

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
 Data File : PL087317.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2023 13:05  
 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 00:25:53 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 | 2.678 | 207.7E6  | 86206615 | 55.177  | 51.213  |
| 28)                         | SA Decachlor... | 8.981 | 7.868 | 182.7E6  | 81447034 | 53.577  | 48.223  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.879 | 3.181 | 307.9E6  | 129.4E6  | 56.871  | 52.668m |
| 3)                          | MA gamma-BHC... | 4.213 | 3.513 | 292.1E6  | 123.7E6  | 55.570  | 51.073  |
| 4)                          | MA Heptachlor   | 4.804 | 3.856 | 291.8E6  | 121.8E6  | 54.775m | 50.941  |
| 5)                          | MB Aldrin       | 5.148 | 4.136 | 278.1E6  | 117.6E6  | 53.421  | 49.049  |
| 6)                          | B beta-BHC      | 4.412 | 3.814 | 120.1E6  | 50258723 | 52.281  | 48.280  |
| 7)                          | B delta-BHC     | 4.657 | 4.044 | 280.6E6  | 121.0E6  | 53.664m | 49.453  |
| 8)                          | B Heptachlo...  | 5.579 | 4.644 | 238.5E6  | 106.4E6  | 50.617  | 47.813  |
| 9)                          | A Endosulfan I  | 5.965 | 5.015 | 228.4E6  | 122.0E6  | 51.135  | 56.434  |
| 10)                         | B gamma-Chl...  | 5.837 | 4.897 | 247.5E6  | 106.7E6  | 51.054  | 46.663  |
| 11)                         | B alpha-Chl...  | 5.917 | 4.962 | 245.2E6  | 116.0E6  | 51.021  | 50.242  |
| 12)                         | B 4,4'-DDE      | 6.098 | 5.160 | 207.8E6  | 90520459 | 50.142  | 45.590  |
| 13)                         | MA Dieldrin     | 6.243 | 5.282 | 238.6E6  | 104.5E6  | 51.407  | 46.893  |
| 14)                         | MA Endrin       | 6.473 | 5.558 | 197.5E6  | 90821968 | 51.332  | 45.510  |
| 15)                         | B Endosulfa...  | 6.695 | 5.854 | 194.5E6  | 86509175 | 48.499  | 44.432m |
| 16)                         | A 4,4'-DDD      | 6.618 | 5.718 | 161.5E6  | 74609582 | 48.873  | 45.061  |
| 17)                         | MA 4,4'-DDT     | 6.936 | 5.971 | 189.0E6  | 83560553 | 50.251  | 45.307  |
| 18)                         | B Endrin al...  | 6.826 | 6.038 | 145.9E6  | 65708351 | 50.338  | 44.772  |
| 19)                         | B Endosulfa...  | 7.063 | 6.263 | 194.1E6  | 85842894 | 49.417  | 45.569  |
| 20)                         | A Methoxychlor  | 7.421 | 6.557 | 96714292 | 46123943 | 49.599  | 45.158  |
| 21)                         | B Endrin ke...  | 7.548 | 6.767 | 205.6E6  | 99398749 | 50.543m | 46.695m |
| 22)                         | Mirex           | 8.026 | 6.951 | 167.4E6  | 81904474 | 49.712  | 46.036  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
 Data File : PL087317.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2023 13:05  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

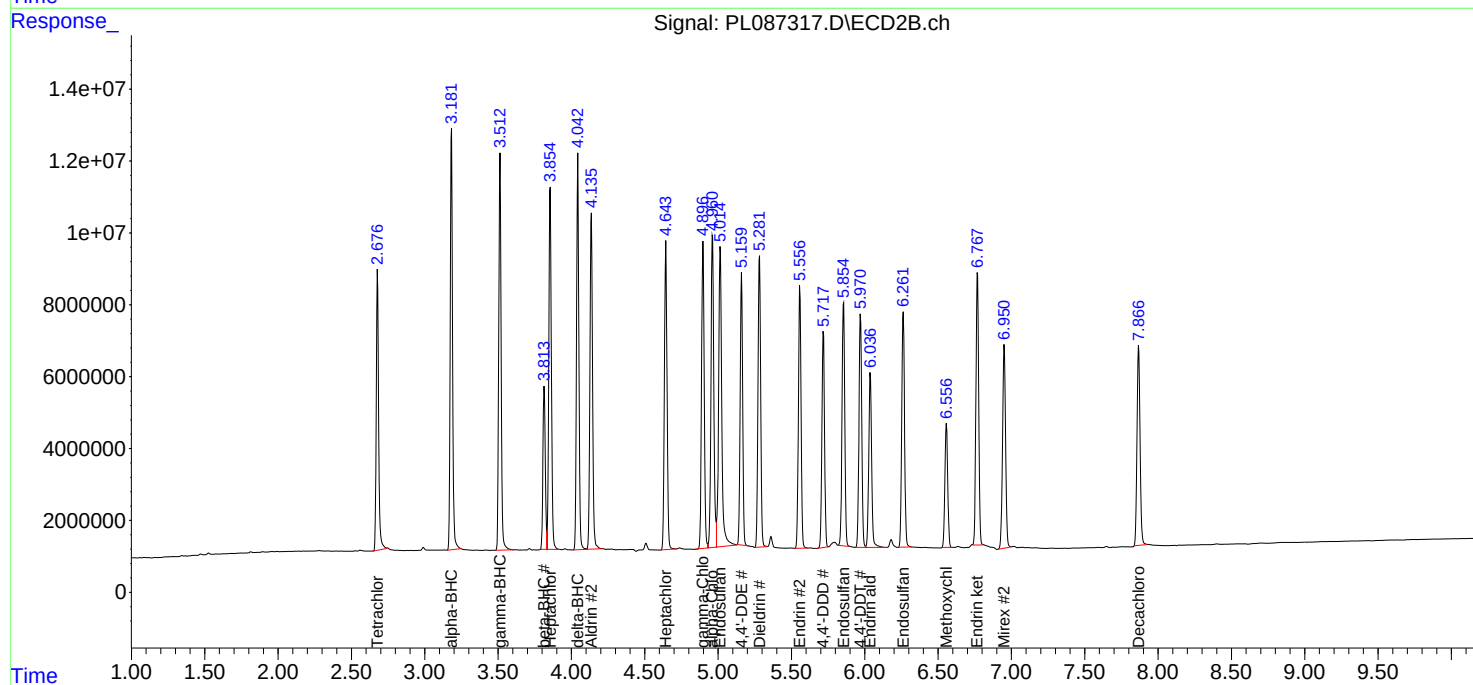
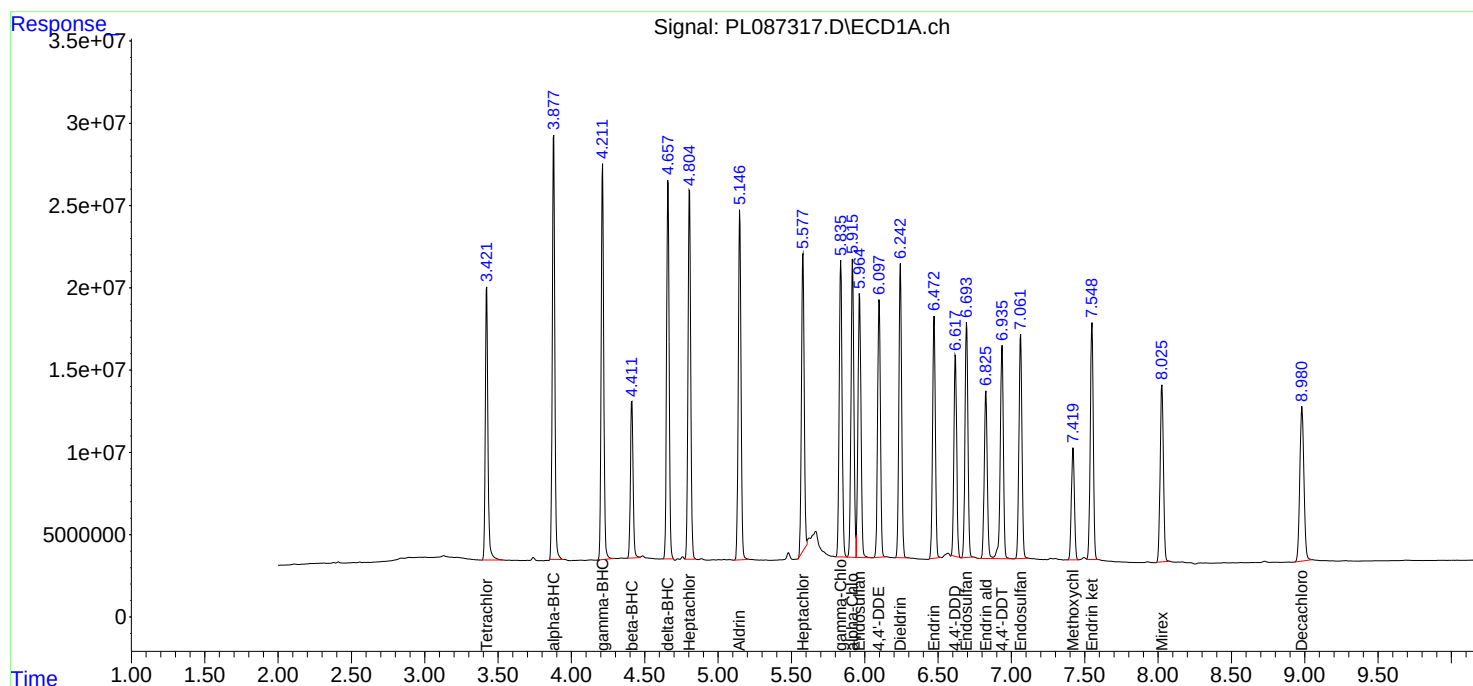
## Manual Integrations

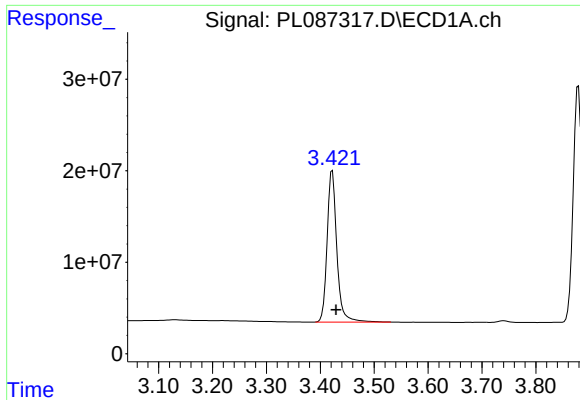
## APPROVED

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 Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 22 00:25:53 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





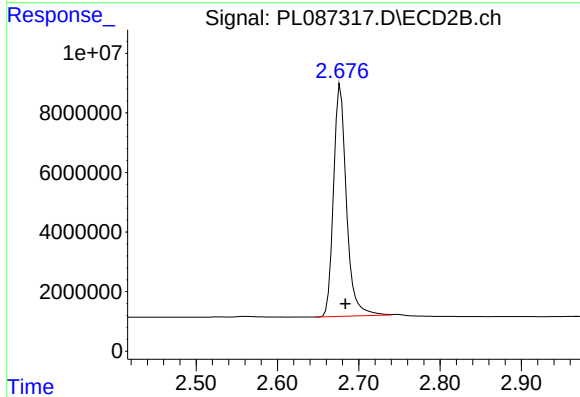
#1 Tetrachloro-m-xylene

R.T.: 3.422 min  
Delta R.T.: -0.007 min  
Response: 207653965  
Conc: 55.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

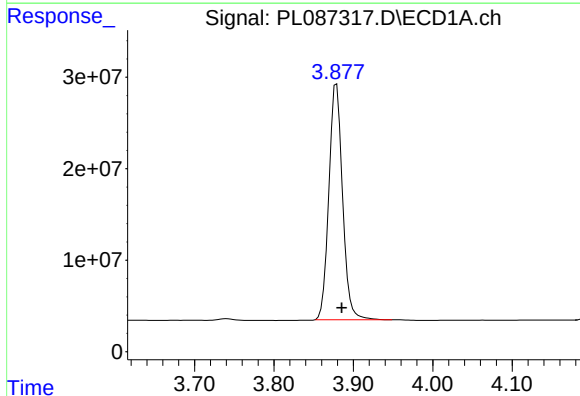
Manual Integrations  
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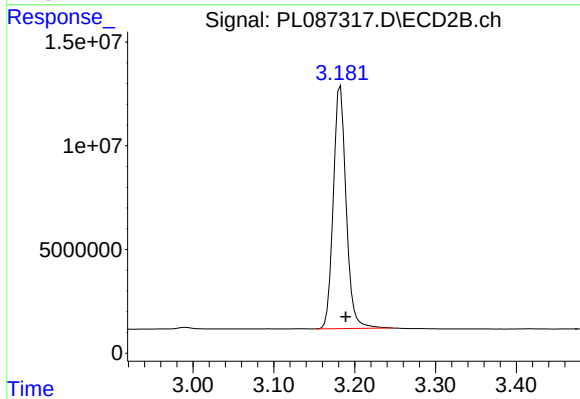
#1 Tetrachloro-m-xylene

R.T.: 2.678 min  
Delta R.T.: -0.006 min  
Response: 86206615  
Conc: 51.21 ng/ml



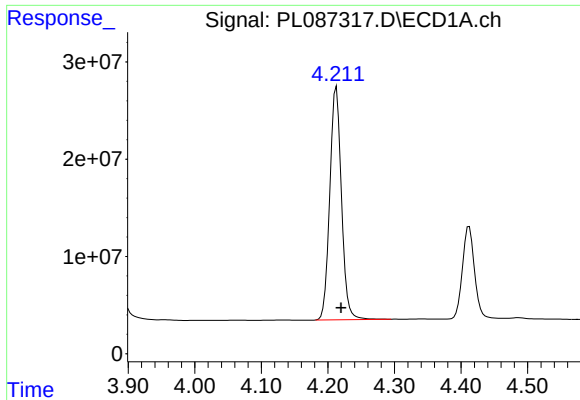
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: -0.007 min  
Response: 307909605  
Conc: 56.87 ng/ml



#2 alpha-BHC

R.T.: 3.181 min  
Delta R.T.: -0.008 min  
Response: 129437758  
Conc: 52.67 ng/ml m



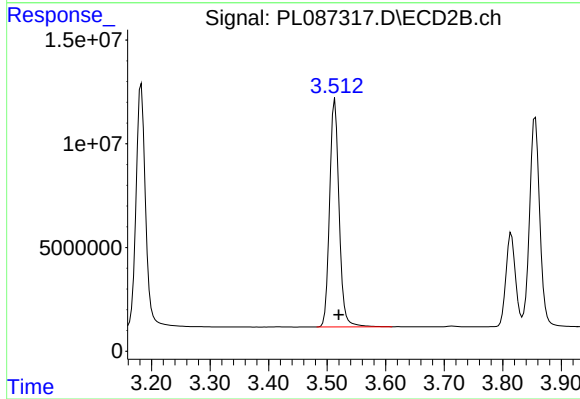
#3 gamma-BHC (Lindane)

R.T.: 4.213 min  
Delta R.T.: -0.007 min  
Response: 292056851  
Conc: 55.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

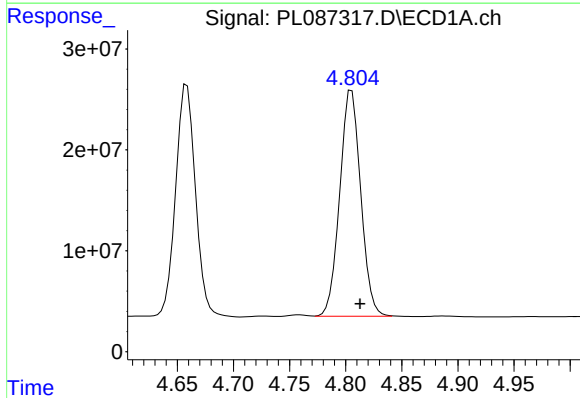
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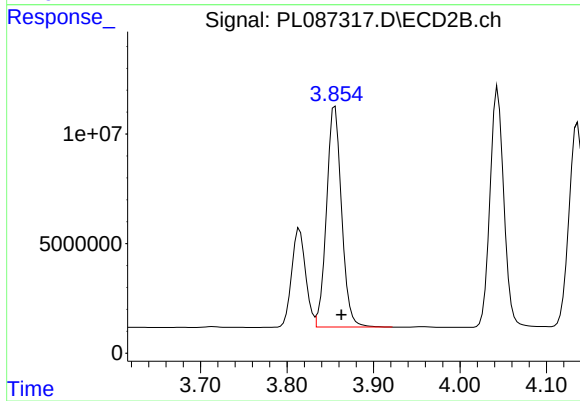
#3 gamma-BHC (Lindane)

R.T.: 3.513 min  
Delta R.T.: -0.007 min  
Response: 123720030  
Conc: 51.07 ng/ml



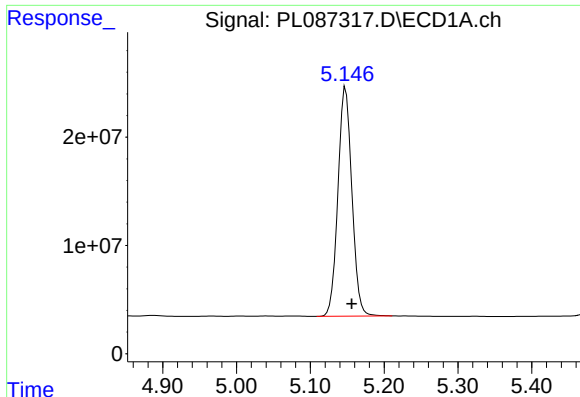
#4 Heptachlor

R.T.: 4.804 min  
Delta R.T.: -0.009 min  
Response: 291762084  
Conc: 54.77 ng/ml m



#4 Heptachlor

R.T.: 3.856 min  
Delta R.T.: -0.007 min  
Response: 121763679  
Conc: 50.94 ng/ml



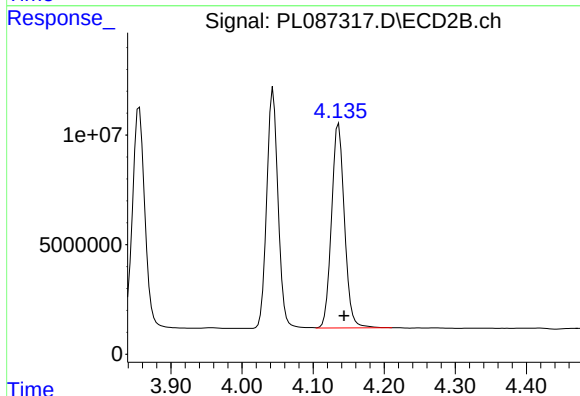
#5 Aldrin

R.T.: 5.148 min  
Delta R.T.: -0.008 min  
Response: 278133288  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

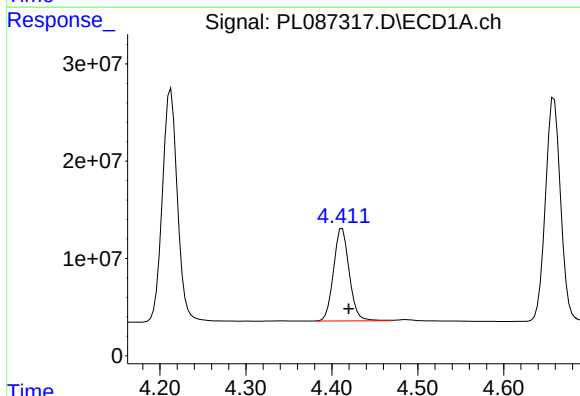
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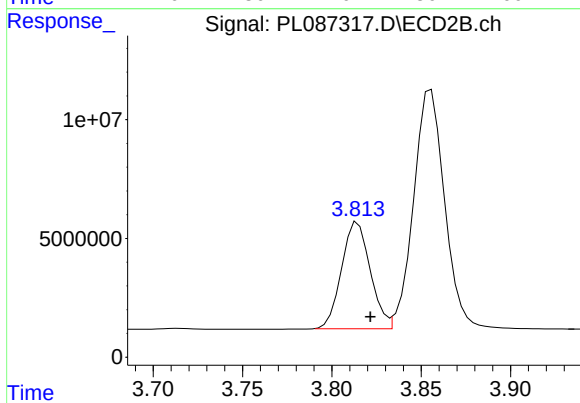
#5 Aldrin

R.T.: 4.136 min  
Delta R.T.: -0.008 min  
Response: 117608528  
Conc: 49.05 ng/ml



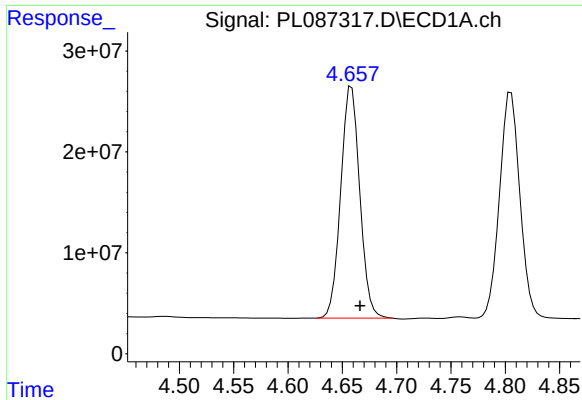
#6 beta-BHC

R.T.: 4.412 min  
Delta R.T.: -0.007 min  
Response: 120079356  
Conc: 52.28 ng/ml



#6 beta-BHC

R.T.: 3.814 min  
Delta R.T.: -0.007 min  
Response: 50258723  
Conc: 48.28 ng/ml



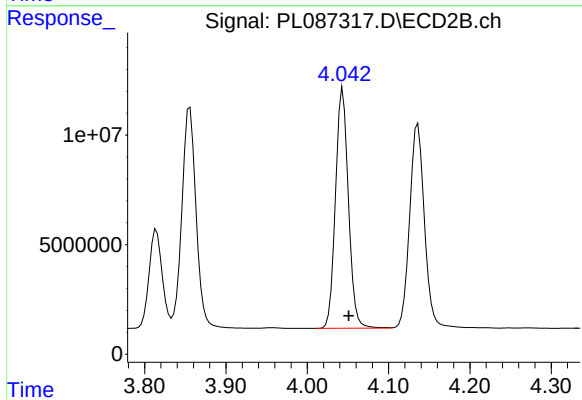
#7 delta-BHC

R.T.: 4.657 min  
Delta R.T.: -0.009 min  
Response: 280629839  
Conc: 53.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

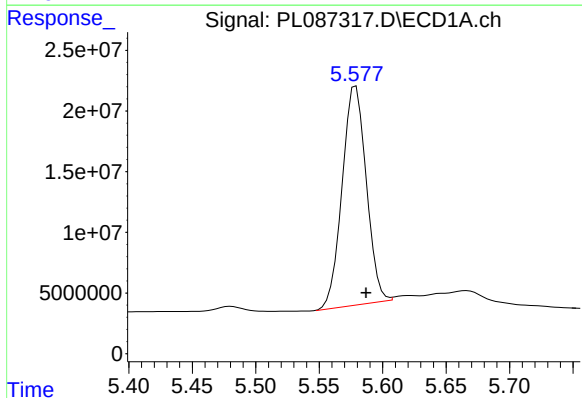
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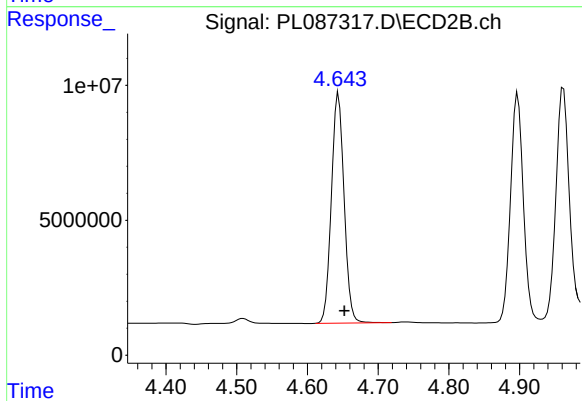
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: -0.007 min  
Response: 120971395  
Conc: 49.45 ng/ml



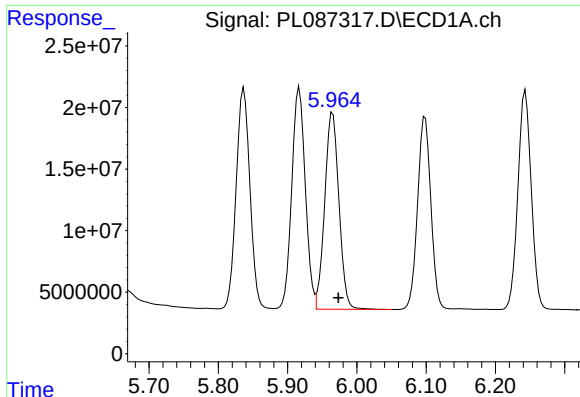
#8 Heptachlor epoxide

R.T.: 5.579 min  
Delta R.T.: -0.008 min  
Response: 238548951  
Conc: 50.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min  
Delta R.T.: -0.008 min  
Response: 106397833  
Conc: 47.81 ng/ml



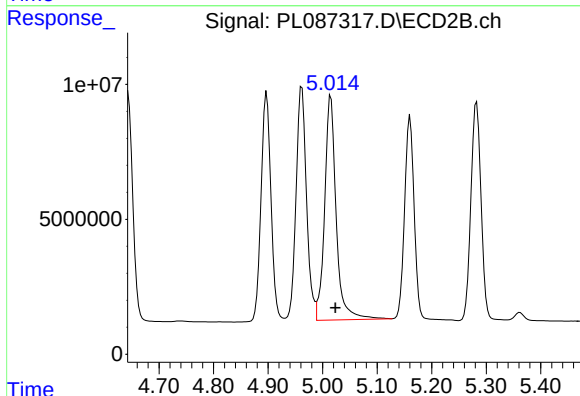
#9 Endosulfan I

R.T.: 5.965 min  
Delta R.T.: -0.008 min  
Response: 228386371  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

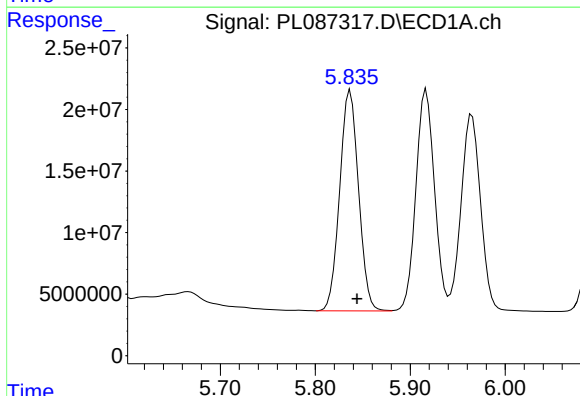
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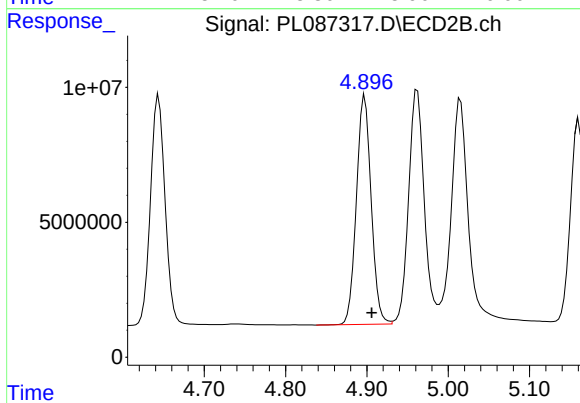
#9 Endosulfan I

R.T.: 5.015 min  
Delta R.T.: -0.008 min  
Response: 121964353  
Conc: 56.43 ng/ml



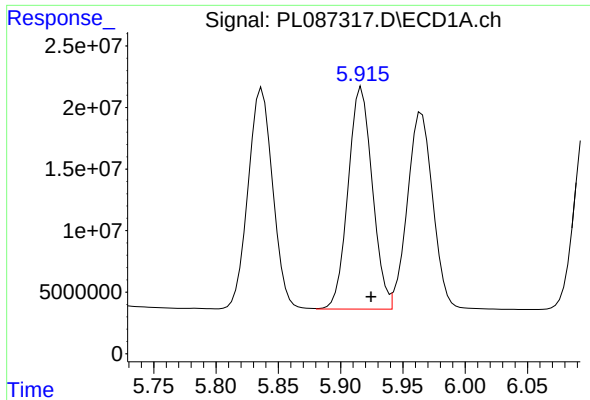
#10 gamma-Chlordane

R.T.: 5.837 min  
Delta R.T.: -0.007 min  
Response: 247512211  
Conc: 51.05 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min  
Delta R.T.: -0.008 min  
Response: 106733281  
Conc: 46.66 ng/ml



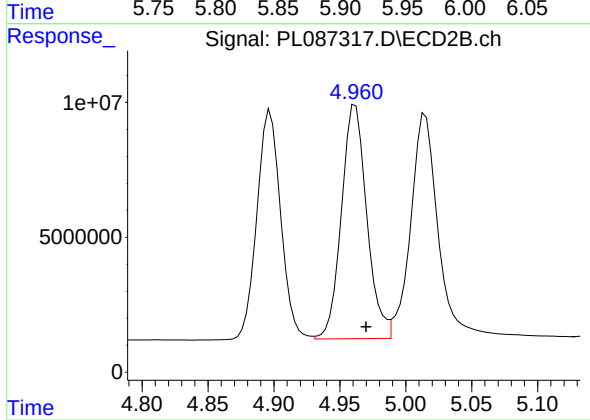
#11 alpha-Chlordane

R.T.: 5.917 min  
Delta R.T.: -0.008 min  
Response: 245213882  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

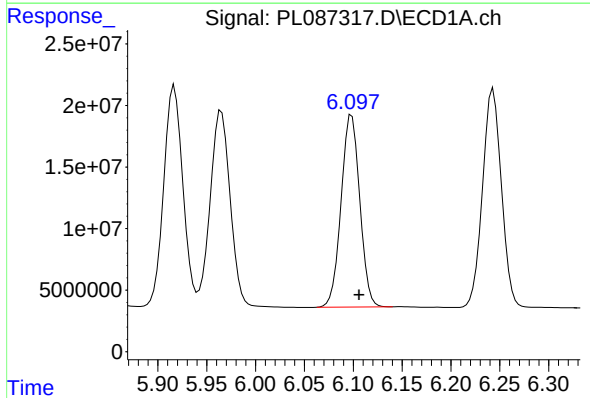
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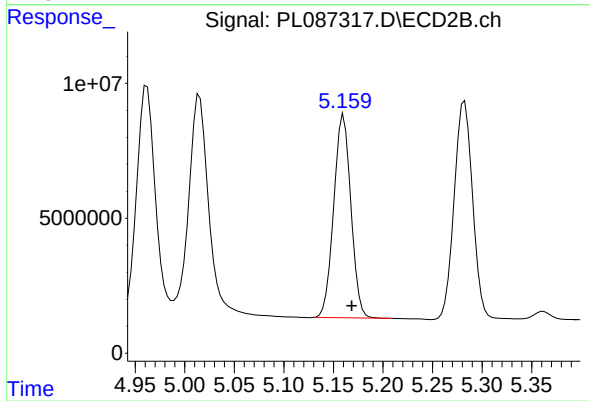
#11 alpha-Chlordane

R.T.: 4.962 min  
Delta R.T.: -0.008 min  
Response: 115958525  
Conc: 50.24 ng/ml



#12 4,4'-DDE

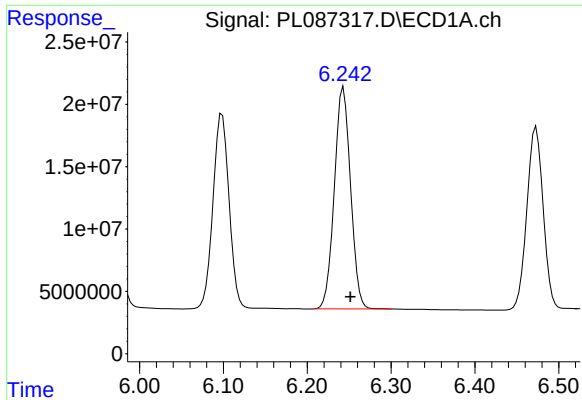
R.T.: 6.098 min  
Delta R.T.: -0.008 min  
Response: 207789023  
Conc: 50.14 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min  
Delta R.T.: -0.008 min  
Response: 90520459  
Conc: 45.59 ng/ml





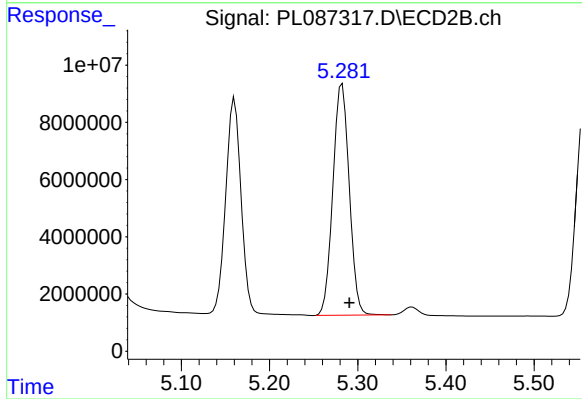
#13 Dieldrin

R.T.: 6.243 min  
Delta R.T.: -0.008 min  
Response: 238574452  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

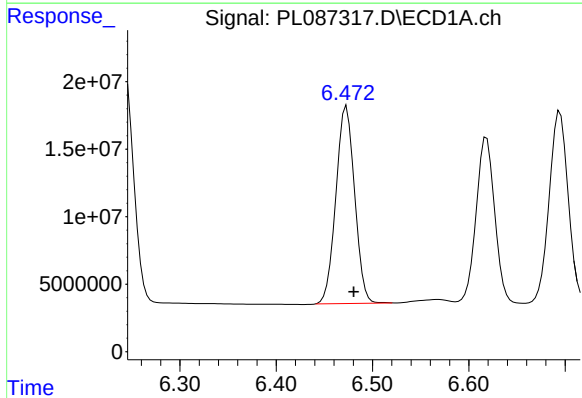
Manual Integrations  
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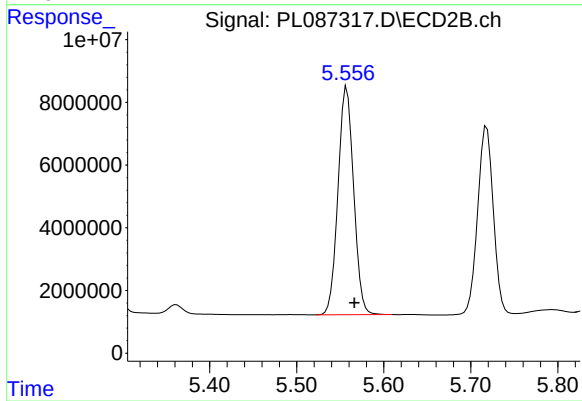
#13 Dieldrin

R.T.: 5.282 min  
Delta R.T.: -0.008 min  
Response: 104466117  
Conc: 46.89 ng/ml



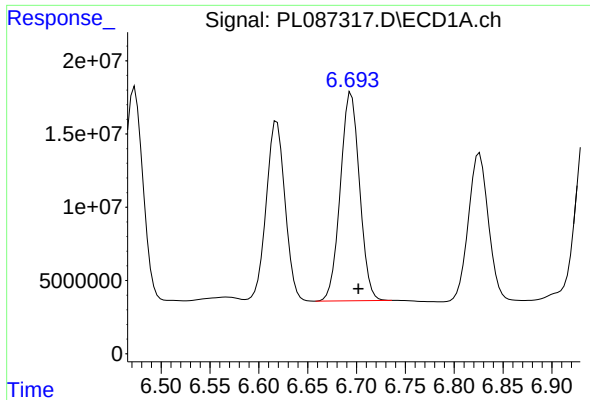
#14 Endrin

R.T.: 6.473 min  
Delta R.T.: -0.007 min  
Response: 197492285  
Conc: 51.33 ng/ml



#14 Endrin

R.T.: 5.558 min  
Delta R.T.: -0.009 min  
Response: 90821968  
Conc: 45.51 ng/ml



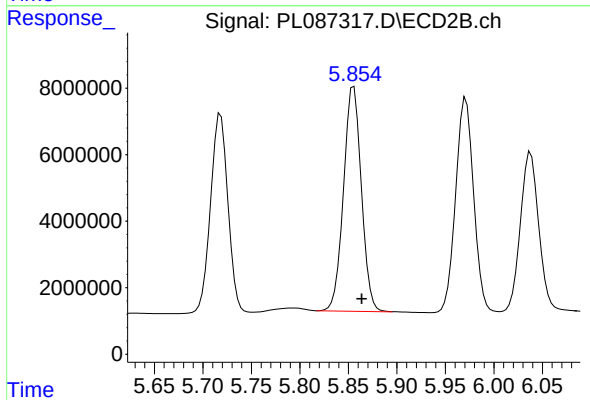
#15 Endosulfan II

R.T.: 6.695 min  
Delta R.T.: -0.007 min  
Response: 194500864  
Conc: 48.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

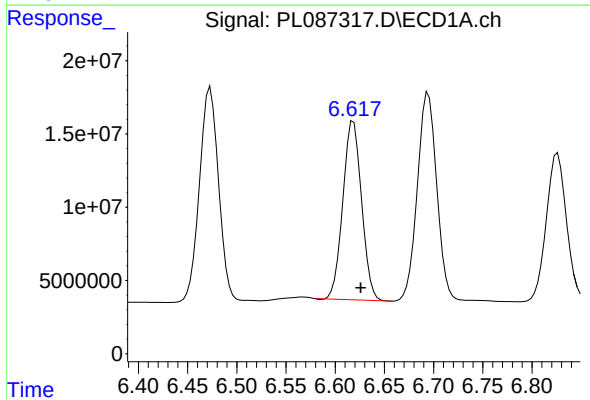
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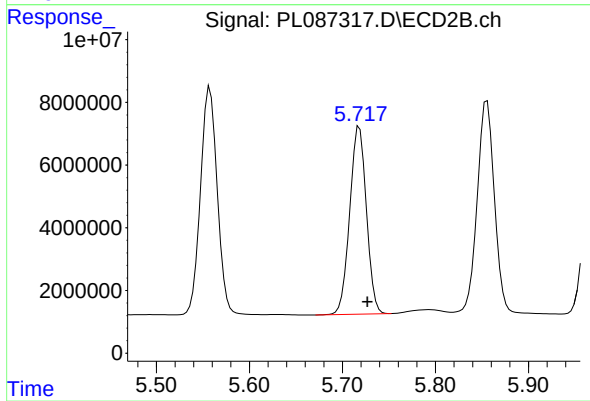
#15 Endosulfan II

R.T.: 5.854 min  
Delta R.T.: -0.010 min  
Response: 86509175  
Conc: 44.43 ng/ml m



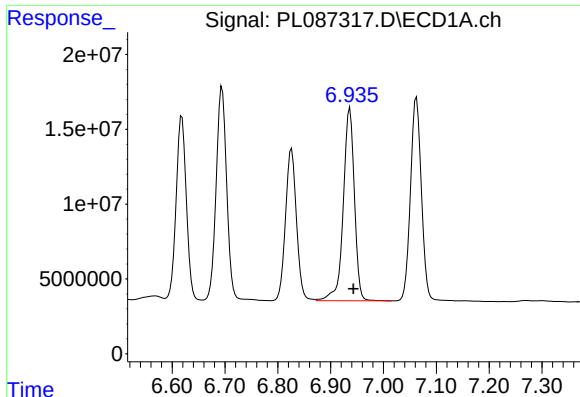
#16 4,4'-DDD

R.T.: 6.618 min  
Delta R.T.: -0.007 min  
Response: 161531728  
Conc: 48.87 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min  
Delta R.T.: -0.008 min  
Response: 74609582  
Conc: 45.06 ng/ml



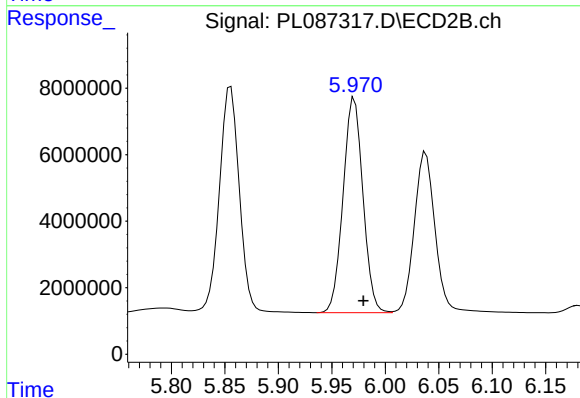
#17 4,4'-DDT

R.T.: 6.936 min  
Delta R.T.: -0.007 min  
Response: 188954136  
Conc: 50.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

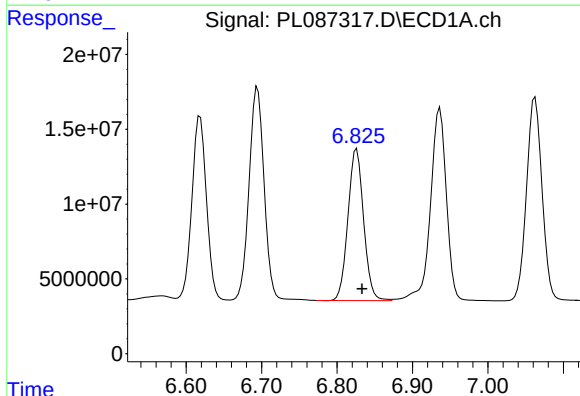
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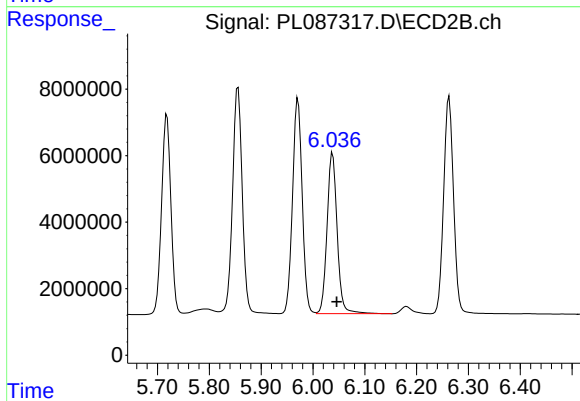
#17 4,4'-DDT

R.T.: 5.971 min  
Delta R.T.: -0.008 min  
Response: 83560553  
Conc: 45.31 ng/ml



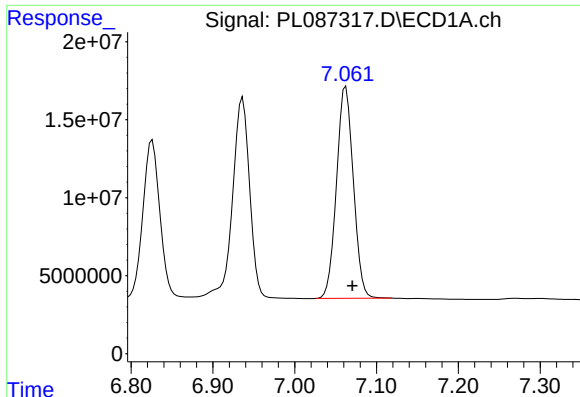
#18 Endrin aldehyde

R.T.: 6.826 min  
Delta R.T.: -0.007 min  
Response: 145898219  
Conc: 50.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.038 min  
Delta R.T.: -0.008 min  
Response: 65708351  
Conc: 44.77 ng/ml



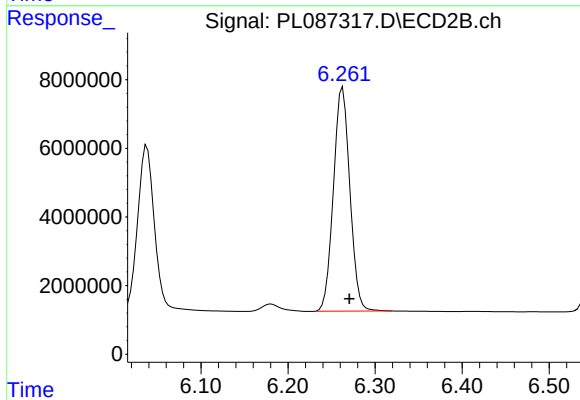
#19 Endosulfan Sulfate

R.T.: 7.063 min  
Delta R.T.: -0.008 min  
Response: 194052519  
Conc: 49.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

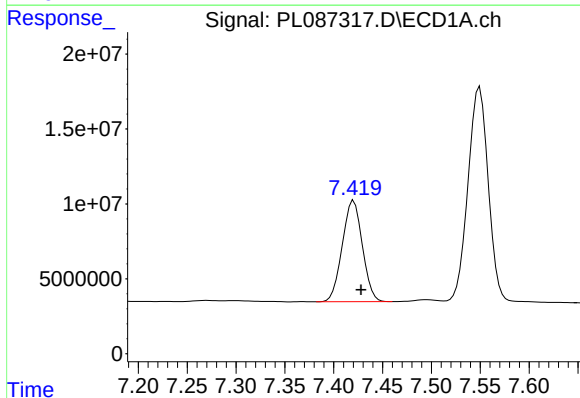
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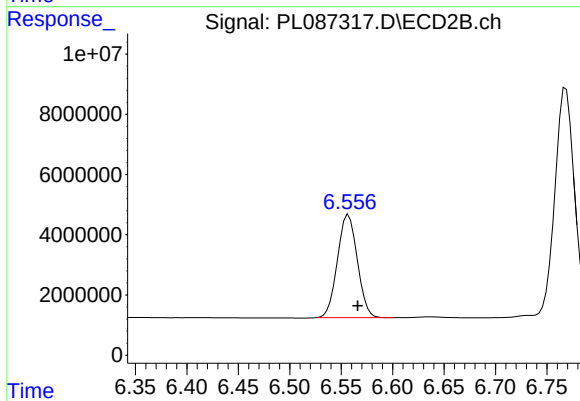
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: -0.008 min  
Response: 85842894  
Conc: 45.57 ng/ml



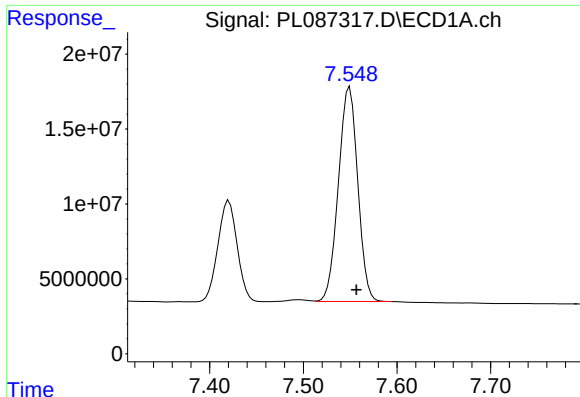
#20 Methoxychlor

R.T.: 7.421 min  
Delta R.T.: -0.008 min  
Response: 96714292  
Conc: 49.60 ng/ml



#20 Methoxychlor

R.T.: 6.557 min  
Delta R.T.: -0.009 min  
Response: 46123943  
Conc: 45.16 ng/ml



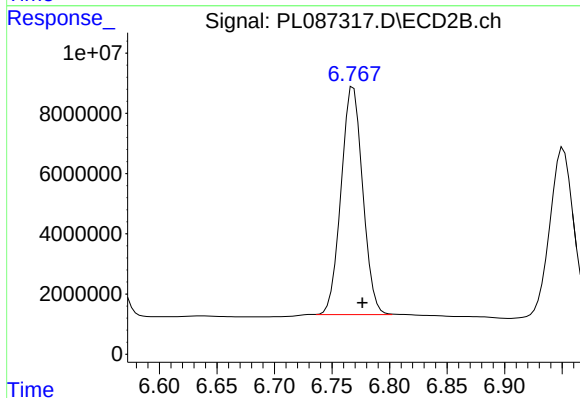
#21 Endrin ketone

R.T.: 7.548 min  
Delta R.T.: -0.009 min  
Response: 205622166  
Conc: 50.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

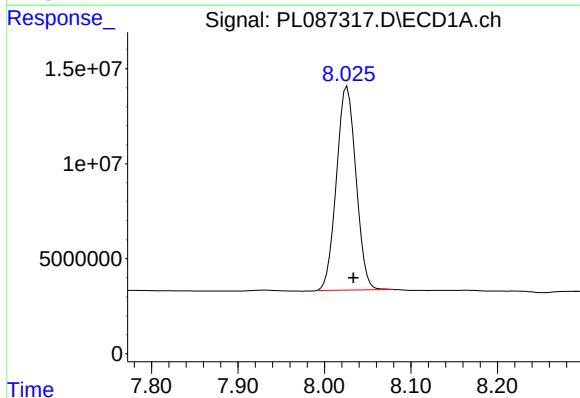
Manual Integrations  
APPROVED

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



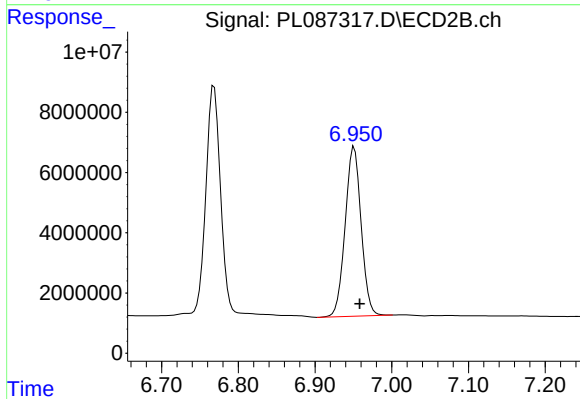
#21 Endrin ketone

R.T.: 6.767 min  
Delta R.T.: -0.009 min  
Response: 99398749  
Conc: 46.69 ng/ml m



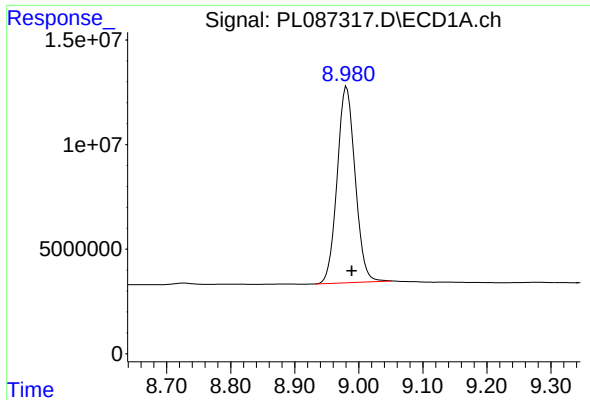
#22 Mirex

R.T.: 8.026 min  
Delta R.T.: -0.007 min  
Response: 167431039  
Conc: 49.71 ng/ml



#22 Mirex

R.T.: 6.951 min  
Delta R.T.: -0.007 min  
Response: 81904474  
Conc: 46.04 ng/ml



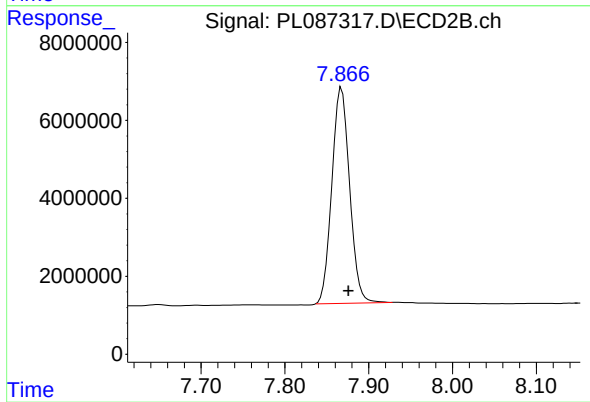
#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: -0.008 min  
Response: 182694442  
Conc: 53.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: -0.008 min  
Response: 81447034  
Conc: 48.22 ng/ml