

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122723\  
 Data File : PL087517.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2023 13:08  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/28/2023  
 Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 27 20:30:40 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... | 3.421 | 2.676 | 213.7E6  | 90676550 | 56.780  | 53.869  |
| 2)                          | SA Decachlor... | 8.980 | 7.864 | 199.3E6  | 93416265 | 58.445  | 55.310m |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.876 | 3.179 | 314.4E6  | 135.3E6  | 58.079m | 55.057m |
| 3)                          | MA gamma-BHC... | 4.211 | 3.511 | 298.0E6  | 130.0E6  | 56.698  | 53.656  |
| 4)                          | MA Heptachlor   | 4.802 | 3.853 | 287.8E6  | 121.4E6  | 54.029m | 50.804  |
| 5)                          | MB Aldrin       | 5.147 | 4.133 | 283.3E6  | 124.4E6  | 54.412  | 51.868  |
| 6)                          | B beta-BHC      | 4.410 | 3.812 | 124.3E6  | 52942953 | 54.138  | 50.858  |
| 7)                          | B delta-BHC     | 4.655 | 4.041 | 296.8E6  | 129.2E6  | 56.756m | 52.809  |
| 8)                          | B Heptachlo...  | 5.577 | 4.641 | 251.7E6  | 110.1E6  | 53.411  | 49.486  |
| 9)                          | A Endosulfan I  | 5.963 | 5.012 | 242.6E6  | 105.4E6  | 54.325  | 48.788  |
| 10)                         | B gamma-Chl...  | 5.834 | 4.894 | 262.3E6  | 115.1E6  | 54.104m | 50.302  |
| 11)                         | B alpha-Chl...  | 5.915 | 4.959 | 263.3E6  | 115.1E6  | 54.774  | 49.883  |
| 12)                         | B 4,4'-DDE      | 6.096 | 5.155 | 220.5E6  | 99404686 | 53.213  | 50.065m |
| 13)                         | MA Dieldrin     | 6.241 | 5.280 | 244.3E6  | 108.6E6  | 52.630  | 48.741  |
| 14)                         | MA Endrin       | 6.472 | 5.555 | 201.5E6  | 105.5E6  | 52.372  | 52.842  |
| 15)                         | B Endosulfa...  | 6.693 | 5.853 | 206.5E6  | 92059552 | 51.500  | 47.282  |
| 16)                         | A 4,4'-DDD      | 6.617 | 5.715 | 187.2E6  | 85452861 | 56.631  | 51.610  |
| 17)                         | MA 4,4'-DDT     | 6.934 | 5.968 | 189.0E6  | 87592484 | 50.266  | 47.493  |
| 18)                         | B Endrin al...  | 6.824 | 6.034 | 149.2E6  | 69989575 | 51.485  | 47.689  |
| 19)                         | B Endosulfa...  | 7.062 | 6.260 | 200.2E6  | 92159492 | 50.984  | 48.922  |
| 20)                         | A Methoxychlor  | 7.419 | 6.553 | 98493293 | 48307646 | 50.511  | 47.296m |
| 21)                         | B Endrin ke...  | 7.546 | 6.764 | 215.1E6  | 107.2E6  | 52.869m | 50.357m |
| 22)                         | Mirex           | 8.025 | 6.947 | 170.0E6  | 86494304 | 50.476  | 48.616  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122723\  
Data File : PL087517.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2023 13:08  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

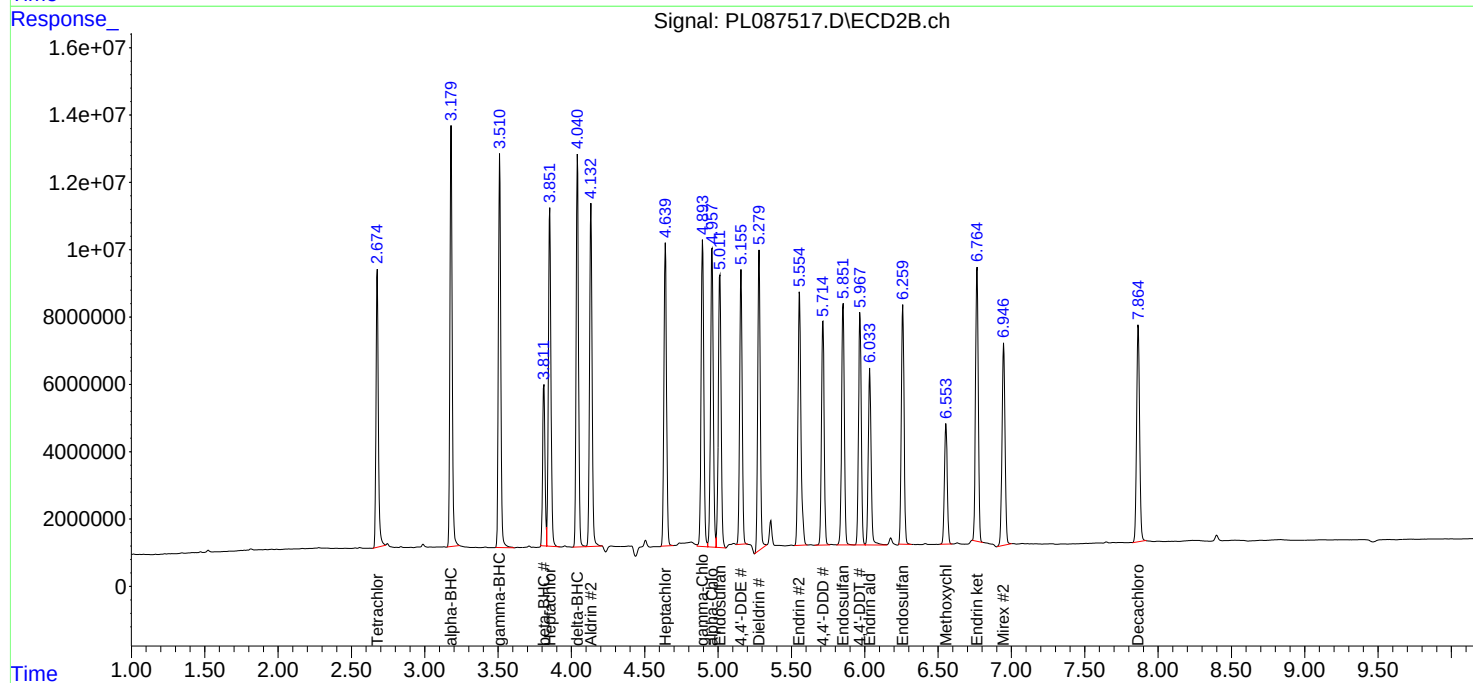
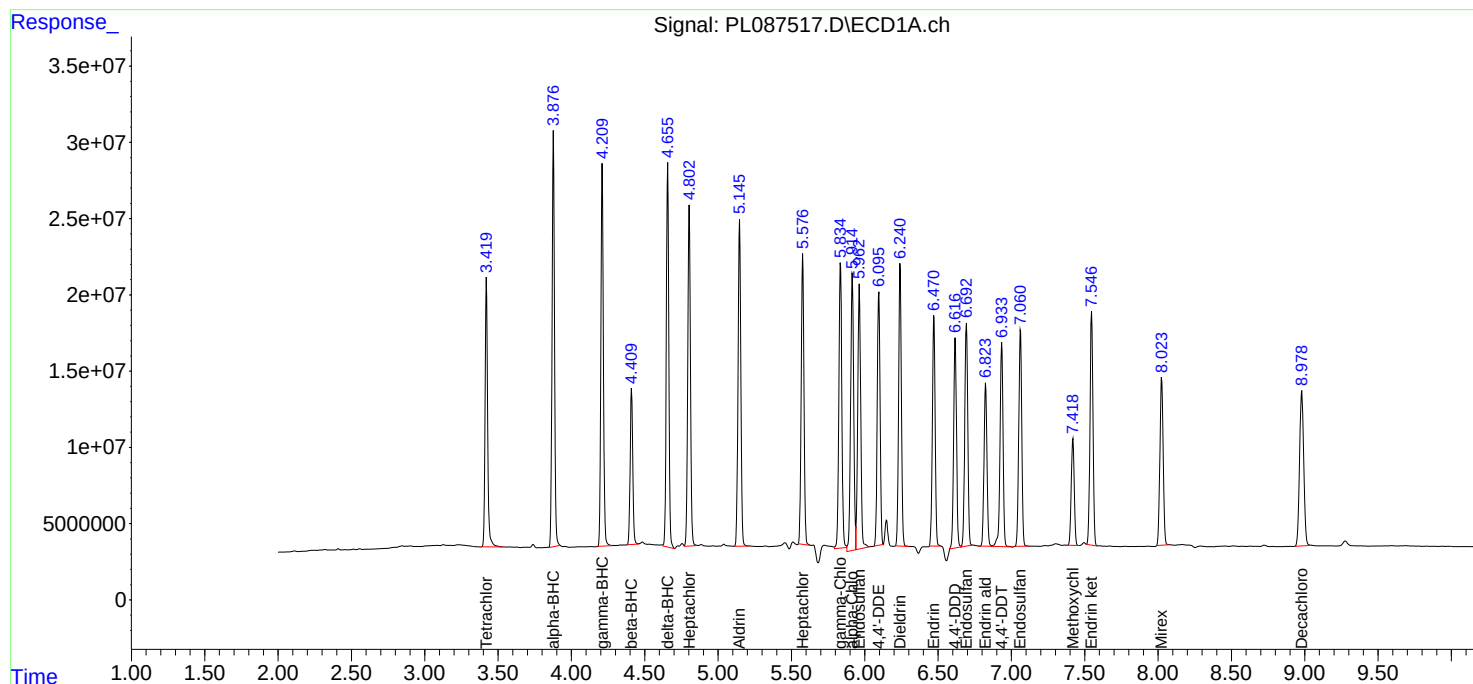
## APPROVED

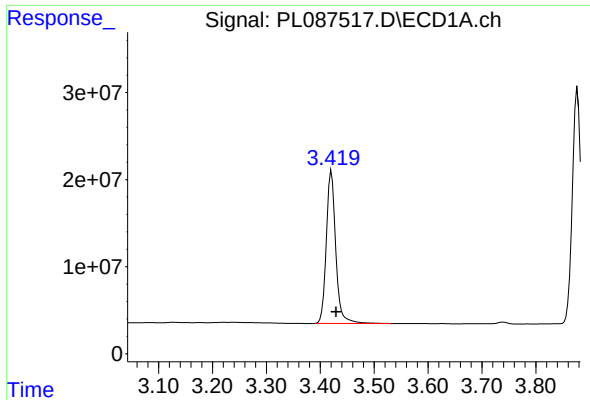
Reviewed By :Abdul Mirza 12/28/2023

Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 27 20:30:40 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





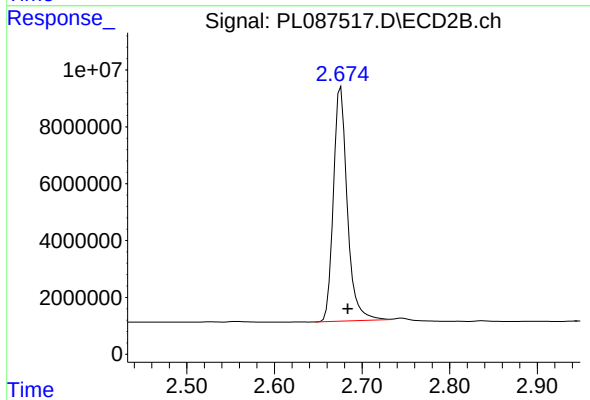
#1 Tetrachloro-m-xylene

R.T.: 3.421 min  
Delta R.T.: -0.008 min  
Response: 213686022  
Conc: 56.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

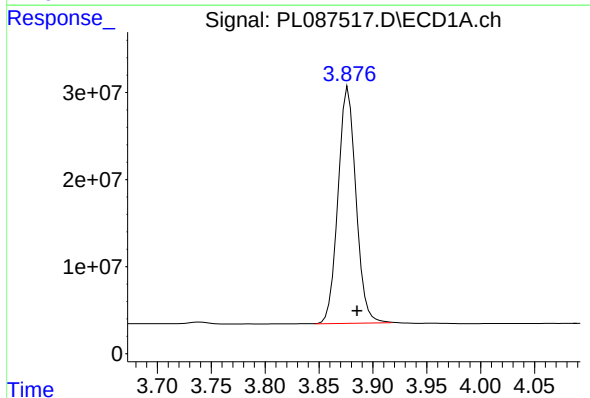
Manual Integrations  
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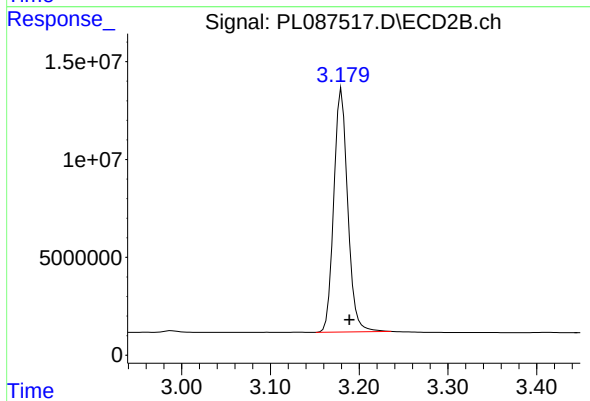
#1 Tetrachloro-m-xylene

R.T.: 2.676 min  
Delta R.T.: -0.008 min  
Response: 90676550  
Conc: 53.87 ng/ml



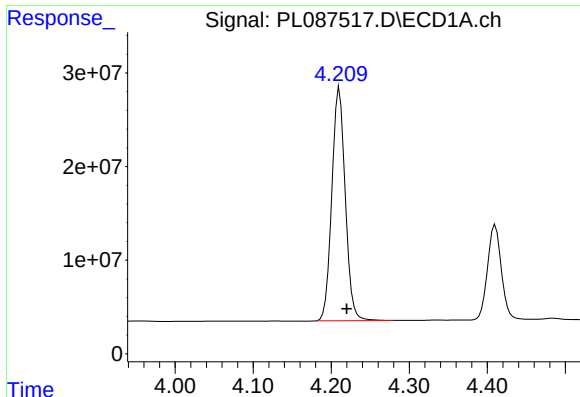
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: -0.010 min  
Response: 314448276  
Conc: 58.08 ng/ml m



#2 alpha-BHC

R.T.: 3.179 min  
Delta R.T.: -0.010 min  
Response: 135307361  
Conc: 55.06 ng/ml m



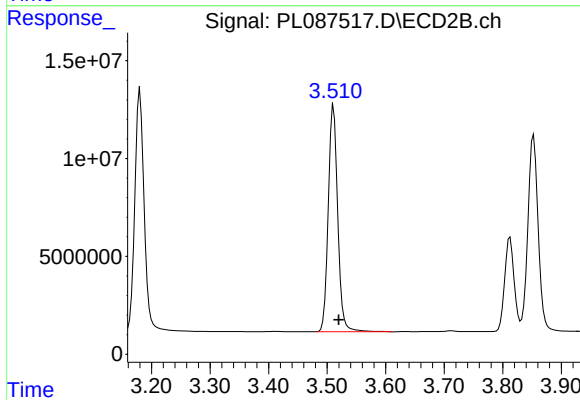
#3 gamma-BHC (Lindane)

R.T.: 4.211 min  
Delta R.T.: -0.009 min  
Response: 297984595  
Conc: 56.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

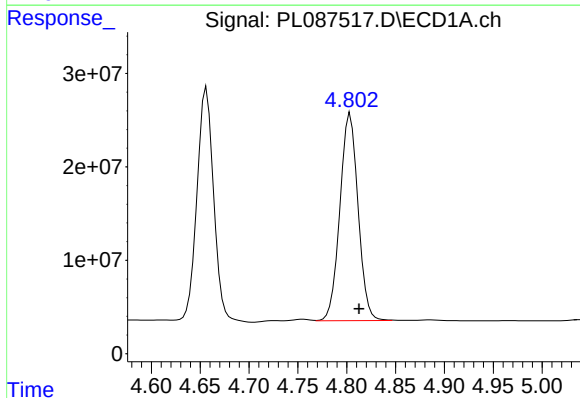
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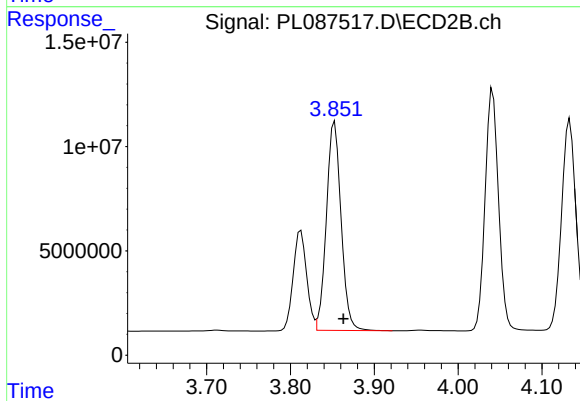
#3 gamma-BHC (Lindane)

R.T.: 3.511 min  
Delta R.T.: -0.009 min  
Response: 129977556  
Conc: 53.66 ng/ml



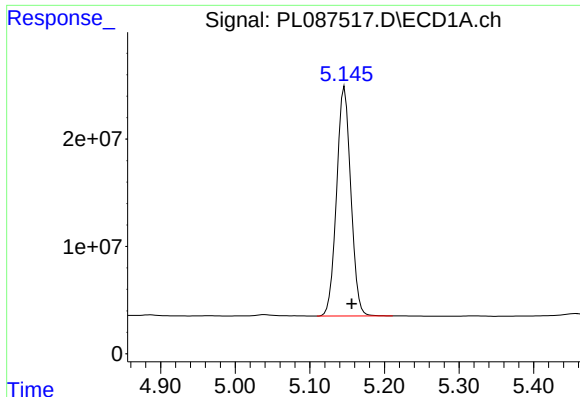
#4 Heptachlor

R.T.: 4.802 min  
Delta R.T.: -0.010 min  
Response: 287788216  
Conc: 54.03 ng/ml m



#4 Heptachlor

R.T.: 3.853 min  
Delta R.T.: -0.010 min  
Response: 121435631  
Conc: 50.80 ng/ml



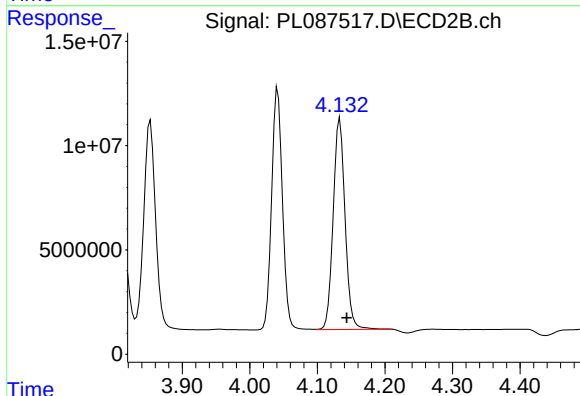
#5 Aldrin

R.T.: 5.147 min  
Delta R.T.: -0.010 min  
Response: 283292304  
Conc: 54.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

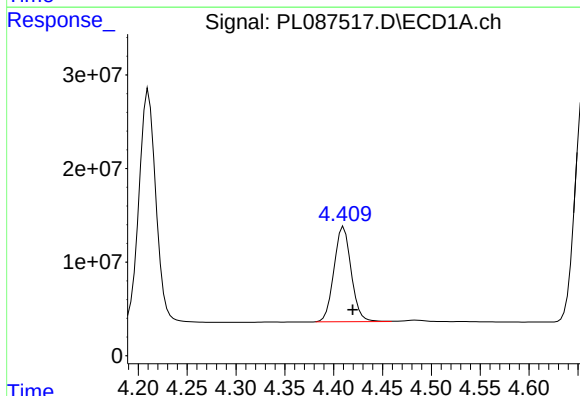
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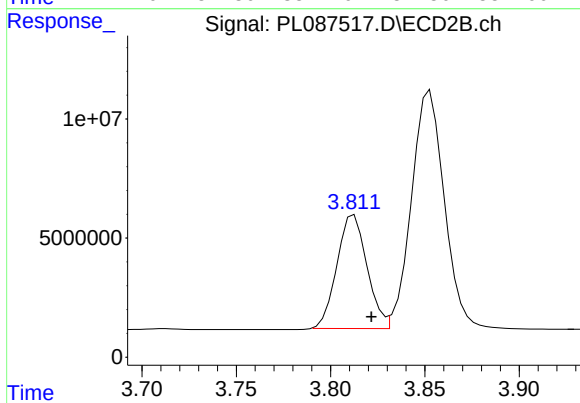
#5 Aldrin

R.T.: 4.133 min  
Delta R.T.: -0.010 min  
Response: 124366891  
Conc: 51.87 ng/ml



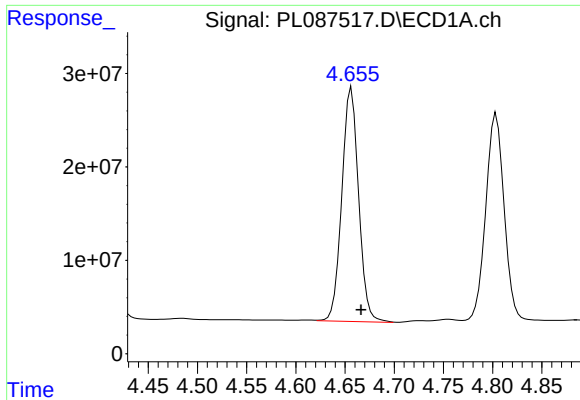
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: -0.009 min  
Response: 124342509  
Conc: 54.14 ng/ml



#6 beta-BHC

R.T.: 3.812 min  
Delta R.T.: -0.009 min  
Response: 52942953  
Conc: 50.86 ng/ml



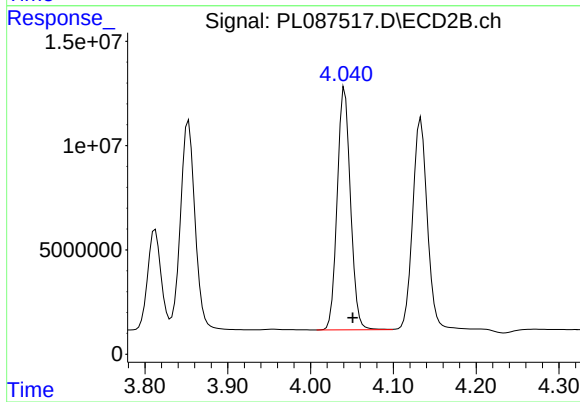
#7 delta-BHC

R.T.: 4.655 min  
Delta R.T.: -0.011 min  
Response: 296798383  
Conc: 56.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

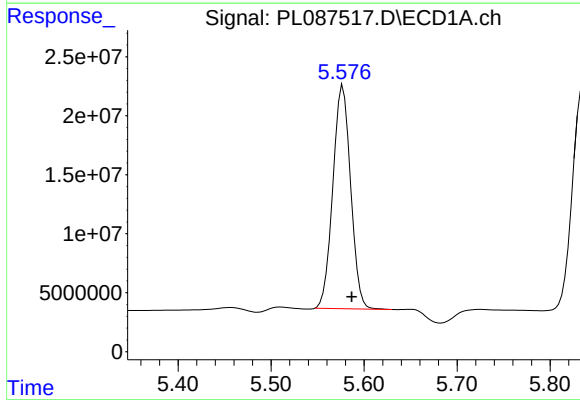
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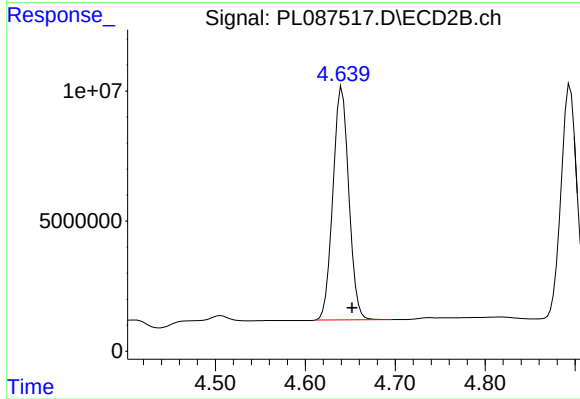
#7 delta-BHC

R.T.: 4.041 min  
Delta R.T.: -0.010 min  
Response: 129181038  
Conc: 52.81 ng/ml



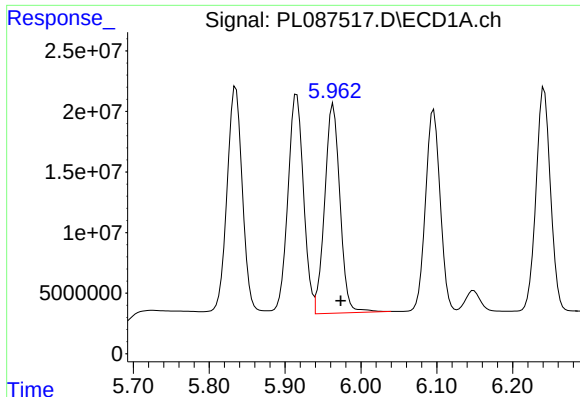
#8 Heptachlor epoxide

R.T.: 5.577 min  
Delta R.T.: -0.010 min  
Response: 251717283  
Conc: 53.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min  
Delta R.T.: -0.011 min  
Response: 110122152  
Conc: 49.49 ng/ml



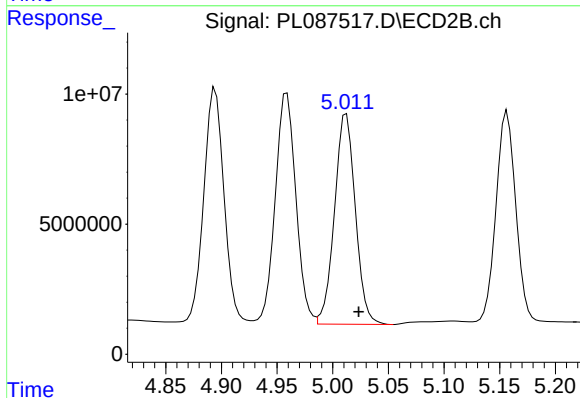
#9 Endosulfan I

R.T.: 5.963 min  
Delta R.T.: -0.010 min  
Response: 242631201  
Conc: 54.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

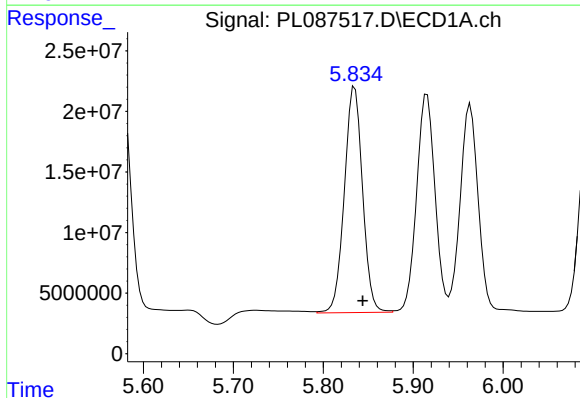
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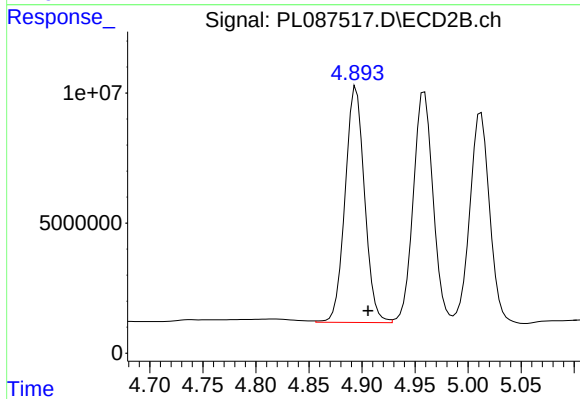
#9 Endosulfan I

R.T.: 5.012 min  
Delta R.T.: -0.011 min  
Response: 105439866  
Conc: 48.79 ng/ml



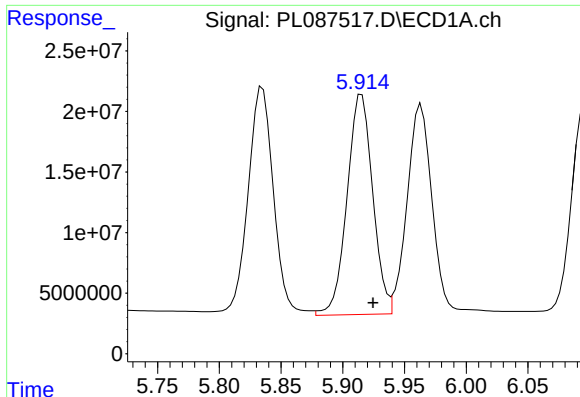
#10 gamma-Chlordane

R.T.: 5.834 min  
Delta R.T.: -0.010 min  
Response: 262295810  
Conc: 54.10 ng/ml m



#10 gamma-Chlordane

R.T.: 4.894 min  
Delta R.T.: -0.011 min  
Response: 115058886  
Conc: 50.30 ng/ml



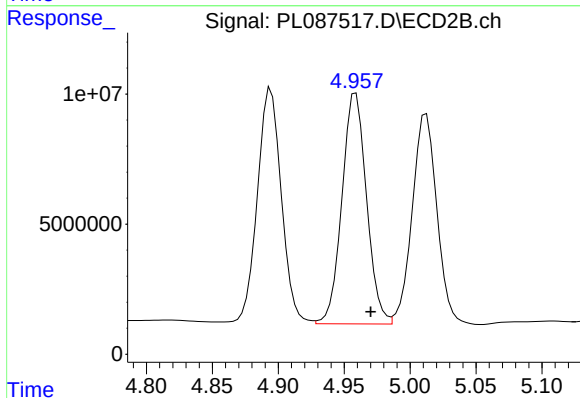
#11 alpha-Chlordane

R.T.: 5.915 min  
Delta R.T.: -0.009 min  
Response: 263253265  
Conc: 54.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

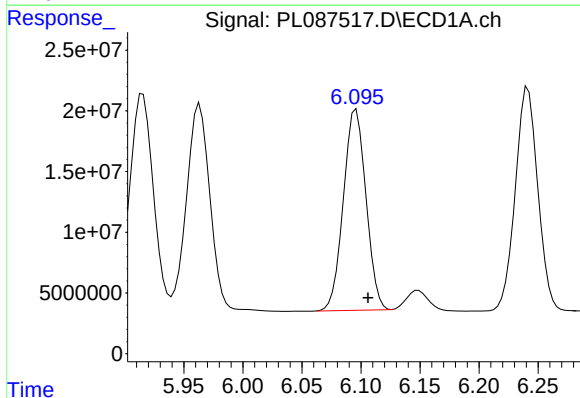
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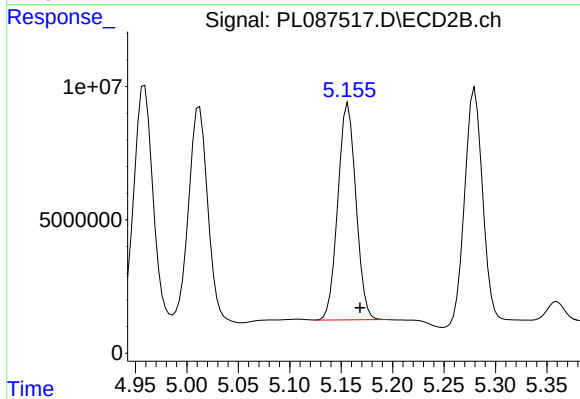
#11 alpha-Chlordane

R.T.: 4.959 min  
Delta R.T.: -0.011 min  
Response: 115131836  
Conc: 49.88 ng/ml



#12 4,4'-DDE

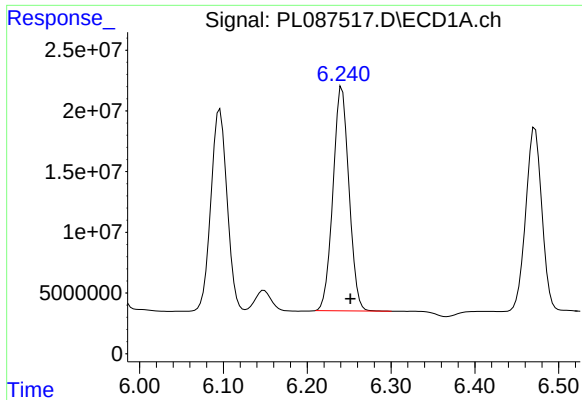
R.T.: 6.096 min  
Delta R.T.: -0.010 min  
Response: 220514828  
Conc: 53.21 ng/ml



#12 4,4'-DDE

R.T.: 5.155 min  
Delta R.T.: -0.013 min  
Response: 99404686  
Conc: 50.06 ng/ml m





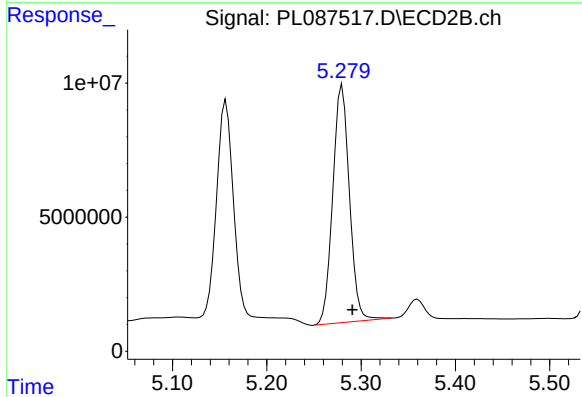
#13 Dieldrin

R.T.: 6.241 min  
Delta R.T.: -0.010 min  
Response: 244251948  
Conc: 52.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

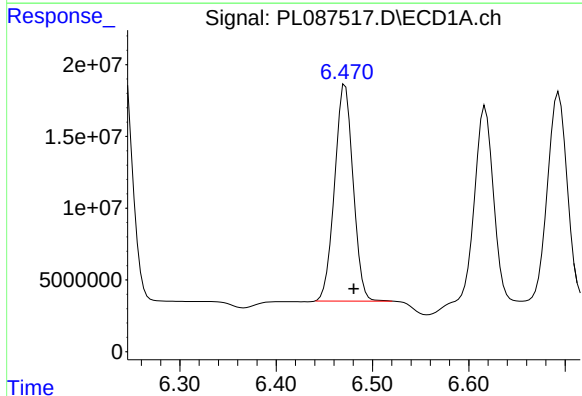
Manual Integrations  
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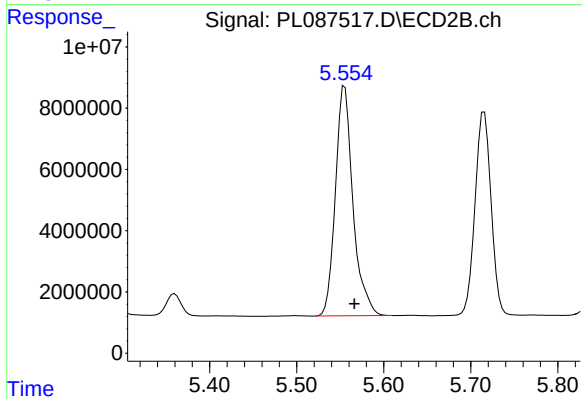
#13 Dieldrin

R.T.: 5.280 min  
Delta R.T.: -0.011 min  
Response: 108583466  
Conc: 48.74 ng/ml



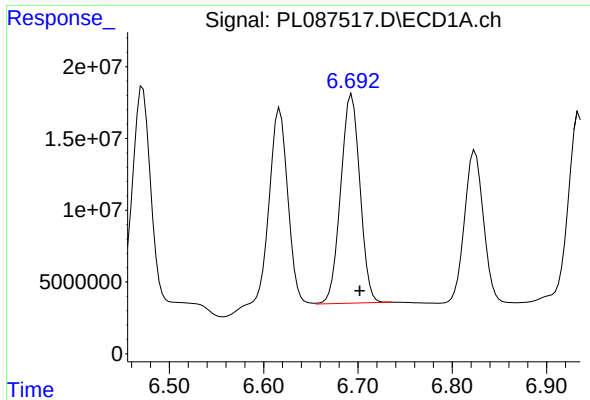
#14 Endrin

R.T.: 6.472 min  
Delta R.T.: -0.009 min  
Response: 201495220  
Conc: 52.37 ng/ml



#14 Endrin

R.T.: 5.555 min  
Delta R.T.: -0.011 min  
Response: 105452919  
Conc: 52.84 ng/ml



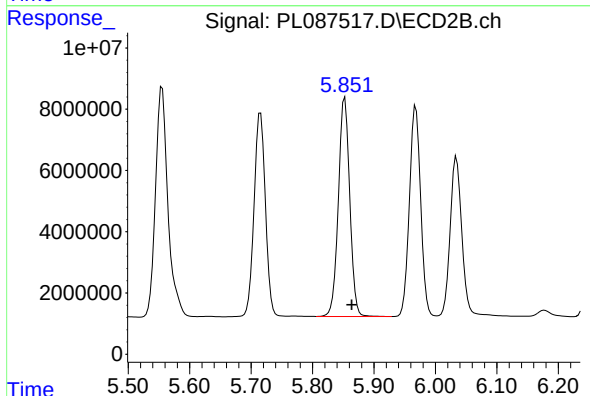
#15 Endosulfan II

R.T.: 6.693 min  
Delta R.T.: -0.009 min  
Response: 206534973  
Conc: 51.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

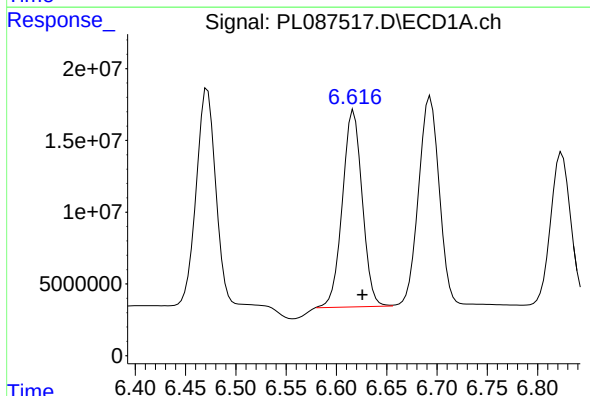
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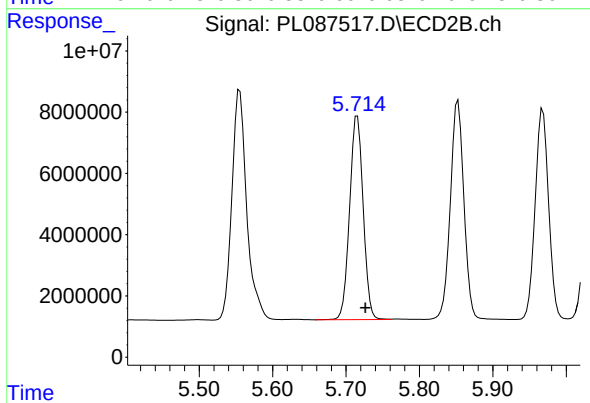
#15 Endosulfan II

R.T.: 5.853 min  
Delta R.T.: -0.011 min  
Response: 92059552  
Conc: 47.28 ng/ml



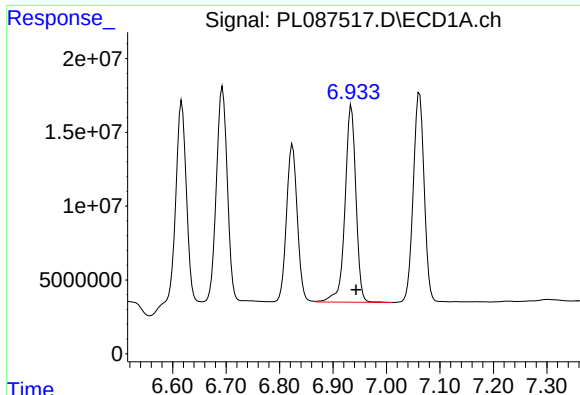
#16 4,4'-DDD

R.T.: 6.617 min  
Delta R.T.: -0.009 min  
Response: 187171393  
Conc: 56.63 ng/ml



#16 4,4'-DDD

R.T.: 5.715 min  
Delta R.T.: -0.011 min  
Response: 85452861  
Conc: 51.61 ng/ml



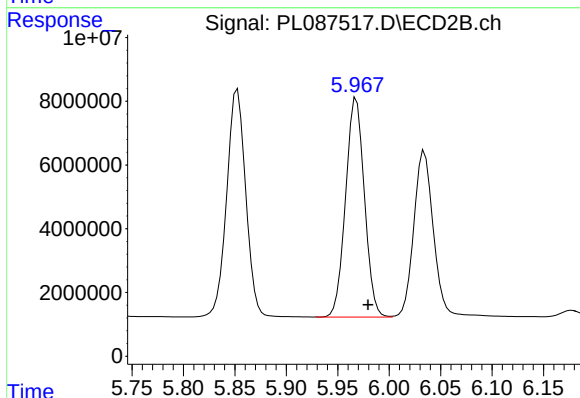
#17 4,4'-DDT

R.T.: 6.934 min  
Delta R.T.: -0.009 min  
Response: 189012750  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

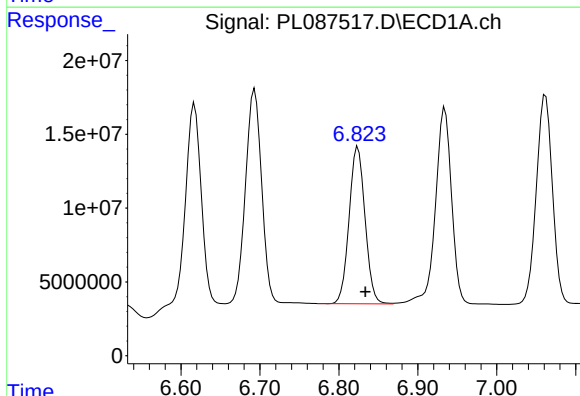
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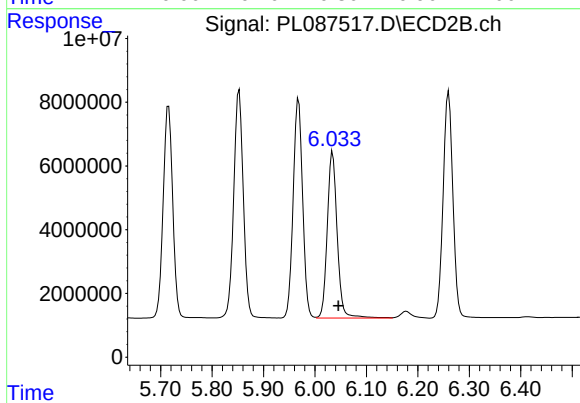
#17 4,4'-DDT

R.T.: 5.968 min  
Delta R.T.: -0.011 min  
Response: 87592484  
Conc: 47.49 ng/ml



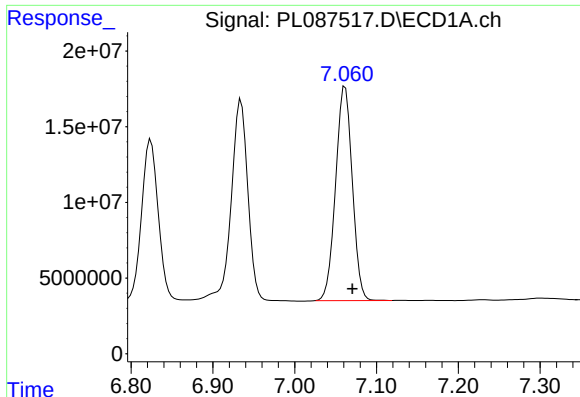
#18 Endrin aldehyde

R.T.: 6.824 min  
Delta R.T.: -0.009 min  
Response: 149222384  
Conc: 51.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.034 min  
Delta R.T.: -0.011 min  
Response: 69989575  
Conc: 47.69 ng/ml



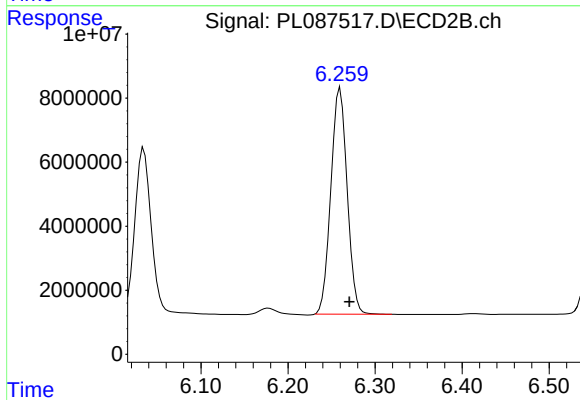
#19 Endosulfan Sulfate

R.T.: 7.062 min  
Delta R.T.: -0.009 min  
Response: 200204411  
Conc: 50.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

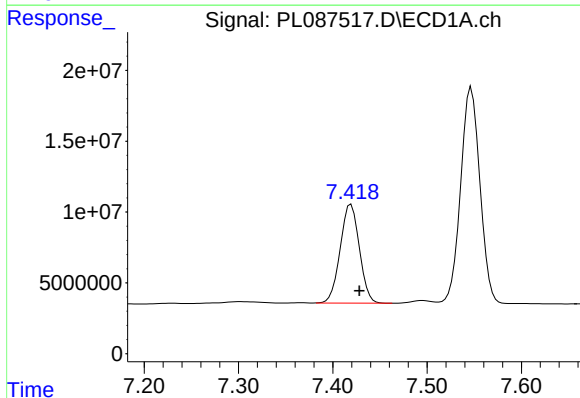
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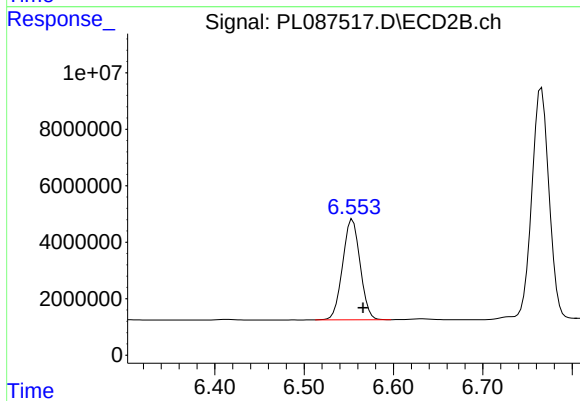
#19 Endosulfan Sulfate

R.T.: 6.260 min  
Delta R.T.: -0.011 min  
Response: 92159492  
Conc: 48.92 ng/ml



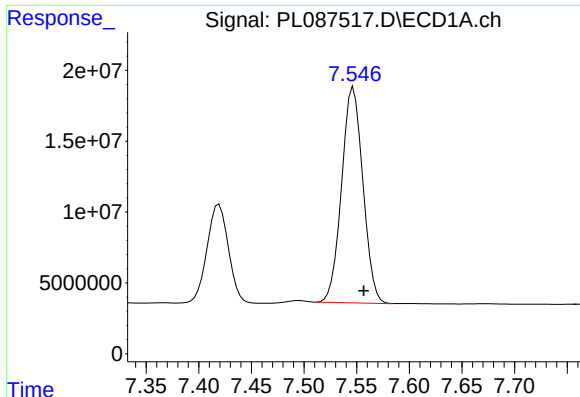
#20 Methoxychlor

R.T.: 7.419 min  
Delta R.T.: -0.009 min  
Response: 98493293  
Conc: 50.51 ng/ml



#20 Methoxychlor

R.T.: 6.553 min  
Delta R.T.: -0.013 min  
Response: 48307646  
Conc: 47.30 ng/ml m



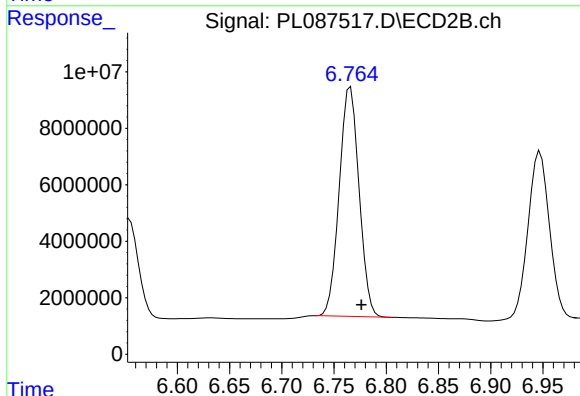
#21 Endrin ketone

R.T.: 7.546 min  
Delta R.T.: -0.011 min  
Response: 215085068  
Conc: 52.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

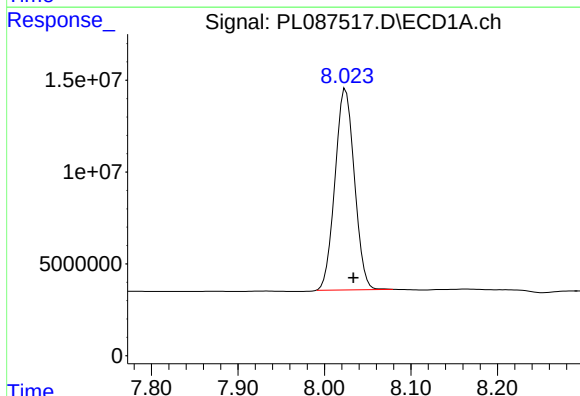
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/28/2023  
Supervised By :Ankita Jodhani 12/28/2023



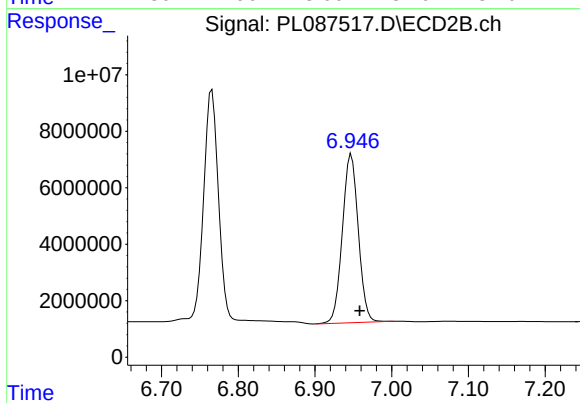
#21 Endrin ketone

R.T.: 6.764 min  
Delta R.T.: -0.012 min  
Response: 107194047  
Conc: 50.36 ng/ml m



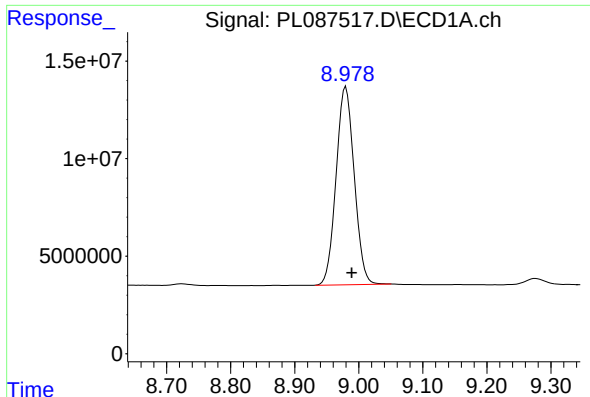
#22 Mirex

R.T.: 8.025 min  
Delta R.T.: -0.009 min  
Response: 170003460  
Conc: 50.48 ng/ml



#22 Mirex

R.T.: 6.947 min  
Delta R.T.: -0.011 min  
Response: 86494304  
Conc: 48.62 ng/ml



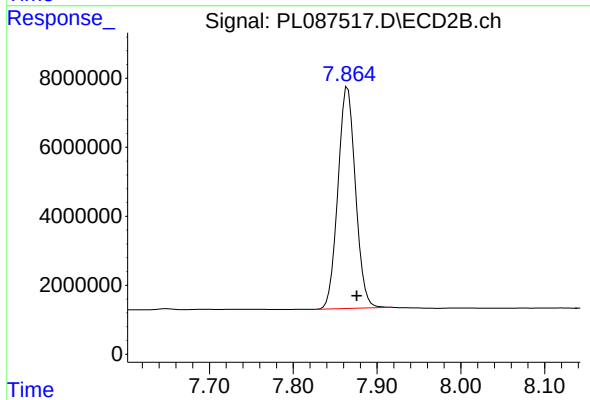
#28 Decachlorobiphenyl

R.T.: 8.980 min  
Delta R.T.: -0.009 min  
Response: 199294437  
Conc: 58.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/28/2023  
Supervised By :Ankita Jodhani 12/28/2023



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: -0.012 min  
Response: 93416265  
Conc: 55.31 ng/ml m