

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050724\  
 Data File : PL089389.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 May 2024 12:47  
 Operator : AR\AJ  
 Sample : PB160755BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB160755BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/08/2024  
 Supervised By :Ankita Jodhani 05/08/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 07 22:10:49 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... | 3.551 | 2.797 | 51014418 | 31749998 | 25.334 | 24.746  |
| 28)                         | SA Decachlor... | 9.070 | 7.950 | 34349600 | 32235952 | 24.553 | 23.964  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.007 | 3.302 | 138.3E6  | 98182958 | 48.488 | 52.034  |
| 3)                          | MA gamma-BHC... | 4.339 | 3.632 | 131.7E6  | 93415317 | 47.298 | 50.625  |
| 4)                          | MA Heptachlor   | 4.929 | 3.975 | 113.8E6  | 86594156 | 45.891 | 49.417  |
| 5)                          | MB Aldrin       | 5.272 | 4.255 | 116.9E6  | 88320370 | 45.530 | 49.960  |
| 6)                          | B beta-BHC      | 4.534 | 3.930 | 59631622 | 41716004 | 47.268 | 51.094  |
| 7)                          | B delta-BHC     | 4.782 | 4.161 | 123.7E6  | 90951669 | 46.647 | 50.551  |
| 8)                          | B Heptachlo...  | 5.697 | 4.759 | 108.3E6  | 81554023 | 46.174 | 50.443  |
| 9)                          | A Endosulfan I  | 6.083 | 5.129 | 101.1E6  | 77235336 | 47.010 | 51.570  |
| 10)                         | B gamma-Chl...  | 5.953 | 5.010 | 109.8E6  | 85741067 | 48.039 | 52.251  |
| 11)                         | B alpha-Chl...  | 6.032 | 5.073 | 107.4E6  | 84837233 | 47.231 | 51.442  |
| 12)                         | B 4,4'-DDE      | 6.204 | 5.263 | 95557101 | 75930425 | 47.227 | 52.222  |
| 13)                         | MA Dieldrin     | 6.358 | 5.394 | 105.7E6  | 83161419 | 47.236 | 51.694  |
| 14)                         | MA Endrin       | 6.588 | 5.670 | 88730509 | 74427593 | 46.840 | 51.769  |
| 15)                         | B Endosulfa...  | 6.806 | 5.963 | 92758928 | 73783845 | 46.477 | 51.299  |
| 16)                         | A 4,4'-DDD      | 6.721 | 5.816 | 80640595 | 65269572 | 47.801 | 52.925m |
| 17)                         | MA 4,4'-DDT     | 7.035 | 6.069 | 81986180 | 63844079 | 44.582 | 47.188  |
| 18)                         | B Endrin al...  | 6.935 | 6.143 | 67377783 | 51787093 | 44.554 | 46.558  |
| 19)                         | B Endosulfa...  | 7.169 | 6.366 | 85070575 | 69941315 | 47.030 | 50.420  |
| 20)                         | A Methoxychlor  | 7.510 | 6.644 | 42650202 | 35274690 | 43.370 | 44.116  |
| 21)                         | B Endrin ke...  | 7.655 | 6.872 | 93696866 | 80311446 | 46.810 | 50.226  |
| 22)                         | Mirex           | 8.130 | 7.056 | 73522061 | 66198755 | 47.308 | 48.525  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050724\  
Data File : PL089389.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 May 2024 12:47  
Operator : AR\AJ  
Sample : PB160755BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

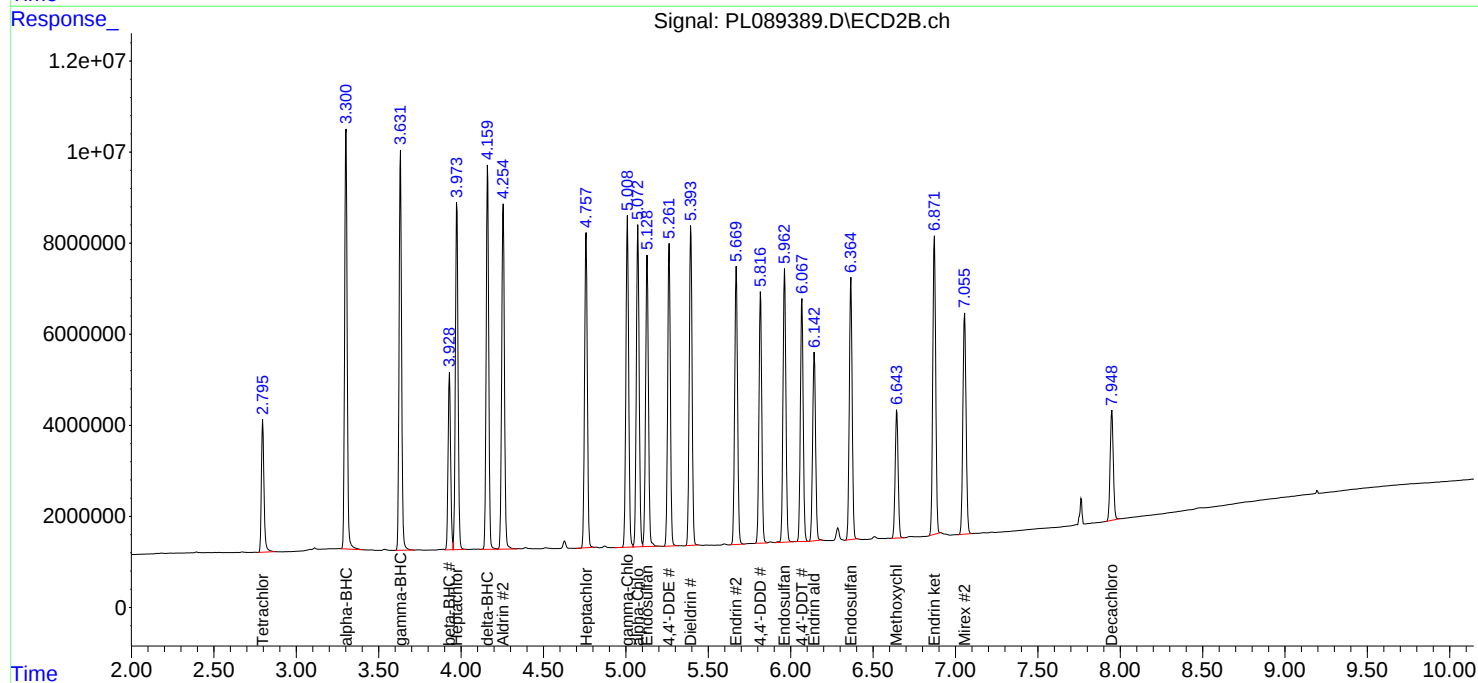
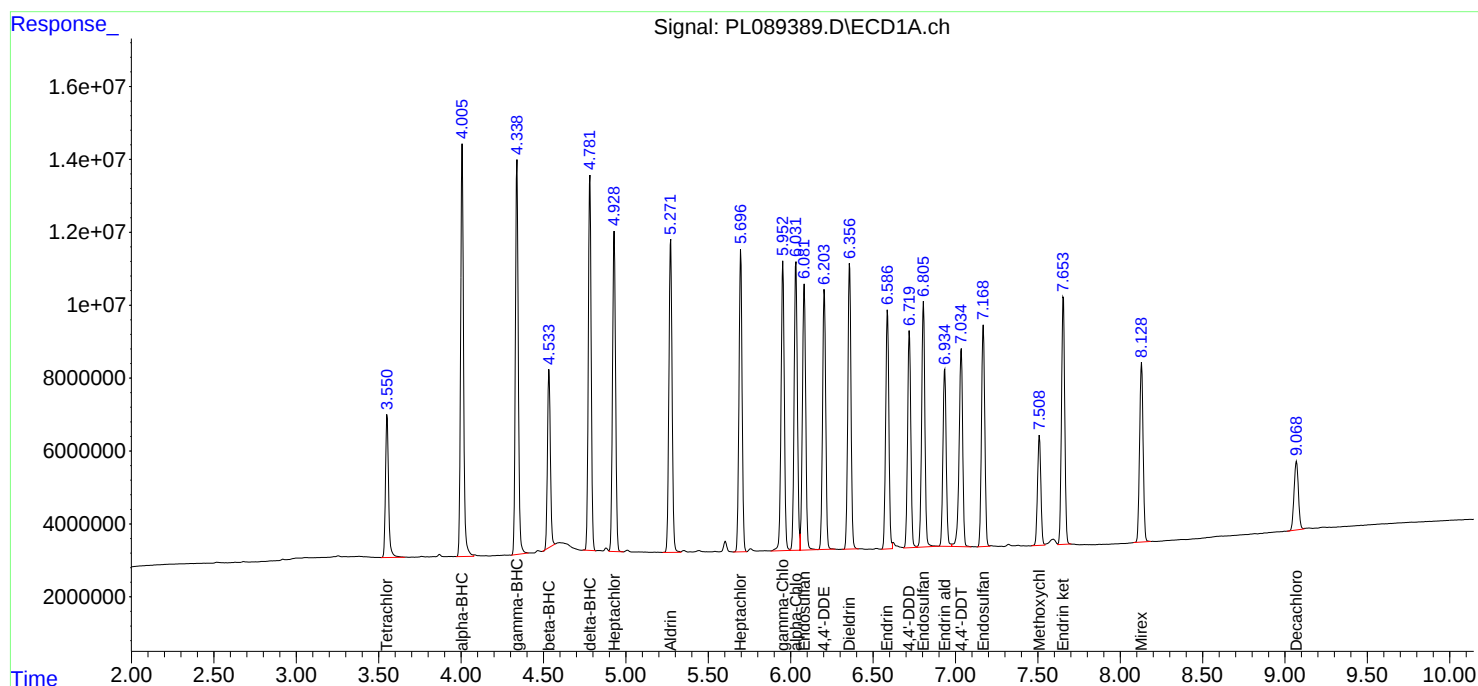
Instrument :  
ECD\_L  
ClientSampleId :  
PB160755BS

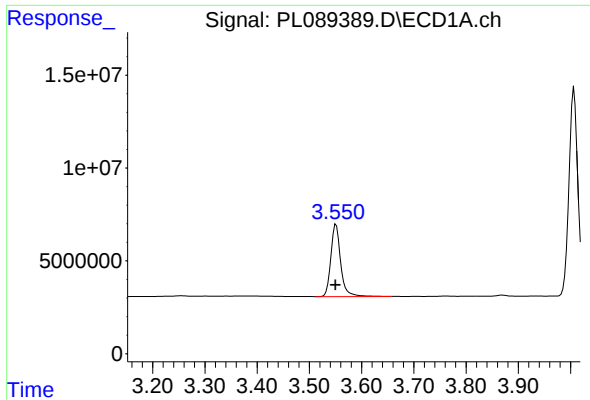
Manual Integrations  
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Supervised By :Ankita Jodhani 05/08/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 07 22:10:49 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





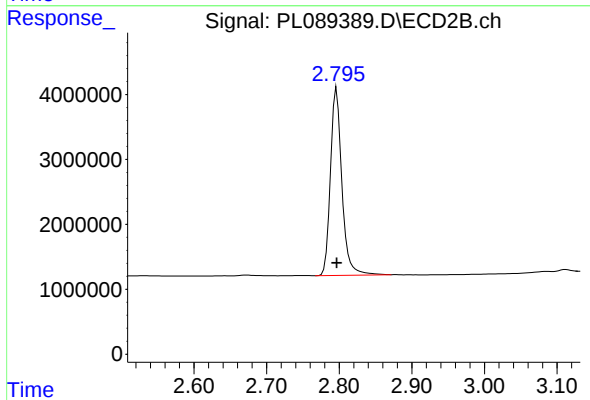
#1 Tetrachloro-m-xylene

R.T.: 3.551 min  
Delta R.T.: 0.001 min  
Response: 51014418  
Conc: 25.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160755BS

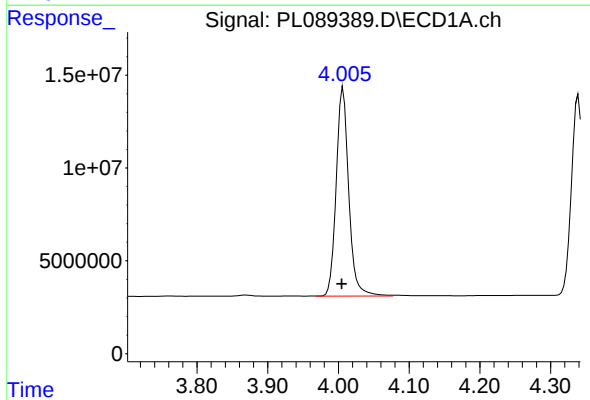
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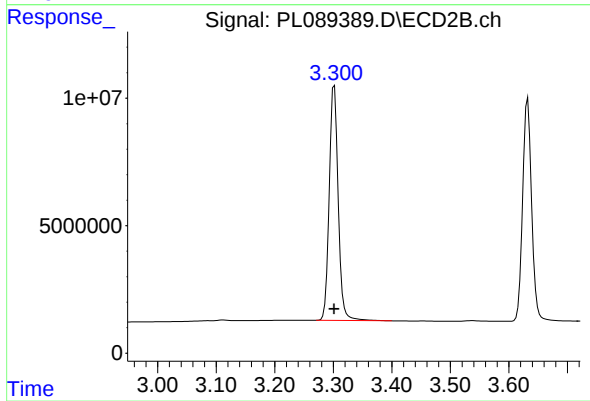
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 31749998  
Conc: 24.75 ng/ml



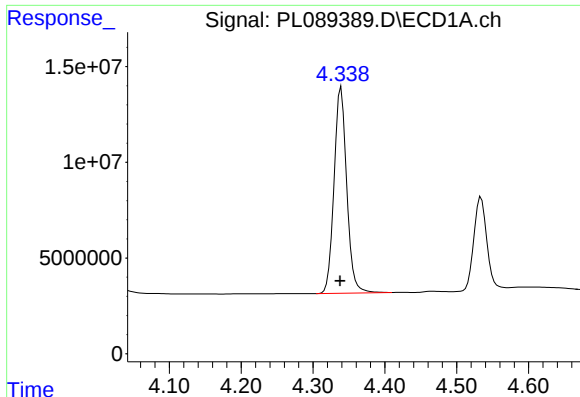
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.002 min  
Response: 138277569  
Conc: 48.49 ng/ml



#2 alpha-BHC

R.T.: 3.302 min  
Delta R.T.: 0.000 min  
Response: 98182958  
Conc: 52.03 ng/ml



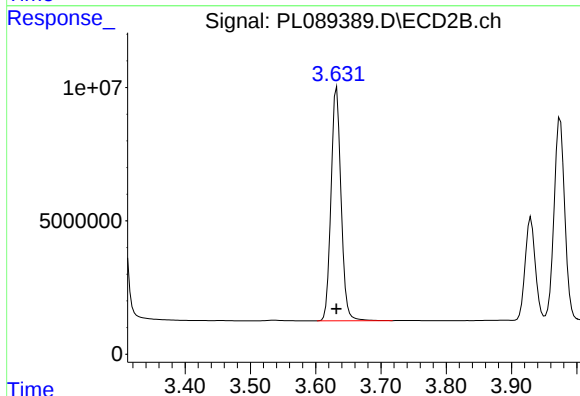
#3 gamma-BHC (Lindane)

R.T.: 4.339 min  
Delta R.T.: 0.002 min  
Response: 131673960  
Conc: 47.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160755BS

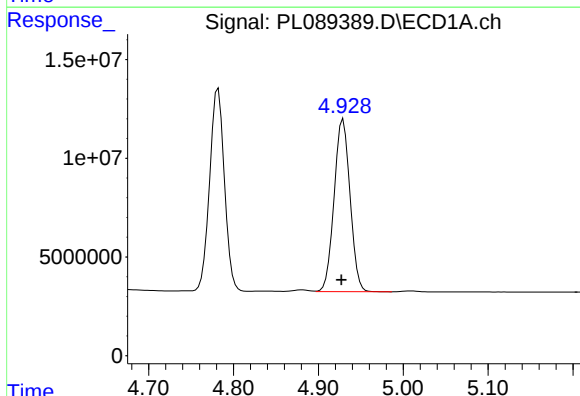
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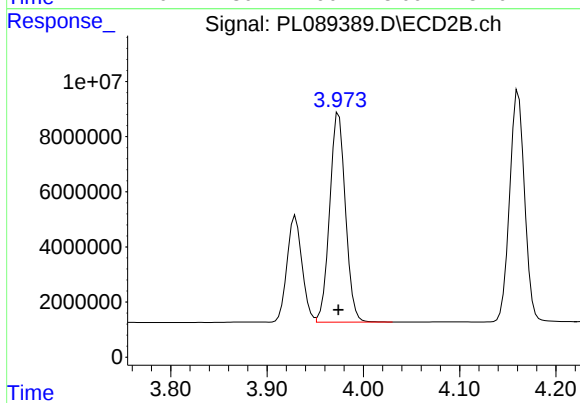
#3 gamma-BHC (Lindane)

R.T.: 3.632 min  
Delta R.T.: 0.000 min  
Response: 93415317  
Conc: 50.62 ng/ml



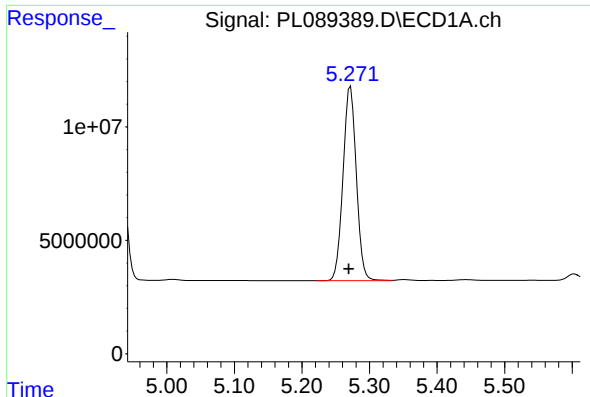
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.002 min  
Response: 113813869  
Conc: 45.89 ng/ml



#4 Heptachlor

R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 86594156  
Conc: 49.42 ng/ml



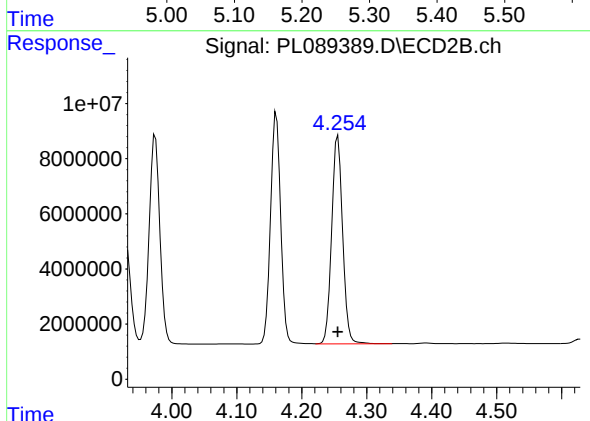
#5 Aldrin

R.T.: 5.272 min  
Delta R.T.: 0.003 min  
Response: 116932065  
Conc: 45.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160755BS

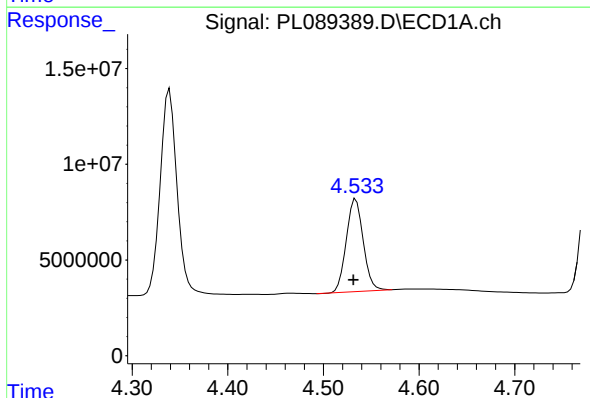
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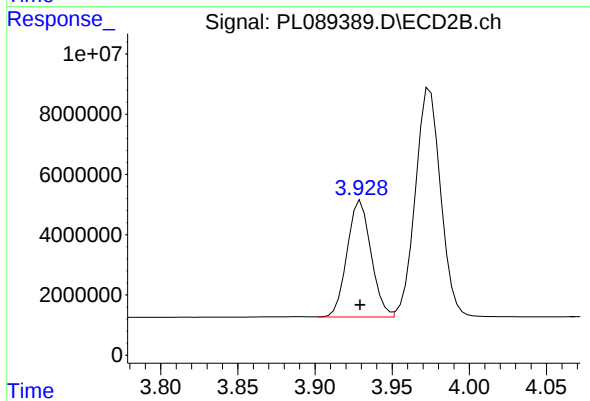
#5 Aldrin

R.T.: 4.255 min  
Delta R.T.: 0.000 min  
Response: 88320370  
Conc: 49.96 ng/ml



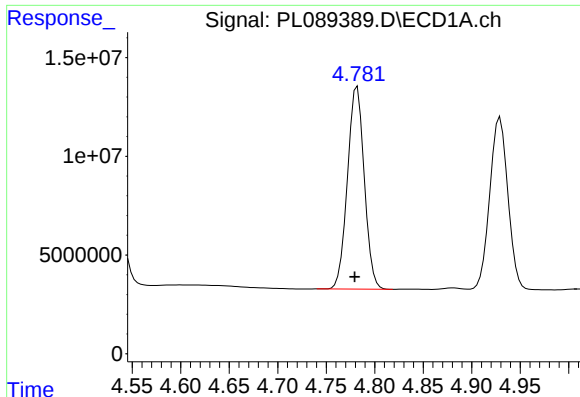
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.002 min  
Response: 59631622  
Conc: 47.27 ng/ml



#6 beta-BHC

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 41716004  
Conc: 51.09 ng/ml



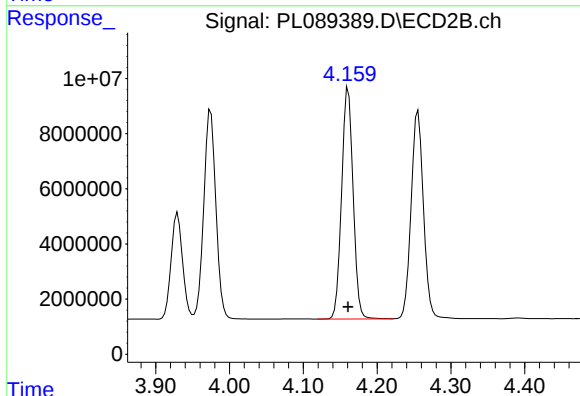
#7 delta-BHC

R.T.: 4.782 min  
Delta R.T.: 0.003 min  
Response: 123710304  
Conc: 46.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160755BS

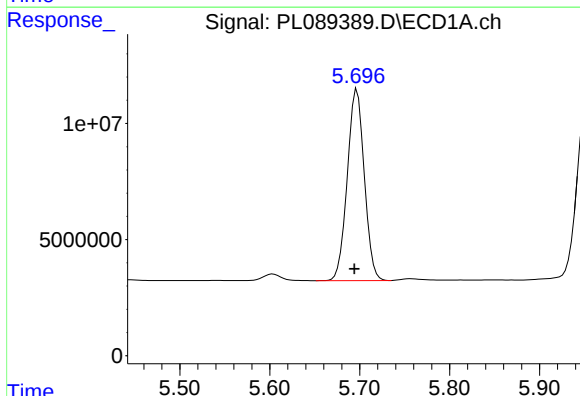
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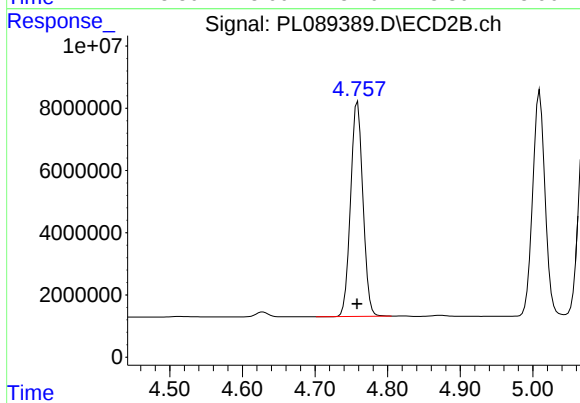
#7 delta-BHC

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 90951669  
Conc: 50.55 ng/ml



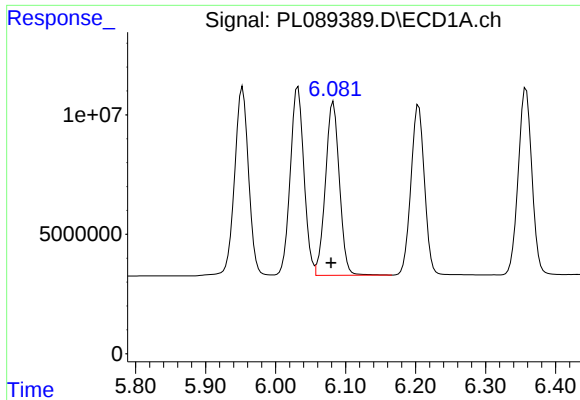
#8 Heptachlor epoxide

R.T.: 5.697 min  
Delta R.T.: 0.003 min  
Response: 108298943  
Conc: 46.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min  
Delta R.T.: 0.000 min  
Response: 81554023  
Conc: 50.44 ng/ml



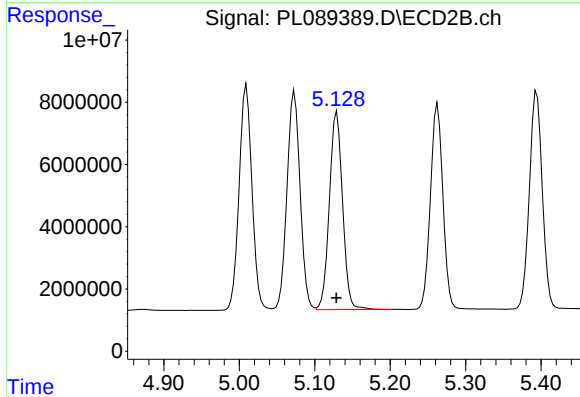
#9 Endosulfan I

R.T.: 6.083 min  
Delta R.T.: 0.003 min  
Response: 101060901  
Conc: 47.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160755BS

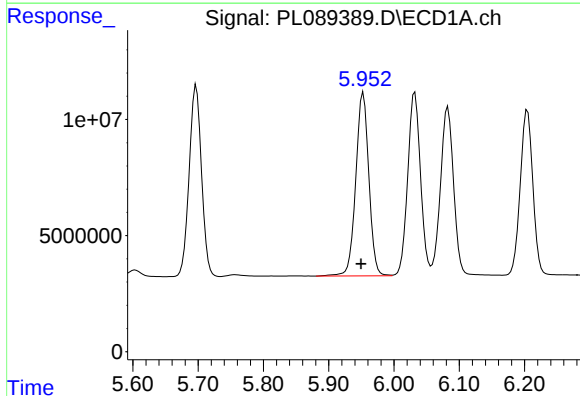
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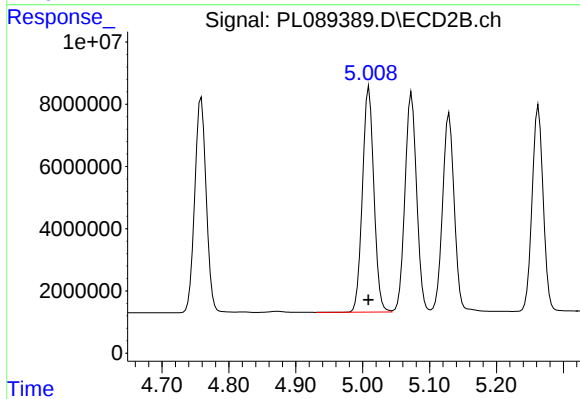
#9 Endosulfan I

R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 77235336  
Conc: 51.57 ng/ml



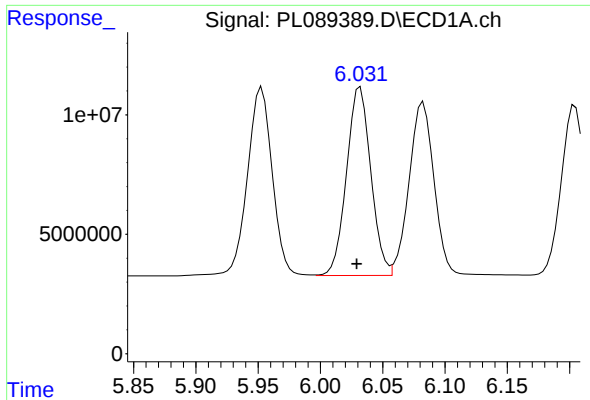
#10 gamma-Chlordane

R.T.: 5.953 min  
Delta R.T.: 0.004 min  
Response: 109812888  
Conc: 48.04 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: 85741067  
Conc: 52.25 ng/ml



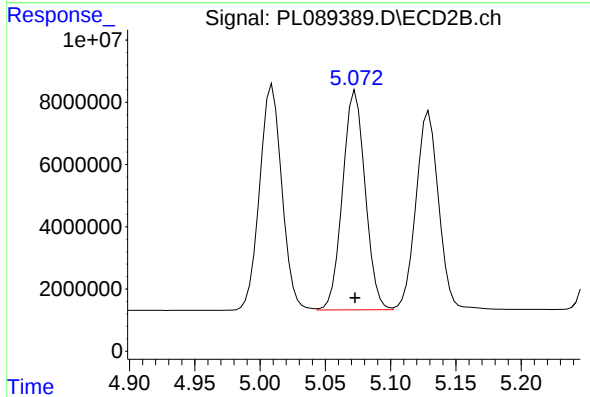
#11 alpha-Chlordane

R.T.: 6.032 min  
Delta R.T.: 0.003 min  
Response: 107436407  
Conc: 47.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160755BS

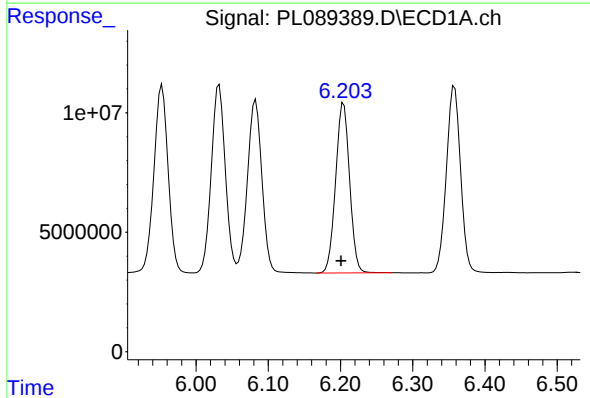
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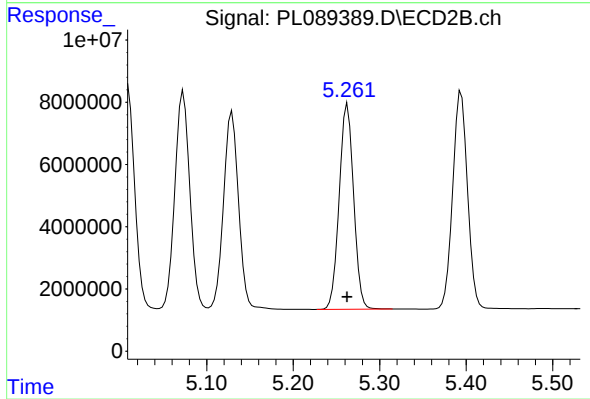
#11 alpha-Chlordane

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 84837233  
Conc: 51.44 ng/ml



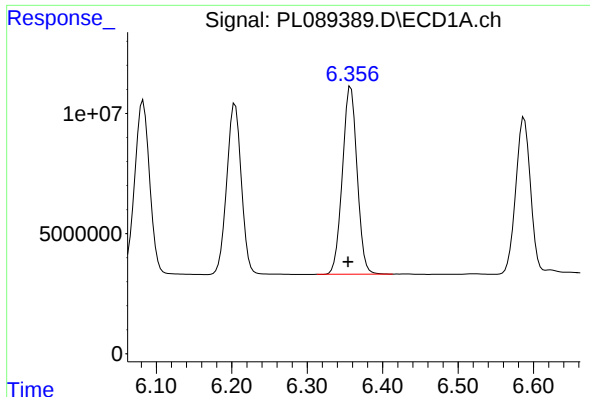
#12 4,4'-DDE

R.T.: 6.204 min  
Delta R.T.: 0.004 min  
Response: 95557101  
Conc: 47.23 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 75930425  
Conc: 52.22 ng/ml



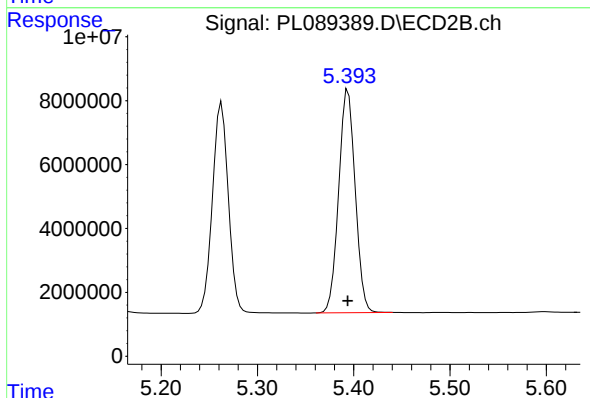
#13 Dieldrin

R.T.: 6.358 min  
Delta R.T.: 0.004 min  
Response: 105735255  
Conc: 47.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160755BS

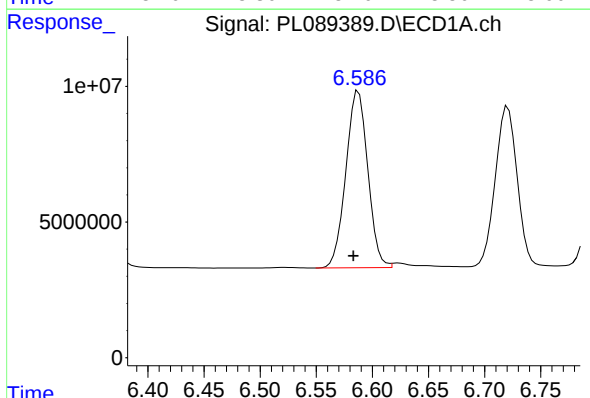
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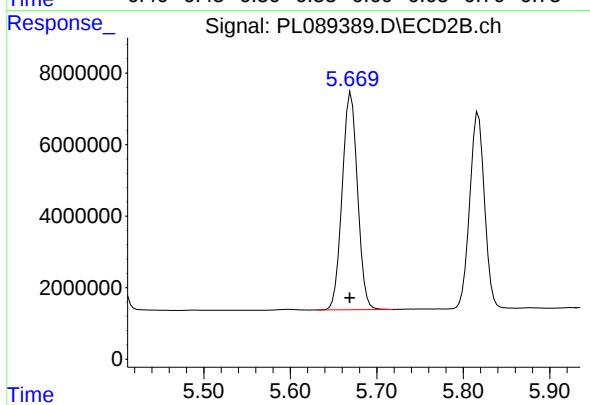
#13 Dieldrin

R.T.: 5.394 min  
Delta R.T.: 0.000 min  
Response: 83161419  
Conc: 51.69 ng/ml



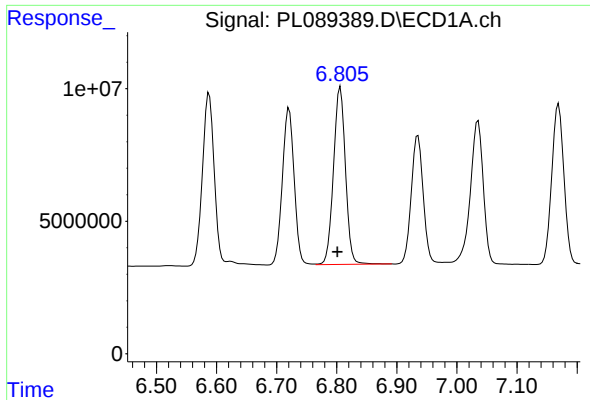
#14 Endrin

R.T.: 6.588 min  
Delta R.T.: 0.004 min  
Response: 88730509  
Conc: 46.84 ng/ml



#14 Endrin

R.T.: 5.670 min  
Delta R.T.: 0.001 min  
Response: 74427593  
Conc: 51.77 ng/ml



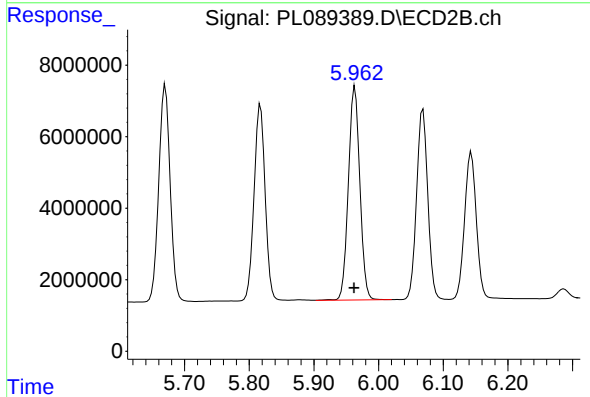
#15 Endosulfan II

R.T.: 6.806 min  
Delta R.T.: 0.005 min  
Response: 92758928  
Conc: 46.48 ng/ml

Instrument :  
ECD\_L  
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PB160755BS

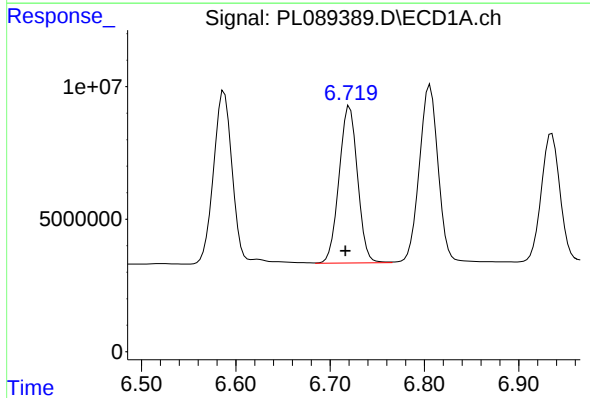
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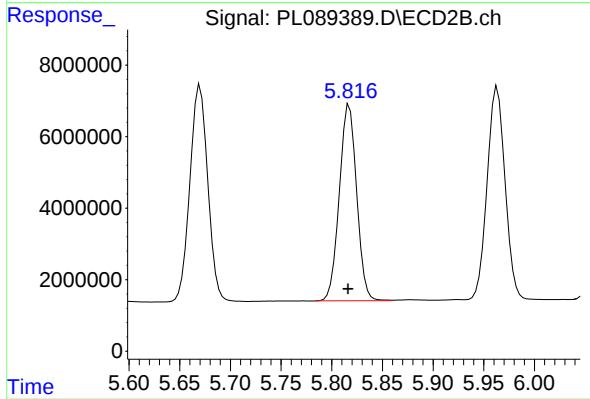
#15 Endosulfan II

R.T.: 5.963 min  
Delta R.T.: 0.001 min  
Response: 73783845  
Conc: 51.30 ng/ml



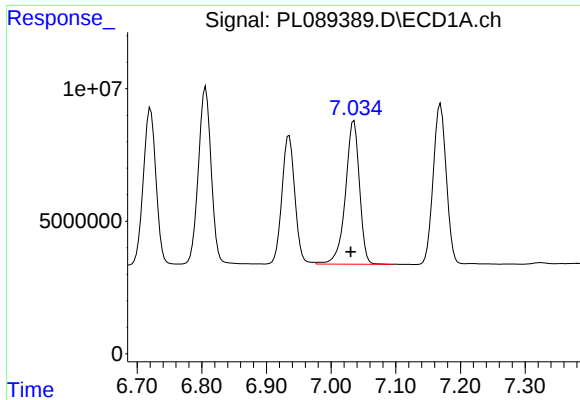
#16 4,4'-DDD

R.T.: 6.721 min  
Delta R.T.: 0.005 min  
Response: 80640595  
Conc: 47.80 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min  
Delta R.T.: 0.000 min  
Response: 65269572  
Conc: 52.93 ng/ml m



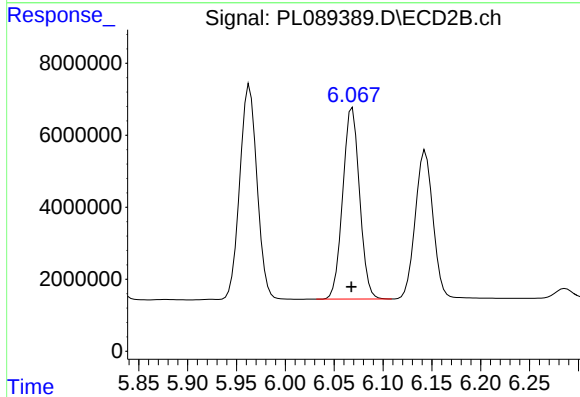
#17 4,4'-DDT

R.T.: 7.035 min  
Delta R.T.: 0.005 min  
Response: 81986180  
Conc: 44.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160755BS

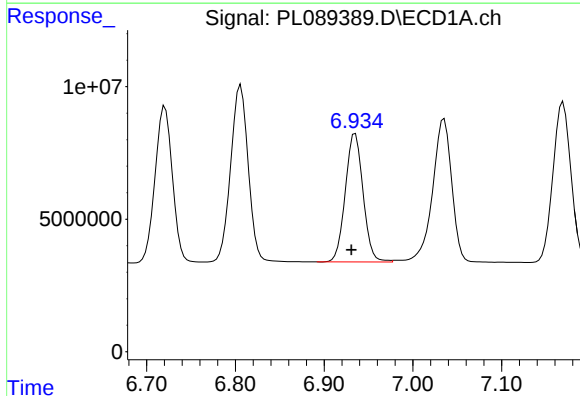
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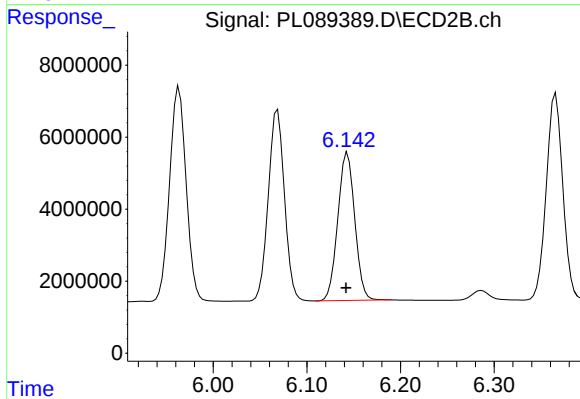
#17 4,4'-DDT

R.T.: 6.069 min  
Delta R.T.: 0.001 min  
Response: 63844079  
Conc: 47.19 ng/ml



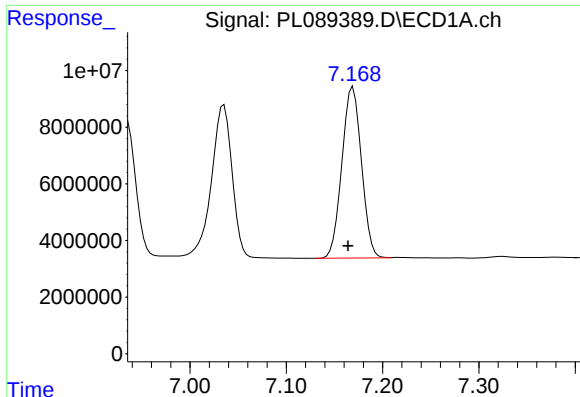
#18 Endrin aldehyde

R.T.: 6.935 min  
Delta R.T.: 0.004 min  
Response: 67377783  
Conc: 44.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min  
Delta R.T.: 0.002 min  
Response: 51787093  
Conc: 46.56 ng/ml



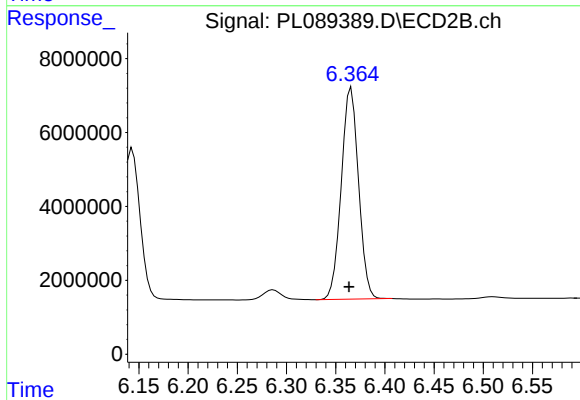
#19 Endosulfan Sulfate

R.T.: 7.169 min  
Delta R.T.: 0.005 min  
Response: 85070575  
Conc: 47.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160755BS

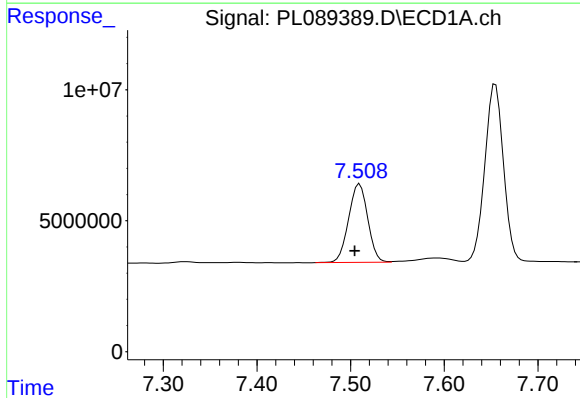
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Supervised By :Ankita Jodhani 05/08/2024



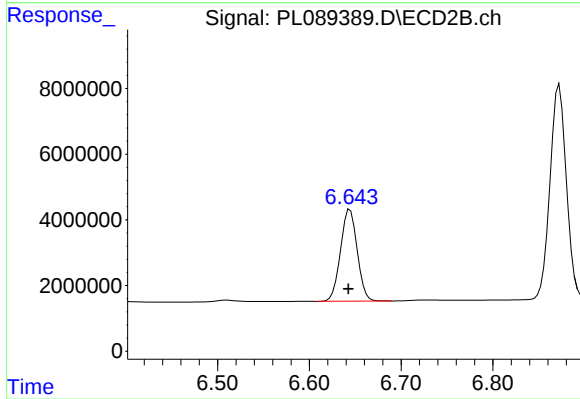
#19 Endosulfan Sulfate

R.T.: 6.366 min  
Delta R.T.: 0.002 min  
Response: 69941315  
Conc: 50.42 ng/ml



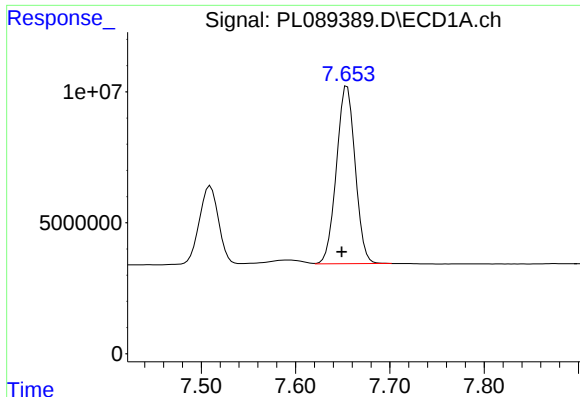
#20 Methoxychlor

R.T.: 7.510 min  
Delta R.T.: 0.005 min  
Response: 42650202  
Conc: 43.37 ng/ml



#20 Methoxychlor

R.T.: 6.644 min  
Delta R.T.: 0.002 min  
Response: 35274690  
Conc: 44.12 ng/ml



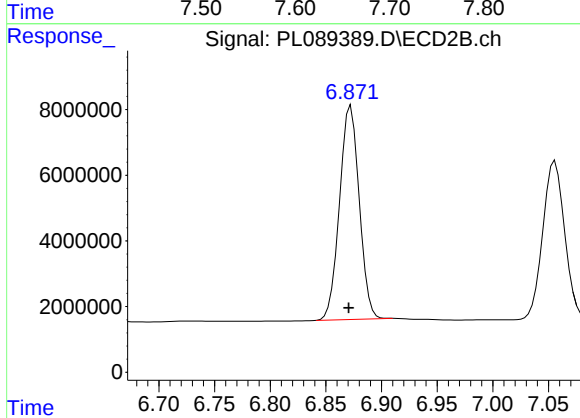
#21 Endrin ketone

R.T.: 7.655 min  
Delta R.T.: 0.006 min  
Response: 93696866  
Conc: 46.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160755BS

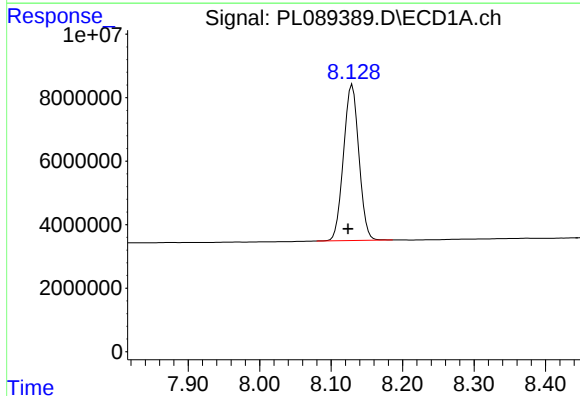
Manual Integrations  
APPROVED

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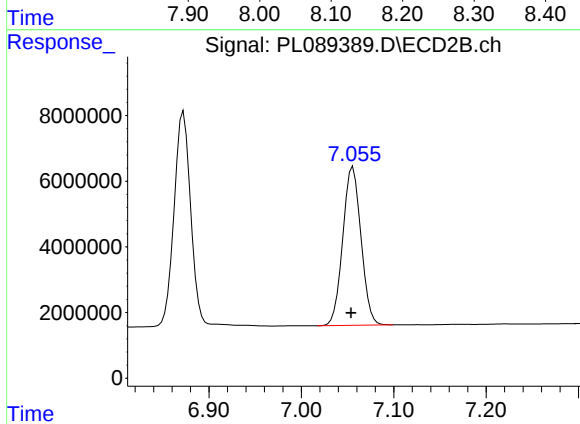
#21 Endrin ketone

R.T.: 6.872 min  
Delta R.T.: 0.002 min  
Response: 80311446  
Conc: 50.23 ng/ml



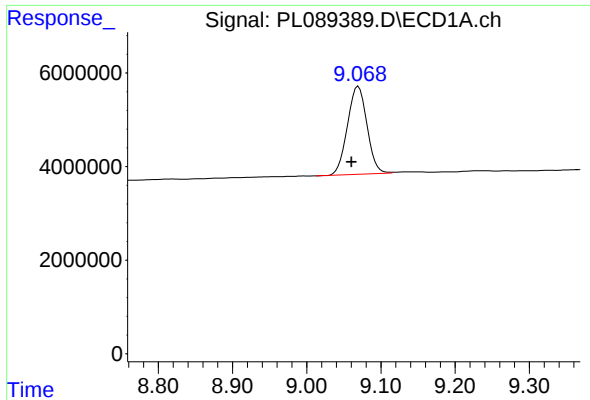
#22 Mirex

R.T.: 8.130 min  
Delta R.T.: 0.006 min  
Response: 73522061  
Conc: 47.31 ng/ml



#22 Mirex

R.T.: 7.056 min  
Delta R.T.: 0.002 min  
Response: 66198755  
Conc: 48.52 ng/ml



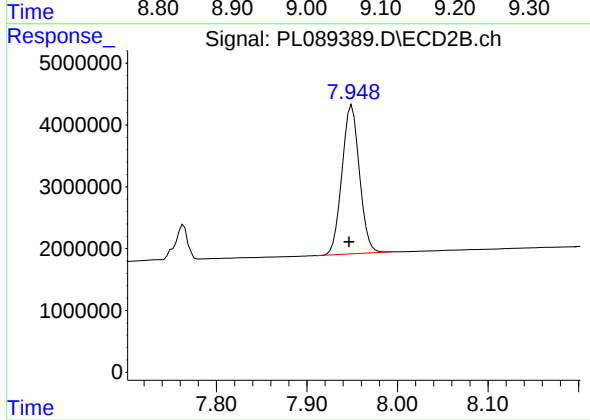
#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: 0.009 min  
Response: 34349600  
Conc: 24.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160755BS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.950 min  
Delta R.T.: 0.003 min  
Response: 32235952  
Conc: 23.96 ng/ml