

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122223\  
 Data File : PL087366.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Dec 2023 09:37  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
 Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 22 19:59:51 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 2023  
 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... | 3.428 | 2.680 | 209.0E6  | 84958709 | 55.533  | 50.472  |
| 28)                         | SA Decachlor... | 8.985 | 7.869 | 189.5E6  | 82495658 | 55.579  | 48.844  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.884 | 3.184 | 310.0E6  | 126.3E6  | 57.254  | 51.377  |
| 3)                          | MA gamma-BHC... | 4.218 | 3.515 | 292.8E6  | 122.6E6  | 55.716  | 50.604  |
| 4)                          | MA Heptachlor   | 4.810 | 3.858 | 291.0E6  | 119.4E6  | 54.638  | 49.947  |
| 5)                          | MB Aldrin       | 5.153 | 4.138 | 281.1E6  | 117.9E6  | 53.994  | 49.170  |
| 6)                          | B beta-BHC      | 4.417 | 3.817 | 122.5E6  | 51219045 | 53.319  | 49.202  |
| 7)                          | B delta-BHC     | 4.662 | 4.046 | 292.2E6  | 123.0E6  | 55.875m | 50.264  |
| 8)                          | B Heptachlo...  | 5.583 | 4.646 | 258.3E6  | 106.1E6  | 54.810  | 47.700  |
| 9)                          | A Endosulfan I  | 5.970 | 5.017 | 226.6E6  | 103.6E6  | 50.740  | 47.928  |
| 10)                         | B gamma-Chl...  | 5.840 | 4.899 | 254.5E6  | 110.9E6  | 52.504  | 48.470  |
| 11)                         | B alpha-Chl...  | 5.922 | 4.963 | 244.2E6  | 114.3E6  | 50.808  | 49.503  |
| 12)                         | B 4,4'-DDE      | 6.102 | 5.162 | 205.5E6  | 95368598 | 49.600  | 48.032  |
| 13)                         | MA Dieldrin     | 6.247 | 5.283 | 218.8E6  | 100.2E6  | 47.156  | 44.978m |
| 14)                         | MA Endrin       | 6.477 | 5.559 | 168.7E6  | 91710152 | 43.842  | 45.955  |
| 15)                         | B Endosulfa...  | 6.698 | 5.857 | 189.8E6  | 86176630 | 47.326  | 44.261  |
| 16)                         | A 4,4'-DDD      | 6.623 | 5.720 | 169.2E6  | 81793074 | 51.187  | 49.400  |
| 17)                         | MA 4,4'-DDT     | 6.940 | 5.973 | 183.5E6  | 84091591 | 48.789  | 45.595  |
| 18)                         | B Endrin al...  | 6.830 | 6.040 | 145.7E6  | 67614867 | 50.259  | 46.071  |
| 19)                         | B Endosulfa...  | 7.066 | 6.264 | 194.5E6  | 87793085 | 49.542  | 46.604  |
| 20)                         | A Methoxychlor  | 7.425 | 6.558 | 92902772 | 45365103 | 47.644  | 44.415  |
| 21)                         | B Endrin ke...  | 7.553 | 6.768 | 206.7E6  | 111.8E6  | 50.799  | 52.506m |
| 22)                         | Mirex           | 8.030 | 6.951 | 167.9E6  | 80167666 | 49.840  | 45.060  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122223\  
Data File : PL087366.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Dec 2023 09:37  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

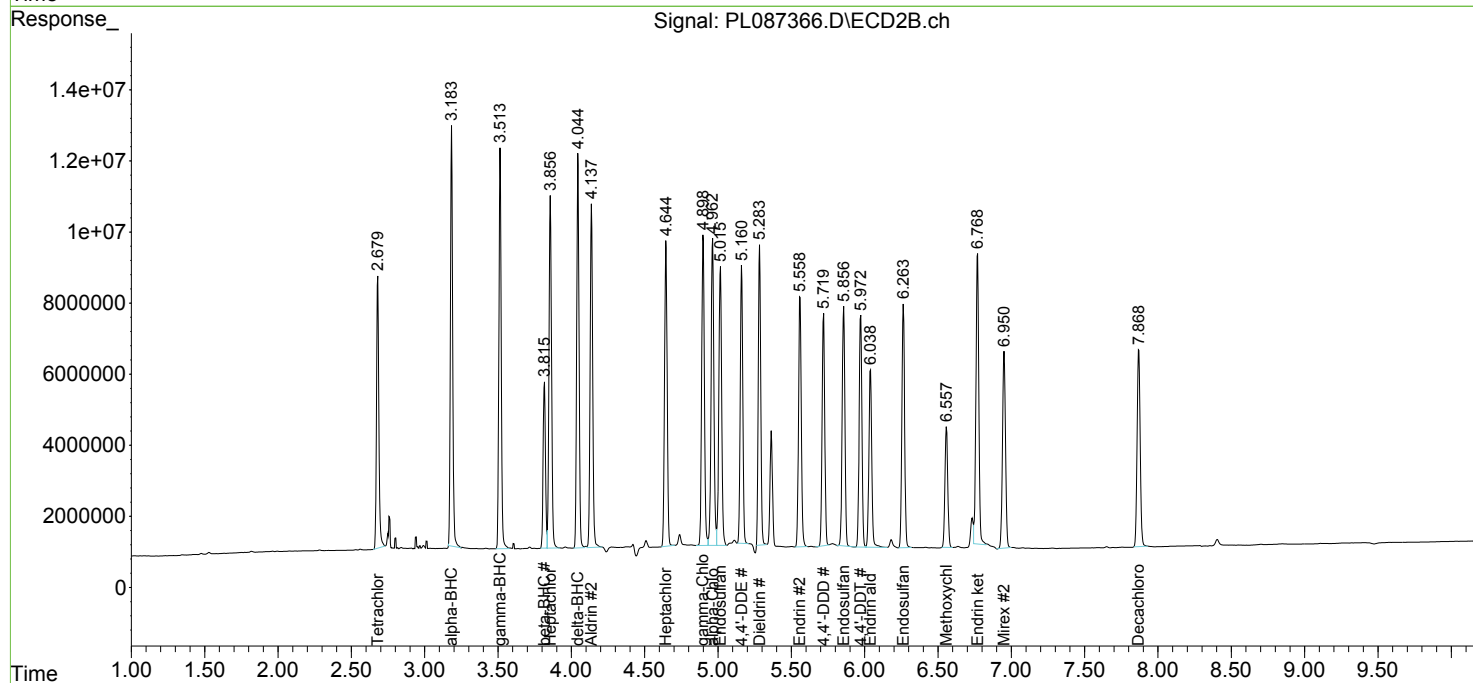
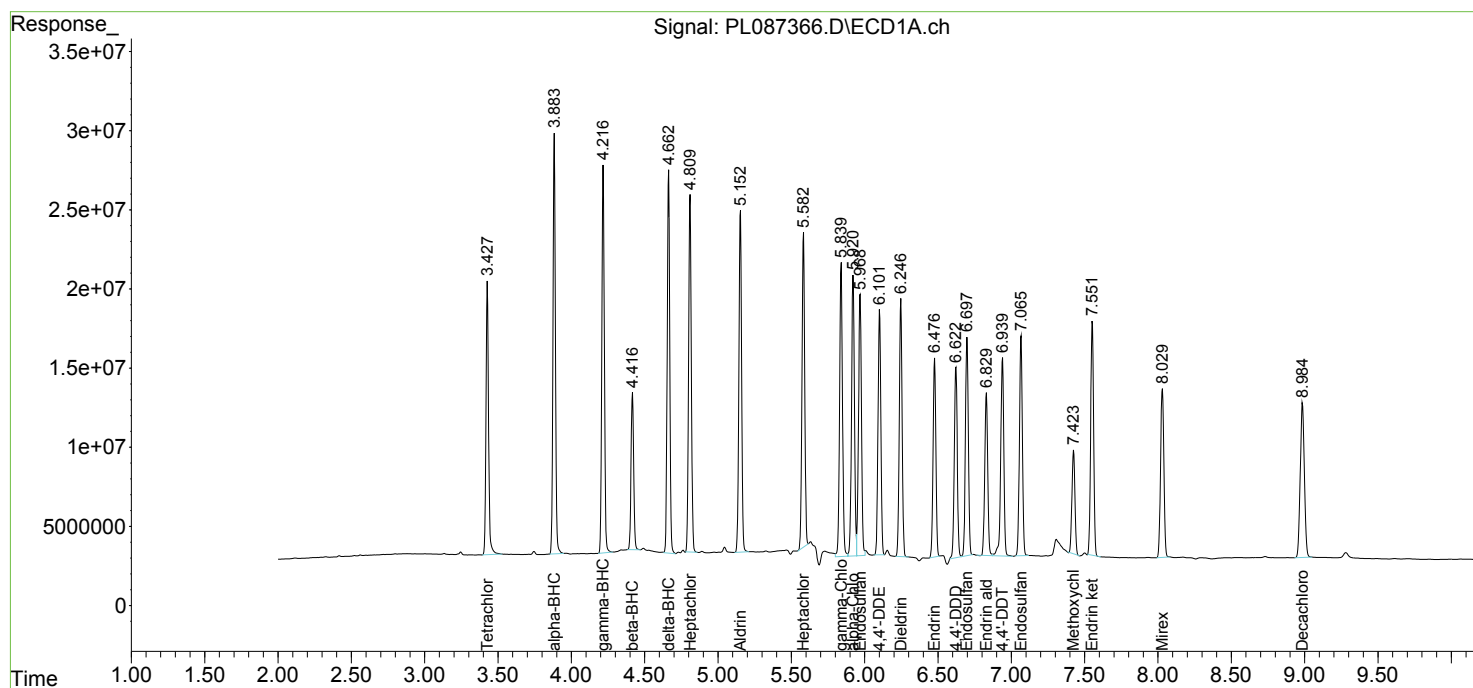
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

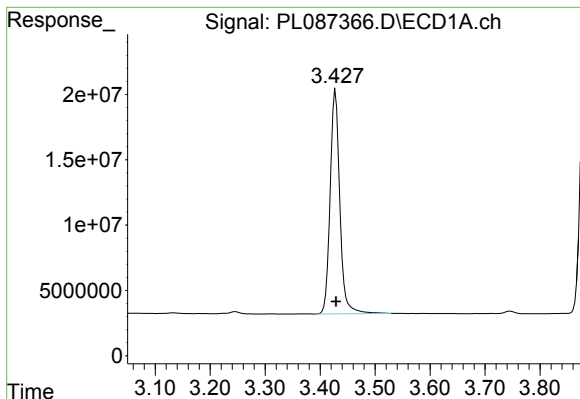
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 22 19:59:51 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 04:03:23 2023  
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





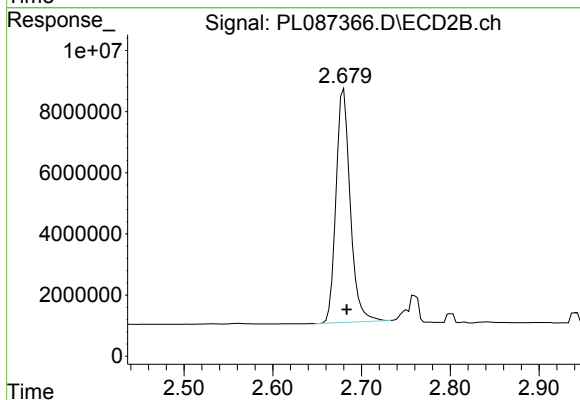
#1 Tetrachloro-m-xylene

R.T.: 3.428 min  
Delta R.T.: -0.001 min  
Response: 208996655  
Conc: 55.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

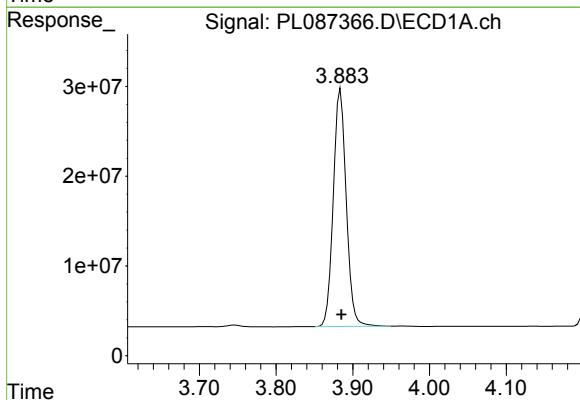
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
Supervised By :Ankita Jodhani 12/26/2023



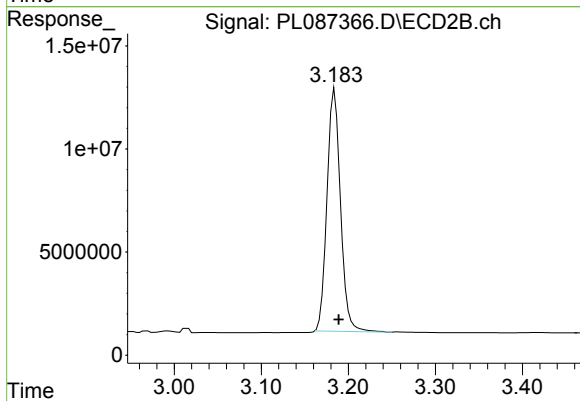
#1 Tetrachloro-m-xylene

R.T.: 2.680 min  
Delta R.T.: -0.003 min  
Response: 84958709  
Conc: 50.47 ng/ml



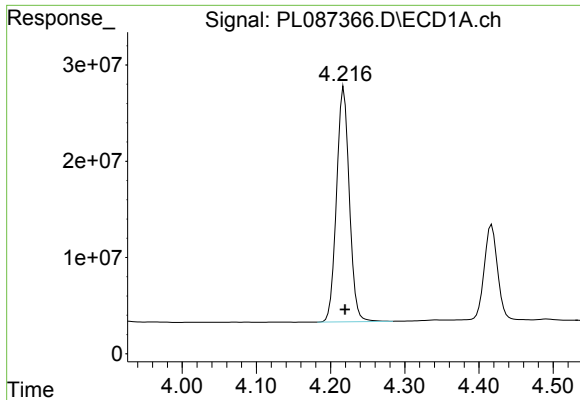
#2 alpha-BHC

R.T.: 3.884 min  
Delta R.T.: -0.001 min  
Response: 309980036  
Conc: 57.25 ng/ml



#2 alpha-BHC

R.T.: 3.184 min  
Delta R.T.: -0.005 min  
Response: 126263570  
Conc: 51.38 ng/ml



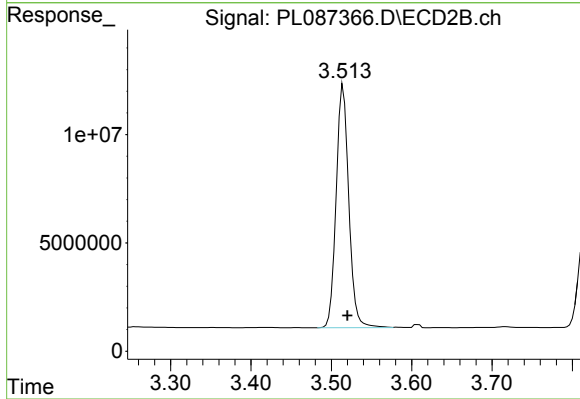
#3 gamma-BHC (Lindane)

R.T.: 4.218 min  
Delta R.T.: -0.002 min  
Response: 292824180  
Conc: 55.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

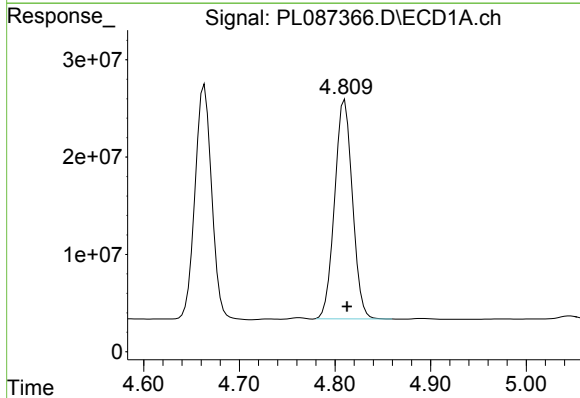
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
Supervised By :Ankita Jodhani 12/26/2023



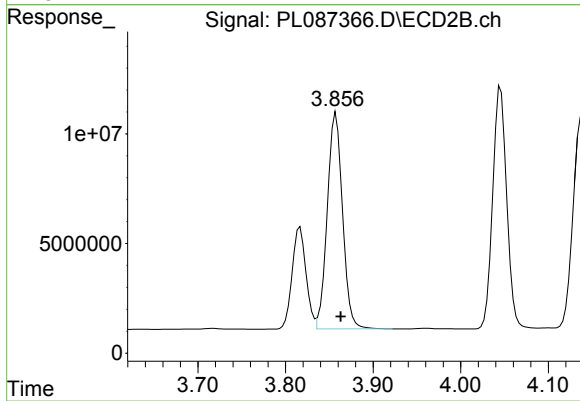
#3 gamma-BHC (Lindane)

R.T.: 3.515 min  
Delta R.T.: -0.005 min  
Response: 122583441  
Conc: 50.60 ng/ml



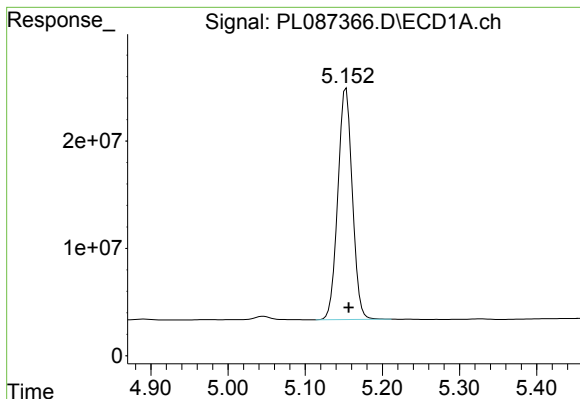
#4 Heptachlor

R.T.: 4.810 min  
Delta R.T.: -0.003 min  
Response: 291033571  
Conc: 54.64 ng/ml



#4 Heptachlor

R.T.: 3.858 min  
Delta R.T.: -0.005 min  
Response: 119388602  
Conc: 49.95 ng/ml



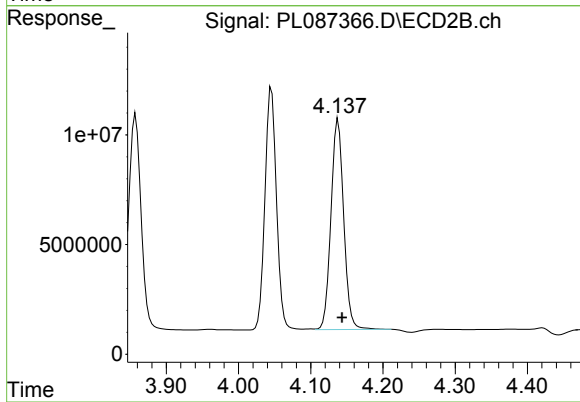
#5 Aldrin

R.T.: 5.153 min  
Delta R.T.: -0.003 min  
Response: 281115368  
Conc: 53.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

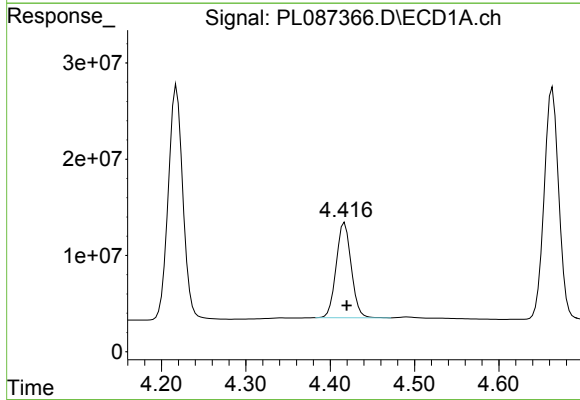
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
Supervised By :Ankita Jodhani 12/26/2023



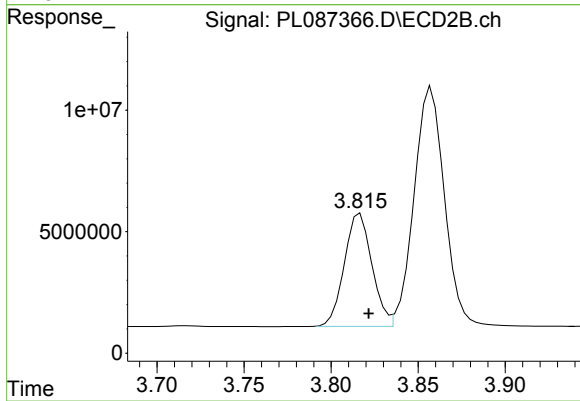
#5 Aldrin

R.T.: 4.138 min  
Delta R.T.: -0.006 min  
Response: 117898840  
Conc: 49.17 ng/ml



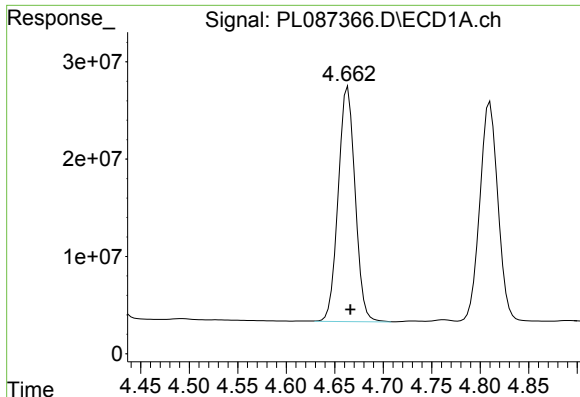
#6 beta-BHC

R.T.: 4.417 min  
Delta R.T.: -0.002 min  
Response: 122462898  
Conc: 53.32 ng/ml



#6 beta-BHC

R.T.: 3.817 min  
Delta R.T.: -0.005 min  
Response: 51219045  
Conc: 49.20 ng/ml



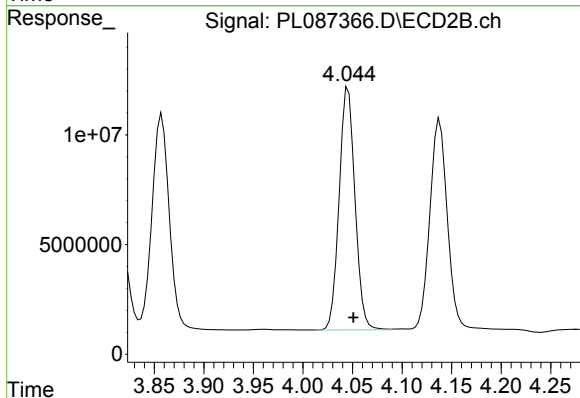
#7 delta-BHC

R.T.: 4.662 min  
Delta R.T.: -0.004 min  
Response: 292193419  
Conc: 55.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

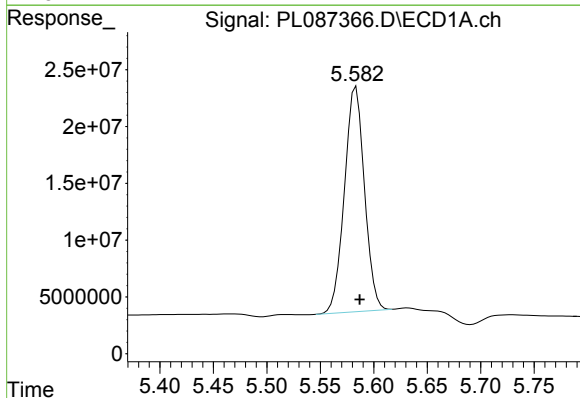
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
Supervised By :Ankita Jodhani 12/26/2023



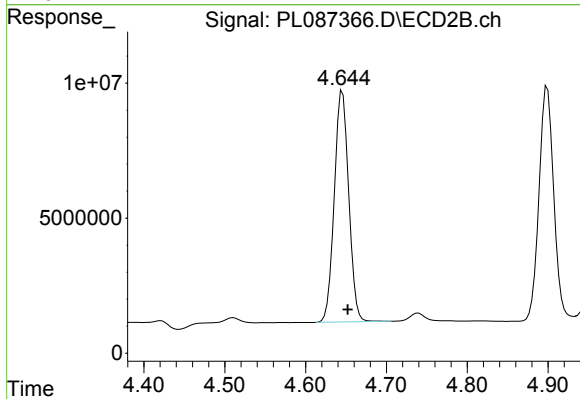
#7 delta-BHC

R.T.: 4.046 min  
Delta R.T.: -0.005 min  
Response: 122955489  
Conc: 50.26 ng/ml



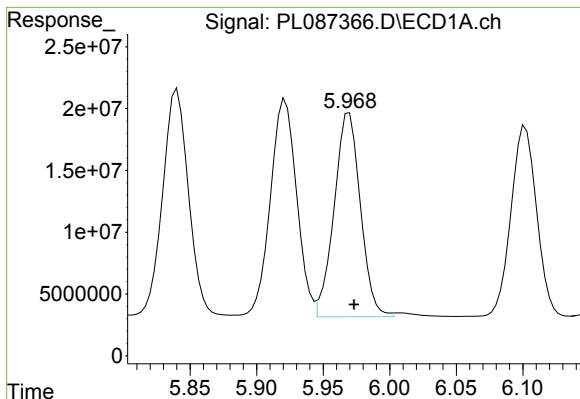
#8 Heptachlor epoxide

R.T.: 5.583 min  
Delta R.T.: -0.003 min  
Response: 258309382  
Conc: 54.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.646 min  
Delta R.T.: -0.006 min  
Response: 106147445  
Conc: 47.70 ng/ml



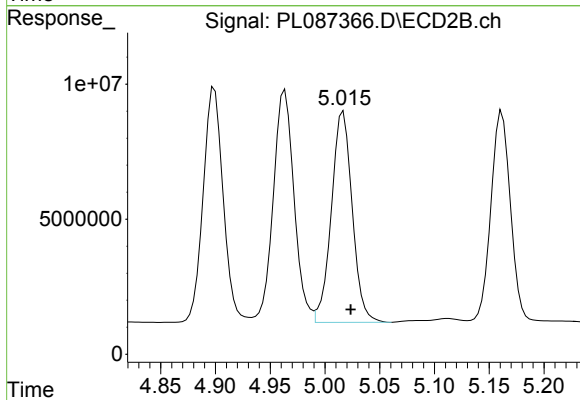
#9 Endosulfan I

R.T.: 5.970 min  
Delta R.T.: -0.004 min  
Response: 226619674  
Conc: 50.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

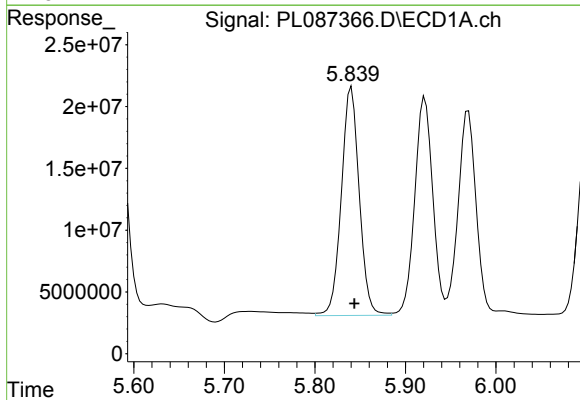
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
Supervised By :Ankita Jodhani 12/26/2023



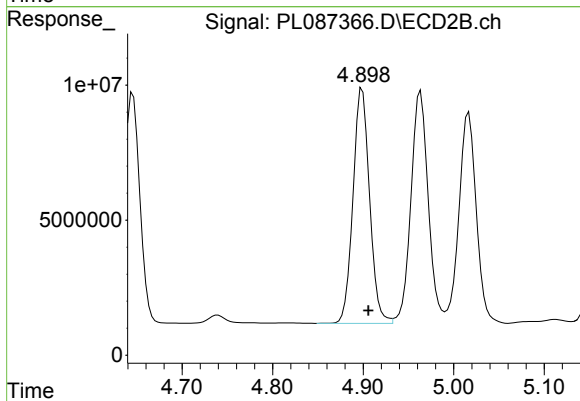
#9 Endosulfan I

R.T.: 5.017 min  
Delta R.T.: -0.007 min  
Response: 103579521  
Conc: 47.93 ng/ml



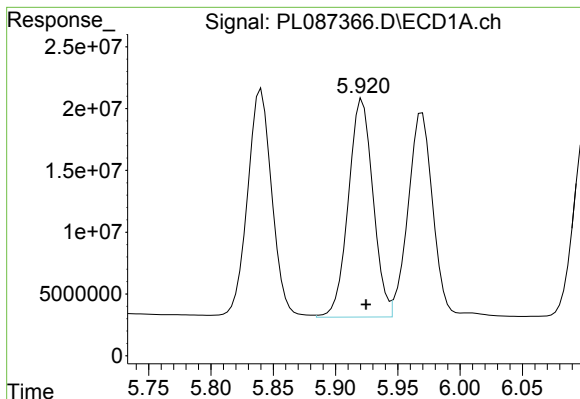
#10 gamma-Chlordane

R.T.: 5.840 min  
Delta R.T.: -0.003 min  
Response: 254538388  
Conc: 52.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.899 min  
Delta R.T.: -0.007 min  
Response: 110868309  
Conc: 48.47 ng/ml



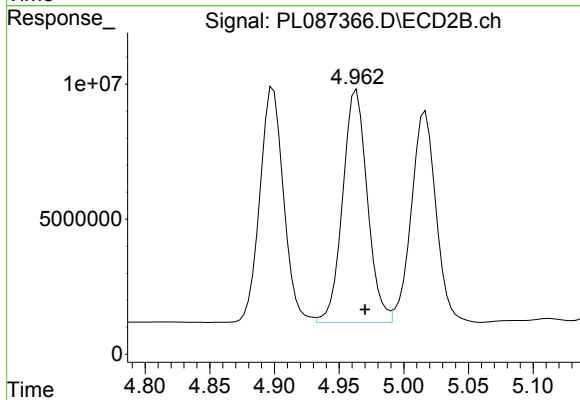
#11 alpha-Chlordane

R.T.: 5.922 min  
Delta R.T.: -0.003 min  
Response: 244190017  
Conc: 50.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

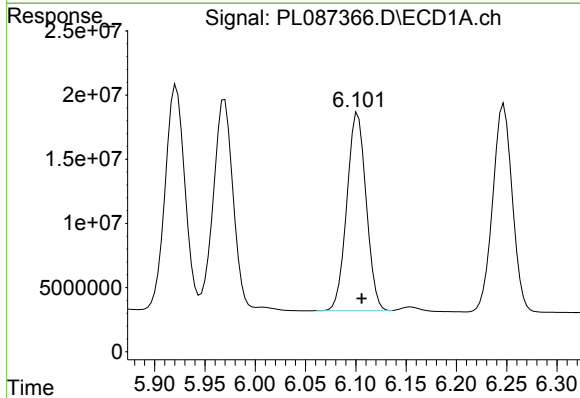
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
Supervised By :Ankita Jodhani 12/26/2023



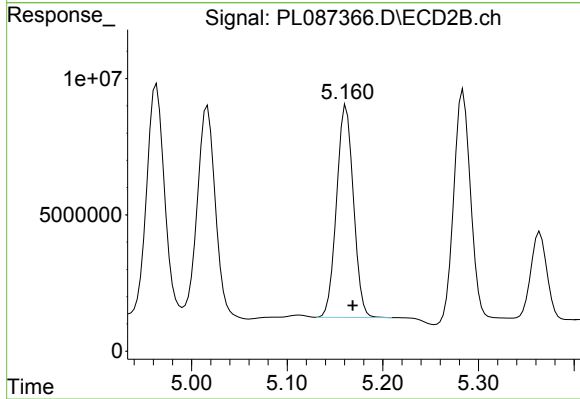
#11 alpha-Chlordane

R.T.: 4.963 min  
Delta R.T.: -0.007 min  
Response: 114254643  
Conc: 49.50 ng/ml



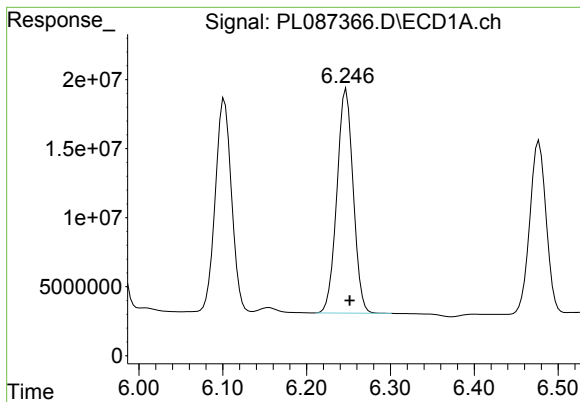
#12 4,4'-DDE

R.T.: 6.102 min  
Delta R.T.: -0.004 min  
Response: 205542765  
Conc: 49.60 ng/ml



#12 4,4'-DDE

R.T.: 5.162 min  
Delta R.T.: -0.007 min  
Response: 95368598  
Conc: 48.03 ng/ml



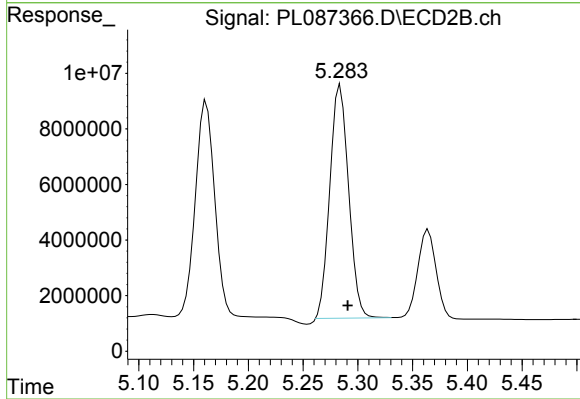
#13 Dieldrin

R.T.: 6.247 min  
Delta R.T.: -0.004 min  
Response: 218847435  
Conc: 47.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

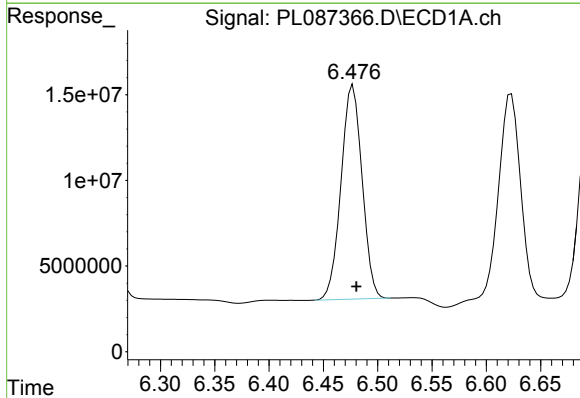
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
Supervised By :Ankita Jodhani 12/26/2023



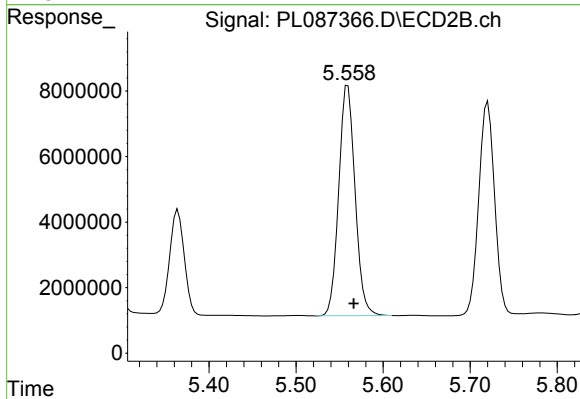
#13 Dieldrin

R.T.: 5.283 min  
Delta R.T.: -0.008 min  
Response: 100200533  
Conc: 44.98 ng/ml m



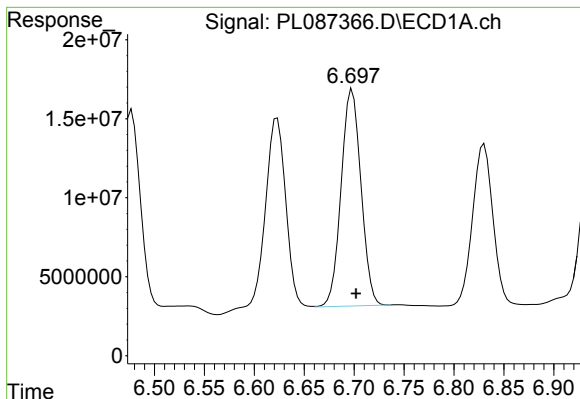
#14 Endrin

R.T.: 6.477 min  
Delta R.T.: -0.003 min  
Response: 168674763  
Conc: 43.84 ng/ml



#14 Endrin

R.T.: 5.559 min  
Delta R.T.: -0.007 min  
Response: 91710152  
Conc: 45.96 ng/ml



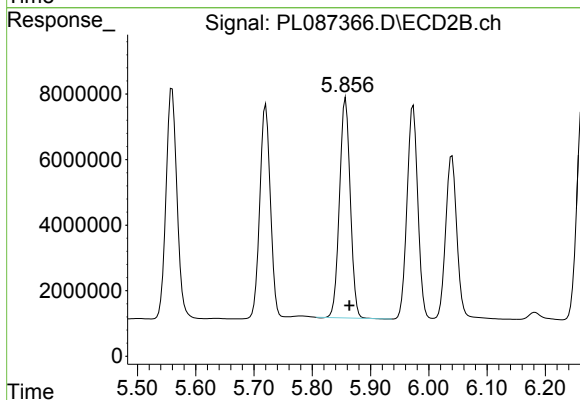
#15 Endosulfan II

R.T.: 6.698 min  
Delta R.T.: -0.004 min  
Response: 189794945  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

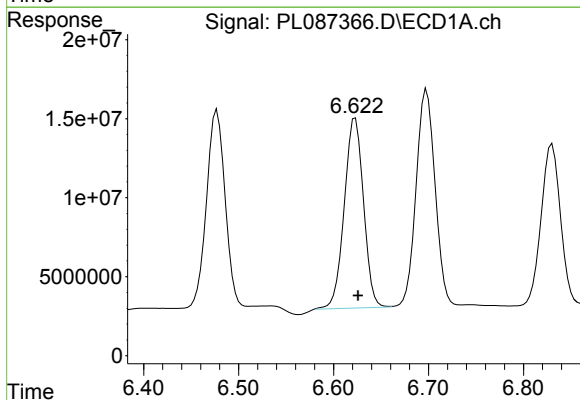
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
Supervised By :Ankita Jodhani 12/26/2023



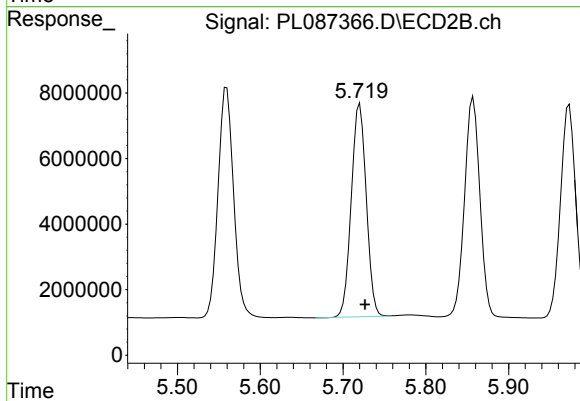
#15 Endosulfan II

R.T.: 5.857 min  
Delta R.T.: -0.007 min  
Response: 86176630  
Conc: 44.26 ng/ml



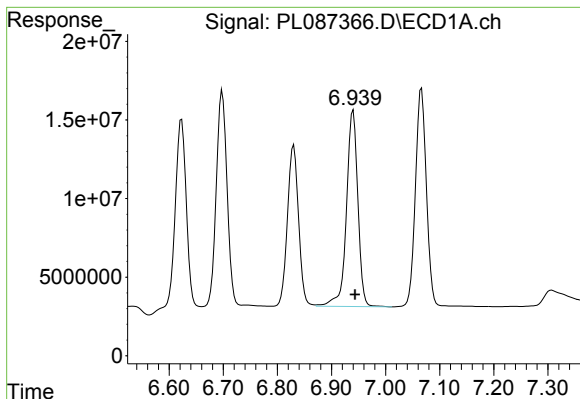
#16 4,4'-DDD

R.T.: 6.623 min  
Delta R.T.: -0.003 min  
Response: 169178051  
Conc: 51.19 ng/ml



#16 4,4'-DDD

R.T.: 5.720 min  
Delta R.T.: -0.006 min  
Response: 81793074  
Conc: 49.40 ng/ml



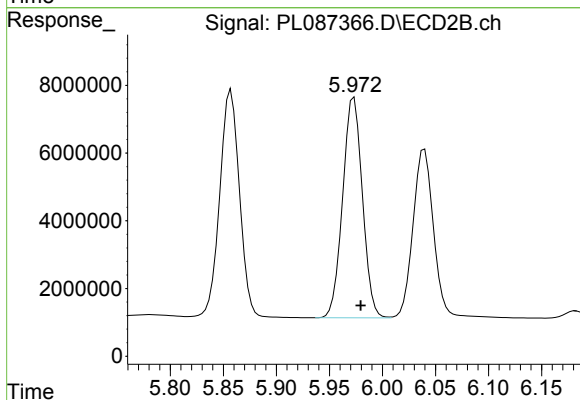
#17 4,4'-DDT

R.T.: 6.940 min  
Delta R.T.: -0.003 min  
Response: 183456108  
Conc: 48.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

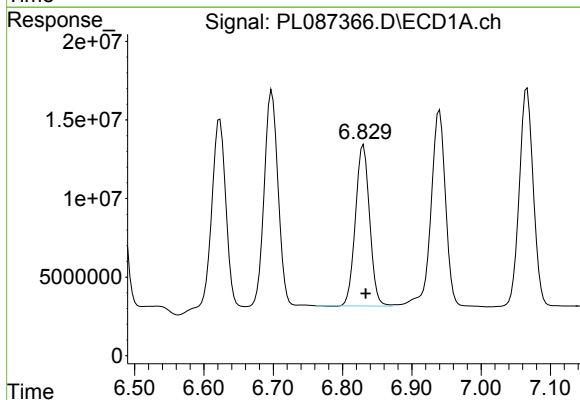
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
Supervised By :Ankita Jodhani 12/26/2023



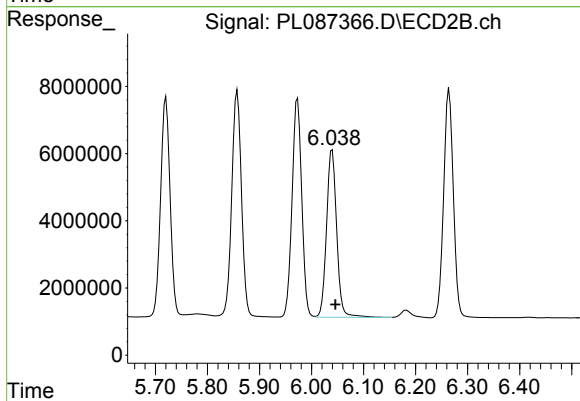
#17 4,4'-DDT

R.T.: 5.973 min  
Delta R.T.: -0.006 min  
Response: 84091591  
Conc: 45.59 ng/ml



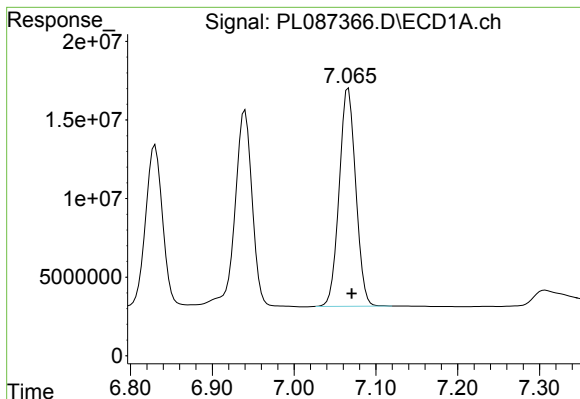
#18 Endrin aldehyde

R.T.: 6.830 min  
Delta R.T.: -0.003 min  
Response: 145669020  
Conc: 50.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min  
Delta R.T.: -0.006 min  
Response: 67614867  
Conc: 46.07 ng/ml



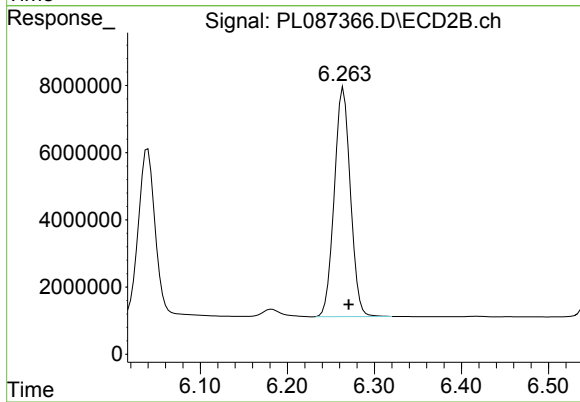
#19 Endosulfan Sulfate

R.T.: 7.066 min  
Delta R.T.: -0.004 min  
Response: 194542753  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

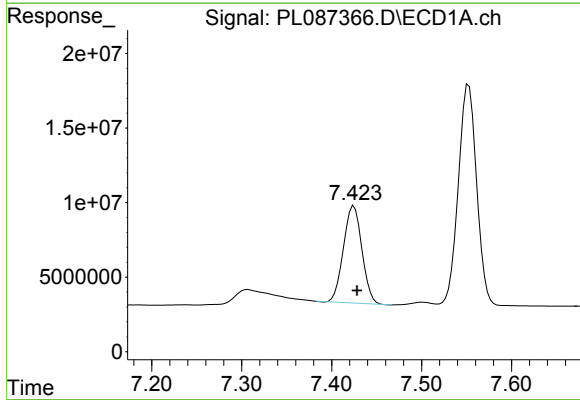
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
Supervised By :Ankita Jodhani 12/26/2023



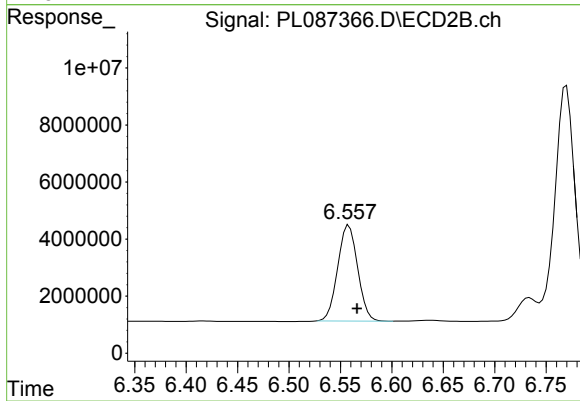
#19 Endosulfan Sulfate

R.T.: 6.264 min  
Delta R.T.: -0.006 min  
Response: 87793085  
Conc: 46.60 ng/ml



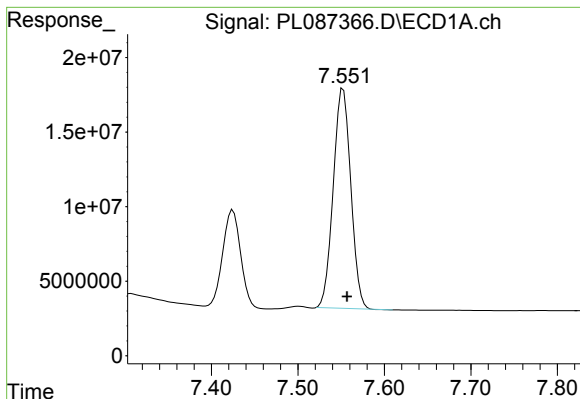
#20 Methoxychlor

R.T.: 7.425 min  
Delta R.T.: -0.003 min  
Response: 92902772  
Conc: 47.64 ng/ml



#20 Methoxychlor

R.T.: 6.558 min  
Delta R.T.: -0.008 min  
Response: 45365103  
Conc: 44.41 ng/ml



#21 Endrin ketone

R.T.: 7.553 min  
Delta R.T.: -0.004 min  
Response: 206662828  
Conc: 50.80 ng/ml

Instrument :

ECD\_L

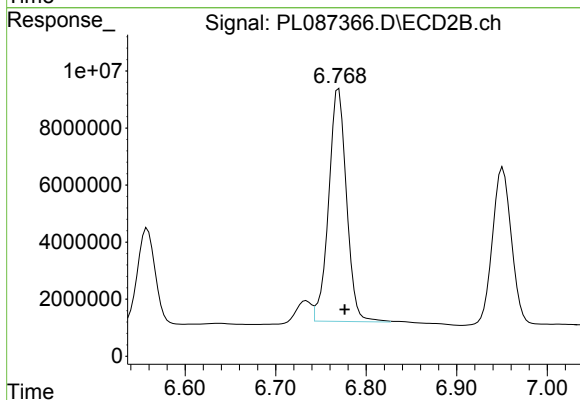
ClientSampleId :

PSTDCCC050

Manual Integrations

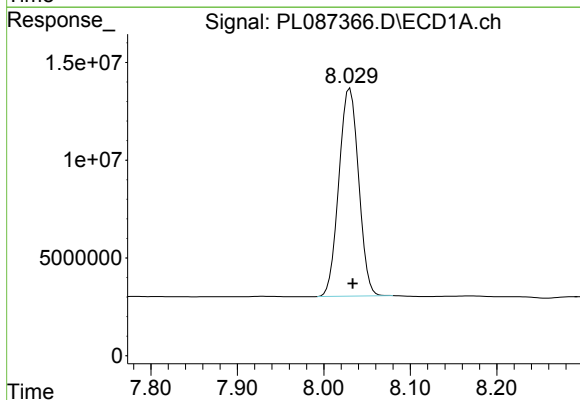
APPROVED

Reviewed By :Abdul Mirza 12/26/2023  
Supervised By :Ankita Jodhani 12/26/2023



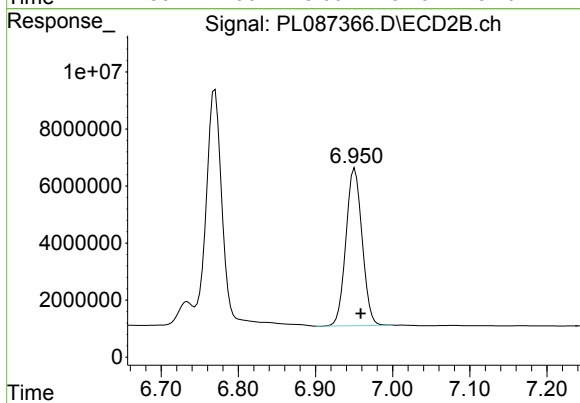
#21 Endrin ketone

R.T.: 6.768 min  
Delta R.T.: -0.008 min  
Response: 111769450  
Conc: 52.51 ng/ml m



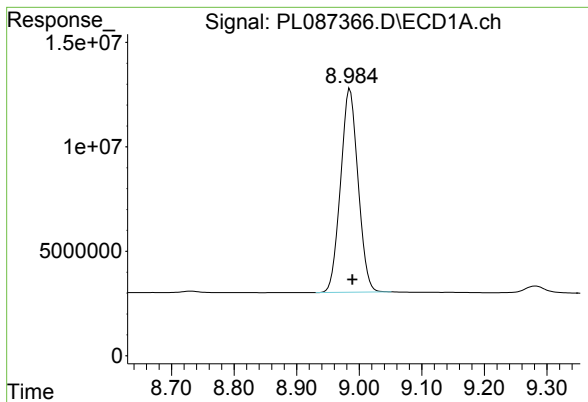
#22 Mirex

R.T.: 8.030 min  
Delta R.T.: -0.003 min  
Response: 167861255  
Conc: 49.84 ng/ml



#22 Mirex

R.T.: 6.951 min  
Delta R.T.: -0.008 min  
Response: 80167666  
Conc: 45.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.985 min  
Delta R.T.: -0.004 min  
Response: 189520530  
Conc: 55.58 ng/ml

Instrument :

ECD\_L

ClientSampleId :

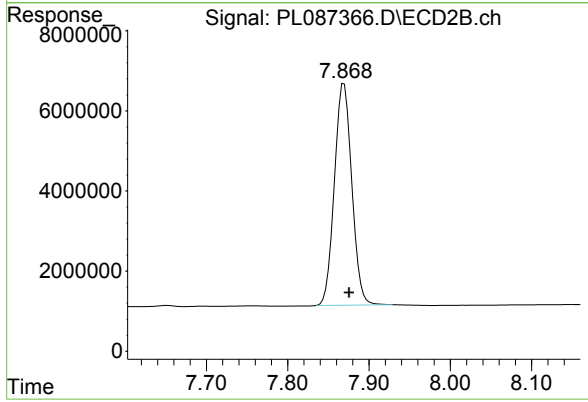
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/26/2023

Supervised By :Ankita Jodhani 12/26/2023



#28 Decachlorobiphenyl

R.T.: 7.869 min  
Delta R.T.: -0.006 min  
Response: 82495658  
Conc: 48.84 ng/ml