

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072723\  
 Data File : PL084291.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2023 10:07  
 Operator : AR\AJ  
 Sample : PB154452BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB154452BSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/28/2023  
 Supervised By : Ankita Jodhani 07/28/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 27 21:24:19 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 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... | 3.481 | 2.688 | 35612437 | 16994418 | 17.807  | 15.302 |
| 28)                         | SA Decachlor... | 9.030 | 7.871 | 28337967 | 21917684 | 21.771  | 19.726 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.939 | 3.194 | 143.8E6  | 71128636 | 49.065  | 44.238 |
| 3)                          | MA gamma-BHC... | 4.273 | 3.525 | 131.9E6  | 66702929 | 46.695  | 43.864 |
| 4)                          | MA Heptachlor   | 4.865 | 3.866 | 155.9E6  | 65048945 | 57.351  | 55.197 |
| 5)                          | MB Aldrin       | 5.207 | 4.146 | 141.6E6  | 64332725 | 49.455  | 42.666 |
| 6)                          | B beta-BHC      | 4.472 | 3.827 | 58871723 | 29580416 | 49.066  | 44.815 |
| 7)                          | B delta-BHC     | 4.718 | 4.055 | 139.0E6  | 66662703 | 52.136  | 44.071 |
| 8)                          | B Heptachlo...  | 5.637 | 4.653 | 133.5E6  | 59572150 | 50.014  | 46.389 |
| 9)                          | A Endosulfan I  | 6.023 | 5.023 | 114.8E6  | 56385074 | 48.492  | 45.971 |
| 10)                         | B gamma-Chl...  | 5.894 | 4.906 | 126.5E6  | 61980450 | 48.991  | 46.526 |
| 11)                         | B alpha-Chl...  | 5.974 | 4.970 | 122.9E6  | 61408150 | 48.357  | 45.584 |
| 12)                         | B 4,4'-DDE      | 6.153 | 5.168 | 102.0E6  | 56786219 | 50.720  | 46.230 |
| 13)                         | MA Dieldrin     | 6.300 | 5.290 | 112.1E6  | 59659096 | 46.928  | 45.809 |
| 14)                         | MA Endrin       | 6.528 | 5.565 | 91195518 | 53368729 | 47.886m | 48.550 |
| 15)                         | B Endosulfa...  | 6.748 | 5.863 | 86635932 | 50820934 | 46.223m | 44.217 |
| 16)                         | A 4,4'-DDD      | 6.671 | 5.726 | 79590212 | 50401171 | 54.197  | 52.537 |
| 17)                         | MA 4,4'-DDT     | 6.987 | 5.978 | 78183610 | 48855484 | 49.024  | 53.641 |
| 18)                         | B Endrin al...  | 6.880 | 6.044 | 70787058 | 42797892 | 48.316  | 47.609 |
| 19)                         | B Endosulfa...  | 7.114 | 6.270 | 86234990 | 53612088 | 49.884m | 48.782 |
| 20)                         | A Methoxychlor  | 7.467 | 6.563 | 38851053 | 27297217 | 49.668m | 56.959 |
| 21)                         | B Endrin ke...  | 7.598 | 6.774 | 86088357 | 64635012 | 49.124m | 50.024 |
| 22)                         | Mirex           | 8.075 | 6.955 | 70185595 | 50355132 | 49.048  | 49.335 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072723\  
Data File : PL084291.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jul 2023 10:07  
Operator : AR\AJ  
Sample : PB154452BSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

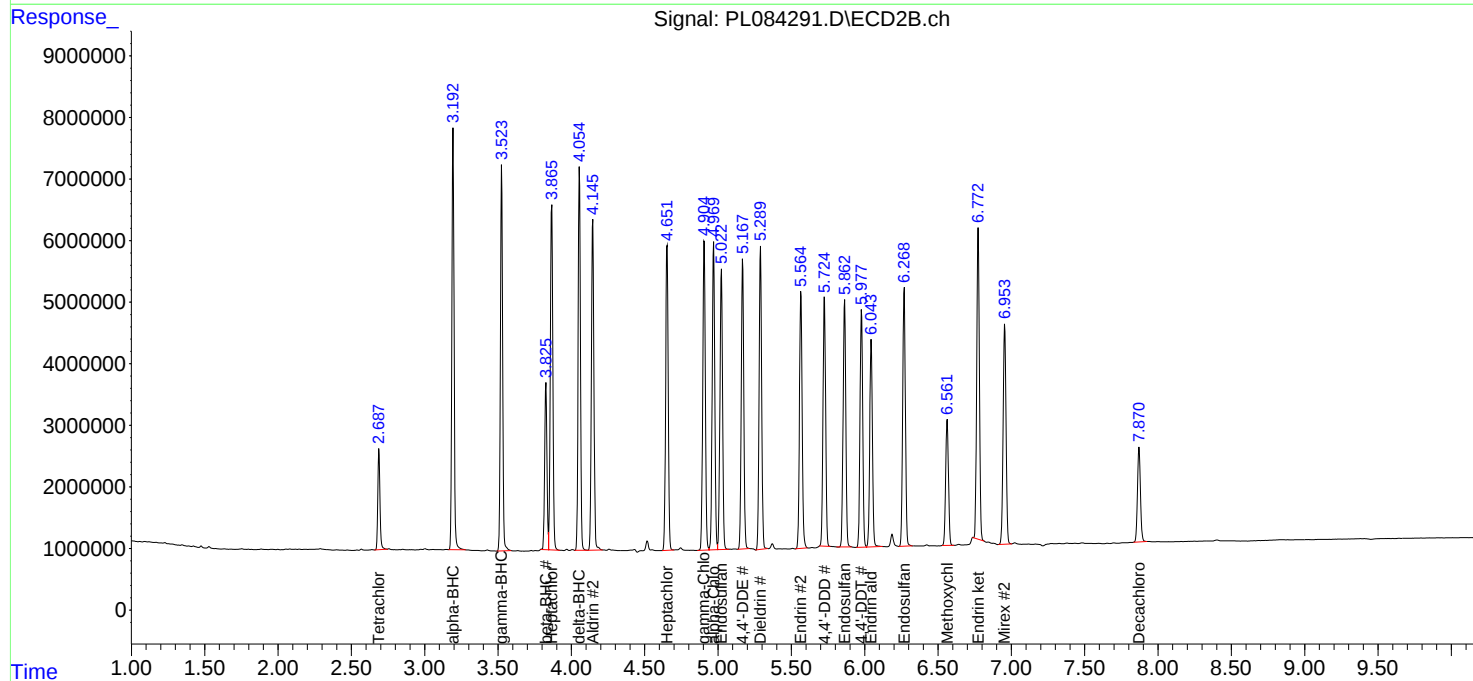
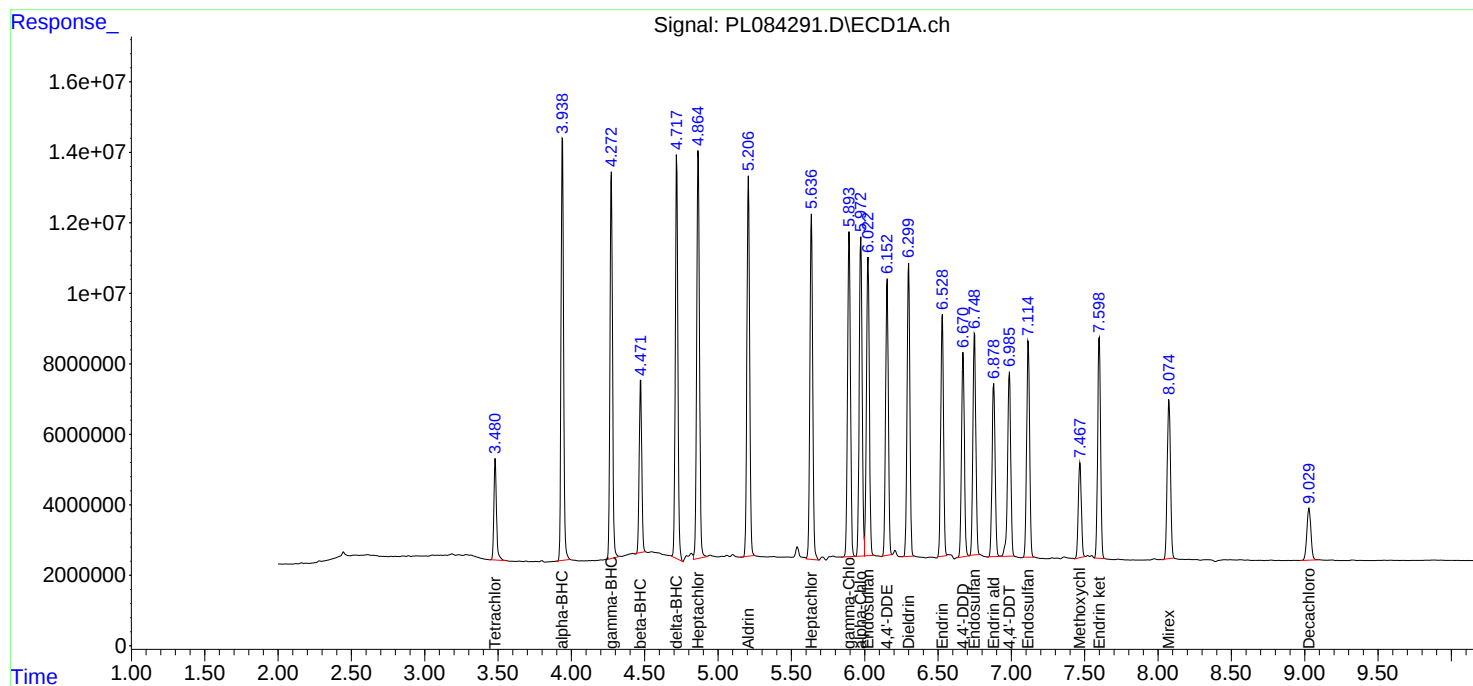
Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

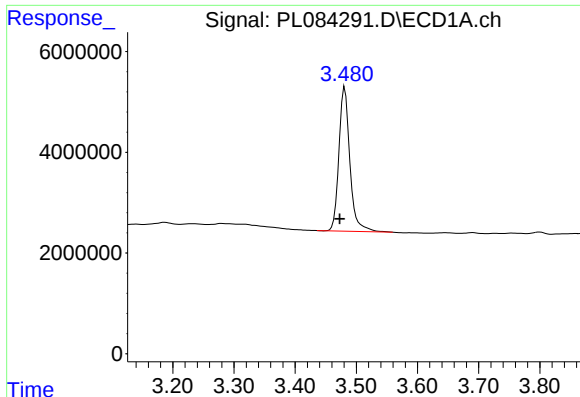
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 27 21:24:19 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 00:03:54 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





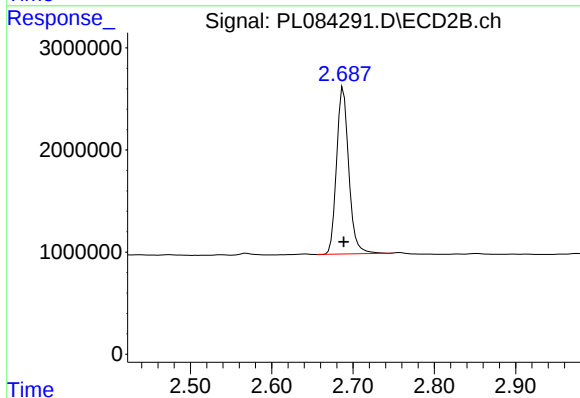
#1 Tetrachloro-m-xylene

R.T.: 3.481 min  
Delta R.T.: 0.008 min  
Response: 35612437  
Conc: 17.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

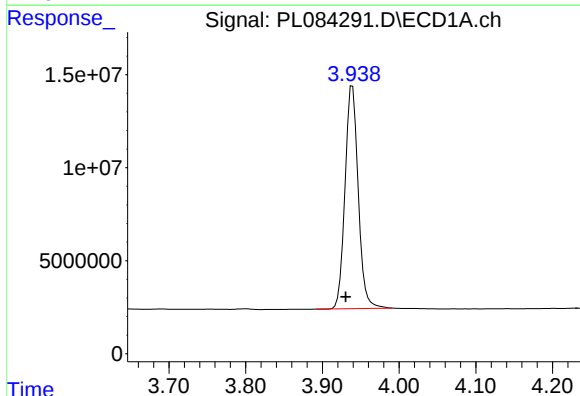
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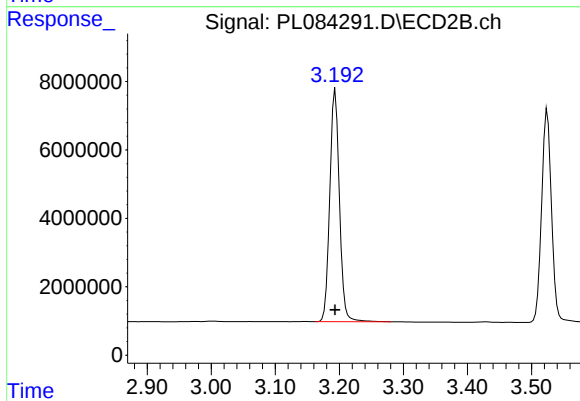
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 16994418  
Conc: 15.30 ng/ml



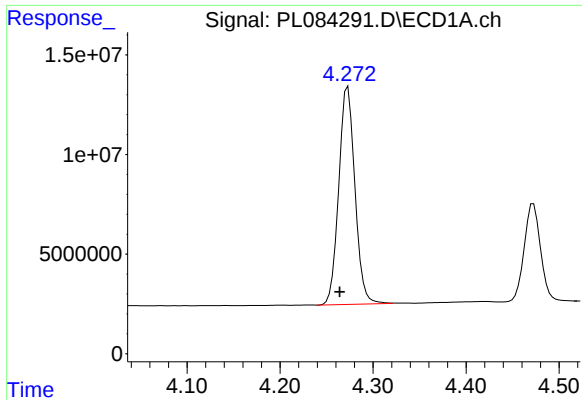
#2 alpha-BHC

R.T.: 3.939 min  
Delta R.T.: 0.009 min  
Response: 143751735  
Conc: 49.07 ng/ml



#2 alpha-BHC

R.T.: 3.194 min  
Delta R.T.: 0.000 min  
Response: 71128636  
Conc: 44.24 ng/ml



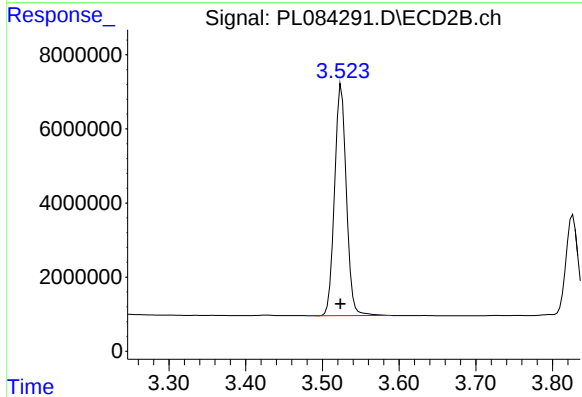
#3 gamma-BHC (Lindane)

R.T.: 4.273 min  
Delta R.T.: 0.009 min  
Response: 131930017  
Conc: 46.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

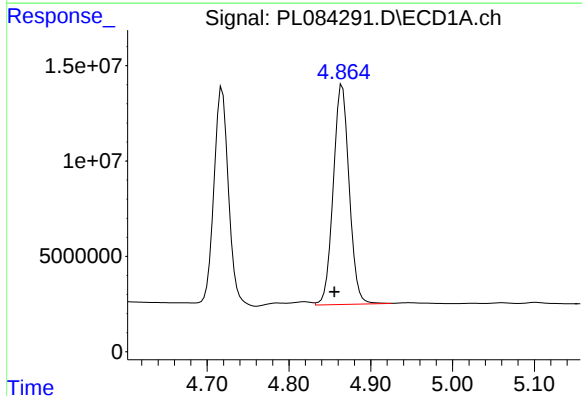
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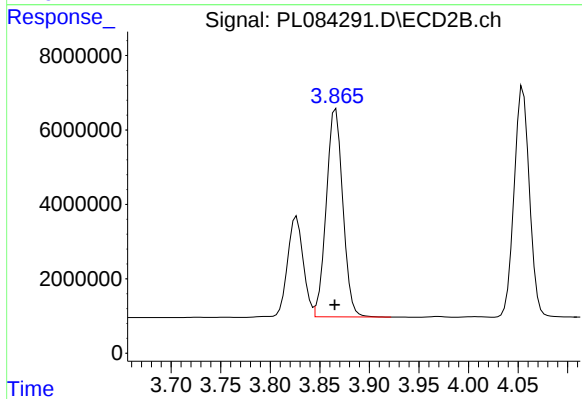
#3 gamma-BHC (Lindane)

R.T.: 3.525 min  
Delta R.T.: 0.001 min  
Response: 66702929  
Conc: 43.86 ng/ml



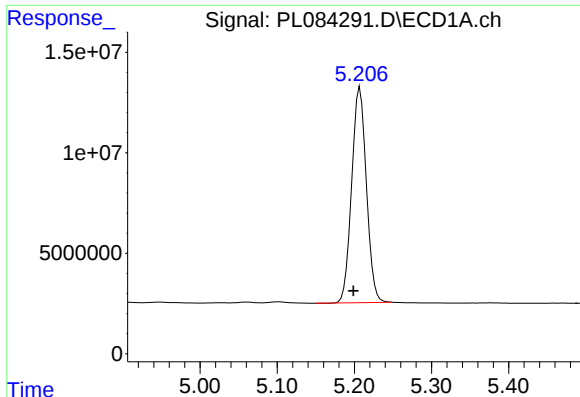
#4 Heptachlor

R.T.: 4.865 min  
Delta R.T.: 0.009 min  
Response: 155855583  
Conc: 57.35 ng/ml



#4 Heptachlor

R.T.: 3.866 min  
Delta R.T.: 0.000 min  
Response: 65048945  
Conc: 55.20 ng/ml



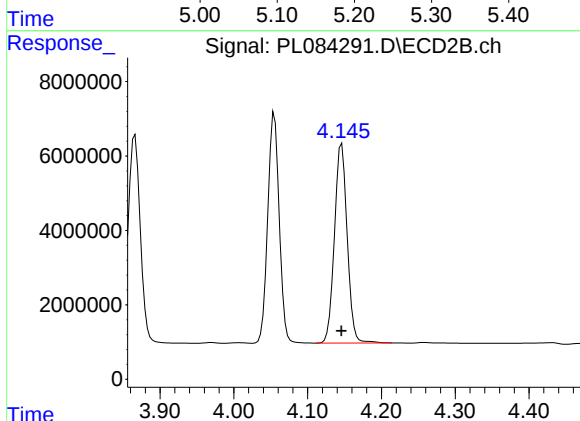
#5 Aldrin

R.T.: 5.207 min  
Delta R.T.: 0.008 min  
Response: 141648777  
Conc: 49.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

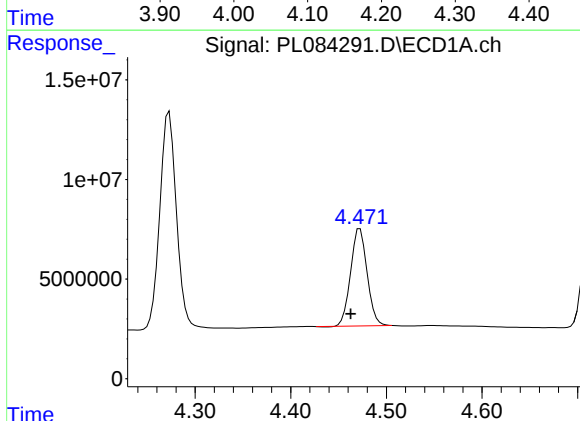
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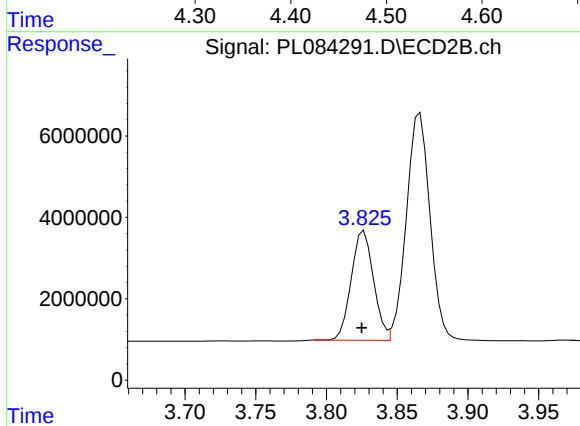
#5 Aldrin

R.T.: 4.146 min  
Delta R.T.: 0.000 min  
Response: 64332725  
Conc: 42.67 ng/ml



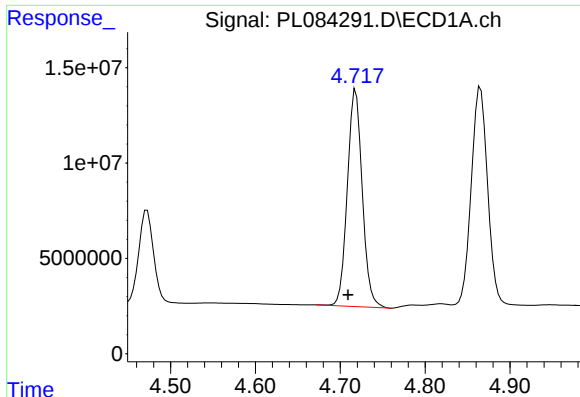
#6 beta-BHC

R.T.: 4.472 min  
Delta R.T.: 0.010 min  
Response: 58871723  
Conc: 49.07 ng/ml



#6 beta-BHC

R.T.: 3.827 min  
Delta R.T.: 0.002 min  
Response: 29580416  
Conc: 44.81 ng/ml



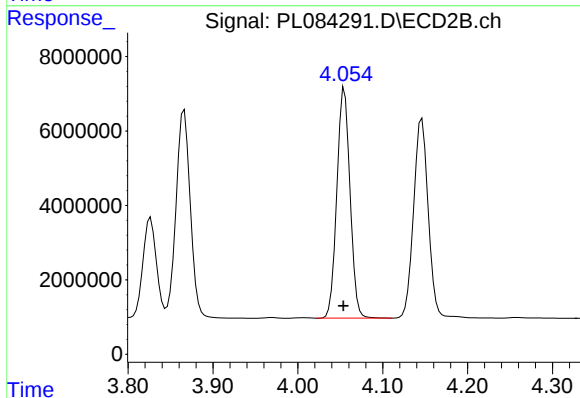
#7 delta-BHC

R.T.: 4.718 min  
Delta R.T.: 0.009 min  
Response: 138983601  
Conc: 52.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

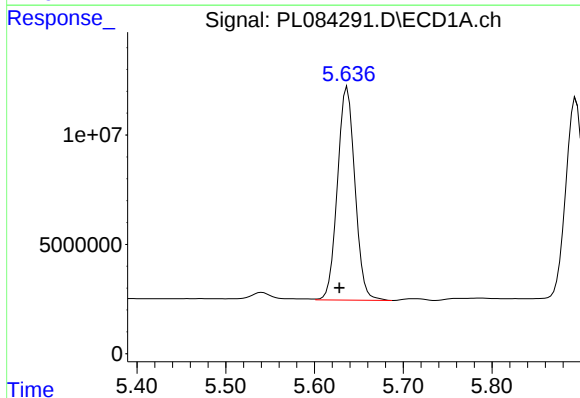
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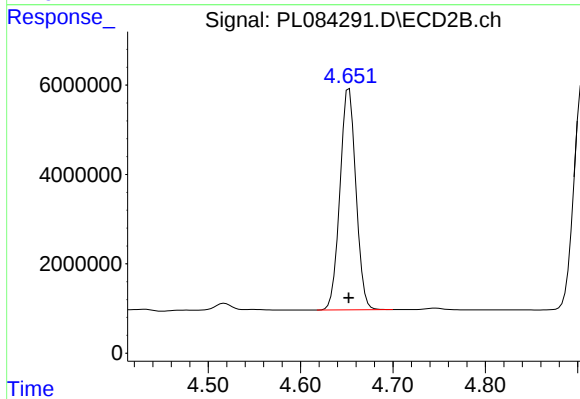
#7 delta-BHC

R.T.: 4.055 min  
Delta R.T.: 0.001 min  
Response: 66662703  
Conc: 44.07 ng/ml



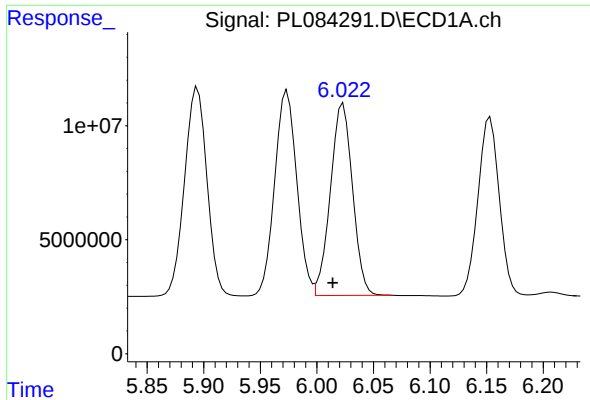
#8 Heptachlor epoxide

R.T.: 5.637 min  
Delta R.T.: 0.009 min  
Response: 133518380  
Conc: 50.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.653 min  
Delta R.T.: 0.000 min  
Response: 59572150  
Conc: 46.39 ng/ml



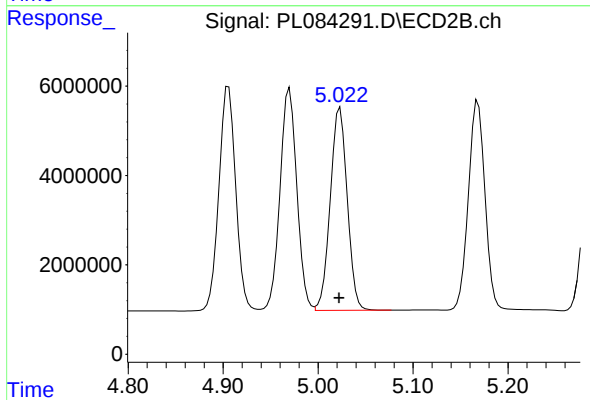
#9 Endosulfan I

R.T.: 6.023 min  
Delta R.T.: 0.009 min  
Response: 114838147  
Conc: 48.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

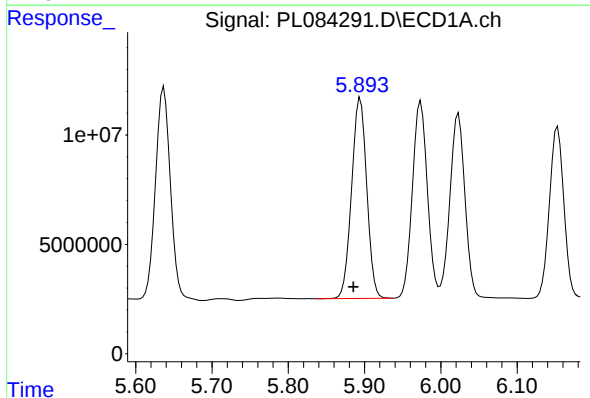
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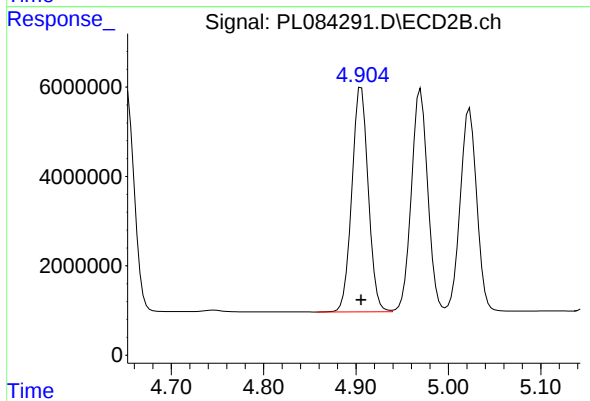
#9 Endosulfan I

R.T.: 5.023 min  
Delta R.T.: 0.000 min  
Response: 56385074  
Conc: 45.97 ng/ml



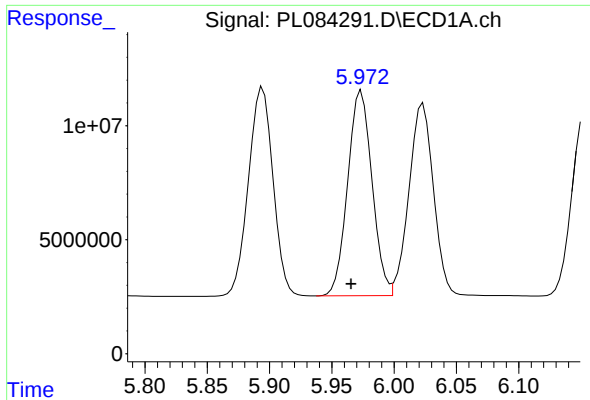
#10 gamma-Chlordane

R.T.: 5.894 min  
Delta R.T.: 0.009 min  
Response: 126492101  
Conc: 48.99 ng/ml



#10 gamma-Chlordane

R.T.: 4.906 min  
Delta R.T.: 0.000 min  
Response: 61980450  
Conc: 46.53 ng/ml



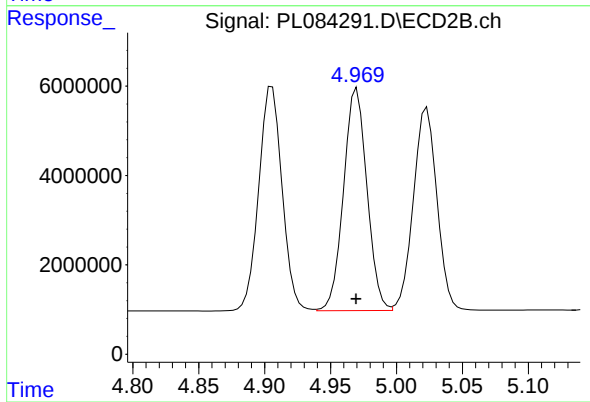
#11 alpha-Chlordane

R.T.: 5.974 min  
Delta R.T.: 0.008 min  
Response: 122926353  
Conc: 48.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

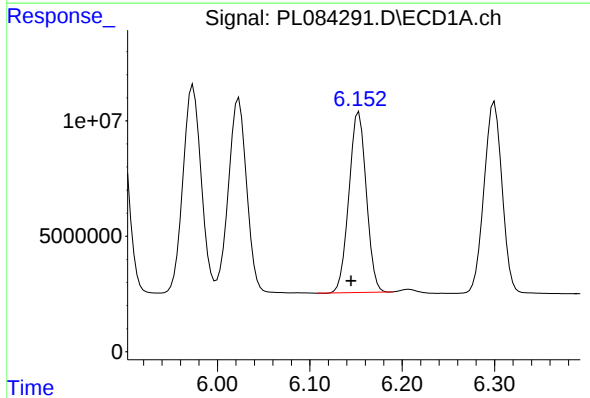
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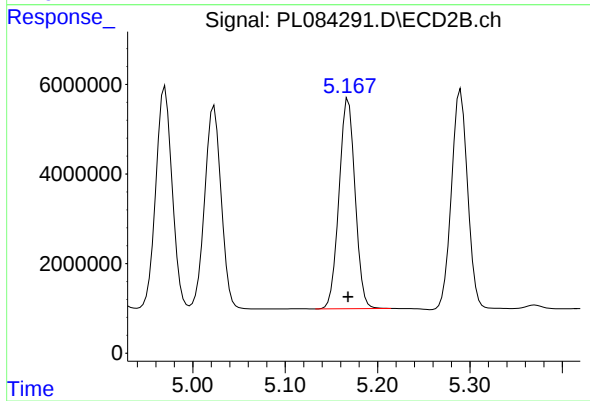
#11 alpha-Chlordane

R.T.: 4.970 min  
Delta R.T.: 0.000 min  
Response: 61408150  
Conc: 45.58 ng/ml



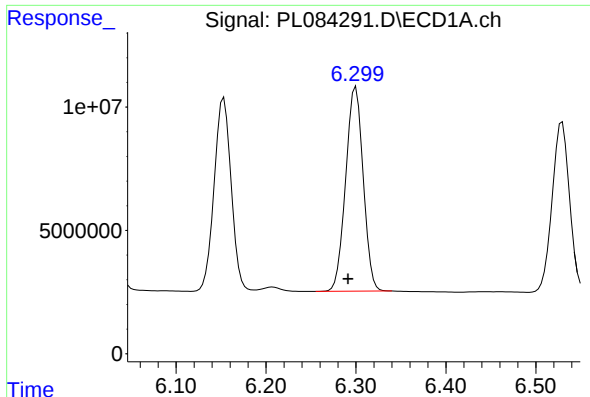
#12 4,4'-DDE

R.T.: 6.153 min  
Delta R.T.: 0.009 min  
Response: 102048311  
Conc: 50.72 ng/ml



#12 4,4'-DDE

R.T.: 5.168 min  
Delta R.T.: 0.000 min  
Response: 56786219  
Conc: 46.23 ng/ml



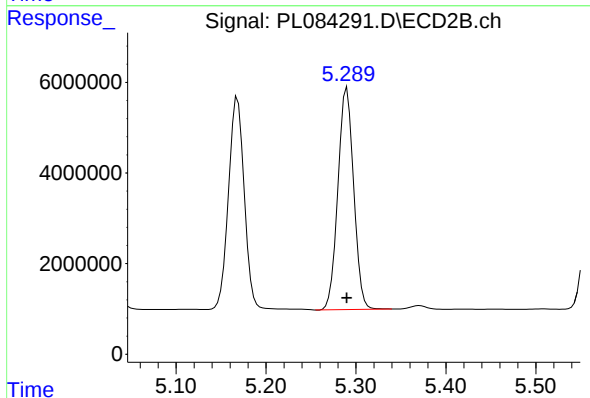
#13 Dieldrin

R.T.: 6.300 min  
Delta R.T.: 0.009 min  
Response: 112139362  
Conc: 46.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

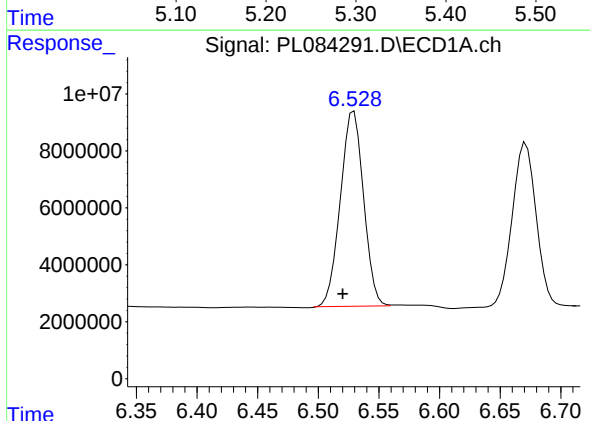
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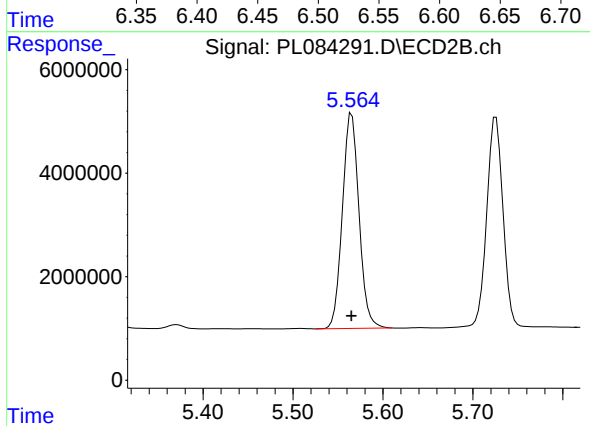
#13 Dieldrin

R.T.: 5.290 min  
Delta R.T.: 0.000 min  
Response: 59659096  
Conc: 45.81 ng/ml



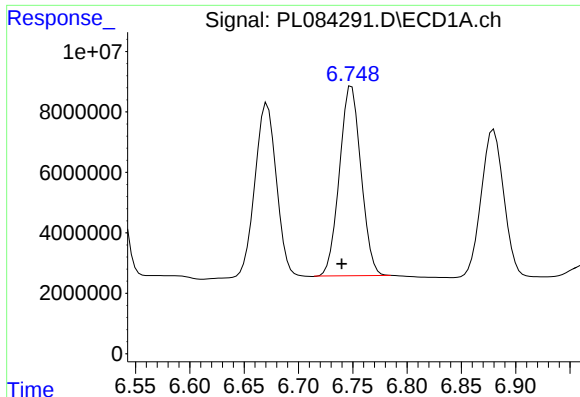
#14 Endrin

R.T.: 6.528 min  
Delta R.T.: 0.008 min  
Response: 91195518  
Conc: 47.89 ng/ml m



#14 Endrin

R.T.: 5.565 min  
Delta R.T.: 0.000 min  
Response: 53368729  
Conc: 48.55 ng/ml



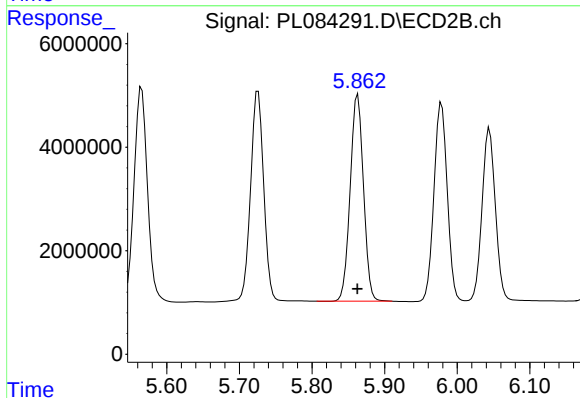
#15 Endosulfan II

R.T.: 6.748 min  
Delta R.T.: 0.008 min  
Response: 86635932  
Conc: 46.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

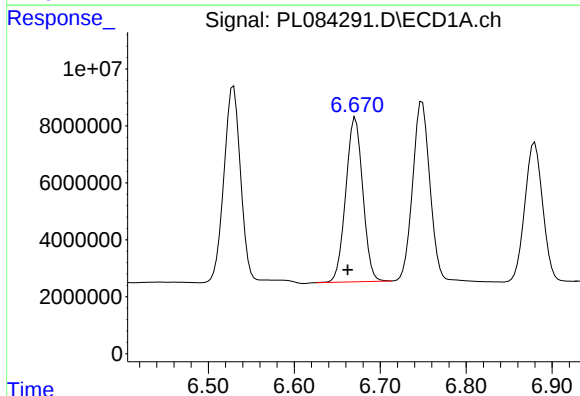
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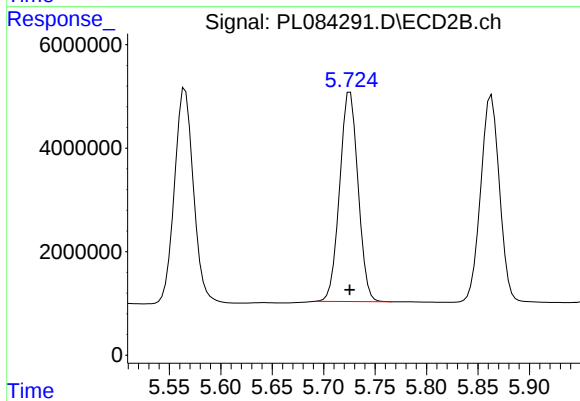
#15 Endosulfan II

R.T.: 5.863 min  
Delta R.T.: 0.000 min  
Response: 50820934  
Conc: 44.22 ng/ml



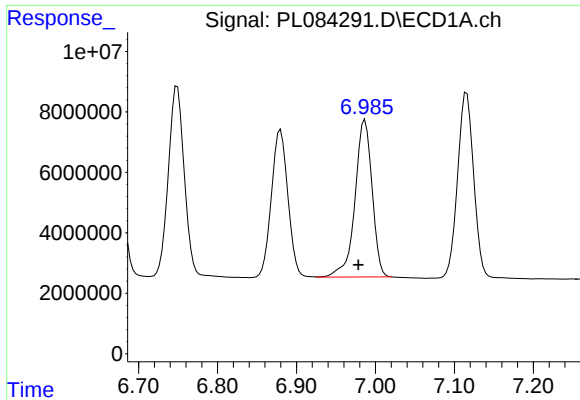
#16 4,4'-DDD

R.T.: 6.671 min  
Delta R.T.: 0.009 min  
Response: 79590212  
Conc: 54.20 ng/ml



#16 4,4'-DDD

R.T.: 5.726 min  
Delta R.T.: 0.000 min  
Response: 50401171  
Conc: 52.54 ng/ml



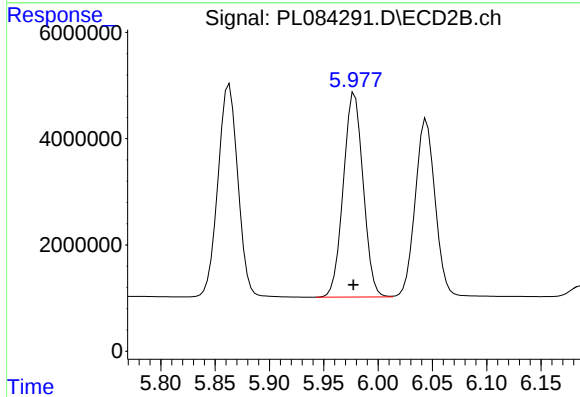
#17 4,4'-DDT

R.T.: 6.987 min  
Delta R.T.: 0.008 min  
Response: 78183610  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

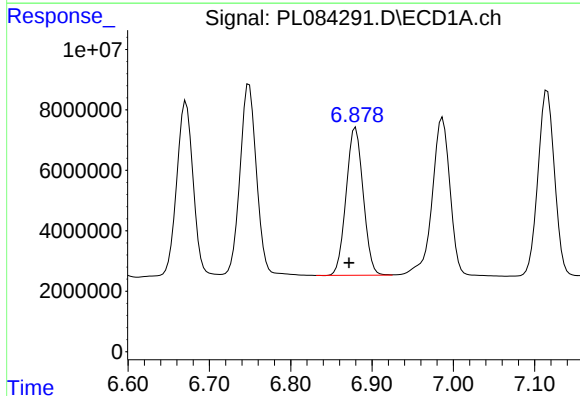
Manual Integrations  
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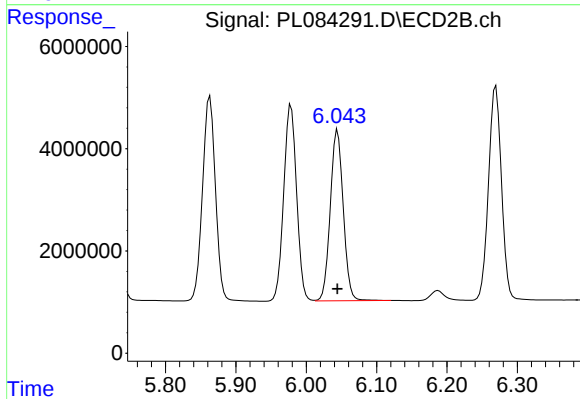
#17 4,4'-DDT

R.T.: 5.978 min  
Delta R.T.: 0.001 min  
Response: 48855484  
Conc: 53.64 ng/ml



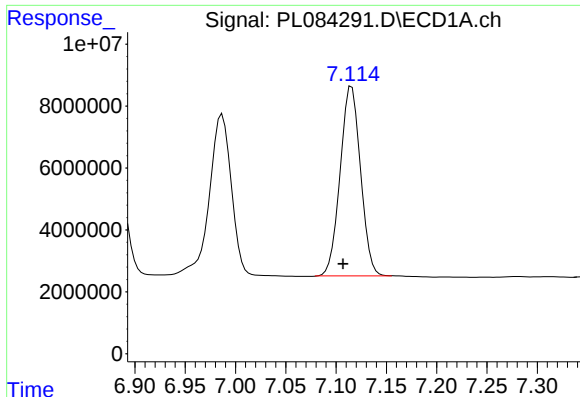
#18 Endrin aldehyde

R.T.: 6.880 min  
Delta R.T.: 0.008 min  
Response: 70787058  
Conc: 48.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min  
Delta R.T.: 0.000 min  
Response: 42797892  
Conc: 47.61 ng/ml



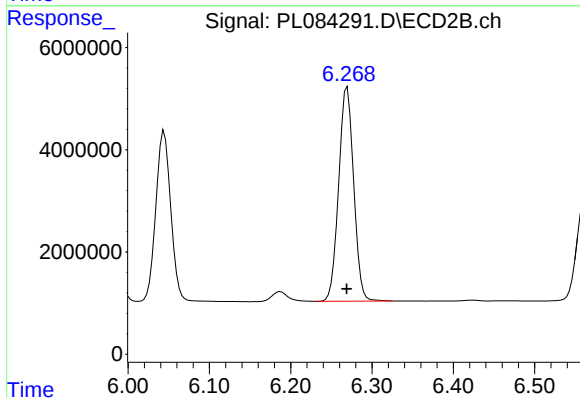
#19 Endosulfan Sulfate

R.T.: 7.114 min  
Delta R.T.: 0.007 min  
Response: 86234990  
Conc: 49.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

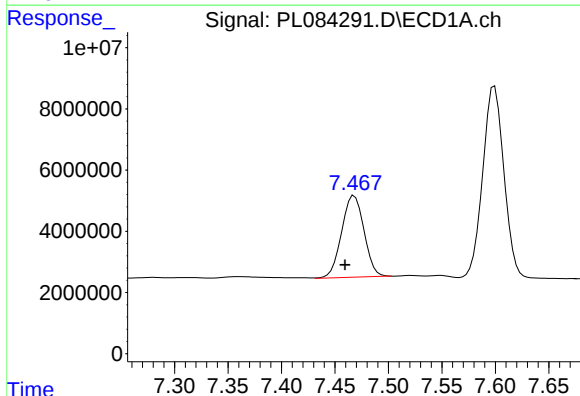
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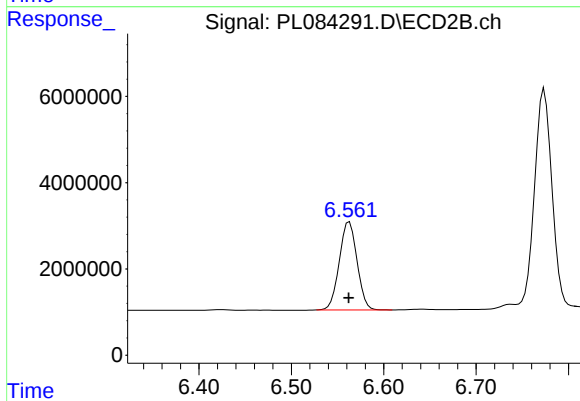
#19 Endosulfan Sulfate

R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 53612088  
Conc: 48.78 ng/ml



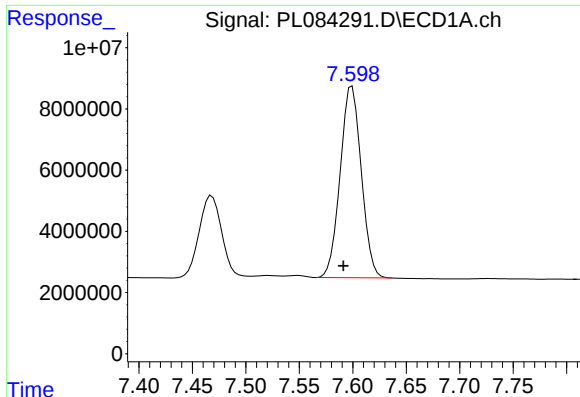
#20 Methoxychlor

R.T.: 7.467 min  
Delta R.T.: 0.007 min  
Response: 38851053  
Conc: 49.67 ng/ml m



#20 Methoxychlor

R.T.: 6.563 min  
Delta R.T.: 0.000 min  
Response: 27297217  
Conc: 56.96 ng/ml



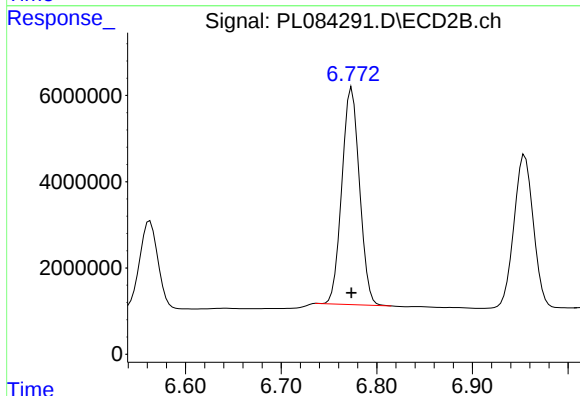
#21 Endrin ketone

R.T.: 7.598 min  
Delta R.T.: 0.007 min  
Response: 86088357  
Conc: 49.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

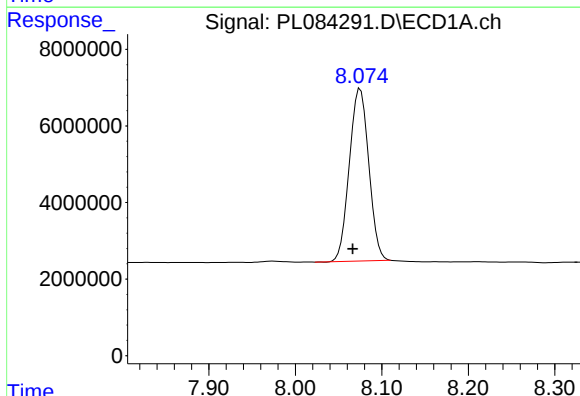
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/28/2023  
Supervised By :Ankita Jodhani 07/28/2023



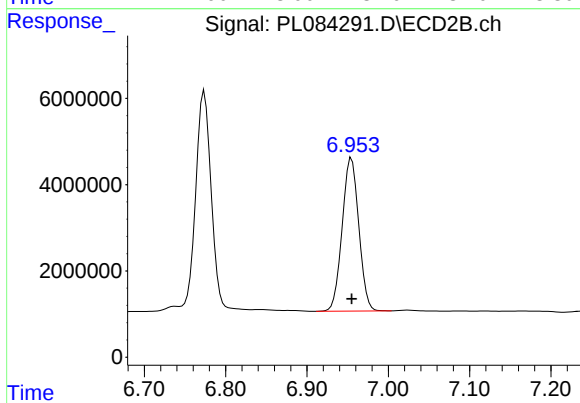
#21 Endrin ketone

R.T.: 6.774 min  
Delta R.T.: 0.000 min  
Response: 64635012  
Conc: 50.02 ng/ml



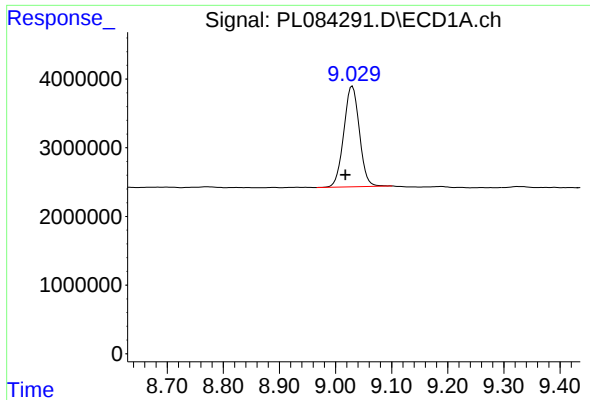
#22 Mirex

R.T.: 8.075 min  
Delta R.T.: 0.009 min  
Response: 70185595  
Conc: 49.05 ng/ml



#22 Mirex

R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 50355132  
Conc: 49.34 ng/ml



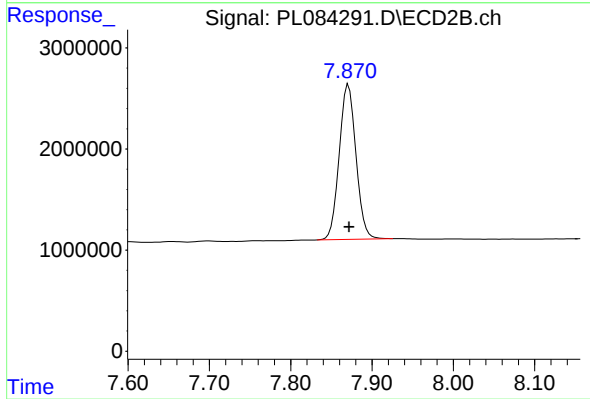
#28 Decachlorobiphenyl

R.T.: 9.030 min  
Delta R.T.: 0.012 min  
Response: 28337967  
Conc: 21.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/28/2023  
Supervised By :Ankita Jodhani 07/28/2023



#28 Decachlorobiphenyl

R.T.: 7.871 min  
Delta R.T.: 0.000 min  
Response: 21917684  
Conc: 19.73 ng/ml