

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040124\  
 Data File : PL088842.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2024 10:02  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/02/2024  
 Supervised By :Ankita Jodhani 04/02/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 01:12:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 2024  
 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... | 3.643 | 2.853 | 133.1E6  | 71063125 | 50.221  | 53.321 |
| 28)                         | SA Decachlor... | 9.312 | 8.082 | 115.0E6  | 70956073 | 46.520  | 52.331 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.108 | 3.367 | 205.2E6  | 107.5E6  | 51.415  | 53.496 |
| 3)                          | MA gamma-BHC... | 4.446 | 3.704 | 196.7E6  | 104.2E6  | 50.724  | 54.274 |
| 4)                          | MA Heptachlor   | 5.046 | 4.053 | 189.2E6  | 99024407 | 49.818  | 55.022 |
| 5)                          | MB Aldrin       | 5.394 | 4.338 | 186.2E6  | 101.0E6  | 50.803  | 55.865 |
| 6)                          | B beta-BHC      | 4.644 | 4.007 | 83404633 | 44464189 | 47.030  | 51.869 |
| 7)                          | B delta-BHC     | 4.896 | 4.241 | 193.5E6  | 102.3E6  | 48.038  | 53.452 |
| 8)                          | B Heptachlo...  | 5.825 | 4.849 | 172.0E6  | 90587757 | 50.075  | 55.085 |
| 9)                          | A Endosulfan I  | 6.215 | 5.225 | 153.5E6  | 83403613 | 50.236  | 55.482 |
| 10)                         | B gamma-Chl...  | 6.084 | 5.104 | 170.6E6  | 92565853 | 51.222  | 55.887 |
| 11)                         | B alpha-Chl...  | 6.164 | 5.168 | 168.8E6  | 92457190 | 50.767  | 55.699 |
| 12)                         | B 4,4'-DDE      | 6.339 | 5.361 | 151.1E6  | 84167146 | 50.564  | 57.705 |
| 13)                         | MA Dieldrin     | 6.494 | 5.494 | 164.1E6  | 91100653 | 50.622  | 56.091 |
| 14)                         | MA Endrin       | 6.726 | 5.773 | 134.5E6  | 78469170 | 49.201  | 54.438 |
| 15)                         | B Endosulfa...  | 6.946 | 6.071 | 143.4E6  | 78663776 | 50.052  | 54.708 |
| 16)                         | A 4,4'-DDD      | 6.861 | 5.923 | 127.4E6  | 71549231 | 50.023  | 57.452 |
| 17)                         | MA 4,4'-DDT     | 7.179 | 6.178 | 128.5E6  | 74033085 | 48.218  | 55.158 |
| 18)                         | B Endrin al...  | 7.076 | 6.253 | 107.6E6  | 60405857 | 51.558m | 57.642 |
| 19)                         | B Endosulfa...  | 7.315 | 6.478 | 134.5E6  | 76010452 | 48.723  | 54.785 |
| 20)                         | A Methoxychlor  | 7.659 | 6.761 | 69219663 | 41453517 | 45.947  | 51.683 |
| 21)                         | B Endrin ke...  | 7.806 | 6.991 | 145.9E6  | 90893962 | 49.366  | 55.064 |
| 22)                         | Mirex           | 8.288 | 7.177 | 112.6E6  | 73459914 | 48.012  | 54.478 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040124\  
Data File : PL088842.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Apr 2024 10:02  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

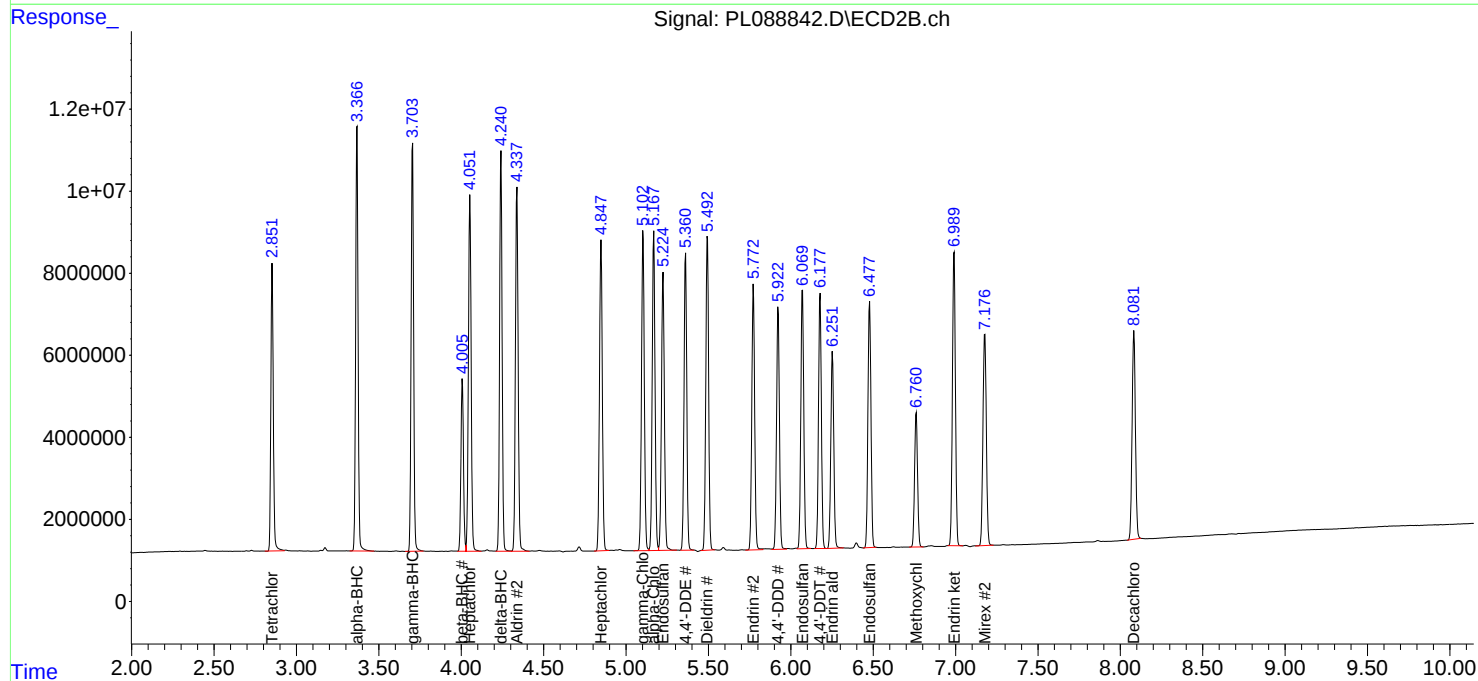
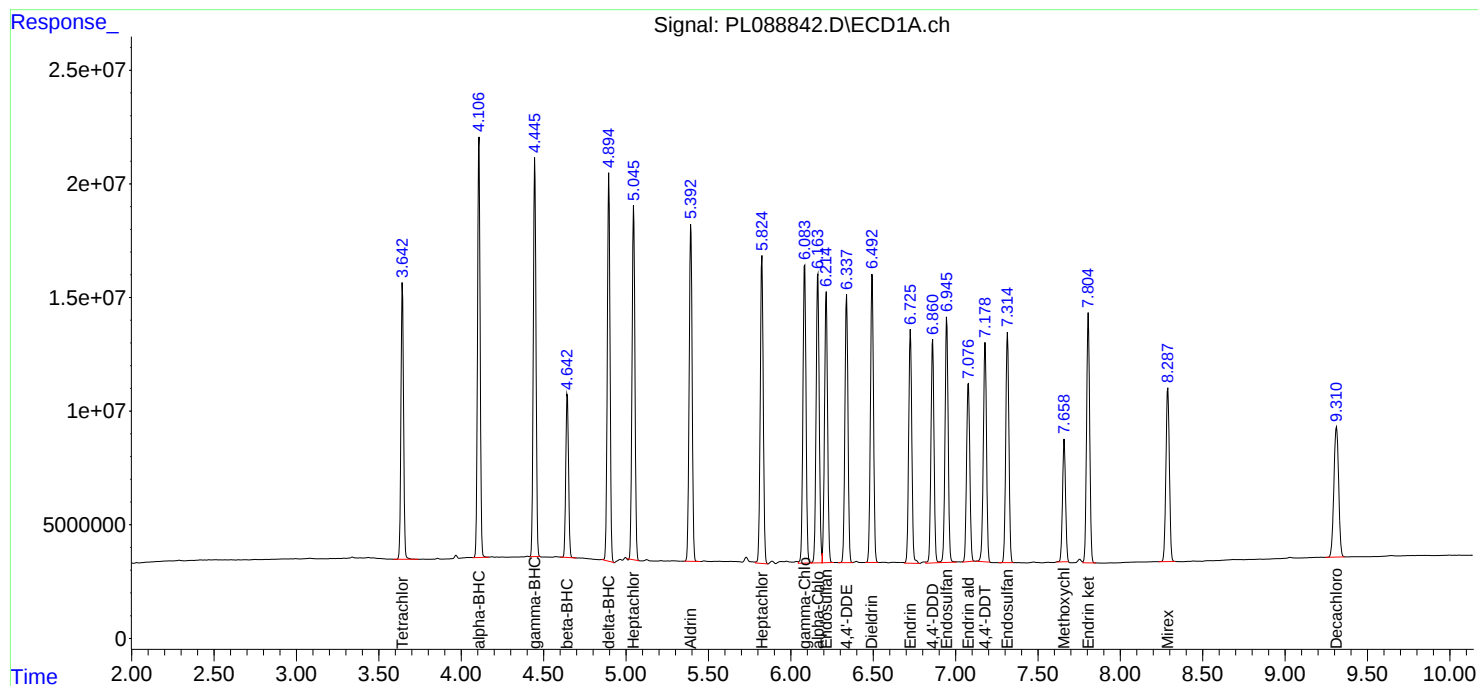
## APPROVED

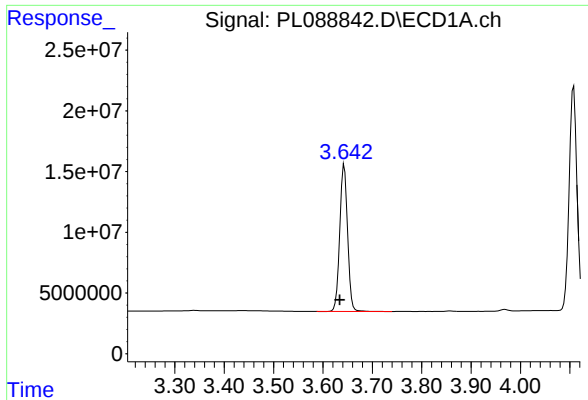
Reviewed By :Abdul Mirza 04/02/2024

Supervised By :Ankita Jodhani 04/02/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 02 01:12:23 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 13 15:45:55 2024  
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





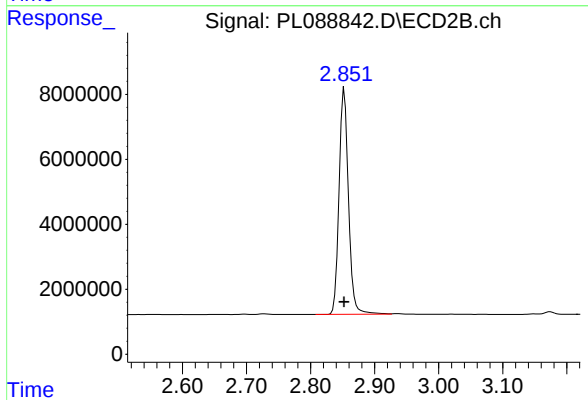
#1 Tetrachloro-m-xylene

R.T.: 3.643 min  
Delta R.T.: 0.009 min  
Response: 133084826  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

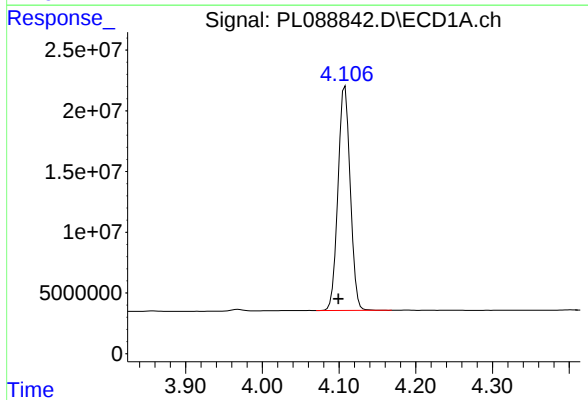
Manual Integrations  
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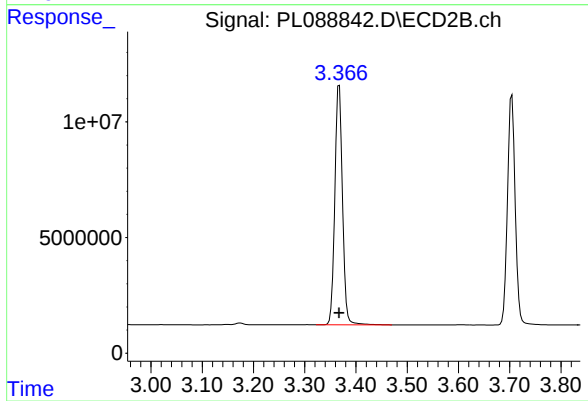
#1 Tetrachloro-m-xylene

R.T.: 2.853 min  
Delta R.T.: 0.000 min  
Response: 71063125  
Conc: 53.32 ng/ml



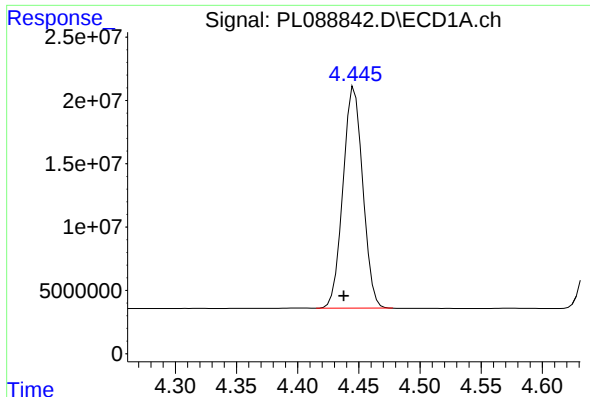
#2 alpha-BHC

R.T.: 4.108 min  
Delta R.T.: 0.009 min  
Response: 205231628  
Conc: 51.41 ng/ml



#2 alpha-BHC

R.T.: 3.367 min  
Delta R.T.: 0.000 min  
Response: 107498508  
Conc: 53.50 ng/ml



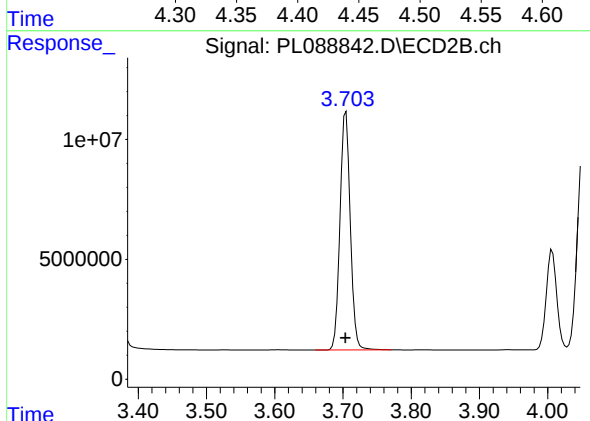
#3 gamma-BHC (Lindane)

R.T.: 4.446 min  
Delta R.T.: 0.009 min  
Response: 196719747  
Conc: 50.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

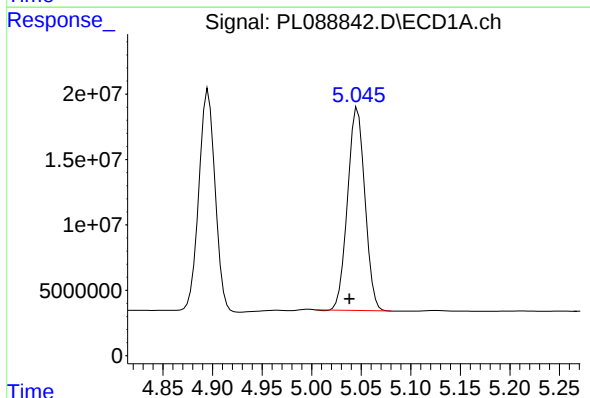
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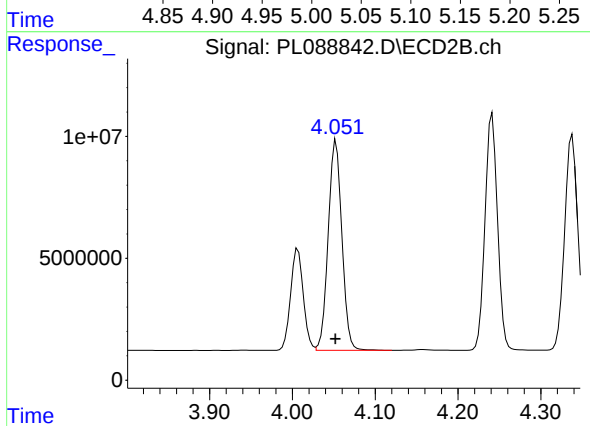
#3 gamma-BHC (Lindane)

R.T.: 3.704 min  
Delta R.T.: 0.000 min  
Response: 104158961  
Conc: 54.27 ng/ml



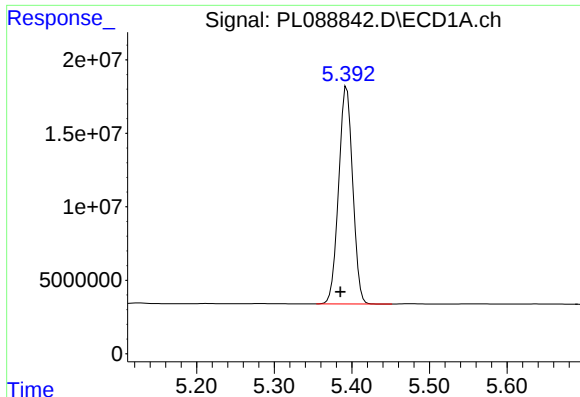
#4 Heptachlor

R.T.: 5.046 min  
Delta R.T.: 0.008 min  
Response: 189180098  
Conc: 49.82 ng/ml



#4 Heptachlor

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 99024407  
Conc: 55.02 ng/ml



#5 Aldrin

R.T.: 5.394 min  
Delta R.T.: 0.008 min  
Response: 186165858  
Conc: 50.80 ng/ml

Instrument :

ECD\_L

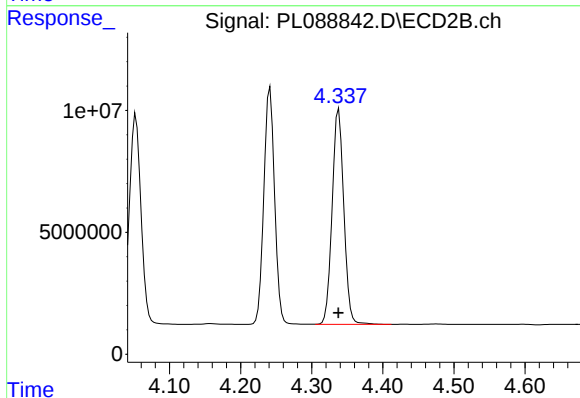
ClientSampleId :

PSTDCCC050

Manual Integrations

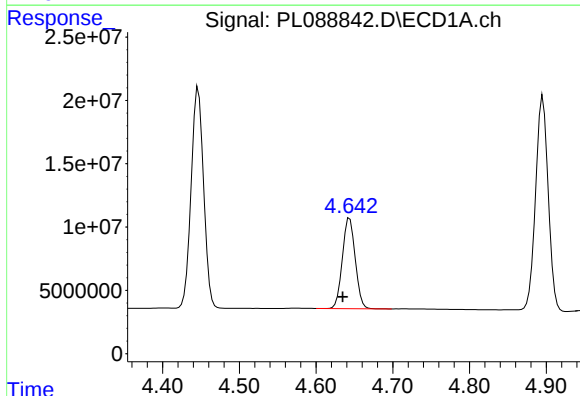
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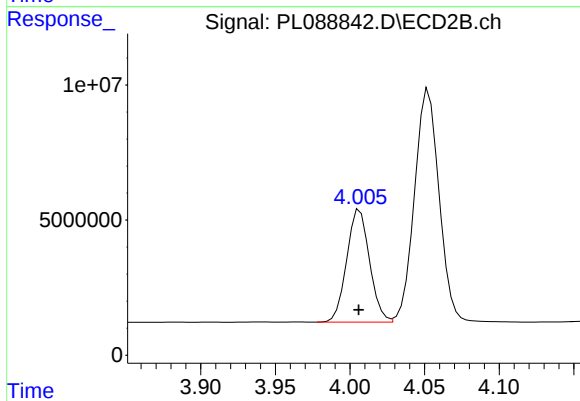
#5 Aldrin

R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 100952531  
Conc: 55.87 ng/ml



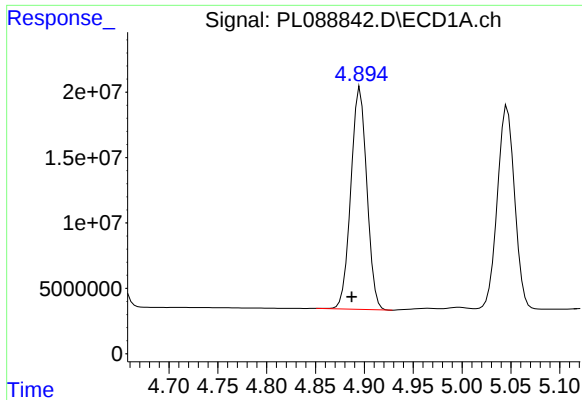
#6 beta-BHC

R.T.: 4.644 min  
Delta R.T.: 0.009 min  
Response: 83404633  
Conc: 47.03 ng/ml



#6 beta-BHC

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 44464189  
Conc: 51.87 ng/ml



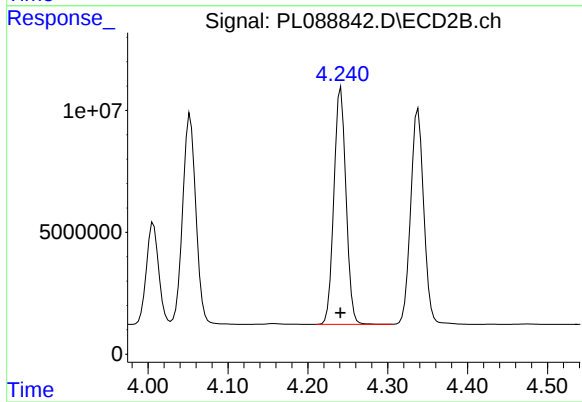
#7 delta-BHC

R.T.: 4.896 min  
Delta R.T.: 0.009 min  
Response: 193507620  
Conc: 48.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

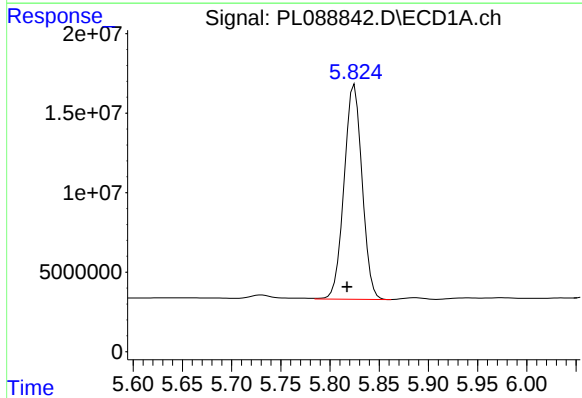
Manual Integrations  
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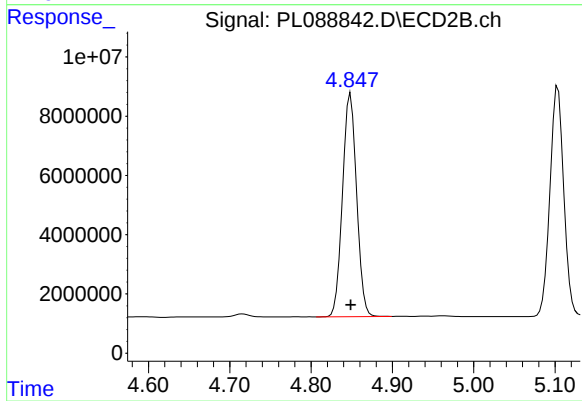
#7 delta-BHC

R.T.: 4.241 min  
Delta R.T.: 0.000 min  
Response: 102257602  
Conc: 53.45 ng/ml



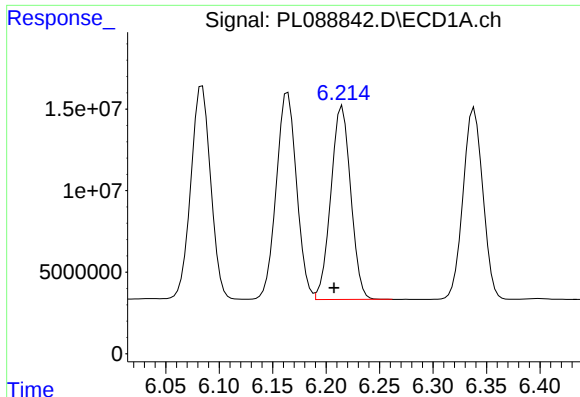
#8 Heptachlor epoxide

R.T.: 5.825 min  
Delta R.T.: 0.007 min  
Response: 172006143  
Conc: 50.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.849 min  
Delta R.T.: 0.000 min  
Response: 90587757  
Conc: 55.09 ng/ml



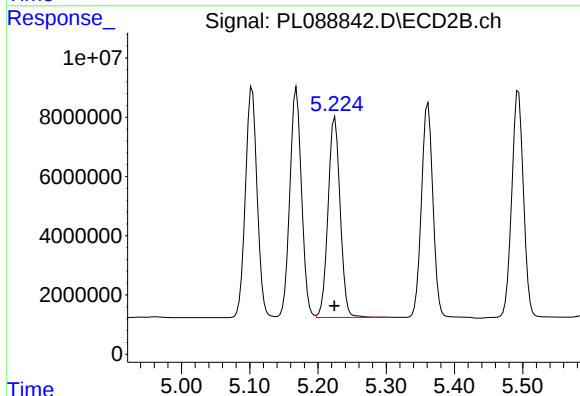
#9 Endosulfan I

R.T.: 6.215 min  
Delta R.T.: 0.008 min  
Response: 153546008  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

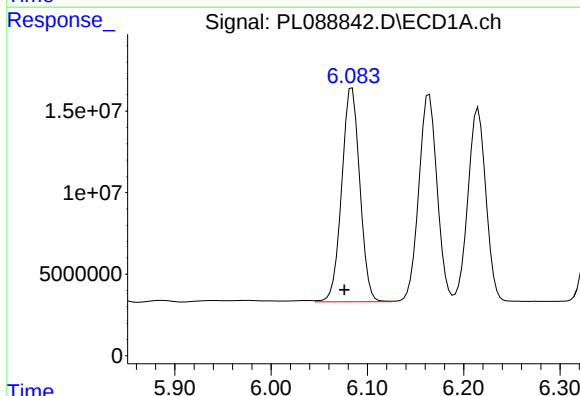
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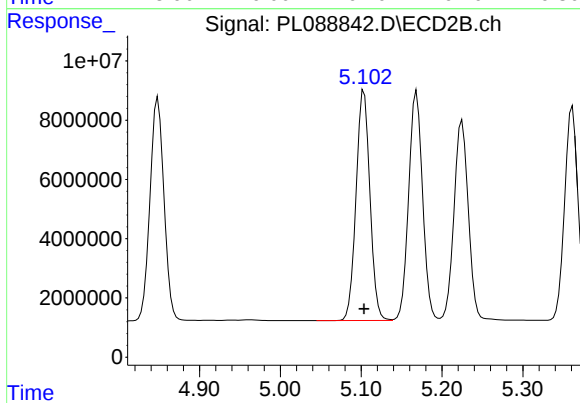
#9 Endosulfan I

R.T.: 5.225 min  
Delta R.T.: 0.000 min  
Response: 83403613  
Conc: 55.48 ng/ml



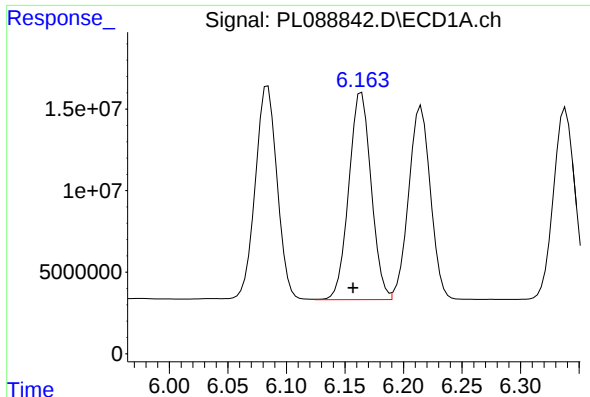
#10 gamma-Chlordane

R.T.: 6.084 min  
Delta R.T.: 0.008 min  
Response: 170611047  
Conc: 51.22 ng/ml



#10 gamma-Chlordane

R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 92565853  
Conc: 55.89 ng/ml



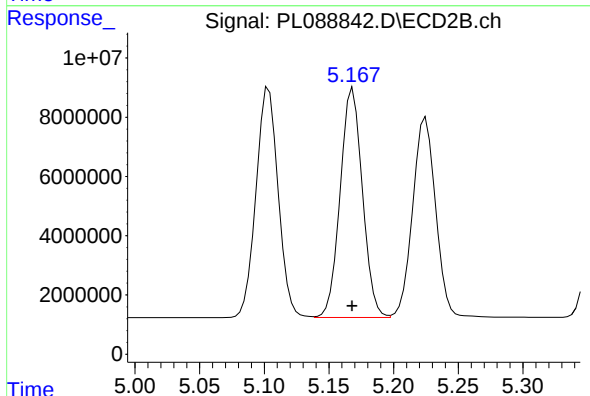
#11 alpha-Chlordane

R.T.: 6.164 min  
Delta R.T.: 0.007 min  
Response: 168750737  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

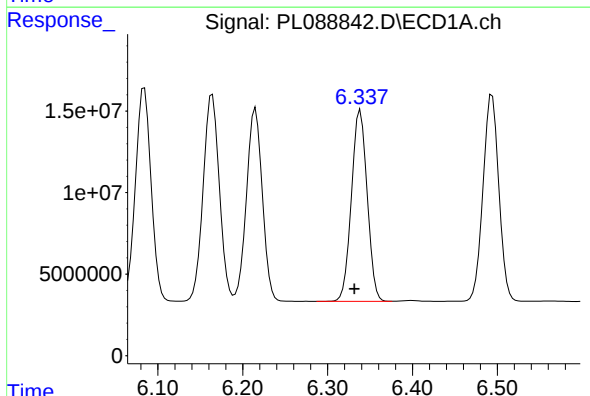
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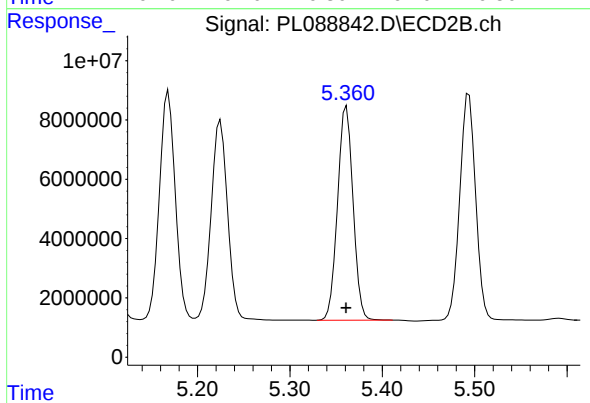
#11 alpha-Chlordane

R.T.: 5.168 min  
Delta R.T.: 0.000 min  
Response: 92457190  
Conc: 55.70 ng/ml



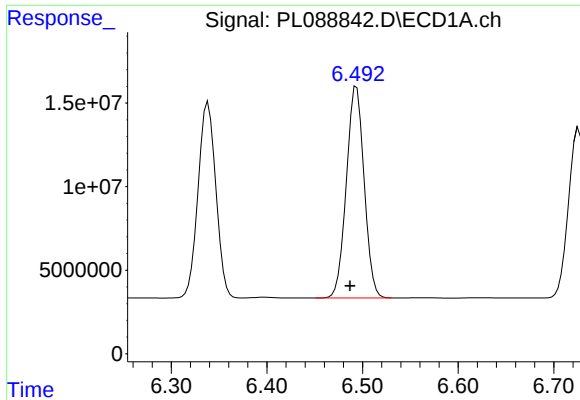
#12 4,4'-DDE

R.T.: 6.339 min  
Delta R.T.: 0.007 min  
Response: 151070885  
Conc: 50.56 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 84167146  
Conc: 57.70 ng/ml



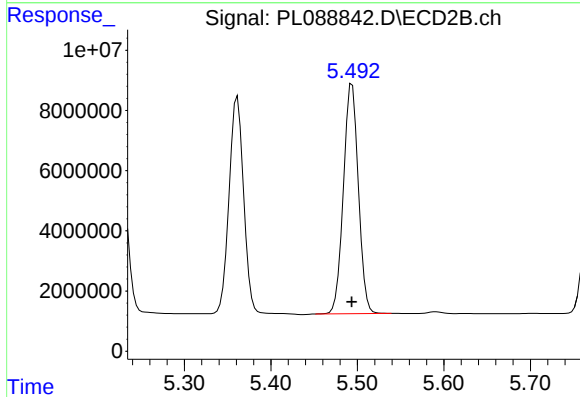
#13 Dieldrin

R.T.: 6.494 min  
Delta R.T.: 0.007 min  
Response: 164148740  
Conc: 50.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

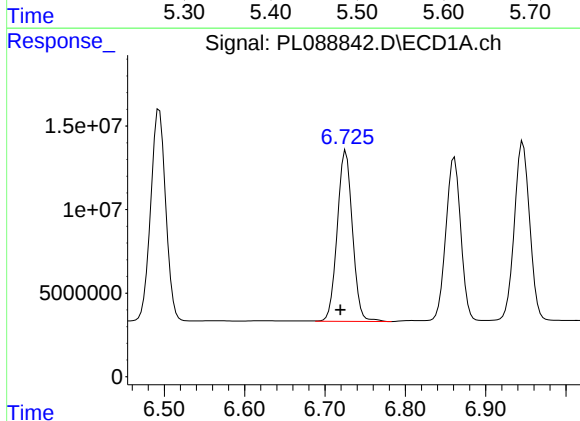
Manual Integrations  
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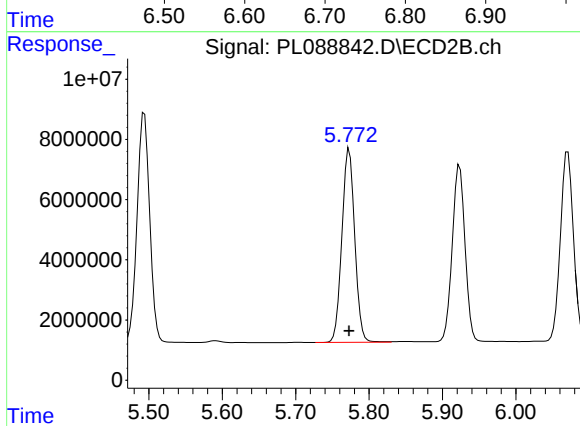
#13 Dieldrin

R.T.: 5.494 min  
Delta R.T.: 0.000 min  
Response: 91100653  
Conc: 56.09 ng/ml



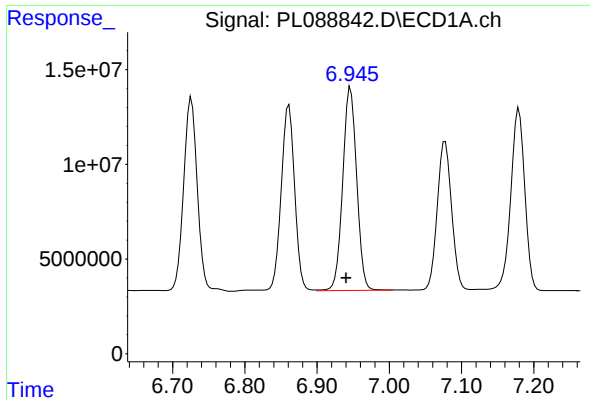
#14 Endrin

R.T.: 6.726 min  
Delta R.T.: 0.007 min  
Response: 134501859  
Conc: 49.20 ng/ml



#14 Endrin

R.T.: 5.773 min  
Delta R.T.: 0.000 min  
Response: 78469170  
Conc: 54.44 ng/ml



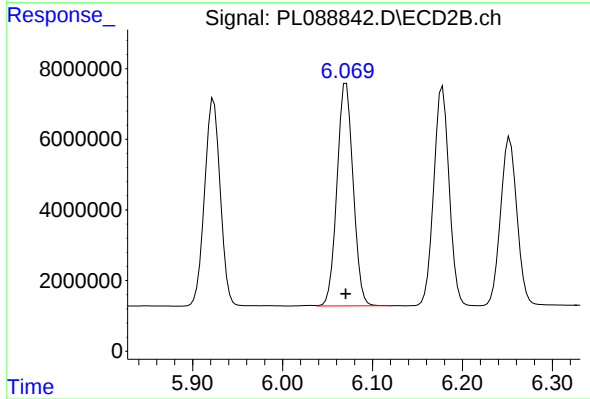
#15 Endosulfan II

R.T.: 6.946 min  
Delta R.T.: 0.006 min  
Response: 143357369  
Conc: 50.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

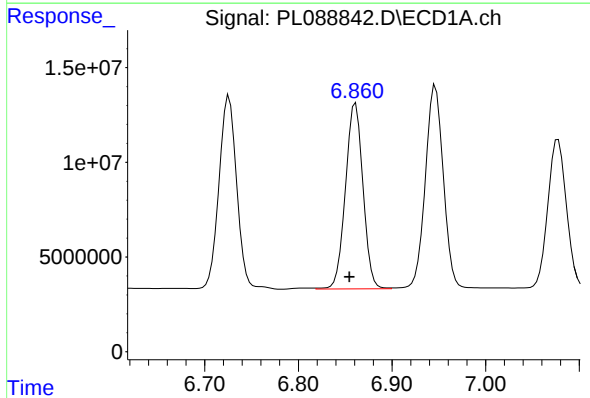
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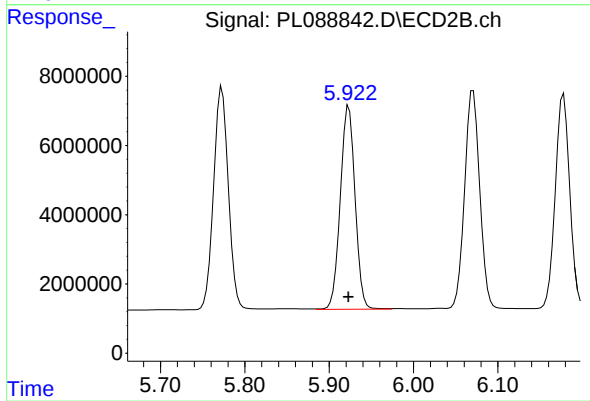
#15 Endosulfan II

R.T.: 6.071 min  
Delta R.T.: 0.000 min  
Response: 78663776  
Conc: 54.71 ng/ml



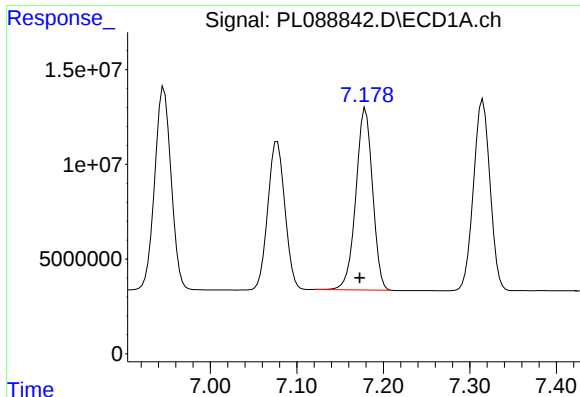
#16 4,4'-DDD

R.T.: 6.861 min  
Delta R.T.: 0.007 min  
Response: 127397212  
Conc: 50.02 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 71549231  
Conc: 57.45 ng/ml



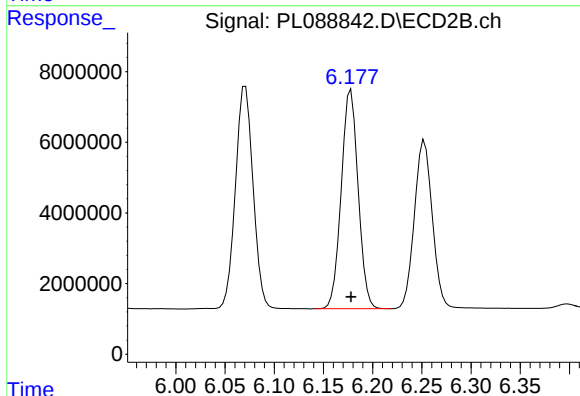
#17 4,4'-DDT

R.T.: 7.179 min  
Delta R.T.: 0.007 min  
Response: 128524888  
Conc: 48.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

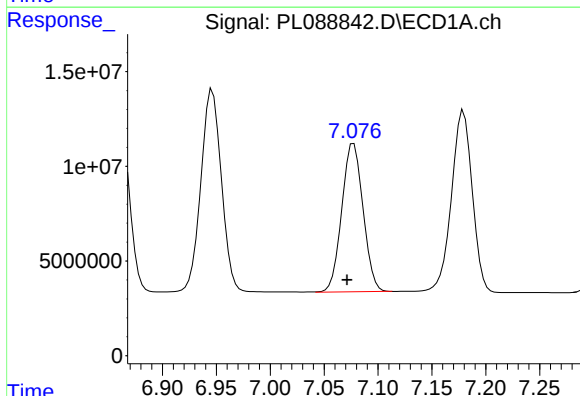
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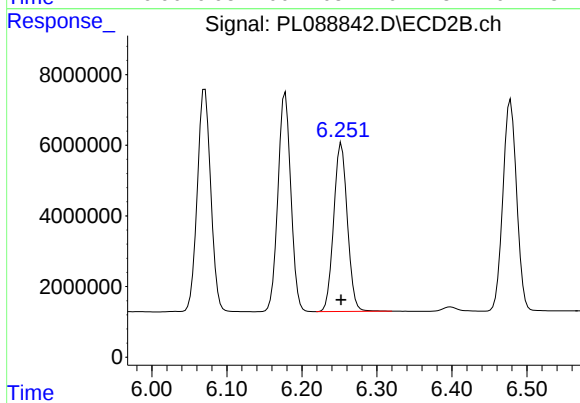
#17 4,4'-DDT

R.T.: 6.178 min  
Delta R.T.: 0.000 min  
Response: 74033085  
Conc: 55.16 ng/ml



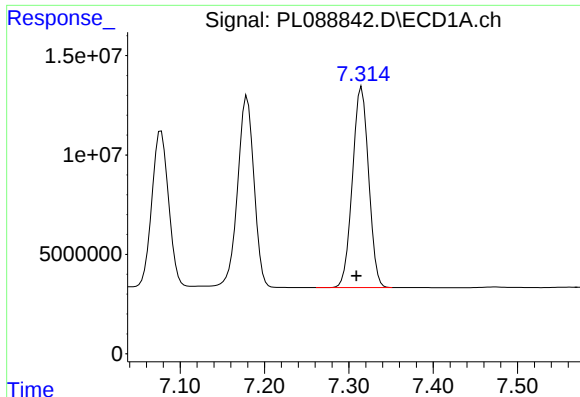
#18 Endrin aldehyde

R.T.: 7.076 min  
Delta R.T.: 0.005 min  
Response: 107645401  
Conc: 51.56 ng/ml m



#18 Endrin aldehyde

R.T.: 6.253 min  
Delta R.T.: 0.000 min  
Response: 60405857  
Conc: 57.64 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.315 min  
Delta R.T.: 0.006 min  
Response: 134537625  
Conc: 48.72 ng/ml

Instrument :

ECD\_L

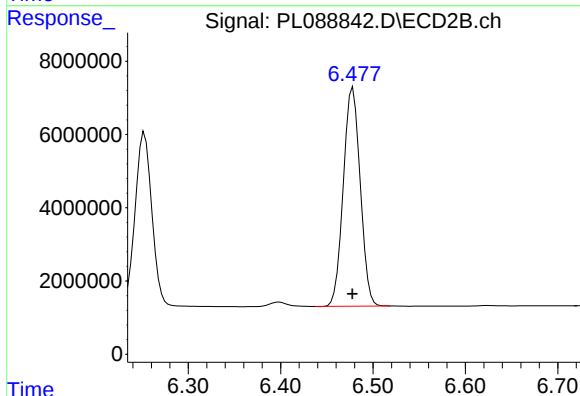
ClientSampleId :

PSTDCCC050

Manual Integrations

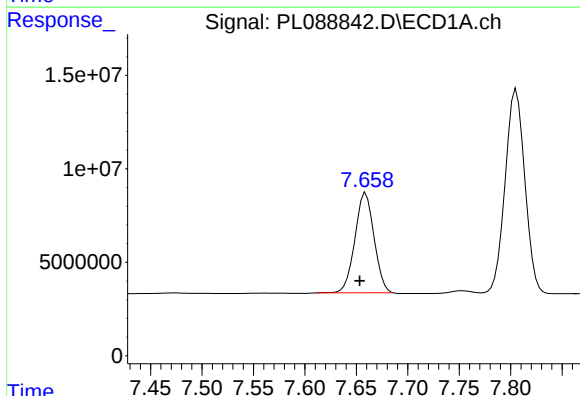
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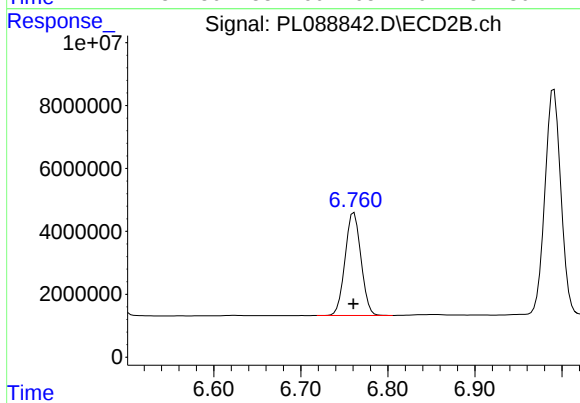
#19 Endosulfan Sulfate

R.T.: 6.478 min  
Delta R.T.: 0.000 min  
Response: 76010452  
Conc: 54.78 ng/ml



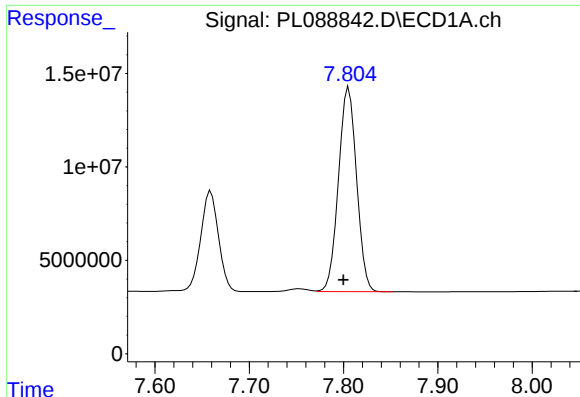
#20 Methoxychlor

R.T.: 7.659 min  
Delta R.T.: 0.006 min  
Response: 69219663  
Conc: 45.95 ng/ml



#20 Methoxychlor

R.T.: 6.761 min  
Delta R.T.: 0.000 min  
Response: 41453517  
Conc: 51.68 ng/ml



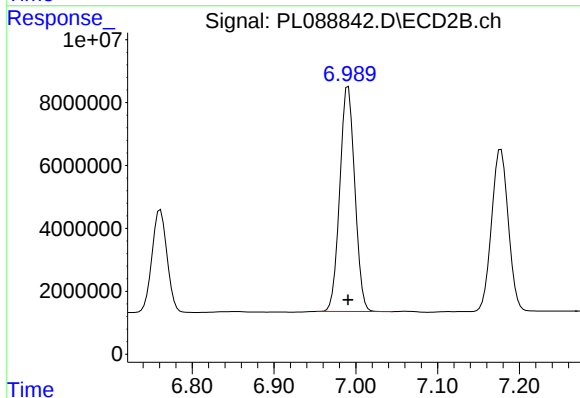
#21 Endrin ketone

R.T.: 7.806 min  
Delta R.T.: 0.006 min  
Response: 145946465  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

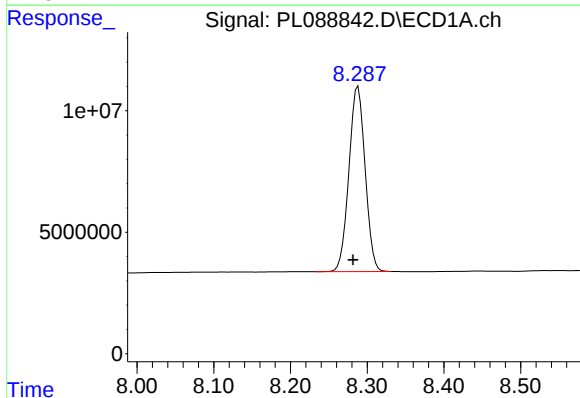
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/02/2024  
Supervised By :Ankita Jodhani 04/02/2024



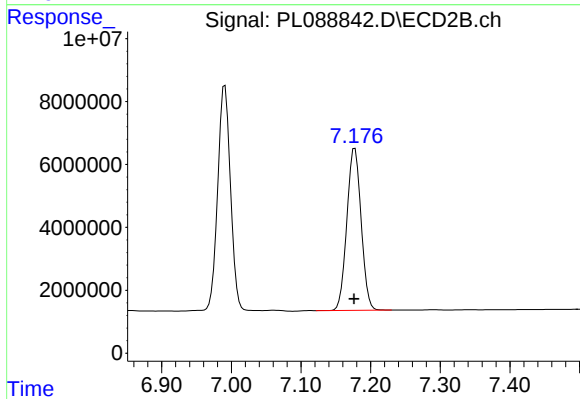
#21 Endrin ketone

R.T.: 6.991 min  
Delta R.T.: 0.000 min  
Response: 90893962  
Conc: 55.06 ng/ml



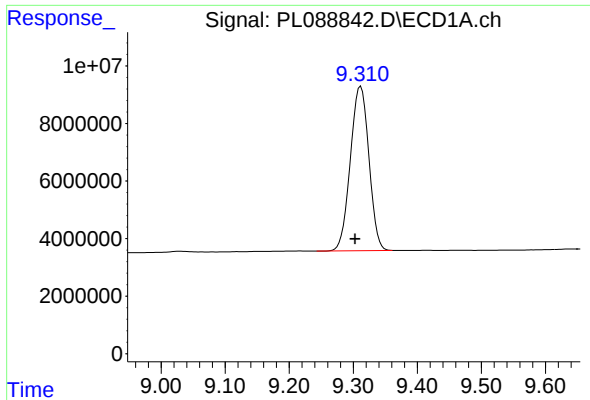
#22 Mirex

R.T.: 8.288 min  
Delta R.T.: 0.006 min  
Response: 112563607  
Conc: 48.01 ng/ml



#22 Mirex

R.T.: 7.177 min  
Delta R.T.: 0.000 min  
Response: 73459914  
Conc: 54.48 ng/ml



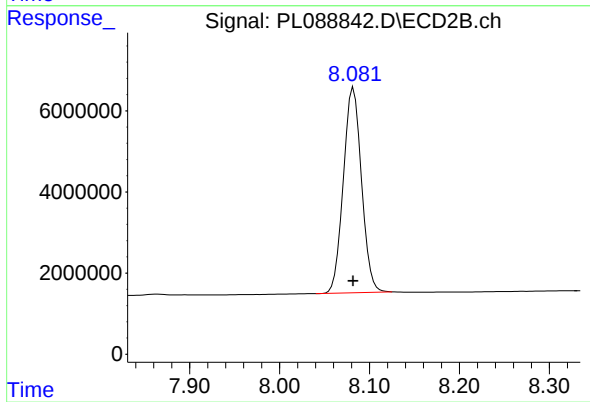
#28 Decachlorobiphenyl

R.T.: 9.312 min  
Delta R.T.: 0.009 min  
Response: 114993779  
Conc: 46.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/02/2024  
Supervised By :Ankita Jodhani 04/02/2024



#28 Decachlorobiphenyl

R.T.: 8.082 min  
Delta R.T.: 0.000 min  
Response: 70956073  
Conc: 52.33 ng/ml