

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031623\  
 Data File : PL081529.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2023 22:46  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 03/17/2023  
 Supervised By :Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 17 00:38:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 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... | 3.331 | 2.661 | 105.4E6  | 99527562 | 48.804  | 49.178  |
| 28)                         | SA Decachlor... | 8.755 | 7.781 | 75382834 | 95750615 | 49.446  | 49.986  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.780 | 3.160 | 156.9E6  | 142.6E6  | 49.307  | 48.657  |
| 3)                          | MA gamma-BHC... | 4.108 | 3.488 | 145.5E6  | 133.0E6  | 49.196  | 48.328  |
| 4)                          | MA Heptachlor   | 4.688 | 3.822 | 134.6E6  | 131.9E6  | 48.768  | 47.808  |
| 5)                          | MB Aldrin       | 5.025 | 4.100 | 127.0E6  | 128.3E6  | 49.920  | 48.936  |
| 6)                          | B beta-BHC      | 4.311 | 3.787 | 65123527 | 56387641 | 47.312  | 48.584  |
| 7)                          | B delta-BHC     | 4.552 | 4.015 | 139.8E6  | 128.0E6  | 50.310  | 50.251  |
| 8)                          | B Heptachlo...  | 5.451 | 4.601 | 118.8E6  | 118.9E6  | 50.348  | 49.153  |
| 9)                          | A Endosulfan I  | 5.832 | 4.969 | 107.0E6  | 108.3E6  | 50.642  | 47.837  |
| 10)                         | B gamma-Chl...  | 5.706 | 4.850 | 120.0E6  | 119.4E6  | 52.595  | 48.790  |
| 11)                         | B alpha-Chl...  | 5.784 | 4.914 | 115.5E6  | 118.7E6  | 51.264  | 48.493  |
| 12)                         | B 4,4'-DDE      | 5.962 | 5.103 | 98852631 | 98921524 | 50.523  | 50.397m |
| 13)                         | MA Dieldrin     | 6.106 | 5.234 | 106.3E6  | 110.6E6  | 50.781m | 49.077  |
| 14)                         | MA Endrin       | 6.334 | 5.509 | 83817618 | 90364141 | 46.118  | 44.965  |
| 15)                         | B Endosulfa...  | 6.556 | 5.803 | 87025160 | 92027039 | 49.914  | 49.914m |
| 16)                         | A 4,4'-DDD      | 6.478 | 5.658 | 82466476 | 84760996 | 53.571  | 55.251m |
| 17)                         | MA 4,4'-DDT     | 6.788 | 5.909 | 76442825 | 78699285 | 48.159  | 49.055  |
| 18)                         | B Endrin al...  | 6.685 | 5.985 | 72656505 | 75528730 | 50.761m | 49.852  |
| 19)                         | B Endosulfa...  | 6.920 | 6.207 | 88601917 | 95013032 | 49.347  | 49.433m |
| 20)                         | A Methoxychlor  | 7.269 | 6.489 | 40653814 | 41236223 | 47.197  | 44.431  |
| 21)                         | B Endrin ke...  | 7.400 | 6.712 | 96062909 | 110.4E6  | 52.956  | 51.290m |
| 22)                         | Mirex           | 7.864 | 6.886 | 73575398 | 91504338 | 50.425  | 47.544  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031623\  
 Data File : PL081529.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2023 22:46  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

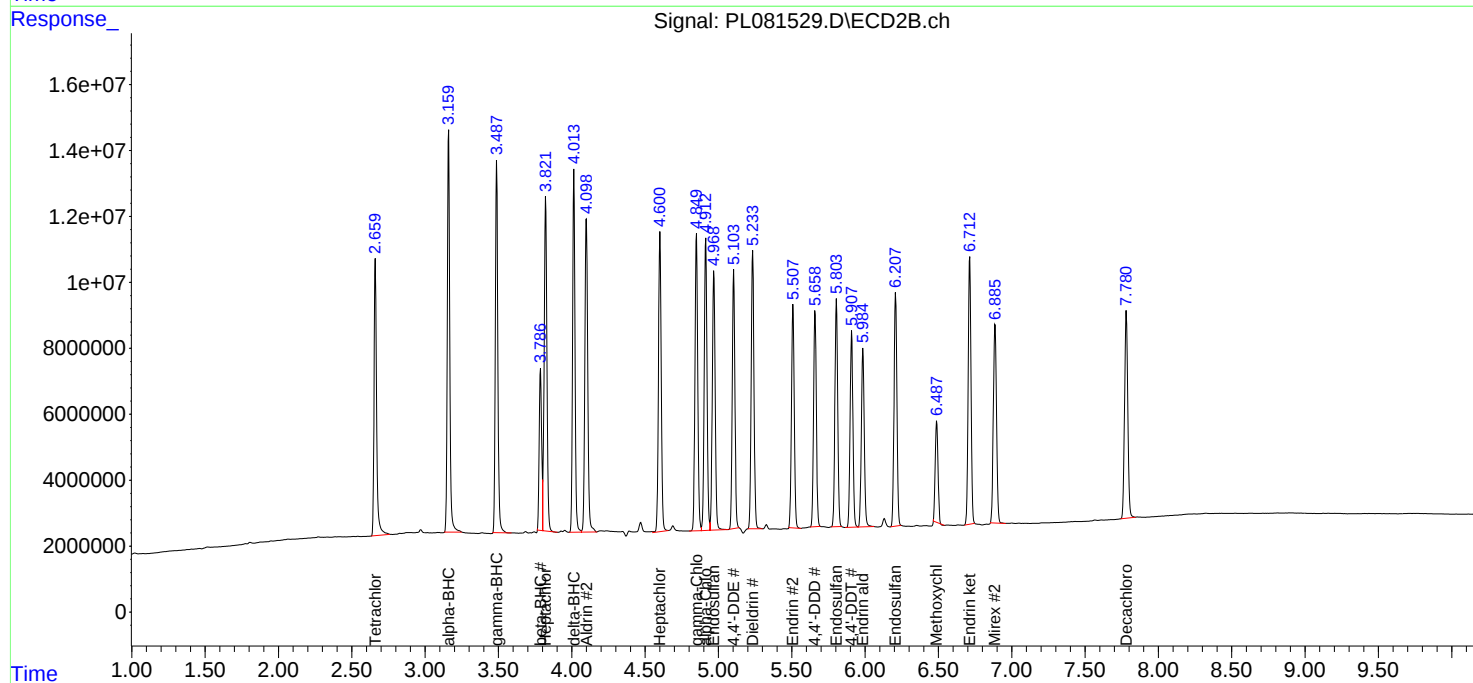
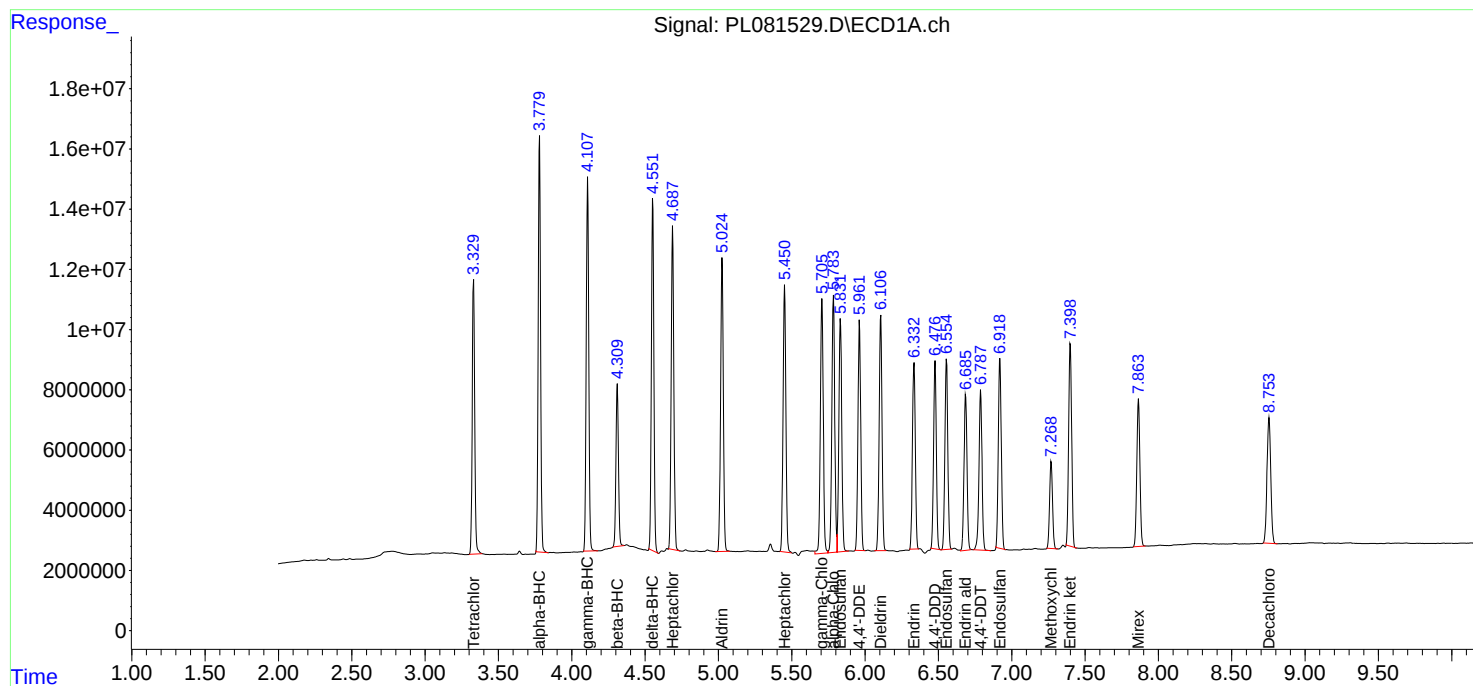
## APPROVED

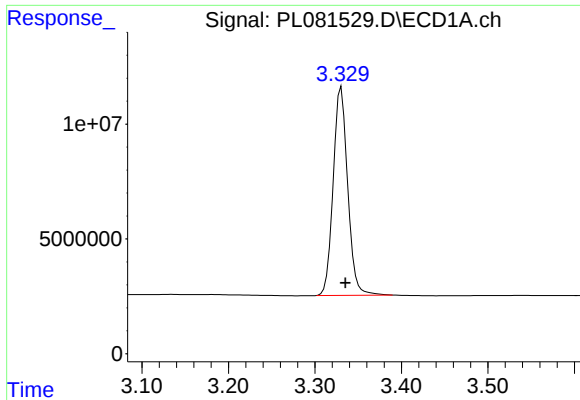
Reviewed By :Abdul Mirza 03/17/2023

Supervised By :Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 17 00:38:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 2023  
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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





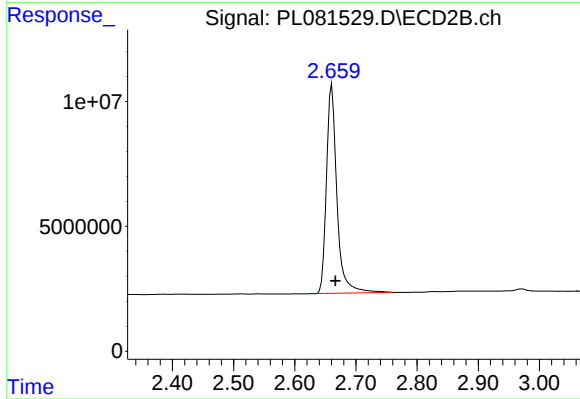
#1 Tetrachloro-m-xylene

R.T.: 3.331 min  
Delta R.T.: -0.004 min  
Response: 105443895  
Conc: 48.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

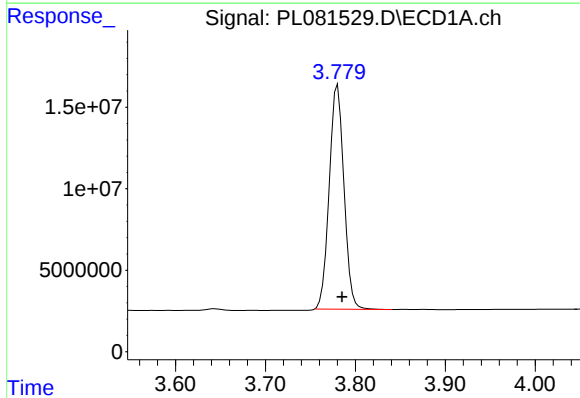
Manual Integrations  
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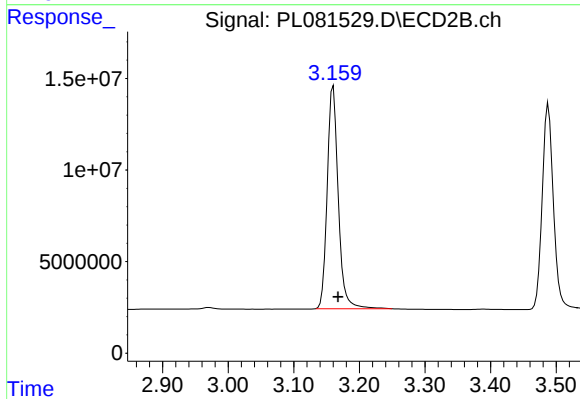
#1 Tetrachloro-m-xylene

R.T.: 2.661 min  
Delta R.T.: -0.006 min  
Response: 99527562  
Conc: 49.18 ng/ml



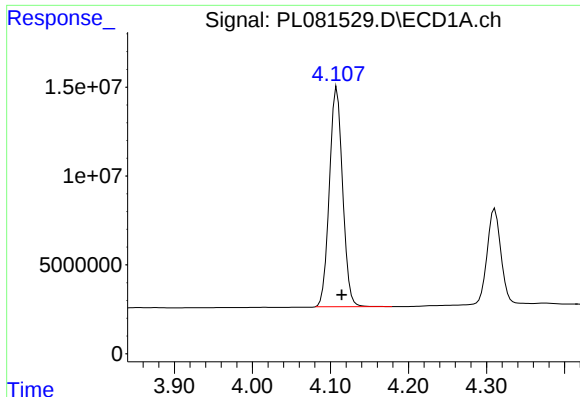
#2 alpha-BHC

R.T.: 3.780 min  
Delta R.T.: -0.005 min  
Response: 156859513  
Conc: 49.31 ng/ml



#2 alpha-BHC

R.T.: 3.160 min  
Delta R.T.: -0.007 min  
Response: 142597102  
Conc: 48.66 ng/ml



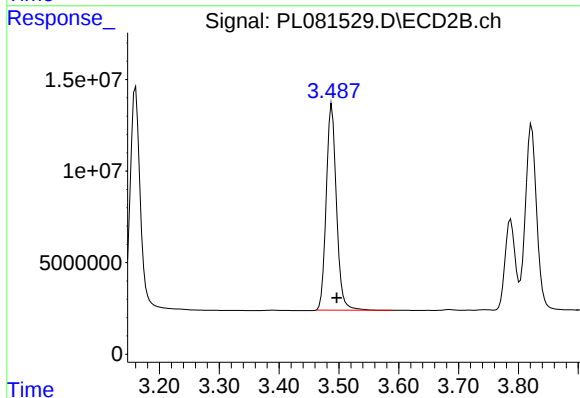
#3 gamma-BHC (Lindane)

R.T.: 4.108 min  
Delta R.T.: -0.006 min  
Response: 145549018  
Conc: 49.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

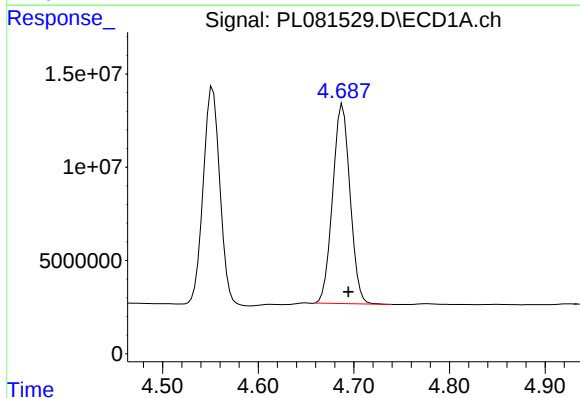
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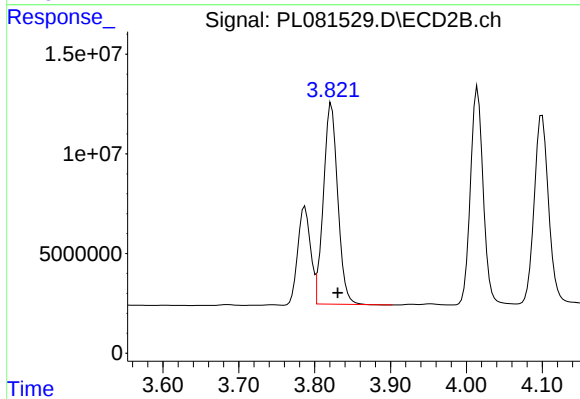
#3 gamma-BHC (Lindane)

R.T.: 3.488 min  
Delta R.T.: -0.008 min  
Response: 132953536  
Conc: 48.33 ng/ml



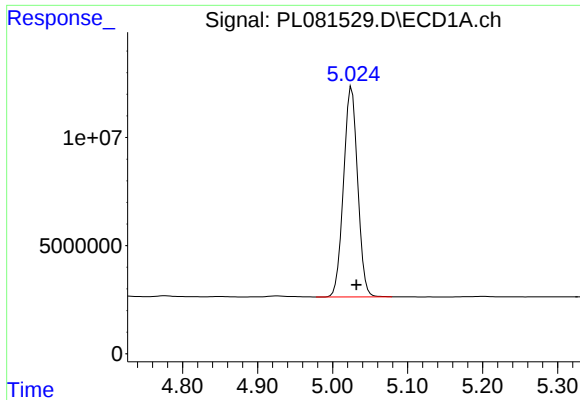
#4 Heptachlor

R.T.: 4.688 min  
Delta R.T.: -0.006 min  
Response: 134569744  
Conc: 48.77 ng/ml



#4 Heptachlor

R.T.: 3.822 min  
Delta R.T.: -0.009 min  
Response: 131926475  
Conc: 47.81 ng/ml



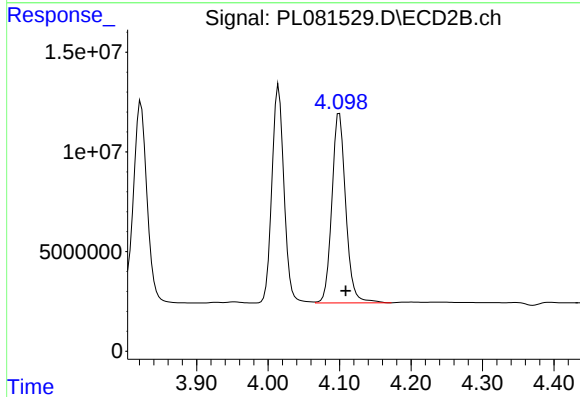
#5 Aldrin

R.T.: 5.025 min  
Delta R.T.: -0.006 min  
Response: 127004721  
Conc: 49.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

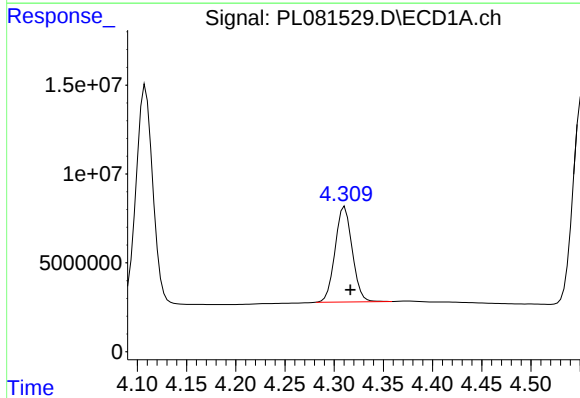
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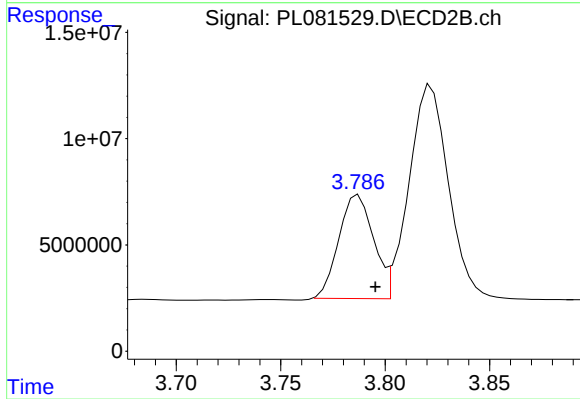
#5 Aldrin

R.T.: 4.100 min  
Delta R.T.: -0.009 min  
Response: 128296445  
Conc: 48.94 ng/ml



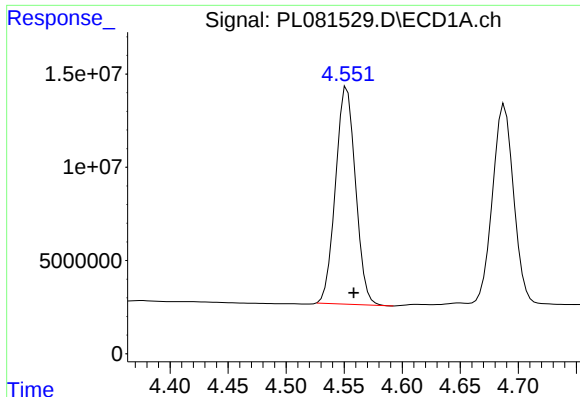
#6 beta-BHC

R.T.: 4.311 min  
Delta R.T.: -0.006 min  
Response: 65123527  
Conc: 47.31 ng/ml



#6 beta-BHC

R.T.: 3.787 min  
Delta R.T.: -0.008 min  
Response: 56387641  
Conc: 48.58 ng/ml



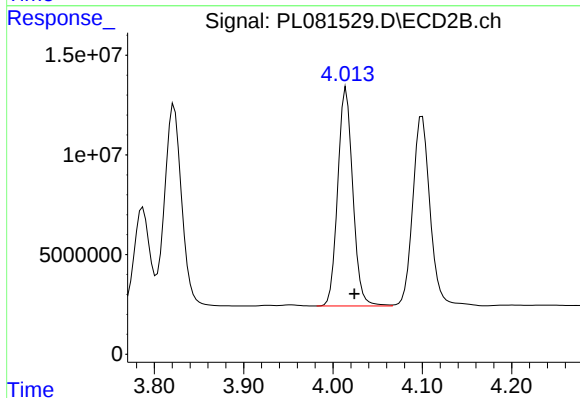
#7 delta-BHC

R.T.: 4.552 min  
Delta R.T.: -0.006 min  
Response: 139819768  
Conc: 50.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

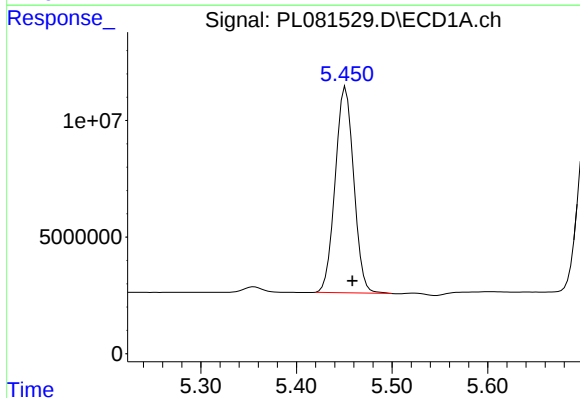
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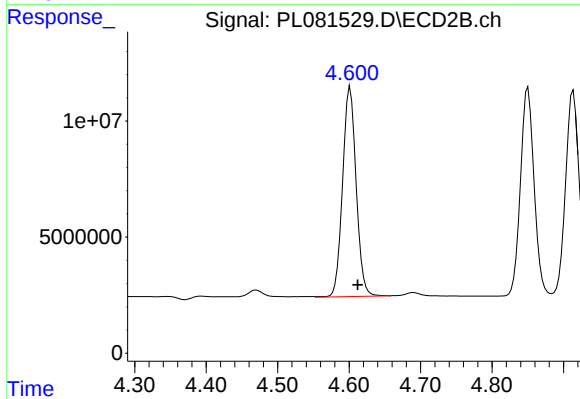
#7 delta-BHC

R.T.: 4.015 min  
Delta R.T.: -0.009 min  
Response: 127970722  
Conc: 50.25 ng/ml



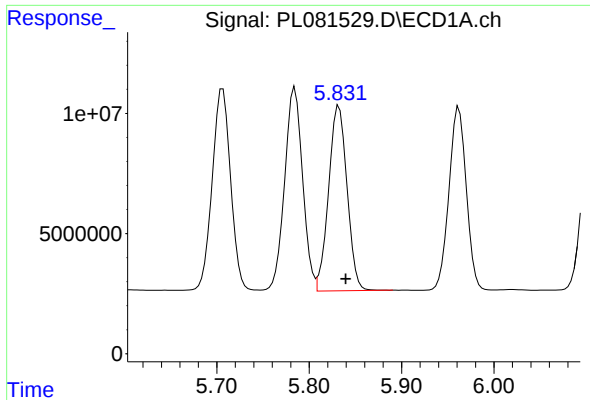
#8 Heptachlor epoxide

R.T.: 5.451 min  
Delta R.T.: -0.007 min  
Response: 118822399  
Conc: 50.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.601 min  
Delta R.T.: -0.011 min  
Response: 118856565  
Conc: 49.15 ng/ml



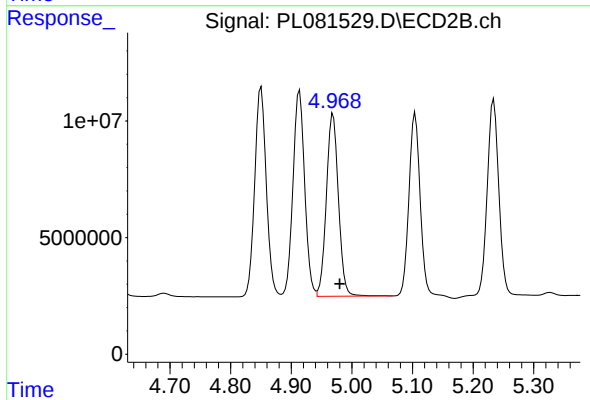
#9 Endosulfan I

R.T.: 5.832 min  
Delta R.T.: -0.007 min  
Response: 106992241  
Conc: 50.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

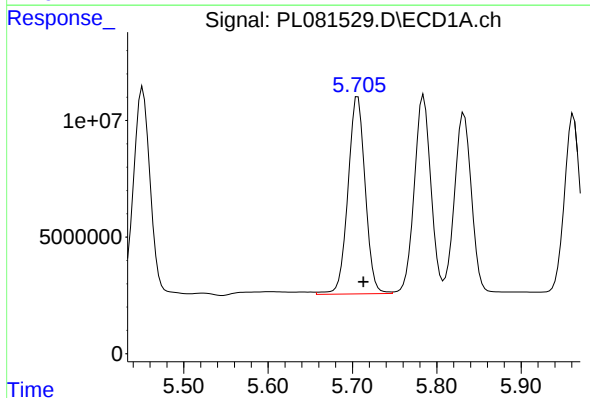
Manual Integrations  
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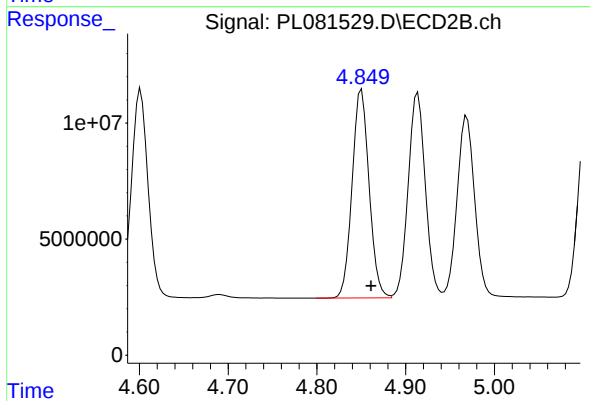
#9 Endosulfan I

R.T.: 4.969 min  
Delta R.T.: -0.011 min  
Response: 108287168  
Conc: 47.84 ng/ml



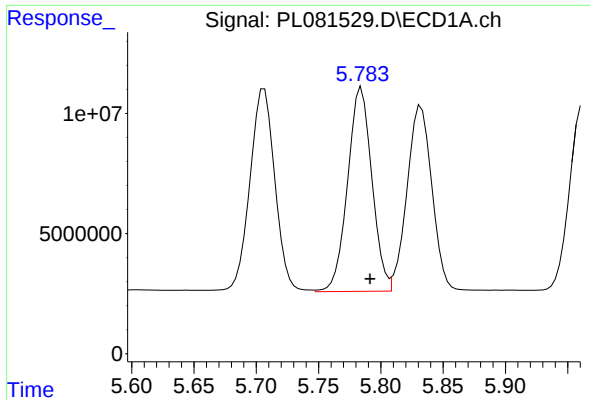
#10 gamma-Chlordane

R.T.: 5.706 min  
Delta R.T.: -0.007 min  
Response: 120015885  
Conc: 52.59 ng/ml



#10 gamma-Chlordane

R.T.: 4.850 min  
Delta R.T.: -0.011 min  
Response: 119425258  
Conc: 48.79 ng/ml



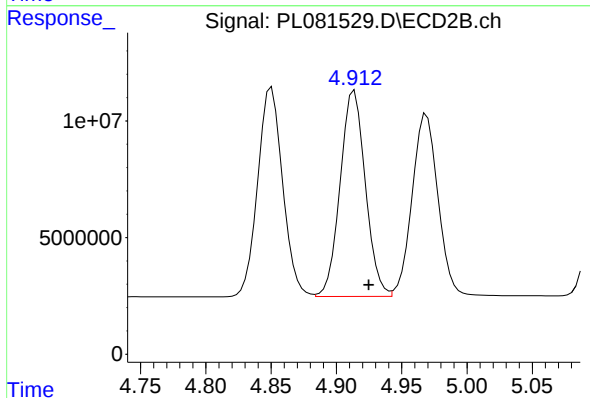
#11 alpha-Chlordane

R.T.: 5.784 min  
Delta R.T.: -0.007 min  
Response: 115495045  
Conc: 51.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

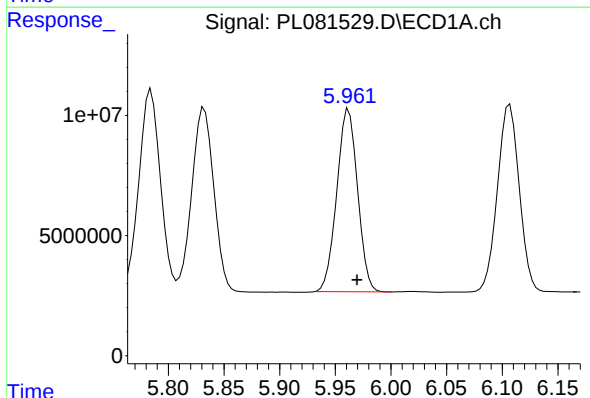
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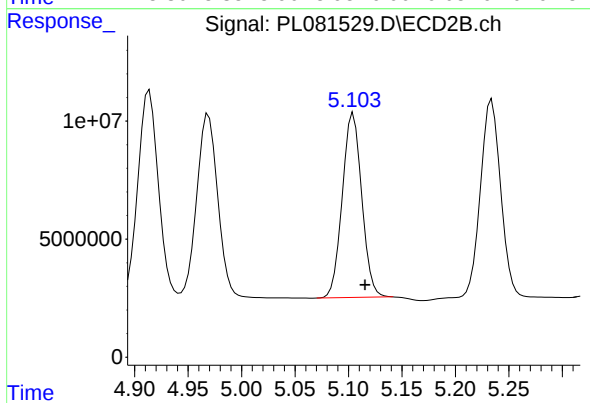
#11 alpha-Chlordane

R.T.: 4.914 min  
Delta R.T.: -0.011 min  
Response: 118736898  
Conc: 48.49 ng/ml



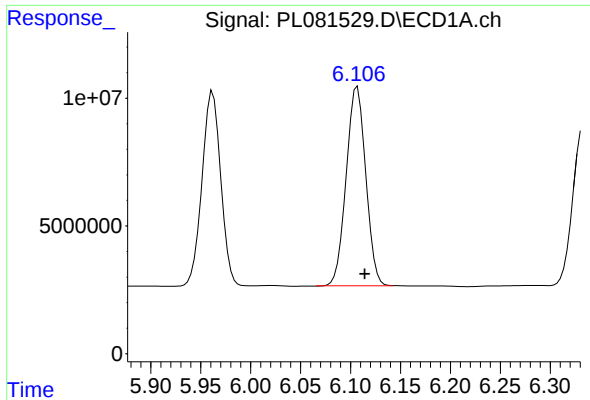
#12 4,4'-DDE

R.T.: 5.962 min  
Delta R.T.: -0.008 min  
Response: 98852631  
Conc: 50.52 ng/ml



#12 4,4'-DDE

R.T.: 5.103 min  
Delta R.T.: -0.012 min  
Response: 98921524  
Conc: 50.40 ng/ml m



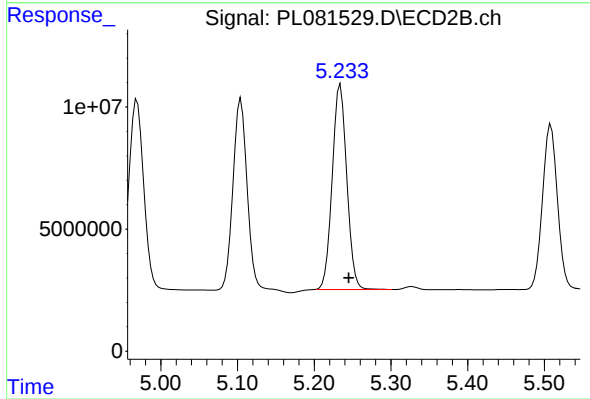
#13 Dieldrin

R.T.: 6.106 min  
Delta R.T.: -0.009 min  
Response: 106285070  
Conc: 50.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

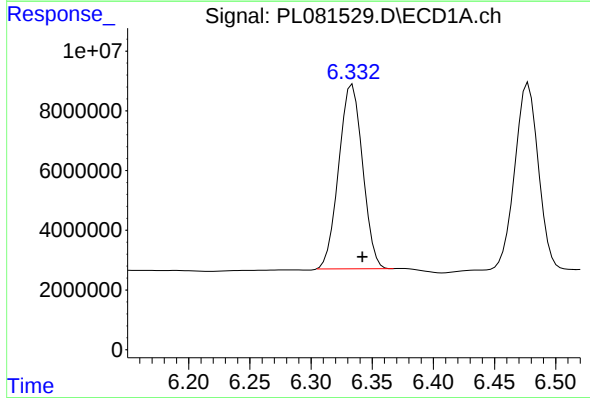
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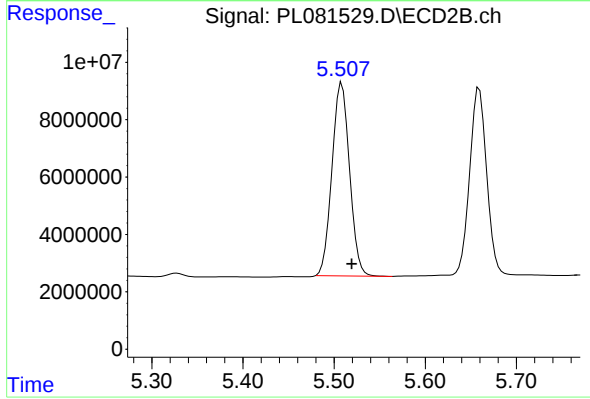
#13 Dieldrin

R.T.: 5.234 min  
Delta R.T.: -0.011 min  
Response: 110637521  
Conc: 49.08 ng/ml



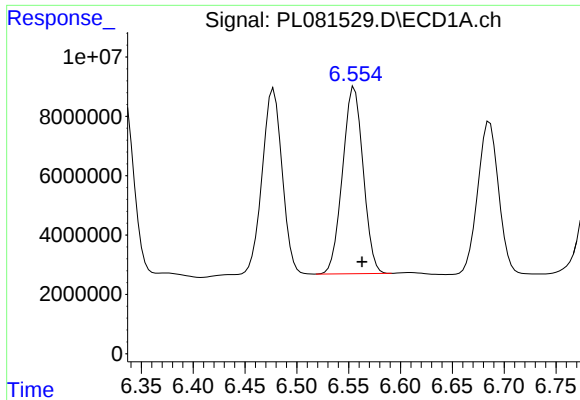
#14 Endrin

R.T.: 6.334 min  
Delta R.T.: -0.008 min  
Response: 83817618  
Conc: 46.12 ng/ml



#14 Endrin

R.T.: 5.509 min  
Delta R.T.: -0.011 min  
Response: 90364141  
Conc: 44.97 ng/ml



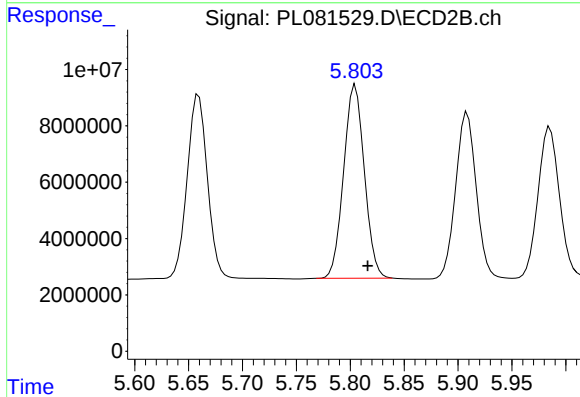
#15 Endosulfan II

R.T.: 6.556 min  
Delta R.T.: -0.008 min  
Response: 87025160  
Conc: 49.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

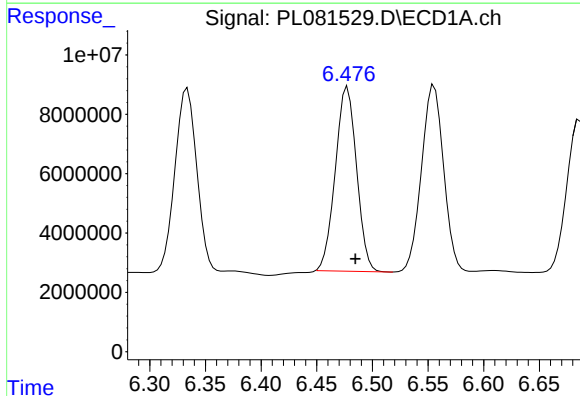
Manual Integrations  
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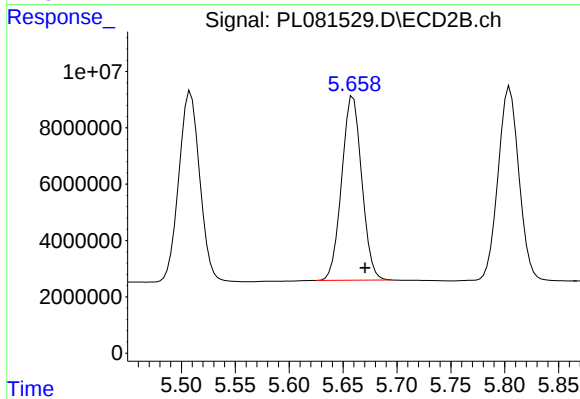
#15 Endosulfan II

R.T.: 5.803 min  
Delta R.T.: -0.013 min  
Response: 92027039  
Conc: 49.91 ng/ml m



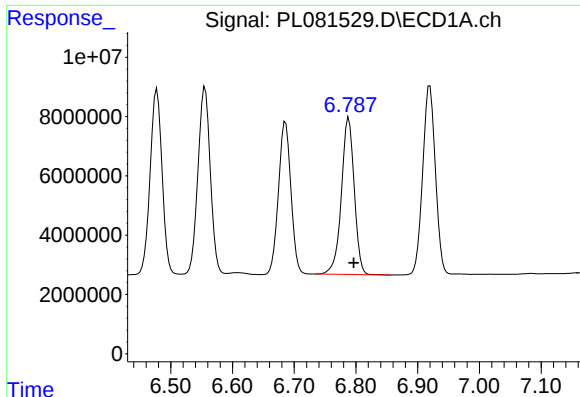
#16 4,4'-DDD

R.T.: 6.478 min  
Delta R.T.: -0.007 min  
Response: 82466476  
Conc: 53.57 ng/ml



#16 4,4'-DDD

R.T.: 5.658 min  
Delta R.T.: -0.013 min  
Response: 84760996  
Conc: 55.25 ng/ml m



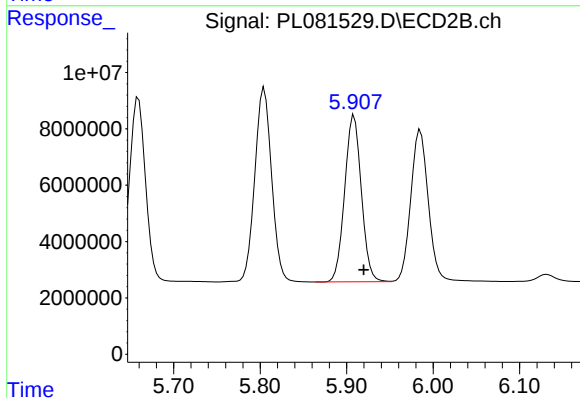
#17 4,4'-DDT

R.T.: 6.788 min  
Delta R.T.: -0.008 min  
Response: 76442825  
Conc: 48.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

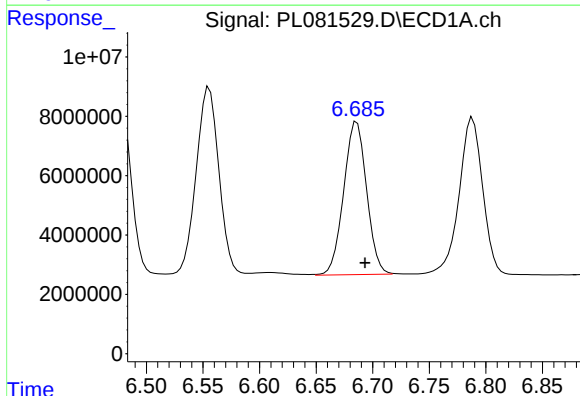
Manual Integrations  
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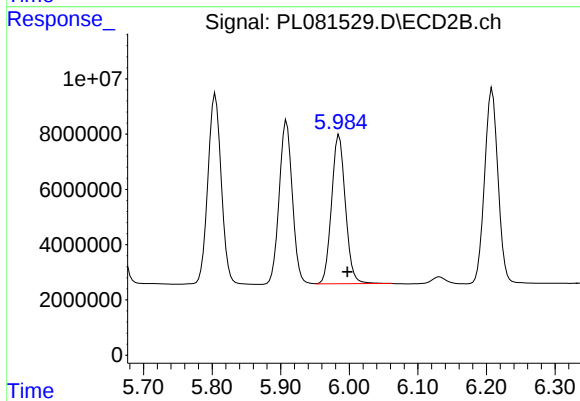
#17 4,4'-DDT

R.T.: 5.909 min  
Delta R.T.: -0.011 min  
Response: 78699285  
Conc: 49.05 ng/ml



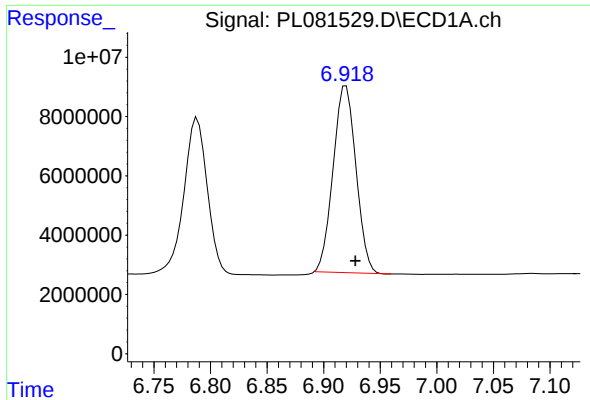
#18 Endrin aldehyde

R.T.: 6.685 min  
Delta R.T.: -0.009 min  
Response: 72656505  
Conc: 50.76 ng/ml m



#18 Endrin aldehyde

R.T.: 5.985 min  
Delta R.T.: -0.012 min  
Response: 75528730  
Conc: 49.85 ng/ml



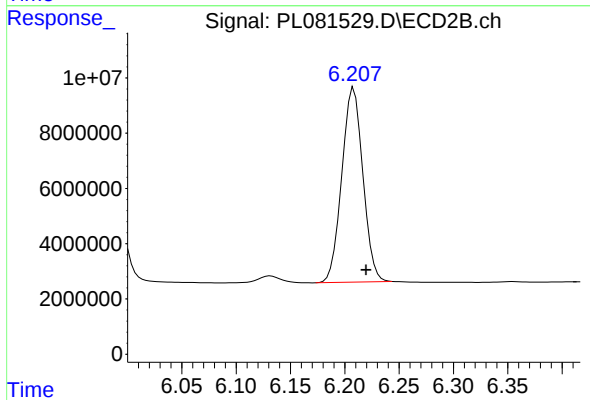
#19 Endosulfan Sulfate

R.T.: 6.920 min  
Delta R.T.: -0.008 min  
Response: 88601917  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

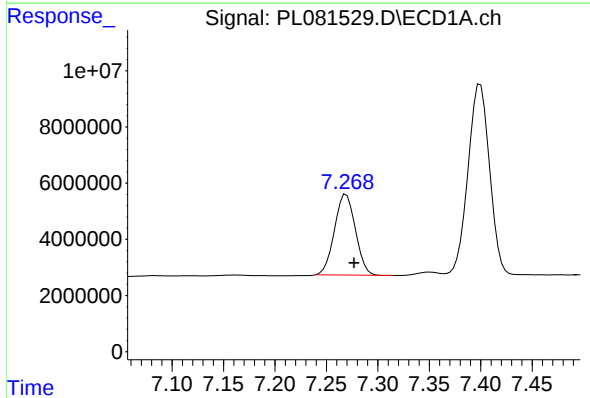
Manual Integrations  
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Reviewed By :Abdul Mirza 03/17/2023  
Supervised By :Ankita Jodhani 03/17/2023



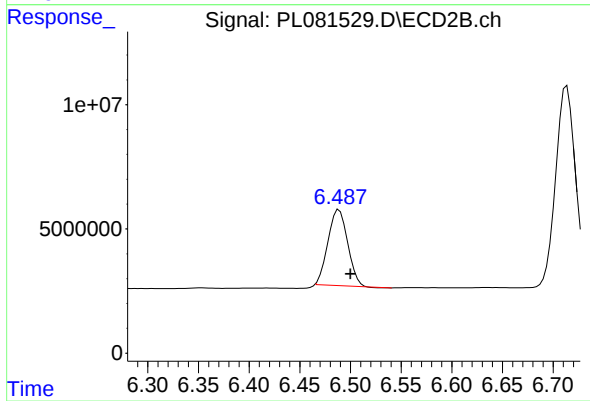
#19 Endosulfan Sulfate

R.T.: 6.207 min  
Delta R.T.: -0.013 min  
Response: 95013032  
Conc: 49.43 ng/ml m



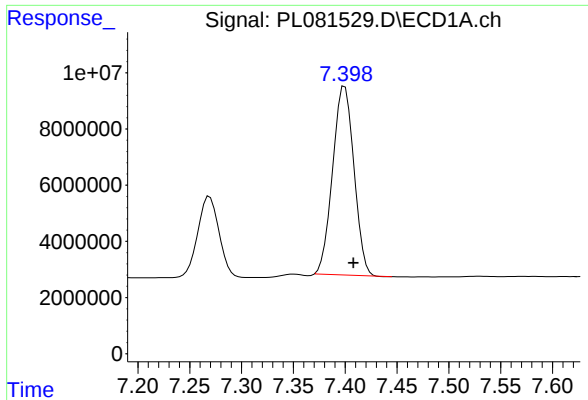
#20 Methoxychlor

R.T.: 7.269 min  
Delta R.T.: -0.008 min  
Response: 40653814  
Conc: 47.20 ng/ml



#20 Methoxychlor

R.T.: 6.489 min  
Delta R.T.: -0.011 min  
Response: 41236223  
Conc: 44.43 ng/ml



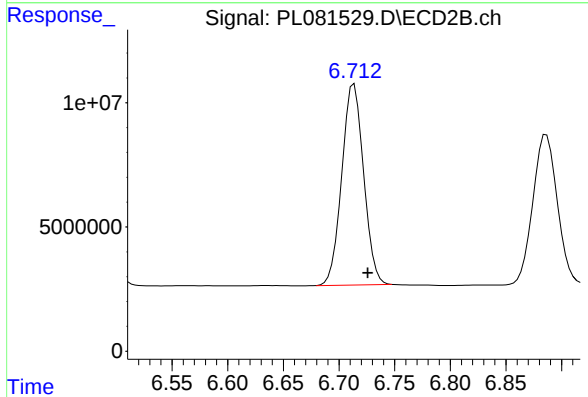
#21 Endrin ketone

R.T.: 7.400 min  
Delta R.T.: -0.009 min  
Response: 96062909  
Conc: 52.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

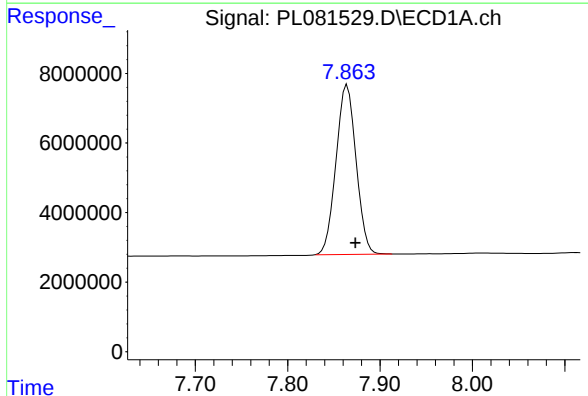
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/17/2023  
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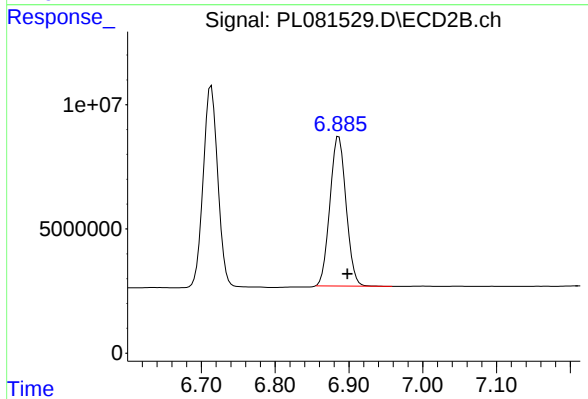
#21 Endrin ketone

R.T.: 6.712 min  
Delta R.T.: -0.014 min  
Response: 110432954  
Conc: 51.29 ng/ml m



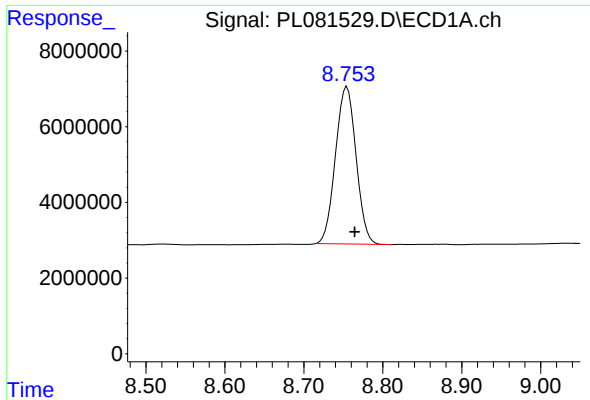
#22 Mirex

R.T.: 7.864 min  
Delta R.T.: -0.009 min  
Response: 73575398  
Conc: 50.42 ng/ml



#22 Mirex

R.T.: 6.886 min  
Delta R.T.: -0.012 min  
Response: 91504338  
Conc: 47.54 ng/ml



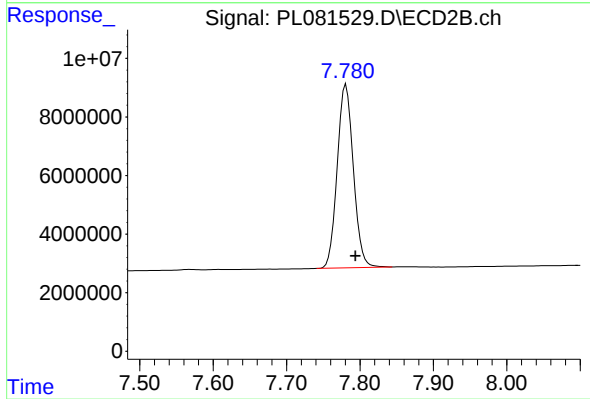
#28 Decachlorobiphenyl

R.T.: 8.755 min  
Delta R.T.: -0.010 min  
Response: 75382834  
Conc: 49.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/17/2023  
Supervised By :Ankita Jodhani 03/17/2023



#28 Decachlorobiphenyl

R.T.: 7.781 min  
Delta R.T.: -0.013 min  
Response: 95750615  
Conc: 49.99 ng/ml