

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071323\  
 Data File : PL083892.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jul 2023 18:31  
 Operator : AR\AJ  
 Sample : 03580-02MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SAMPLE-1MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/14/2023  
 Supervised By :Ankita Jodhani 07/14/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 14 00:14:16 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... | 3.475  | 2.688 | 25766354 | 15876637 | 12.884   | 14.296    |
| 2)                          | SA Decachlor... | 8.992f | 7.863 | 47032919 | 24327862 | 36.133   | 21.895m#  |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.932  | 3.193 | 113.2E6  | 71378197 | 38.650   | 44.393    |
| 3)                          | MA gamma-BHC... | 4.265  | 3.525 | 124.8E6  | 164.0E6  | 44.187m  | 107.862 # |
| 4)                          | MA Heptachlor   | 4.859  | 3.865 | 137.4E6  | 70423163 | 50.555   | 59.758    |
| 5)                          | MB Aldrin       | 5.201  | 4.146 | 125.5E6  | 64159493 | 43.801   | 42.551    |
| 6)                          | B beta-BHC      | 4.466  | 3.826 | 45785743 | 34239067 | 38.160   | 51.873 #  |
| 7)                          | B delta-BHC     | 4.712  | 4.054 | 116.2E6  | 92036387 | 43.589   | 60.845 #  |
| 8)                          | B Heptachlo...  | 5.631  | 4.652 | 96752869 | 55061656 | 36.243   | 42.877    |
| 9)                          | A Endosulfan I  | 6.016  | 5.025 | 92268832 | 36280989 | 38.962m  | 29.580m   |
| 10)                         | B gamma-Chl...  | 5.886  | 4.906 | 88688679 | 55605704 | 34.350m  | 41.741    |
| 11)                         | B alpha-Chl...  | 5.968  | 4.971 | 103.9E6  | 56792737 | 40.861   | 42.158    |
| 12)                         | B 4,4'-DDE      | 6.147  | 5.168 | 65934023 | 57969421 | 32.770   | 47.193 #  |
| 13)                         | MA Dieldrin     | 6.296  | 5.294 | 93051321 | 161.8E6  | 38.940   | 124.266m# |
| 14)                         | MA Endrin       | 6.523  | 5.563 | 85704685 | 85228612 | 45.003m  | 77.534 #  |
| 15)                         | B Endosulfa...  | 6.743  | 5.866 | 74741466 | 79177504 | 39.877   | 68.889 #  |
| 16)                         | A 4,4'-DDD      | 6.659  | 5.726 | 136.5E6  | 53856257 | 92.982m  | 56.139 #  |
| 17)                         | MA 4,4'-DDT     | 6.981  | 5.978 | 105.1E6  | 62770290 | 65.880   | 68.918    |
| 18)                         | B Endrin al...  | 6.874  | 6.046 | 57625555 | 45353719 | 39.332   | 50.453 #  |
| 19)                         | B Endosulfa...  | 7.108  | 6.270 | 66647752 | 55354633 | 38.554m  | 50.367 #  |
| 20)                         | A Methoxychlor  | 7.462  | 6.574 | 39194248 | 209.0E6  | 50.106m  | 436.081 # |
| 21)                         | B Endrin ke...  | 7.594  | 6.773 | 49370543 | 46527866 | 28.172m  | 36.010m#  |
| 22)                         | Mirex           | 8.085f | 6.954 | 147.7E6  | 67579919 | 103.222m | 66.211m#  |
| -----                       |                 |        |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071223\  
Data File : PL083892.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jul 2023 18:31  
Operator : AR\AJ  
Sample : 03580-02MSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

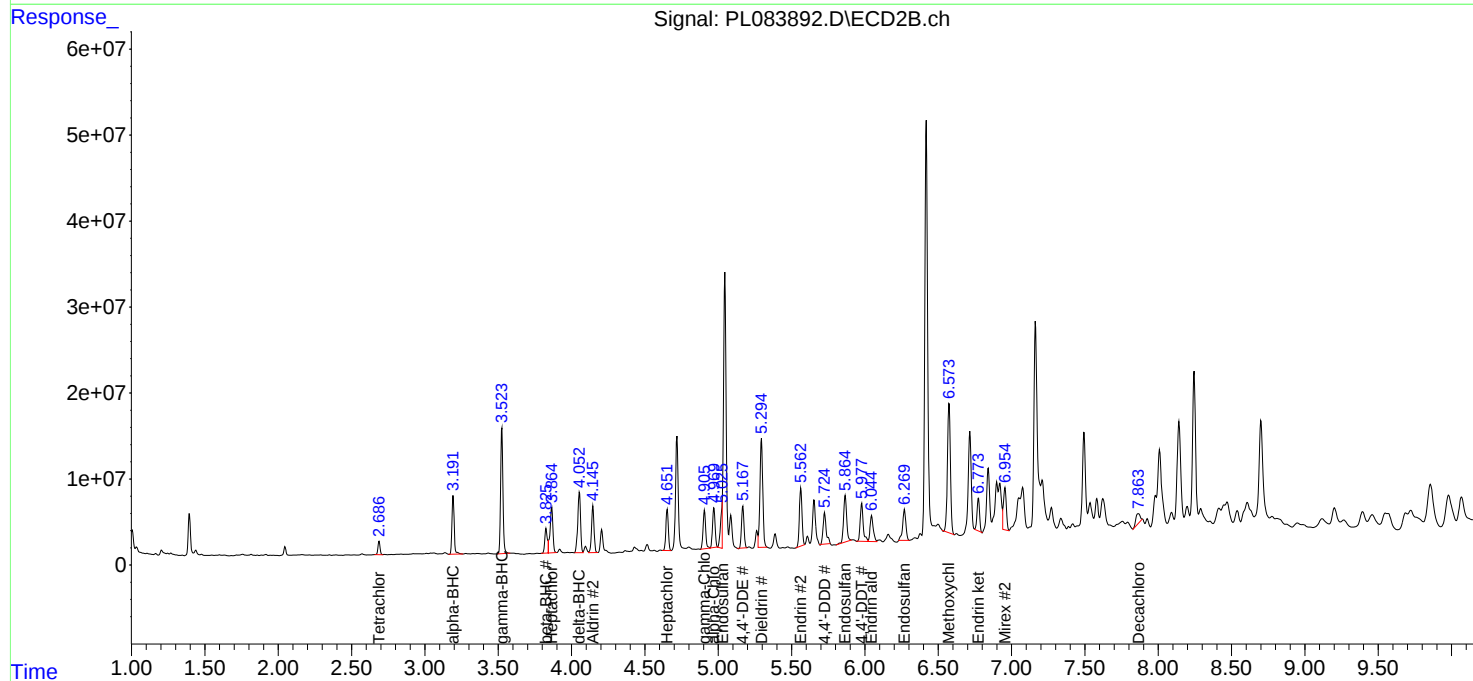
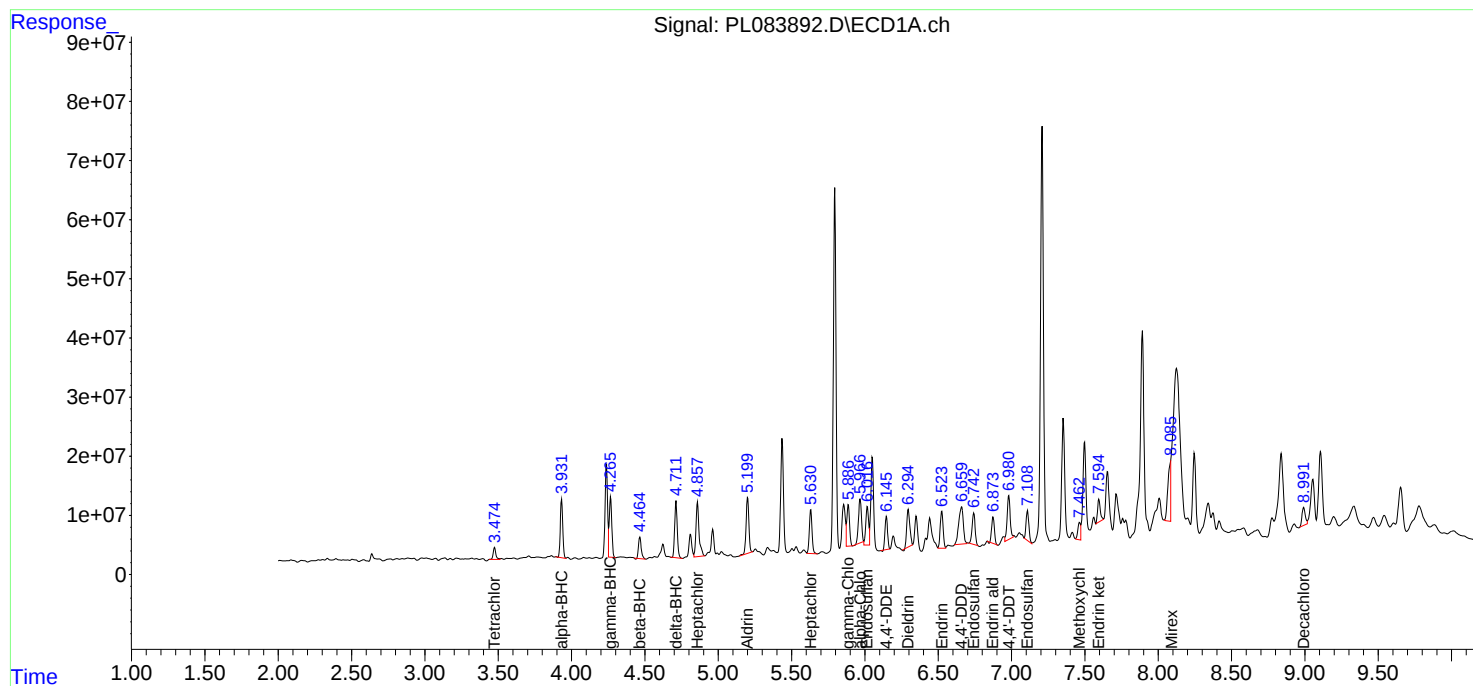
Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

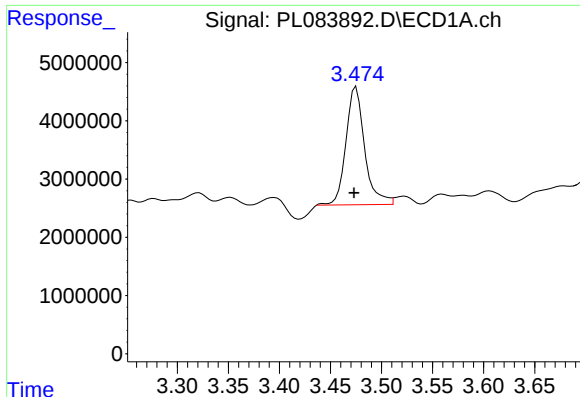
Manual Integrations  
APPROVED

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Supervised By : Ankita Jodhani 07/14/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 14 00:14:16 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





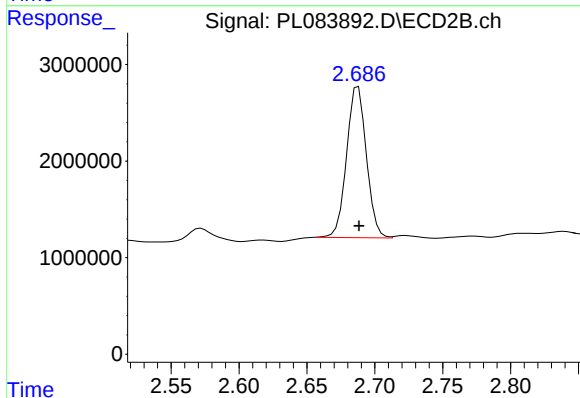
#1 Tetrachloro-m-xylene

R.T.: 3.475 min  
Delta R.T.: 0.002 min  
Response: 25766354  
Conc: 12.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

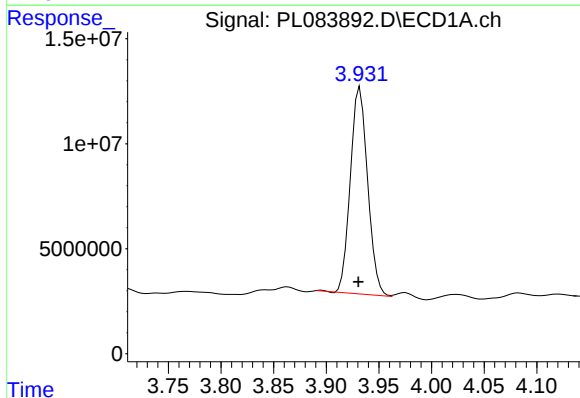
Manual Integrations  
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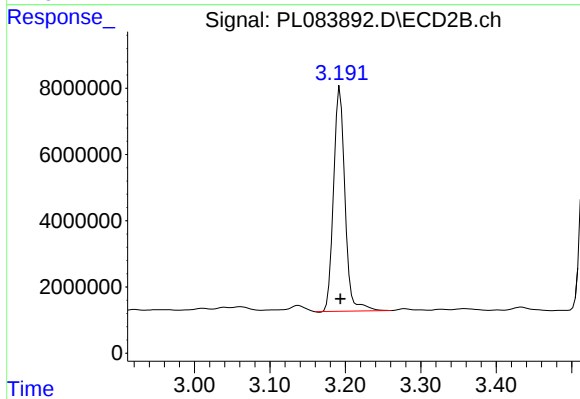
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 15876637  
Conc: 14.30 ng/ml



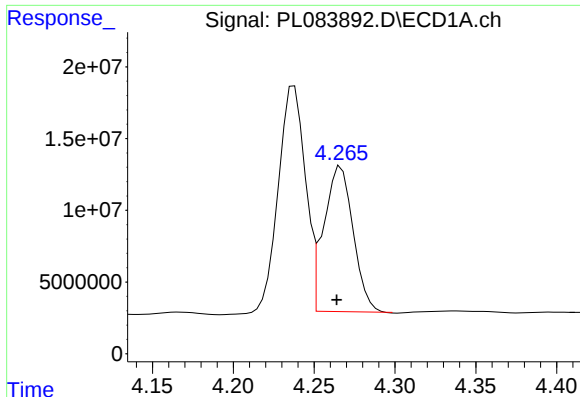
#2 alpha-BHC

R.T.: 3.932 min  
Delta R.T.: 0.002 min  
Response: 113237636  
Conc: 38.65 ng/ml



#2 alpha-BHC

R.T.: 3.193 min  
Delta R.T.: 0.000 min  
Response: 71378197  
Conc: 44.39 ng/ml



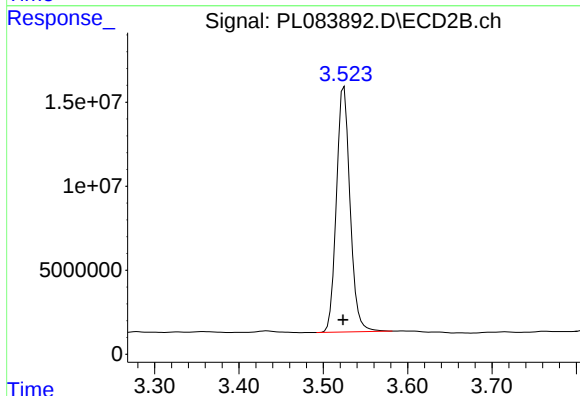
#3 gamma-BHC (Lindane)

R.T.: 4.265 min  
Delta R.T.: 0.001 min  
Response: 124843850  
Conc: 44.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

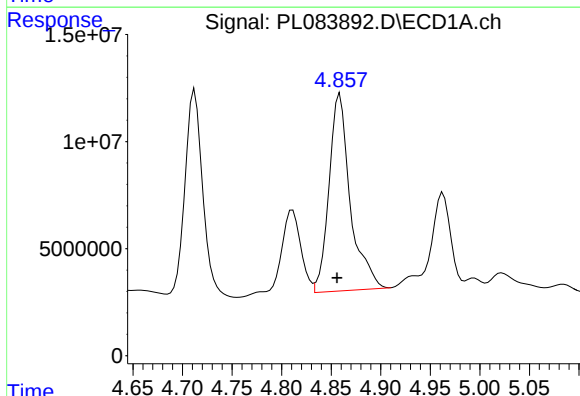
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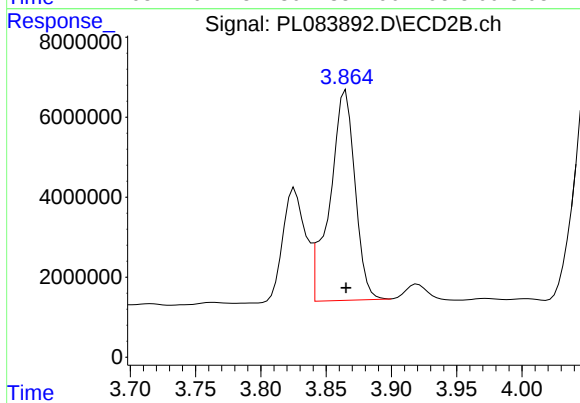
#3 gamma-BHC (Lindane)

R.T.: 3.525 min  
Delta R.T.: 0.001 min  
Response: 164024284  
Conc: 107.86 ng/ml



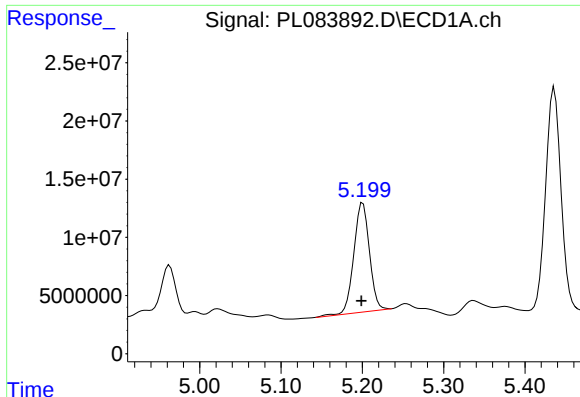
#4 Heptachlor

R.T.: 4.859 min  
Delta R.T.: 0.003 min  
Response: 137386326  
Conc: 50.55 ng/ml



#4 Heptachlor

R.T.: 3.865 min  
Delta R.T.: 0.000 min  
Response: 70423163  
Conc: 59.76 ng/ml



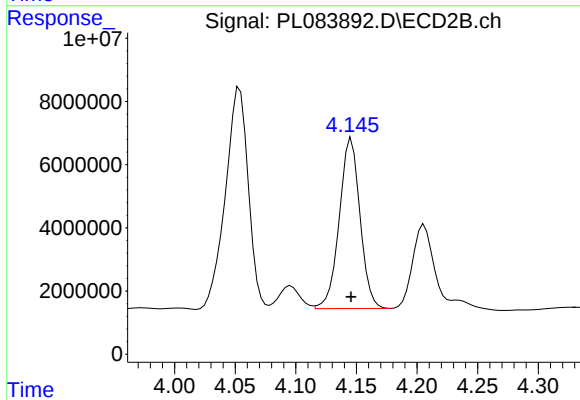
#5 Aldrin

R.T.: 5.201 min  
Delta R.T.: 0.002 min  
Response: 125456284  
Conc: 43.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

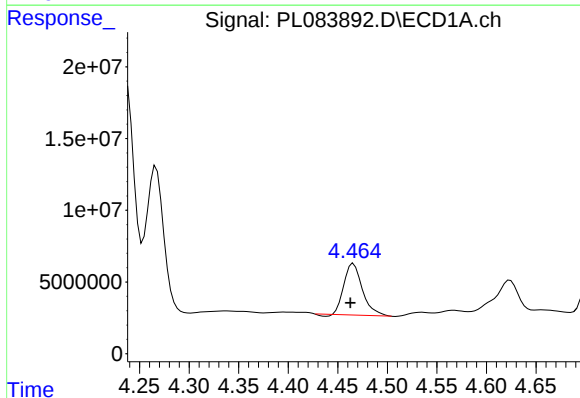
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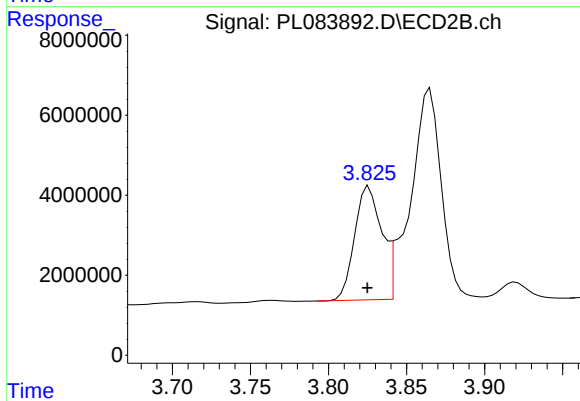
#5 Aldrin

R.T.: 4.146 min  
Delta R.T.: 0.000 min  
Response: 64159493  
Conc: 42.55 ng/ml



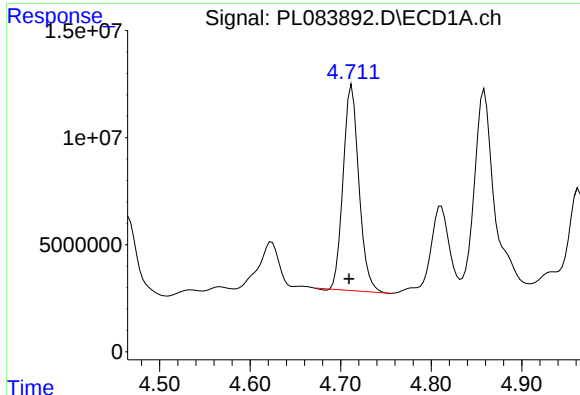
#6 beta-BHC

R.T.: 4.466 min  
Delta R.T.: 0.003 min  
Response: 45785743  
Conc: 38.16 ng/ml



#6 beta-BHC

R.T.: 3.826 min  
Delta R.T.: 0.000 min  
Response: 34239067  
Conc: 51.87 ng/ml



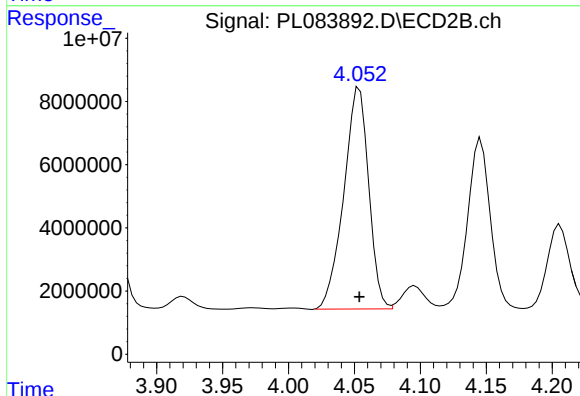
#7 delta-BHC

R.T.: 4.712 min  
Delta R.T.: 0.003 min  
Response: 116200101  
Conc: 43.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

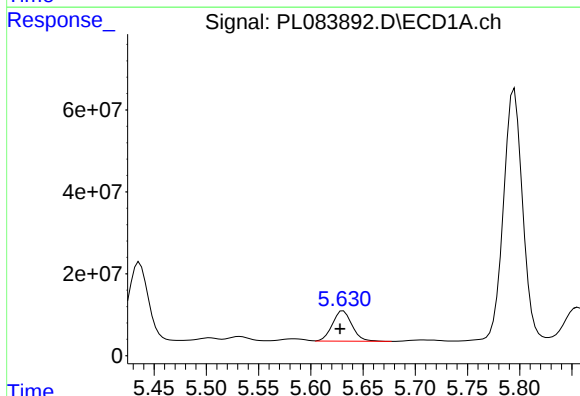
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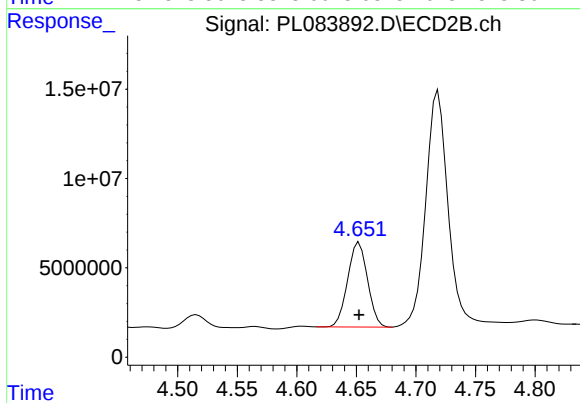
#7 delta-BHC

R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 92036387  
Conc: 60.84 ng/ml



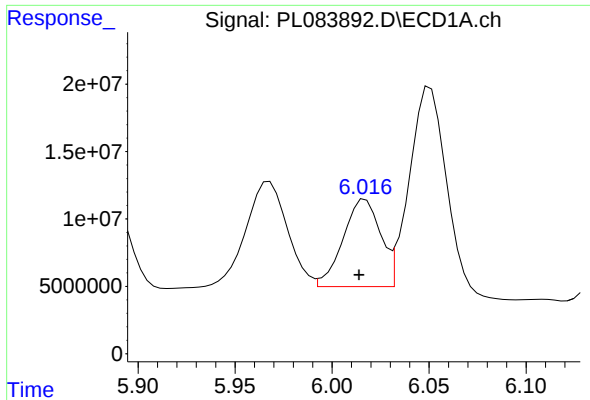
#8 Heptachlor epoxide

R.T.: 5.631 min  
Delta R.T.: 0.003 min  
Response: 96752869  
Conc: 36.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.652 min  
Delta R.T.: 0.000 min  
Response: 55061656  
Conc: 42.88 ng/ml



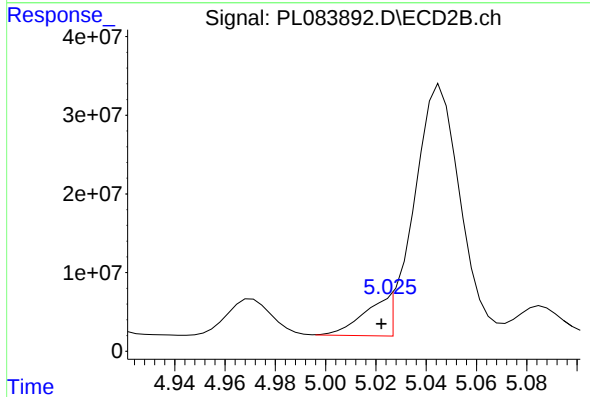
#9 Endosulfan I

R.T.: 6.016 min  
Delta R.T.: 0.002 min  
Response: 92268832  
Conc: 38.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

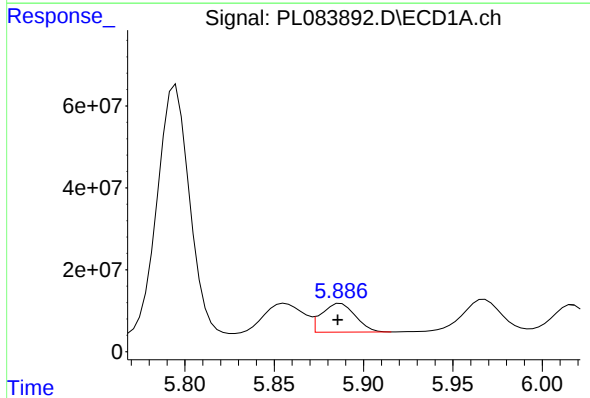
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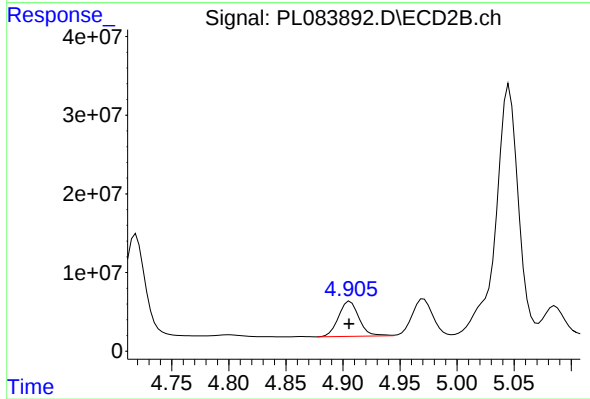
#9 Endosulfan I

R.T.: 5.025 min  
Delta R.T.: 0.002 min  
Response: 36280989  
Conc: 29.58 ng/ml m



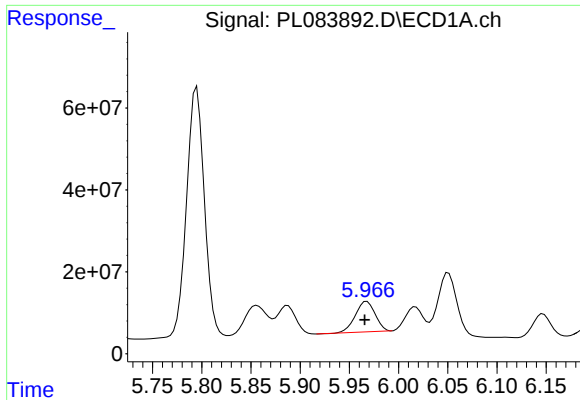
#10 gamma-Chlordane

R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 88688679  
Conc: 34.35 ng/ml m



#10 gamma-Chlordane

R.T.: 4.906 min  
Delta R.T.: 0.000 min  
Response: 55605704  
Conc: 41.74 ng/ml



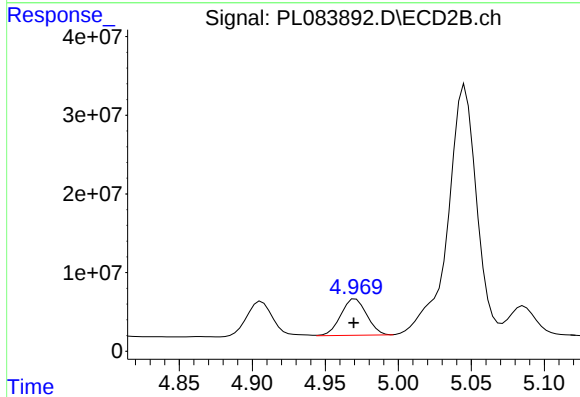
#11 alpha-Chlordane

R.T.: 5.968 min  
Delta R.T.: 0.002 min  
Response: 103871035  
Conc: 40.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

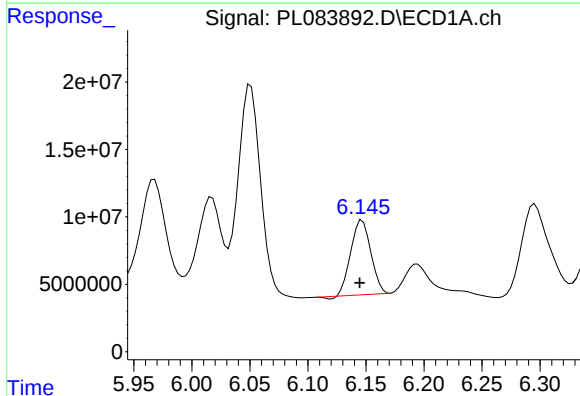
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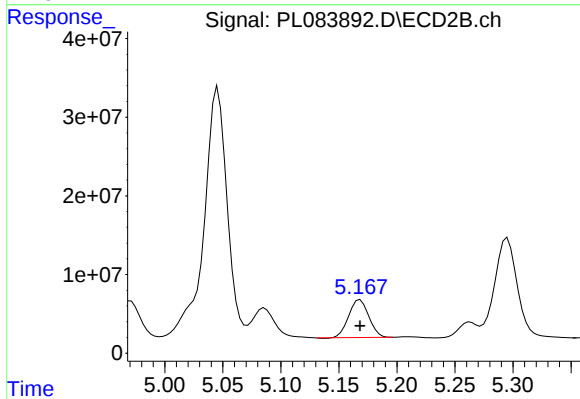
#11 alpha-Chlordane

R.T.: 4.971 min  
Delta R.T.: 0.001 min  
Response: 56792737  
Conc: 42.16 ng/ml



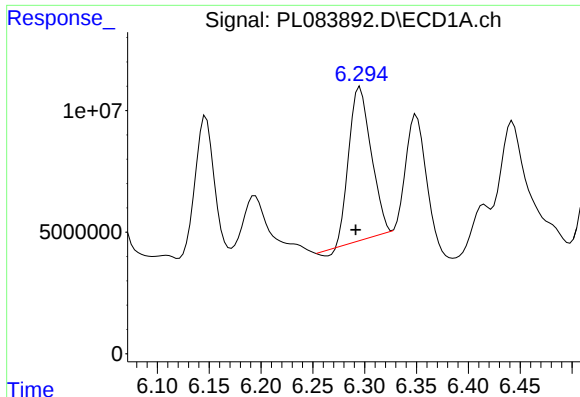
#12 4,4'-DDE

R.T.: 6.147 min  
Delta R.T.: 0.002 min  
Response: 65934023  
Conc: 32.77 ng/ml



#12 4,4'-DDE

R.T.: 5.168 min  
Delta R.T.: 0.000 min  
Response: 57969421  
Conc: 47.19 ng/ml



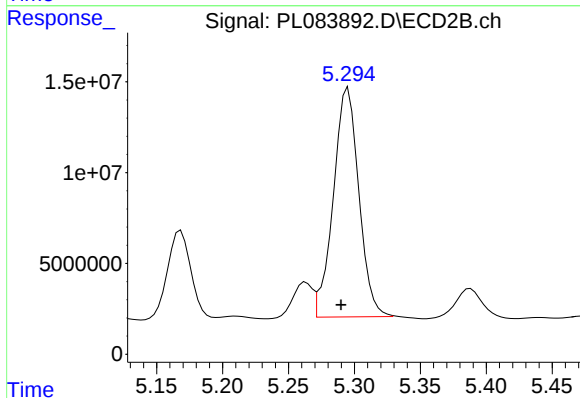
#13 Dieldrin

R.T.: 6.296 min  
Delta R.T.: 0.004 min  
Response: 93051321  
Conc: 38.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

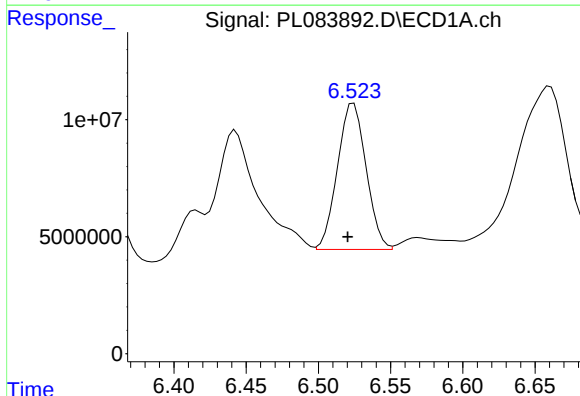
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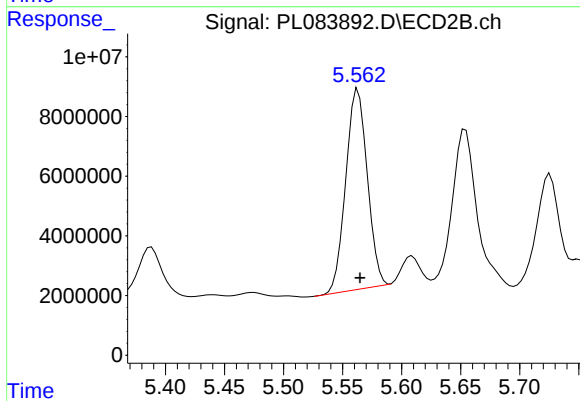
#13 Dieldrin

R.T.: 5.294 min  
Delta R.T.: 0.004 min  
Response: 161837227  
Conc: 124.27 ng/ml m



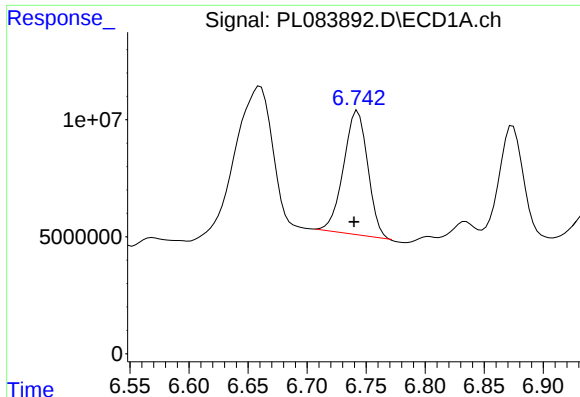
#14 Endrin

R.T.: 6.523 min  
Delta R.T.: 0.003 min  
Response: 85704685  
Conc: 45.00 ng/ml m



#14 Endrin

R.T.: 5.563 min  
Delta R.T.: -0.002 min  
Response: 85228612  
Conc: 77.53 ng/ml



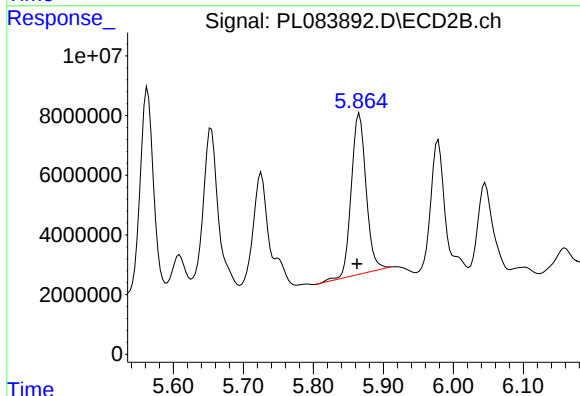
#15 Endosulfan II

R.T.: 6.743 min  
Delta R.T.: 0.003 min  
Response: 74741466  
Conc: 39.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

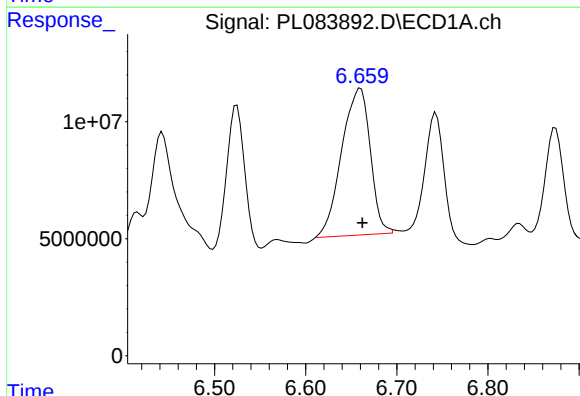
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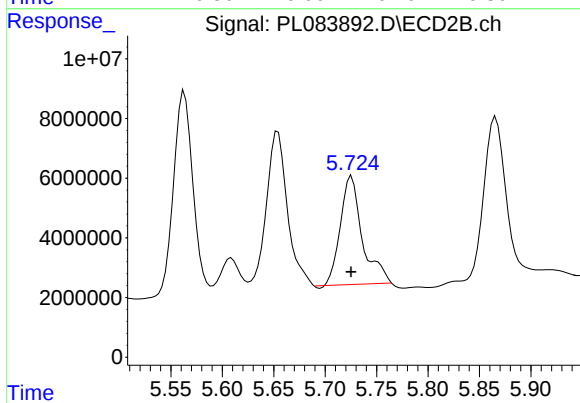
#15 Endosulfan II

R.T.: 5.866 min  
Delta R.T.: 0.003 min  
Response: 79177504  
Conc: 68.89 ng/ml



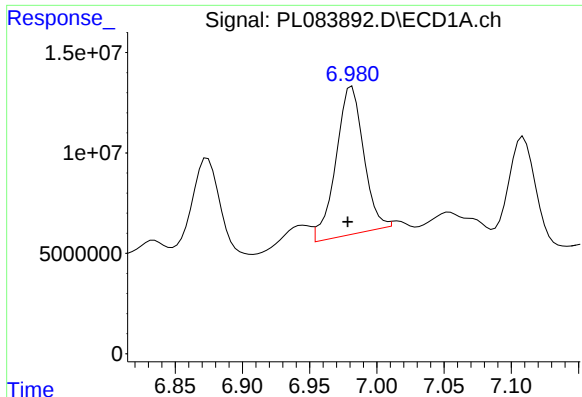
#16 4,4'-DDD

R.T.: 6.659 min  
Delta R.T.: -0.003 min  
Response: 136546607  
Conc: 92.98 ng/ml m



#16 4,4'-DDD

R.T.: 5.726 min  
Delta R.T.: 0.000 min  
Response: 53856257  
Conc: 56.14 ng/ml



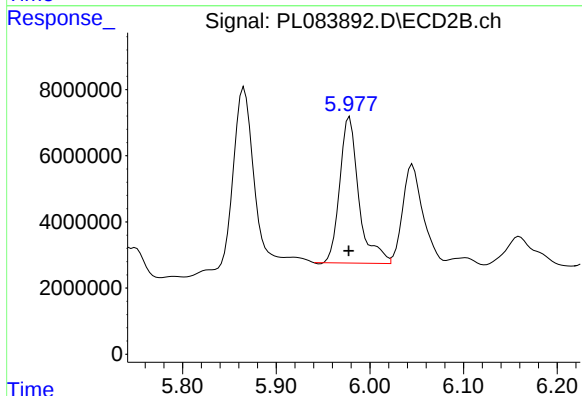
#17 4,4'-DDT

R.T.: 6.981 min  
Delta R.T.: 0.003 min  
Response: 105064456  
Conc: 65.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

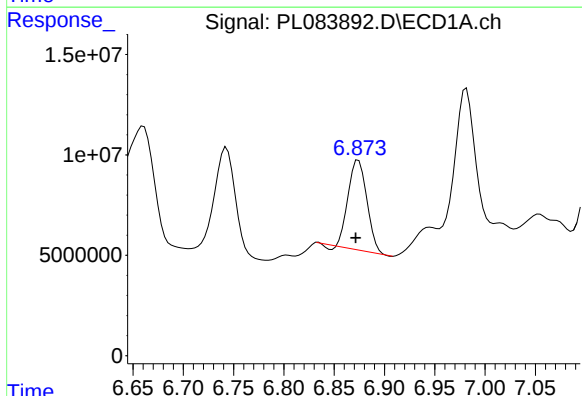
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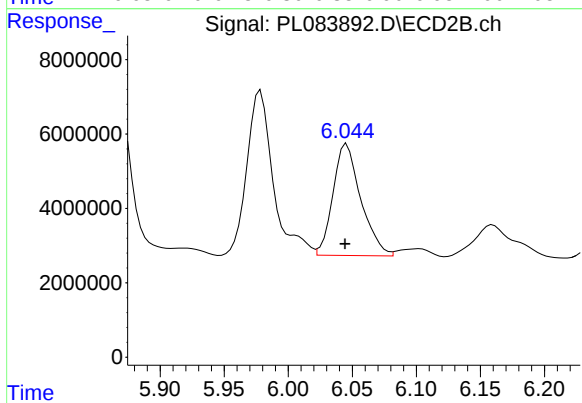
#17 4,4'-DDT

R.T.: 5.978 min  
Delta R.T.: 0.001 min  
Response: 62770290  
Conc: 68.92 ng/ml



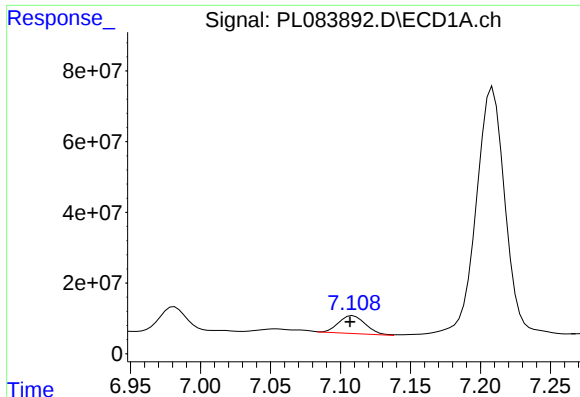
#18 Endrin aldehyde

R.T.: 6.874 min  
Delta R.T.: 0.003 min  
Response: 57625555  
Conc: 39.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.046 min  
Delta R.T.: 0.001 min  
Response: 45353719  
Conc: 50.45 ng/ml



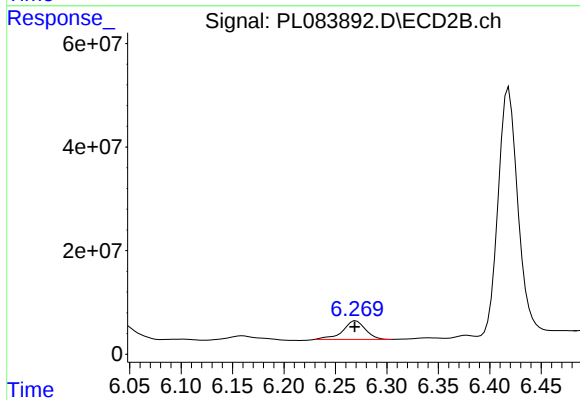
#19 Endosulfan Sulfate

R.T.: 7.108 min  
Delta R.T.: 0.001 min  
Response: 66647752  
Conc: 38.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

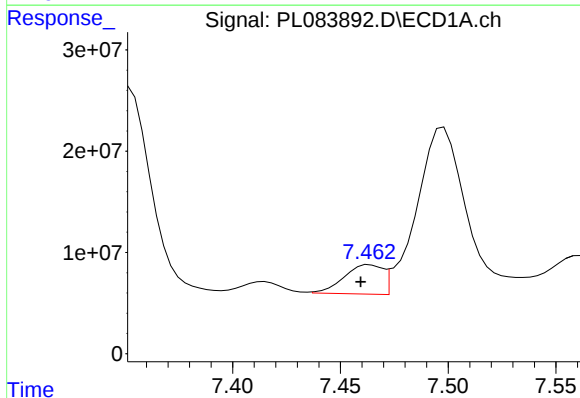
Manual Integrations  
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Reviewed By :Abdul Mirza 07/14/2023  
Supervised By :Ankita Jodhani 07/14/2023



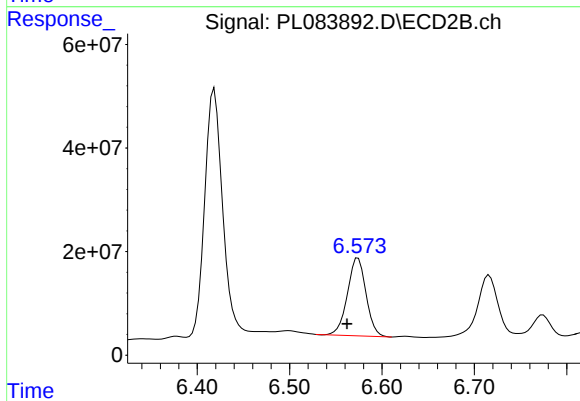
#19 Endosulfan Sulfate

R.T.: 6.270 min  
Delta R.T.: 0.001 min  
Response: 55354633  
Conc: 50.37 ng/ml



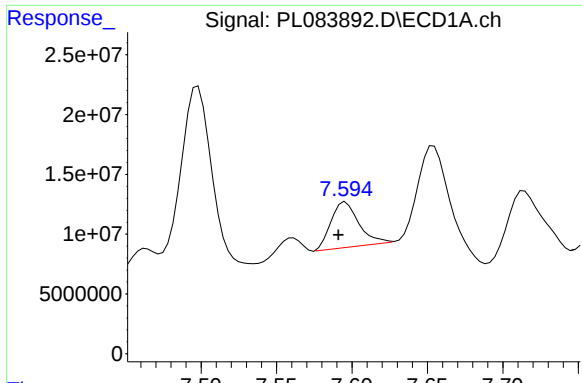
#20 Methoxychlor

R.T.: 7.462 min  
Delta R.T.: 0.003 min  
Response: 39194248  
Conc: 50.11 ng/ml m



#20 Methoxychlor

R.T.: 6.574 min  
Delta R.T.: 0.012 min  
Response: 208987862  
Conc: 436.08 ng/ml



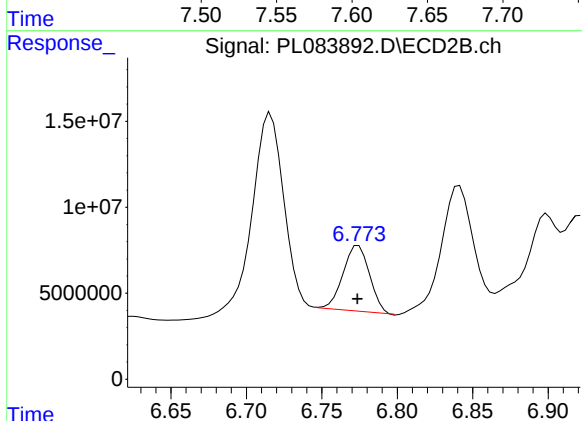
#21 Endrin ketone

R.T.: 7.594 min  
Delta R.T.: 0.003 min  
Response: 49370543  
Conc: 28.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

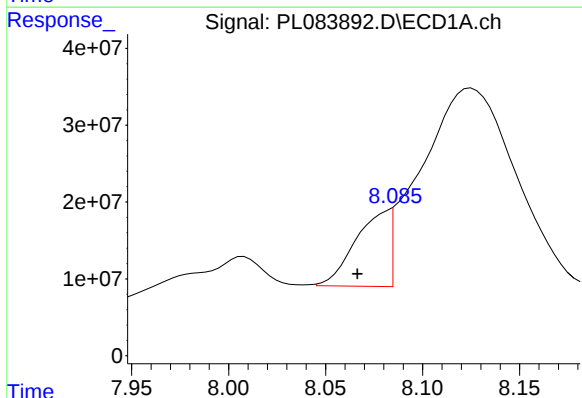
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/14/2023  
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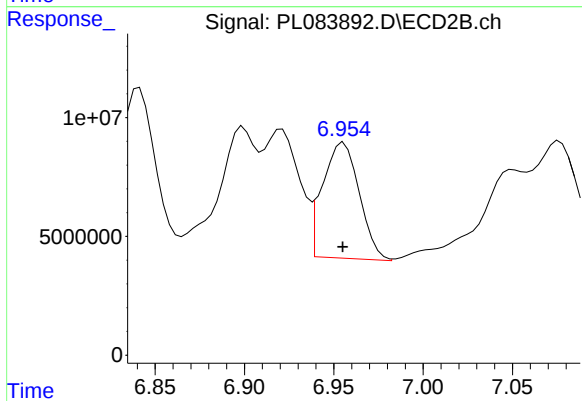
#21 Endrin ketone

R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 46527866  
Conc: 36.01 ng/ml m



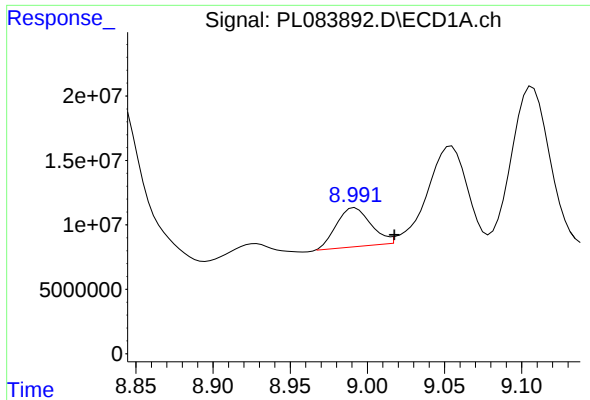
#22 Mirex

R.T.: 8.085 min  
Delta R.T.: 0.018 min  
Response: 147704999  
Conc: 103.22 ng/ml m



#22 Mirex

R.T.: 6.954 min  
Delta R.T.: 0.000 min  
Response: 67579919  
Conc: 66.21 ng/ml m



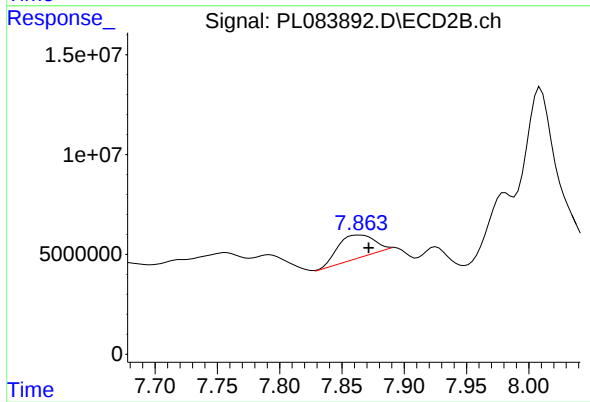
#28 Decachlorobiphenyl

R.T.: 8.992 min  
Delta R.T.: -0.025 min  
Response: 47032919  
Conc: 36.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SAMPLE-1MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.863 min  
Delta R.T.: -0.008 min  
Response: 24327862  
Conc: 21.89 ng/ml m