

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060523\  
 Data File : PL083235.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2023 19:35  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/06/2023  
 Supervised By : Ankita Jodhani 06/06/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 21:19:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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... | 3.314 | 2.632 | 134.2E6  | 120.7E6  | 45.676  | 46.495  |
| 28)                         | SA Decachlor... | 8.730 | 7.736 | 98810605 | 116.2E6  | 47.113  | 46.714  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.763 | 3.129 | 205.1E6  | 175.6E6  | 46.193  | 47.060  |
| 3)                          | MA gamma-BHC... | 4.091 | 3.455 | 187.5E6  | 161.6E6  | 45.259  | 48.471  |
| 4)                          | MA Heptachlor   | 4.668 | 3.786 | 172.9E6  | 162.6E6  | 45.244  | 44.420  |
| 5)                          | MB Aldrin       | 5.005 | 4.062 | 168.9E6  | 156.8E6  | 47.995  | 48.191  |
| 6)                          | B beta-BHC      | 4.295 | 3.756 | 84051105 | 67903087 | 44.643  | 47.482  |
| 7)                          | B delta-BHC     | 4.536 | 3.981 | 186.8E6  | 159.8E6  | 54.333  | 48.758  |
| 8)                          | B Heptachlo...  | 5.431 | 4.562 | 153.3E6  | 140.7E6  | 47.920  | 47.409  |
| 9)                          | A Endosulfan I  | 5.812 | 4.929 | 143.2E6  | 127.7E6  | 47.708  | 45.688  |
| 10)                         | B gamma-Chl...  | 5.685 | 4.811 | 151.7E6  | 143.6E6  | 47.741m | 47.803  |
| 11)                         | B alpha-Chl...  | 5.764 | 4.874 | 153.4E6  | 142.9E6  | 47.794  | 47.597  |
| 12)                         | B 4,4'-DDE      | 5.942 | 5.063 | 131.1E6  | 122.4E6  | 47.560  | 50.414m |
| 13)                         | MA Dieldrin     | 6.087 | 5.192 | 139.0E6  | 134.4E6  | 46.198  | 47.619m |
| 14)                         | MA Endrin       | 6.313 | 5.467 | 121.7E6  | 124.1E6  | 45.284  | 48.927  |
| 15)                         | B Endosulfa...  | 6.537 | 5.765 | 117.1E6  | 111.5E6  | 43.743  | 45.072  |
| 16)                         | A 4,4'-DDD      | 6.459 | 5.619 | 109.2E6  | 99487422 | 50.254  | 51.729  |
| 17)                         | MA 4,4'-DDT     | 6.770 | 5.865 | 108.5E6  | 100.6E6  | 43.332  | 45.095m |
| 18)                         | B Endrin al...  | 6.665 | 5.944 | 93500392 | 88379256 | 46.503m | 44.693  |
| 19)                         | B Endosulfa...  | 6.901 | 6.167 | 122.4E6  | 115.1E6  | 47.755  | 46.982  |
| 20)                         | A Methoxychlor  | 7.252 | 6.446 | 57528262 | 55980204 | 43.504  | 44.018  |
| 21)                         | B Endrin ke...  | 7.381 | 6.671 | 123.8E6  | 126.0E6  | 48.516  | 46.591  |
| 22)                         | Mirex           | 7.843 | 6.840 | 95072712 | 107.0E6  | 45.358  | 45.739m |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060523\  
Data File : PL083235.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jun 2023 19:35  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

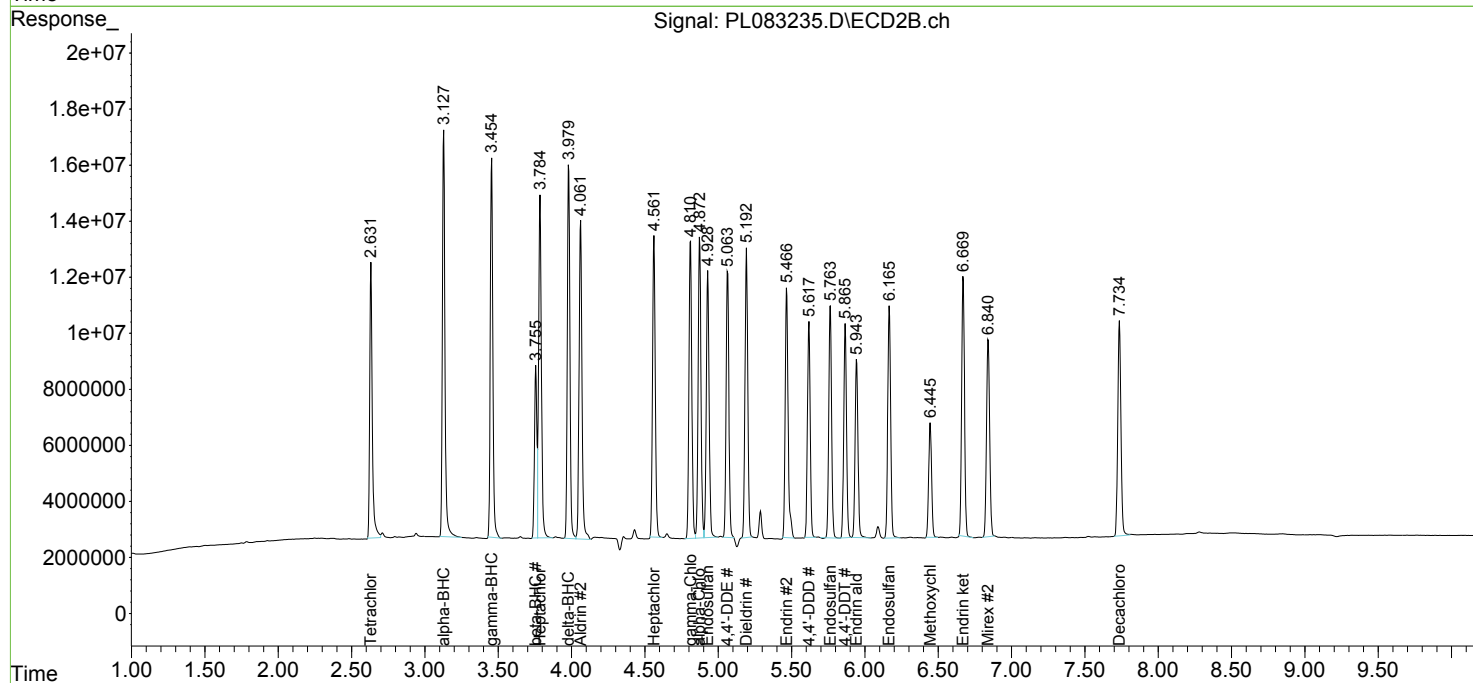
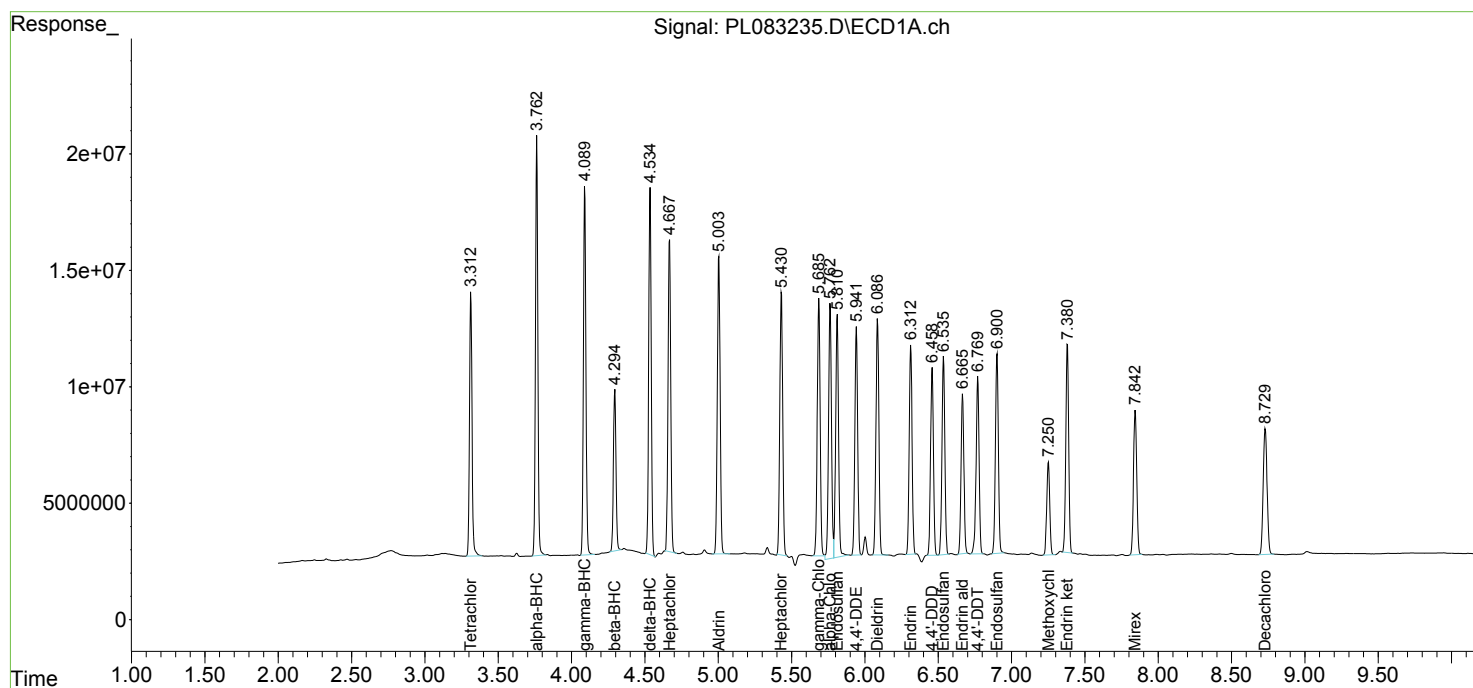
## APPROVED

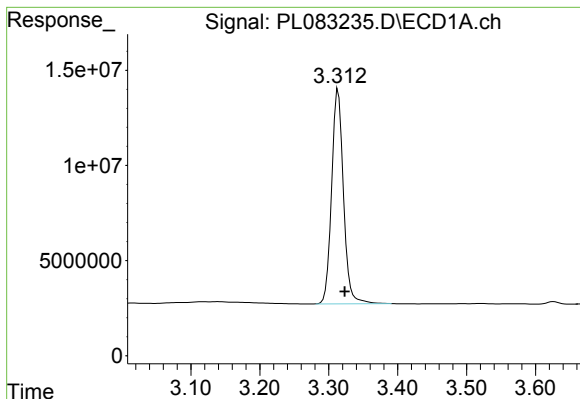
Reviewed By :Abdul Mirza 06/06/2023

Supervised By :Ankita Jodhani 06/06/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 05 21:19:55 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 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





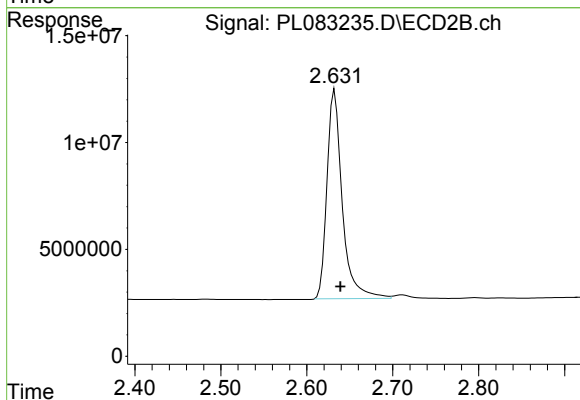
#1 Tetrachloro-m-xylene

R.T.: 3.314 min  
Delta R.T.: -0.009 min  
Response: 134243987  
Conc: 45.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

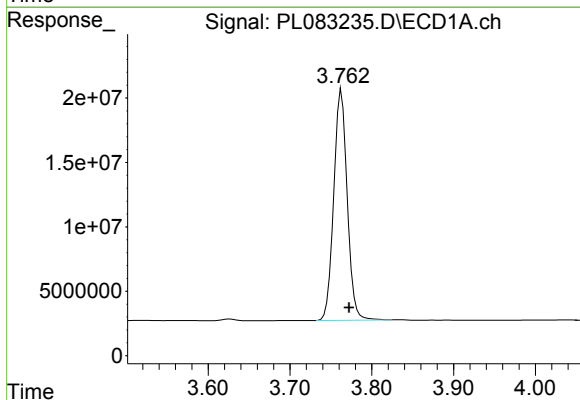
Manual Integrations  
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Reviewed By :Abdul Mirza 06/06/2023  
Supervised By :Ankita Jodhani 06/06/2023



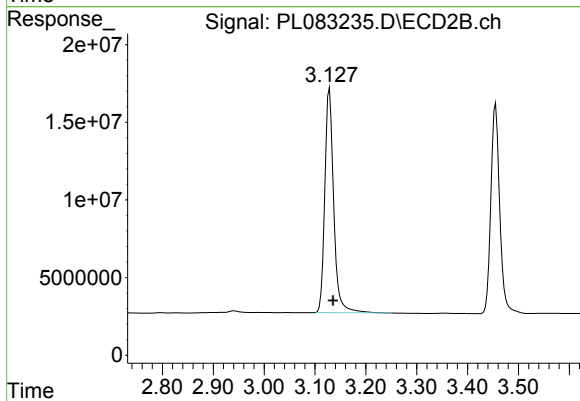
#1 Tetrachloro-m-xylene

R.T.: 2.632 min  
Delta R.T.: -0.006 min  
Response: 120704185  
Conc: 46.49 ng/ml



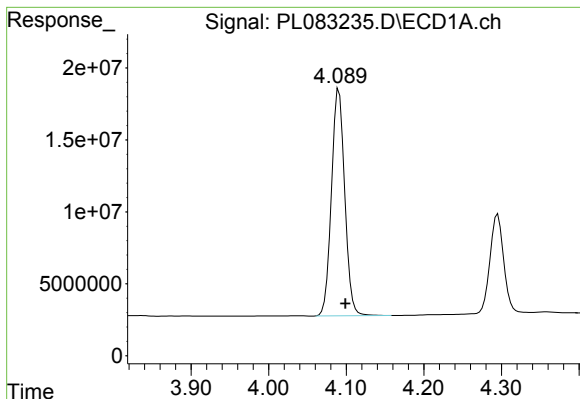
#2 alpha-BHC

R.T.: 3.763 min  
Delta R.T.: -0.009 min  
Response: 205062583  
Conc: 46.19 ng/ml



#2 alpha-BHC

R.T.: 3.129 min  
Delta R.T.: -0.007 min  
Response: 175601152  
Conc: 47.06 ng/ml



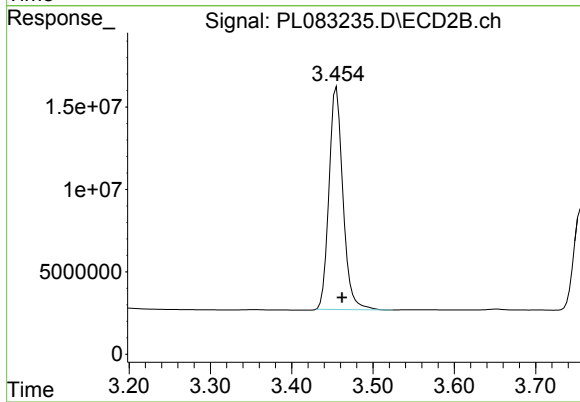
#3 gamma-BHC (Lindane)

R.T.: 4.091 min  
Delta R.T.: -0.008 min  
Response: 187506265  
Conc: 45.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

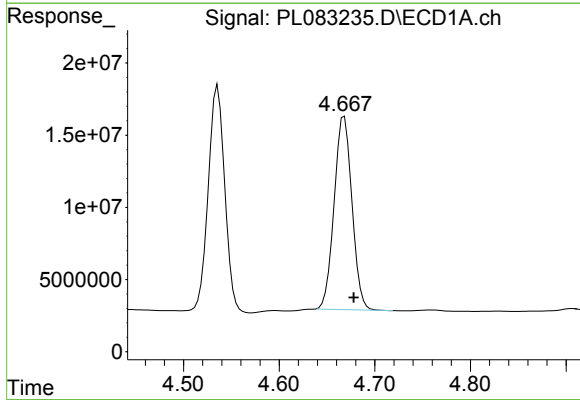
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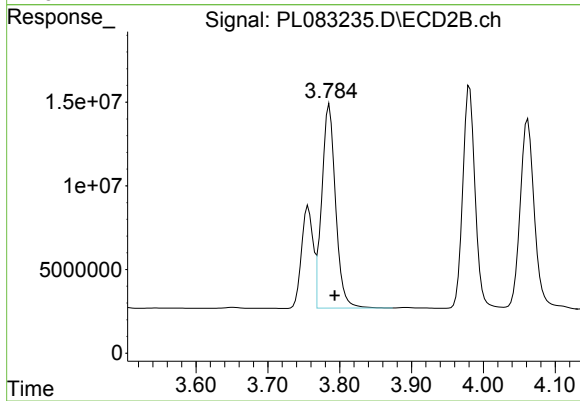
#3 gamma-BHC (Lindane)

R.T.: 3.455 min  
Delta R.T.: -0.007 min  
Response: 161567503  
Conc: 48.47 ng/ml



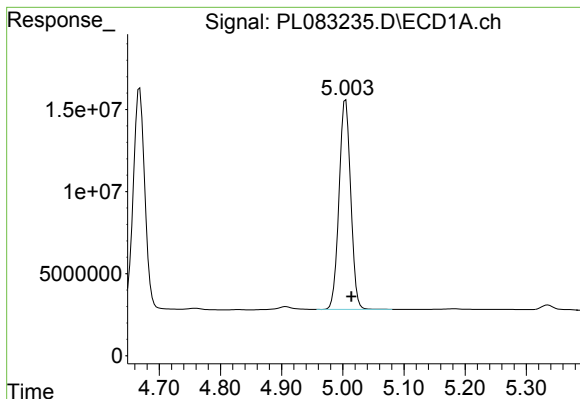
#4 Heptachlor

R.T.: 4.668 min  
Delta R.T.: -0.010 min  
Response: 172941777  
Conc: 45.24 ng/ml



#4 Heptachlor

R.T.: 3.786 min  
Delta R.T.: -0.007 min  
Response: 162624236  
Conc: 44.42 ng/ml



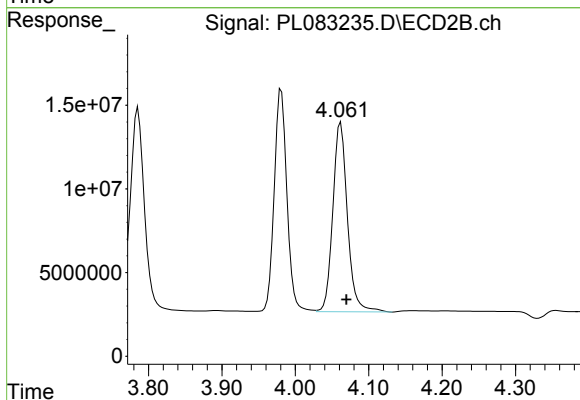
#5 Aldrin

R.T.: 5.005 min  
Delta R.T.: -0.009 min  
Response: 168850443  
Conc: 47.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

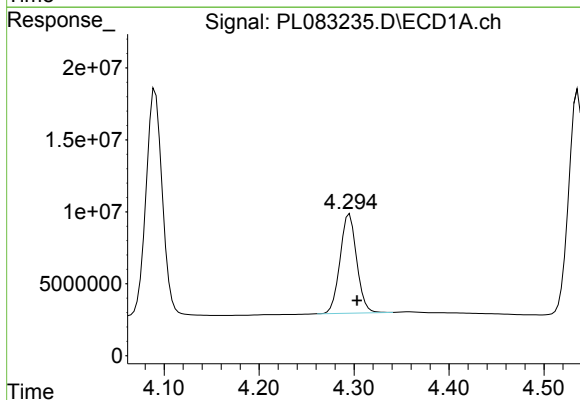
Manual Integrations  
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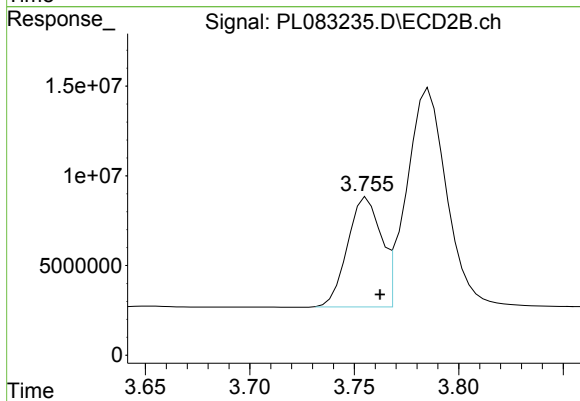
#5 Aldrin

R.T.: 4.062 min  
Delta R.T.: -0.008 min  
Response: 156796741  
Conc: 48.19 ng/ml



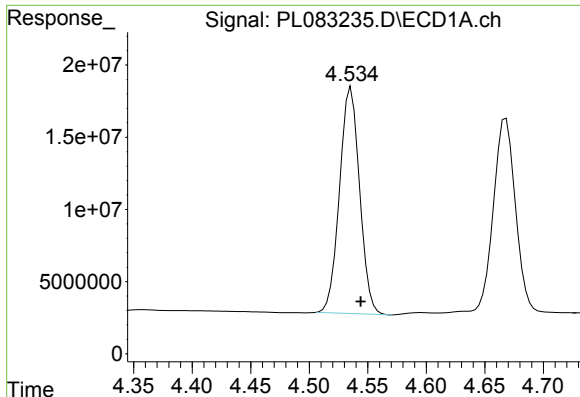
#6 beta-BHC

R.T.: 4.295 min  
Delta R.T.: -0.008 min  
Response: 84051105  
Conc: 44.64 ng/ml



#6 beta-BHC

R.T.: 3.756 min  
Delta R.T.: -0.006 min  
Response: 67903087  
Conc: 47.48 ng/ml



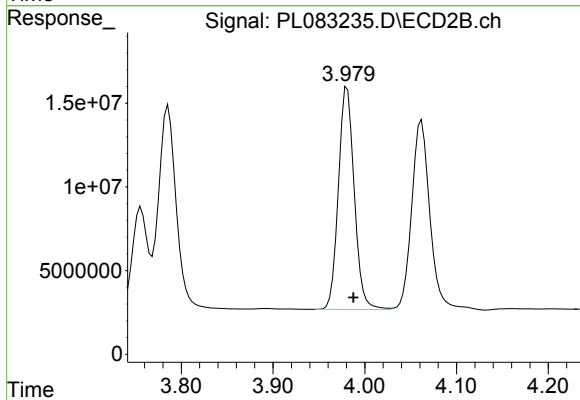
#7 delta-BHC

R.T.: 4.536 min  
Delta R.T.: -0.008 min  
Response: 186845387  
Conc: 54.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

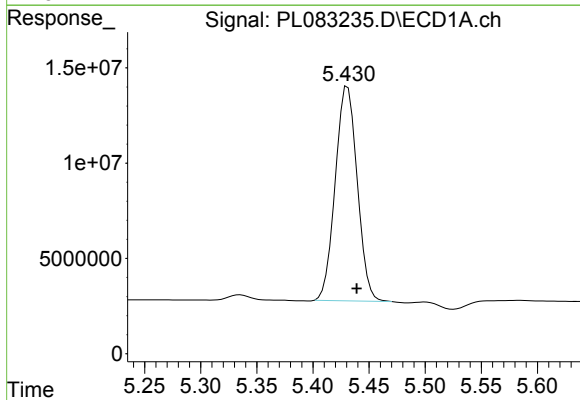
Manual Integrations  
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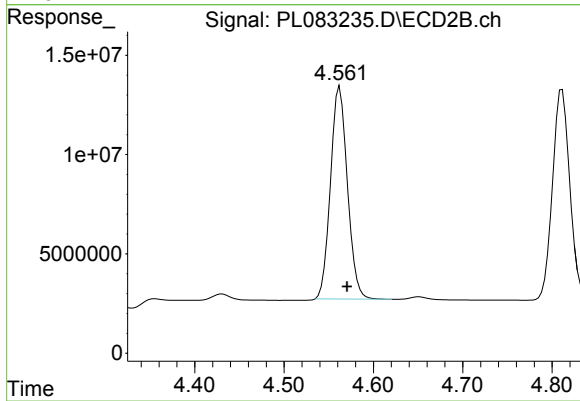
#7 delta-BHC

R.T.: 3.981 min  
Delta R.T.: -0.007 min  
Response: 159754234  
Conc: 48.76 ng/ml



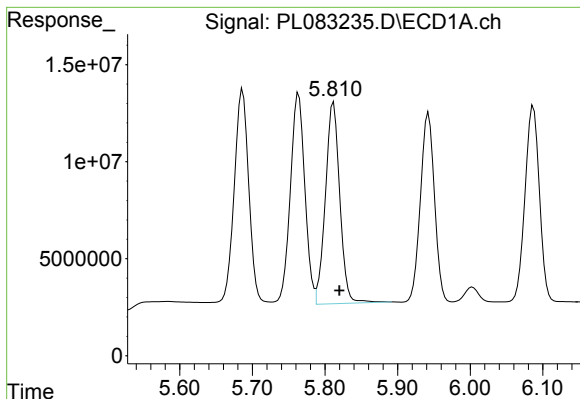
#8 Heptachlor epoxide

R.T.: 5.431 min  
Delta R.T.: -0.008 min  
Response: 153281785  
Conc: 47.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.562 min  
Delta R.T.: -0.008 min  
Response: 140704410  
Conc: 47.41 ng/ml



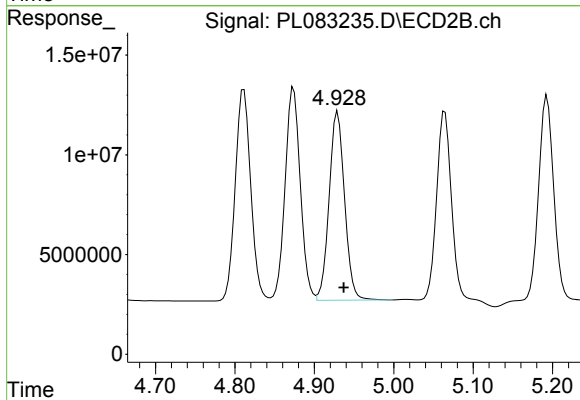
#9 Endosulfan I

R.T.: 5.812 min  
Delta R.T.: -0.008 min  
Response: 143150857  
Conc: 47.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

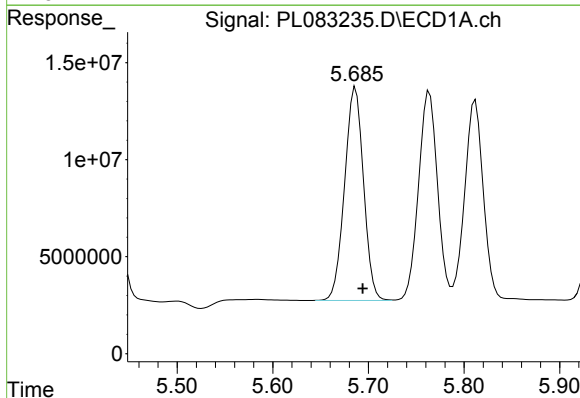
Manual Integrations  
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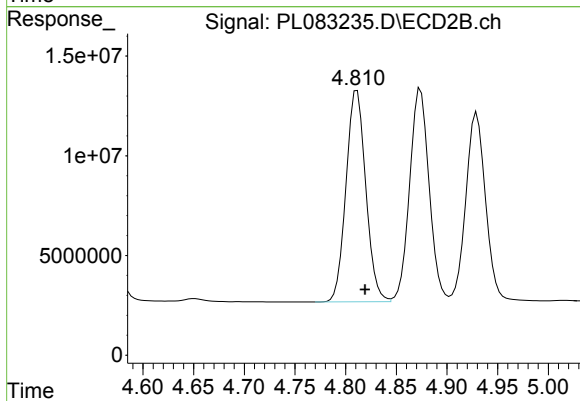
#9 Endosulfan I

R.T.: 4.929 min  
Delta R.T.: -0.008 min  
Response: 127668712  
Conc: 45.69 ng/ml



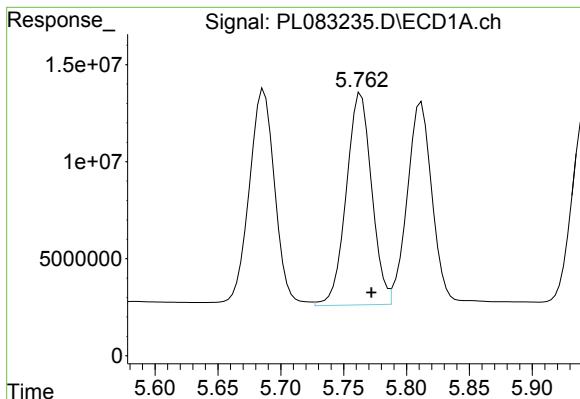
#10 gamma-Chlordane

R.T.: 5.685 min  
Delta R.T.: -0.009 min  
Response: 151671446  
Conc: 47.74 ng/ml m



#10 gamma-Chlordane

R.T.: 4.811 min  
Delta R.T.: -0.008 min  
Response: 143569880  
Conc: 47.80 ng/ml



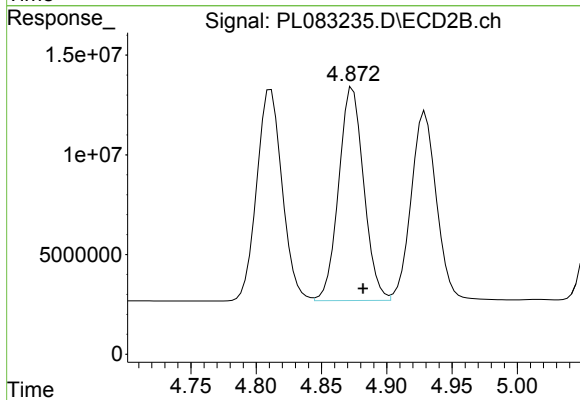
#11 alpha-Chlordane

R.T.: 5.764 min  
Delta R.T.: -0.008 min  
Response: 153385451  
Conc: 47.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

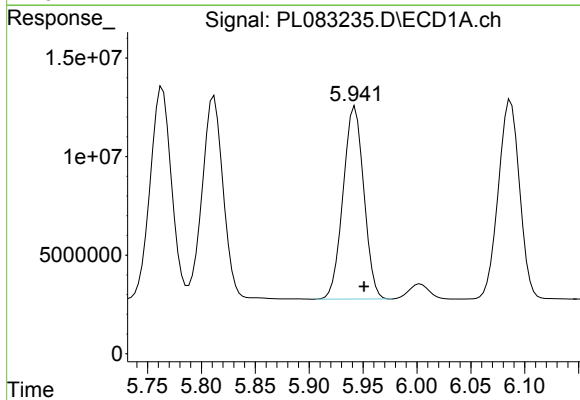
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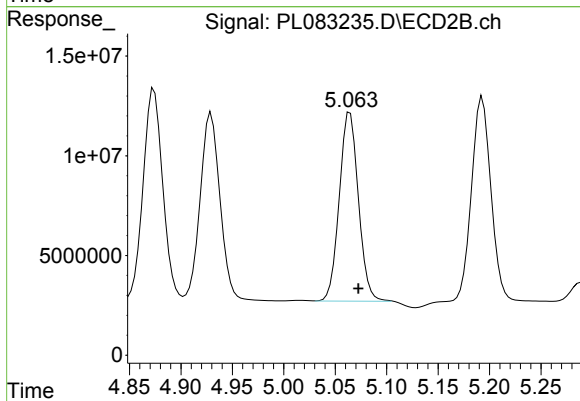
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.008 min  
Response: 142884765  
Conc: 47.60 ng/ml



#12 4,4'-DDE

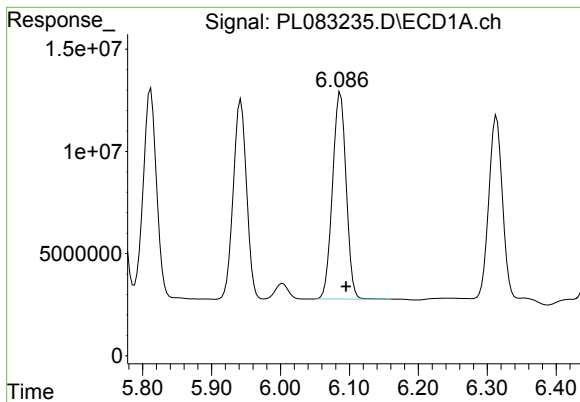
R.T.: 5.942 min  
Delta R.T.: -0.008 min  
Response: 131099535  
Conc: 47.56 ng/ml



#12 4,4'-DDE

R.T.: 5.063 min  
Delta R.T.: -0.009 min  
Response: 122443197  
Conc: 50.41 ng/ml m





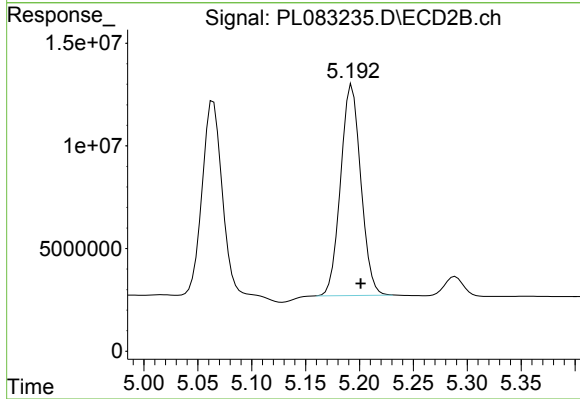
#13 Dieldrin

R.T.: 6.087 min  
Delta R.T.: -0.008 min  
Response: 138956279  
Conc: 46.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

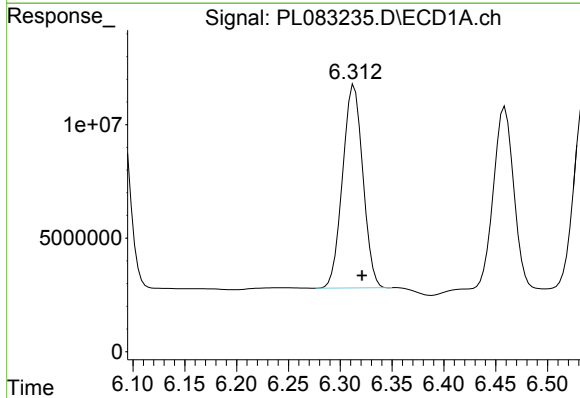
Manual Integrations  
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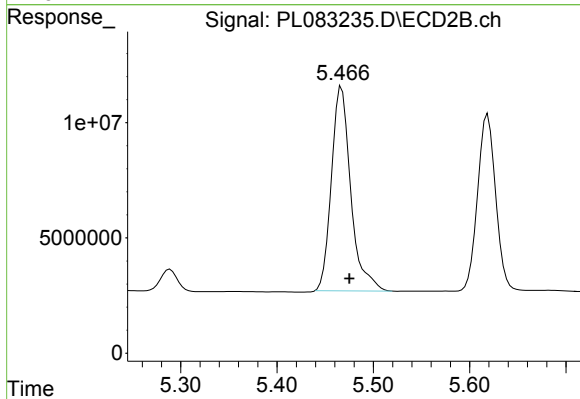
#13 Dieldrin

R.T.: 5.192 min  
Delta R.T.: -0.010 min  
Response: 134423776  
Conc: 47.62 ng/ml m



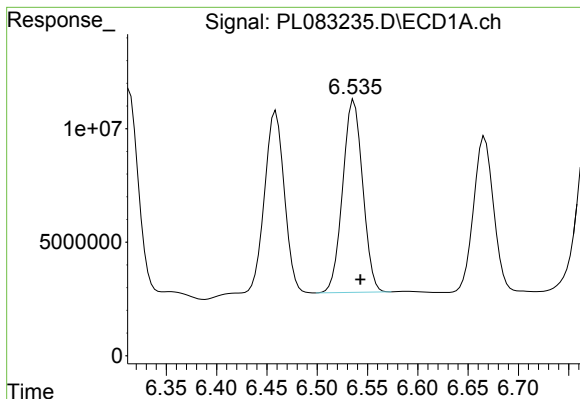
#14 Endrin

R.T.: 6.313 min  
Delta R.T.: -0.008 min  
Response: 121689338  
Conc: 45.28 ng/ml



#14 Endrin

R.T.: 5.467 min  
Delta R.T.: -0.008 min  
Response: 124125328  
Conc: 48.93 ng/ml



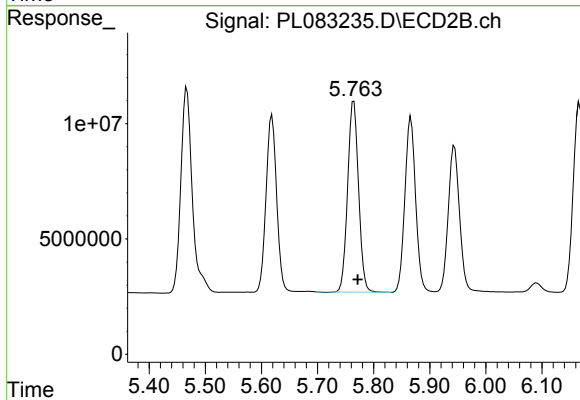
#15 Endosulfan II

R.T.: 6.537 min  
Delta R.T.: -0.006 min  
Response: 117084590  
Conc: 43.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

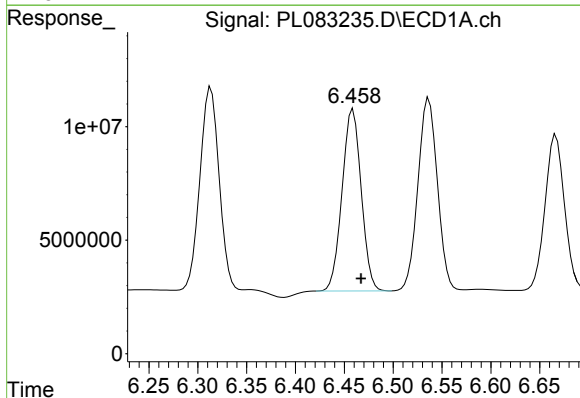
Manual Integrations  
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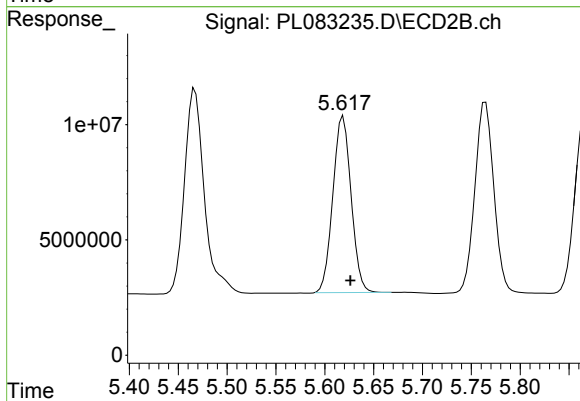
#15 Endosulfan II

R.T.: 5.765 min  
Delta R.T.: -0.007 min  
Response: 111516470  
Conc: 45.07 ng/ml



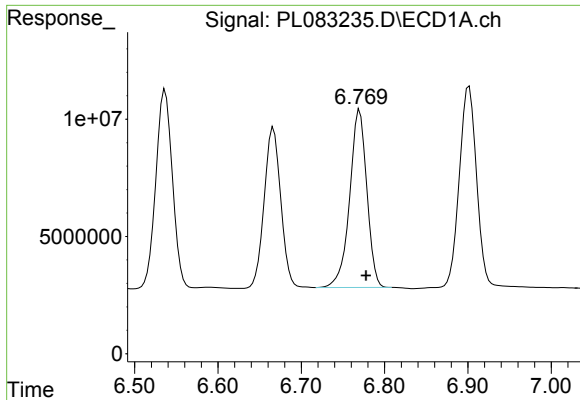
#16 4,4'-DDD

R.T.: 6.459 min  
Delta R.T.: -0.008 min  
Response: 109205241  
Conc: 50.25 ng/ml



#16 4,4'-DDD

R.T.: 5.619 min  
Delta R.T.: -0.007 min  
Response: 99487422  
Conc: 51.73 ng/ml



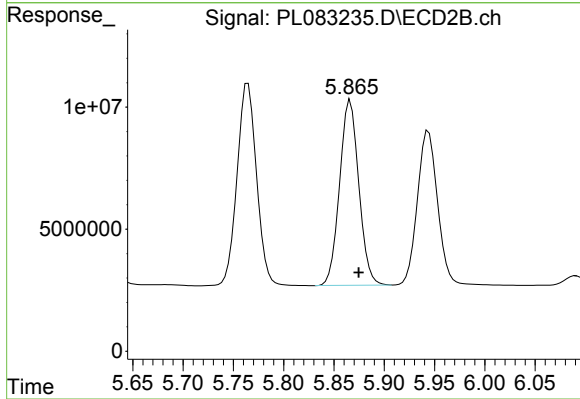
#17 4,4'-DDT

R.T.: 6.770 min  
Delta R.T.: -0.008 min  
Response: 108467789  
Conc: 43.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

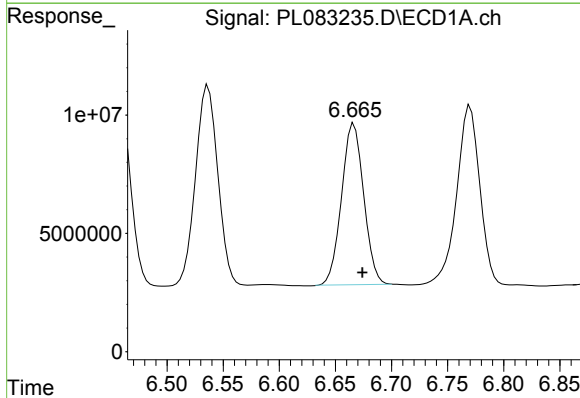
Manual Integrations  
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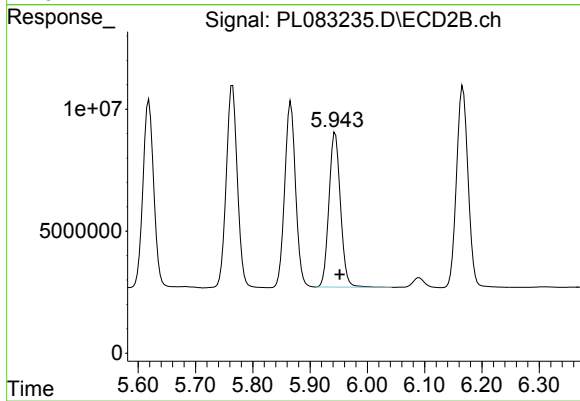
#17 4,4'-DDT

R.T.: 5.865 min  
Delta R.T.: -0.010 min  
Response: 100607689  
Conc: 45.09 ng/ml m



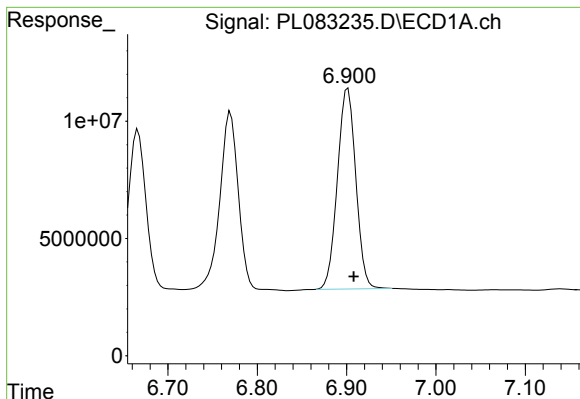
#18 Endrin aldehyde

R.T.: 6.665 min  
Delta R.T.: -0.009 min  
Response: 93500392  
Conc: 46.50 ng/ml m



#18 Endrin aldehyde

R.T.: 5.944 min  
Delta R.T.: -0.008 min  
Response: 88379256  
Conc: 44.69 ng/ml



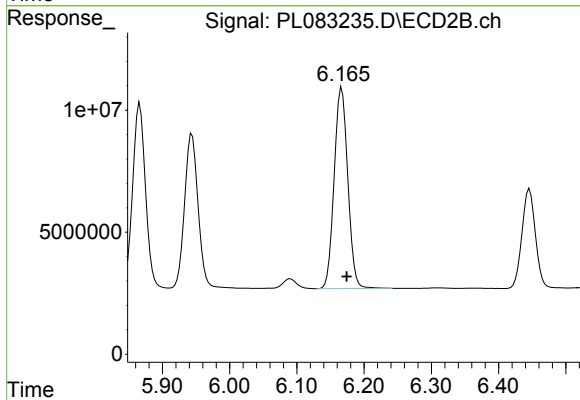
#19 Endosulfan Sulfate

R.T.: 6.901 min  
Delta R.T.: -0.007 min  
Response: 122430355  
Conc: 47.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

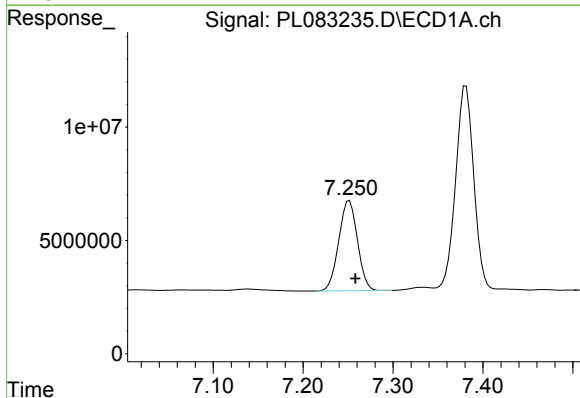
Manual Integrations  
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Reviewed By :Abdul Mirza 06/06/2023  
Supervised By :Ankita Jodhani 06/06/2023



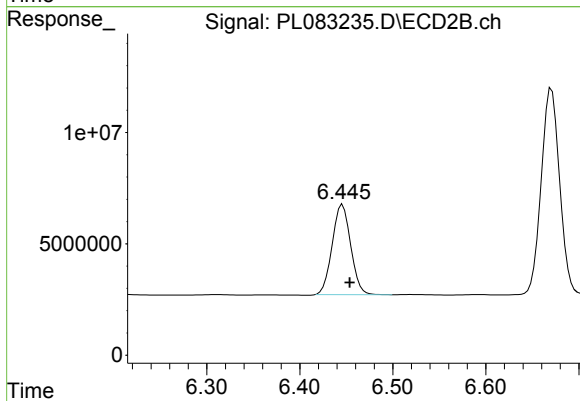
#19 Endosulfan Sulfate

R.T.: 6.167 min  
Delta R.T.: -0.007 min  
Response: 115059130  
Conc: 46.98 ng/ml



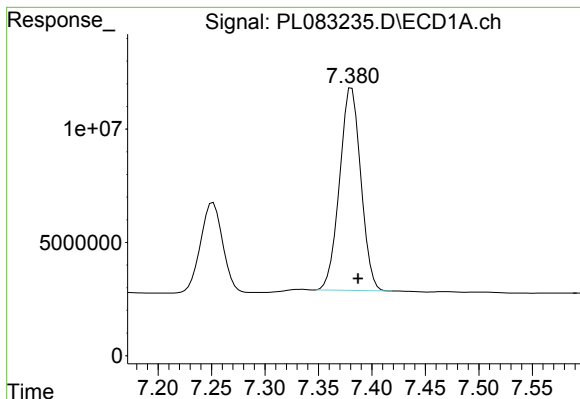
#20 Methoxychlor

R.T.: 7.252 min  
Delta R.T.: -0.006 min  
Response: 57528262  
Conc: 43.50 ng/ml



#20 Methoxychlor

R.T.: 6.446 min  
Delta R.T.: -0.008 min  
Response: 55980204  
Conc: 44.02 ng/ml



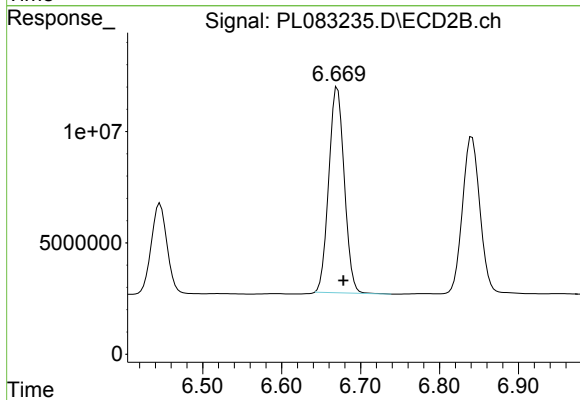
#21 Endrin ketone

R.T.: 7.381 min  
Delta R.T.: -0.006 min  
Response: 123754840  
Conc: 48.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

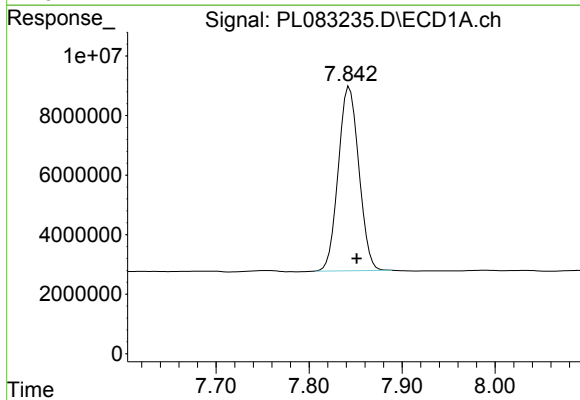
Manual Integrations  
APPROVED

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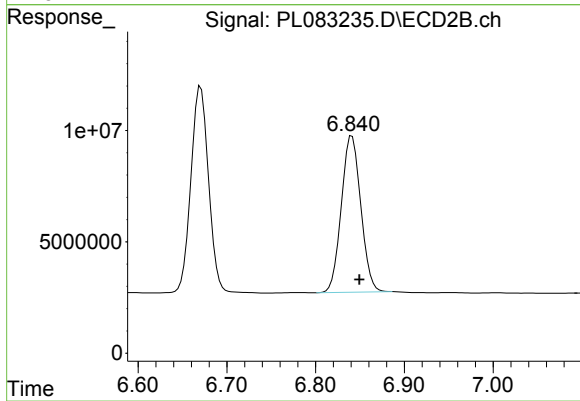
#21 Endrin ketone

R.T.: 6.671 min  
Delta R.T.: -0.008 min  
Response: 125973957  
Conc: 46.59 ng/ml



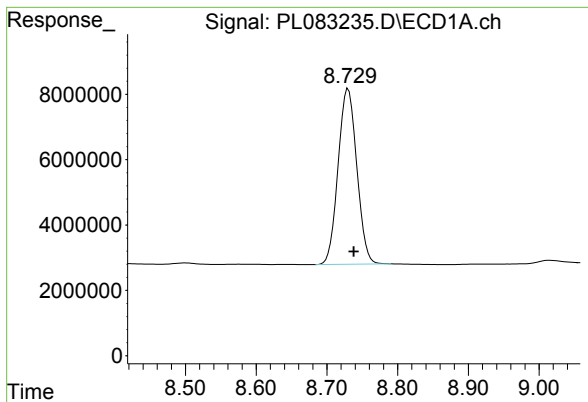
#22 Mirex

R.T.: 7.843 min  
Delta R.T.: -0.008 min  
Response: 95072712  
Conc: 45.36 ng/ml



#22 Mirex

R.T.: 6.840 min  
Delta R.T.: -0.010 min  
Response: 107022089  
Conc: 45.74 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.730 min  
Delta R.T.: -0.008 min  
Response: 98810605  
Conc: 47.11 ng/ml

Instrument :

ECD\_L

ClientSampleId :

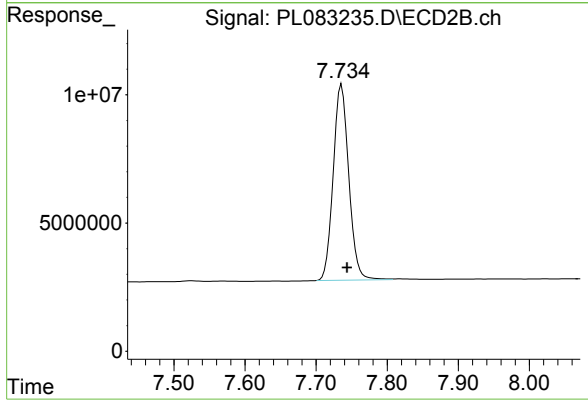
PSTDCCC050

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.736 min  
Delta R.T.: -0.008 min  
Response: 116156262  
Conc: 46.71 ng/ml