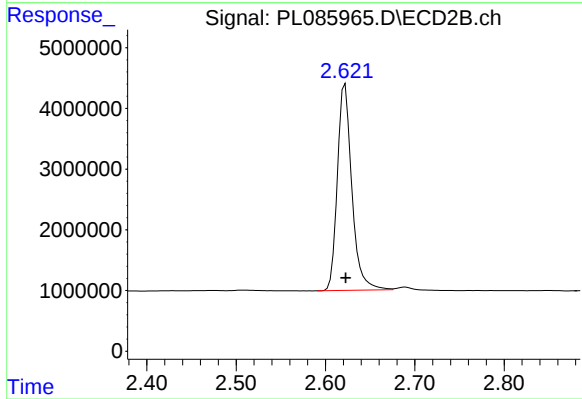
#1 Tetrachloro-m-xylene

R.T.: 3.364 min  
Delta R.T.: 0.005 min  
Response: 125409622  
Conc: 42.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

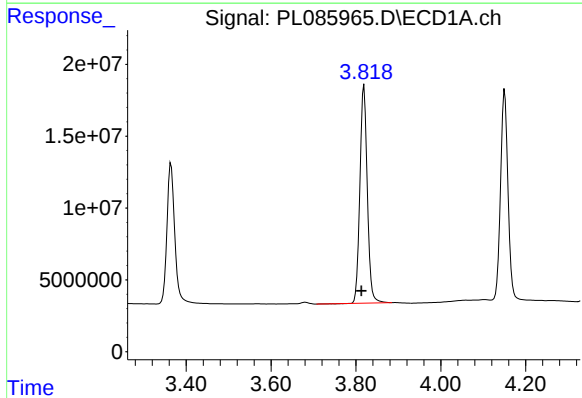
Manual Integrations  
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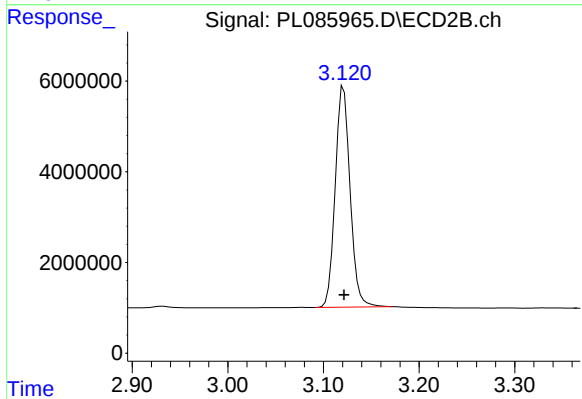
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: 0.000 min  
Response: 38284923  
Conc: 40.99 ng/ml



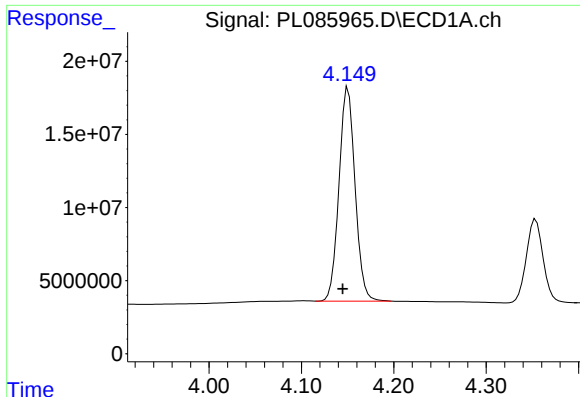
#2 alpha-BHC

R.T.: 3.819 min  
Delta R.T.: 0.006 min  
Response: 183717094  
Conc: 42.81 ng/ml



#2 alpha-BHC

R.T.: 3.121 min  
Delta R.T.: 0.000 min  
Response: 52549974  
Conc: 41.77 ng/ml



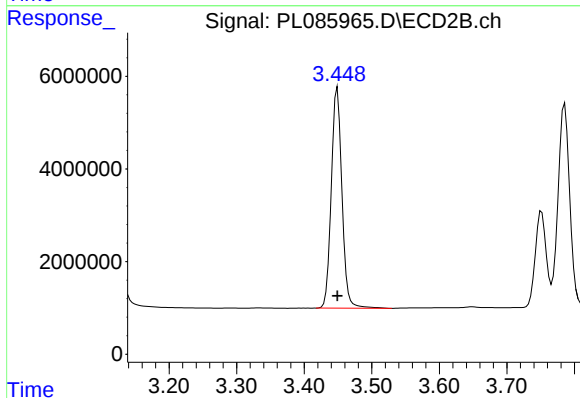
#3 gamma-BHC (Lindane)

R.T.: 4.149 min  
Delta R.T.: 0.004 min  
Response: 177007294  
Conc: 42.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

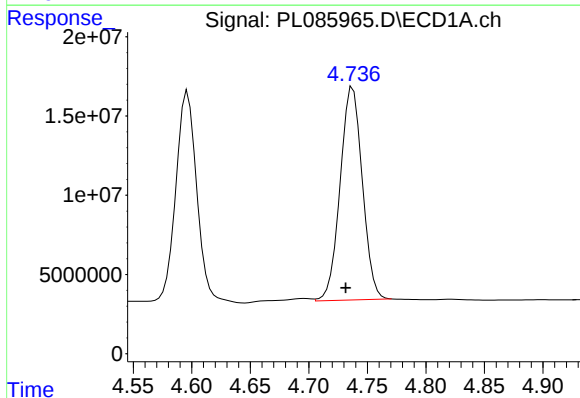
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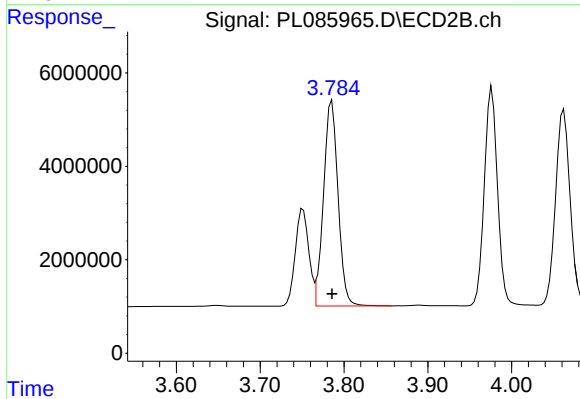
#3 gamma-BHC (Lindane)

R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 52459514  
Conc: 42.53 ng/ml



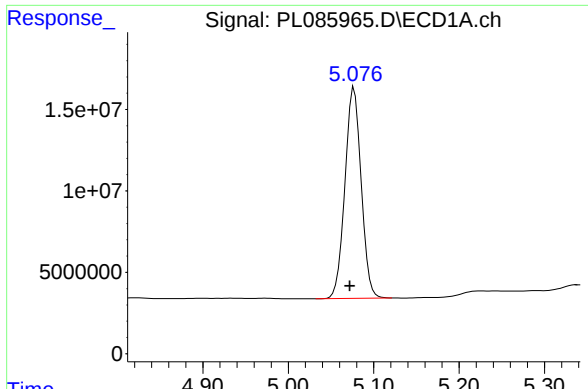
#4 Heptachlor

R.T.: 4.738 min  
Delta R.T.: 0.006 min  
Response: 177470357  
Conc: 45.89 ng/ml



#4 Heptachlor

R.T.: 3.786 min  
Delta R.T.: 0.000 min  
Response: 52882063  
Conc: 45.47 ng/ml



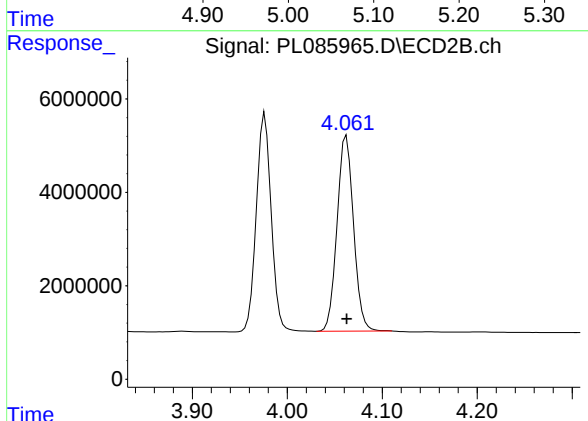
#5 Aldrin

R.T.: 5.077 min  
Delta R.T.: 0.005 min  
Response: 171042617  
Conc: 44.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

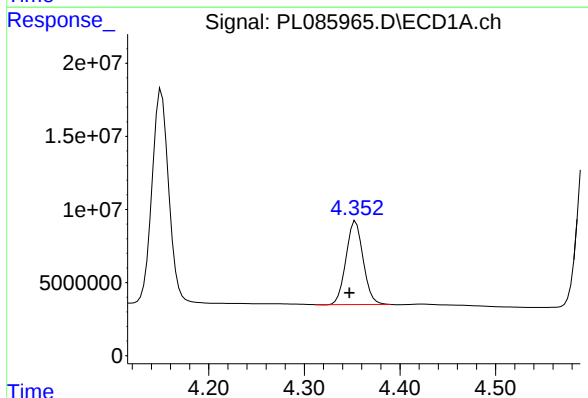
Manual Integrations  
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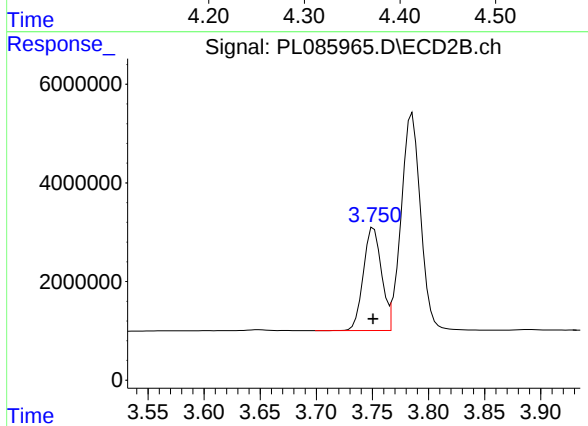
#5 Aldrin

R.T.: 4.062 min  
Delta R.T.: 0.000 min  
Response: 50625553  
Conc: 45.27 ng/ml



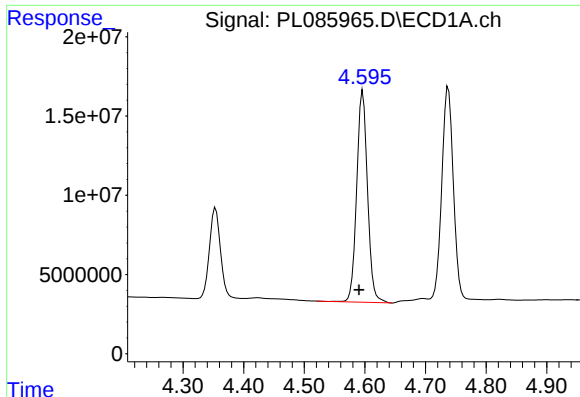
#6 beta-BHC

R.T.: 4.354 min  
Delta R.T.: 0.007 min  
Response: 71489317  
Conc: 43.23 ng/ml



#6 beta-BHC

R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 23344095  
Conc: 44.84 ng/ml



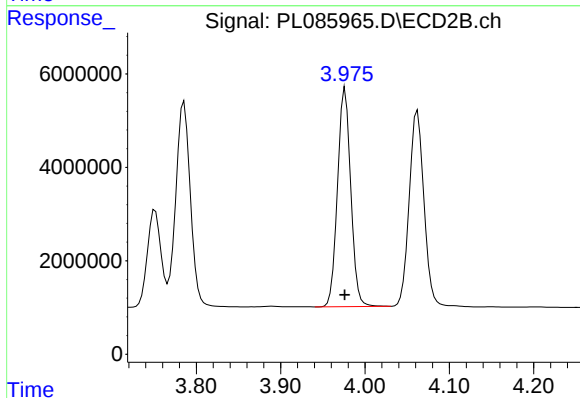
#7 delta-BHC

R.T.: 4.596 min  
Delta R.T.: 0.006 min  
Response: 165760045  
Conc: 43.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

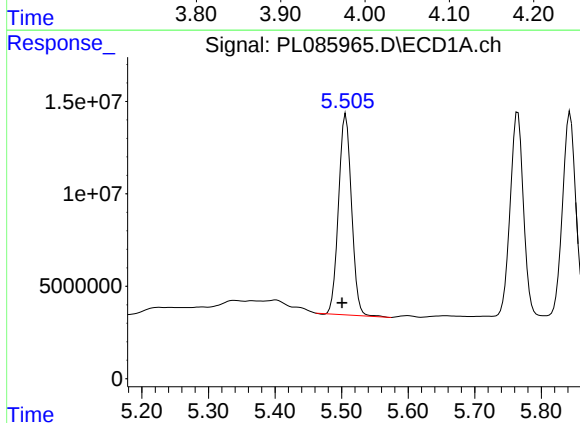
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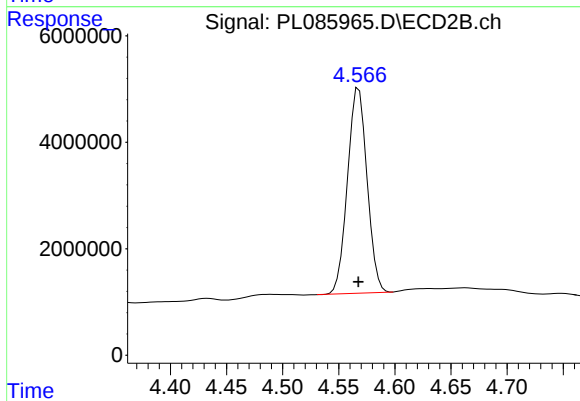
#7 delta-BHC

R.T.: 3.977 min  
Delta R.T.: 0.000 min  
Response: 51029109  
Conc: 44.41 ng/ml



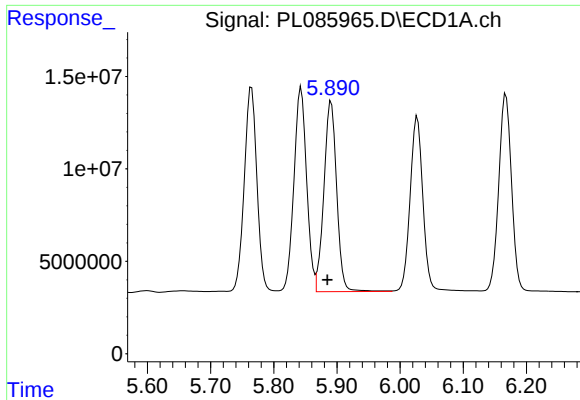
#8 Heptachlor epoxide

R.T.: 5.506 min  
Delta R.T.: 0.005 min  
Response: 146665512  
Conc: 42.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: 46819176  
Conc: 46.61 ng/ml



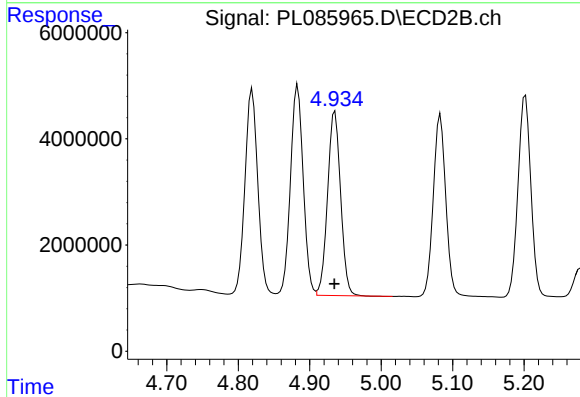
#9 Endosulfan I

R.T.: 5.891 min  
Delta R.T.: 0.006 min  
Response: 144862691  
Conc: 44.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

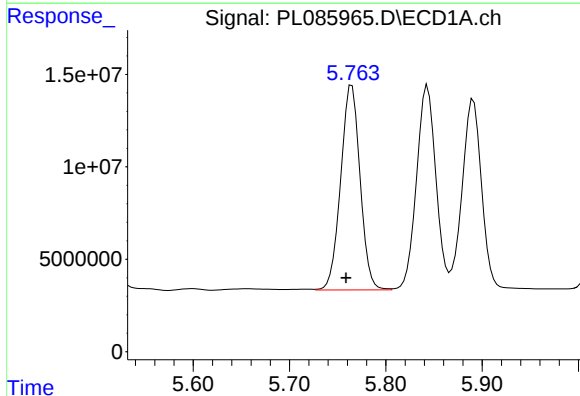
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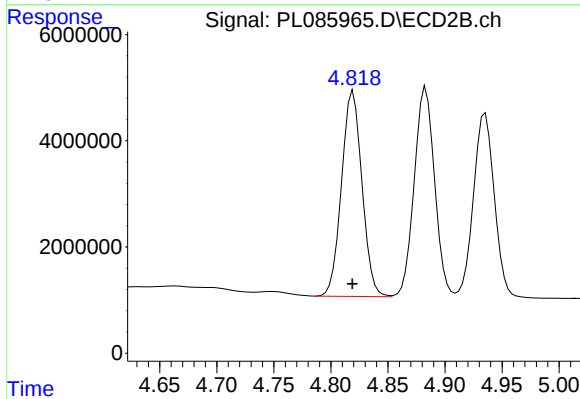
#9 Endosulfan I

R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 44221539  
Conc: 41.22 ng/ml



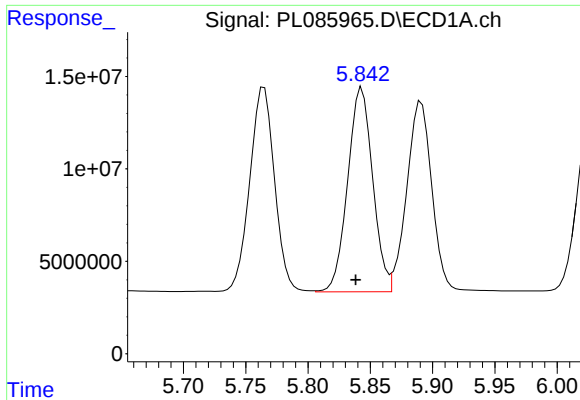
#10 gamma-Chlordane

R.T.: 5.765 min  
Delta R.T.: 0.006 min  
Response: 154458312  
Conc: 45.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.820 min  
Delta R.T.: 0.000 min  
Response: 48212605  
Conc: 48.68 ng/ml



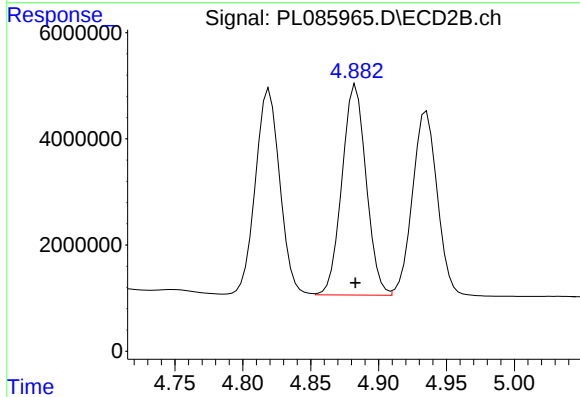
#11 alpha-Chlordane

R.T.: 5.843 min  
Delta R.T.: 0.005 min  
Response: 154671565  
Conc: 45.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

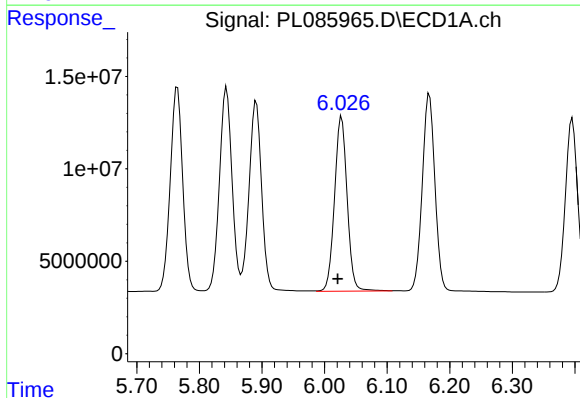
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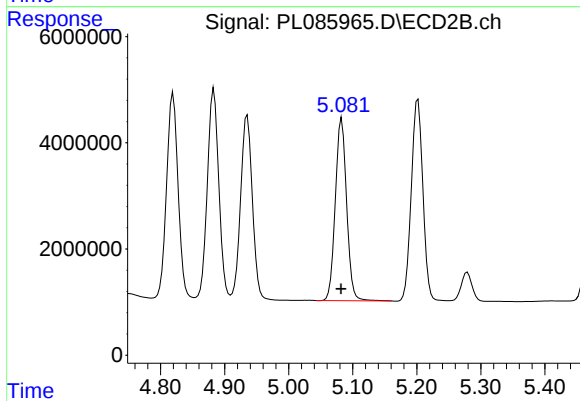
#11 alpha-Chlordane

R.T.: 4.883 min  
Delta R.T.: 0.000 min  
Response: 49130537  
Conc: 45.04 ng/ml



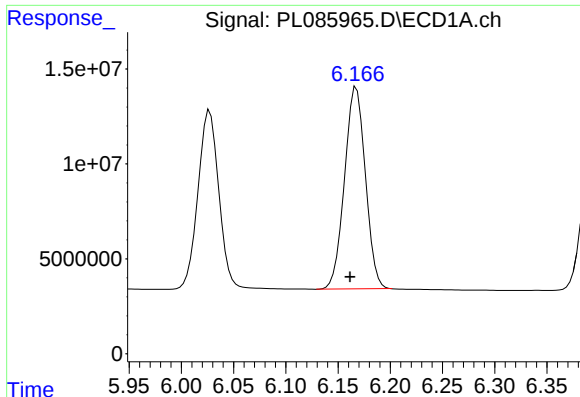
#12 4,4'-DDE

R.T.: 6.027 min  
Delta R.T.: 0.006 min  
Response: 132641983  
Conc: 47.43 ng/ml



#12 4,4'-DDE

R.T.: 5.083 min  
Delta R.T.: 0.001 min  
Response: 42133495  
Conc: 51.31 ng/ml



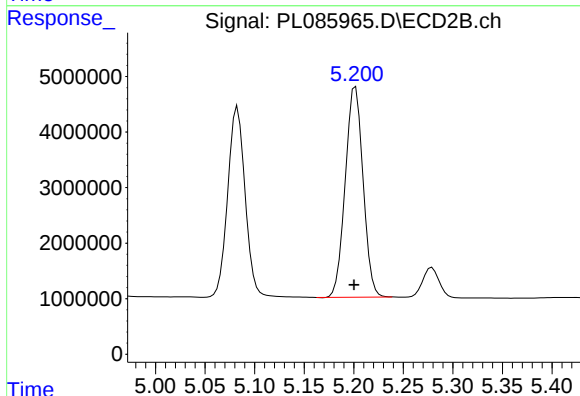
#13 Dieldrin

R.T.: 6.168 min  
Delta R.T.: 0.006 min  
Response: 147764832  
Conc: 44.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

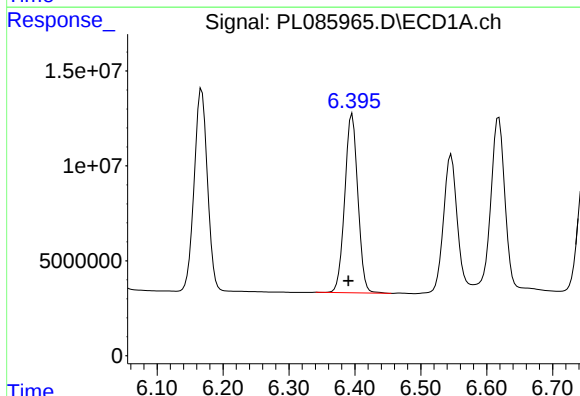
Manual Integrations  
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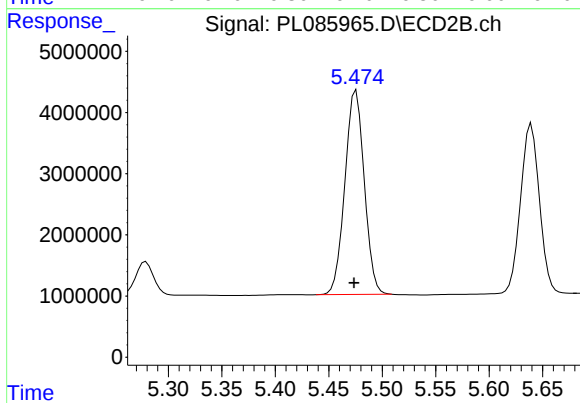
#13 Dieldrin

R.T.: 5.202 min  
Delta R.T.: 0.001 min  
Response: 47378127  
Conc: 48.83 ng/ml



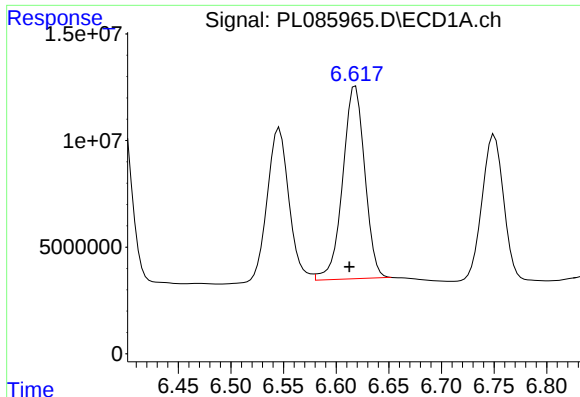
#14 Endrin

R.T.: 6.396 min  
Delta R.T.: 0.006 min  
Response: 130244023  
Conc: 45.70 ng/ml



#14 Endrin

R.T.: 5.476 min  
Delta R.T.: 0.002 min  
Response: 42176687  
Conc: 46.91 ng/ml



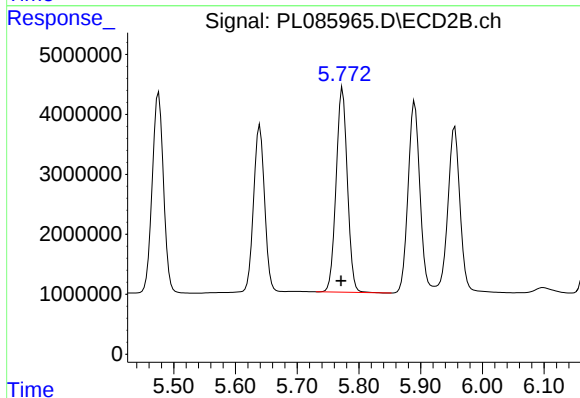
#15 Endosulfan II

R.T.: 6.618 min  
Delta R.T.: 0.006 min  
Response: 132272964  
Conc: 48.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

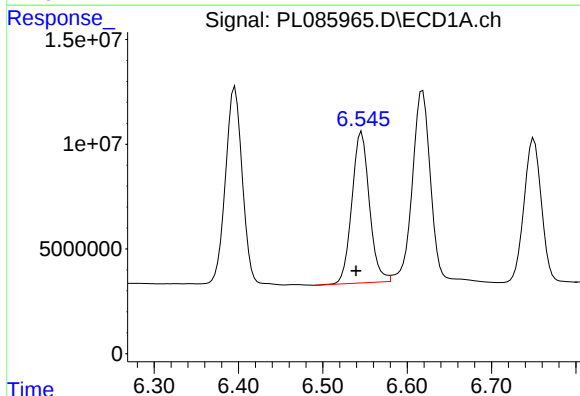
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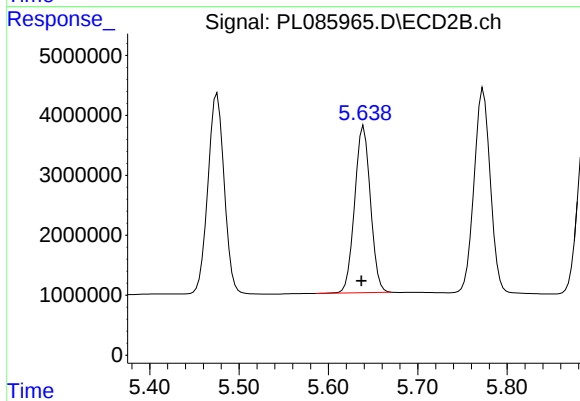
#15 Endosulfan II

R.T.: 5.773 min  
Delta R.T.: 0.002 min  
Response: 43307587  
Conc: 45.54 ng/ml



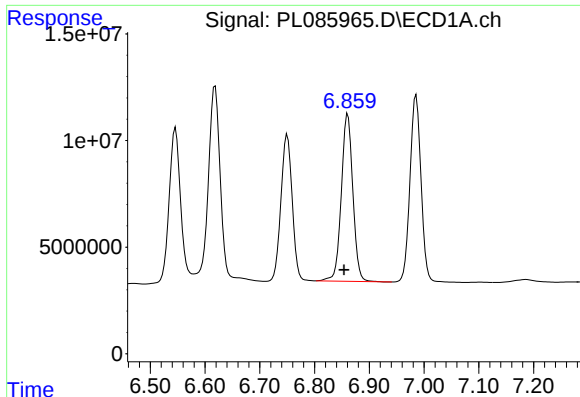
#16 4,4'-DDD

R.T.: 6.546 min  
Delta R.T.: 0.007 min  
Response: 103913722  
Conc: 51.58 ng/ml



#16 4,4'-DDD

R.T.: 5.640 min  
Delta R.T.: 0.002 min  
Response: 34111175  
Conc: 49.01 ng/ml



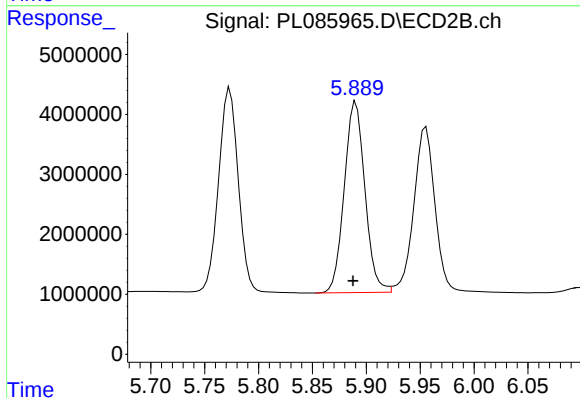
#17 4,4'-DDT

R.T.: 6.861 min  
Delta R.T.: 0.007 min  
Response: 114607192  
Conc: 48.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

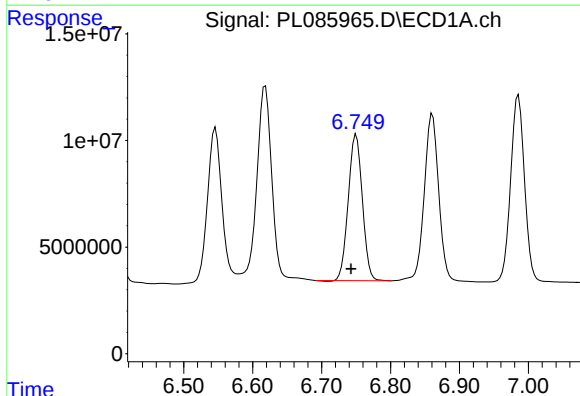
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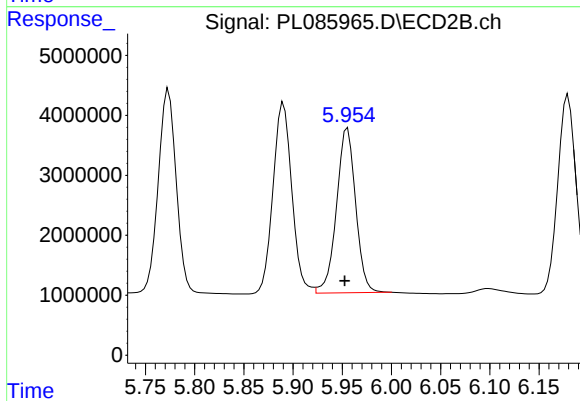
#17 4,4'-DDT

R.T.: 5.890 min  
Delta R.T.: 0.003 min  
Response: 42530966  
Conc: 53.79 ng/ml



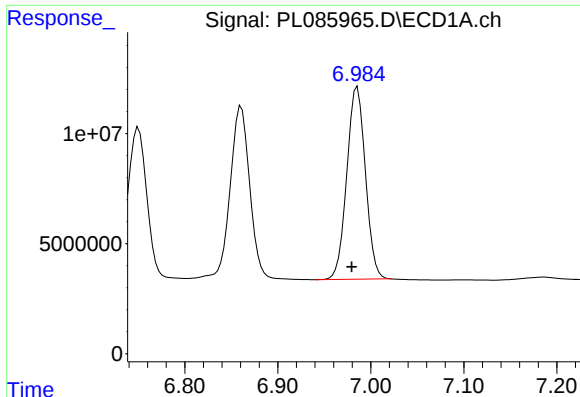
#18 Endrin aldehyde

R.T.: 6.750 min  
Delta R.T.: 0.007 min  
Response: 97251293  
Conc: 47.98 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min  
Delta R.T.: 0.003 min  
Response: 37188224  
Conc: 49.87 ng/ml



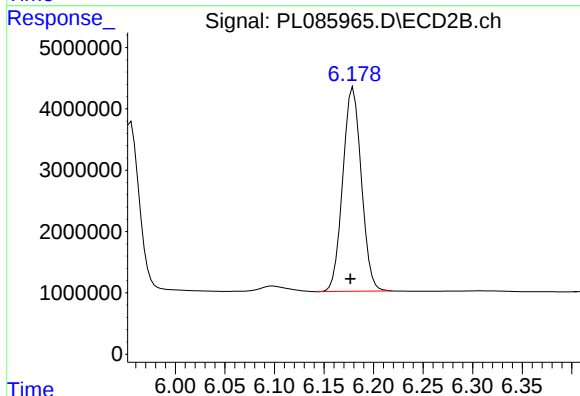
#19 Endosulfan Sulfate

R.T.: 6.986 min  
Delta R.T.: 0.006 min  
Response: 121561993  
Conc: 48.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

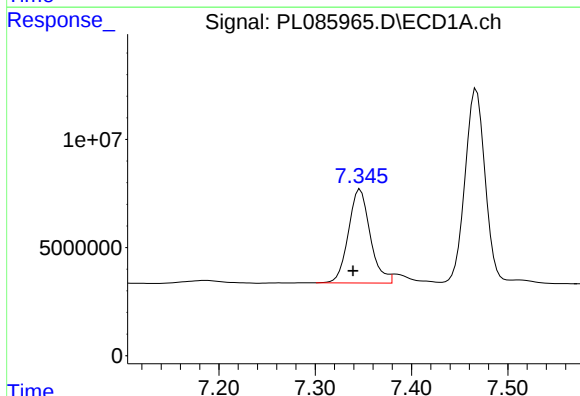
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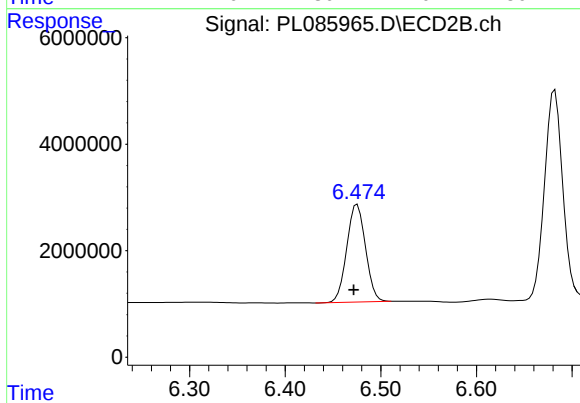
#19 Endosulfan Sulfate

R.T.: 6.180 min  
Delta R.T.: 0.003 min  
Response: 43338838  
Conc: 48.04 ng/ml



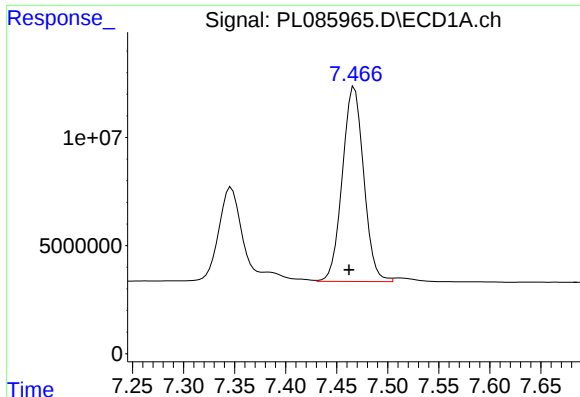
#20 Methoxychlor

R.T.: 7.347 min  
Delta R.T.: 0.007 min  
Response: 68022513  
Conc: 48.71 ng/ml



#20 Methoxychlor

R.T.: 6.475 min  
Delta R.T.: 0.004 min  
Response: 25124828  
Conc: 47.76 ng/ml



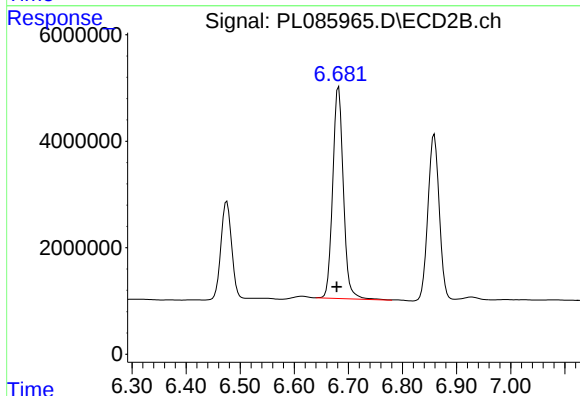
#21 Endrin ketone

R.T.: 7.467 min  
Delta R.T.: 0.006 min  
Response: 131116250  
Conc: 45.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

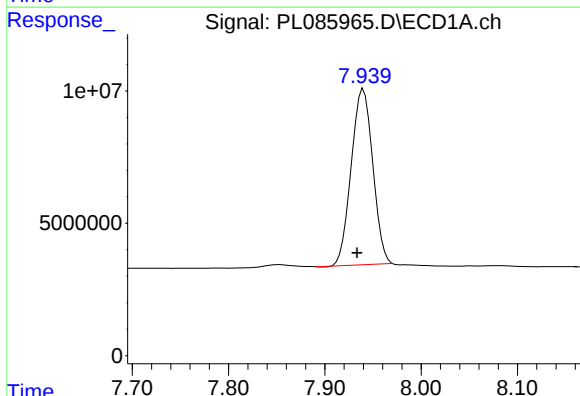
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/18/2023  
Supervised By :Ankita Jodhani 10/18/2023



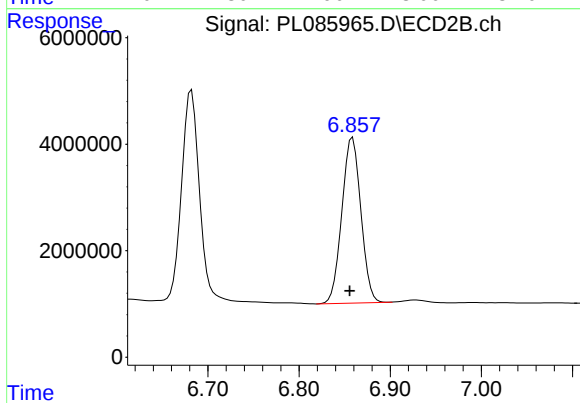
#21 Endrin ketone

R.T.: 6.682 min  
Delta R.T.: 0.003 min  
Response: 54382872  
Conc: 47.31 ng/ml



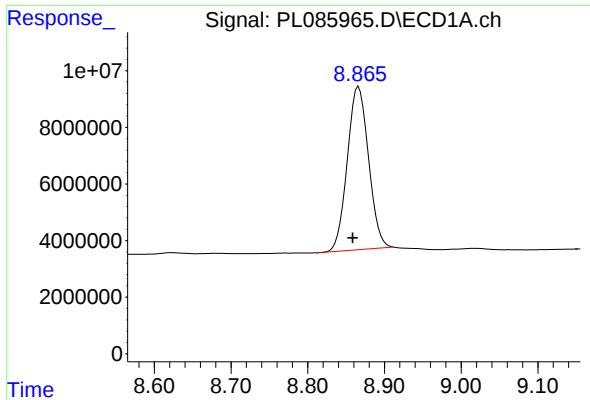
#22 Mirex

R.T.: 7.940 min  
Delta R.T.: 0.007 min  
Response: 103151294  
Conc: 46.59 ng/ml



#22 Mirex

R.T.: 6.859 min  
Delta R.T.: 0.003 min  
Response: 44951037  
Conc: 47.66 ng/ml



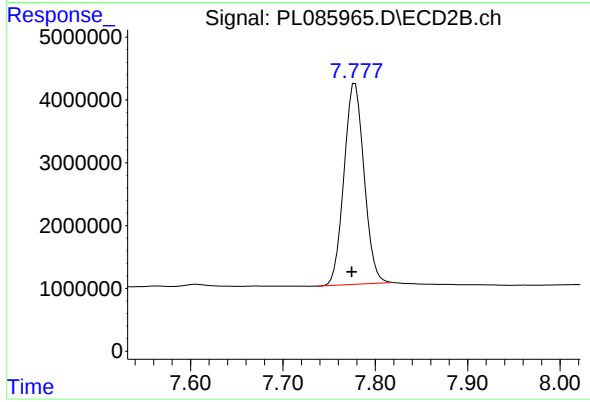
#28 Decachlorobiphenyl

R.T.: 8.866 min  
Delta R.T.: 0.008 min  
Response: 111665349  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/18/2023  
Supervised By :Ankita Jodhani 10/18/2023



#28 Decachlorobiphenyl

R.T.: 7.778 min  
Delta R.T.: 0.004 min  
Response: 48326172  
Conc: 52.36 ng/ml