

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051424\  
 Data File : PL089519.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2024 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 05/15/2024  
 Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 15 00:42:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 2024  
 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... | 3.556 | 2.800 | 103.1E6  | 73099720 | 51.221  | 56.974 |
| 28)                         | SA Decachlor... | 9.067 | 7.946 | 64798208 | 67852686 | 46.317  | 50.441 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.010 | 3.303 | 146.9E6  | 112.1E6  | 51.496  | 59.428 |
| 3)                          | MA gamma-BHC... | 4.342 | 3.634 | 140.9E6  | 108.9E6  | 50.600  | 58.993 |
| 4)                          | MA Heptachlor   | 4.931 | 3.975 | 122.6E6  | 101.4E6  | 49.431  | 57.855 |
| 5)                          | MB Aldrin       | 5.273 | 4.256 | 128.4E6  | 104.7E6  | 49.985  | 59.224 |
| 6)                          | B beta-BHC      | 4.536 | 3.930 | 62150427 | 46159282 | 49.265  | 56.536 |
| 7)                          | B delta-BHC     | 4.784 | 4.161 | 131.1E6  | 105.0E6  | 49.433  | 58.334 |
| 8)                          | B Heptachlo...  | 5.697 | 4.758 | 113.7E6  | 92159317 | 48.495m | 57.002 |
| 9)                          | A Endosulfan I  | 6.083 | 5.128 | 104.4E6  | 83743675 | 48.570  | 55.915 |
| 10)                         | B gamma-Chl...  | 5.952 | 5.008 | 108.9E6  | 93345734 | 47.634m | 56.886 |
| 11)                         | B alpha-Chl...  | 6.031 | 5.073 | 108.2E6  | 93639457 | 47.587m | 56.779 |
| 12)                         | B 4,4'-DDE      | 6.205 | 5.261 | 97036876 | 84919940 | 47.958  | 58.405 |
| 13)                         | MA Dieldrin     | 6.358 | 5.393 | 108.1E6  | 92070910 | 48.307  | 57.233 |
| 14)                         | MA Endrin       | 6.587 | 5.669 | 92868275 | 82348840 | 49.024  | 57.279 |
| 15)                         | B Endosulfa...  | 6.804 | 5.962 | 94475601 | 79167068 | 47.337m | 55.041 |
| 16)                         | A 4,4'-DDD      | 6.720 | 5.816 | 80806595 | 70491312 | 47.899  | 57.159 |
| 17)                         | MA 4,4'-DDT     | 7.034 | 6.067 | 79416421 | 72853842 | 43.185  | 53.847 |
| 18)                         | B Endrin al...  | 6.935 | 6.142 | 71057375 | 61034459 | 46.987  | 54.872 |
| 19)                         | B Endosulfa...  | 7.169 | 6.364 | 83183791 | 75086457 | 45.987  | 54.129 |
| 20)                         | A Methoxychlor  | 7.508 | 6.643 | 41676429 | 41297052 | 42.380  | 51.648 |
| 21)                         | B Endrin ke...  | 7.654 | 6.870 | 92625791 | 86973790 | 46.275  | 54.393 |
| 22)                         | Mirex           | 8.128 | 7.053 | 70514380 | 70148227 | 45.373  | 51.420 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051424\  
Data File : PL089519.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 May 2024 16:07  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

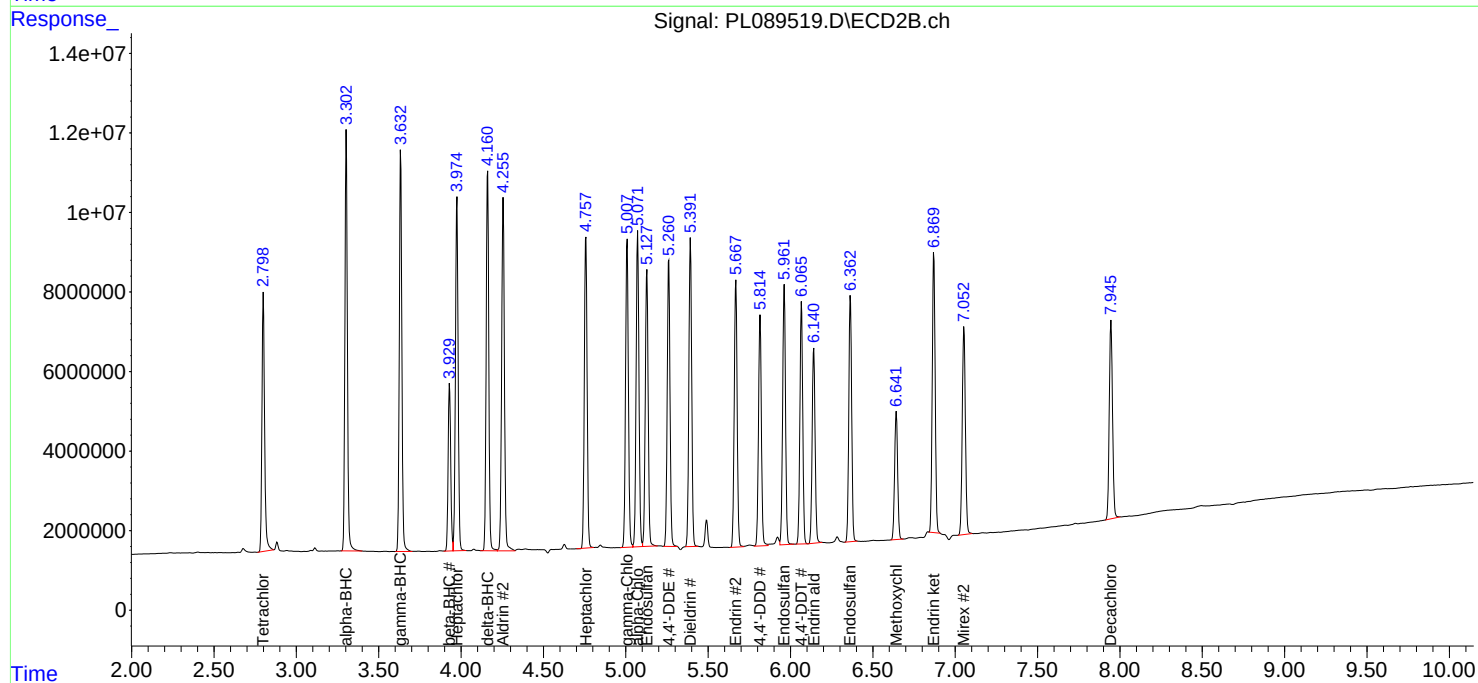
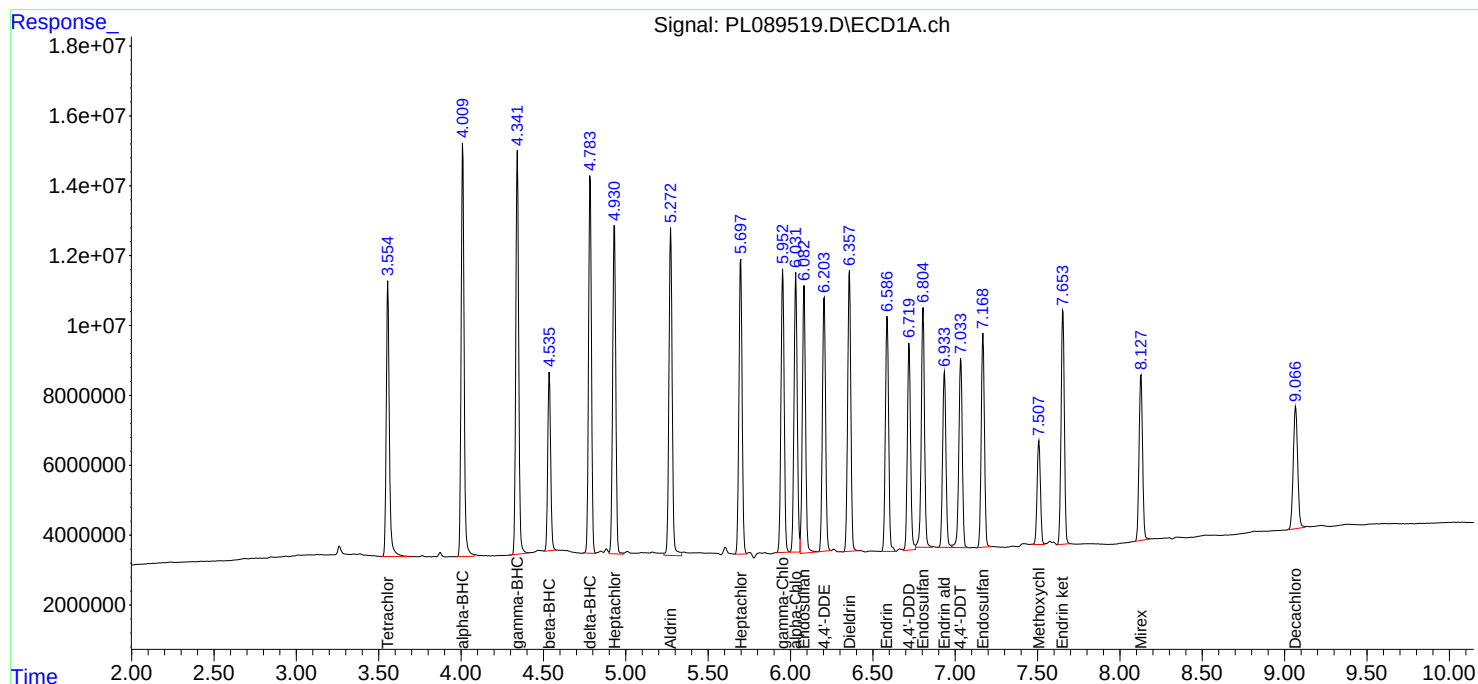
## APPROVED

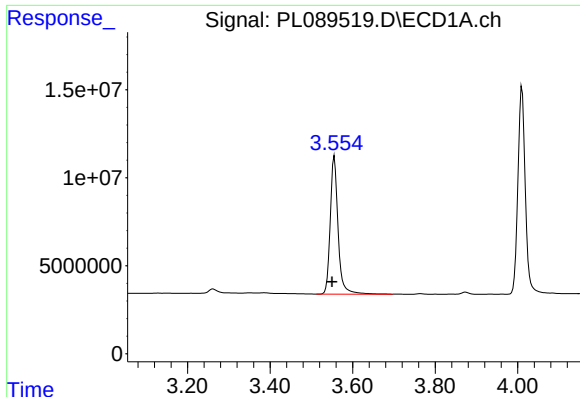
Reviewed By :Abdul Mirza 05/15/2024

Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 15 00:42:37 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 2024  
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.: 3.556 min  
Delta R.T.: 0.006 min  
Response: 103141356  
Conc: 51.22 ng/ml

Instrument :

ECD\_L

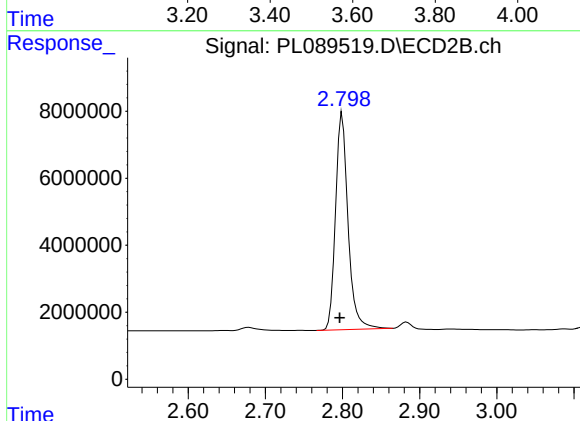
ClientSampleId :

PSTDCCC050

Manual Integrations

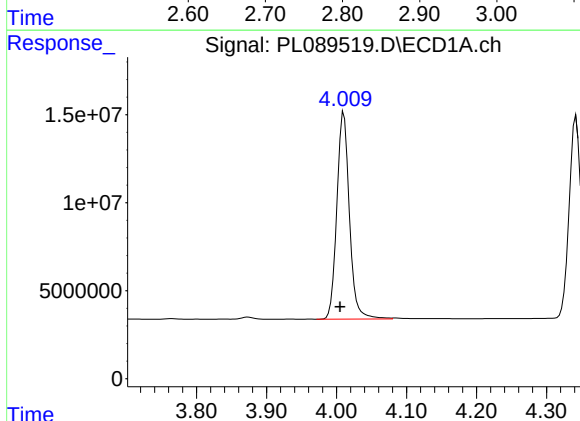
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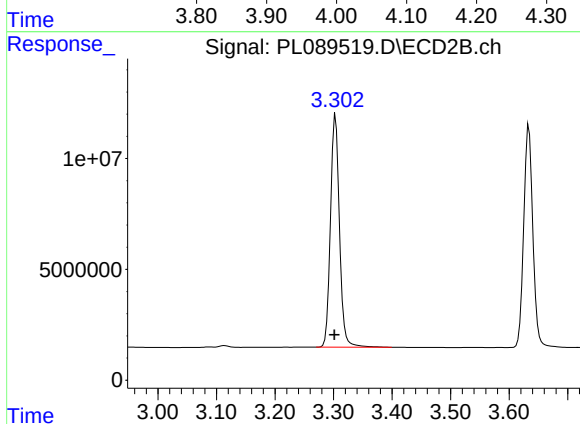
#1 Tetrachloro-m-xylene

R.T.: 2.800 min  
Delta R.T.: 0.003 min  
Response: 73099720  
Conc: 56.97 ng/ml



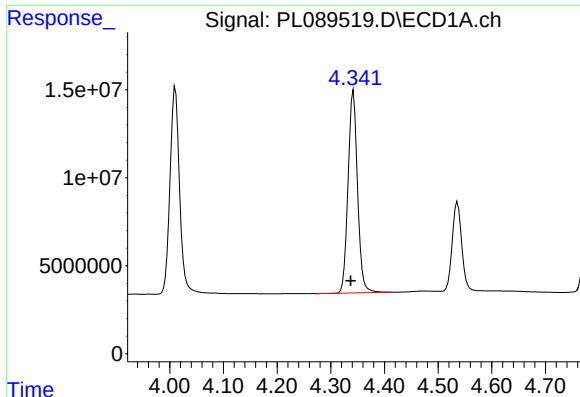
#2 alpha-BHC

R.T.: 4.010 min  
Delta R.T.: 0.006 min  
Response: 146854533  
Conc: 51.50 ng/ml



#2 alpha-BHC

R.T.: 3.303 min  
Delta R.T.: 0.002 min  
Response: 112133002  
Conc: 59.43 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.342 min  
Delta R.T.: 0.005 min  
Response: 140868543  
Conc: 50.60 ng/ml

Instrument :

ECD\_L

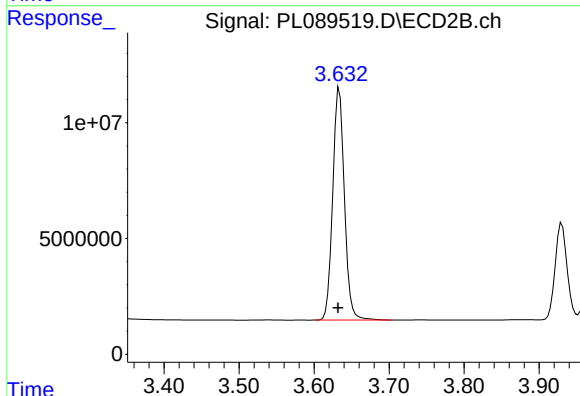
ClientSampleId :

PSTDCCC050

Manual Integrations

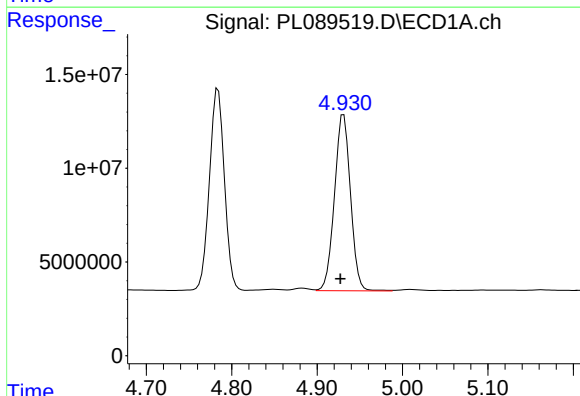
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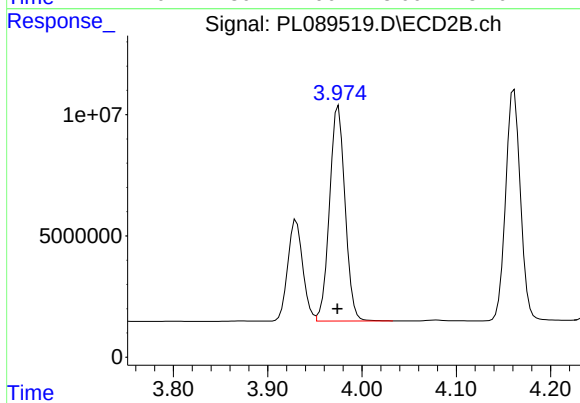
#3 gamma-BHC (Lindane)

R.T.: 3.634 min  
Delta R.T.: 0.002 min  
Response: 108856920  
Conc: 58.99 ng/ml



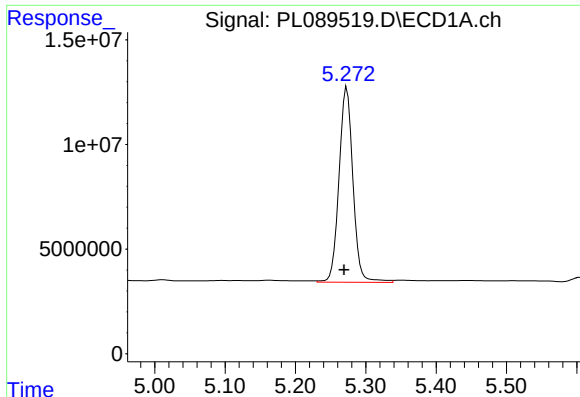
#4 Heptachlor

R.T.: 4.931 min  
Delta R.T.: 0.004 min  
Response: 122594402  
Conc: 49.43 ng/ml



#4 Heptachlor

R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 101378708  
Conc: 57.85 ng/ml



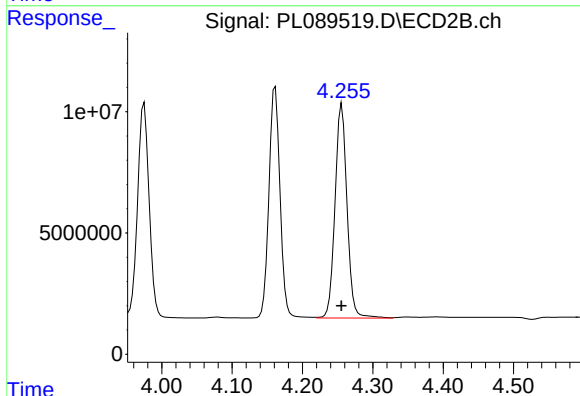
#5 Aldrin

R.T.: 5.273 min  
Delta R.T.: 0.004 min  
Response: 128373307  
Conc: 49.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

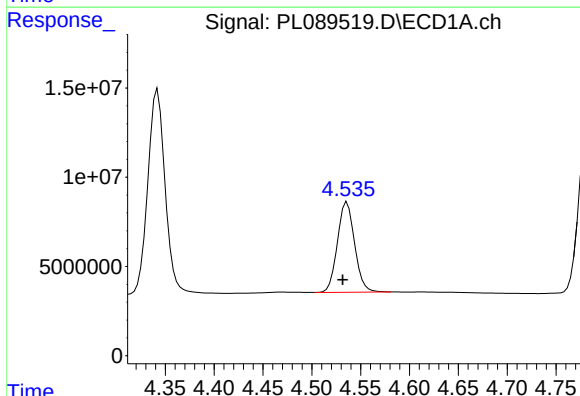
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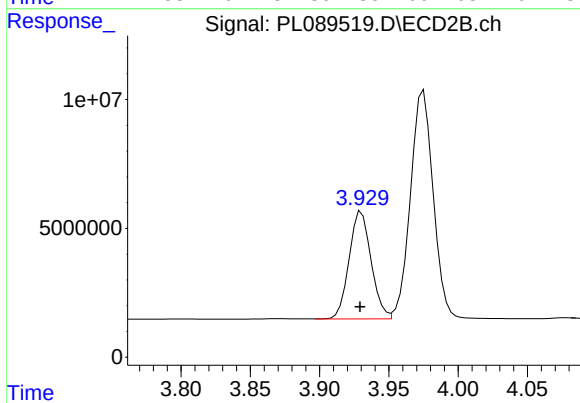
#5 Aldrin

R.T.: 4.256 min  
Delta R.T.: 0.000 min  
Response: 104697877  
Conc: 59.22 ng/ml



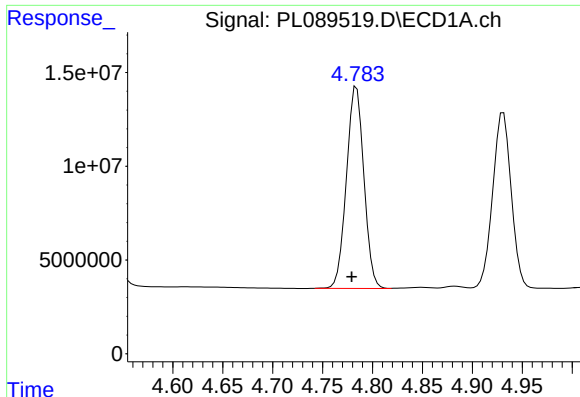
#6 beta-BHC

R.T.: 4.536 min  
Delta R.T.: 0.005 min  
Response: 62150427  
Conc: 49.26 ng/ml



#6 beta-BHC

R.T.: 3.930 min  
Delta R.T.: 0.001 min  
Response: 46159282  
Conc: 56.54 ng/ml



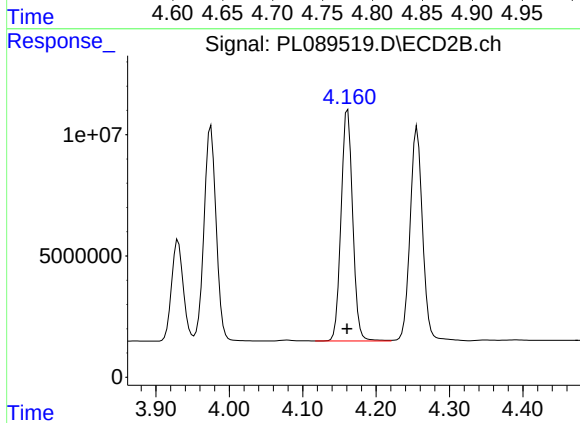
#7 delta-BHC

R.T.: 4.784 min  
Delta R.T.: 0.005 min  
Response: 131099797  
Conc: 49.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

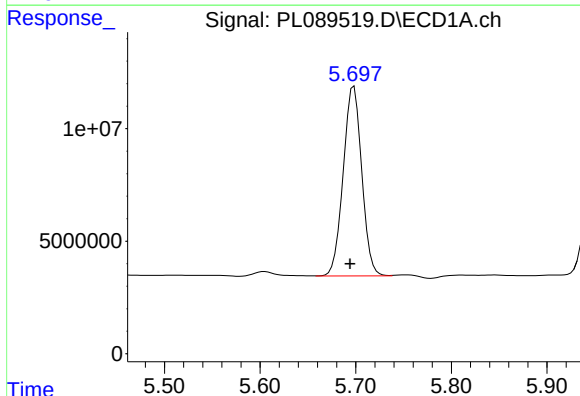
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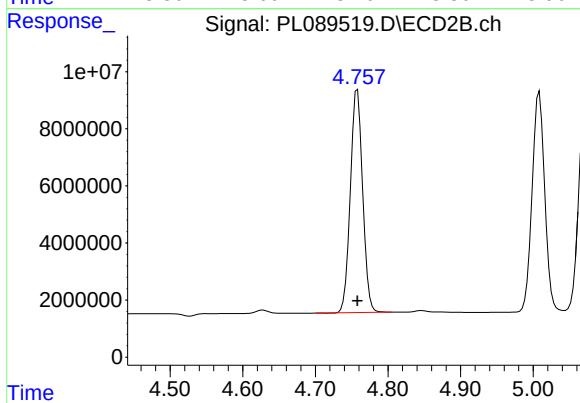
#7 delta-BHC

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 104954332  
Conc: 58.33 ng/ml



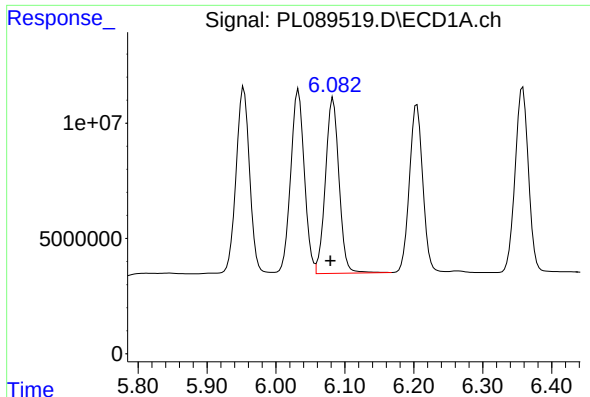
#8 Heptachlor epoxide

R.T.: 5.697 min  
Delta R.T.: 0.003 min  
Response: 113743520  
Conc: 48.50 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.758 min  
Delta R.T.: 0.000 min  
Response: 92159317  
Conc: 57.00 ng/ml



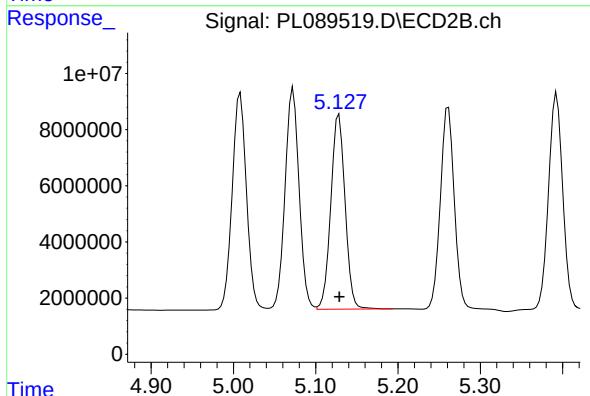
#9 Endosulfan I

R.T.: 6.083 min  
Delta R.T.: 0.004 min  
Response: 104415673  
Conc: 48.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

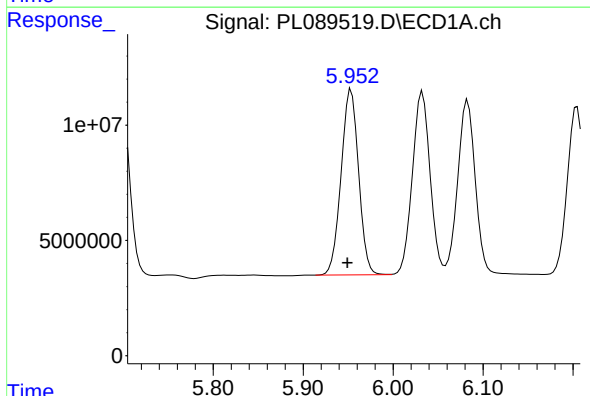
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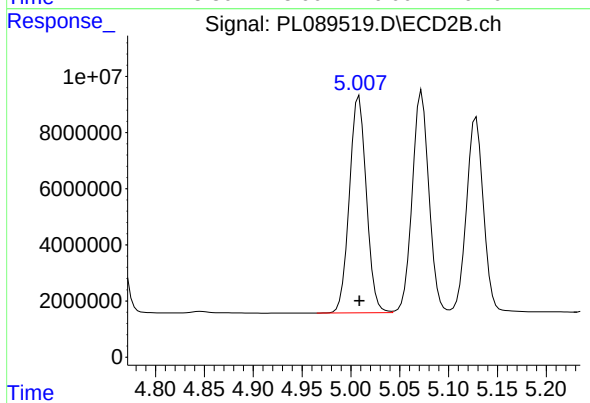
#9 Endosulfan I

R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 83743675  
Conc: 55.92 ng/ml



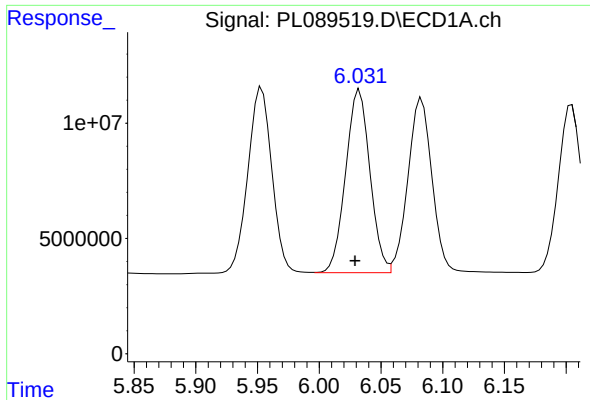
#10 gamma-Chlordane

R.T.: 5.952 min  
Delta R.T.: 0.003 min  
Response: 108886330  
Conc: 47.63 ng/ml m



#10 gamma-Chlordane

R.T.: 5.008 min  
Delta R.T.: 0.000 min  
Response: 93345734  
Conc: 56.89 ng/ml



#11 alpha-Chlordane

R.T.: 6.031 min  
Delta R.T.: 0.002 min  
Response: 108247810  
Conc: 47.59 ng/ml

Instrument :

ECD\_L

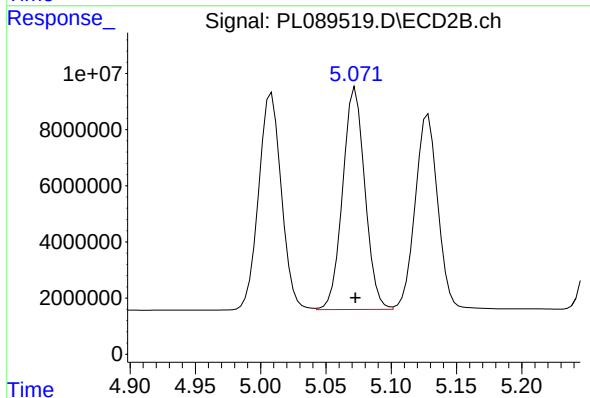
ClientSampleId :

PSTDCCC050

Manual Integrations

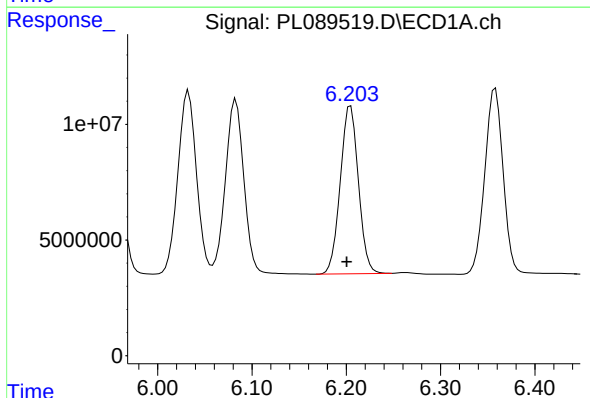
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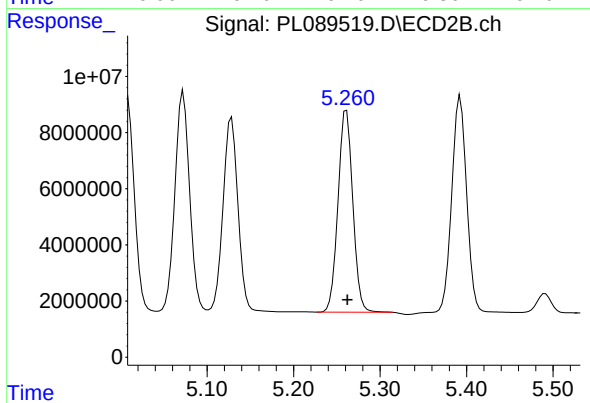
#11 alpha-Chlordane

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 93639457  
Conc: 56.78 ng/ml



#12 4,4'-DDE

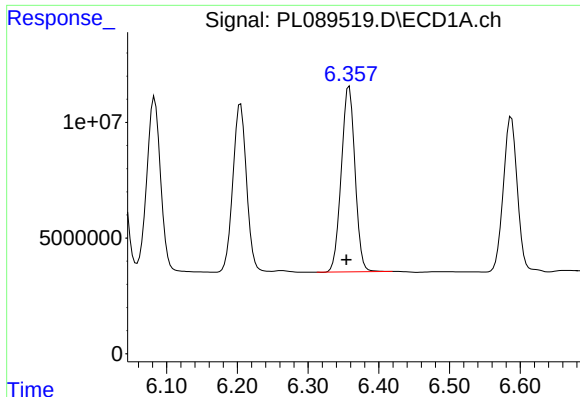
R.T.: 6.205 min  
Delta R.T.: 0.004 min  
Response: 97036876  
Conc: 47.96 ng/ml



#12 4,4'-DDE

R.T.: 5.261 min  
Delta R.T.: -0.001 min  
Response: 84919940  
Conc: 58.41 ng/ml





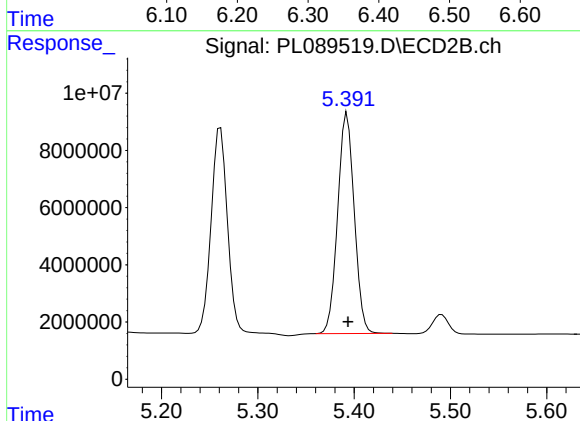
#13 Dieldrin

R.T.: 6.358 min  
Delta R.T.: 0.004 min  
Response: 108132588  
Conc: 48.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

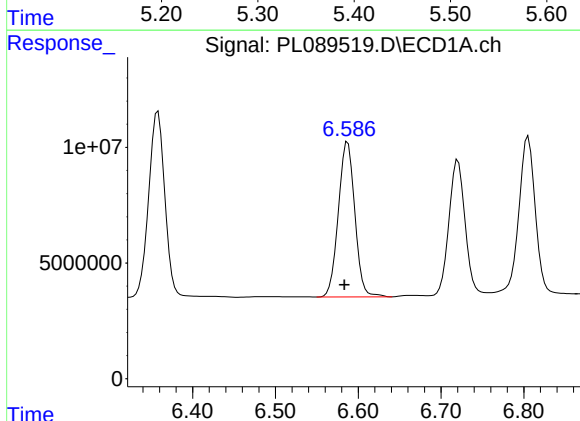
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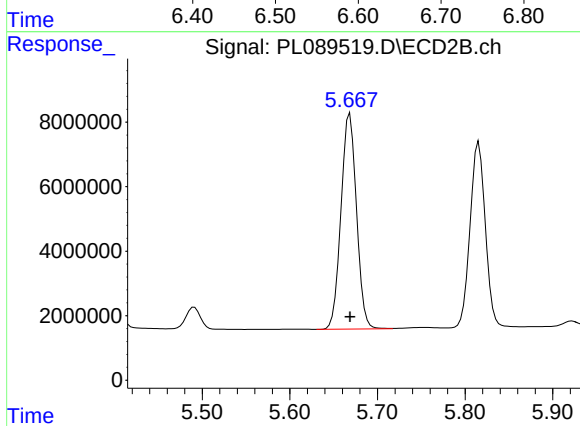
#13 Dieldrin

R.T.: 5.393 min  
Delta R.T.: 0.000 min  
Response: 92070910  
Conc: 57.23 ng/ml



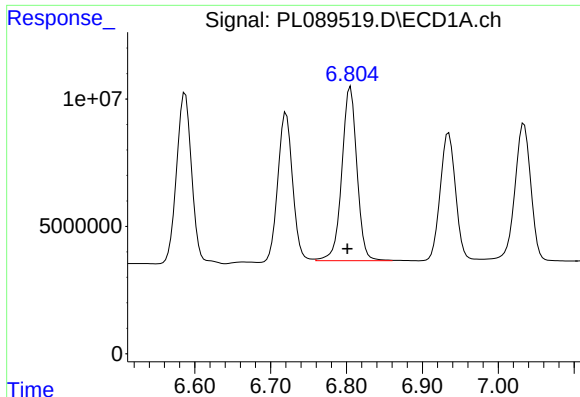
#14 Endrin

R.T.: 6.587 min  
Delta R.T.: 0.004 min  
Response: 92868275  
Conc: 49.02 ng/ml



#14 Endrin

R.T.: 5.669 min  
Delta R.T.: 0.000 min  
Response: 82348840  
Conc: 57.28 ng/ml



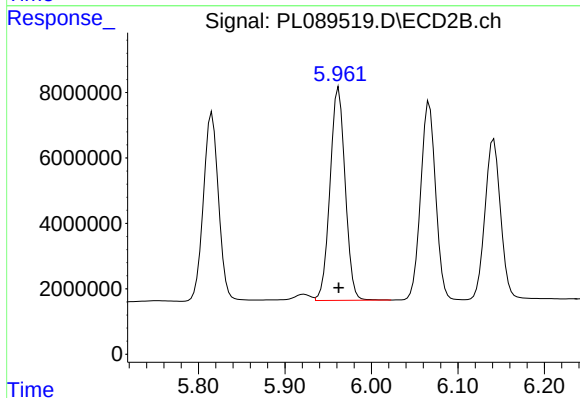
#15 Endosulfan II

R.T.: 6.804 min  
Delta R.T.: 0.003 min  
Response: 94475601  
Conc: 47.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

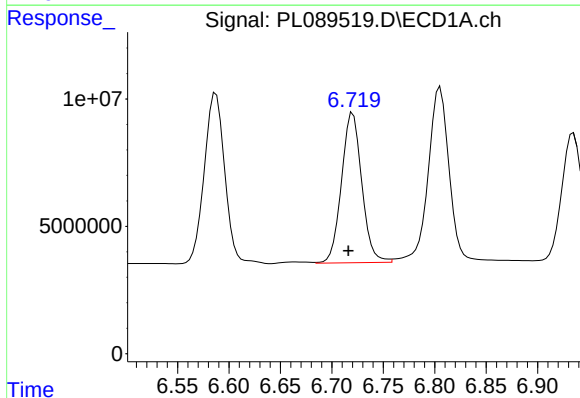
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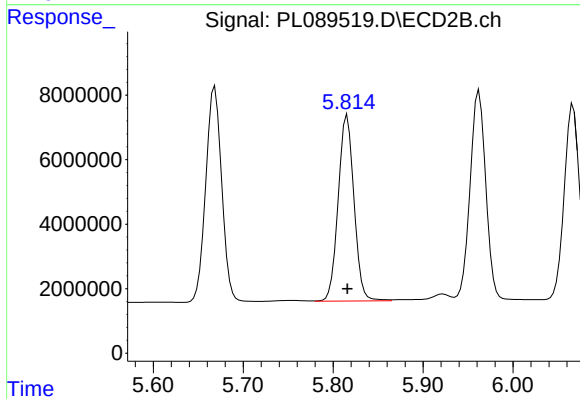
#15 Endosulfan II

R.T.: 5.962 min  
Delta R.T.: 0.000 min  
Response: 79167068  
Conc: 55.04 ng/ml



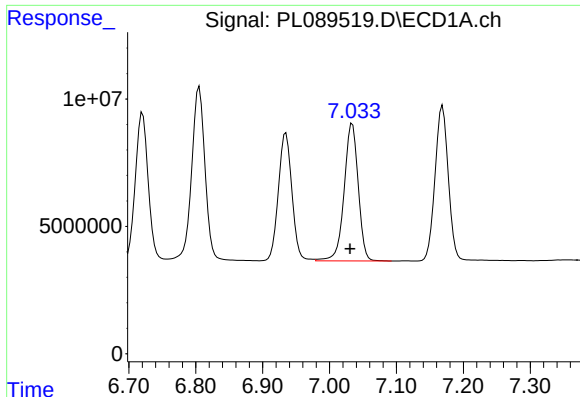
#16 4,4'-DDD

R.T.: 6.720 min  
Delta R.T.: 0.004 min  
Response: 80806595  
Conc: 47.90 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min  
Delta R.T.: 0.000 min  
Response: 70491312  
Conc: 57.16 ng/ml



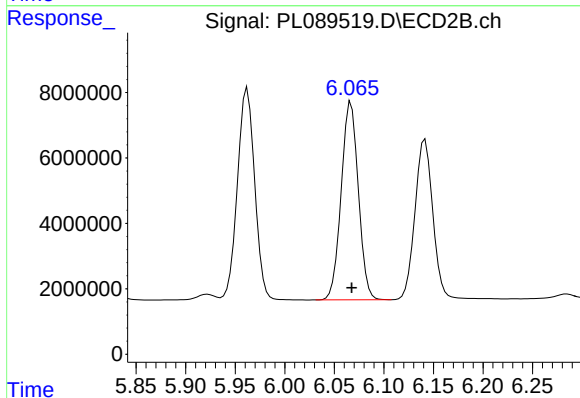
#17 4,4'-DDT

R.T.: 7.034 min  
Delta R.T.: 0.003 min  
Response: 79416421  
Conc: 43.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

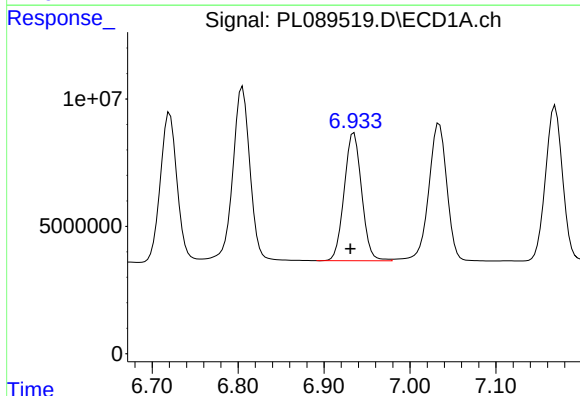
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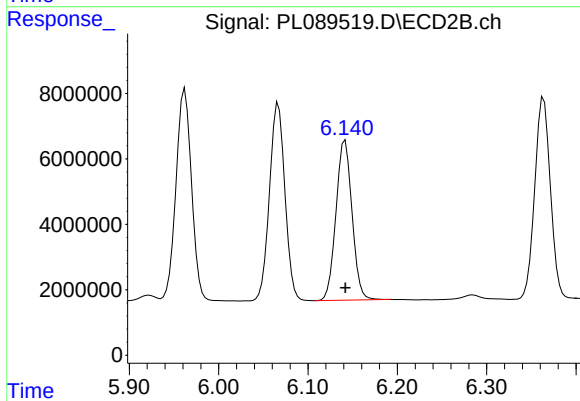
#17 4,4'-DDT

R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 72853842  
Conc: 53.85 ng/ml



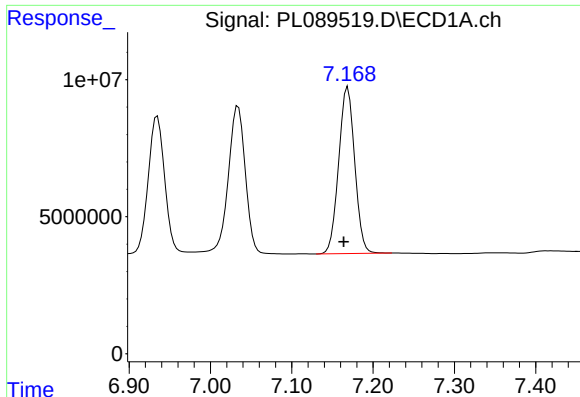
#18 Endrin aldehyde

R.T.: 6.935 min  
Delta R.T.: 0.004 min  
Response: 71057375  
Conc: 46.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 61034459  
Conc: 54.87 ng/ml



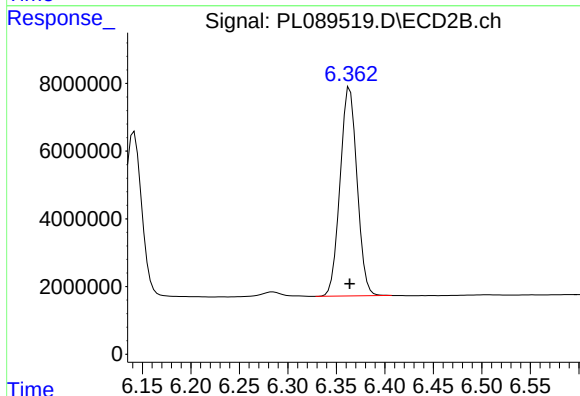
#19 Endosulfan Sulfate

R.T.: 7.169 min  
Delta R.T.: 0.005 min  
Response: 83183791  
Conc: 45.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

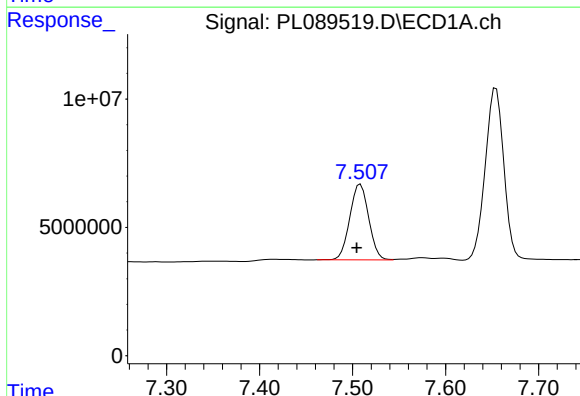
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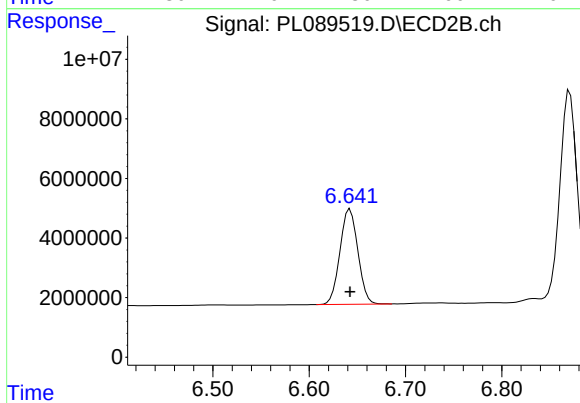
#19 Endosulfan Sulfate

R.T.: 6.364 min  
Delta R.T.: 0.000 min  
Response: 75086457  
Conc: 54.13 ng/ml



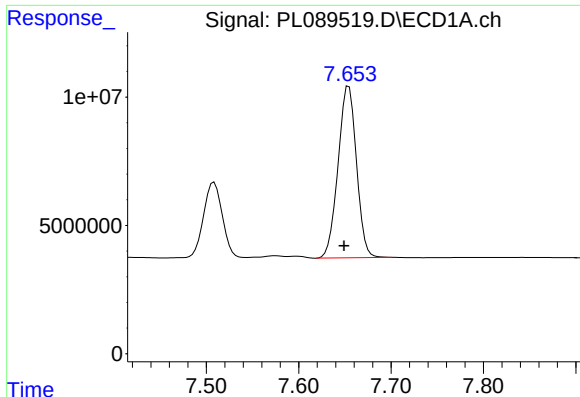
#20 Methoxychlor

R.T.: 7.508 min  
Delta R.T.: 0.004 min  
Response: 41676429  
Conc: 42.38 ng/ml



#20 Methoxychlor

R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 41297052  
Conc: 51.65 ng/ml



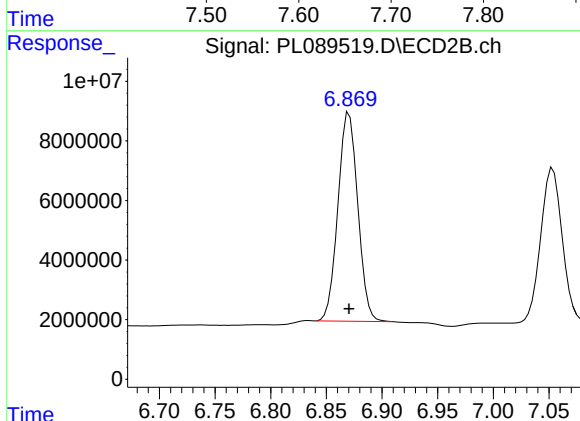
#21 Endrin ketone

R.T.: 7.654 min  
Delta R.T.: 0.005 min  
Response: 92625791  
Conc: 46.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

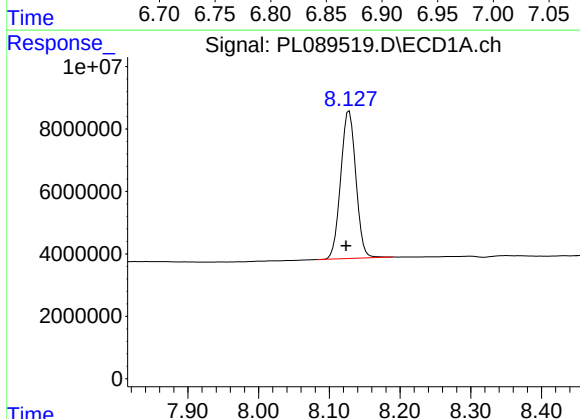
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/15/2024  
Supervised By :Ankita Jodhani 05/15/2024



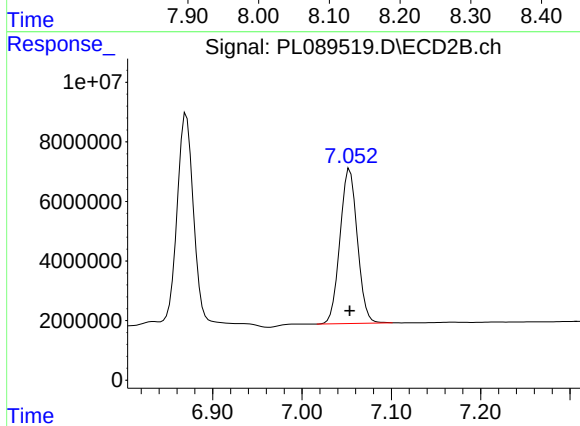
#21 Endrin ketone

R.T.: 6.870 min  
Delta R.T.: 0.000 min  
Response: 86973790  
Conc: 54.39 ng/ml



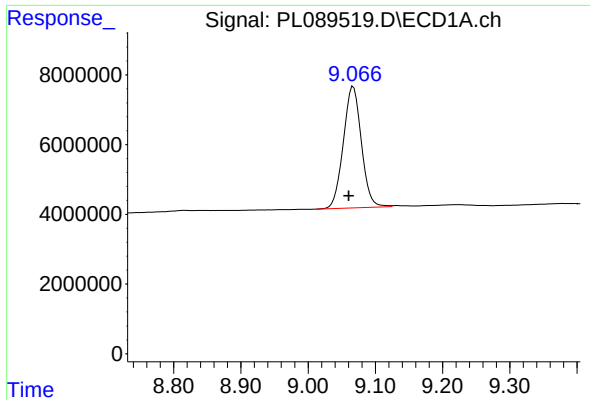
#22 Mirex

R.T.: 8.128 min  
Delta R.T.: 0.005 min  
Response: 70514380  
Conc: 45.37 ng/ml



#22 Mirex

R.T.: 7.053 min  
Delta R.T.: 0.000 min  
Response: 70148227  
Conc: 51.42 ng/ml



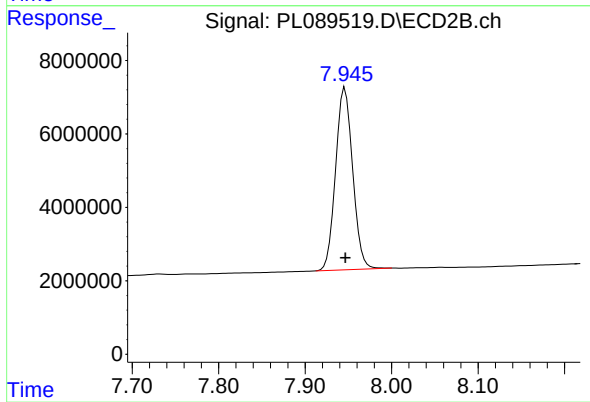
#28 Decachlorobiphenyl

R.T.: 9.067 min  
Delta R.T.: 0.007 min  
Response: 64798208  
Conc: 46.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/15/2024  
Supervised By :Ankita Jodhani 05/15/2024



#28 Decachlorobiphenyl

R.T.: 7.946 min  
Delta R.T.: 0.000 min  
Response: 67852686  
Conc: 50.44 ng/ml