

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020325\  
 Data File : PL094022.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Feb 2025 22:41  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 02/04/2025  
 Supervised By :Ankita Jodhani 02/04/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 04 00:54:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 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... | 3.538 | 2.774 | 137.9E6  | 168.4E6 | 51.210  | 51.594 |
| 28)                         | SA Decachlor... | 9.056 | 7.910 | 102.4E6  | 187.5E6 | 48.963  | 53.521 |
| Target Compounds            |                 |       |       |          |         |         |        |
| 2)                          | A alpha-BHC     | 3.995 | 3.277 | 199.4E6  | 259.6E6 | 52.000  | 53.100 |
| 3)                          | MA gamma-BHC... | 4.327 | 3.607 | 191.4E6  | 248.3E6 | 51.980  | 52.377 |
| 4)                          | MA Heptachlor   | 4.915 | 3.945 | 169.2E6  | 238.7E6 | 51.638  | 51.286 |
| 5)                          | MB Aldrin       | 5.257 | 4.224 | 172.4E6  | 242.9E6 | 52.680  | 53.245 |
| 6)                          | B beta-BHC      | 4.525 | 3.907 | 82864626 | 105.6E6 | 51.554  | 52.854 |
| 7)                          | B delta-BHC     | 4.773 | 4.135 | 185.8E6  | 254.5E6 | 53.019  | 53.568 |
| 8)                          | B Heptachlo...  | 5.683 | 4.727 | 151.6E6  | 221.5E6 | 50.986  | 52.980 |
| 9)                          | A Endosulfan I  | 6.069 | 5.096 | 135.8E6  | 186.3E6 | 51.390  | 48.046 |
| 10)                         | B gamma-Chl...  | 5.939 | 4.976 | 143.8E6  | 226.8E6 | 51.597  | 53.528 |
| 11)                         | B alpha-Chl...  | 6.018 | 5.040 | 143.3E6  | 222.8E6 | 51.409  | 53.220 |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.229 | 134.3E6  | 231.7E6 | 55.148  | 57.789 |
| 13)                         | MA Dieldrin     | 6.344 | 5.361 | 142.4E6  | 231.0E6 | 51.298  | 53.781 |
| 14)                         | MA Endrin       | 6.572 | 5.636 | 118.8E6  | 210.1E6 | 50.648m | 56.894 |
| 15)                         | B Endosulfa...  | 6.794 | 5.931 | 121.0E6  | 200.3E6 | 50.206  | 54.068 |
| 16)                         | A 4,4'-DDD      | 6.709 | 5.784 | 107.9E6  | 185.8E6 | 56.783  | 58.862 |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.035 | 105.2E6  | 185.0E6 | 53.327  | 56.856 |
| 18)                         | B Endrin al...  | 6.924 | 6.110 | 97206774 | 162.4E6 | 50.002  | 53.352 |
| 19)                         | B Endosulfa...  | 7.159 | 6.334 | 112.9E6  | 193.1E6 | 49.886  | 54.144 |
| 20)                         | A Methoxychlor  | 7.500 | 6.610 | 56319474 | 101.3E6 | 53.977  | 56.661 |
| 21)                         | B Endrin ke...  | 7.644 | 6.839 | 125.5E6  | 225.0E6 | 49.743  | 53.636 |
| 22)                         | Mirex           | 8.117 | 7.019 | 97999921 | 179.0E6 | 47.059  | 52.934 |
| -----                       |                 |       |       |          |         |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020325\  
Data File : PL094022.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Feb 2025 22:41  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

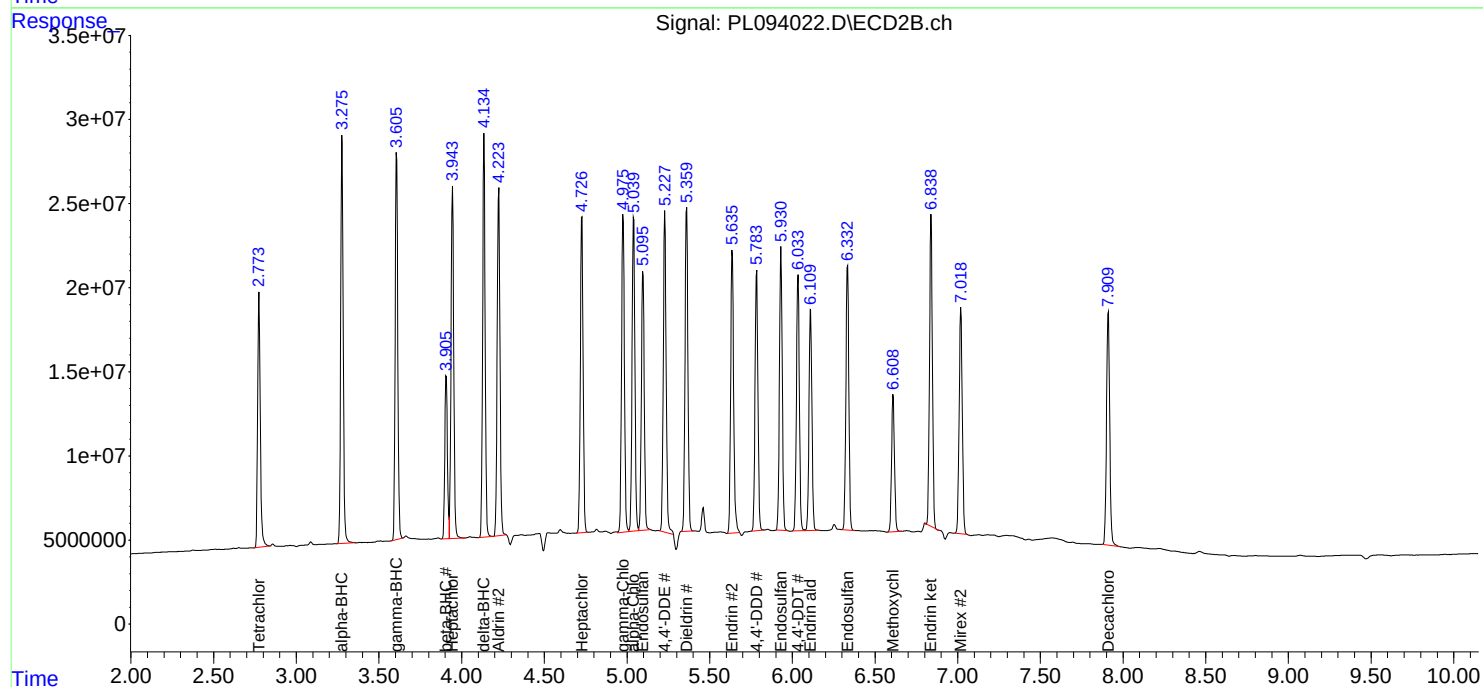
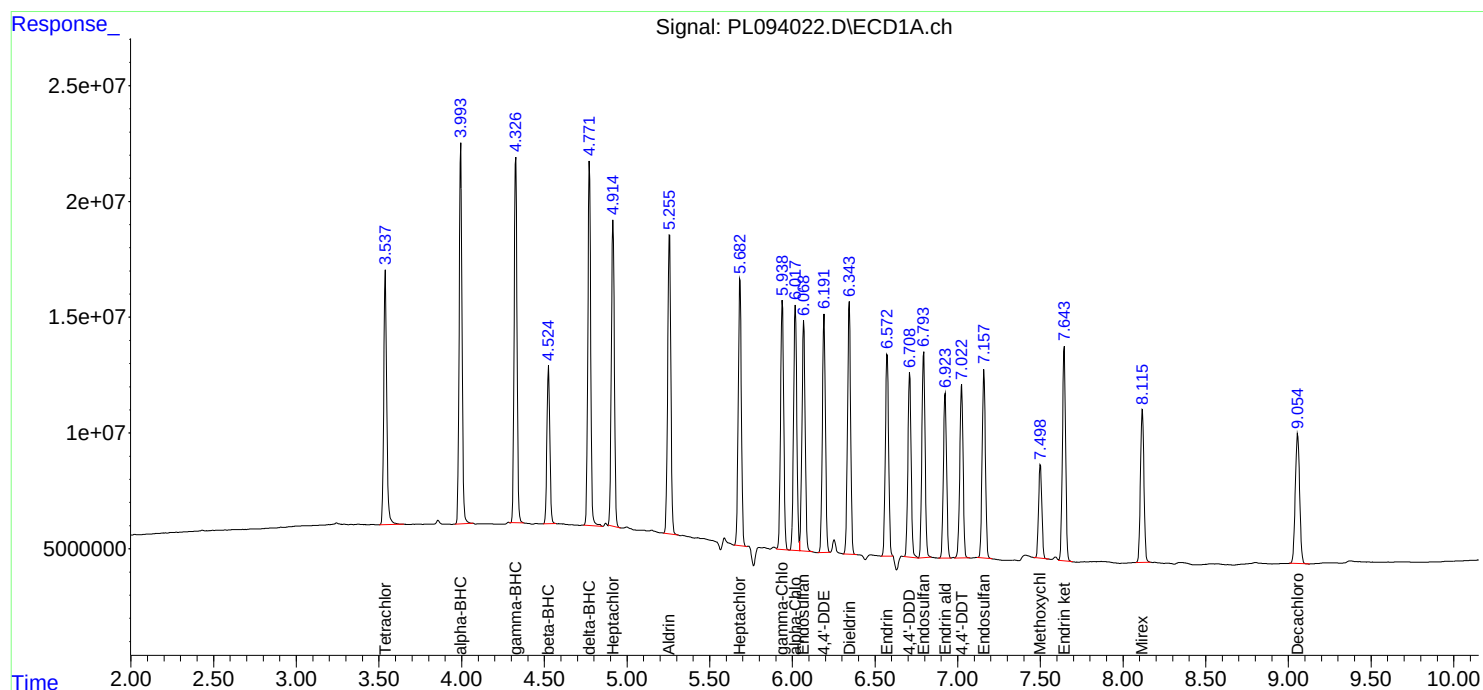
## APPROVED

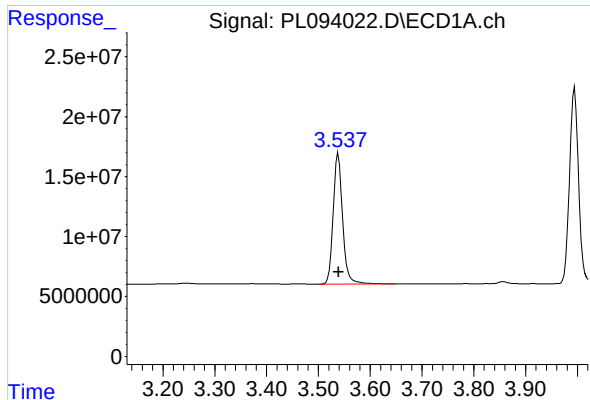
Reviewed By :Abdul Mirza 02/04/2025

Supervised By :Ankita Jodhani 02/04/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 04 00:54:06 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 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





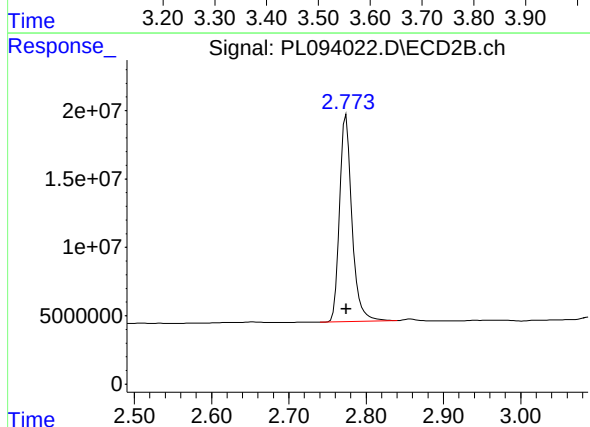
#1 Tetrachloro-m-xylene

R.T.: 3.538 min  
Delta R.T.: 0.000 min  
Response: 137895056  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

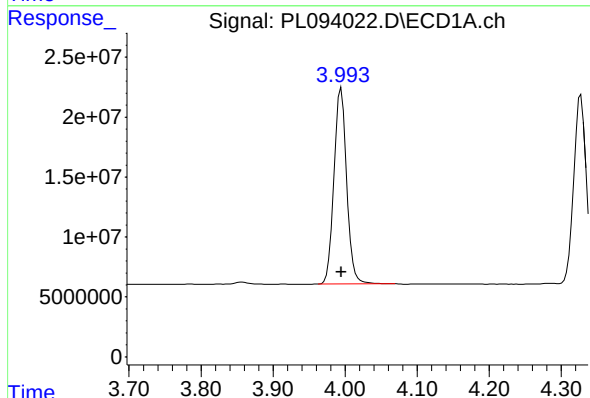
Manual Integrations  
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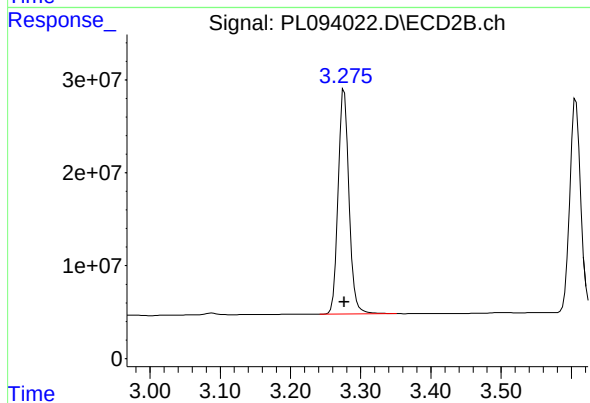
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: 0.000 min  
Response: 168411438  
Conc: 51.59 ng/ml



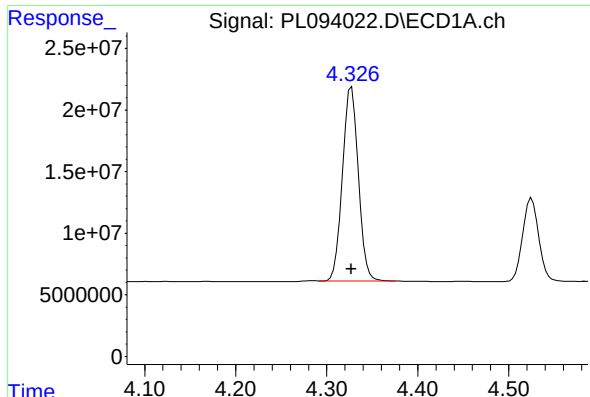
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: 0.000 min  
Response: 199361755  
Conc: 52.00 ng/ml



#2 alpha-BHC

R.T.: 3.277 min  
Delta R.T.: 0.000 min  
Response: 259603868  
Conc: 53.10 ng/ml



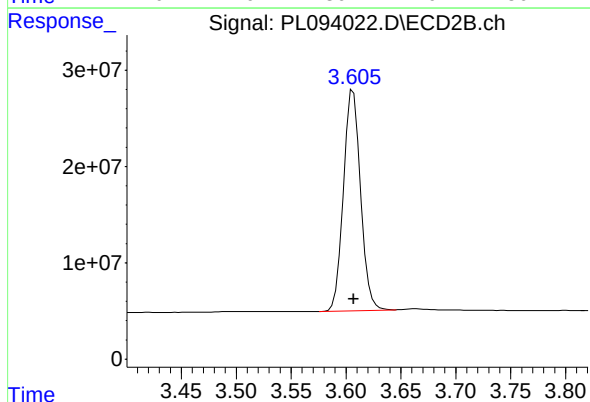
#3 gamma-BHC (Lindane)

R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 191433033  
Conc: 51.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

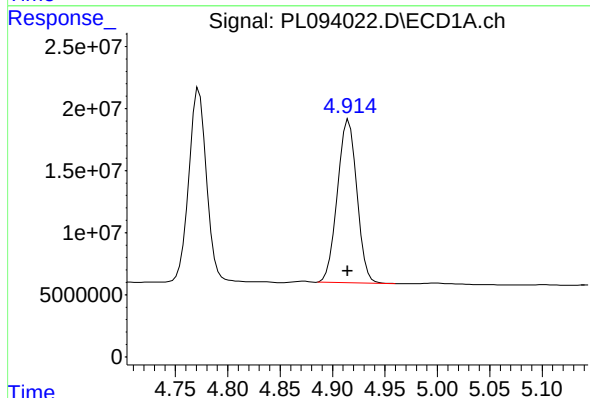
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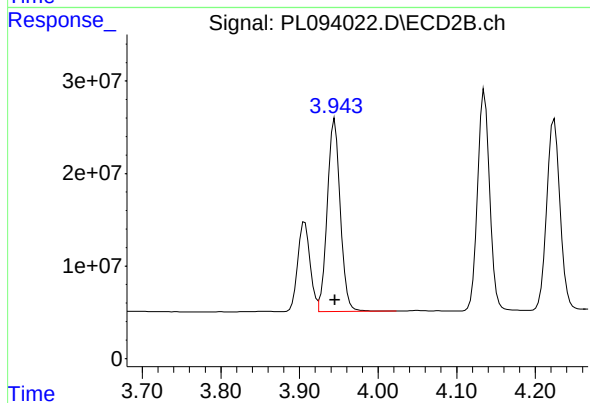
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: 0.000 min  
Response: 248329007  
Conc: 52.38 ng/ml



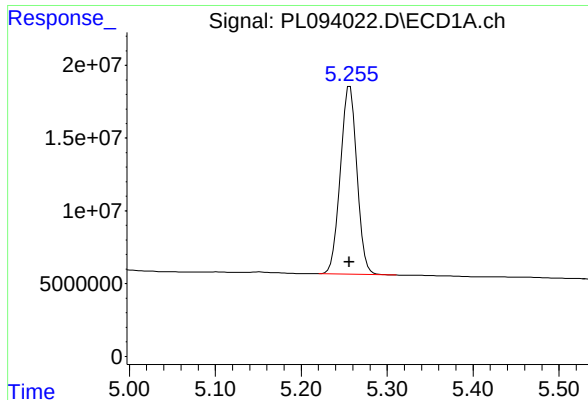
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: 0.000 min  
Response: 169235332  
Conc: 51.64 ng/ml



#4 Heptachlor

R.T.: 3.945 min  
Delta R.T.: 0.000 min  
Response: 238725266  
Conc: 51.29 ng/ml



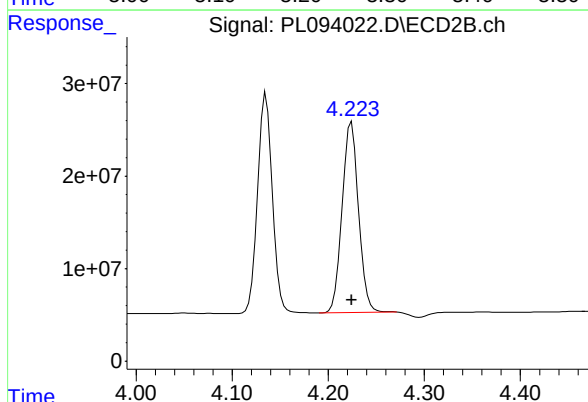
#5 Aldrin

R.T.: 5.257 min  
Delta R.T.: 0.001 min  
Response: 172368556  
Conc: 52.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

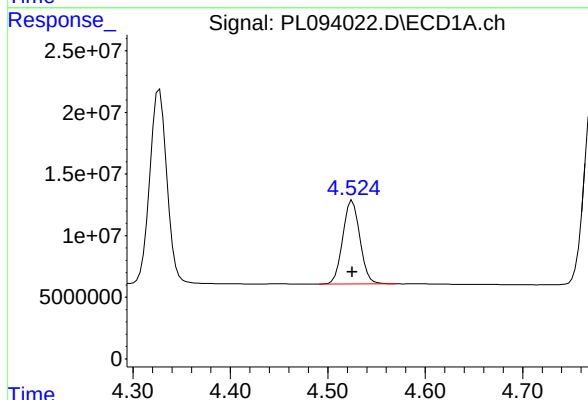
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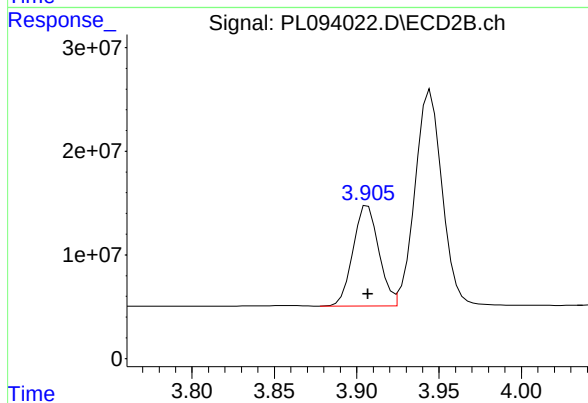
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: 0.000 min  
Response: 242893457  
Conc: 53.25 ng/ml



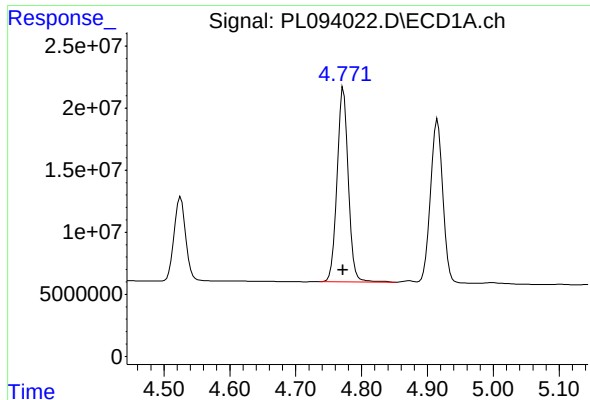
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 82864626  
Conc: 51.55 ng/ml



#6 beta-BHC

R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 105572031  
Conc: 52.85 ng/ml



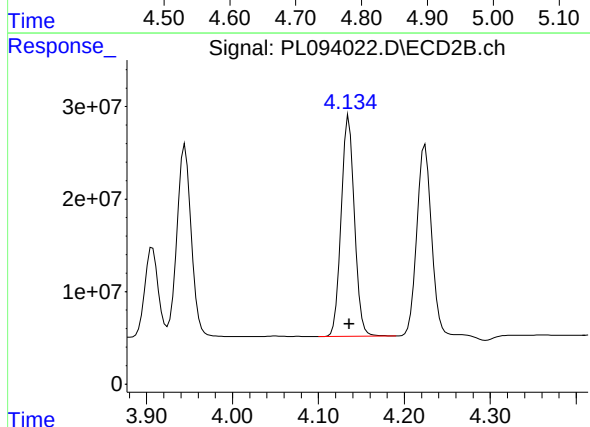
#7 delta-BHC

R.T.: 4.773 min  
Delta R.T.: 0.000 min  
Response: 185847992  
Conc: 53.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

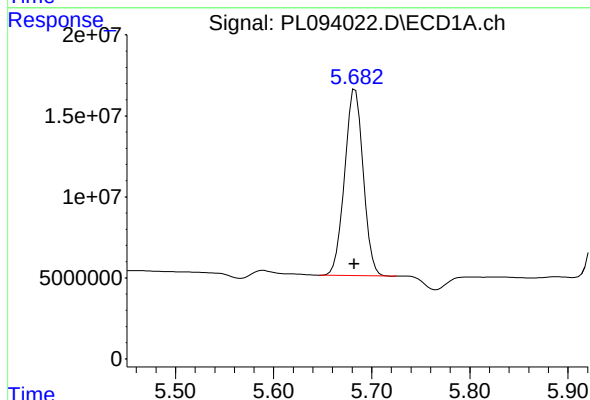
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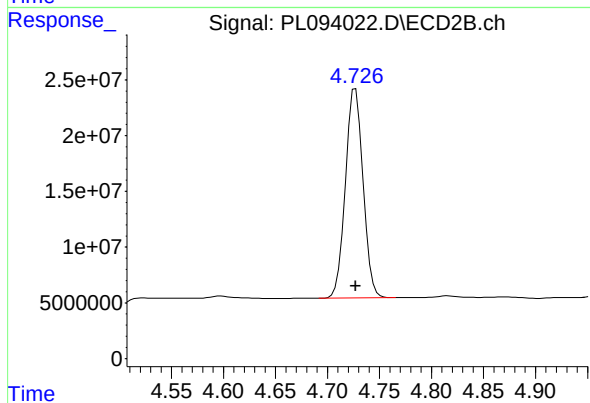
#7 delta-BHC

R.T.: 4.135 min  
Delta R.T.: 0.000 min  
Response: 254514103  
Conc: 53.57 ng/ml



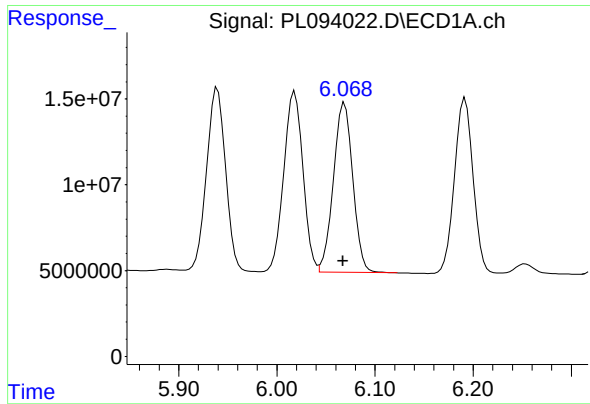
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: 0.001 min  
Response: 151624711  
Conc: 50.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 221467991  
Conc: 52.98 ng/ml



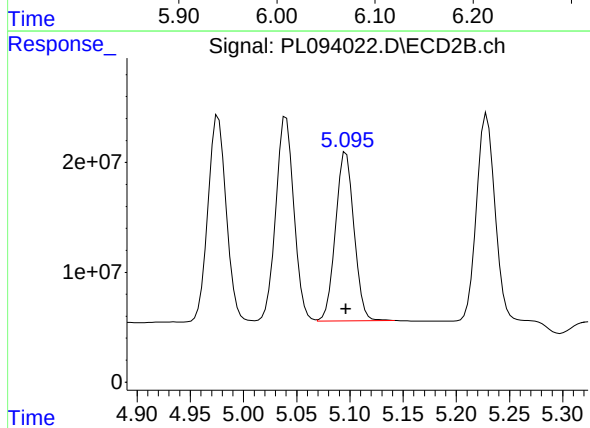
#9 Endosulfan I

R.T.: 6.069 min  
Delta R.T.: 0.002 min  
Response: 135817052  
Conc: 51.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

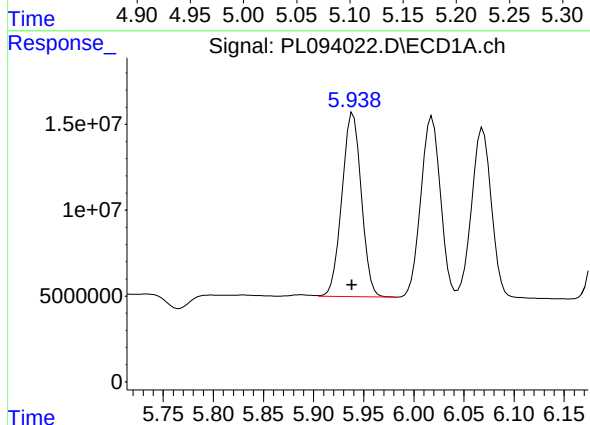
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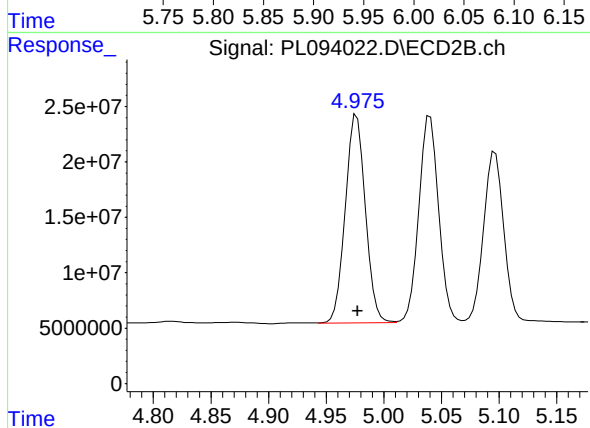
#9 Endosulfan I

R.T.: 5.096 min  
Delta R.T.: 0.000 min  
Response: 186272086  
Conc: 48.05 ng/ml



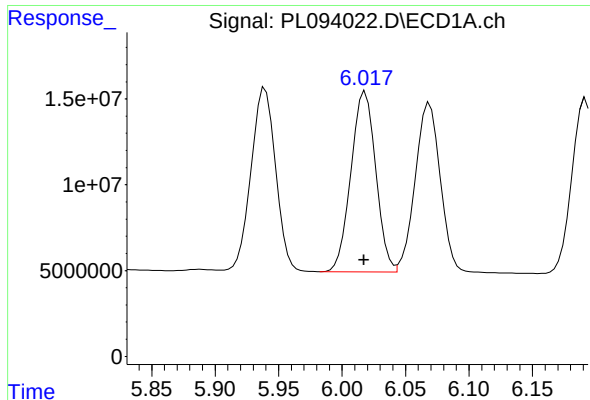
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: 0.001 min  
Response: 143818538  
Conc: 51.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 226830149  
Conc: 53.53 ng/ml



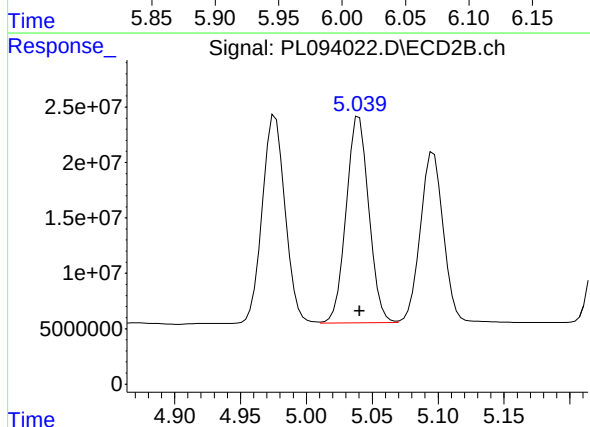
#11 alpha-Chlordane

R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 143349581  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

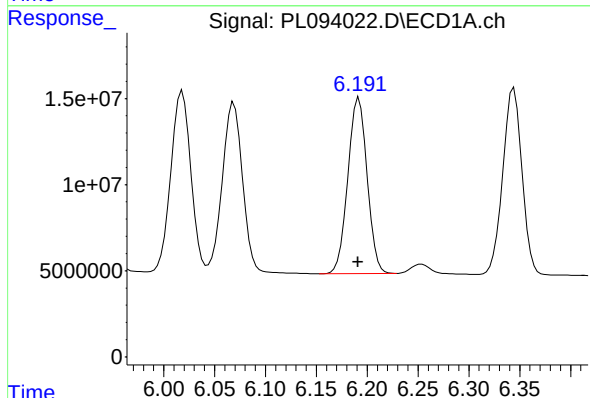
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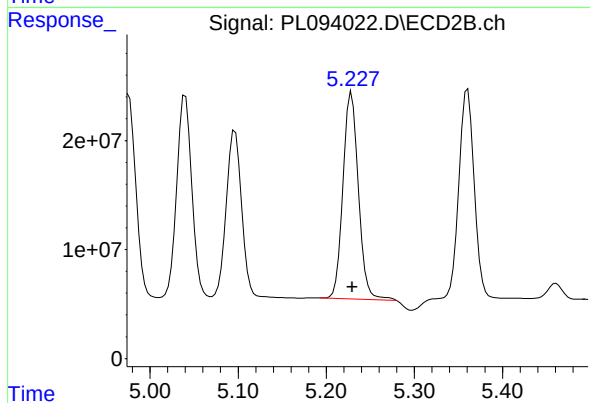
#11 alpha-Chlordane

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 222809801  
Conc: 53.22 ng/ml



#12 4,4'-DDE

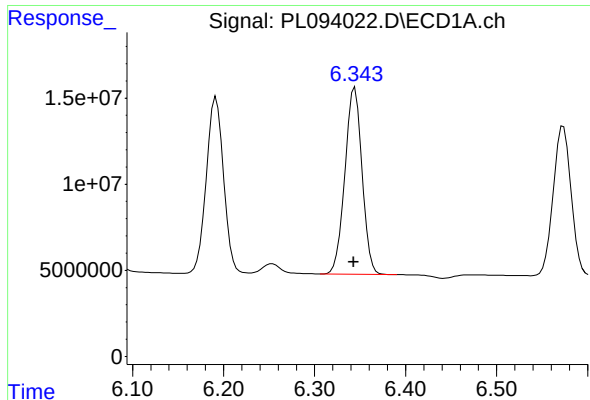
R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 134262905  
Conc: 55.15 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 231701798  
Conc: 57.79 ng/ml





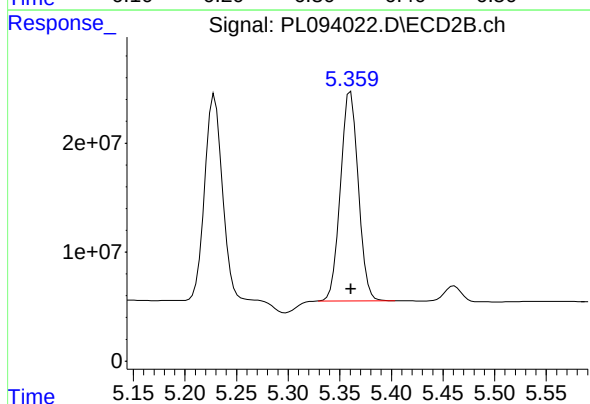
#13 Dieldrin

R.T.: 6.344 min  
Delta R.T.: 0.001 min  
Response: 142396950  
Conc: 51.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

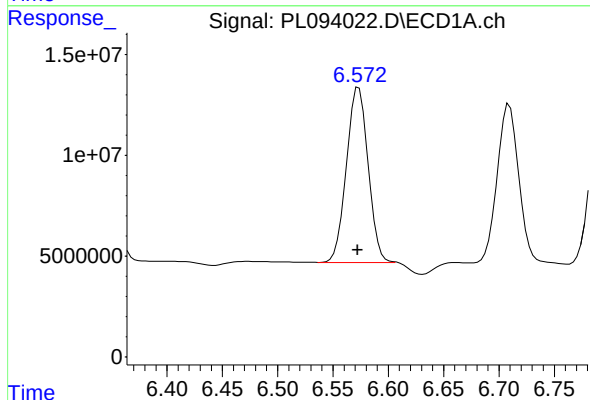
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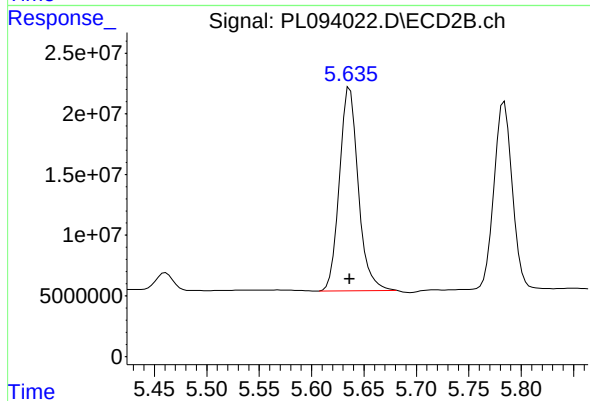
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 231024546  
Conc: 53.78 ng/ml



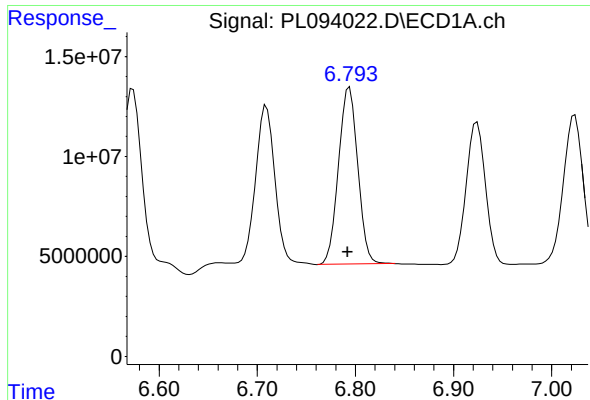
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 118759659  
Conc: 50.65 ng/ml m



#14 Endrin

R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 210090392  
Conc: 56.89 ng/ml



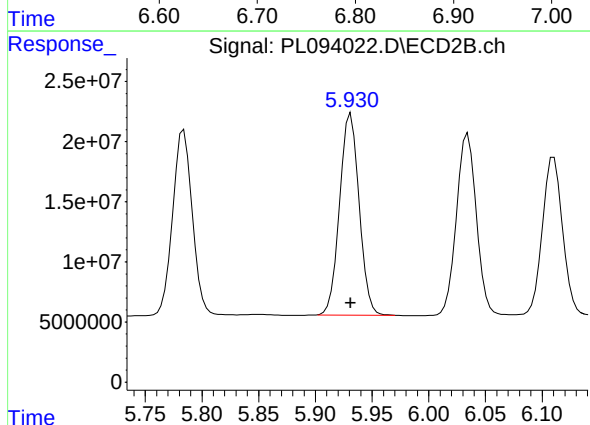
#15 Endosulfan II

R.T.: 6.794 min  
Delta R.T.: 0.002 min  
Response: 120963660  
Conc: 50.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

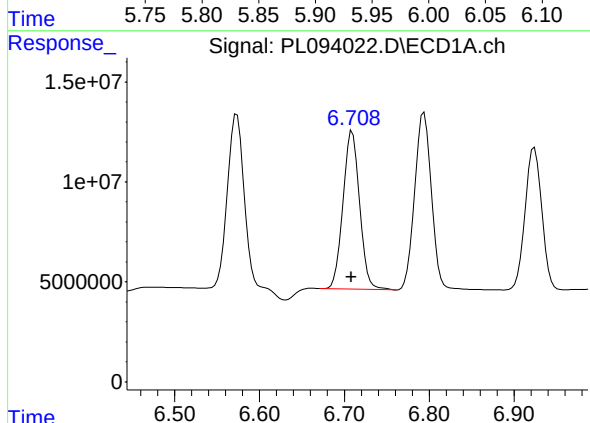
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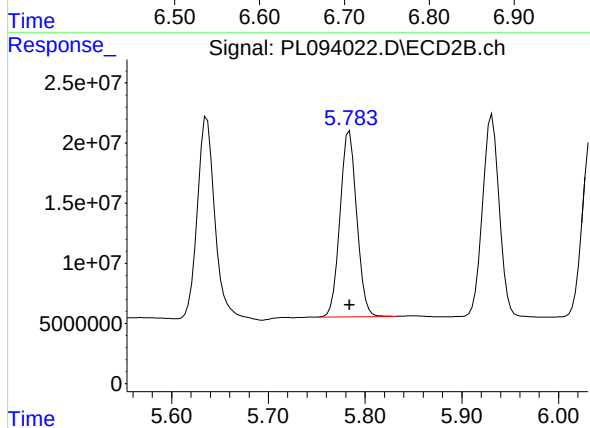
#15 Endosulfan II

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 200257880  
Conc: 54.07 ng/ml



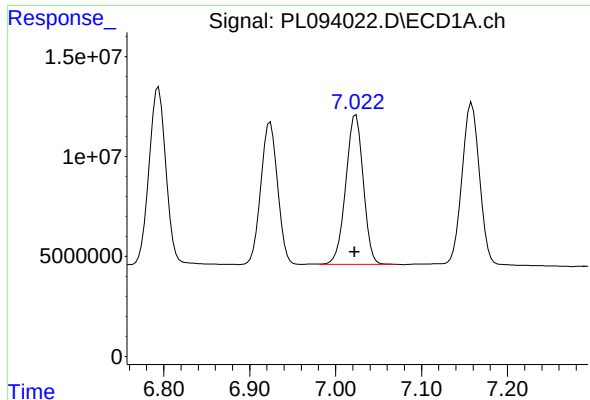
#16 4,4'-DDD

R.T.: 6.709 min  
Delta R.T.: 0.001 min  
Response: 107919941  
Conc: 56.78 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 185800748  
Conc: 58.86 ng/ml



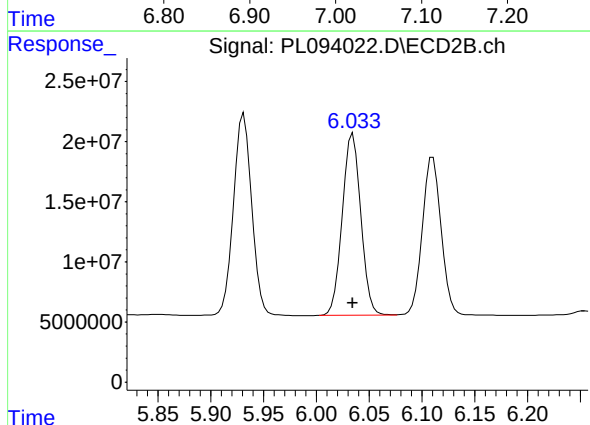
#17 4,4'-DDT

R.T.: 7.024 min  
Delta R.T.: 0.001 min  
Response: 105163001  
Conc: 53.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

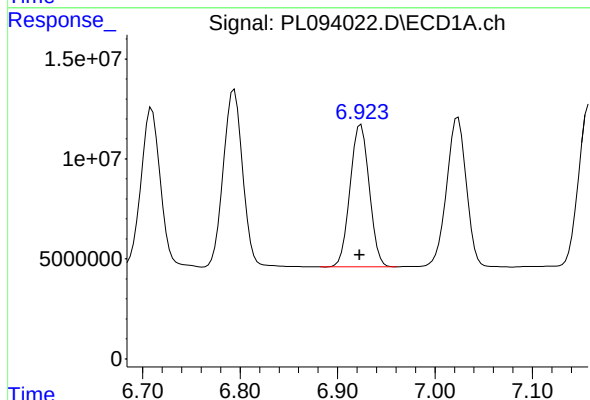
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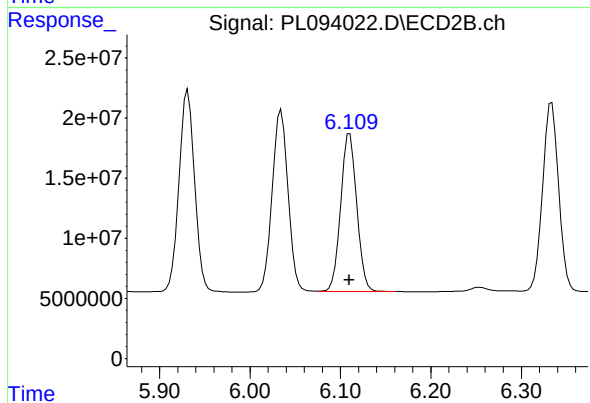
#17 4,4'-DDT

R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 185013093  
Conc: 56.86 ng/ml



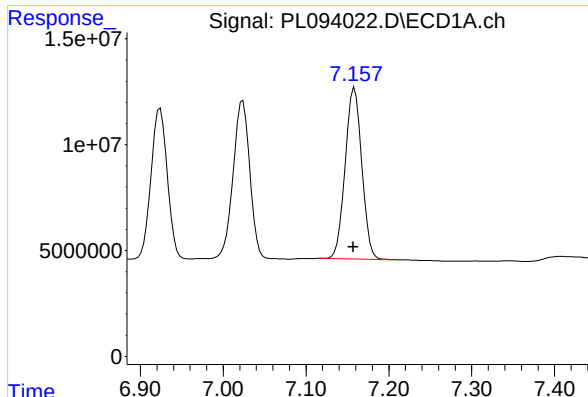
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.001 min  
Response: 97206774  
Conc: 50.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: 162438703  
Conc: 53.35 ng/ml



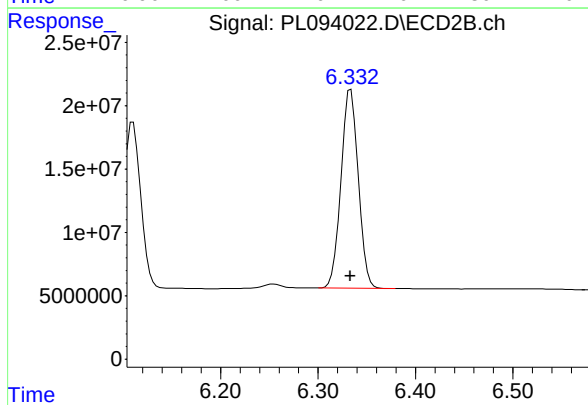
#19 Endosulfan Sulfate

R.T.: 7.159 min  
Delta R.T.: 0.001 min  
Response: 112927916  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

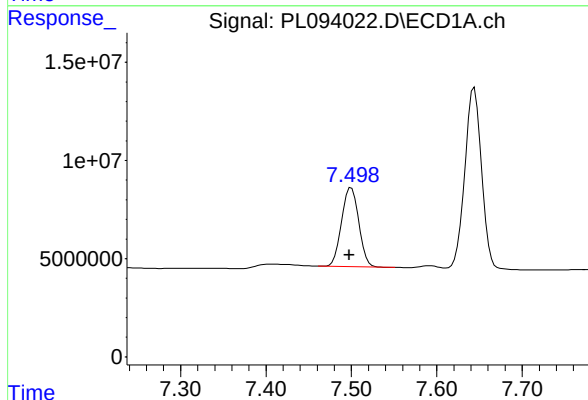
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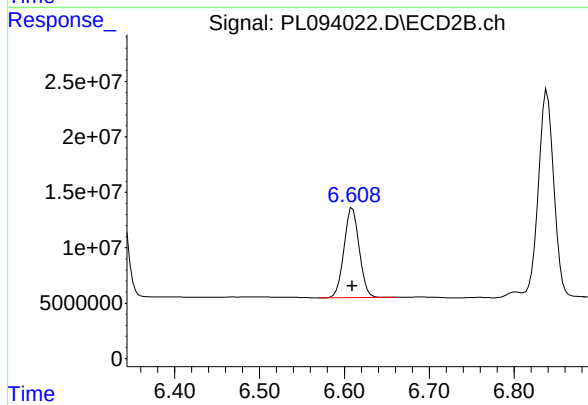
#19 Endosulfan Sulfate

R.T.: 6.334 min  
Delta R.T.: 0.000 min  
Response: 193081935  
Conc: 54.14 ng/ml



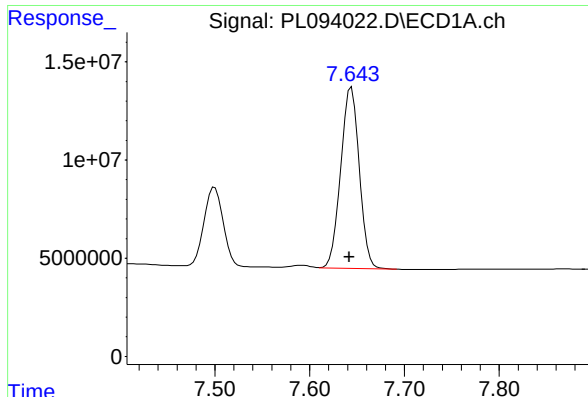
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.002 min  
Response: 56319474  
Conc: 53.98 ng/ml



#20 Methoxychlor

R.T.: 6.610 min  
Delta R.T.: 0.000 min  
Response: 101317120  
Conc: 56.66 ng/ml



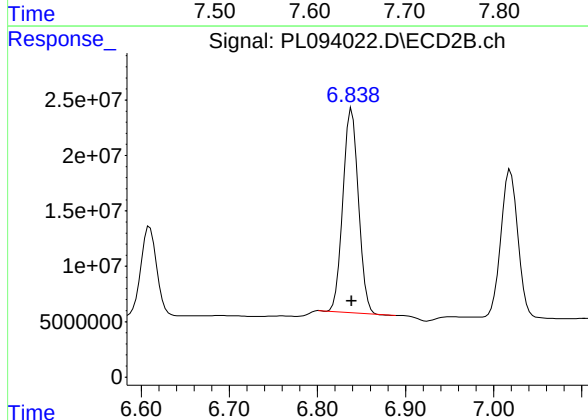
#21 Endrin ketone

R.T.: 7.644 min  
Delta R.T.: 0.002 min  
Response: 125484126  
Conc: 49.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

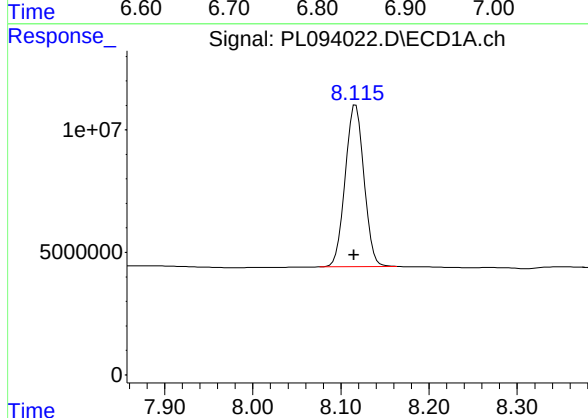
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/04/2025  
Supervised By :Ankita Jodhani 02/04/2025



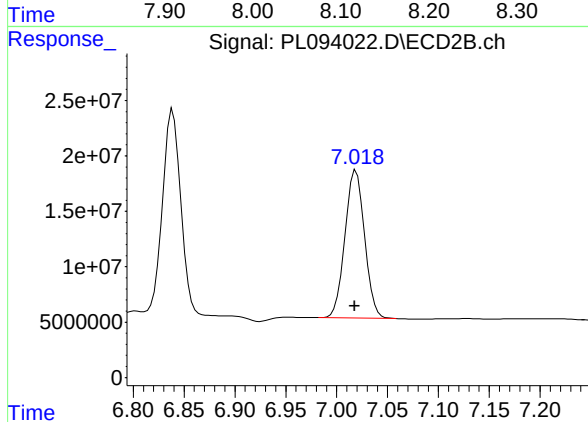
#21 Endrin ketone

R.T.: 6.839 min  
Delta R.T.: 0.000 min  
Response: 225015309  
Conc: 53.64 ng/ml



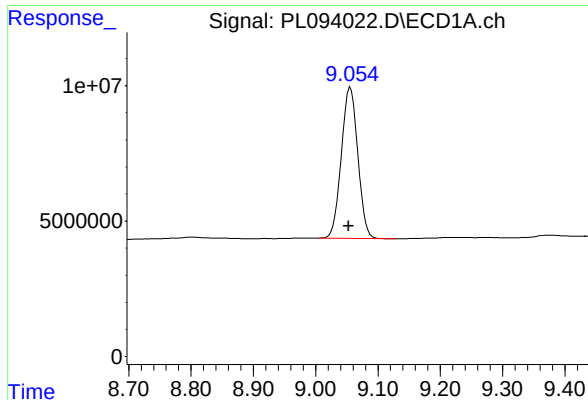
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.002 min  
Response: 97999921  
Conc: 47.06 ng/ml



#22 Mirex

R.T.: 7.019 min  
Delta R.T.: 0.001 min  
Response: 179016314  
Conc: 52.93 ng/ml



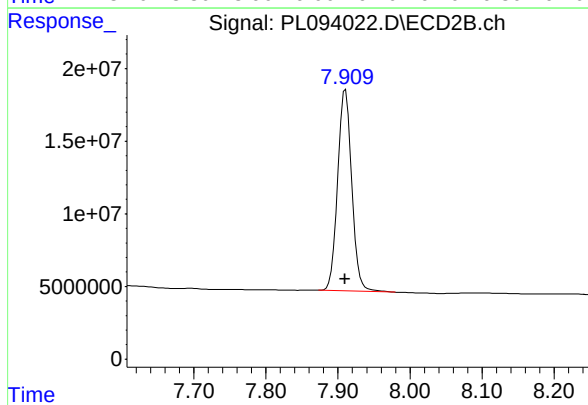
#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: 0.003 min  
Response: 102426025  
Conc: 48.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/04/2025  
Supervised By :Ankita Jodhani 02/04/2025



#28 Decachlorobiphenyl

R.T.: 7.910 min  
Delta R.T.: 0.000 min  
Response: 187540618  
Conc: 53.52 ng/ml