

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110322\  
 Data File : PL078784.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Nov 2022 16:21  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 11/04/2022  
 Supervised By :Ankita Jodhani 11/04/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 04 03:20:09 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 2022  
 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... | 3.323 | 2.570 | 94466813 | 133.8E6  | 49.536 | 52.416  |
| 28)                         | SA Decachlor... | 8.773 | 7.638 | 66786009 | 88721619 | 44.395 | 46.841  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.783 | 3.057 | 145.3E6  | 209.8E6  | 50.612 | 53.138  |
| 3)                          | MA gamma-BHC... | 4.117 | 3.378 | 135.0E6  | 192.2E6  | 50.522 | 53.472  |
| 4)                          | MA Heptachlor   | 4.688 | 3.705 | 132.4E6  | 187.6E6  | 51.011 | 54.109  |
| 5)                          | MB Aldrin       | 5.026 | 3.976 | 121.4E6  | 190.0E6  | 49.022 | 54.269  |
| 6)                          | B beta-BHC      | 4.331 | 3.678 | 56203669 | 74832655 | 48.789 | 52.154  |
| 7)                          | B delta-BHC     | 4.572 | 3.898 | 123.2E6  | 192.1E6  | 54.096 | 52.768  |
| 8)                          | B Heptachlo...  | 5.459 | 4.473 | 113.9E6  | 160.7E6  | 53.649 | 53.345  |
| 9)                          | A Endosulfan I  | 5.843 | 4.836 | 100.8E6  | 147.0E6  | 47.246 | 51.334  |
| 10)                         | B gamma-Chl...  | 5.715 | 4.721 | 110.9E6  | 159.0E6  | 49.112 | 51.890  |
| 11)                         | B alpha-Chl...  | 5.791 | 4.783 | 109.4E6  | 154.5E6  | 47.288 | 51.835  |
| 12)                         | B 4,4'-DDE      | 5.974 | 4.978 | 93563812 | 141.2E6  | 46.750 | 51.876  |
| 13)                         | MA Dieldrin     | 6.121 | 5.098 | 99080485 | 149.4E6  | 45.945 | 50.421  |
| 14)                         | MA Endrin       | 6.352 | 5.369 | 85919509 | 131.1E6  | 45.273 | 50.311  |
| 15)                         | B Endosulfa...  | 6.581 | 5.665 | 78270906 | 118.5E6  | 41.719 | 52.044  |
| 16)                         | A 4,4'-DDD      | 6.499 | 5.529 | 74644024 | 115.3E6  | 44.777 | 52.483  |
| 17)                         | MA 4,4'-DDT     | 6.808 | 5.774 | 77977620 | 114.9E6  | 43.506 | 52.985m |
| 18)                         | B Endrin al...  | 6.713 | 5.844 | 63908910 | 92266534 | 43.922 | 49.162  |
| 19)                         | B Endosulfa...  | 6.945 | 6.066 | 80025856 | 119.6E6  | 43.494 | 50.239  |
| 20)                         | A Methoxychlor  | 7.293 | 6.353 | 40703836 | 58263609 | 44.201 | 51.343  |
| 21)                         | B Endrin ke...  | 7.431 | 6.562 | 82327648 | 134.6E6  | 43.759 | 52.056  |
| 22)                         | Mirex           | 7.888 | 6.735 | 63304206 | 96881390 | 43.364 | 49.229  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110322\  
 Data File : PL078784.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Nov 2022 16:21  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

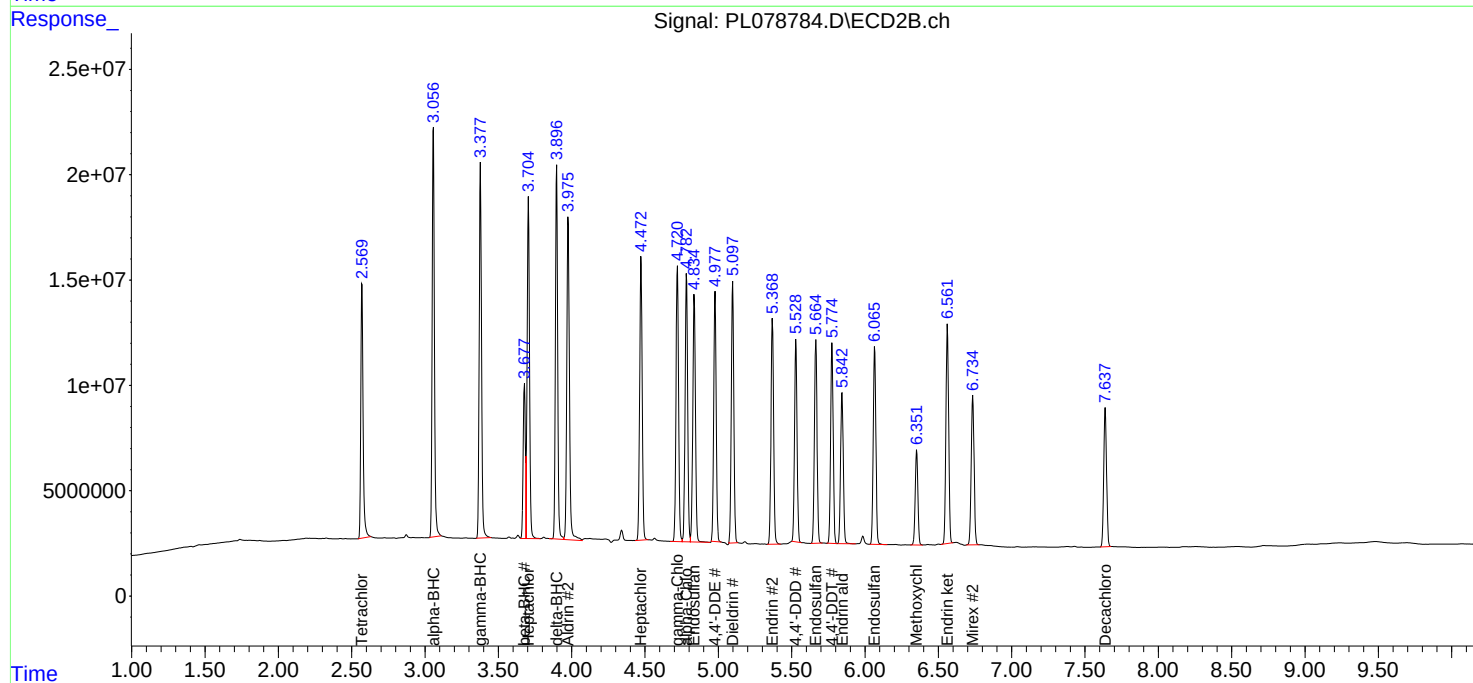
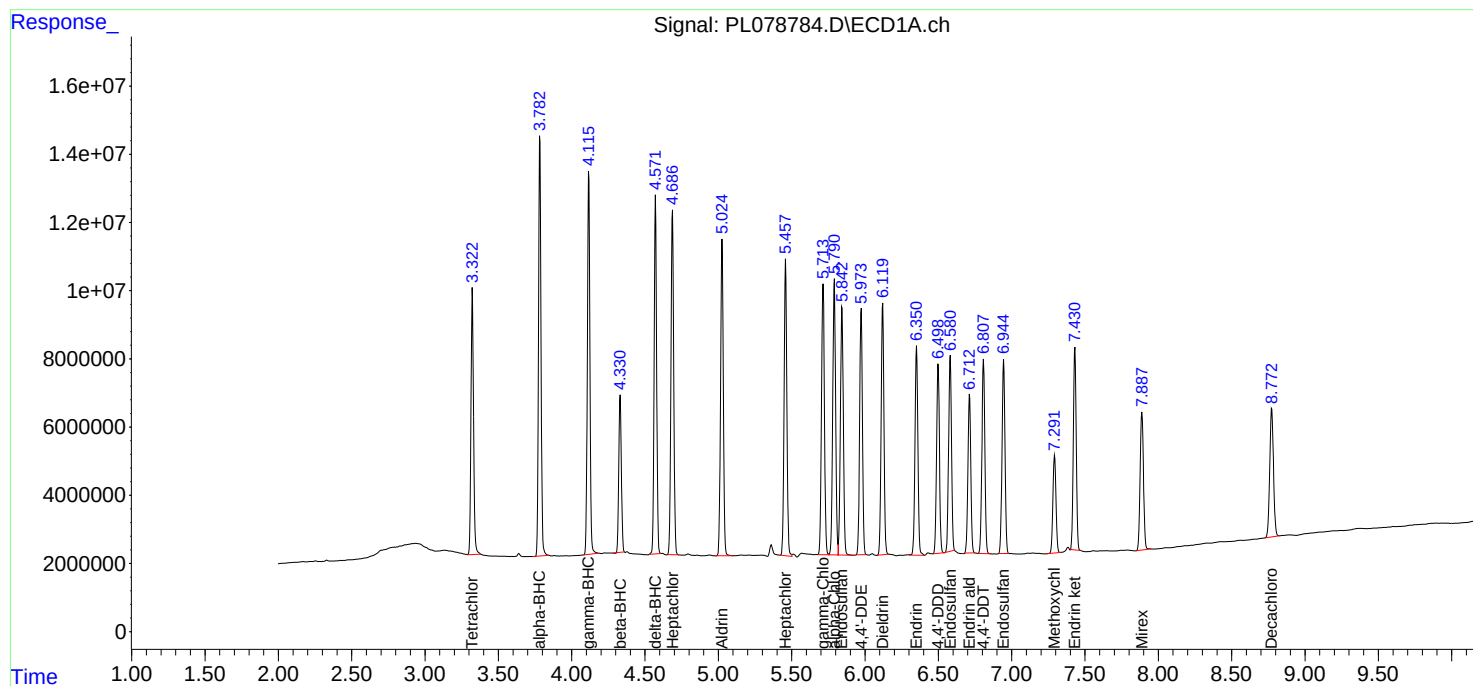
## Manual Integrations

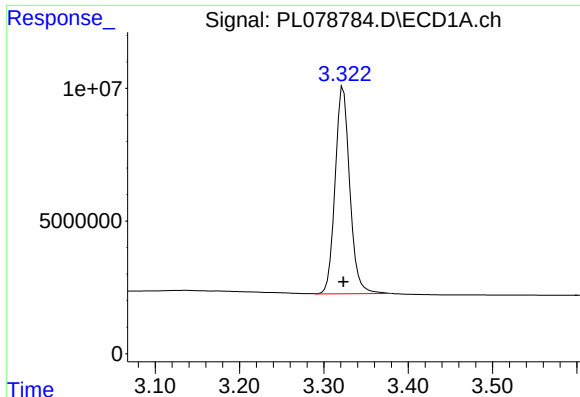
## APPROVED

Reviewed By : Abdul Mirza 11/04/2022  
 Supervised By : Ankita Jodhani 11/04/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 04 03:20:09 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 2022  
 Response via : Initial Calibration  
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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





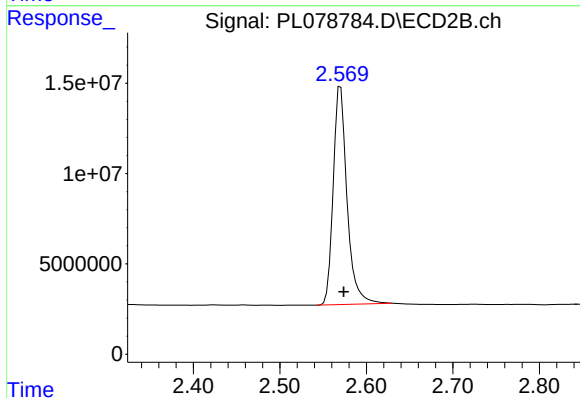
#1 Tetrachloro-m-xylene

R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 94466813  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

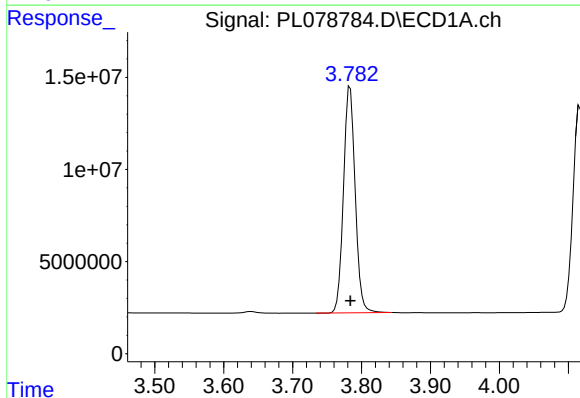
Manual Integrations  
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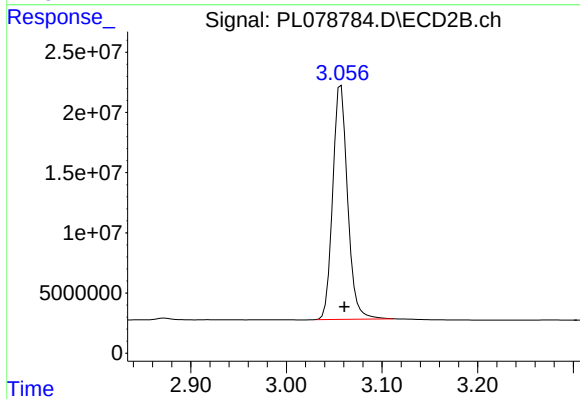
#1 Tetrachloro-m-xylene

R.T.: 2.570 min  
Delta R.T.: -0.004 min  
Response: 133828582  
Conc: 52.42 ng/ml



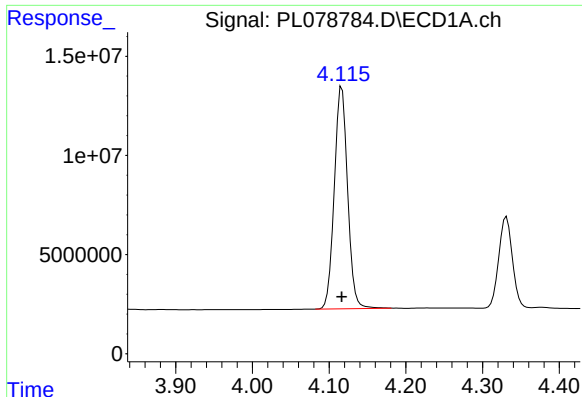
#2 alpha-BHC

R.T.: 3.783 min  
Delta R.T.: 0.000 min  
Response: 145326087  
Conc: 50.61 ng/ml



#2 alpha-BHC

R.T.: 3.057 min  
Delta R.T.: -0.003 min  
Response: 209842338  
Conc: 53.14 ng/ml



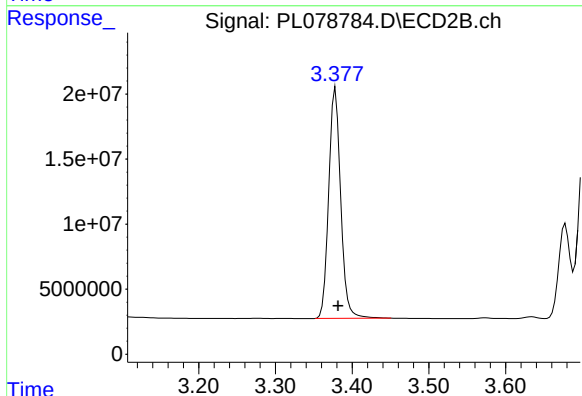
#3 gamma-BHC (Lindane)

R.T.: 4.117 min  
Delta R.T.: 0.000 min  
Response: 134982381  
Conc: 50.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

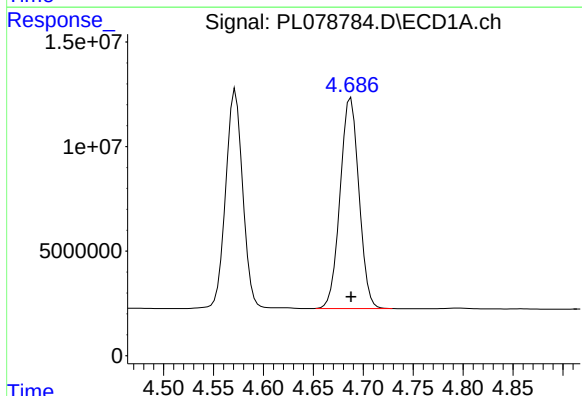
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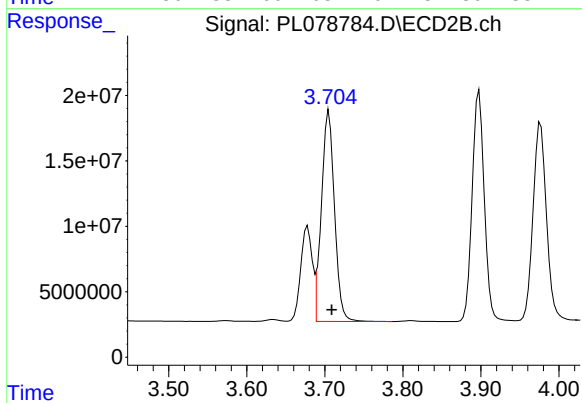
#3 gamma-BHC (Lindane)

R.T.: 3.378 min  
Delta R.T.: -0.003 min  
Response: 192186909  
Conc: 53.47 ng/ml



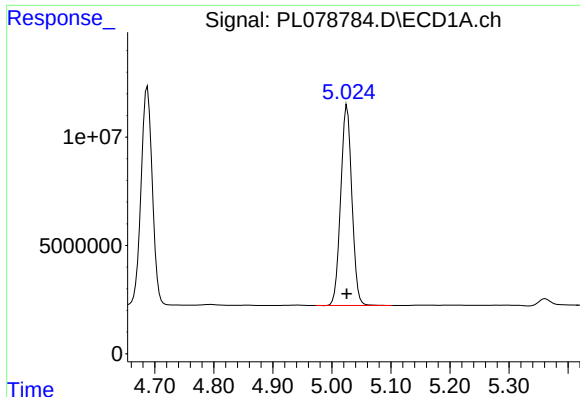
#4 Heptachlor

R.T.: 4.688 min  
Delta R.T.: 0.000 min  
Response: 132425264  
Conc: 51.01 ng/ml



#4 Heptachlor

R.T.: 3.705 min  
Delta R.T.: -0.003 min  
Response: 187640525  
Conc: 54.11 ng/ml



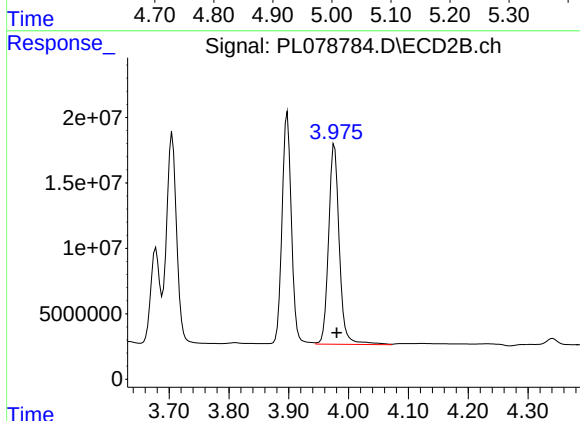
#5 Aldrin

R.T.: 5.026 min  
Delta R.T.: 0.000 min  
Response: 121412514  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

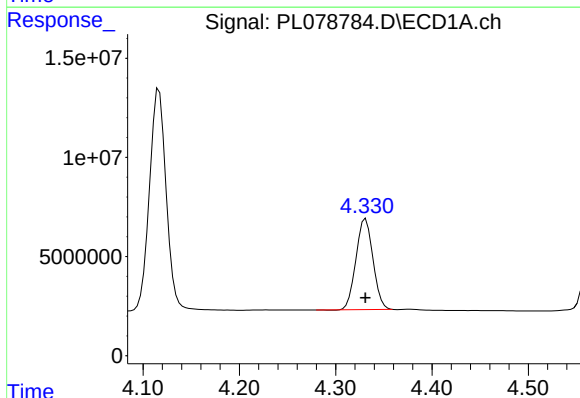
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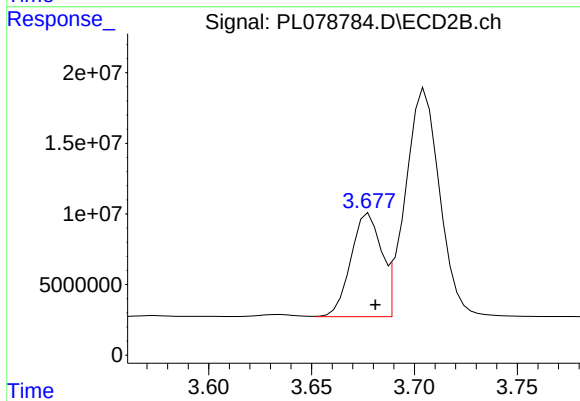
#5 Aldrin

R.T.: 3.976 min  
Delta R.T.: -0.004 min  
Response: 190032625  
Conc: 54.27 ng/ml



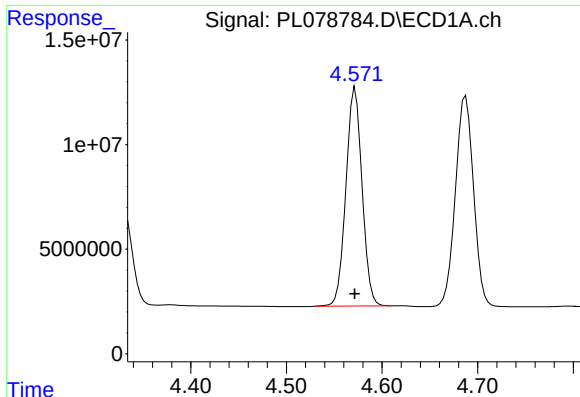
#6 beta-BHC

R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 56203669  
Conc: 48.79 ng/ml



#6 beta-BHC

R.T.: 3.678 min  
Delta R.T.: -0.003 min  
Response: 74832655  
Conc: 52.15 ng/ml



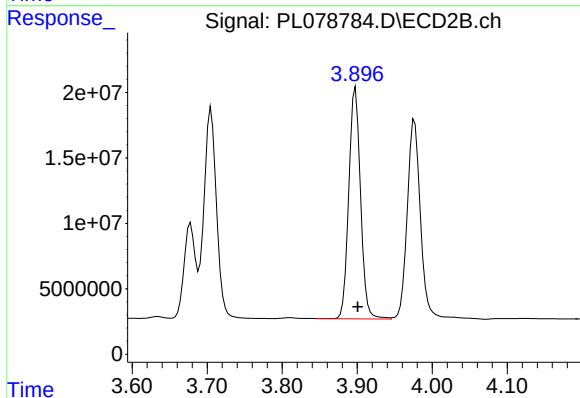
#7 delta-BHC

R.T.: 4.572 min  
Delta R.T.: 0.000 min  
Response: 123169413  
Conc: 54.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

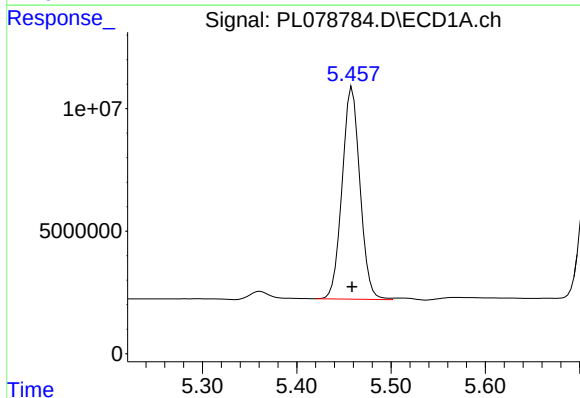
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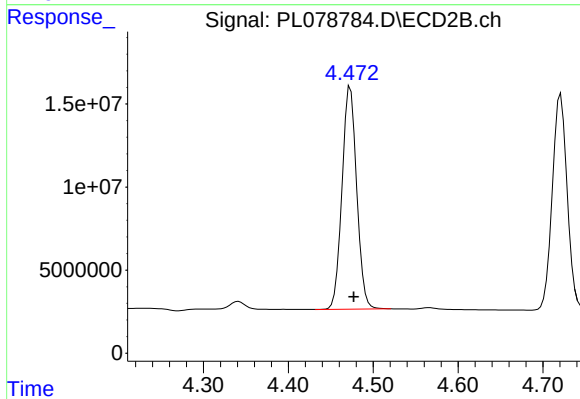
#7 delta-BHC

R.T.: 3.898 min  
Delta R.T.: -0.003 min  
Response: 192146993  
Conc: 52.77 ng/ml



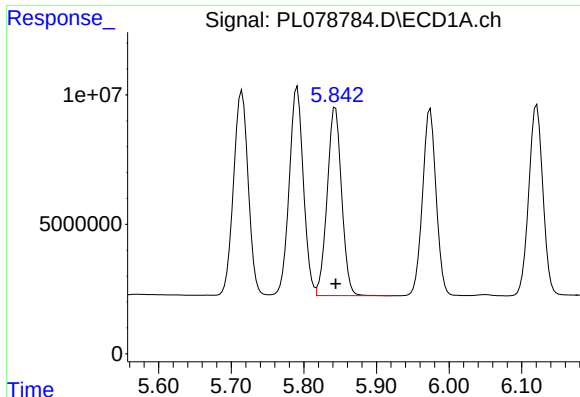
#8 Heptachlor epoxide

R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 113897469  
Conc: 53.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.473 min  
Delta R.T.: -0.004 min  
Response: 160741808  
Conc: 53.35 ng/ml



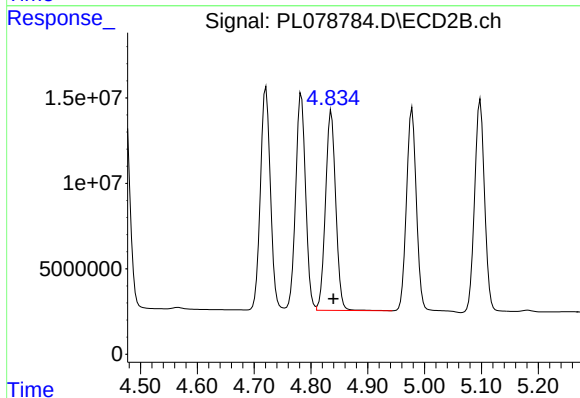
#9 Endosulfan I

R.T.: 5.843 min  
Delta R.T.: 0.000 min  
Response: 100804025  
Conc: 47.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

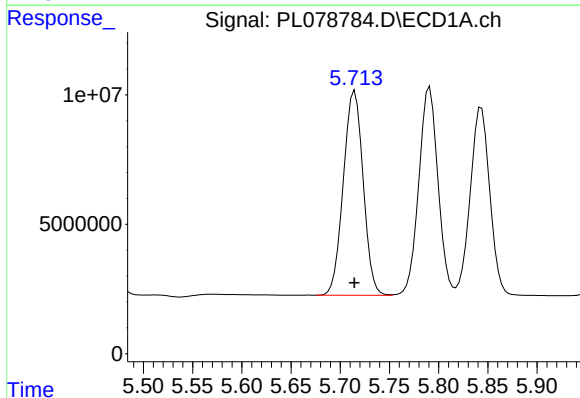
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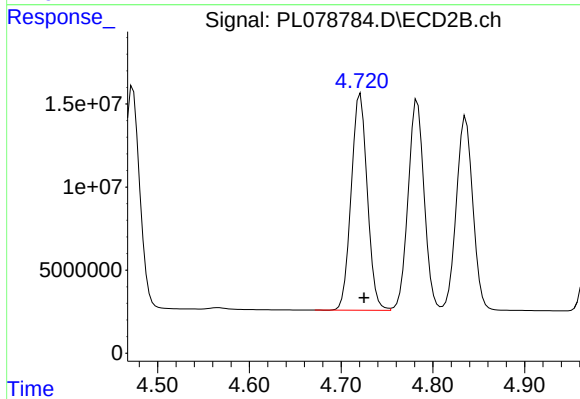
#9 Endosulfan I

R.T.: 4.836 min  
Delta R.T.: -0.004 min  
Response: 146952307  
Conc: 51.33 ng/ml



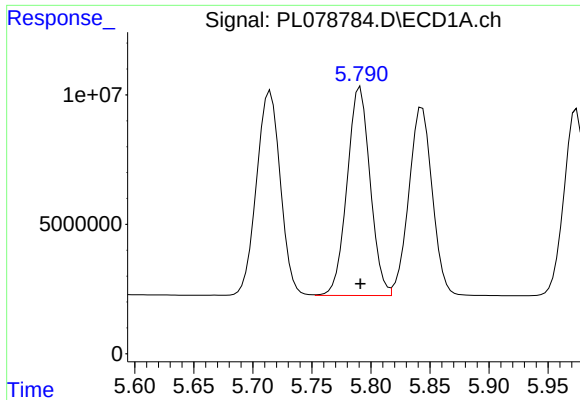
#10 gamma-Chlordane

R.T.: 5.715 min  
Delta R.T.: 0.000 min  
Response: 110853138  
Conc: 49.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.721 min  
Delta R.T.: -0.004 min  
Response: 159014428  
Conc: 51.89 ng/ml



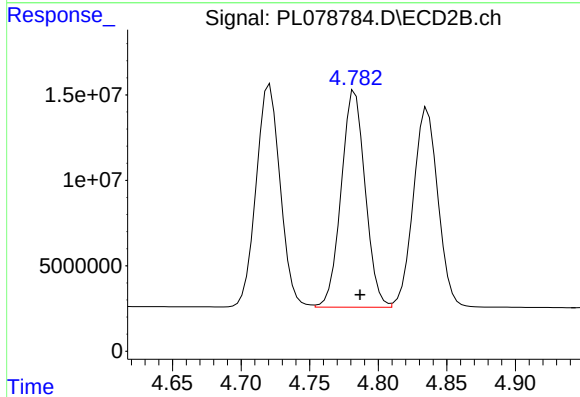
#11 alpha-Chlordane

R.T.: 5.791 min  
Delta R.T.: 0.000 min  
Response: 109414140  
Conc: 47.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

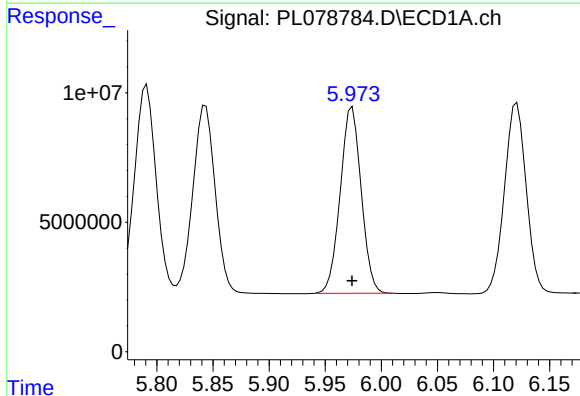
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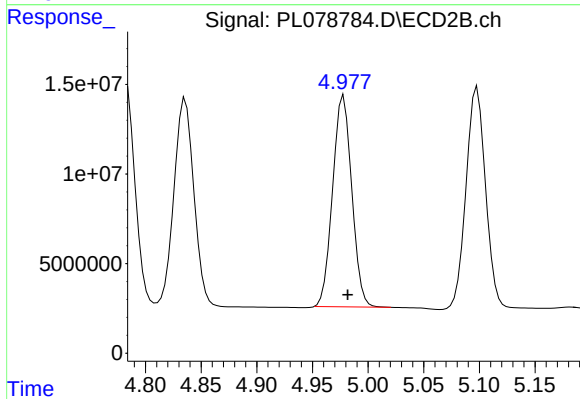
#11 alpha-Chlordane

R.T.: 4.783 min  
Delta R.T.: -0.004 min  
Response: 154487628  
Conc: 51.83 ng/ml



#12 4,4'-DDE

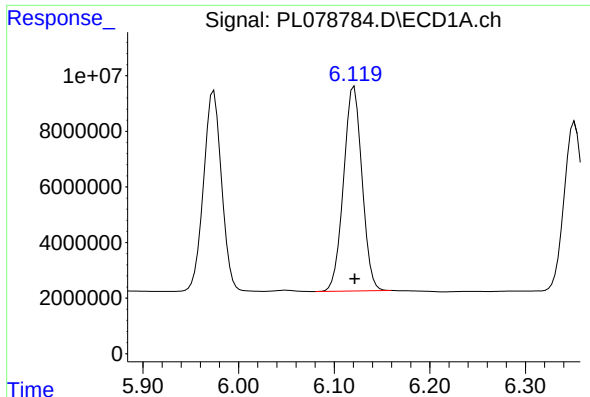
R.T.: 5.974 min  
Delta R.T.: 0.000 min  
Response: 93563812  
Conc: 46.75 ng/ml



#12 4,4'-DDE

R.T.: 4.978 min  
Delta R.T.: -0.004 min  
Response: 141232958  
Conc: 51.88 ng/ml





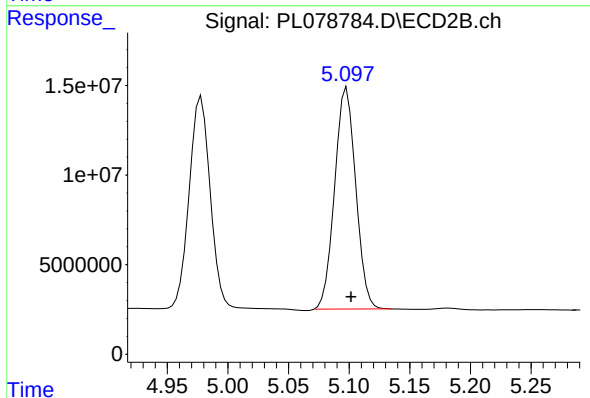
#13 Dieldrin

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 99080485  
Conc: 45.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

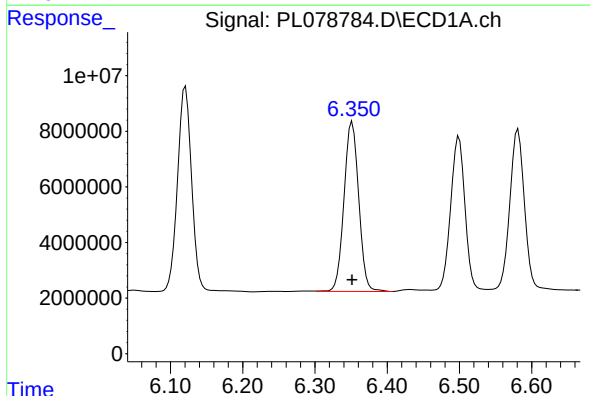
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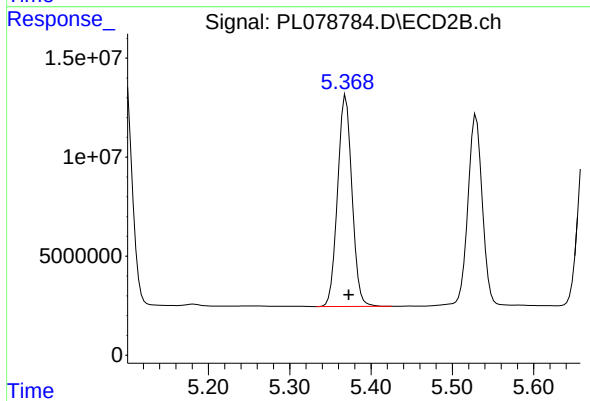
#13 Dieldrin

R.T.: 5.098 min  
Delta R.T.: -0.004 min  
Response: 149403405  
Conc: 50.42 ng/ml



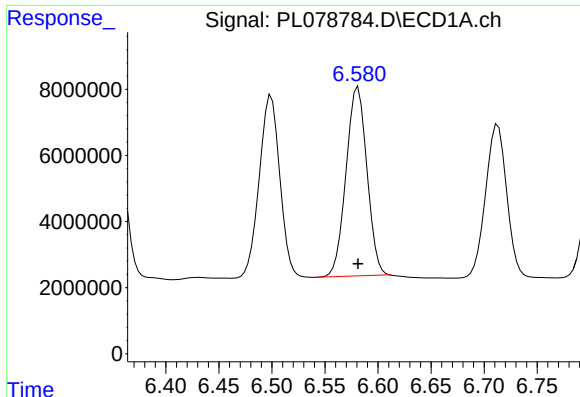
#14 Endrin

R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 85919509  
Conc: 45.27 ng/ml



#14 Endrin

R.T.: 5.369 min  
Delta R.T.: -0.003 min  
Response: 131072318  
Conc: 50.31 ng/ml



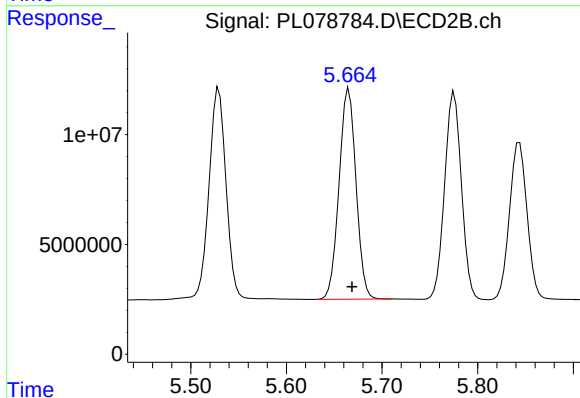
#15 Endosulfan II

R.T.: 6.581 min  
Delta R.T.: 0.000 min  
Response: 78270906  
Conc: 41.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

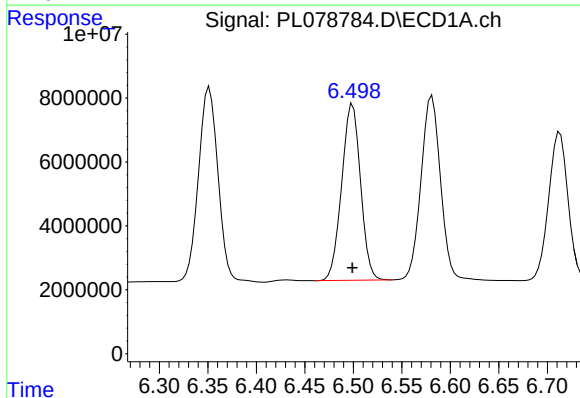
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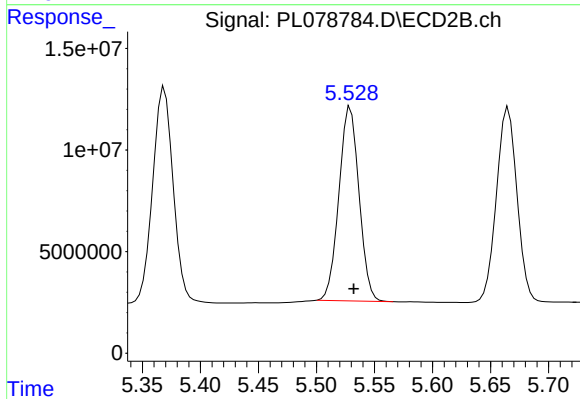
#15 Endosulfan II

R.T.: 5.665 min  
Delta R.T.: -0.003 min  
Response: 118465842  
Conc: 52.04 ng/ml



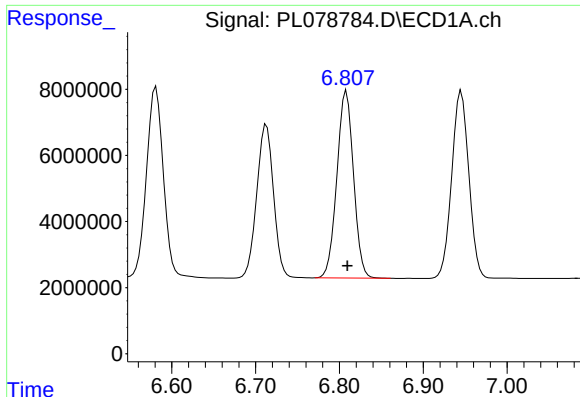
#16 4,4'-DDD

R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 74644024  
Conc: 44.78 ng/ml



#16 4,4'-DDD

R.T.: 5.529 min  
Delta R.T.: -0.003 min  
Response: 115272615  
Conc: 52.48 ng/ml



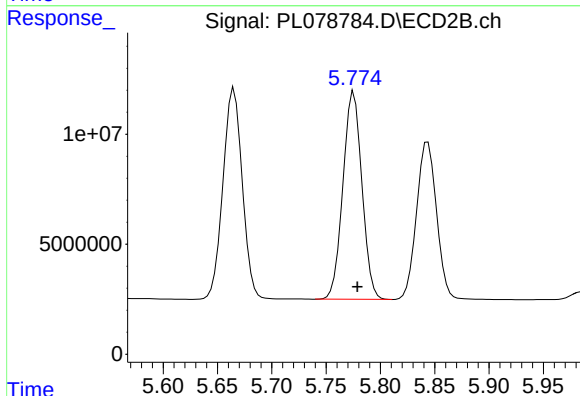
#17 4,4'-DDT

R.T.: 6.808 min  
Delta R.T.: 0.000 min  
Response: 77977620  
Conc: 43.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

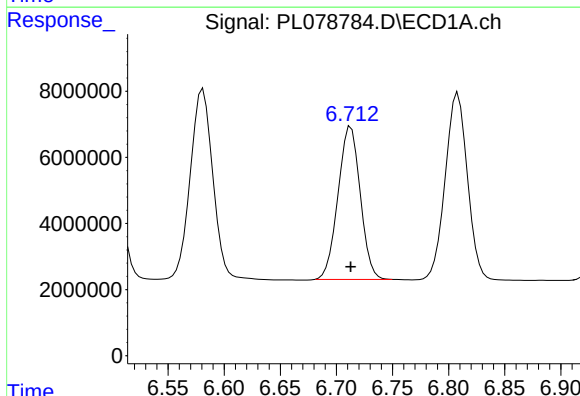
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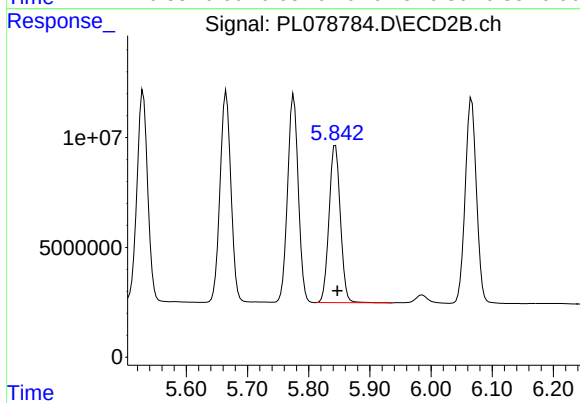
#17 4,4'-DDT

R.T.: 5.774 min  
Delta R.T.: -0.005 min  
Response: 114930521  
Conc: 52.98 ng/ml m



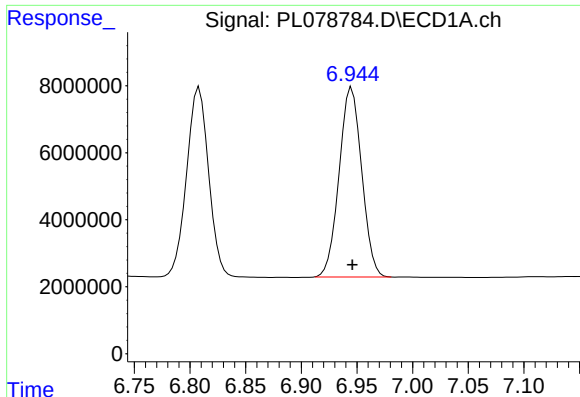
#18 Endrin aldehyde

R.T.: 6.713 min  
Delta R.T.: 0.000 min  
Response: 63908910  
Conc: 43.92 ng/ml



#18 Endrin aldehyde

R.T.: 5.844 min  
Delta R.T.: -0.003 min  
Response: 92266534  
Conc: 49.16 ng/ml



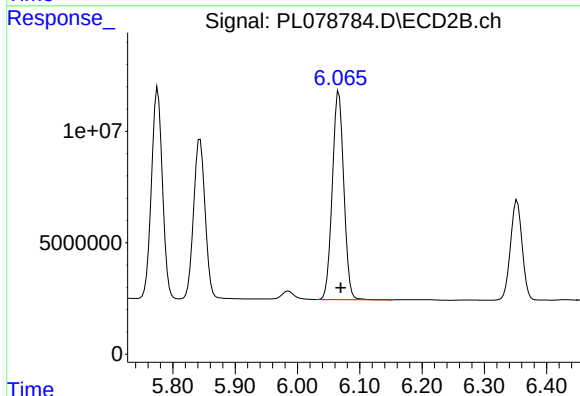
#19 Endosulfan Sulfate

R.T.: 6.945 min  
Delta R.T.: 0.000 min  
Response: 80025856  
Conc: 43.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

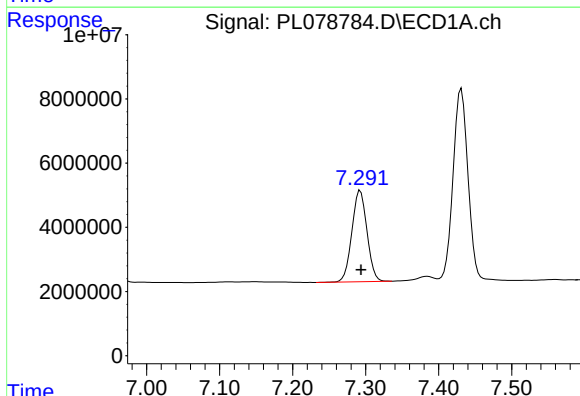
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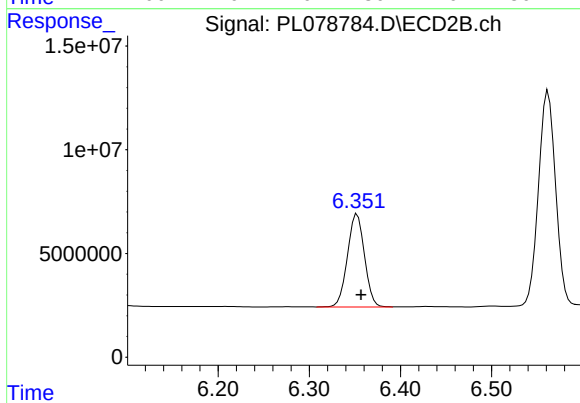
#19 Endosulfan Sulfate

R.T.: 6.066 min  
Delta R.T.: -0.003 min  
Response: 119592666  
Conc: 50.24 ng/ml



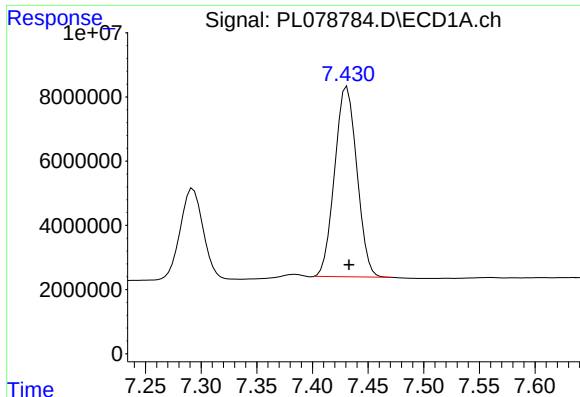
#20 Methoxychlor

R.T.: 7.293 min  
Delta R.T.: -0.001 min  
Response: 40703836  
Conc: 44.20 ng/ml



#20 Methoxychlor

R.T.: 6.353 min  
Delta R.T.: -0.004 min  
Response: 58263609  
Conc: 51.34 ng/ml



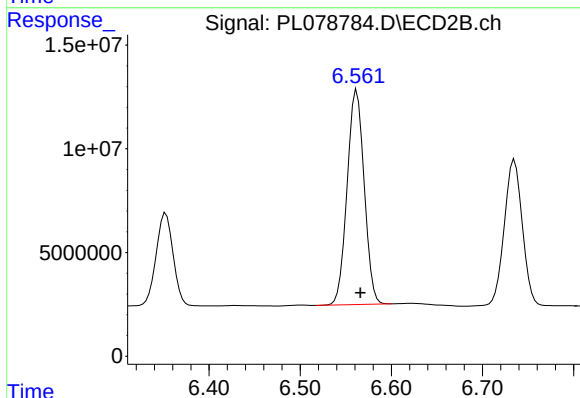
#21 Endrin ketone

R.T.: 7.431 min  
Delta R.T.: -0.002 min  
Response: 82327648  
Conc: 43.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

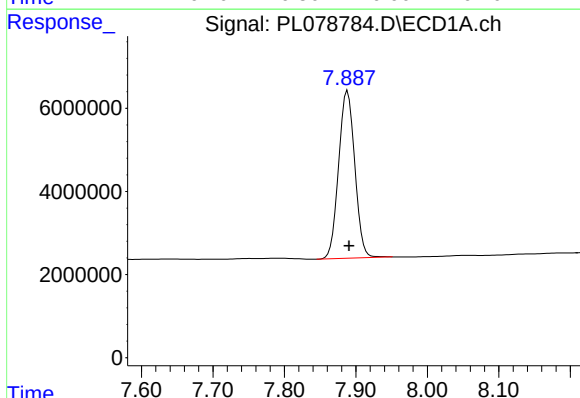
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/04/2022  
Supervised By :Ankita Jodhani 11/04/2022



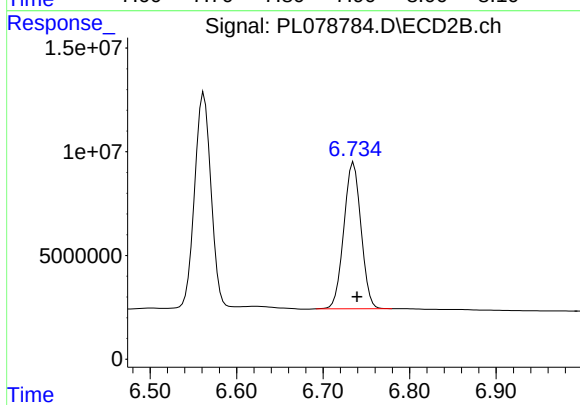
#21 Endrin ketone

R.T.: 6.562 min  
Delta R.T.: -0.004 min  
Response: 134550899  
Conc: 52.06 ng/ml



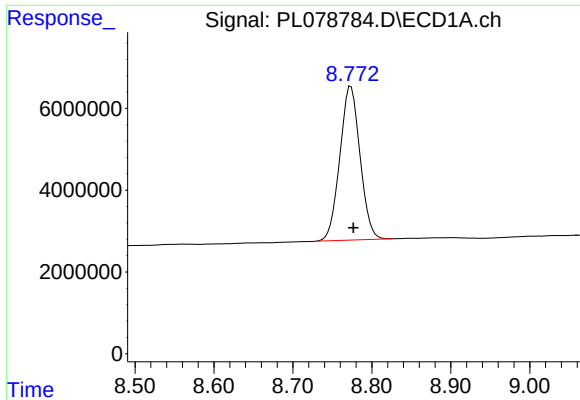
#22 Mirex

R.T.: 7.888 min  
Delta R.T.: -0.002 min  
Response: 63304206  
Conc: 43.36 ng/ml



#22 Mirex

R.T.: 6.735 min  
Delta R.T.: -0.004 min  
Response: 96881390  
Conc: 49.23 ng/ml



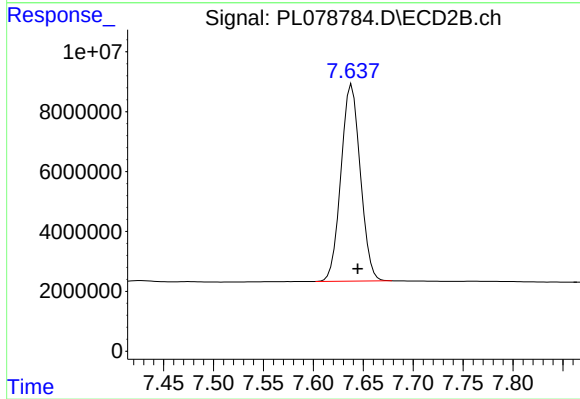
#28 Decachlorobiphenyl

R.T.: 8.773 min  
Delta R.T.: -0.003 min  
Response: 66786009  
Conc: 44.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/04/2022  
Supervised By :Ankita Jodhani 11/04/2022



#28 Decachlorobiphenyl

R.T.: 7.638 min  
Delta R.T.: -0.006 min  
Response: 88721619  
Conc: 46.84 ng/ml