

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051623\  
 Data File : PL082733.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 May 2023 15:24  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/17/2023  
 Supervised By :Ankita Jodhani 05/17/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 16 21:45:32 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.322 | 2.643 | 140.6E6  | 114.5E6  | 52.647 | 49.421  |
| 28)                         | SA Decachlor... | 8.745 | 7.754 | 95396470 | 100.4E6  | 49.970 | 43.987  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.771 | 3.139 | 212.9E6  | 164.3E6  | 53.481 | 48.265  |
| 3)                          | MA gamma-BHC... | 4.099 | 3.466 | 198.2E6  | 152.3E6  | 53.013 | 47.381  |
| 4)                          | MA Heptachlor   | 4.678 | 3.798 | 190.0E6  | 154.2E6  | 52.001 | 45.032  |
| 5)                          | MB Aldrin       | 5.015 | 4.074 | 172.6E6  | 148.2E6  | 52.352 | 47.047  |
| 6)                          | B beta-BHC      | 4.303 | 3.765 | 86154928 | 62831173 | 50.516 | 46.050m |
| 7)                          | B delta-BHC     | 4.544 | 3.992 | 189.6E6  | 148.2E6  | 52.693 | 48.302  |
| 8)                          | B Heptachlo...  | 5.441 | 4.576 | 157.5E6  | 131.4E6  | 51.643 | 45.624  |
| 9)                          | A Endosulfan I  | 5.822 | 4.943 | 142.0E6  | 122.6E6  | 51.222 | 45.943  |
| 10)                         | B gamma-Chl...  | 5.696 | 4.825 | 157.7E6  | 133.4E6  | 52.461 | 45.959  |
| 11)                         | B alpha-Chl...  | 5.774 | 4.888 | 153.6E6  | 132.7E6  | 51.453 | 45.720  |
| 12)                         | B 4,4'-DDE      | 5.953 | 5.078 | 136.0E6  | 111.8E6  | 53.482 | 48.611  |
| 13)                         | MA Dieldrin     | 6.097 | 5.208 | 143.8E6  | 122.8E6  | 52.128 | 45.475  |
| 14)                         | MA Endrin       | 6.324 | 5.482 | 123.9E6  | 109.0E6  | 51.093 | 44.569  |
| 15)                         | B Endosulfa...  | 6.547 | 5.779 | 115.0E6  | 103.7E6  | 47.241 | 45.998  |
| 16)                         | A 4,4'-DDD      | 6.469 | 5.633 | 109.2E6  | 93811403 | 53.865 | 50.156  |
| 17)                         | MA 4,4'-DDT     | 6.781 | 5.882 | 113.8E6  | 98129205 | 49.764 | 46.450  |
| 18)                         | B Endrin al...  | 6.677 | 5.959 | 95407295 | 84792921 | 50.636 | 45.310  |
| 19)                         | B Endosulfa...  | 6.911 | 6.182 | 118.6E6  | 106.6E6  | 50.025 | 45.297  |
| 20)                         | A Methoxychlor  | 7.261 | 6.460 | 60180566 | 55892860 | 49.315 | 46.122m |
| 21)                         | B Endrin ke...  | 7.391 | 6.686 | 121.0E6  | 116.6E6  | 50.517 | 45.941m |
| 22)                         | Mirex           | 7.856 | 6.857 | 94594835 | 99607345 | 48.353 | 43.227m |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051623\  
Data File : PL082733.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 May 2023 15:24  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

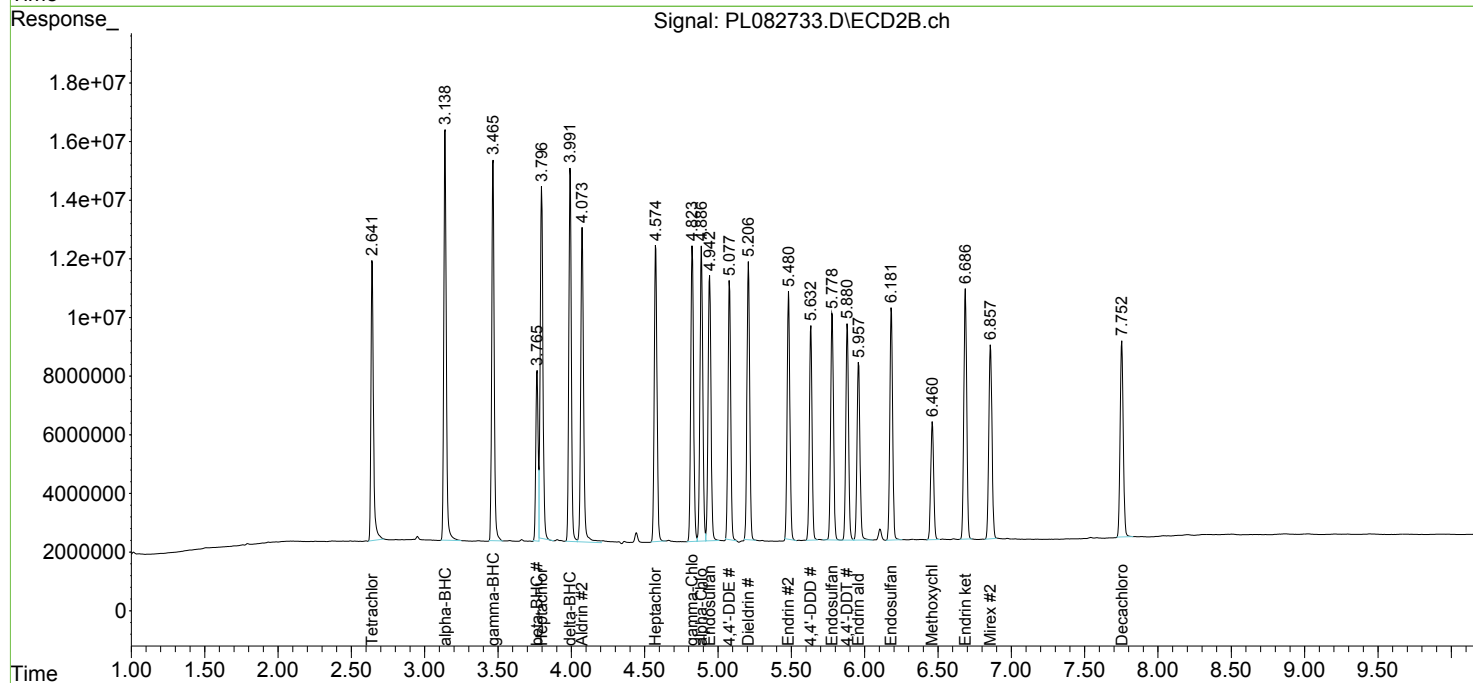
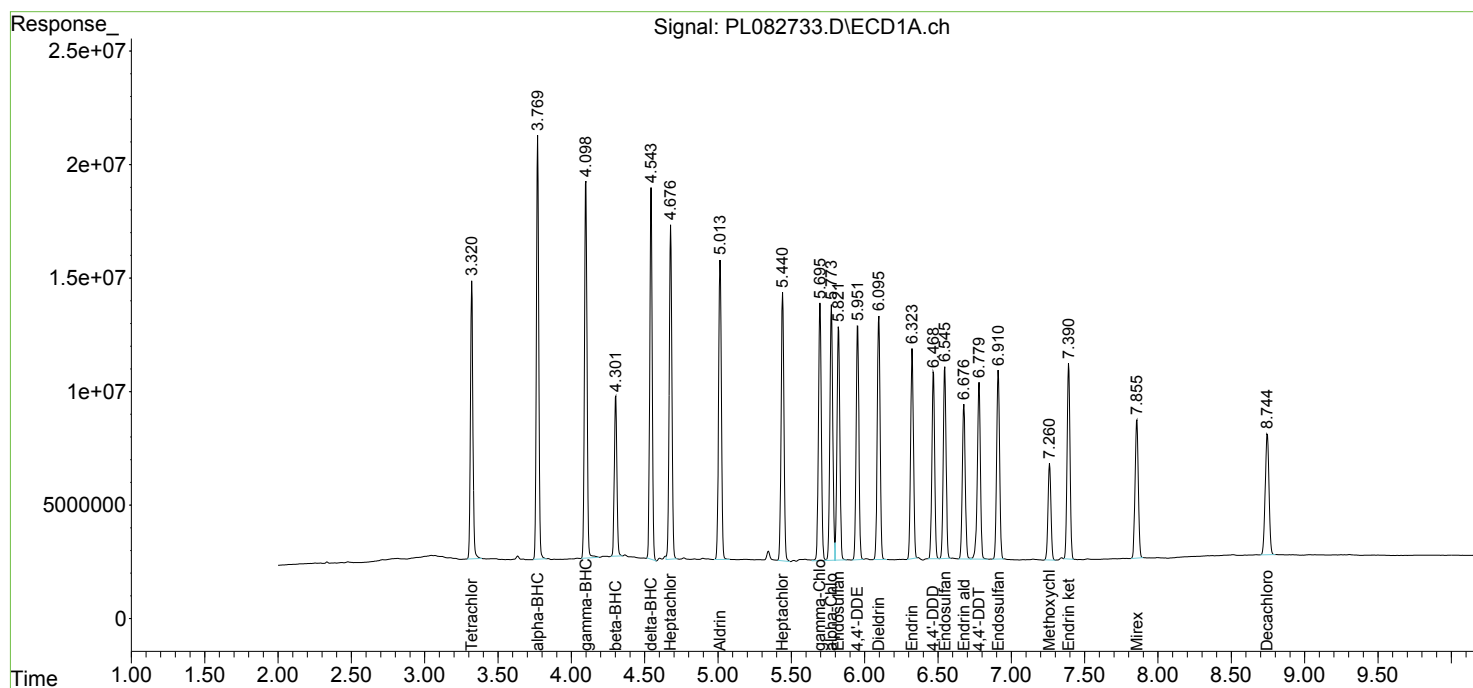
## Manual Integrations

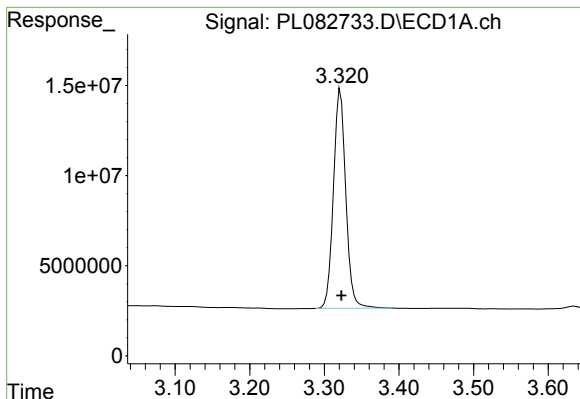
## APPROVED

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Supervised By :Ankita Jodhani 05/17/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 16 21:45:32 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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





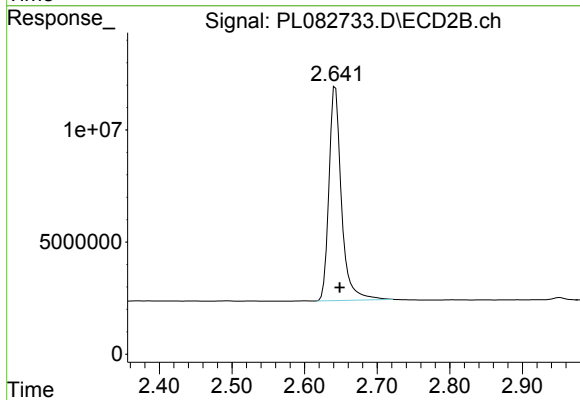
#1 Tetrachloro-m-xylene

R.T.: 3.322 min  
Delta R.T.: -0.001 min  
Response: 140631795  
Conc: 52.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

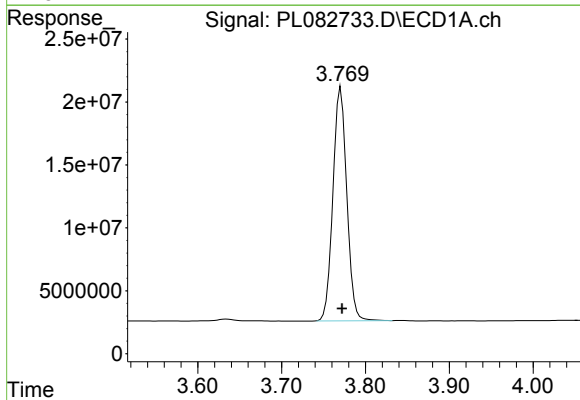
Manual Integrations  
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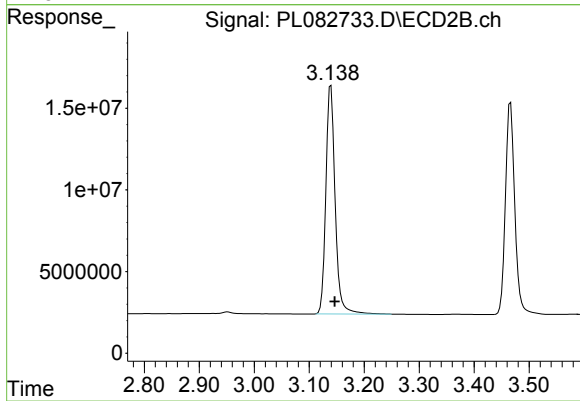
#1 Tetrachloro-m-xylene

R.T.: 2.643 min  
Delta R.T.: -0.006 min  
Response: 114494661  
Conc: 49.42 ng/ml



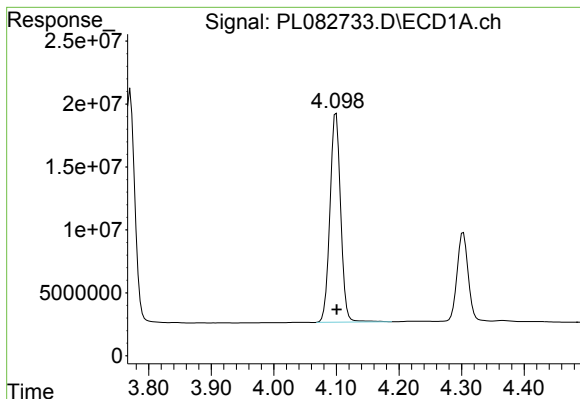
#2 alpha-BHC

R.T.: 3.771 min  
Delta R.T.: -0.002 min  
Response: 212867040  
Conc: 53.48 ng/ml



#2 alpha-BHC

R.T.: 3.139 min  
Delta R.T.: -0.007 min  
Response: 164267732  
Conc: 48.26 ng/ml



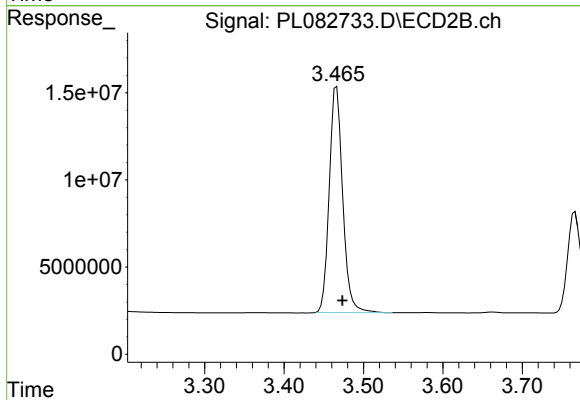
#3 gamma-BHC (Lindane)

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 198212667  
Conc: 53.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

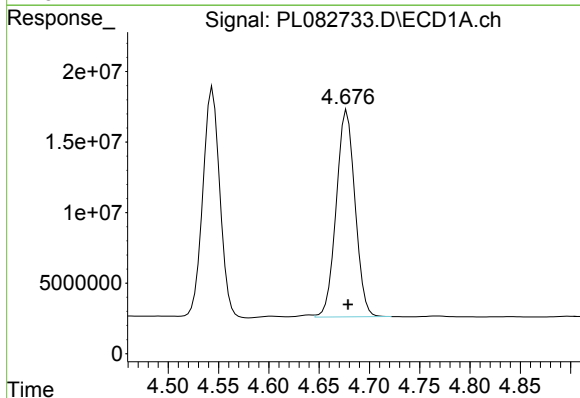
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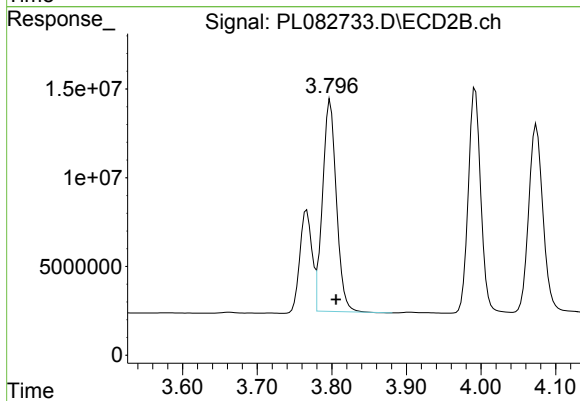
#3 gamma-BHC (Lindane)

R.T.: 3.466 min  
Delta R.T.: -0.007 min  
Response: 152344336  
Conc: 47.38 ng/ml



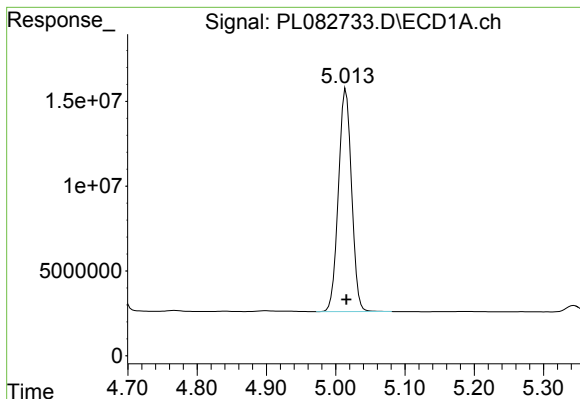
#4 Heptachlor

R.T.: 4.678 min  
Delta R.T.: -0.001 min  
Response: 190008107  
Conc: 52.00 ng/ml



#4 Heptachlor

R.T.: 3.798 min  
Delta R.T.: -0.008 min  
Response: 154155281  
Conc: 45.03 ng/ml



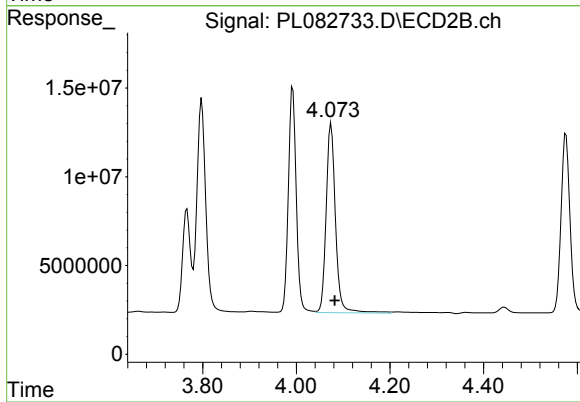
#5 Aldrin

R.T.: 5.015 min  
Delta R.T.: 0.000 min  
Response: 172636270  
Conc: 52.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

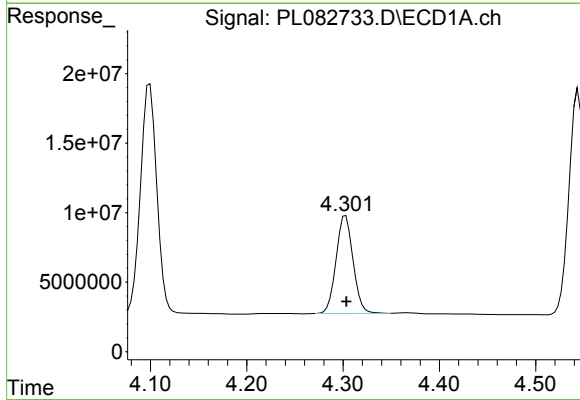
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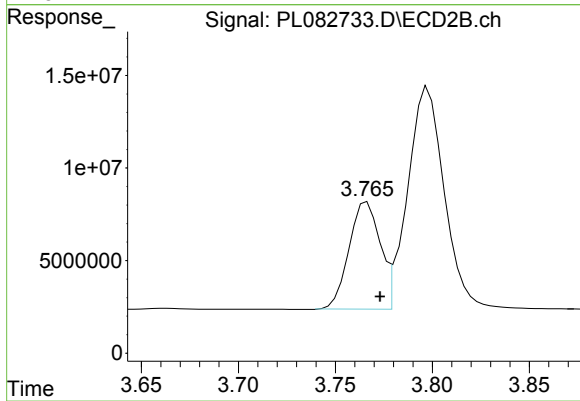
#5 Aldrin

R.T.: 4.074 min  
Delta R.T.: -0.008 min  
Response: 148190734  
Conc: 47.05 ng/ml



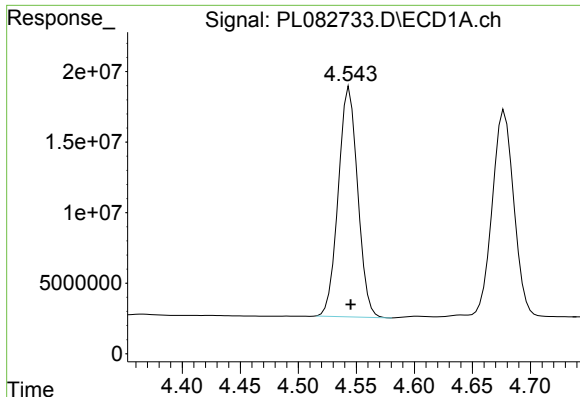
#6 beta-BHC

R.T.: 4.303 min  
Delta R.T.: 0.000 min  
Response: 86154928  
Conc: 50.52 ng/ml



#6 beta-BHC

R.T.: 3.765 min  
Delta R.T.: -0.008 min  
Response: 62831173  
Conc: 46.05 ng/ml m



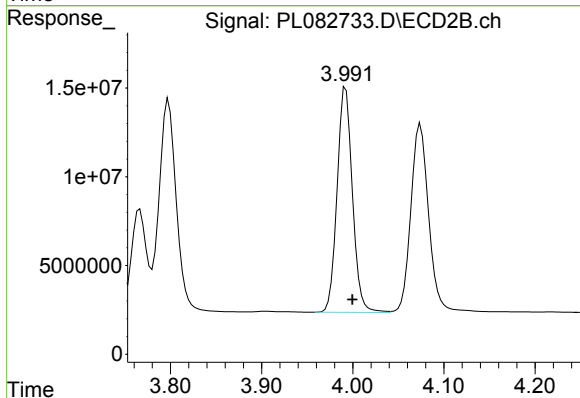
#7 delta-BHC

R.T.: 4.544 min  
Delta R.T.: -0.001 min  
Response: 189577556  
Conc: 52.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

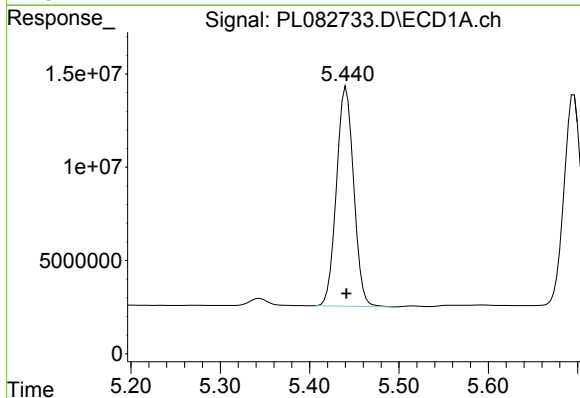
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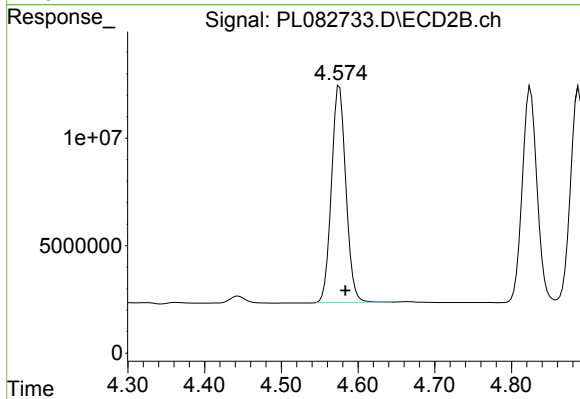
#7 delta-BHC

R.T.: 3.992 min  
Delta R.T.: -0.007 min  
Response: 148162213  
Conc: 48.30 ng/ml



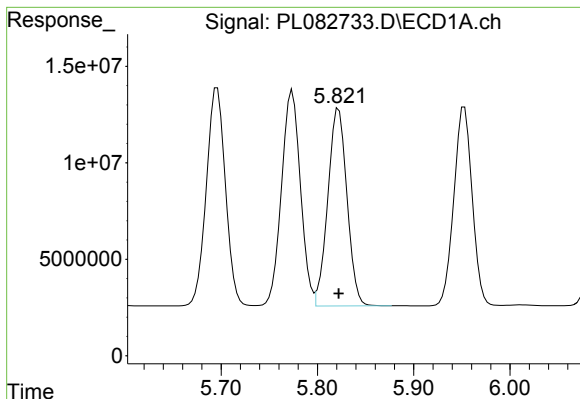
#8 Heptachlor epoxide

R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 157527905  
Conc: 51.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.576 min  
Delta R.T.: -0.008 min  
Response: 131438905  
Conc: 45.62 ng/ml



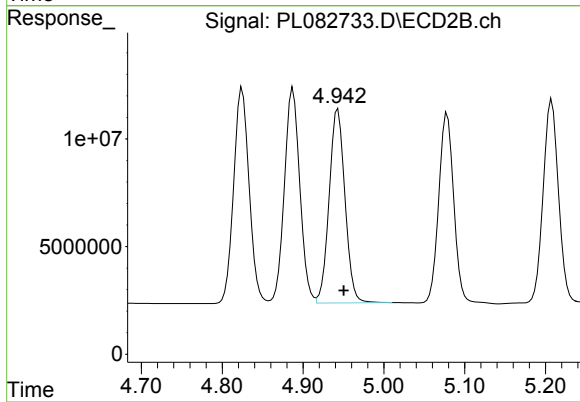
#9 Endosulfan I

R.T.: 5.822 min  
Delta R.T.: 0.000 min  
Response: 142024493  
Conc: 51.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

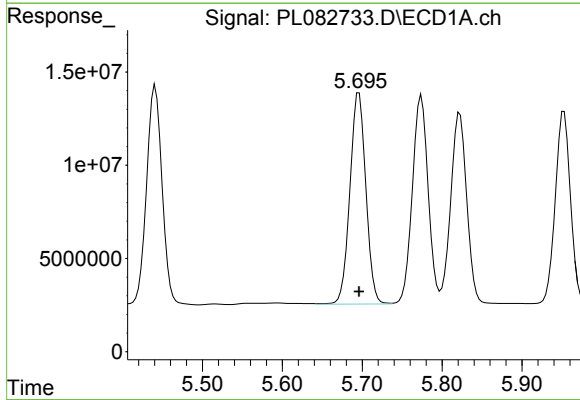
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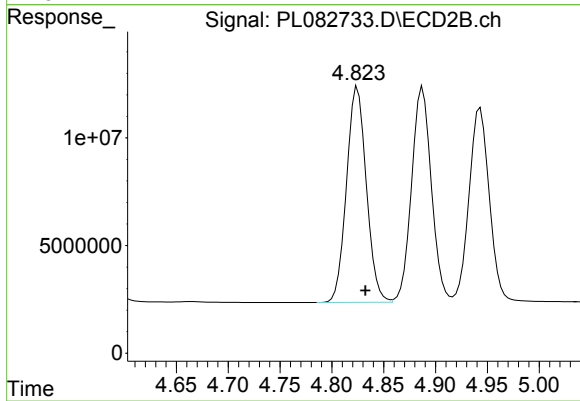
#9 Endosulfan I

R.T.: 4.943 min  
Delta R.T.: -0.007 min  
Response: 122640894  
Conc: 45.94 ng/ml



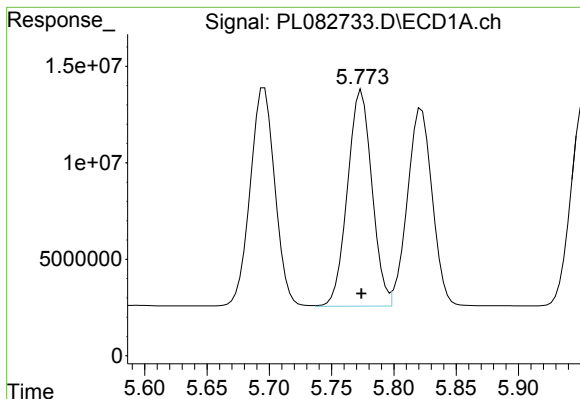
#10 gamma-Chlordane

R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 157743034  
Conc: 52.46 ng/ml



#10 gamma-Chlordane

R.T.: 4.825 min  
Delta R.T.: -0.008 min  
Response: 133366848  
Conc: 45.96 ng/ml



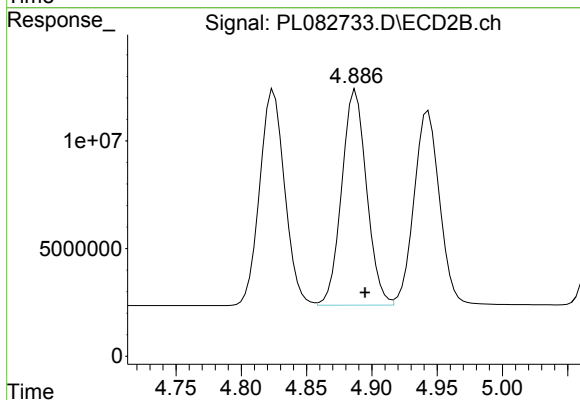
#11 alpha-Chlordane

R.T.: 5.774 min  
Delta R.T.: 0.000 min  
Response: 153566952  
Conc: 51.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

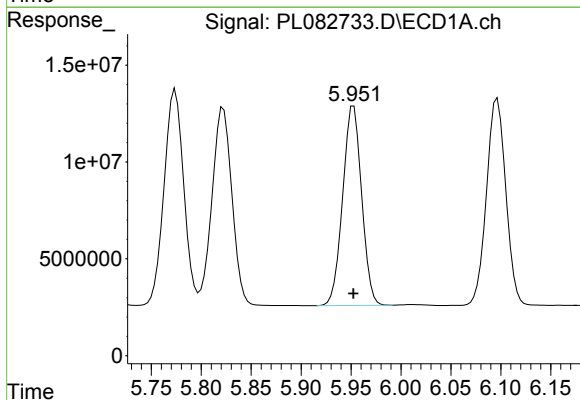
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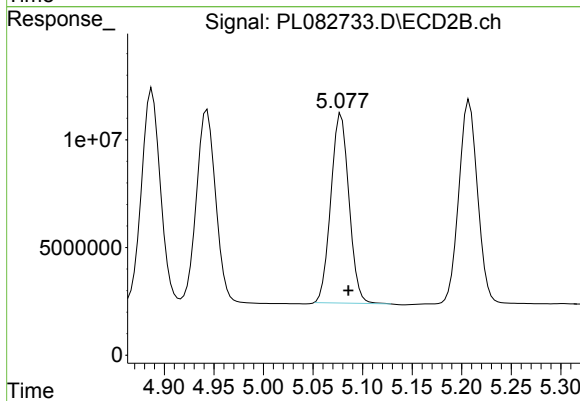
#11 alpha-Chlordane

R.T.: 4.888 min  
Delta R.T.: -0.007 min  
Response: 132716283  
Conc: 45.72 ng/ml



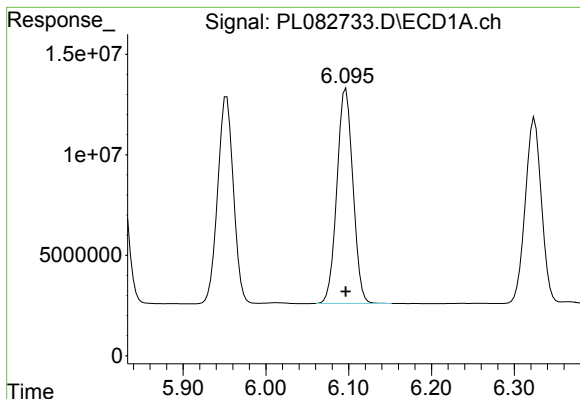
#12 4,4'-DDE

R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 135953400  
Conc: 53.48 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min  
Delta R.T.: -0.007 min  
Response: 111754196  
Conc: 48.61 ng/ml



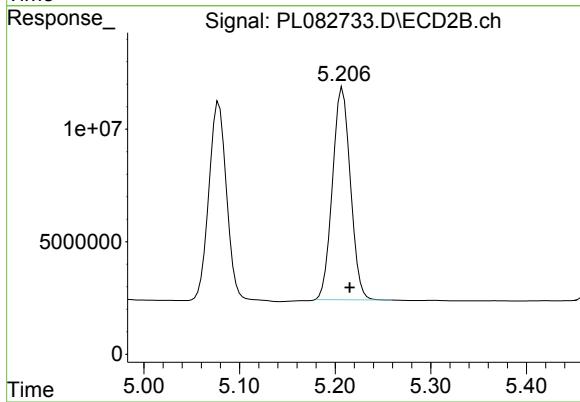
#13 Dieldrin

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 143827915  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

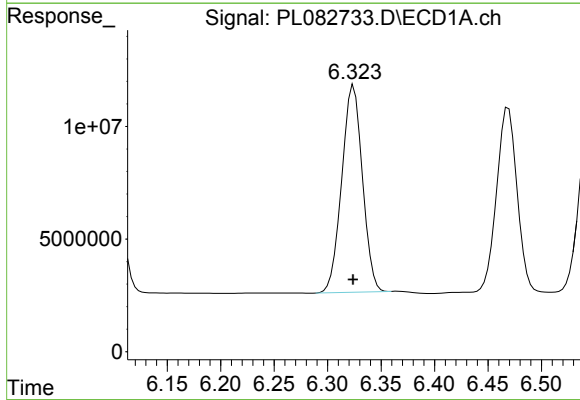
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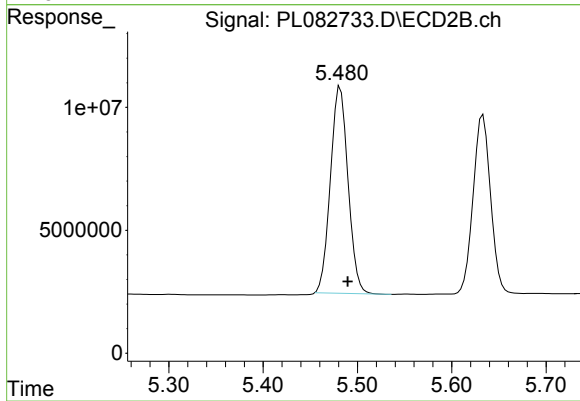
#13 Dieldrin

R.T.: 5.208 min  
Delta R.T.: -0.008 min  
Response: 122798995  
Conc: 45.47 ng/ml



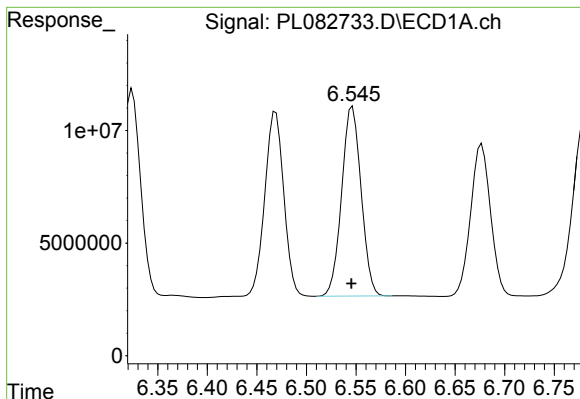
#14 Endrin

R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 123876544  
Conc: 51.09 ng/ml



#14 Endrin

R.T.: 5.482 min  
Delta R.T.: -0.008 min  
Response: 109014104  
Conc: 44.57 ng/ml



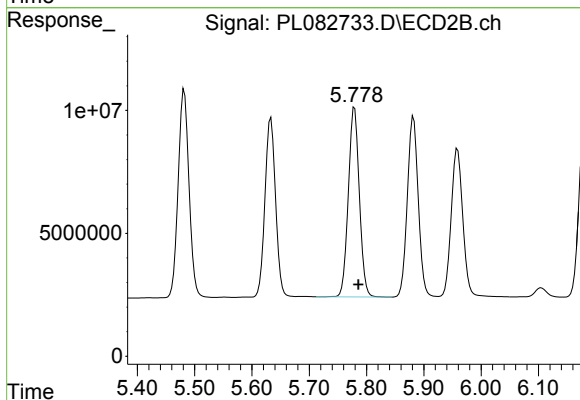
#15 Endosulfan II

R.T.: 6.547 min  
Delta R.T.: 0.001 min  
Response: 115011116  
Conc: 47.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

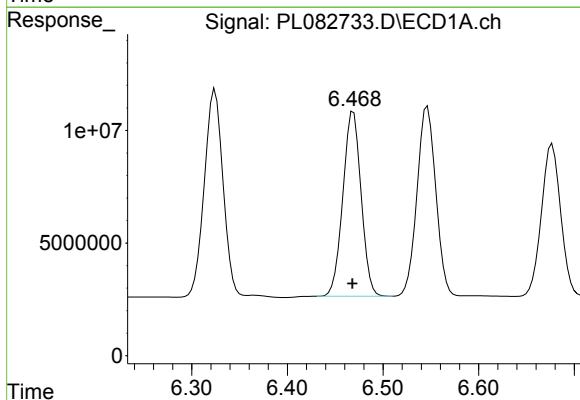
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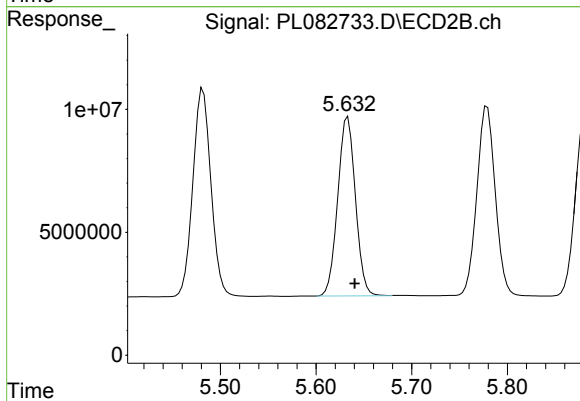
#15 Endosulfan II

R.T.: 5.779 min  
Delta R.T.: -0.007 min  
Response: 103685411  
Conc: 46.00 ng/ml



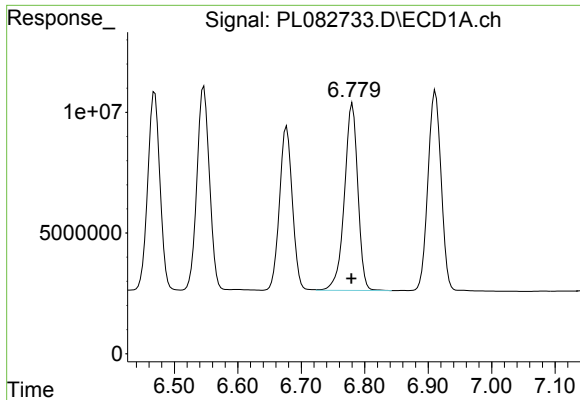
#16 4,4'-DDD

R.T.: 6.469 min  
Delta R.T.: 0.000 min  
Response: 109195271  
Conc: 53.87 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min  
Delta R.T.: -0.007 min  
Response: 93811403  
Conc: 50.16 ng/ml



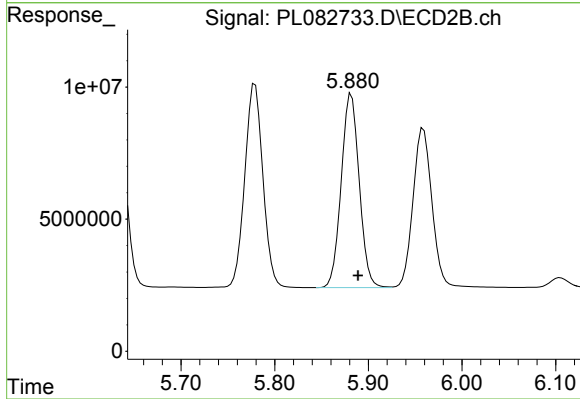
#17 4,4'-DDT

R.T.: 6.781 min  
Delta R.T.: 0.002 min  
Response: 113844869  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

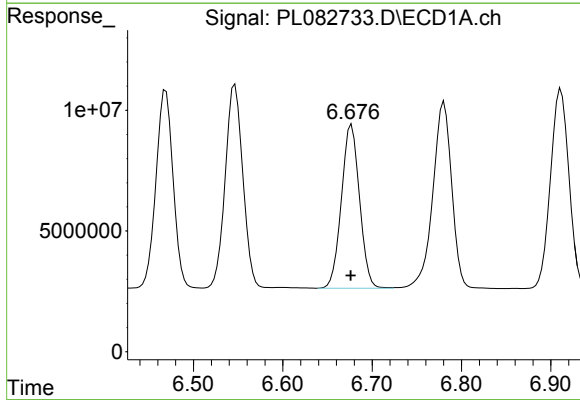
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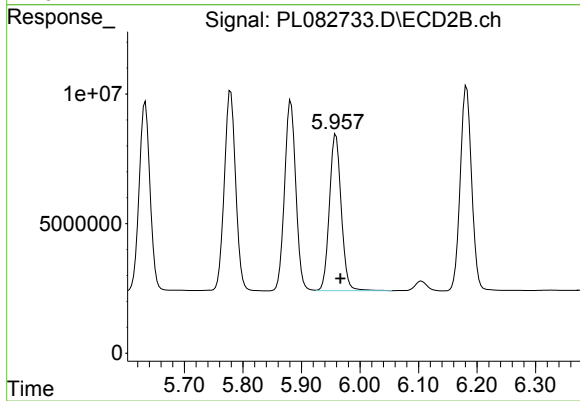
#17 4,4'-DDT

R.T.: 5.882 min  
Delta R.T.: -0.007 min  
Response: 98129205  
Conc: 46.45 ng/ml



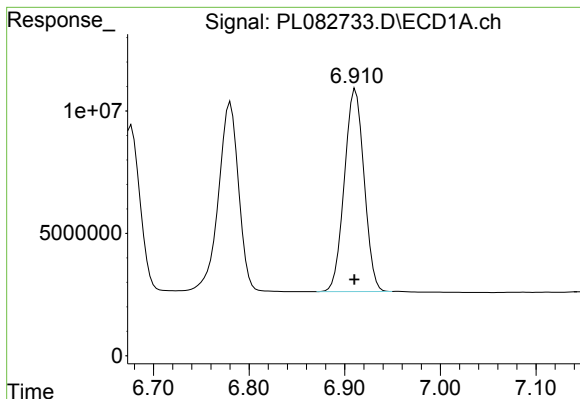
#18 Endrin aldehyde

R.T.: 6.677 min  
Delta R.T.: 0.000 min  
Response: 95407295  
Conc: 50.64 ng/ml



#18 Endrin aldehyde

R.T.: 5.959 min  
Delta R.T.: -0.008 min  
Response: 84792921  
Conc: 45.31 ng/ml



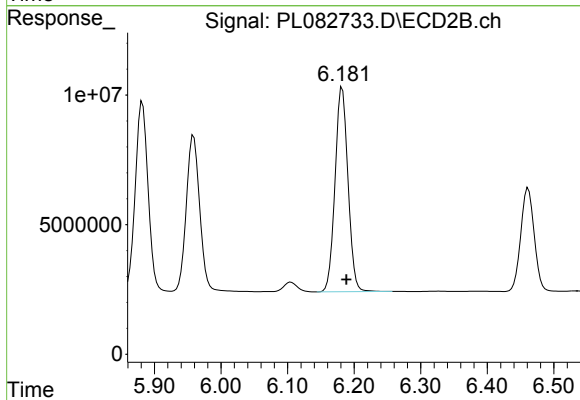
#19 Endosulfan Sulfate

R.T.: 6.911 min  
Delta R.T.: 0.001 min  
Response: 118637143  
Conc: 50.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

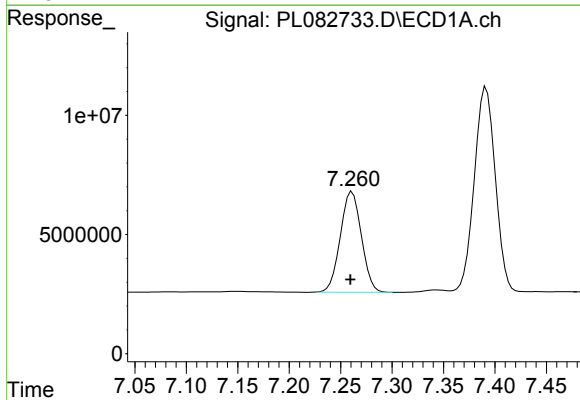
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Supervised By :Ankita Jodhani 05/17/2023



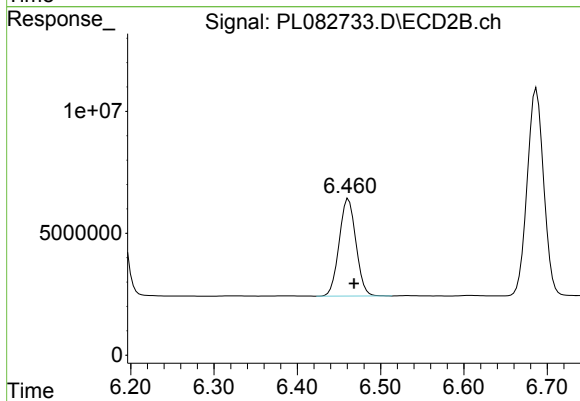
#19 Endosulfan Sulfate

R.T.: 6.182 min  
Delta R.T.: -0.006 min  
Response: 106640750  
Conc: 45.30 ng/ml



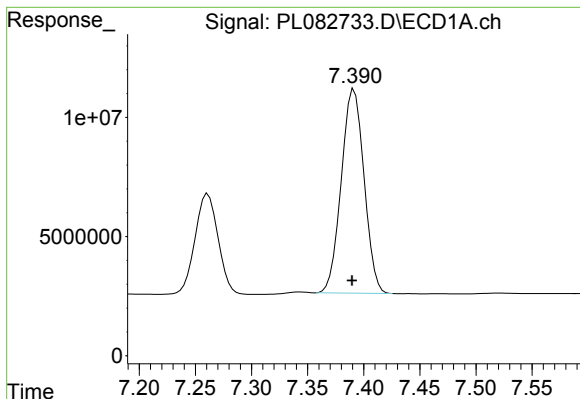
#20 Methoxychlor

R.T.: 7.261 min  
Delta R.T.: 0.001 min  
Response: 60180566  
Conc: 49.31 ng/ml



#20 Methoxychlor

R.T.: 6.460 min  
Delta R.T.: -0.008 min  
Response: 55892860  
Conc: 46.12 ng/ml m



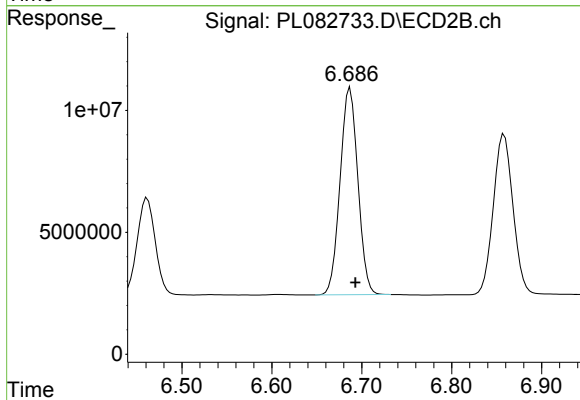
#21 Endrin ketone

R.T.: 7.391 min  
Delta R.T.: 0.002 min  
Response: 120957706  
Conc: 50.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

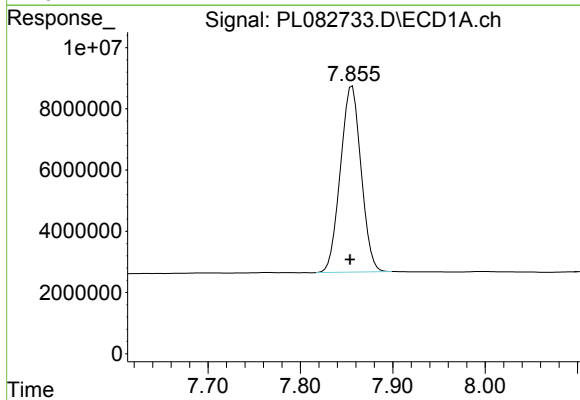
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/17/2023  
Supervised By :Ankita Jodhani 05/17/2023



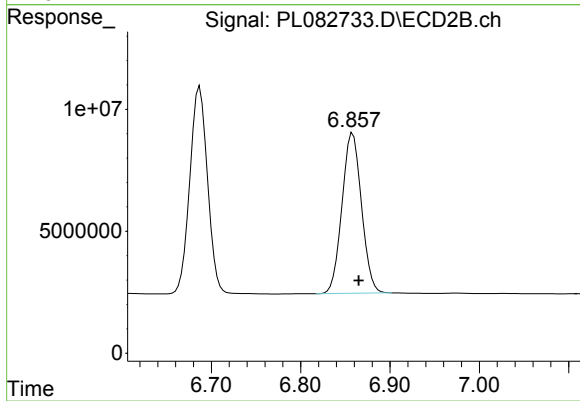
#21 Endrin ketone

R.T.: 6.686 min  
Delta R.T.: -0.007 min  
Response: 116606859  
Conc: 45.94 ng/ml m



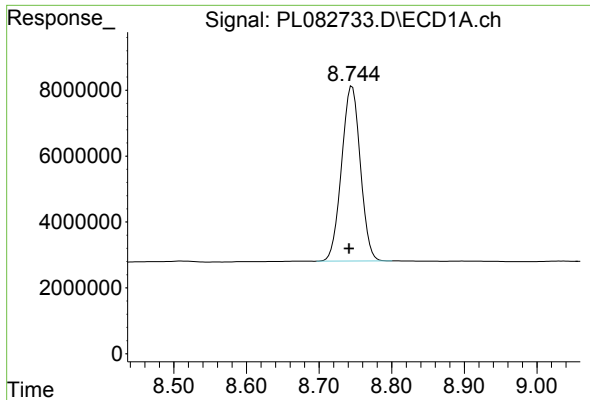
#22 Mirex

R.T.: 7.856 min  
Delta R.T.: 0.002 min  
Response: 94594835  
Conc: 48.35 ng/ml



#22 Mirex

R.T.: 6.857 min  
Delta R.T.: -0.008 min  
Response: 99607345  
Conc: 43.23 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.745 min  
Delta R.T.: 0.004 min  
Response: 95396470  
Conc: 49.97 ng/ml

Instrument :

ECD\_L

ClientSampleId :

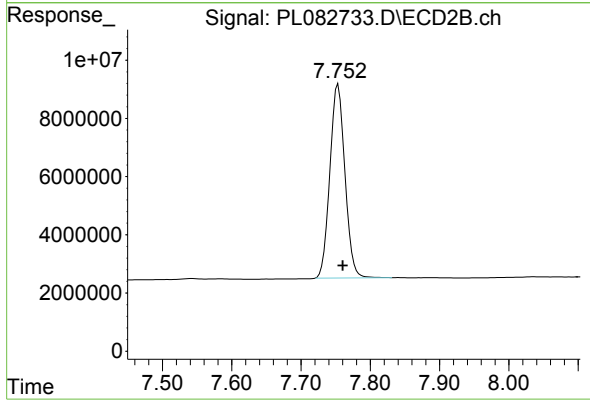
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/17/2023

Supervised By :Ankita Jodhani 05/17/2023



#28 Decachlorobiphenyl

R.T.: 7.754 min  
Delta R.T.: -0.006 min  
Response: 100400300  
Conc: 43.99 ng/ml