

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102924\  
 Data File : PL092723.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Oct 2024 16:53  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/30/2024  
 Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 30 00:52:58 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 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... | 3.541 | 2.778 | 128.0E6  | 146.8E6  | 52.228  | 53.944  |
| 28)                         | SA Decachlor... | 9.055 | 7.917 | 98131342 | 139.0E6  | 50.989  | 50.927  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.997 | 3.281 | 177.4E6  | 220.3E6  | 52.305  | 55.200  |
| 3)                          | MA gamma-BHC... | 4.329 | 3.611 | 170.7E6  | 210.8E6  | 52.365  | 54.616  |
| 4)                          | MA Heptachlor   | 4.916 | 3.950 | 151.8E6  | 201.0E6  | 50.552m | 53.253  |
| 5)                          | MB Aldrin       | 5.258 | 4.230 | 152.4E6  | 201.8E6  | 50.780m | 55.123  |
| 6)                          | B beta-BHC      | 4.527 | 3.910 | 74623645 | 87696478 | 51.626  | 53.270  |
| 7)                          | B delta-BHC     | 4.774 | 4.140 | 163.1E6  | 210.6E6  | 52.099  | 54.789  |
| 8)                          | B Heptachlo...  | 5.684 | 4.732 | 139.6E6  | 179.0E6  | 50.539m | 53.580  |
| 9)                          | A Endosulfan I  | 6.071 | 5.102 | 125.9E6  | 163.6E6  | 50.332  | 53.595  |
| 10)                         | B gamma-Chl...  | 5.941 | 4.983 | 135.8E6  | 180.5E6  | 51.046  | 53.688  |
| 11)                         | B alpha-Chl...  | 6.020 | 5.046 | 134.2E6  | 178.6E6  | 50.689  | 53.703  |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.234 | 120.1E6  | 176.3E6  | 50.678  | 54.722m |
| 13)                         | MA Dieldrin     | 6.346 | 5.366 | 132.3E6  | 181.4E6  | 50.217  | 54.294  |
| 14)                         | MA Endrin       | 6.576 | 5.642 | 107.1E6  | 149.4E6  | 47.045  | 51.634  |
| 15)                         | B Endosulfa...  | 6.795 | 5.935 | 116.3E6  | 152.0E6  | 48.804  | 53.633m |
| 16)                         | A 4,4'-DDD      | 6.711 | 5.790 | 102.9E6  | 141.6E6  | 53.591  | 56.876  |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.040 | 97642269 | 129.4E6  | 47.176  | 48.239  |
| 18)                         | B Endrin al...  | 6.925 | 6.116 | 94781212 | 118.2E6  | 50.470  | 51.218  |
| 19)                         | B Endosulfa...  | 7.159 | 6.339 | 106.8E6  | 141.6E6  | 49.230  | 52.490  |
| 20)                         | A Methoxychlor  | 7.501 | 6.615 | 54289394 | 69213998 | 47.622  | 48.468  |
| 21)                         | B Endrin ke...  | 7.644 | 6.844 | 123.6E6  | 161.8E6  | 51.006  | 52.709  |
| 22)                         | Mirex           | 8.117 | 7.024 | 95957504 | 129.2E6  | 48.422  | 49.518  |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102924\  
Data File : PL092723.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Oct 2024 16:53  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

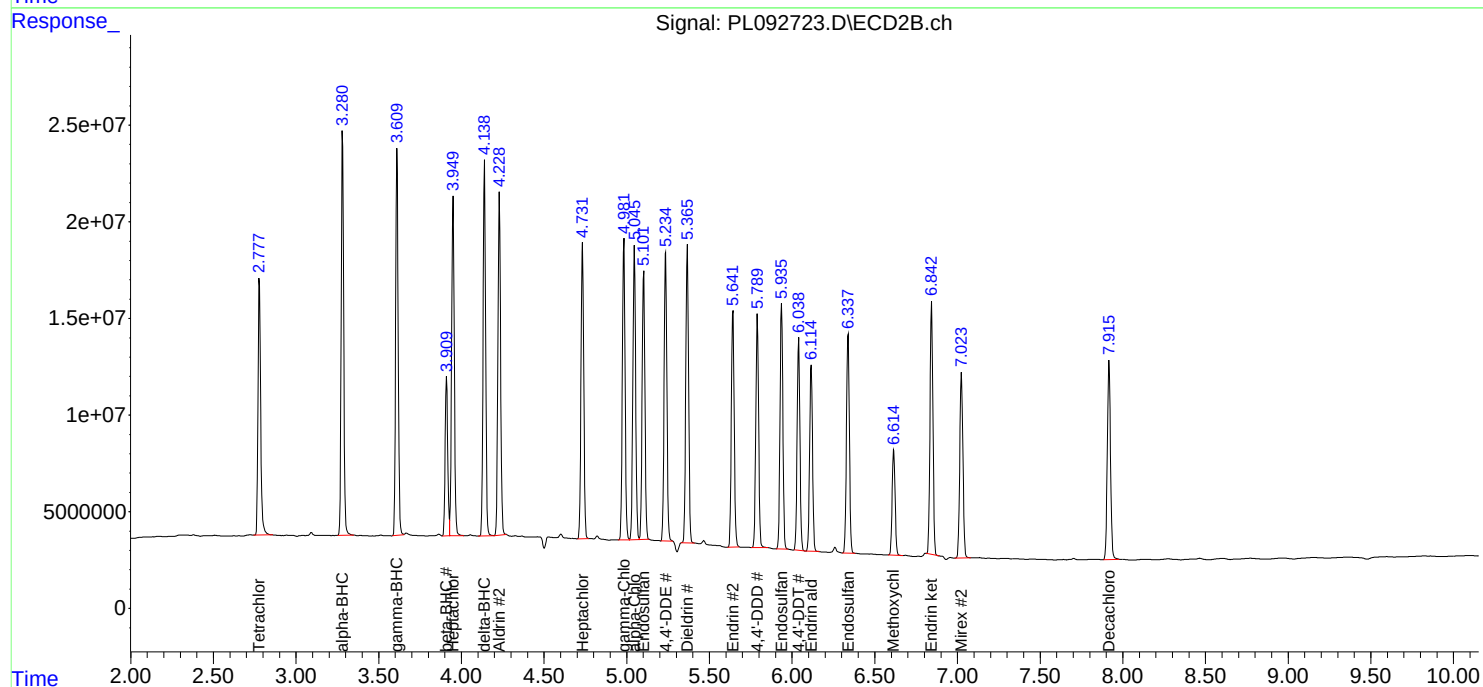
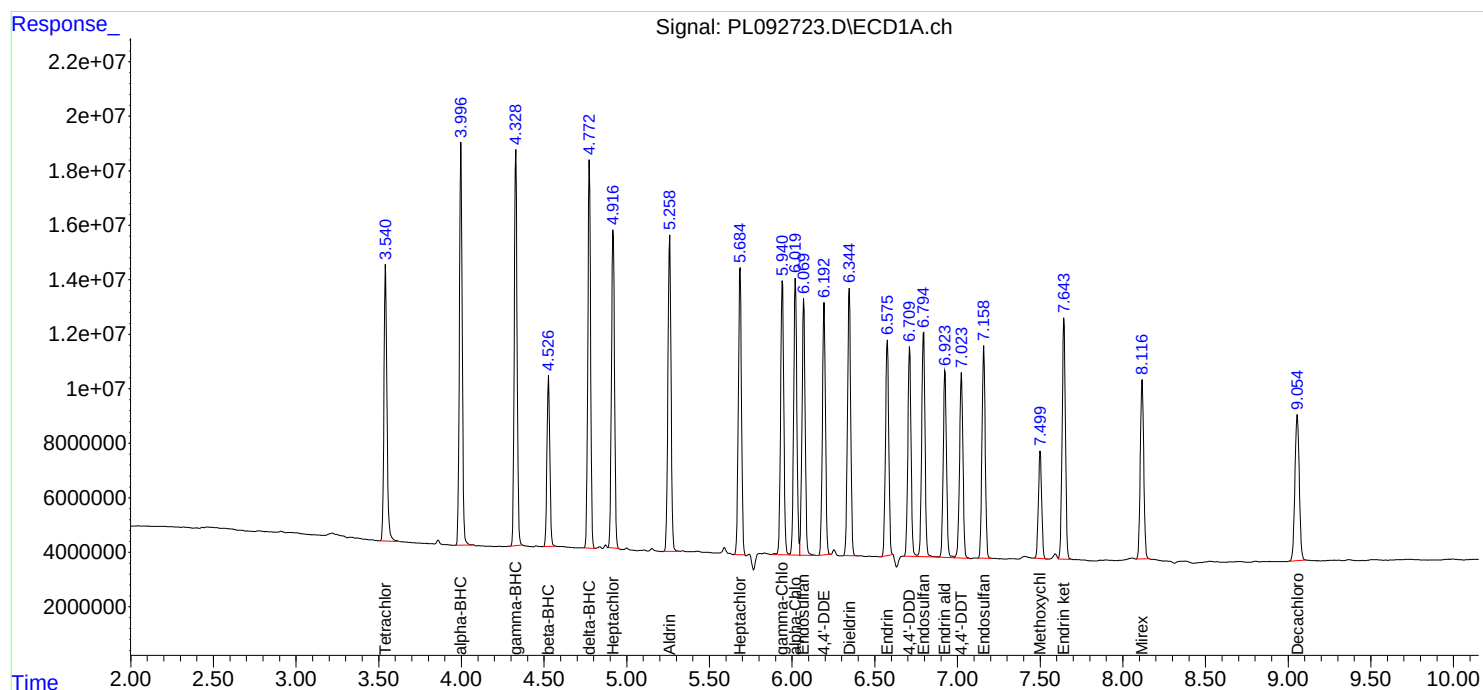
## APPROVED

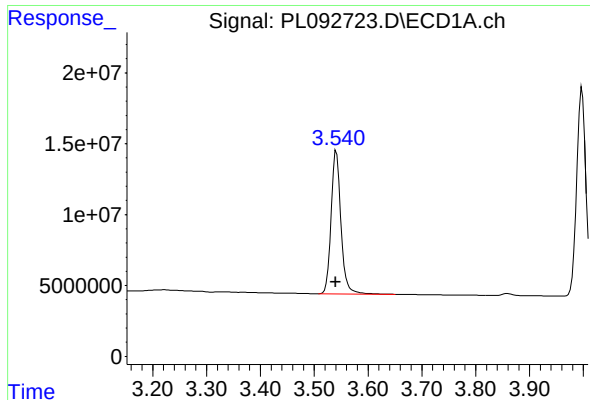
Reviewed By :Abdul Mirza 10/30/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 00:52:58 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 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





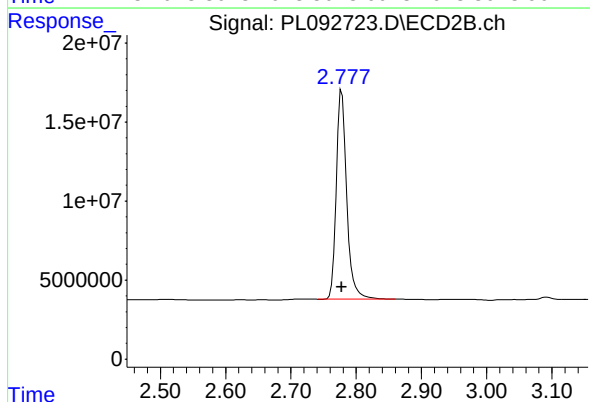
#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: 0.001 min  
Response: 127970996  
Conc: 52.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

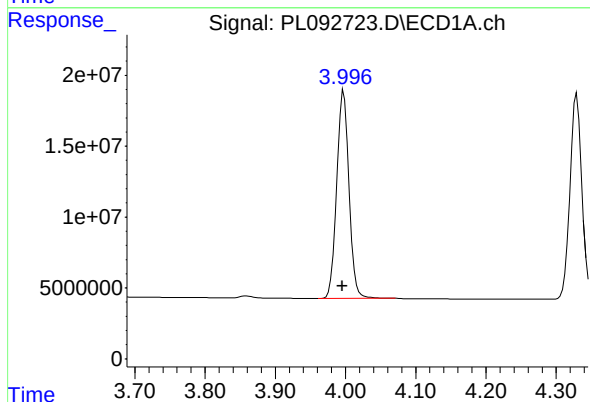
Manual Integrations  
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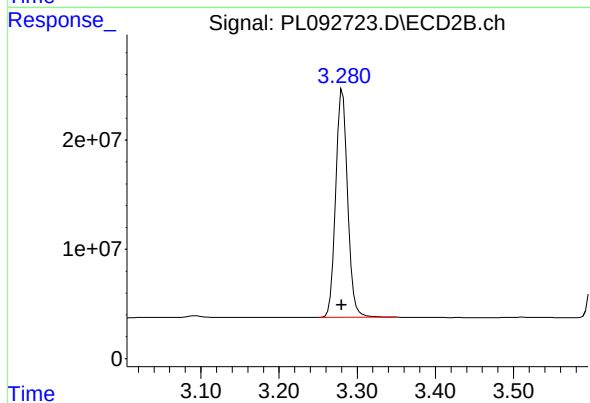
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 146790855  
Conc: 53.94 ng/ml



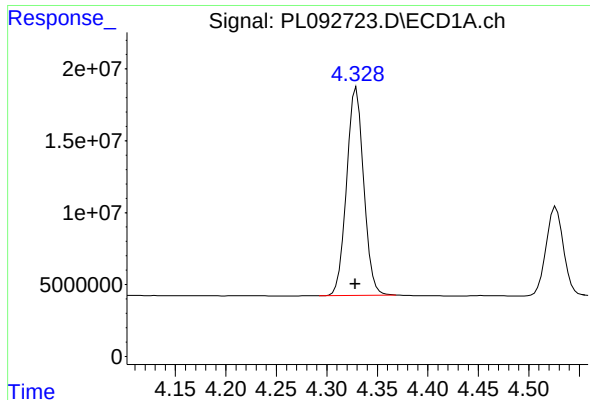
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.002 min  
Response: 177395024  
Conc: 52.30 ng/ml



#2 alpha-BHC

R.T.: 3.281 min  
Delta R.T.: 0.000 min  
Response: 220258937  
Conc: 55.20 ng/ml



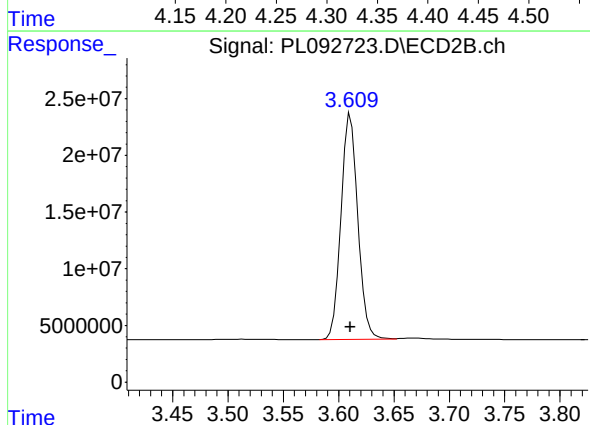
#3 gamma-BHC (Lindane)

R.T.: 4.329 min  
Delta R.T.: 0.001 min  
Response: 170686673  
Conc: 52.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

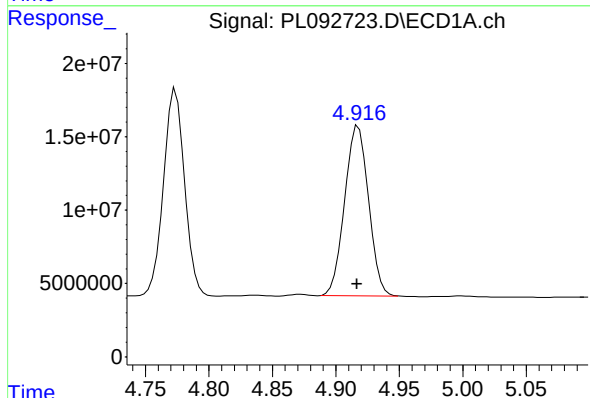
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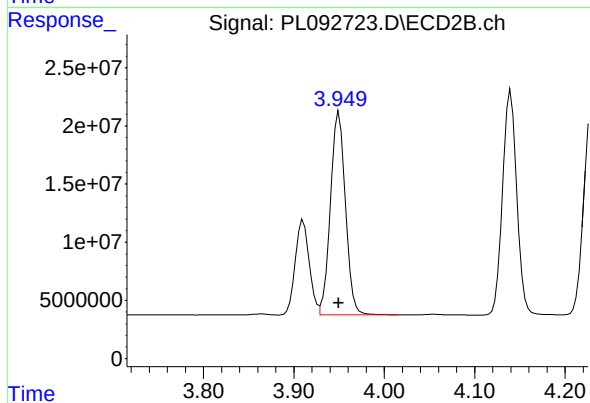
#3 gamma-BHC (Lindane)

R.T.: 3.611 min  
Delta R.T.: 0.000 min  
Response: 210789303  
Conc: 54.62 ng/ml



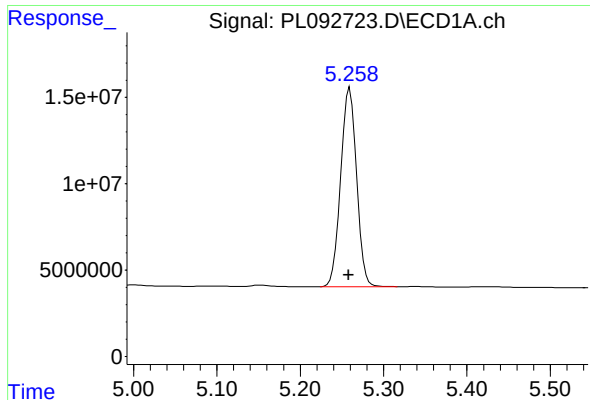
#4 Heptachlor

R.T.: 4.916 min  
Delta R.T.: 0.000 min  
Response: 151813909  
Conc: 50.55 ng/ml m



#4 Heptachlor

R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 200974111  
Conc: 53.25 ng/ml



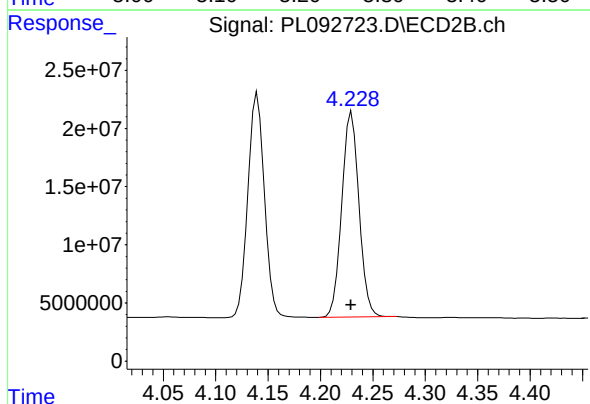
#5 Aldrin

R.T.: 5.258 min  
Delta R.T.: 0.000 min  
Response: 152416588  
Conc: 50.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

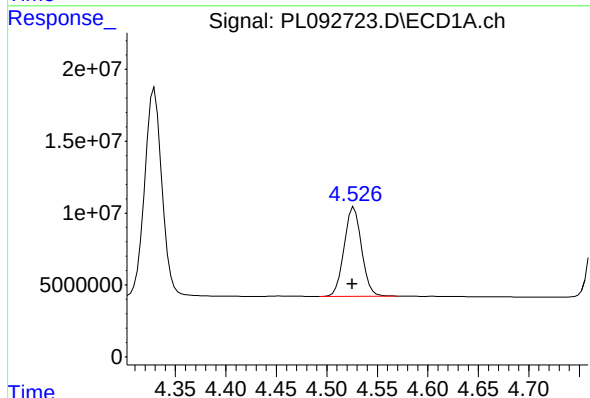
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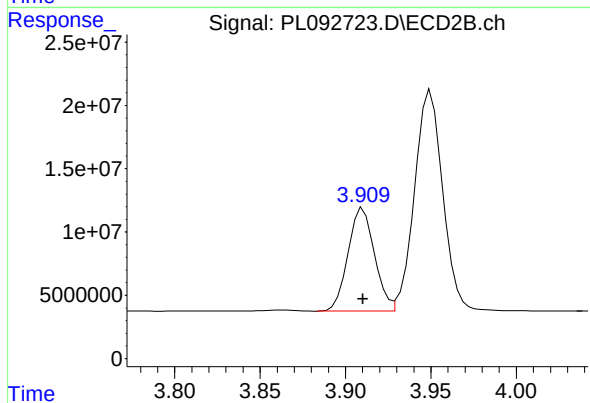
#5 Aldrin

R.T.: 4.230 min  
Delta R.T.: 0.000 min  
Response: 201761437  
Conc: 55.12 ng/ml



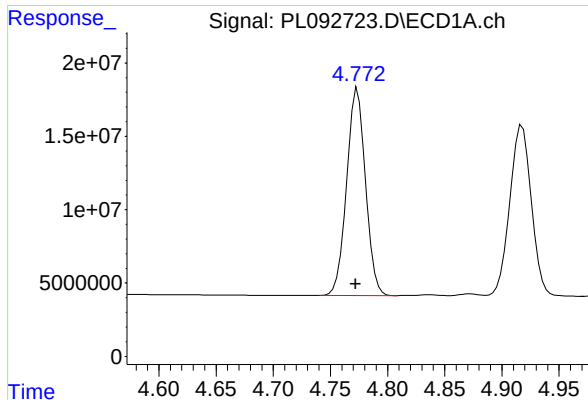
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.002 min  
Response: 74623645  
Conc: 51.63 ng/ml



#6 beta-BHC

R.T.: 3.910 min  
Delta R.T.: 0.000 min  
Response: 87696478  
Conc: 53.27 ng/ml



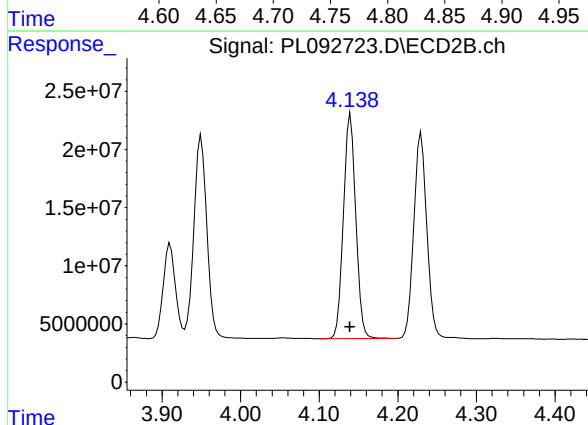
#7 delta-BHC

R.T.: 4.774 min  
Delta R.T.: 0.002 min  
Response: 163063098  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

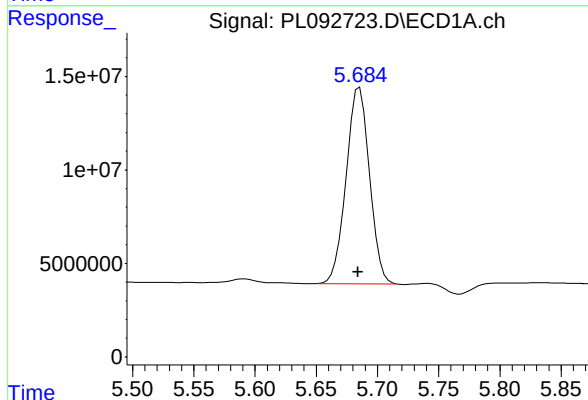
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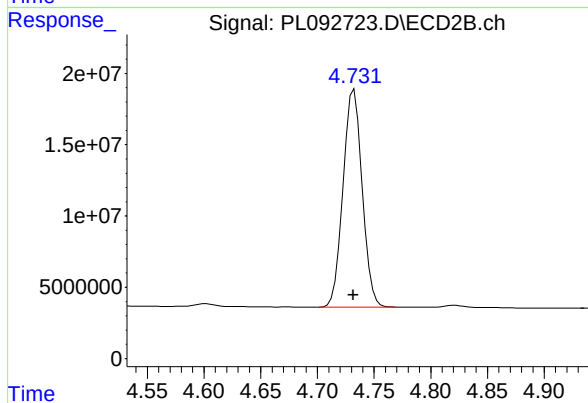
#7 delta-BHC

R.T.: 4.140 min  
Delta R.T.: 0.000 min  
Response: 210562684  
Conc: 54.79 ng/ml



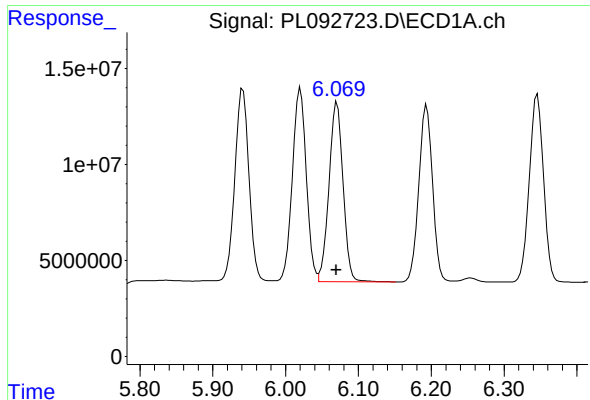
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: 0.000 min  
Response: 139559934  
Conc: 50.54 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.732 min  
Delta R.T.: 0.000 min  
Response: 179030985  
Conc: 53.58 ng/ml



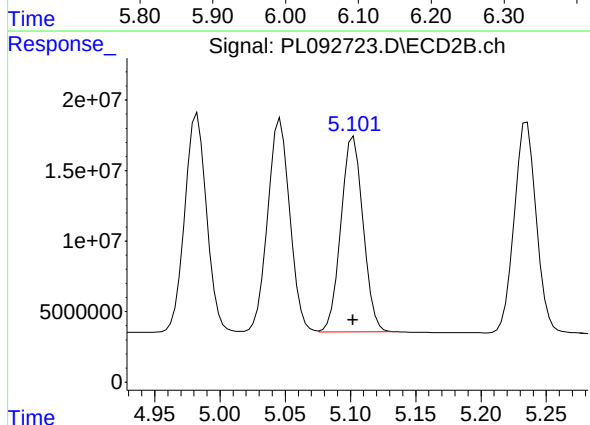
#9 Endosulfan I

R.T.: 6.071 min  
Delta R.T.: 0.000 min  
Response: 125897952  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

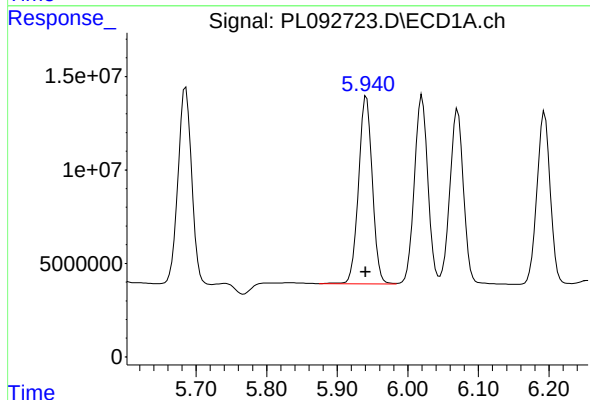
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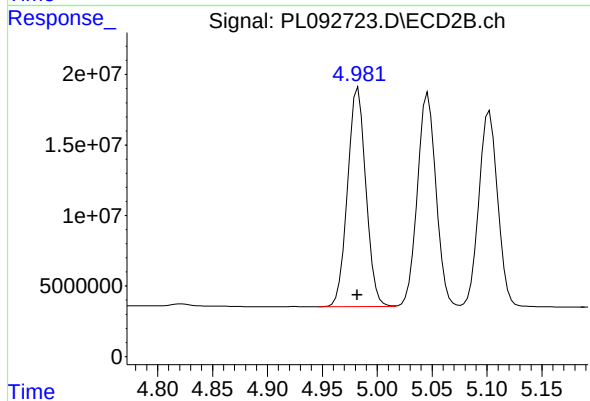
#9 Endosulfan I

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 163634429  
Conc: 53.60 ng/ml



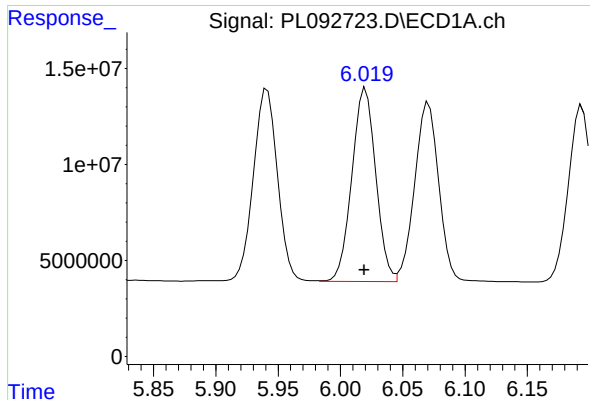
#10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: 0.000 min  
Response: 135814576  
Conc: 51.05 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min  
Delta R.T.: 0.000 min  
Response: 180483462  
Conc: 53.69 ng/ml



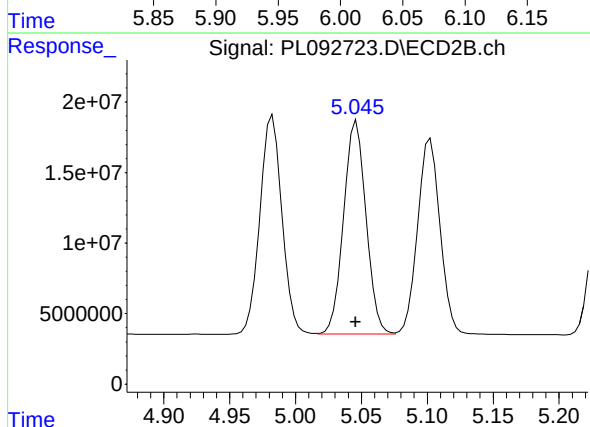
#11 alpha-Chlordane

R.T.: 6.020 min  
Delta R.T.: 0.001 min  
Response: 134230562  
Conc: 50.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

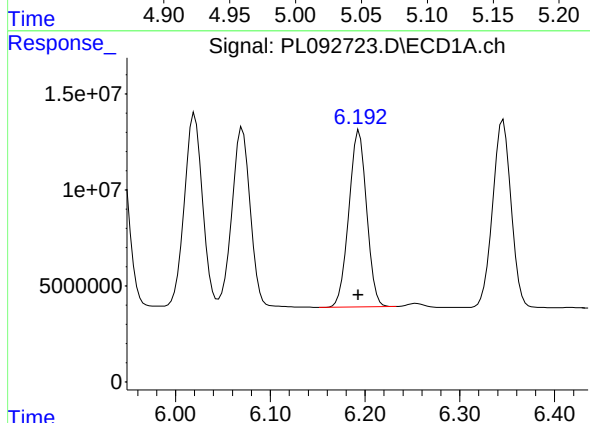
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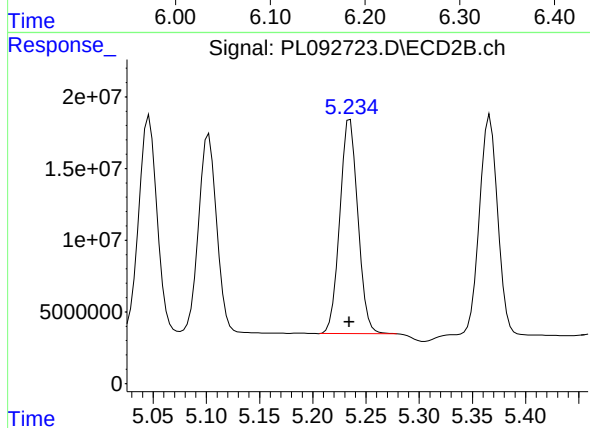
#11 alpha-Chlordane

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 178618983  
Conc: 53.70 ng/ml



#12 4,4'-DDE

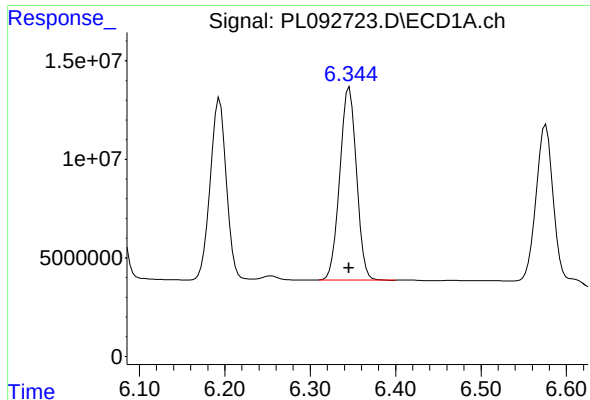
R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 120064894  
Conc: 50.68 ng/ml



#12 4,4'-DDE

R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 176292534  
Conc: 54.72 ng/ml m





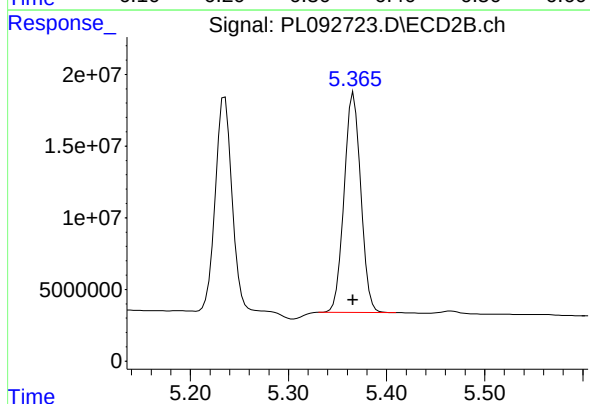
#13 Dieldrin

R.T.: 6.346 min  
Delta R.T.: 0.000 min  
Response: 132344623  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

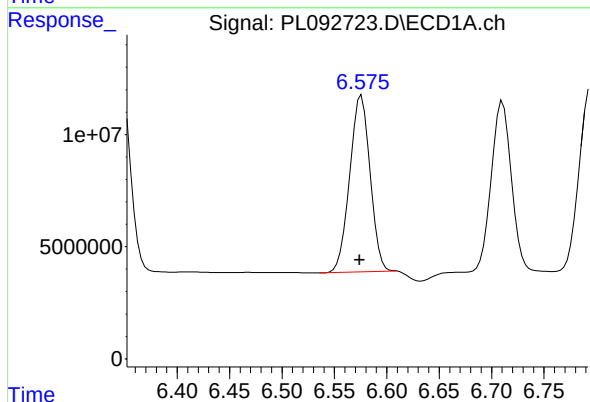
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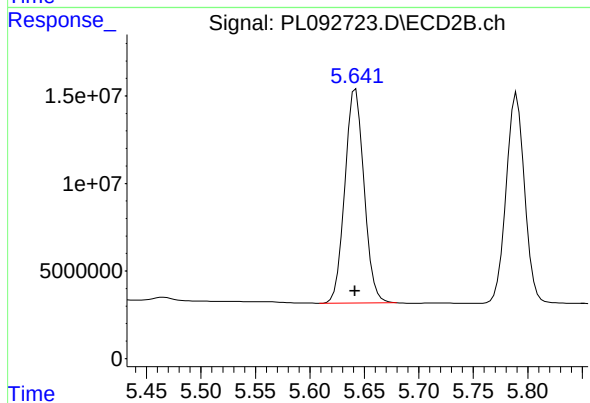
#13 Dieldrin

R.T.: 5.366 min  
Delta R.T.: 0.000 min  
Response: 181358528  
Conc: 54.29 ng/ml



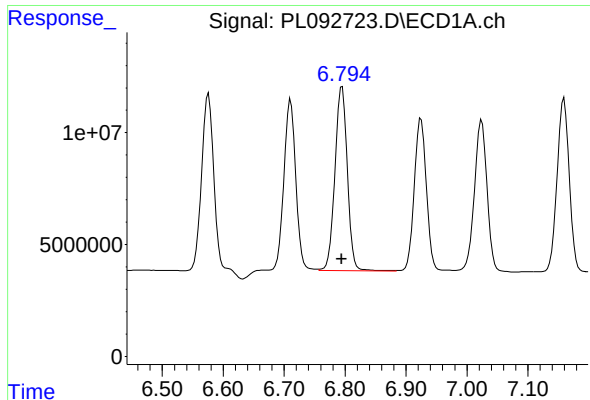
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: 0.002 min  
Response: 107106046  
Conc: 47.05 ng/ml



#14 Endrin

R.T.: 5.642 min  
Delta R.T.: 0.000 min  
Response: 149377057  
Conc: 51.63 ng/ml



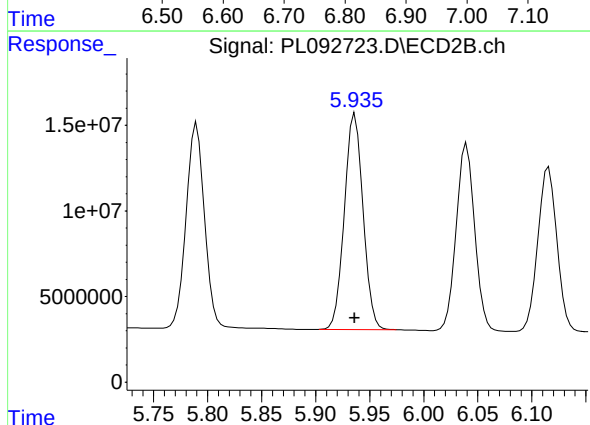
#15 Endosulfan II

R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 116340751  
Conc: 48.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

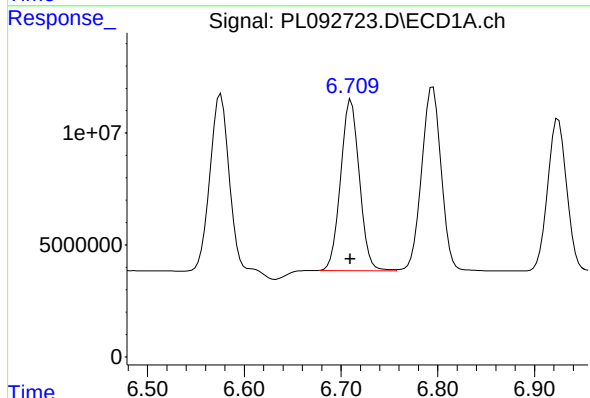
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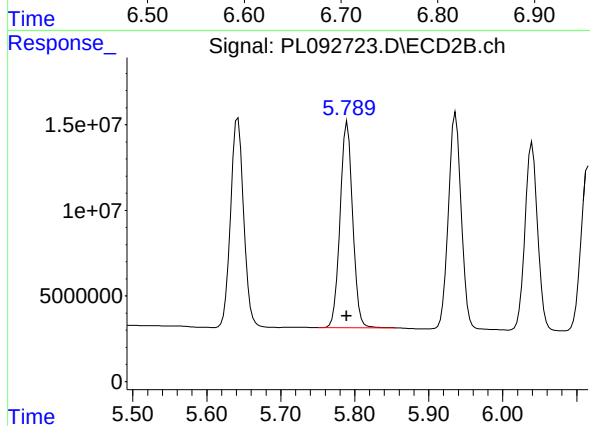
#15 Endosulfan II

R.T.: 5.935 min  
Delta R.T.: -0.001 min  
Response: 151957076  
Conc: 53.63 ng/ml



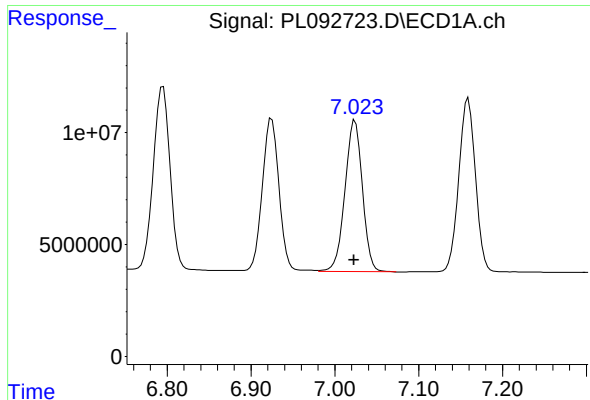
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.001 min  
Response: 102869866  
Conc: 53.59 ng/ml



#16 4,4'-DDD

R.T.: 5.790 min  
Delta R.T.: 0.000 min  
Response: 141624183  
Conc: 56.88 ng/ml



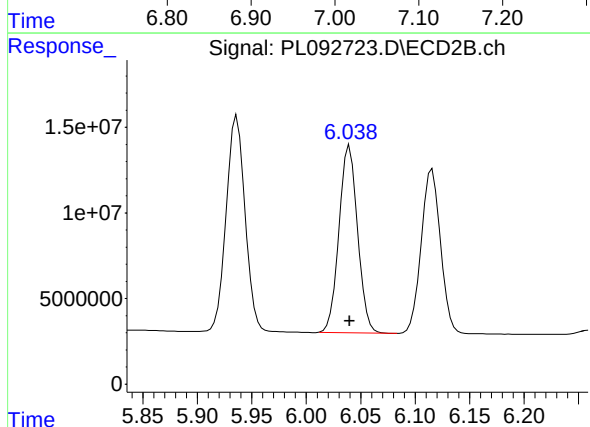
#17 4,4'-DDT

R.T.: 7.024 min  
Delta R.T.: 0.001 min  
Response: 97642269  
Conc: 47.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

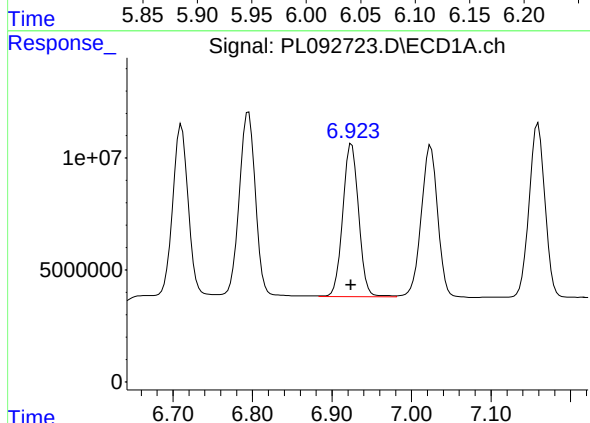
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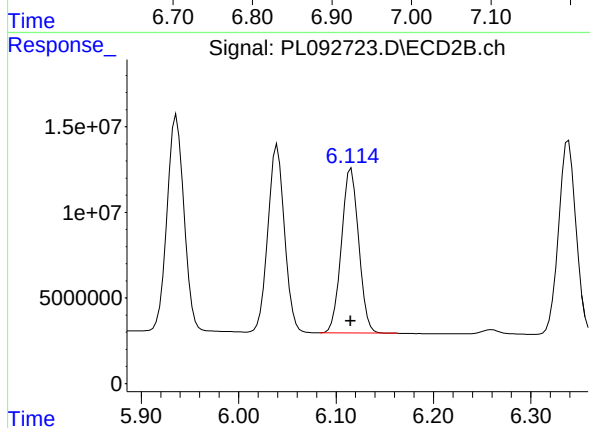
#17 4,4'-DDT

R.T.: 6.040 min  
Delta R.T.: 0.000 min  
Response: 129389878  
Conc: 48.24 ng/ml



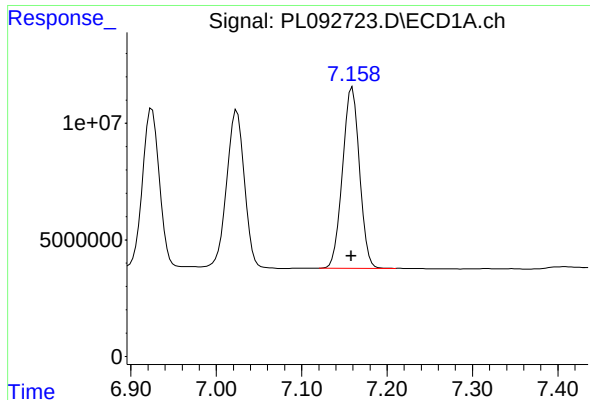
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 94781212  
Conc: 50.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.116 min  
Delta R.T.: 0.000 min  
Response: 118174344  
Conc: 51.22 ng/ml



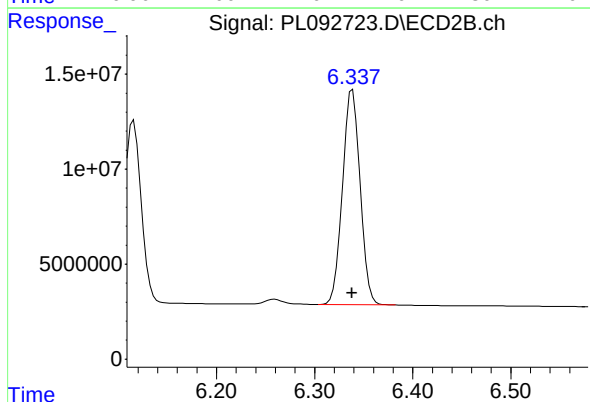
#19 Endosulfan Sulfate

R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 106845285  
Conc: 49.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

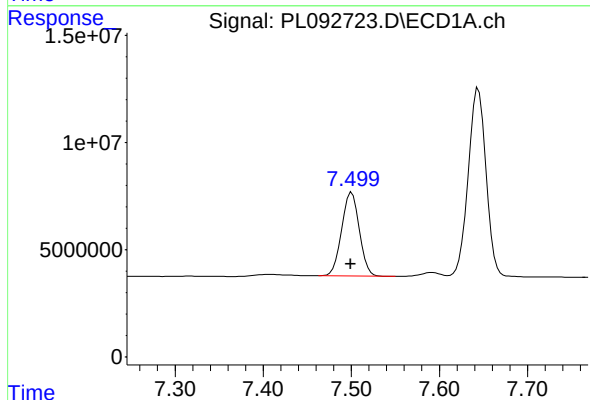
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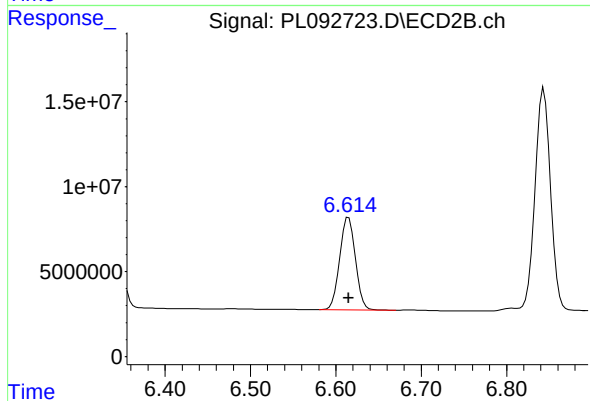
#19 Endosulfan Sulfate

R.T.: 6.339 min  
Delta R.T.: 0.000 min  
Response: 141559671  
Conc: 52.49 ng/ml



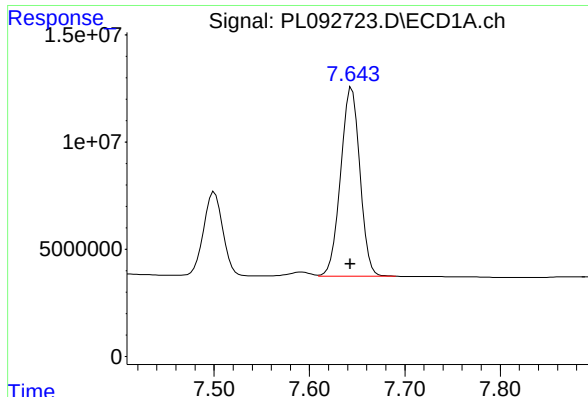
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.001 min  
Response: 54289394  
Conc: 47.62 ng/ml



#20 Methoxychlor

R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 69213998  
Conc: 48.47 ng/ml



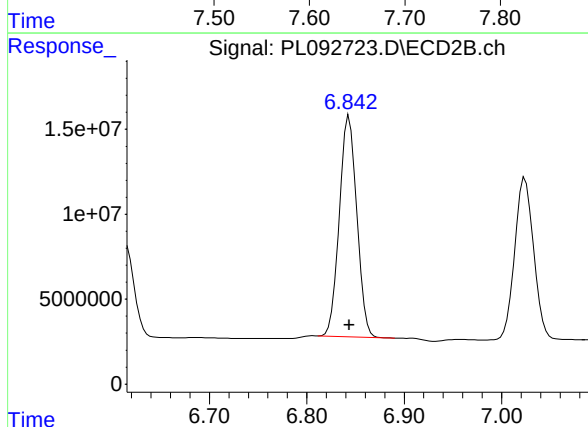
#21 Endrin ketone

R.T.: 7.644 min  
Delta R.T.: 0.001 min  
Response: 123579169  
Conc: 51.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

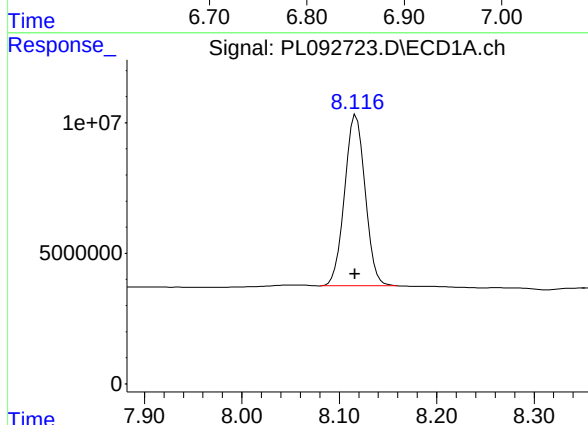
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/30/2024  
Supervised By :Ankita Jodhani 11/04/2024



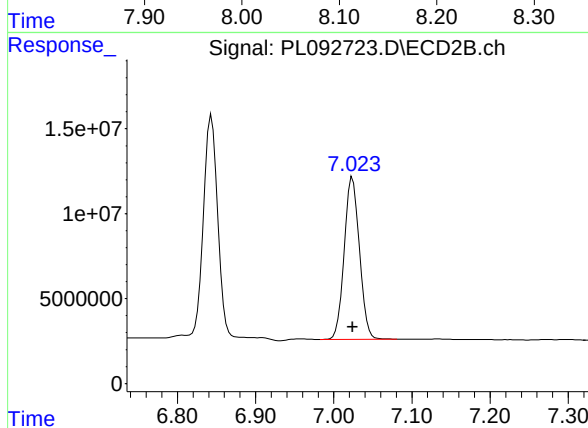
#21 Endrin ketone

R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 161752145  
Conc: 52.71 ng/ml



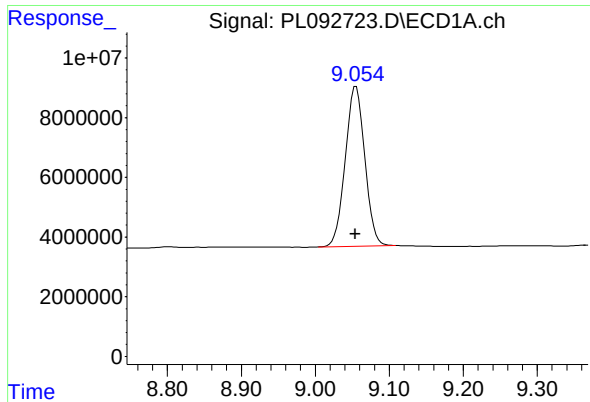
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.001 min  
Response: 95957504  
Conc: 48.42 ng/ml



#22 Mirex

R.T.: 7.024 min  
Delta R.T.: 0.000 min  
Response: 129196232  
Conc: 49.52 ng/ml



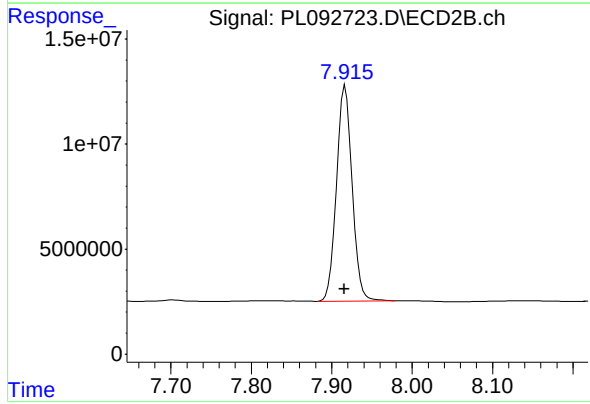
#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: 0.001 min  
Response: 98131342  
Conc: 50.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/30/2024  
Supervised By :Ankita Jodhani 11/04/2024



#28 Decachlorobiphenyl

R.T.: 7.917 min  
Delta R.T.: 0.000 min  
Response: 138991672  
Conc: 50.93 ng/ml