

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101123\  
 Data File : PL085838.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Oct 2023 10:17  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/12/2023  
 Supervised By :Ankita Jodhani 10/12/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 21:44:01 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... | 3.365 | 2.623 | 132.7E6  | 41595676 | 44.629  | 44.530 |
| 28)                         | SA Decachlor... | 8.869 | 7.777 | 115.2E6  | 48749659 | 52.885m | 52.817 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.819 | 3.122 | 193.4E6  | 56633263 | 45.052  | 45.014 |
| 3)                          | MA gamma-BHC... | 4.151 | 3.449 | 194.2E6  | 56623914 | 46.983  | 45.911 |
| 4)                          | MA Heptachlor   | 4.738 | 3.786 | 183.1E6  | 56237963 | 47.354  | 48.353 |
| 5)                          | MB Aldrin       | 5.078 | 4.063 | 177.5E6  | 54533276 | 45.790  | 48.766 |
| 6)                          | B beta-BHC      | 4.354 | 3.751 | 77439378 | 25228737 | 46.830  | 48.462 |
| 7)                          | B delta-BHC     | 4.597 | 3.977 | 182.6E6  | 55391643 | 47.613  | 48.210 |
| 8)                          | B Heptachlo...  | 5.508 | 4.568 | 157.0E6  | 50900698 | 45.521  | 50.678 |
| 9)                          | A Endosulfan I  | 5.892 | 4.936 | 143.7E6  | 47285907 | 44.438  | 44.080 |
| 10)                         | B gamma-Chl...  | 5.766 | 4.820 | 156.0E6  | 51260706 | 45.608  | 51.758 |
| 11)                         | B alpha-Chl...  | 5.845 | 4.884 | 155.4E6  | 52131746 | 45.481  | 47.795 |
| 12)                         | B 4,4'-DDE      | 6.028 | 5.083 | 134.6E6  | 45332840 | 48.121  | 55.207 |
| 13)                         | MA Dieldrin     | 6.169 | 5.202 | 146.4E6  | 50575079 | 44.563  | 52.127 |
| 14)                         | MA Endrin       | 6.397 | 5.475 | 130.9E6  | 46116295 | 45.948  | 51.297 |
| 15)                         | B Endosulfa...  | 6.620 | 5.773 | 126.3E6  | 45961821 | 45.819  | 48.333 |
| 16)                         | A 4,4'-DDD      | 6.547 | 5.640 | 105.4E6  | 37643938 | 52.322  | 54.083 |
| 17)                         | MA 4,4'-DDT     | 6.862 | 5.890 | 113.8E6  | 43974383 | 48.291  | 55.611 |
| 18)                         | B Endrin al...  | 6.751 | 5.955 | 95609849 | 36894267 | 47.174  | 49.475 |
| 19)                         | B Endosulfa...  | 6.987 | 6.180 | 120.3E6  | 44802593 | 47.928  | 49.664 |
| 20)                         | A Methoxychlor  | 7.348 | 6.475 | 68816378 | 25966296 | 49.274  | 49.358 |
| 21)                         | B Endrin ke...  | 7.469 | 6.682 | 132.6E6  | 56732566 | 46.025  | 49.358 |
| 22)                         | Mirex           | 7.942 | 6.859 | 99099869 | 45996393 | 44.761  | 48.768 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101123\  
Data File : PL085838.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Oct 2023 10:17  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

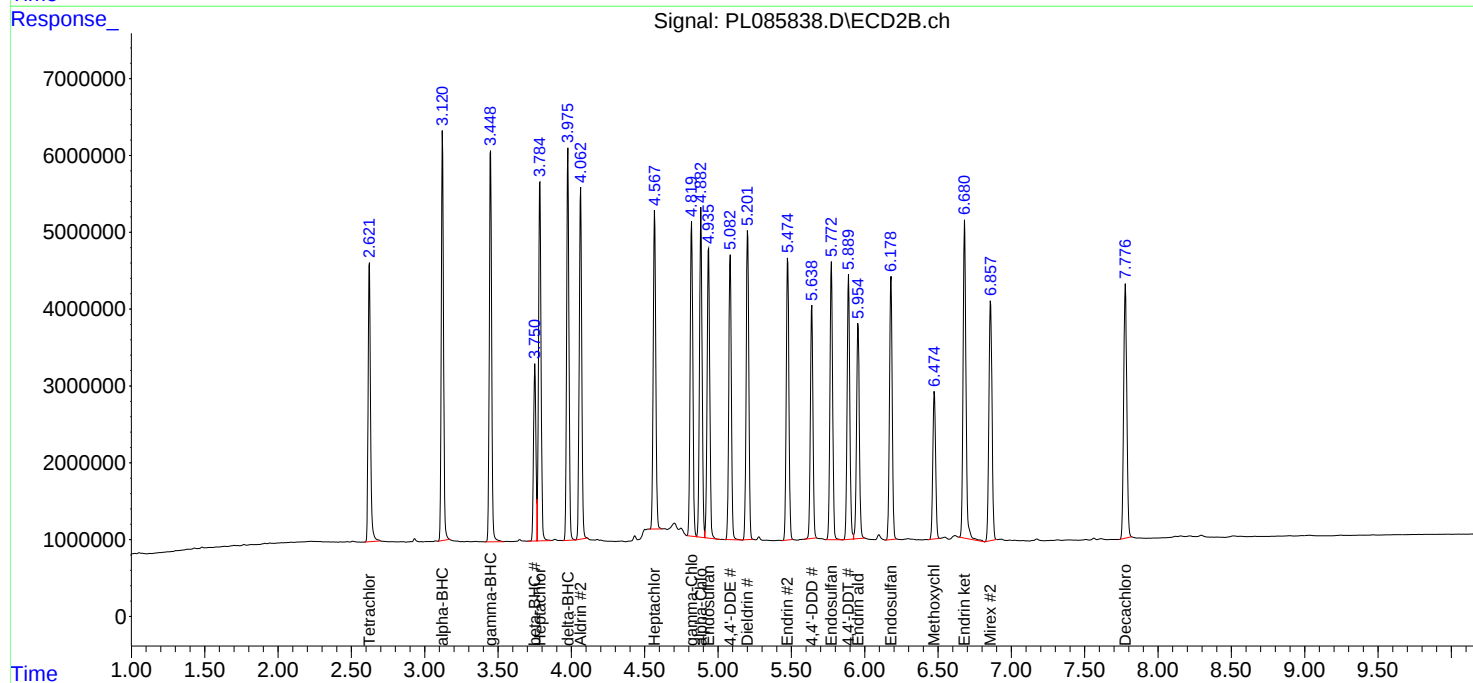
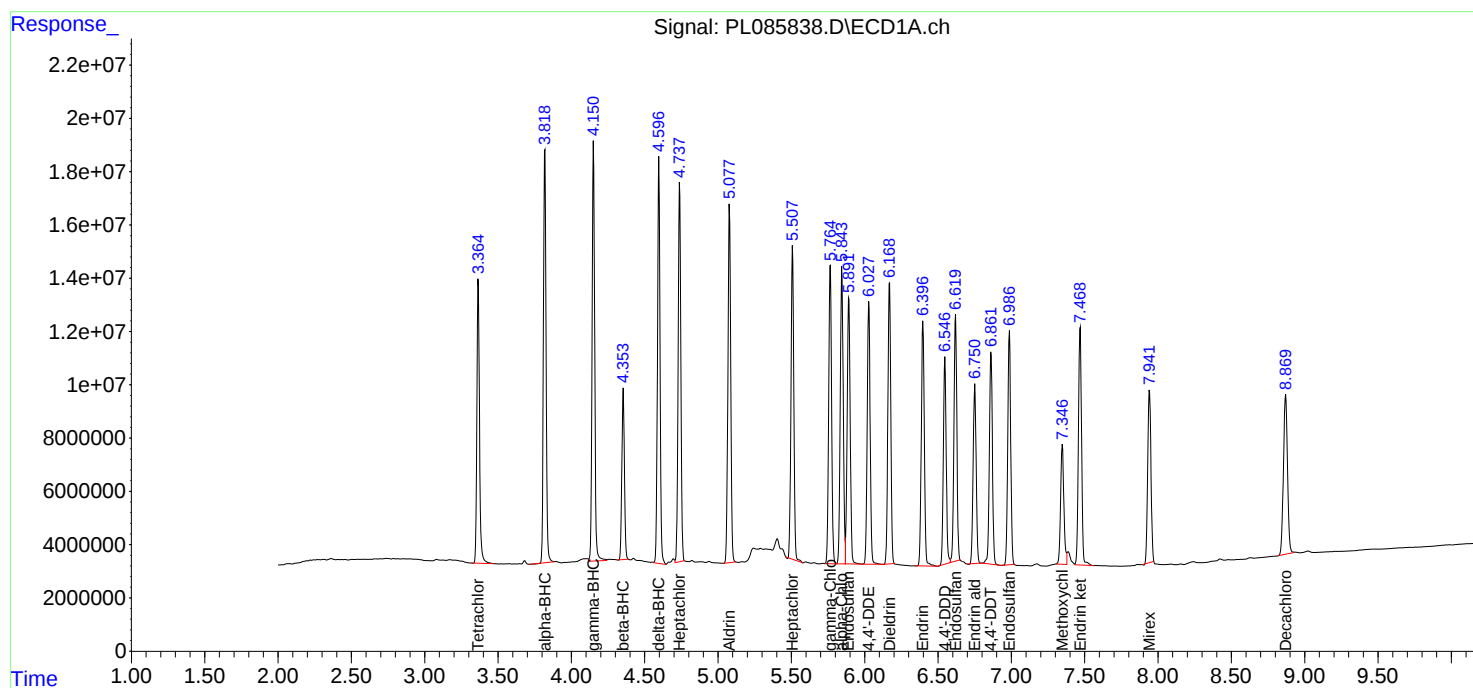
## APPROVED

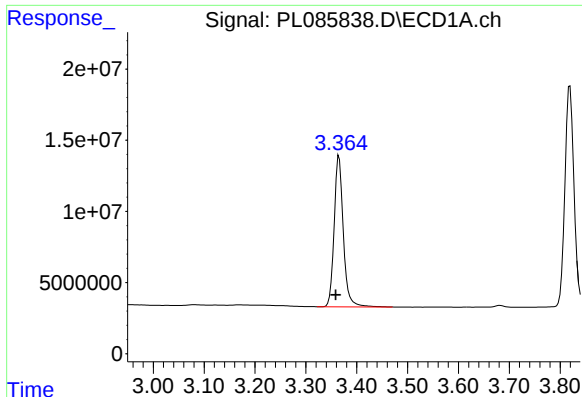
Reviewed By :Abdul Mirza 10/12/2023

Supervised By :Ankita Jodhani 10/12/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 21:44:01 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.: 3.365 min  
Delta R.T.: 0.006 min  
Response: 132732596  
Conc: 44.63 ng/ml

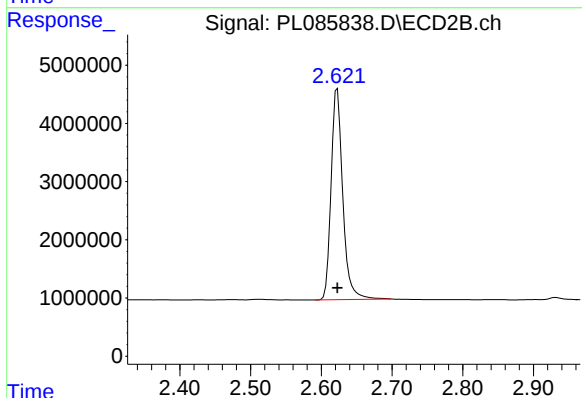
Instrument :

ECD\_L

ClientSampleId :  
PSTDCCC050

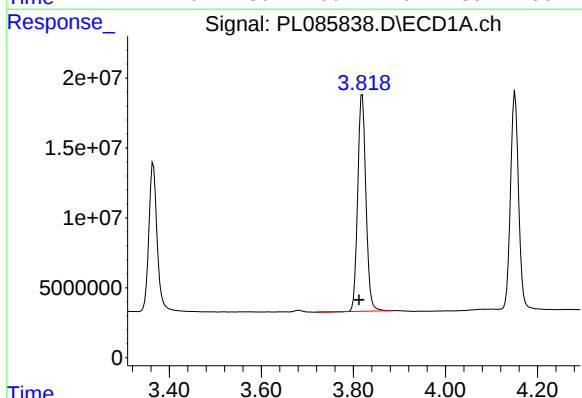
Manual Integrations  
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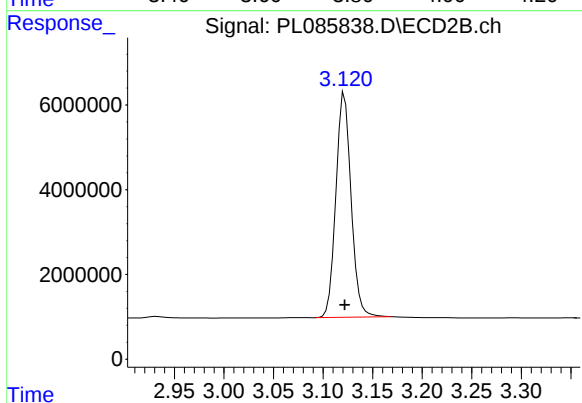
#1 Tetrachloro-m-xylene

R.T.: 2.623 min  
Delta R.T.: 0.000 min  
Response: 41595676  
Conc: 44.53 ng/ml



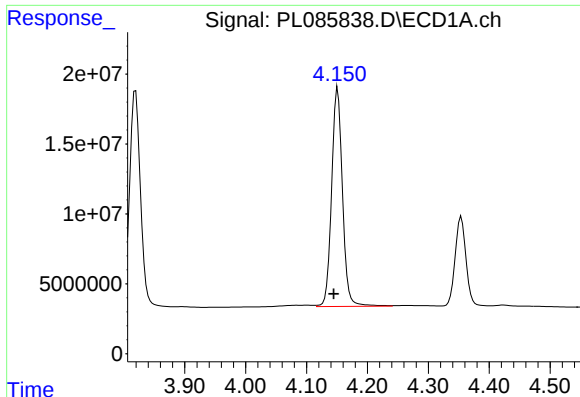
#2 alpha-BHC

R.T.: 3.819 min  
Delta R.T.: 0.007 min  
Response: 193359442  
Conc: 45.05 ng/ml



#2 alpha-BHC

R.T.: 3.122 min  
Delta R.T.: 0.000 min  
Response: 56633263  
Conc: 45.01 ng/ml



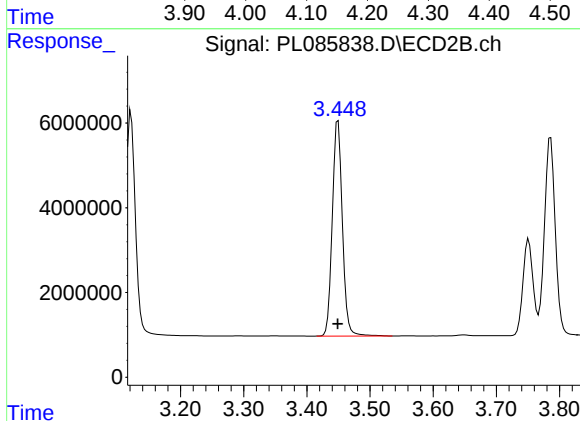
#3 gamma-BHC (Lindane)

R.T.: 4.151 min  
Delta R.T.: 0.006 min  
Response: 194194448  
Conc: 46.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

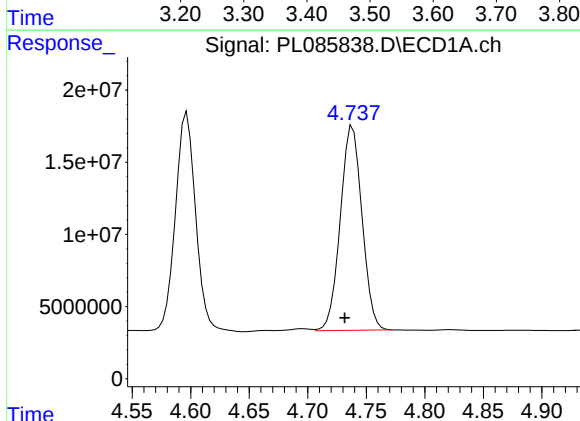
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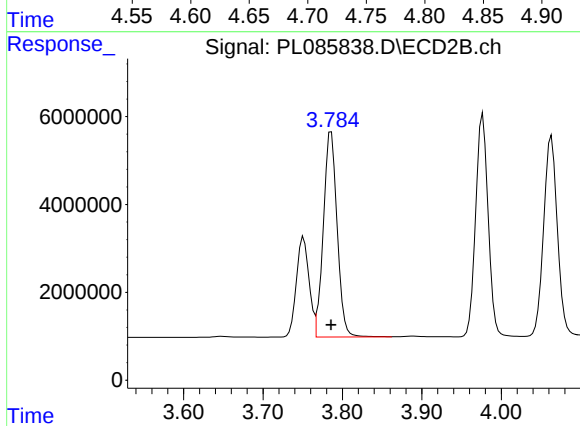
#3 gamma-BHC (Lindane)

R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 56623914  
Conc: 45.91 ng/ml



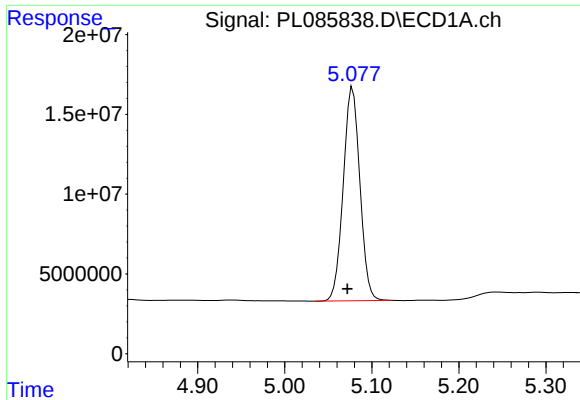
#4 Heptachlor

R.T.: 4.738 min  
Delta R.T.: 0.007 min  
Response: 183147665  
Conc: 47.35 ng/ml



#4 Heptachlor

R.T.: 3.786 min  
Delta R.T.: 0.000 min  
Response: 56237963  
Conc: 48.35 ng/ml



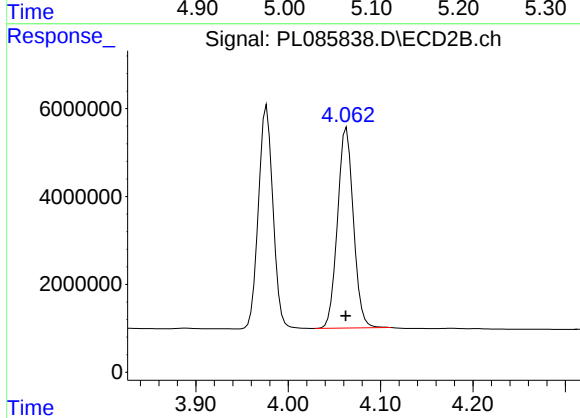
#5 Aldrin

R.T.: 5.078 min  
Delta R.T.: 0.006 min  
Response: 177497926  
Conc: 45.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

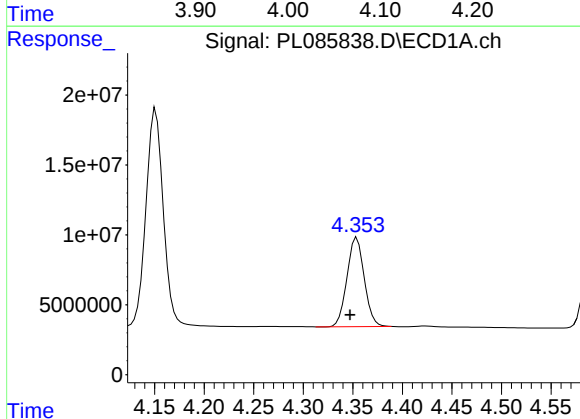
Manual Integrations  
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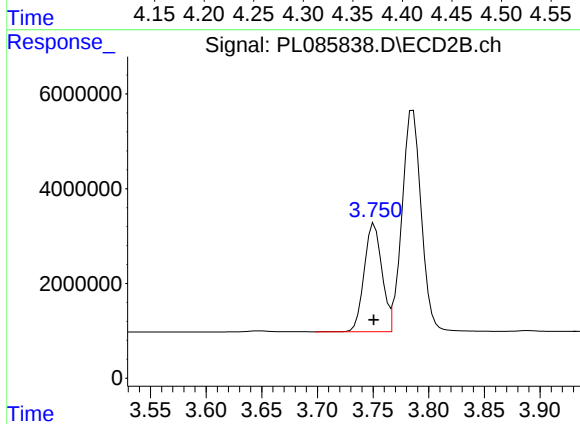
#5 Aldrin

R.T.: 4.063 min  
Delta R.T.: 0.000 min  
Response: 54533276  
Conc: 48.77 ng/ml



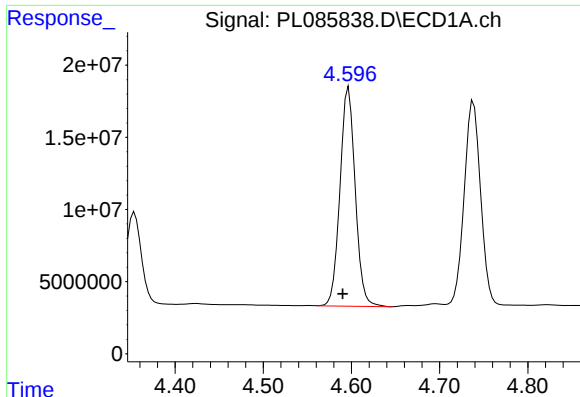
#6 beta-BHC

R.T.: 4.354 min  
Delta R.T.: 0.007 min  
Response: 77439378  
Conc: 46.83 ng/ml



#6 beta-BHC

R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 25228737  
Conc: 48.46 ng/ml



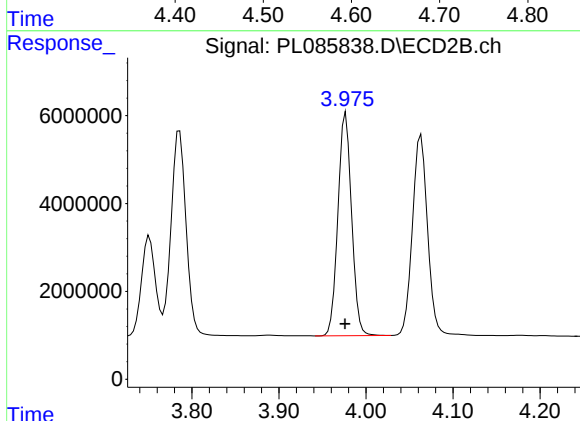
#7 delta-BHC

R.T.: 4.597 min  
Delta R.T.: 0.006 min  
Response: 182568718  
Conc: 47.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

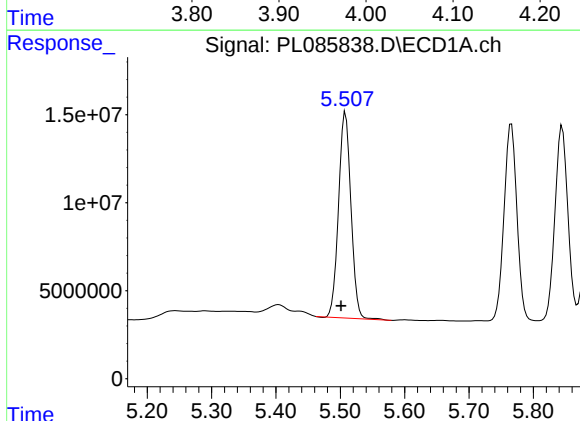
Manual Integrations  
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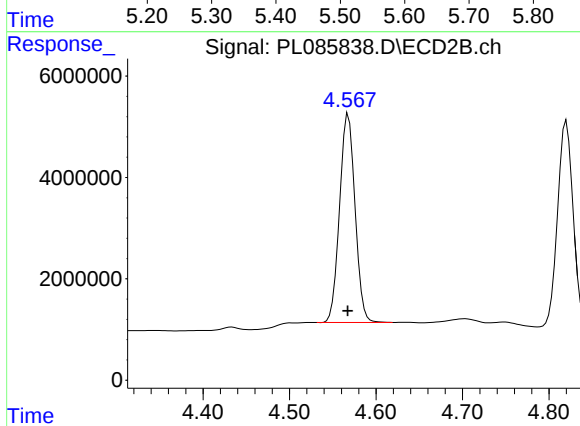
#7 delta-BHC

R.T.: 3.977 min  
Delta R.T.: 0.000 min  
Response: 55391643  
Conc: 48.21 ng/ml



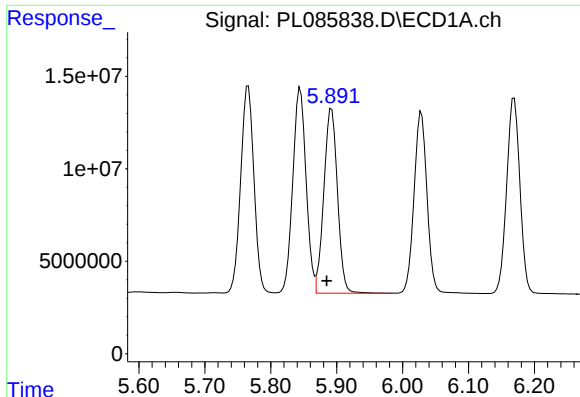
#8 Heptachlor epoxide

R.T.: 5.508 min  
Delta R.T.: 0.007 min  
Response: 157039530  
Conc: 45.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: 50900698  
Conc: 50.68 ng/ml



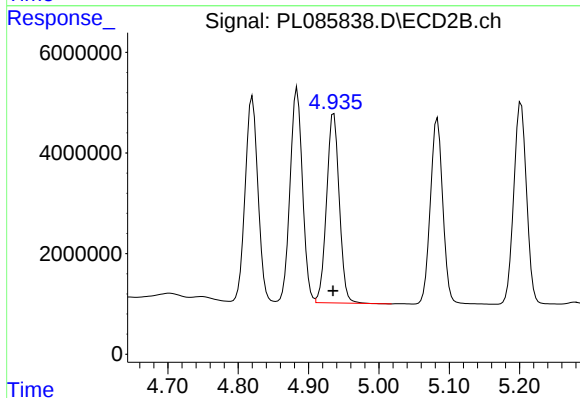
#9 Endosulfan I

R.T.: 5.892 min  
Delta R.T.: 0.007 min  
Response: 143714690  
Conc: 44.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

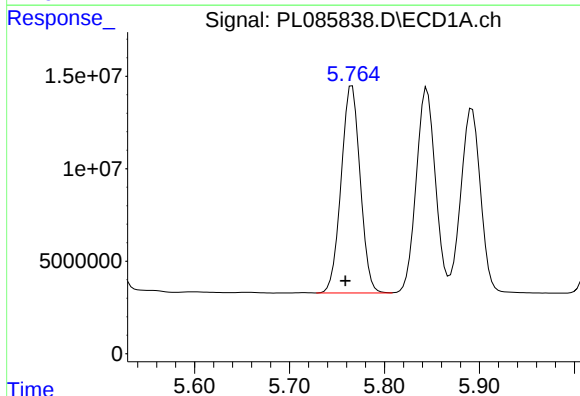
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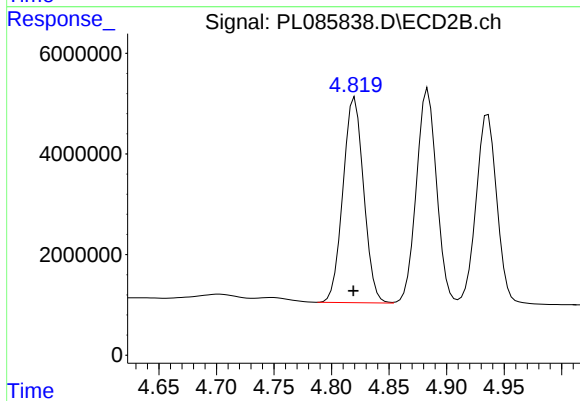
#9 Endosulfan I

R.T.: 4.936 min  
Delta R.T.: 0.001 min  
Response: 47285907  
Conc: 44.08 ng/ml



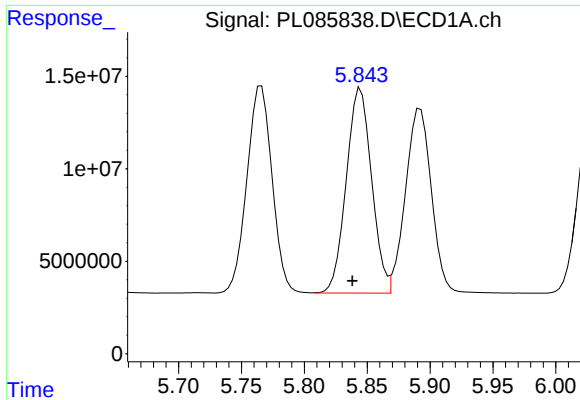
#10 gamma-Chlordane

R.T.: 5.766 min  
Delta R.T.: 0.007 min  
Response: 156045455  
Conc: 45.61 ng/ml



#10 gamma-Chlordane

R.T.: 4.820 min  
Delta R.T.: 0.001 min  
Response: 51260706  
Conc: 51.76 ng/ml



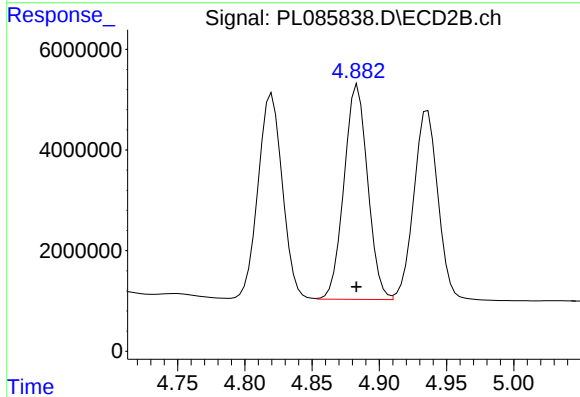
#11 alpha-Chlordane

R.T.: 5.845 min  
Delta R.T.: 0.006 min  
Response: 155437533  
Conc: 45.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

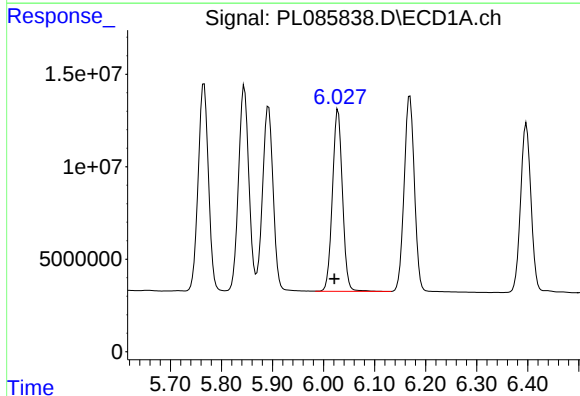
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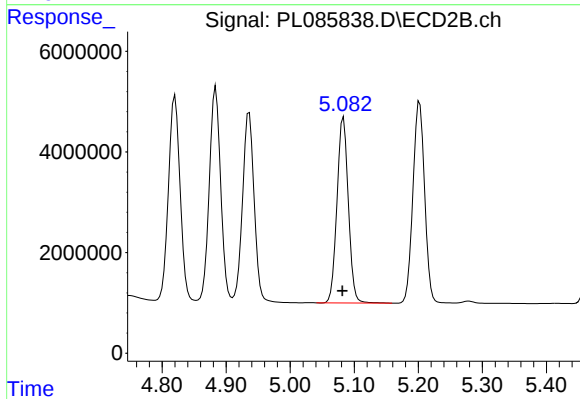
#11 alpha-Chlordane

R.T.: 4.884 min  
Delta R.T.: 0.001 min  
Response: 52131746  
Conc: 47.80 ng/ml



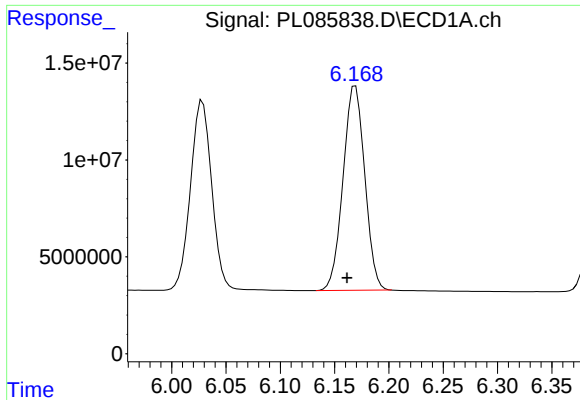
#12 4,4'-DDE

R.T.: 6.028 min  
Delta R.T.: 0.007 min  
Response: 134572423  
Conc: 48.12 ng/ml



#12 4,4'-DDE

R.T.: 5.083 min  
Delta R.T.: 0.002 min  
Response: 45332840  
Conc: 55.21 ng/ml



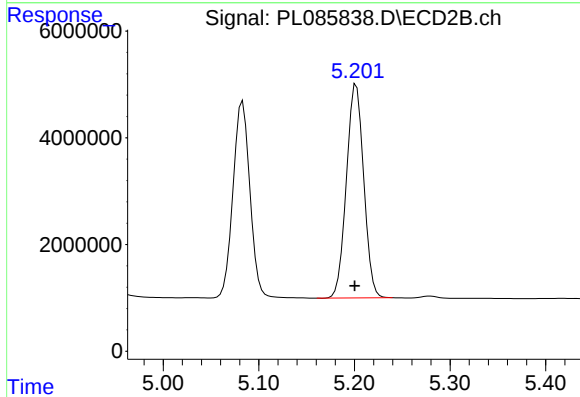
#13 Dieldrin

R.T.: 6.169 min  
Delta R.T.: 0.008 min  
Response: 146434860  
Conc: 44.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

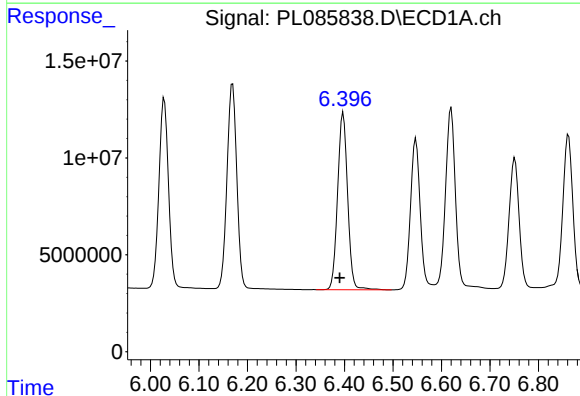
Manual Integrations  
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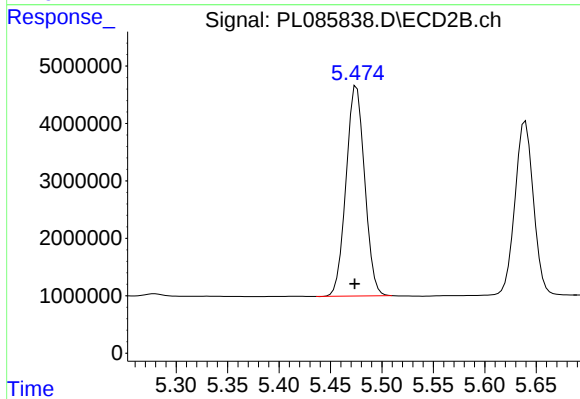
#13 Dieldrin

R.T.: 5.202 min  
Delta R.T.: 0.002 min  
Response: 50575079  
Conc: 52.13 ng/ml



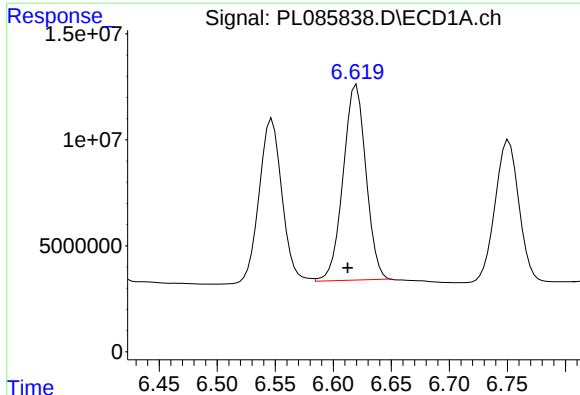
#14 Endrin

R.T.: 6.397 min  
Delta R.T.: 0.007 min  
Response: 130941796  
Conc: 45.95 ng/ml



#14 Endrin

R.T.: 5.475 min  
Delta R.T.: 0.002 min  
Response: 46116295  
Conc: 51.30 ng/ml



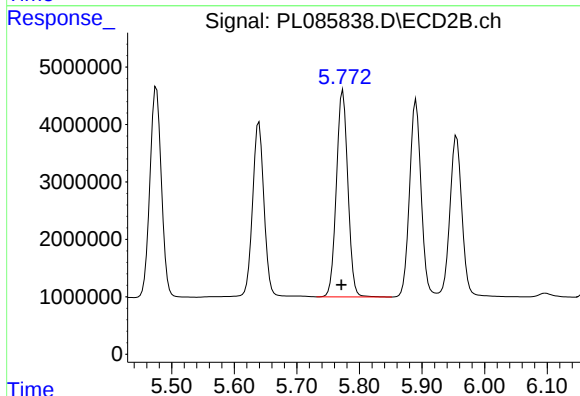
#15 Endosulfan II

R.T.: 6.620 min  
Delta R.T.: 0.007 min  
Response: 126255404  
Conc: 45.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

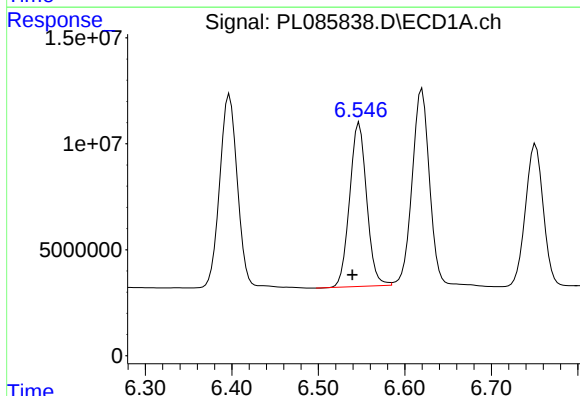
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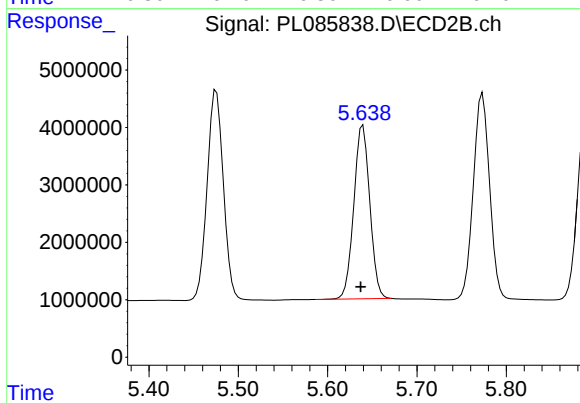
#15 Endosulfan II

R.T.: 5.773 min  
Delta R.T.: 0.002 min  
Response: 45961821  
Conc: 48.33 ng/ml



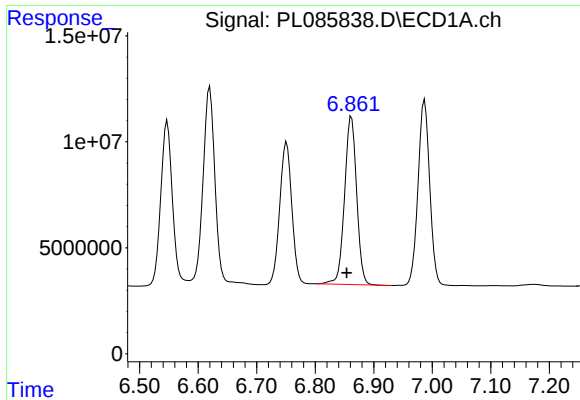
#16 4,4'-DDD

R.T.: 6.547 min  
Delta R.T.: 0.008 min  
Response: 105411492  
Conc: 52.32 ng/ml



#16 4,4'-DDD

R.T.: 5.640 min  
Delta R.T.: 0.002 min  
Response: 37643938  
Conc: 54.08 ng/ml



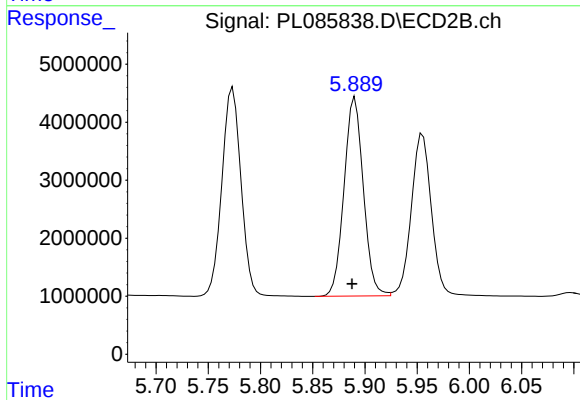
#17 4,4'-DDT

R.T.: 6.862 min  
Delta R.T.: 0.008 min  
Response: 113825522  
Conc: 48.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

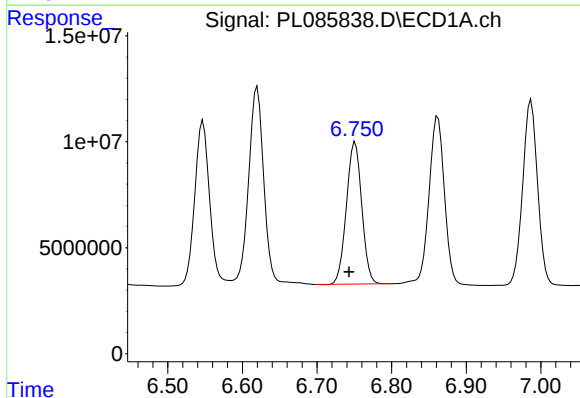
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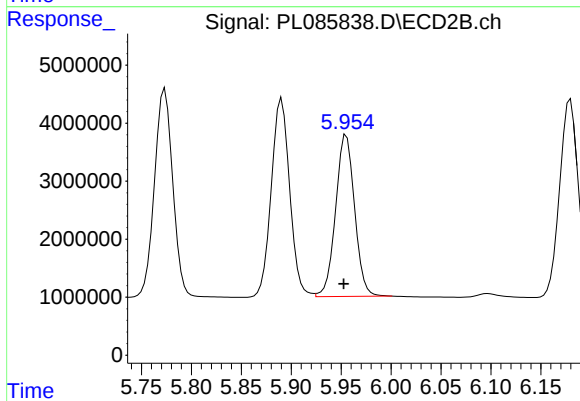
#17 4,4'-DDT

R.T.: 5.890 min  
Delta R.T.: 0.003 min  
Response: 43974383  
Conc: 55.61 ng/ml



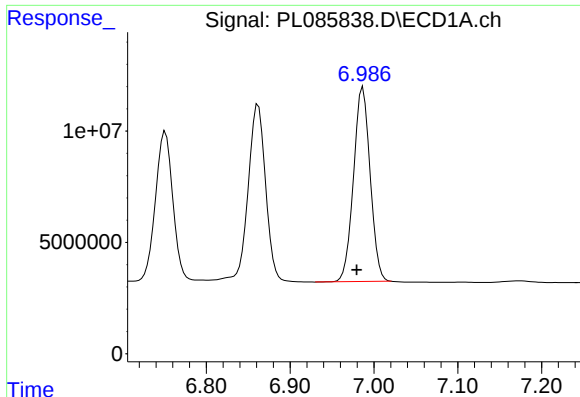
#18 Endrin aldehyde

R.T.: 6.751 min  
Delta R.T.: 0.008 min  
Response: 95609849  
Conc: 47.17 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min  
Delta R.T.: 0.003 min  
Response: 36894267  
Conc: 49.48 ng/ml



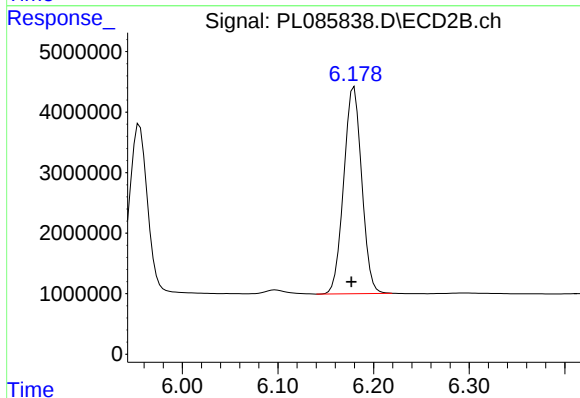
#19 Endosulfan Sulfate

R.T.: 6.987 min  
Delta R.T.: 0.007 min  
Response: 120284840  
Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

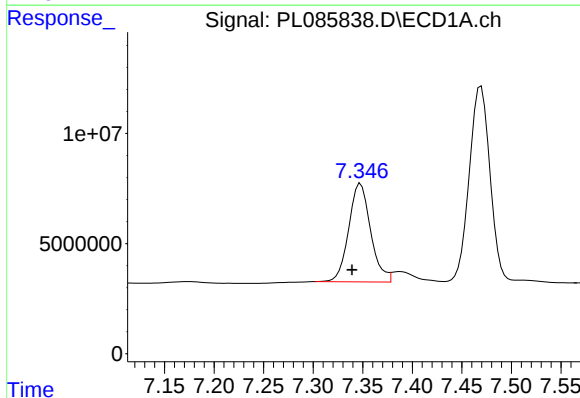
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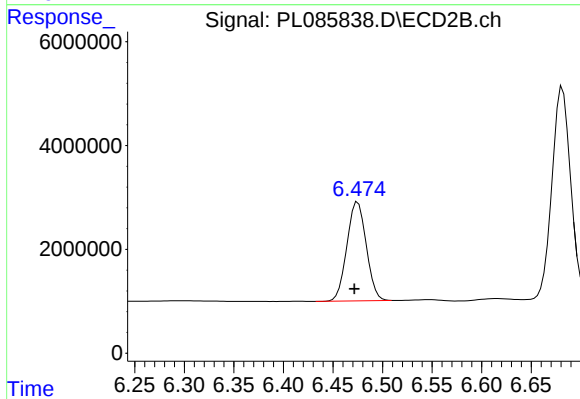
#19 Endosulfan Sulfate

R.T.: 6.180 min  
Delta R.T.: 0.003 min  
Response: 44802593  
Conc: 49.66 ng/ml



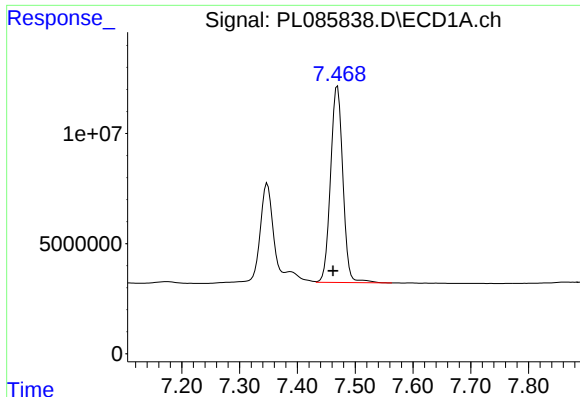
#20 Methoxychlor

R.T.: 7.348 min  
Delta R.T.: 0.009 min  
Response: 68816378  
Conc: 49.27 ng/ml



#20 Methoxychlor

R.T.: 6.475 min  
Delta R.T.: 0.003 min  
Response: 25966296  
Conc: 49.36 ng/ml



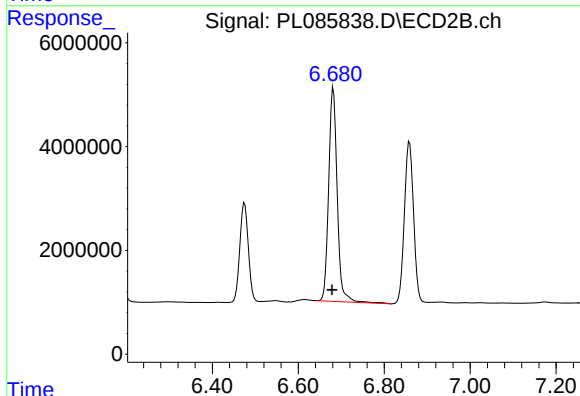
#21 Endrin ketone

R.T.: 7.469 min  
Delta R.T.: 0.008 min  
Response: 132564659  
Conc: 46.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

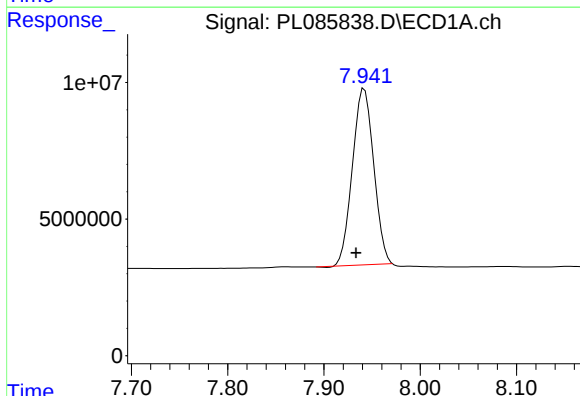
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/12/2023  
Supervised By :Ankita Jodhani 10/12/2023



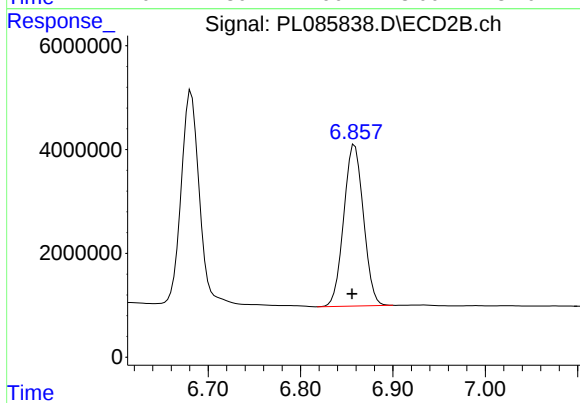
#21 Endrin ketone

R.T.: 6.682 min  
Delta R.T.: 0.003 min  
Response: 56732566  
Conc: 49.36 ng/ml



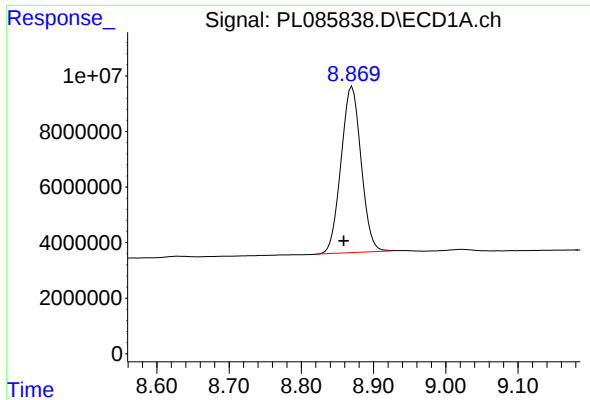
#22 Mirex

R.T.: 7.942 min  
Delta R.T.: 0.009 min  
Response: 99099869  
Conc: 44.76 ng/ml



#22 Mirex

R.T.: 6.859 min  
Delta R.T.: 0.003 min  
Response: 45996393  
Conc: 48.77 ng/ml



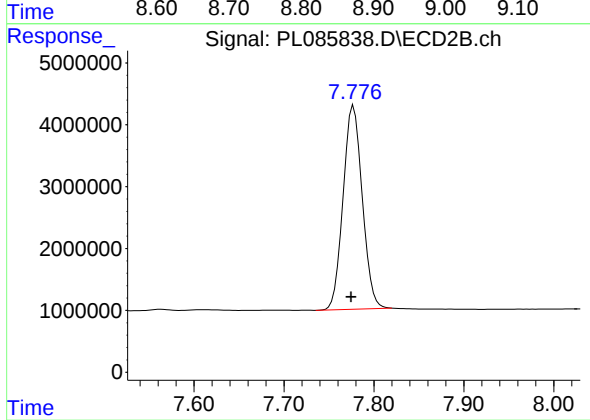
#28 Decachlorobiphenyl

R.T.: 8.869 min  
Delta R.T.: 0.010 min  
Response: 115186815  
Conc: 52.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/12/2023  
Supervised By :Ankita Jodhani 10/12/2023



#28 Decachlorobiphenyl

R.T.: 7.777 min  
Delta R.T.: 0.003 min  
Response: 48749659  
Conc: 52.82 ng/ml