

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010224\  
 Data File : PL087602.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jan 2024 15:56  
 Operator : AR\AJ  
 Sample : 06041-01MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BU-02-12282023MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/03/2024  
 Supervised By :Ankita Jodhani 01/03/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 02 20:36:42 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:17:47 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... | 3.421 | 2.675 | 52288120 | 21328681 | 17.466  | 17.607   |
| 28)                         | SA Decachlor... | 8.982 | 7.865 | 35109251 | 16698452 | 12.328  | 13.181   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.877 | 3.179 | 200.0E6  | 80784062 | 44.579  | 43.831   |
| 3)                          | MA gamma-BHC... | 4.211 | 3.510 | 184.0E6  | 79310540 | 42.180  | 43.643   |
| 4)                          | MA Heptachlor   | 4.804 | 3.851 | 202.7E6  | 79993999 | 46.131  | 44.915   |
| 5)                          | MB Aldrin       | 5.146 | 4.132 | 210.5E6  | 80376752 | 49.112  | 45.542   |
| 6)                          | B beta-BHC      | 4.411 | 3.811 | 84674910 | 34766554 | 45.512  | 45.456   |
| 7)                          | B delta-BHC     | 4.657 | 4.040 | 155.3E6  | 63236159 | 36.900  | 36.428   |
| 8)                          | B Heptachlo...  | 5.577 | 4.640 | 206.7E6  | 85262916 | 53.943  | 53.497   |
| 9)                          | A Endosulfan I  | 5.964 | 5.010 | 161.5E6  | 69741832 | 44.785  | 45.083   |
| 10)                         | B gamma-Chl...  | 5.836 | 4.893 | 351.3E6  | 131.9E6  | 90.864  | 81.705   |
| 11)                         | B alpha-Chl...  | 5.918 | 4.957 | 509.3E6  | 185.8E6  | 132.542 | 111.932  |
| 12)                         | B 4,4'-DDE      | 6.098 | 5.156 | 181.8E6  | 84201804 | 56.860  | 62.598   |
| 13)                         | MA Dieldrin     | 6.242 | 5.278 | 164.6E6  | 71571103 | 44.177  | 45.038   |
| 14)                         | MA Endrin       | 6.472 | 5.554 | 130.0E6  | 67058357 | 41.395  | 47.291   |
| 15)                         | B Endosulfa...  | 6.694 | 5.852 | 143.7E6  | 84291652 | 44.800  | 61.573 # |
| 16)                         | A 4,4'-DDD      | 6.617 | 5.714 | 126.1E6  | 52522518 | 48.904m | 46.581   |
| 17)                         | MA 4,4'-DDT     | 6.935 | 5.966 | 150.9E6  | 69237732 | 52.773  | 55.631   |
| 18)                         | B Endrin al...  | 6.824 | 6.033 | 107.9E6  | 49295384 | 42.899m | 42.415   |
| 19)                         | B Endosulfa...  | 7.062 | 6.258 | 125.8E6  | 53692543 | 41.134  | 40.903   |
| 20)                         | A Methoxychlor  | 7.420 | 6.553 | 71618005 | 33380526 | 44.111  | 45.349   |
| 21)                         | B Endrin ke...  | 7.548 | 6.764 | 141.5E6  | 63743310 | 43.490  | 41.579   |
| 22)                         | Mirex           | 8.026 | 6.946 | 115.0E6  | 52940040 | 41.021  | 39.467   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010224\  
Data File : PL087602.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Jan 2024 15:56  
Operator : AR\AJ  
Sample : 06041-01MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

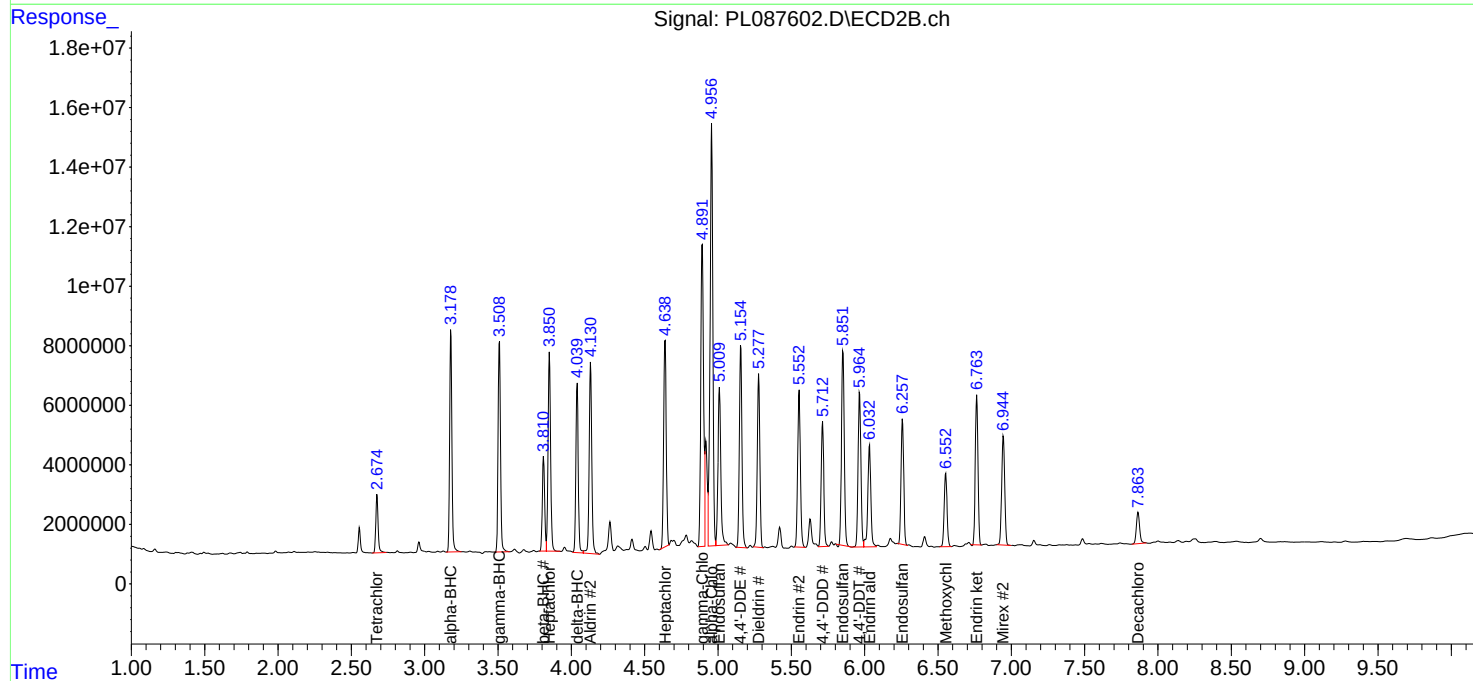
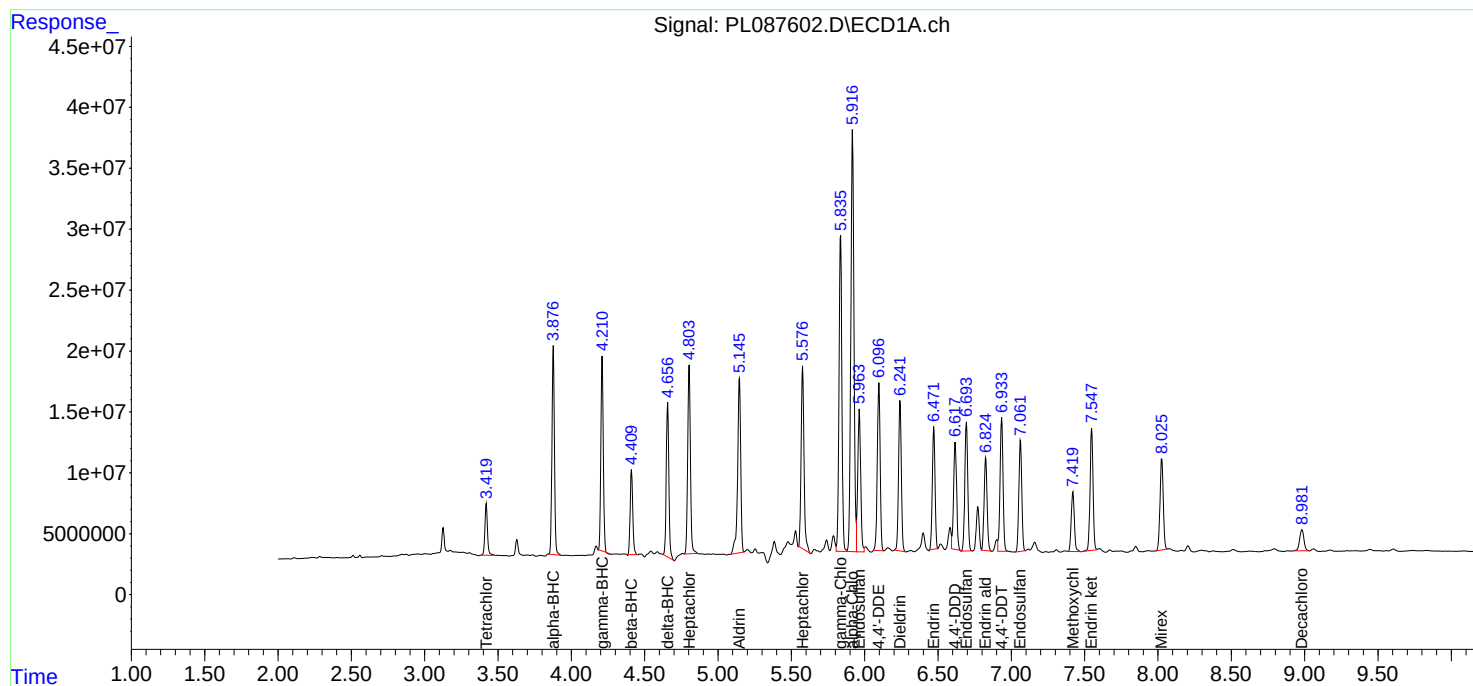
Instrument :  
ECD\_L  
ClientSampleId :  
BU-02-12282023MSD

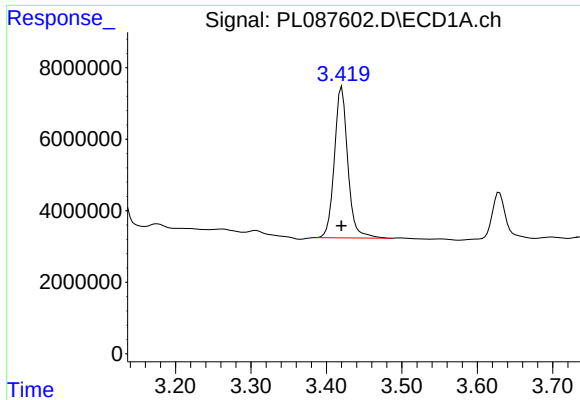
Manual Integrations  
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Reviewed By : Abdul Mirza 01/03/2024  
Supervised By : Ankita Jodhani 01/03/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 02 20:36:42 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 29 03:17:47 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





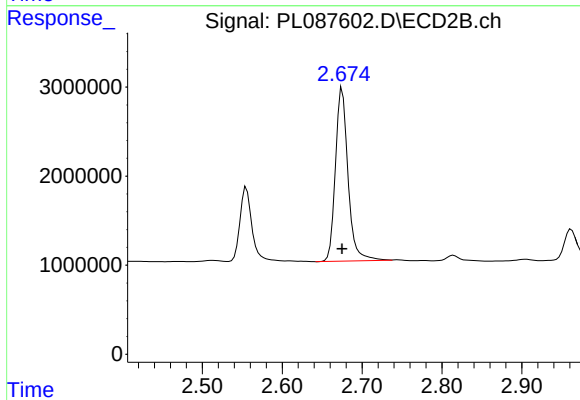
#1 Tetrachloro-m-xylene

R.T.: 3.421 min  
Delta R.T.: 0.000 min  
Response: 52288120  
Conc: 17.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-02-12282023MSD

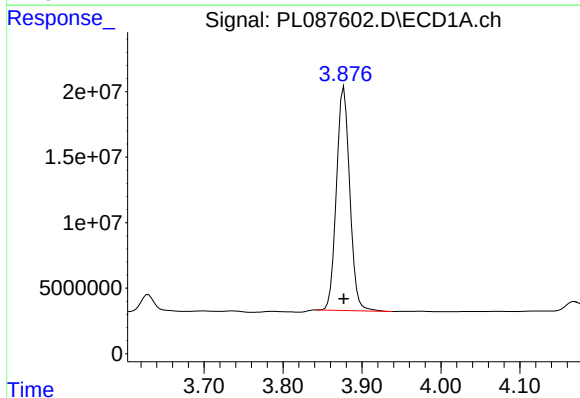
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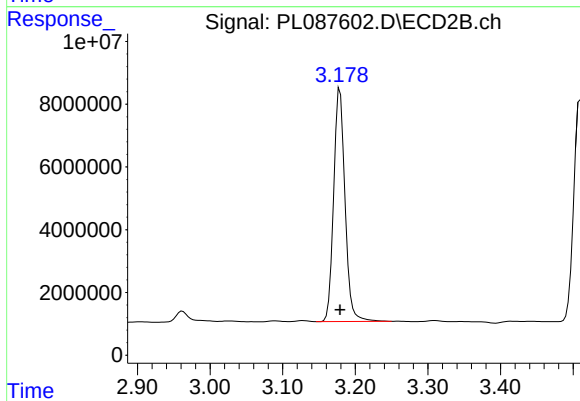
#1 Tetrachloro-m-xylene

R.T.: 2.675 min  
Delta R.T.: 0.000 min  
Response: 21328681  
Conc: 17.61 ng/ml



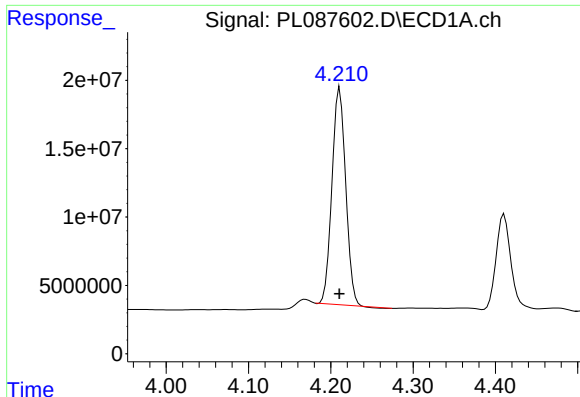
#2 alpha-BHC

R.T.: 3.877 min  
Delta R.T.: 0.000 min  
Response: 200021969  
Conc: 44.58 ng/ml



#2 alpha-BHC

R.T.: 3.179 min  
Delta R.T.: 0.000 min  
Response: 80784062  
Conc: 43.83 ng/ml



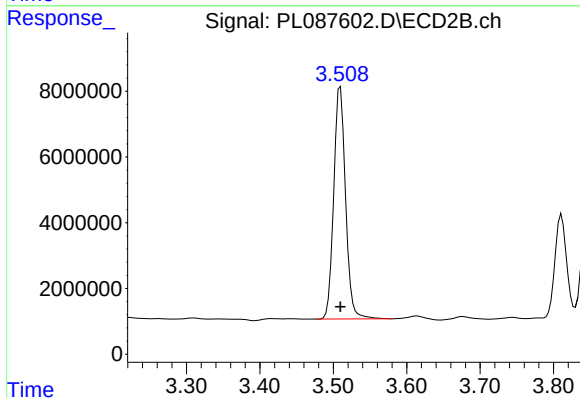
#3 gamma-BHC (Lindane)

R.T.: 4.211 min  
Delta R.T.: 0.000 min  
Response: 183976701  
Conc: 42.18 ng/ml

Instrument :  
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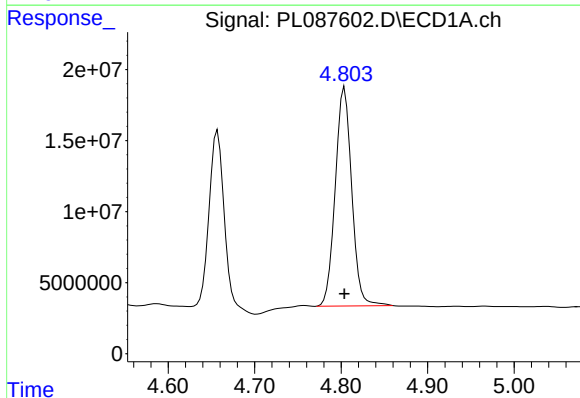
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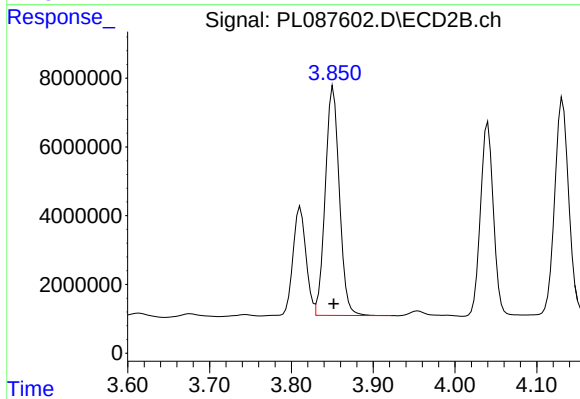
#3 gamma-BHC (Lindane)

R.T.: 3.510 min  
Delta R.T.: 0.000 min  
Response: 79310540  
Conc: 43.64 ng/ml



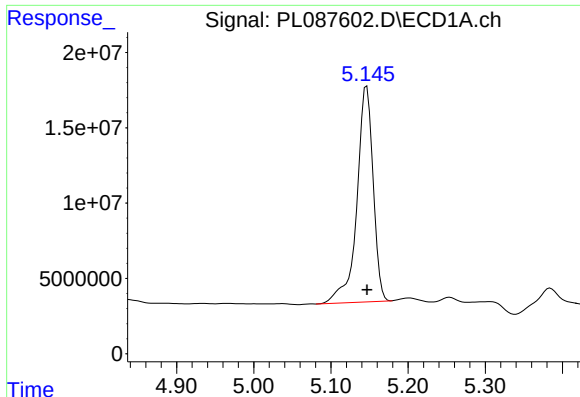
#4 Heptachlor

R.T.: 4.804 min  
Delta R.T.: 0.000 min  
Response: 202704238  
Conc: 46.13 ng/ml



#4 Heptachlor

R.T.: 3.851 min  
Delta R.T.: 0.000 min  
Response: 79993999  
Conc: 44.92 ng/ml



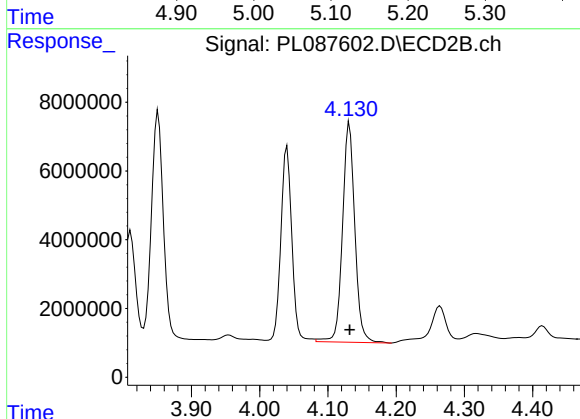
#5 Aldrin

R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 210489835  
Conc: 49.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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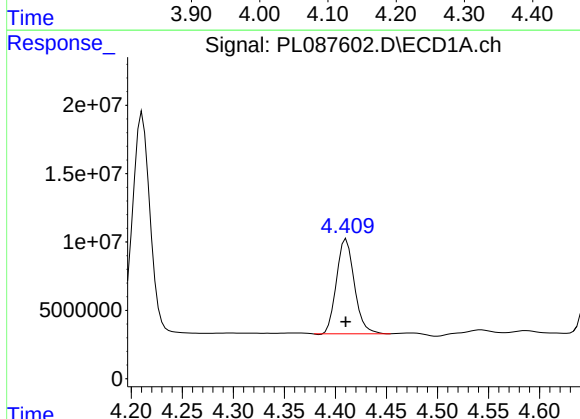
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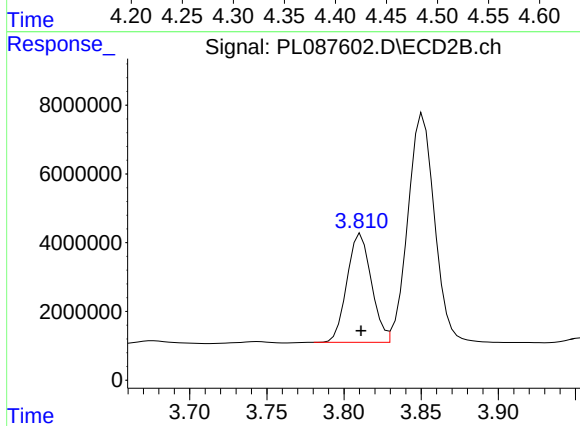
#5 Aldrin

R.T.: 4.132 min  
Delta R.T.: 0.000 min  
Response: 80376752  
Conc: 45.54 ng/ml



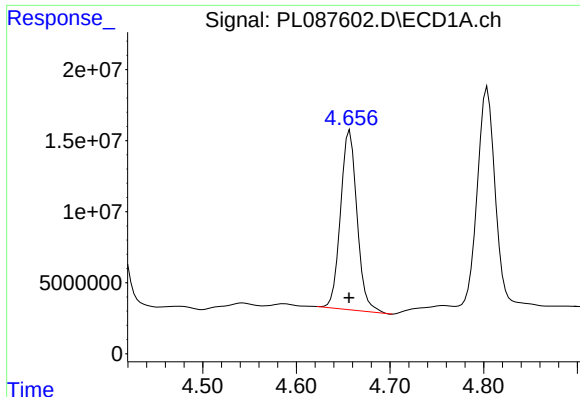
#6 beta-BHC

R.T.: 4.411 min  
Delta R.T.: 0.000 min  
Response: 84674910  
Conc: 45.51 ng/ml



#6 beta-BHC

R.T.: 3.811 min  
Delta R.T.: 0.000 min  
Response: 34766554  
Conc: 45.46 ng/ml



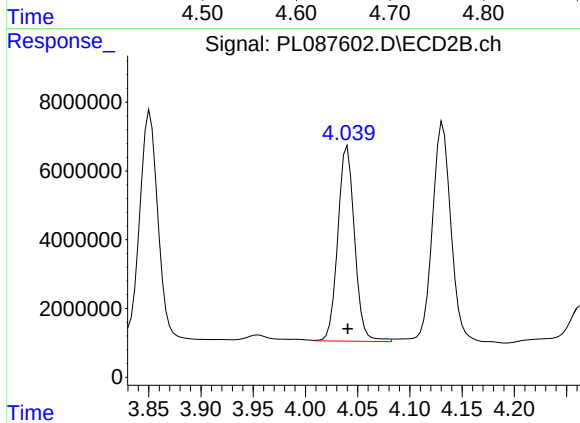
#7 delta-BHC

R.T.: 4.657 min  
Delta R.T.: 0.000 min  
Response: 155271599  
Conc: 36.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-02-12282023MSD

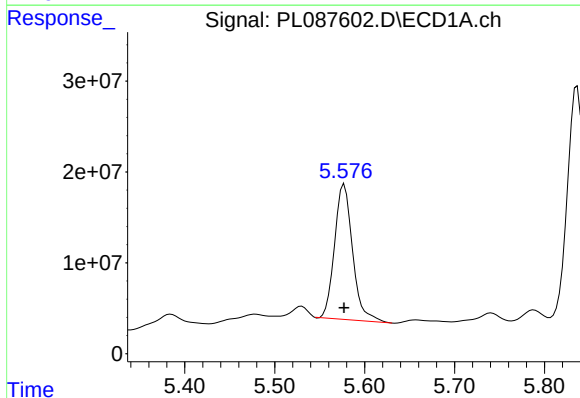
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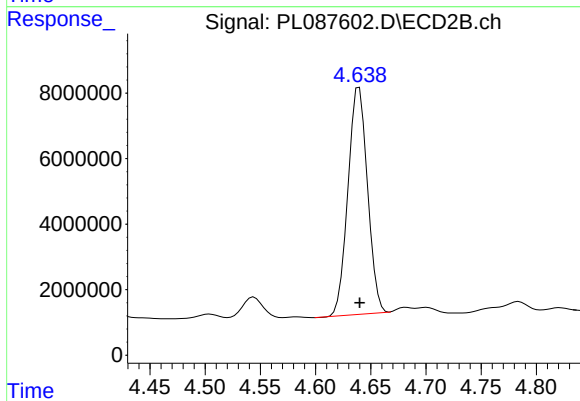
#7 delta-BHC

R.T.: 4.040 min  
Delta R.T.: 0.000 min  
Response: 63236159  
Conc: 36.43 ng/ml



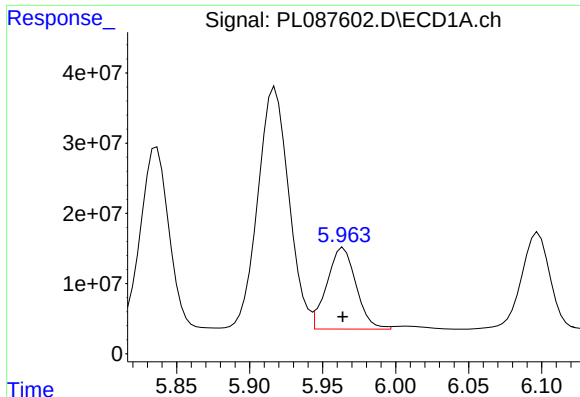
#8 Heptachlor epoxide

R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 206666255  
Conc: 53.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min  
Delta R.T.: 0.000 min  
Response: 85262916  
Conc: 53.50 ng/ml



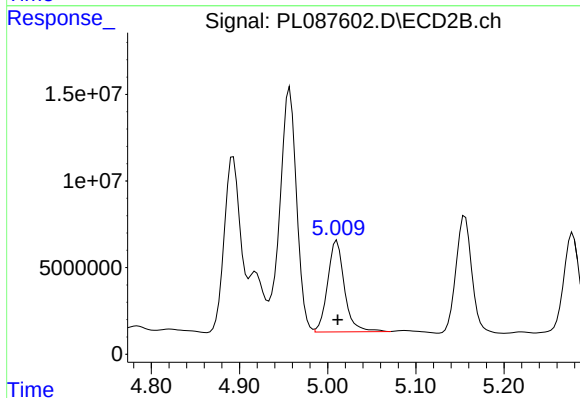
#9 Endosulfan I

R.T.: 5.964 min  
Delta R.T.: 0.000 min  
Response: 161494155  
Conc: 44.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-02-12282023MSD

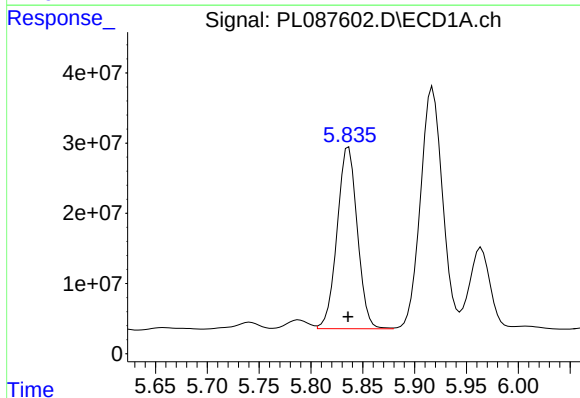
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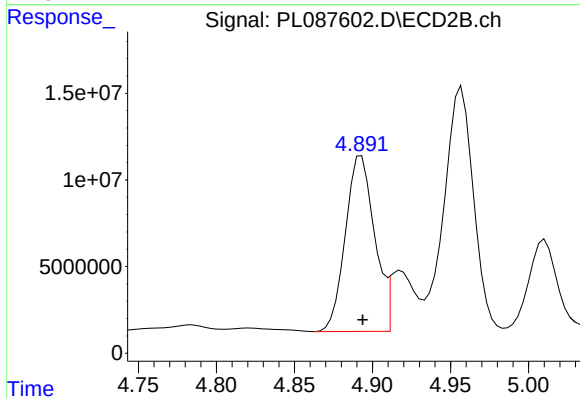
#9 Endosulfan I

R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: 69741832  
Conc: 45.08 ng/ml



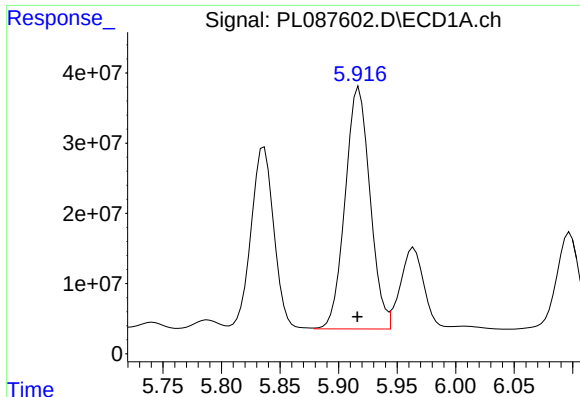
#10 gamma-Chlordane

R.T.: 5.836 min  
Delta R.T.: 0.000 min  
Response: 351253524  
Conc: 90.86 ng/ml



#10 gamma-Chlordane

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 131877518  
Conc: 81.70 ng/ml



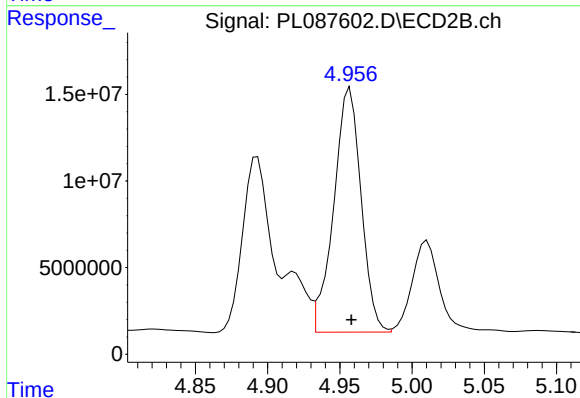
#11 alpha-Chlordane

R.T.: 5.918 min  
Delta R.T.: 0.001 min  
Response: 509317285  
Conc: 132.54 ng/ml

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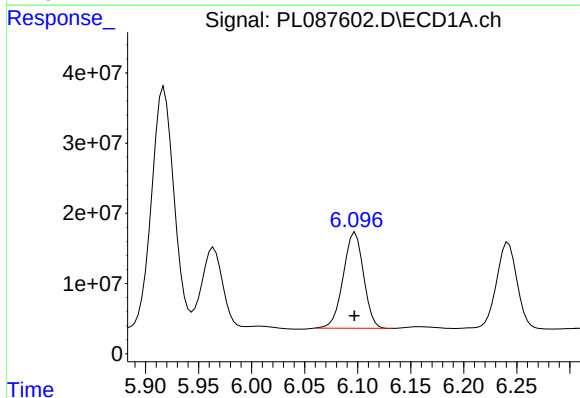
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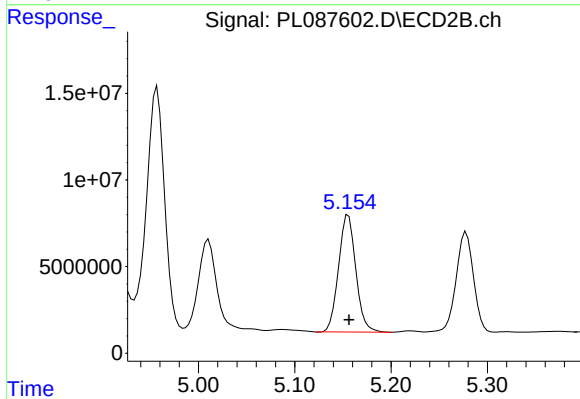
#11 alpha-Chlordane

R.T.: 4.957 min  
Delta R.T.: 0.000 min  
Response: 185764367  
Conc: 111.93 ng/ml



#12 4,4'-DDE

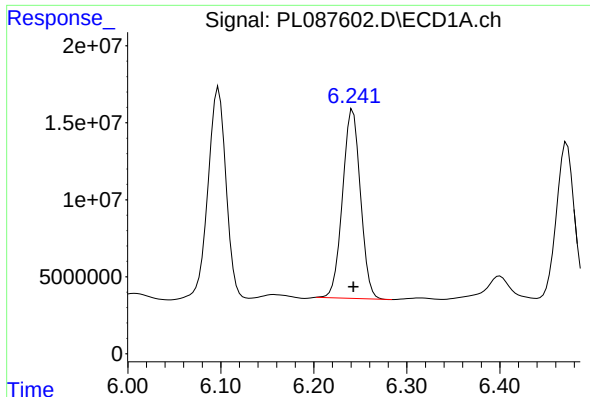
R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 181792076  
Conc: 56.86 ng/ml



#12 4,4'-DDE

R.T.: 5.156 min  
Delta R.T.: 0.000 min  
Response: 84201804  
Conc: 62.60 ng/ml





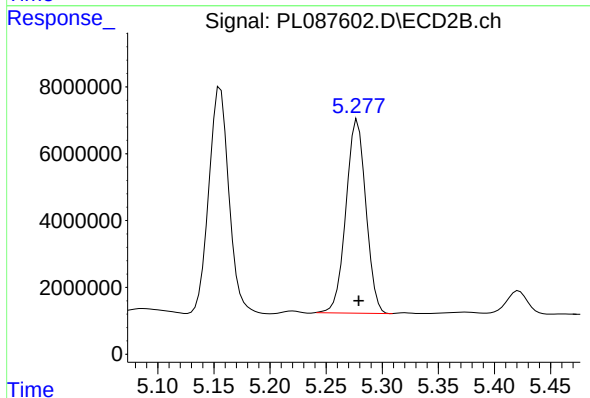
#13 Dieldrin

R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 164555574  
Conc: 44.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-02-12282023MSD

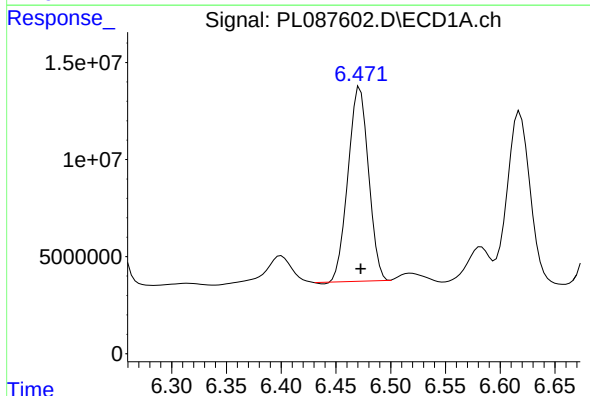
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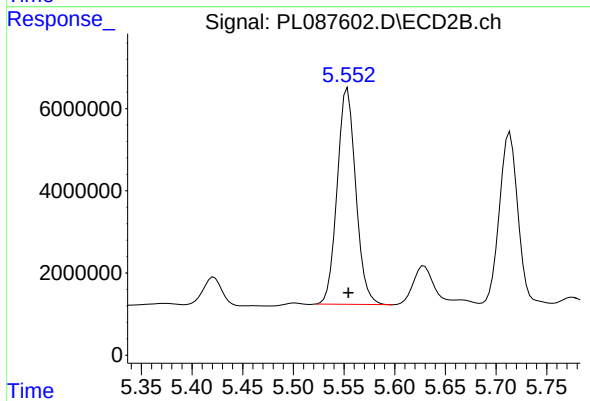
#13 Dieldrin

R.T.: 5.278 min  
Delta R.T.: -0.001 min  
Response: 71571103  
Conc: 45.04 ng/ml



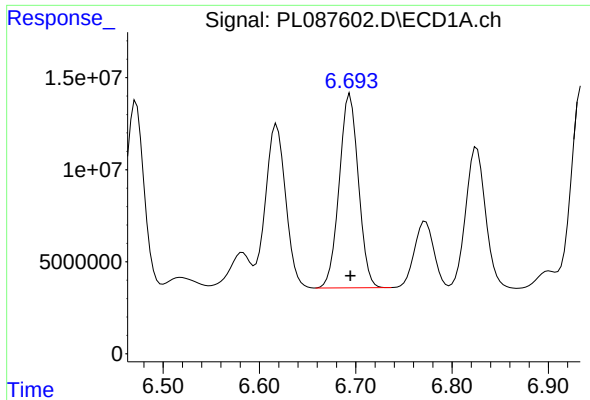
#14 Endrin

R.T.: 6.472 min  
Delta R.T.: 0.000 min  
Response: 130018957  
Conc: 41.40 ng/ml



#14 Endrin

R.T.: 5.554 min  
Delta R.T.: 0.000 min  
Response: 67058357  
Conc: 47.29 ng/ml



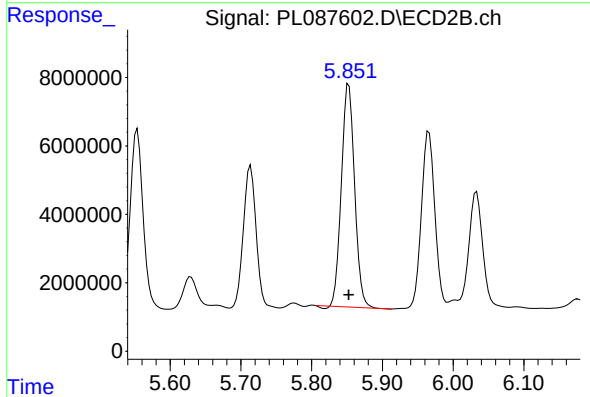
#15 Endosulfan II

R.T.: 6.694 min  
Delta R.T.: 0.000 min  
Response: 143672571  
Conc: 44.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-02-12282023MSD

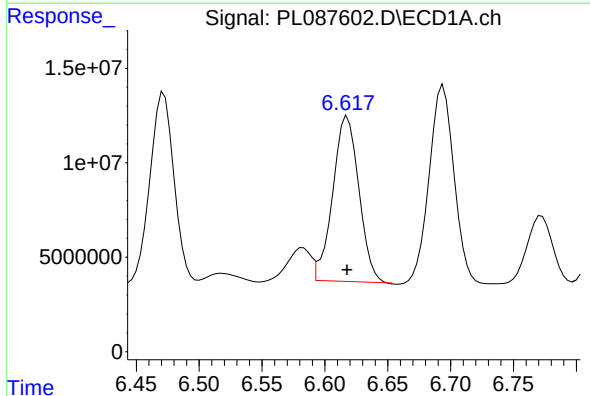
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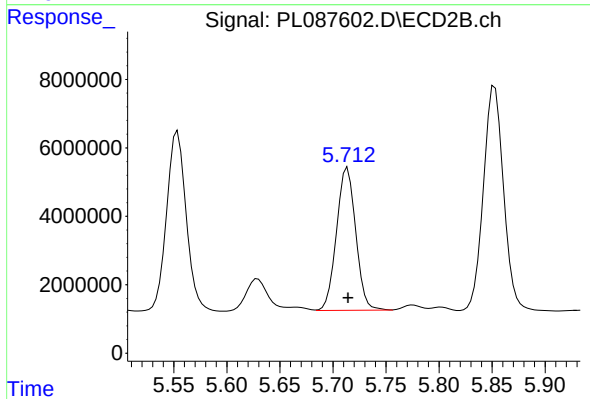
#15 Endosulfan II

R.T.: 5.852 min  
Delta R.T.: 0.000 min  
Response: 84291652  
Conc: 61.57 ng/ml



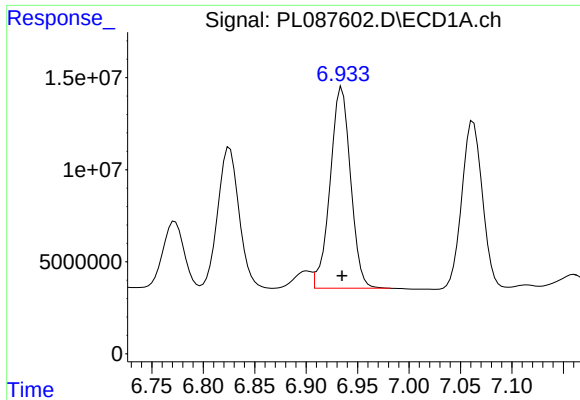
#16 4,4'-DDD

R.T.: 6.617 min  
Delta R.T.: -0.001 min  
Response: 126102459  
Conc: 48.90 ng/ml m



#16 4,4'-DDD

R.T.: 5.714 min  
Delta R.T.: 0.000 min  
Response: 52522518  
Conc: 46.58 ng/ml



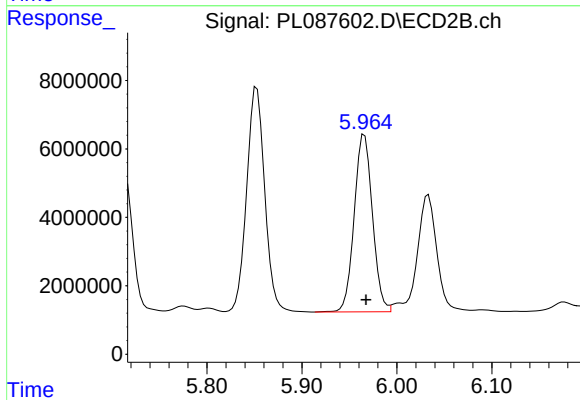
#17 4,4'-DDT

R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 150906747  
Conc: 52.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-02-12282023MSD

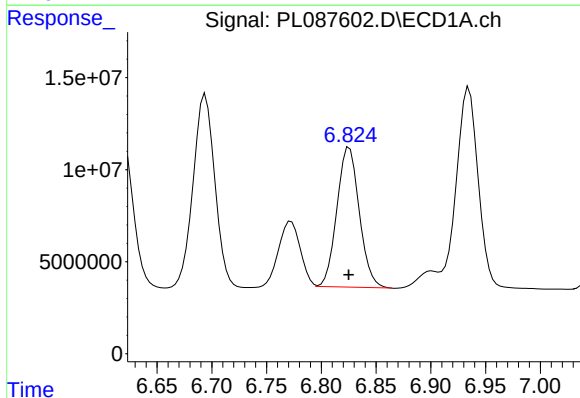
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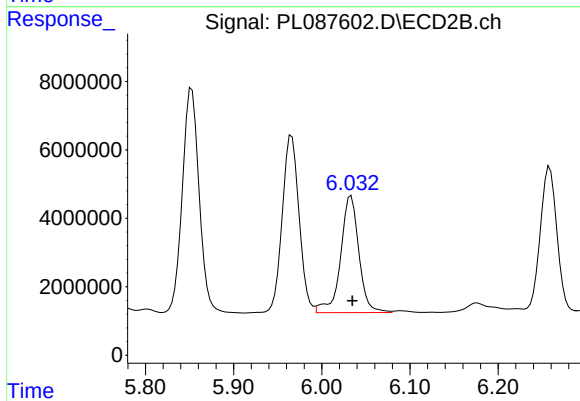
#17 4,4'-DDT

R.T.: 5.966 min  
Delta R.T.: -0.002 min  
Response: 69237732  
Conc: 55.63 ng/ml



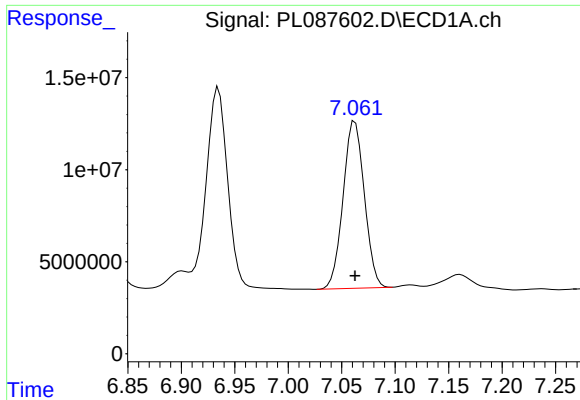
#18 Endrin aldehyde

R.T.: 6.824 min  
Delta R.T.: 0.000 min  
Response: 107904972  
Conc: 42.90 ng/ml m



#18 Endrin aldehyde

R.T.: 6.033 min  
Delta R.T.: -0.001 min  
Response: 49295384  
Conc: 42.42 ng/ml



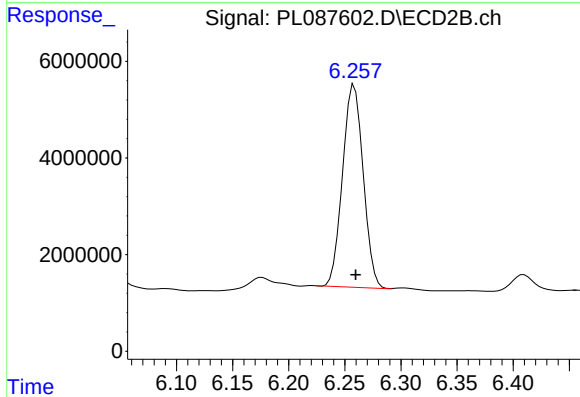
#19 Endosulfan Sulfate

R.T.: 7.062 min  
Delta R.T.: 0.000 min  
Response: 125808114  
Conc: 41.13 ng/ml

Instrument :  
ECD\_L  
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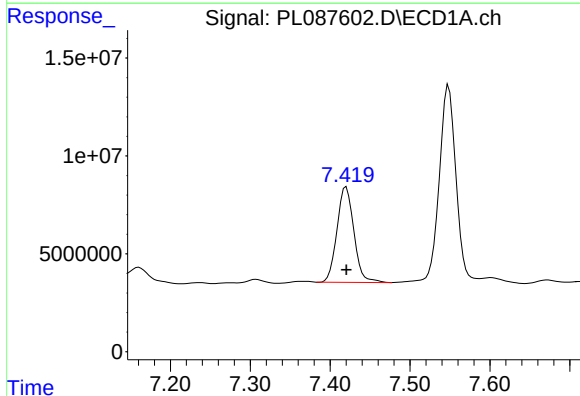
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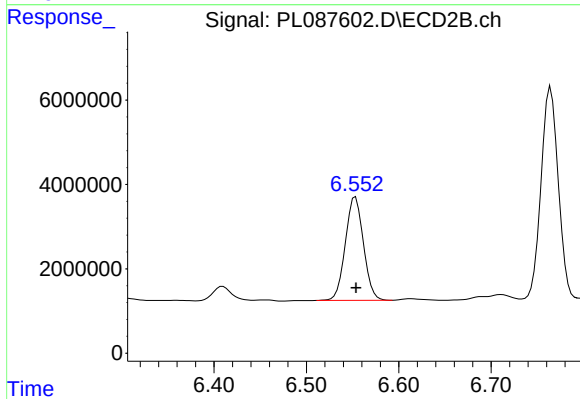
#19 Endosulfan Sulfate

R.T.: 6.258 min  
Delta R.T.: -0.001 min  
Response: 53692543  
Conc: 40.90 ng/ml



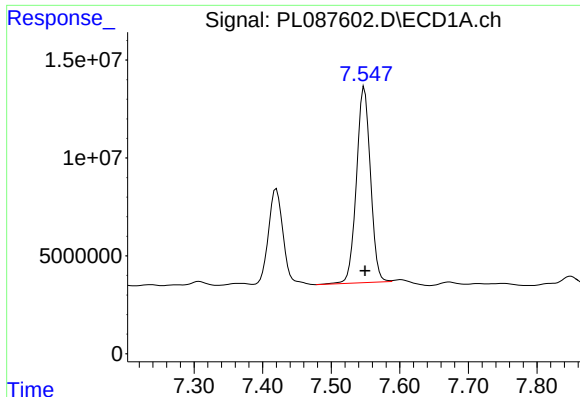
#20 Methoxychlor

R.T.: 7.420 min  
Delta R.T.: 0.000 min  
Response: 71618005  
Conc: 44.11 ng/ml



#20 Methoxychlor

R.T.: 6.553 min  
Delta R.T.: 0.000 min  
Response: 33380526  
Conc: 45.35 ng/ml



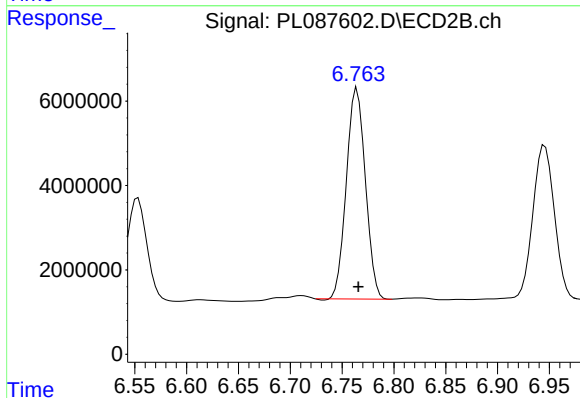
#21 Endrin ketone

R.T.: 7.548 min  
Delta R.T.: -0.001 min  
Response: 141457529  
Conc: 43.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-02-12282023MSD

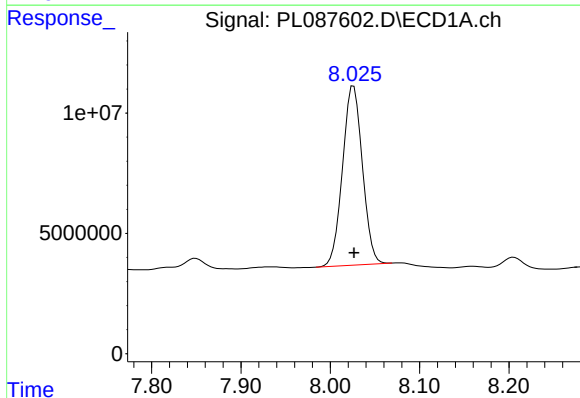
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/03/2024  
Supervised By :Ankita Jodhani 01/03/2024



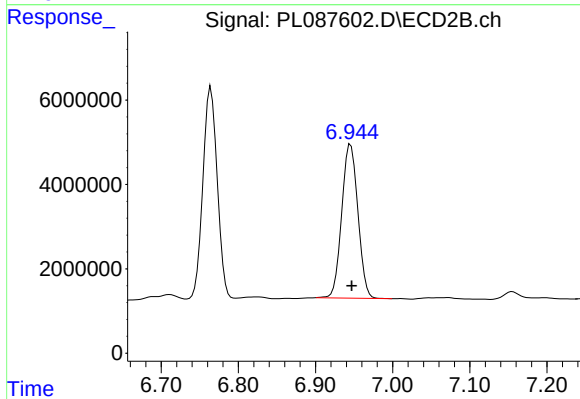
#21 Endrin ketone

R.T.: 6.764 min  
Delta R.T.: -0.001 min  
Response: 63743310  
Conc: 41.58 ng/ml



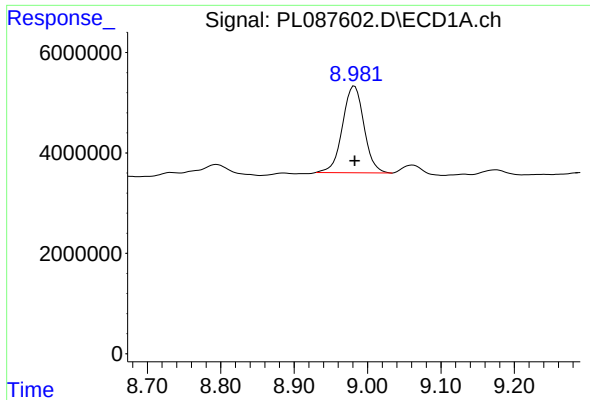
#22 Mirex

R.T.: 8.026 min  
Delta R.T.: 0.000 min  
Response: 115017240  
Conc: 41.02 ng/ml



#22 Mirex

R.T.: 6.946 min  
Delta R.T.: -0.001 min  
Response: 52940040  
Conc: 39.47 ng/ml



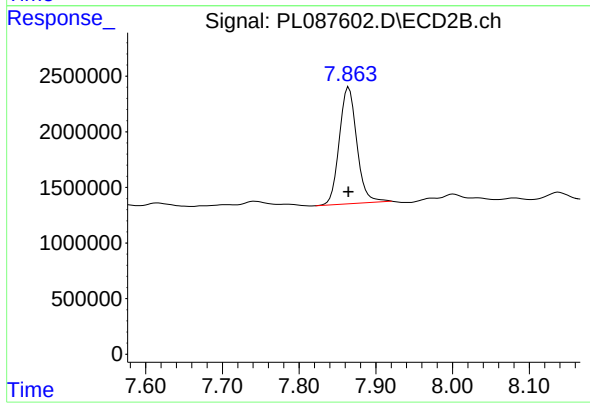
#28 Decachlorobiphenyl

R.T.: 8.982 min  
Delta R.T.: 0.000 min  
Response: 35109251  
Conc: 12.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-02-12282023MSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/03/2024  
Supervised By :Ankita Jodhani 01/03/2024



#28 Decachlorobiphenyl

R.T.: 7.865 min  
Delta R.T.: 0.000 min  
Response: 16698452  
Conc: 13.18 ng/ml