

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011425\  
 Data File : PL093653.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jan 2025 12:52  
 Operator : AR\AJ  
 Sample : Q1074-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HACKENSACK-DGAMSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/15/2025  
 Supervised By :Ankita Jodhani 01/15/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 15 02:10:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122324.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 24 15:29:41 2024  
 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... | 3.537 | 2.775 | 49353154 | 56275842 | 19.935m | 19.331  |
| 28)                         | SA Decachlor... | 9.057 | 7.912 | 37113719 | 52276006 | 20.072  | 17.508  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.995 | 3.277 | 185.8E6  | 232.5E6  | 53.815  | 53.486  |
| 3)                          | MA gamma-BHC... | 4.328 | 3.607 | 174.4E6  | 221.1E6  | 53.174  | 52.402  |
| 4)                          | MA Heptachlor   | 4.916 | 3.946 | 162.0E6  | 224.7E6  | 55.309  | 54.076  |
| 5)                          | MB Aldrin       | 5.258 | 4.225 | 152.7E6  | 214.8E6  | 52.489  | 52.360  |
| 6)                          | B beta-BHC      | 4.526 | 3.908 | 78660115 | 96875717 | 54.565  | 53.895  |
| 7)                          | B delta-BHC     | 4.773 | 4.136 | 165.4E6  | 219.4E6  | 54.023  | 51.880  |
| 8)                          | B Heptachlo...  | 5.684 | 4.728 | 139.4E6  | 197.7E6  | 52.909  | 51.624  |
| 9)                          | A Endosulfan I  | 6.068 | 5.097 | 124.9E6  | 173.6E6  | 52.921m | 49.694m |
| 10)                         | B gamma-Chl...  | 5.939 | 4.977 | 139.0E6  | 208.4E6  | 55.292m | 54.092m |
| 11)                         | B alpha-Chl...  | 6.019 | 5.042 | 133.7E6  | 200.7E6  | 53.410  | 52.709  |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.231 | 118.3E6  | 192.8E6  | 52.718  | 52.441  |
| 13)                         | MA Dieldrin     | 6.345 | 5.362 | 132.7E6  | 213.2E6  | 53.168  | 55.328  |
| 14)                         | MA Endrin       | 6.573 | 5.636 | 116.8E6  | 182.3E6  | 54.275m | 55.094m |
| 15)                         | B Endosulfa...  | 6.795 | 5.933 | 115.1E6  | 178.6E6  | 50.631  | 54.987  |
| 16)                         | A 4,4'-DDD      | 6.709 | 5.786 | 102.4E6  | 154.0E6  | 58.308m | 54.404  |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.036 | 109.7E6  | 171.8E6  | 59.333  | 56.892  |
| 18)                         | B Endrin al...  | 6.925 | 6.112 | 92316687 | 137.8E6  | 52.023  | 51.177  |
| 19)                         | B Endosulfa...  | 7.160 | 6.335 | 110.5E6  | 169.0E6  | 54.736  | 53.568  |
| 20)                         | A Methoxychlor  | 7.501 | 6.611 | 54342360 | 85208668 | 54.360  | 52.937  |
| 21)                         | B Endrin ke...  | 7.645 | 6.840 | 119.4E6  | 189.3E6  | 53.223  | 51.991  |
| 22)                         | Mirex           | 8.118 | 7.020 | 92451548 | 144.7E6  | 49.473  | 47.347  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011425\  
Data File : PL093653.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Jan 2025 12:52  
Operator : AR\AJ  
Sample : Q1074-01MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

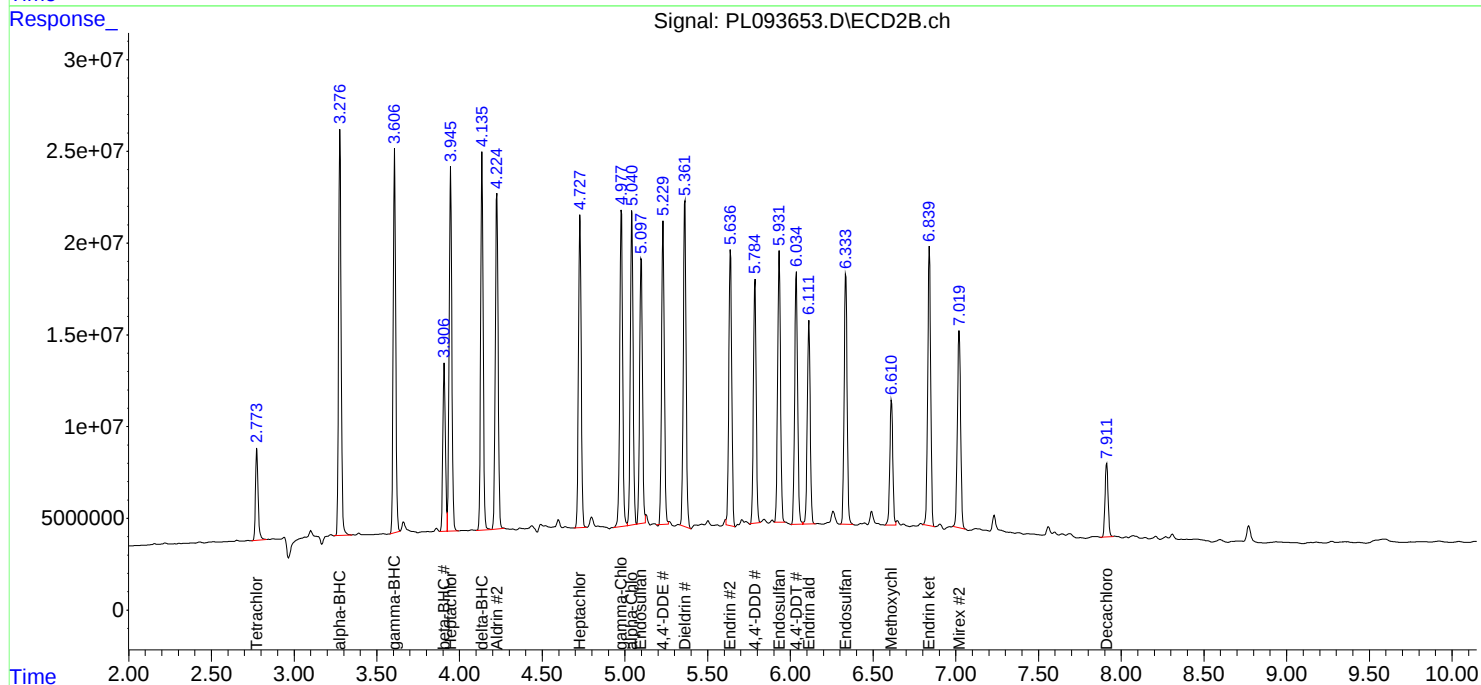
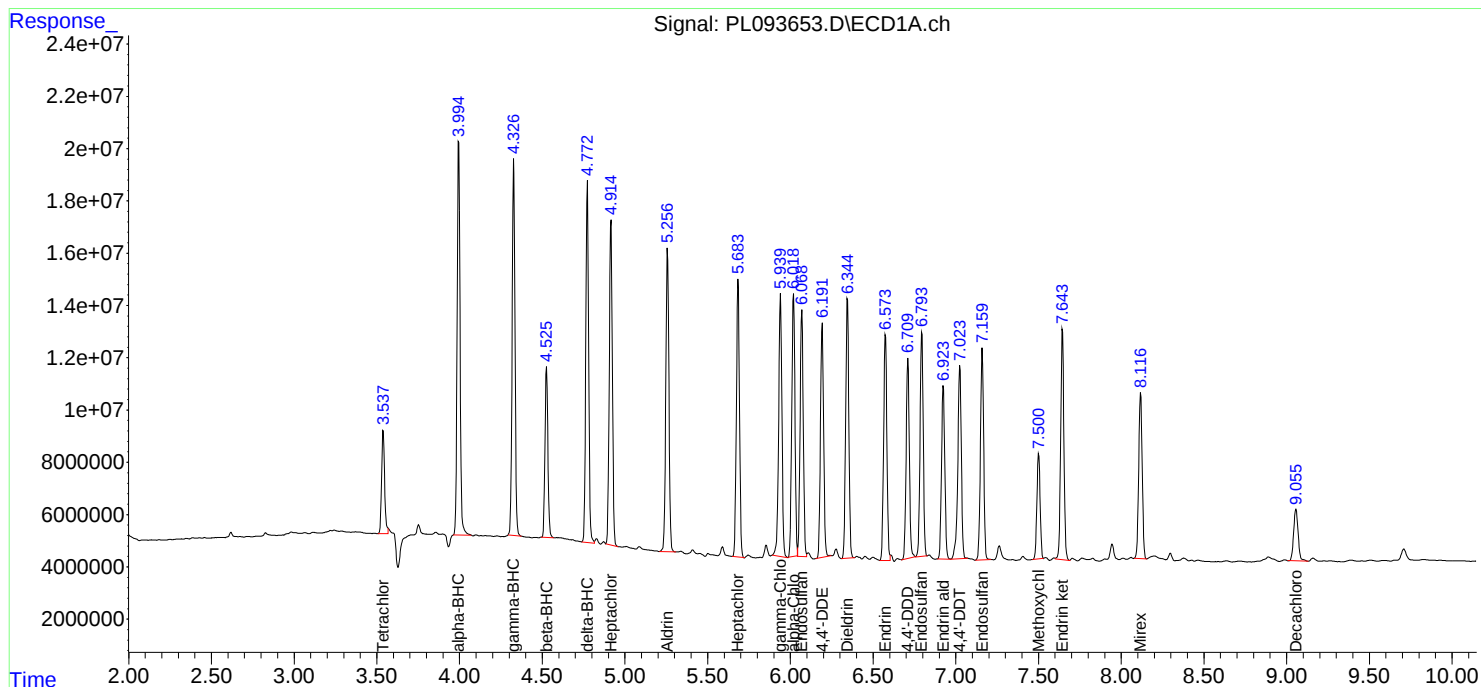
Instrument :  
ECD\_L  
ClientSampleId :  
HACKENSACK-DGAMSD

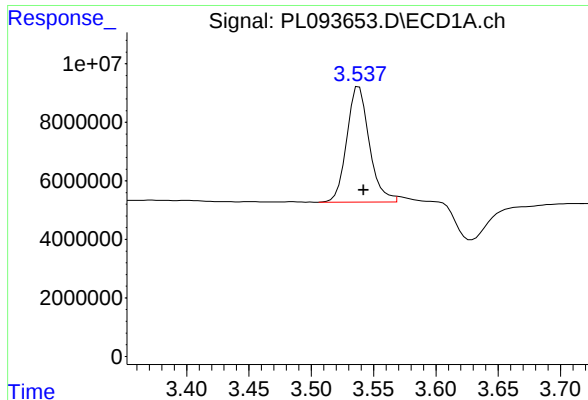
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 15 02:10:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122324.M  
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Volume 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





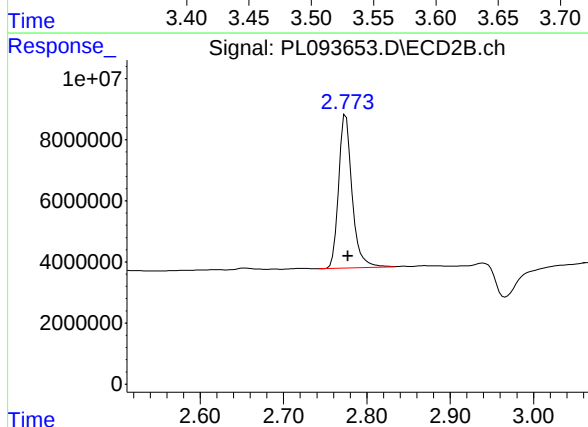
#1 Tetrachloro-m-xylene

R.T.: 3.537 min  
Delta R.T.: -0.005 min  
Response: 49353154  
Conc: 19.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HACKENSACK-DGAMSD

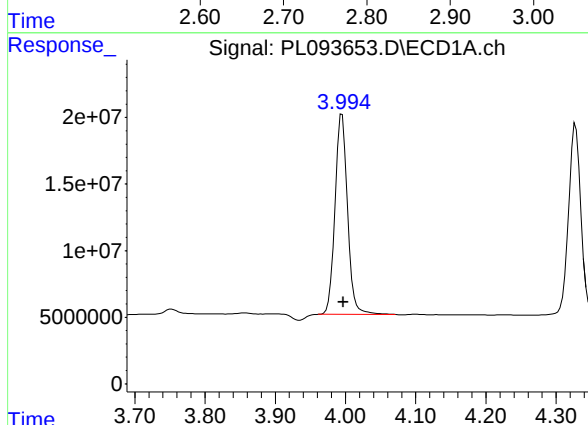
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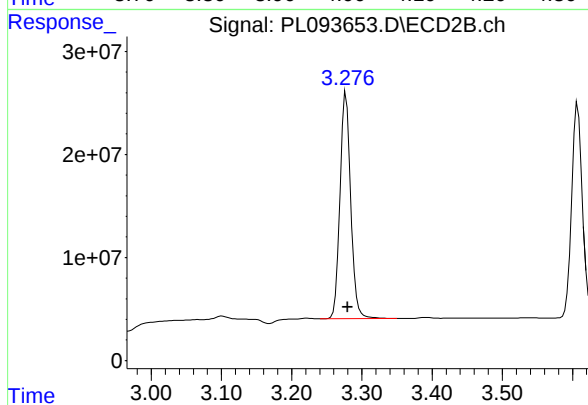
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.002 min  
Response: 56275842  
Conc: 19.33 ng/ml



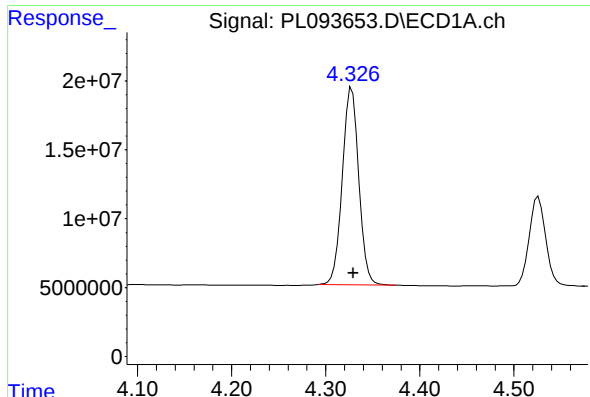
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: -0.002 min  
Response: 185791668  
Conc: 53.82 ng/ml



#2 alpha-BHC

R.T.: 3.277 min  
Delta R.T.: -0.002 min  
Response: 232491291  
Conc: 53.49 ng/ml



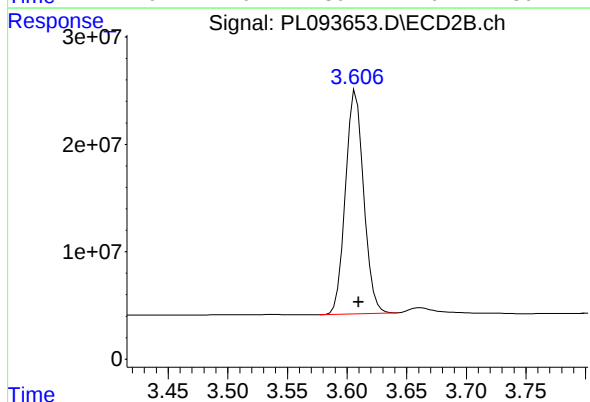
#3 gamma-BHC (Lindane)

R.T.: 4.328 min  
Delta R.T.: -0.002 min  
Response: 174379180  
Conc: 53.17 ng/ml

Instrument :  
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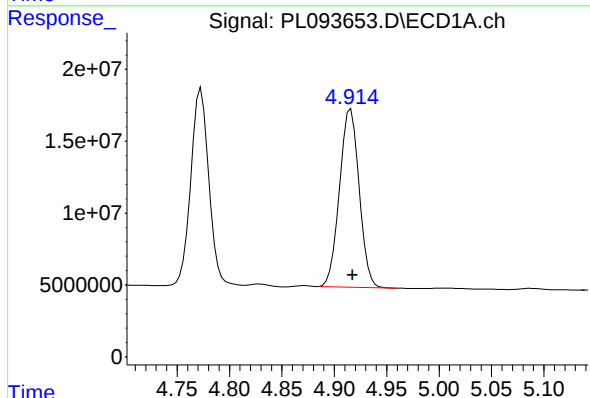
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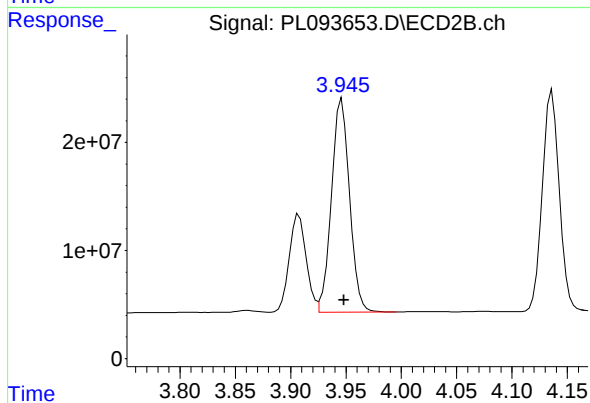
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: -0.002 min  
Response: 221101246  
Conc: 52.40 ng/ml



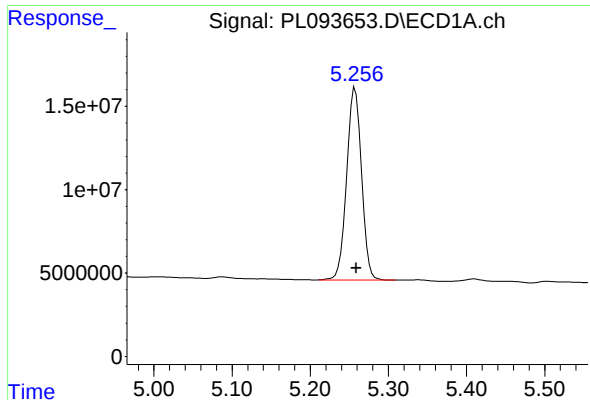
#4 Heptachlor

R.T.: 4.916 min  
Delta R.T.: -0.002 min  
Response: 161962543  
Conc: 55.31 ng/ml



#4 Heptachlor

R.T.: 3.946 min  
Delta R.T.: -0.002 min  
Response: 224733263  
Conc: 54.08 ng/ml



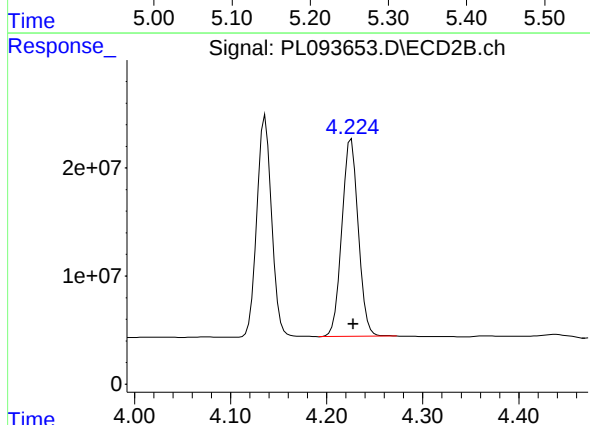
#5 Aldrin

R.T.: 5.258 min  
Delta R.T.: -0.001 min  
Response: 152683195  
Conc: 52.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HACKENSACK-DGAMSD

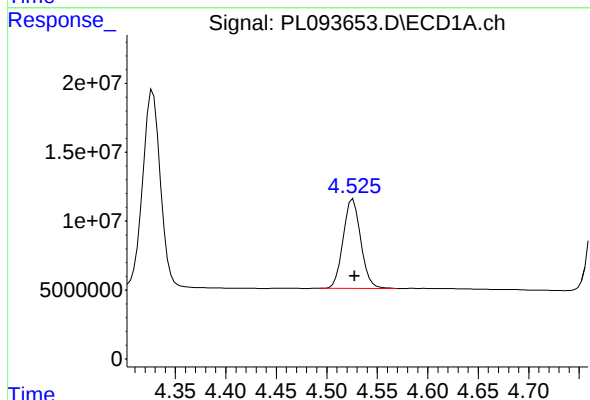
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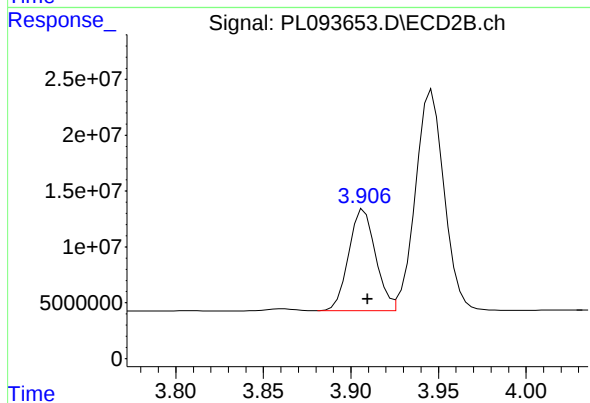
#5 Aldrin

R.T.: 4.225 min  
Delta R.T.: -0.002 min  
Response: 214795408  
Conc: 52.36 ng/ml



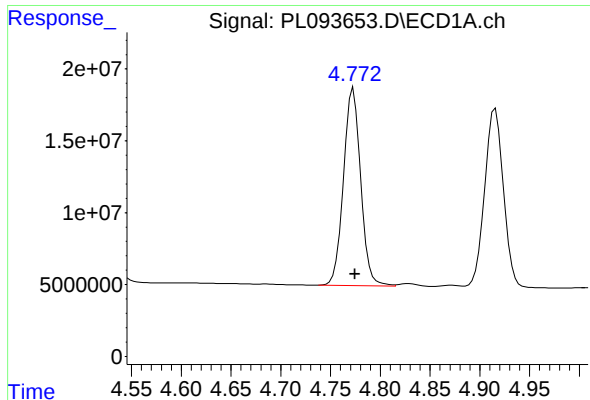
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.001 min  
Response: 78660115  
Conc: 54.56 ng/ml



#6 beta-BHC

R.T.: 3.908 min  
Delta R.T.: -0.002 min  
Response: 96875717  
Conc: 53.90 ng/ml



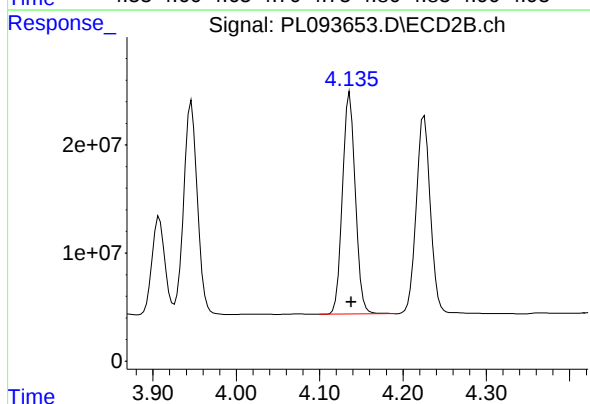
#7 delta-BHC

R.T.: 4.773 min  
Delta R.T.: -0.002 min  
Response: 165449837  
Conc: 54.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HACKENSACK-DGAMSD

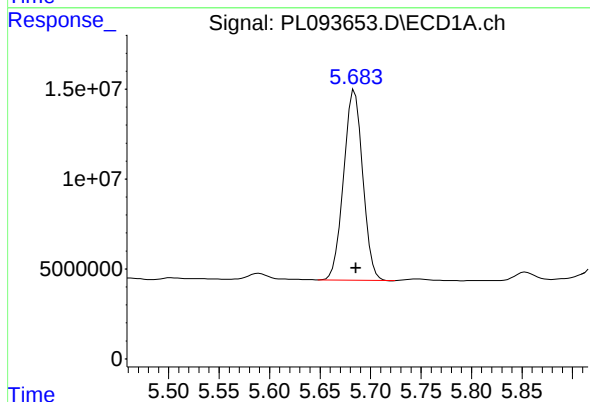
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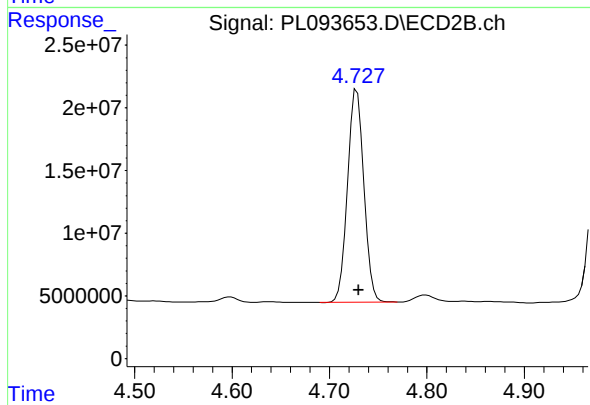
#7 delta-BHC

R.T.: 4.136 min  
Delta R.T.: -0.002 min  
Response: 219391844  
Conc: 51.88 ng/ml



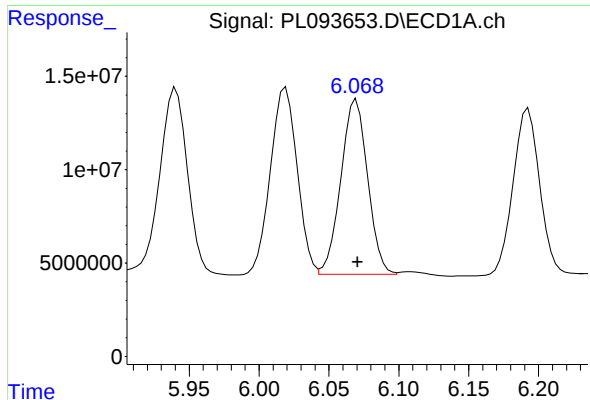
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: -0.001 min  
Response: 139380446  
Conc: 52.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min  
Delta R.T.: -0.002 min  
Response: 197651830  
Conc: 51.62 ng/ml



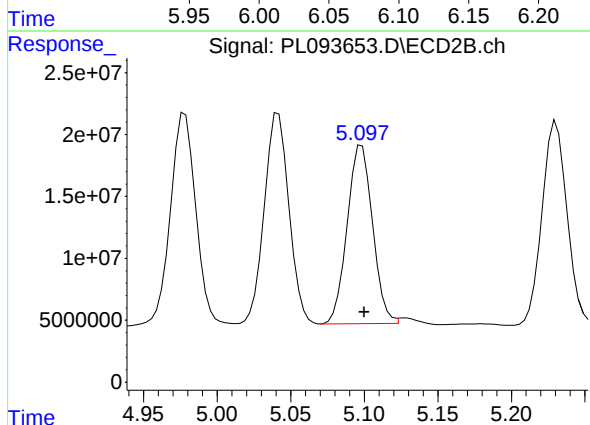
#9 Endosulfan I

R.T.: 6.068 min  
Delta R.T.: -0.002 min  
Response: 124854654  
Conc: 52.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HACKENSACK-DGAMSD

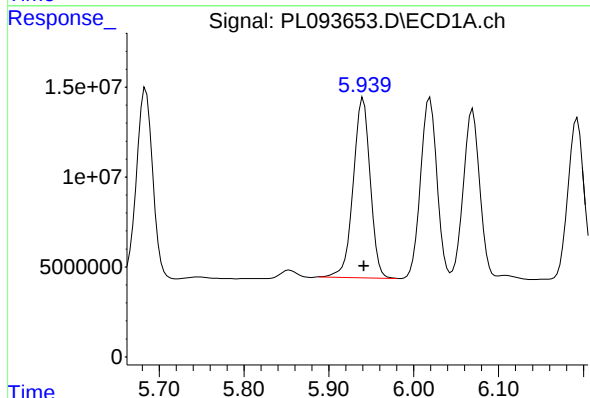
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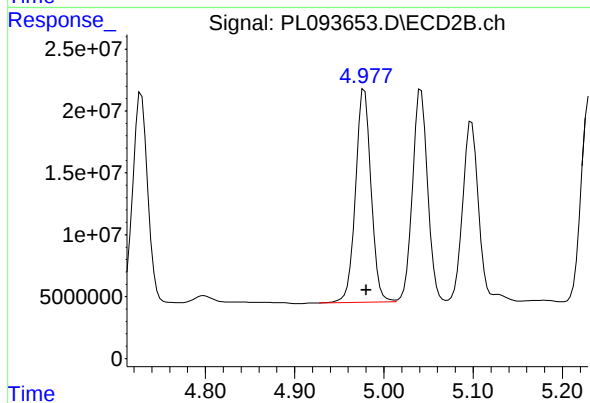
#9 Endosulfan I

R.T.: 5.097 min  
Delta R.T.: -0.003 min  
Response: 173627655  
Conc: 49.69 ng/ml



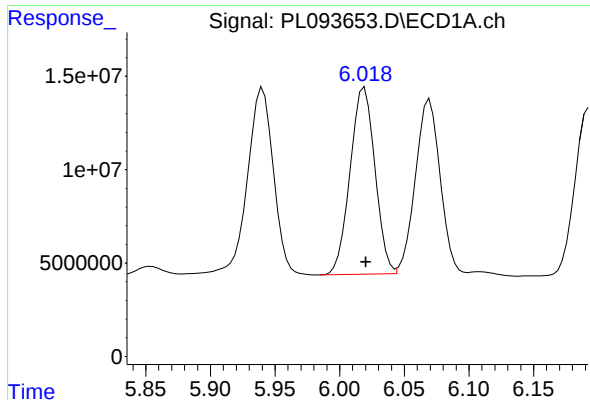
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 138954655  
Conc: 55.29 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min  
Delta R.T.: -0.004 min  
Response: 208417584  
Conc: 54.09 ng/ml



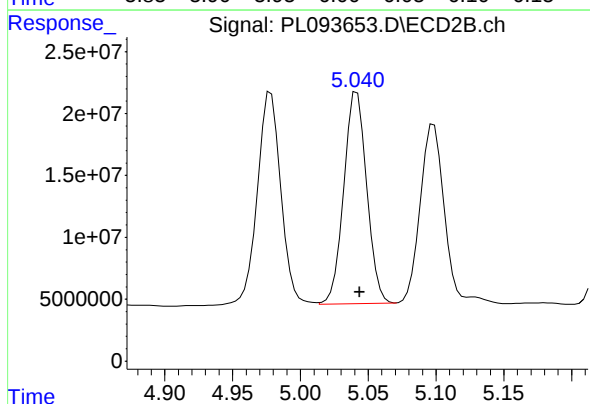
#11 alpha-Chlordane

R.T.: 6.019 min  
Delta R.T.: -0.001 min  
Response: 133681480  
Conc: 53.41 ng/ml

Instrument :  
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ClientSampleId :  
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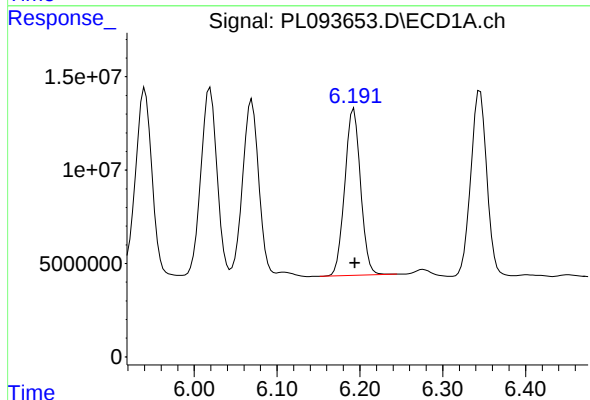
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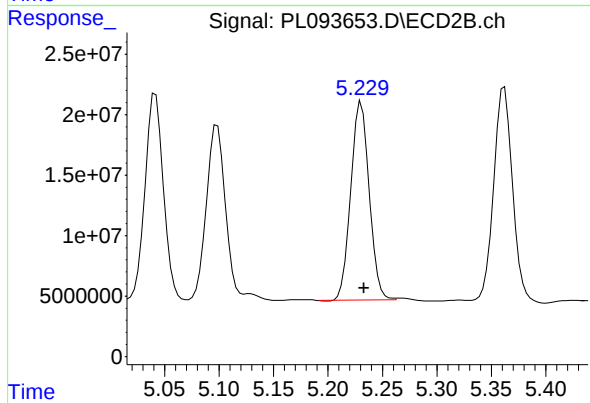
#11 alpha-Chlordane

R.T.: 5.042 min  
Delta R.T.: -0.002 min  
Response: 200683846  
Conc: 52.71 ng/ml



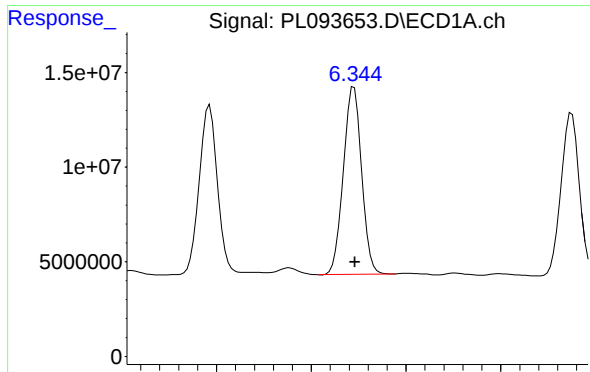
#12 4,4'-DDE

R.T.: 6.193 min  
Delta R.T.: -0.001 min  
Response: 118292277  
Conc: 52.72 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min  
Delta R.T.: -0.002 min  
Response: 192838068  
Conc: 52.44 ng/ml



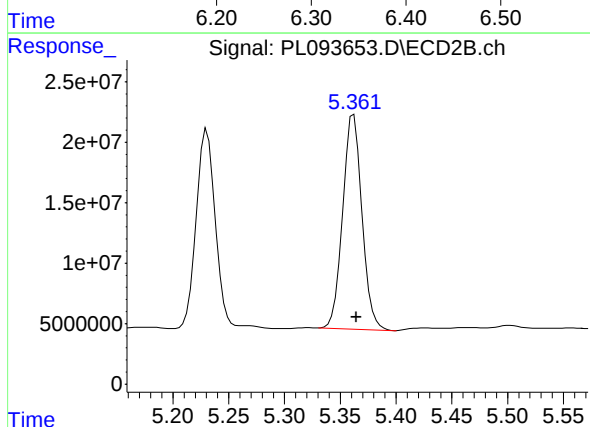
#13 Dieldrin

R.T.: 6.345 min  
Delta R.T.: -0.001 min  
Response: 132657486  
Conc: 53.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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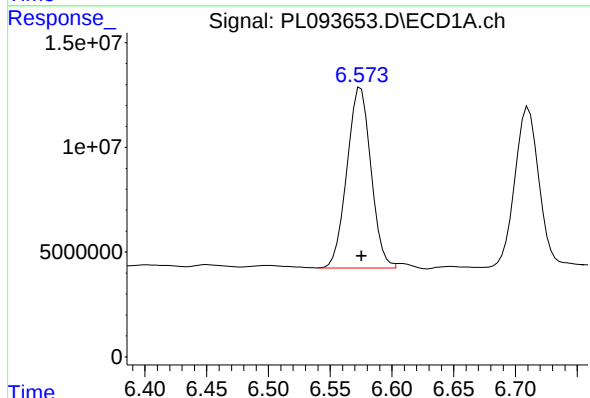
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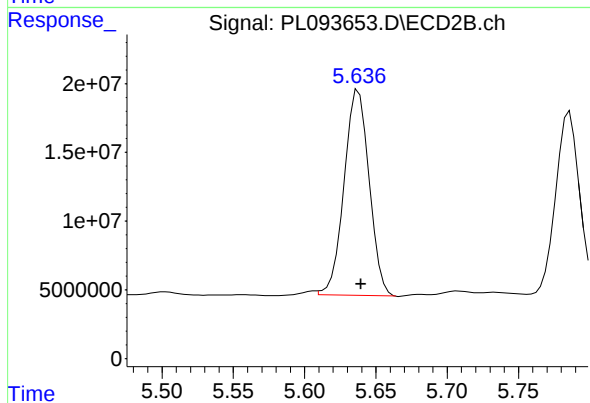
#13 Dieldrin

R.T.: 5.362 min  
Delta R.T.: -0.002 min  
Response: 213227466  
Conc: 55.33 ng/ml



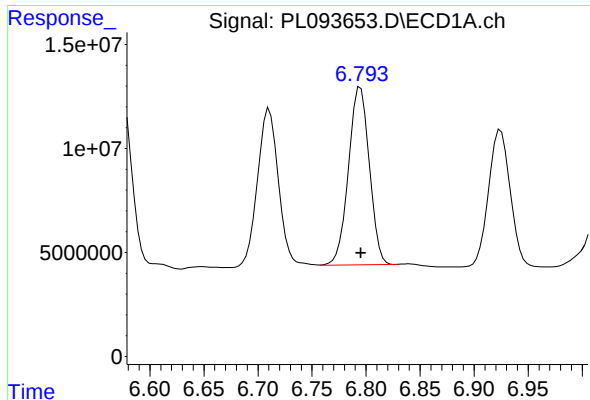
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: -0.002 min  
Response: 116823014  
Conc: 54.27 ng/ml m



#14 Endrin

R.T.: 5.636 min  
Delta R.T.: -0.003 min  
Response: 182270886  
Conc: 55.09 ng/ml m



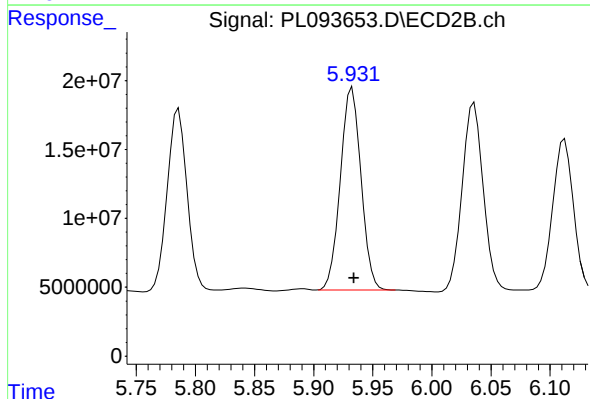
#15 Endosulfan II

R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 115099019  
Conc: 50.63 ng/ml

Instrument :  
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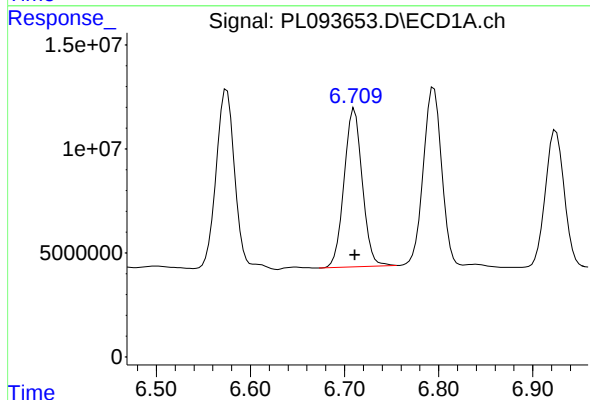
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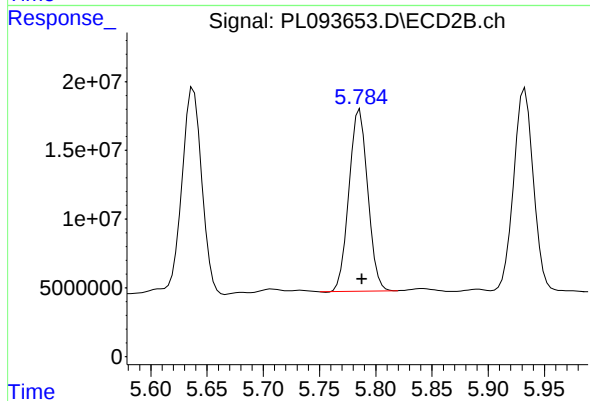
#15 Endosulfan II

R.T.: 5.933 min  
Delta R.T.: -0.002 min  
Response: 178649552  
Conc: 54.99 ng/ml



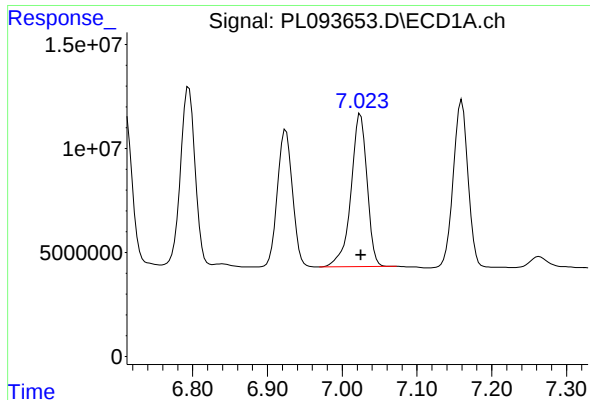
#16 4,4'-DDD

R.T.: 6.709 min  
Delta R.T.: -0.002 min  
Response: 102385571  
Conc: 58.31 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min  
Delta R.T.: -0.002 min  
Response: 153972099  
Conc: 54.40 ng/ml



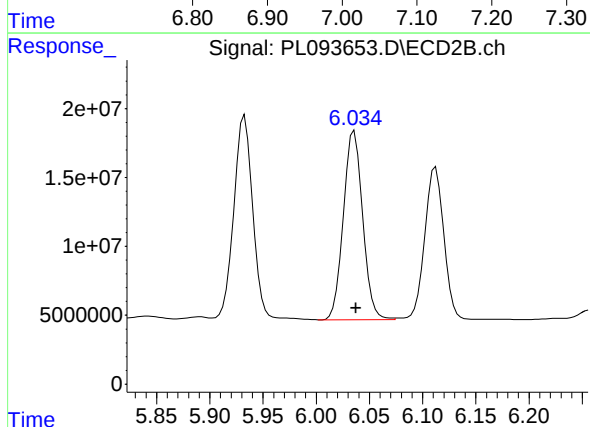
#17 4,4'-DDT

R.T.: 7.024 min  
Delta R.T.: 0.000 min  
Response: 109677839  
Conc: 59.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HACKENSACK-DGAMSD

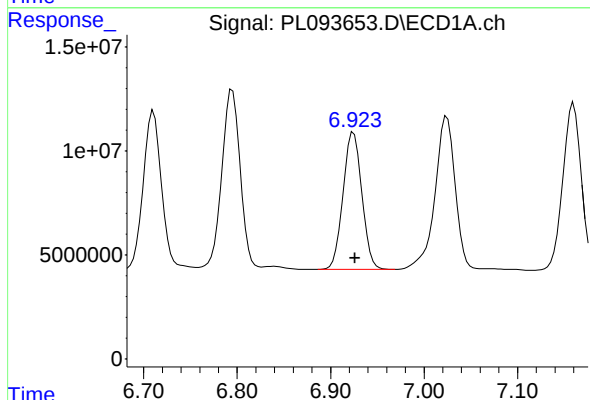
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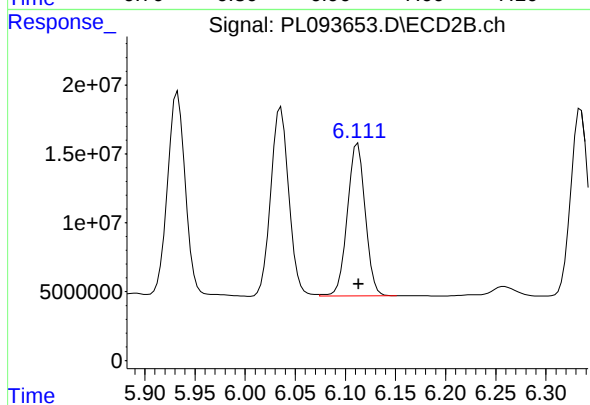
#17 4,4'-DDT

R.T.: 6.036 min  
Delta R.T.: -0.002 min  
Response: 171830079  
Conc: 56.89 ng/ml



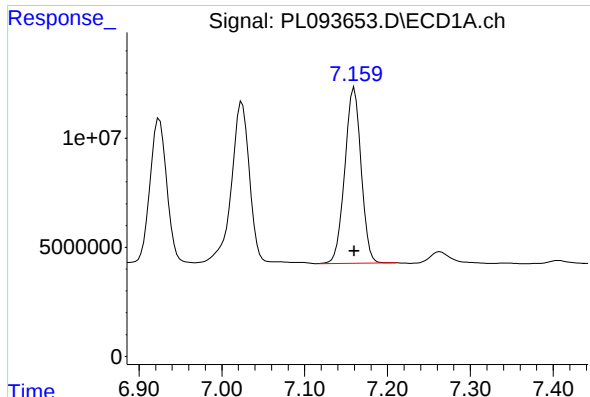
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: -0.001 min  
Response: 92316687  
Conc: 52.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min  
Delta R.T.: -0.001 min  
Response: 137824793  
Conc: 51.18 ng/ml



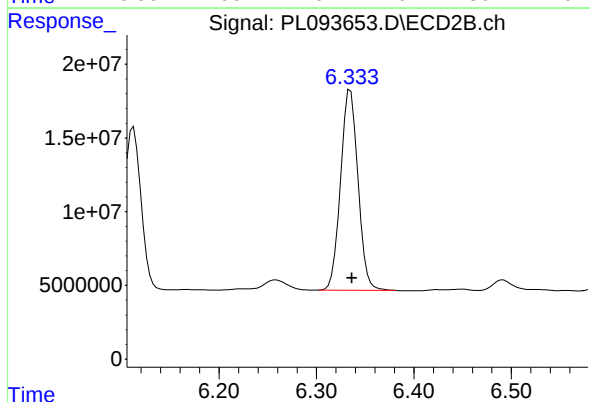
#19 Endosulfan Sulfate

R.T.: 7.160 min  
Delta R.T.: 0.000 min  
Response: 110514621  
Conc: 54.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HACKENSACK-DGAMSD

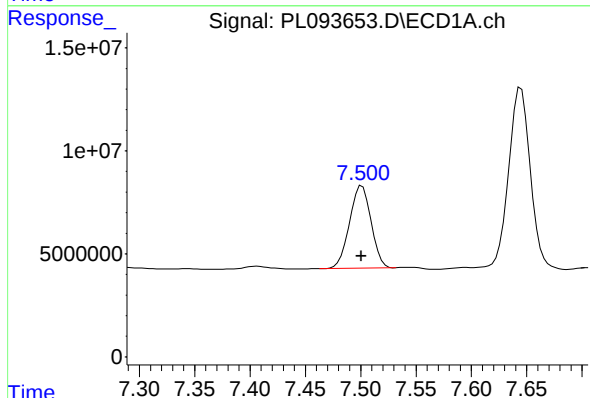
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/15/2025  
Supervised By :Ankita Jodhani 01/15/2025



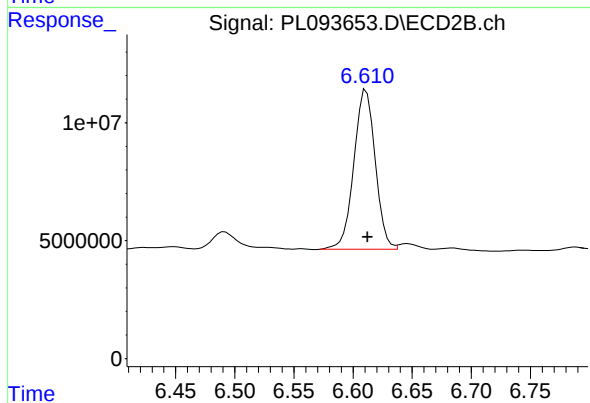
#19 Endosulfan Sulfate

R.T.: 6.335 min  
Delta R.T.: -0.002 min  
Response: 168976572  
Conc: 53.57 ng/ml



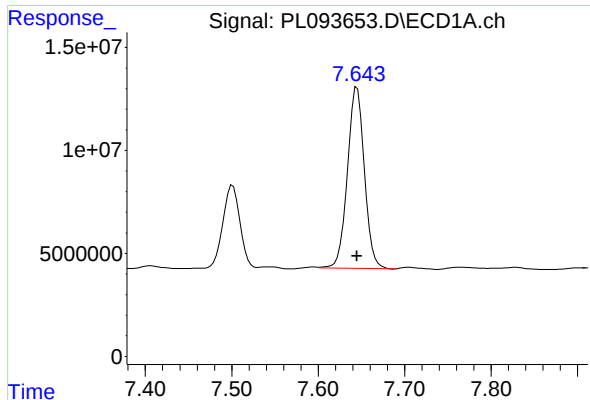
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 54342360  
Conc: 54.36 ng/ml



#20 Methoxychlor

R.T.: 6.611 min  
Delta R.T.: -0.001 min  
Response: 85208668  
Conc: 52.94 ng/ml



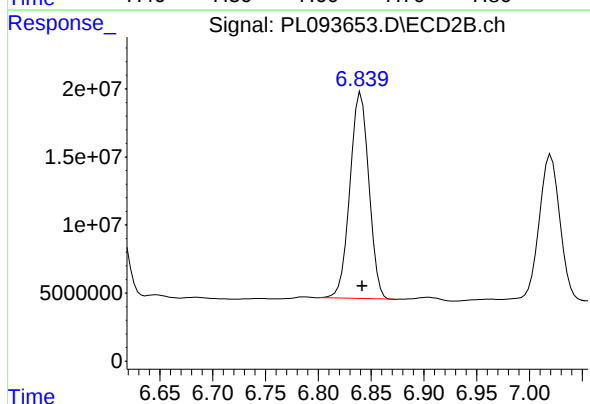
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: 0.000 min  
Response: 119423625  
Conc: 53.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HACKENSACK-DGAMSD

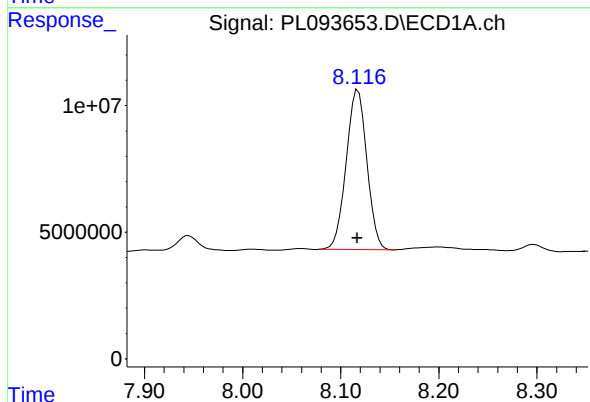
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/15/2025  
Supervised By :Ankita Jodhani 01/15/2025



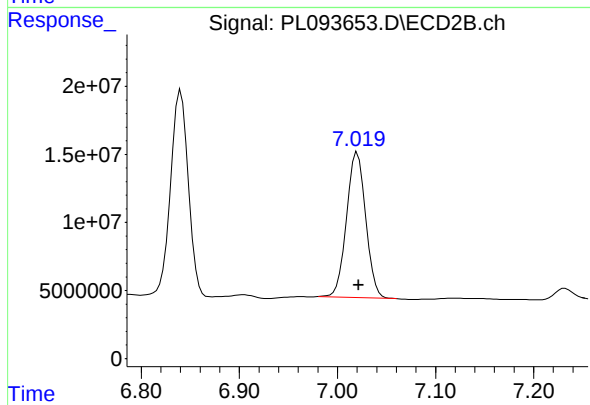
#21 Endrin ketone

R.T.: 6.840 min  
Delta R.T.: -0.001 min  
Response: 189266371  
Conc: 51.99 ng/ml



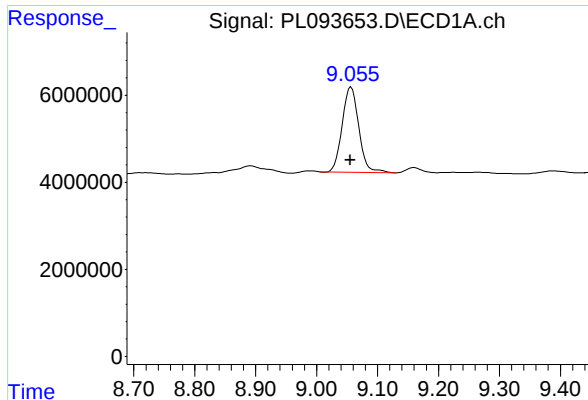
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.000 min  
Response: 92451548  
Conc: 49.47 ng/ml



#22 Mirex

R.T.: 7.020 min  
Delta R.T.: -0.001 min  
Response: 144717799  
Conc: 47.35 ng/ml



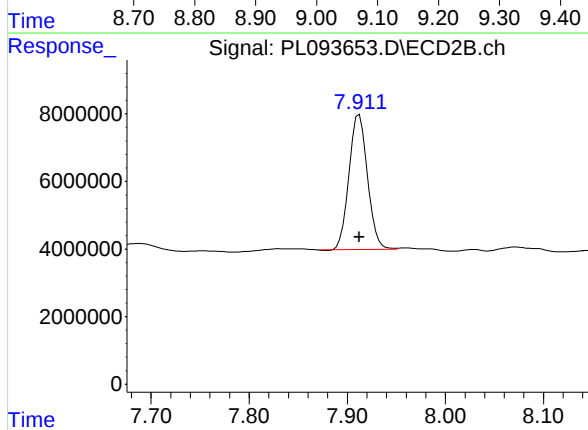
#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.000 min  
Response: 37113719  
Conc: 20.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HACKENSACK-DGAMSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/15/2025  
Supervised By :Ankita Jodhani 01/15/2025



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: 0.000 min  
Response: 52276006  
Conc: 17.51 ng/ml