

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
 Data File : PL087330.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2023 16:07  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/22/2023  
 Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 22 00:28:38 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 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... | 3.422 | 2.677 | 216.7E6  | 91687828 | 57.574  | 54.469  |
| 28)                         | SA Decachlor... | 8.979 | 7.867 | 187.0E6  | 85675943 | 54.833  | 50.727  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.878 | 3.180 | 321.3E6  | 135.6E6  | 59.340  | 55.175m |
| 3)                          | MA gamma-BHC... | 4.212 | 3.512 | 304.7E6  | 130.0E6  | 57.982  | 53.669  |
| 4)                          | MA Heptachlor   | 4.803 | 3.855 | 299.8E6  | 126.8E6  | 56.289m | 53.060  |
| 5)                          | MB Aldrin       | 5.147 | 4.135 | 290.6E6  | 123.9E6  | 55.813  | 51.687  |
| 6)                          | B beta-BHC      | 4.411 | 3.814 | 125.1E6  | 52567188 | 54.458  | 50.497  |
| 7)                          | B delta-BHC     | 4.656 | 4.043 | 294.7E6  | 128.0E6  | 56.346m | 52.341  |
| 8)                          | B Heptachlo...  | 5.577 | 4.643 | 248.7E6  | 111.4E6  | 52.775  | 50.079  |
| 9)                          | A Endosulfan I  | 5.963 | 5.014 | 237.1E6  | 123.2E6  | 53.082  | 57.001  |
| 10)                         | B gamma-Chl...  | 5.835 | 4.897 | 257.1E6  | 112.4E6  | 53.035  | 49.138  |
| 11)                         | B alpha-Chl...  | 5.916 | 4.961 | 254.2E6  | 119.9E6  | 52.900  | 51.966  |
| 12)                         | B 4,4'-DDE      | 6.097 | 5.159 | 215.7E6  | 95165362 | 52.046  | 47.930  |
| 13)                         | MA Dieldrin     | 6.242 | 5.282 | 247.2E6  | 109.7E6  | 53.271  | 49.236  |
| 14)                         | MA Endrin       | 6.472 | 5.558 | 200.9E6  | 94435963 | 52.223  | 47.321  |
| 15)                         | B Endosulfa...  | 6.693 | 5.854 | 201.9E6  | 90757398 | 50.343  | 46.614m |
| 16)                         | A 4,4'-DDD      | 6.617 | 5.718 | 169.6E6  | 78496094 | 51.310  | 47.408  |
| 17)                         | MA 4,4'-DDT     | 6.934 | 5.970 | 192.7E6  | 86701544 | 51.256  | 47.010  |
| 18)                         | B Endrin al...  | 6.825 | 6.037 | 147.4E6  | 67248005 | 50.870  | 45.821  |
| 19)                         | B Endosulfa...  | 7.061 | 6.263 | 201.1E6  | 90207468 | 51.208  | 47.885  |
| 20)                         | A Methoxychlor  | 7.419 | 6.556 | 97968672 | 47231139 | 50.242  | 46.242  |
| 21)                         | B Endrin ke...  | 7.546 | 6.766 | 213.0E6  | 104.8E6  | 52.352m | 49.220m |
| 22)                         | Mirex           | 8.025 | 6.950 | 172.3E6  | 86081122 | 51.164  | 48.384  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
Data File : PL087330.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2023 16:07  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

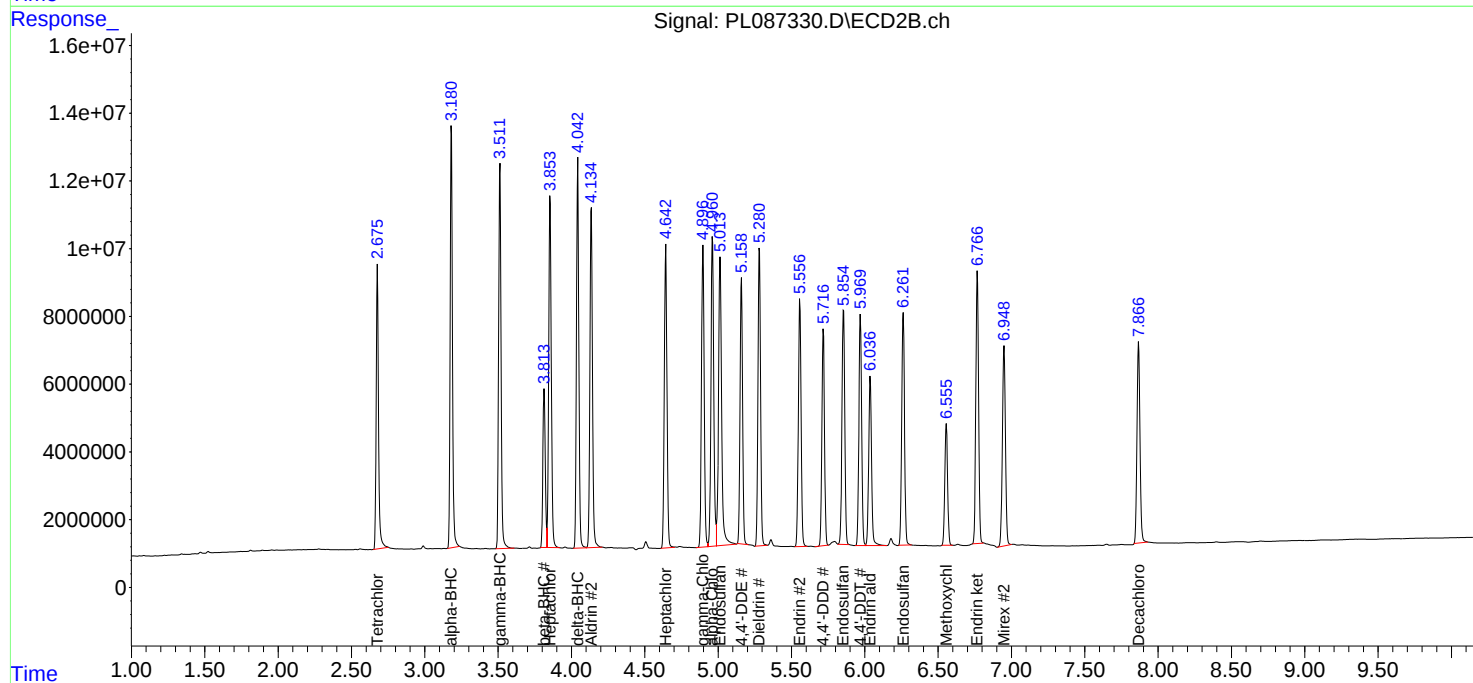
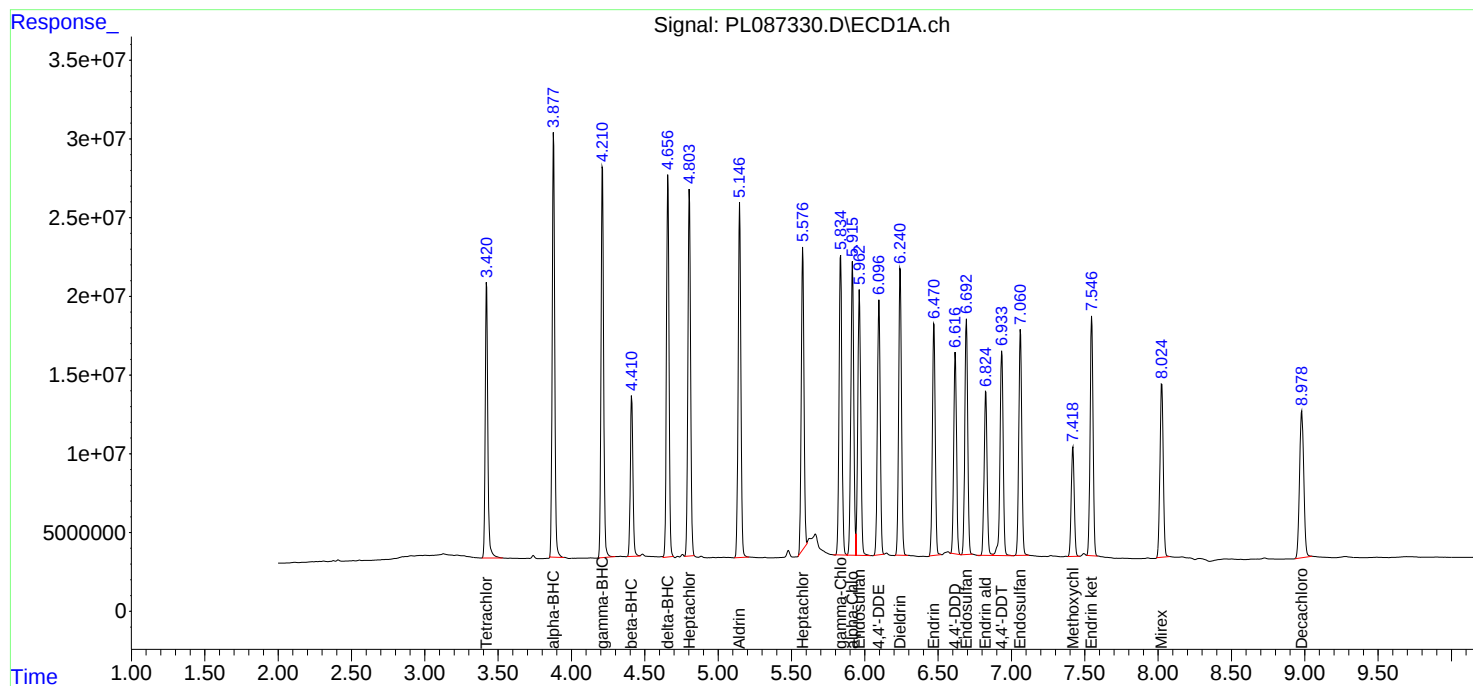
## APPROVED

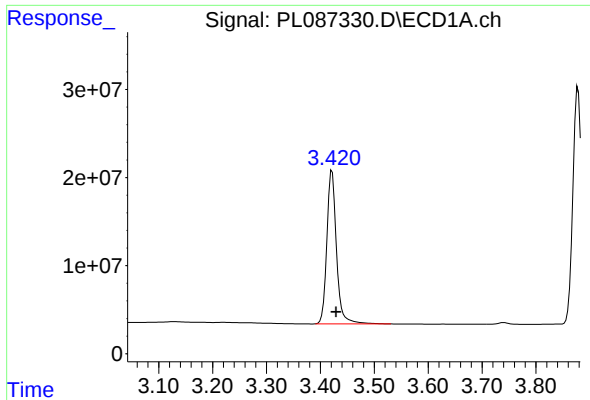
Reviewed By :Abdul Mirza 12/22/2023

Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 22 00:28:38 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 04:03:23 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





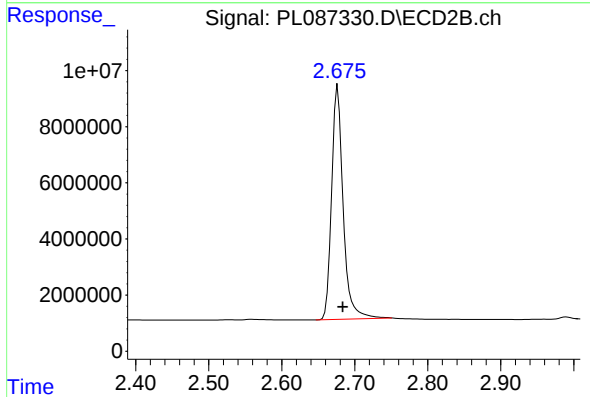
#1 Tetrachloro-m-xylene

R.T.: 3.422 min  
Delta R.T.: -0.007 min  
Response: 216677481  
Conc: 57.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

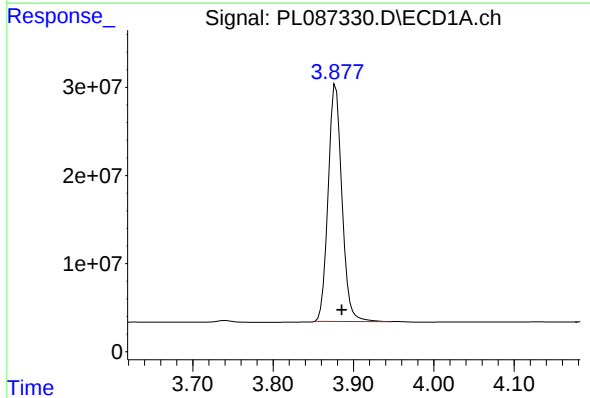
Manual Integrations  
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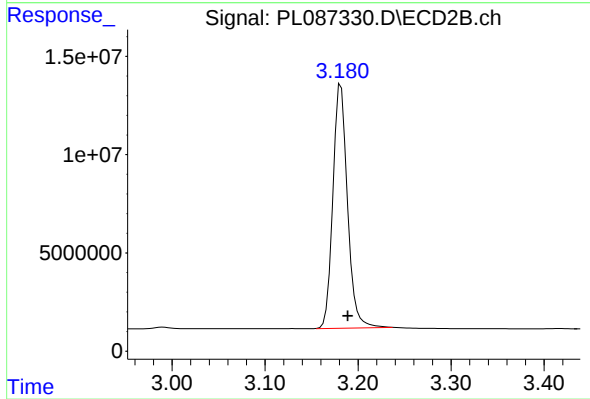
#1 Tetrachloro-m-xylene

R.T.: 2.677 min  
Delta R.T.: -0.007 min  
Response: 91687828  
Conc: 54.47 ng/ml



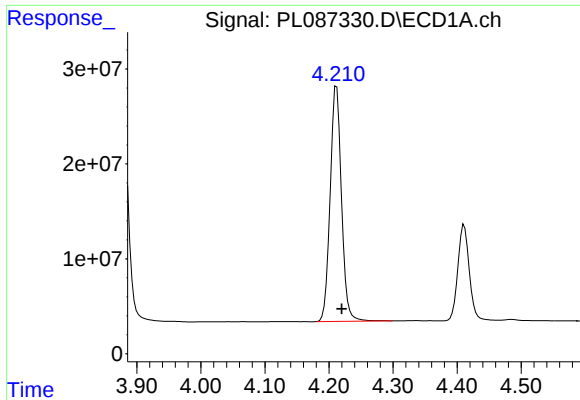
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: -0.007 min  
Response: 321275211  
Conc: 59.34 ng/ml



#2 alpha-BHC

R.T.: 3.180 min  
Delta R.T.: -0.009 min  
Response: 135598540  
Conc: 55.18 ng/ml m



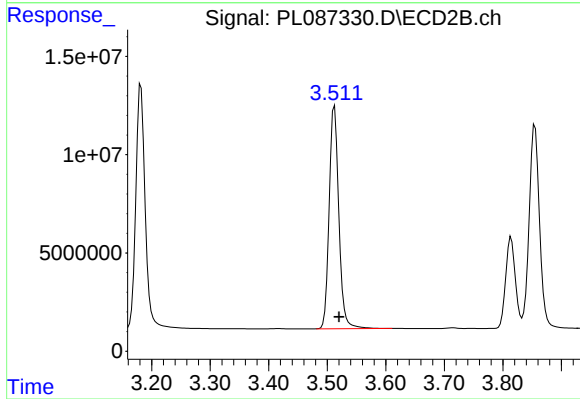
#3 gamma-BHC (Lindane)

R.T.: 4.212 min  
Delta R.T.: -0.008 min  
Response: 304733595  
Conc: 57.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

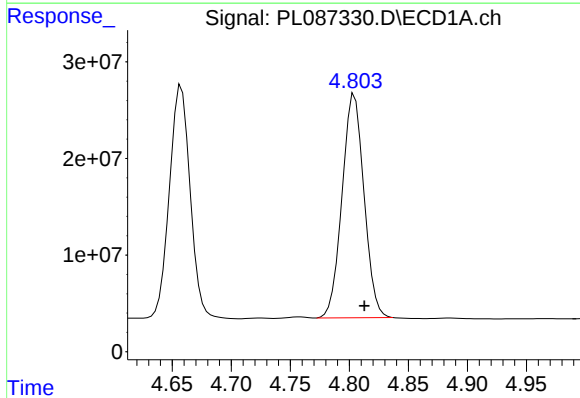
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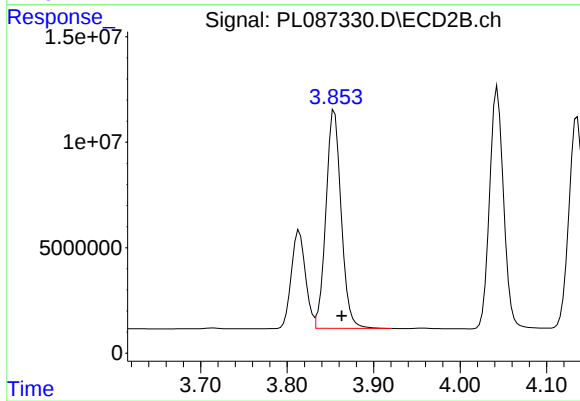
#3 gamma-BHC (Lindane)

R.T.: 3.512 min  
Delta R.T.: -0.008 min  
Response: 130008387  
Conc: 53.67 ng/ml



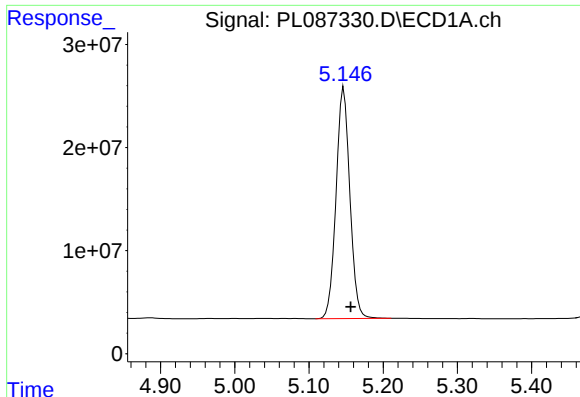
#4 Heptachlor

R.T.: 4.803 min  
Delta R.T.: -0.010 min  
Response: 299826020  
Conc: 56.29 ng/ml m



#4 Heptachlor

R.T.: 3.855 min  
Delta R.T.: -0.008 min  
Response: 126829568  
Conc: 53.06 ng/ml



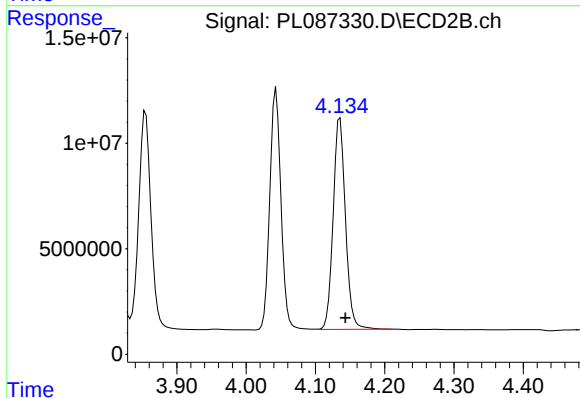
#5 Aldrin

R.T.: 5.147 min  
Delta R.T.: -0.009 min  
Response: 290586136  
Conc: 55.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

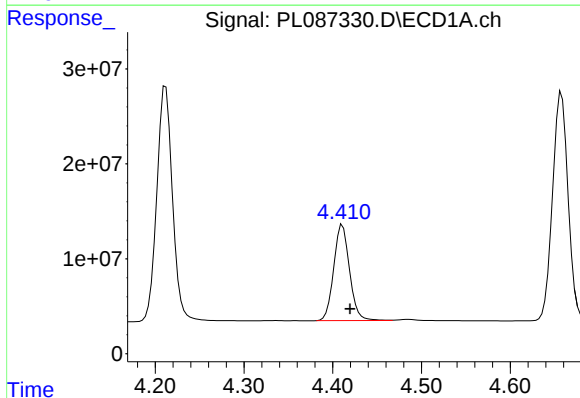
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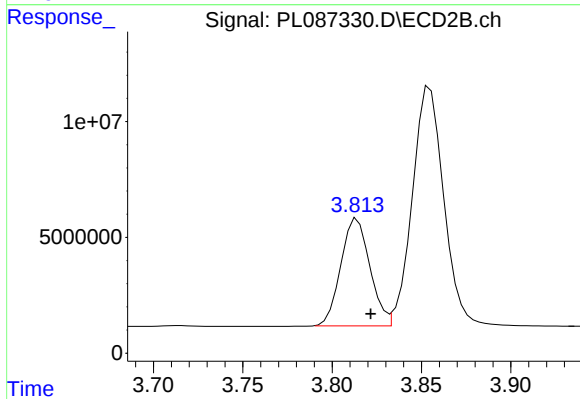
#5 Aldrin

R.T.: 4.135 min  
Delta R.T.: -0.008 min  
Response: 123932408  
Conc: 51.69 ng/ml



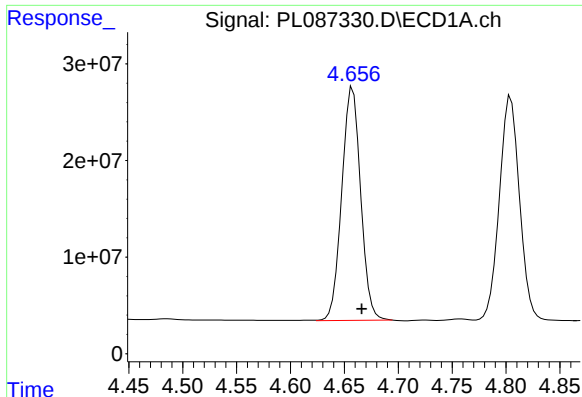
#6 beta-BHC

R.T.: 4.411 min  
Delta R.T.: -0.009 min  
Response: 125078935  
Conc: 54.46 ng/ml



#6 beta-BHC

R.T.: 3.814 min  
Delta R.T.: -0.008 min  
Response: 52567188  
Conc: 50.50 ng/ml



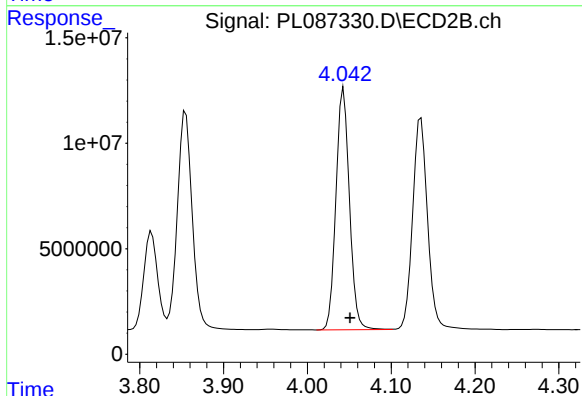
#7 delta-BHC

R.T.: 4.656 min  
Delta R.T.: -0.010 min  
Response: 294654788  
Conc: 56.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

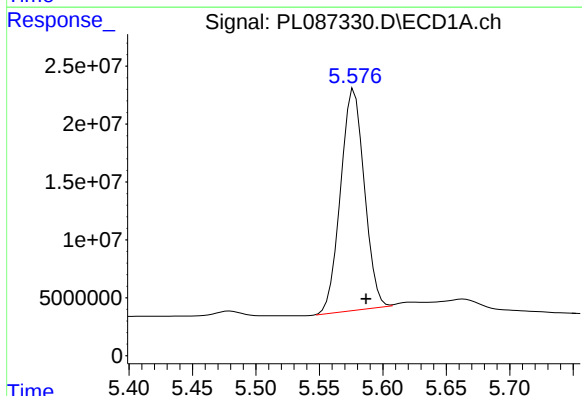
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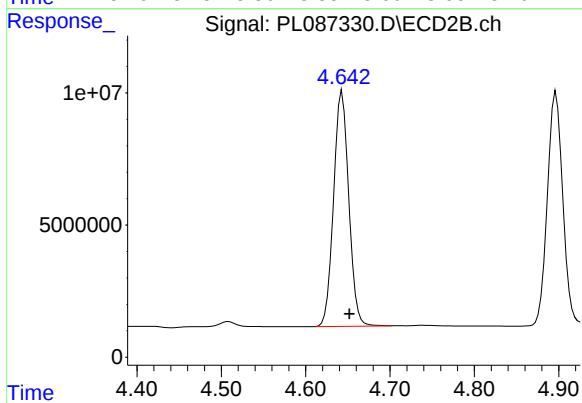
#7 delta-BHC

R.T.: 4.043 min  
Delta R.T.: -0.008 min  
Response: 128035975  
Conc: 52.34 ng/ml



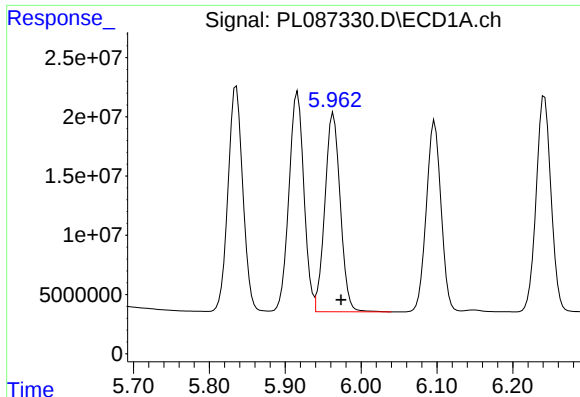
#8 Heptachlor epoxide

R.T.: 5.577 min  
Delta R.T.: -0.009 min  
Response: 248716524  
Conc: 52.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.643 min  
Delta R.T.: -0.009 min  
Response: 111441145  
Conc: 50.08 ng/ml



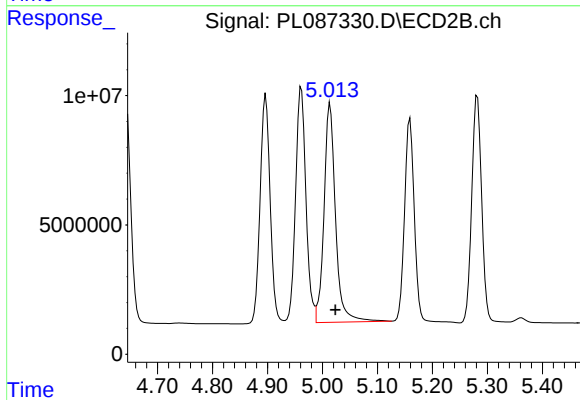
#9 Endosulfan I

R.T.: 5.963 min  
Delta R.T.: -0.010 min  
Response: 237080452  
Conc: 53.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

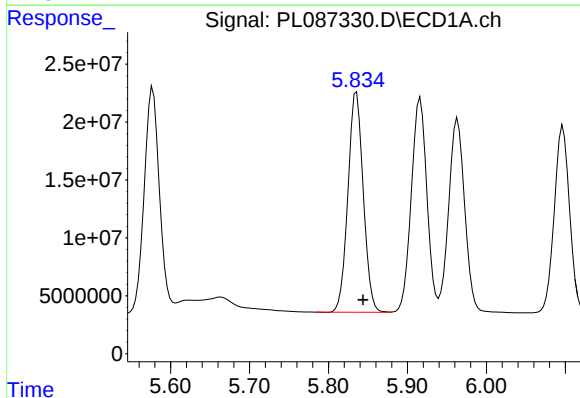
Manual Integrations  
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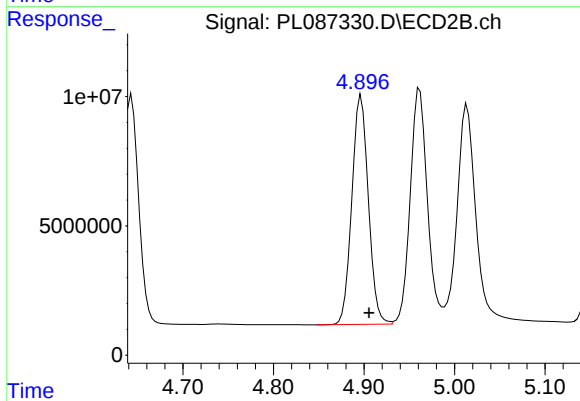
#9 Endosulfan I

R.T.: 5.014 min  
Delta R.T.: -0.010 min  
Response: 123189217  
Conc: 57.00 ng/ml



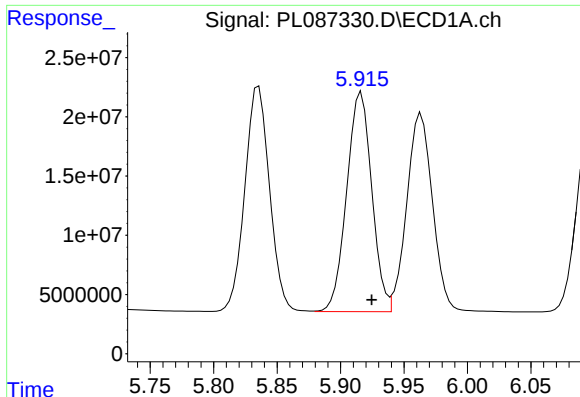
#10 gamma-Chlordane

R.T.: 5.835 min  
Delta R.T.: -0.008 min  
Response: 257114028  
Conc: 53.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min  
Delta R.T.: -0.009 min  
Response: 112396073  
Conc: 49.14 ng/ml



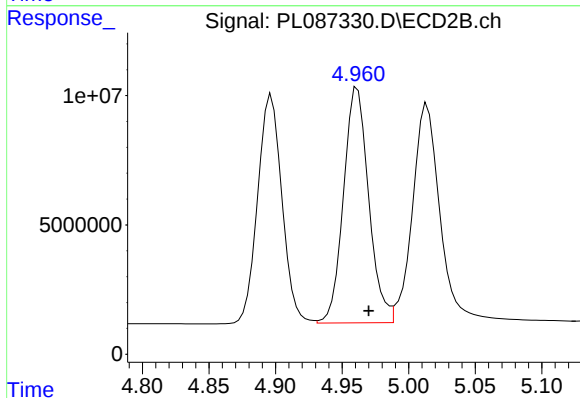
#11 alpha-Chlordane

R.T.: 5.916 min  
Delta R.T.: -0.008 min  
Response: 254245973  
Conc: 52.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

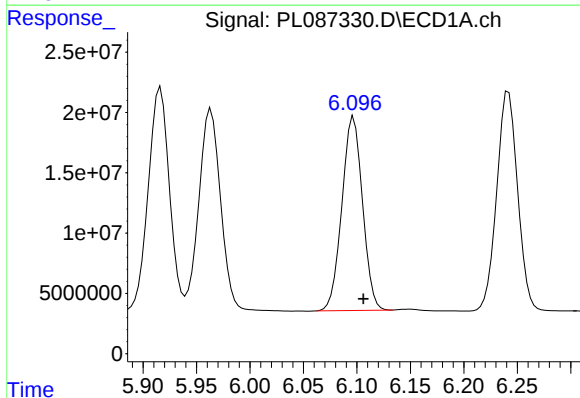
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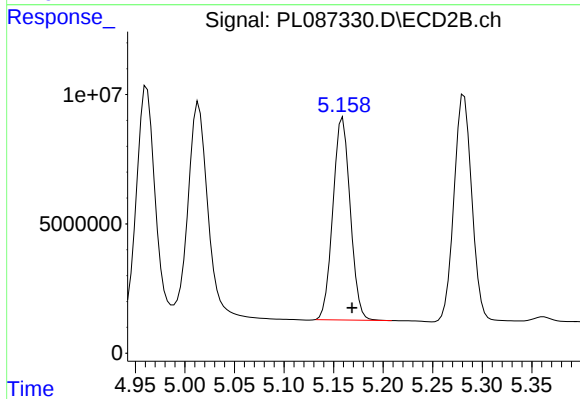
#11 alpha-Chlordane

R.T.: 4.961 min  
Delta R.T.: -0.009 min  
Response: 119938430  
Conc: 51.97 ng/ml



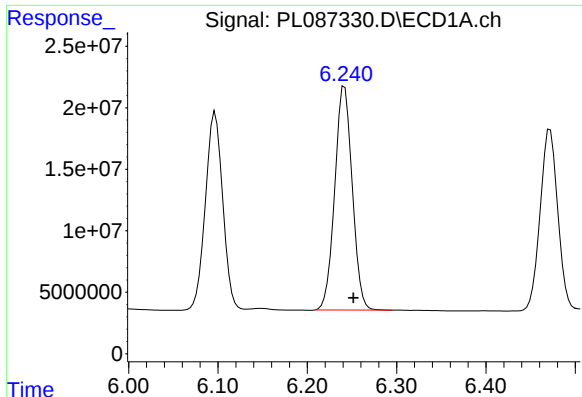
#12 4,4'-DDE

R.T.: 6.097 min  
Delta R.T.: -0.009 min  
Response: 215679037  
Conc: 52.05 ng/ml



#12 4,4'-DDE

R.T.: 5.159 min  
Delta R.T.: -0.009 min  
Response: 95165362  
Conc: 47.93 ng/ml



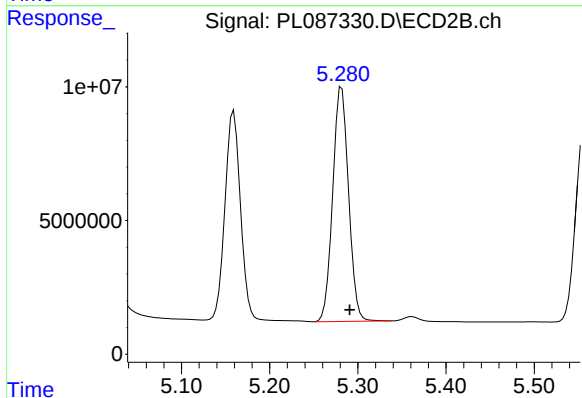
#13 Dieldrin

R.T.: 6.242 min  
Delta R.T.: -0.010 min  
Response: 247227498  
Conc: 53.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

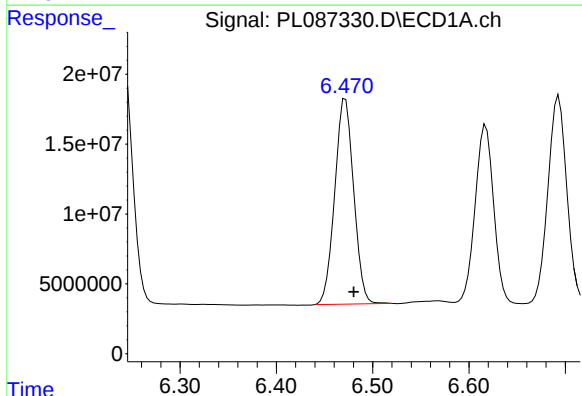
Manual Integrations  
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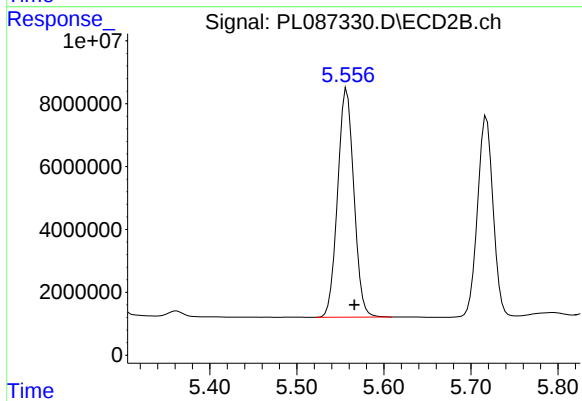
#13 Dieldrin

R.T.: 5.282 min  
Delta R.T.: -0.009 min  
Response: 109686933  
Conc: 49.24 ng/ml



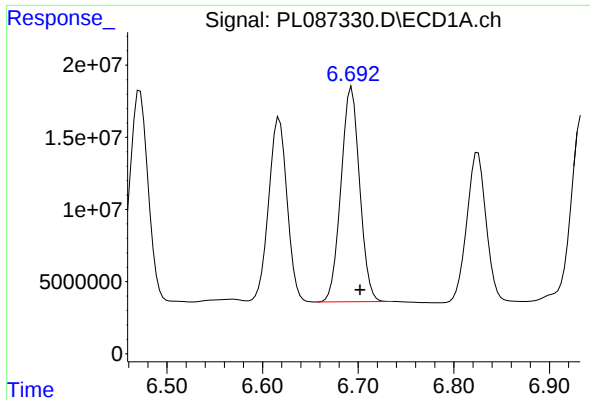
#14 Endrin

R.T.: 6.472 min  
Delta R.T.: -0.009 min  
Response: 200920212  
Conc: 52.22 ng/ml



#14 Endrin

R.T.: 5.558 min  
Delta R.T.: -0.009 min  
Response: 94435963  
Conc: 47.32 ng/ml



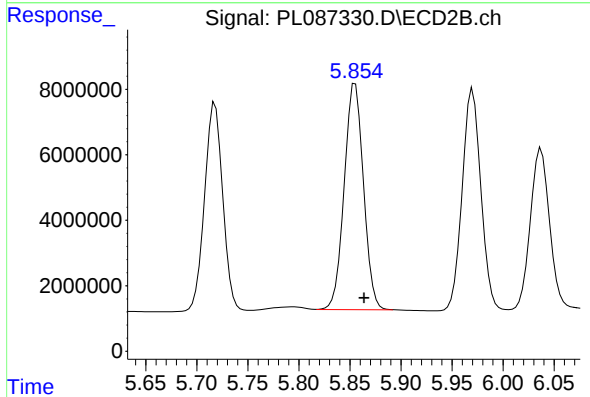
#15 Endosulfan II

R.T.: 6.693 min  
Delta R.T.: -0.009 min  
Response: 201893528  
Conc: 50.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

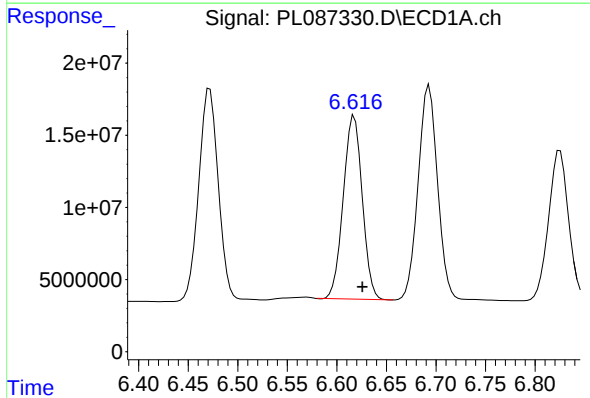
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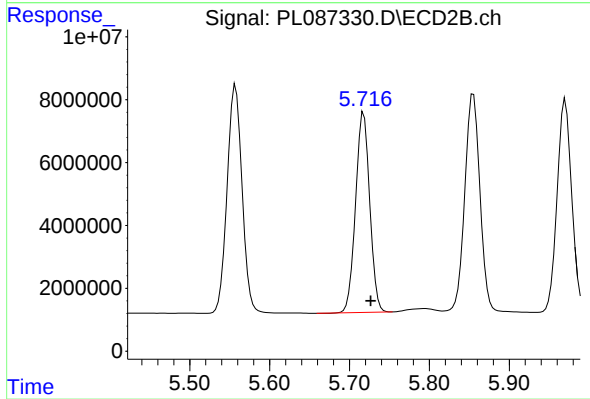
#15 Endosulfan II

R.T.: 5.854 min  
Delta R.T.: -0.010 min  
Response: 90757398  
Conc: 46.61 ng/ml m



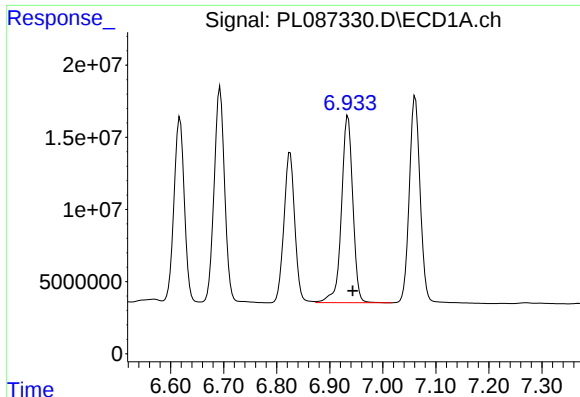
#16 4,4'-DDD

R.T.: 6.617 min  
Delta R.T.: -0.008 min  
Response: 169586570  
Conc: 51.31 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min  
Delta R.T.: -0.009 min  
Response: 78496094  
Conc: 47.41 ng/ml



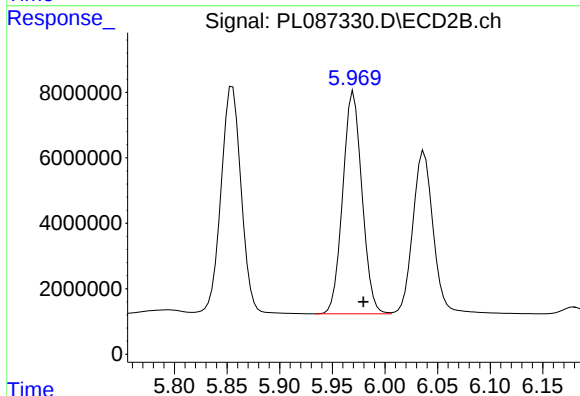
#17 4,4'-DDT

R.T.: 6.934 min  
Delta R.T.: -0.009 min  
Response: 192733910  
Conc: 51.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

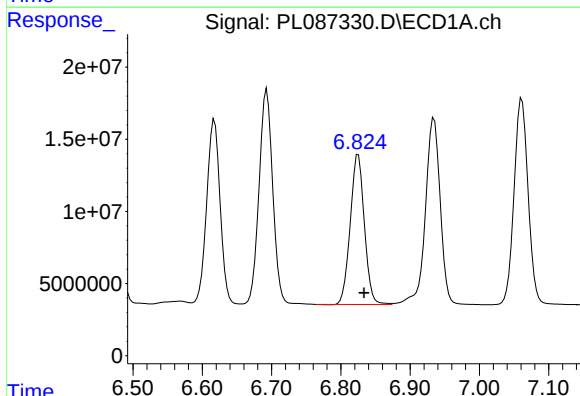
Manual Integrations  
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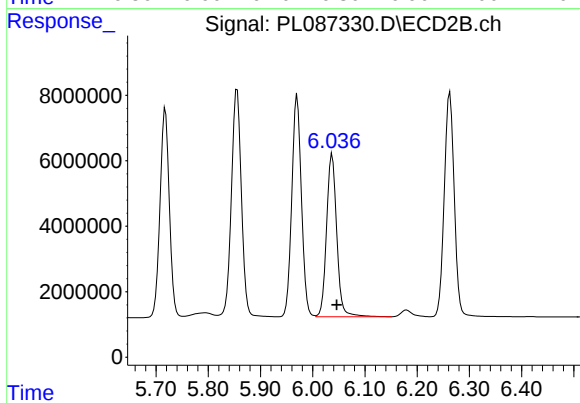
#17 4,4'-DDT

R.T.: 5.970 min  
Delta R.T.: -0.009 min  
Response: 86701544  
Conc: 47.01 ng/ml



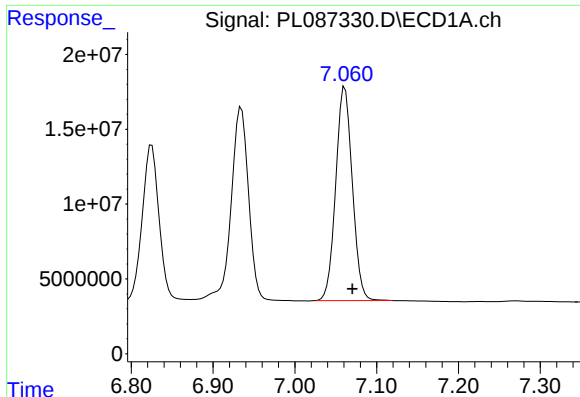
#18 Endrin aldehyde

R.T.: 6.825 min  
Delta R.T.: -0.008 min  
Response: 147439821  
Conc: 50.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.037 min  
Delta R.T.: -0.009 min  
Response: 67248005  
Conc: 45.82 ng/ml



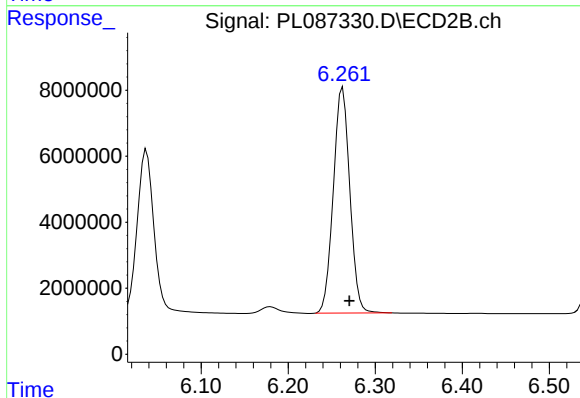
#19 Endosulfan Sulfate

R.T.: 7.061 min  
Delta R.T.: -0.009 min  
Response: 201087759  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

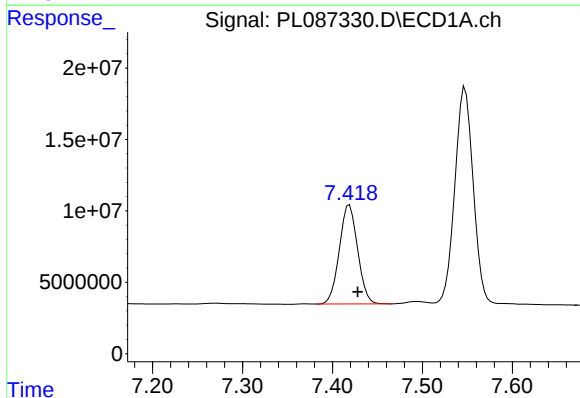
Manual Integrations  
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Reviewed By :Abdul Mirza 12/22/2023  
Supervised By :Ankita Jodhani 12/22/2023



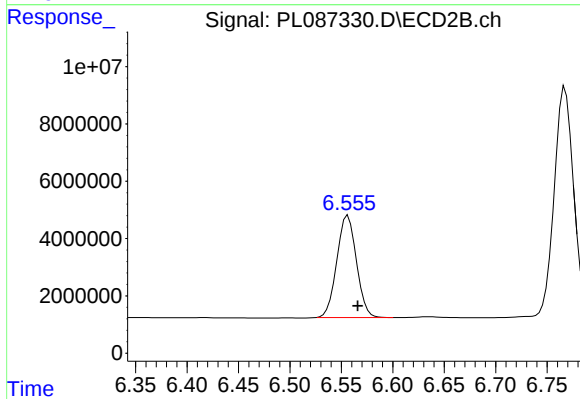
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: -0.008 min  
Response: 90207468  
Conc: 47.89 ng/ml



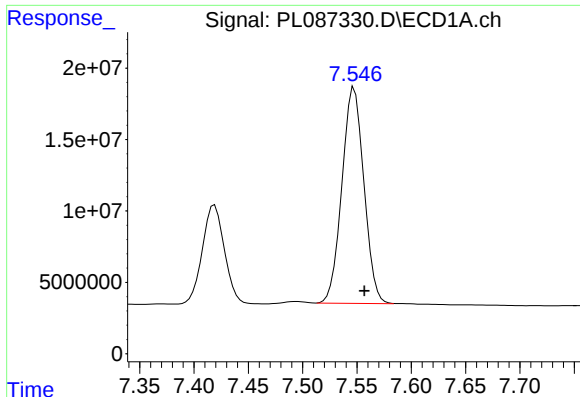
#20 Methoxychlor

R.T.: 7.419 min  
Delta R.T.: -0.009 min  
Response: 97968672  
Conc: 50.24 ng/ml



#20 Methoxychlor

R.T.: 6.556 min  
Delta R.T.: -0.010 min  
Response: 47231139  
Conc: 46.24 ng/ml



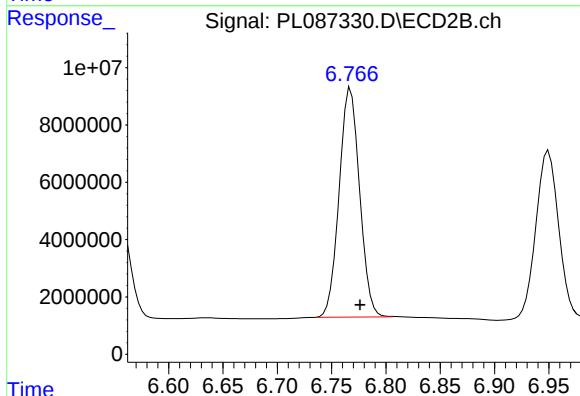
#21 Endrin ketone

R.T.: 7.546 min  
Delta R.T.: -0.011 min  
Response: 212983693  
Conc: 52.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

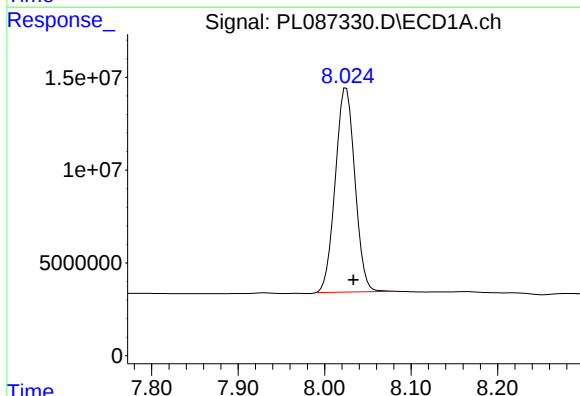
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/22/2023  
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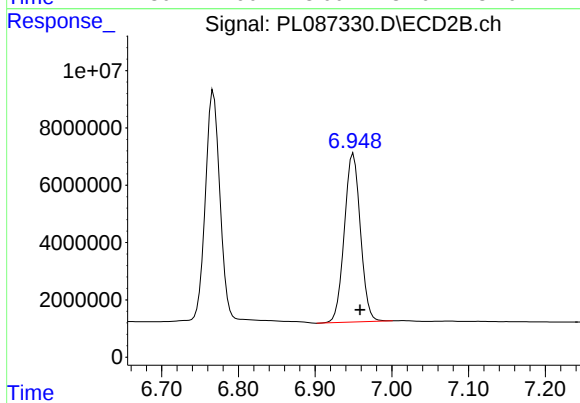
#21 Endrin ketone

R.T.: 6.766 min  
Delta R.T.: -0.010 min  
Response: 104773646  
Conc: 49.22 ng/ml m



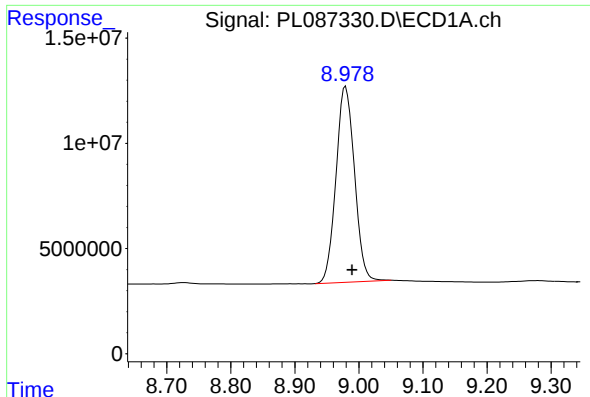
#22 Mirex

R.T.: 8.025 min  
Delta R.T.: -0.008 min  
Response: 172322209  
Conc: 51.16 ng/ml



#22 Mirex

R.T.: 6.950 min  
Delta R.T.: -0.009 min  
Response: 86081122  
Conc: 48.38 ng/ml



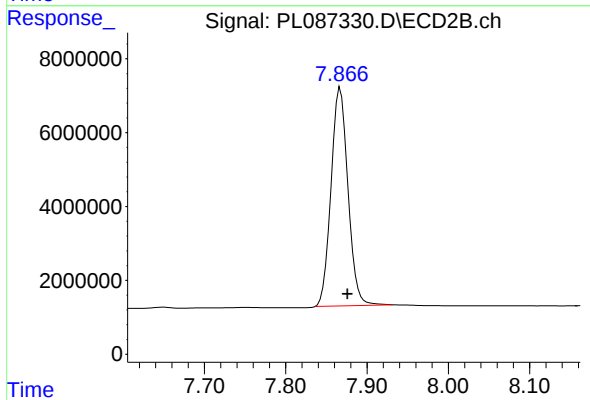
#28 Decachlorobiphenyl

R.T.: 8.979 min  
Delta R.T.: -0.010 min  
Response: 186978390  
Conc: 54.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 12/22/2023



#28 Decachlorobiphenyl

R.T.: 7.867 min  
Delta R.T.: -0.008 min  
Response: 85675943  
Conc: 50.73 ng/ml