

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102924\  
 Data File : PL092702.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Oct 2024 11:50  
 Operator : AR\AJ  
 Sample : P4578-06MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WB-305-BOTMSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/30/2024  
 Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 30 01:12:34 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 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... | 3.539 | 2.779 | 44037963 | 49951186 | 17.973m | 18.357  |
| 28)                         | SA Decachlor... | 9.053 | 7.915 | 30303124 | 43134949 | 15.746  | 15.805  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.996 | 3.281 | 152.8E6  | 187.0E6  | 45.060  | 46.869  |
| 3)                          | MA gamma-BHC... | 4.327 | 3.611 | 141.6E6  | 177.7E6  | 43.429m | 46.043  |
| 4)                          | MA Heptachlor   | 4.917 | 3.950 | 135.5E6  | 177.1E6  | 45.112  | 46.931  |
| 5)                          | MB Aldrin       | 5.257 | 4.230 | 127.1E6  | 169.7E6  | 42.358m | 46.357  |
| 6)                          | B beta-BHC      | 4.526 | 3.910 | 65623061 | 77148090 | 45.399  | 46.863  |
| 7)                          | B delta-BHC     | 4.773 | 4.139 | 149.3E6  | 175.2E6  | 47.698  | 45.591  |
| 8)                          | B Heptachlo...  | 5.684 | 4.732 | 120.2E6  | 154.6E6  | 43.524  | 46.268  |
| 9)                          | A Endosulfan I  | 6.070 | 5.102 | 111.4E6  | 143.2E6  | 44.545  | 46.892  |
| 10)                         | B gamma-Chl...  | 5.939 | 4.982 | 120.6E6  | 160.3E6  | 45.329m | 47.681  |
| 11)                         | B alpha-Chl...  | 6.019 | 5.046 | 120.8E6  | 158.9E6  | 45.603  | 47.767  |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.235 | 106.5E6  | 152.4E6  | 44.940  | 47.297  |
| 13)                         | MA Dieldrin     | 6.345 | 5.366 | 118.1E6  | 157.9E6  | 44.806  | 47.278  |
| 14)                         | MA Endrin       | 6.573 | 5.641 | 98565833 | 135.1E6  | 43.294m | 46.697  |
| 15)                         | B Endosulfa...  | 6.794 | 5.936 | 104.7E6  | 136.5E6  | 43.938  | 48.185  |
| 16)                         | A 4,4'-DDD      | 6.709 | 5.789 | 88486220 | 120.3E6  | 46.098  | 48.304  |
| 17)                         | MA 4,4'-DDT     | 7.023 | 6.039 | 95657230 | 124.0E6  | 46.217  | 46.226  |
| 18)                         | B Endrin al...  | 6.924 | 6.115 | 79416139 | 102.2E6  | 42.288  | 44.305  |
| 19)                         | B Endosulfa...  | 7.158 | 6.338 | 96867761 | 127.3E6  | 44.632  | 47.208  |
| 20)                         | A Methoxychlor  | 7.498 | 6.614 | 49721767 | 64973570 | 43.616  | 45.499  |
| 21)                         | B Endrin ke...  | 7.643 | 6.843 | 109.8E6  | 146.8E6  | 45.304  | 47.848  |
| 22)                         | Mirex           | 8.116 | 7.022 | 85444548 | 115.0E6  | 43.117  | 44.062m |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102924\  
Data File : PL092702.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Oct 2024 11:50  
Operator : AR\AJ  
Sample : P4578-06MSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

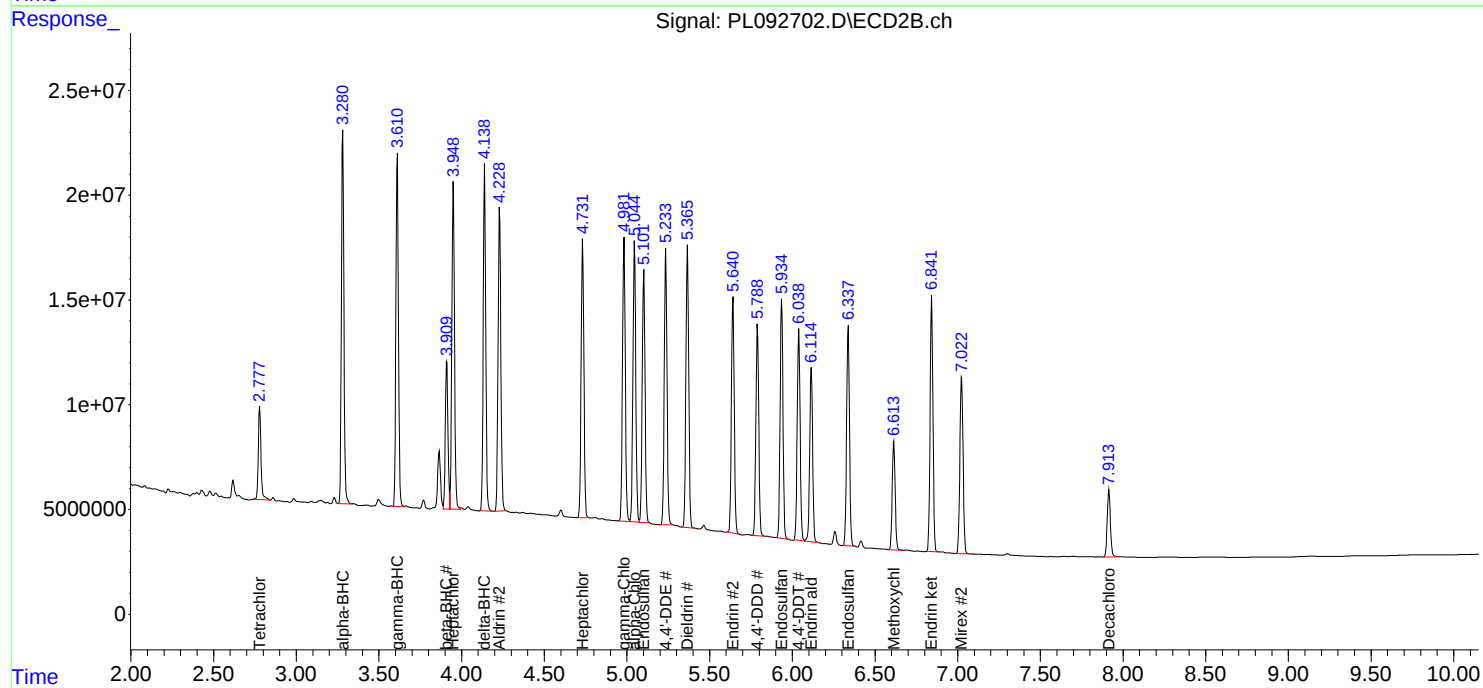
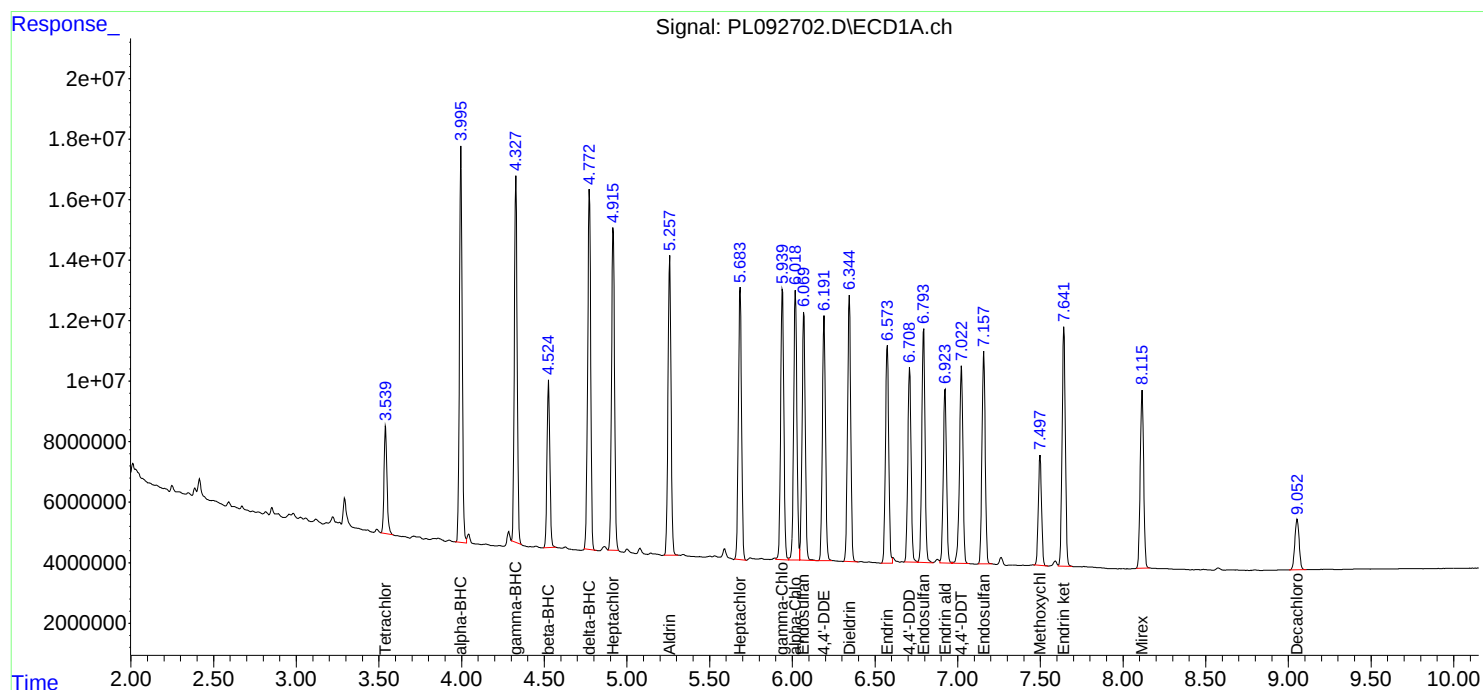
Instrument :  
ECD\_L  
ClientSampleId :  
WB-305-BOTMSD

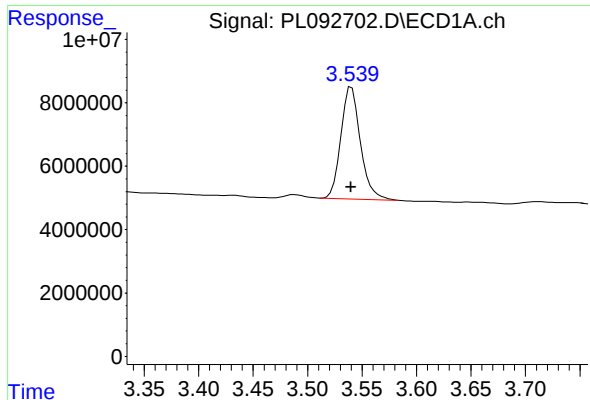
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 01:12:34 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
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





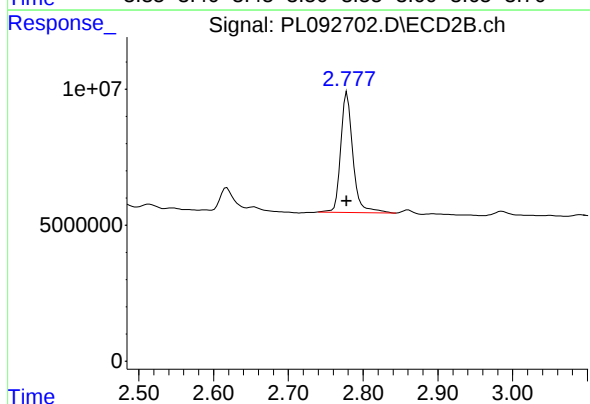
#1 Tetrachloro-m-xylene

R.T.: 3.539 min  
Delta R.T.: -0.001 min  
Response: 44037963  
Conc: 17.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WB-305-BOTMSD

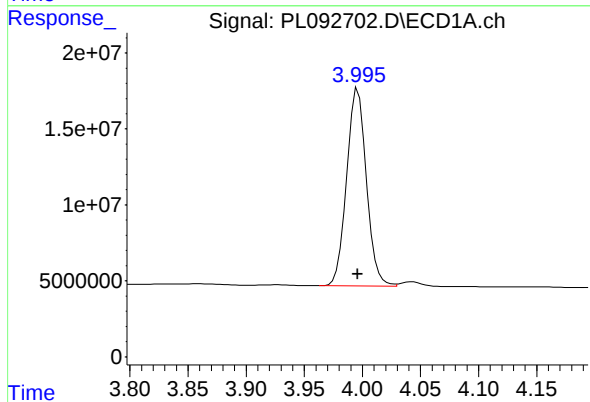
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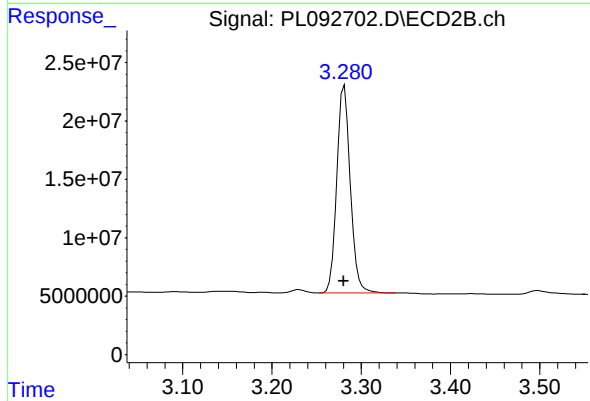
#1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: 0.000 min  
Response: 49951186  
Conc: 18.36 ng/ml



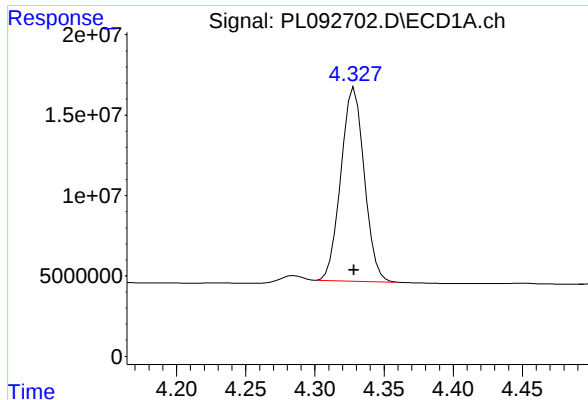
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: 0.000 min  
Response: 152822564  
Conc: 45.06 ng/ml



#2 alpha-BHC

R.T.: 3.281 min  
Delta R.T.: 0.000 min  
Response: 187013664  
Conc: 46.87 ng/ml



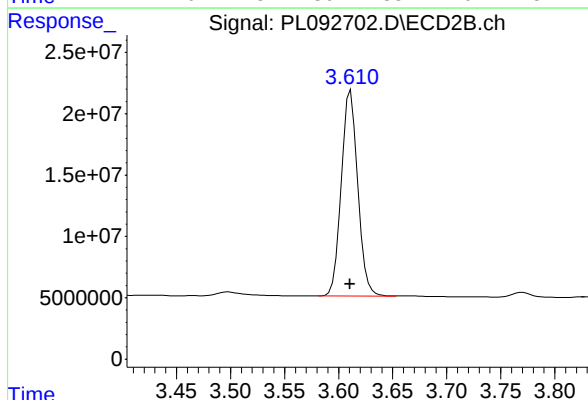
#3 gamma-BHC (Lindane)

R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 141559557  
Conc: 43.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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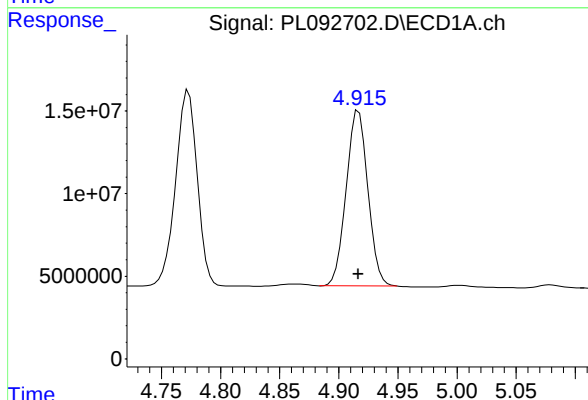
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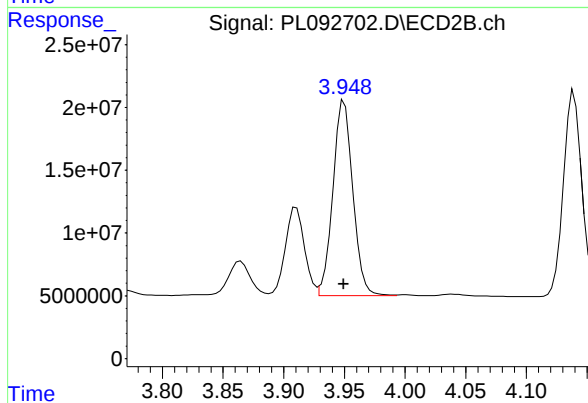
#3 gamma-BHC (Lindane)

R.T.: 3.611 min  
Delta R.T.: 0.000 min  
Response: 177702399  
Conc: 46.04 ng/ml



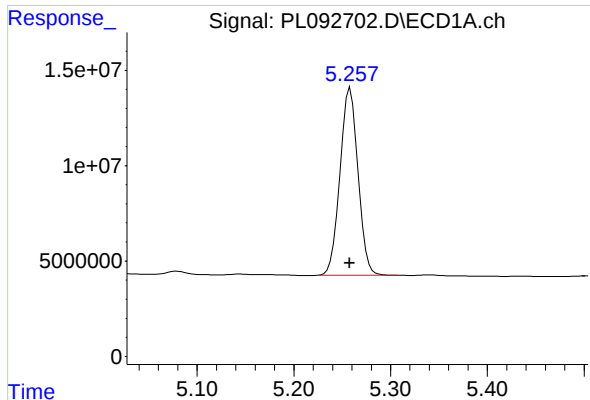
#4 Heptachlor

R.T.: 4.917 min  
Delta R.T.: 0.000 min  
Response: 135475464  
Conc: 45.11 ng/ml



#4 Heptachlor

R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 177113442  
Conc: 46.93 ng/ml



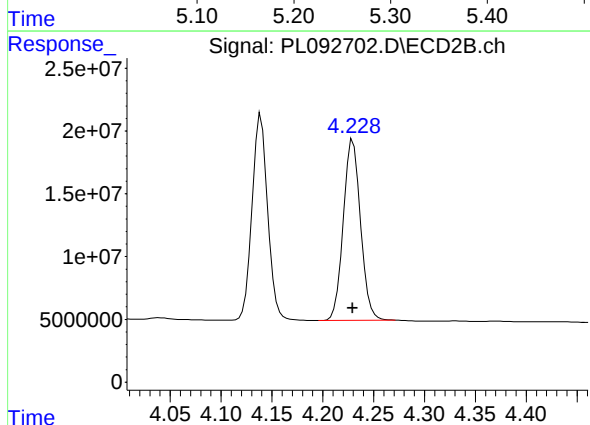
#5 Aldrin

R.T.: 5.257 min  
Delta R.T.: 0.000 min  
Response: 127135589  
Conc: 42.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WB-305-BOTMSD

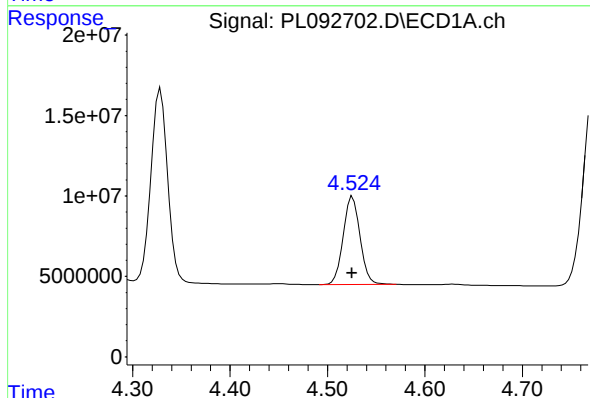
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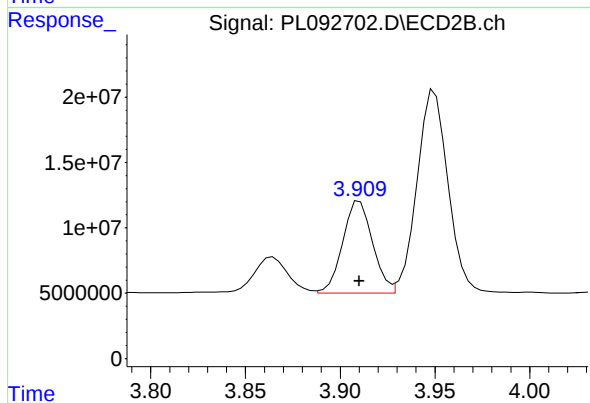
#5 Aldrin

R.T.: 4.230 min  
Delta R.T.: 0.000 min  
Response: 169677399  
Conc: 46.36 ng/ml



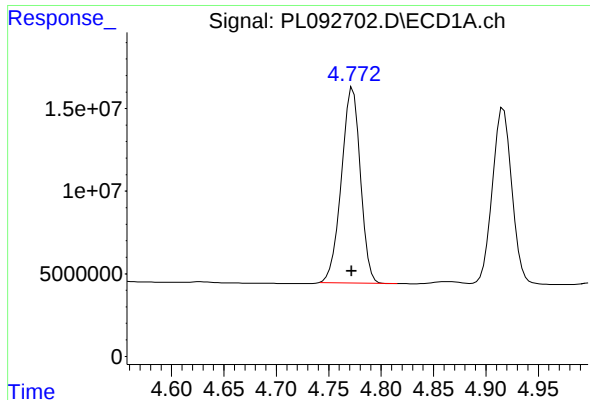
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 65623061  
Conc: 45.40 ng/ml



#6 beta-BHC

R.T.: 3.910 min  
Delta R.T.: 0.000 min  
Response: 77148090  
Conc: 46.86 ng/ml



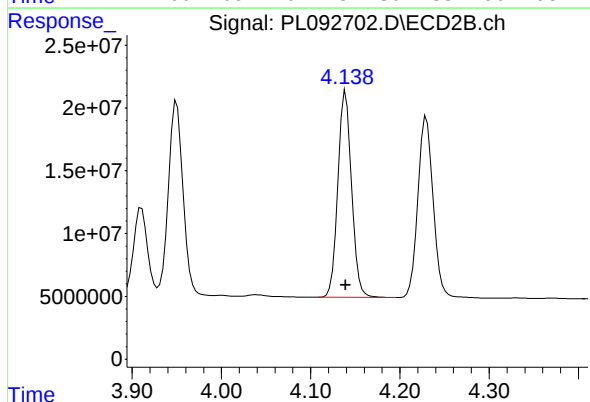
#7 delta-BHC

R.T.: 4.773 min  
Delta R.T.: 0.000 min  
Response: 149287286  
Conc: 47.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WB-305-BOTMSD

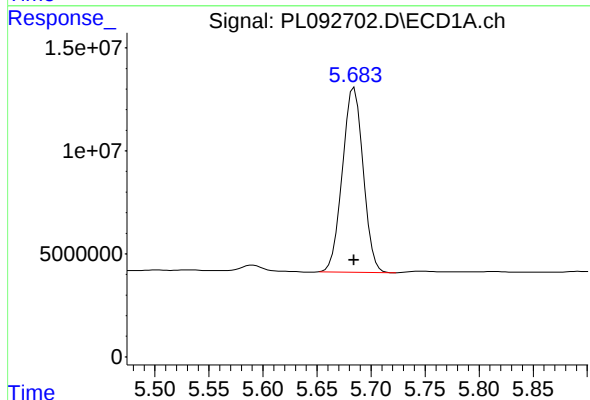
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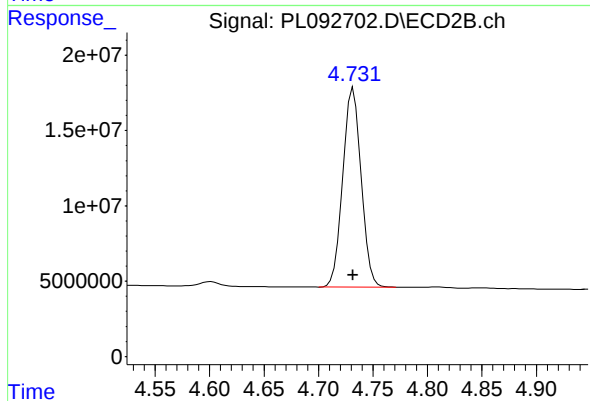
#7 delta-BHC

R.T.: 4.139 min  
Delta R.T.: 0.000 min  
Response: 175213566  
Conc: 45.59 ng/ml



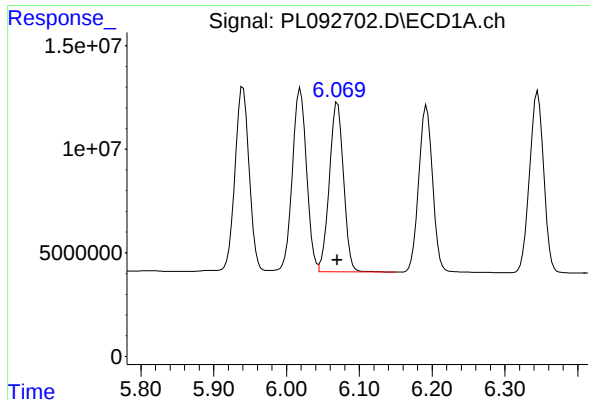
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: 0.000 min  
Response: 120187443  
Conc: 43.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.732 min  
Delta R.T.: 0.000 min  
Response: 154599875  
Conc: 46.27 ng/ml



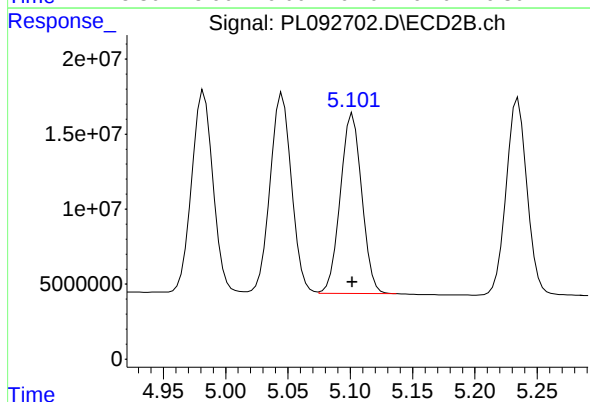
#9 Endosulfan I

R.T.: 6.070 min  
Delta R.T.: 0.000 min  
Response: 111424210  
Conc: 44.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WB-305-BOTMSD

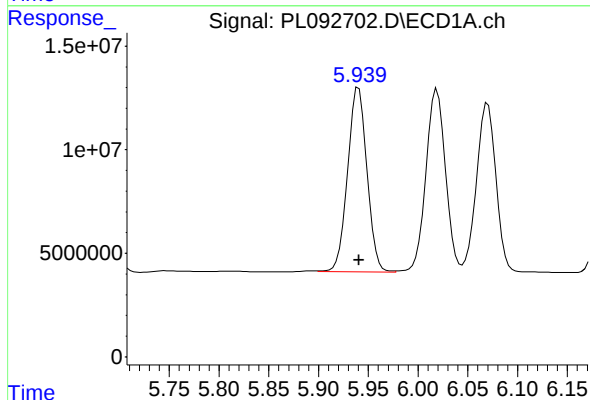
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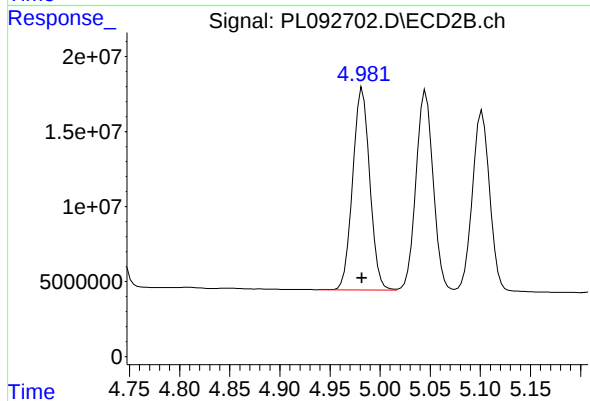
#9 Endosulfan I

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 143166386  
Conc: 46.89 ng/ml



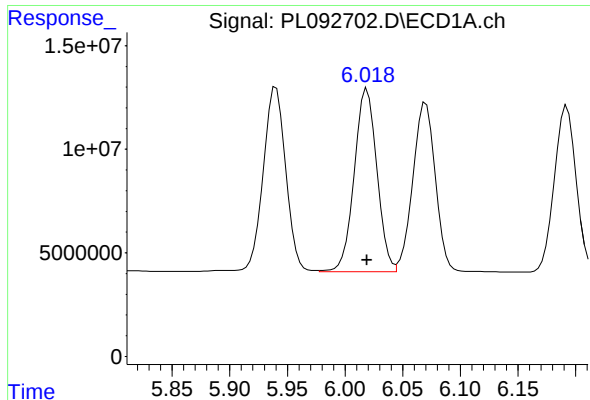
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 120604787  
Conc: 45.33 ng/ml m



#10 gamma-Chlordane

R.T.: 4.982 min  
Delta R.T.: 0.000 min  
Response: 160287790  
Conc: 47.68 ng/ml



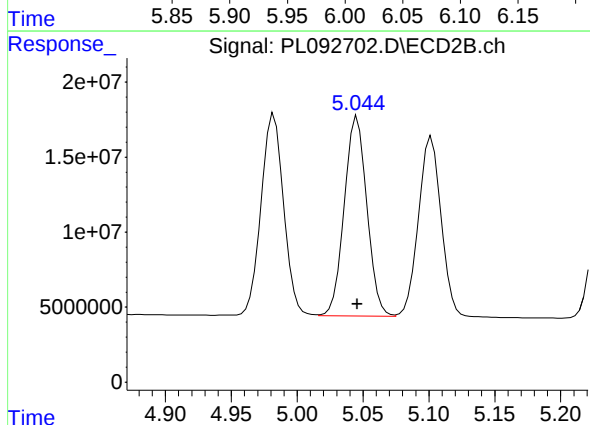
#11 alpha-Chlordane

R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 120763642  
Conc: 45.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WB-305-BOTMSD

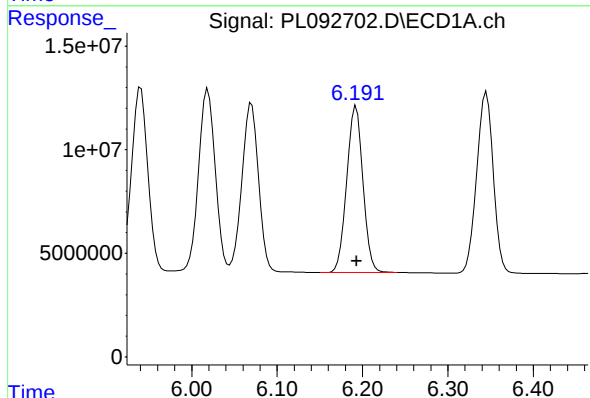
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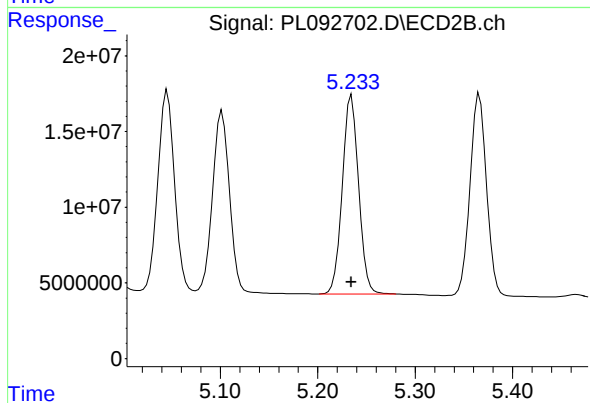
#11 alpha-Chlordane

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 158874391  
Conc: 47.77 ng/ml



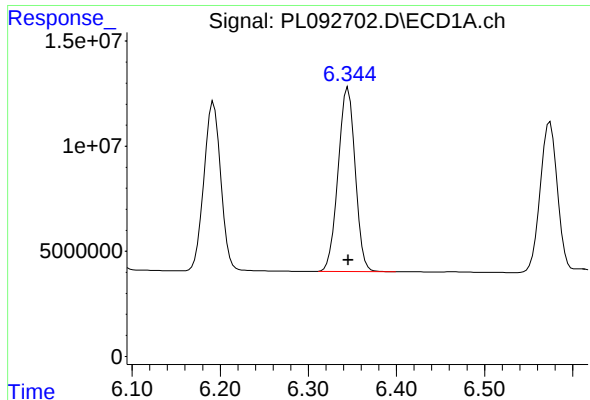
#12 4,4'-DDE

R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 106470475  
Conc: 44.94 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min  
Delta R.T.: 0.000 min  
Response: 152372622  
Conc: 47.30 ng/ml



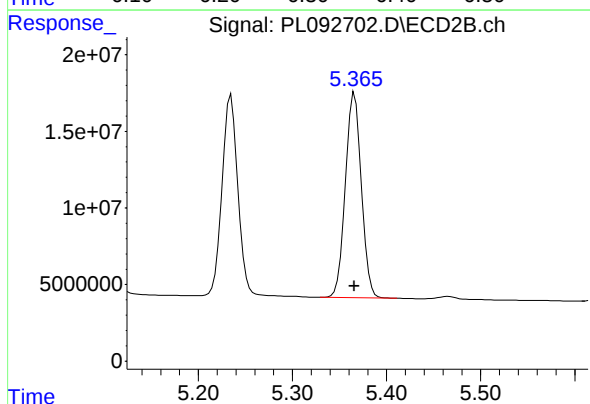
#13 Dieldrin

R.T.: 6.345 min  
Delta R.T.: 0.000 min  
Response: 118085701  
Conc: 44.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WB-305-BOTMSD

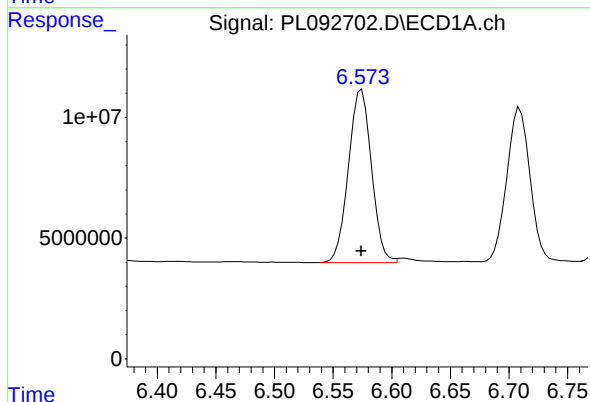
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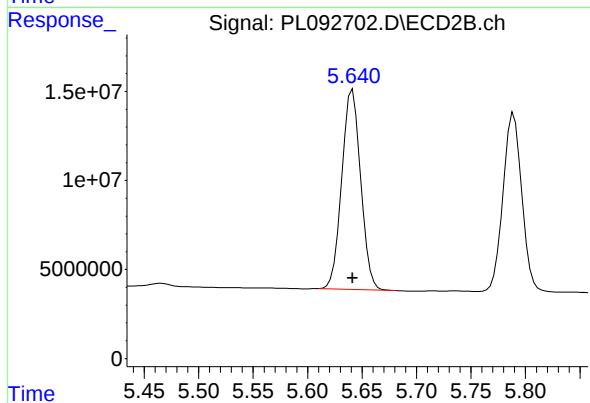
#13 Dieldrin

R.T.: 5.366 min  
Delta R.T.: 0.000 min  
Response: 157923703  
Conc: 47.28 ng/ml



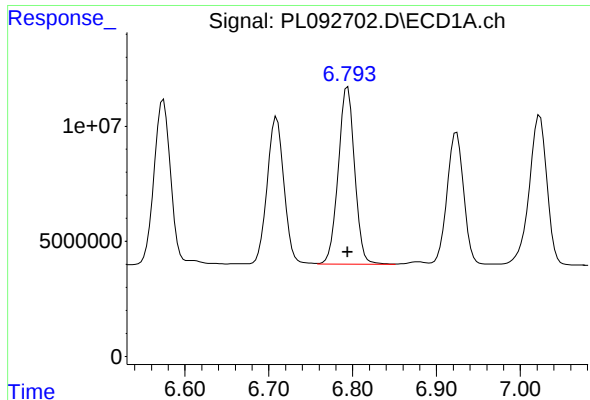
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: -0.001 min  
Response: 98565833  
Conc: 43.29 ng/ml m



#14 Endrin

R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 135093697  
Conc: 46.70 ng/ml



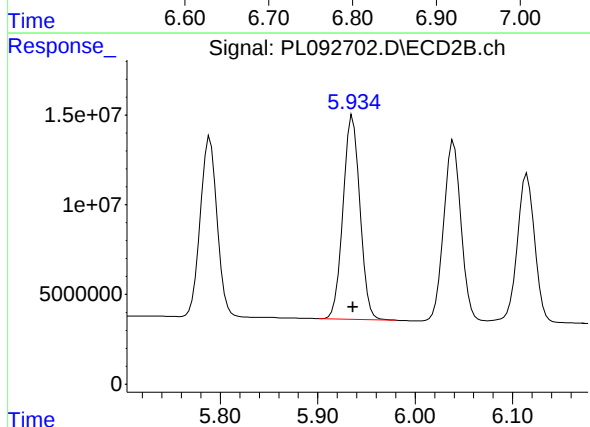
#15 Endosulfan II

R.T.: 6.794 min  
Delta R.T.: 0.000 min  
Response: 104740358  
Conc: 43.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WB-305-BOTMSD

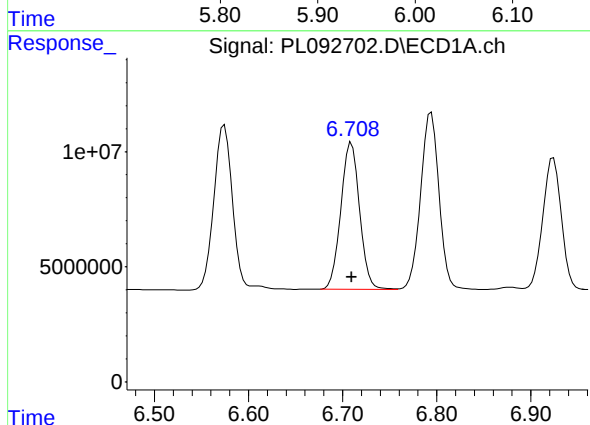
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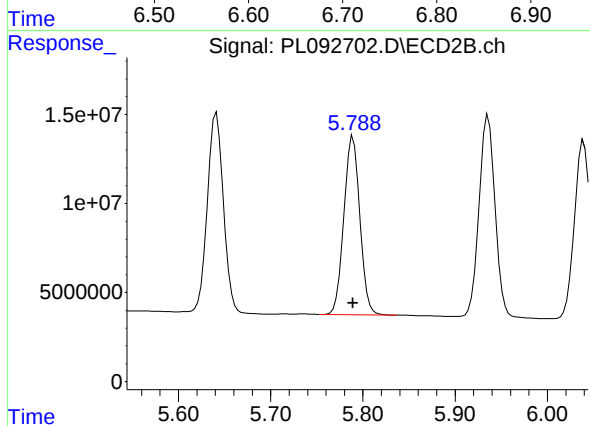
#15 Endosulfan II

R.T.: 5.936 min  
Delta R.T.: 0.000 min  
Response: 136522614  
Conc: 48.19 ng/ml



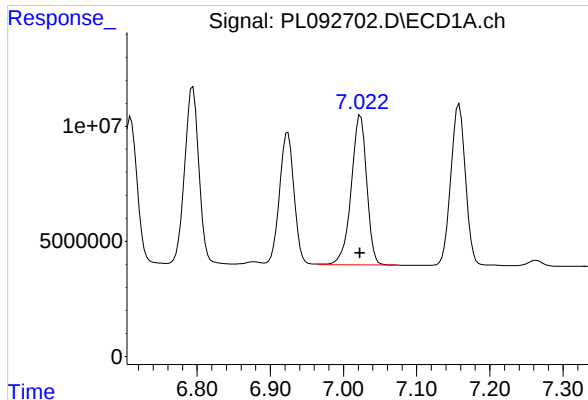
#16 4,4'-DDD

R.T.: 6.709 min  
Delta R.T.: 0.000 min  
Response: 88486220  
Conc: 46.10 ng/ml



#16 4,4'-DDD

R.T.: 5.789 min  
Delta R.T.: 0.000 min  
Response: 120280756  
Conc: 48.30 ng/ml



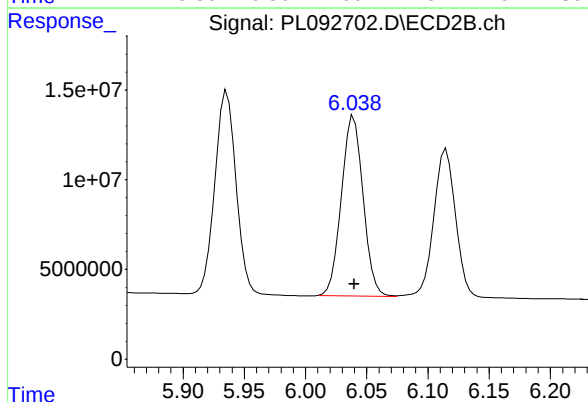
#17 4,4'-DDT

R.T.: 7.023 min  
Delta R.T.: 0.000 min  
Response: 95657230  
Conc: 46.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WB-305-BOTMSD

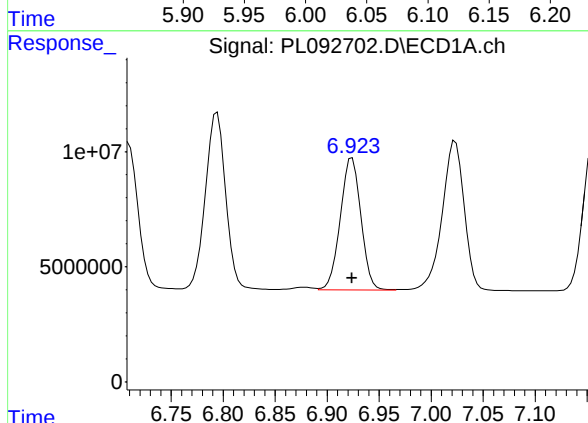
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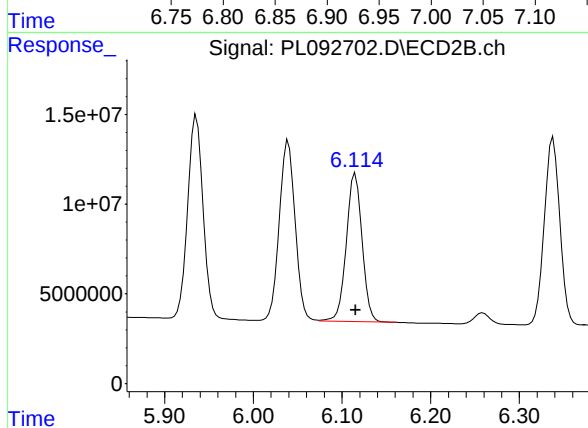
#17 4,4'-DDT

R.T.: 6.039 min  
Delta R.T.: 0.000 min  
Response: 123989621  
Conc: 46.23 ng/ml



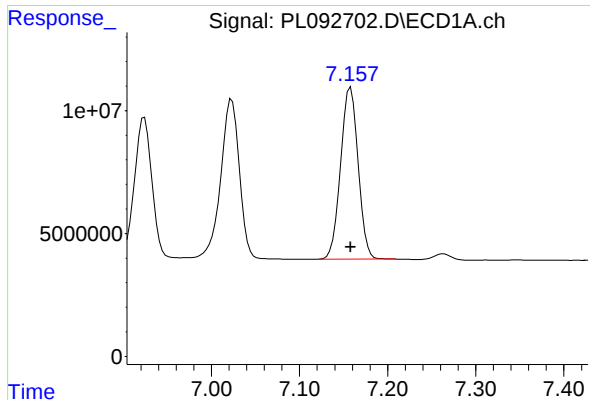
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 79416139  
Conc: 42.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 102223946  
Conc: 44.30 ng/ml



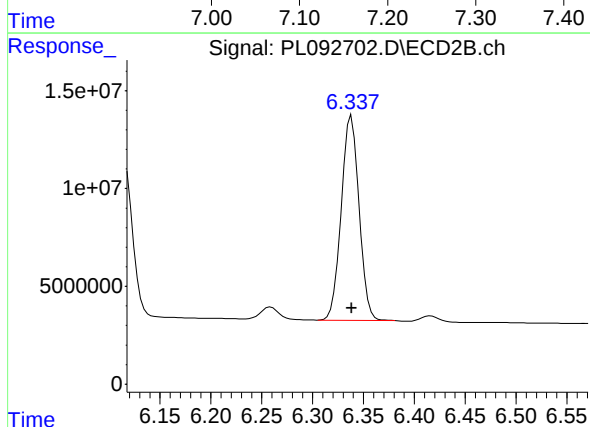
#19 Endosulfan Sulfate

R.T.: 7.158 min  
Delta R.T.: 0.000 min  
Response: 96867761  
Conc: 44.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WB-305-BOTMSD

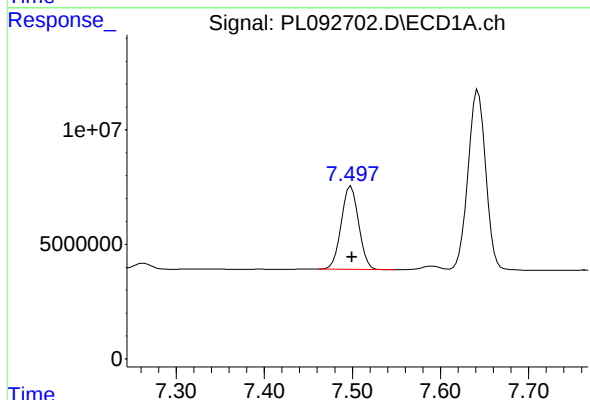
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/30/2024  
Supervised By :Ankita Jodhani 11/04/2024



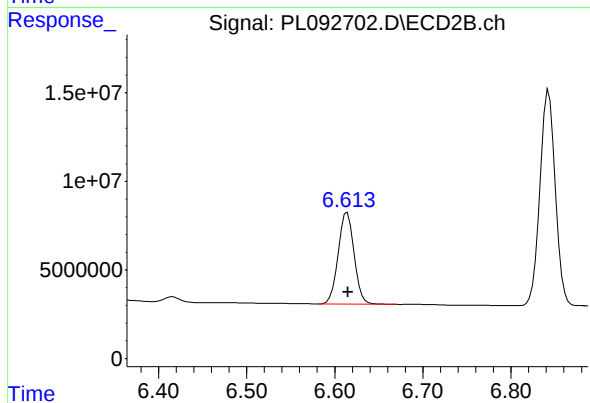
#19 Endosulfan Sulfate

R.T.: 6.338 min  
Delta R.T.: 0.000 min  
Response: 127314522  
Conc: 47.21 ng/ml



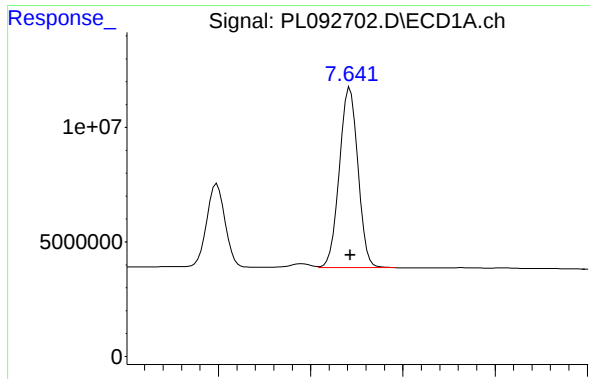
#20 Methoxychlor

R.T.: 7.498 min  
Delta R.T.: -0.001 min  
Response: 49721767  
Conc: 43.62 ng/ml



#20 Methoxychlor

R.T.: 6.614 min  
Delta R.T.: 0.000 min  
Response: 64973570  
Conc: 45.50 ng/ml



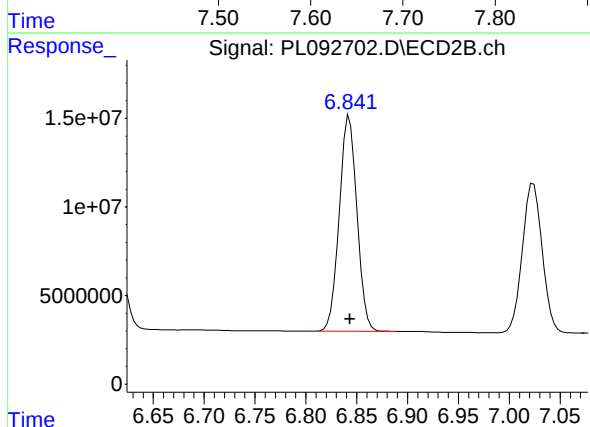
#21 Endrin ketone

R.T.: 7.643 min  
Delta R.T.: 0.000 min  
Response: 109762905  
Conc: 45.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WB-305-BOTMSD

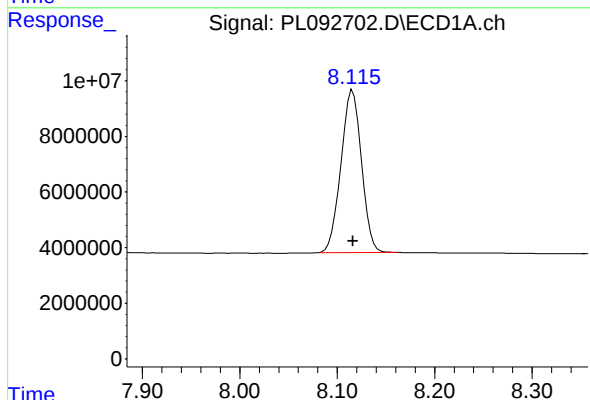
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/30/2024  
Supervised By :Ankita Jodhani 11/04/2024



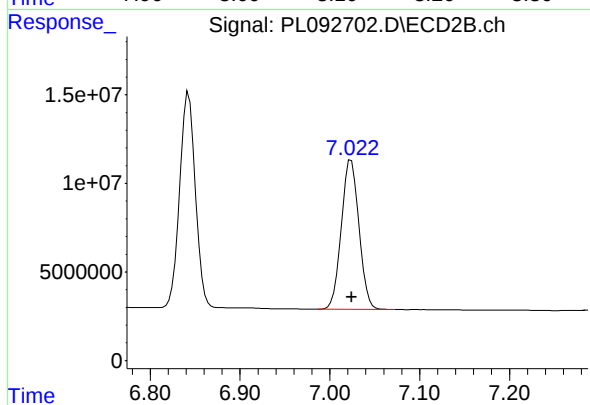
#21 Endrin ketone

R.T.: 6.843 min  
Delta R.T.: 0.000 min  
Response: 146836257  
Conc: 47.85 ng/ml



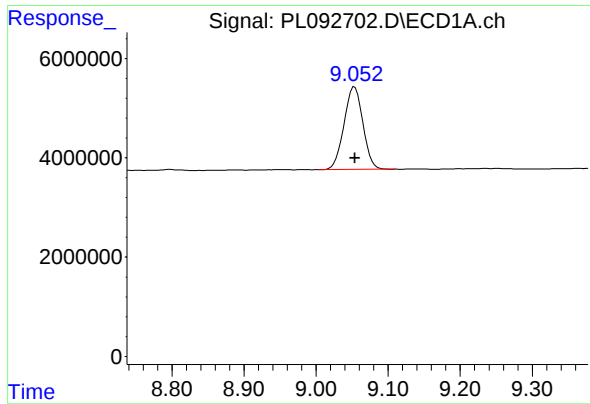
#22 Mirex

R.T.: 8.116 min  
Delta R.T.: 0.000 min  
Response: 85444548  
Conc: 43.12 ng/ml



#22 Mirex

R.T.: 7.022 min  
Delta R.T.: -0.002 min  
Response: 114960654  
Conc: 44.06 ng/ml m



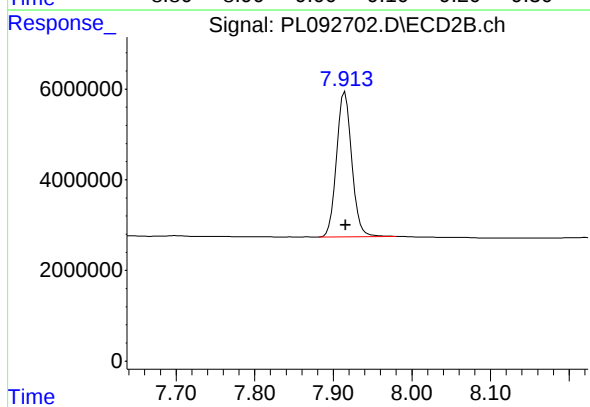
#28 Decachlorobiphenyl

R.T.: 9.053 min  
Delta R.T.: 0.000 min  
Response: 30303124  
Conc: 15.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WB-305-BOTMSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/30/2024  
Supervised By :Ankita Jodhani 11/04/2024



#28 Decachlorobiphenyl

R.T.: 7.915 min  
Delta R.T.: 0.000 min  
Response: 43134949  
Conc: 15.80 ng/ml