

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121423\  
 Data File : PL087165.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Dec 2023 16:03  
 Operator : AR\AJ  
 Sample : 05827-05MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 RT-SB-08-13.5-14.5MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/15/2023  
 Supervised By :Ankita Jodhani 12/15/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 21:54:02 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121223.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 12 17:22:26 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... | 3.456 | 2.703 | 61232672 | 17293593 | 16.783  | 17.510   |
| 28)                         | SA Decachlor... | 9.052 | 7.901 | 51525721 | 17274474 | 17.023  | 16.864   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.915 | 3.211 | 226.5E6  | 59648570 | 43.109  | 45.169   |
| 3)                          | MA gamma-BHC... | 4.250 | 3.542 | 194.5E6  | 57710444 | 39.593  | 44.076   |
| 4)                          | MA Heptachlor   | 4.845 | 3.886 | 148.6E6  | 55605860 | 29.314  | 42.828 # |
| 5)                          | MB Aldrin       | 5.189 | 4.167 | 127.8E6  | 53435700 | 26.652  | 43.552 # |
| 6)                          | B beta-BHC      | 4.451 | 3.844 | 79394428 | 26351247 | 37.790  | 44.170   |
| 7)                          | B delta-BHC     | 4.698 | 4.074 | 150.8E6  | 56819883 | 32.966  | 44.278 # |
| 8)                          | B Heptachlo...  | 5.622 | 4.675 | 163.2E6  | 50261471 | 38.512  | 43.557   |
| 9)                          | A Endosulfan I  | 6.010 | 5.046 | 167.1E6  | 48996358 | 41.419  | 40.305   |
| 10)                         | B gamma-Chl...  | 5.881 | 4.929 | 178.1E6  | 53853919 | 41.518  | 44.005   |
| 11)                         | B alpha-Chl...  | 5.962 | 4.993 | 177.5E6  | 52705168 | 41.495  | 41.893   |
| 12)                         | B 4,4'-DDE      | 6.147 | 5.192 | 147.7E6  | 45147171 | 45.123  | 43.433   |
| 13)                         | MA Dieldrin     | 6.289 | 5.314 | 169.3E6  | 48294228 | 41.537  | 41.503   |
| 14)                         | MA Endrin       | 6.520 | 5.589 | 132.1E6  | 41630766 | 39.643  | 40.718   |
| 15)                         | B Endosulfa...  | 6.744 | 5.888 | 140.4E6  | 40686265 | 38.737  | 41.567   |
| 16)                         | A 4,4'-DDD      | 6.670 | 5.750 | 125.0E6  | 39223524 | 51.361  | 47.303   |
| 17)                         | MA 4,4'-DDT     | 6.988 | 6.004 | 117.6E6  | 36159031 | 41.632m | 41.217   |
| 18)                         | B Endrin al...  | 6.876 | 6.070 | 108.4E6  | 32433160 | 46.033  | 40.705   |
| 19)                         | B Endosulfa...  | 7.114 | 6.295 | 147.1E6  | 41741404 | 44.747  | 44.677   |
| 20)                         | A Methoxychlor  | 7.481 | 6.590 | 64356335 | 21218171 | 44.007  | 38.916   |
| 21)                         | B Endrin ke...  | 7.602 | 6.800 | 153.6E6  | 47515211 | 47.356  | 44.210   |
| 22)                         | Mirex           | 8.081 | 6.984 | 125.6E6  | 39866297 | 42.690  | 42.422   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121423\  
 Data File : PL087165.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Dec 2023 16:03  
 Operator : AR\AJ  
 Sample : 05827-05MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

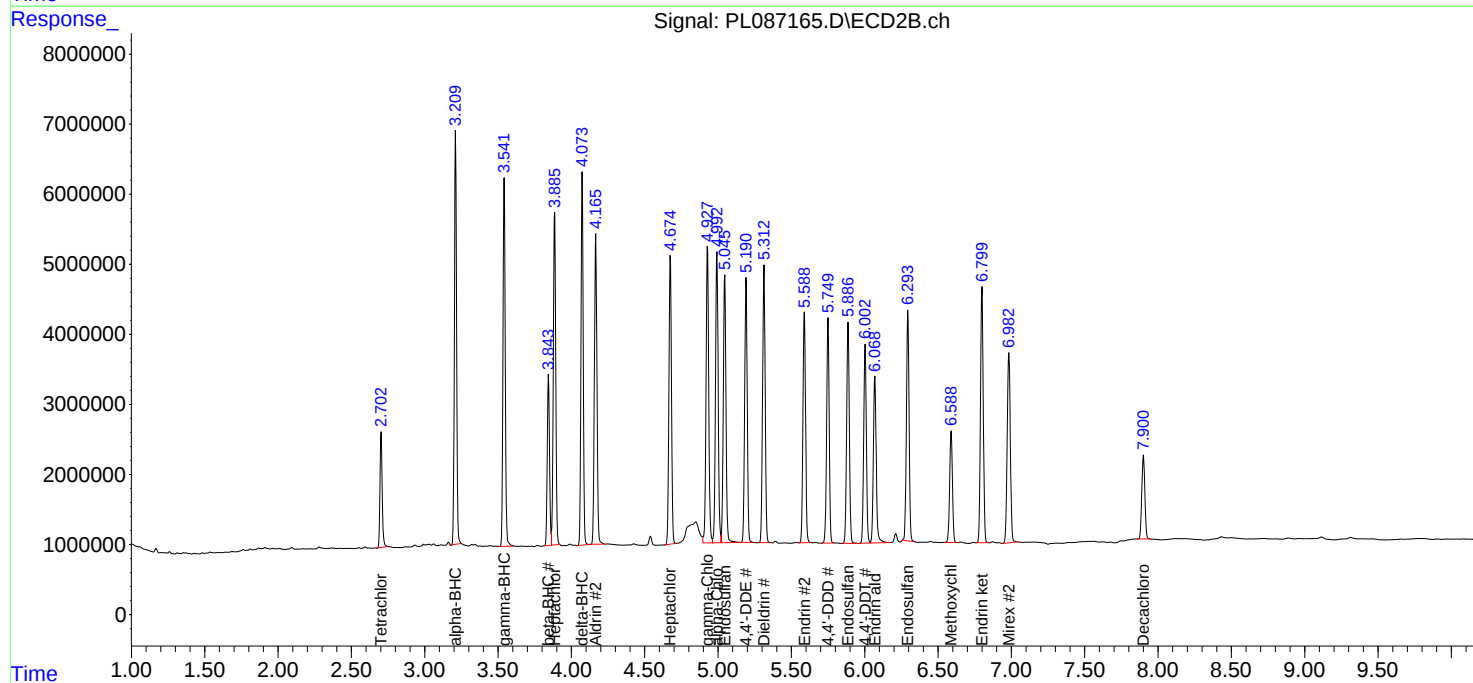
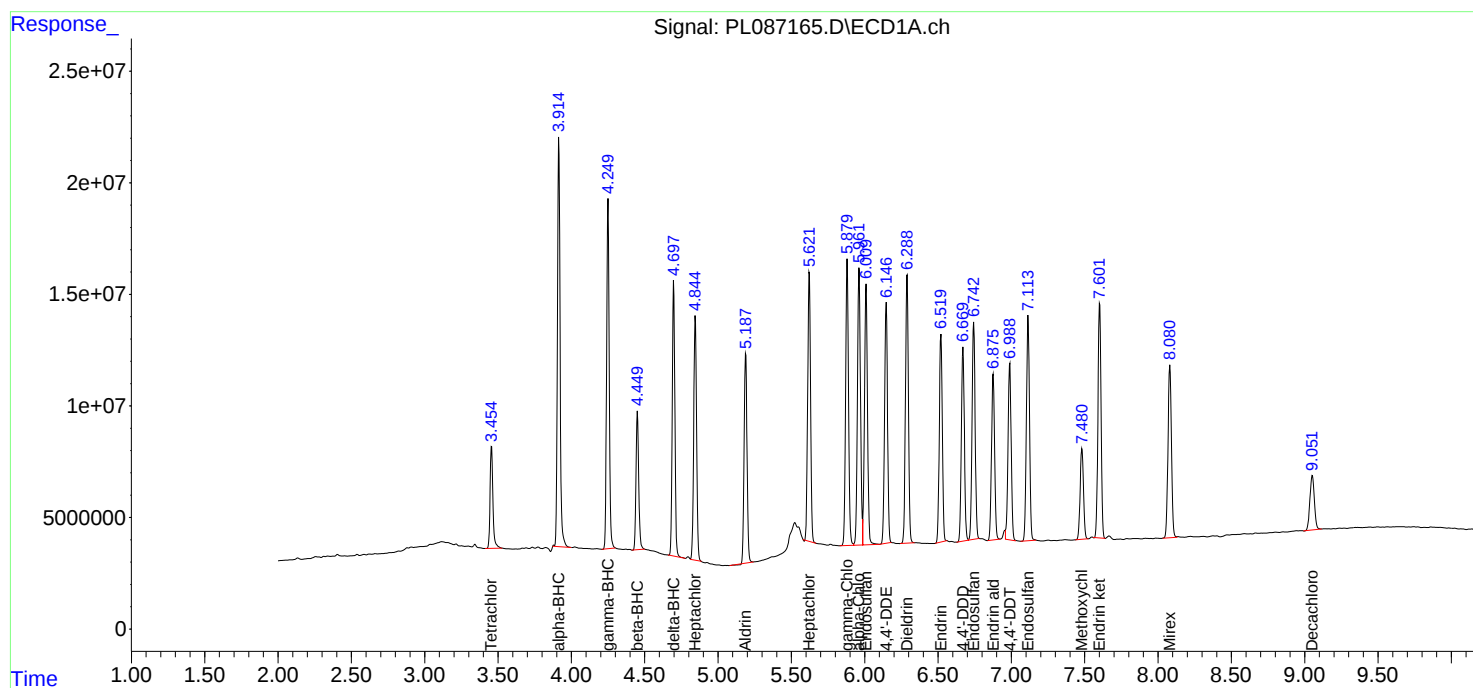
Instrument :  
 ECD\_L  
 ClientSampleId :  
 RT-SB-08-13.5-14.5MS

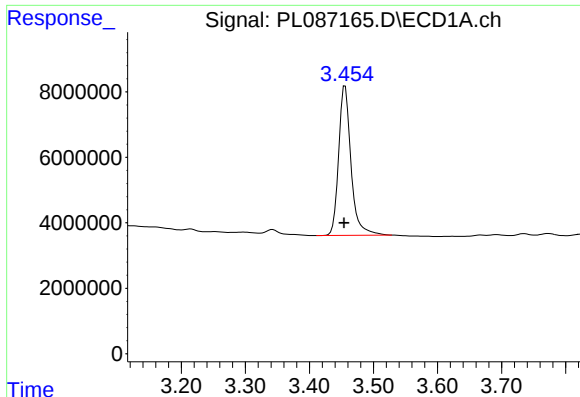
### Manual Integrations APPROVED

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 21:54:02 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121223.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 12 17:22:26 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





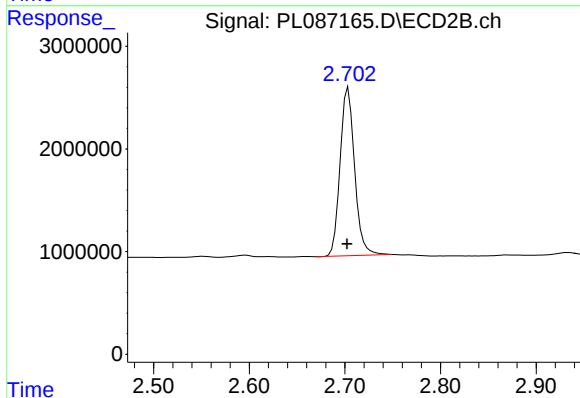
#1 Tetrachloro-m-xylene

R.T.: 3.456 min  
Delta R.T.: 0.002 min  
Response: 61232672  
Conc: 16.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-SB-08-13.5-14.5MS

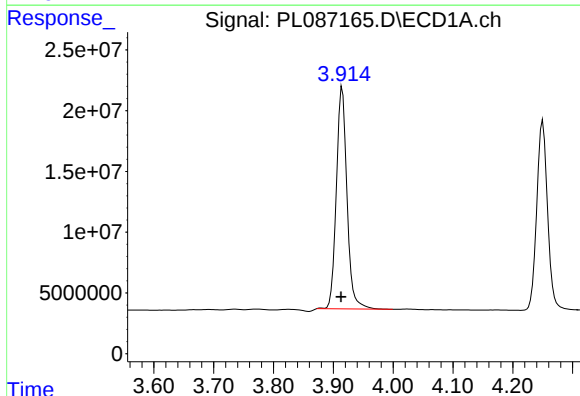
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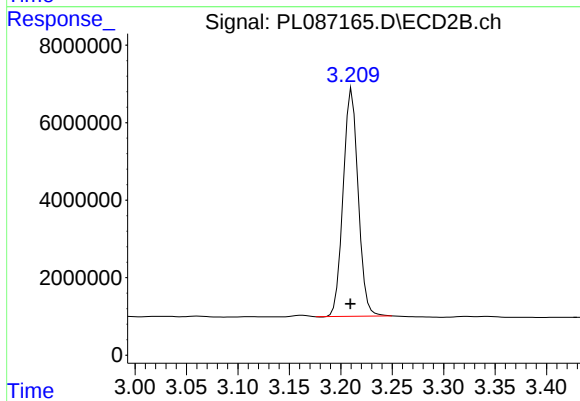
#1 Tetrachloro-m-xylene

R.T.: 2.703 min  
Delta R.T.: 0.001 min  
Response: 17293593  
Conc: 17.51 ng/ml



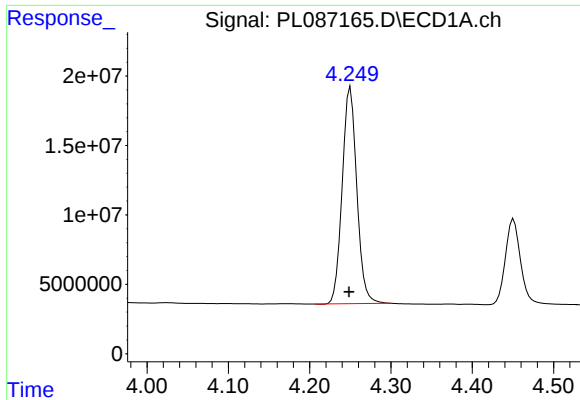
#2 alpha-BHC

R.T.: 3.915 min  
Delta R.T.: 0.002 min  
Response: 226456574  
Conc: 43.11 ng/ml



#2 alpha-BHC

R.T.: 3.211 min  
Delta R.T.: 0.001 min  
Response: 59648570  
Conc: 45.17 ng/ml



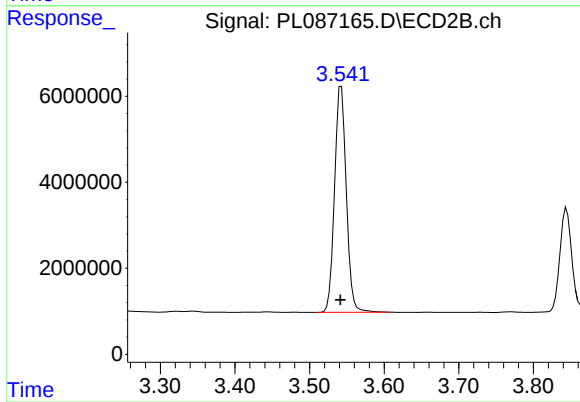
#3 gamma-BHC (Lindane)

R.T.: 4.250 min  
Delta R.T.: 0.002 min  
Response: 194460819  
Conc: 39.59 ng/ml

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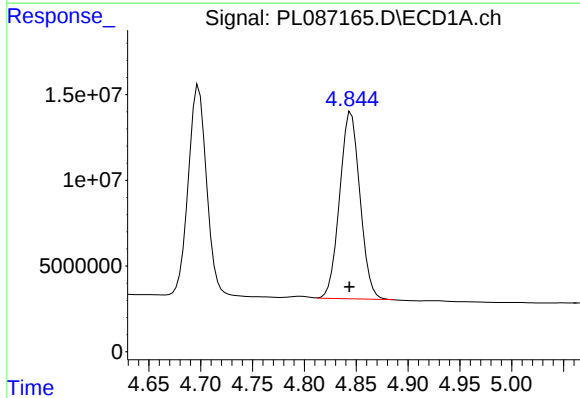
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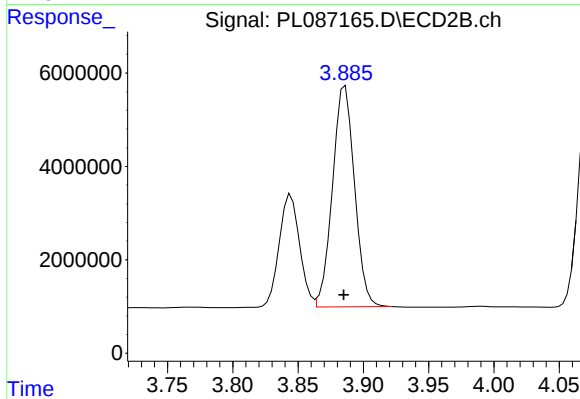
#3 gamma-BHC (Lindane)

R.T.: 3.542 min  
Delta R.T.: 0.001 min  
Response: 57710444  
Conc: 44.08 ng/ml



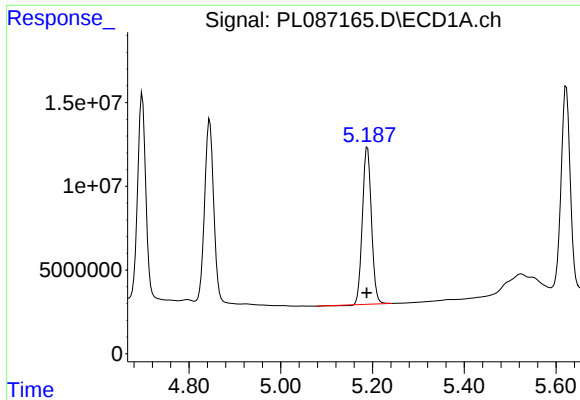
#4 Heptachlor

R.T.: 4.845 min  
Delta R.T.: 0.001 min  
Response: 148590825  
Conc: 29.31 ng/ml



#4 Heptachlor

R.T.: 3.886 min  
Delta R.T.: 0.001 min  
Response: 55605860  
Conc: 42.83 ng/ml



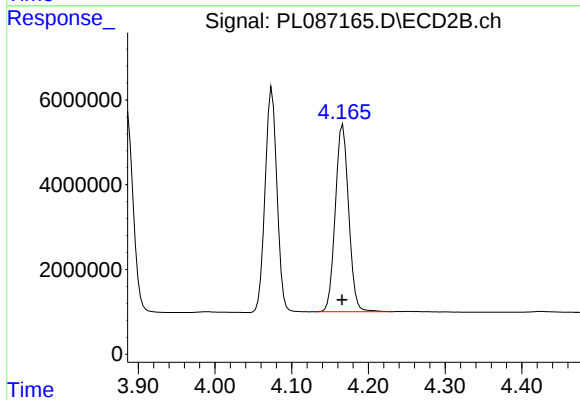
#5 Aldrin

R.T.: 5.189 min  
Delta R.T.: 0.001 min  
Response: 127779461  
Conc: 26.65 ng/ml

Instrument :  
ECD\_L  
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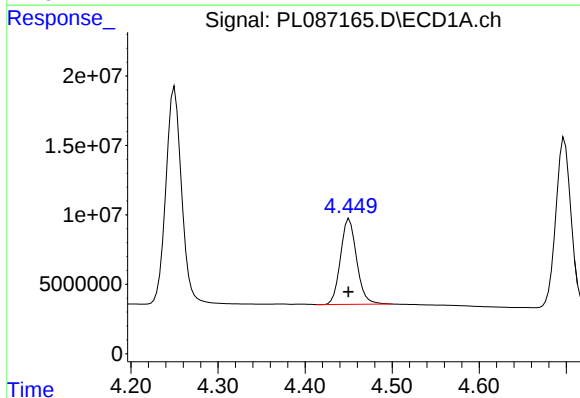
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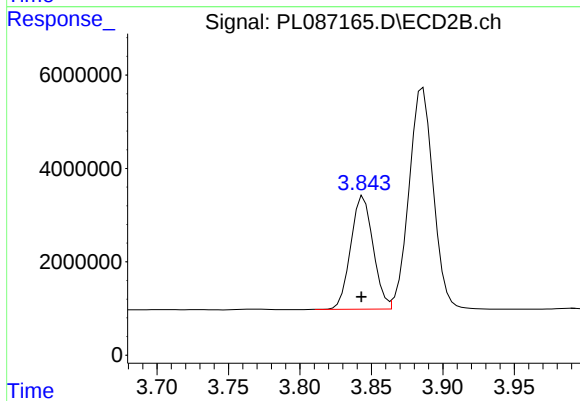
#5 Aldrin

R.T.: 4.167 min  
Delta R.T.: 0.000 min  
Response: 53435700  
Conc: 43.55 ng/ml



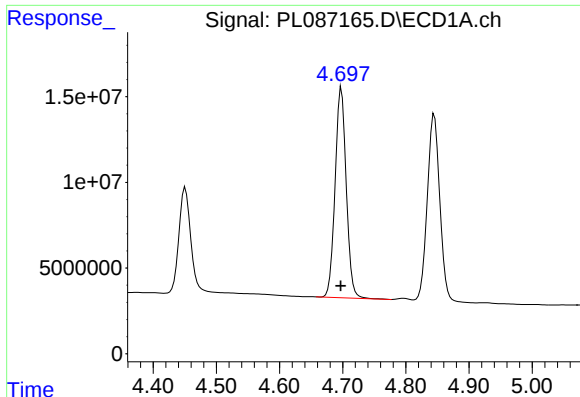
#6 beta-BHC

R.T.: 4.451 min  
Delta R.T.: 0.001 min  
Response: 79394428  
Conc: 37.79 ng/ml



#6 beta-BHC

R.T.: 3.844 min  
Delta R.T.: 0.001 min  
Response: 26351247  
Conc: 44.17 ng/ml



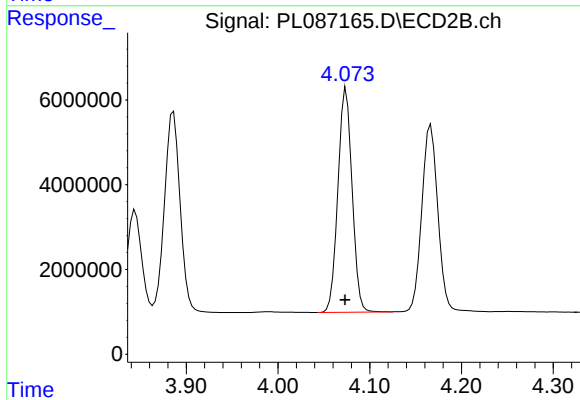
#7 delta-BHC

R.T.: 4.698 min  
Delta R.T.: 0.001 min  
Response: 150804130  
Conc: 32.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-SB-08-13.5-14.5MS

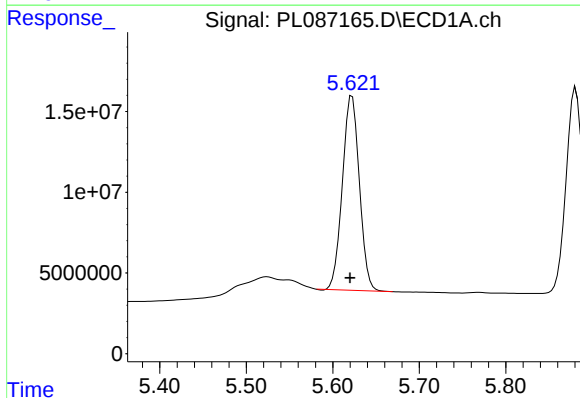
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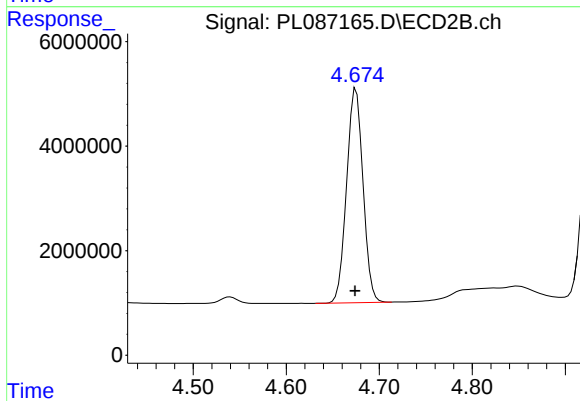
#7 delta-BHC

R.T.: 4.074 min  
Delta R.T.: 0.001 min  
Response: 56819883  
Conc: 44.28 ng/ml



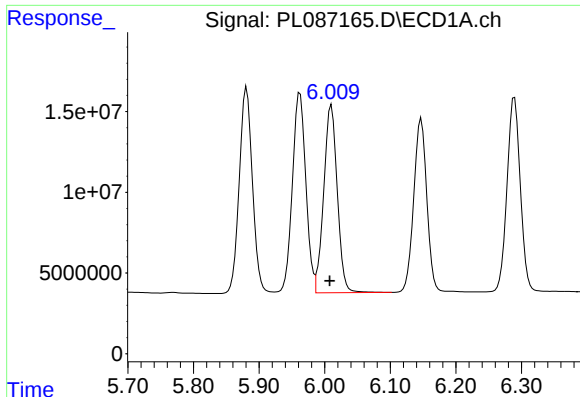
#8 Heptachlor epoxide

R.T.: 5.622 min  
Delta R.T.: 0.002 min  
Response: 163233820  
Conc: 38.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.675 min  
Delta R.T.: 0.001 min  
Response: 50261471  
Conc: 43.56 ng/ml



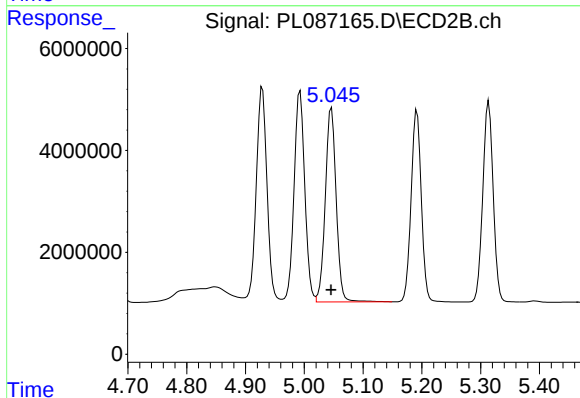
#9 Endosulfan I

R.T.: 6.010 min  
Delta R.T.: 0.002 min  
Response: 167117587  
Conc: 41.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-SB-08-13.5-14.5MS

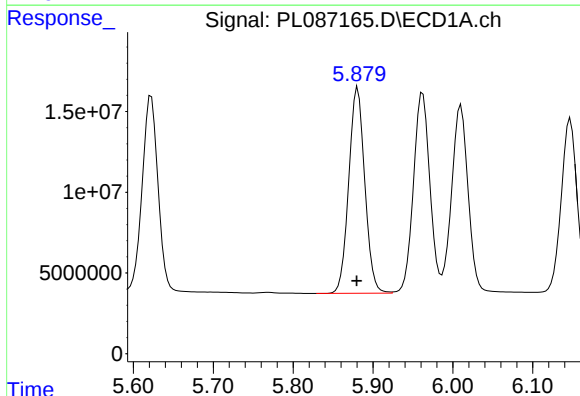
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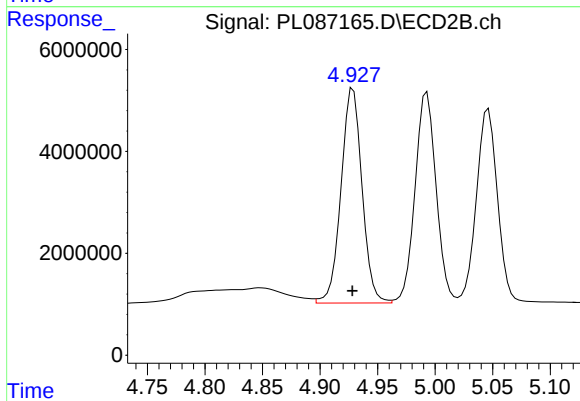
#9 Endosulfan I

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 48996358  
Conc: 40.30 ng/ml



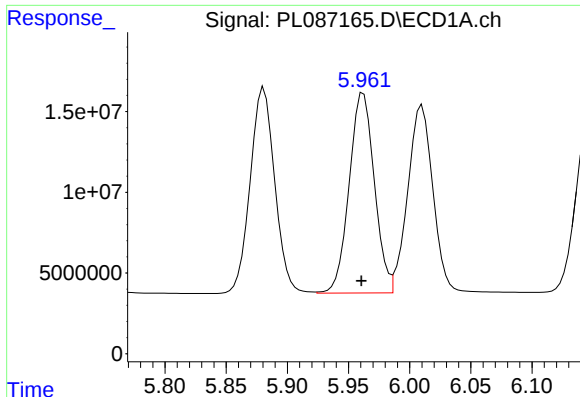
#10 gamma-Chlordane

R.T.: 5.881 min  
Delta R.T.: 0.001 min  
Response: 178136583  
Conc: 41.52 ng/ml



#10 gamma-Chlordane

R.T.: 4.929 min  
Delta R.T.: 0.000 min  
Response: 53853919  
Conc: 44.01 ng/ml



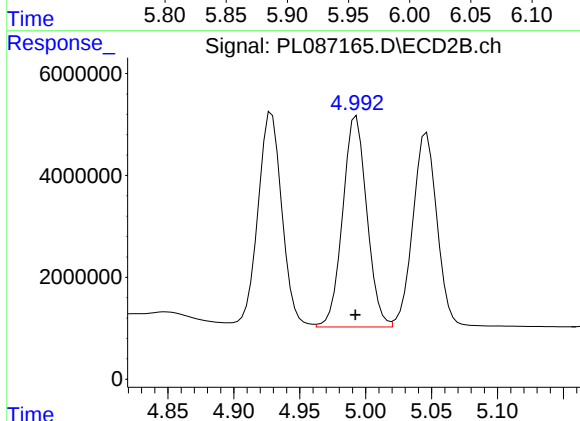
#11 alpha-Chlordane

R.T.: 5.962 min  
Delta R.T.: 0.002 min  
Response: 177463928  
Conc: 41.50 ng/ml

Instrument :  
ECD\_L  
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RT-SB-08-13.5-14.5MS

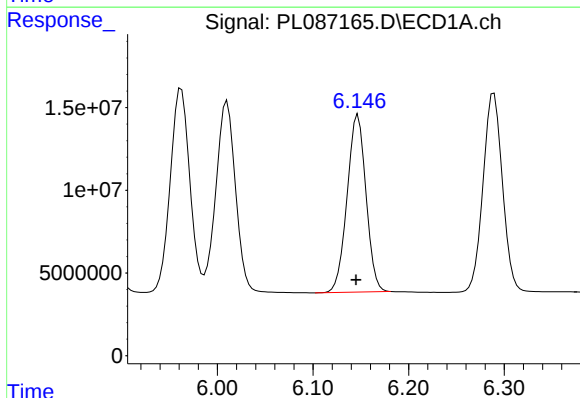
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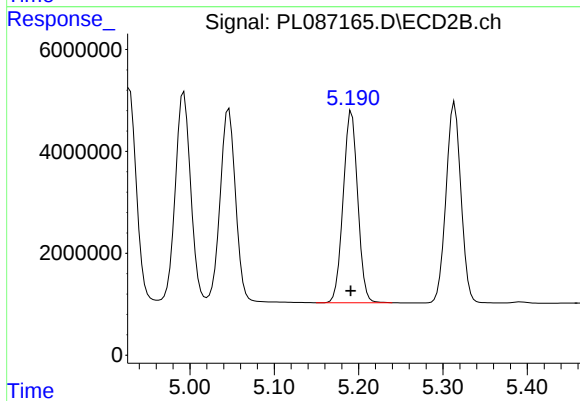
#11 alpha-Chlordane

R.T.: 4.993 min  
Delta R.T.: 0.000 min  
Response: 52705168  
Conc: 41.89 ng/ml



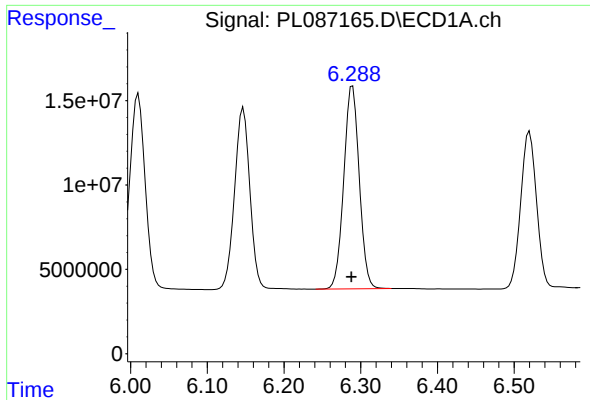
#12 4,4'-DDE

R.T.: 6.147 min  
Delta R.T.: 0.002 min  
Response: 147707024  
Conc: 45.12 ng/ml



#12 4,4'-DDE

R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 45147171  
Conc: 43.43 ng/ml



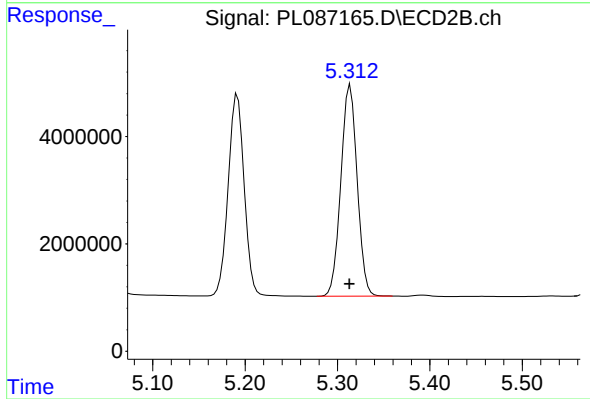
#13 Dieldrin

R.T.: 6.289 min  
Delta R.T.: 0.001 min  
Response: 169281791  
Conc: 41.54 ng/ml

Instrument :  
ECD\_L  
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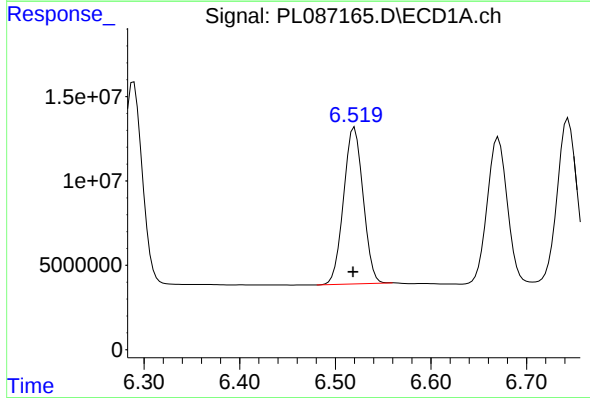
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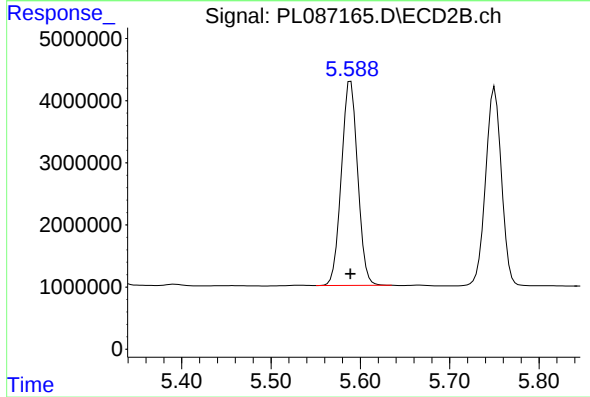
#13 Dieldrin

R.T.: 5.314 min  
Delta R.T.: 0.000 min  
Response: 48294228  
Conc: 41.50 ng/ml



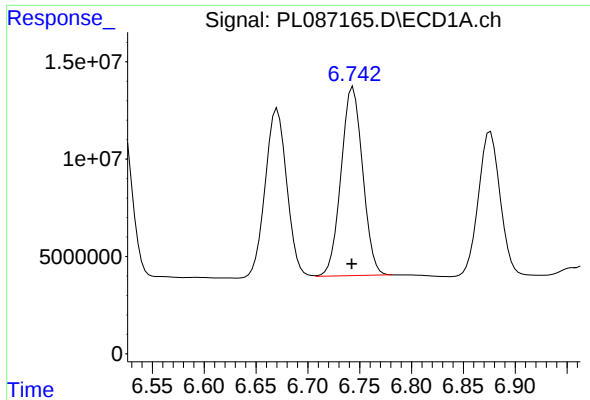
#14 Endrin

R.T.: 6.520 min  
Delta R.T.: 0.002 min  
Response: 132056493  
Conc: 39.64 ng/ml



#14 Endrin

R.T.: 5.589 min  
Delta R.T.: 0.000 min  
Response: 41630766  
Conc: 40.72 ng/ml



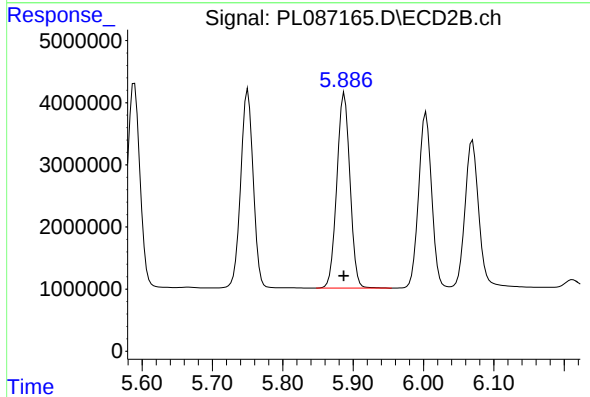
#15 Endosulfan II

R.T.: 6.744 min  
Delta R.T.: 0.001 min  
Response: 140361304  
Conc: 38.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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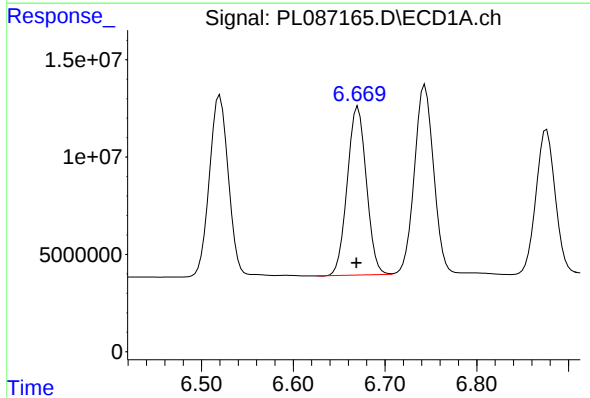
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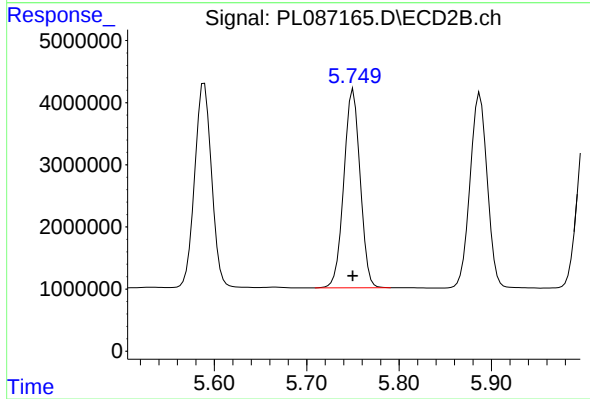
#15 Endosulfan II

R.T.: 5.888 min  
Delta R.T.: 0.000 min  
Response: 40686265  
Conc: 41.57 ng/ml



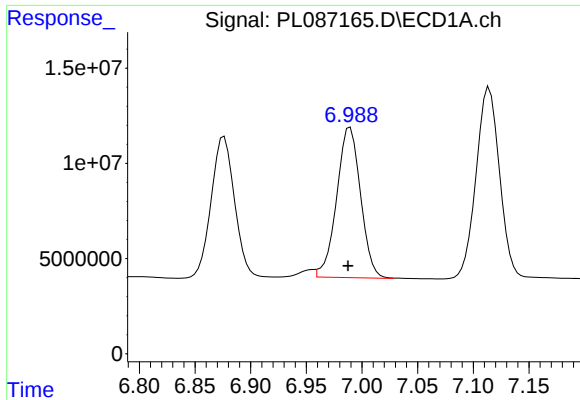
#16 4,4'-DDD

R.T.: 6.670 min  
Delta R.T.: 0.002 min  
Response: 124983809  
Conc: 51.36 ng/ml



#16 4,4'-DDD

R.T.: 5.750 min  
Delta R.T.: 0.000 min  
Response: 39223524  
Conc: 47.30 ng/ml



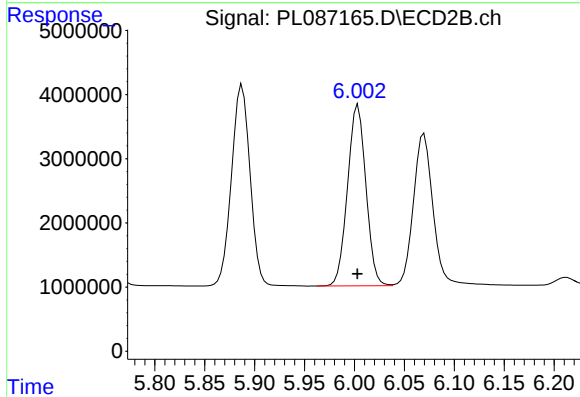
#17 4,4'-DDT

R.T.: 6.988 min  
Delta R.T.: 0.000 min  
Response: 117623836  
Conc: 41.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-SB-08-13.5-14.5MS

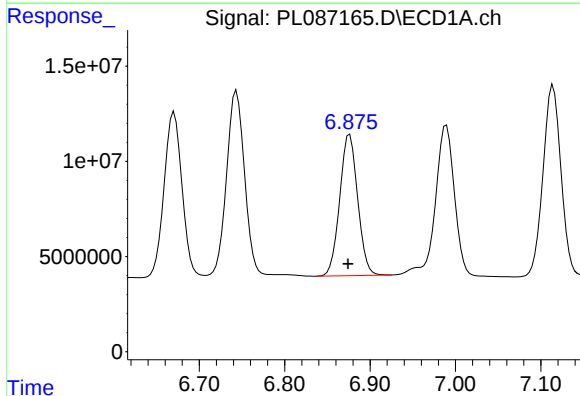
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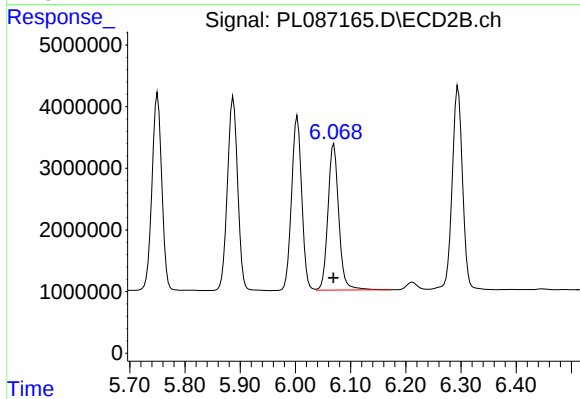
#17 4,4'-DDT

R.T.: 6.004 min  
Delta R.T.: 0.000 min  
Response: 36159031  
Conc: 41.22 ng/ml



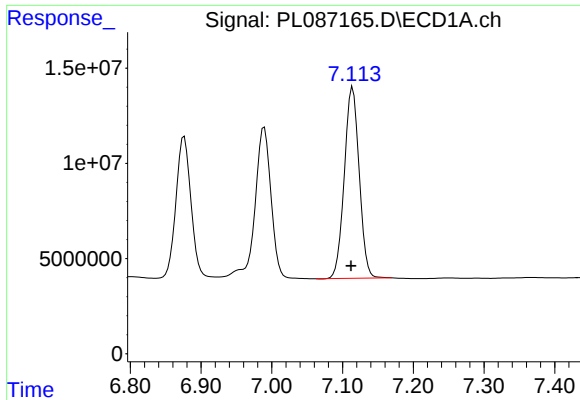
#18 Endrin aldehyde

R.T.: 6.876 min  
Delta R.T.: 0.002 min  
Response: 108358802  
Conc: 46.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.070 min  
Delta R.T.: 0.000 min  
Response: 32433160  
Conc: 40.70 ng/ml



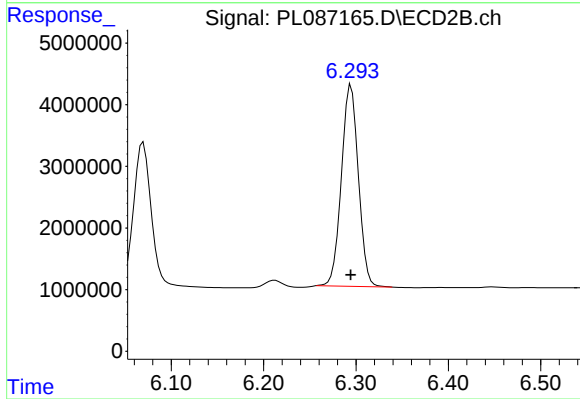
#19 Endosulfan Sulfate

R.T.: 7.114 min  
Delta R.T.: 0.002 min  
Response: 147104515  
Conc: 44.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-SB-08-13.5-14.5MS

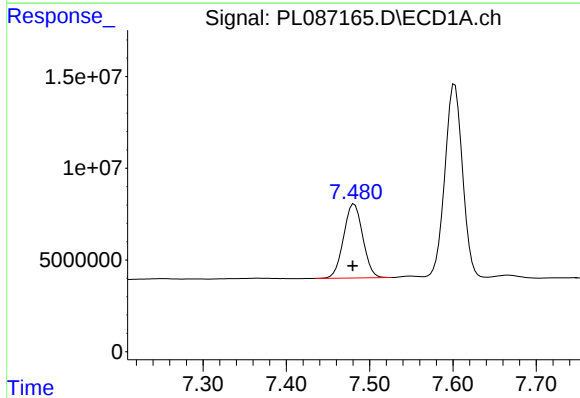
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/15/2023  
Supervised By :Ankita Jodhani 12/15/2023



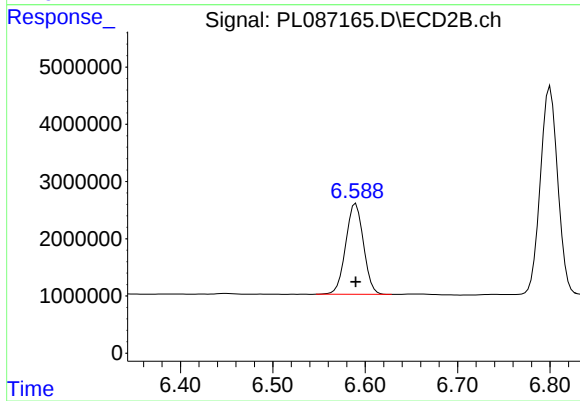
#19 Endosulfan Sulfate

R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 41741404  
Conc: 44.68 ng/ml



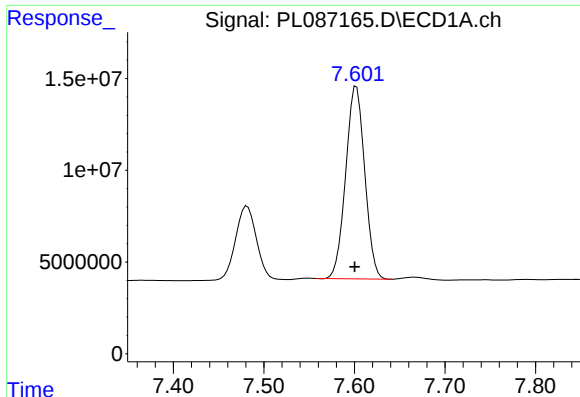
#20 Methoxychlor

R.T.: 7.481 min  
Delta R.T.: 0.002 min  
Response: 64356335  
Conc: 44.01 ng/ml



#20 Methoxychlor

R.T.: 6.590 min  
Delta R.T.: 0.000 min  
Response: 21218171  
Conc: 38.92 ng/ml



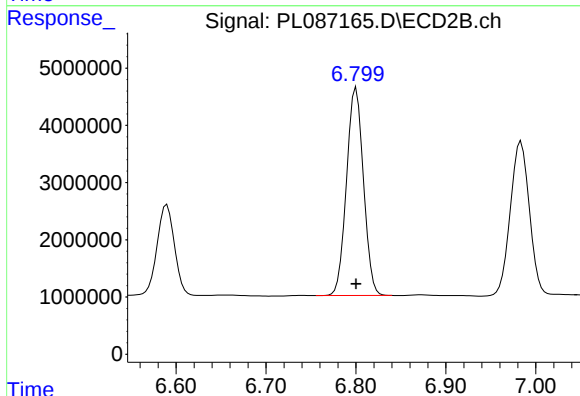
#21 Endrin ketone

R.T.: 7.602 min  
Delta R.T.: 0.002 min  
Response: 153643674  
Conc: 47.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-SB-08-13.5-14.5MS

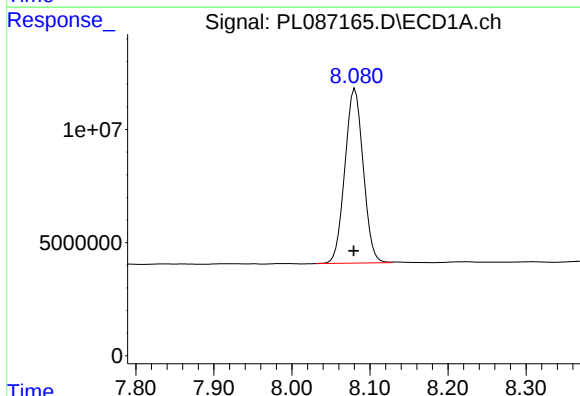
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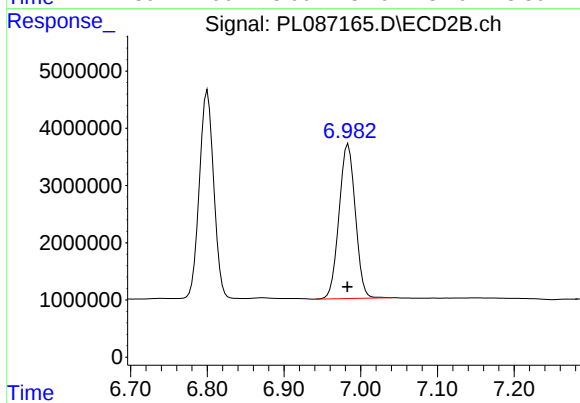
#21 Endrin ketone

R.T.: 6.800 min  
Delta R.T.: 0.000 min  
Response: 47515211  
Conc: 44.21 ng/ml



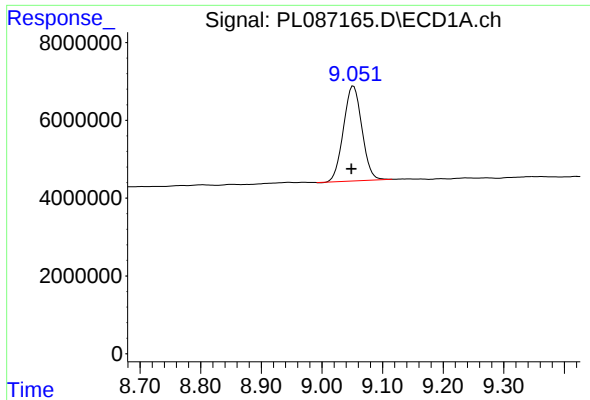
#22 Mirex

R.T.: 8.081 min  
Delta R.T.: 0.002 min  
Response: 125639373  
Conc: 42.69 ng/ml



#22 Mirex

R.T.: 6.984 min  
Delta R.T.: 0.000 min  
Response: 39866297  
Conc: 42.42 ng/ml



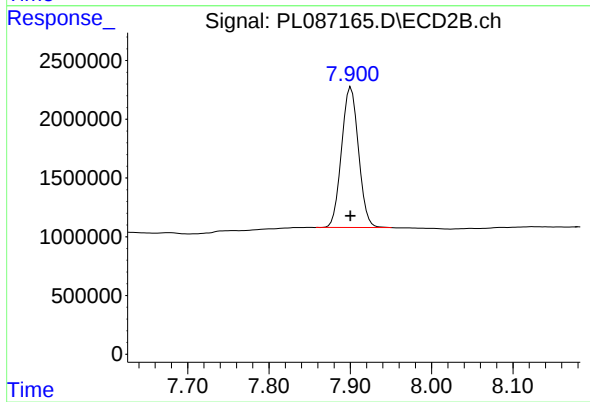
#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: 0.003 min  
Response: 51525721  
Conc: 17.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-SB-08-13.5-14.5MS

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#28 Decachlorobiphenyl

R.T.: 7.901 min  
Delta R.T.: 0.000 min  
Response: 17274474  
Conc: 16.86 ng/ml