

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110524\  
 Data File : PL092856.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Nov 2024 16:43  
 Operator : AR\AJ  
 Sample : P4697-01MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-1MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 11/06/2024  
 Supervised By :Ankita Jodhani 11/06/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 06 01:31:29 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...          | 3.541 | 2.779 | 51275490 | 50707592 | 20.927m | 18.635  |
| 28) SA Decachlor...         | 9.058 | 7.917 | 31257206 | 41536734 | 16.241  | 15.219  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.998 | 3.282 | 135.0E6  | 169.0E6  | 39.793  | 42.347  |
| 3) MA gamma-BHC...          | 4.329 | 3.612 | 131.7E6  | 166.9E6  | 40.400m | 43.236  |
| 4) MA Heptachlor            | 4.919 | 3.951 | 131.6E6  | 182.1E6  | 43.825  | 48.263  |
| 5) MB Aldrin                | 5.260 | 4.230 | 126.9E6  | 174.8E6  | 42.293  | 47.761  |
| 6) B beta-BHC               | 4.528 | 3.911 | 66852201 | 80573324 | 46.250  | 48.944  |
| 7) B delta-BHC              | 4.774 | 4.140 | 36800923 | 40093568 | 11.758  | 10.432  |
| 8) B Heptachlo...           | 5.687 | 4.733 | 118.6E6  | 162.0E6  | 42.931  | 48.481  |
| 9) A Endosulfan I           | 6.072 | 5.103 | 106.5E6  | 145.6E6  | 42.567  | 47.677  |
| 10) B gamma-Chl...          | 5.942 | 4.982 | 115.6E6  | 169.0E6  | 43.436  | 50.277  |
| 11) B alpha-Chl...          | 6.022 | 5.046 | 113.7E6  | 164.1E6  | 42.922  | 49.327  |
| 12) B 4,4'-DDE              | 6.195 | 5.235 | 105.5E6  | 163.6E6  | 44.539  | 50.771  |
| 13) MA Dieldrin             | 6.347 | 5.367 | 113.1E6  | 164.1E6  | 42.900  | 49.116  |
| 14) MA Endrin               | 6.577 | 5.642 | 93859618 | 140.8E6  | 41.227  | 48.684  |
| 15) B Endosulfa...          | 6.797 | 5.937 | 101.2E6  | 136.6E6  | 42.472  | 48.208  |
| 16) A 4,4'-DDD              | 6.712 | 5.788 | 87129256 | 123.8E6  | 45.391  | 49.730m |
| 17) MA 4,4'-DDT             | 7.026 | 6.040 | 85171276 | 117.3E6  | 41.150  | 43.738  |
| 18) B Endrin al...          | 6.926 | 6.116 | 78798504 | 101.9E6  | 41.959  | 44.161  |
| 19) B Endosulfa...          | 7.161 | 6.339 | 75657409 | 100.5E6  | 34.860  | 37.266  |
| 20) A Methoxychlor          | 7.502 | 6.615 | 45585951 | 60557903 | 39.988  | 42.407  |
| 21) B Endrin ke...          | 7.646 | 6.844 | 103.0E6  | 136.1E6  | 42.506  | 44.347  |
| 22) Mirex                   | 8.119 | 7.025 | 79110660 | 115.3E6  | 39.921  | 44.185  |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110524\  
Data File : PL092856.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Nov 2024 16:43  
Operator : AR\AJ  
Sample : P4697-01MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

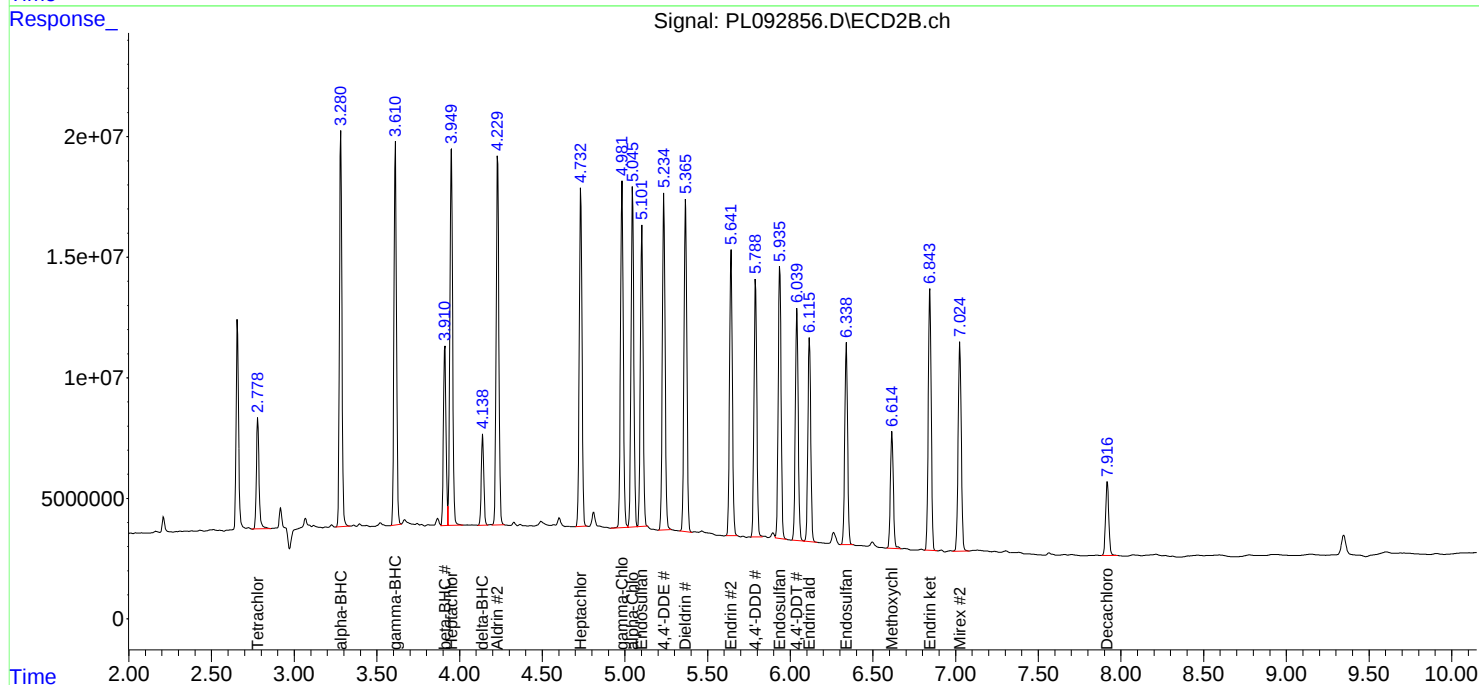
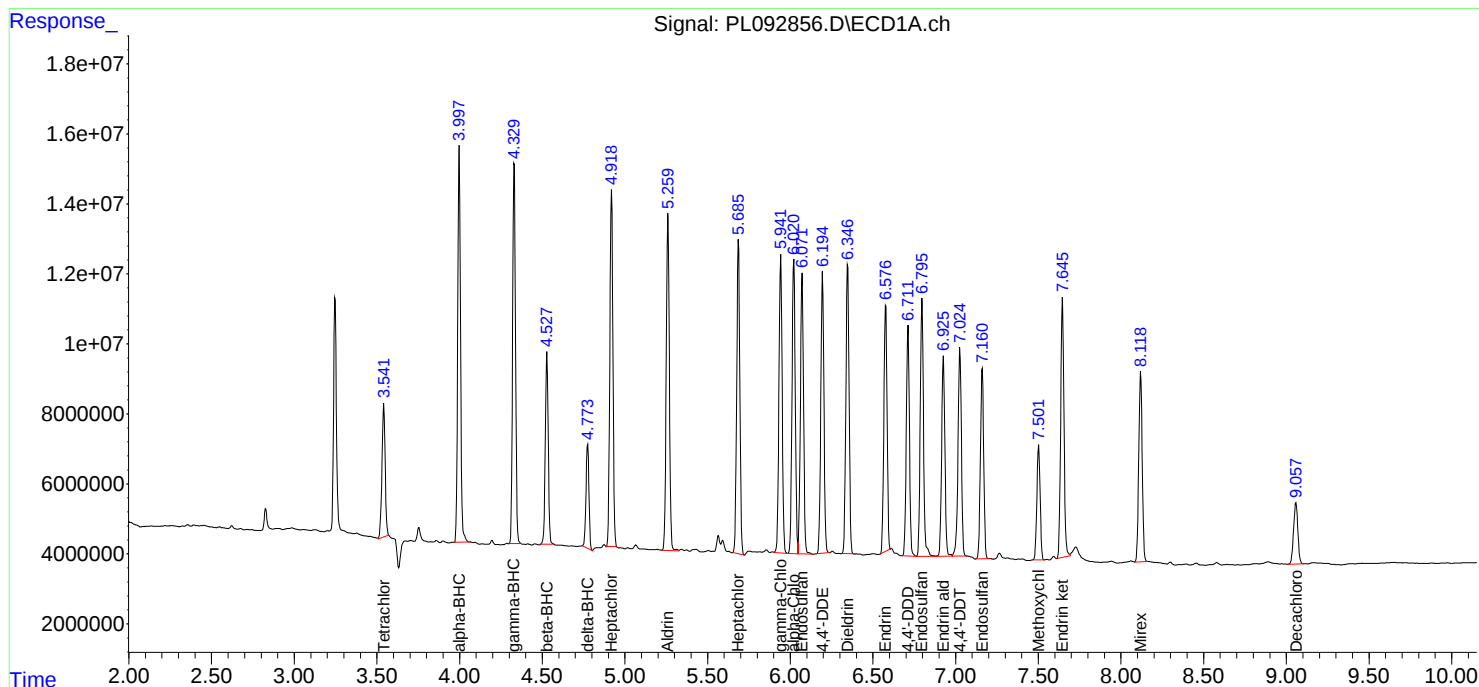
Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

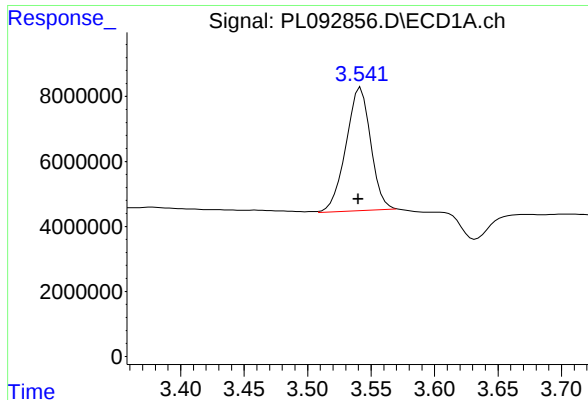
Manual Integrations  
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Supervised By :Ankita Jodhani 11/06/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 06 01:31:29 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





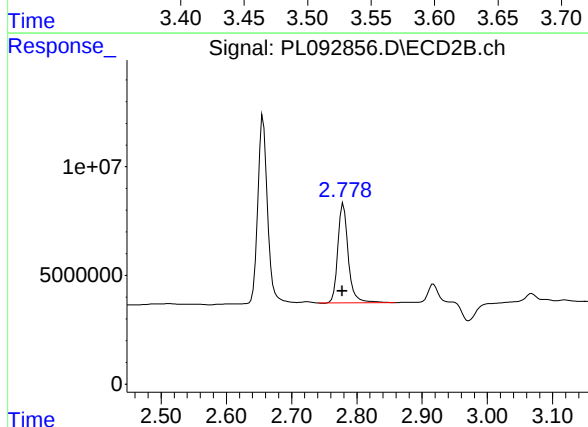
#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: 0.000 min  
Response: 51275490  
Conc: 20.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

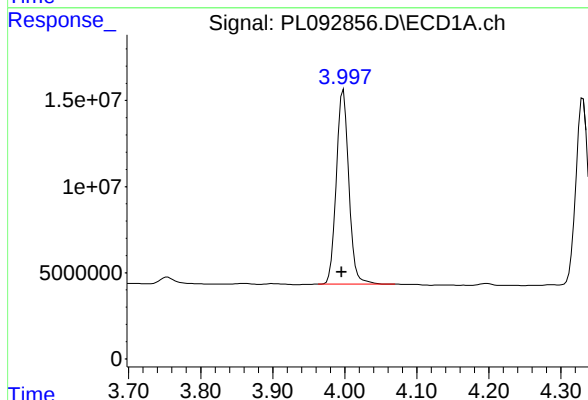
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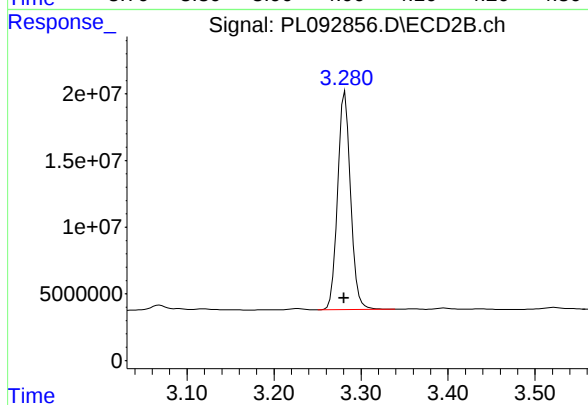
#1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: 0.002 min  
Response: 50707592  
Conc: 18.63 ng/ml



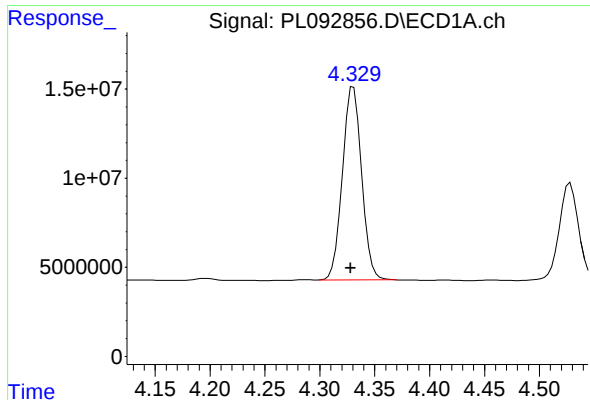
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.002 min  
Response: 134961987  
Conc: 39.79 ng/ml



#2 alpha-BHC

R.T.: 3.282 min  
Delta R.T.: 0.001 min  
Response: 168970002  
Conc: 42.35 ng/ml



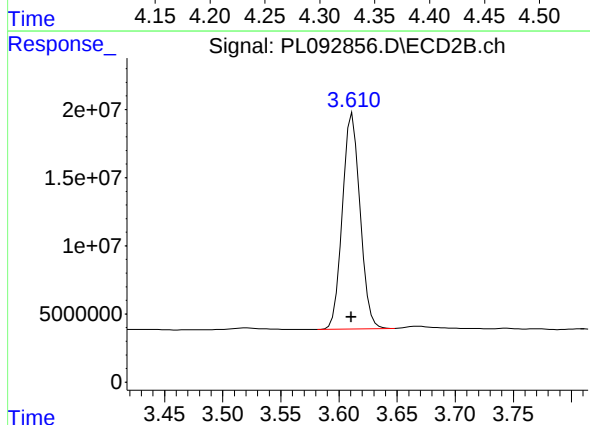
#3 gamma-BHC (Lindane)

R.T.: 4.329 min  
Delta R.T.: 0.001 min  
Response: 131686916  
Conc: 40.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

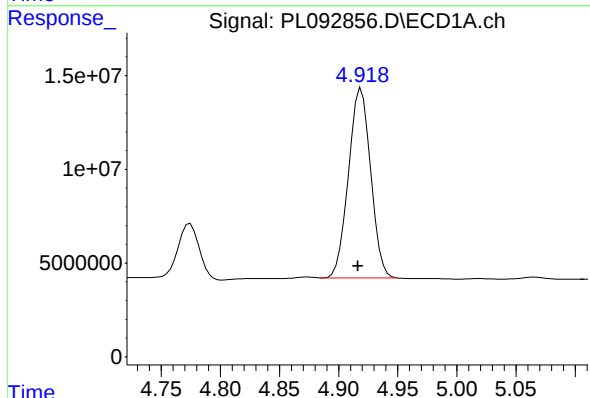
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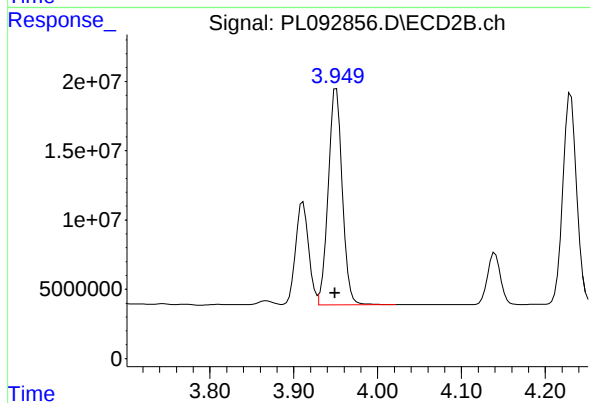
#3 gamma-BHC (Lindane)

R.T.: 3.612 min  
Delta R.T.: 0.001 min  
Response: 166867727  
Conc: 43.24 ng/ml



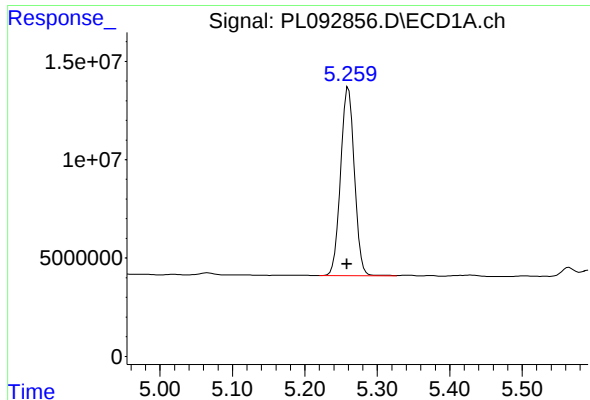
#4 Heptachlor

R.T.: 4.919 min  
Delta R.T.: 0.003 min  
Response: 131611292  
Conc: 43.82 ng/ml



#4 Heptachlor

R.T.: 3.951 min  
Delta R.T.: 0.001 min  
Response: 182141957  
Conc: 48.26 ng/ml



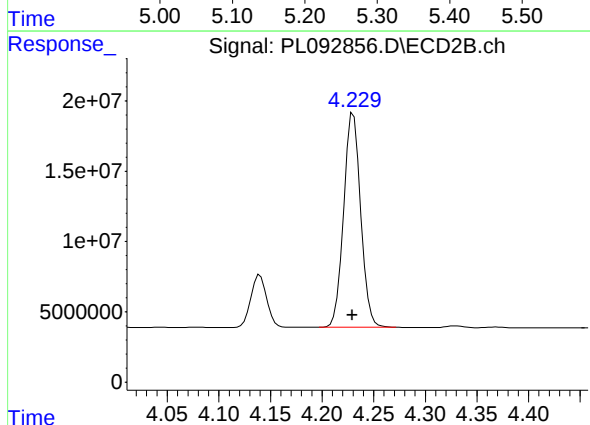
#5 Aldrin

R.T.: 5.260 min  
Delta R.T.: 0.002 min  
Response: 126942736  
Conc: 42.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

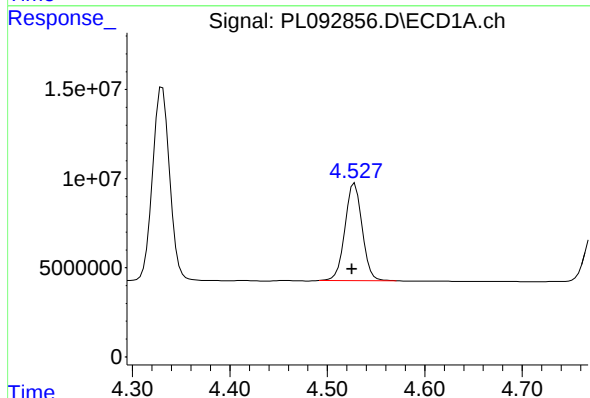
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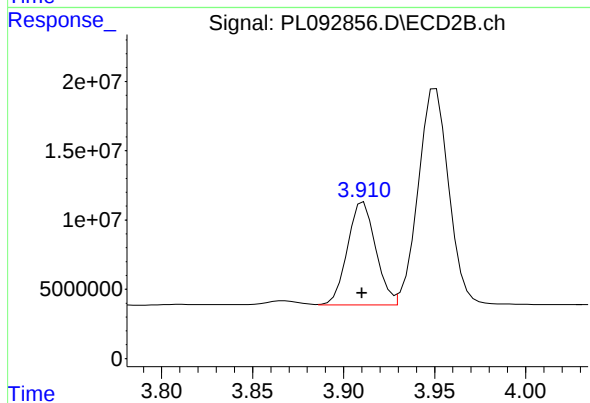
#5 Aldrin

R.T.: 4.230 min  
Delta R.T.: 0.000 min  
Response: 174816972  
Conc: 47.76 ng/ml



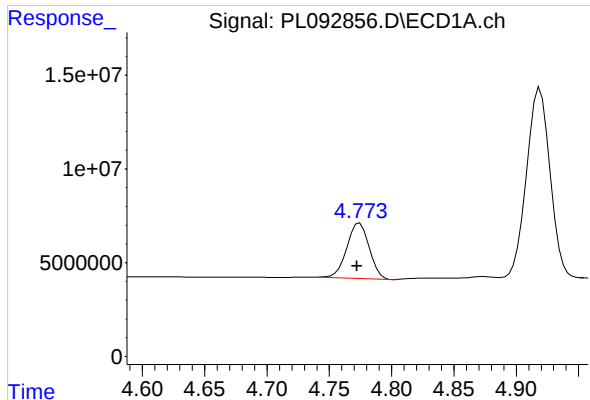
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.003 min  
Response: 66852201  
Conc: 46.25 ng/ml



#6 beta-BHC

R.T.: 3.911 min  
Delta R.T.: 0.000 min  
Response: 80573324  
Conc: 48.94 ng/ml



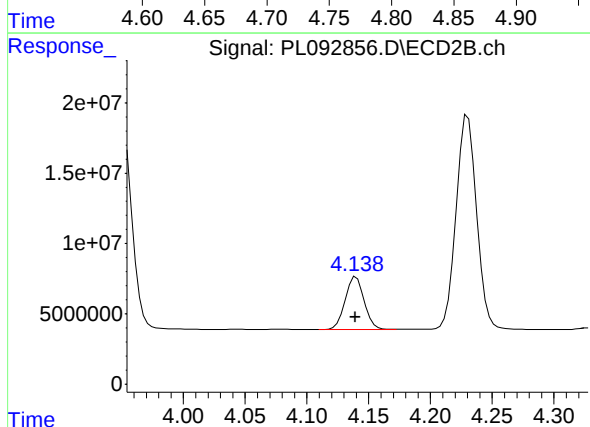
#7 delta-BHC

R.T.: 4.774 min  
Delta R.T.: 0.002 min  
Response: 36800923  
Conc: 11.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

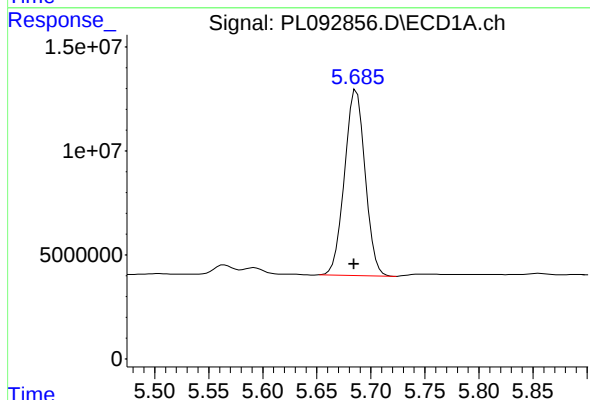
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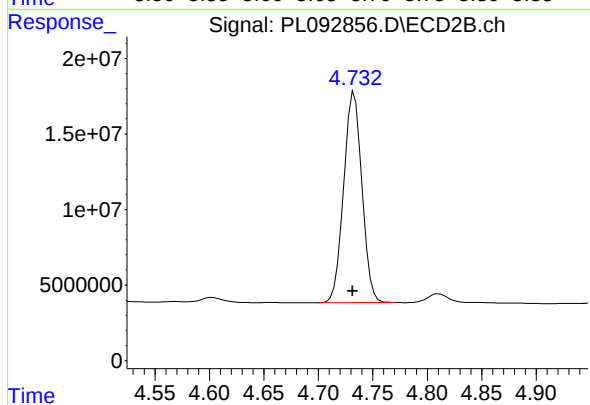
#7 delta-BHC

R.T.: 4.140 min  
Delta R.T.: 0.000 min  
Response: 40093568  
Conc: 10.43 ng/ml



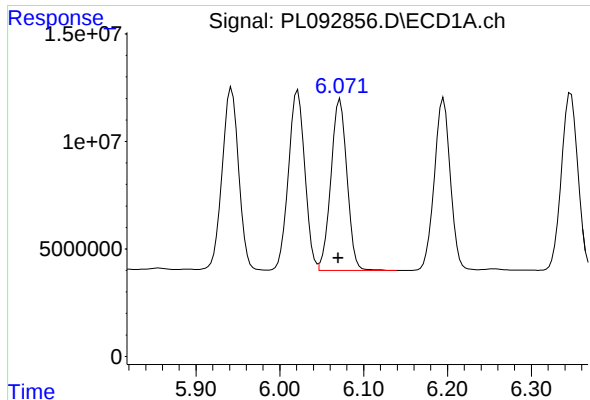
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: 0.002 min  
Response: 118550233  
Conc: 42.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.733 min  
Delta R.T.: 0.001 min  
Response: 161996146  
Conc: 48.48 ng/ml



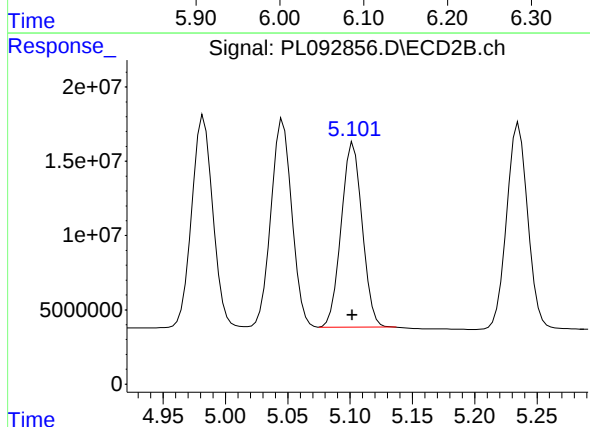
#9 Endosulfan I

R.T.: 6.072 min  
Delta R.T.: 0.002 min  
Response: 106475408  
Conc: 42.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

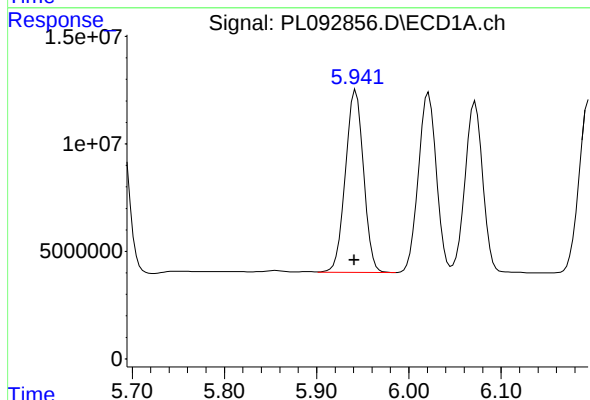
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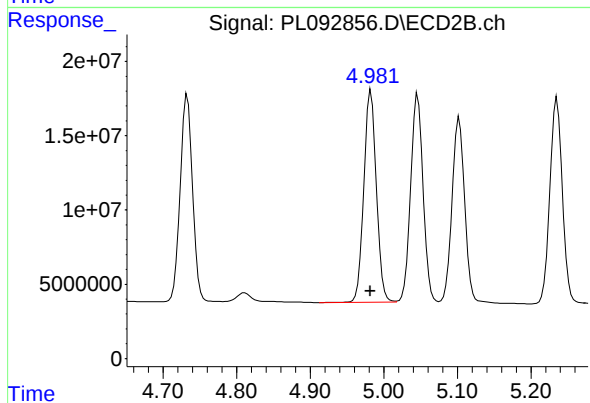
#9 Endosulfan I

R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 145565227  
Conc: 47.68 ng/ml



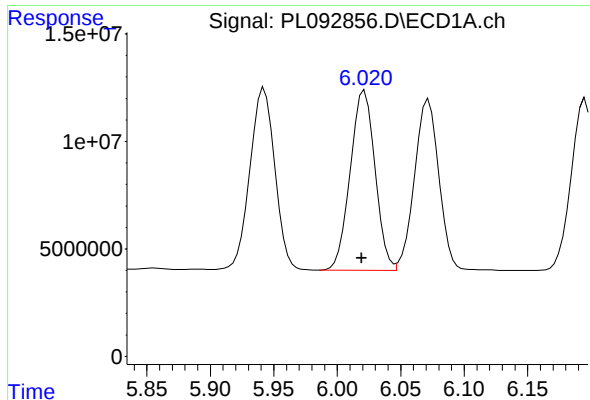
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: 0.002 min  
Response: 115567226  
Conc: 43.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min  
Delta R.T.: 0.000 min  
Response: 169014969  
Conc: 50.28 ng/ml



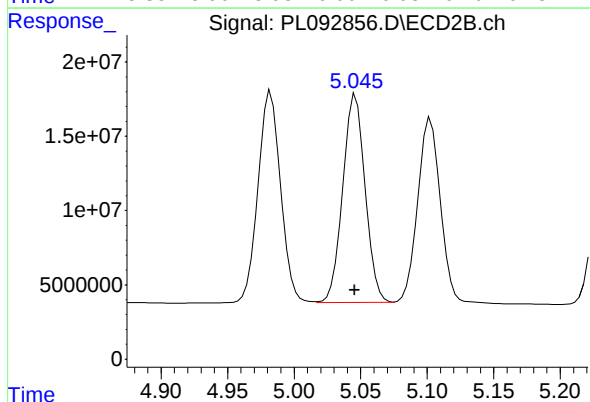
#11 alpha-Chlordane

R.T.: 6.022 min  
Delta R.T.: 0.002 min  
Response: 113662495  
Conc: 42.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

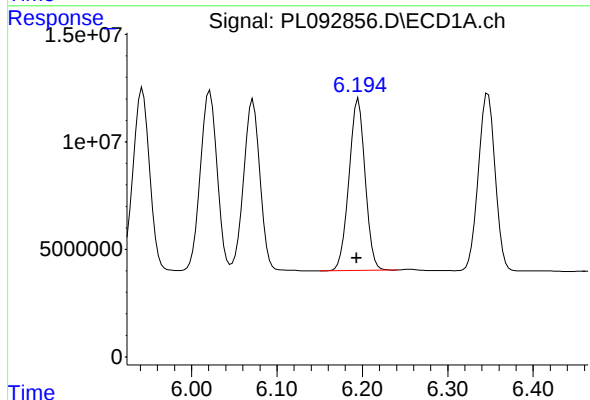
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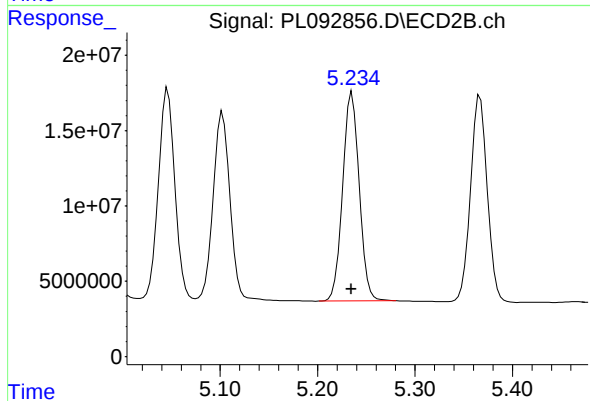
#11 alpha-Chlordane

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 164062311  
Conc: 49.33 ng/ml



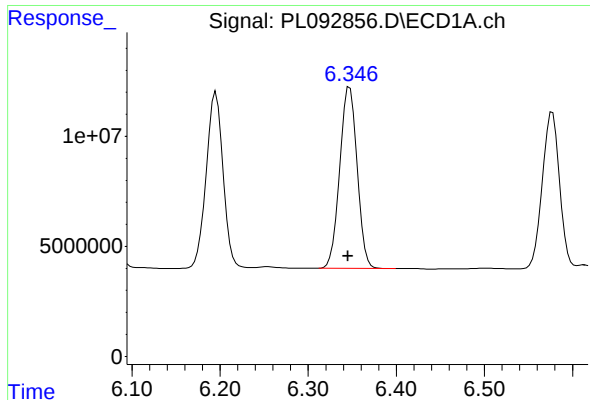
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: 0.002 min  
Response: 105521084  
Conc: 44.54 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min  
Delta R.T.: 0.000 min  
Response: 163565886  
Conc: 50.77 ng/ml



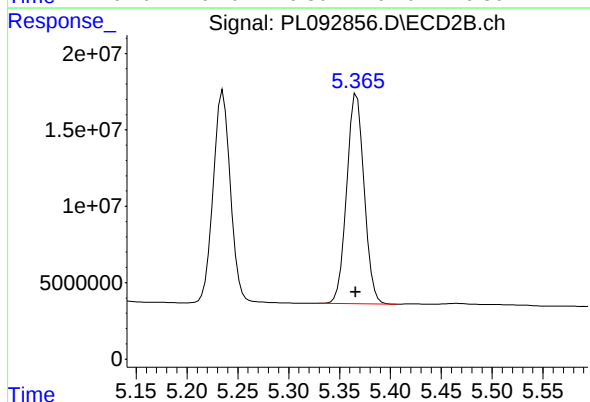
#13 Dieldrin

R.T.: 6.347 min  
Delta R.T.: 0.002 min  
Response: 113062436  
Conc: 42.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

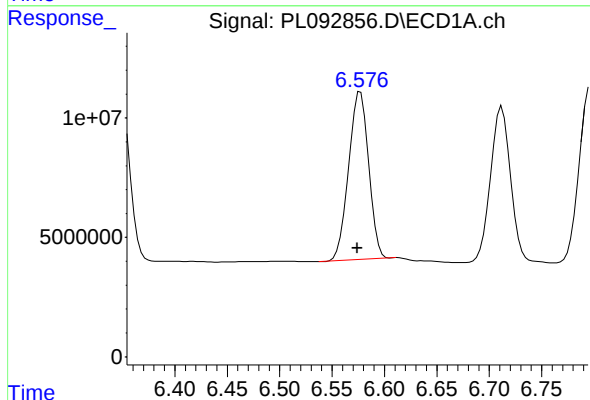
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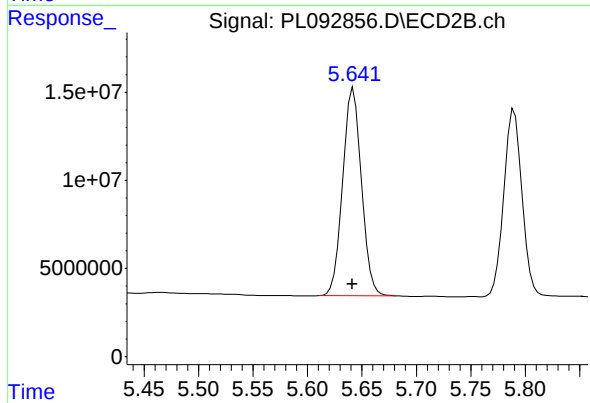
#13 Dieldrin

R.T.: 5.367 min  
Delta R.T.: 0.000 min  
Response: 164061375  
Conc: 49.12 ng/ml



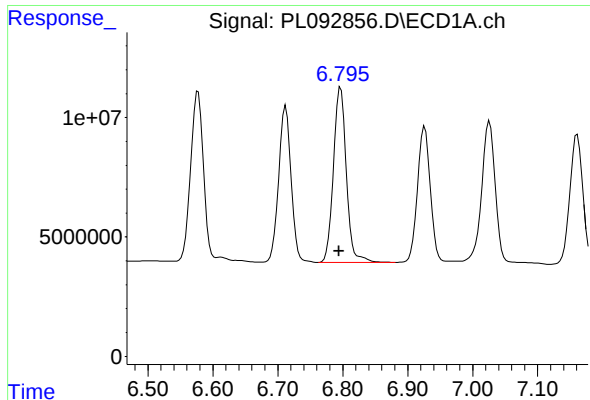
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: 0.003 min  
Response: 93859618  
Conc: 41.23 ng/ml



#14 Endrin

R.T.: 5.642 min  
Delta R.T.: 0.000 min  
Response: 140841674  
Conc: 48.68 ng/ml



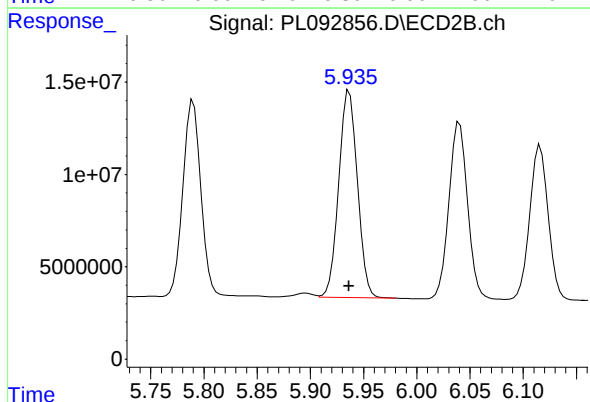
#15 Endosulfan II

R.T.: 6.797 min  
Delta R.T.: 0.003 min  
Response: 101245916  
Conc: 42.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

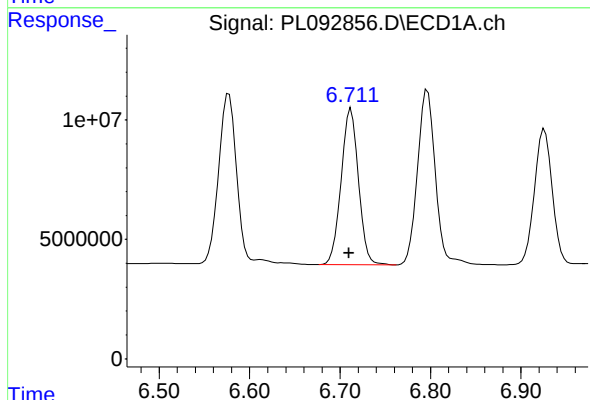
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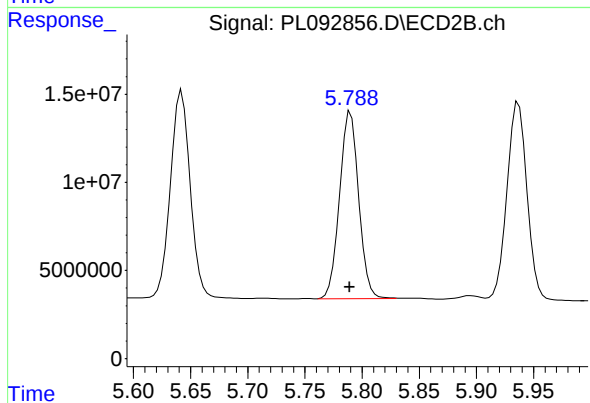
#15 Endosulfan II

R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 136587032  
Conc: 48.21 ng/ml



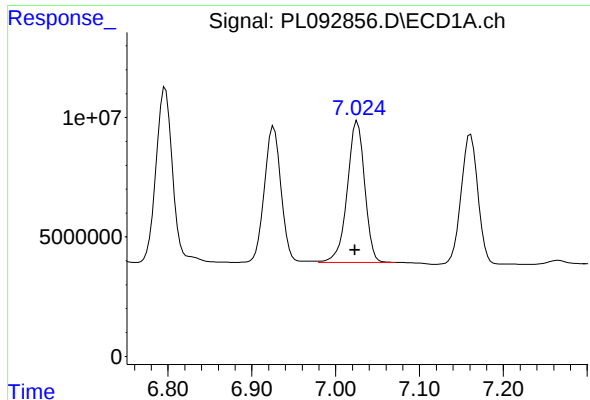
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.003 min  
Response: 87129256  
Conc: 45.39 ng/ml



#16 4,4'-DDD

R.T.: 5.788 min  
Delta R.T.: 0.000 min  
Response: 123830959  
Conc: 49.73 ng/ml m



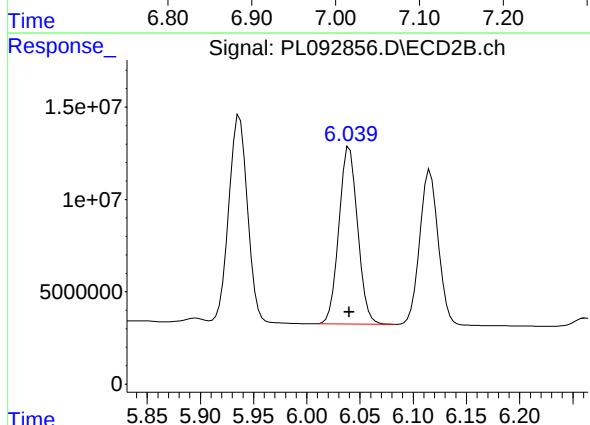
#17 4,4'-DDT

R.T.: 7.026 min  
Delta R.T.: 0.003 min  
Response: 85171276  
Conc: 41.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

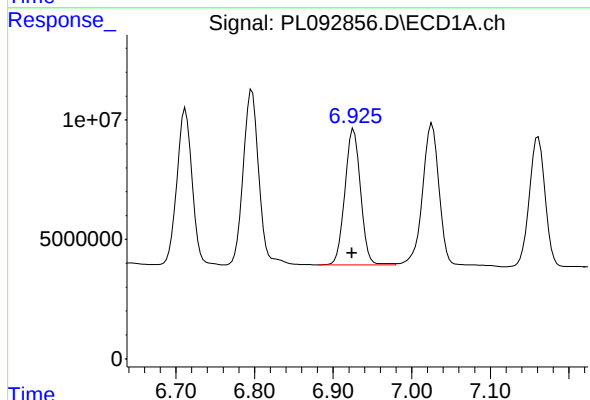
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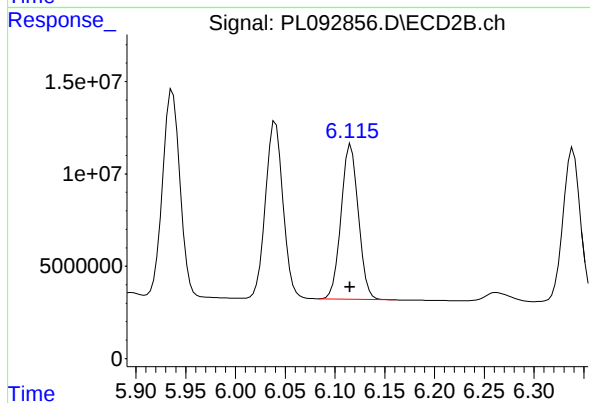
#17 4,4'-DDT

R.T.: 6.040 min  
Delta R.T.: 0.000 min  
Response: 117316849  
Conc: 43.74 ng/ml



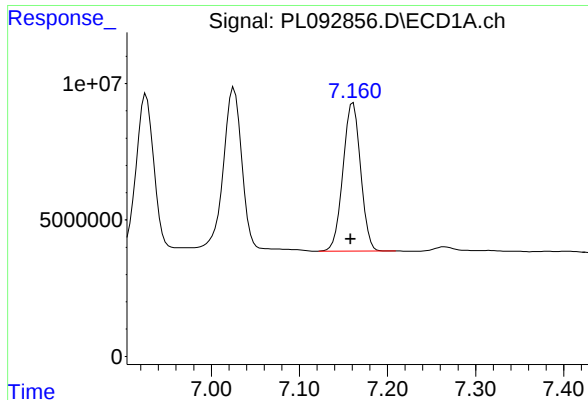
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.002 min  
Response: 78798504  
Conc: 41.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.116 min  
Delta R.T.: 0.000 min  
Response: 101892447  
Conc: 44.16 ng/ml



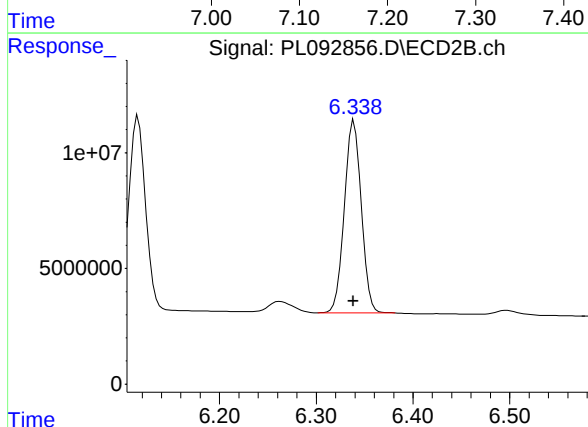
#19 Endosulfan Sulfate

R.T.: 7.161 min  
Delta R.T.: 0.003 min  
Response: 75657409  
Conc: 34.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

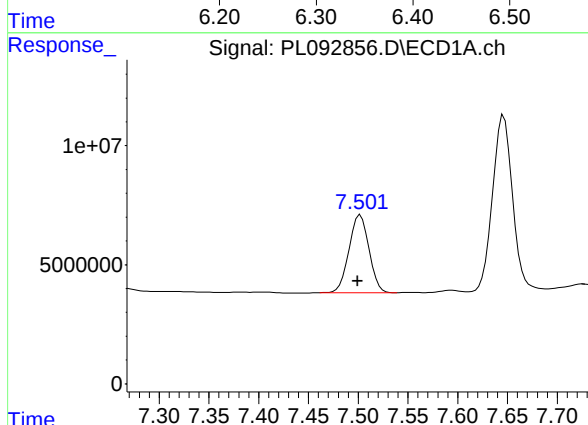
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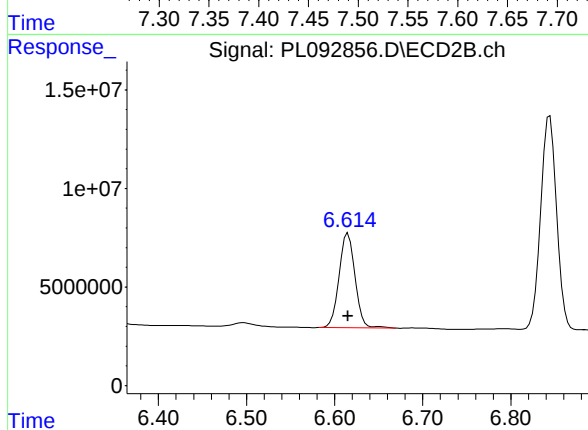
#19 Endosulfan Sulfate

R.T.: 6.339 min  
Delta R.T.: 0.000 min  
Response: 100500701  
Conc: 37.27 ng/ml



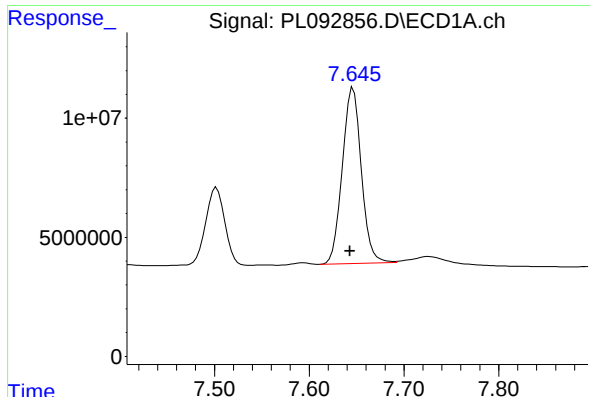
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: 0.003 min  
Response: 45585951  
Conc: 39.99 ng/ml



#20 Methoxychlor

R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 60557903  
Conc: 42.41 ng/ml



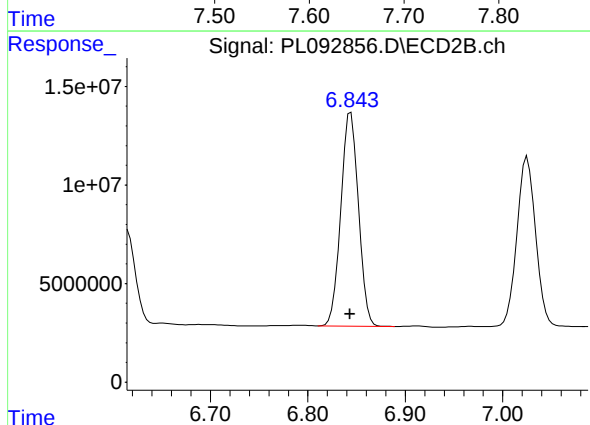
#21 Endrin ketone

R.T.: 7.646 min  
Delta R.T.: 0.003 min  
Response: 102984178  
Conc: 42.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

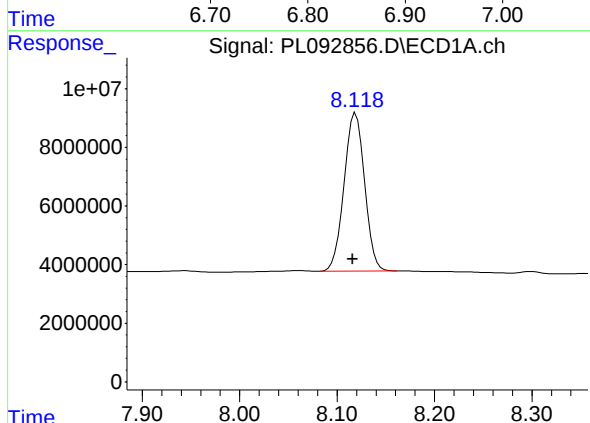
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/06/2024  
Supervised By :Ankita Jodhani 11/06/2024



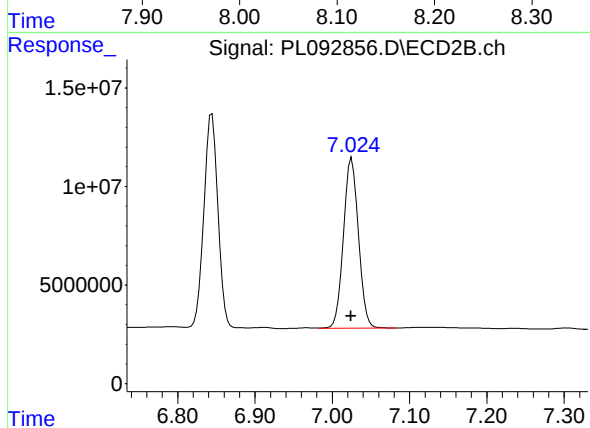
#21 Endrin ketone

R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 136092371  
Conc: 44.35 ng/ml



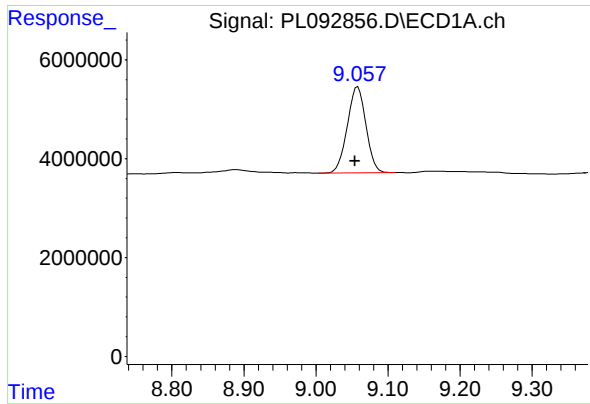
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.003 min  
Response: 79110660  
Conc: 39.92 ng/ml



#22 Mirex

R.T.: 7.025 min  
Delta R.T.: 0.001 min  
Response: 115282987  
Conc: 44.19 ng/ml



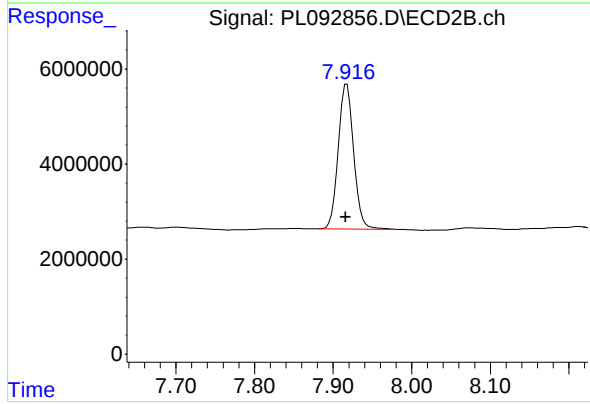
#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: 0.004 min  
Response: 31257206  
Conc: 16.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/06/2024  
Supervised By :Ankita Jodhani 11/06/2024



#28 Decachlorobiphenyl

R.T.: 7.917 min  
Delta R.T.: 0.002 min  
Response: 41536734  
Conc: 15.22 ng/ml