

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061722\  
 Data File : PL075837.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2022 12:29  
 Operator : AR\AJ  
 Sample : N3301-04MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-SO-20220609MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/20/2022  
 Supervised By :Ankita Jodhani 06/20/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 17 22:28:31 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 07 02:04:29 2022  
 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... | 5.642  | 4.636  | 12710232 | 30022425 | 18.833  | 17.890  |
| 28)                         | SA Decachlor... | 11.637 | 10.378 | 12009718 | 25713870 | 19.617  | 18.250  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 6.226  | 5.337  | 54011118 | 125.7E6  | 57.461  | 55.506  |
| 3)                          | MA gamma-BHC... | 6.624  | 5.758  | 50565340 | 116.0E6  | 57.609  | 53.514  |
| 4)                          | MA Heptachlor   | 7.279  | 6.166  | 50081478 | 104.4E6  | 54.464  | 48.955  |
| 5)                          | MB Aldrin       | 7.653  | 6.489  | 47408013 | 107.0E6  | 57.740  | 54.475  |
| 6)                          | B beta-BHC      | 6.877  | 6.135  | 22148654 | 41607189 | 53.966  | 42.390m |
| 7)                          | B delta-BHC     | 7.145  | 6.397  | 49070293 | 113.6E6  | 63.771m | 53.048  |
| 8)                          | B Heptachlo...  | 8.120  | 7.063  | 44291396 | 96777197 | 57.299  | 52.888  |
| 9)                          | A Endosulfan I  | 8.529  | 7.465  | 39571962 | 87893956 | 56.557  | 52.550  |
| 10)                         | B gamma-Chl...  | 8.390  | 7.340  | 43576013 | 97396231 | 56.115m | 53.120  |
| 11)                         | B alpha-Chl...  | 8.472  | 7.409  | 43291229 | 95904782 | 56.768  | 52.525  |
| 12)                         | B 4,4'-DDE      | 8.658  | 7.621  | 38141442 | 86937665 | 57.630  | 54.378  |
| 13)                         | MA Dieldrin     | 8.819  | 7.750  | 41267814 | 92853657 | 57.123  | 54.859  |
| 14)                         | MA Endrin       | 9.061  | 8.040  | 34293741 | 81213015 | 57.839  | 59.404  |
| 15)                         | B Endosulfa...  | 9.294  | 8.351  | 34926938 | 77841479 | 56.127  | 54.318  |
| 16)                         | A 4,4'-DDD      | 9.201  | 8.204  | 31755595 | 72333983 | 58.038  | 55.009  |
| 17)                         | MA 4,4'-DDT     | 9.520  | 8.464  | 31580174 | 71500075 | 49.299  | 50.862  |
| 18)                         | B Endrin al...  | 9.430  | 8.538  | 26929334 | 58401842 | 52.579  | 51.851  |
| 19)                         | B Endosulfa...  | 9.668  | 8.768  | 33995922 | 76558001 | 54.272  | 52.123  |
| 20)                         | A Methoxychlor  | 10.006 | 9.057  | 17740819 | 39647175 | 49.559  | 48.668  |
| 21)                         | B Endrin ke...  | 10.170 | 9.286  | 37718872 | 82717196 | 53.636  | 51.242  |
| 22)                         | Mirex           | 10.643 | 9.473  | 28382825 | 64369256 | 50.432  | 50.127  |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061722\  
Data File : PL075837.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2022 12:29  
Operator : AR\AJ  
Sample : N3301-04MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

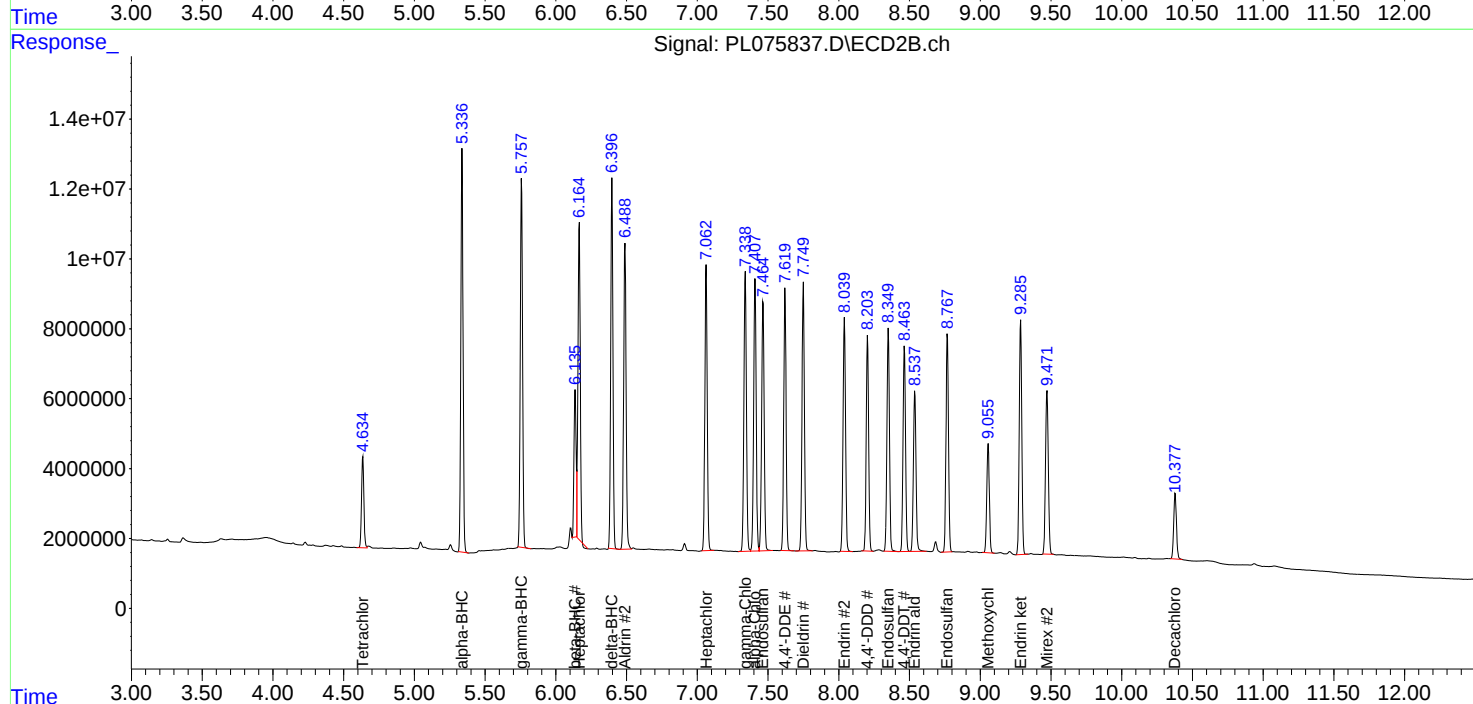
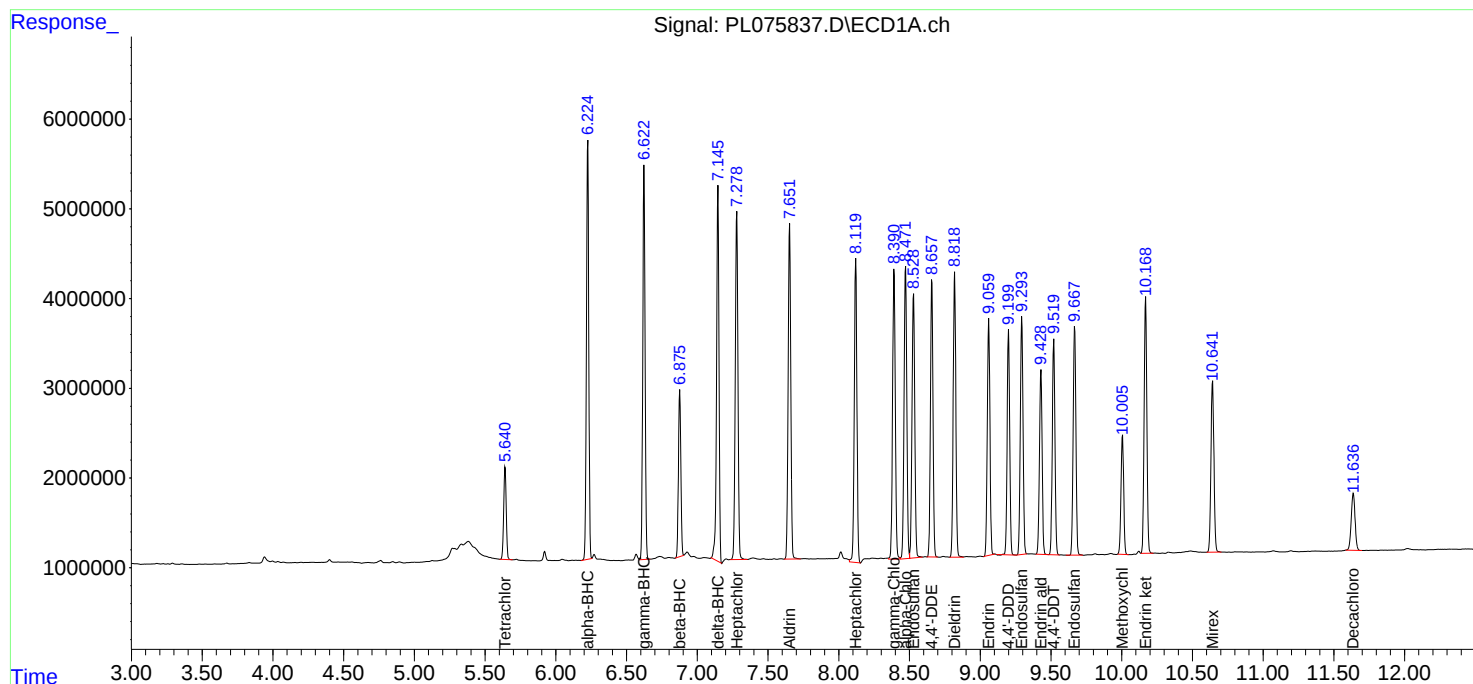
Instrument :  
ECD\_L  
ClientSampleId :  
WC-SO-20220609MS

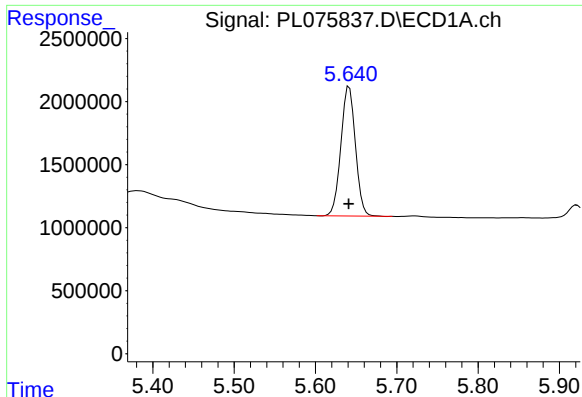
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 17 22:28:31 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 07 02:04:29 2022  
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





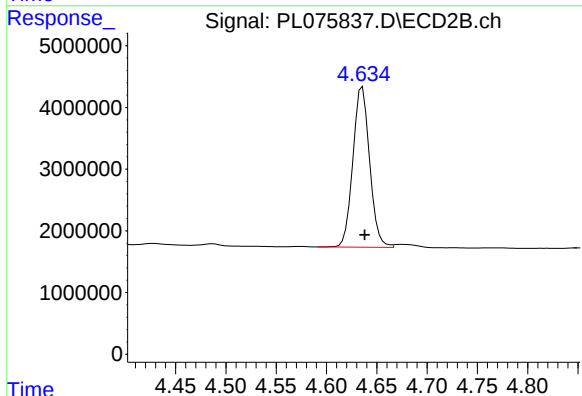
#1 Tetrachloro-m-xylene

R.T.: 5.642 min  
Delta R.T.: 0.000 min  
Response: 12710232  
Conc: 18.83 ng/ml

Instrument :  
ECD\_L  
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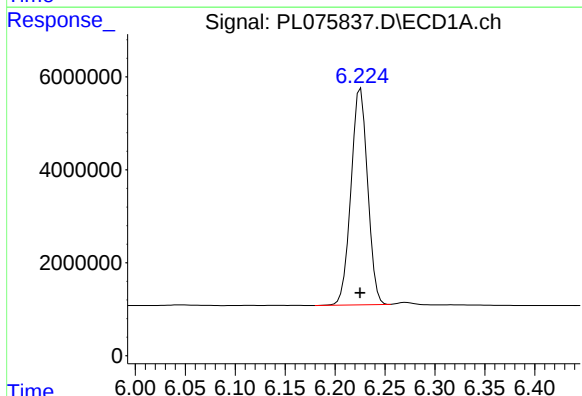
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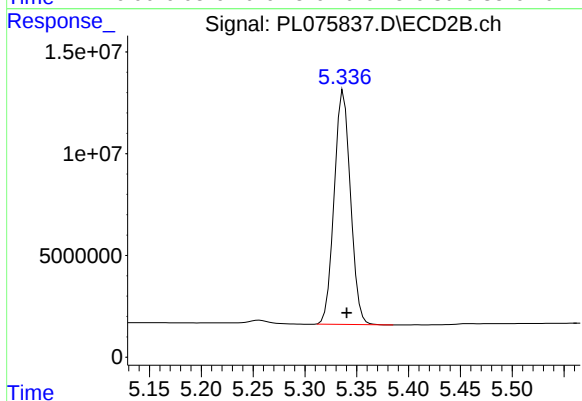
#1 Tetrachloro-m-xylene

R.T.: 4.636 min  
Delta R.T.: -0.002 min  
Response: 30022425  
Conc: 17.89 ng/ml



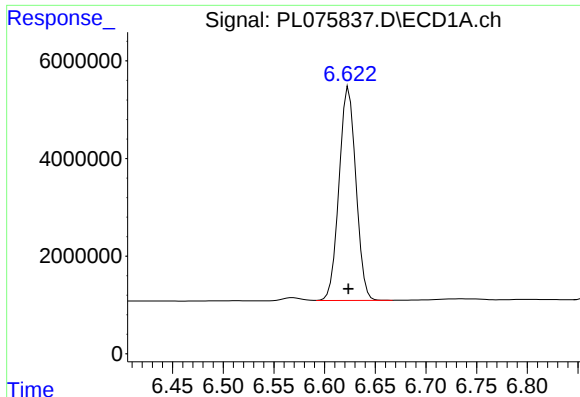
#2 alpha-BHC

R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 54011118  
Conc: 57.46 ng/ml



#2 alpha-BHC

R.T.: 5.337 min  
Delta R.T.: -0.003 min  
Response: 125681845  
Conc: 55.51 ng/ml



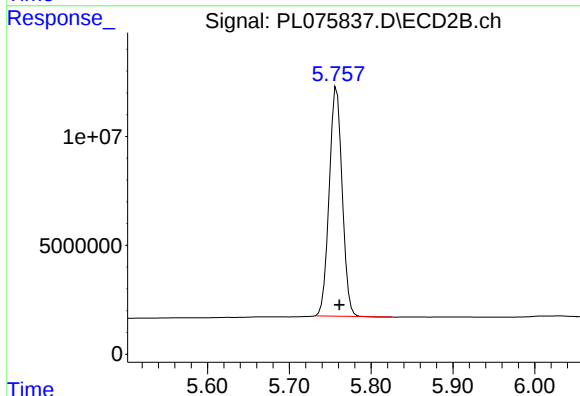
#3 gamma-BHC (Lindane)

R.T.: 6.624 min  
Delta R.T.: 0.000 min  
Response: 50565340  
Conc: 57.61 ng/ml

Instrument :  
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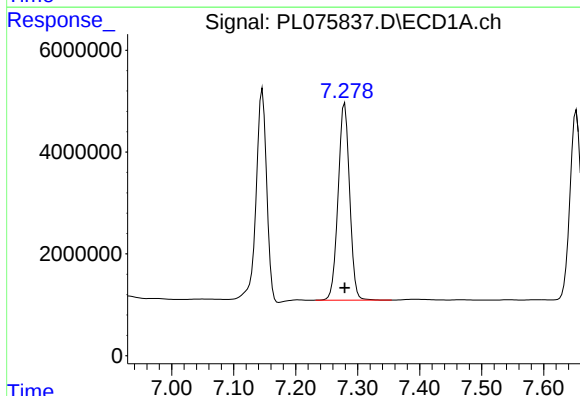
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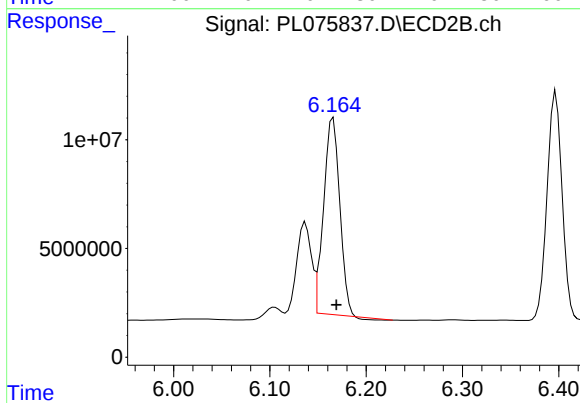
#3 gamma-BHC (Lindane)

R.T.: 5.758 min  
Delta R.T.: -0.003 min  
Response: 116048839  
Conc: 53.51 ng/ml



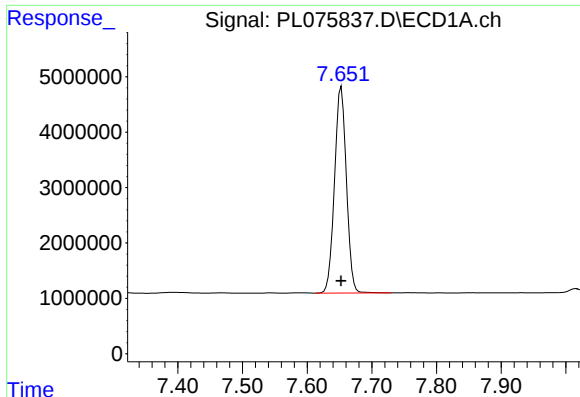
#4 Heptachlor

R.T.: 7.279 min  
Delta R.T.: 0.000 min  
Response: 50081478  
Conc: 54.46 ng/ml



#4 Heptachlor

R.T.: 6.166 min  
Delta R.T.: -0.003 min  
Response: 104380300  
Conc: 48.95 ng/ml



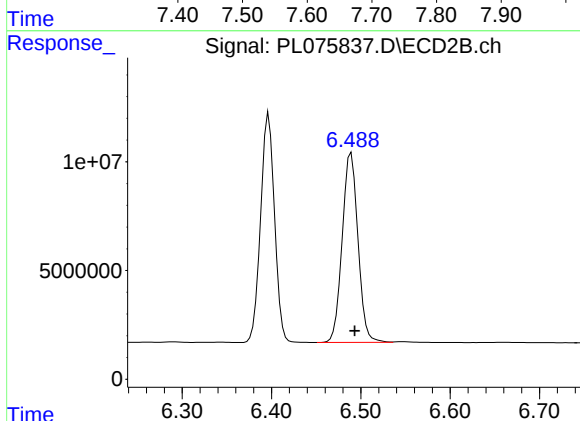
#5 Aldrin

R.T.: 7.653 min  
Delta R.T.: 0.000 min  
Response: 47408013  
Conc: 57.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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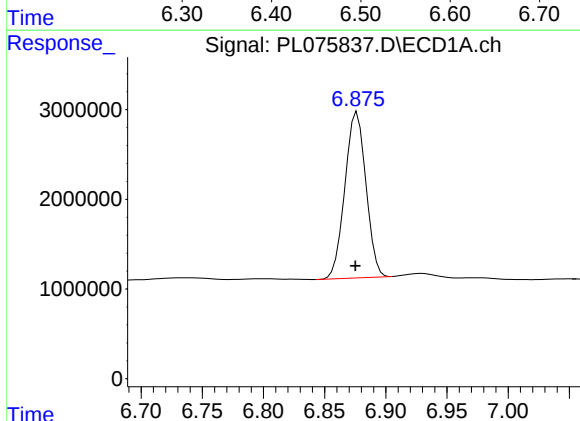
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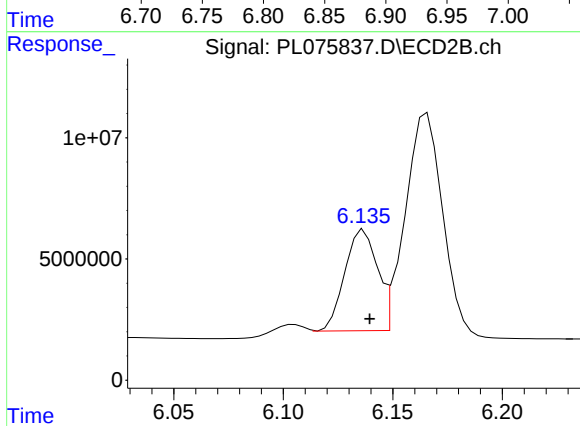
#5 Aldrin

R.T.: 6.489 min  
Delta R.T.: -0.004 min  
Response: 106988295  
Conc: 54.48 ng/ml



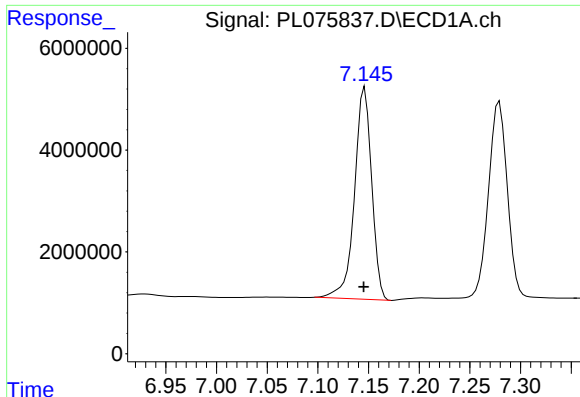
#6 beta-BHC

R.T.: 6.877 min  
Delta R.T.: 0.001 min  
Response: 22148654  
Conc: 53.97 ng/ml



#6 beta-BHC

R.T.: 6.135 min  
Delta R.T.: -0.004 min  
Response: 41607189  
Conc: 42.39 ng/ml m



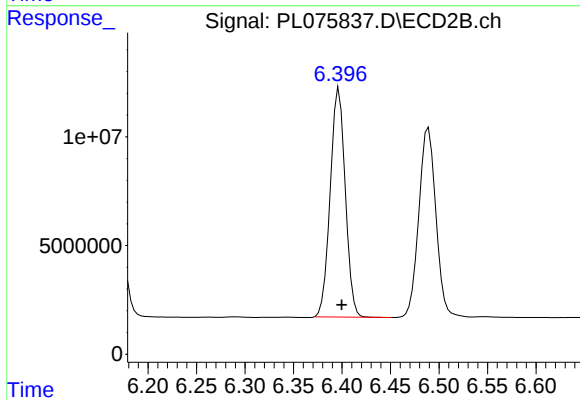
#7 delta-BHC

R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 49070293  
Conc: 63.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SO-20220609MS

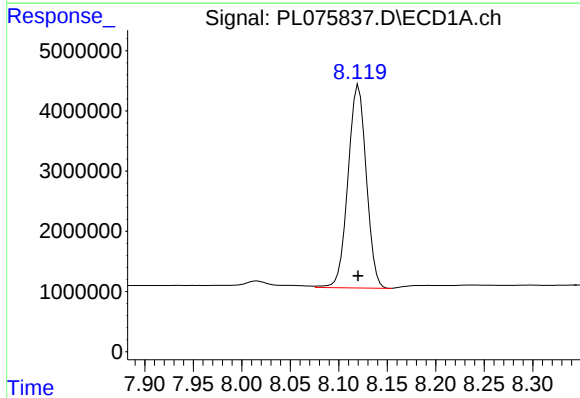
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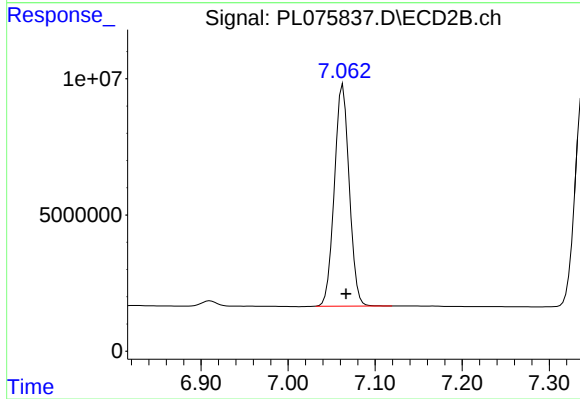
#7 delta-BHC

R.T.: 6.397 min  
Delta R.T.: -0.003 min  
Response: 113567122  
Conc: 53.05 ng/ml



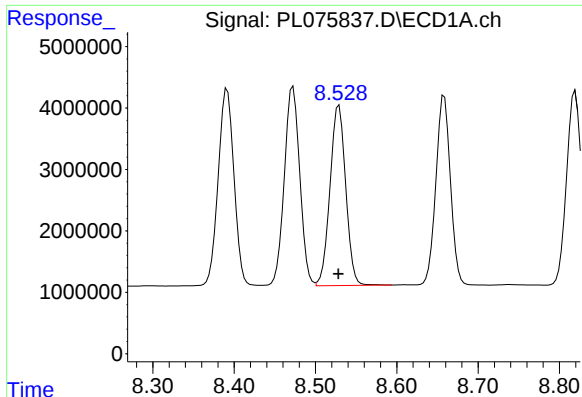
#8 Heptachlor epoxide

R.T.: 8.120 min  
Delta R.T.: 0.000 min  
Response: 44291396  
Conc: 57.30 ng/ml



#8 Heptachlor epoxide

R.T.: 7.063 min  
Delta R.T.: -0.004 min  
Response: 96777197  
Conc: 52.89 ng/ml



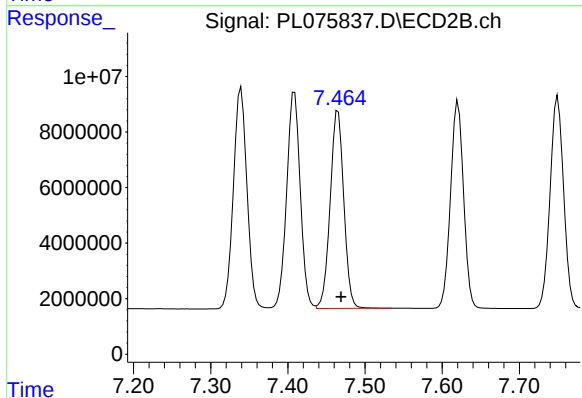
#9 Endosulfan I

R.T.: 8.529 min  
Delta R.T.: 0.000 min  
Response: 39571962  
Conc: 56.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SO-20220609MS

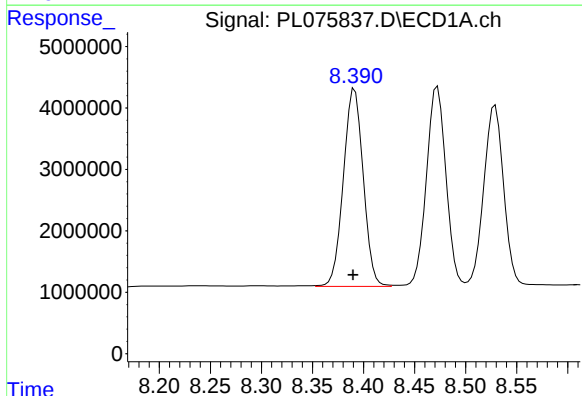
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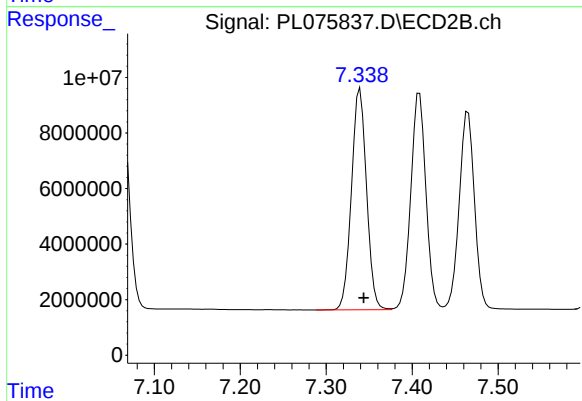
#9 Endosulfan I

R.T.: 7.465 min  
Delta R.T.: -0.004 min  
Response: 87893956  
Conc: 52.55 ng/ml



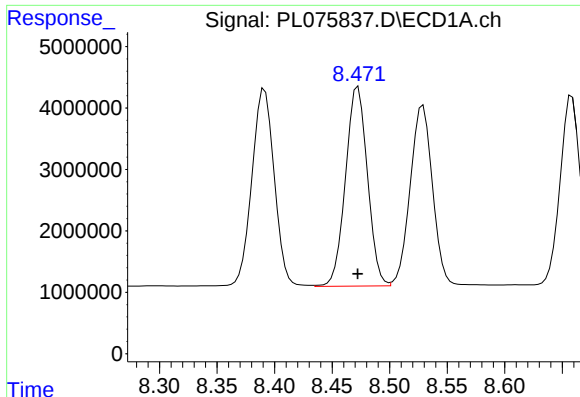
#10 gamma-Chlordane

R.T.: 8.390 min  
Delta R.T.: 0.000 min  
Response: 43576013  
Conc: 56.11 ng/ml m



#10 gamma-Chlordane

R.T.: 7.340 min  
Delta R.T.: -0.004 min  
Response: 97396231  
Conc: 53.12 ng/ml



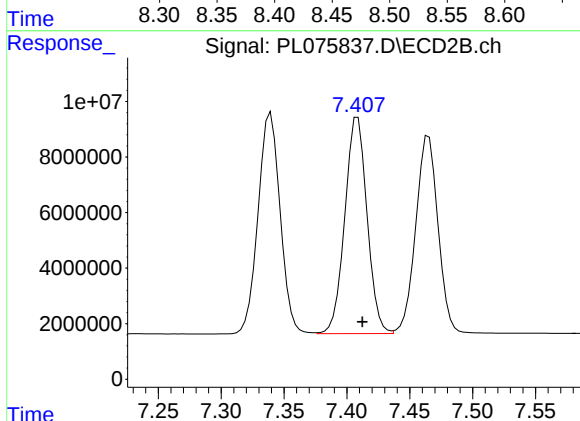
#11 alpha-Chlordane

R.T.: 8.472 min  
Delta R.T.: 0.000 min  
Response: 43291229  
Conc: 56.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SO-20220609MS

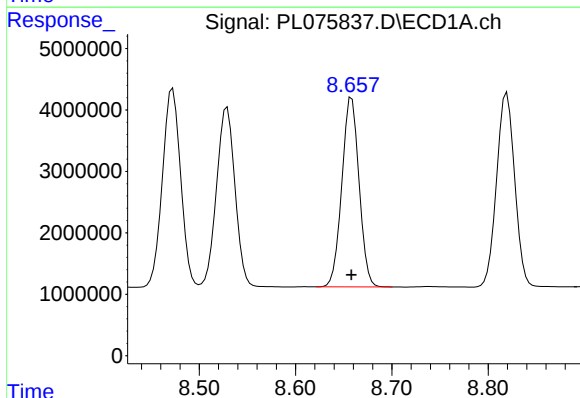
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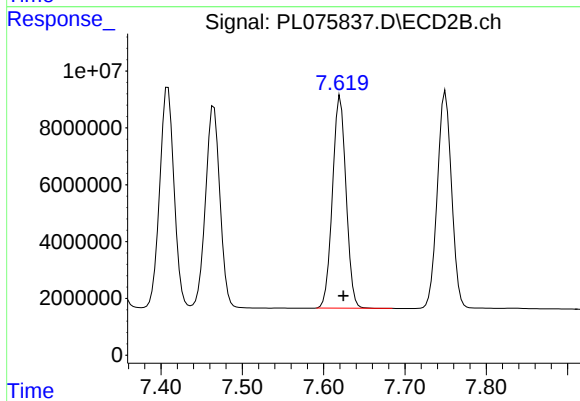
#11 alpha-Chlordane

R.T.: 7.409 min  
Delta R.T.: -0.004 min  
Response: 95904782  
Conc: 52.53 ng/ml



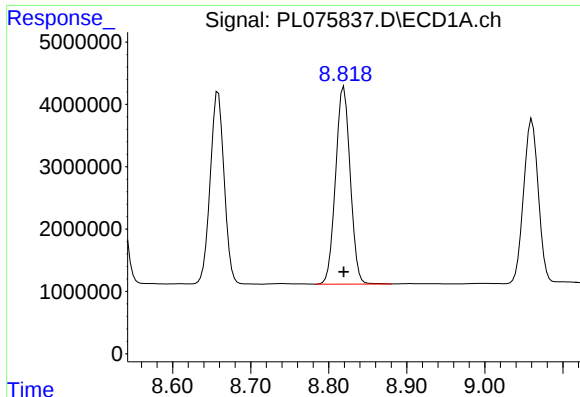
#12 4,4'-DDE

R.T.: 8.658 min  
Delta R.T.: 0.000 min  
Response: 38141442  
Conc: 57.63 ng/ml



#12 4,4'-DDE

R.T.: 7.621 min  
Delta R.T.: -0.004 min  
Response: 86937665  
Conc: 54.38 ng/ml



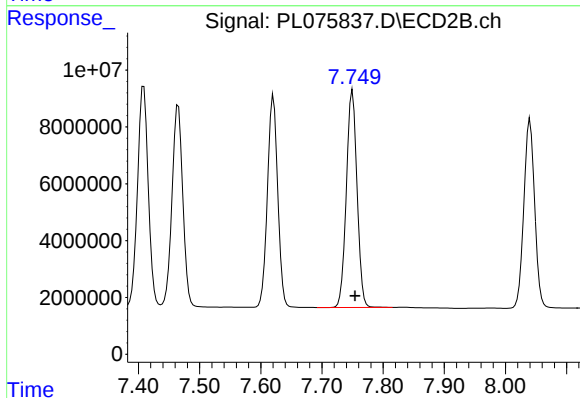
#13 Dieldrin

R.T.: 8.819 min  
Delta R.T.: 0.000 min  
Response: 41267814  
Conc: 57.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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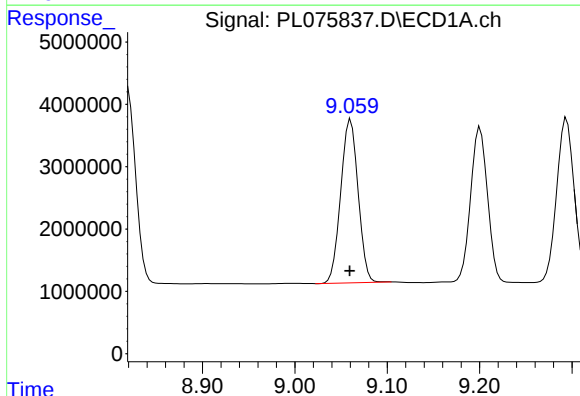
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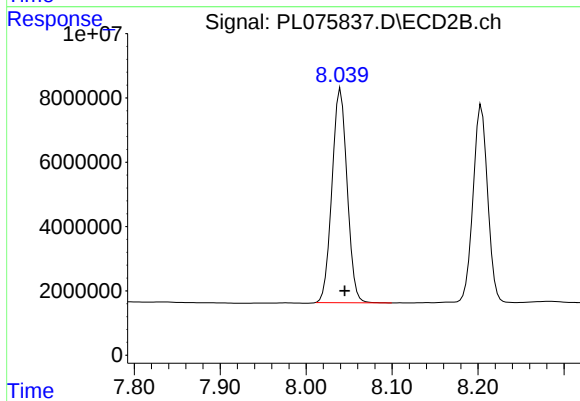
#13 Dieldrin

R.T.: 7.750 min  
Delta R.T.: -0.004 min  
Response: 92853657  
Conc: 54.86 ng/ml



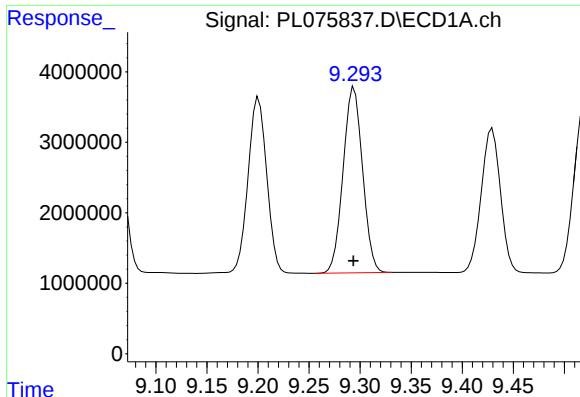
#14 Endrin

R.T.: 9.061 min  
Delta R.T.: 0.001 min  
Response: 34293741  
Conc: 57.84 ng/ml



#14 Endrin

R.T.: 8.040 min  
Delta R.T.: -0.005 min  
Response: 81213015  
Conc: 59.40 ng/ml



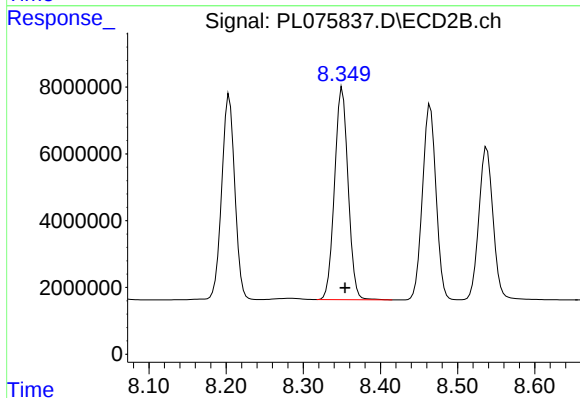
#15 Endosulfan II

R.T.: 9.294 min  
Delta R.T.: 0.000 min  
Response: 34926938  
Conc: 56.13 ng/ml

Instrument :  
ECD\_L  
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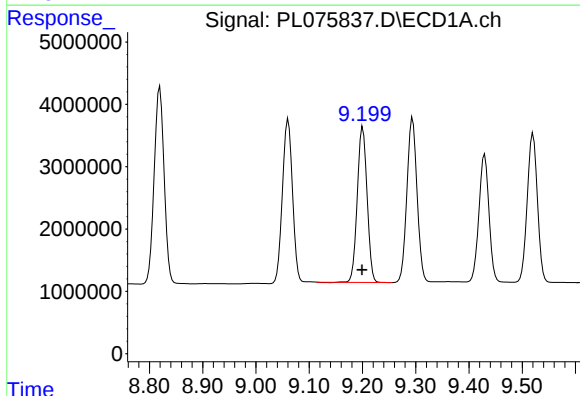
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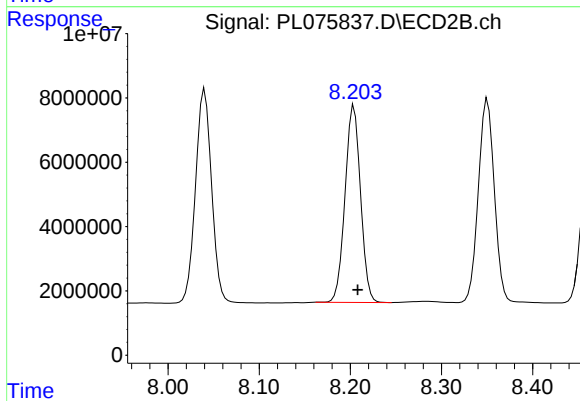
#15 Endosulfan II

R.T.: 8.351 min  
Delta R.T.: -0.004 min  
Response: 77841479  
Conc: 54.32 ng/ml



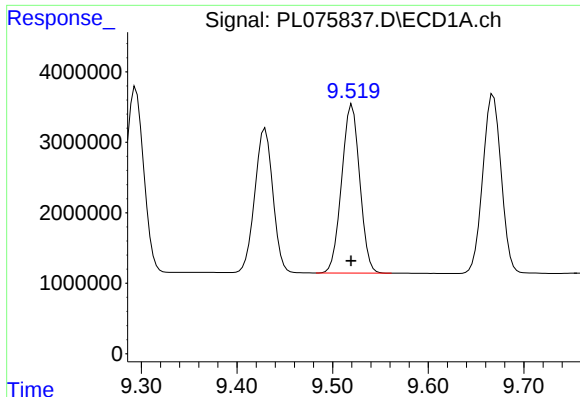
#16 4,4'-DDD

R.T.: 9.201 min  
Delta R.T.: 0.000 min  
Response: 31755595  
Conc: 58.04 ng/ml



#16 4,4'-DDD

R.T.: 8.204 min  
Delta R.T.: -0.004 min  
Response: 72333983  
Conc: 55.01 ng/ml



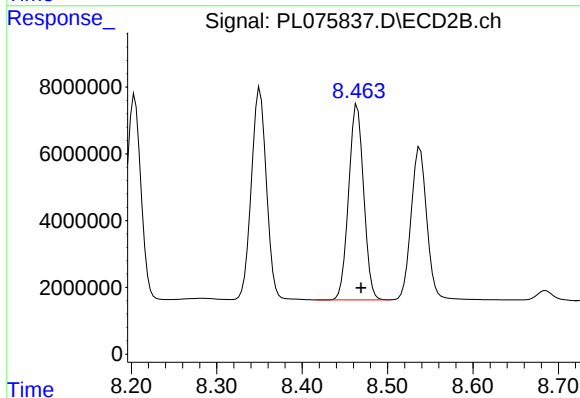
#17 4,4'-DDT

R.T.: 9.520 min  
Delta R.T.: 0.001 min  
Response: 31580174  
Conc: 49.30 ng/ml

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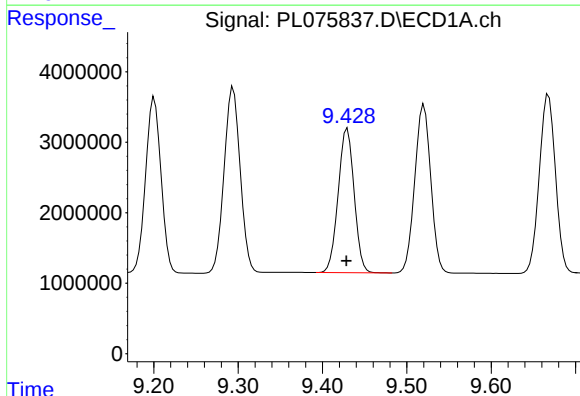
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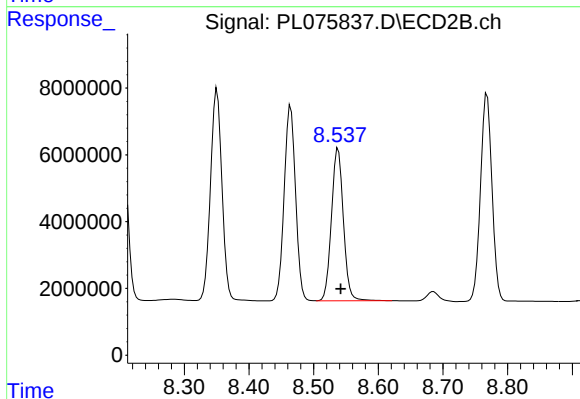
#17 4,4'-DDT

R.T.: 8.464 min  
Delta R.T.: -0.004 min  
Response: 71500075  
Conc: 50.86 ng/ml



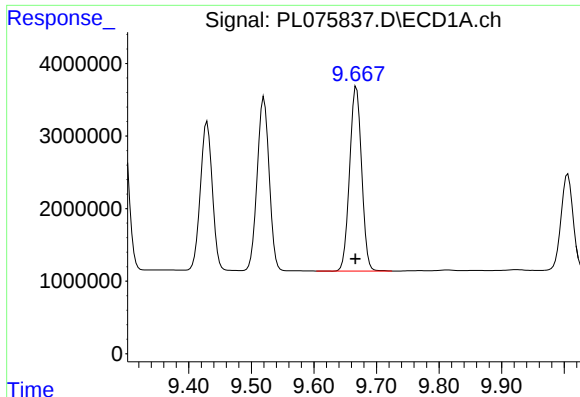
#18 Endrin aldehyde

R.T.: 9.430 min  
Delta R.T.: 0.001 min  
Response: 26929334  
Conc: 52.58 ng/ml



#18 Endrin aldehyde

R.T.: 8.538 min  
Delta R.T.: -0.004 min  
Response: 58401842  
Conc: 51.85 ng/ml



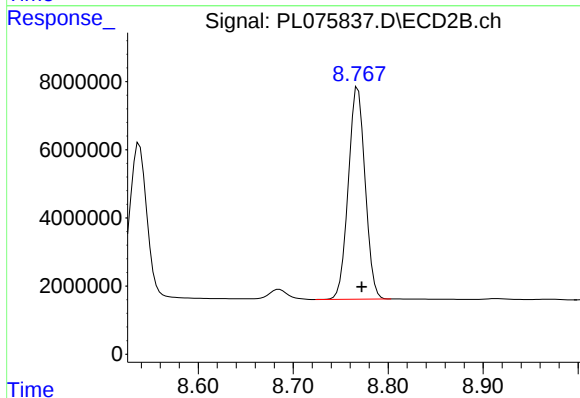
#19 Endosulfan Sulfate

R.T.: 9.668 min  
Delta R.T.: 0.002 min  
Response: 33995922  
Conc: 54.27 ng/ml

Instrument :  
ECD\_L  
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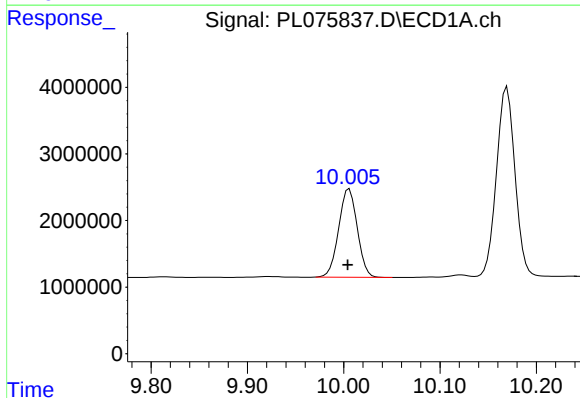
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Supervised By :Ankita Jodhani 06/20/2022



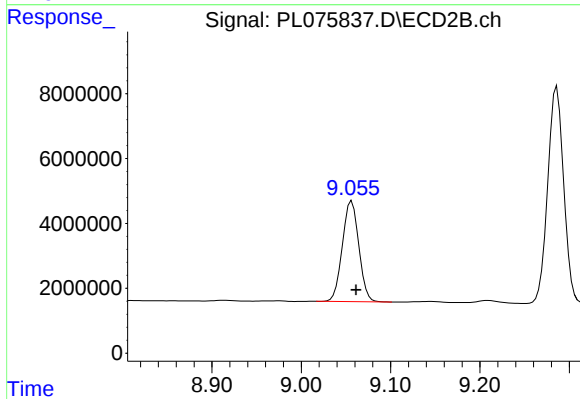
#19 Endosulfan Sulfate

R.T.: 8.768 min  
Delta R.T.: -0.004 min  
Response: 76558001  
Conc: 52.12 ng/ml



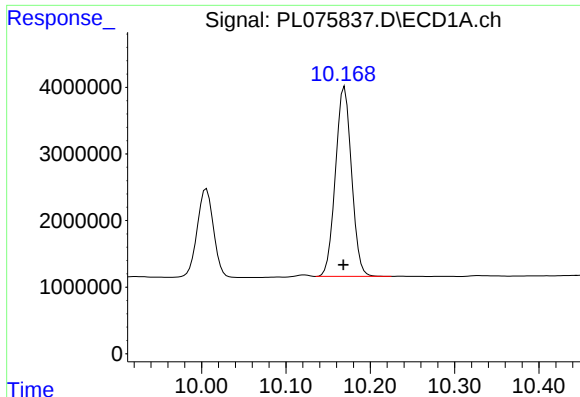
#20 Methoxychlor

R.T.: 10.006 min  
Delta R.T.: 0.002 min  
Response: 17740819  
Conc: 49.56 ng/ml



#20 Methoxychlor

R.T.: 9.057 min  
Delta R.T.: -0.005 min  
Response: 39647175  
Conc: 48.67 ng/ml



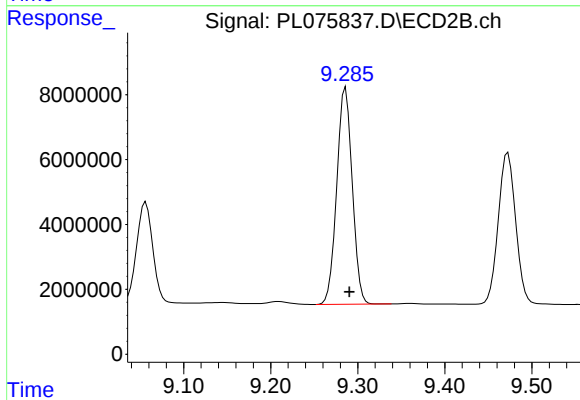
#21 Endrin ketone

R.T.: 10.170 min  
Delta R.T.: 0.001 min  
Response: 37718872  
Conc: 53.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SO-20220609MS

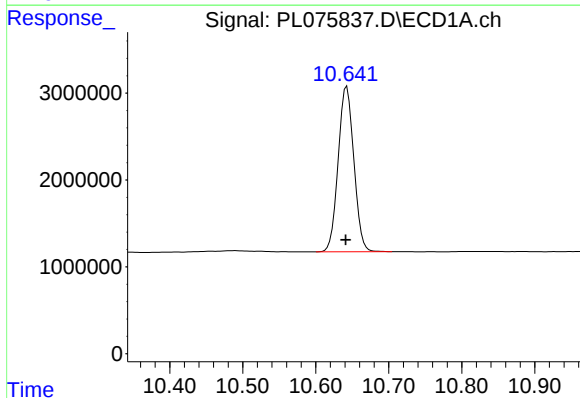
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/20/2022  
Supervised By :Ankita Jodhani 06/20/2022



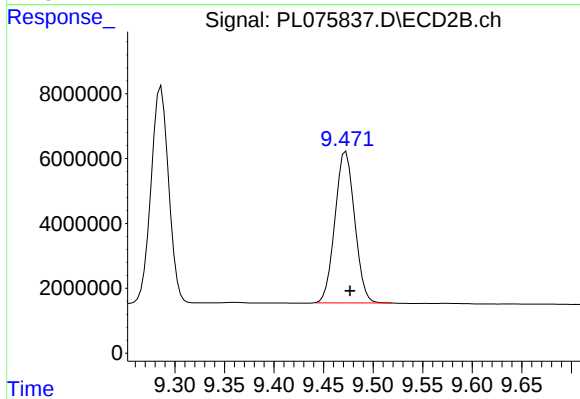
#21 Endrin ketone

R.T.: 9.286 min  
Delta R.T.: -0.004 min  
Response: 82717196  
Conc: 51.24 ng/ml



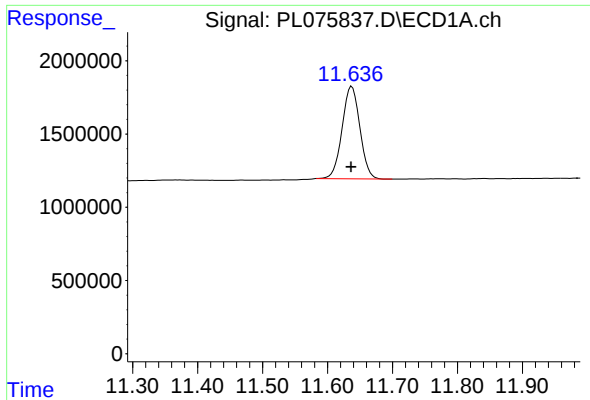
#22 Mirex

R.T.: 10.643 min  
Delta R.T.: 0.001 min  
Response: 28382825  
Conc: 50.43 ng/ml



#22 Mirex

R.T.: 9.473 min  
Delta R.T.: -0.004 min  
Response: 64369256  
Conc: 50.13 ng/ml



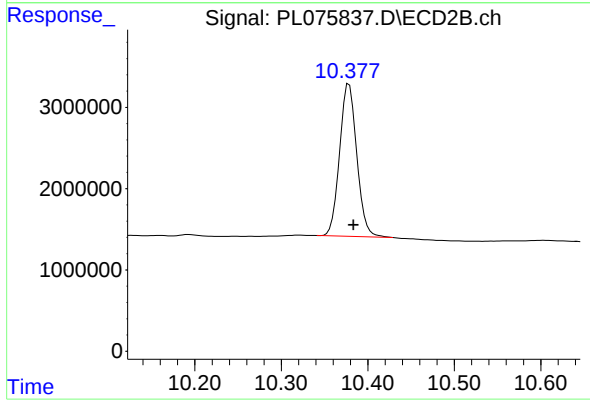
#28 Decachlorobiphenyl

R.T.: 11.637 min  
Delta R.T.: 0.001 min  
Response: 12009718  
Conc: 19.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SO-20220609MS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 10.378 min  
Delta R.T.: -0.005 min  
Response: 25713870  
Conc: 18.25 ng/ml