

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072324\  
 Data File : PL090620.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2024 11:52  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/25/2024  
 Supervised By :Ankita Jodhani 07/25/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 01:35:52 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 14:16:48 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... | 3.554 | 2.790 | 105.0E6  | 86856276 | 50.414  | 51.609  |
| 28)                         | SA Decachlor... | 9.071 | 7.938 | 70159921 | 75388629 | 52.797  | 51.704  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.011 | 3.294 | 145.0E6  | 126.0E6  | 48.852  | 52.151  |
| 3)                          | MA gamma-BHC... | 4.343 | 3.625 | 137.5E6  | 118.3E6  | 49.090  | 51.292  |
| 4)                          | MA Heptachlor   | 4.931 | 3.965 | 122.1E6  | 110.2E6  | 47.982m | 49.951  |
| 5)                          | MB Aldrin       | 5.273 | 4.245 | 121.1E6  | 110.5E6  | 48.457m | 51.935m |
| 6)                          | B beta-BHC      | 4.538 | 3.923 | 62106070 | 51880334 | 48.959  | 50.262  |
| 7)                          | B delta-BHC     | 4.785 | 4.152 | 129.1E6  | 113.2E6  | 48.140m | 51.481m |
| 8)                          | B Heptachlo...  | 5.698 | 4.749 | 112.3E6  | 98521339 | 47.770m | 50.514  |
| 9)                          | A Endosulfan I  | 6.084 | 5.116 | 104.2E6  | 100.6E6  | 48.719m | 55.007m |
| 10)                         | B gamma-Chl...  | 5.954 | 4.999 | 111.3E6  | 103.1E6  | 47.865m | 50.836  |
| 11)                         | B alpha-Chl...  | 6.033 | 5.063 | 111.9E6  | 102.6E6  | 48.734m | 50.792  |
| 12)                         | B 4,4'-DDE      | 6.206 | 5.251 | 98046715 | 95422873 | 48.490m | 53.394m |
| 13)                         | MA Dieldrin     | 6.360 | 5.384 | 108.9E6  | 102.1E6  | 49.028  | 52.091  |
| 14)                         | MA Endrin       | 6.588 | 5.660 | 89301776 | 85715135 | 48.575m | 49.802  |
| 15)                         | B Endosulfa...  | 6.807 | 5.954 | 94033380 | 87280167 | 47.809m | 51.089  |
| 16)                         | A 4,4'-DDD      | 6.722 | 5.807 | 84495315 | 77388389 | 50.050m | 51.652  |
| 17)                         | MA 4,4'-DDT     | 7.038 | 6.058 | 80682144 | 73219888 | 47.931  | 49.974  |
| 18)                         | B Endrin al...  | 6.936 | 6.134 | 73057103 | 66212240 | 49.243m | 50.677  |
| 19)                         | B Endosulfa...  | 7.172 | 6.356 | 88163677 | 82217967 | 50.201  | 50.988  |
| 20)                         | A Methoxychlor  | 7.512 | 6.634 | 44461643 | 39379118 | 50.358  | 48.703  |
| 21)                         | B Endrin ke...  | 7.657 | 6.863 | 97649573 | 99863421 | 51.152  | 54.645  |
| 22)                         | Mirex           | 8.130 | 7.044 | 75710689 | 77751617 | 53.459  | 52.302  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072324\  
Data File : PL090620.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2024 11:52  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

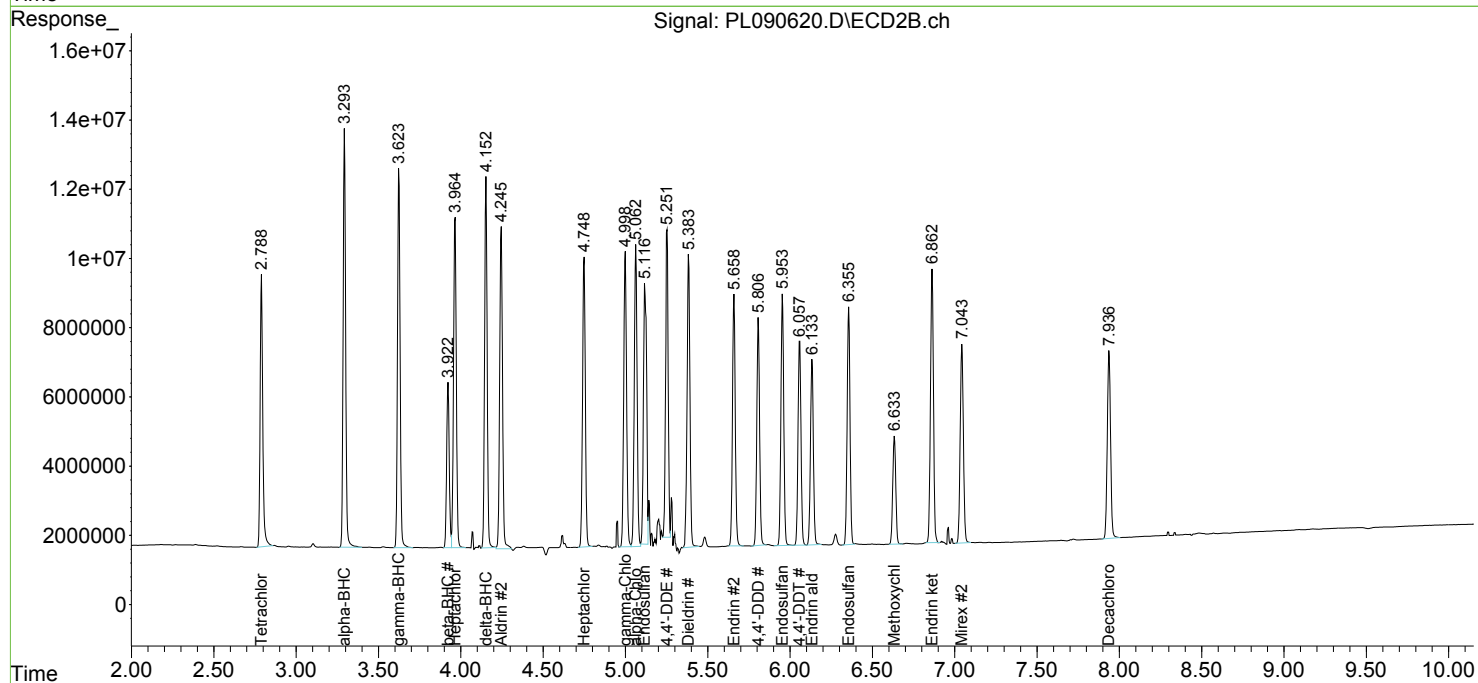
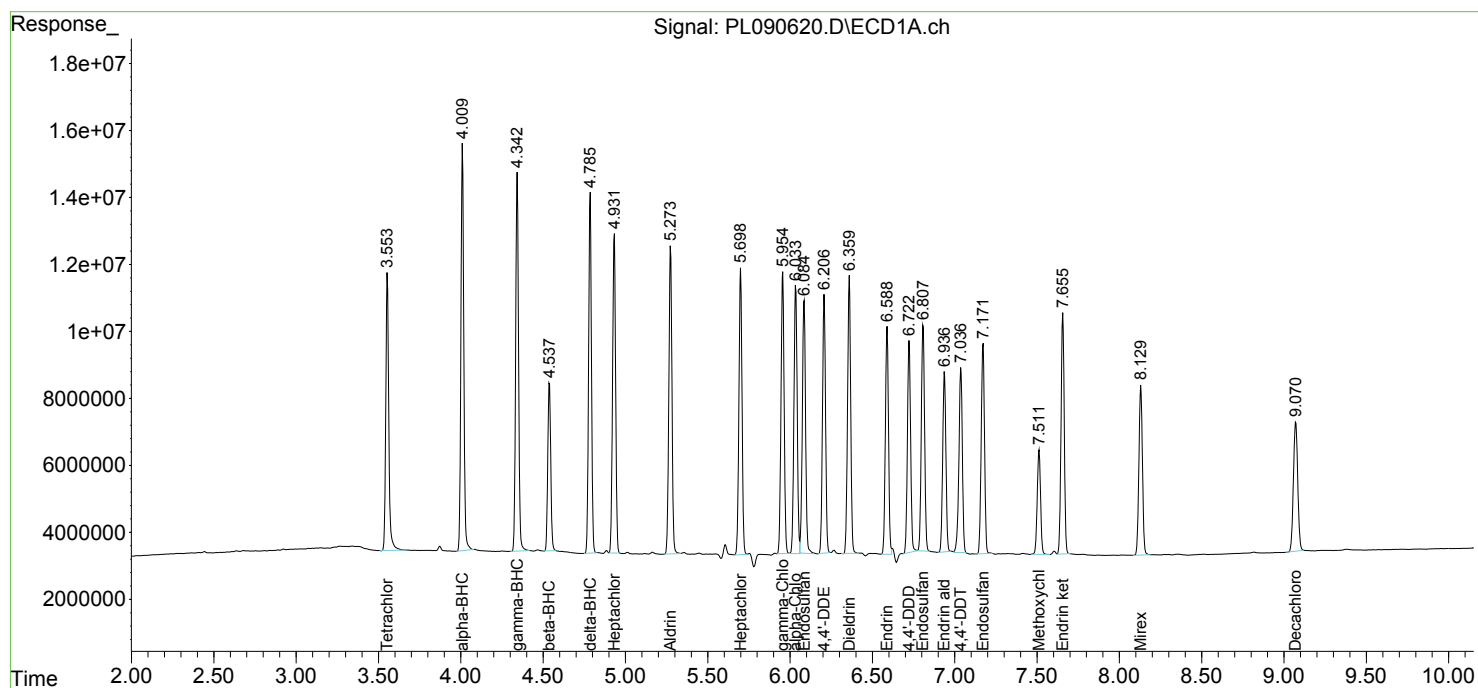
## APPROVED

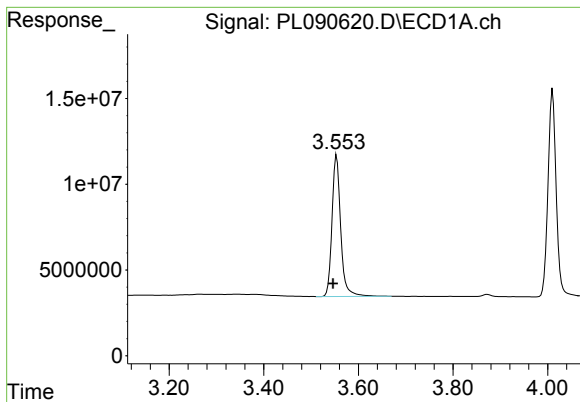
Reviewed By :Abdul Mirza 07/25/2024

Supervised By :Ankita Jodhani 07/25/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 01:35:52 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 14:16:48 2024  
Response via : Initial Calibration  
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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





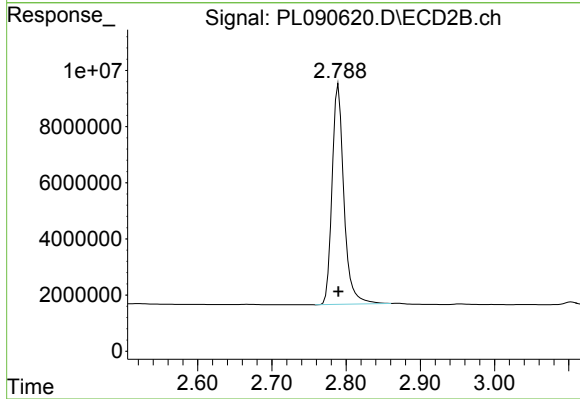
#1 Tetrachloro-m-xylene

R.T.: 3.554 min  
Delta R.T.: 0.007 min  
Response: 104972118  
Conc: 50.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

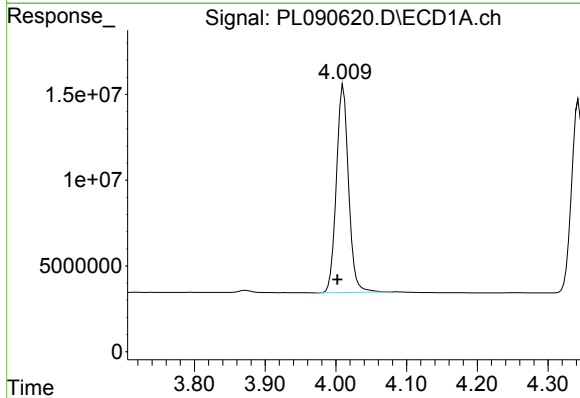
Manual Integrations  
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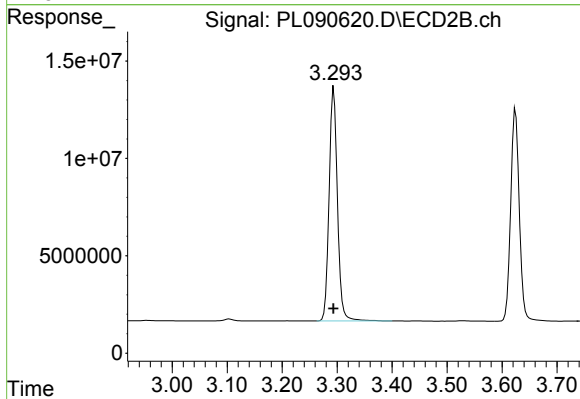
#1 Tetrachloro-m-xylene

R.T.: 2.790 min  
Delta R.T.: 0.000 min  
Response: 86856276  
Conc: 51.61 ng/ml



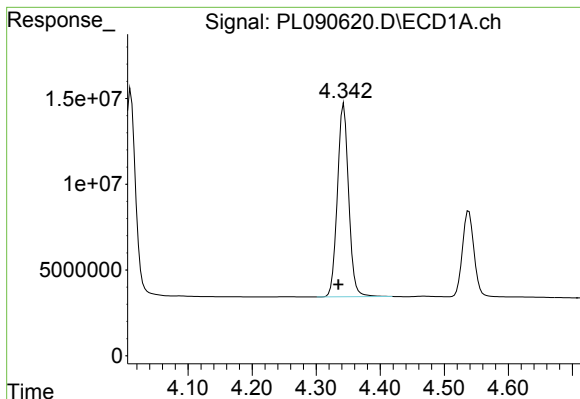
#2 alpha-BHC

R.T.: 4.011 min  
Delta R.T.: 0.008 min  
Response: 144963571  
Conc: 48.85 ng/ml



#2 alpha-BHC

R.T.: 3.294 min  
Delta R.T.: 0.000 min  
Response: 126003385  
Conc: 52.15 ng/ml



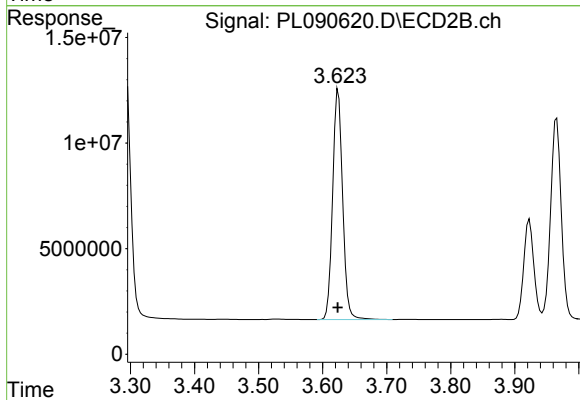
#3 gamma-BHC (Lindane)

R.T.: 4.343 min  
Delta R.T.: 0.009 min  
Response: 137474274  
Conc: 49.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

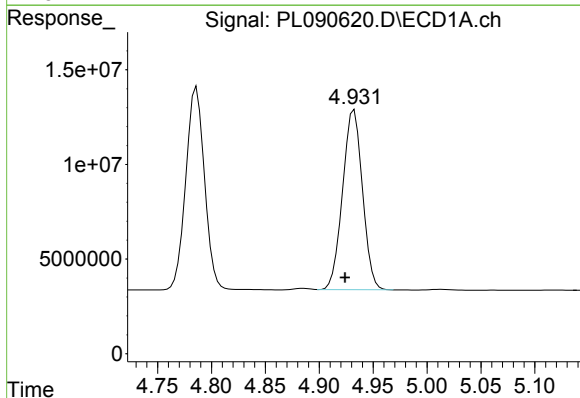
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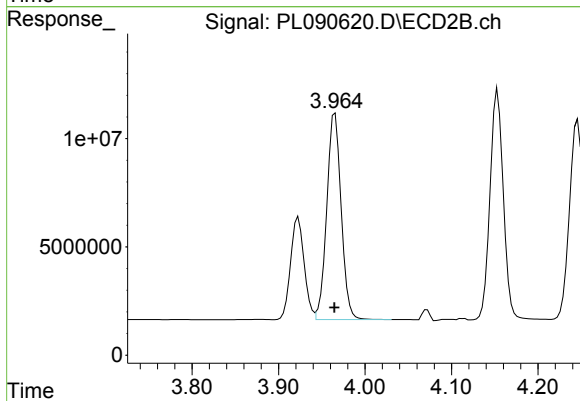
#3 gamma-BHC (Lindane)

R.T.: 3.625 min  
Delta R.T.: 0.000 min  
Response: 118278023  
Conc: 51.29 ng/ml



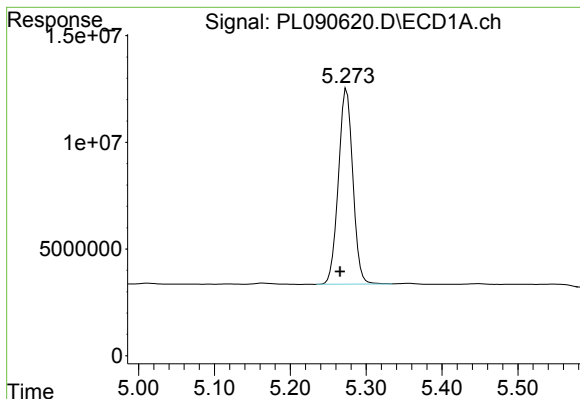
#4 Heptachlor

R.T.: 4.931 min  
Delta R.T.: 0.007 min  
Response: 122117347  
Conc: 47.98 ng/ml m



#4 Heptachlor

R.T.: 3.965 min  
Delta R.T.: 0.000 min  
Response: 110194890  
Conc: 49.95 ng/ml



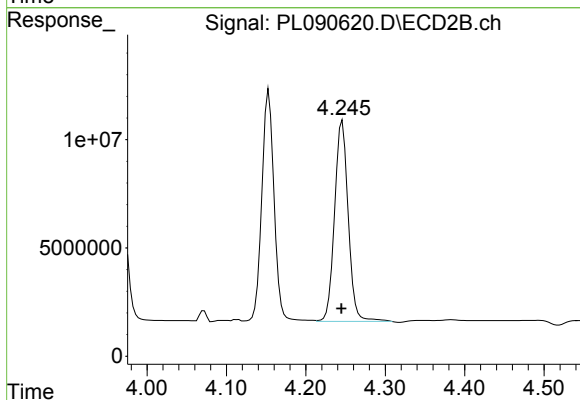
#5 Aldrin

R.T.: 5.273 min  
Delta R.T.: 0.007 min  
Response: 121063641  
Conc: 48.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

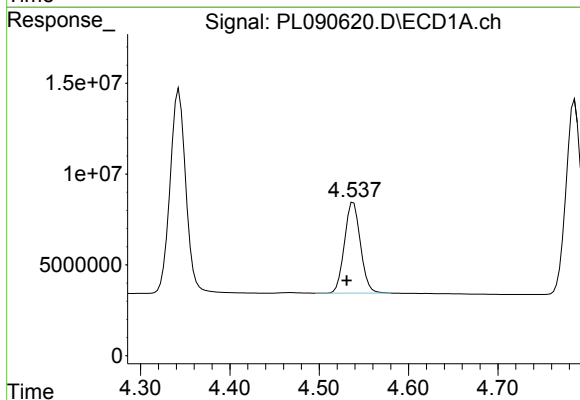
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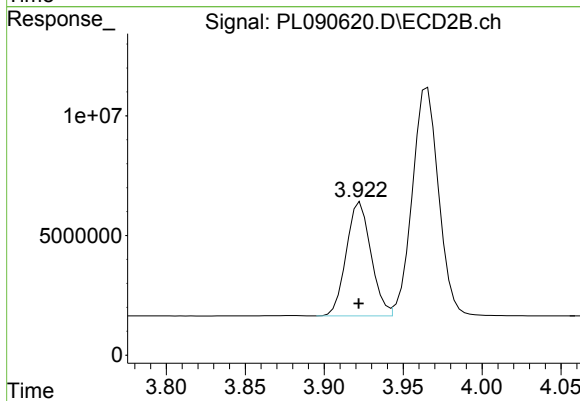
#5 Aldrin

R.T.: 4.245 min  
Delta R.T.: 0.000 min  
Response: 110489588  
Conc: 51.93 ng/ml m



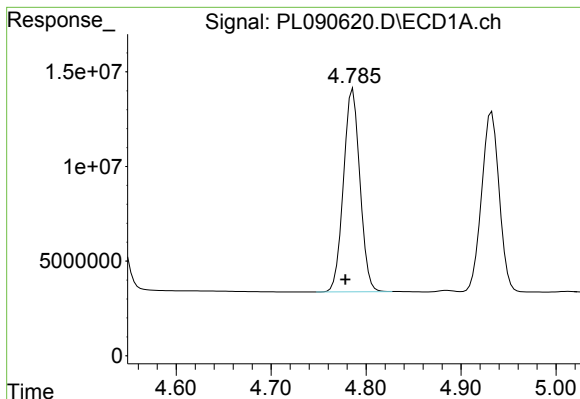
#6 beta-BHC

R.T.: 4.538 min  
Delta R.T.: 0.008 min  
Response: 62106070  
Conc: 48.96 ng/ml



#6 beta-BHC

R.T.: 3.923 min  
Delta R.T.: 0.000 min  
Response: 51880334  
Conc: 50.26 ng/ml



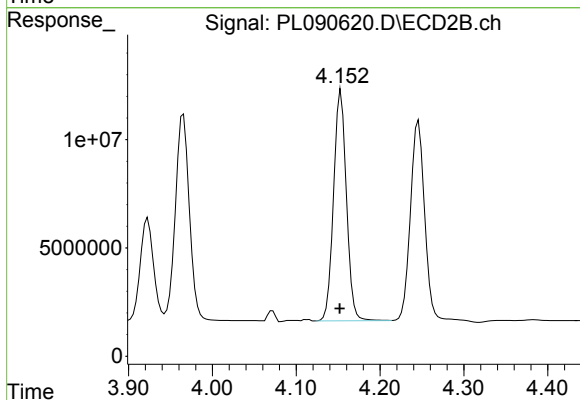
#7 delta-BHC

R.T.: 4.785 min  
Delta R.T.: 0.007 min  
Response: 129067089  
Conc: 48.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

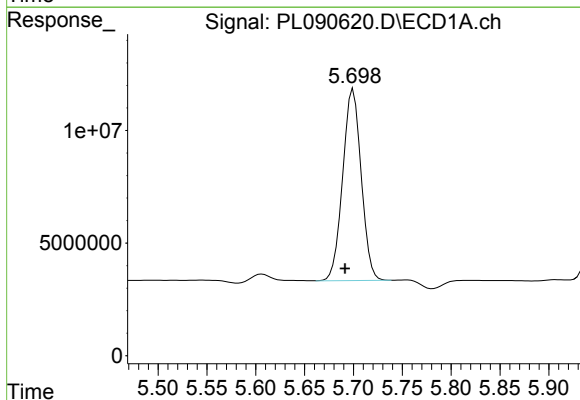
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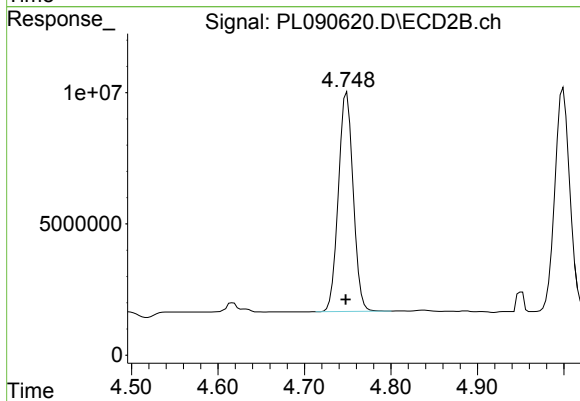
#7 delta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 113244792  
Conc: 51.48 ng/ml m



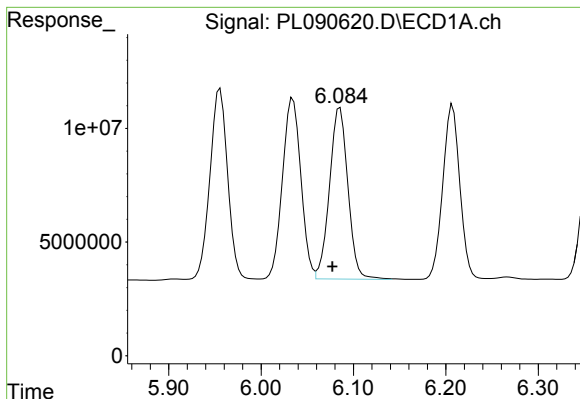
#8 Heptachlor epoxide

R.T.: 5.698 min  
Delta R.T.: 0.007 min  
Response: 112278476  
Conc: 47.77 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.749 min  
Delta R.T.: 0.001 min  
Response: 98521339  
Conc: 50.51 ng/ml



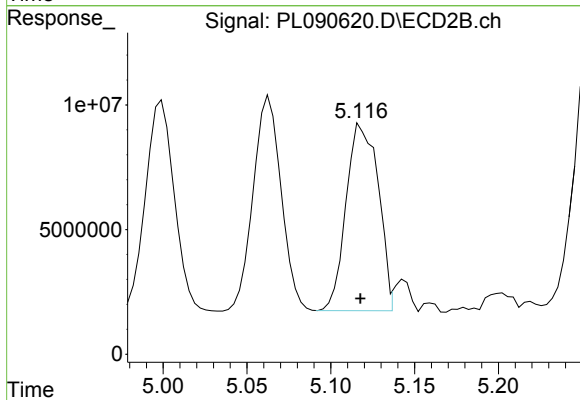
#9 Endosulfan I

R.T.: 6.084 min  
Delta R.T.: 0.007 min  
Response: 104197259  
Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

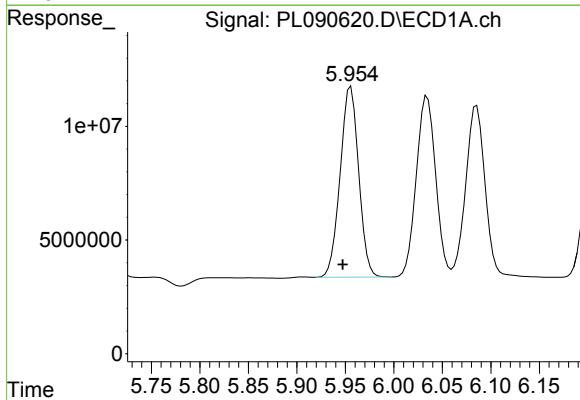
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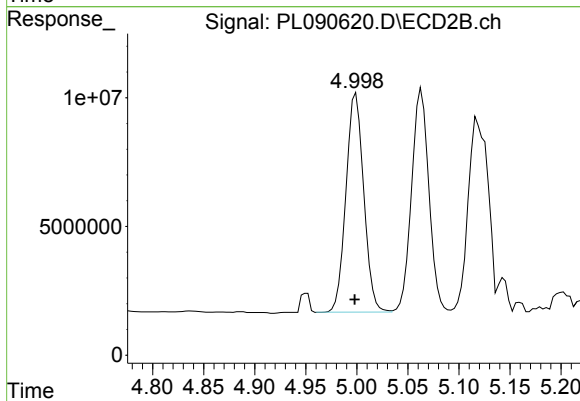
#9 Endosulfan I

R.T.: 5.116 min  
Delta R.T.: -0.001 min  
Response: 100594335  
Conc: 55.01 ng/ml m



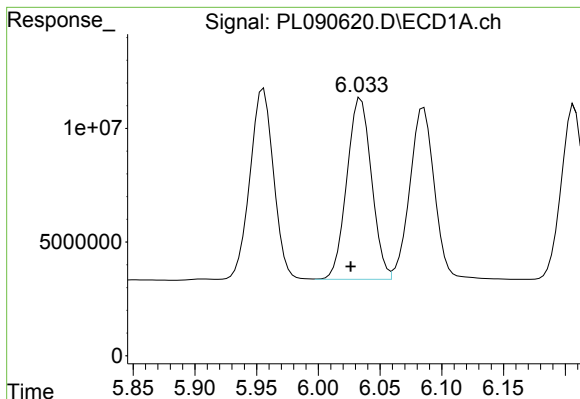
#10 gamma-Chlordane

R.T.: 5.954 min  
Delta R.T.: 0.007 min  
Response: 111288044  
Conc: 47.87 ng/ml m



#10 gamma-Chlordane

R.T.: 4.999 min  
Delta R.T.: 0.001 min  
Response: 103065907  
Conc: 50.84 ng/ml



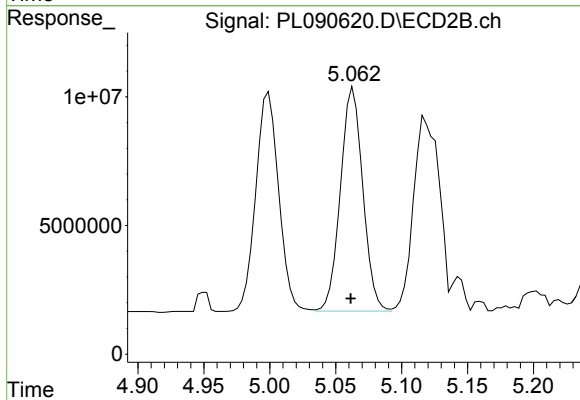
#11 alpha-Chlordane

R.T.: 6.033 min  
Delta R.T.: 0.007 min  
Response: 111878448  
Conc: 48.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

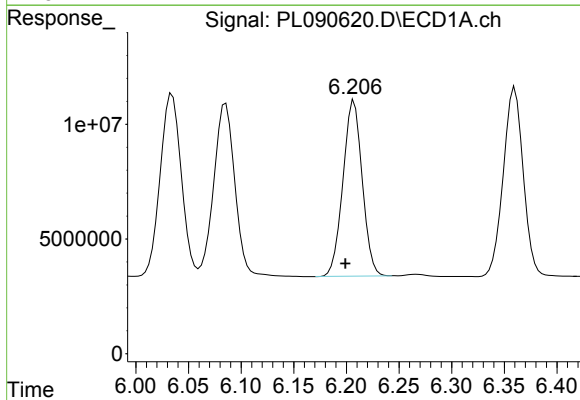
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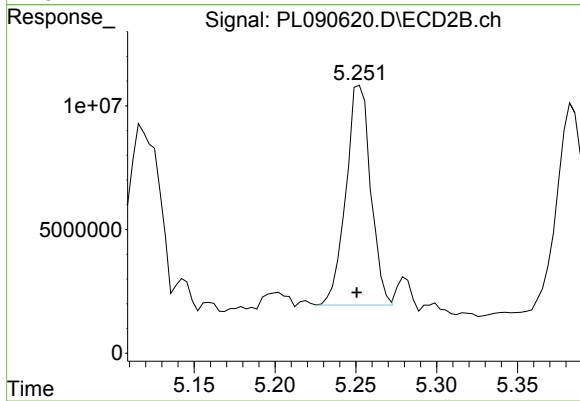
#11 alpha-Chlordane

R.T.: 5.063 min  
Delta R.T.: 0.002 min  
Response: 102631671  
Conc: 50.79 ng/ml



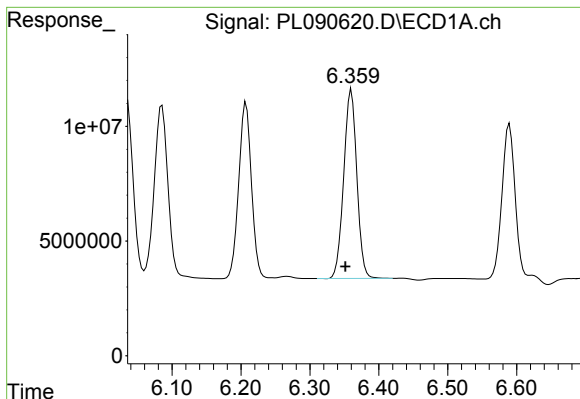
#12 4,4'-DDE

R.T.: 6.206 min  
Delta R.T.: 0.007 min  
Response: 98046715  
Conc: 48.49 ng/ml m



#12 4,4'-DDE

R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 95422873  
Conc: 53.39 ng/ml m



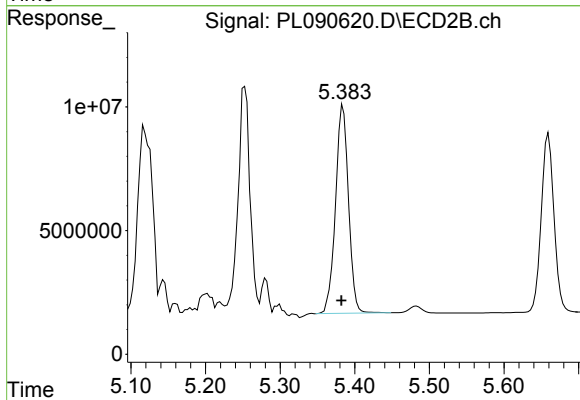
#13 Dieldrin

R.T.: 6.360 min  
Delta R.T.: 0.008 min  
Response: 108930278  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

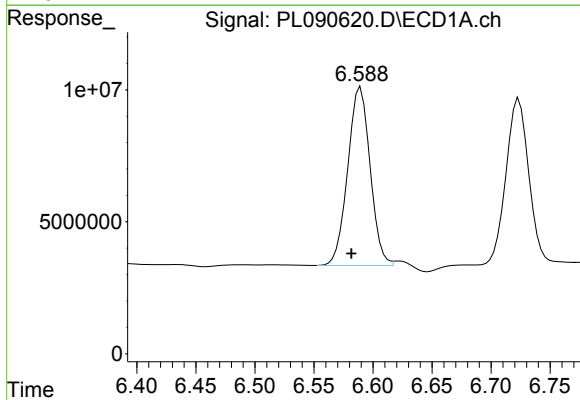
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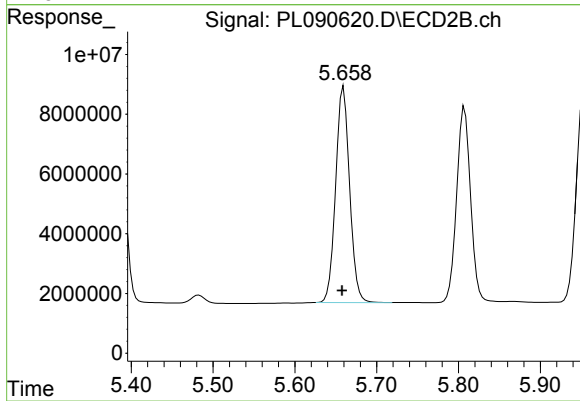
#13 Dieldrin

R.T.: 5.384 min  
Delta R.T.: 0.002 min  
Response: 102145699  
Conc: 52.09 ng/ml



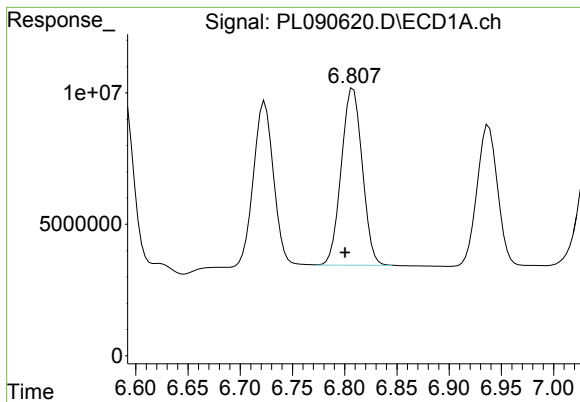
#14 Endrin

R.T.: 6.588 min  
Delta R.T.: 0.006 min  
Response: 89301776  
Conc: 48.57 ng/ml m



#14 Endrin

R.T.: 5.660 min  
Delta R.T.: 0.002 min  
Response: 85715135  
Conc: 49.80 ng/ml



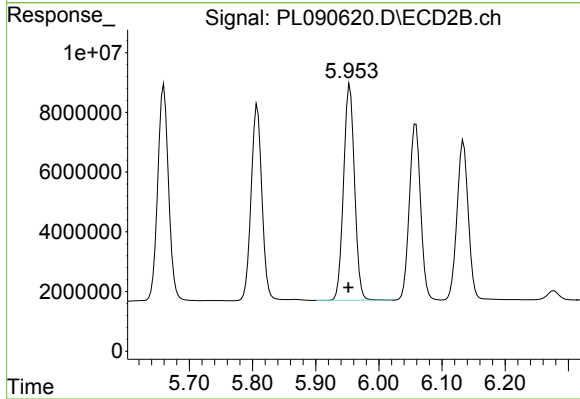
#15 Endosulfan II

R.T.: 6.807 min  
Delta R.T.: 0.006 min  
Response: 94033380  
Conc: 47.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

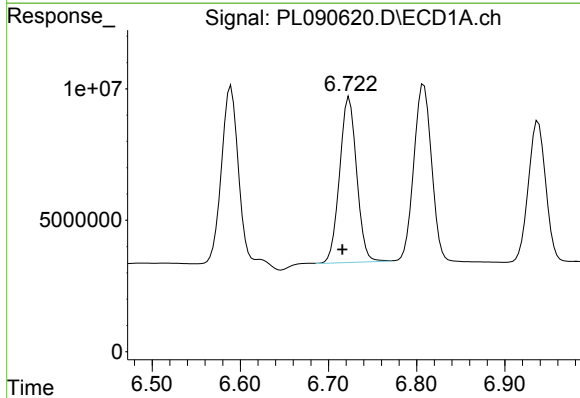
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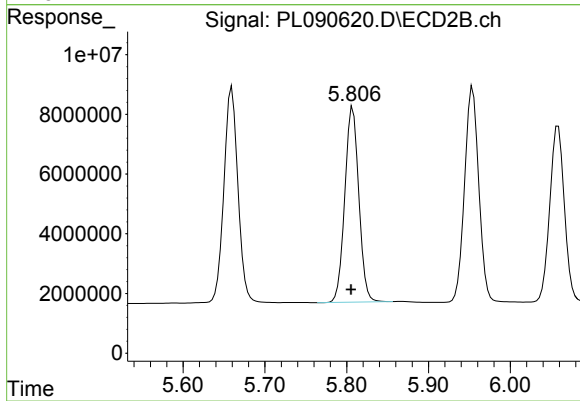
#15 Endosulfan II

R.T.: 5.954 min  
Delta R.T.: 0.003 min  
Response: 87280167  
Conc: 51.09 ng/ml



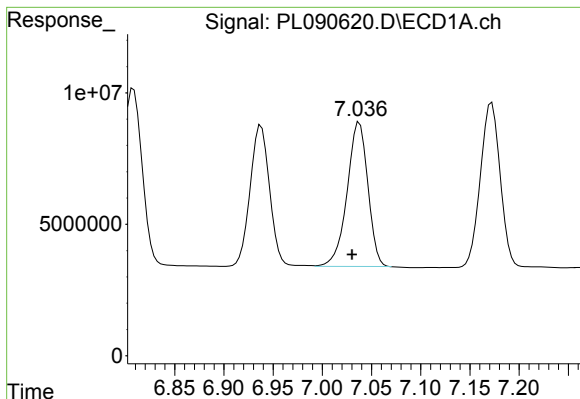
#16 4,4'-DDD

R.T.: 6.722 min  
Delta R.T.: 0.006 min  
Response: 84495315  
Conc: 50.05 ng/ml m



#16 4,4'-DDD

R.T.: 5.807 min  
Delta R.T.: 0.002 min  
Response: 77388389  
Conc: 51.65 ng/ml



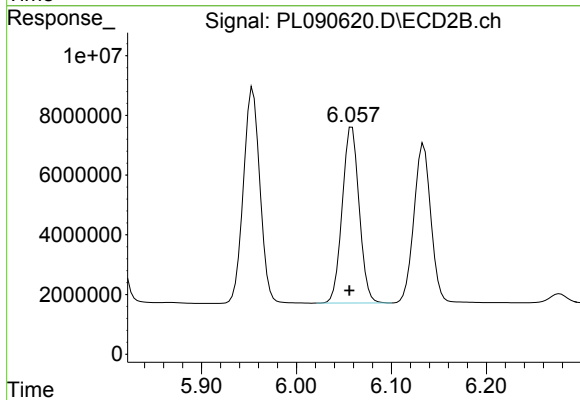
#17 4,4'-DDT

R.T.: 7.038 min  
Delta R.T.: 0.008 min  
Response: 80682144  
Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

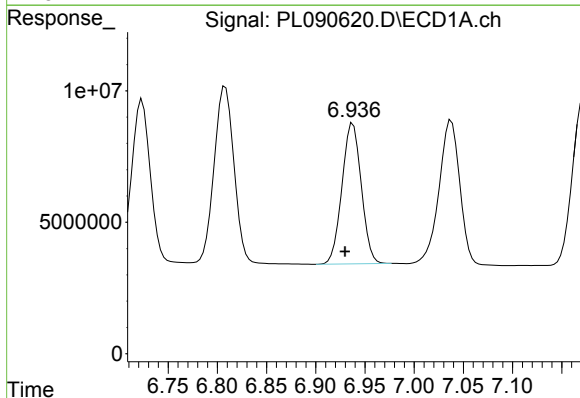
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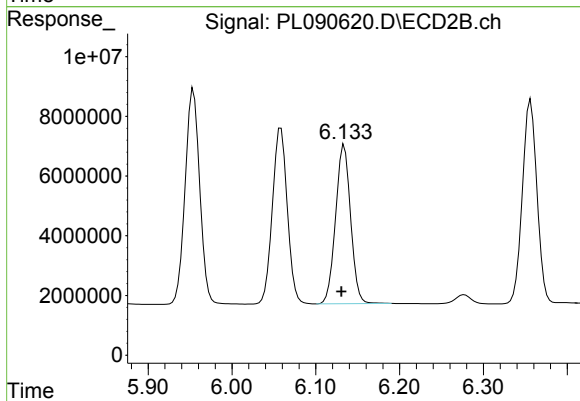
#17 4,4'-DDT

R.T.: 6.058 min  
Delta R.T.: 0.003 min  
Response: 73219888  
Conc: 49.97 ng/ml



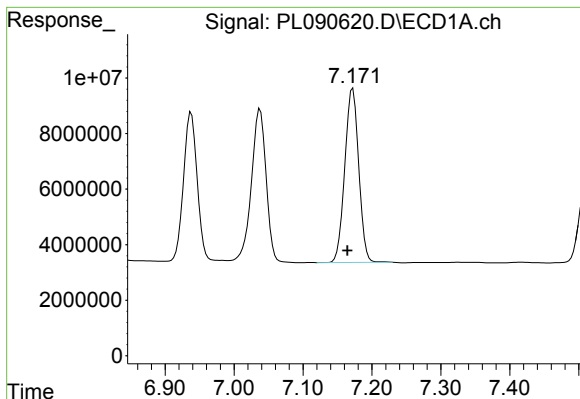
#18 Endrin aldehyde

R.T.: 6.936 min  
Delta R.T.: 0.006 min  
Response: 73057103  
Conc: 49.24 ng/ml m



#18 Endrin aldehyde

R.T.: 6.134 min  
Delta R.T.: 0.003 min  
Response: 66212240  
Conc: 50.68 ng/ml



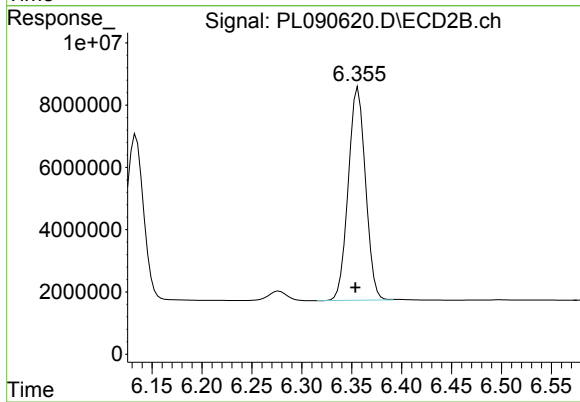
#19 Endosulfan Sulfate

R.T.: 7.172 min  
Delta R.T.: 0.008 min  
Response: 88163677  
Conc: 50.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

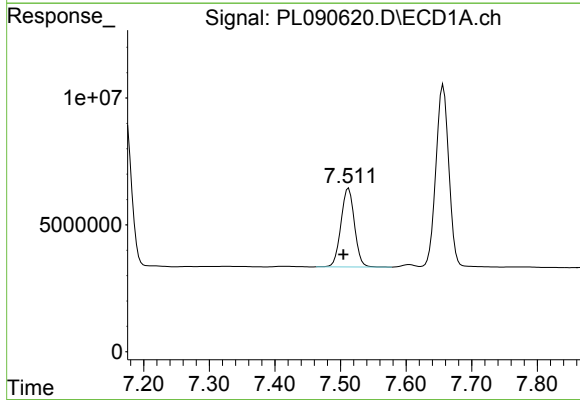
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Supervised By :Ankita Jodhani 07/25/2024



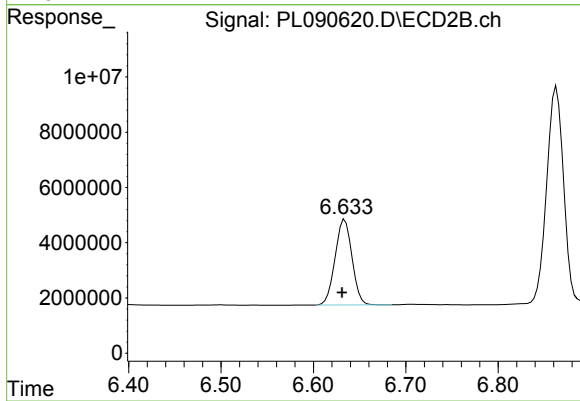
#19 Endosulfan Sulfate

R.T.: 6.356 min  
Delta R.T.: 0.003 min  
Response: 82217967  
Conc: 50.99 ng/ml



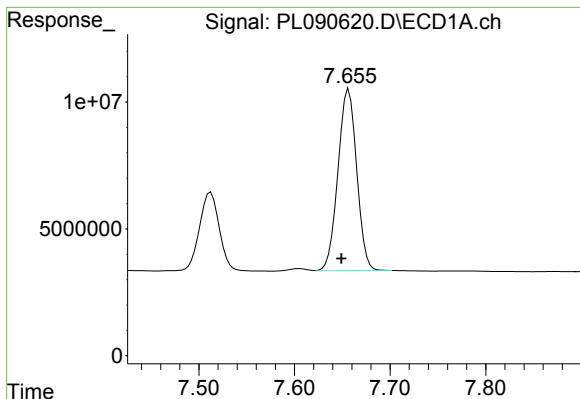
#20 Methoxychlor

R.T.: 7.512 min  
Delta R.T.: 0.008 min  
Response: 44461643  
Conc: 50.36 ng/ml



#20 Methoxychlor

R.T.: 6.634 min  
Delta R.T.: 0.003 min  
Response: 39379118  
Conc: 48.70 ng/ml



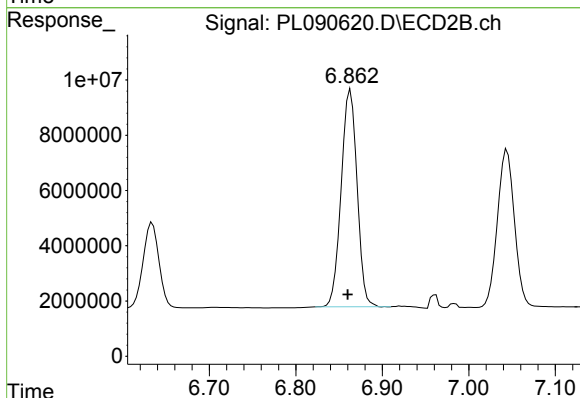
#21 Endrin ketone

R.T.: 7.657 min  
Delta R.T.: 0.008 min  
Response: 97649573  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

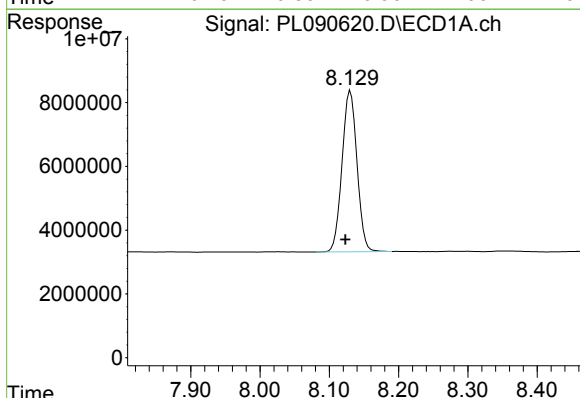
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/25/2024  
Supervised By :Ankita Jodhani 07/25/2024



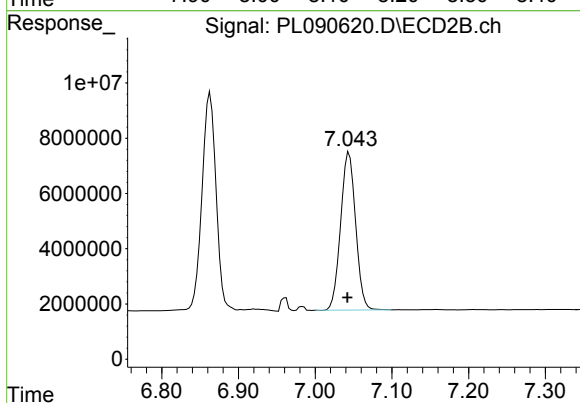
#21 Endrin ketone

R.T.: 6.863 min  
Delta R.T.: 0.003 min  
Response: 99863421  
Conc: 54.64 ng/ml



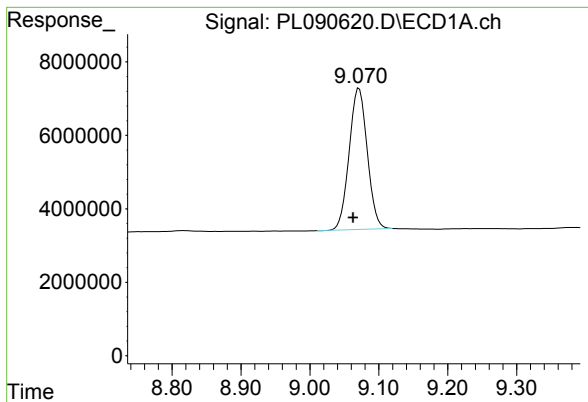
#22 Mirex

R.T.: 8.130 min  
Delta R.T.: 0.007 min  
Response: 75710689  
Conc: 53.46 ng/ml



#22 Mirex

R.T.: 7.044 min  
Delta R.T.: 0.002 min  
Response: 77751617  
Conc: 52.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.009 min  
Response: 70159921  
Conc: 52.80 ng/ml

Instrument :

ECD\_L

ClientSampleId :

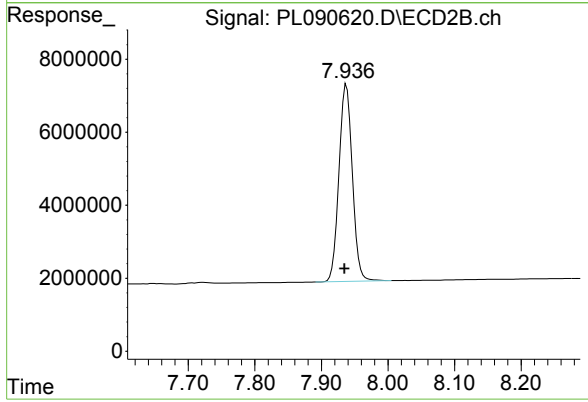
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/25/2024

Supervised By :Ankita Jodhani 07/25/2024



#28 Decachlorobiphenyl

R.T.: 7.938 min  
Delta R.T.: 0.003 min  
Response: 75388629  
Conc: 51.70 ng/ml