

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080423\  
 Data File : PL084538.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2023 17:12  
 Operator : AR\AJ  
 Sample : 03895-01MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MCLEAN-TP11MS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 08/07/2023  
 Supervised By : Ankita Jodhani 08/07/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 00:51:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 16:21:43 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... | 3.476 | 2.686 | 36074960 | 17204148 | 15.526  | 15.821 |
| 28)                         | SA Decachlor... | 9.026 | 7.867 | 25598982 | 18624289 | 15.733  | 14.938 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.934 | 3.191 | 161.0E6  | 81716894 | 48.757  | 52.923 |
| 3)                          | MA gamma-BHC... | 4.268 | 3.522 | 147.6E6  | 77020879 | 46.282  | 50.687 |
| 4)                          | MA Heptachlor   | 4.858 | 3.863 | 161.5E6  | 75720666 | 48.035m | 53.169 |
| 5)                          | MB Aldrin       | 5.202 | 4.143 | 156.5E6  | 74022045 | 47.353  | 50.930 |
| 6)                          | B beta-BHC      | 4.467 | 3.823 | 65690425 | 34099886 | 47.025  | 50.894 |
| 7)                          | B delta-BHC     | 4.714 | 4.052 | 150.1E6  | 75548952 | 46.536  | 49.762 |
| 8)                          | B Heptachlo...  | 5.632 | 4.649 | 147.5E6  | 67712853 | 48.962  | 51.035 |
| 9)                          | A Endosulfan I  | 6.018 | 5.019 | 125.6E6  | 63080429 | 47.713  | 50.900 |
| 10)                         | B gamma-Chl...  | 5.890 | 4.902 | 137.7E6  | 70130627 | 48.089  | 51.709 |
| 11)                         | B alpha-Chl...  | 5.970 | 4.966 | 135.3E6  | 69981771 | 47.915  | 51.363 |
| 12)                         | B 4,4'-DDE      | 6.149 | 5.164 | 112.0E6  | 64307806 | 48.787  | 52.221 |
| 13)                         | MA Dieldrin     | 6.295 | 5.287 | 121.9E6  | 67596789 | 46.118  | 49.784 |
| 14)                         | MA Endrin       | 6.525 | 5.561 | 104.3E6  | 61462303 | 47.818  | 50.247 |
| 15)                         | B Endosulfa...  | 6.745 | 5.859 | 94102106 | 56837208 | 44.492  | 47.106 |
| 16)                         | A 4,4'-DDD      | 6.667 | 5.722 | 86926749 | 53200703 | 51.847  | 51.489 |
| 17)                         | MA 4,4'-DDT     | 6.983 | 5.974 | 92144352 | 59654928 | 49.178  | 51.402 |
| 18)                         | B Endrin al...  | 6.876 | 6.041 | 75422177 | 46345674 | 44.709  | 46.731 |
| 19)                         | B Endosulfa...  | 7.112 | 6.266 | 93486374 | 57442743 | 46.797  | 48.304 |
| 20)                         | A Methoxychlor  | 7.464 | 6.558 | 44976552 | 32906378 | 46.866  | 47.961 |
| 21)                         | B Endrin ke...  | 7.596 | 6.770 | 91312164 | 67577072 | 45.646  | 46.837 |
| 22)                         | Mirex           | 8.072 | 6.951 | 73606521 | 53087615 | 44.319  | 46.032 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080423\  
 Data File : PL084538.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2023 17:12  
 Operator : AR\AJ  
 Sample : 03895-01MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

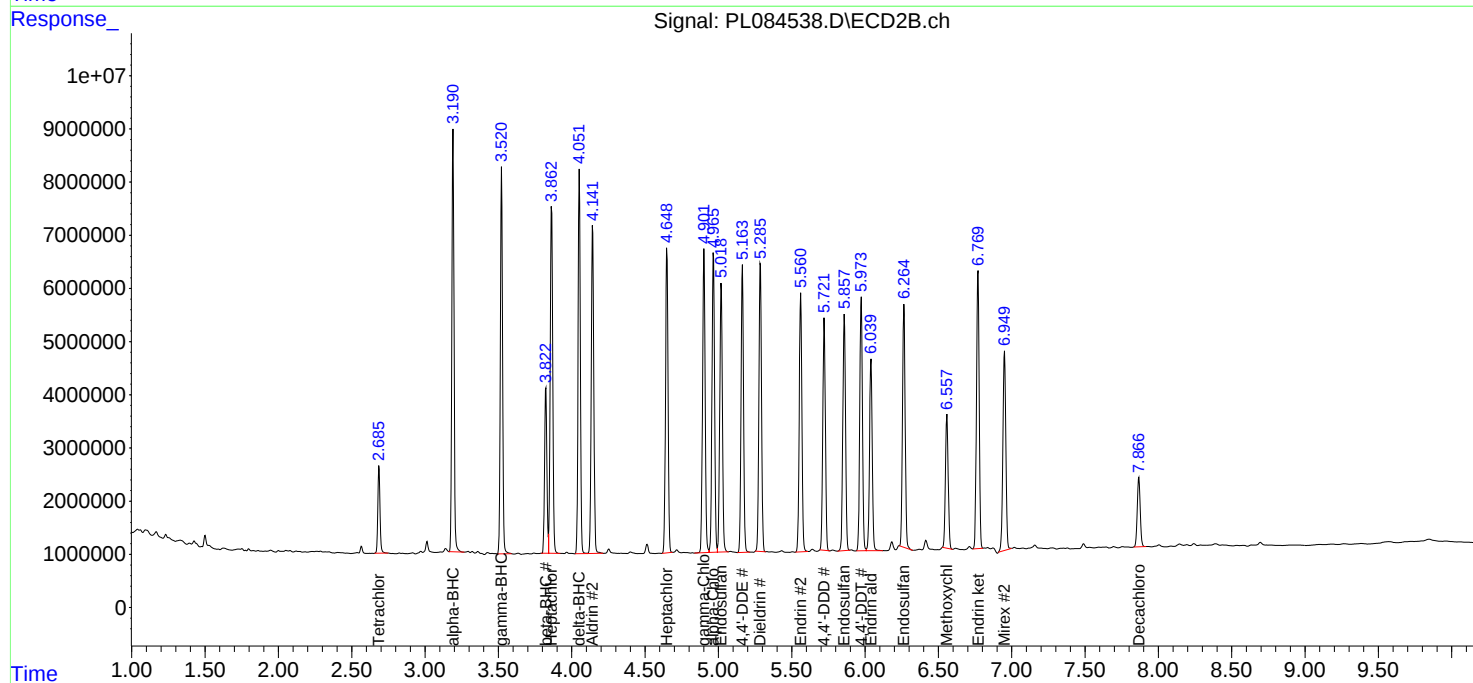
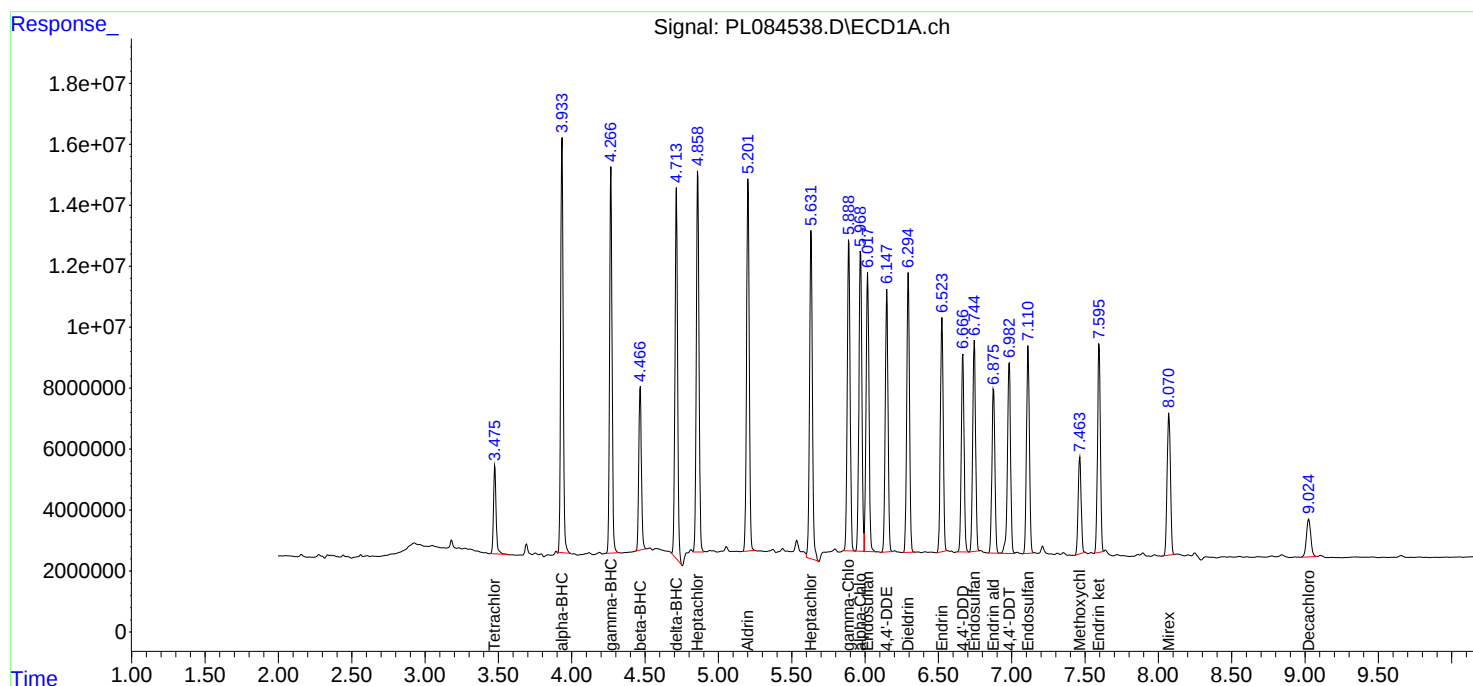
Instrument :  
 ECD\_L  
 ClientSampleId :  
 MCLEAN-TP11MS

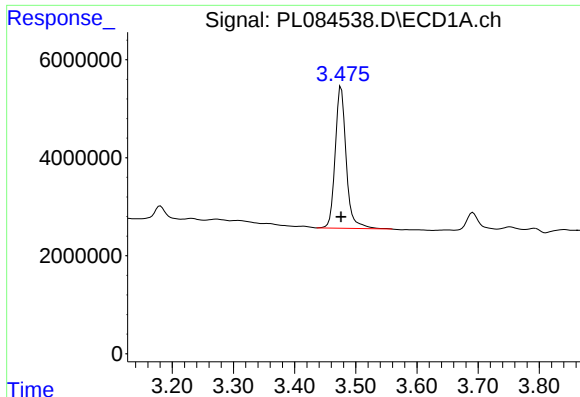
### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/07/2023  
 Supervised By :Ankita Jodhani 08/07/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 00:51:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
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Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
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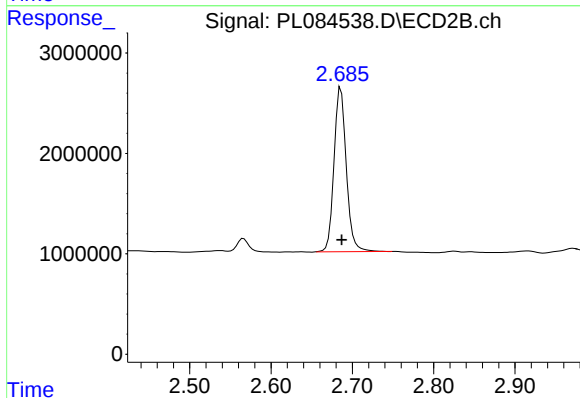
#1 Tetrachloro-m-xylene

R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 36074960  
Conc: 15.53 ng/ml

Instrument :  
ECD\_L  
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MCLEAN-TP11MS

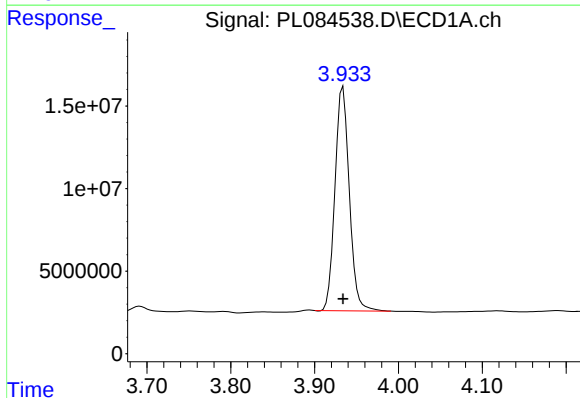
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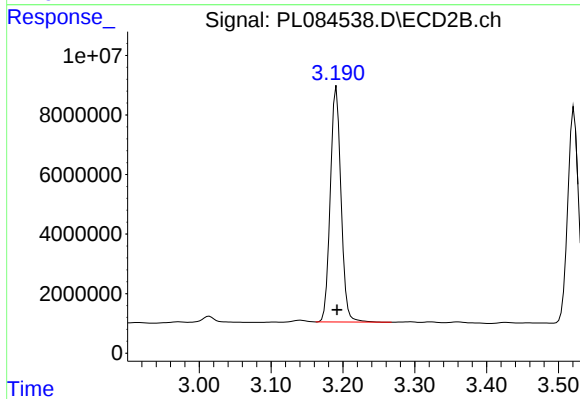
#1 Tetrachloro-m-xylene

R.T.: 2.686 min  
Delta R.T.: 0.000 min  
Response: 17204148  
Conc: 15.82 ng/ml



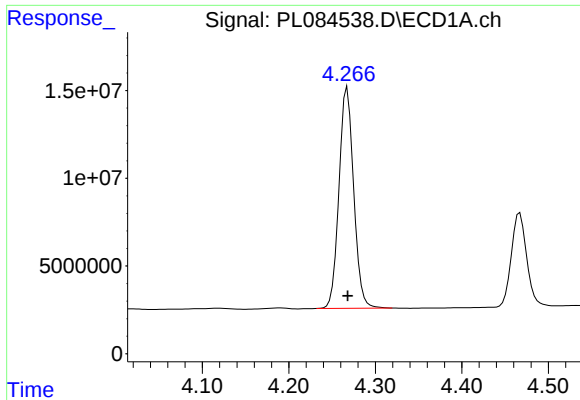
#2 alpha-BHC

R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 160967341  
Conc: 48.76 ng/ml



#2 alpha-BHC

R.T.: 3.191 min  
Delta R.T.: 0.000 min  
Response: 81716894  
Conc: 52.92 ng/ml



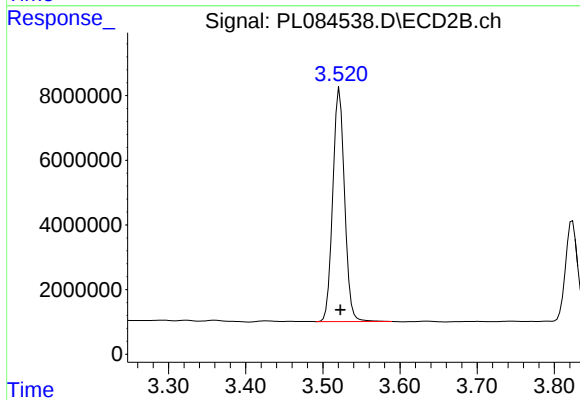
#3 gamma-BHC (Lindane)

R.T.: 4.268 min  
Delta R.T.: 0.000 min  
Response: 147639504  
Conc: 46.28 ng/ml

Instrument :  
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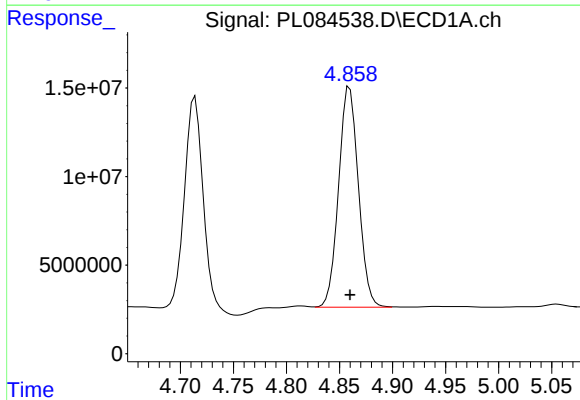
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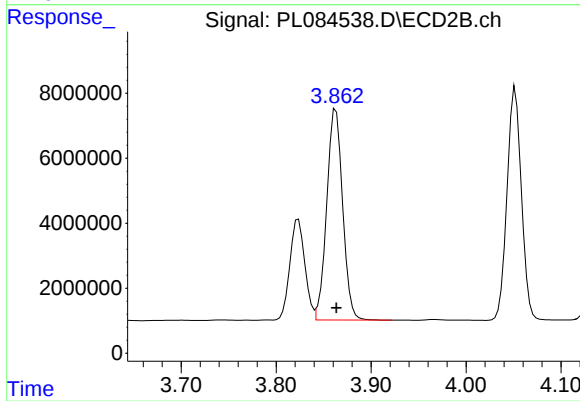
#3 gamma-BHC (Lindane)

R.T.: 3.522 min  
Delta R.T.: 0.000 min  
Response: 77020879  
Conc: 50.69 ng/ml



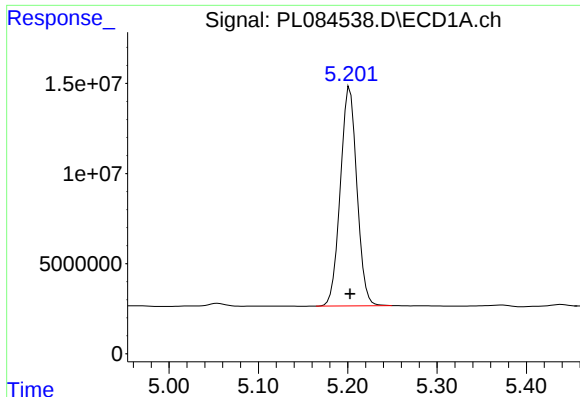
#4 Heptachlor

R.T.: 4.858 min  
Delta R.T.: -0.002 min  
Response: 161534825  
Conc: 48.03 ng/ml m



#4 Heptachlor

R.T.: 3.863 min  
Delta R.T.: 0.000 min  
Response: 75720666  
Conc: 53.17 ng/ml



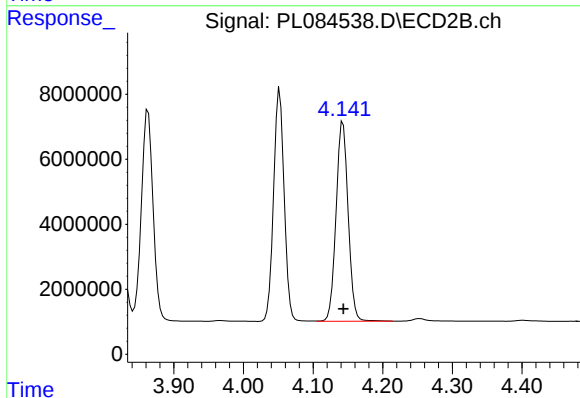
#5 Aldrin

R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 156520006  
Conc: 47.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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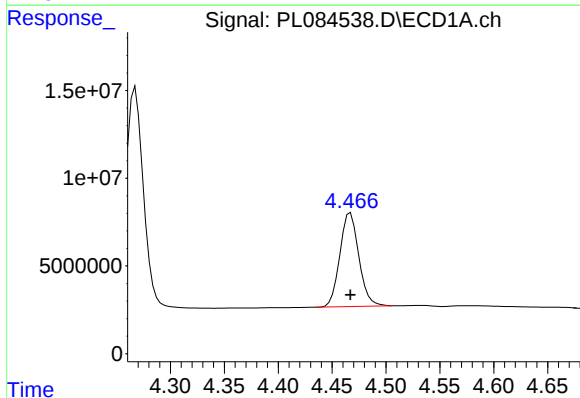
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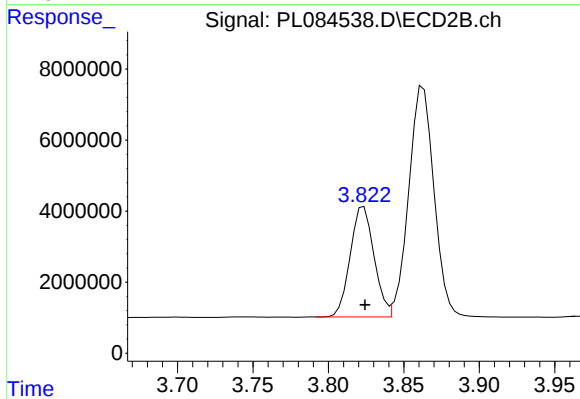
#5 Aldrin

R.T.: 4.143 min  
Delta R.T.: 0.000 min  
Response: 74022045  
Conc: 50.93 ng/ml



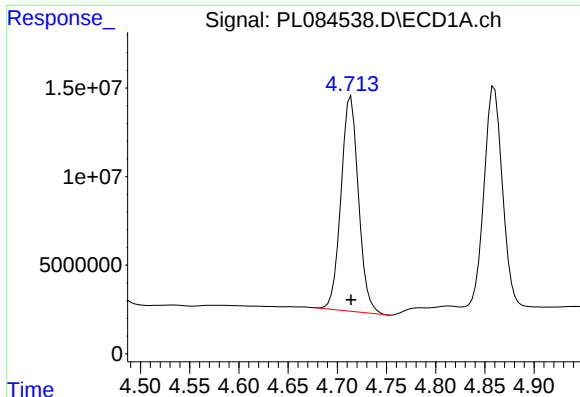
#6 beta-BHC

R.T.: 4.467 min  
Delta R.T.: 0.000 min  
Response: 65690425  
Conc: 47.03 ng/ml



#6 beta-BHC

R.T.: 3.823 min  
Delta R.T.: 0.000 min  
Response: 34099886  
Conc: 50.89 ng/ml



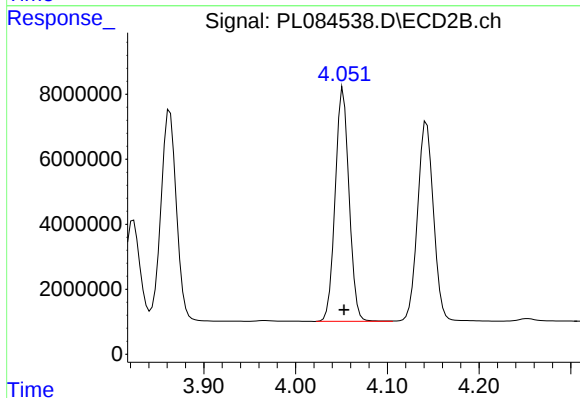
#7 delta-BHC

R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 150064648  
Conc: 46.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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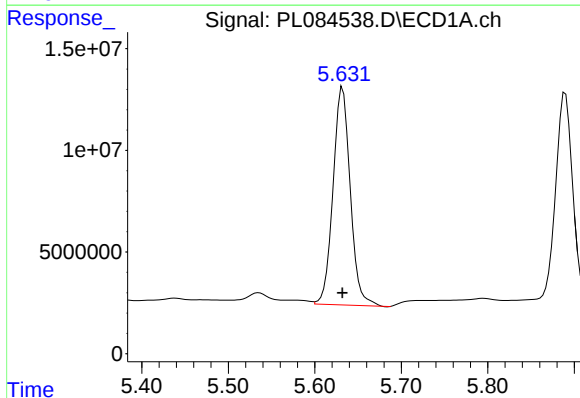
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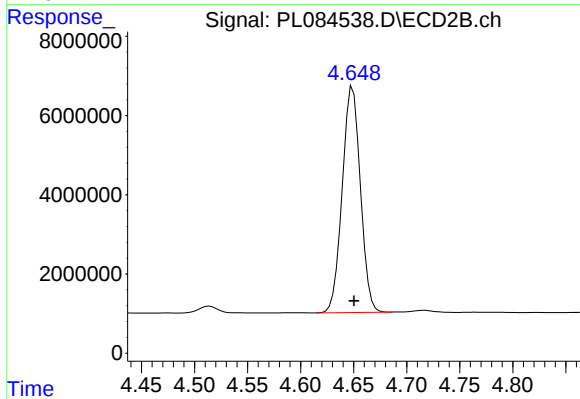
#7 delta-BHC

R.T.: 4.052 min  
Delta R.T.: 0.000 min  
Response: 75548952  
Conc: 49.76 ng/ml



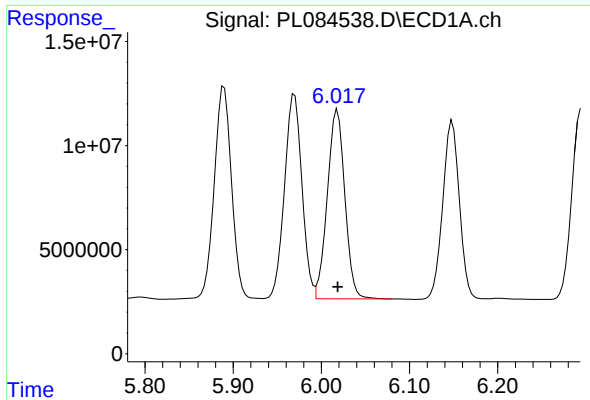
#8 Heptachlor epoxide

R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 147506800  
Conc: 48.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.649 min  
Delta R.T.: -0.001 min  
Response: 67712853  
Conc: 51.03 ng/ml



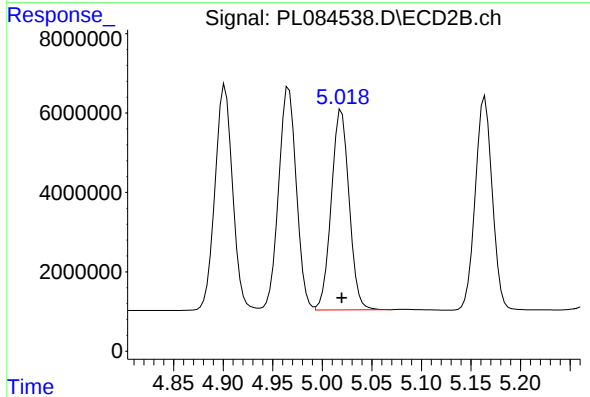
#9 Endosulfan I

R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 125593968  
Conc: 47.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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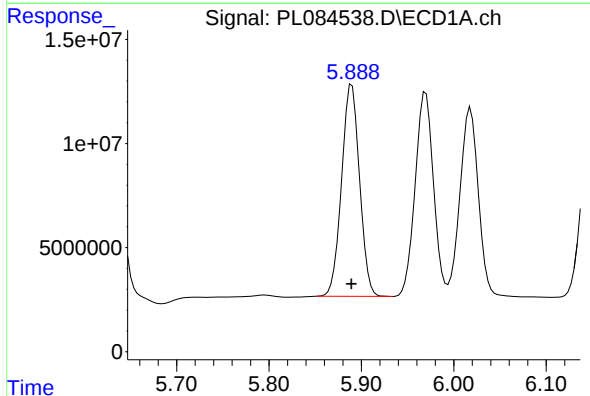
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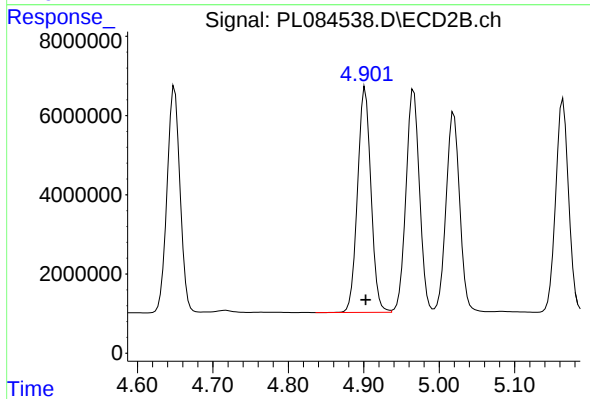
#9 Endosulfan I

R.T.: 5.019 min  
Delta R.T.: 0.000 min  
Response: 63080429  
Conc: 50.90 ng/ml



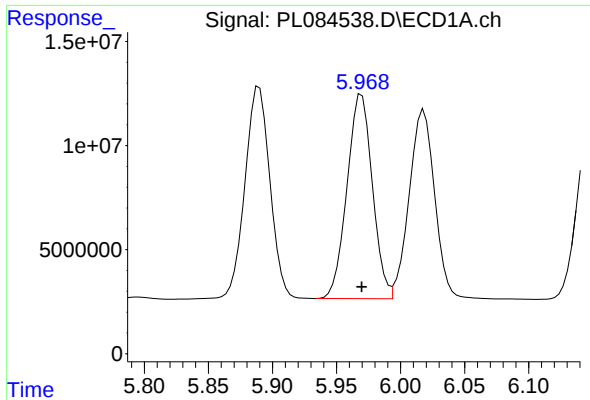
#10 gamma-Chlordane

R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 137707910  
Conc: 48.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.902 min  
Delta R.T.: 0.000 min  
Response: 70130627  
Conc: 51.71 ng/ml



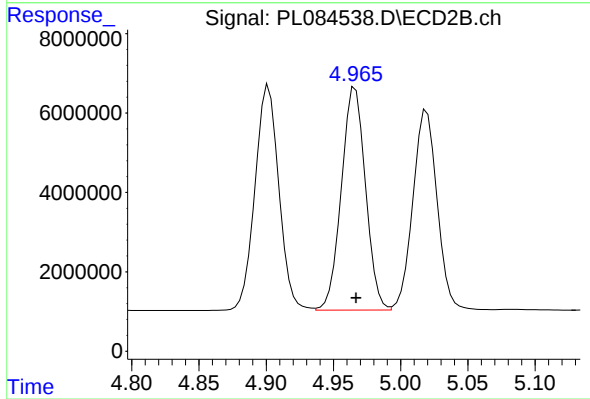
#11 alpha-Chlordane

R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 135272994  
Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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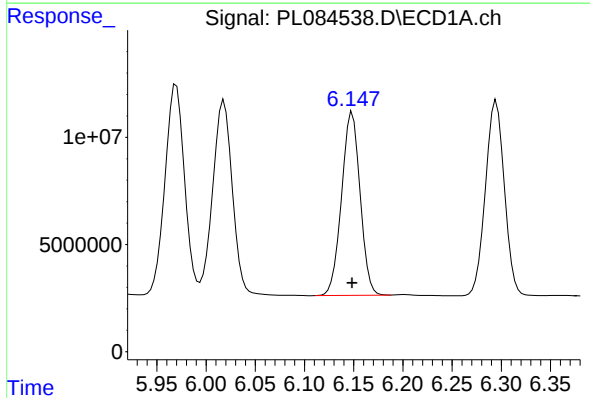
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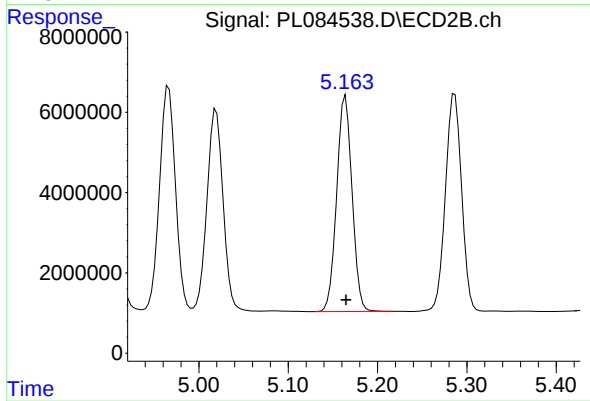
#11 alpha-Chlordane

R.T.: 4.966 min  
Delta R.T.: 0.000 min  
Response: 69981771  
Conc: 51.36 ng/ml



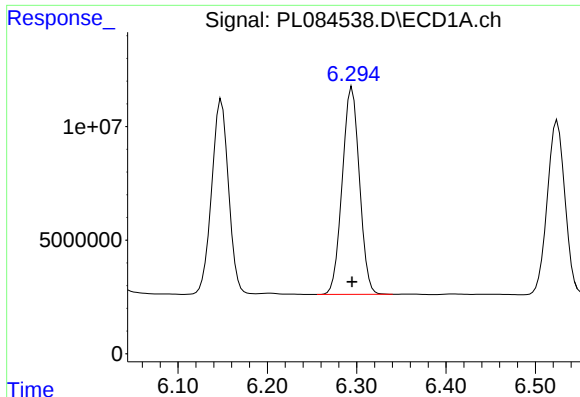
#12 4,4'-DDE

R.T.: 6.149 min  
Delta R.T.: 0.000 min  
Response: 111980056  
Conc: 48.79 ng/ml



#12 4,4'-DDE

R.T.: 5.164 min  
Delta R.T.: 0.000 min  
Response: 64307806  
Conc: 52.22 ng/ml



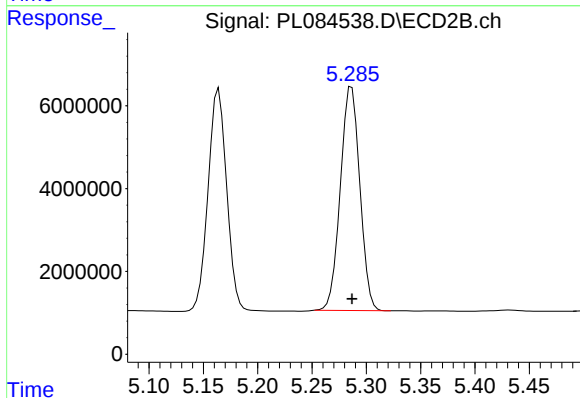
#13 Dieldrin

R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 121872084  
Conc: 46.12 ng/ml

Instrument :  
ECD\_L  
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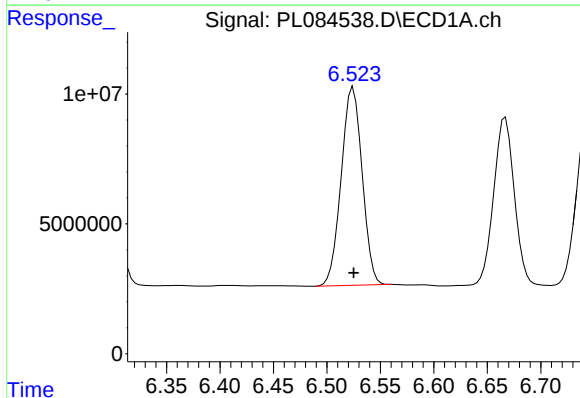
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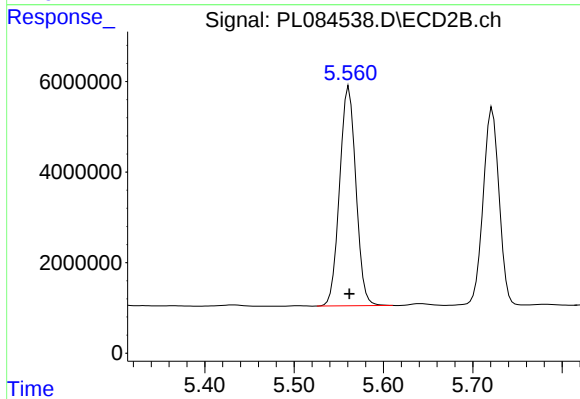
#13 Dieldrin

R.T.: 5.287 min  
Delta R.T.: 0.000 min  
Response: 67596789  
Conc: 49.78 ng/ml



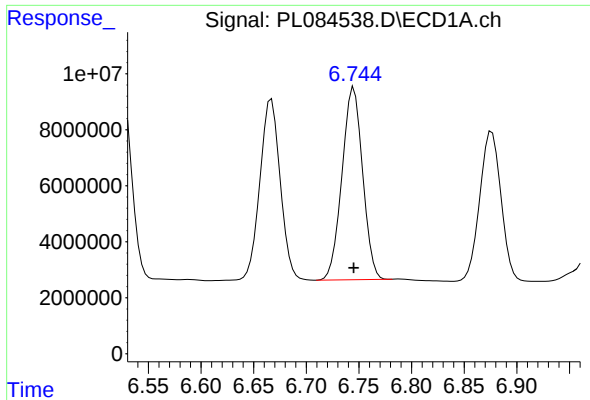
#14 Endrin

R.T.: 6.525 min  
Delta R.T.: 0.000 min  
Response: 104289570  
Conc: 47.82 ng/ml



#14 Endrin

R.T.: 5.561 min  
Delta R.T.: 0.000 min  
Response: 61462303  
Conc: 50.25 ng/ml



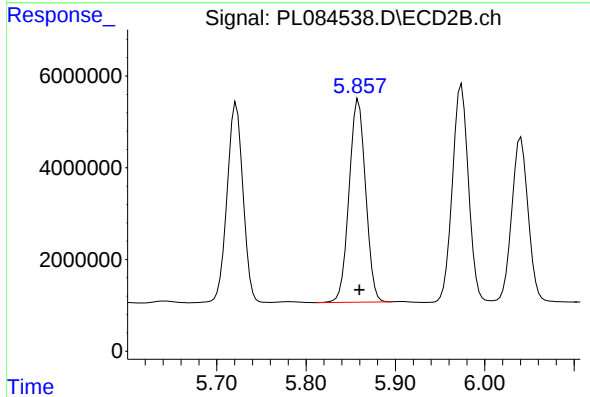
#15 Endosulfan II

R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 94102106  
Conc: 44.49 ng/ml

Instrument :  
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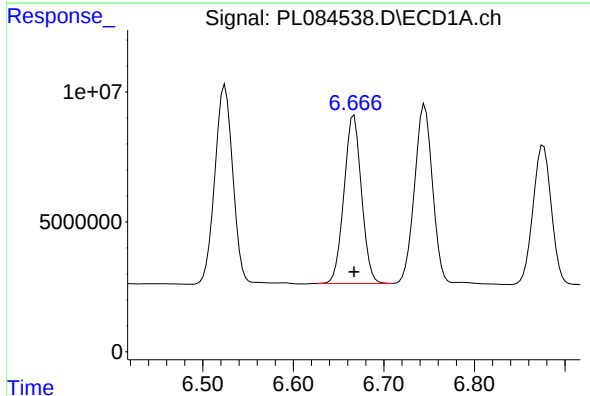
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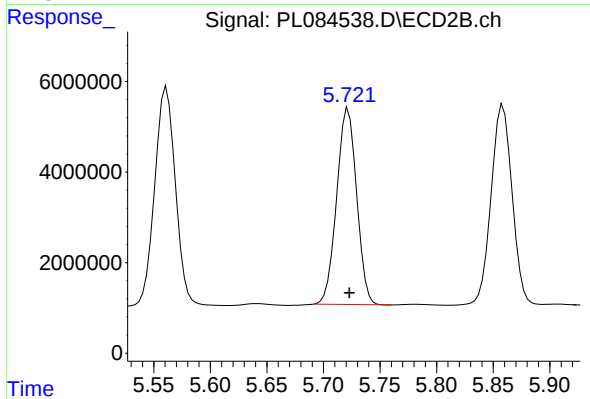
#15 Endosulfan II

R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 56837208  
Conc: 47.11 ng/ml



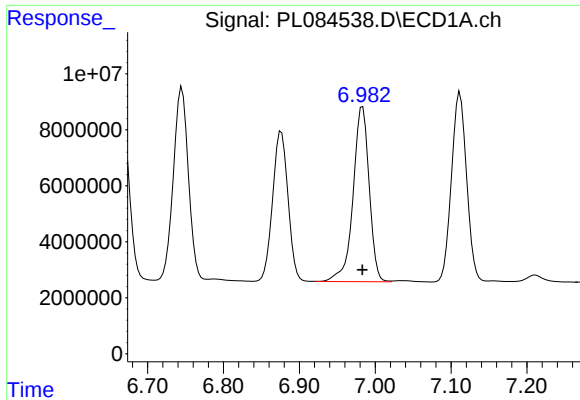
#16 4,4'-DDD

R.T.: 6.667 min  
Delta R.T.: 0.000 min  
Response: 86926749  
Conc: 51.85 ng/ml



#16 4,4'-DDD

R.T.: 5.722 min  
Delta R.T.: 0.000 min  
Response: 53200703  
Conc: 51.49 ng/ml



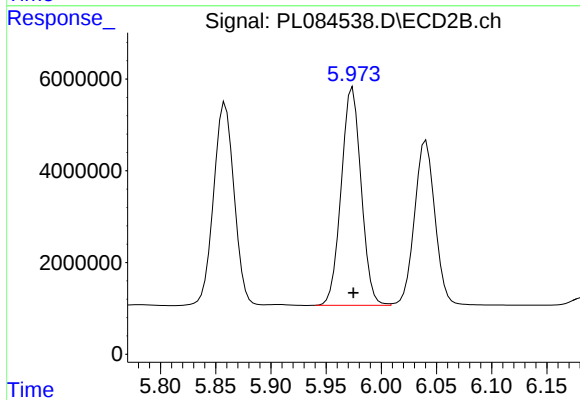
#17 4,4'-DDT

R.T.: 6.983 min  
Delta R.T.: 0.000 min  
Response: 92144352  
Conc: 49.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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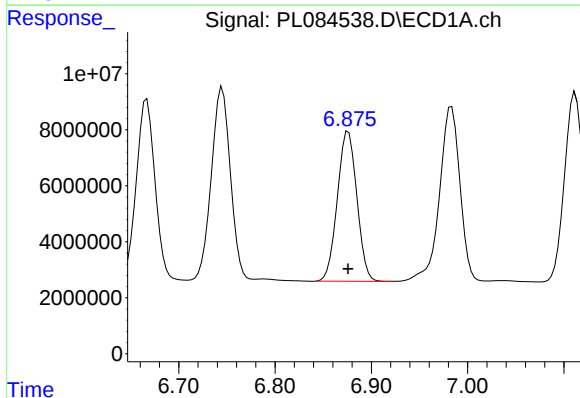
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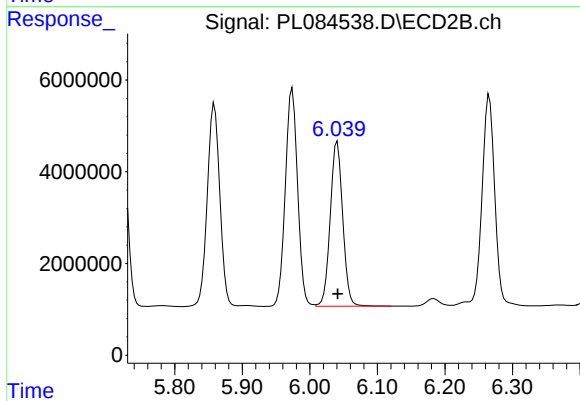
#17 4,4'-DDT

R.T.: 5.974 min  
Delta R.T.: 0.000 min  
Response: 59654928  
Conc: 51.40 ng/ml



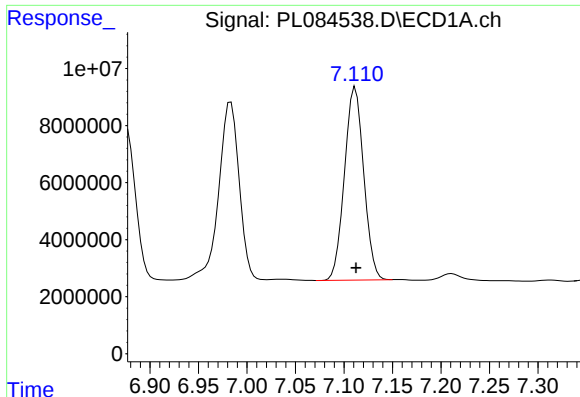
#18 Endrin aldehyde

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 75422177  
Conc: 44.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 46345674  
Conc: 46.73 ng/ml



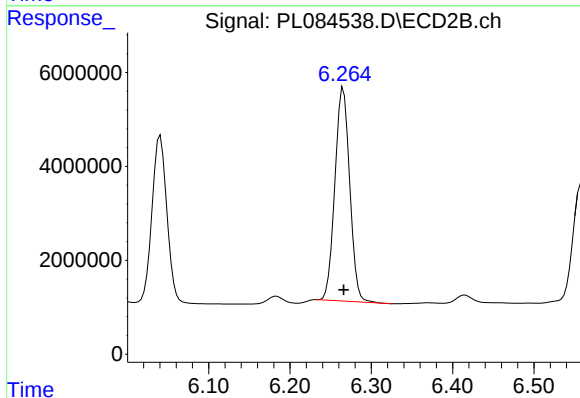
#19 Endosulfan Sulfate

R.T.: 7.112 min  
Delta R.T.: 0.000 min  
Response: 93486374  
Conc: 46.80 ng/ml

Instrument :  
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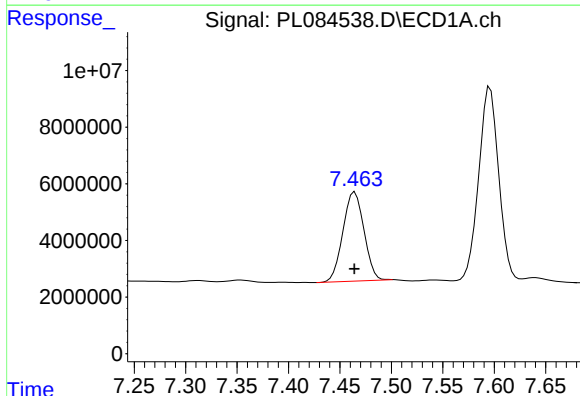
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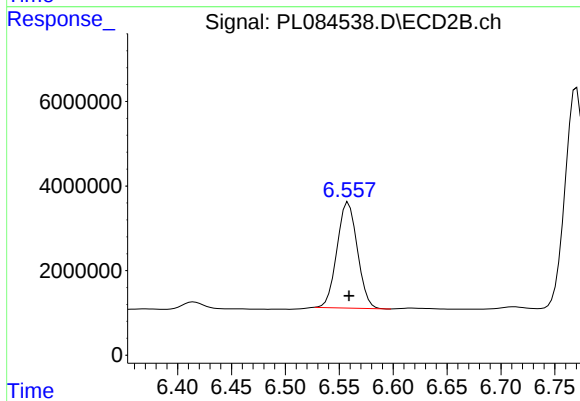
#19 Endosulfan Sulfate

R.T.: 6.266 min  
Delta R.T.: 0.000 min  
Response: 57442743  
Conc: 48.30 ng/ml



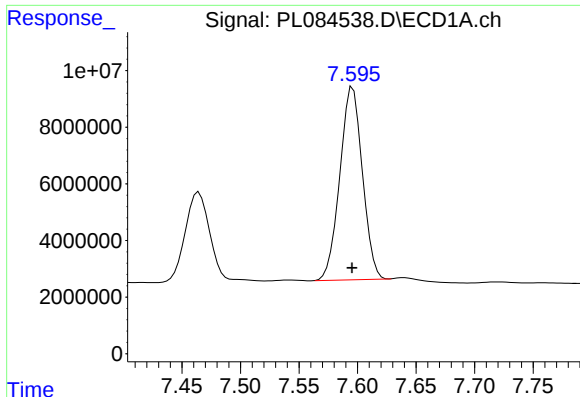
#20 Methoxychlor

R.T.: 7.464 min  
Delta R.T.: 0.000 min  
Response: 44976552  
Conc: 46.87 ng/ml



#20 Methoxychlor

R.T.: 6.558 min  
Delta R.T.: 0.000 min  
Response: 32906378  
Conc: 47.96 ng/ml



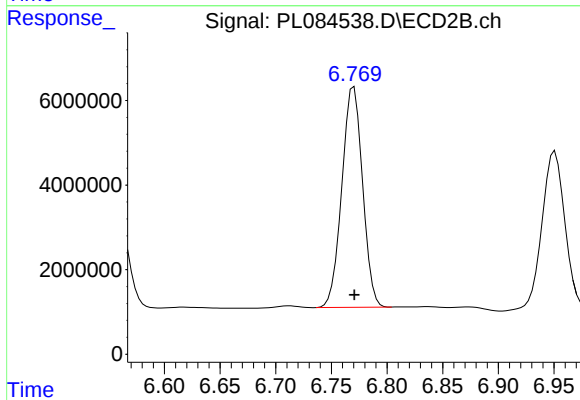
#21 Endrin ketone

R.T.: 7.596 min  
Delta R.T.: 0.000 min  
Response: 91312164  
Conc: 45.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MCLEAN-TP11MS

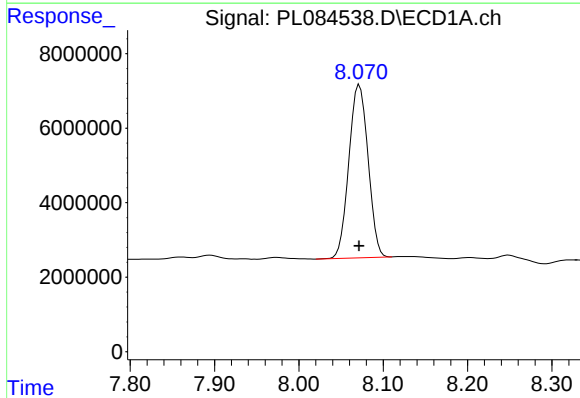
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/07/2023  
Supervised By :Ankita Jodhani 08/07/2023



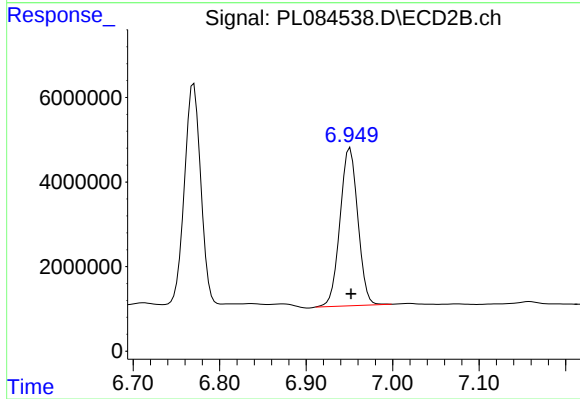
#21 Endrin ketone

R.T.: 6.770 min  
Delta R.T.: 0.000 min  
Response: 67577072  
Conc: 46.84 ng/ml



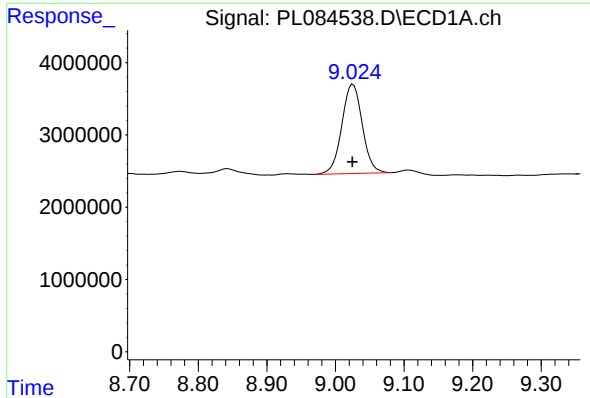
#22 Mirex

R.T.: 8.072 min  
Delta R.T.: 0.000 min  
Response: 73606521  
Conc: 44.32 ng/ml



#22 Mirex

R.T.: 6.951 min  
Delta R.T.: -0.001 min  
Response: 53087615  
Conc: 46.03 ng/ml



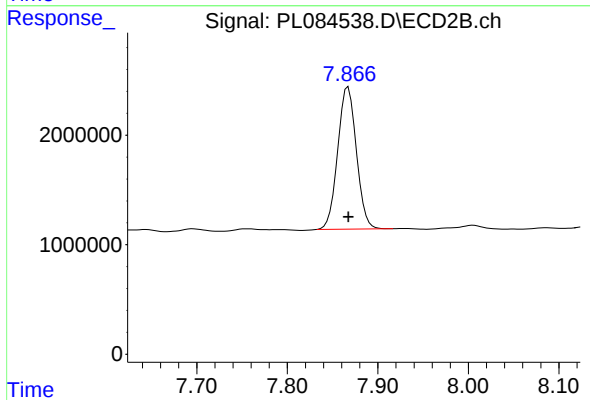
#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.000 min  
Response: 25598982  
Conc: 15.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MCLEAN-TP11MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/07/2023  
Supervised By :Ankita Jodhani 08/07/2023



#28 Decachlorobiphenyl

R.T.: 7.867 min  
Delta R.T.: 0.000 min  
Response: 18624289  
Conc: 14.94 ng/ml