

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100423\  
 Data File : PL085677.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Oct 2023 10:53  
 Operator : AR\AJ  
 Sample : PB155925BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB155925BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 10/05/2023  
 Supervised By : Ankita Jodhani 10/05/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 21:17:38 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...          | 3.368 | 2.623 | 60860478 | 19443767 | 20.463  | 20.815   |
| 28) SA Decachlor...         | 8.866 | 7.777 | 54382970 | 24276395 | 24.969  | 26.302   |
| Target Compounds            |       |       |          |          |         |          |
| 2) A alpha-BHC              | 3.822 | 3.122 | 47422998 | 13626187 | 11.049  | 10.830   |
| 3) MA gamma-BHC...          | 4.154 | 3.450 | 45396227 | 13351378 | 10.983  | 10.825   |
| 4) MA Heptachlor            | 4.741 | 3.786 | 47415209 | 14253983 | 12.260  | 12.256   |
| 5) MB Aldrin                | 5.080 | 4.064 | 44106573 | 12335038 | 11.378  | 11.031   |
| 6) B beta-BHC               | 4.356 | 3.752 | 19447497 | 6597224  | 11.761  | 12.673   |
| 7) B delta-BHC              | 4.600 | 3.977 | 43663015 | 12164655 | 11.387  | 10.587   |
| 8) B Heptachlo...           | 5.509 | 4.569 | 40176239 | 12316513 | 11.646m | 12.263   |
| 9) A Endosulfan I           | 5.894 | 4.935 | 38344873 | 11352806 | 11.857  | 10.583m  |
| 10) B gamma-Chl...          | 5.767 | 4.821 | 40925810 | 12241460 | 11.962  | 12.360   |
| 11) B alpha-Chl...          | 5.847 | 4.883 | 40830641 | 12469268 | 11.947  | 11.432m  |
| 12) B 4,4'-DDE              | 6.029 | 5.084 | 31631478 | 9472472  | 11.311  | 11.536   |
| 13) MA Dieldrin             | 6.171 | 5.202 | 36267955 | 11243663 | 11.037  | 11.589   |
| 14) MA Endrin               | 6.398 | 5.476 | 33582316 | 10687543 | 11.784  | 11.888   |
| 15) B Endosulfa...          | 6.620 | 5.774 | 30427480 | 10833764 | 11.042m | 11.393   |
| 16) A 4,4'-DDD              | 6.548 | 5.640 | 23892902 | 8874491  | 11.860  | 12.750   |
| 17) MA 4,4'-DDT             | 6.863 | 5.891 | 25911821 | 10945504 | 10.993  | 13.842 # |
| 18) B Endrin al...          | 6.750 | 5.954 | 24210530 | 9750054  | 11.945m | 13.075m  |
| 19) B Endosulfa...          | 6.988 | 6.180 | 29278002 | 10652981 | 11.666  | 11.809   |
| 20) A Methoxychlor          | 7.348 | 6.475 | 19538052 | 6051223  | 13.990  | 11.503   |
| 21) B Endrin ke...          | 7.469 | 6.681 | 31903135 | 15862893 | 11.076  | 13.801m  |
| 22) Mirex                   | 7.940 | 6.859 | 34180491 | 14661072 | 15.438m | 15.544   |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100423\  
Data File : PL085677.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Oct 2023 10:53  
Operator : AR\AJ  
Sample : PB155925BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB155925BS

## Manual Integrations

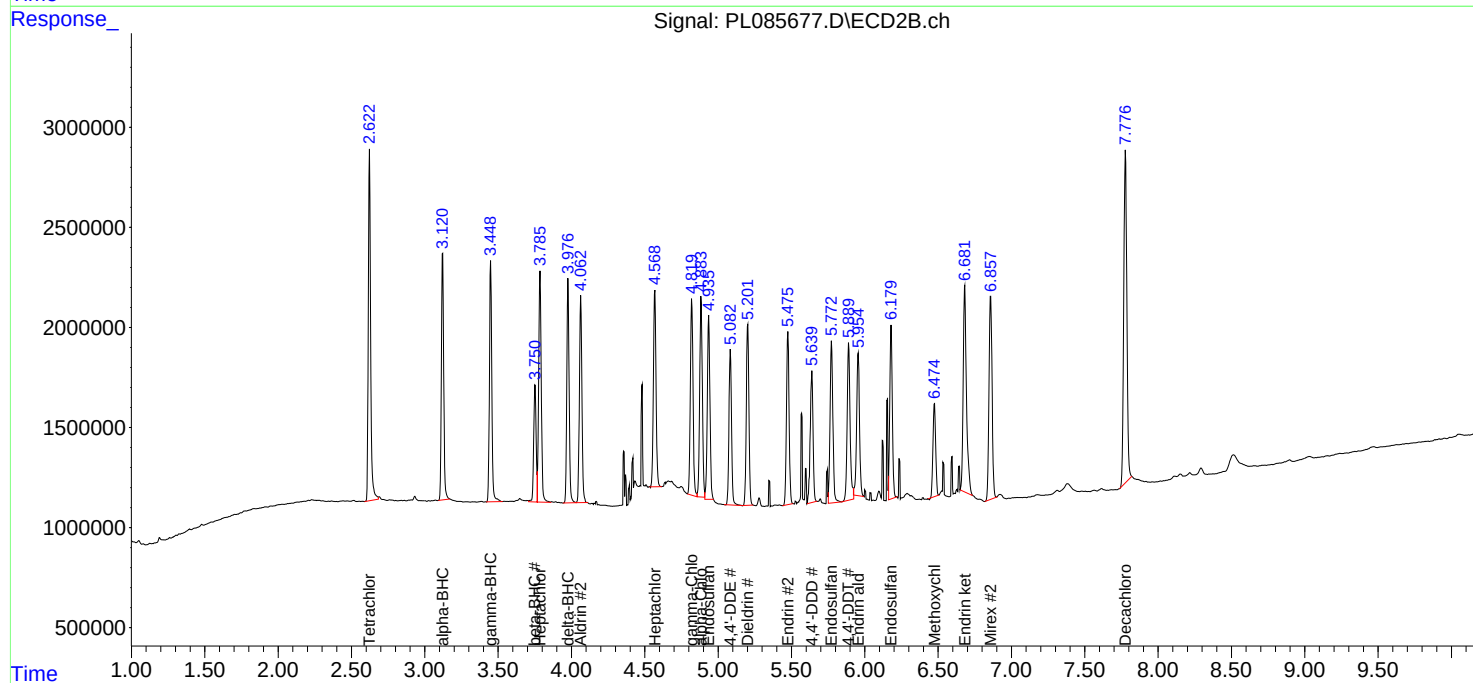
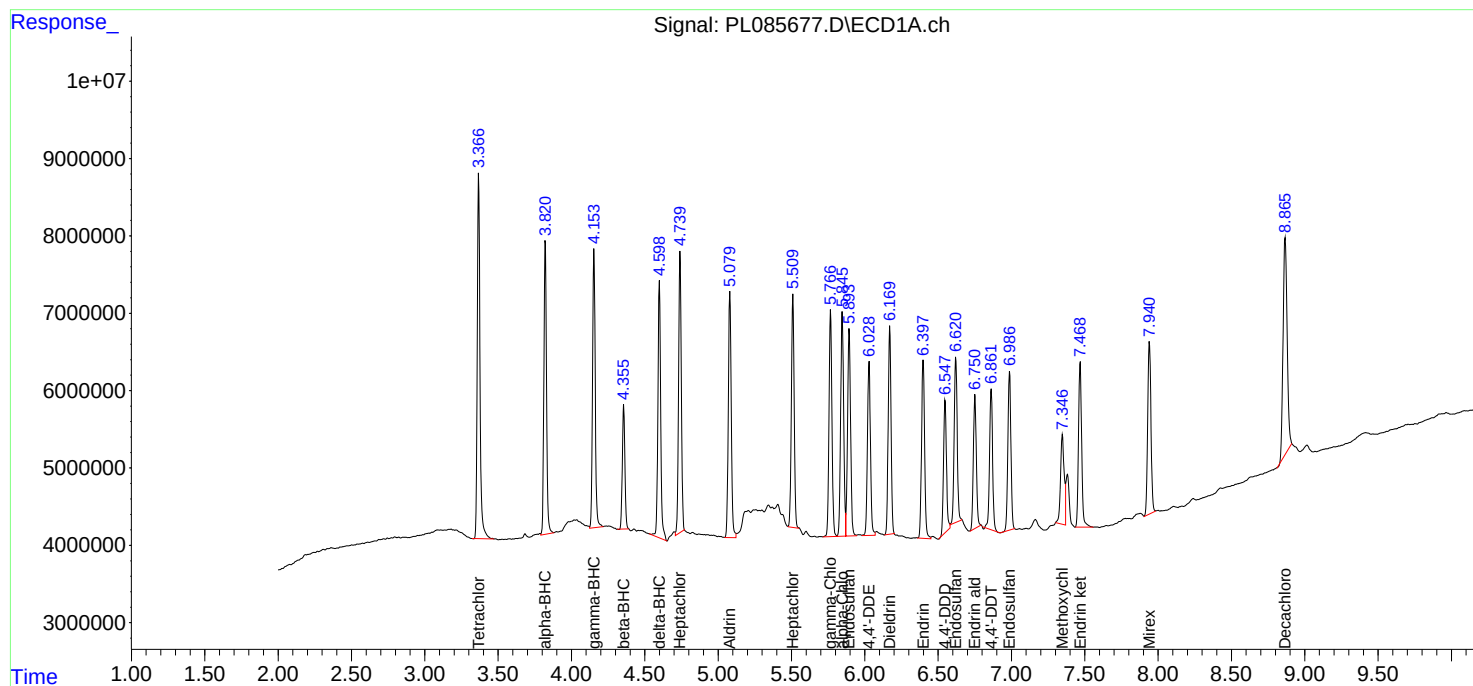
## APPROVED

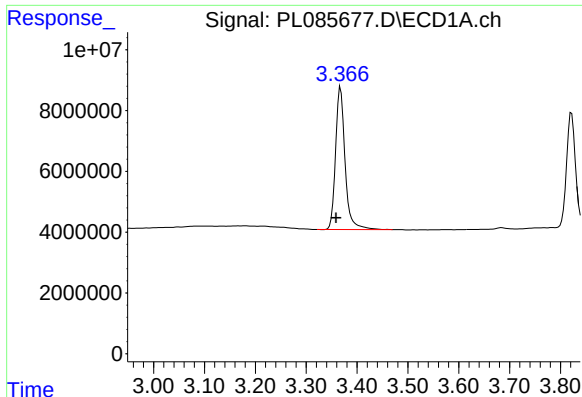
Reviewed By :Abdul Mirza 10/05/2023

Supervised By :Ankita Jodhani 10/05/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 21:17:38 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.: 3.368 min  
Delta R.T.: 0.009 min  
Response: 60860478  
Conc: 20.46 ng/ml

Instrument :

ECD\_L

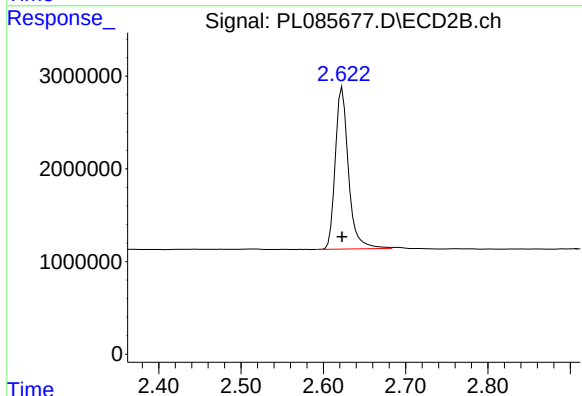
ClientSampleId :

PB155925BS

Manual Integrations

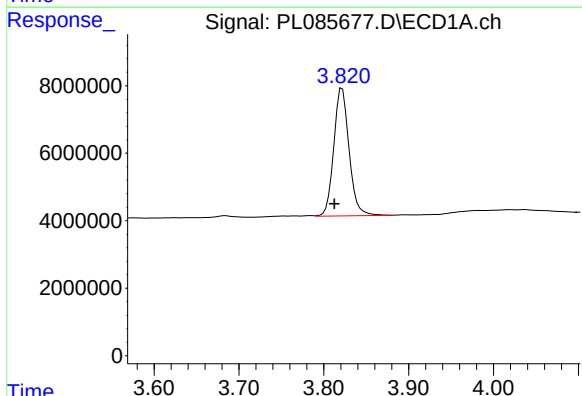
APPROVED

Reviewed By :Abdul Mirza 10/05/2023  
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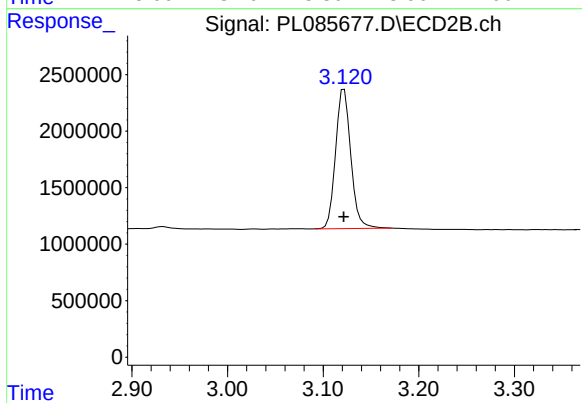
#1 Tetrachloro-m-xylene

R.T.: 2.623 min  
Delta R.T.: 0.000 min  
Response: 19443767  
Conc: 20.82 ng/ml



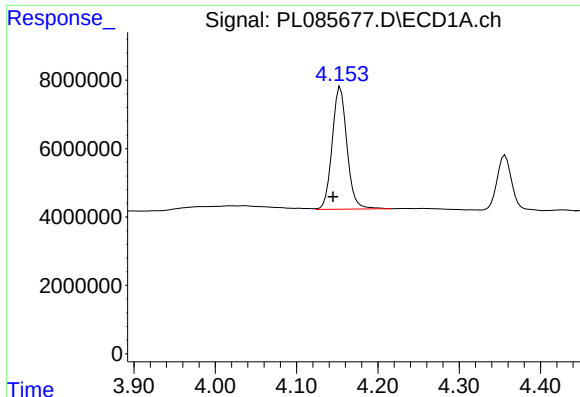
#2 alpha-BHC

R.T.: 3.822 min  
Delta R.T.: 0.009 min  
Response: 47422998  
Conc: 11.05 ng/ml



#2 alpha-BHC

R.T.: 3.122 min  
Delta R.T.: 0.000 min  
Response: 13626187  
Conc: 10.83 ng/ml



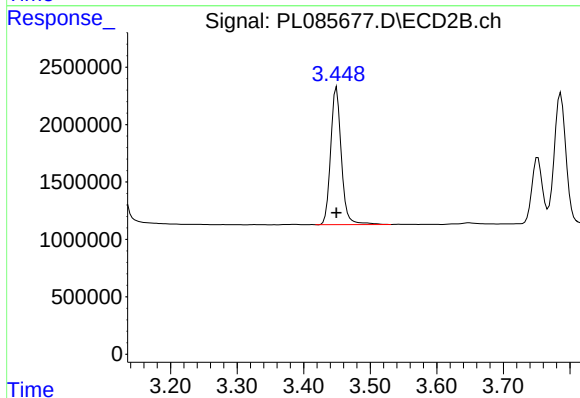
#3 gamma-BHC (Lindane)

R.T.: 4.154 min  
Delta R.T.: 0.009 min  
Response: 45396227  
Conc: 10.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155925BS

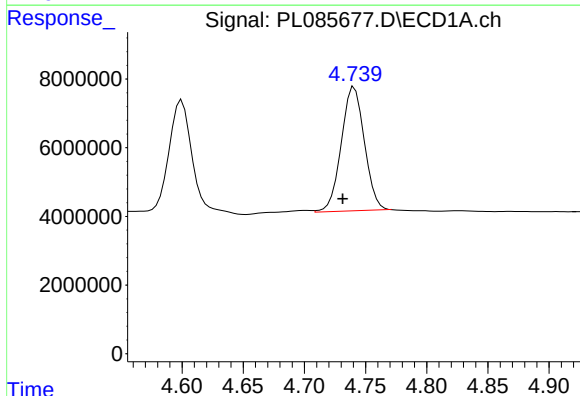
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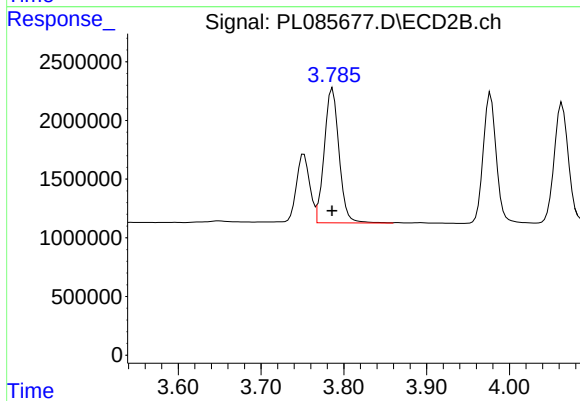
#3 gamma-BHC (Lindane)

R.T.: 3.450 min  
Delta R.T.: 0.000 min  
Response: 13351378  
Conc: 10.83 ng/ml



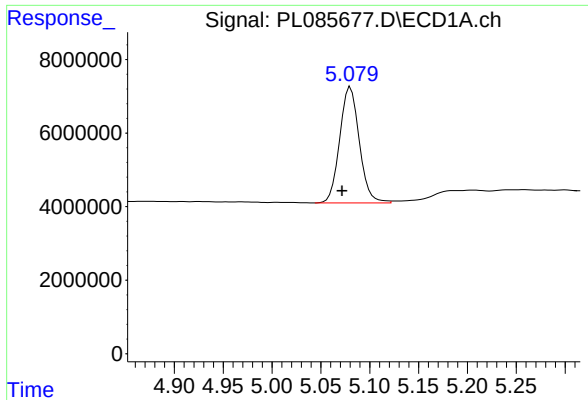
#4 Heptachlor

R.T.: 4.741 min  
Delta R.T.: 0.009 min  
Response: 47415209  
Conc: 12.26 ng/ml



#4 Heptachlor

R.T.: 3.786 min  
Delta R.T.: 0.000 min  
Response: 14253983  
Conc: 12.26 ng/ml



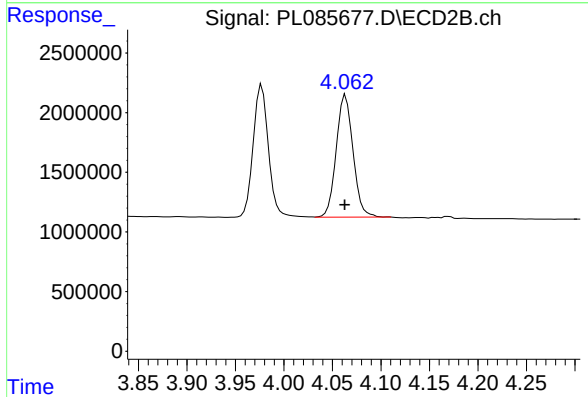
#5 Aldrin

R.T.: 5.080 min  
Delta R.T.: 0.008 min  
Response: 44106573  
Conc: 11.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155925BS

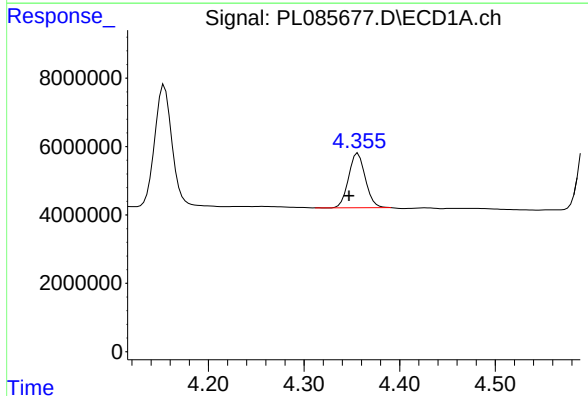
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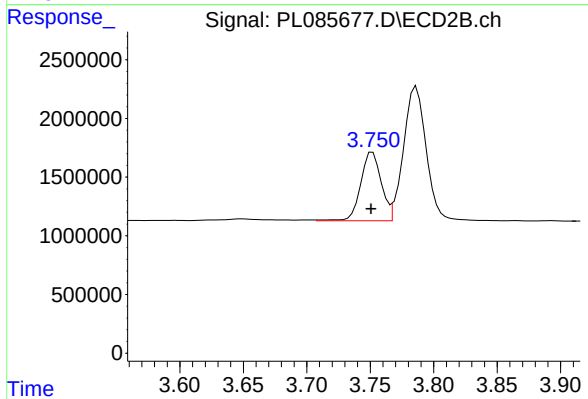
#5 Aldrin

R.T.: 4.064 min  
Delta R.T.: 0.001 min  
Response: 12335038  
Conc: 11.03 ng/ml



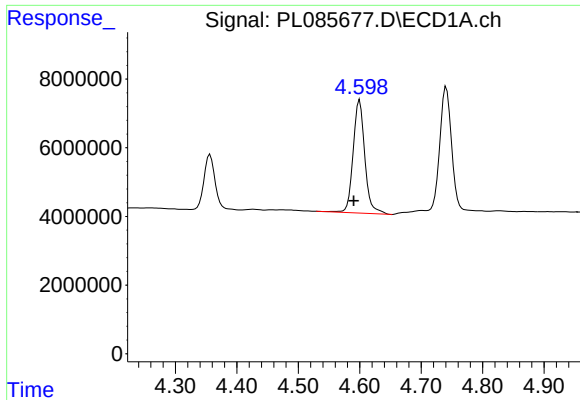
#6 beta-BHC

R.T.: 4.356 min  
Delta R.T.: 0.009 min  
Response: 19447497  
Conc: 11.76 ng/ml



#6 beta-BHC

R.T.: 3.752 min  
Delta R.T.: 0.001 min  
Response: 6597224  
Conc: 12.67 ng/ml



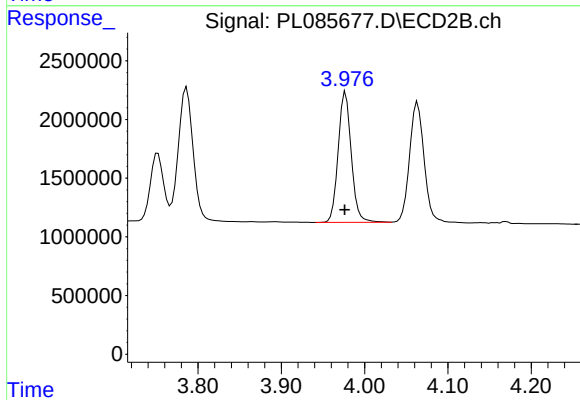
#7 delta-BHC

R.T.: 4.600 min  
Delta R.T.: 0.010 min  
Response: 43663015  
Conc: 11.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155925BS

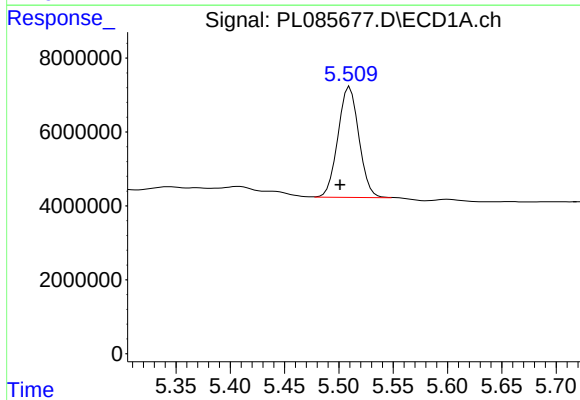
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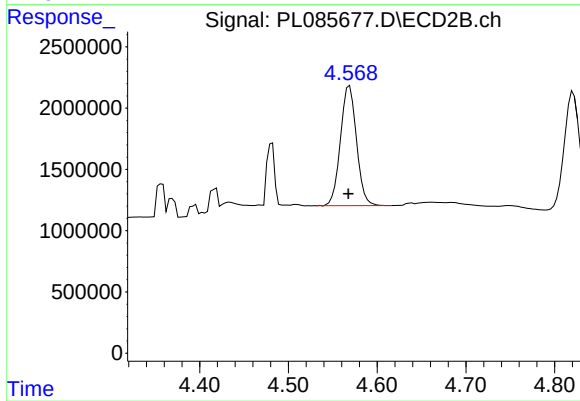
#7 delta-BHC

R.T.: 3.977 min  
Delta R.T.: 0.001 min  
Response: 12164655  
Conc: 10.59 ng/ml



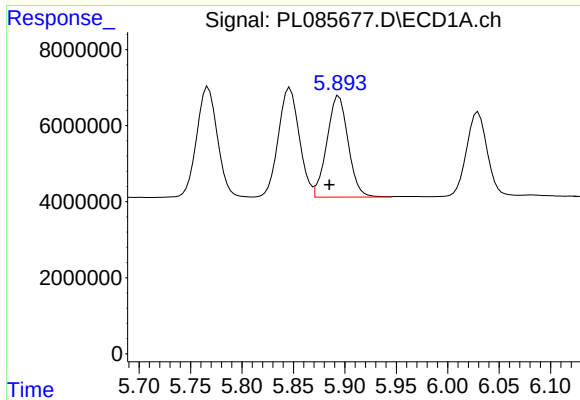
#8 Heptachlor epoxide

R.T.: 5.509 min  
Delta R.T.: 0.008 min  
Response: 40176239  
Conc: 11.65 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.569 min  
Delta R.T.: 0.001 min  
Response: 12316513  
Conc: 12.26 ng/ml



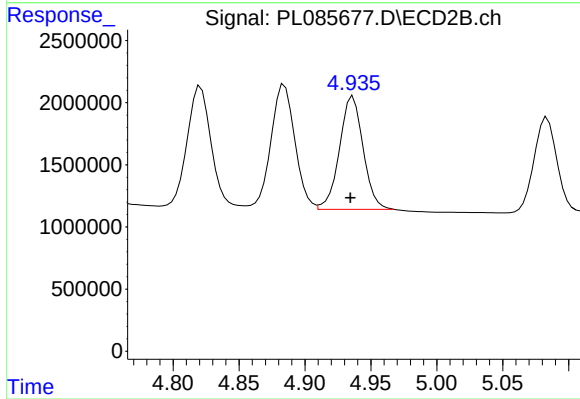
#9 Endosulfan I

R.T.: 5.894 min  
Delta R.T.: 0.009 min  
Response: 38344873  
Conc: 11.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155925BS

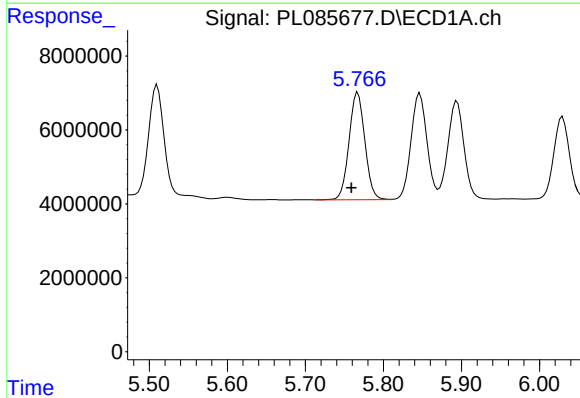
Manual Integrations  
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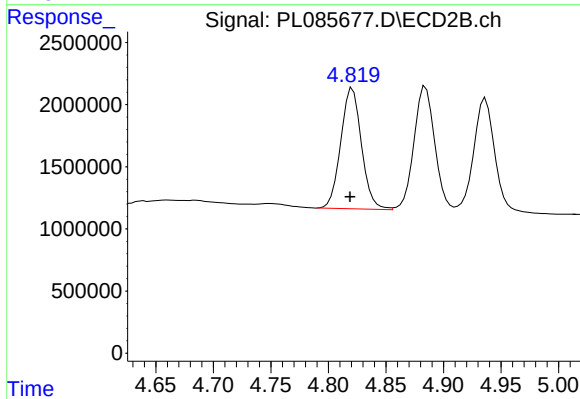
#9 Endosulfan I

R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 11352806  
Conc: 10.58 ng/ml m



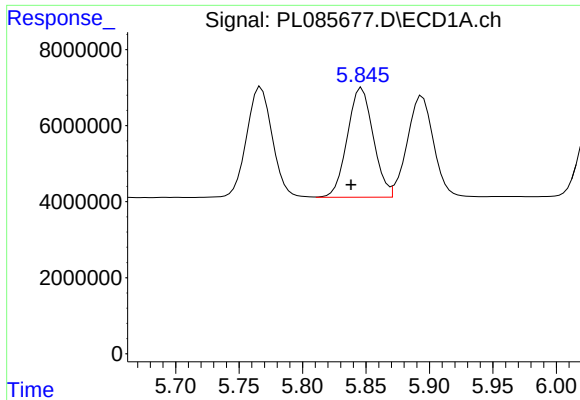
#10 gamma-Chlordane

R.T.: 5.767 min  
Delta R.T.: 0.008 min  
Response: 40925810  
Conc: 11.96 ng/ml



#10 gamma-Chlordane

R.T.: 4.821 min  
Delta R.T.: 0.002 min  
Response: 12241460  
Conc: 12.36 ng/ml



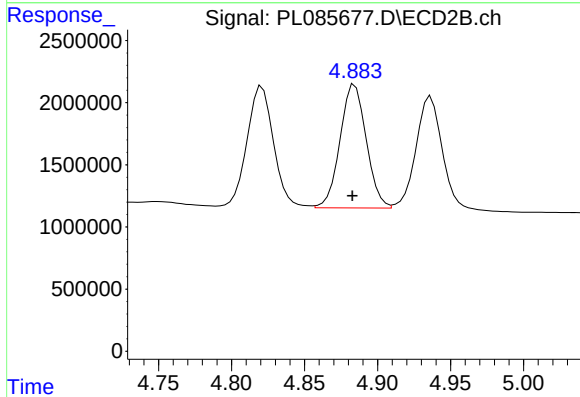
#11 alpha-Chlordane

R.T.: 5.847 min  
Delta R.T.: 0.008 min  
Response: 40830641  
Conc: 11.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155925BS

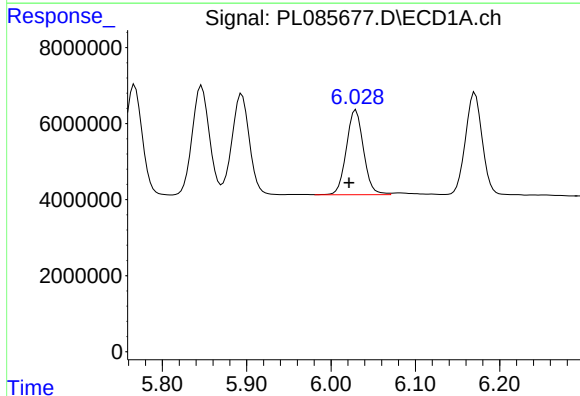
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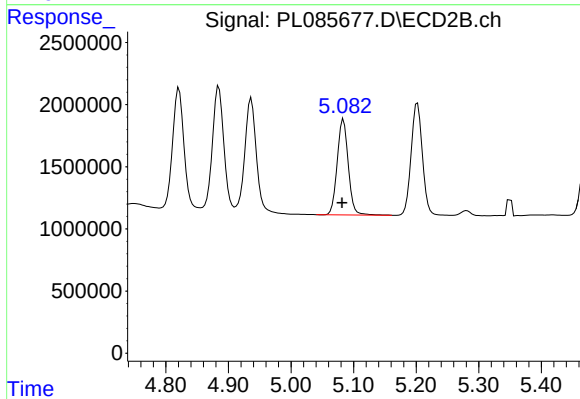
#11 alpha-Chlordane

R.T.: 4.883 min  
Delta R.T.: 0.000 min  
Response: 12469268  
Conc: 11.43 ng/ml m



#12 4,4'-DDE

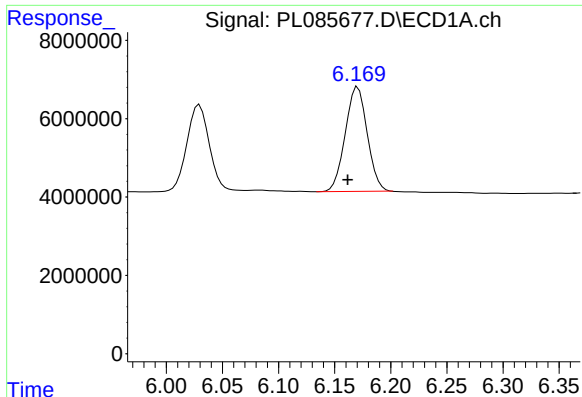
R.T.: 6.029 min  
Delta R.T.: 0.008 min  
Response: 31631478  
Conc: 11.31 ng/ml



#12 4,4'-DDE

R.T.: 5.084 min  
Delta R.T.: 0.002 min  
Response: 9472472  
Conc: 11.54 ng/ml





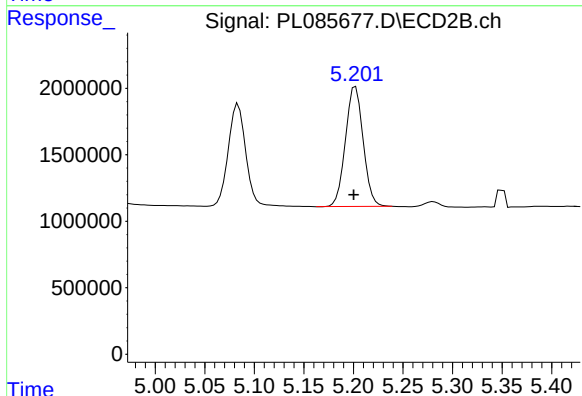
#13 Dieldrin

R.T.: 6.171 min  
Delta R.T.: 0.009 min  
Response: 36267955  
Conc: 11.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155925BS

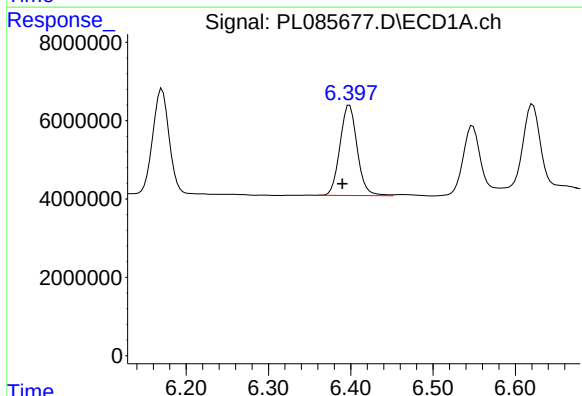
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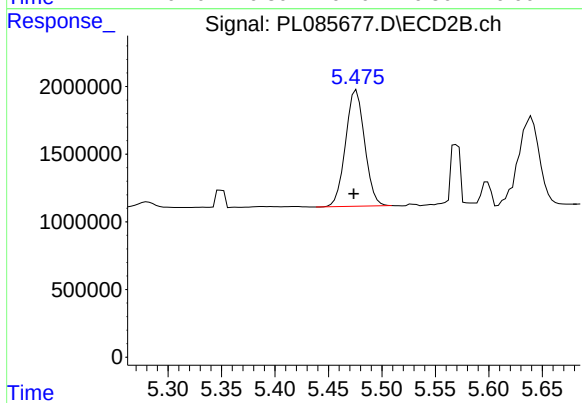
#13 Dieldrin

R.T.: 5.202 min  
Delta R.T.: 0.002 min  
Response: 11243663  
Conc: 11.59 ng/ml



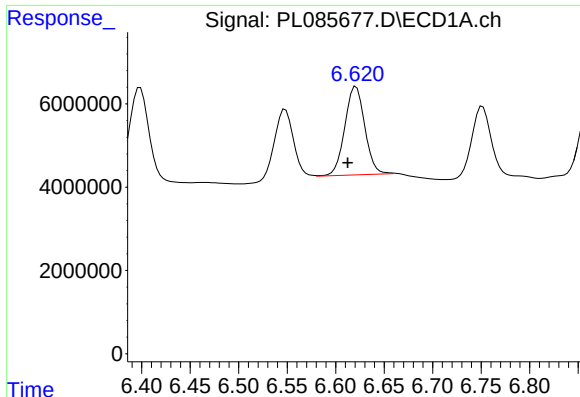
#14 Endrin

R.T.: 6.398 min  
Delta R.T.: 0.008 min  
Response: 33582316  
Conc: 11.78 ng/ml



#14 Endrin

R.T.: 5.476 min  
Delta R.T.: 0.003 min  
Response: 10687543  
Conc: 11.89 ng/ml



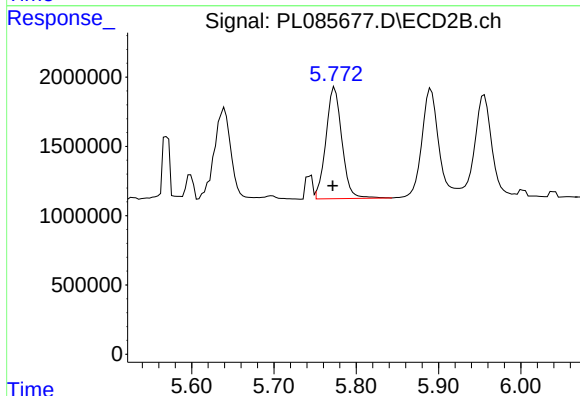
#15 Endosulfan II

R.T.: 6.620 min  
Delta R.T.: 0.007 min  
Response: 30427480  
Conc: 11.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155925BS

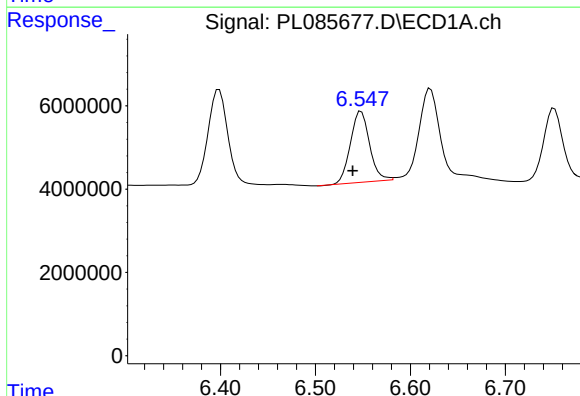
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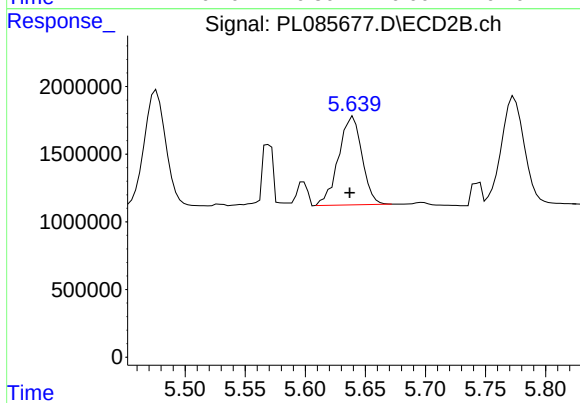
#15 Endosulfan II

R.T.: 5.774 min  
Delta R.T.: 0.003 min  
Response: 10833764  
Conc: 11.39 ng/ml



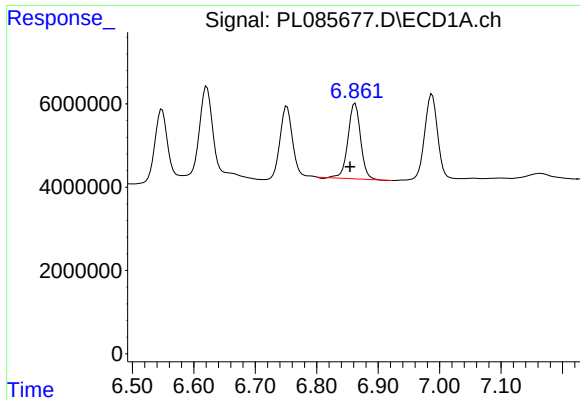
#16 4,4'-DDD

R.T.: 6.548 min  
Delta R.T.: 0.009 min  
Response: 23892902  
Conc: 11.86 ng/ml



#16 4,4'-DDD

R.T.: 5.640 min  
Delta R.T.: 0.003 min  
Response: 8874491  
Conc: 12.75 ng/ml



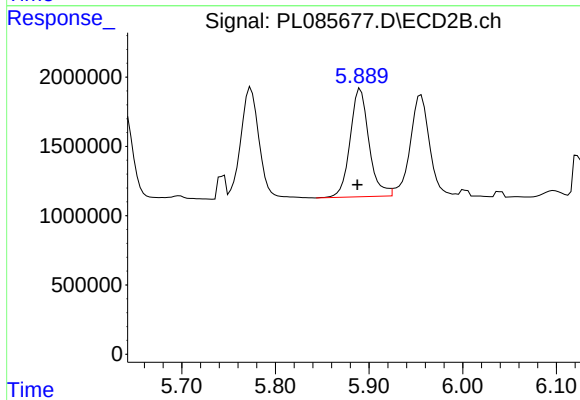
#17 4,4'-DDT

R.T.: 6.863 min  
Delta R.T.: 0.008 min  
Response: 25911821  
Conc: 10.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155925BS

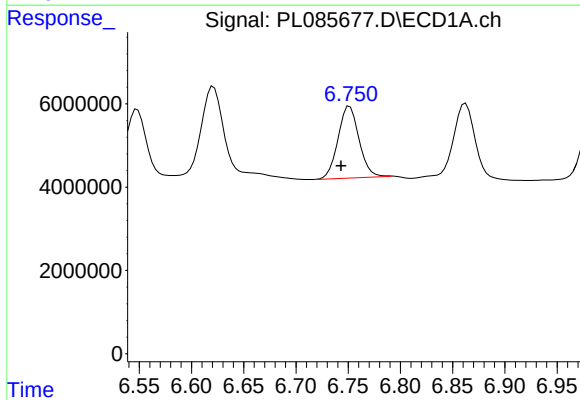
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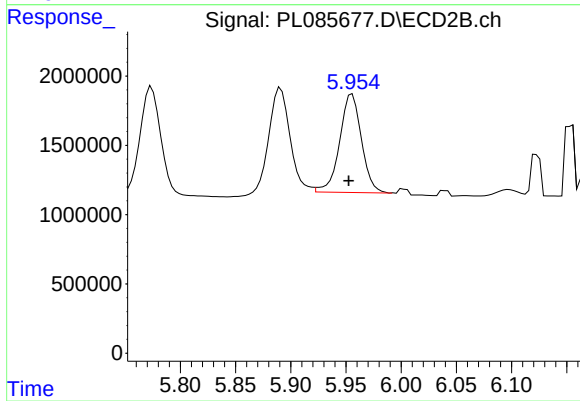
#17 4,4'-DDT

R.T.: 5.891 min  
Delta R.T.: 0.003 min  
Response: 10945504  
Conc: 13.84 ng/ml



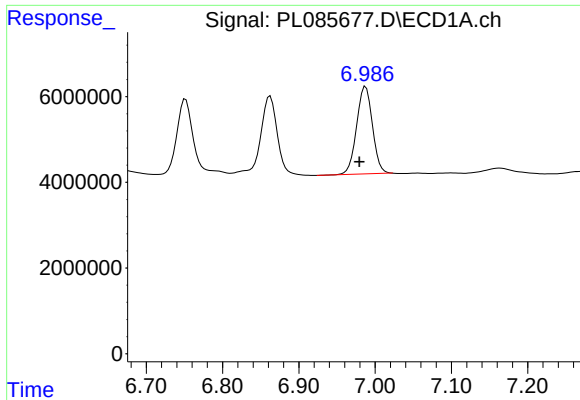
#18 Endrin aldehyde

R.T.: 6.750 min  
Delta R.T.: 0.007 min  
Response: 24210530  
Conc: 11.95 ng/ml m



#18 Endrin aldehyde

R.T.: 5.954 min  
Delta R.T.: 0.002 min  
Response: 9750054  
Conc: 13.07 ng/ml m



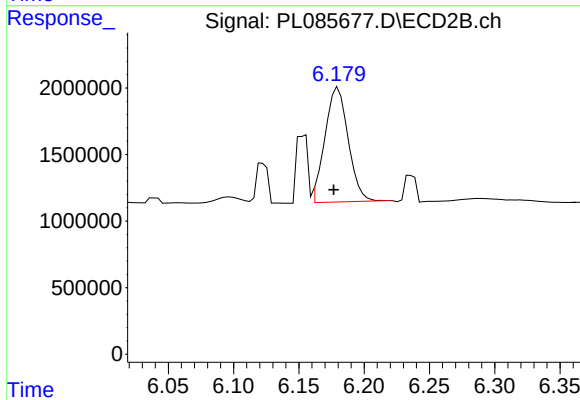
#19 Endosulfan Sulfate

R.T.: 6.988 min  
Delta R.T.: 0.008 min  
Response: 29278002  
Conc: 11.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155925BS

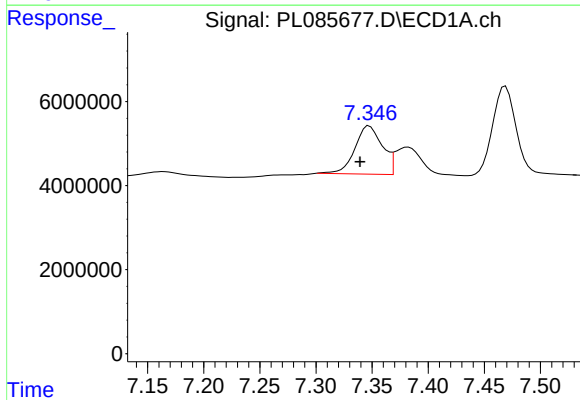
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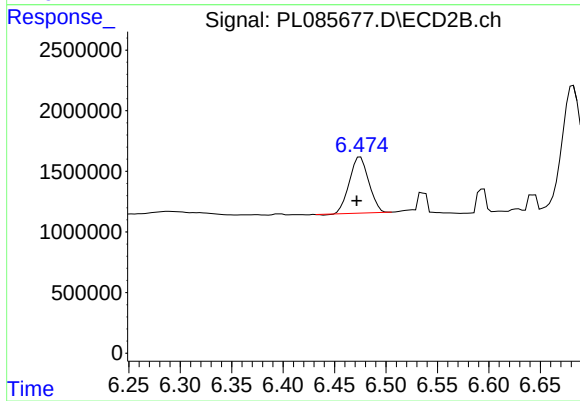
#19 Endosulfan Sulfate

R.T.: 6.180 min  
Delta R.T.: 0.003 min  
Response: 10652981  
Conc: 11.81 ng/ml



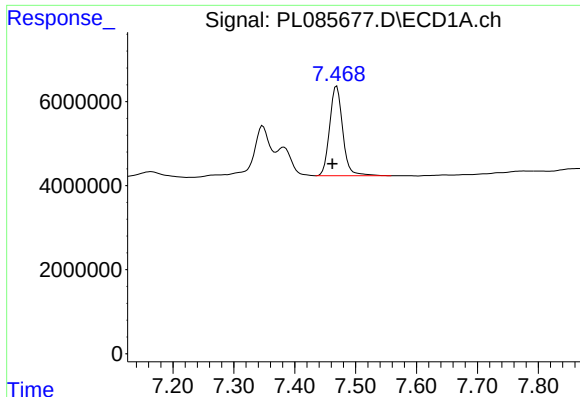
#20 Methoxychlor

R.T.: 7.348 min  
Delta R.T.: 0.008 min  
Response: 19538052  
Conc: 13.99 ng/ml



#20 Methoxychlor

R.T.: 6.475 min  
Delta R.T.: 0.004 min  
Response: 6051223  
Conc: 11.50 ng/ml



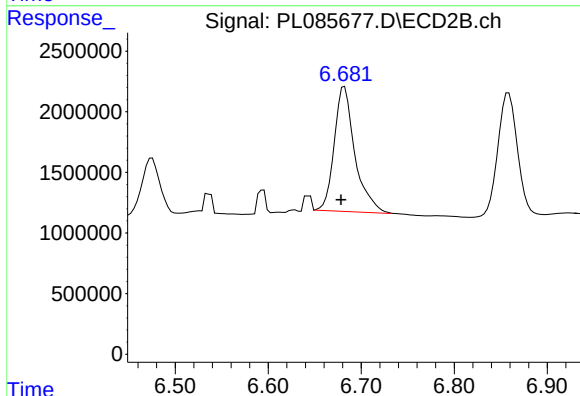
#21 Endrin ketone

R.T.: 7.469 min  
Delta R.T.: 0.007 min  
Response: 31903135  
Conc: 11.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155925BS

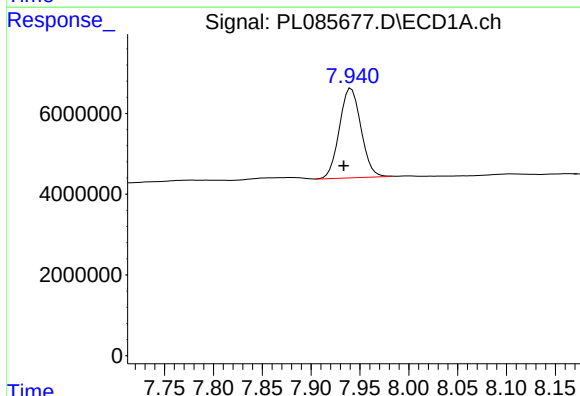
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/05/2023  
Supervised By :Ankita Jodhani 10/05/2023



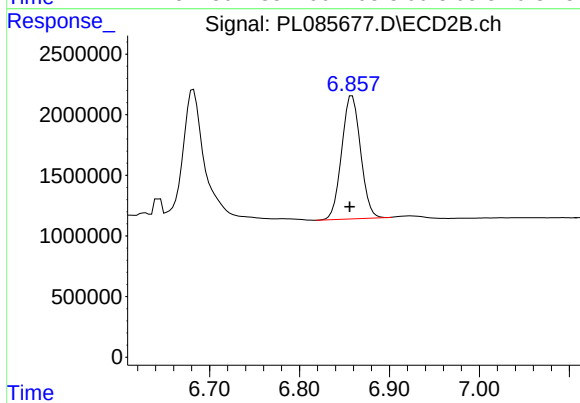
#21 Endrin ketone

R.T.: 6.681 min  
Delta R.T.: 0.002 min  
Response: 15862893  
Conc: 13.80 ng/ml m



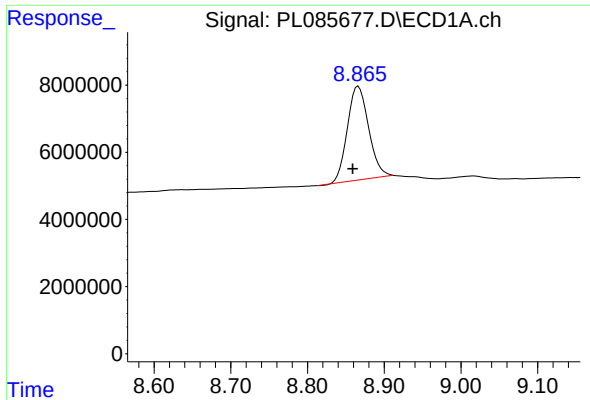
#22 Mirex

R.T.: 7.940 min  
Delta R.T.: 0.006 min  
Response: 34180491  
Conc: 15.44 ng/ml m



#22 Mirex

R.T.: 6.859 min  
Delta R.T.: 0.003 min  
Response: 14661072  
Conc: 15.54 ng/ml



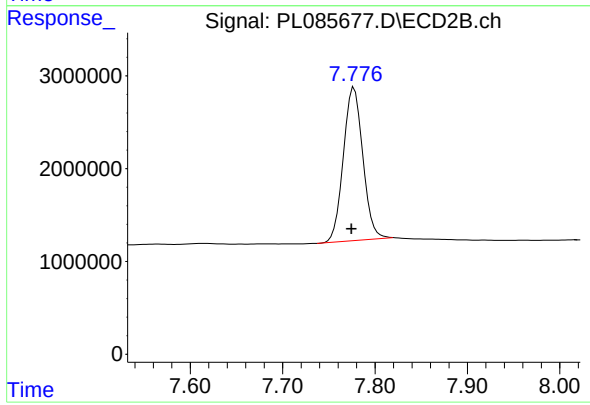
#28 Decachlorobiphenyl

R.T.: 8.866 min  
Delta R.T.: 0.008 min  
Response: 54382970  
Conc: 24.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155925BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/05/2023  
Supervised By :Ankita Jodhani 10/05/2023



#28 Decachlorobiphenyl

R.T.: 7.777 min  
Delta R.T.: 0.003 min  
Response: 24276395  
Conc: 26.30 ng/ml