

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041625\  
 Data File : PL095263.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2025 15:48  
 Operator : AR\AJ  
 Sample : Q1800-03MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-A4-01-CMS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/17/2025  
 Supervised By : mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 17 01:15:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041425.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 14 19:12:49 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-------|-------|----------|----------|---------|----------|
| -----                       |       |       |          |          |         |          |
| System Monitoring Compounds |       |       |          |          |         |          |
| 1) SA Tetrachlo...          | 3.536 | 2.769 | 53550789 | 62391200 | 19.521  | 16.766   |
| 28) SA Decachlor...         | 9.053 | 7.900 | 53971728 | 99173035 | 22.416  | 22.544   |
| Target Compounds            |       |       |          |          |         |          |
| 2) A alpha-BHC              | 3.991 | 3.271 | 195.7E6  | 267.1E6  | 48.697m | 48.226   |
| 3) MA gamma-BHC...          | 4.323 | 3.598 | 204.2E6  | 254.0E6  | 53.113m | 48.263m  |
| 4) MA Heptachlor            | 4.912 | 3.937 | 187.4E6  | 266.6E6  | 51.123  | 51.274   |
| 5) MB Aldrin                | 5.254 | 4.216 | 175.0E6  | 235.3E6  | 49.600  | 48.284   |
| 6) B beta-BHC               | 4.524 | 3.899 | 77816588 | 114.7E6  | 44.383m | 49.482m  |
| 7) B delta-BHC              | 4.771 | 4.128 | 179.3E6  | 227.5E6  | 45.748  | 43.999   |
| 8) B Heptachlo...           | 5.681 | 4.719 | 174.1E6  | 243.4E6  | 54.221  | 53.279   |
| 9) A Endosulfan I           | 6.067 | 5.087 | 107.2E6  | 144.8E6  | 34.605  | 33.366m  |
| 10) B gamma-Chl...          | 5.938 | 4.968 | 182.6E6  | 256.4E6  | 54.650  | 53.231   |
| 11) B alpha-Chl...          | 6.016 | 5.032 | 169.8E6  | 252.7E6  | 51.142  | 53.315   |
| 12) B 4,4'-DDE              | 6.189 | 5.221 | 153.5E6  | 249.6E6  | 46.954m | 51.847   |
| 13) MA Dieldrin             | 6.342 | 5.352 | 178.4E6  | 281.5E6  | 54.151  | 58.641   |
| 14) MA Endrin               | 6.572 | 5.628 | 150.7E6  | 244.8E6  | 57.839  | 58.605   |
| 15) B Endosulfa...          | 6.792 | 5.923 | 47170079 | 71068825 | 16.537  | 16.188   |
| 16) A 4,4'-DDD              | 6.708 | 5.774 | 127.7E6  | 256.5E6  | 50.298  | 65.936m# |
| 17) MA 4,4'-DDT             | 7.022 | 6.025 | 140.8E6  | 233.1E6  | 55.319  | 55.948   |
| 18) B Endrin al...          | 6.923 | 6.103 | 115.3E6  | 180.8E6  | 52.400  | 53.664   |
| 19) B Endosulfa...          | 7.158 | 6.325 | 133.3E6  | 227.2E6  | 51.866  | 54.406   |
| 20) A Methoxychlor          | 7.499 | 6.601 | 72346021 | 124.1E6  | 54.012  | 55.244   |
| 21) B Endrin ke...          | 7.642 | 6.830 | 146.9E6  | 266.7E6  | 50.888  | 52.893   |
| 22) Mirex                   | 8.115 | 7.009 | 108.9E6  | 200.7E6  | 51.197  | 51.055   |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041625\  
Data File : PL095263.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Apr 2025 15:48  
Operator : AR\AJ  
Sample : Q1800-03MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

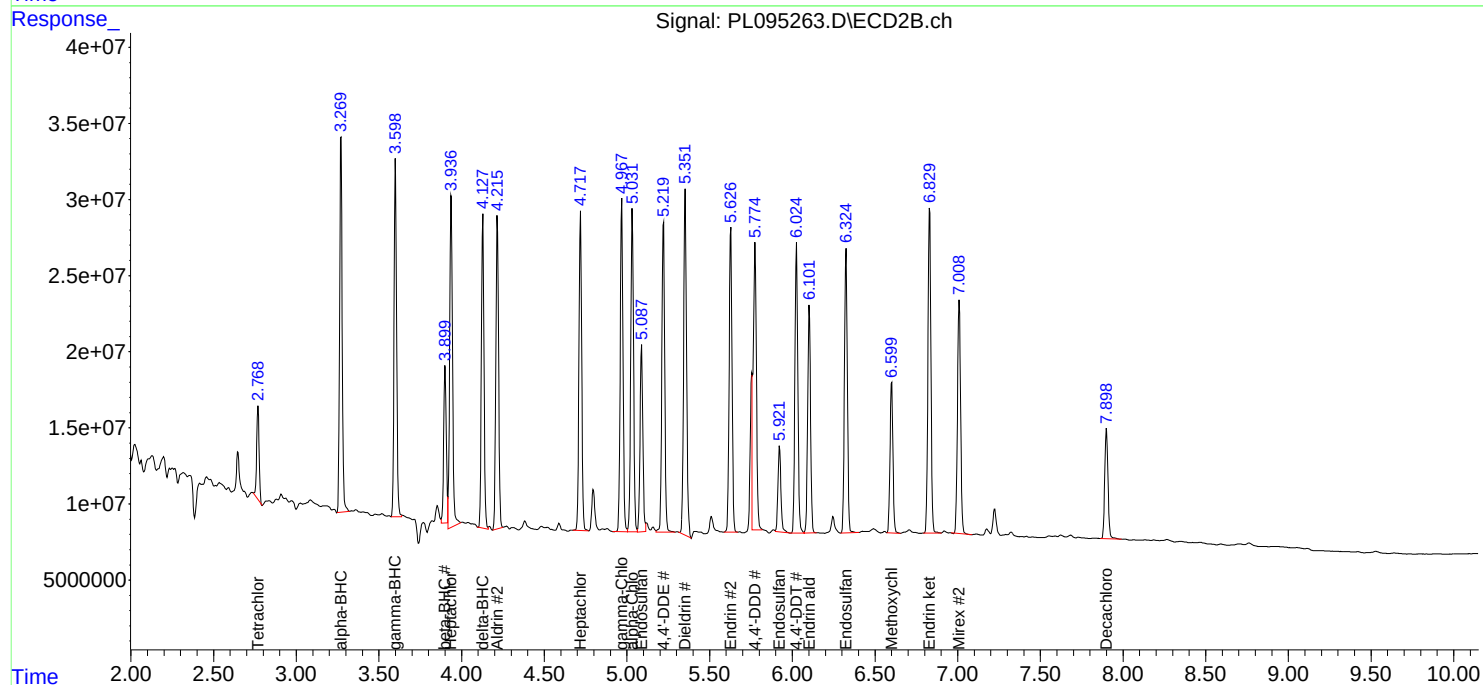
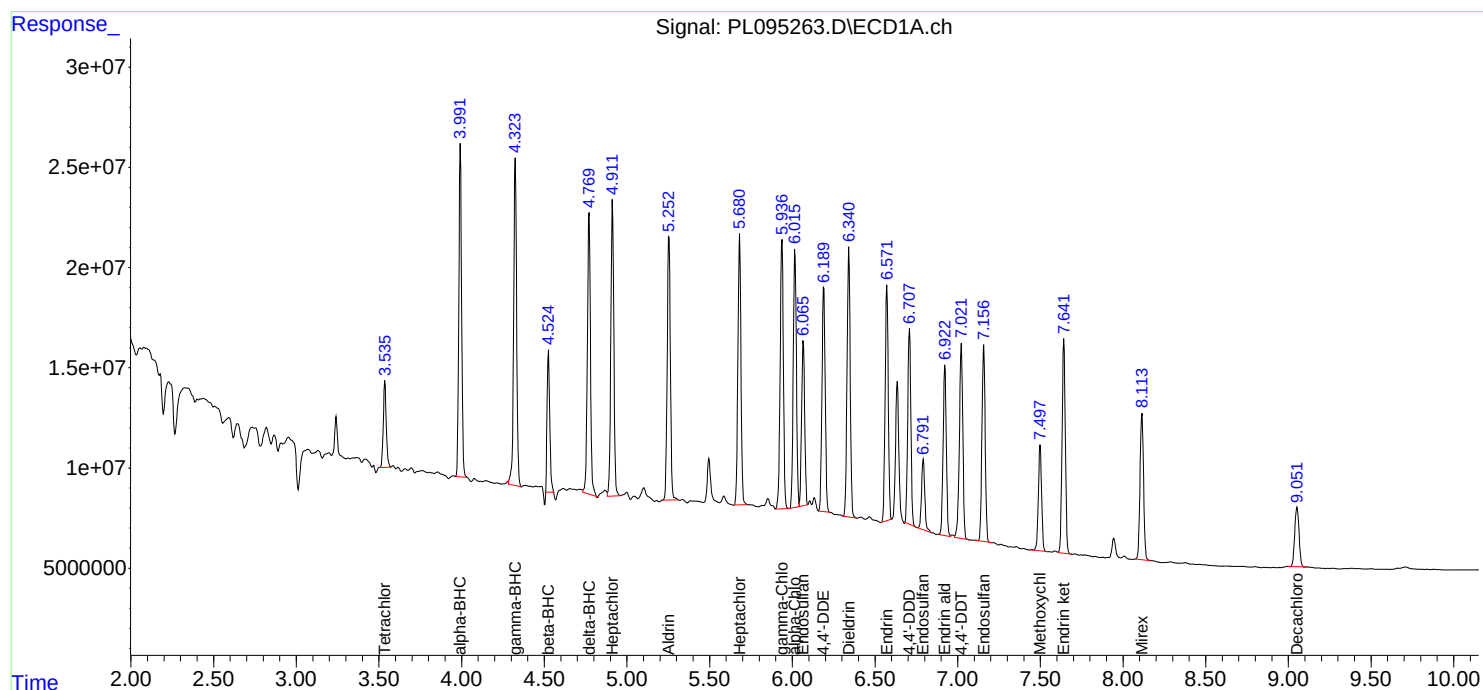
Instrument :  
ECD\_L  
ClientSampleId :  
WC-A4-01-CMS

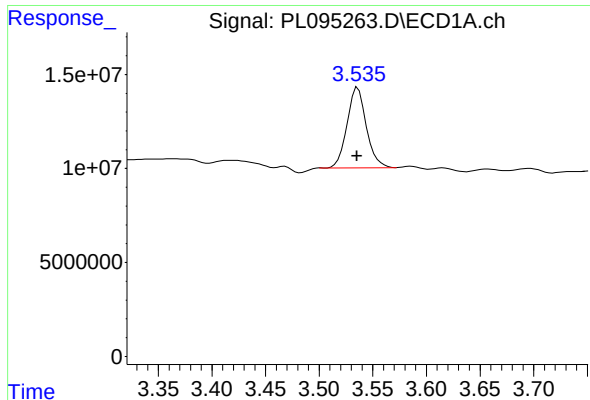
Manual Integrations  
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Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 17 01:15:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041425.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 14 19:12:49 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





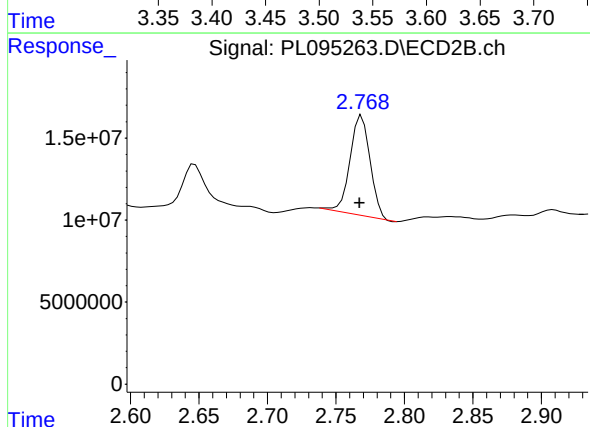
#1 Tetrachloro-m-xylene

R.T.: 3.536 min  
Delta R.T.: 0.001 min  
Response: 53550789  
Conc: 19.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A4-01-CMS

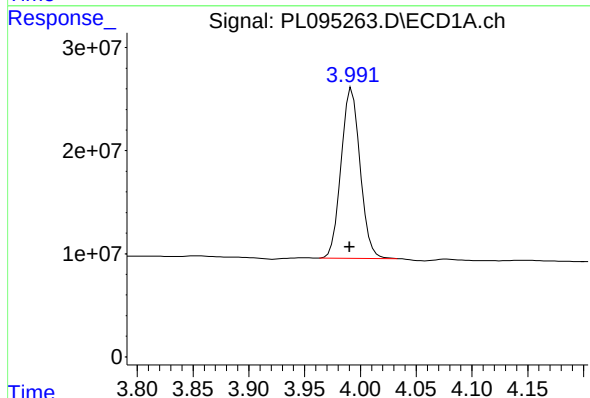
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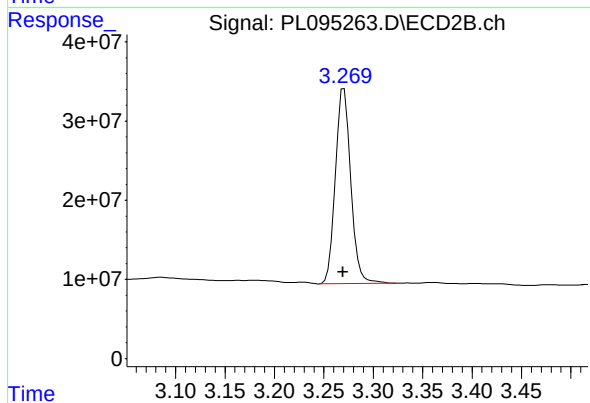
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: 0.001 min  
Response: 62391200  
Conc: 16.77 ng/ml



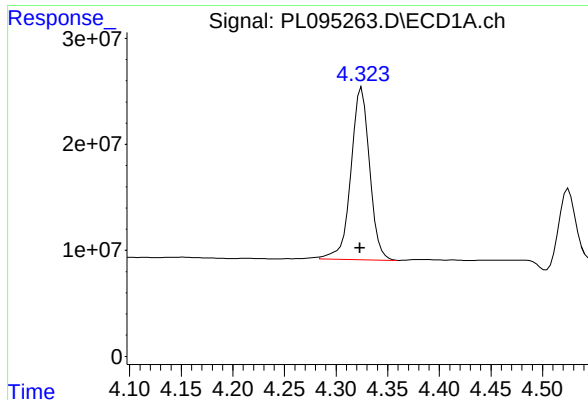
#2 alpha-BHC

R.T.: 3.991 min  
Delta R.T.: 0.000 min  
Response: 195717659  
Conc: 48.70 ng/ml m



#2 alpha-BHC

R.T.: 3.271 min  
Delta R.T.: 0.001 min  
Response: 267052440  
Conc: 48.23 ng/ml



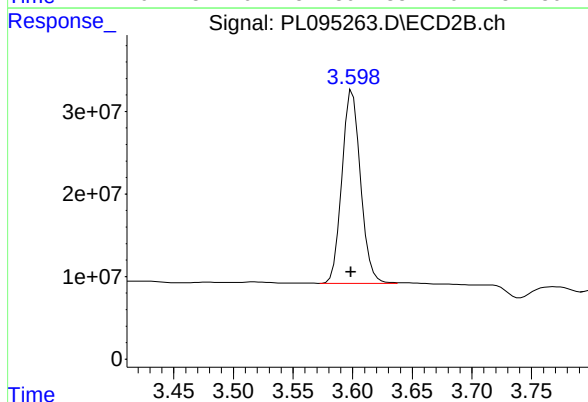
#3 gamma-BHC (Lindane)

R.T.: 4.323 min  
Delta R.T.: 0.000 min  
Response: 204248865  
Conc: 53.11 ng/ml

Instrument :  
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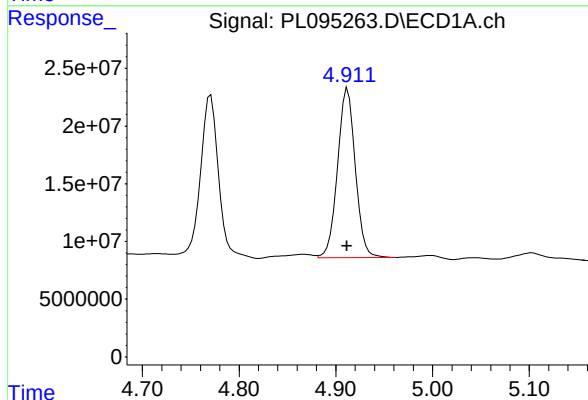
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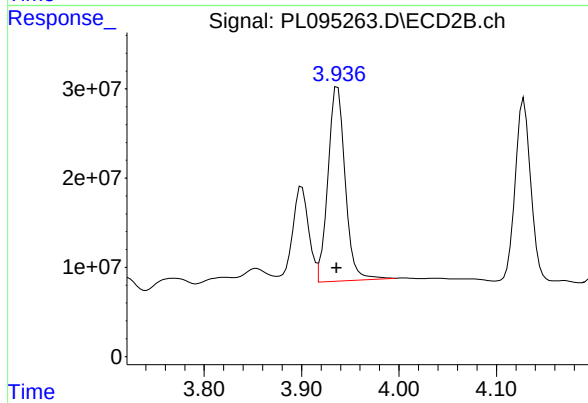
#3 gamma-BHC (Lindane)

R.T.: 3.598 min  
Delta R.T.: 0.000 min  
Response: 254016662  
Conc: 48.26 ng/ml



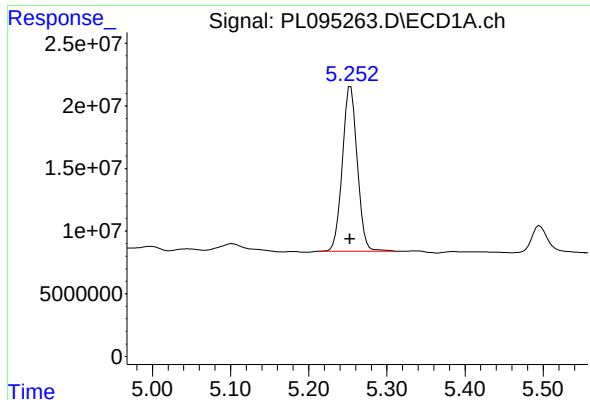
#4 Heptachlor

R.T.: 4.912 min  
Delta R.T.: 0.000 min  
Response: 187439310  
Conc: 51.12 ng/ml



#4 Heptachlor

R.T.: 3.937 min  
Delta R.T.: 0.000 min  
Response: 266595854  
Conc: 51.27 ng/ml



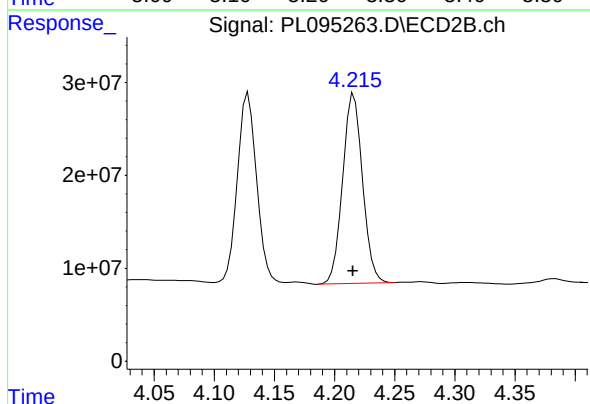
#5 Aldrin

R.T.: 5.254 min  
Delta R.T.: 0.000 min  
Response: 175044999  
Conc: 49.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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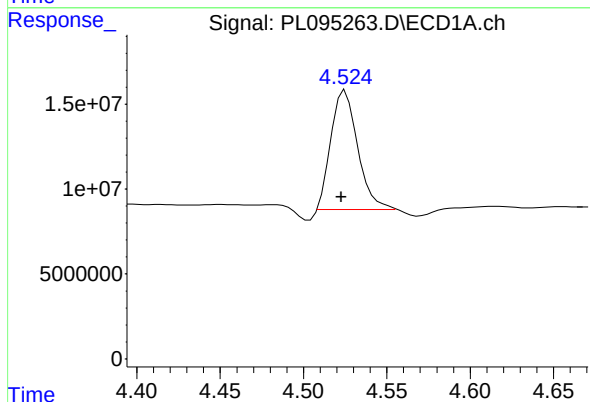
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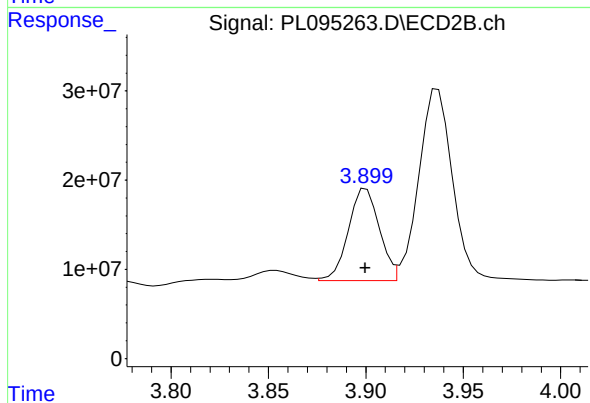
#5 Aldrin

R.T.: 4.216 min  
Delta R.T.: 0.000 min  
Response: 235313069  
Conc: 48.28 ng/ml



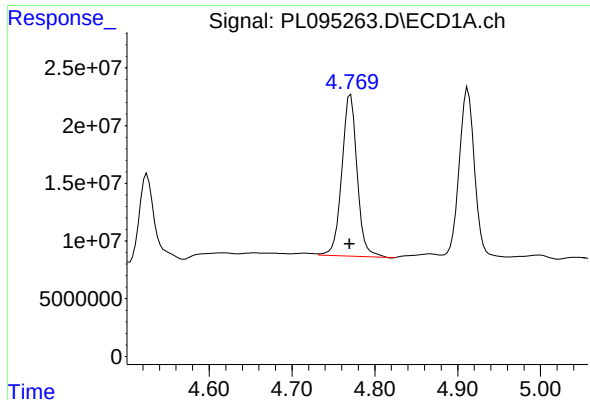
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.001 min  
Response: 77816588  
Conc: 44.38 ng/ml m



#6 beta-BHC

R.T.: 3.899 min  
Delta R.T.: 0.000 min  
Response: 114655332  
Conc: 49.48 ng/ml m



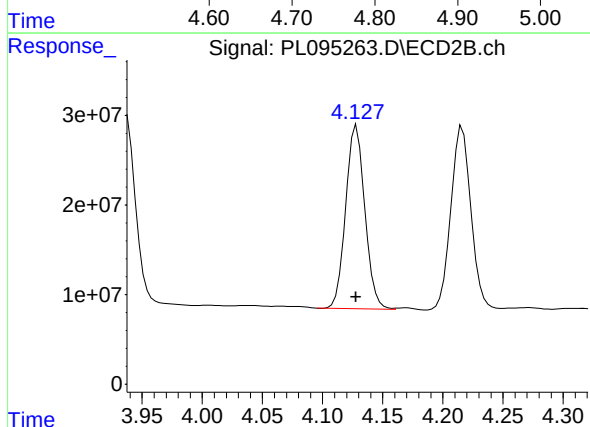
#7 delta-BHC

R.T.: 4.771 min  
Delta R.T.: 0.001 min  
Response: 179272253  
Conc: 45.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A4-01-CMS

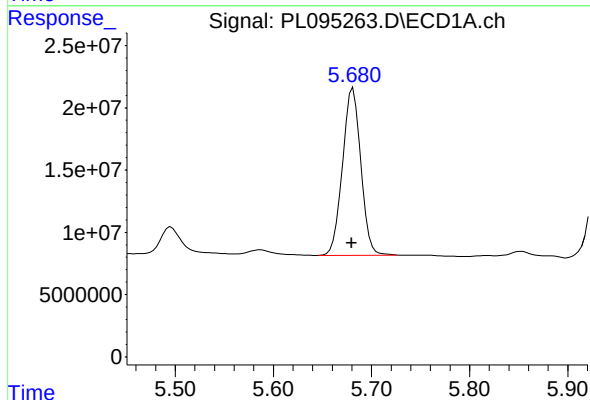
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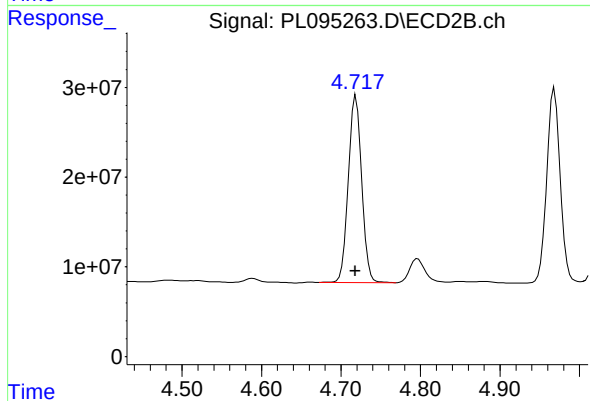
#7 delta-BHC

R.T.: 4.128 min  
Delta R.T.: 0.000 min  
Response: 227477130  
Conc: 44.00 ng/ml



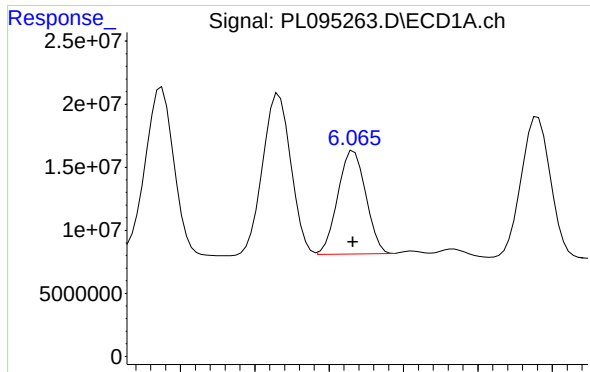
#8 Heptachlor epoxide

R.T.: 5.681 min  
Delta R.T.: 0.001 min  
Response: 174091110  
Conc: 54.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min  
Delta R.T.: 0.000 min  
Response: 243416192  
Conc: 53.28 ng/ml



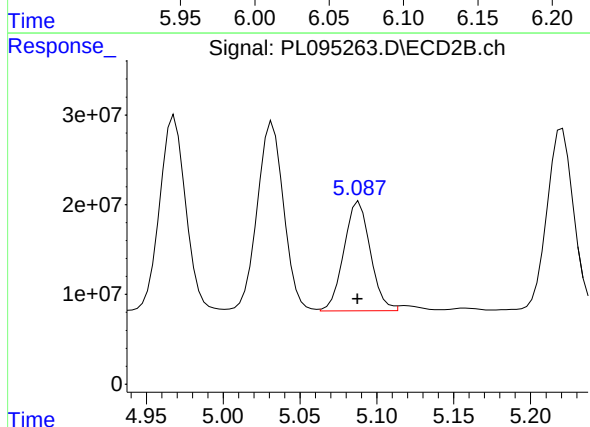
#9 Endosulfan I

R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 107220983  
Conc: 34.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A4-01-CMS

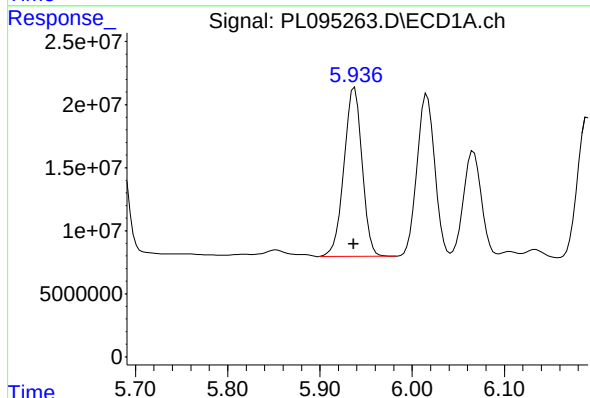
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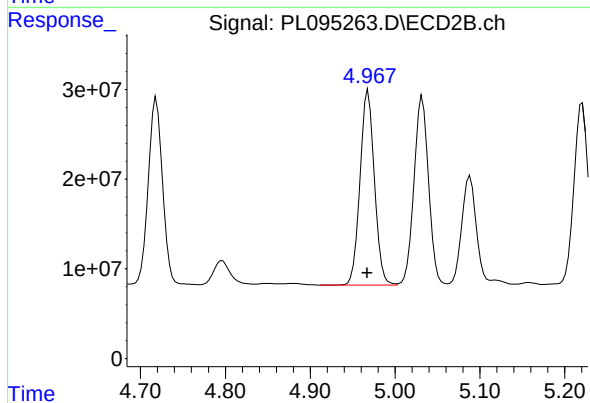
#9 Endosulfan I

R.T.: 5.087 min  
Delta R.T.: 0.000 min  
Response: 144838664  
Conc: 33.37 ng/ml m



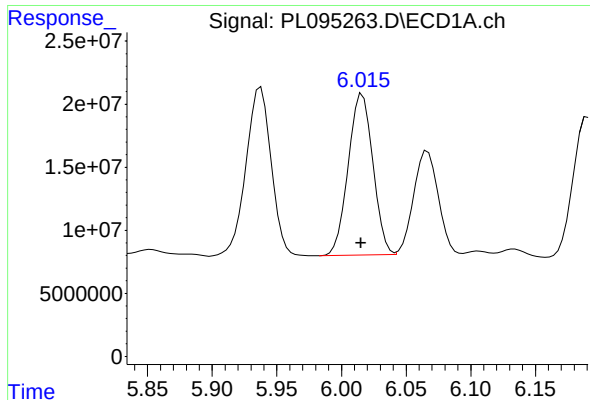
#10 gamma-Chlordane

R.T.: 5.938 min  
Delta R.T.: 0.000 min  
Response: 182558622  
Conc: 54.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min  
Delta R.T.: 0.000 min  
Response: 256402821  
Conc: 53.23 ng/ml



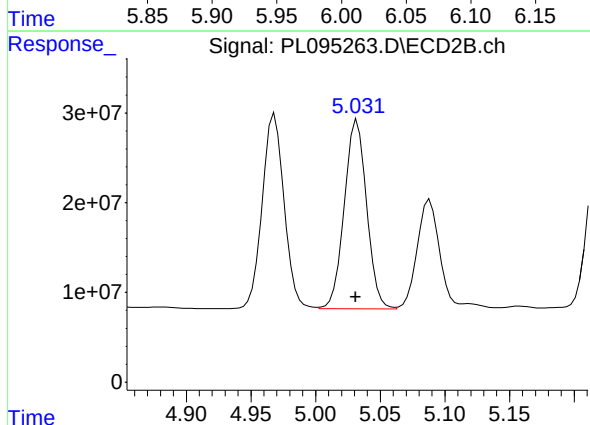
#11 alpha-Chlordane

R.T.: 6.016 min  
Delta R.T.: 0.001 min  
Response: 169764816  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A4-01-CMS

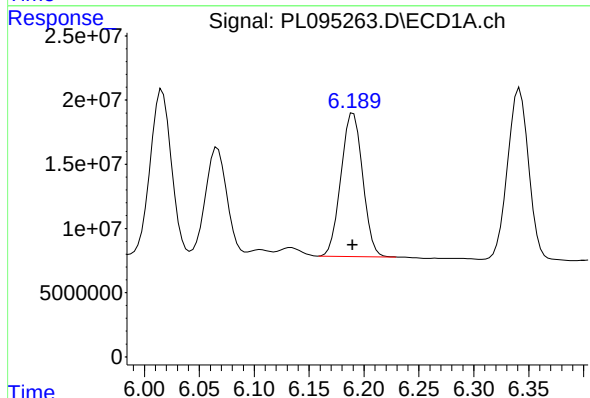
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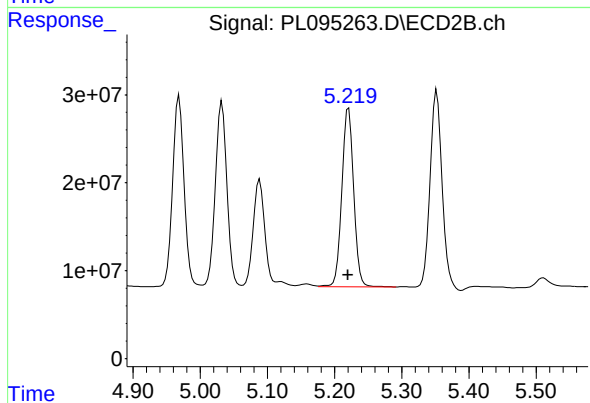
#11 alpha-Chlordane

R.T.: 5.032 min  
Delta R.T.: 0.001 min  
Response: 252692437  
Conc: 53.31 ng/ml



#12 4,4'-DDE

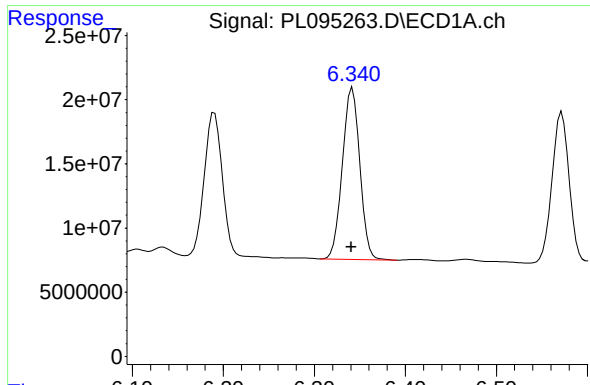
R.T.: 6.189 min  
Delta R.T.: 0.000 min  
Response: 153533636  
Conc: 46.95 ng/ml m



#12 4,4'-DDE

R.T.: 5.221 min  
Delta R.T.: 0.000 min  
Response: 249629143  
Conc: 51.85 ng/ml





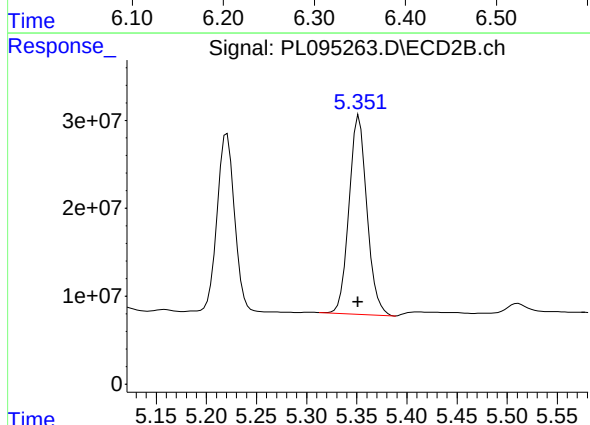
#13 Dieldrin

R.T.: 6.342 min  
Delta R.T.: 0.000 min  
Response: 178433737  
Conc: 54.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A4-01-CMS

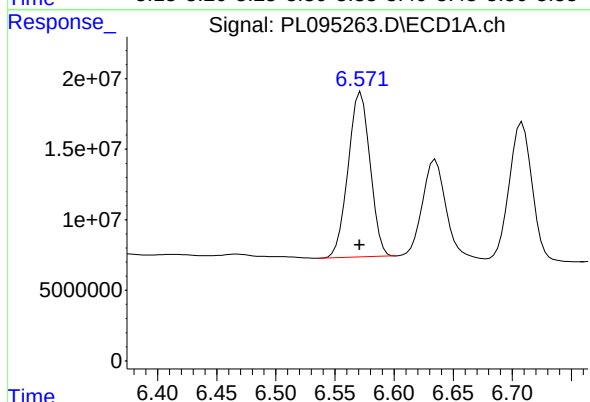
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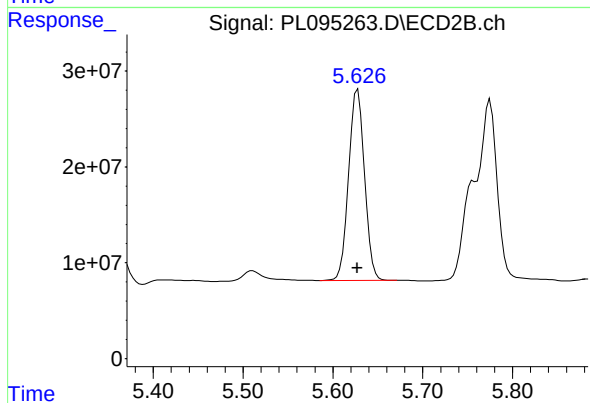
#13 Dieldrin

R.T.: 5.352 min  
Delta R.T.: 0.000 min  
Response: 281480151  
Conc: 58.64 ng/ml



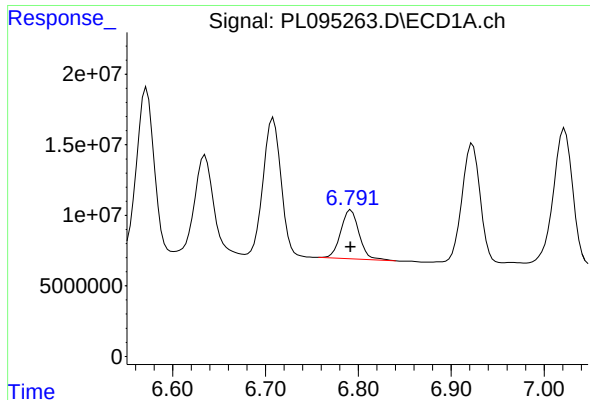
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 150737105  
Conc: 57.84 ng/ml



#14 Endrin

R.T.: 5.628 min  
Delta R.T.: 0.000 min  
Response: 244817235  
Conc: 58.60 ng/ml



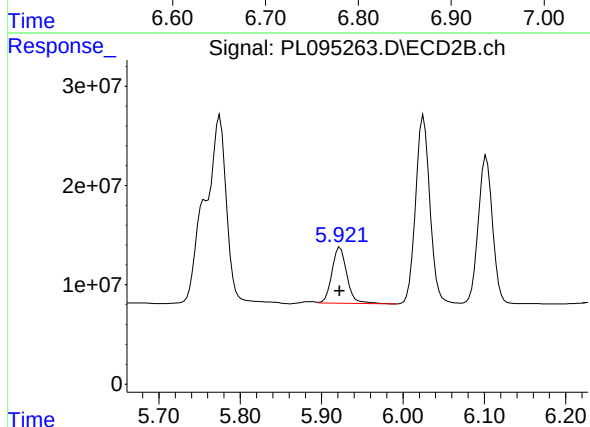
#15 Endosulfan II

R.T.: 6.792 min  
Delta R.T.: 0.000 min  
Response: 47170079  
Conc: 16.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A4-01-CMS

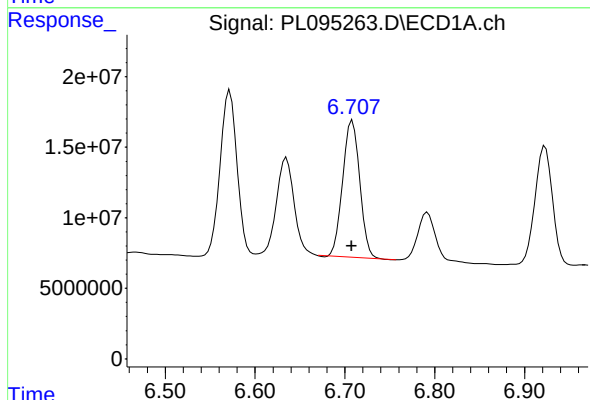
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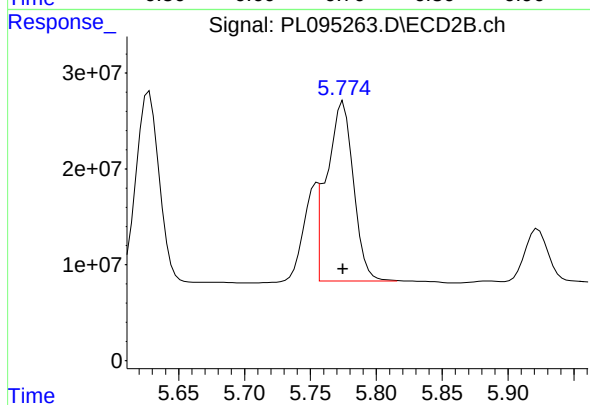
#15 Endosulfan II

R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 71068825  
Conc: 16.19 ng/ml



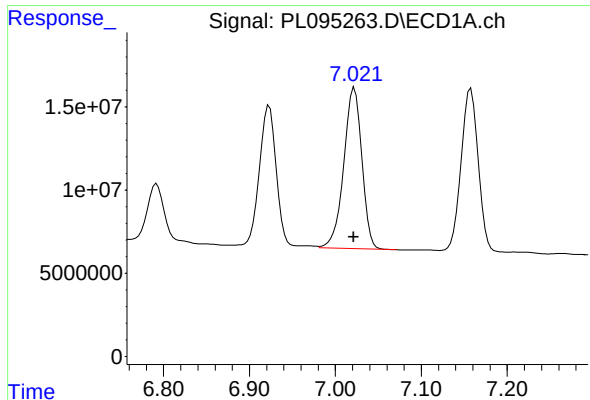
#16 4,4'-DDD

R.T.: 6.708 min  
Delta R.T.: 0.000 min  
Response: 127710923  
Conc: 50.30 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min  
Delta R.T.: -0.001 min  
Response: 256487776  
Conc: 65.94 ng/ml m



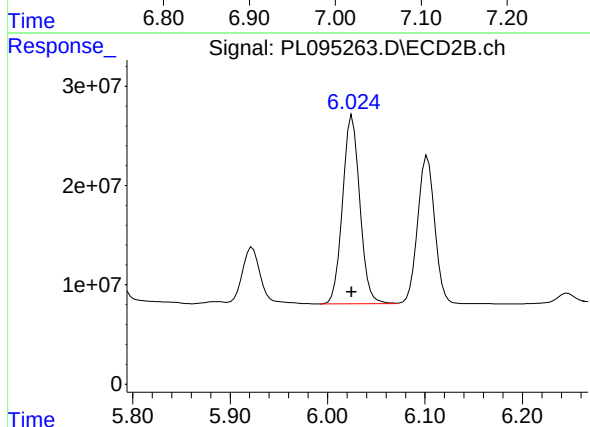
#17 4,4'-DDT

R.T.: 7.022 min  
Delta R.T.: 0.000 min  
Response: 140816577  
Conc: 55.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A4-01-CMS

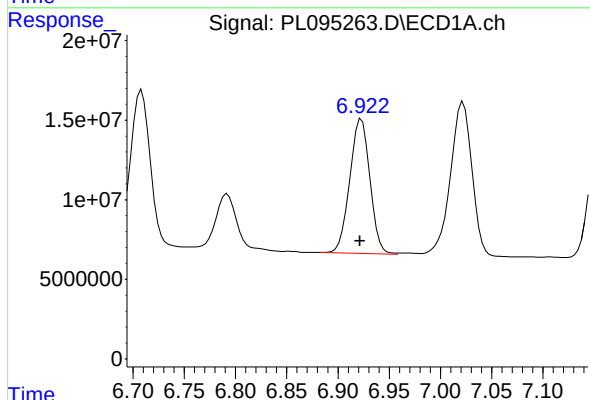
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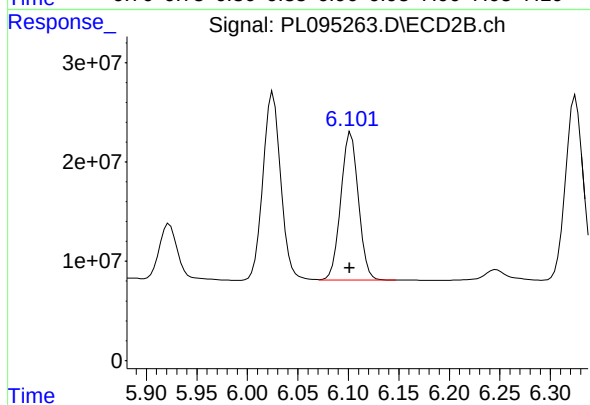
#17 4,4'-DDT

R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 233075939  
Conc: 55.95 ng/ml



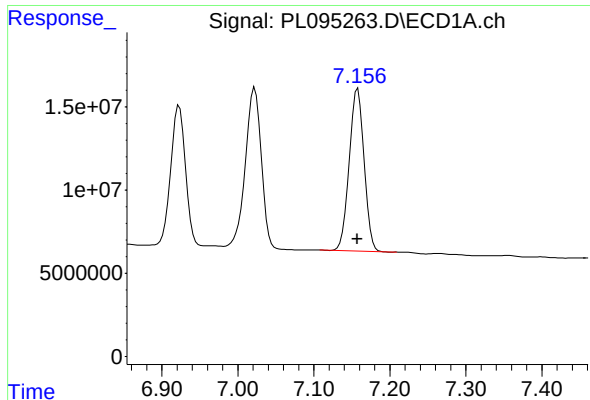
#18 Endrin aldehyde

R.T.: 6.923 min  
Delta R.T.: 0.001 min  
Response: 115336006  
Conc: 52.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min  
Delta R.T.: 0.001 min  
Response: 180839551  
Conc: 53.66 ng/ml



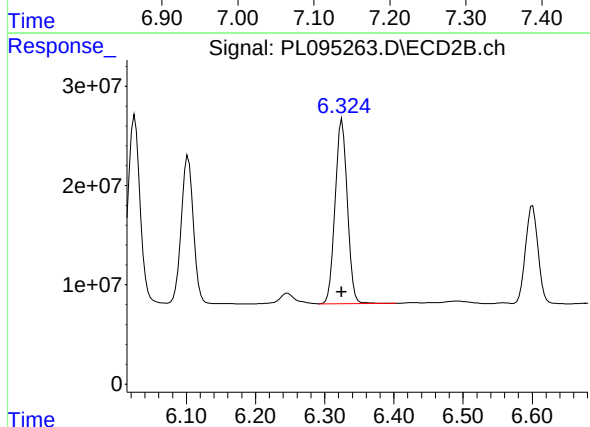
#19 Endosulfan Sulfate

R.T.: 7.158 min  
Delta R.T.: 0.000 min  
Response: 133275235  
Conc: 51.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A4-01-CMS

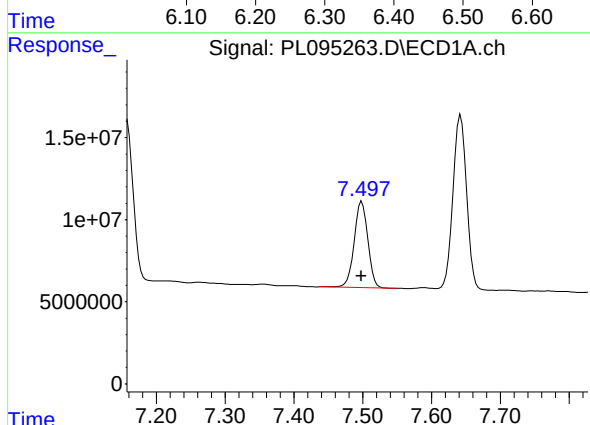
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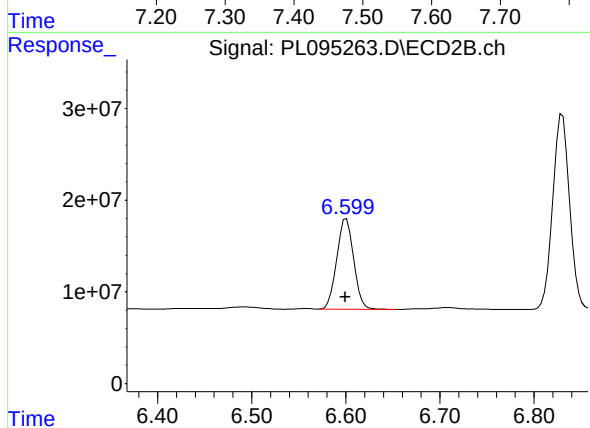
#19 Endosulfan Sulfate

R.T.: 6.325 min  
Delta R.T.: 0.000 min  
Response: 227223611  
Conc: 54.41 ng/ml



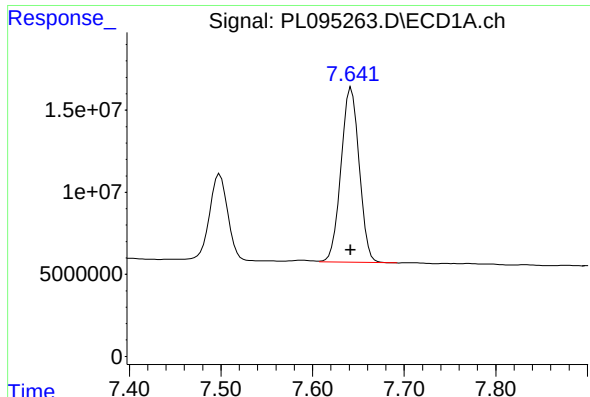
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: 0.000 min  
Response: 72346021  
Conc: 54.01 ng/ml



#20 Methoxychlor

R.T.: 6.601 min  
Delta R.T.: 0.001 min  
Response: 124061515  
Conc: 55.24 ng/ml



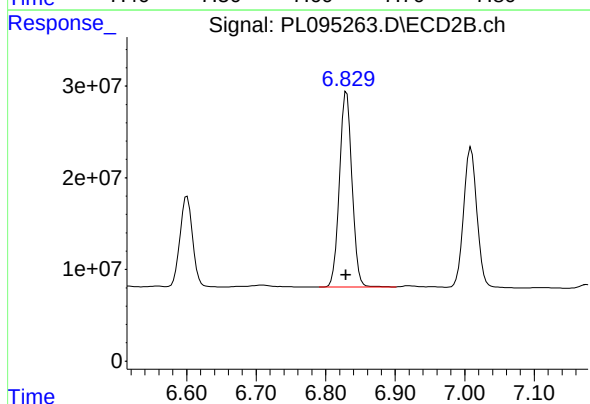
#21 Endrin ketone

R.T.: 7.642 min  
Delta R.T.: 0.000 min  
Response: 146897944  
Conc: 50.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A4-01-CMS

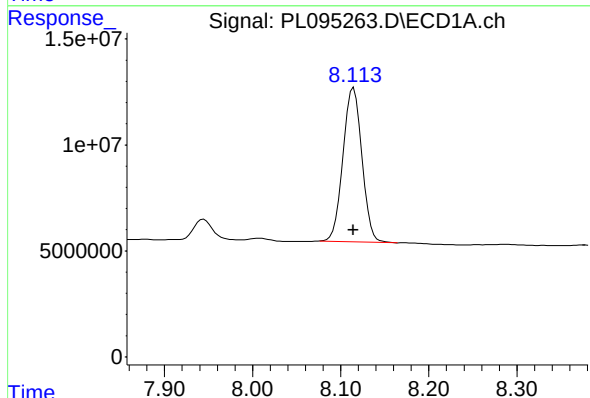
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/17/2025  
Supervised By :mohammad ahmed 04/18/2025



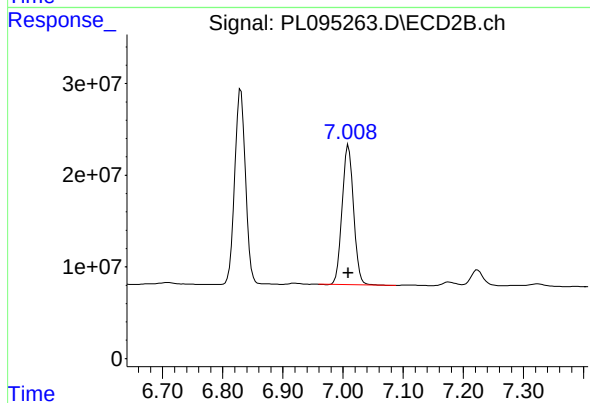
#21 Endrin ketone

R.T.: 6.830 min  
Delta R.T.: 0.000 min  
Response: 266691159  
Conc: 52.89 ng/ml



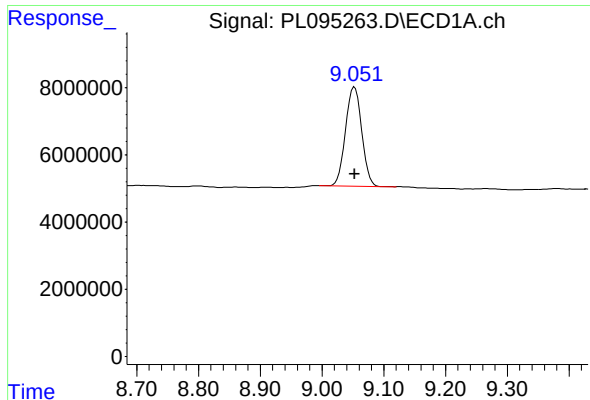
#22 Mirex

R.T.: 8.115 min  
Delta R.T.: 0.000 min  
Response: 108907589  
Conc: 51.20 ng/ml



#22 Mirex

R.T.: 7.009 min  
Delta R.T.: 0.000 min  
Response: 200739256  
Conc: 51.06 ng/ml



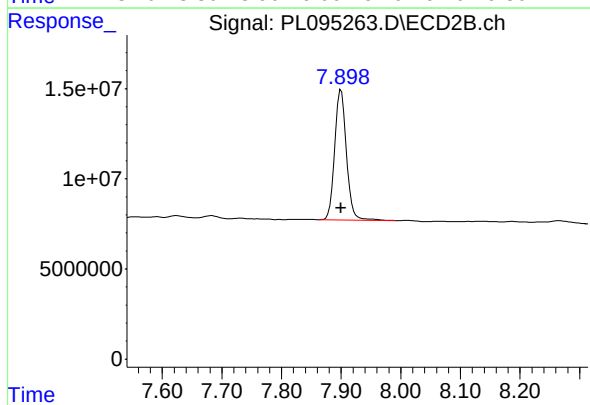
#28 Decachlorobiphenyl

R.T.: 9.053 min  
Delta R.T.: 0.000 min  
Response: 53971728  
Conc: 22.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A4-01-CMS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/17/2025  
Supervised By :mohammad ahmed 04/18/2025



#28 Decachlorobiphenyl

R.T.: 7.900 min  
Delta R.T.: 0.000 min  
Response: 99173035  
Conc: 22.54 ng/ml