

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090523\  
 Data File : PL085124.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Sep 2023 17:37  
 Operator : AR\AJ  
 Sample : PB155320BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB155320BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/06/2023  
 Supervised By :Ankita Jodhani 09/06/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 06 10:37:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 05 15:22:36 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... | 3.477 | 2.685 | 39086987 | 18462230 | 15.981 | 16.249  |
| 28)                         | SA Decachlor... | 9.028 | 7.864 | 29717046 | 23786737 | 18.480 | 17.870  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.935 | 3.189 | 178.9E6  | 87181158 | 51.927 | 53.305  |
| 3)                          | MA gamma-BHC... | 4.269 | 3.520 | 163.5E6  | 81429018 | 49.241 | 51.021  |
| 4)                          | MA Heptachlor   | 4.861 | 3.860 | 173.6E6  | 81218349 | 52.662 | 53.516  |
| 5)                          | MB Aldrin       | 5.204 | 4.141 | 154.4E6  | 78654744 | 50.216 | 51.453  |
| 6)                          | B beta-BHC      | 4.469 | 3.821 | 68915681 | 33996535 | 48.762 | 50.102m |
| 7)                          | B delta-BHC     | 4.715 | 4.050 | 155.1E6  | 80410034 | 49.076 | 51.425  |
| 8)                          | B Heptachlo...  | 5.634 | 4.646 | 136.9E6  | 72562852 | 52.469 | 52.877  |
| 9)                          | A Endosulfan I  | 6.019 | 5.017 | 125.0E6  | 71675968 | 52.043 | 52.276  |
| 10)                         | B gamma-Chl...  | 5.891 | 4.899 | 134.7E6  | 74117357 | 51.867 | 53.736  |
| 11)                         | B alpha-Chl...  | 5.971 | 4.964 | 132.0E6  | 75032380 | 51.317 | 50.209  |
| 12)                         | B 4,4'-DDE      | 6.150 | 5.161 | 108.8E6  | 67512484 | 52.332 | 54.268  |
| 13)                         | MA Dieldrin     | 6.296 | 5.284 | 123.7E6  | 72855553 | 50.773 | 51.823  |
| 14)                         | MA Endrin       | 6.526 | 5.559 | 106.7E6  | 68243585 | 51.678 | 53.390  |
| 15)                         | B Endosulfa...  | 6.747 | 5.857 | 98360205 | 61812539 | 48.608 | 49.920  |
| 16)                         | A 4,4'-DDD      | 6.669 | 5.720 | 81932213 | 57617861 | 53.215 | 54.843  |
| 17)                         | MA 4,4'-DDT     | 6.984 | 5.971 | 91520755 | 63066008 | 54.328 | 54.095  |
| 18)                         | B Endrin al...  | 6.878 | 6.038 | 77363043 | 52022305 | 50.329 | 50.931  |
| 19)                         | B Endosulfa...  | 7.114 | 6.263 | 96574145 | 64421933 | 51.594 | 53.685  |
| 20)                         | A Methoxychlor  | 7.467 | 6.556 | 46610831 | 34764009 | 51.299 | 51.677  |
| 21)                         | B Endrin ke...  | 7.599 | 6.768 | 98736232 | 76252346 | 50.405 | 51.697  |
| 22)                         | Mirex           | 8.074 | 6.948 | 83082967 | 60132148 | 49.886 | 50.778  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090523\  
Data File : PL085124.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Sep 2023 17:37  
Operator : AR\AJ  
Sample : PB155320BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB155320BS

## Manual Integrations

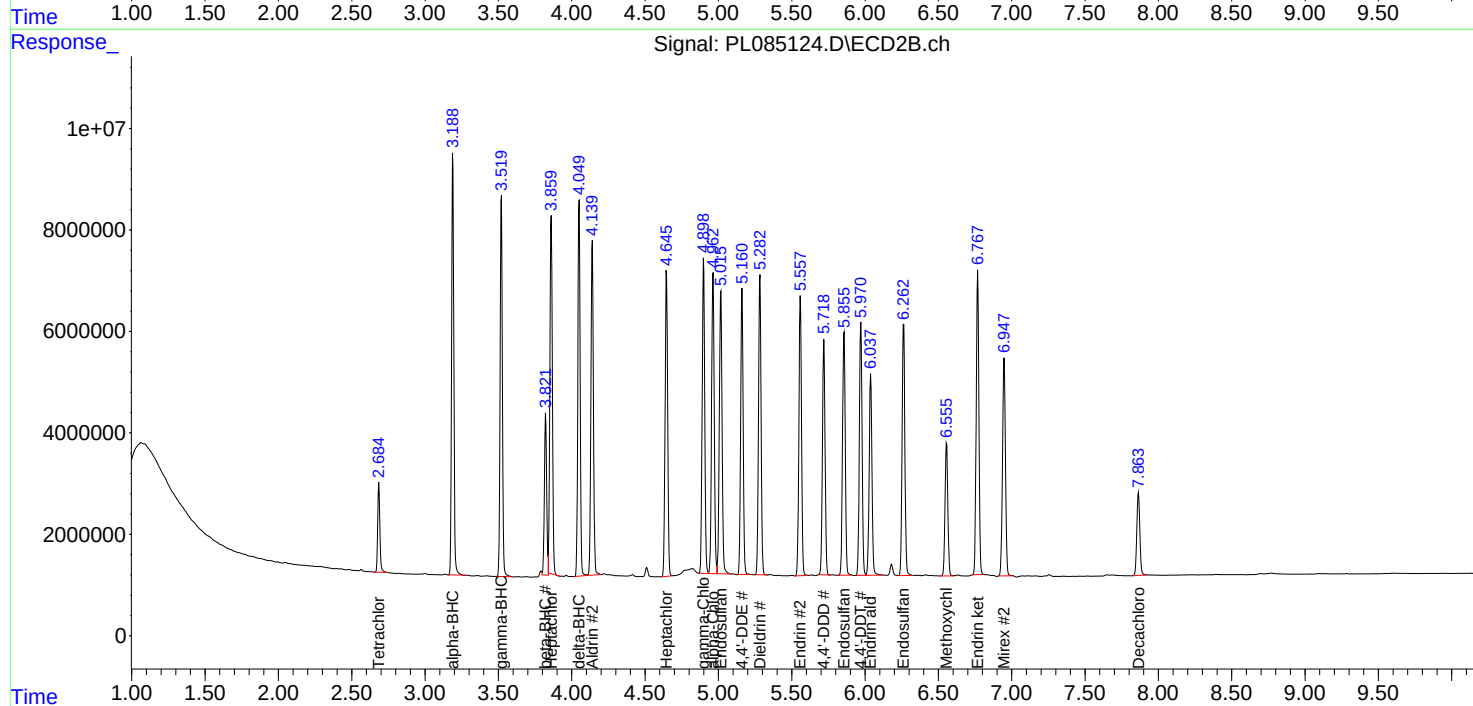
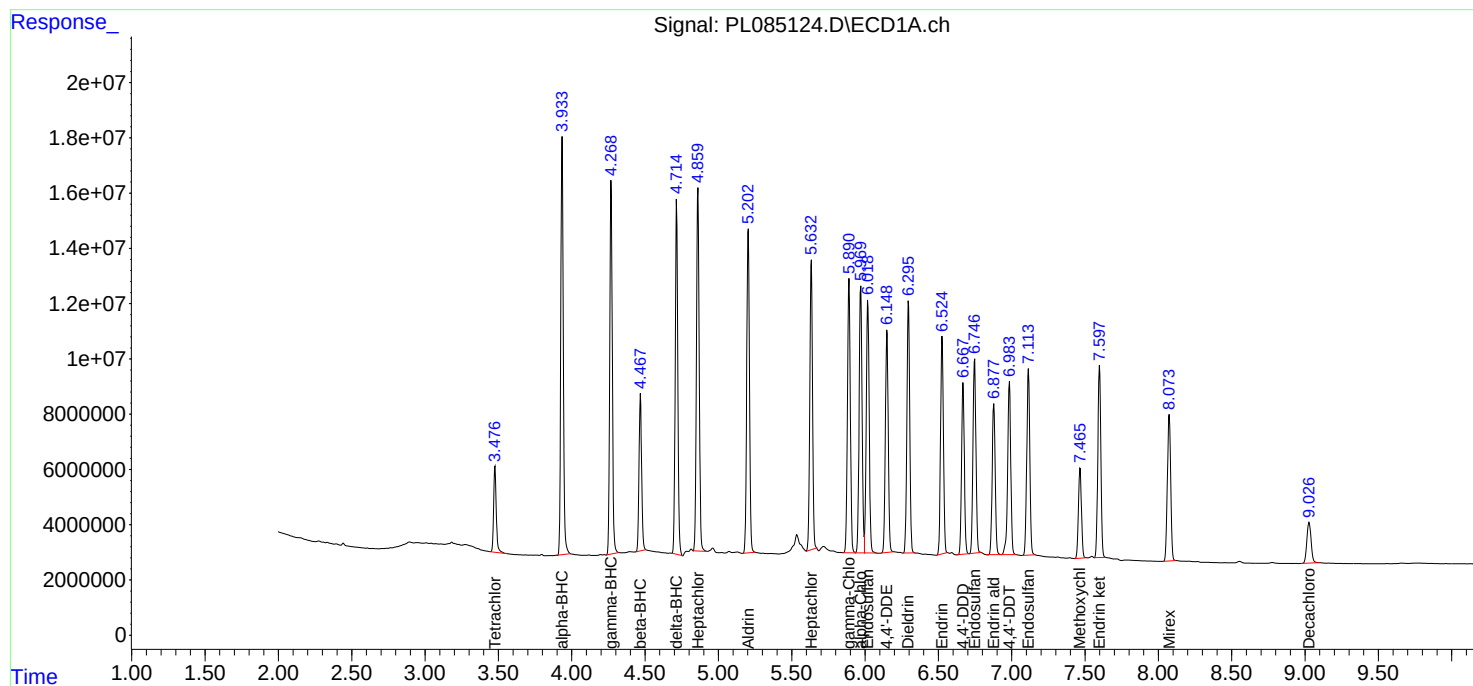
## APPROVED

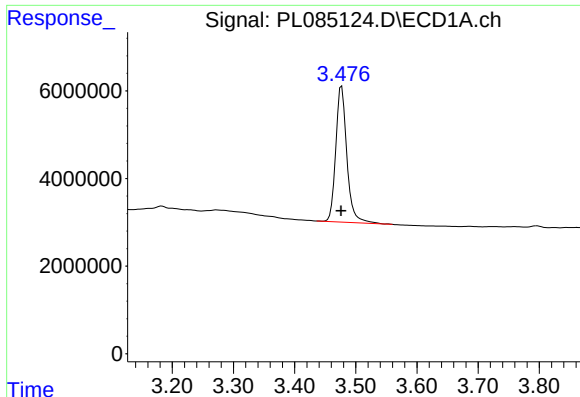
Reviewed By :Abdul Mirza 09/06/2023

Supervised By :Ankita Jodhani 09/06/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 06 10:37:42 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 05 15:22:36 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





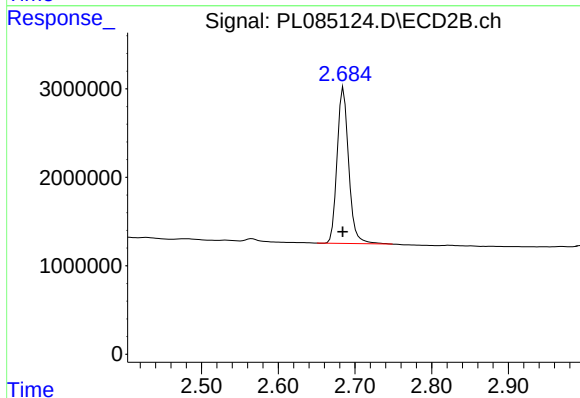
#1 Tetrachloro-m-xylene

R.T.: 3.477 min  
Delta R.T.: 0.000 min  
Response: 39086987  
Conc: 15.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155320BS

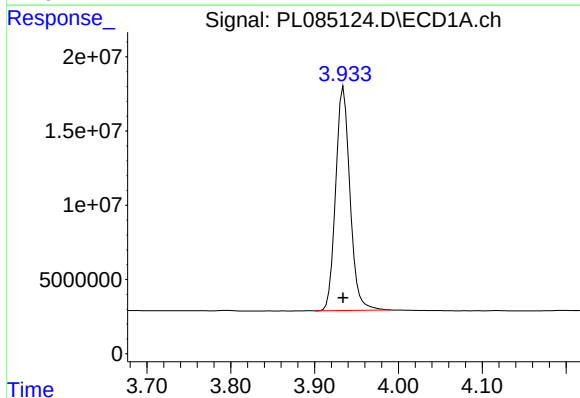
Manual Integrations  
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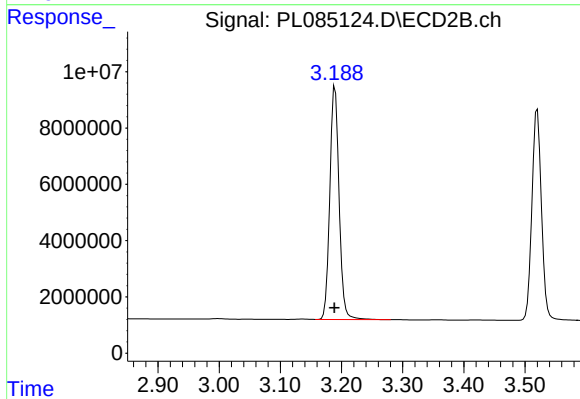
#1 Tetrachloro-m-xylene

R.T.: 2.685 min  
Delta R.T.: 0.000 min  
Response: 18462230  
Conc: 16.25 ng/ml



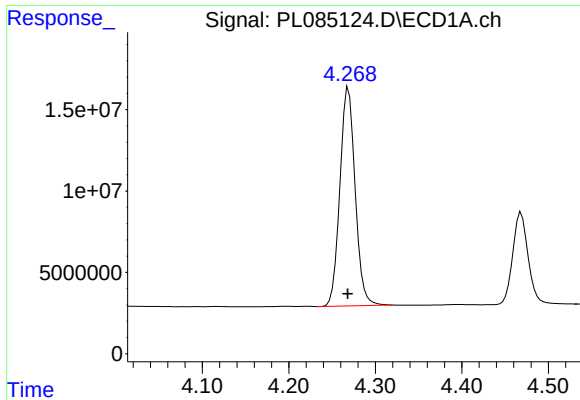
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 178932081  
Conc: 51.93 ng/ml



#2 alpha-BHC

R.T.: 3.189 min  
Delta R.T.: 0.001 min  
Response: 87181158  
Conc: 53.31 ng/ml



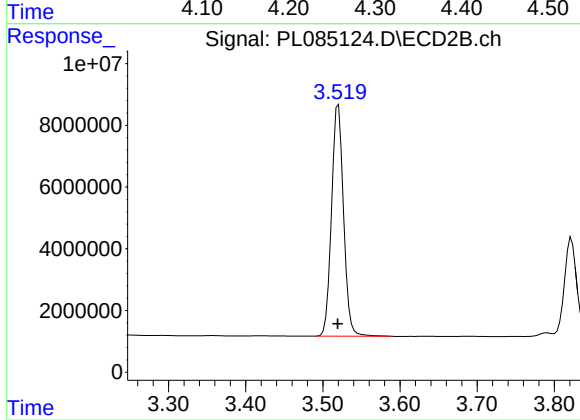
#3 gamma-BHC (Lindane)

R.T.: 4.269 min  
Delta R.T.: 0.000 min  
Response: 163465858  
Conc: 49.24 ng/ml

Instrument :  
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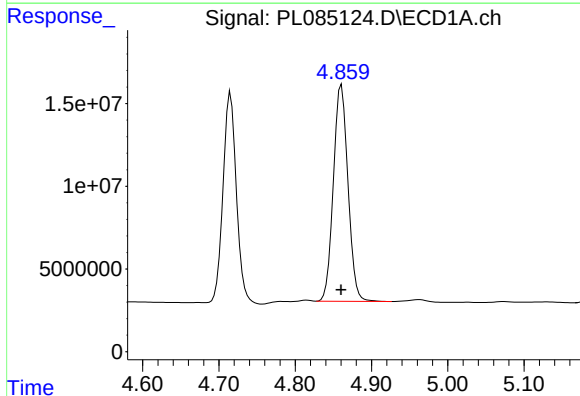
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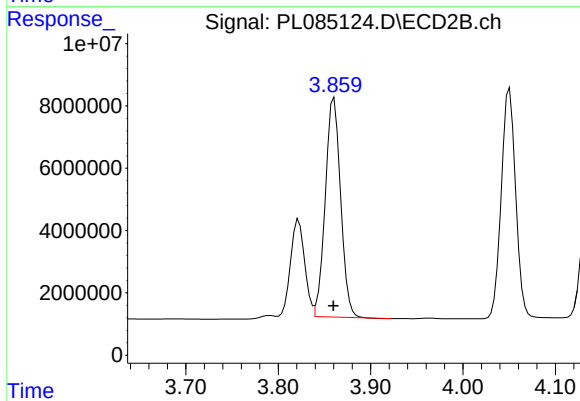
#3 gamma-BHC (Lindane)

R.T.: 3.520 min  
Delta R.T.: 0.000 min  
Response: 81429018  
Conc: 51.02 ng/ml



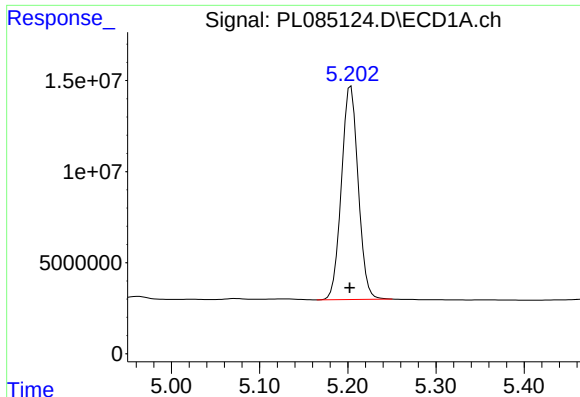
#4 Heptachlor

R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 173645432  
Conc: 52.66 ng/ml



#4 Heptachlor

R.T.: 3.860 min  
Delta R.T.: 0.000 min  
Response: 81218349  
Conc: 53.52 ng/ml



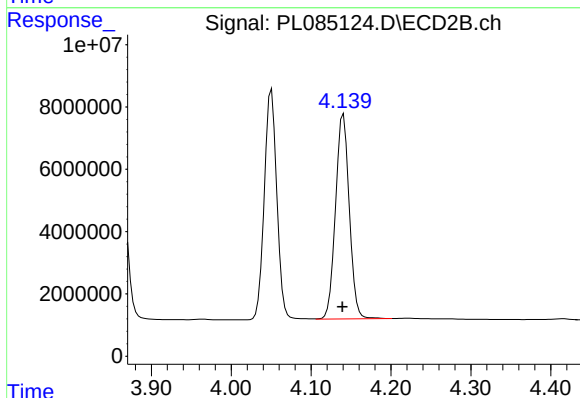
#5 Aldrin

R.T.: 5.204 min  
Delta R.T.: 0.001 min  
Response: 154407816  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155320BS

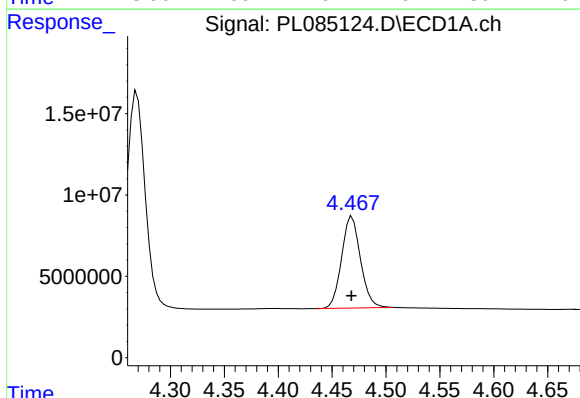
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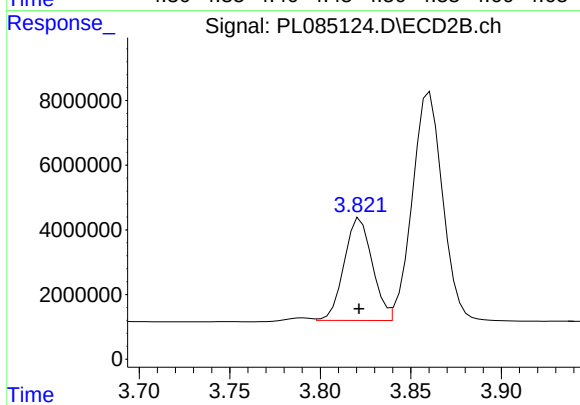
#5 Aldrin

R.T.: 4.141 min  
Delta R.T.: 0.001 min  
Response: 78654744  
Conc: 51.45 ng/ml



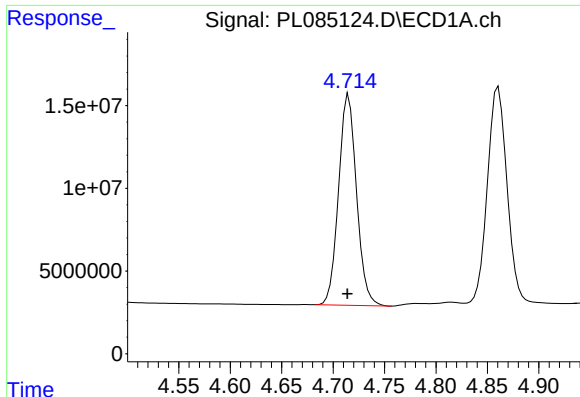
#6 beta-BHC

R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 68915681  
Conc: 48.76 ng/ml



#6 beta-BHC

R.T.: 3.821 min  
Delta R.T.: 0.000 min  
Response: 33996535  
Conc: 50.10 ng/ml m



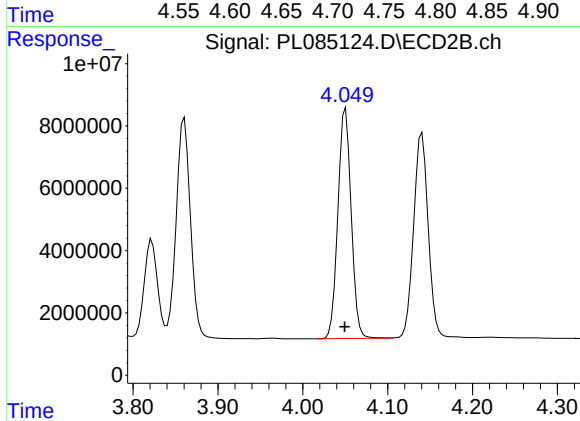
#7 delta-BHC

R.T.: 4.715 min  
Delta R.T.: 0.001 min  
Response: 155108397  
Conc: 49.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155320BS

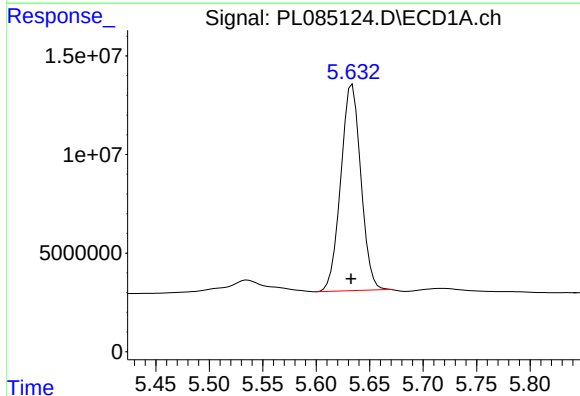
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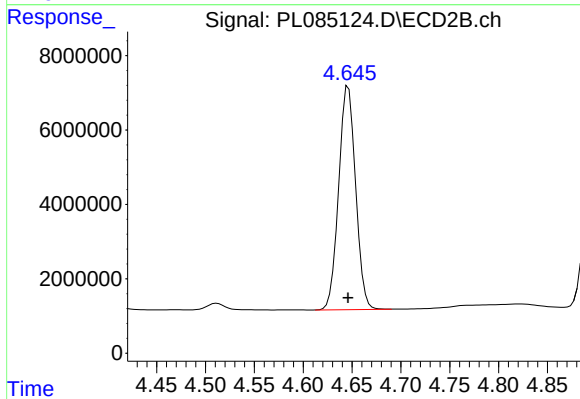
#7 delta-BHC

R.T.: 4.050 min  
Delta R.T.: 0.000 min  
Response: 80410034  
Conc: 51.42 ng/ml



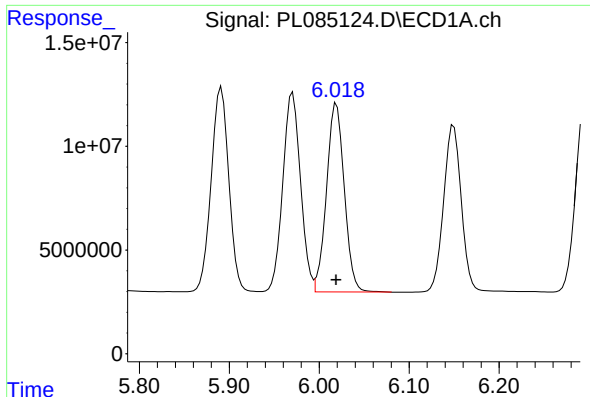
#8 Heptachlor epoxide

R.T.: 5.634 min  
Delta R.T.: 0.001 min  
Response: 136942530  
Conc: 52.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 72562852  
Conc: 52.88 ng/ml



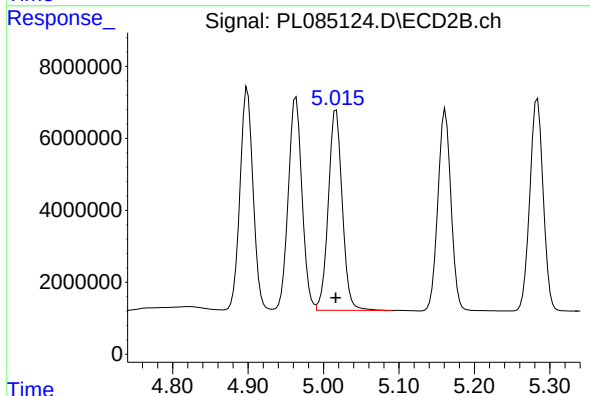
#9 Endosulfan I

R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 124990165  
Conc: 52.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155320BS

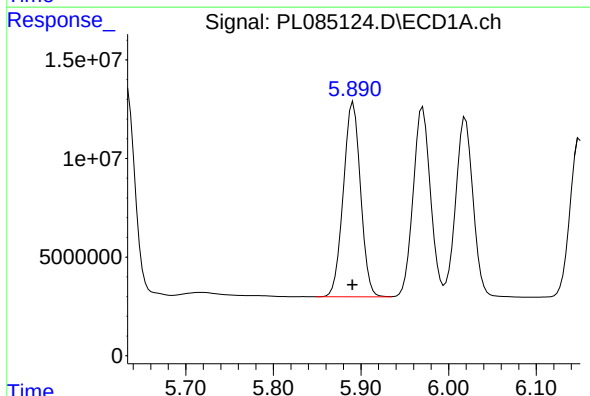
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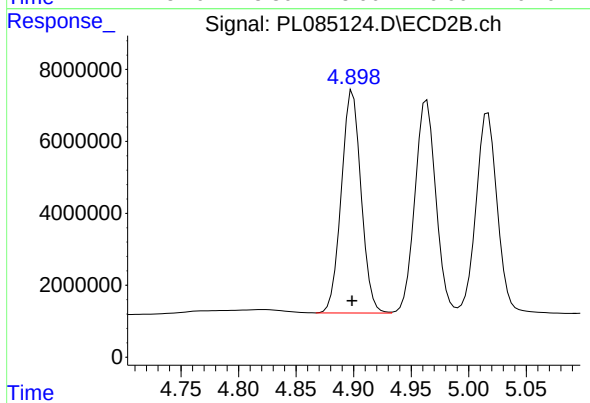
#9 Endosulfan I

R.T.: 5.017 min  
Delta R.T.: 0.000 min  
Response: 71675968  
Conc: 52.28 ng/ml



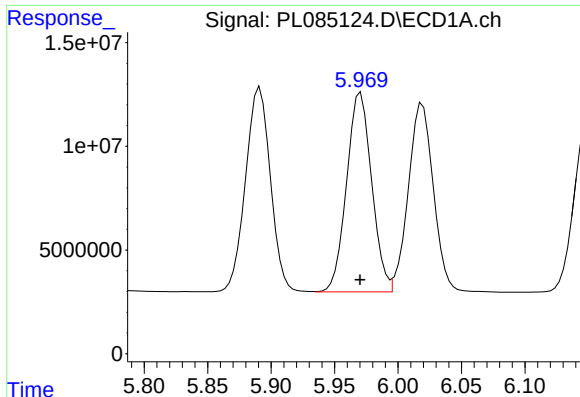
#10 gamma-Chlordane

R.T.: 5.891 min  
Delta R.T.: 0.001 min  
Response: 134738381  
Conc: 51.87 ng/ml



#10 gamma-Chlordane

R.T.: 4.899 min  
Delta R.T.: 0.000 min  
Response: 74117357  
Conc: 53.74 ng/ml



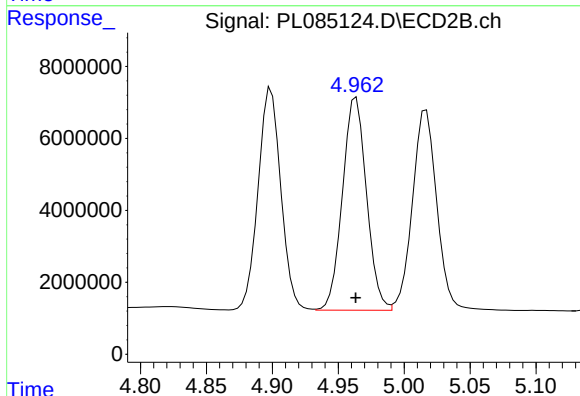
#11 alpha-Chlordane

R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 132039949  
Conc: 51.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155320BS

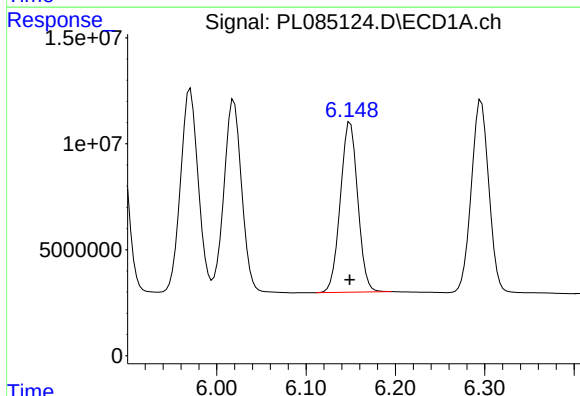
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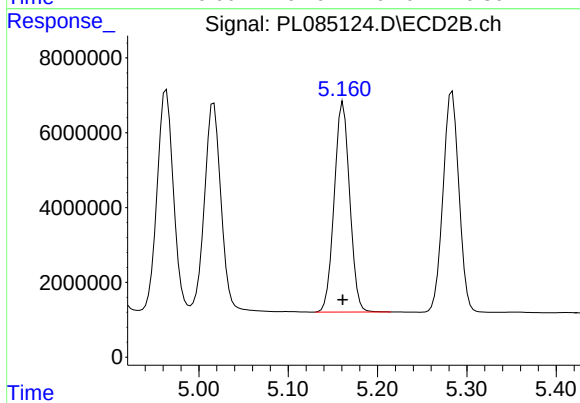
#11 alpha-Chlordane

R.T.: 4.964 min  
Delta R.T.: 0.000 min  
Response: 75032380  
Conc: 50.21 ng/ml



#12 4,4'-DDE

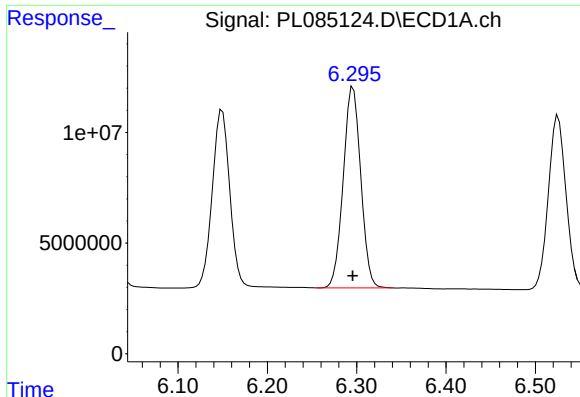
R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 108782900  
Conc: 52.33 ng/ml



#12 4,4'-DDE

R.T.: 5.161 min  
Delta R.T.: 0.000 min  
Response: 67512484  
Conc: 54.27 ng/ml





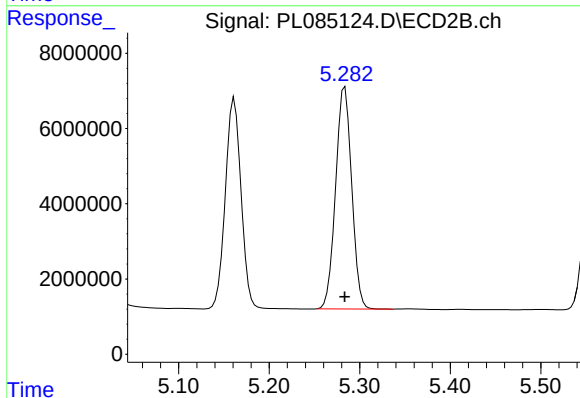
#13 Dieldrin

R.T.: 6.296 min  
Delta R.T.: 0.000 min  
Response: 123707490  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155320BS

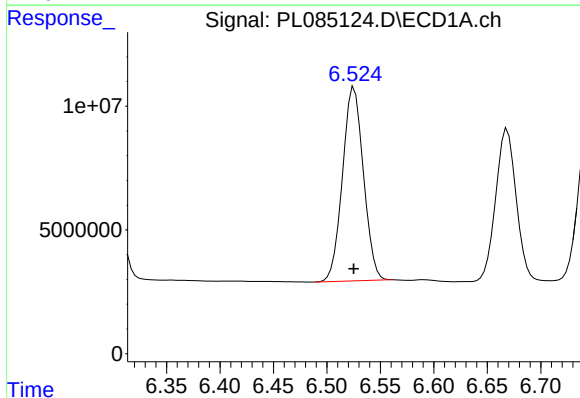
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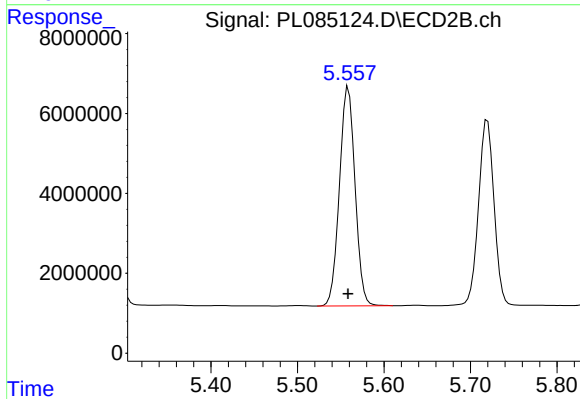
#13 Dieldrin

R.T.: 5.284 min  
Delta R.T.: 0.000 min  
Response: 72855553  
Conc: 51.82 ng/ml



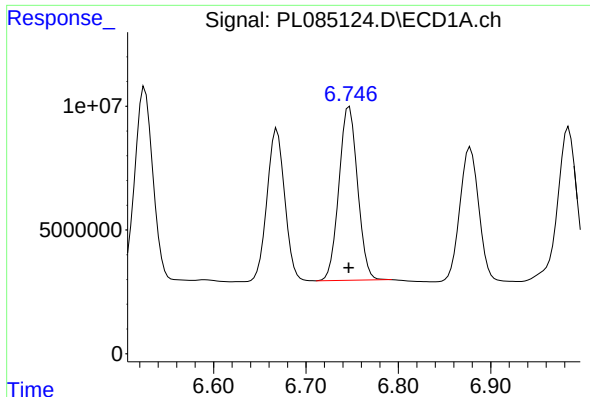
#14 Endrin

R.T.: 6.526 min  
Delta R.T.: 0.000 min  
Response: 106748019  
Conc: 51.68 ng/ml



#14 Endrin

R.T.: 5.559 min  
Delta R.T.: 0.000 min  
Response: 68243585  
Conc: 53.39 ng/ml



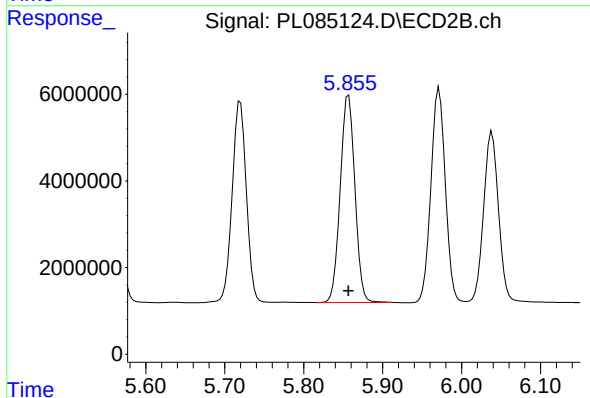
#15 Endosulfan II

R.T.: 6.747 min  
Delta R.T.: 0.000 min  
Response: 98360205  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155320BS

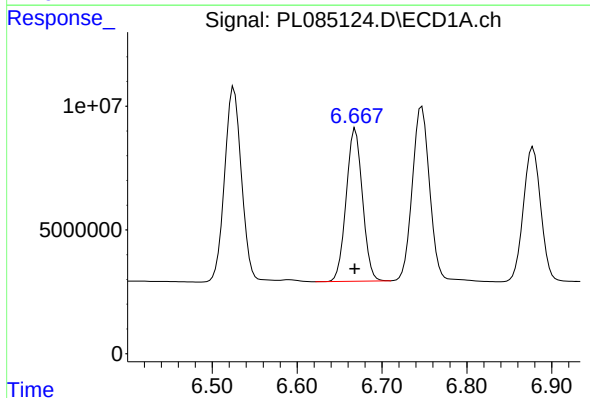
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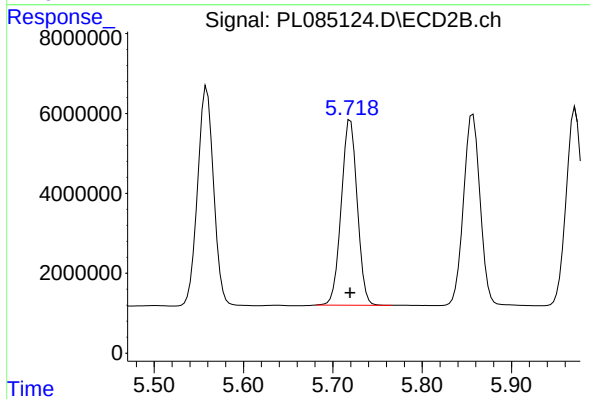
#15 Endosulfan II

R.T.: 5.857 min  
Delta R.T.: 0.000 min  
Response: 61812539  
Conc: 49.92 ng/ml



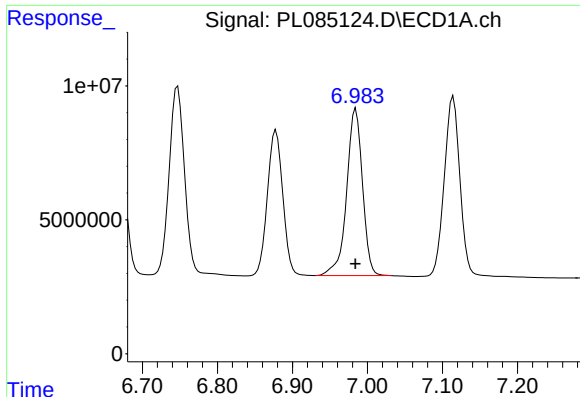
#16 4,4'-DDD

R.T.: 6.669 min  
Delta R.T.: 0.000 min  
Response: 81932213  
Conc: 53.22 ng/ml



#16 4,4'-DDD

R.T.: 5.720 min  
Delta R.T.: 0.000 min  
Response: 57617861  
Conc: 54.84 ng/ml



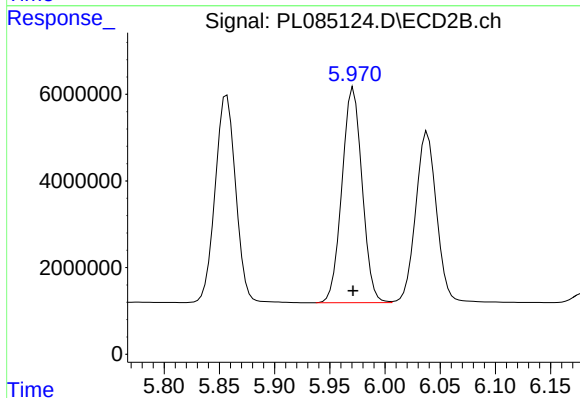
#17 4,4'-DDT

R.T.: 6.984 min  
Delta R.T.: 0.000 min  
Response: 91520755  
Conc: 54.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155320BS

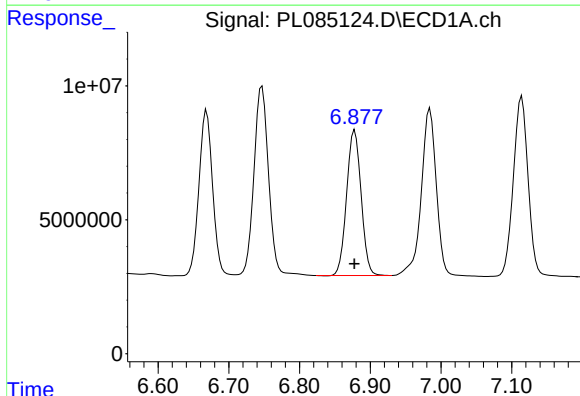
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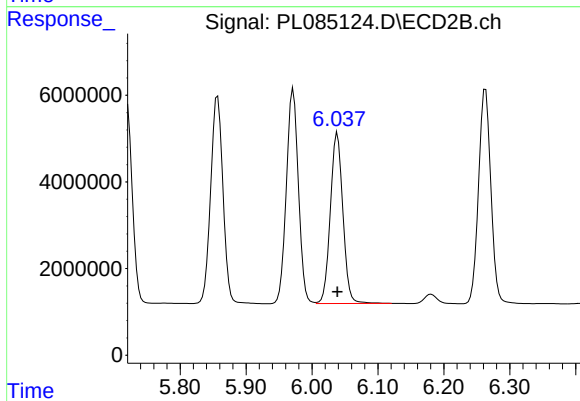
#17 4,4'-DDT

R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 63066008  
Conc: 54.09 ng/ml



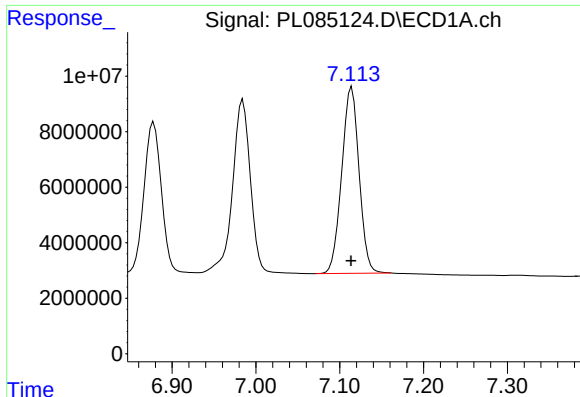
#18 Endrin aldehyde

R.T.: 6.878 min  
Delta R.T.: 0.000 min  
Response: 77363043  
Conc: 50.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.038 min  
Delta R.T.: 0.000 min  
Response: 52022305  
Conc: 50.93 ng/ml



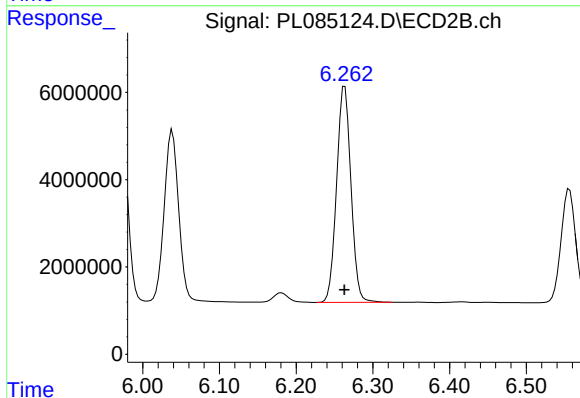
#19 Endosulfan Sulfate

R.T.: 7.114 min  
Delta R.T.: 0.000 min  
Response: 96574145  
Conc: 51.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155320BS

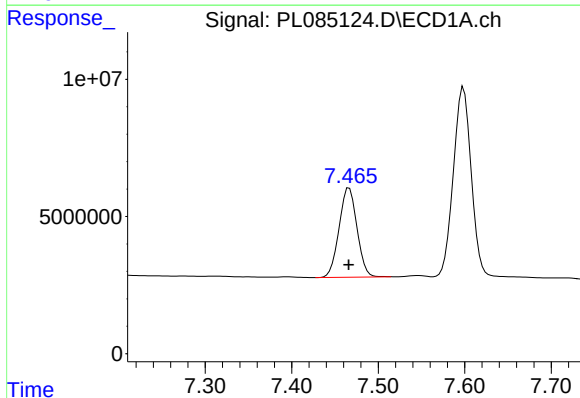
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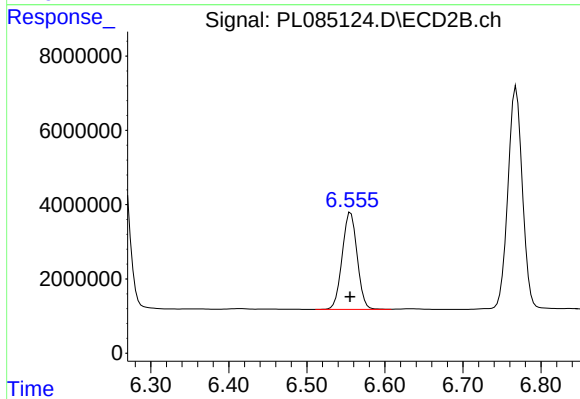
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: 0.000 min  
Response: 64421933  
Conc: 53.69 ng/ml



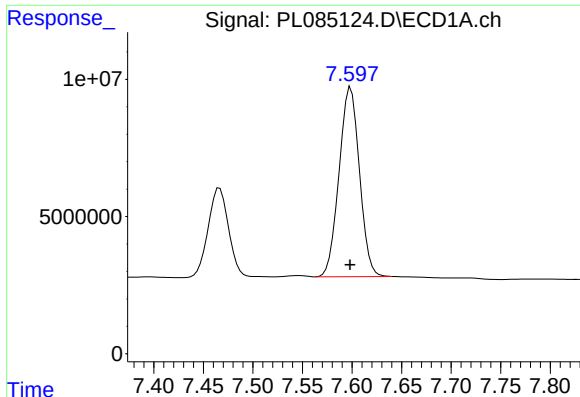
#20 Methoxychlor

R.T.: 7.467 min  
Delta R.T.: 0.000 min  
Response: 46610831  
Conc: 51.30 ng/ml



#20 Methoxychlor

R.T.: 6.556 min  
Delta R.T.: 0.000 min  
Response: 34764009  
Conc: 51.68 ng/ml



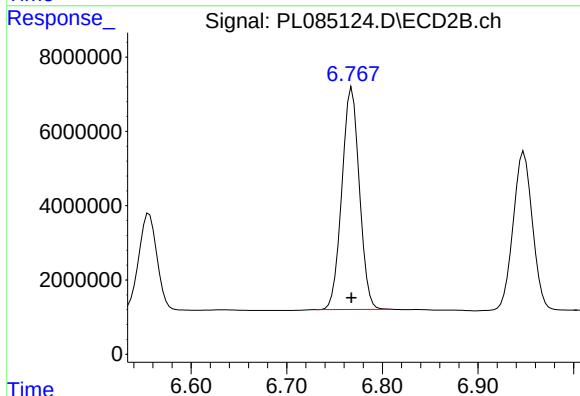
#21 Endrin ketone

R.T.: 7.599 min  
Delta R.T.: 0.000 min  
Response: 98736232  
Conc: 50.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155320BS

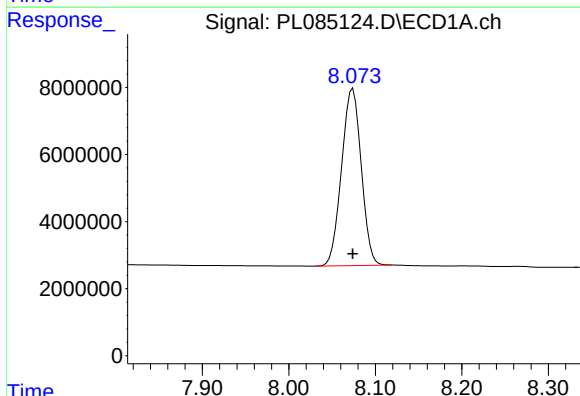
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2023  
Supervised By :Ankita Jodhani 09/06/2023



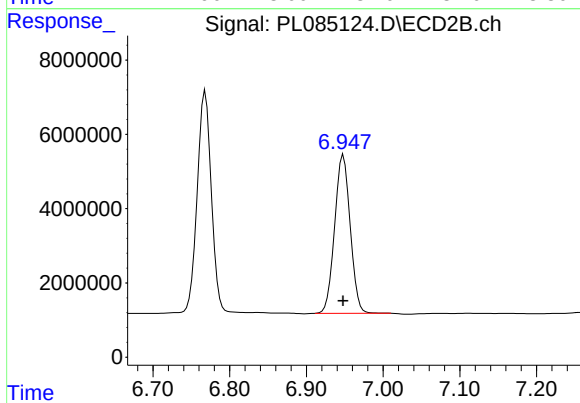
#21 Endrin ketone

R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 76252346  
Conc: 51.70 ng/ml



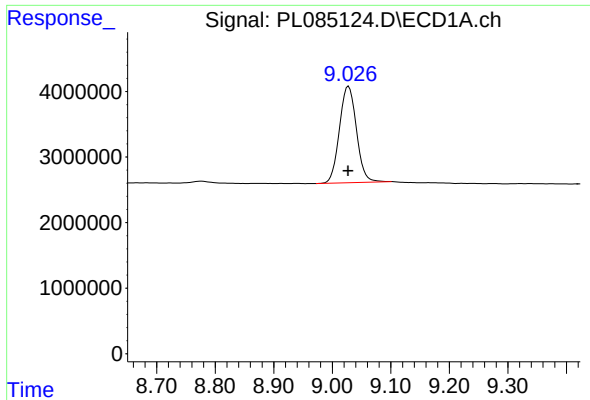
#22 Mirex

R.T.: 8.074 min  
Delta R.T.: 0.000 min  
Response: 83082967  
Conc: 49.89 ng/ml



#22 Mirex

R.T.: 6.948 min  
Delta R.T.: 0.000 min  
Response: 60132148  
Conc: 50.78 ng/ml



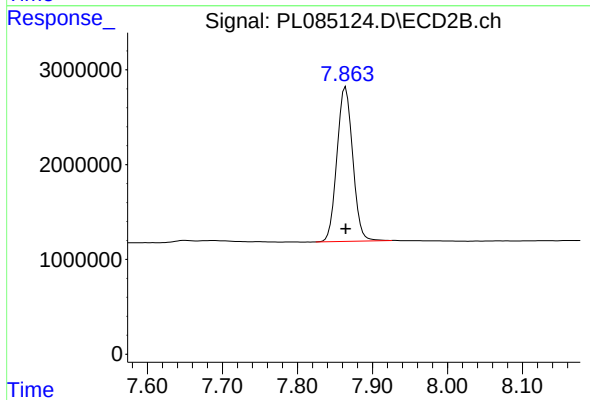
#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: 0.000 min  
Response: 29717046  
Conc: 18.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155320BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2023  
Supervised By :Ankita Jodhani 09/06/2023



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: 0.000 min  
Response: 23786737  
Conc: 17.87 ng/ml