

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
 Data File : PL080905.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2023 11:20  
 Operator : AR\AJ  
 Sample : 01529-05MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SB-01-5.0-7.0MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
 Supervised By :Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 20:28:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 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... | 3.350 | 2.688 | 35997260 | 36324663 | 16.783m | 16.538   |
| 28)                         | SA Decachlor... | 8.787 | 7.832 | 23195906 | 25613943 | 13.249  | 10.751   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.799 | 3.188 | 151.2E6  | 142.5E6  | 47.715  | 44.806   |
| 3)                          | MA gamma-BHC... | 4.127 | 3.517 | 136.7E6  | 134.5E6  | 46.497  | 45.022   |
| 4)                          | MA Heptachlor   | 4.711 | 3.857 | 134.9E6  | 134.8E6  | 45.638  | 42.361   |
| 5)                          | MB Aldrin       | 5.049 | 4.135 | 130.8E6  | 130.9E6  | 47.809  | 44.369   |
| 6)                          | B beta-BHC      | 4.324 | 3.813 | 61126980 | 60169172 | 44.781  | 45.083   |
| 7)                          | B delta-BHC     | 4.566 | 4.042 | 127.3E6  | 116.4E6  | 43.982  | 40.340   |
| 8)                          | B Heptachlo...  | 5.473 | 4.637 | 119.4E6  | 120.4E6  | 46.151  | 43.262   |
| 9)                          | A Endosulfan I  | 5.855 | 5.007 | 107.2E6  | 105.0E6  | 45.386  | 40.347   |
| 10)                         | B gamma-Chl...  | 5.728 | 4.887 | 123.2E6  | 123.2E6  | 48.769  | 43.455m  |
| 11)                         | B alpha-Chl...  | 5.807 | 4.952 | 115.2E6  | 115.8E6  | 45.642  | 40.429   |
| 12)                         | B 4,4'-DDE      | 5.986 | 5.143 | 92210876 | 101.2E6  | 41.399  | 42.921m  |
| 13)                         | MA Dieldrin     | 6.130 | 5.271 | 109.4E6  | 113.0E6  | 45.701  | 41.769m  |
| 14)                         | MA Endrin       | 6.356 | 5.546 | 96184117 | 97590234 | 44.474  | 42.044   |
| 15)                         | B Endosulfa...  | 6.575 | 5.839 | 84677111 | 92374687 | 36.939  | 44.332   |
| 16)                         | A 4,4'-DDD      | 6.499 | 5.698 | 83828751 | 85584135 | 45.758  | 45.543   |
| 17)                         | MA 4,4'-DDT     | 6.812 | 5.949 | 80039527 | 74168800 | 38.524  | 35.294   |
| 18)                         | B Endrin al...  | 6.704 | 6.019 | 67955995 | 69294828 | 40.853m | 37.947   |
| 19)                         | B Endosulfa...  | 6.938 | 6.243 | 82685297 | 91593929 | 39.946  | 39.384   |
| 20)                         | A Methoxychlor  | 7.290 | 6.527 | 37119725 | 46966072 | 33.645  | 38.704   |
| 21)                         | B Endrin ke...  | 7.419 | 6.747 | 108.8E6  | 93518389 | 49.333  | 36.628 # |
| 22)                         | Mirex           | 7.890 | 6.930 | 72725368 | 79508064 | 42.287  | 34.922   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
Data File : PL080905.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2023 11:20  
Operator : AR\AJ  
Sample : 01529-05MS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

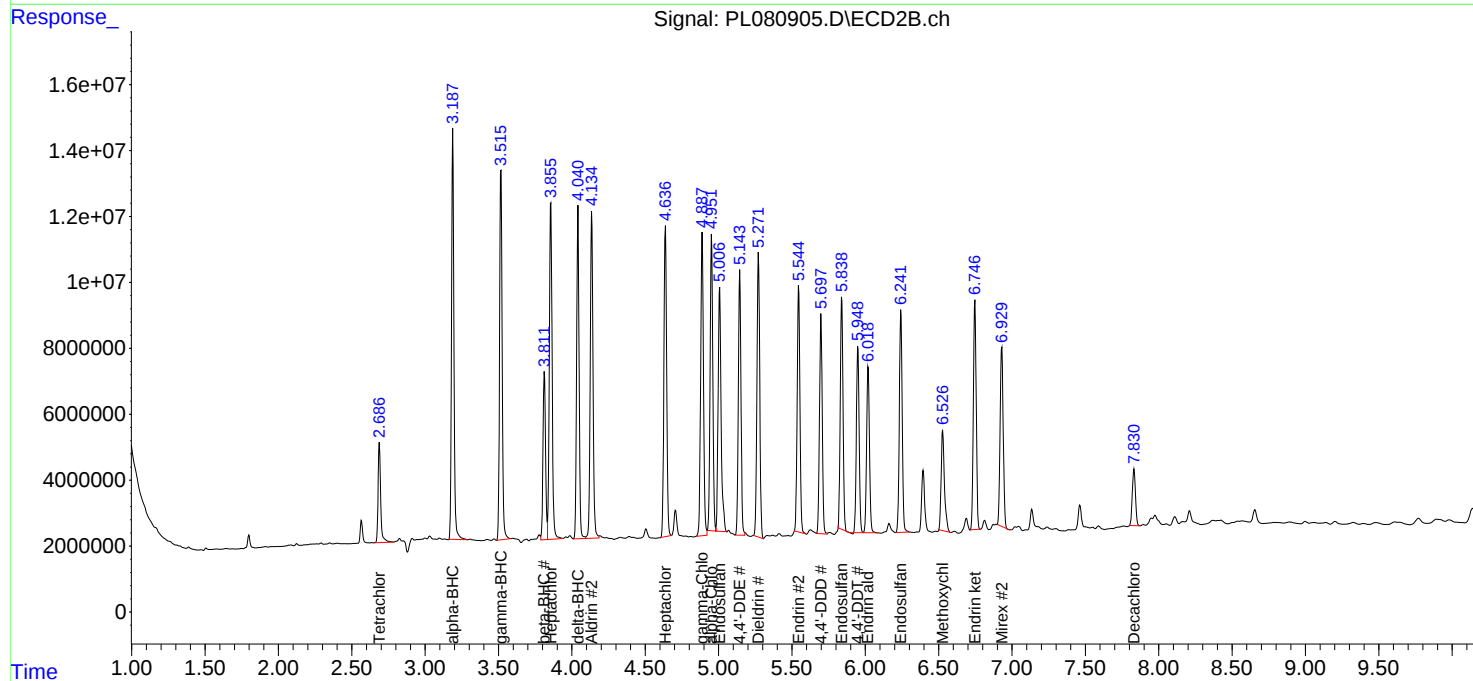
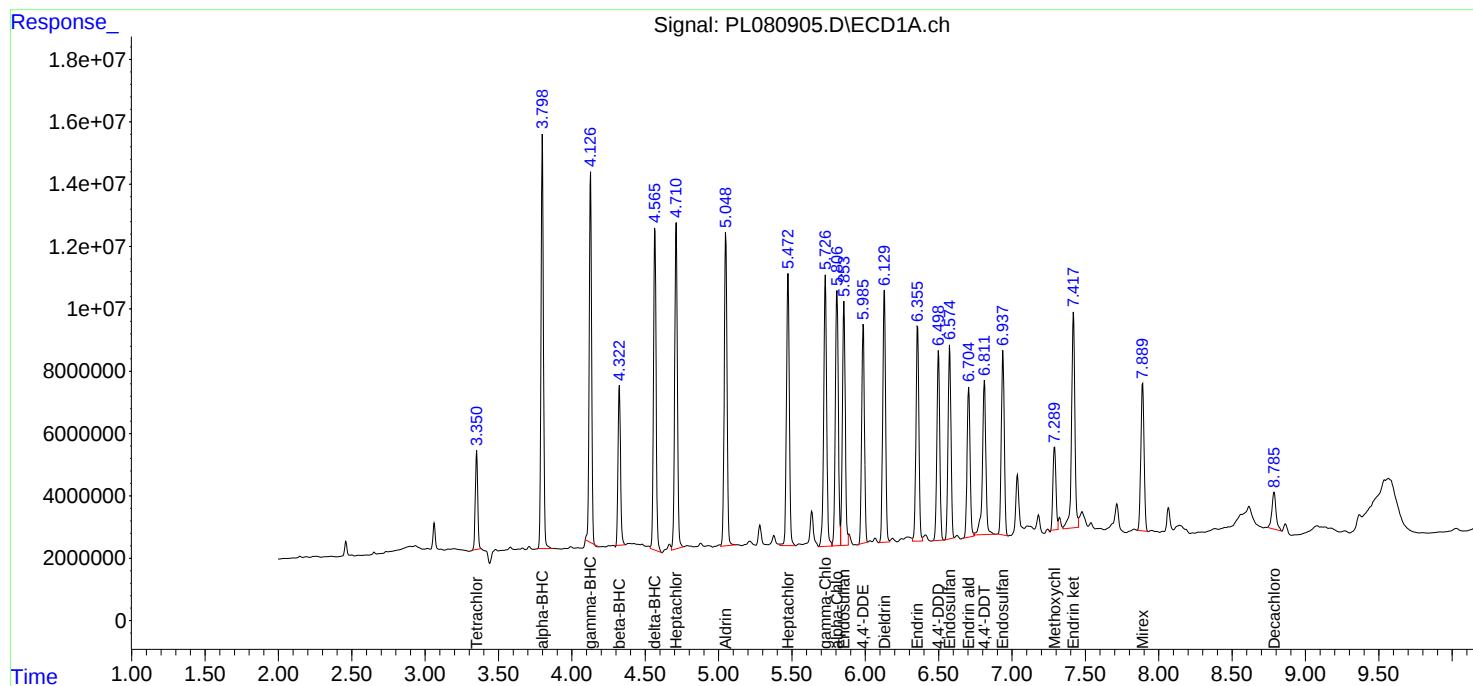
Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MS

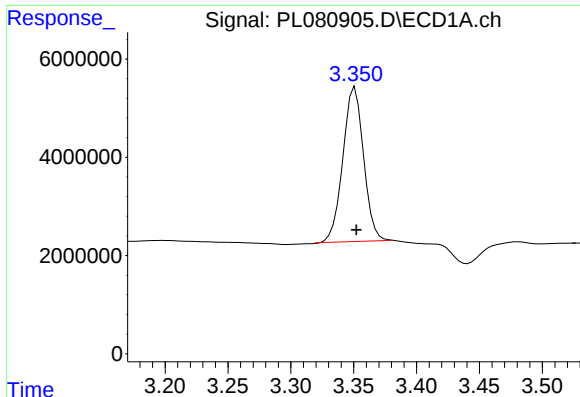
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 20:28:55 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Sun Jan 22 23:56:48 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





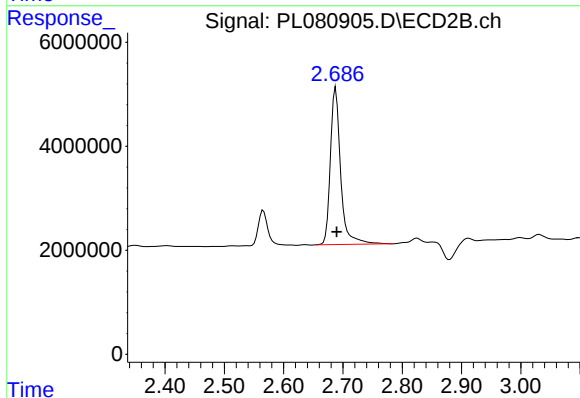
#1 Tetrachloro-m-xylene

R.T.: 3.350 min  
Delta R.T.: -0.002 min  
Response: 35997260  
Conc: 16.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MS

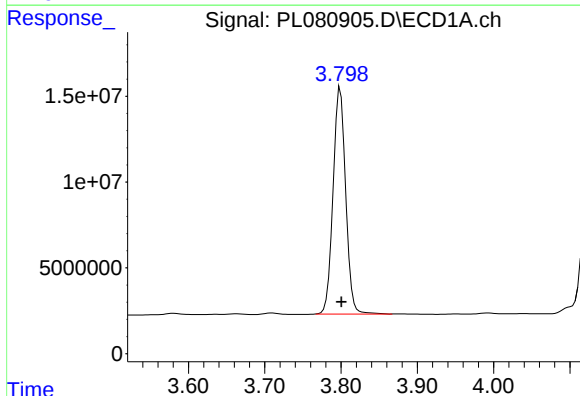
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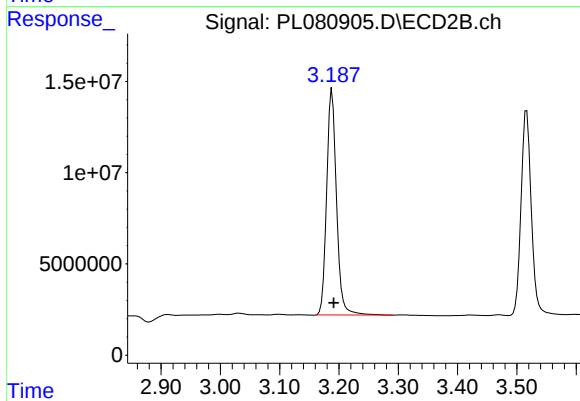
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: -0.002 min  
Response: 36324663  
Conc: 16.54 ng/ml



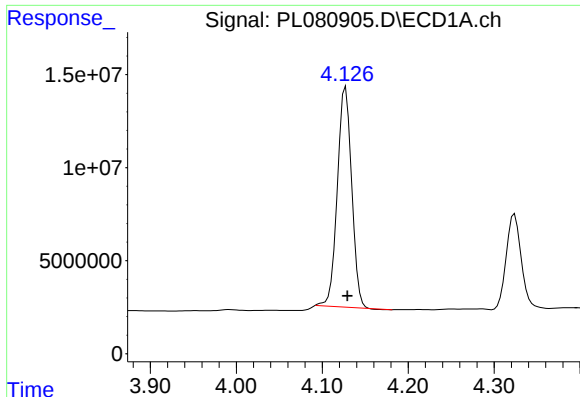
#2 alpha-BHC

R.T.: 3.799 min  
Delta R.T.: -0.002 min  
Response: 151161798  
Conc: 47.71 ng/ml



#2 alpha-BHC

R.T.: 3.188 min  
Delta R.T.: -0.003 min  
Response: 142502539  
Conc: 44.81 ng/ml



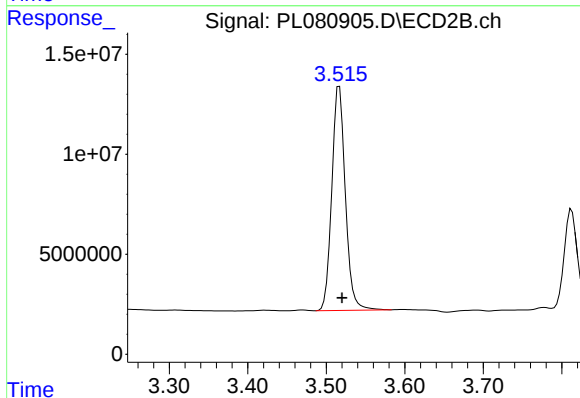
#3 gamma-BHC (Lindane)

R.T.: 4.127 min  
Delta R.T.: -0.002 min  
Response: 136691802  
Conc: 46.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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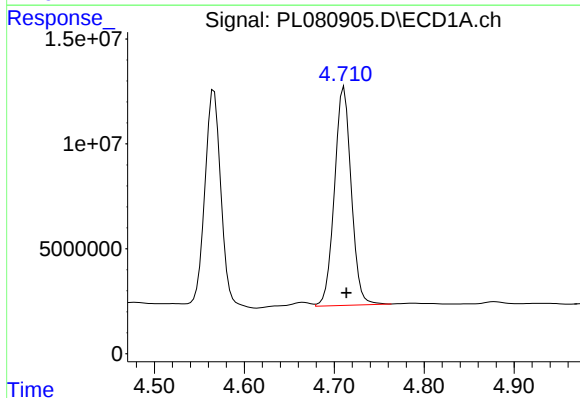
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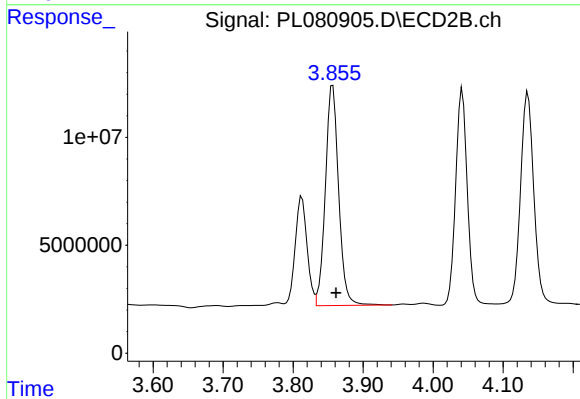
#3 gamma-BHC (Lindane)

R.T.: 3.517 min  
Delta R.T.: -0.004 min  
Response: 134493348  
Conc: 45.02 ng/ml



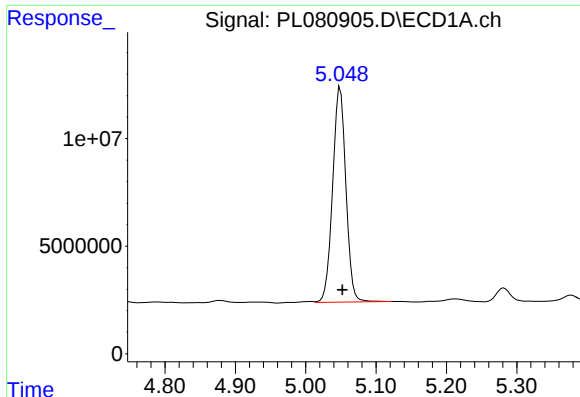
#4 Heptachlor

R.T.: 4.711 min  
Delta R.T.: -0.003 min  
Response: 134871609  
Conc: 45.64 ng/ml



#4 Heptachlor

R.T.: 3.857 min  
Delta R.T.: -0.005 min  
Response: 134809539  
Conc: 42.36 ng/ml



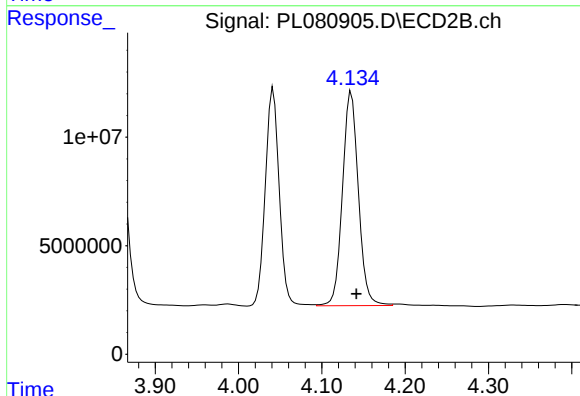
#5 Aldrin

R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 130794012  
Conc: 47.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MS

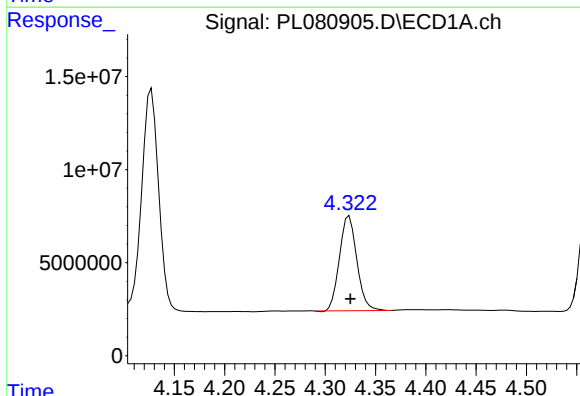
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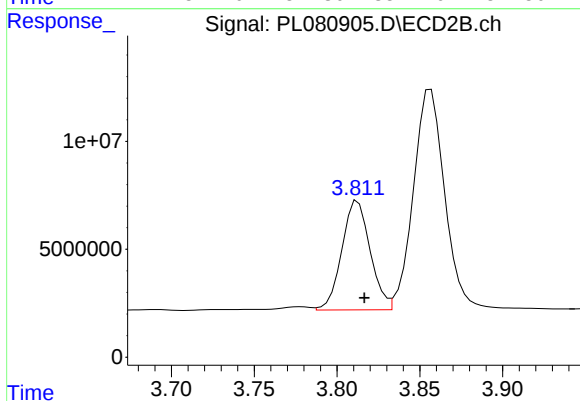
#5 Aldrin

R.T.: 4.135 min  
Delta R.T.: -0.006 min  
Response: 130871094  
Conc: 44.37 ng/ml



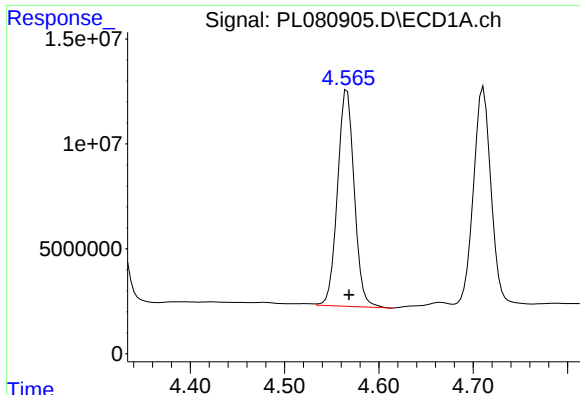
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: -0.001 min  
Response: 61126980  
Conc: 44.78 ng/ml



#6 beta-BHC

R.T.: 3.813 min  
Delta R.T.: -0.004 min  
Response: 60169172  
Conc: 45.08 ng/ml



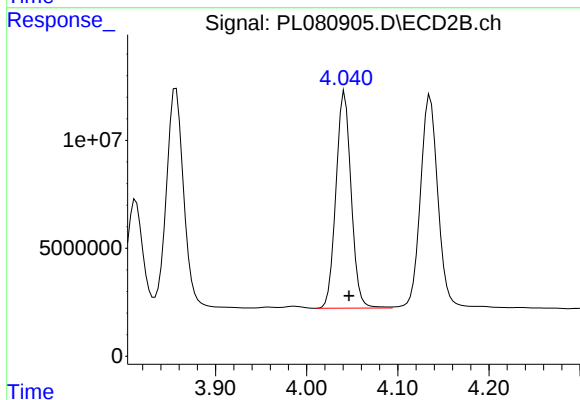
#7 delta-BHC

R.T.: 4.566 min  
Delta R.T.: -0.002 min  
Response: 127326804  
Conc: 43.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MS

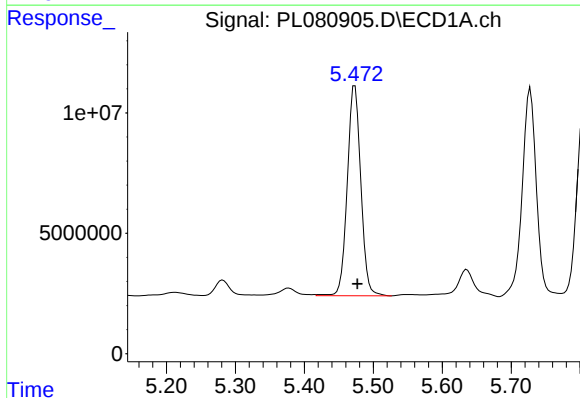
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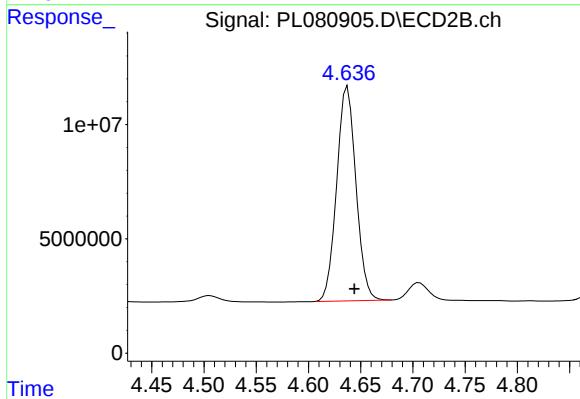
#7 delta-BHC

R.T.: 4.042 min  
Delta R.T.: -0.005 min  
Response: 116358835  
Conc: 40.34 ng/ml



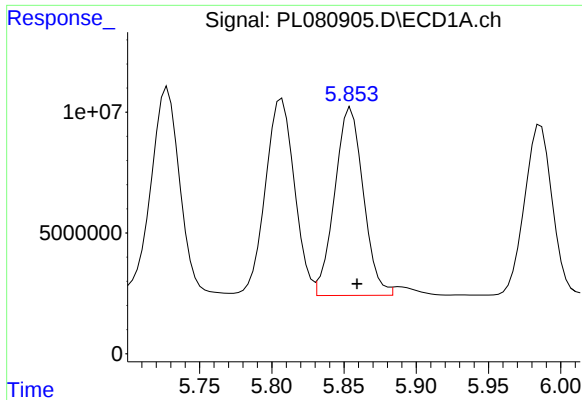
#8 Heptachlor epoxide

R.T.: 5.473 min  
Delta R.T.: -0.004 min  
Response: 119395194  
Conc: 46.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.637 min  
Delta R.T.: -0.006 min  
Response: 120368899  
Conc: 43.26 ng/ml



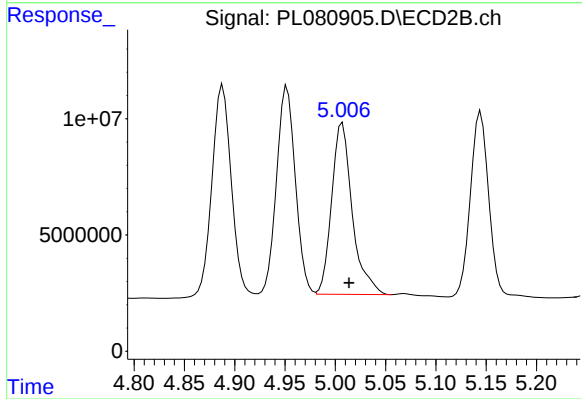
#9 Endosulfan I

R.T.: 5.855 min  
Delta R.T.: -0.004 min  
Response: 107177521  
Conc: 45.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MS

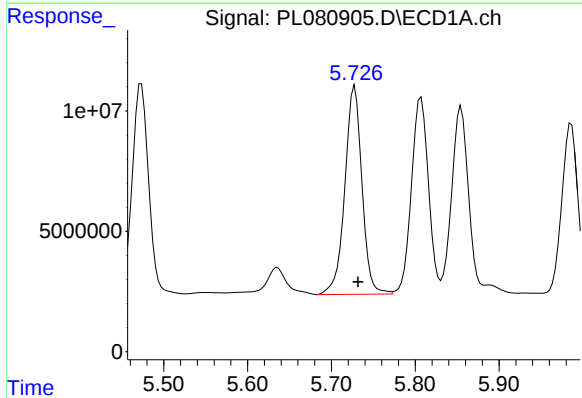
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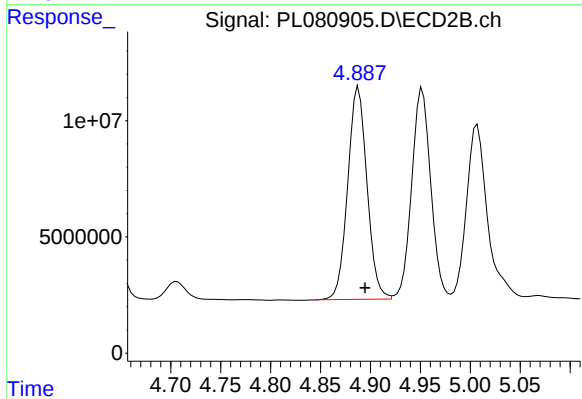
#9 Endosulfan I

R.T.: 5.007 min  
Delta R.T.: -0.006 min  
Response: 104954857  
Conc: 40.35 ng/ml



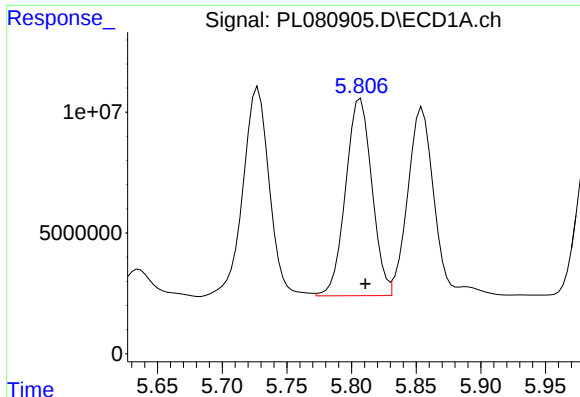
#10 gamma-Chlordane

R.T.: 5.728 min  
Delta R.T.: -0.004 min  
Response: 123177988  
Conc: 48.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min  
Delta R.T.: -0.008 min  
Response: 123160647  
Conc: 43.45 ng/ml m



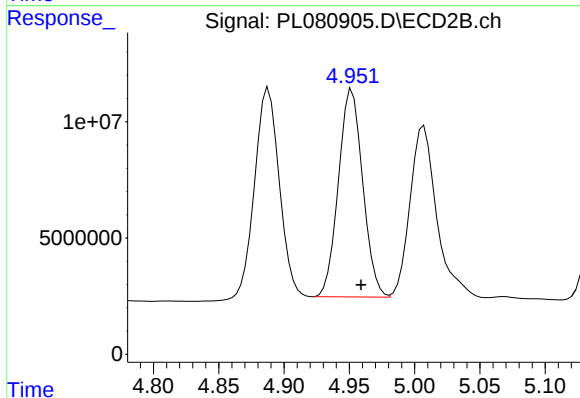
#11 alpha-Chlordane

R.T.: 5.807 min  
Delta R.T.: -0.004 min  
Response: 115211643  
Conc: 45.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MS

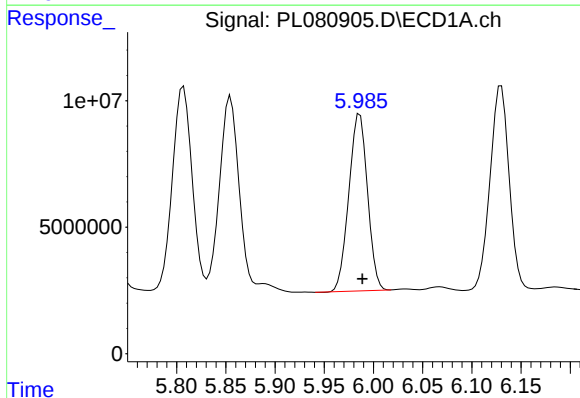
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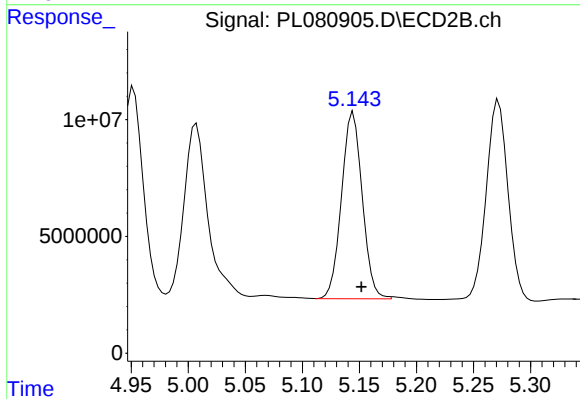
#11 alpha-Chlordane

R.T.: 4.952 min  
Delta R.T.: -0.007 min  
Response: 115815821  
Conc: 40.43 ng/ml



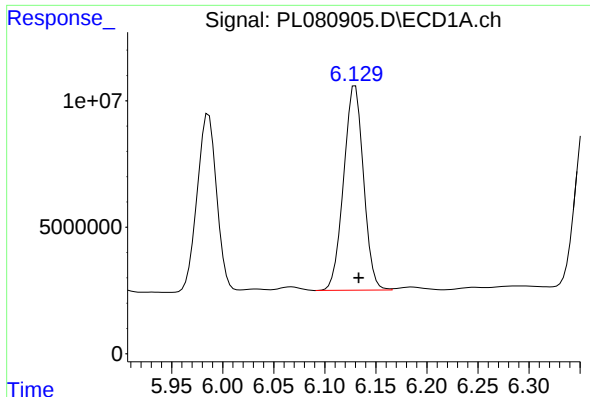
#12 4,4'-DDE

R.T.: 5.986 min  
Delta R.T.: -0.003 min  
Response: 92210876  
Conc: 41.40 ng/ml



#12 4,4'-DDE

R.T.: 5.143 min  
Delta R.T.: -0.009 min  
Response: 101243146  
Conc: 42.92 ng/ml m



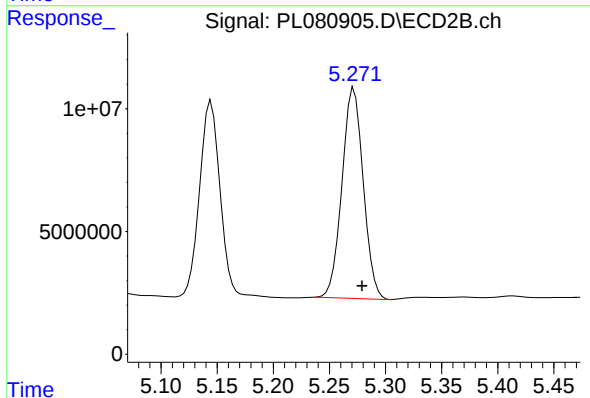
#13 Dieldrin

R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 109378971  
Conc: 45.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MS

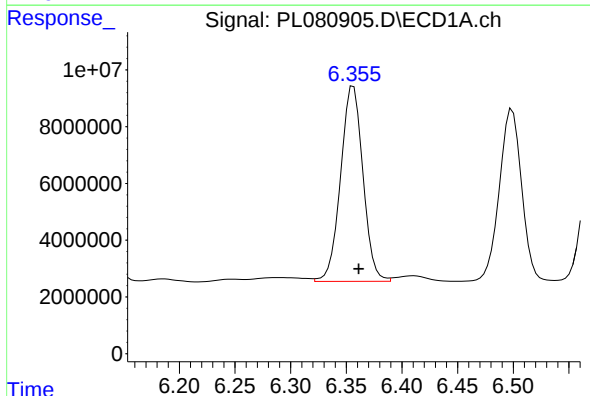
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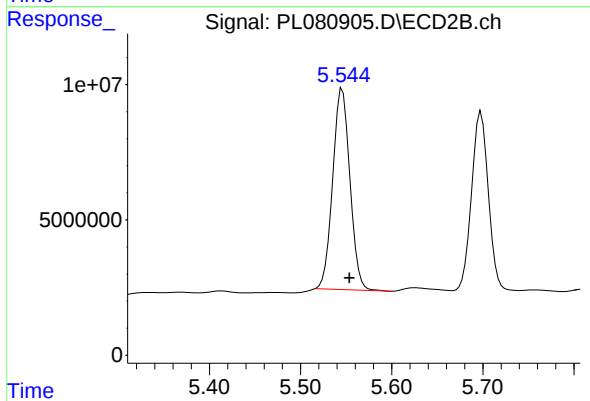
#13 Dieldrin

R.T.: 5.271 min  
Delta R.T.: -0.009 min  
Response: 112982946  
Conc: 41.77 ng/ml m



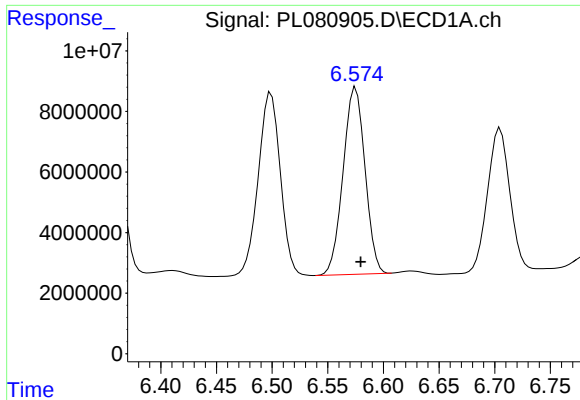
#14 Endrin

R.T.: 6.356 min  
Delta R.T.: -0.005 min  
Response: 96184117  
Conc: 44.47 ng/ml



#14 Endrin

R.T.: 5.546 min  
Delta R.T.: -0.008 min  
Response: 97590234  
Conc: 42.04 ng/ml



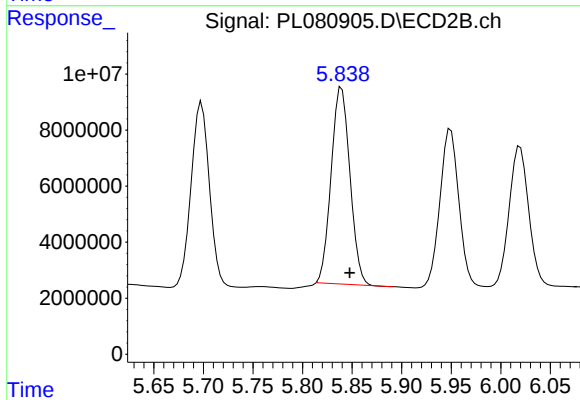
#15 Endosulfan II

R.T.: 6.575 min  
Delta R.T.: -0.004 min  
Response: 84677111  
Conc: 36.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MS

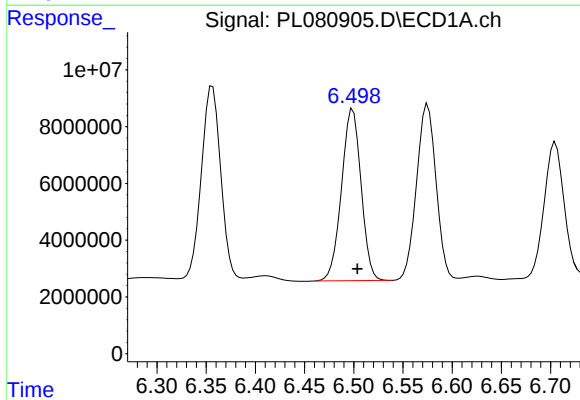
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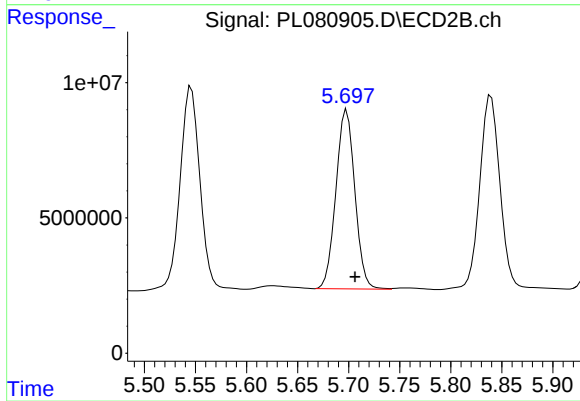
#15 Endosulfan II

R.T.: 5.839 min  
Delta R.T.: -0.008 min  
Response: 92374687  
Conc: 44.33 ng/ml



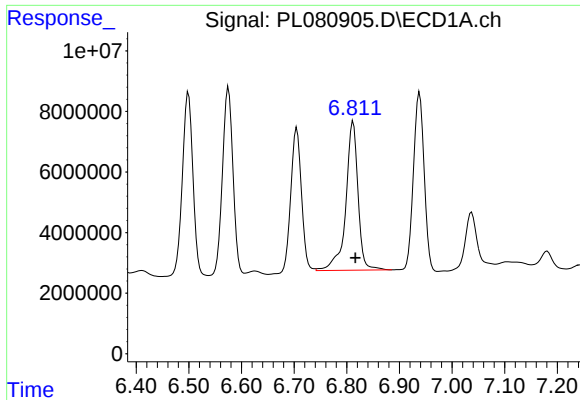
#16 4,4'-DDD

R.T.: 6.499 min  
Delta R.T.: -0.005 min  
Response: 83828751  
Conc: 45.76 ng/ml



#16 4,4'-DDD

R.T.: 5.698 min  
Delta R.T.: -0.008 min  
Response: 85584135  
Conc: 45.54 ng/ml



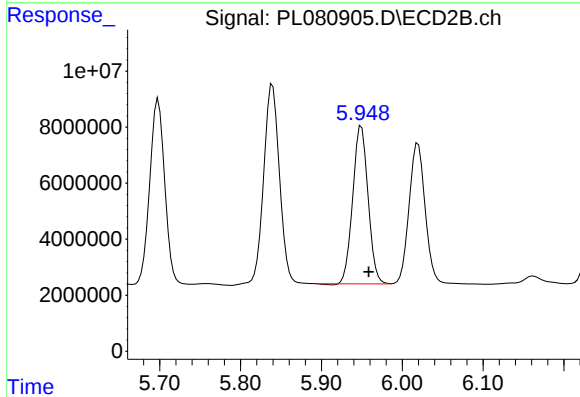
#17 4,4'-DDT

R.T.: 6.812 min  
Delta R.T.: -0.004 min  
Response: 80039527  
Conc: 38.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MS

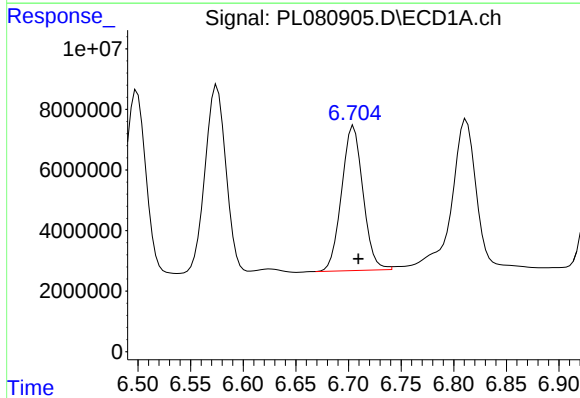
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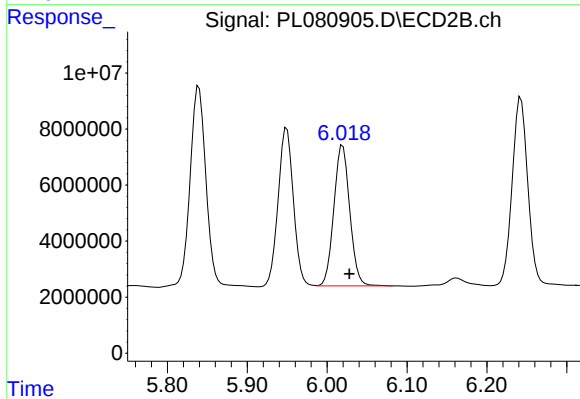
#17 4,4'-DDT

R.T.: 5.949 min  
Delta R.T.: -0.009 min  
Response: 74168800  
Conc: 35.29 ng/ml



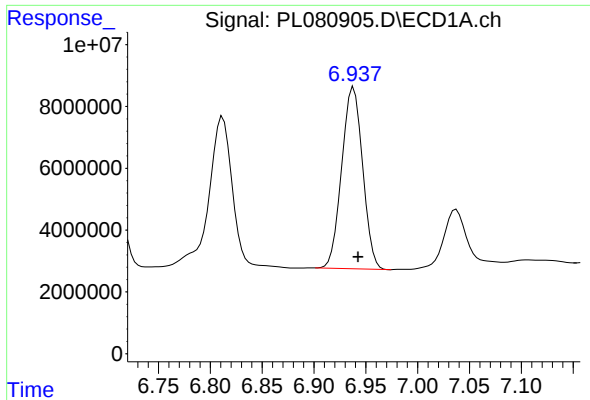
#18 Endrin aldehyde

R.T.: 6.704 min  
Delta R.T.: -0.006 min  
Response: 67955995  
Conc: 40.85 ng/ml m



#18 Endrin aldehyde

R.T.: 6.019 min  
Delta R.T.: -0.008 min  
Response: 69294828  
Conc: 37.95 ng/ml



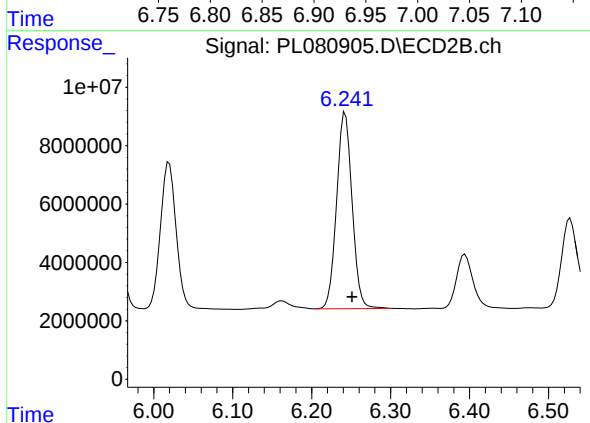
#19 Endosulfan Sulfate

R.T.: 6.938 min  
Delta R.T.: -0.004 min  
Response: 82685297  
Conc: 39.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MS

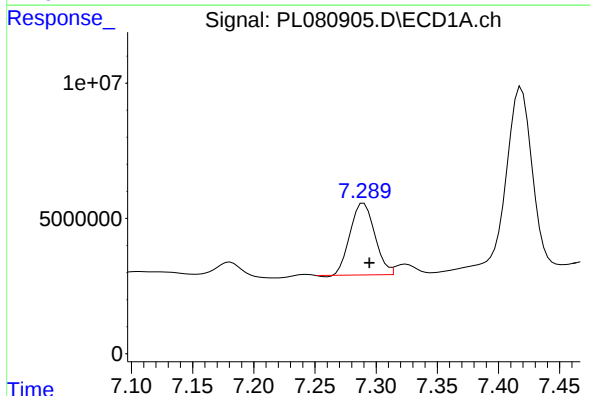
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



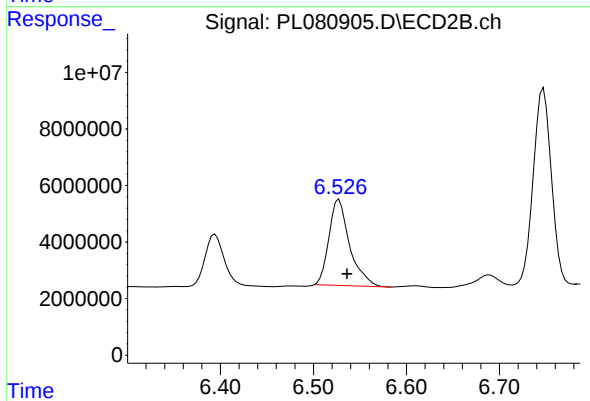
#19 Endosulfan Sulfate

R.T.: 6.243 min  
Delta R.T.: -0.009 min  
Response: 91593929  
Conc: 39.38 ng/ml



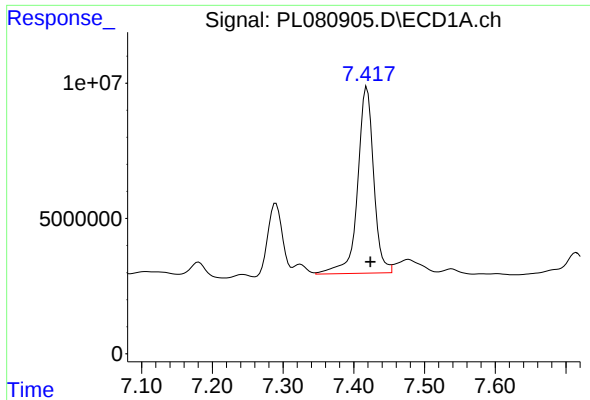
#20 Methoxychlor

R.T.: 7.290 min  
Delta R.T.: -0.005 min  
Response: 37119725  
Conc: 33.64 ng/ml



#20 Methoxychlor

R.T.: 6.527 min  
Delta R.T.: -0.009 min  
Response: 46966072  
Conc: 38.70 ng/ml



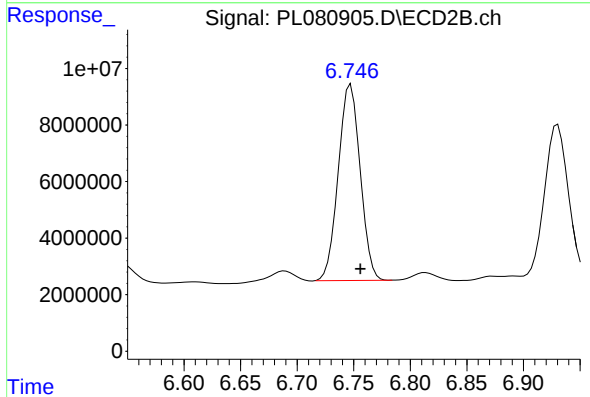
#21 Endrin ketone

R.T.: 7.419 min  
Delta R.T.: -0.005 min  
Response: 108845976  
Conc: 49.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MS

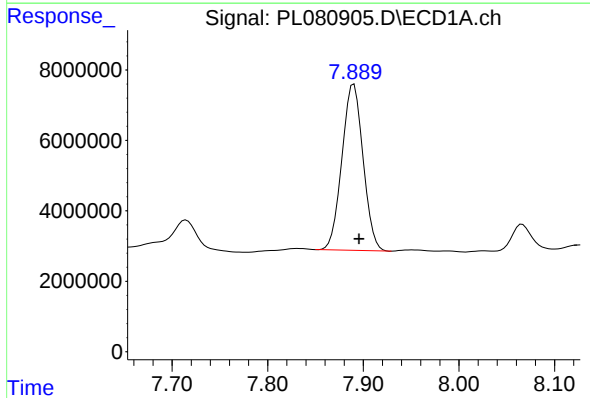
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



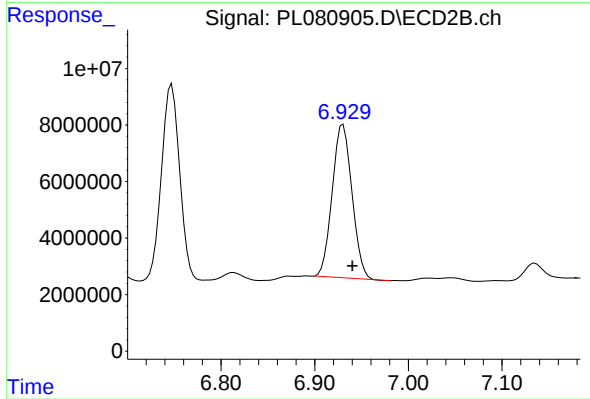
#21 Endrin ketone

R.T.: 6.747 min  
Delta R.T.: -0.009 min  
Response: 93518389  
Conc: 36.63 ng/ml



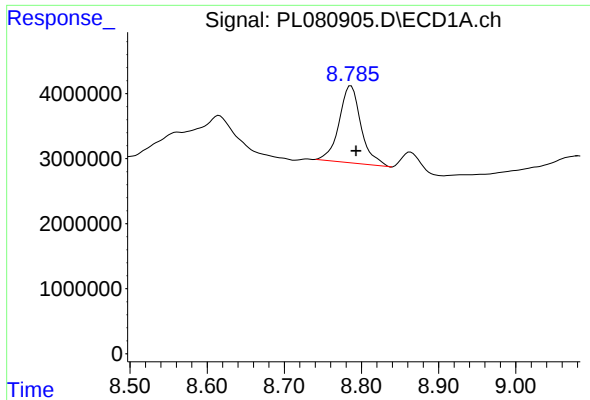
#22 Mirex

R.T.: 7.890 min  
Delta R.T.: -0.005 min  
Response: 72725368  
Conc: 42.29 ng/ml



#22 Mirex

R.T.: 6.930 min  
Delta R.T.: -0.010 min  
Response: 79508064  
Conc: 34.92 ng/ml



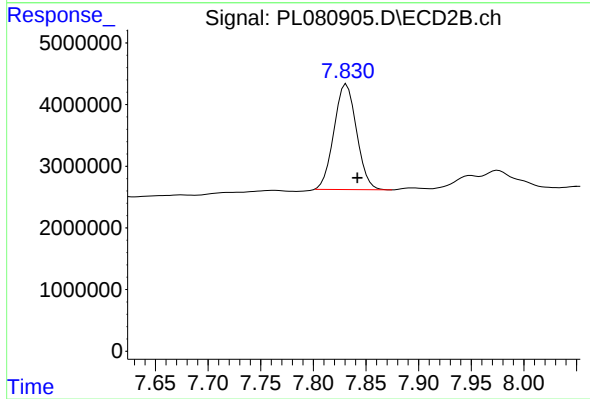
#28 Decachlorobiphenyl

R.T.: 8.787 min  
Delta R.T.: -0.006 min  
Response: 23195906  
Conc: 13.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



#28 Decachlorobiphenyl

R.T.: 7.832 min  
Delta R.T.: -0.010 min  
Response: 25613943  
Conc: 10.75 ng/ml