

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL113023\  
 Data File : PL086901.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Nov 2023 16:50  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023  
 Supervised By :Ankita Jodhani 11/30/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 29 20:20:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112923.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 29 06:35:04 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... | 3.343 | 2.610 | 165.2E6  | 47361062 | 51.681  | 52.075 |
| 28)                         | SA Decachlor... | 8.842 | 7.760 | 133.9E6  | 55408083 | 50.161  | 50.254 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.796 | 3.108 | 243.8E6  | 67154001 | 52.663  | 52.880 |
| 3)                          | MA gamma-BHC... | 4.128 | 3.435 | 230.3E6  | 64720459 | 52.644  | 52.970 |
| 4)                          | MA Heptachlor   | 4.715 | 3.770 | 220.1E6  | 65059439 | 55.453  | 55.719 |
| 5)                          | MB Aldrin       | 5.055 | 4.046 | 220.1E6  | 63775337 | 52.160  | 52.251 |
| 6)                          | B beta-BHC      | 4.332 | 3.738 | 96696215 | 28260442 | 51.691  | 53.414 |
| 7)                          | B delta-BHC     | 4.575 | 3.962 | 217.2E6  | 63797973 | 51.159  | 54.632 |
| 8)                          | B Heptachlo...  | 5.485 | 4.552 | 193.4E6  | 59637071 | 54.601  | 52.388 |
| 9)                          | A Endosulfan I  | 5.869 | 4.920 | 187.8E6  | 59560632 | 52.130  | 46.502 |
| 10)                         | B gamma-Chl...  | 5.743 | 4.803 | 205.2E6  | 60565253 | 54.570  | 52.836 |
| 11)                         | B alpha-Chl...  | 5.822 | 4.868 | 200.2E6  | 62776579 | 53.172  | 47.208 |
| 12)                         | B 4,4'-DDE      | 6.006 | 5.067 | 163.6E6  | 50933799 | 54.105  | 55.479 |
| 13)                         | MA Dieldrin     | 6.146 | 5.186 | 185.4E6  | 56479531 | 53.414  | 52.738 |
| 14)                         | MA Endrin       | 6.375 | 5.459 | 149.0E6  | 50290174 | 57.799  | 59.670 |
| 15)                         | B Endosulfa...  | 6.599 | 5.757 | 149.6E6  | 49880755 | 52.414  | 53.719 |
| 16)                         | A 4,4'-DDD      | 6.526 | 5.623 | 126.6E6  | 41672528 | 54.065  | 53.957 |
| 17)                         | MA 4,4'-DDT     | 6.840 | 5.874 | 137.2E6  | 46224325 | 53.454  | 57.317 |
| 18)                         | B Endrin al...  | 6.729 | 5.939 | 107.0E6  | 37327796 | 50.177m | 53.431 |
| 19)                         | B Endosulfa...  | 6.966 | 6.164 | 152.2E6  | 51147493 | 53.299  | 53.906 |
| 20)                         | A Methoxychlor  | 7.327 | 6.458 | 72120692 | 28468530 | 54.617  | 55.309 |
| 21)                         | B Endrin ke...  | 7.447 | 6.665 | 155.9E6  | 59419460 | 52.156  | 52.054 |
| 22)                         | Mirex           | 7.919 | 6.841 | 130.1E6  | 53254524 | 50.851  | 51.312 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL113023\  
Data File : PL086901.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Nov 2023 16:50  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

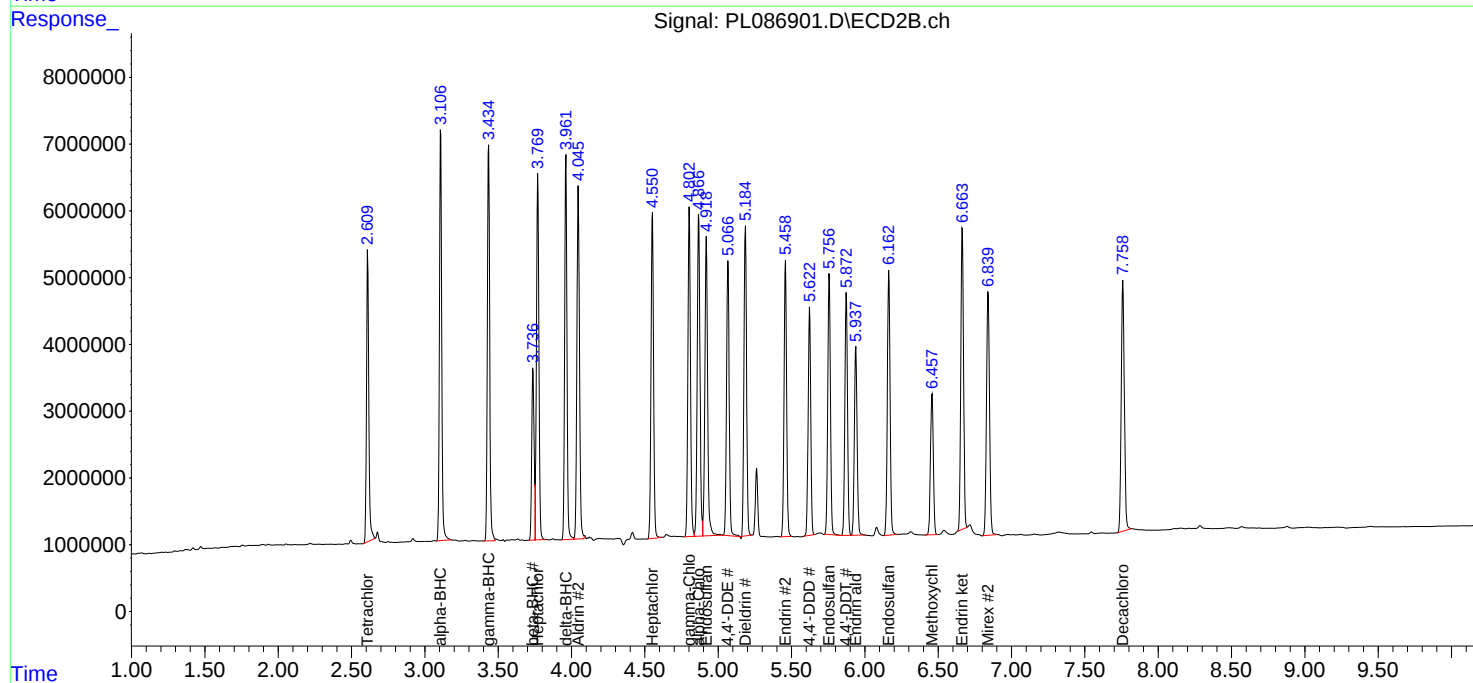
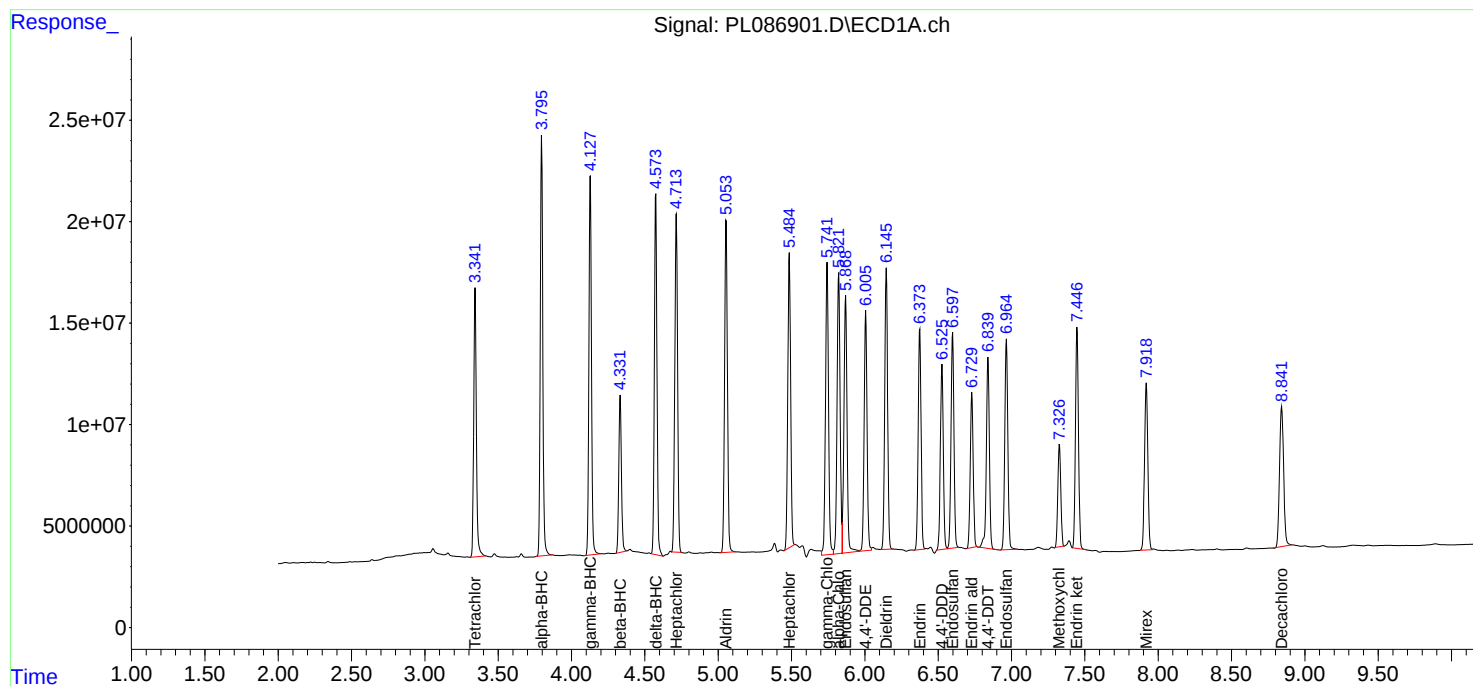
## Manual Integrations

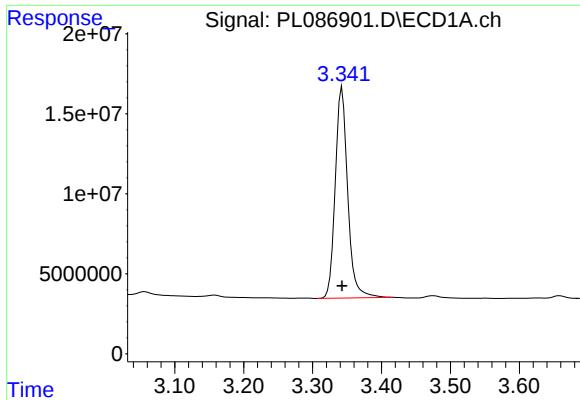
## APPROVED

Reviewed By :Yogesh Patel 11/30/2023  
Supervised By :Ankita Jodhani 11/30/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 29 20:20:58 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112923.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 29 06:35:04 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





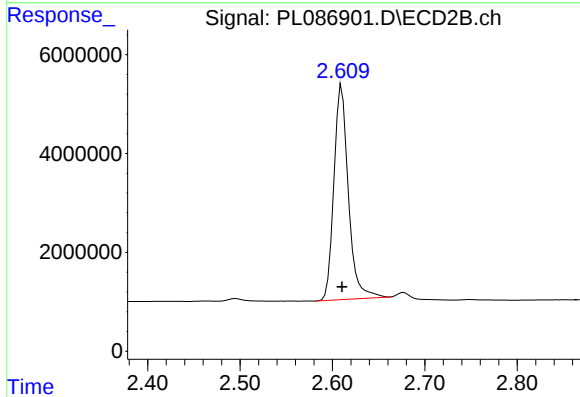
#1 Tetrachloro-m-xylene

R.T.: 3.343 min  
Delta R.T.: 0.000 min  
Response: 165230721  
Conc: 51.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

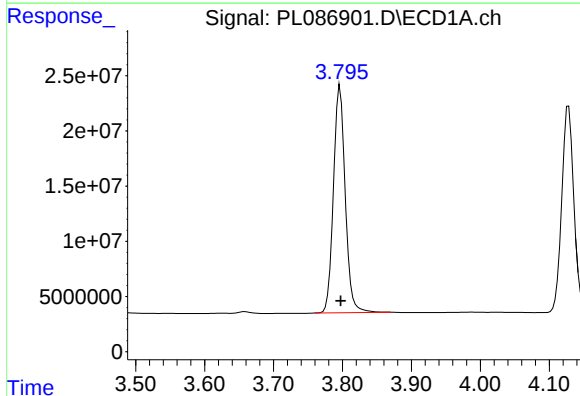
Manual Integrations  
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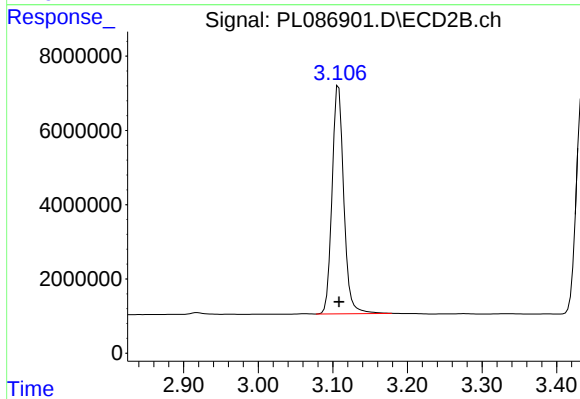
#1 Tetrachloro-m-xylene

R.T.: 2.610 min  
Delta R.T.: 0.000 min  
Response: 47361062  
Conc: 52.07 ng/ml



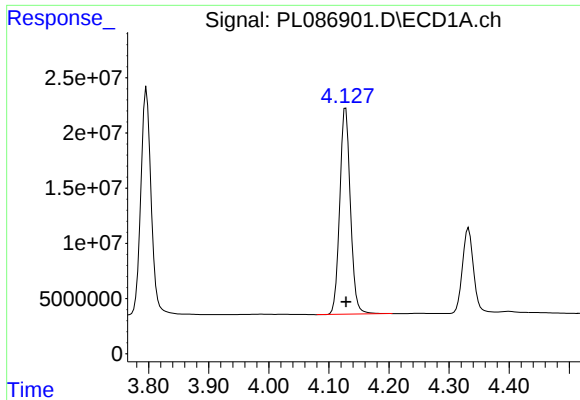
#2 alpha-BHC

R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: 243836187  
Conc: 52.66 ng/ml



#2 alpha-BHC

R.T.: 3.108 min  
Delta R.T.: 0.000 min  
Response: 67154001  
Conc: 52.88 ng/ml



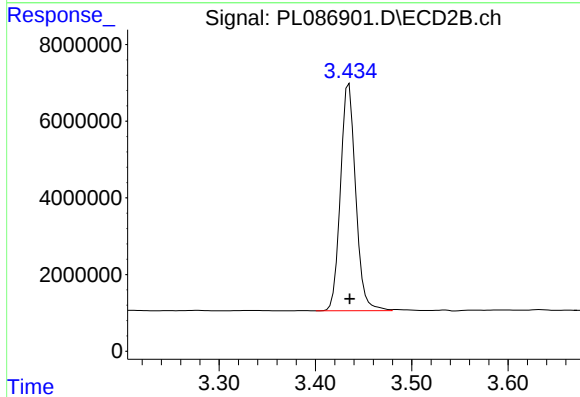
#3 gamma-BHC (Lindane)

R.T.: 4.128 min  
Delta R.T.: 0.000 min  
Response: 230308503  
Conc: 52.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

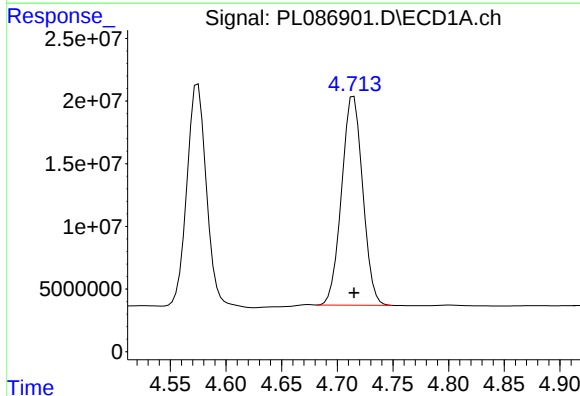
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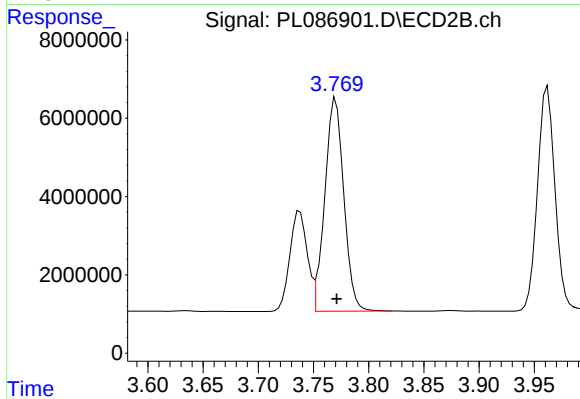
#3 gamma-BHC (Lindane)

R.T.: 3.435 min  
Delta R.T.: 0.000 min  
Response: 64720459  
Conc: 52.97 ng/ml



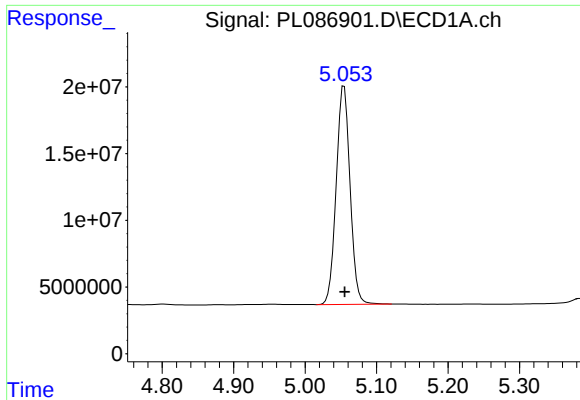
#4 Heptachlor

R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 220079925  
Conc: 55.45 ng/ml



#4 Heptachlor

R.T.: 3.770 min  
Delta R.T.: 0.000 min  
Response: 65059439  
Conc: 55.72 ng/ml



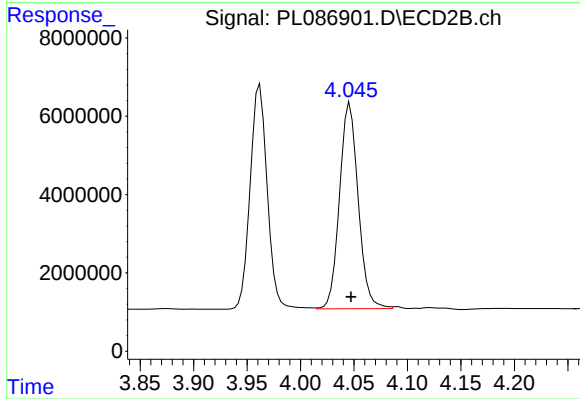
#5 Aldrin

R.T.: 5.055 min  
Delta R.T.: 0.000 min  
Response: 220123182  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

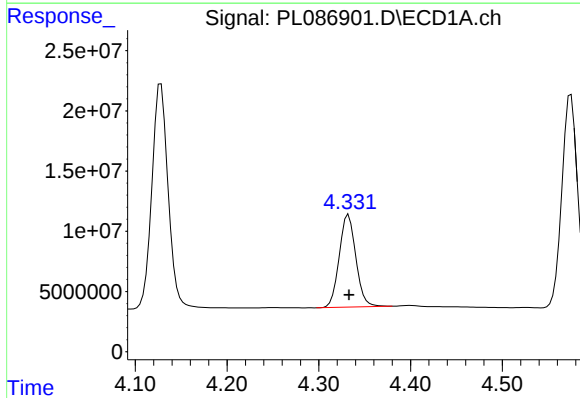
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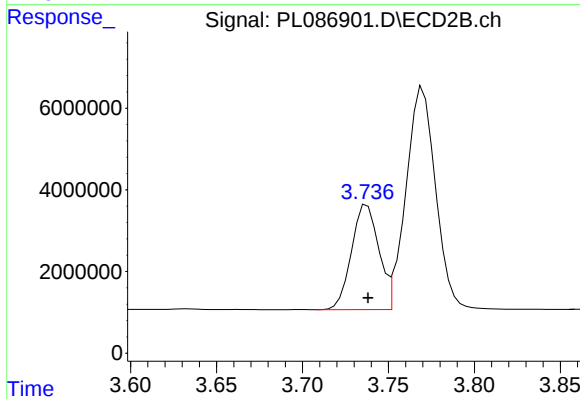
#5 Aldrin

R.T.: 4.046 min  
Delta R.T.: -0.001 min  
Response: 63775337  
Conc: 52.25 ng/ml



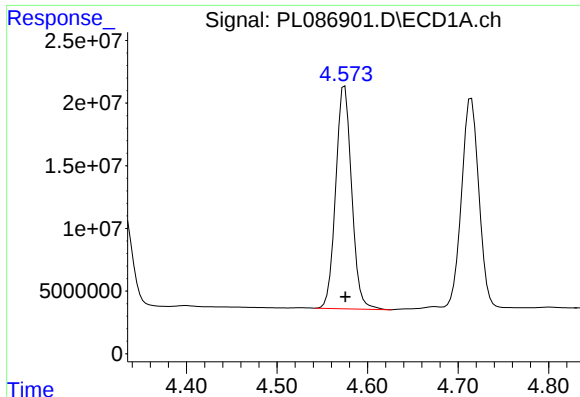
#6 beta-BHC

R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: 96696215  
Conc: 51.69 ng/ml



#6 beta-BHC

R.T.: 3.738 min  
Delta R.T.: 0.000 min  
Response: 28260442  
Conc: 53.41 ng/ml



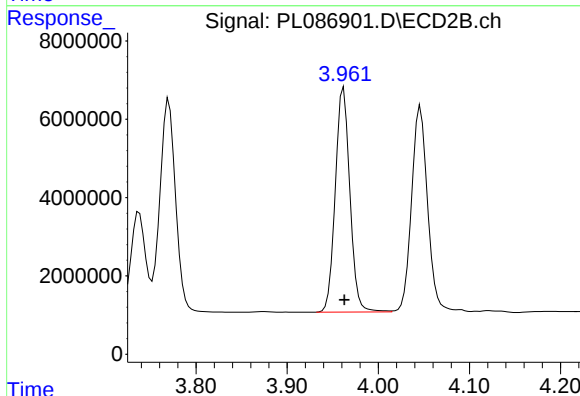
#7 delta-BHC

R.T.: 4.575 min  
Delta R.T.: 0.000 min  
Response: 217180135  
Conc: 51.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

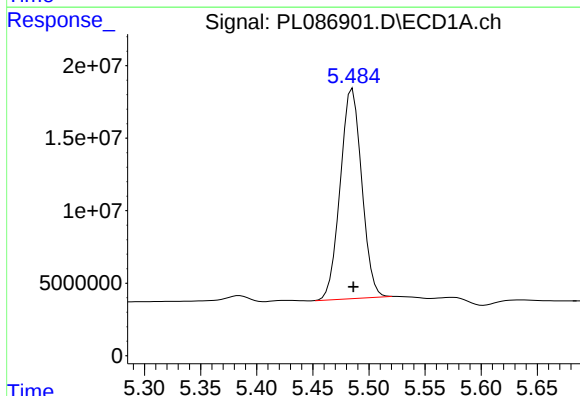
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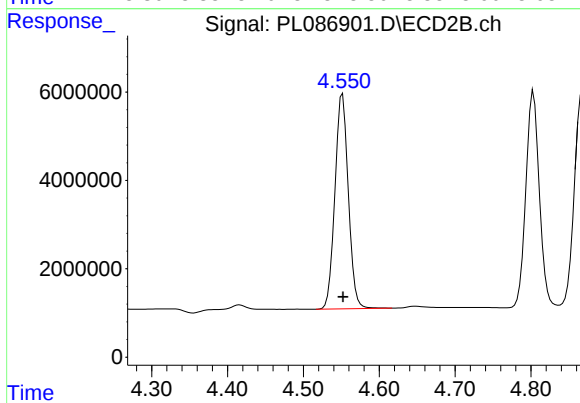
#7 delta-BHC

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 63797973  
Conc: 54.63 ng/ml



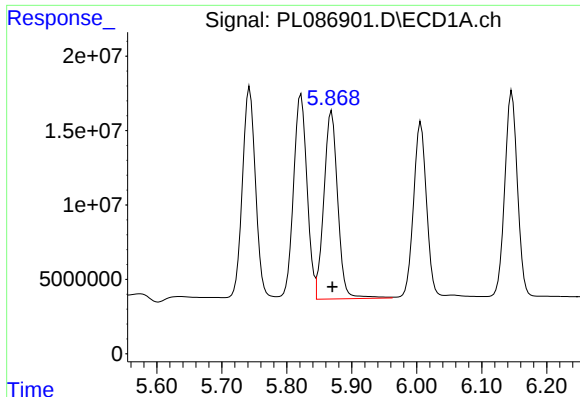
#8 Heptachlor epoxide

R.T.: 5.485 min  
Delta R.T.: 0.000 min  
Response: 193415590  
Conc: 54.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 59637071  
Conc: 52.39 ng/ml



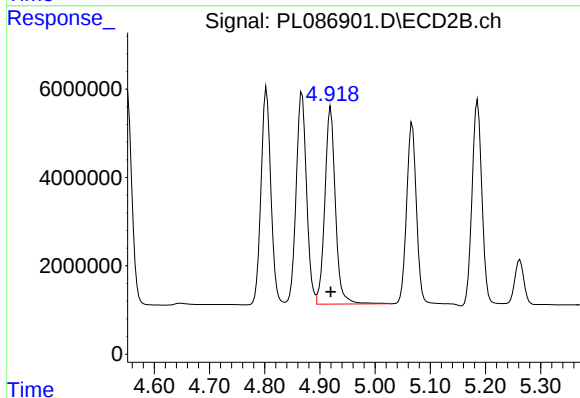
#9 Endosulfan I

R.T.: 5.869 min  
Delta R.T.: -0.001 min  
Response: 187816189  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

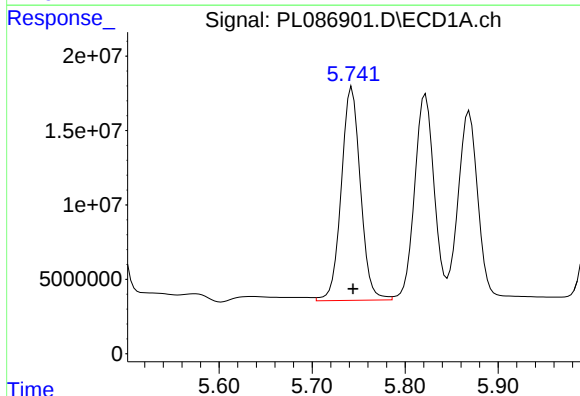
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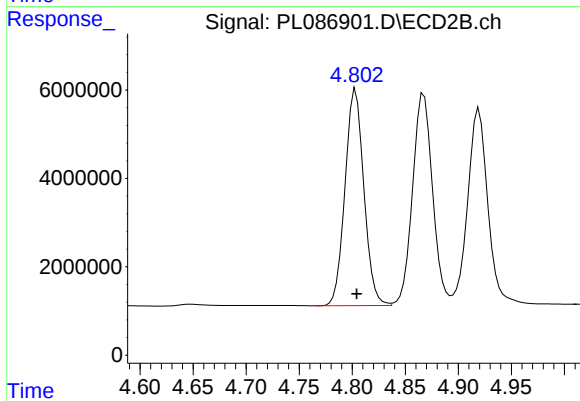
#9 Endosulfan I

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 59560632  
Conc: 46.50 ng/ml



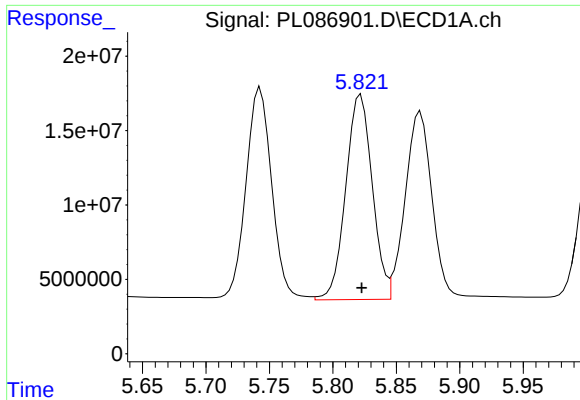
#10 gamma-Chlordane

R.T.: 5.743 min  
Delta R.T.: -0.001 min  
Response: 205175484  
Conc: 54.57 ng/ml



#10 gamma-Chlordane

R.T.: 4.803 min  
Delta R.T.: -0.001 min  
Response: 60565253  
Conc: 52.84 ng/ml



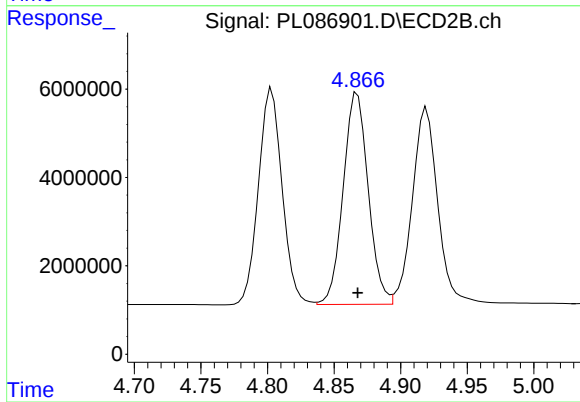
#11 alpha-Chlordane

R.T.: 5.822 min  
Delta R.T.: 0.000 min  
Response: 200167936  
Conc: 53.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

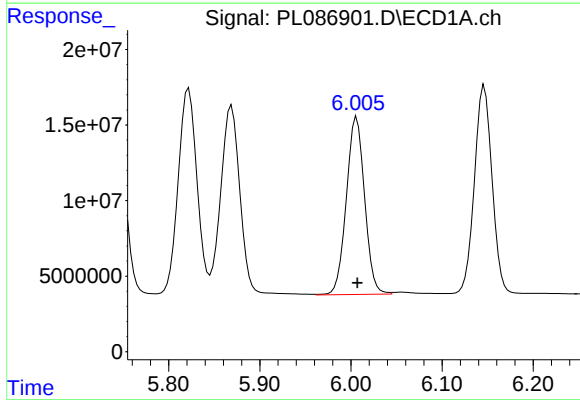
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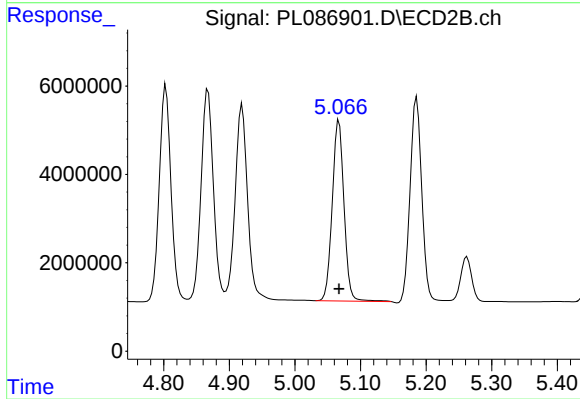
#11 alpha-Chlordane

R.T.: 4.868 min  
Delta R.T.: 0.000 min  
Response: 62776579  
Conc: 47.21 ng/ml



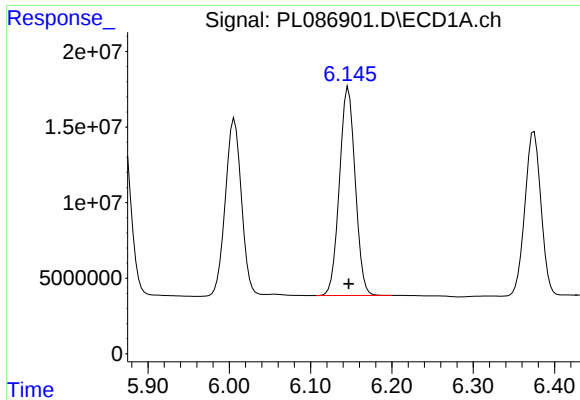
#12 4,4'-DDE

R.T.: 6.006 min  
Delta R.T.: 0.000 min  
Response: 163580460  
Conc: 54.10 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min  
Delta R.T.: 0.000 min  
Response: 50933799  
Conc: 55.48 ng/ml



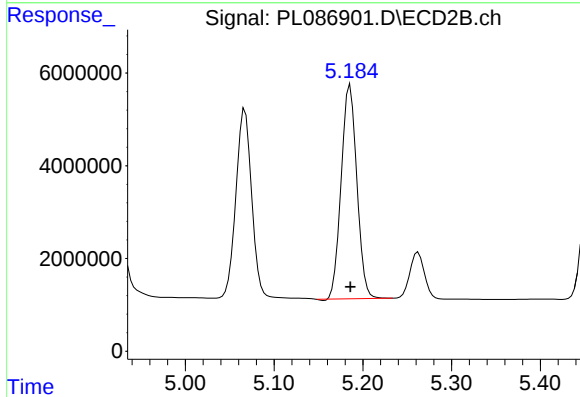
#13 Dieldrin

R.T.: 6.146 min  
Delta R.T.: 0.000 min  
Response: 185435593  
Conc: 53.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

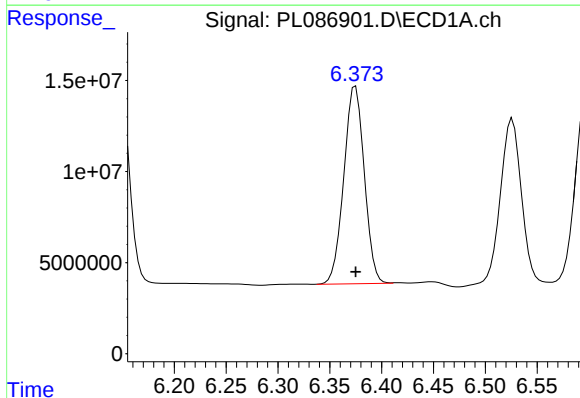
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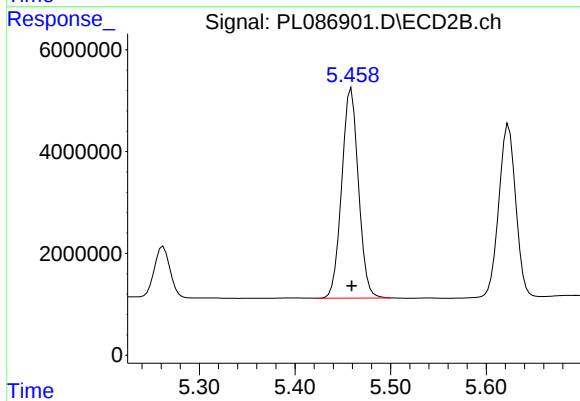
#13 Dieldrin

R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 56479531  
Conc: 52.74 ng/ml



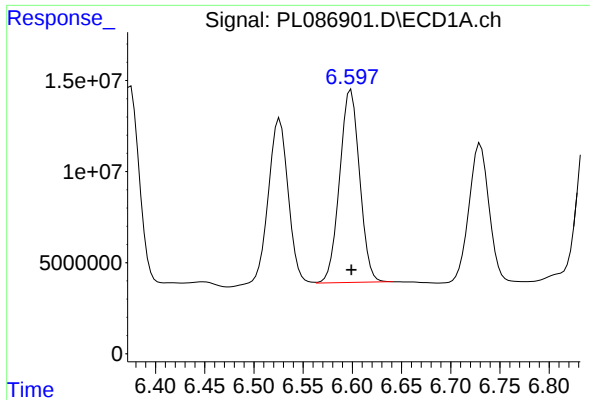
#14 Endrin

R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 148985877  
Conc: 57.80 ng/ml



#14 Endrin

R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 50290174  
Conc: 59.67 ng/ml



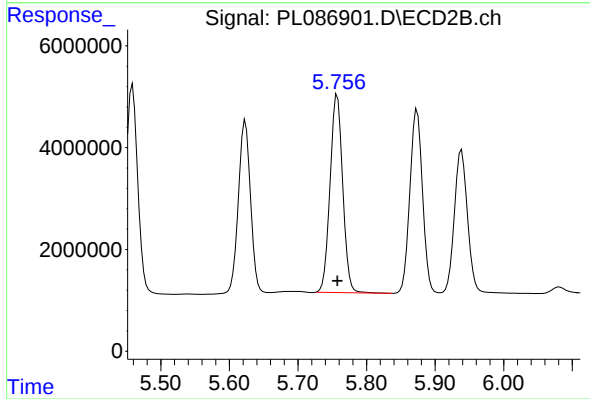
#15 Endosulfan II

R.T.: 6.599 min  
Delta R.T.: 0.000 min  
Response: 149568691  
Conc: 52.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

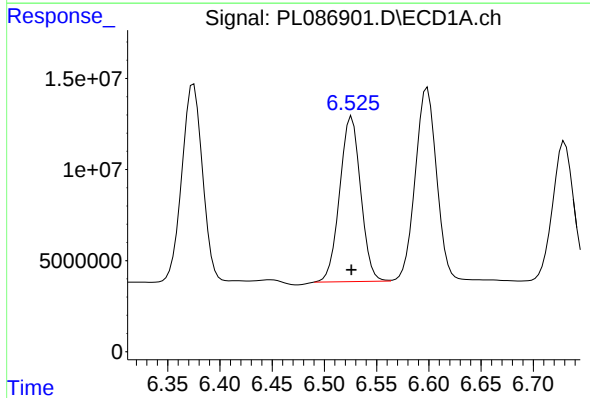
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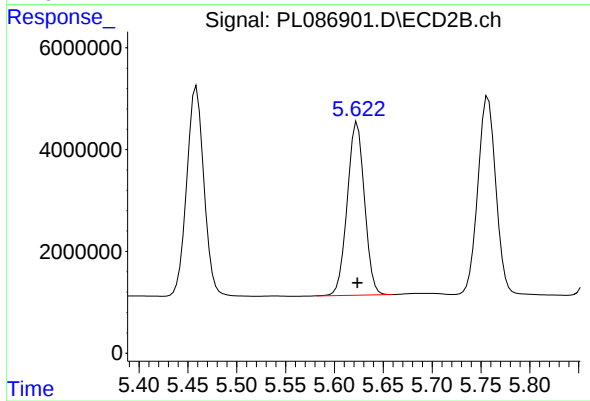
#15 Endosulfan II

R.T.: 5.757 min  
Delta R.T.: 0.000 min  
Response: 49880755  
Conc: 53.72 ng/ml



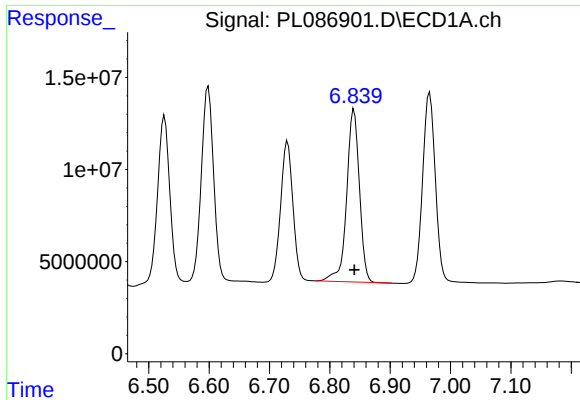
#16 4,4'-DDD

R.T.: 6.526 min  
Delta R.T.: 0.000 min  
Response: 126598597  
Conc: 54.07 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min  
Delta R.T.: 0.000 min  
Response: 41672528  
Conc: 53.96 ng/ml



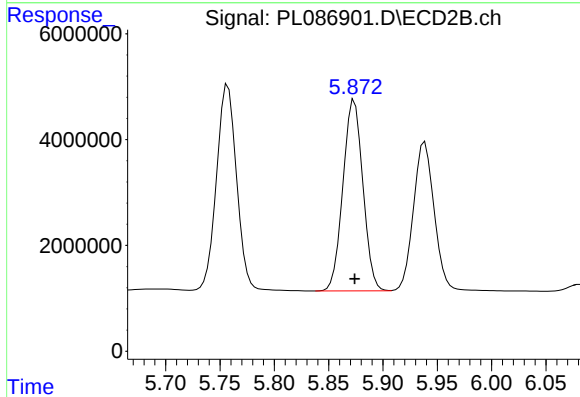
#17 4,4'-DDT

R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 137198186  
Conc: 53.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

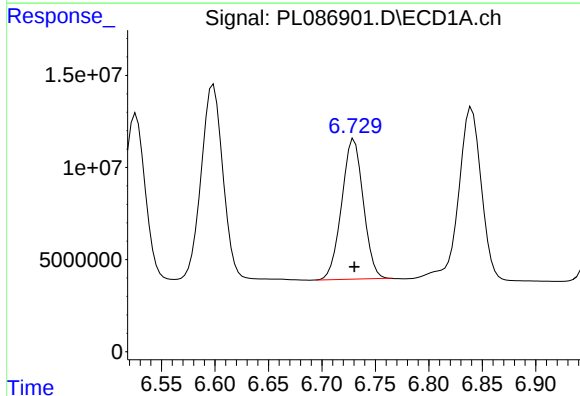
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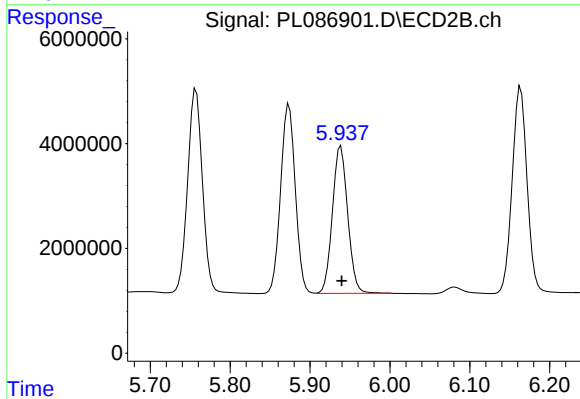
#17 4,4'-DDT

R.T.: 5.874 min  
Delta R.T.: 0.000 min  
Response: 46224325  
Conc: 57.32 ng/ml



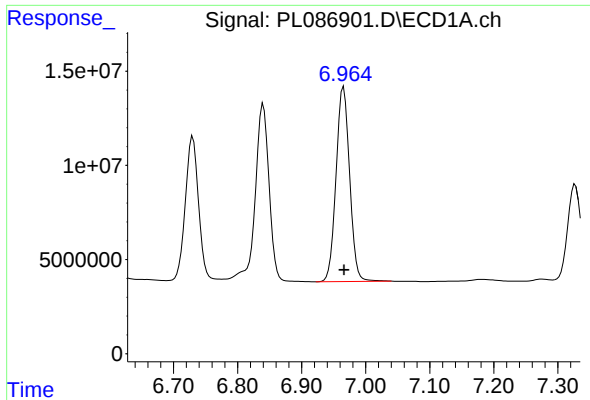
#18 Endrin aldehyde

R.T.: 6.729 min  
Delta R.T.: -0.002 min  
Response: 107037908  
Conc: 50.18 ng/ml m



#18 Endrin aldehyde

R.T.: 5.939 min  
Delta R.T.: -0.001 min  
Response: 37327796  
Conc: 53.43 ng/ml



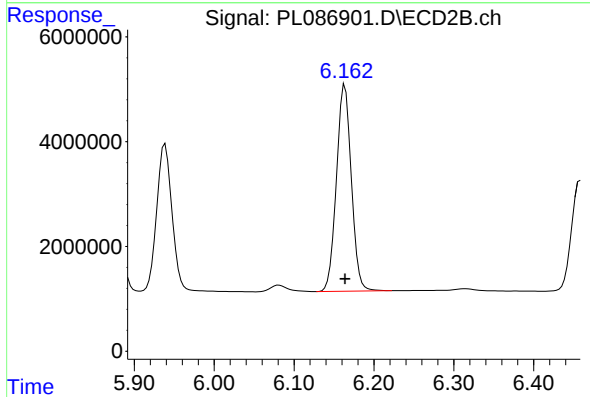
#19 Endosulfan Sulfate

R.T.: 6.966 min  
Delta R.T.: 0.000 min  
Response: 152207178  
Conc: 53.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

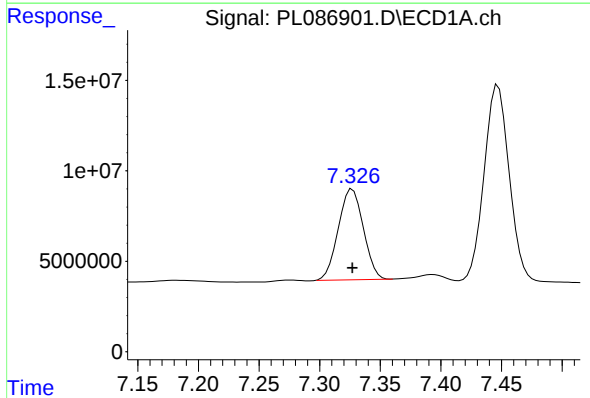
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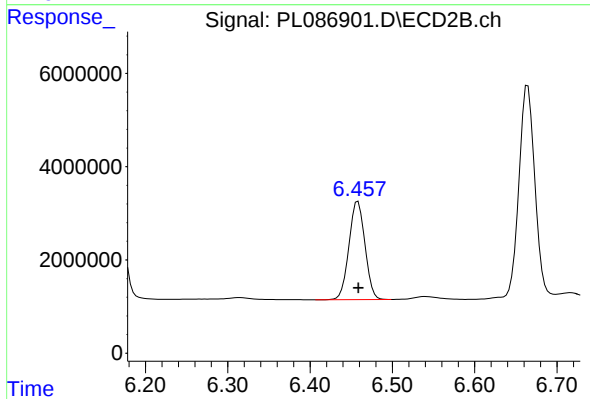
#19 Endosulfan Sulfate

R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 51147493  
Conc: 53.91 ng/ml



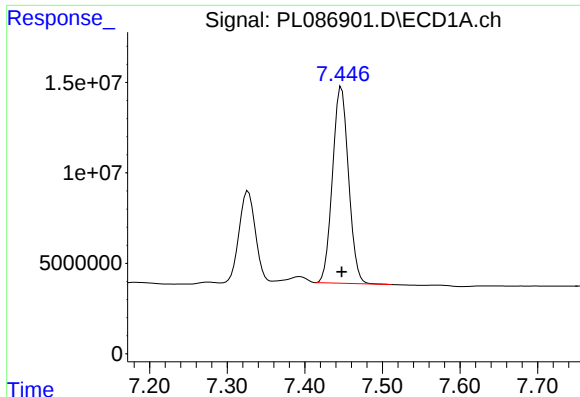
#20 Methoxychlor

R.T.: 7.327 min  
Delta R.T.: 0.000 min  
Response: 72120692  
Conc: 54.62 ng/ml



#20 Methoxychlor

R.T.: 6.458 min  
Delta R.T.: 0.000 min  
Response: 28468530  
Conc: 55.31 ng/ml



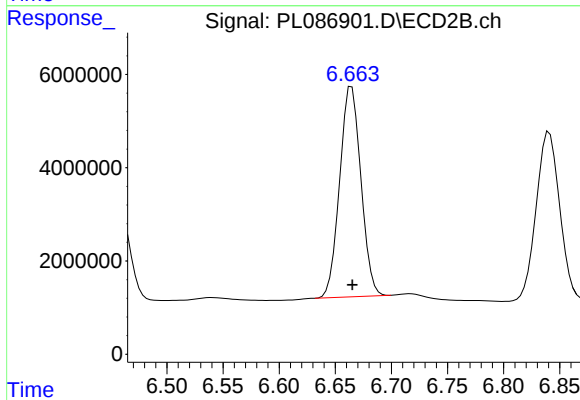
#21 Endrin ketone

R.T.: 7.447 min  
Delta R.T.: 0.000 min  
Response: 155931233  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

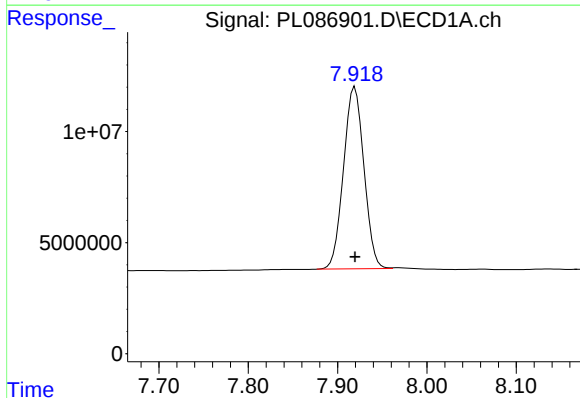
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/30/2023  
Supervised By :Ankita Jodhani 11/30/2023



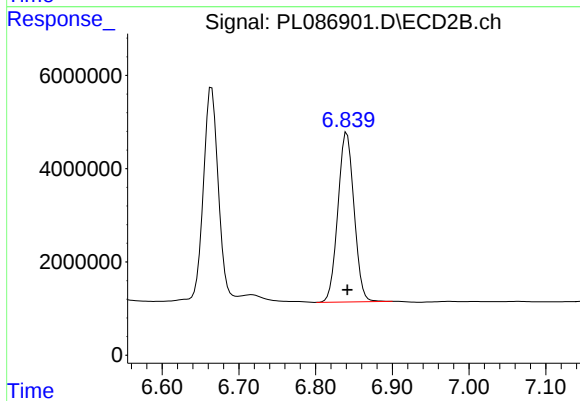
#21 Endrin ketone

R.T.: 6.665 min  
Delta R.T.: 0.000 min  
Response: 59419460  
Conc: 52.05 ng/ml



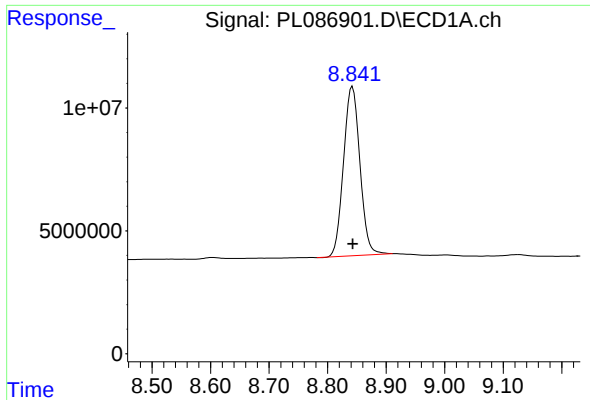
#22 Mirex

R.T.: 7.919 min  
Delta R.T.: 0.000 min  
Response: 130060752  
Conc: 50.85 ng/ml



#22 Mirex

R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 53254524  
Conc: 51.31 ng/ml



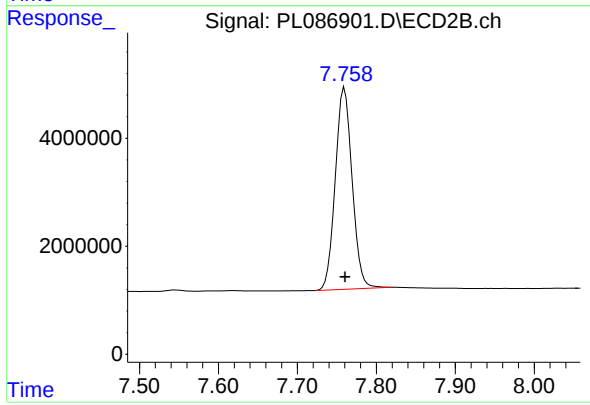
#28 Decachlorobiphenyl

R.T.: 8.842 min  
Delta R.T.: 0.000 min  
Response: 133912005  
Conc: 50.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/30/2023  
Supervised By :Ankita Jodhani 11/30/2023



#28 Decachlorobiphenyl

R.T.: 7.760 min  
Delta R.T.: 0.000 min  
Response: 55408083  
Conc: 50.25 ng/ml