

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092724\  
 Data File : PL092134.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Sep 2024 20:20  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/29/2024  
 Supervised By :Ankita Jodhani 09/30/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 28 00:27:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 23 16:44:57 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... | 3.543 | 2.781 | 109.3E6  | 138.1E6  | 49.141  | 55.073   |
| 28)                         | SA Decachlor... | 9.060 | 7.922 | 74873049 | 117.8E6  | 45.704  | 47.076   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.998 | 3.284 | 154.7E6  | 204.7E6  | 49.947  | 56.173   |
| 3)                          | MA gamma-BHC... | 4.331 | 3.614 | 155.3E6  | 194.3E6  | 50.102  | 55.026   |
| 4)                          | MA Heptachlor   | 4.920 | 3.954 | 129.2E6  | 179.1E6  | 46.725  | 51.907   |
| 5)                          | MB Aldrin       | 5.261 | 4.232 | 131.2E6  | 182.8E6  | 47.220  | 53.746m  |
| 6)                          | B beta-BHC      | 4.528 | 3.914 | 62746451 | 80041239 | 47.307  | 53.251   |
| 7)                          | B delta-BHC     | 4.775 | 4.143 | 141.1E6  | 199.0E6  | 48.906  | 57.317   |
| 8)                          | B Heptachlo...  | 5.687 | 4.736 | 121.3E6  | 158.4E6  | 47.661m | 52.404   |
| 9)                          | A Endosulfan I  | 6.072 | 5.106 | 102.6E6  | 124.3E6  | 44.333m | 45.292   |
| 10)                         | B gamma-Chl...  | 5.942 | 4.987 | 115.6E6  | 159.4E6  | 46.768m | 52.990   |
| 11)                         | B alpha-Chl...  | 6.021 | 5.050 | 116.5E6  | 155.2E6  | 47.299m | 51.838   |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.238 | 101.7E6  | 150.0E6  | 46.991  | 53.978m  |
| 13)                         | MA Dieldrin     | 6.349 | 5.371 | 112.0E6  | 156.5E6  | 45.912  | 53.372   |
| 14)                         | MA Endrin       | 6.578 | 5.647 | 88247412 | 142.2E6  | 42.824  | 54.234 # |
| 15)                         | B Endosulfa...  | 6.798 | 5.941 | 104.1E6  | 129.8E6  | 47.318  | 51.881   |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.794 | 85469091 | 122.1E6  | 47.596m | 57.149   |
| 17)                         | MA 4,4'-DDT     | 7.027 | 6.044 | 80771244 | 113.3E6  | 43.869  | 48.971   |
| 18)                         | B Endrin al...  | 6.927 | 6.120 | 81793792 | 104.1E6  | 46.933  | 51.000   |
| 19)                         | B Endosulfa...  | 7.162 | 6.343 | 88764256 | 122.0E6  | 44.779  | 50.559   |
| 20)                         | A Methoxychlor  | 7.503 | 6.620 | 40920075 | 60214118 | 41.682  | 48.158   |
| 21)                         | B Endrin ke...  | 7.647 | 6.847 | 97382029 | 150.7E6  | 44.314  | 54.411m  |
| 22)                         | Mirex           | 8.121 | 7.028 | 78636200 | 114.9E6  | 43.663  | 47.231m  |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092724\  
Data File : PL092134.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Sep 2024 20:20  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

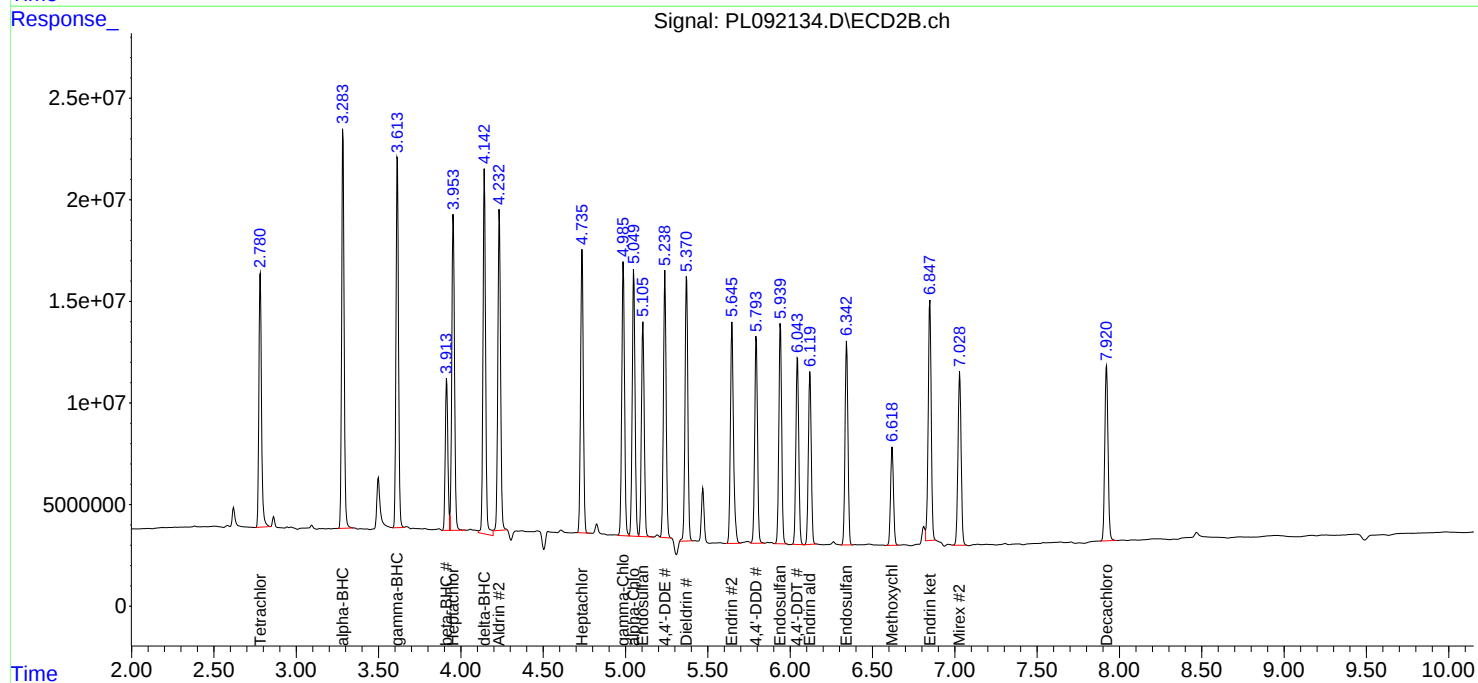
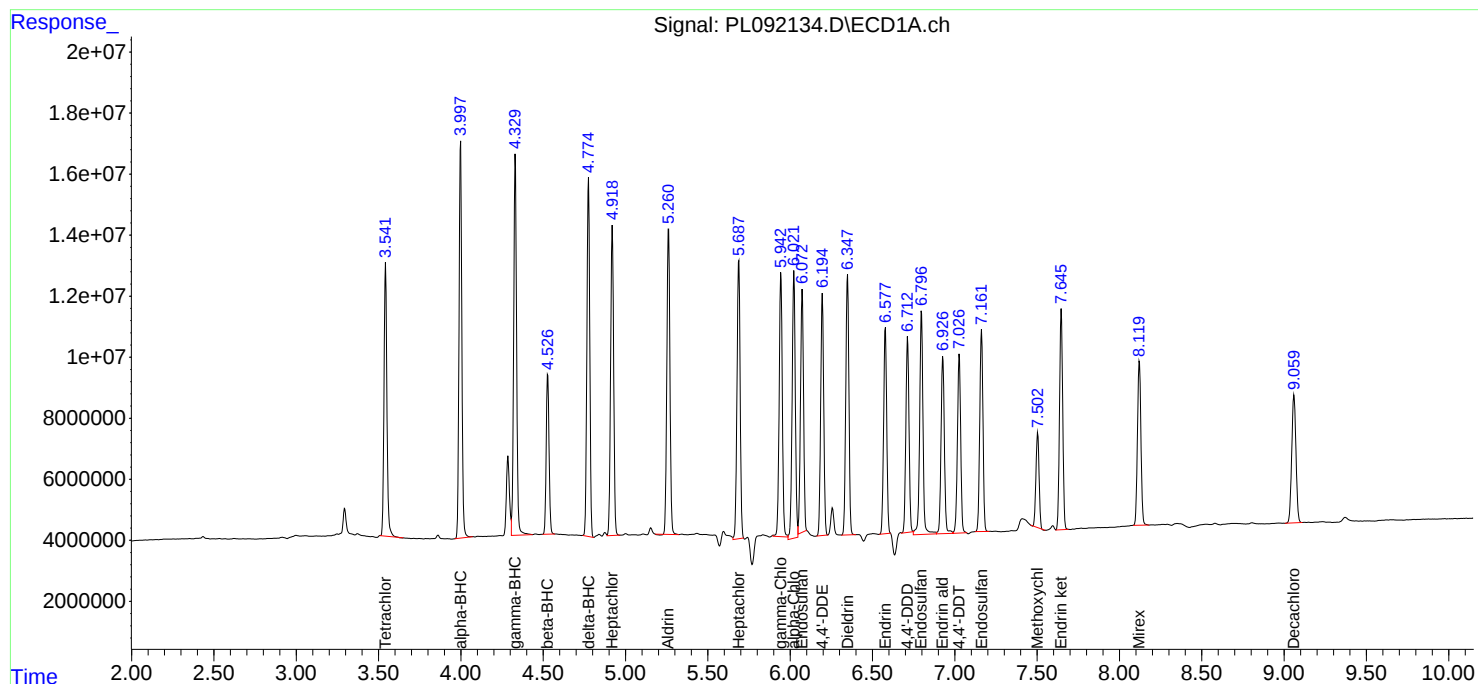
## APPROVED

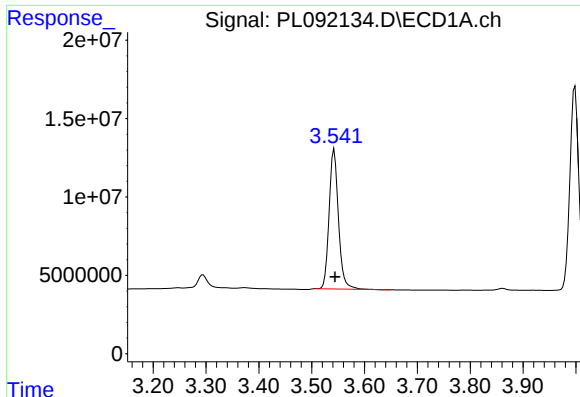
Reviewed By :Abdul Mirza 09/29/2024

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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 28 00:27:56 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 23 16:44:57 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





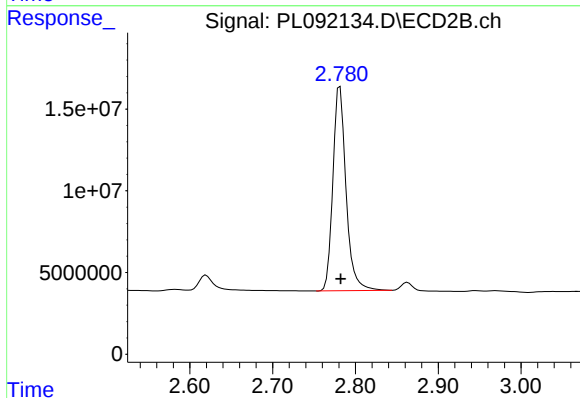
#1 Tetrachloro-m-xylene

R.T.: 3.543 min  
Delta R.T.: -0.001 min  
Response: 109322847  
Conc: 49.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

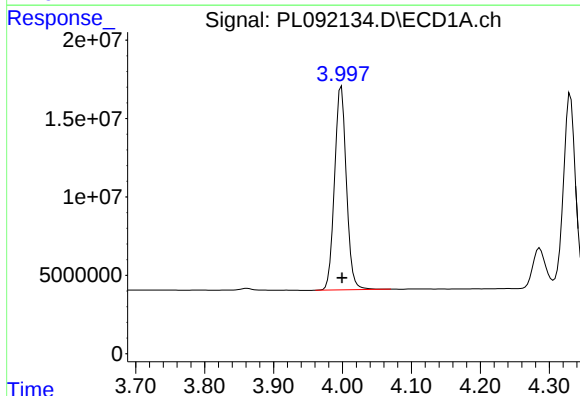
Manual Integrations  
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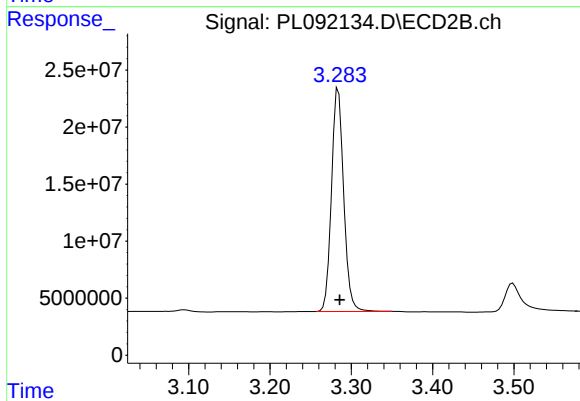
#1 Tetrachloro-m-xylene

R.T.: 2.781 min  
Delta R.T.: 0.000 min  
Response: 138126501  
Conc: 55.07 ng/ml



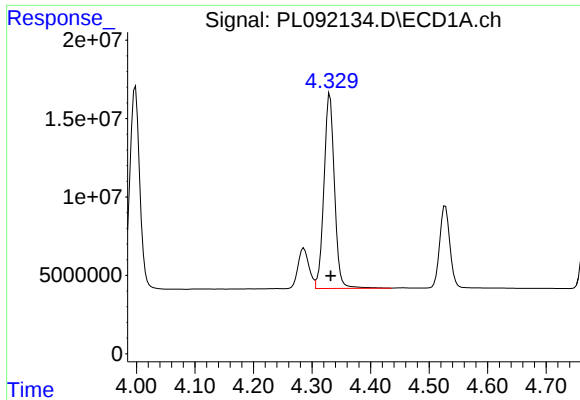
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.000 min  
Response: 154662884  
Conc: 49.95 ng/ml



#2 alpha-BHC

R.T.: 3.284 min  
Delta R.T.: -0.001 min  
Response: 204657335  
Conc: 56.17 ng/ml



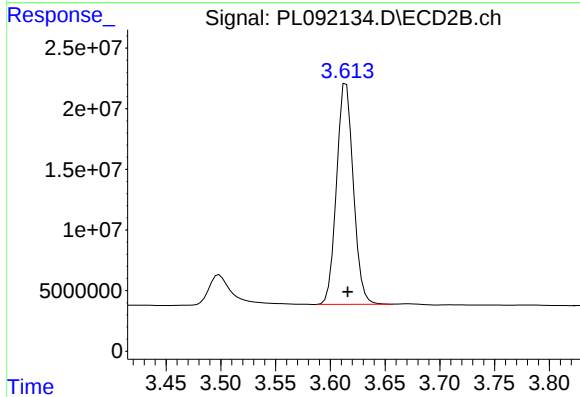
#3 gamma-BHC (Lindane)

R.T.: 4.331 min  
Delta R.T.: -0.002 min  
Response: 155257564  
Conc: 50.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

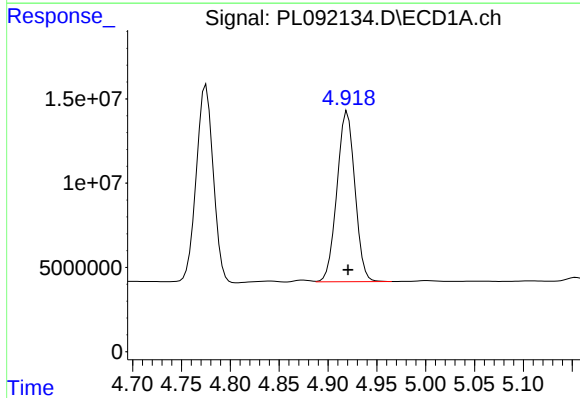
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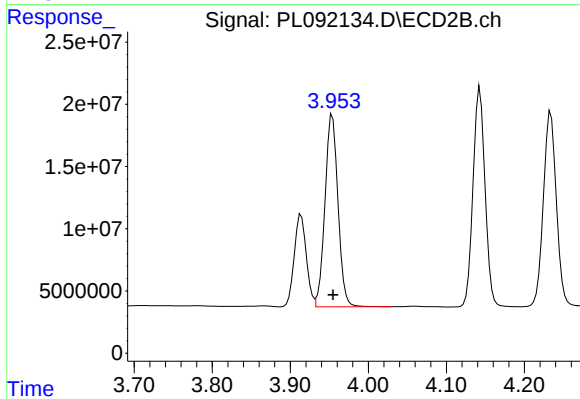
#3 gamma-BHC (Lindane)

R.T.: 3.614 min  
Delta R.T.: -0.001 min  
Response: 194296890  
Conc: 55.03 ng/ml



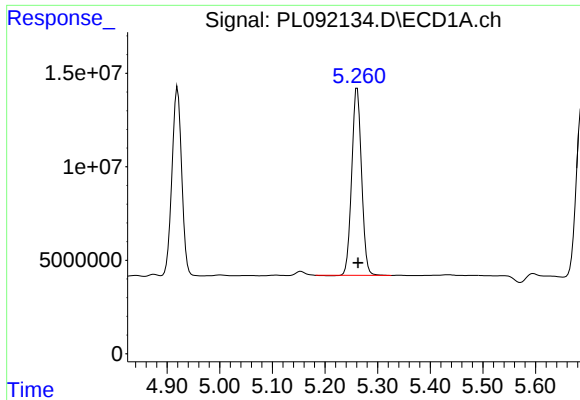
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 129214910  
Conc: 46.72 ng/ml



#4 Heptachlor

R.T.: 3.954 min  
Delta R.T.: -0.001 min  
Response: 179111423  
Conc: 51.91 ng/ml



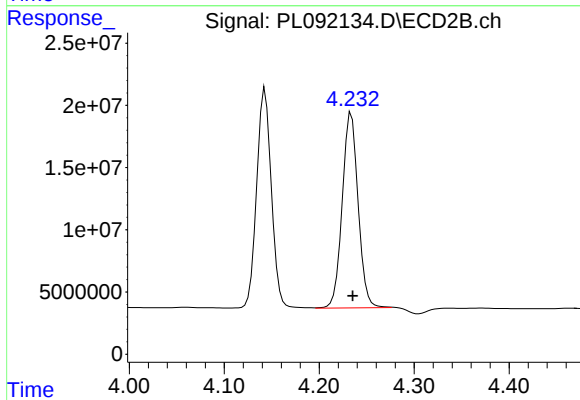
#5 Aldrin

R.T.: 5.261 min  
Delta R.T.: -0.002 min  
Response: 131157748  
Conc: 47.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

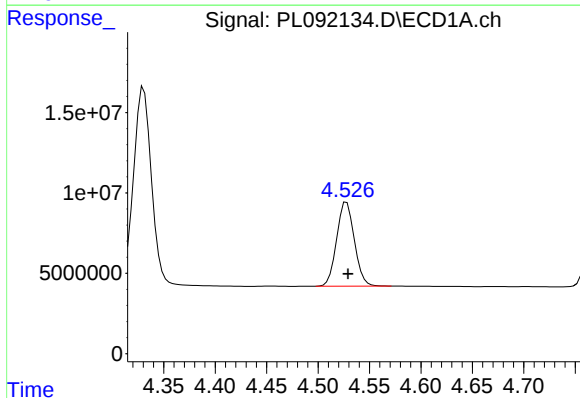
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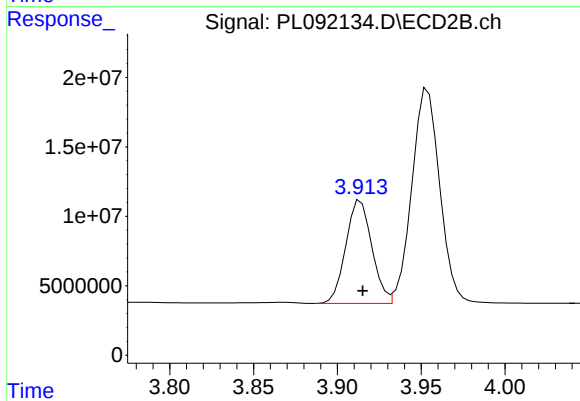
#5 Aldrin

R.T.: 4.232 min  
Delta R.T.: -0.003 min  
Response: 182794368  
Conc: 53.75 ng/ml m



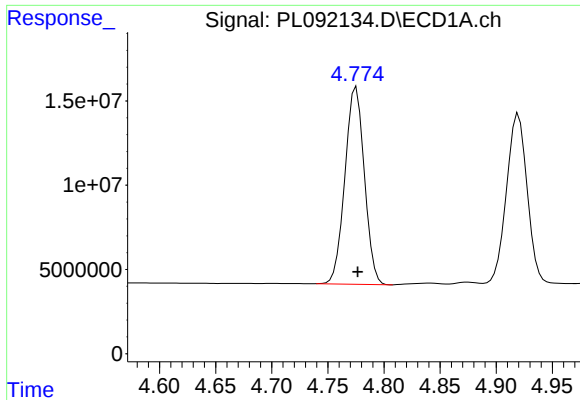
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: -0.001 min  
Response: 62746451  
Conc: 47.31 ng/ml



#6 beta-BHC

R.T.: 3.914 min  
Delta R.T.: -0.001 min  
Response: 80041239  
Conc: 53.25 ng/ml



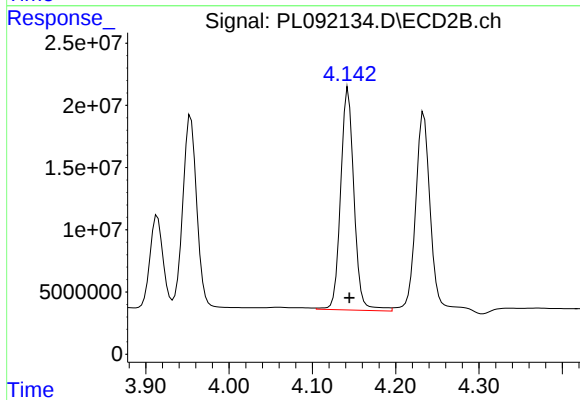
#7 delta-BHC

R.T.: 4.775 min  
Delta R.T.: -0.001 min  
Response: 141055355  
Conc: 48.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

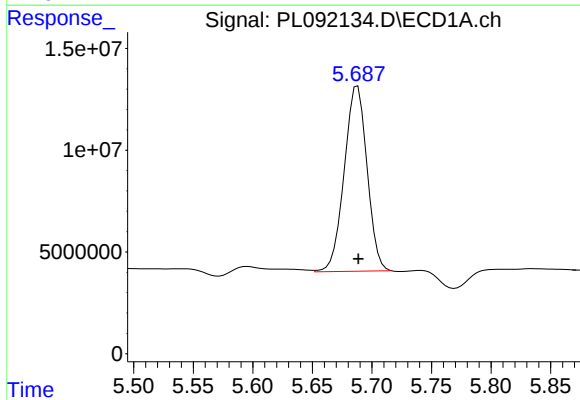
Manual Integrations  
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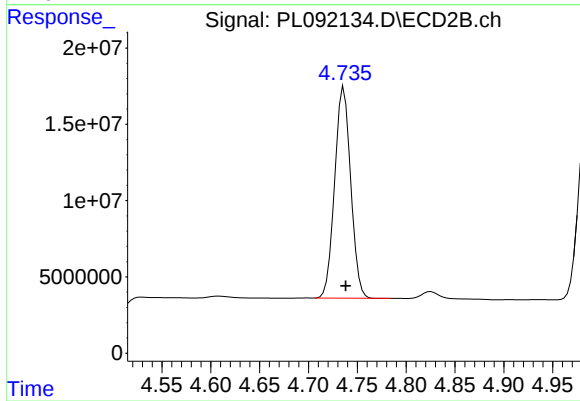
#7 delta-BHC

R.T.: 4.143 min  
Delta R.T.: -0.002 min  
Response: 198986060  
Conc: 57.32 ng/ml



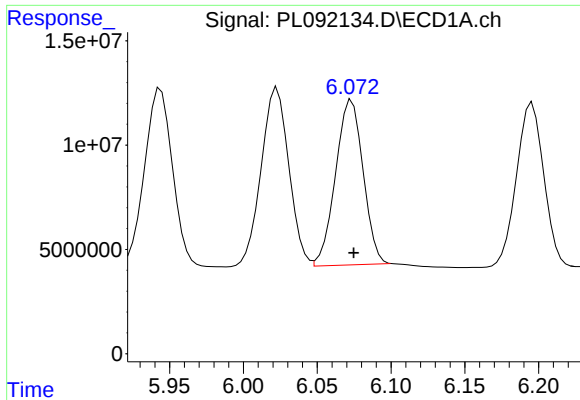
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.002 min  
Response: 121297670  
Conc: 47.66 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.736 min  
Delta R.T.: -0.002 min  
Response: 158411414  
Conc: 52.40 ng/ml



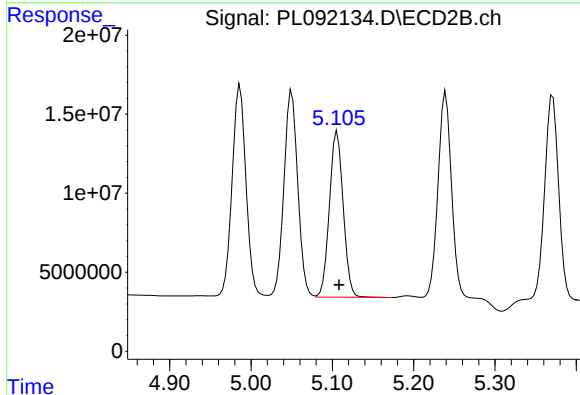
#9 Endosulfan I

R.T.: 6.072 min  
Delta R.T.: -0.003 min  
Response: 102560168  
Conc: 44.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

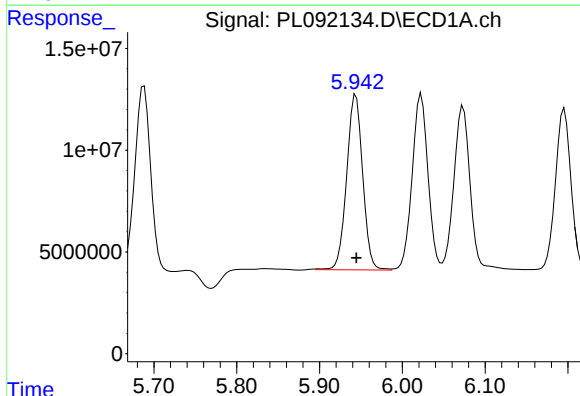
Manual Integrations  
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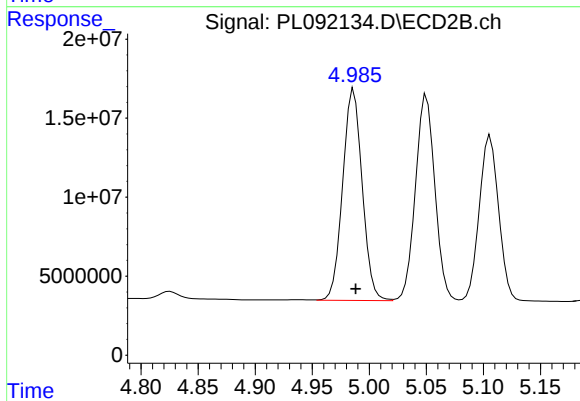
#9 Endosulfan I

R.T.: 5.106 min  
Delta R.T.: -0.002 min  
Response: 124309191  
Conc: 45.29 ng/ml



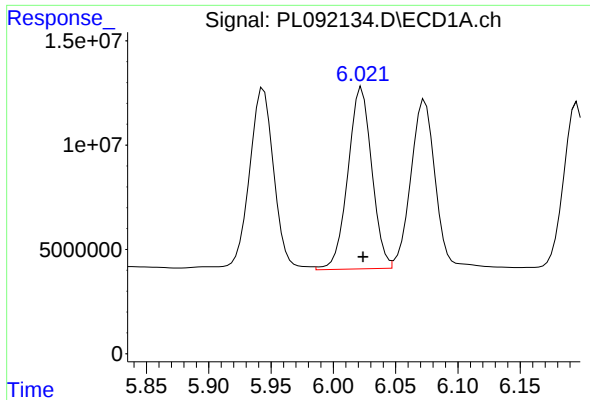
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.002 min  
Response: 115574147  
Conc: 46.77 ng/ml m



#10 gamma-Chlordane

R.T.: 4.987 min  
Delta R.T.: -0.002 min  
Response: 159423105  
Conc: 52.99 ng/ml



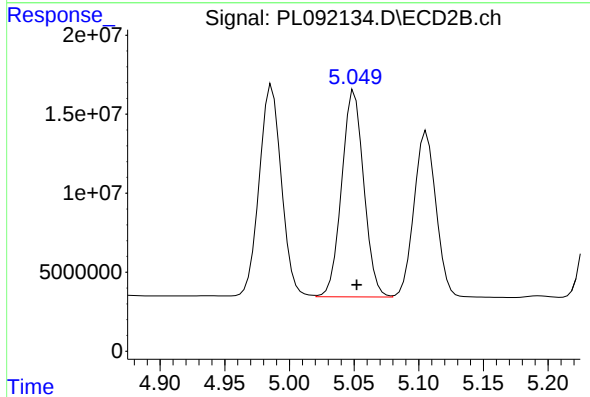
#11 alpha-Chlordane

R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 116512182  
Conc: 47.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

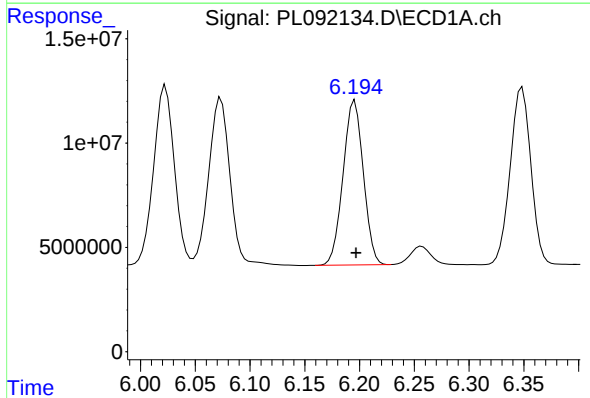
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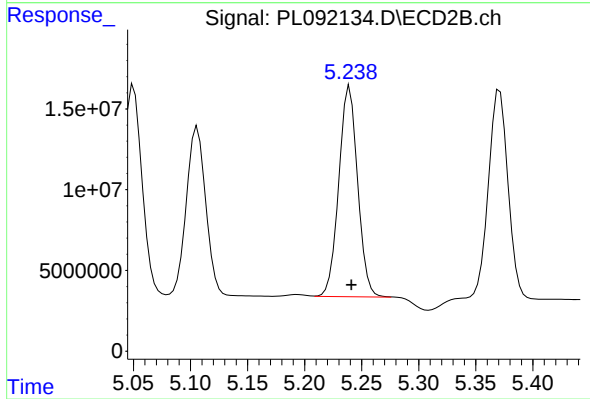
#11 alpha-Chlordane

R.T.: 5.050 min  
Delta R.T.: -0.002 min  
Response: 155179356  
Conc: 51.84 ng/ml



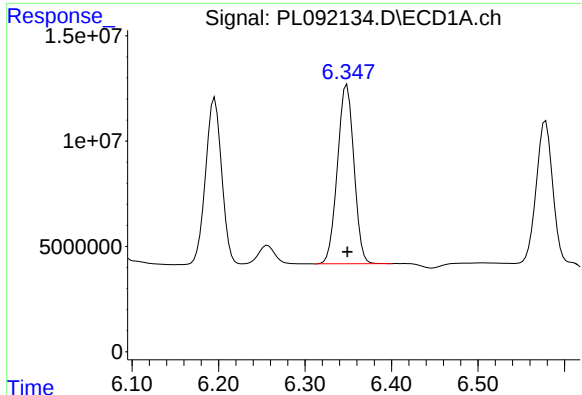
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: -0.001 min  
Response: 101707423  
Conc: 46.99 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min  
Delta R.T.: -0.003 min  
Response: 149996105  
Conc: 53.98 ng/ml m



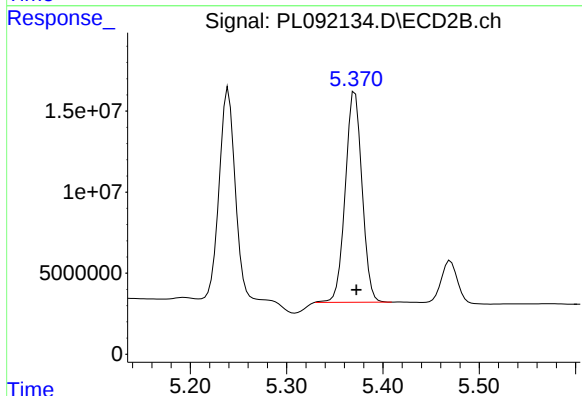
#13 Dieldrin

R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 111974006  
Conc: 45.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

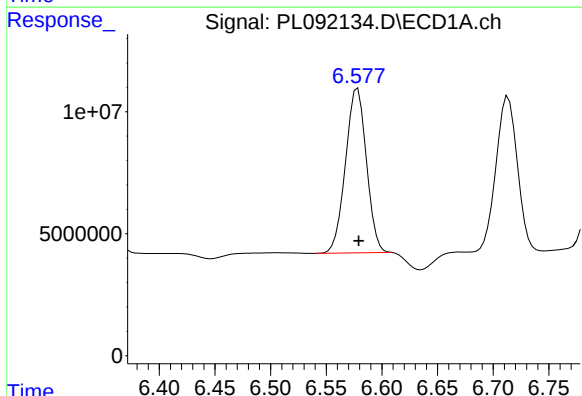
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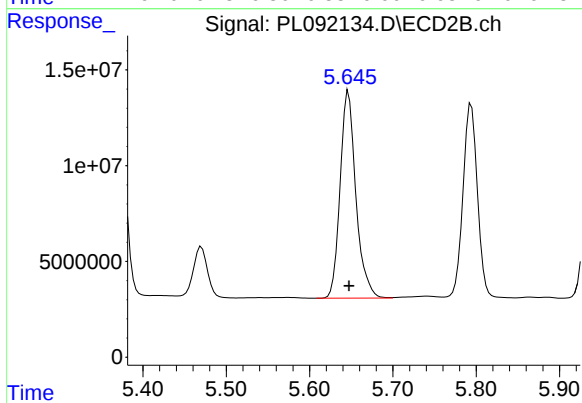
#13 Dieldrin

R.T.: 5.371 min  
Delta R.T.: -0.001 min  
Response: 156477420  
Conc: 53.37 ng/ml



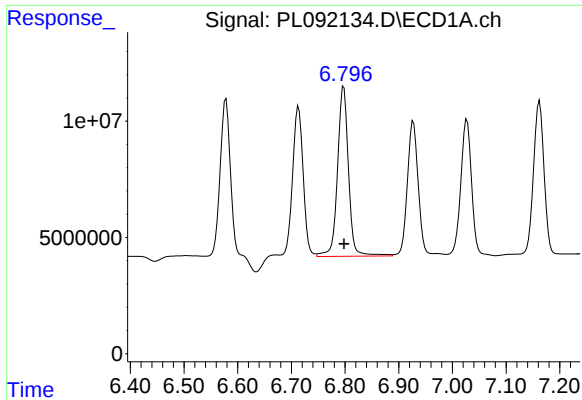
#14 Endrin

R.T.: 6.578 min  
Delta R.T.: 0.000 min  
Response: 88247412  
Conc: 42.82 ng/ml



#14 Endrin

R.T.: 5.647 min  
Delta R.T.: 0.000 min  
Response: 142212271  
Conc: 54.23 ng/ml



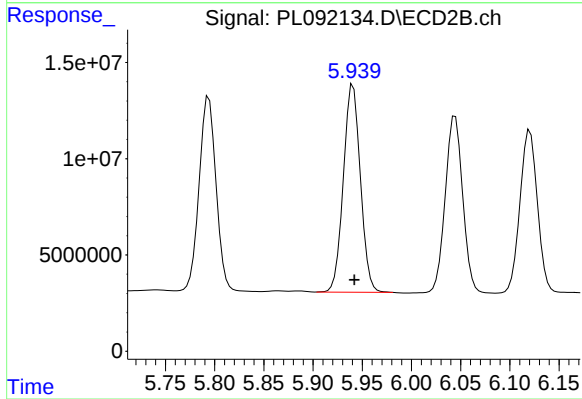
#15 Endosulfan II

R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 104086309  
Conc: 47.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

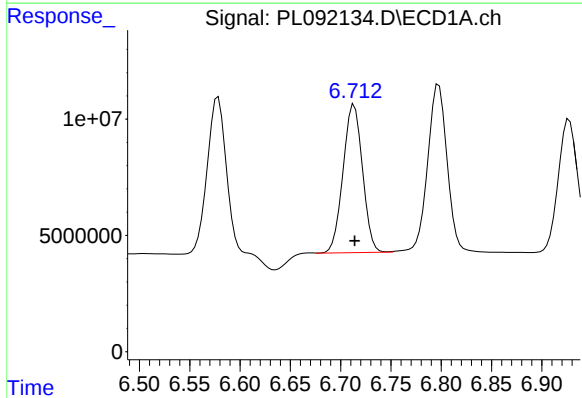
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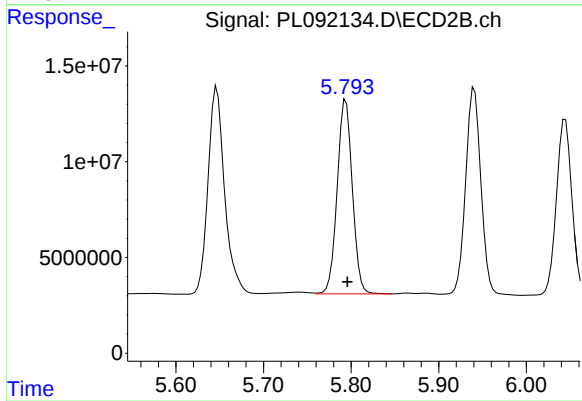
#15 Endosulfan II

R.T.: 5.941 min  
Delta R.T.: -0.001 min  
Response: 129828312  
Conc: 51.88 ng/ml



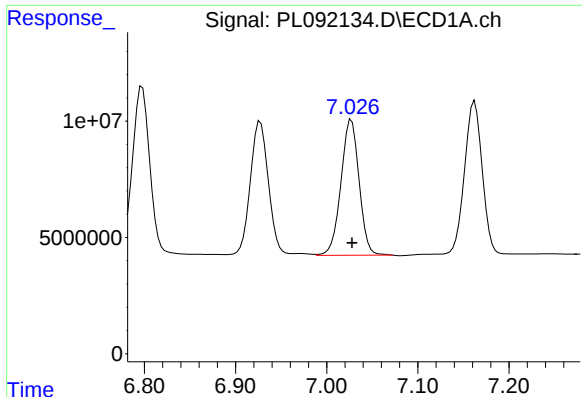
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: -0.002 min  
Response: 85469091  
Conc: 47.60 ng/ml m



#16 4,4'-DDD

R.T.: 5.794 min  
Delta R.T.: -0.002 min  
Response: 122082512  
Conc: 57.15 ng/ml



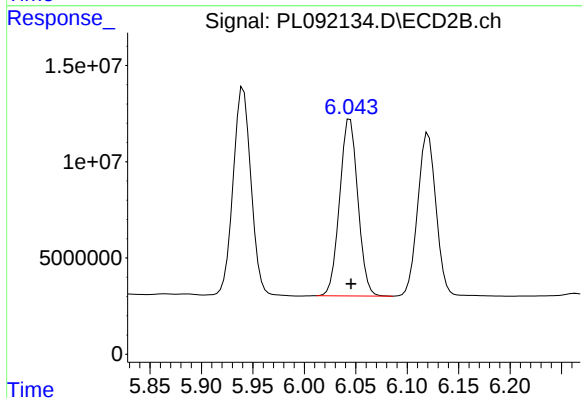
#17 4,4'-DDT

R.T.: 7.027 min  
Delta R.T.: 0.000 min  
Response: 80771244  
Conc: 43.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

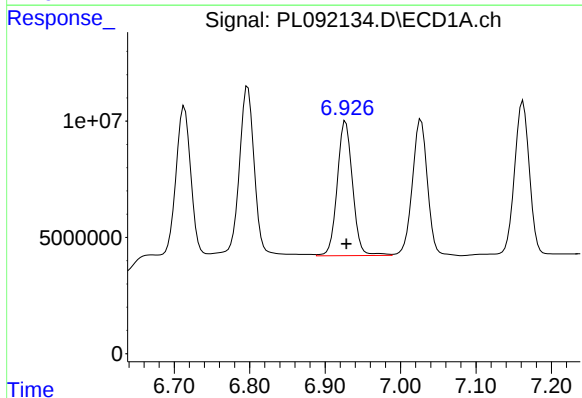
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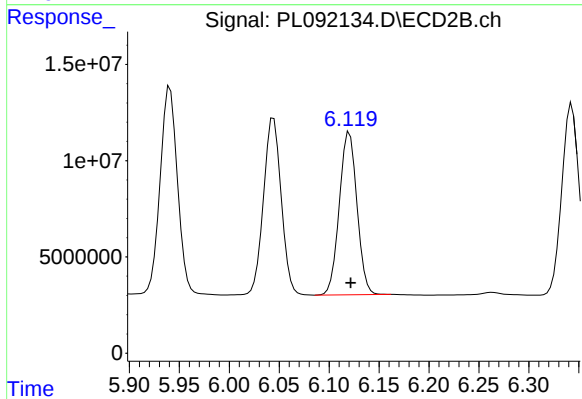
#17 4,4'-DDT

R.T.: 6.044 min  
Delta R.T.: -0.001 min  
Response: 113277234  
Conc: 48.97 ng/ml



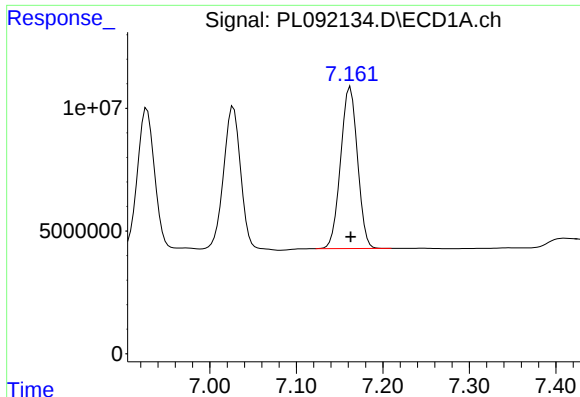
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 81793792  
Conc: 46.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min  
Delta R.T.: -0.001 min  
Response: 104077251  
Conc: 51.00 ng/ml



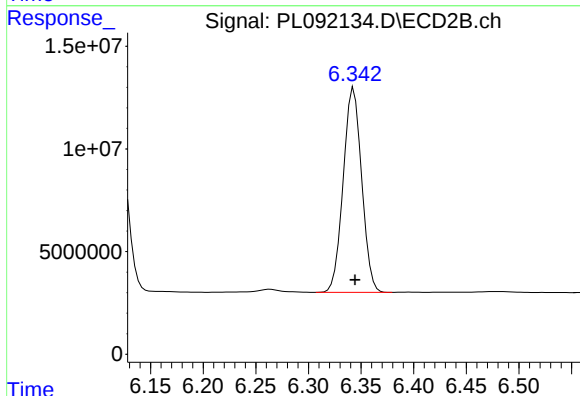
#19 Endosulfan Sulfate

R.T.: 7.162 min  
Delta R.T.: 0.000 min  
Response: 88764256  
Conc: 44.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

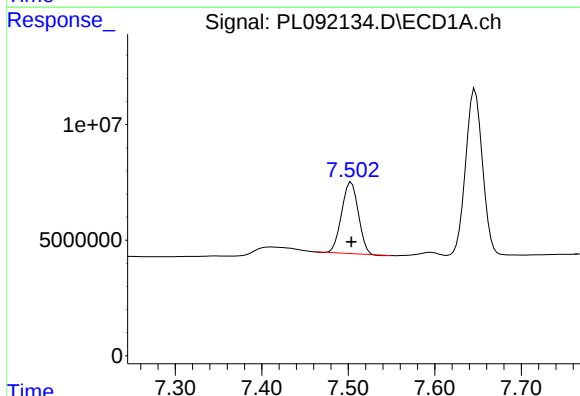
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/29/2024  
Supervised By :Ankita Jodhani 09/30/2024



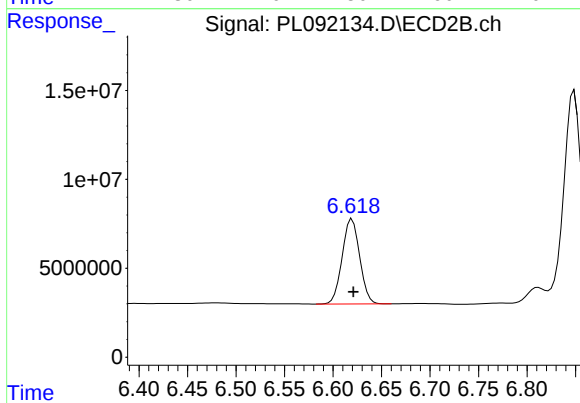
#19 Endosulfan Sulfate

R.T.: 6.343 min  
Delta R.T.: -0.001 min  
Response: 121974590  
Conc: 50.56 ng/ml



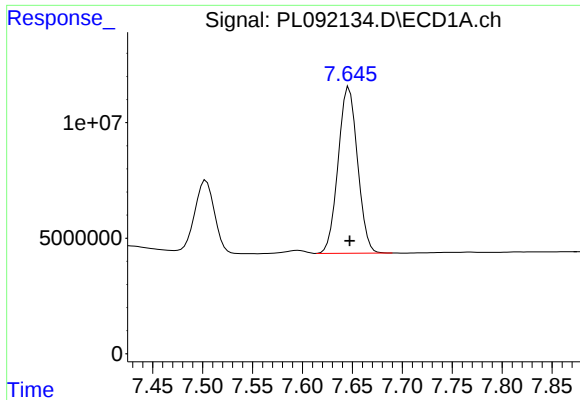
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.000 min  
Response: 40920075  
Conc: 41.68 ng/ml



#20 Methoxychlor

R.T.: 6.620 min  
Delta R.T.: -0.001 min  
Response: 60214118  
Conc: 48.16 ng/ml



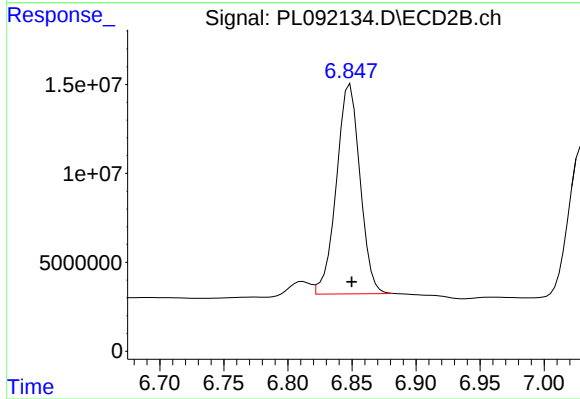
#21 Endrin ketone

R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 97382029  
Conc: 44.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

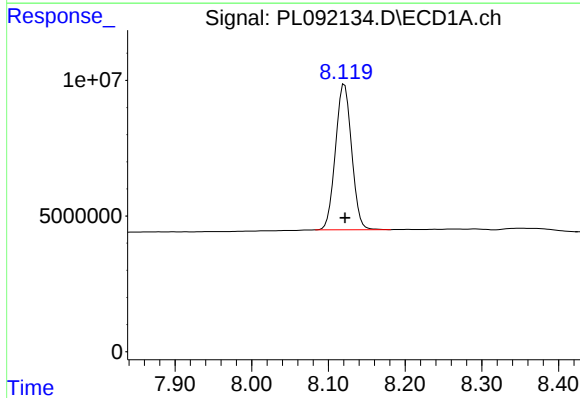
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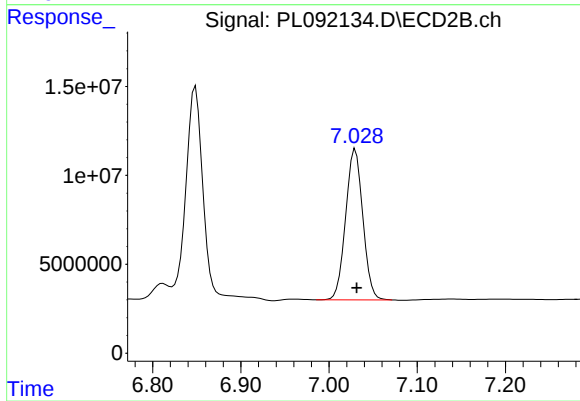
#21 Endrin ketone

R.T.: 6.847 min  
Delta R.T.: -0.003 min  
Response: 150659898  
Conc: 54.41 ng/ml m



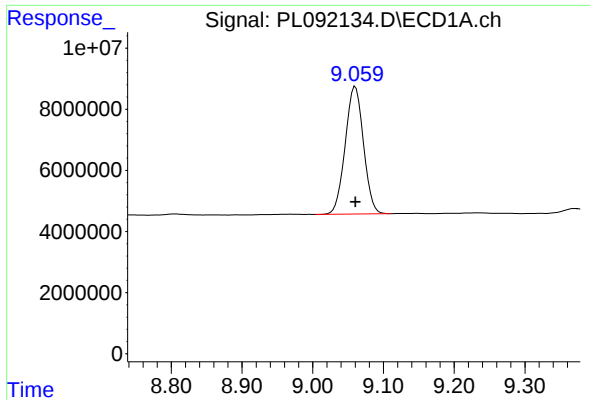
#22 Mirex

R.T.: 8.121 min  
Delta R.T.: 0.000 min  
Response: 78636200  
Conc: 43.66 ng/ml



#22 Mirex

R.T.: 7.028 min  
Delta R.T.: -0.003 min  
Response: 114897467  
Conc: 47.23 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: 0.000 min  
Response: 74873049  
Conc: 45.70 ng/ml

Instrument :

ECD\_L

ClientSampleId :

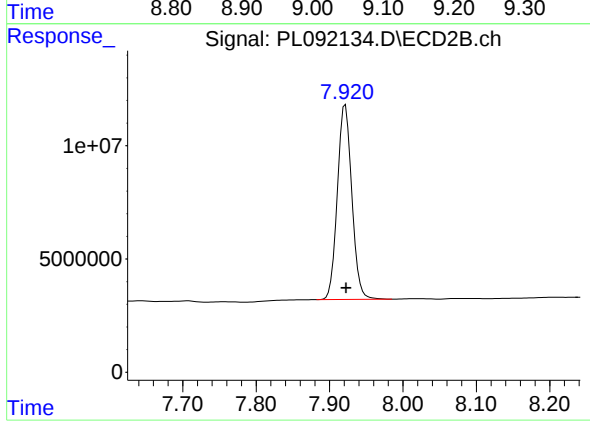
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.922 min  
Delta R.T.: -0.001 min  
Response: 117781646  
Conc: 47.08 ng/ml