

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072723\  
 Data File : PL084290.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2023 09:50  
 Operator : AR\AJ  
 Sample : PB154452BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB154452BS

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 21:23:32 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... | 3.476 | 2.687 | 35343226 | 16648182 | 17.673  | 14.991 |
| 28)                         | SA Decachlor... | 9.024 | 7.869 | 27693136 | 21199598 | 21.275  | 19.079 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.934 | 3.192 | 141.4E6  | 68942732 | 48.273  | 42.878 |
| 3)                          | MA gamma-BHC... | 4.268 | 3.523 | 129.1E6  | 64862323 | 45.698  | 42.653 |
| 4)                          | MA Heptachlor   | 4.860 | 3.865 | 152.8E6  | 62880658 | 56.210  | 53.357 |
| 5)                          | MB Aldrin       | 5.202 | 4.145 | 138.9E6  | 62432958 | 48.502  | 41.406 |
| 6)                          | B beta-BHC      | 4.467 | 3.825 | 59431062 | 28652354 | 49.532  | 43.409 |
| 7)                          | B delta-BHC     | 4.713 | 4.053 | 137.2E6  | 64931419 | 51.469  | 42.926 |
| 8)                          | B Heptachlo...  | 5.632 | 4.651 | 131.1E6  | 57767326 | 49.096  | 44.984 |
| 9)                          | A Endosulfan I  | 6.018 | 5.021 | 112.5E6  | 54847771 | 47.497  | 44.718 |
| 10)                         | B gamma-Chl...  | 5.889 | 4.904 | 123.8E6  | 60098735 | 47.950  | 45.114 |
| 11)                         | B alpha-Chl...  | 5.969 | 4.968 | 120.4E6  | 59787258 | 47.347  | 44.381 |
| 12)                         | B 4,4'-DDE      | 6.148 | 5.166 | 100.8E6  | 55407200 | 50.113  | 45.107 |
| 13)                         | MA Dieldrin     | 6.295 | 5.288 | 109.9E6  | 57933086 | 45.998  | 44.484 |
| 14)                         | MA Endrin       | 6.525 | 5.563 | 87361570 | 51664865 | 45.873  | 47.000 |
| 15)                         | B Endosulfa...  | 6.744 | 5.861 | 84920741 | 49597486 | 45.308m | 43.153 |
| 16)                         | A 4,4'-DDD      | 6.667 | 5.724 | 78630971 | 48952699 | 53.544  | 51.027 |
| 17)                         | MA 4,4'-DDT     | 6.983 | 5.976 | 77276931 | 47247784 | 48.456  | 51.875 |
| 18)                         | B Endrin al...  | 6.876 | 6.042 | 69543920 | 41529261 | 47.467  | 46.198 |
| 19)                         | B Endosulfa...  | 7.111 | 6.267 | 83464681 | 52006937 | 48.282  | 47.321 |
| 20)                         | A Methoxychlor  | 7.463 | 6.560 | 37324148 | 26425096 | 47.716  | 55.139 |
| 21)                         | B Endrin ke...  | 7.594 | 6.772 | 85092687 | 62558134 | 48.556m | 48.416 |
| 22)                         | Mirex           | 8.070 | 6.953 | 69127787 | 48972484 | 48.309  | 47.981 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072723\  
Data File : PL084290.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jul 2023 09:50  
Operator : AR\AJ  
Sample : PB154452BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

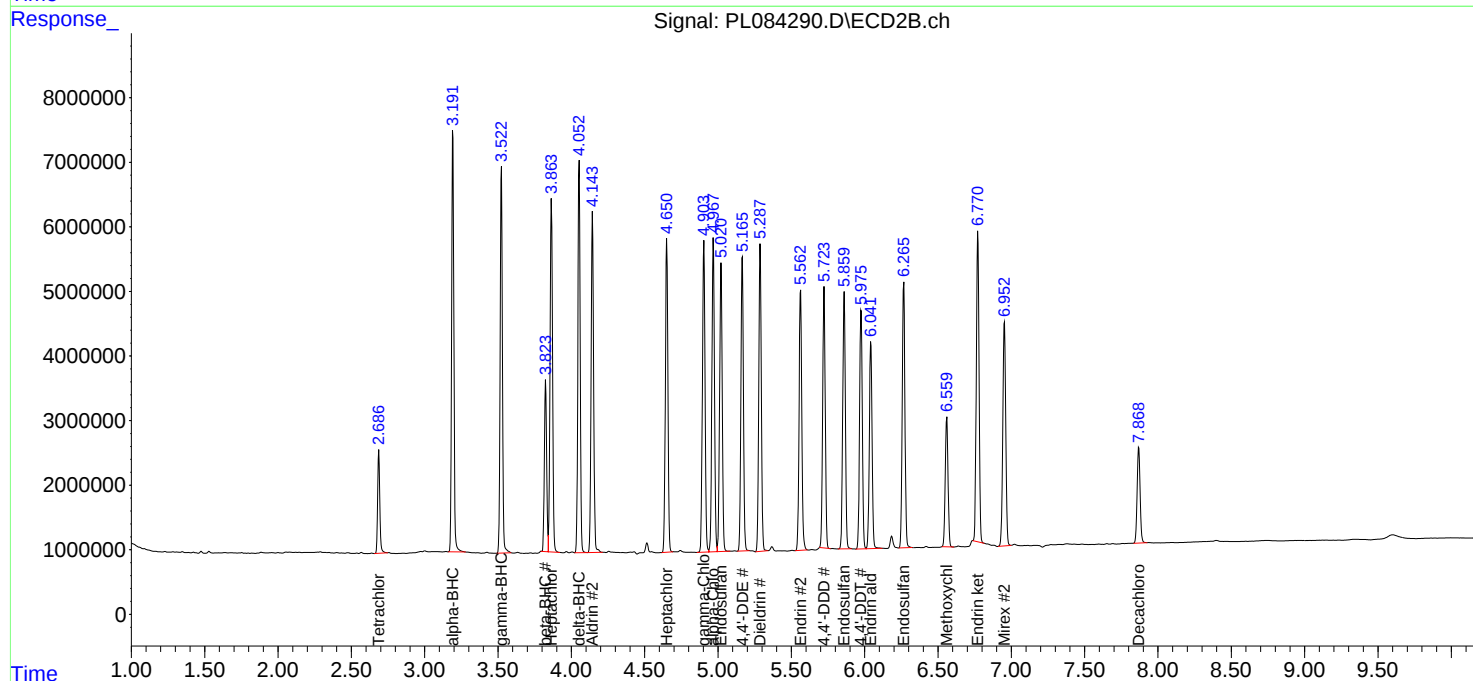
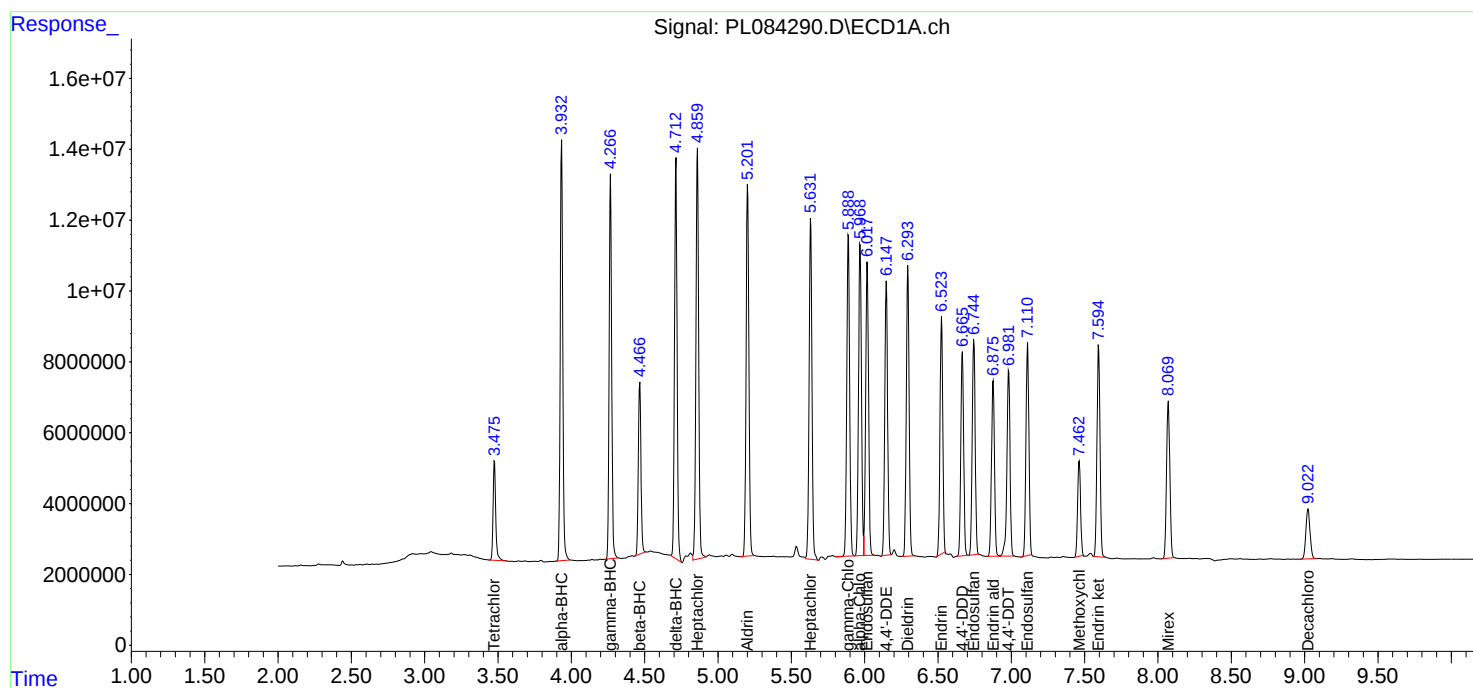
Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BS

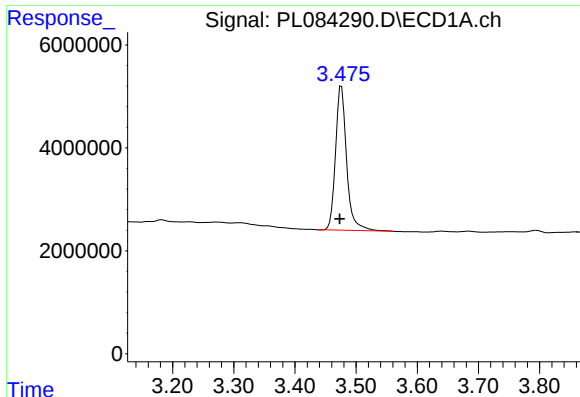
Manual Integrations  
APPROVED

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 21:23:32 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.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 35343226  
Conc: 17.67 ng/ml

Instrument :

ECD\_L

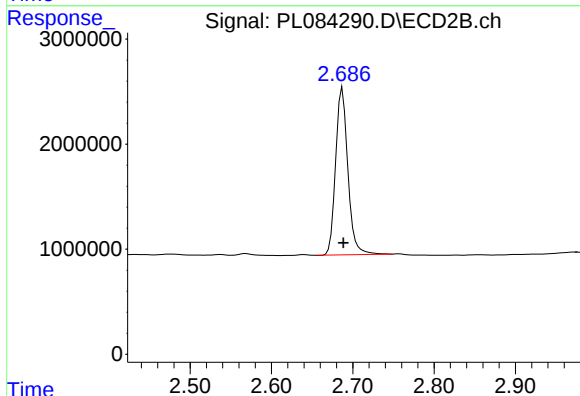
ClientSampleId :

PB154452BS

Manual Integrations

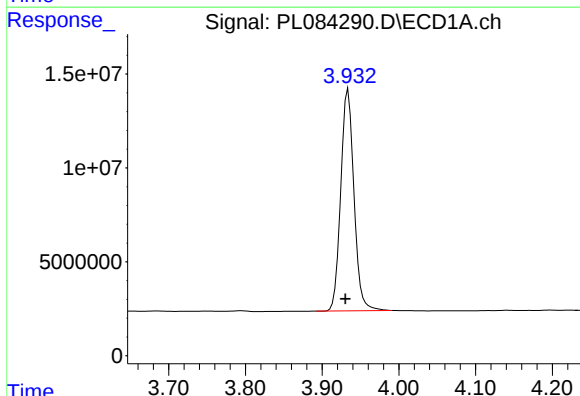
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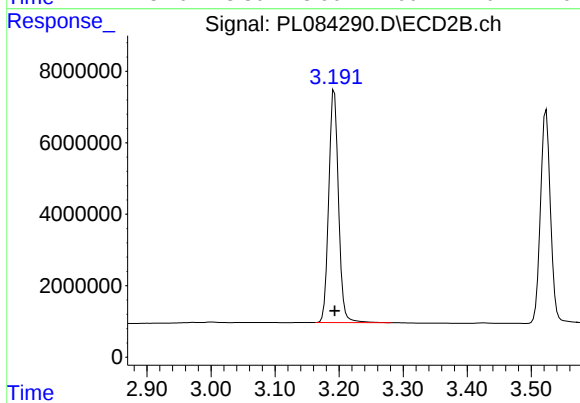
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: -0.001 min  
Response: 16648182  
Conc: 14.99 ng/ml



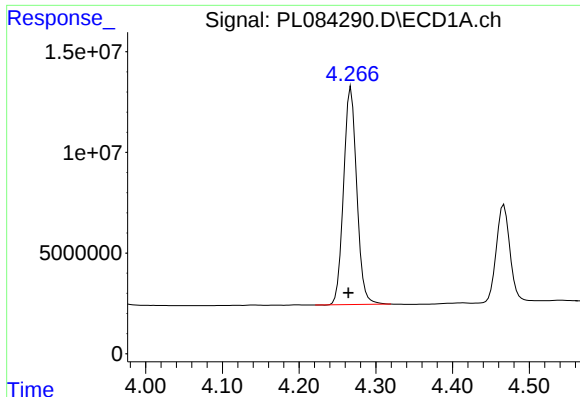
#2 alpha-BHC

R.T.: 3.934 min  
Delta R.T.: 0.003 min  
Response: 141429261  
Conc: 48.27 ng/ml



#2 alpha-BHC

R.T.: 3.192 min  
Delta R.T.: 0.000 min  
Response: 68942732  
Conc: 42.88 ng/ml



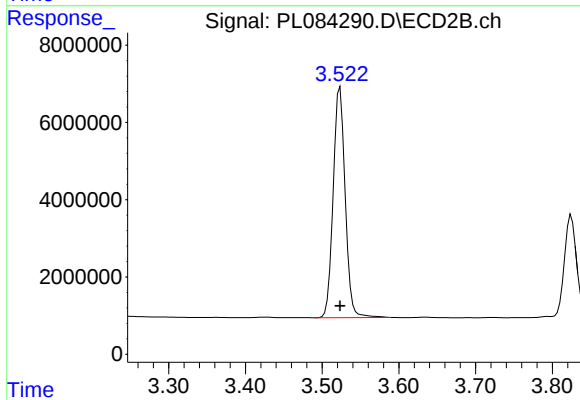
#3 gamma-BHC (Lindane)

R.T.: 4.268 min  
Delta R.T.: 0.004 min  
Response: 129111986  
Conc: 45.70 ng/ml

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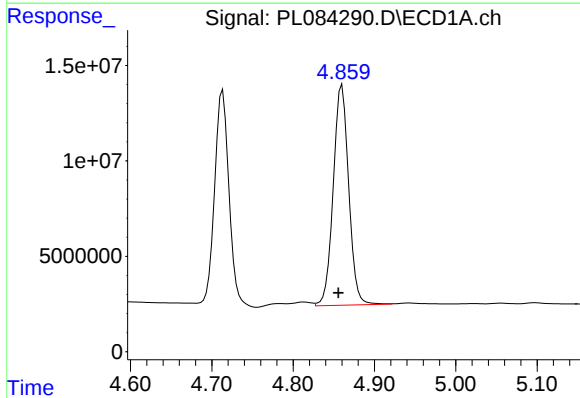
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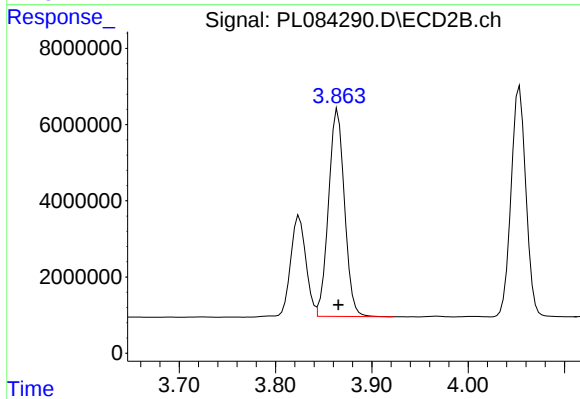
#3 gamma-BHC (Lindane)

R.T.: 3.523 min  
Delta R.T.: 0.000 min  
Response: 64862323  
Conc: 42.65 ng/ml



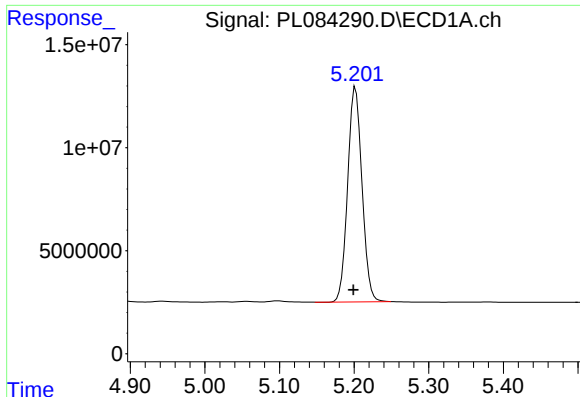
#4 Heptachlor

R.T.: 4.860 min  
Delta R.T.: 0.004 min  
Response: 152755003  
Conc: 56.21 ng/ml



#4 Heptachlor

R.T.: 3.865 min  
Delta R.T.: 0.000 min  
Response: 62880658  
Conc: 53.36 ng/ml



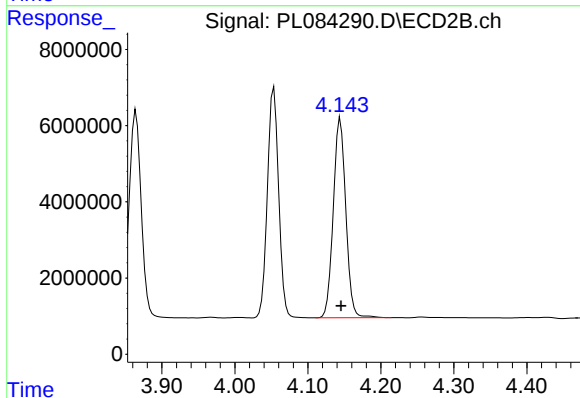
#5 Aldrin

R.T.: 5.202 min  
Delta R.T.: 0.003 min  
Response: 138921151  
Conc: 48.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BS

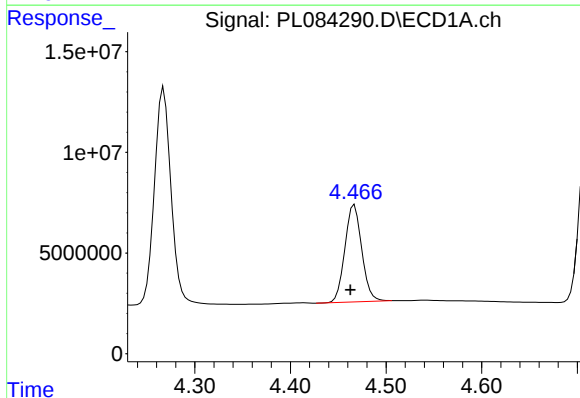
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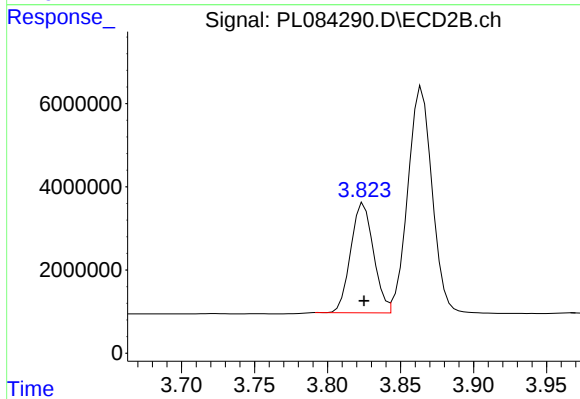
#5 Aldrin

R.T.: 4.145 min  
Delta R.T.: 0.000 min  
Response: 62432958  
Conc: 41.41 ng/ml



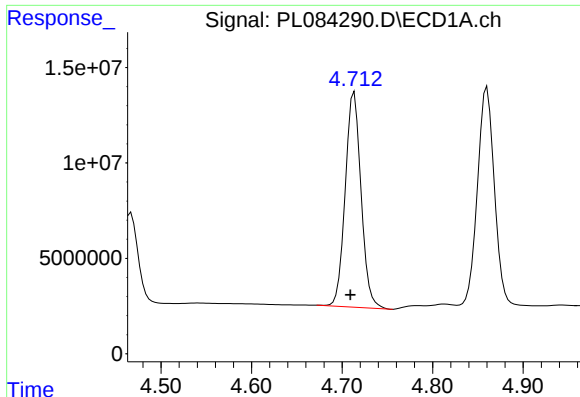
#6 beta-BHC

R.T.: 4.467 min  
Delta R.T.: 0.004 min  
Response: 59431062  
Conc: 49.53 ng/ml



#6 beta-BHC

R.T.: 3.825 min  
Delta R.T.: 0.000 min  
Response: 28652354  
Conc: 43.41 ng/ml



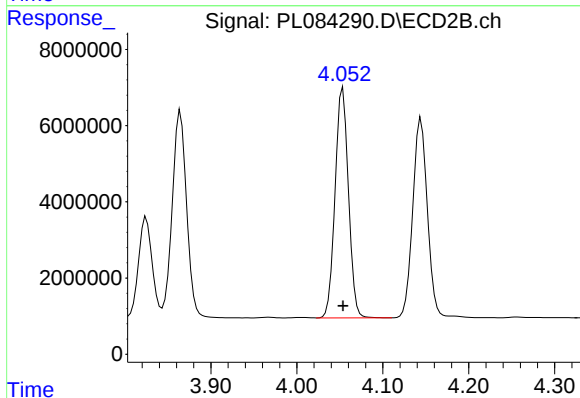
#7 delta-BHC

R.T.: 4.713 min  
Delta R.T.: 0.004 min  
Response: 137206134  
Conc: 51.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BS

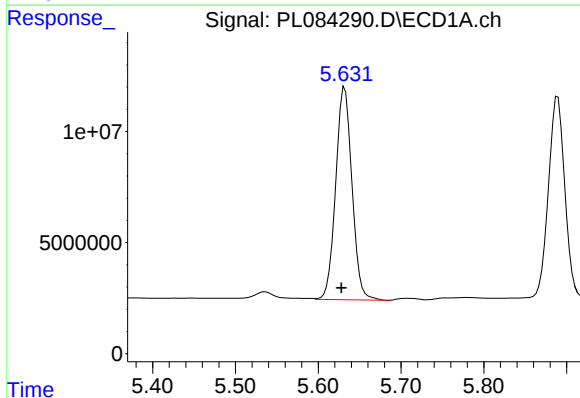
Manual Integrations  
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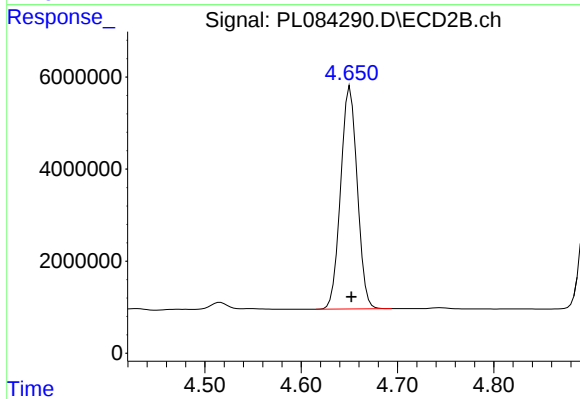
#7 delta-BHC

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 64931419  
Conc: 42.93 ng/ml



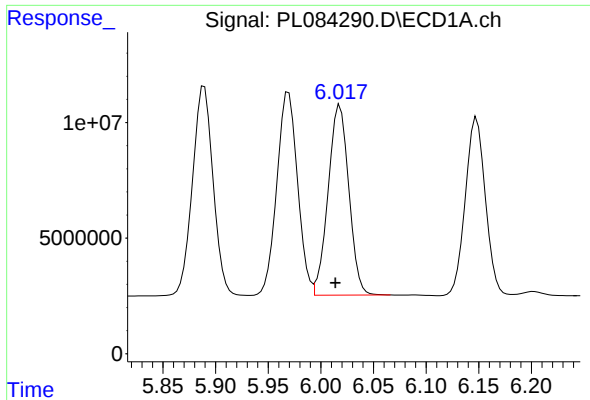
#8 Heptachlor epoxide

R.T.: 5.632 min  
Delta R.T.: 0.004 min  
Response: 131065220  
Conc: 49.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.651 min  
Delta R.T.: -0.001 min  
Response: 57767326  
Conc: 44.98 ng/ml



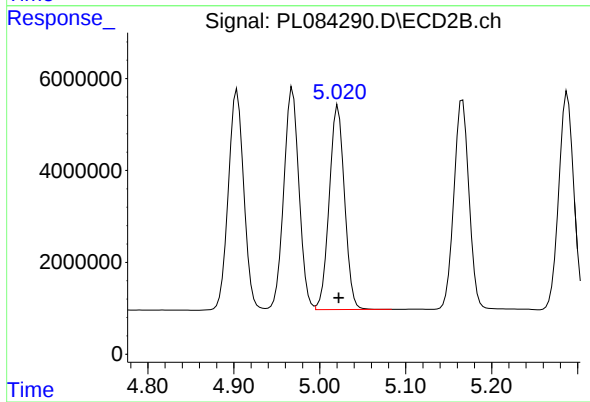
#9 Endosulfan I

R.T.: 6.018 min  
Delta R.T.: 0.004 min  
Response: 112483369  
Conc: 47.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BS

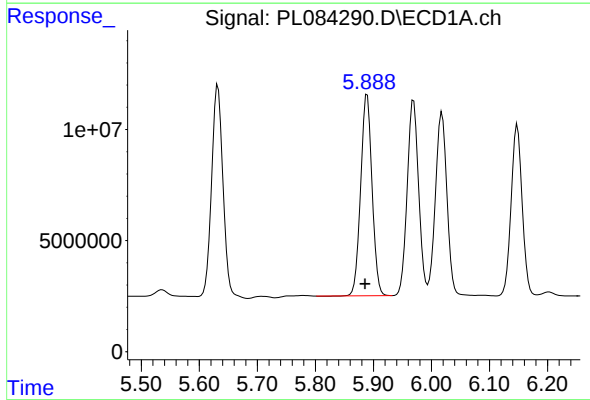
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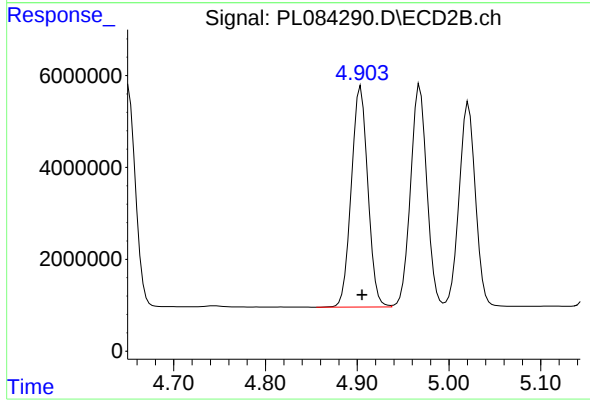
#9 Endosulfan I

R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 54847771  
Conc: 44.72 ng/ml



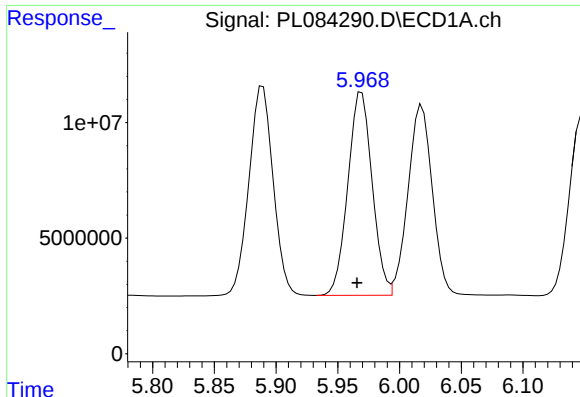
#10 gamma-Chlordane

R.T.: 5.889 min  
Delta R.T.: 0.004 min  
Response: 123802771  
Conc: 47.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.904 min  
Delta R.T.: -0.001 min  
Response: 60098735  
Conc: 45.11 ng/ml



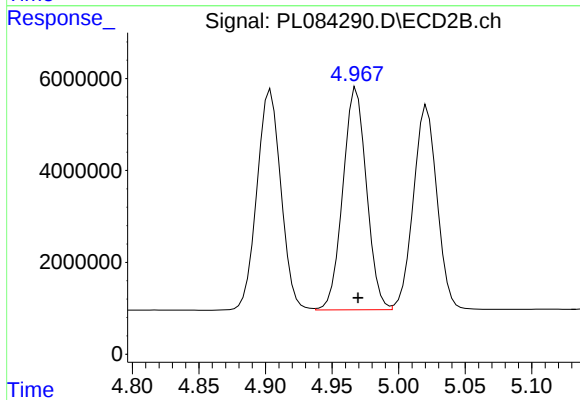
#11 alpha-Chlordane

R.T.: 5.969 min  
Delta R.T.: 0.004 min  
Response: 120359466  
Conc: 47.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BS

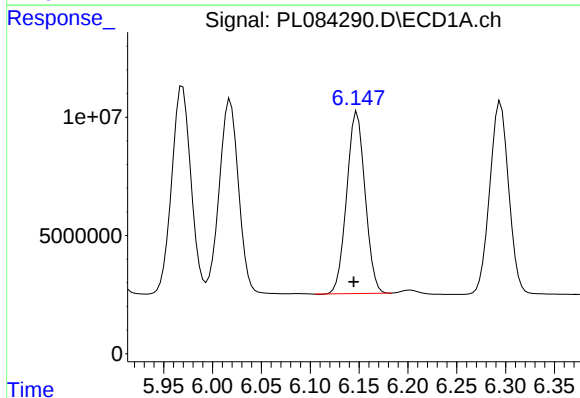
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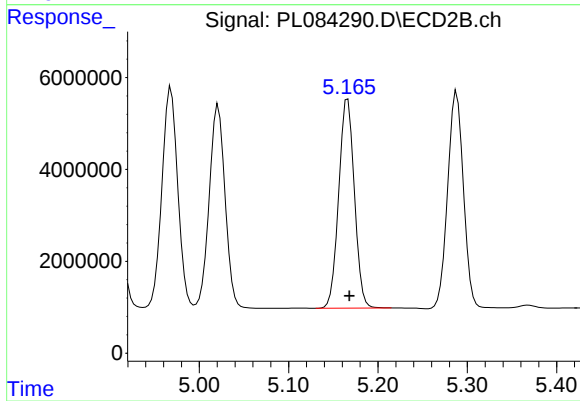
#11 alpha-Chlordane

R.T.: 4.968 min  
Delta R.T.: -0.001 min  
Response: 59787258  
Conc: 44.38 ng/ml



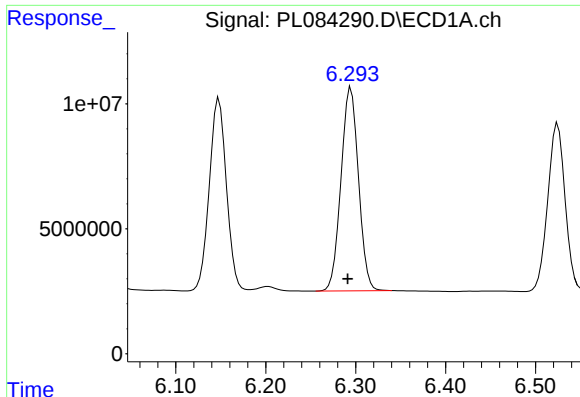
#12 4,4'-DDE

R.T.: 6.148 min  
Delta R.T.: 0.003 min  
Response: 100826680  
Conc: 50.11 ng/ml



#12 4,4'-DDE

R.T.: 5.166 min  
Delta R.T.: -0.002 min  
Response: 55407200  
Conc: 45.11 ng/ml



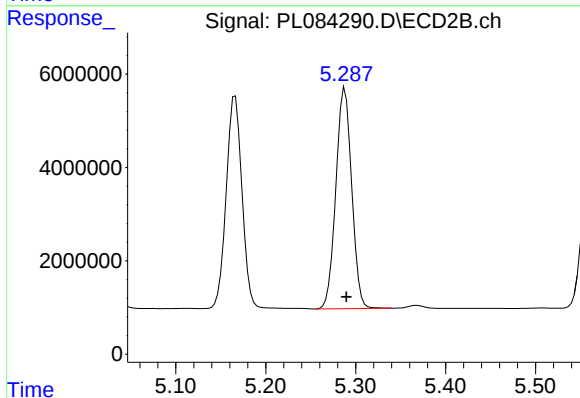
#13 Dieldrin

R.T.: 6.295 min  
Delta R.T.: 0.004 min  
Response: 109915038  
Conc: 46.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BS

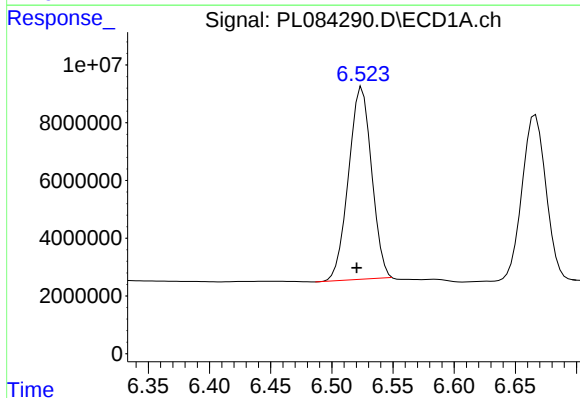
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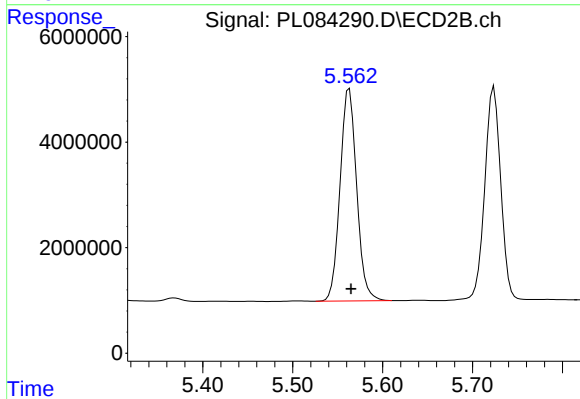
#13 Dieldrin

R.T.: 5.288 min  
Delta R.T.: -0.002 min  
Response: 57933086  
Conc: 44.48 ng/ml



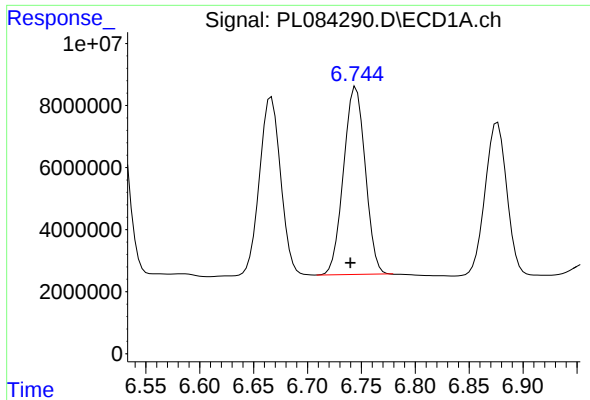
#14 Endrin

R.T.: 6.525 min  
Delta R.T.: 0.005 min  
Response: 87361570  
Conc: 45.87 ng/ml



#14 Endrin

R.T.: 5.563 min  
Delta R.T.: -0.002 min  
Response: 51664865  
Conc: 47.00 ng/ml



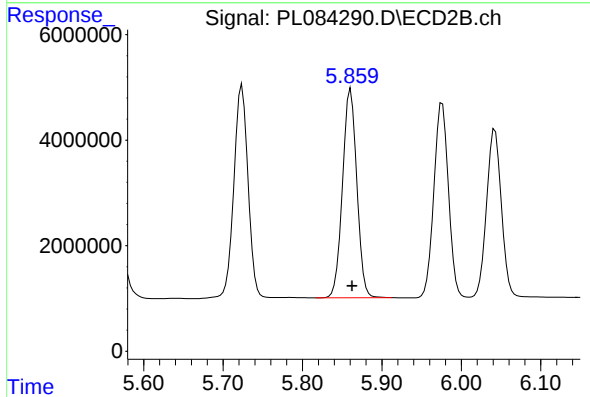
#15 Endosulfan II

R.T.: 6.744 min  
Delta R.T.: 0.004 min  
Response: 84920741  
Conc: 45.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BS

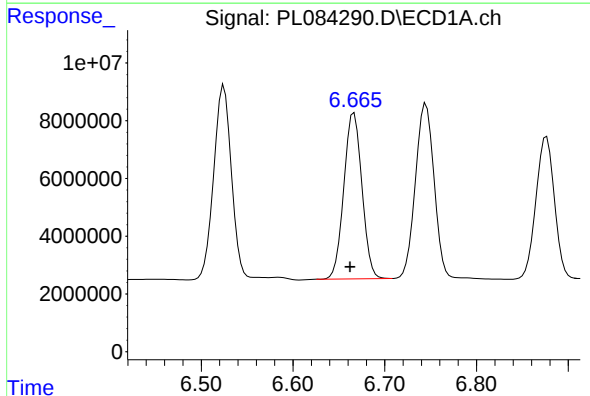
Manual Integrations  
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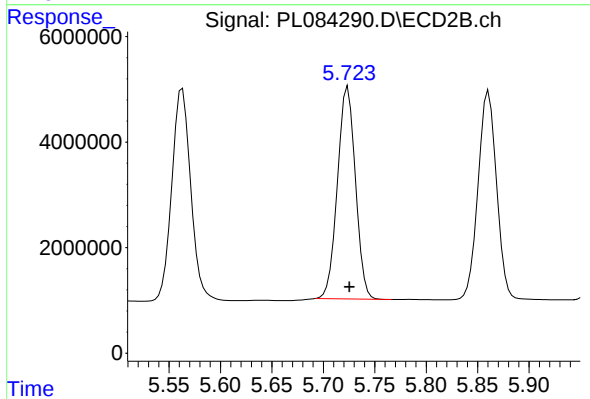
#15 Endosulfan II

R.T.: 5.861 min  
Delta R.T.: -0.002 min  
Response: 49597486  
Conc: 43.15 ng/ml



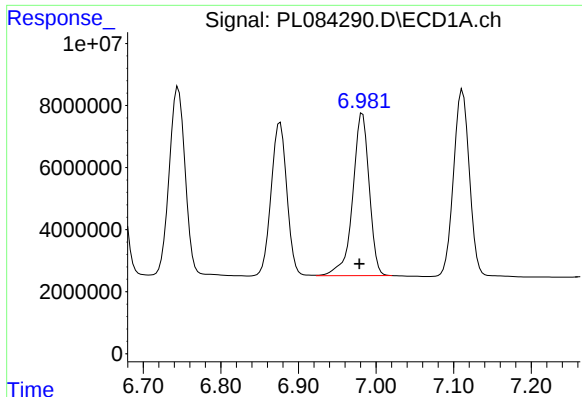
#16 4,4'-DDD

R.T.: 6.667 min  
Delta R.T.: 0.004 min  
Response: 78630971  
Conc: 53.54 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min  
Delta R.T.: -0.002 min  
Response: 48952699  
Conc: 51.03 ng/ml



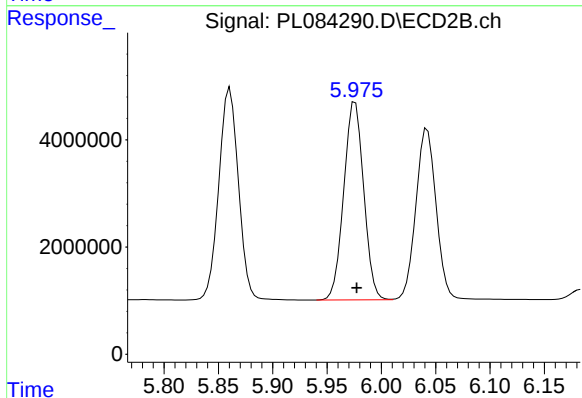
#17 4,4'-DDT

R.T.: 6.983 min  
Delta R.T.: 0.004 min  
Response: 77276931  
Conc: 48.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BS

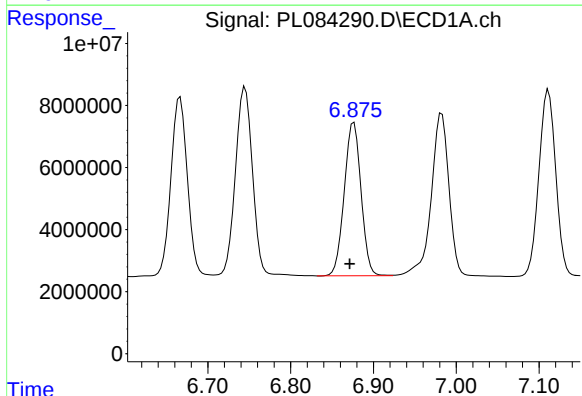
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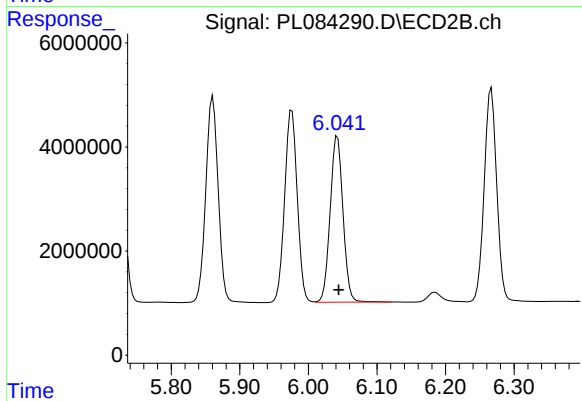
#17 4,4'-DDT

R.T.: 5.976 min  
Delta R.T.: -0.001 min  
Response: 47247784  
Conc: 51.88 ng/ml



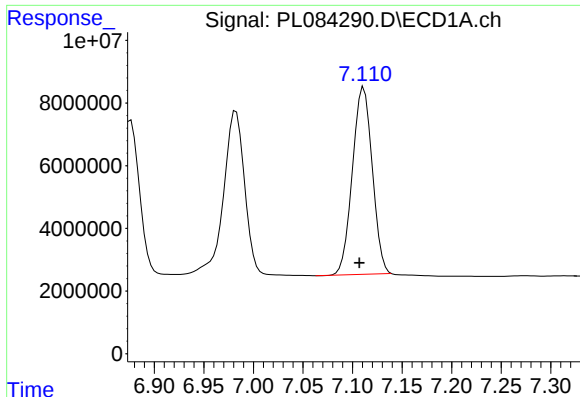
#18 Endrin aldehyde

R.T.: 6.876 min  
Delta R.T.: 0.005 min  
Response: 69543920  
Conc: 47.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.042 min  
Delta R.T.: -0.002 min  
Response: 41529261  
Conc: 46.20 ng/ml



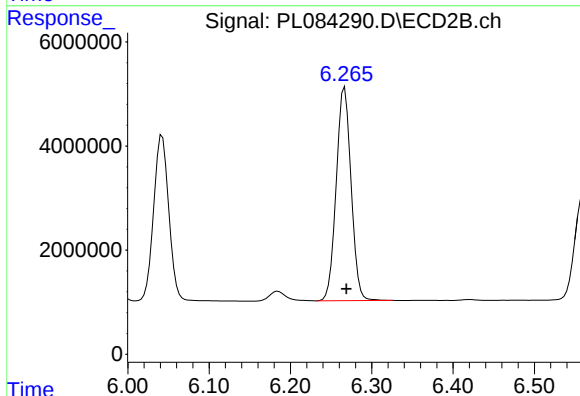
#19 Endosulfan Sulfate

R.T.: 7.111 min  
Delta R.T.: 0.005 min  
Response: 83464681  
Conc: 48.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BS

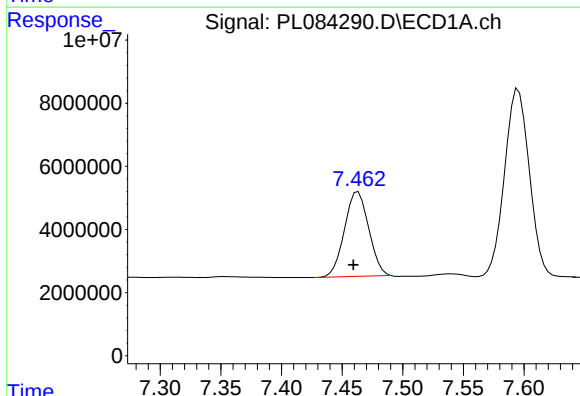
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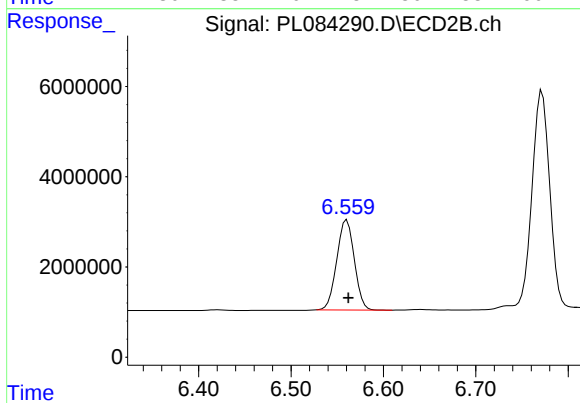
#19 Endosulfan Sulfate

R.T.: 6.267 min  
Delta R.T.: -0.002 min  
Response: 52006937  
Conc: 47.32 ng/ml



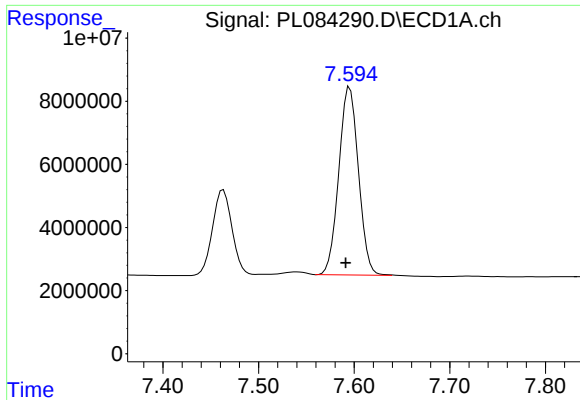
#20 Methoxychlor

R.T.: 7.463 min  
Delta R.T.: 0.004 min  
Response: 37324148  
Conc: 47.72 ng/ml



#20 Methoxychlor

R.T.: 6.560 min  
Delta R.T.: -0.002 min  
Response: 26425096  
Conc: 55.14 ng/ml



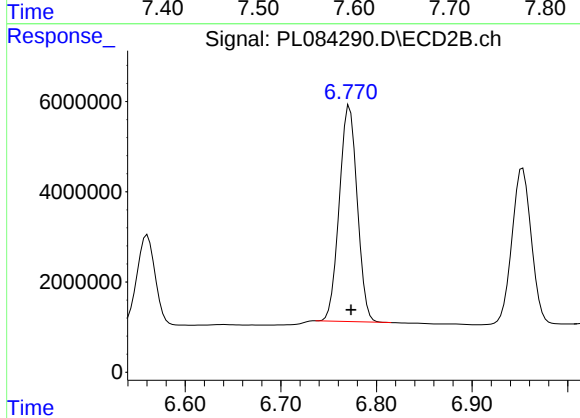
#21 Endrin ketone

R.T.: 7.594 min  
Delta R.T.: 0.003 min  
Response: 85092687  
Conc: 48.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BS

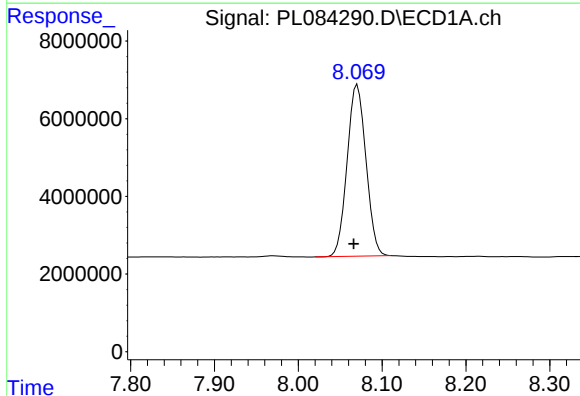
Manual Integrations  
APPROVED

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



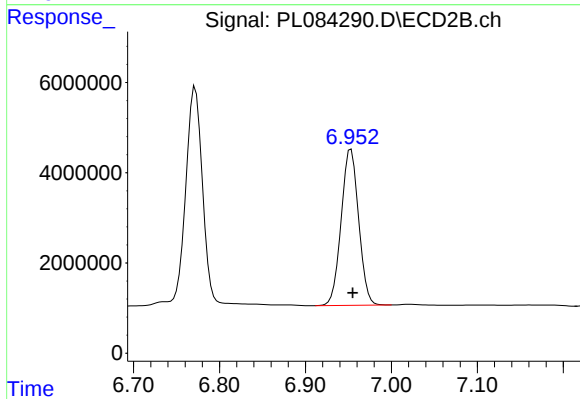
#21 Endrin ketone

R.T.: 6.772 min  
Delta R.T.: -0.002 min  
Response: 62558134  
Conc: 48.42 ng/ml



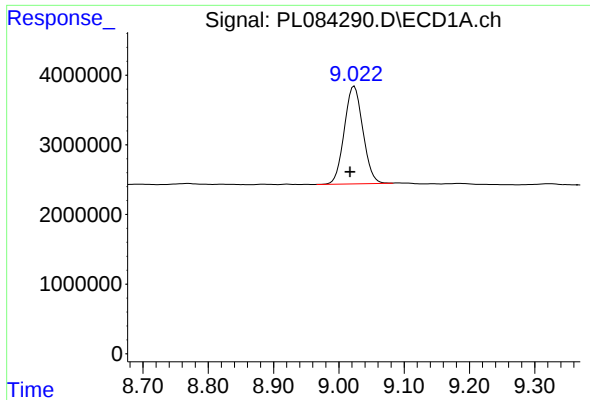
#22 Mirex

R.T.: 8.070 min  
Delta R.T.: 0.004 min  
Response: 69127787  
Conc: 48.31 ng/ml



#22 Mirex

R.T.: 6.953 min  
Delta R.T.: -0.002 min  
Response: 48972484  
Conc: 47.98 ng/ml



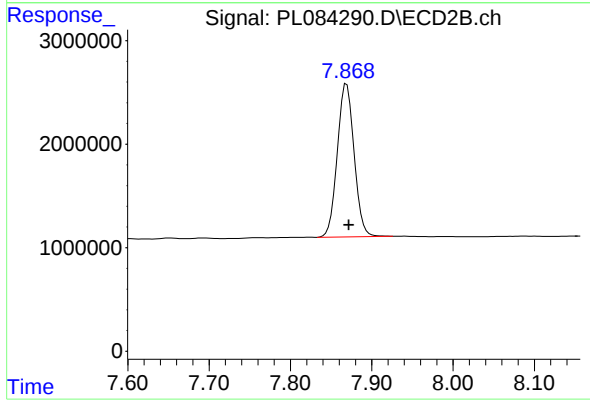
#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: 0.006 min  
Response: 27693136  
Conc: 21.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154452BS

Manual Integrations  
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.869 min  
Delta R.T.: -0.002 min  
Response: 21199598  
Conc: 19.08 ng/ml