

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121420\  
 Data File : PL063576.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Dec 2020 10:23  
 Operator : DD\AJ  
 Sample : L5022-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WCS-OH-E6MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 15 02:40:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 10 15:57:40 2020  
 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... | 3.410 | 3.950 | 39129273 | 72856381 | 22.994 | 23.246  |
| 28)                         | SA Decachlor... | 8.125 | 8.990 | 41506523 | 56115893 | 20.610 | 22.283  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.841 | 4.337 | 155.0E6  | 300.5E6  | 61.857 | 63.479  |
| 3)                          | MA gamma-BHC... | 4.121 | 4.618 | 138.5E6  | 281.4E6  | 60.770 | 63.112m |
| 4)                          | MA Heptachlor   | 4.418 | 5.125 | 137.1E6  | 255.6E6  | 63.860 | 62.239  |
| 5)                          | MB Aldrin       | 4.662 | 5.428 | 118.3E6  | 248.3E6  | 62.058 | 64.173  |
| 6)                          | B beta-BHC      | 4.371 | 4.792 | 56993186 | 110.5E6  | 58.696 | 55.631  |
| 7)                          | B delta-BHC     | 4.571 | 5.005 | 138.9E6  | 252.3E6  | 63.794 | 62.343m |
| 8)                          | B Heptachlo...  | 5.101 | 5.813 | 115.6E6  | 217.6E6  | 62.123 | 60.091  |
| 9)                          | A Endosulfan I  | 5.436 | 6.169 | 108.7E6  | 209.5E6  | 62.292 | 62.779  |
| 10)                         | B gamma-Chl...  | 5.327 | 6.047 | 117.7E6  | 213.9E6  | 63.253 | 60.271  |
| 11)                         | B alpha-Chl...  | 5.384 | 6.120 | 114.3E6  | 218.6E6  | 61.477 | 61.673  |
| 12)                         | B 4,4'-DDE      | 5.549 | 6.278 | 105.7E6  | 219.0E6  | 62.256 | 62.523  |
| 13)                         | MA Dieldrin     | 5.677 | 6.425 | 114.4E6  | 215.8E6  | 62.830 | 62.812  |
| 14)                         | MA Endrin       | 5.931 | 6.642 | 105.3E6  | 183.3E6  | 62.743 | 62.656  |
| 15)                         | B Endosulfa...  | 6.204 | 6.853 | 101.9E6  | 191.0E6  | 57.577 | 59.957  |
| 16)                         | A 4,4'-DDD      | 6.061 | 6.768 | 93873968 | 182.9E6  | 62.537 | 67.486  |
| 17)                         | MA 4,4'-DDT     | 6.300 | 7.066 | 87263641 | 166.7E6  | 63.592 | 65.201  |
| 18)                         | B Endrin al...  | 6.371 | 6.977 | 81215799 | 147.8E6  | 52.984 | 57.921  |
| 19)                         | B Endosulfa...  | 6.583 | 7.200 | 103.9E6  | 170.0E6  | 60.574 | 61.094  |
| 20)                         | A Methoxychlor  | 6.843 | 7.527 | 53179486 | 82284170 | 59.764 | 59.000  |
| 21)                         | B Endrin ke...  | 7.069 | 7.669 | 120.5E6  | 174.8E6  | 60.370 | 59.943  |
| 22)                         | Mirex           | 7.255 | 8.122 | 94136390 | 122.4E6  | 59.291 | 61.447  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121420\  
Data File : PL063576.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Dec 2020 10:23  
Operator : DD\AJ  
Sample : L5022-01MS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

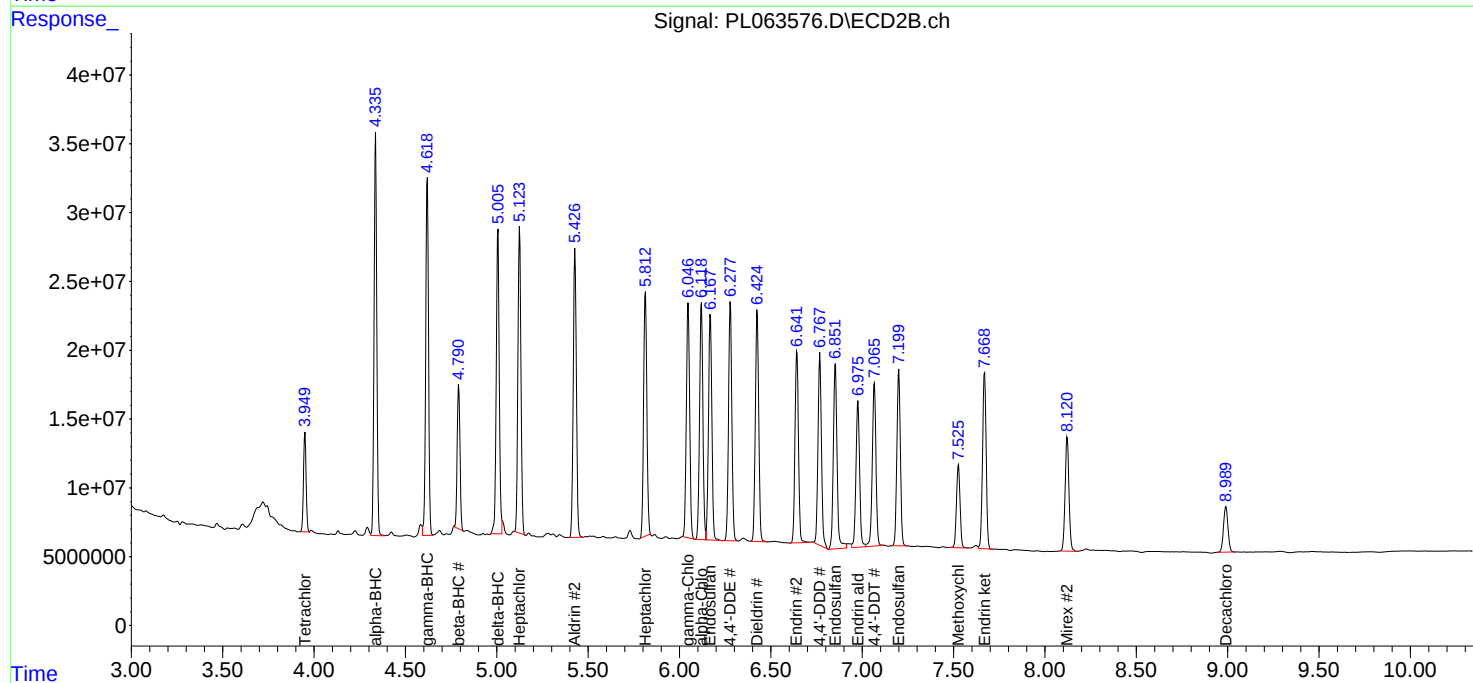
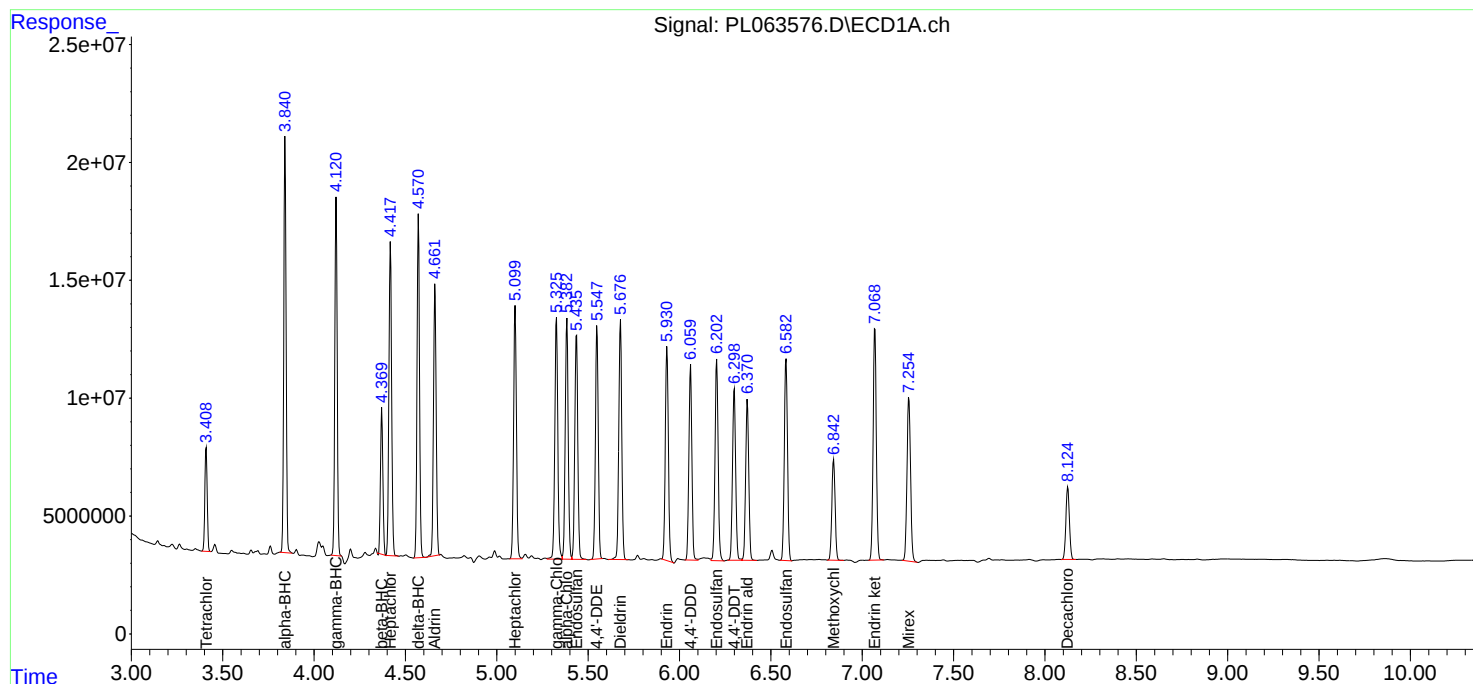
Instrument :  
ECD\_L  
ClientSampled :  
WCS-OH-E6MS

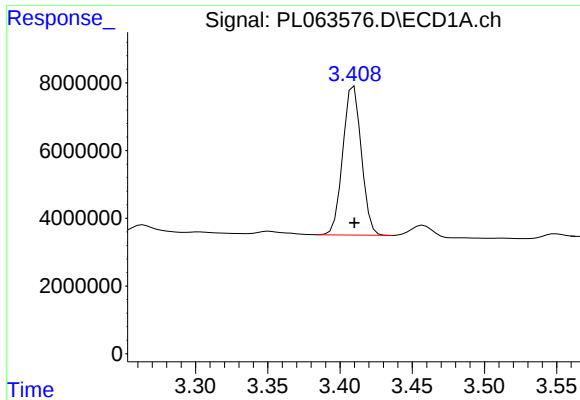
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 15 02:40:44 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 10 15:57:40 2020  
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





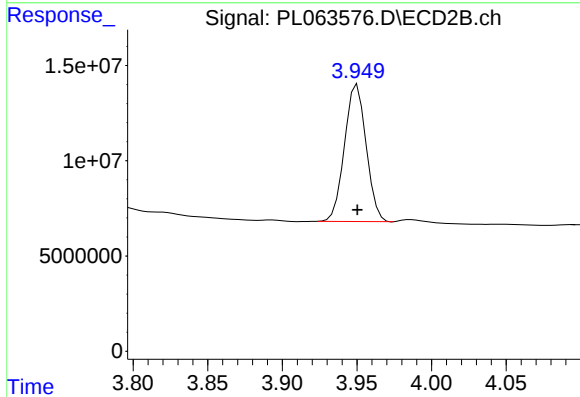
#1 Tetrachloro-m-xylene

R.T.: 3.410 min  
Delta R.T.: 0.000 min  
Response: 39129273  
Conc: 22.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WCS-OH-E6MS

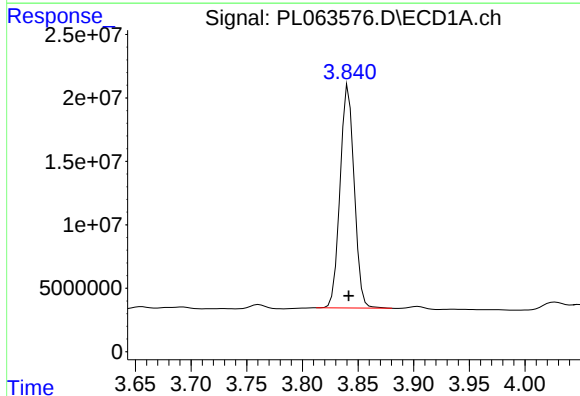
Manual Integrations  
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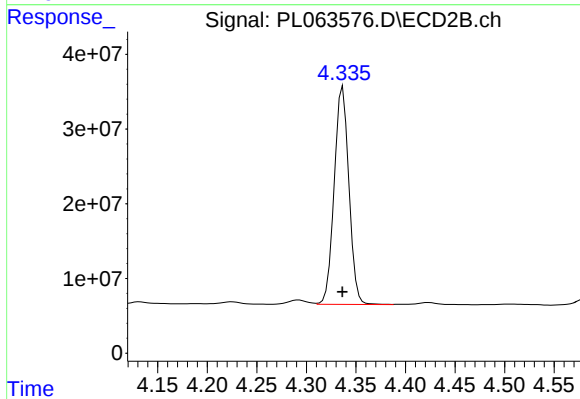
#1 Tetrachloro-m-xylene

R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 72856381  
Conc: 23.25 ng/ml



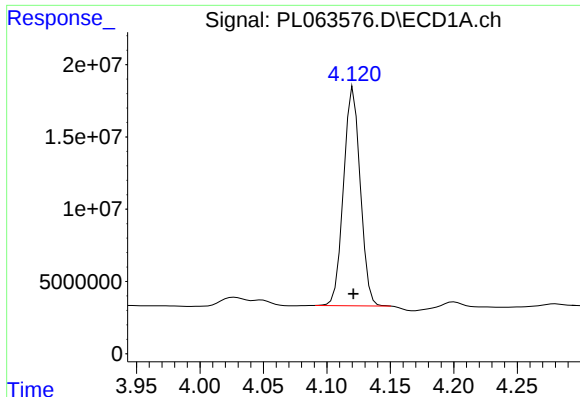
#2 alpha-BHC

R.T.: 3.841 min  
Delta R.T.: 0.000 min  
Response: 155046214  
Conc: 61.86 ng/ml



#2 alpha-BHC

R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 300481753  
Conc: 63.48 ng/ml



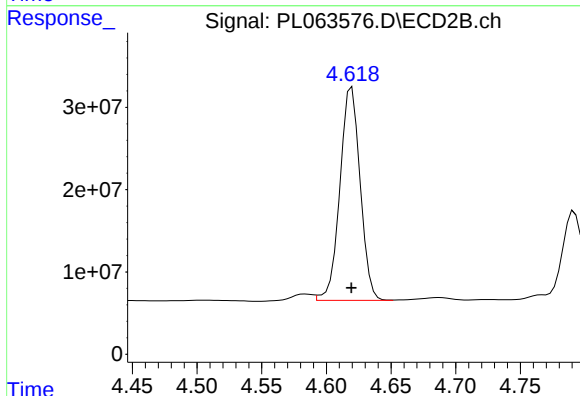
#3 gamma-BHC (Lindane)

R.T.: 4.121 min  
Delta R.T.: 0.000 min  
Response: 138501873  
Conc: 60.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WCS-OH-E6MS

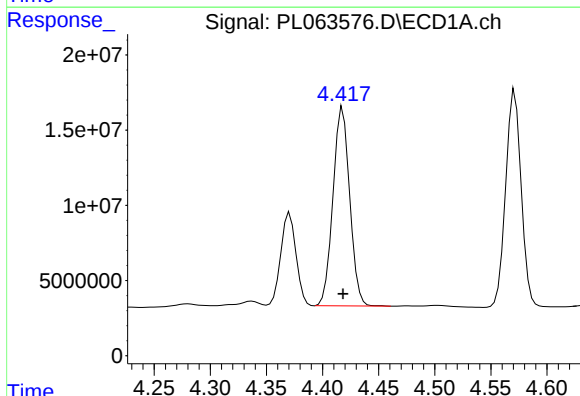
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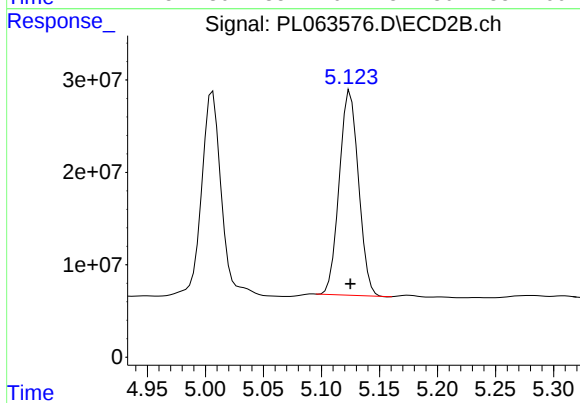
#3 gamma-BHC (Lindane)

R.T.: 4.618 min  
Delta R.T.: -0.001 min  
Response: 281372862  
Conc: 63.11 ng/ml m



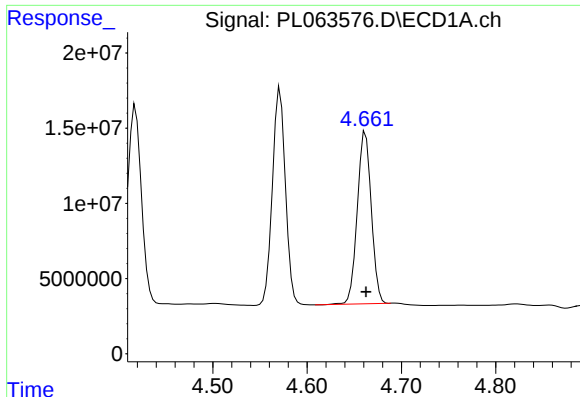
#4 Heptachlor

R.T.: 4.418 min  
Delta R.T.: 0.000 min  
Response: 137096572  
Conc: 63.86 ng/ml



#4 Heptachlor

R.T.: 5.125 min  
Delta R.T.: 0.000 min  
Response: 255563959  
Conc: 62.24 ng/ml



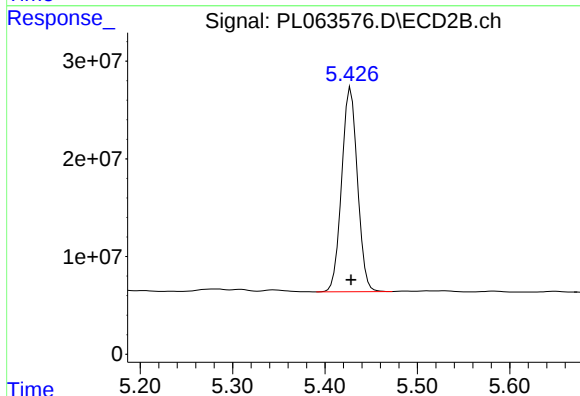
#5 Aldrin

R.T.: 4.662 min  
Delta R.T.: 0.000 min  
Response: 118331471  
Conc: 62.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WCS-OH-E6MS

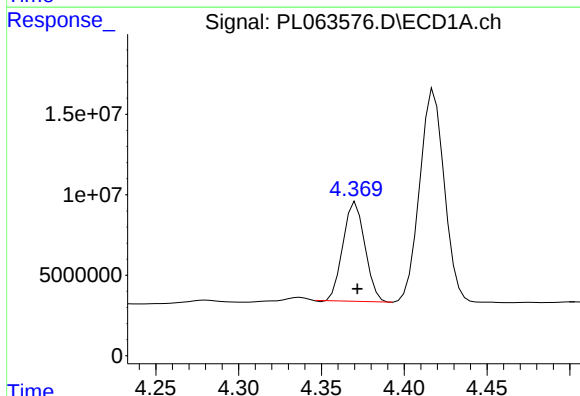
Manual Integrations  
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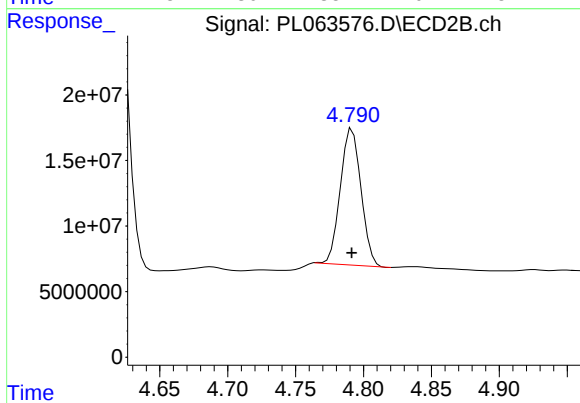
#5 Aldrin

R.T.: 5.428 min  
Delta R.T.: 0.000 min  
Response: 248288408  
Conc: 64.17 ng/ml



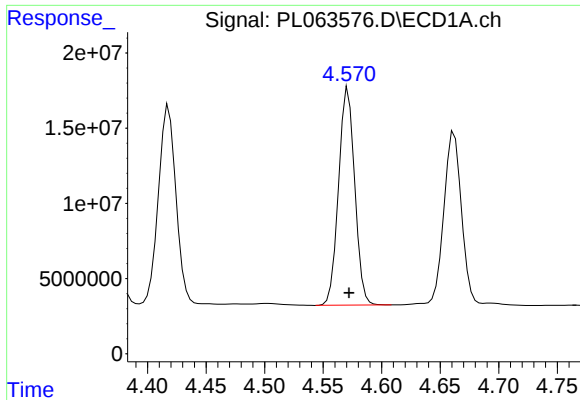
#6 beta-BHC

R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 56993186  
Conc: 58.70 ng/ml



#6 beta-BHC

R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 110510712  
Conc: 55.63 ng/ml



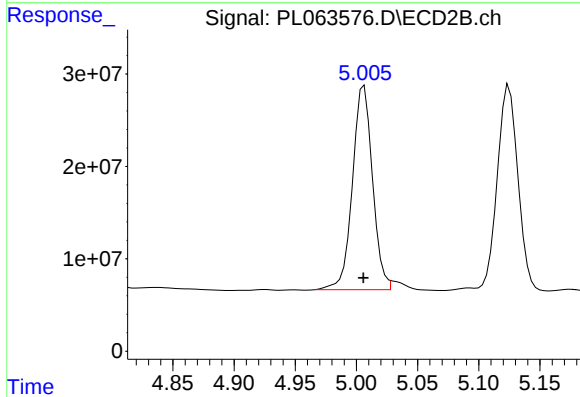
#7 delta-BHC

R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 138879008  
Conc: 63.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WCS-OH-E6MS

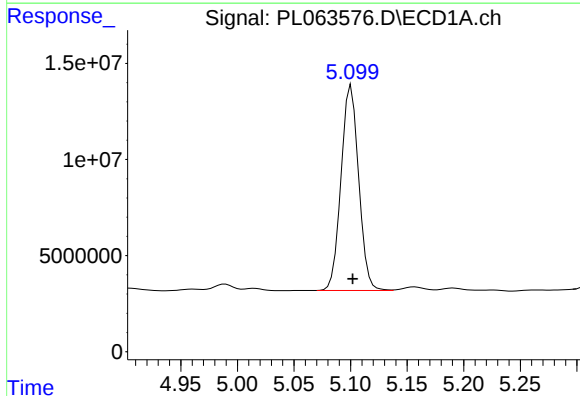
Manual Integrations  
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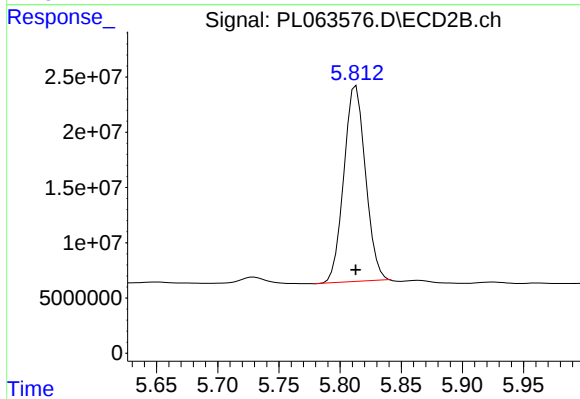
#7 delta-BHC

R.T.: 5.005 min  
Delta R.T.: 0.000 min  
Response: 252323322  
Conc: 62.34 ng/ml m



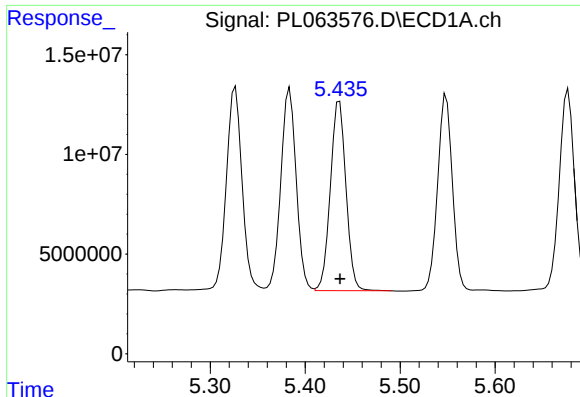
#8 Heptachlor epoxide

R.T.: 5.101 min  
Delta R.T.: -0.001 min  
Response: 115575909  
Conc: 62.12 ng/ml



#8 Heptachlor epoxide

R.T.: 5.813 min  
Delta R.T.: 0.000 min  
Response: 217645317  
Conc: 60.09 ng/ml



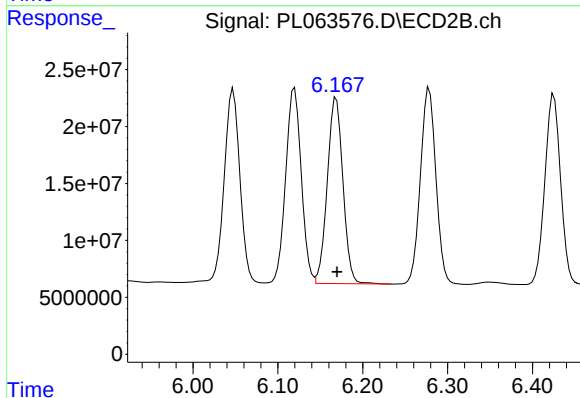
#9 Endosulfan I

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 108721846  
Conc: 62.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WCS-OH-E6MS

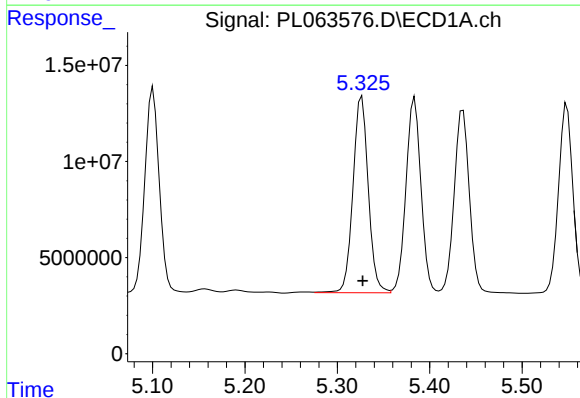
Manual Integrations  
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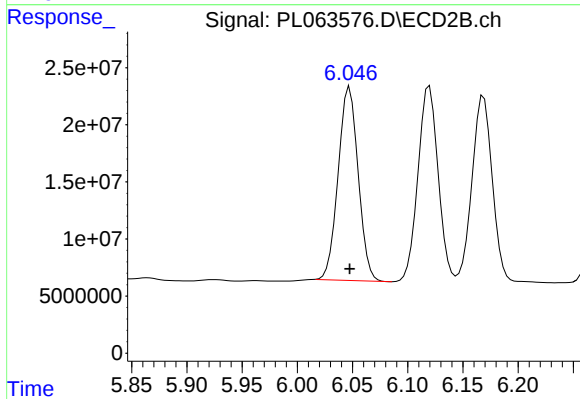
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: -0.001 min  
Response: 209535537  
Conc: 62.78 ng/ml



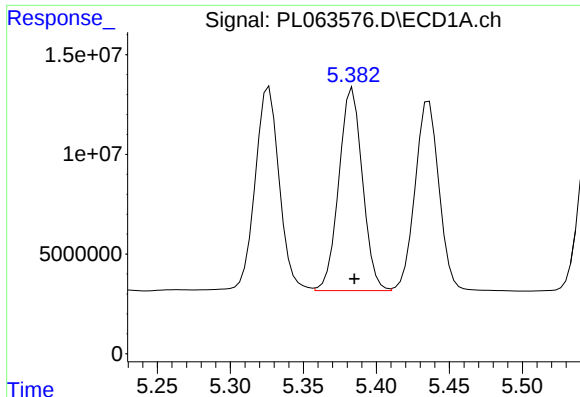
#10 gamma-Chlordane

R.T.: 5.327 min  
Delta R.T.: -0.001 min  
Response: 117651010  
Conc: 63.25 ng/ml



#10 gamma-Chlordane

R.T.: 6.047 min  
Delta R.T.: 0.000 min  
Response: 213910016  
Conc: 60.27 ng/ml



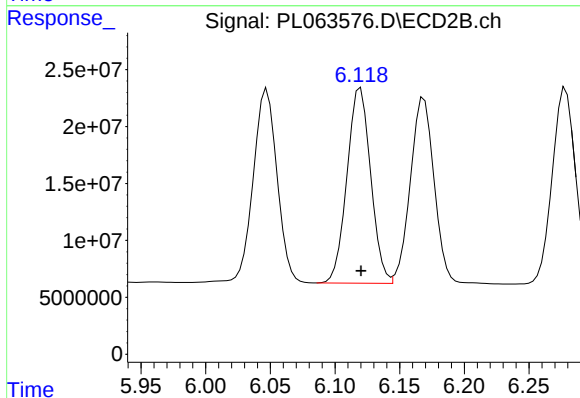
#11 alpha-Chlordane

R.T.: 5.384 min  
Delta R.T.: -0.001 min  
Response: 114296398  
Conc: 61.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WCS-OH-E6MS

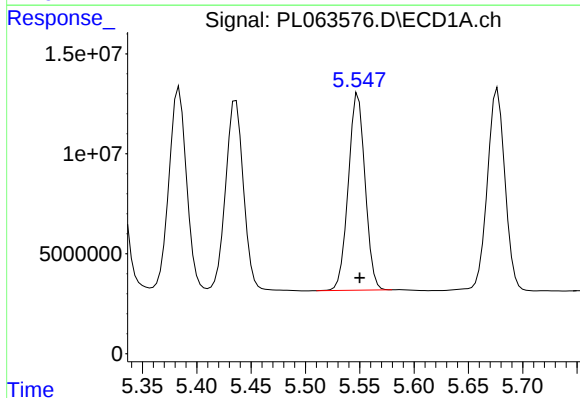
Manual Integrations  
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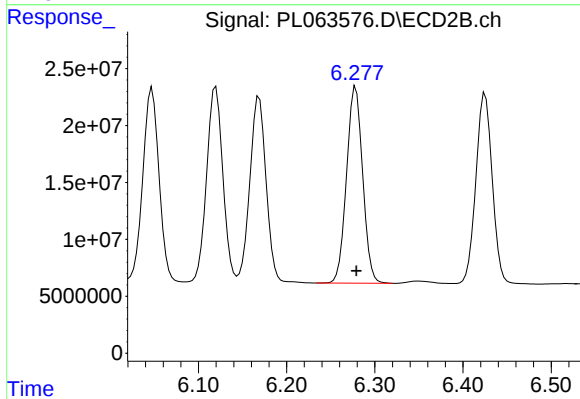
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 218575101  
Conc: 61.67 ng/ml



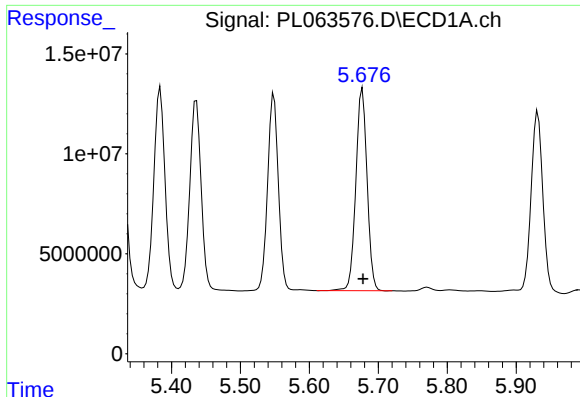
#12 4,4'-DDE

R.T.: 5.549 min  
Delta R.T.: -0.001 min  
Response: 105738660  
Conc: 62.26 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min  
Delta R.T.: 0.000 min  
Response: 218975230  
Conc: 62.52 ng/ml



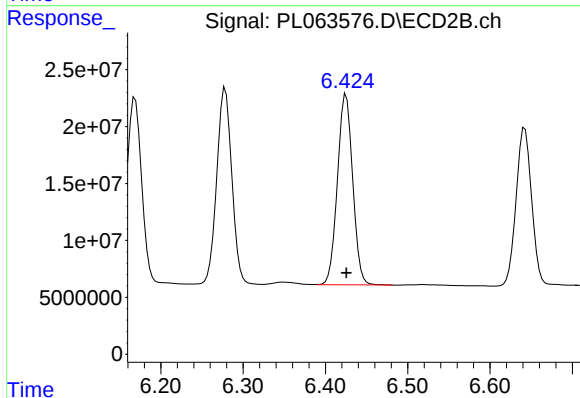
#13 Dieldrin

R.T.: 5.677 min  
Delta R.T.: -0.001 min  
Response: 114382722  
Conc: 62.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WCS-OH-E6MS

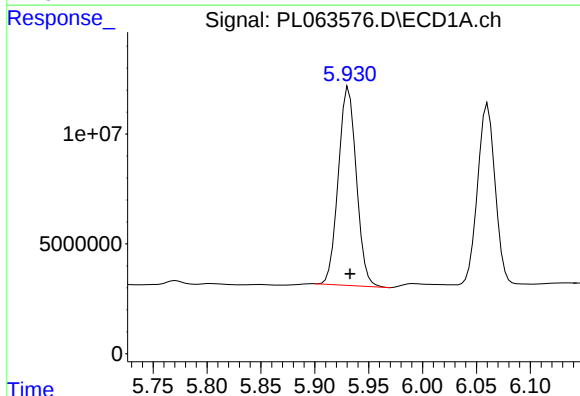
Manual Integrations  
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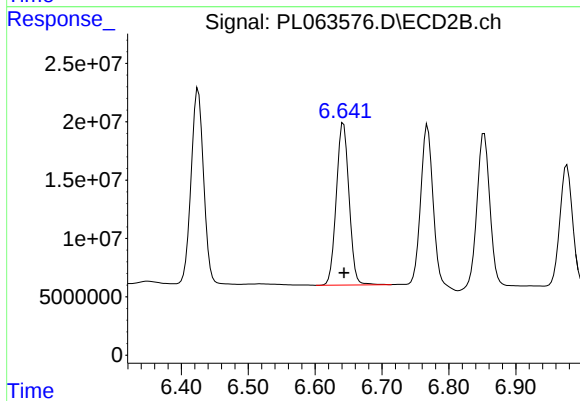
#13 Dieldrin

R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 215792033  
Conc: 62.81 ng/ml



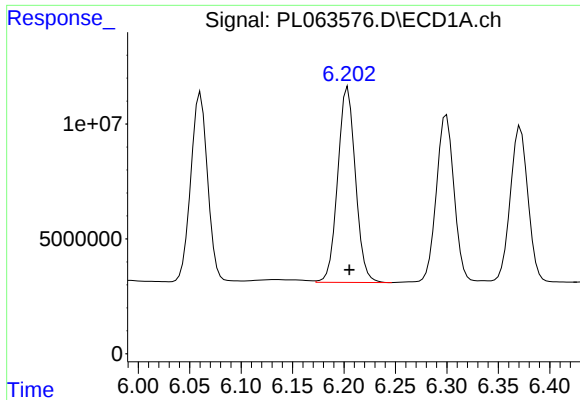
#14 Endrin

R.T.: 5.931 min  
Delta R.T.: -0.001 min  
Response: 105306919  
Conc: 62.74 ng/ml



#14 Endrin

R.T.: 6.642 min  
Delta R.T.: -0.001 min  
Response: 183270504  
Conc: 62.66 ng/ml



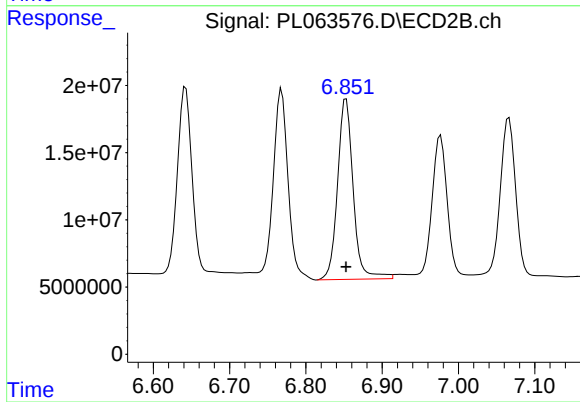
#15 Endosulfan II

R.T.: 6.204 min  
Delta R.T.: -0.002 min  
Response: 101899737  
Conc: 57.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WCS-OH-E6MS

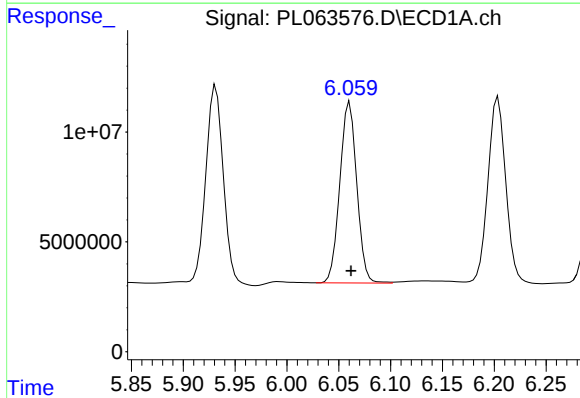
Manual Integrations  
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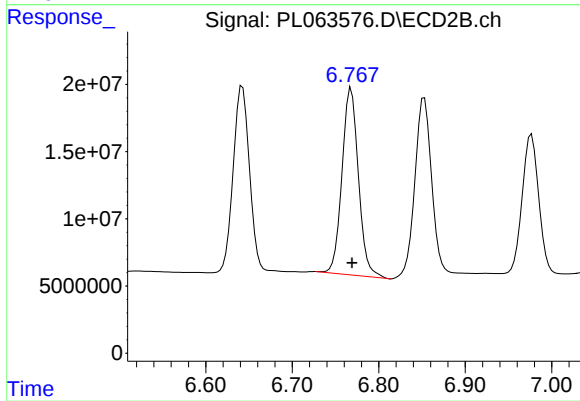
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 190966508  
Conc: 59.96 ng/ml



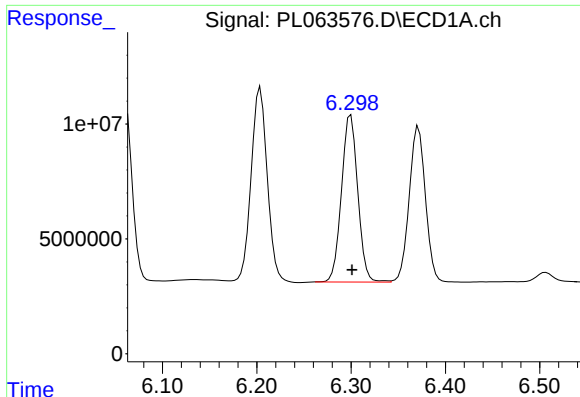
#16 4,4'-DDD

R.T.: 6.061 min  
Delta R.T.: -0.001 min  
Response: 93873968  
Conc: 62.54 ng/ml



#16 4,4'-DDD

R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 182920571  
Conc: 67.49 ng/ml



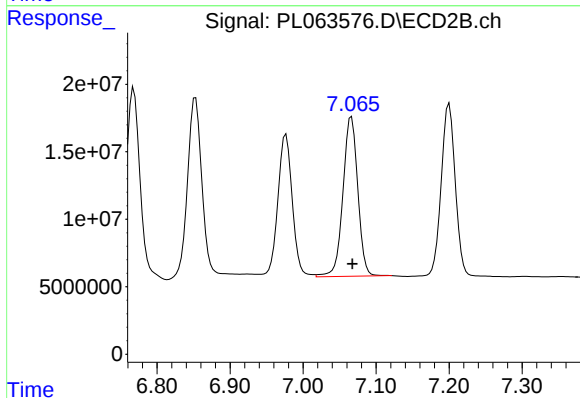
#17 4,4'-DDT

R.T.: 6.300 min  
Delta R.T.: -0.001 min  
Response: 87263641  
Conc: 63.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WCS-OH-E6MS

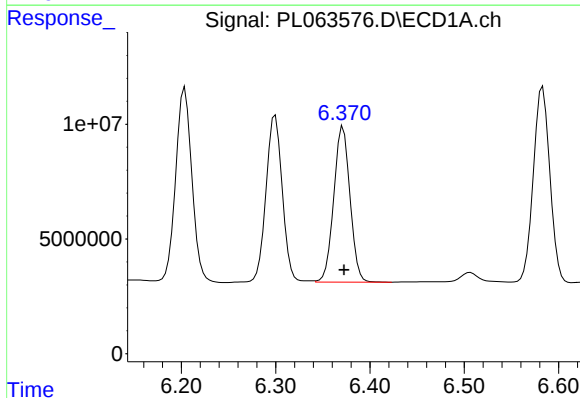
Manual Integrations  
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12/15/2020 3:01:12 PM



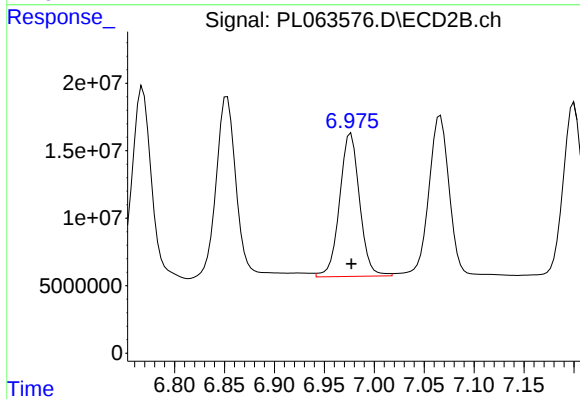
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: -0.001 min  
Response: 166711837  
Conc: 65.20 ng/ml



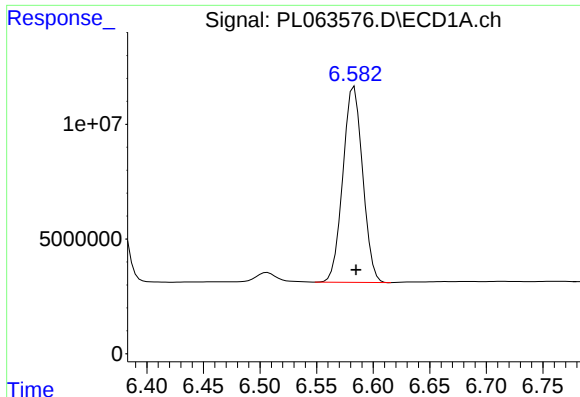
#18 Endrin aldehyde

R.T.: 6.371 min  
Delta R.T.: 0.000 min  
Response: 81215799  
Conc: 52.98 ng/ml



#18 Endrin aldehyde

R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 147805302  
Conc: 57.92 ng/ml



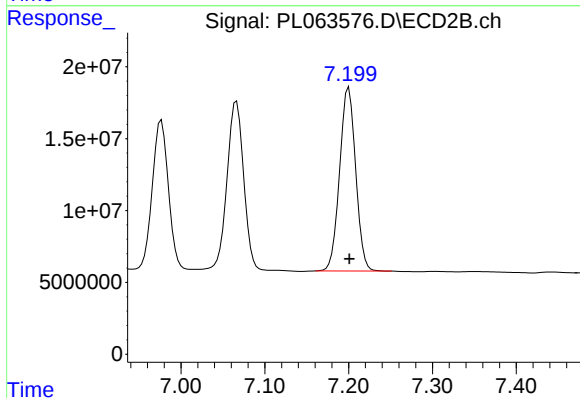
#19 Endosulfan Sulfate

R.T.: 6.583 min  
Delta R.T.: -0.001 min  
Response: 103880168  
Conc: 60.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WCS-OH-E6MS

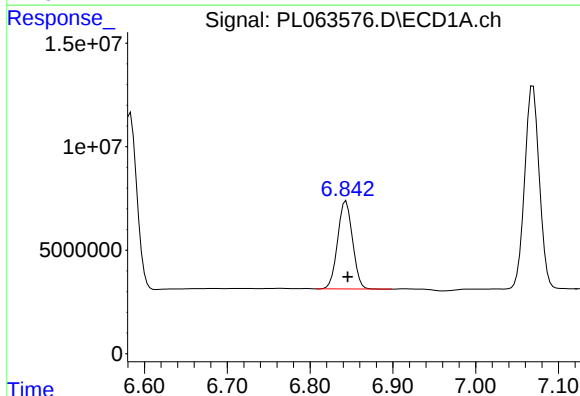
Manual Integrations  
APPROVED

Ankita  
12/15/2020 3:01:12 PM



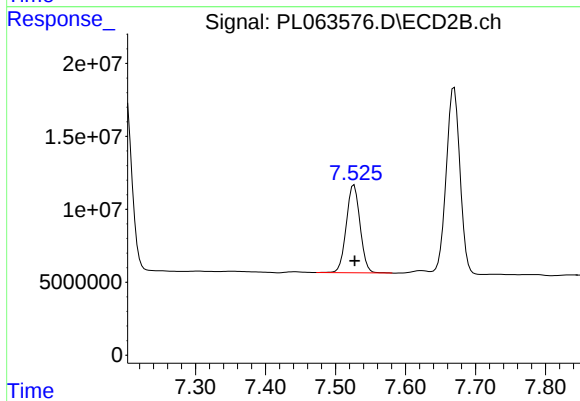
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 169951722  
Conc: 61.09 ng/ml



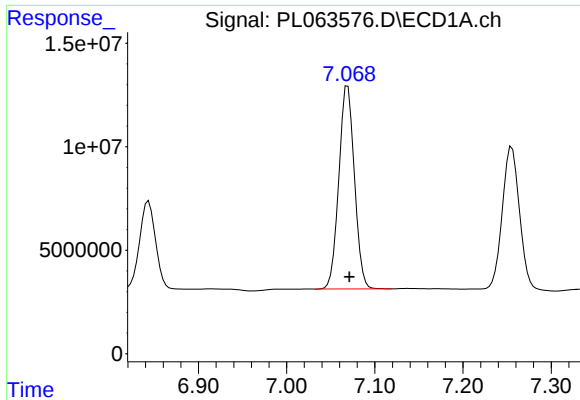
#20 Methoxychlor

R.T.: 6.843 min  
Delta R.T.: -0.002 min  
Response: 53179486  
Conc: 59.76 ng/ml



#20 Methoxychlor

R.T.: 7.527 min  
Delta R.T.: -0.001 min  
Response: 82284170  
Conc: 59.00 ng/ml



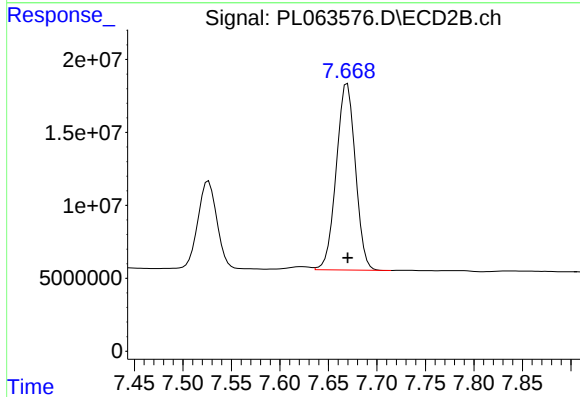
#21 Endrin ketone

R.T.: 7.069 min  
Delta R.T.: -0.002 min  
Response: 120546386  
Conc: 60.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WCS-OH-E6MS

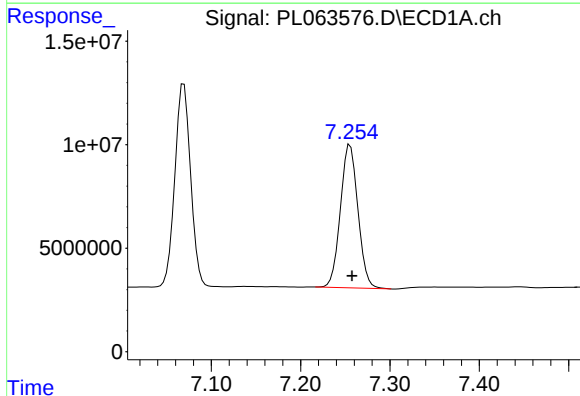
Manual Integrations  
APPROVED

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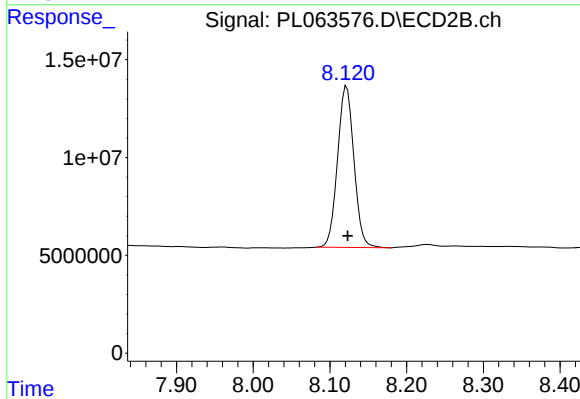
#21 Endrin ketone

R.T.: 7.669 min  
Delta R.T.: 0.000 min  
Response: 174843922  
Conc: 59.94 ng/ml



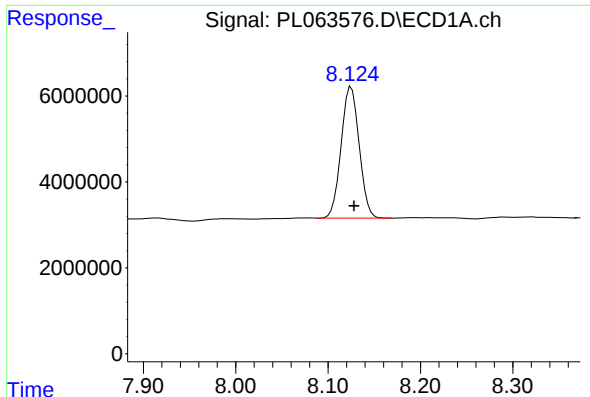
#22 Mirex

R.T.: 7.255 min  
Delta R.T.: -0.002 min  
Response: 94136390  
Conc: 59.29 ng/ml



#22 Mirex

R.T.: 8.122 min  
Delta R.T.: -0.002 min  
Response: 122430613  
Conc: 61.45 ng/ml



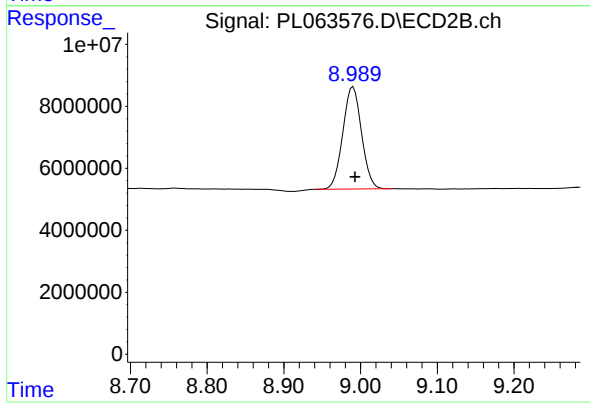
#28 Decachlorobiphenyl

R.T.: 8.125 min  
Delta R.T.: -0.003 min  
Response: 41506523  
Conc: 20.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WCS-OH-E6MS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: -0.003 min  
Response: 56115893  
Conc: 22.28 ng/ml