

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122118\  
 Data File : PL043368.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2018 18:28  
 Operator : AJ\SJ  
 Sample : PB115913BS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB115913BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 21 22:42:49 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|----------|--------|---------|
| -----                       |                 |       |       |         |          |        |         |
| System Monitoring Compounds |                 |       |       |         |          |        |         |
| 1)                          | SA Tetrachlo... | 3.465 | 4.102 | 119.5E6 | 66244709 | 19.481 | 22.351  |
| 28)                         | SA Decachlor... | 8.205 | 9.237 | 116.0E6 | 51697607 | 17.765 | 19.819  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.905 | 4.498 | 477.2E6 | 239.2E6  | 50.481 | 52.869  |
| 3)                          | MA gamma-BHC... | 4.188 | 4.786 | 438.2E6 | 223.7E6  | 50.754 | 53.331  |
| 4)                          | MA Heptachlor   | 4.484 | 5.302 | 439.7E6 | 212.6E6  | 49.555 | 51.904  |
| 5)                          | MB Aldrin       | 4.730 | 5.611 | 431.8E6 | 223.3E6  | 50.932 | 54.694  |
| 6)                          | B beta-BHC      | 4.443 | 4.956 | 181.7E6 | 93772288 | 49.269 | 55.390  |
| 7)                          | B delta-BHC     | 4.644 | 5.177 | 364.4E6 | 192.2E6  | 44.994 | 44.715  |
| 8)                          | B Heptachlor... | 5.173 | 6.000 | 397.1E6 | 200.9E6  | 50.091 | 52.968  |
| 9)                          | A Endosulfan I  | 5.510 | 6.360 | 365.2E6 | 182.4E6  | 49.845 | 53.716  |
| 10)                         | B gamma-Chl...  | 5.399 | 6.235 | 399.9E6 | 201.2E6  | 49.599 | 54.771  |
| 11)                         | B alpha-Chl...  | 5.456 | 6.308 | 389.9E6 | 194.2E6  | 49.117 | 53.991  |
| 12)                         | B 4,4'-DDE      | 5.622 | 6.463 | 358.3E6 | 198.0E6  | 51.761 | 54.652  |
| 13)                         | MA Dieldrin     | 5.753 | 6.619 | 390.0E6 | 197.2E6  | 50.160 | 54.377  |
| 14)                         | MA Endrin       | 6.010 | 6.838 | 315.1E6 | 149.4E6  | 43.759 | 47.865  |
| 15)                         | B Endosulfa...  | 6.285 | 7.047 | 319.7E6 | 162.0E6  | 48.061 | 53.507  |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.955 | 300.5E6 | 158.5E6  | 52.994 | 54.064  |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.256 | 249.0E6 | 134.9E6  | 41.862 | 45.936  |
| 18)                         | B Endrin al...  | 6.453 | 7.170 | 263.2E6 | 136.6E6  | 47.756 | 54.447m |
| 19)                         | B Endosulfa...  | 6.666 | 7.395 | 312.4E6 | 152.7E6  | 46.632 | 50.784  |
| 20)                         | A Methoxychlor  | 6.923 | 7.713 | 140.9E6 | 65389098 | 42.006 | 43.352  |
| 21)                         | B Endrin ke...  | 7.156 | 7.869 | 365.7E6 | 167.2E6  | 50.582 | 54.707m |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122118\  
Data File : PL043368.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2018 18:28  
Operator : AJ\SJ  
Sample : PB115913BS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

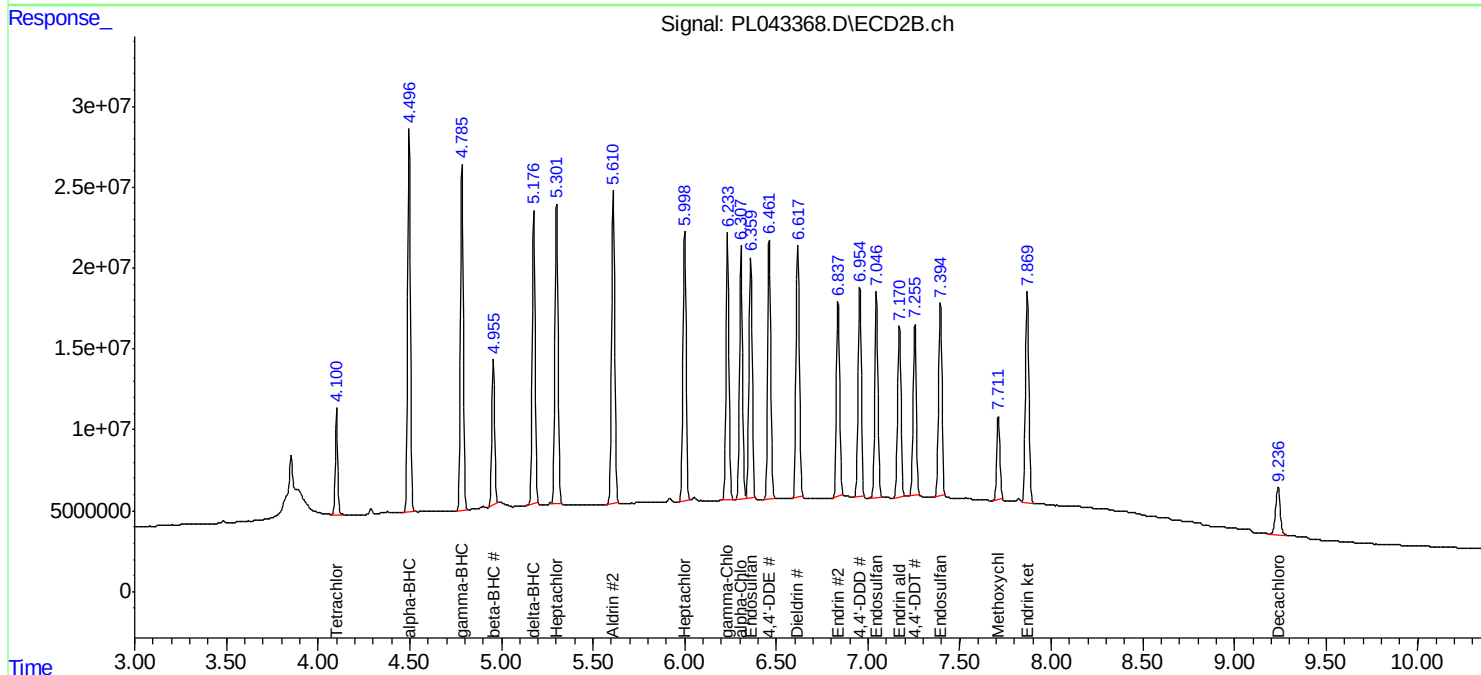
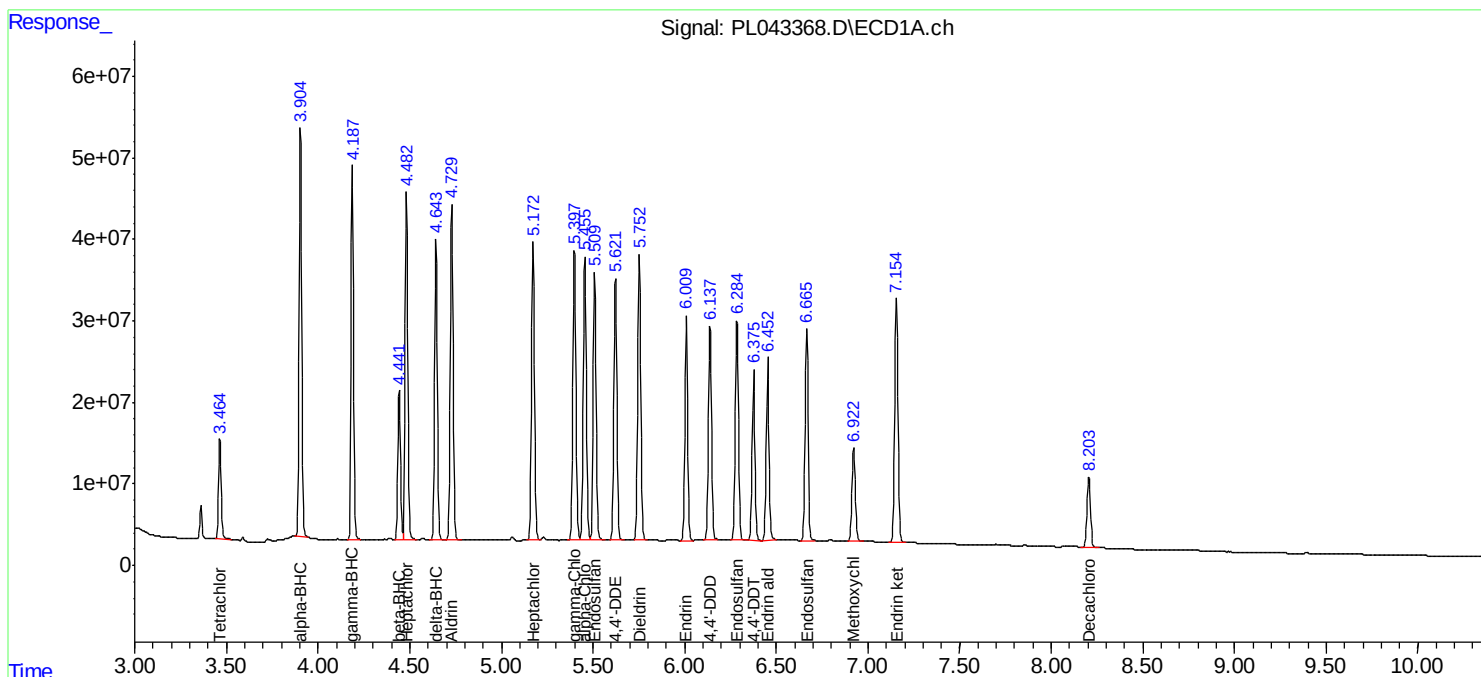
Instrument :  
ECD\_L  
ClientSampleId :  
PB115913BS

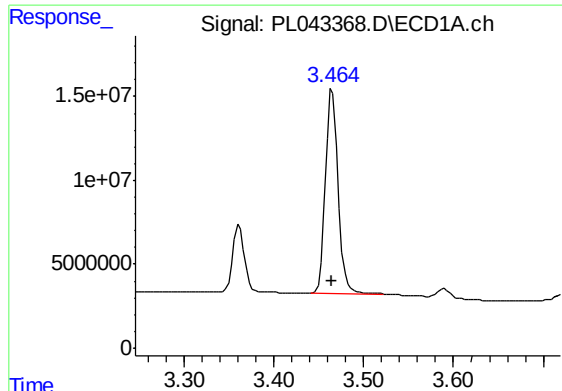
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 21 22:42:49 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
Response via : Initial Calibration  
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Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





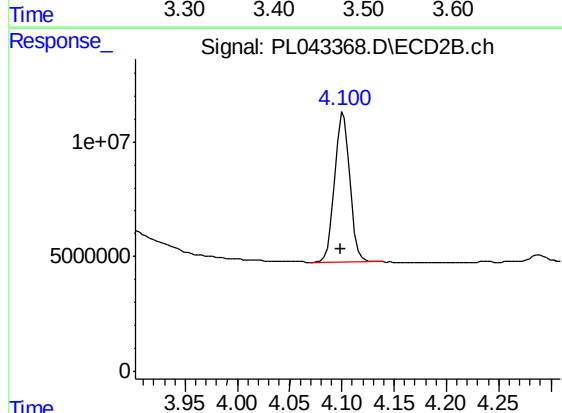
#1 Tetrachloro-m-xylene

R.T.: 3.465 min  
Delta R.T.: 0.001 min  
Response: 119474761  
Conc: 19.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115913BS

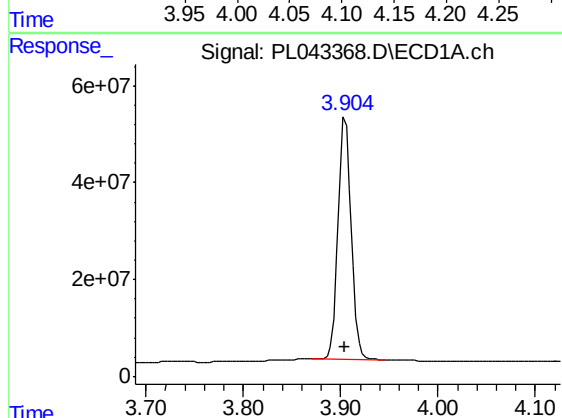
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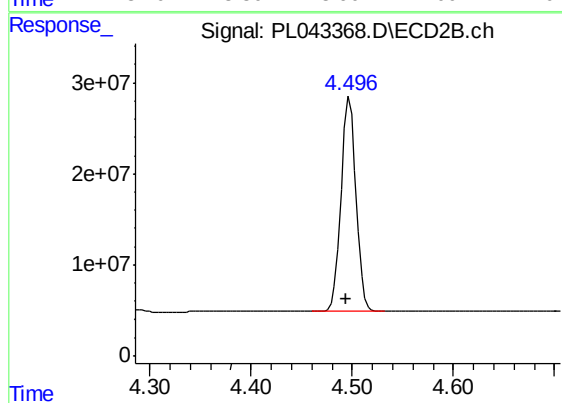
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.003 min  
Response: 66244709  
Conc: 22.35 ng/ml



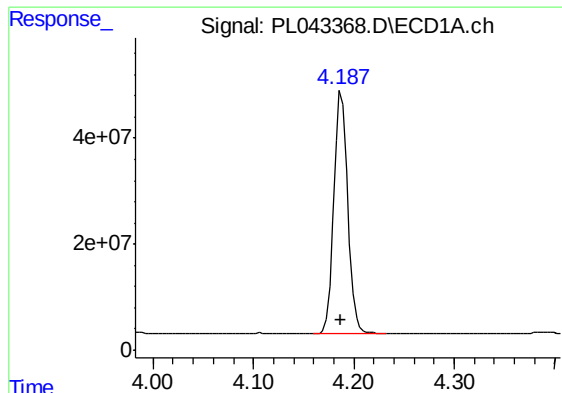
#2 alpha-BHC

R.T.: 3.905 min  
Delta R.T.: 0.000 min  
Response: 477212057  
Conc: 50.48 ng/ml



#2 alpha-BHC

R.T.: 4.498 min  
Delta R.T.: 0.003 min  
Response: 239151537  
Conc: 52.87 ng/ml



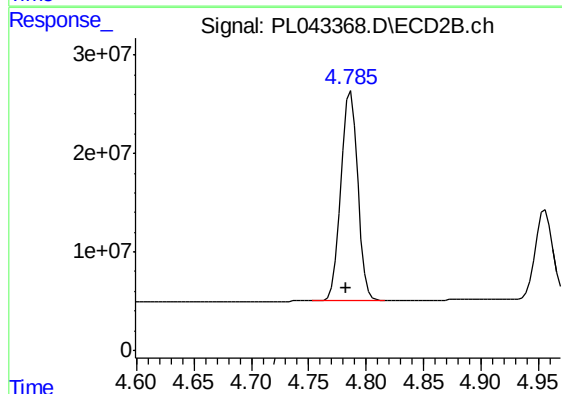
#3 gamma-BHC (Lindane)

R.T.: 4.188 min  
Delta R.T.: 0.001 min  
Response: 438238274  
Conc: 50.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115913BS

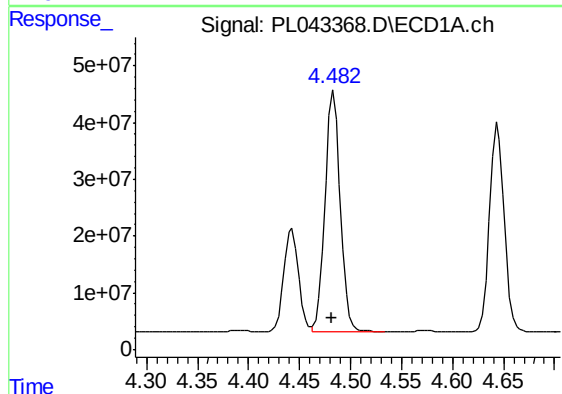
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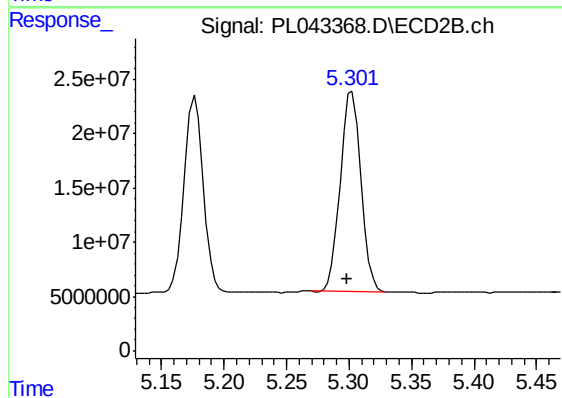
#3 gamma-BHC (Lindane)

R.T.: 4.786 min  
Delta R.T.: 0.003 min  
Response: 223680705  
Conc: 53.33 ng/ml



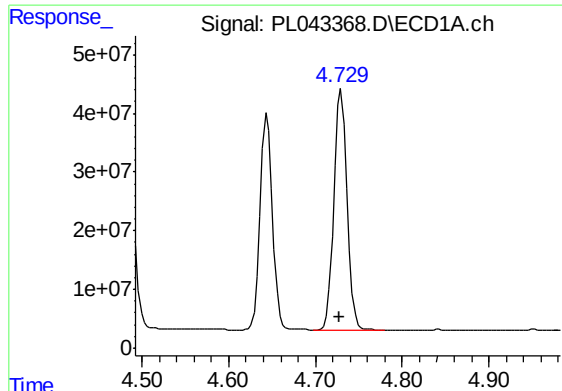
#4 Heptachlor

R.T.: 4.484 min  
Delta R.T.: 0.001 min  
Response: 439685531  
Conc: 49.56 ng/ml



#4 Heptachlor

R.T.: 5.302 min  
Delta R.T.: 0.004 min  
Response: 212617345  
Conc: 51.90 ng/ml



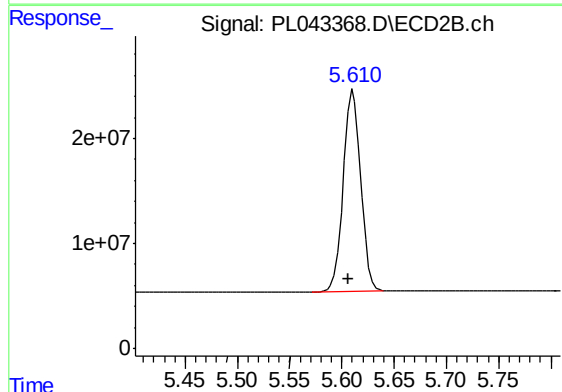
#5 Aldrin

R.T.: 4.730 min  
Delta R.T.: 0.002 min  
Response: 431832233  
Conc: 50.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115913BS

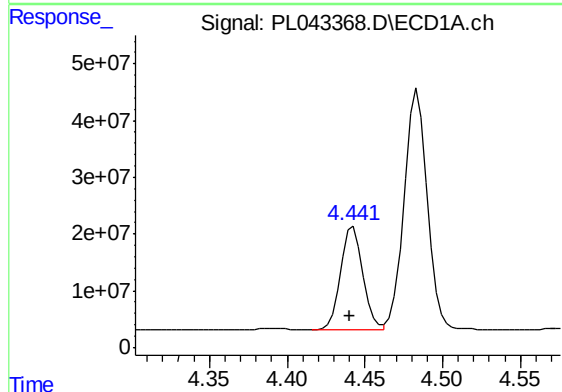
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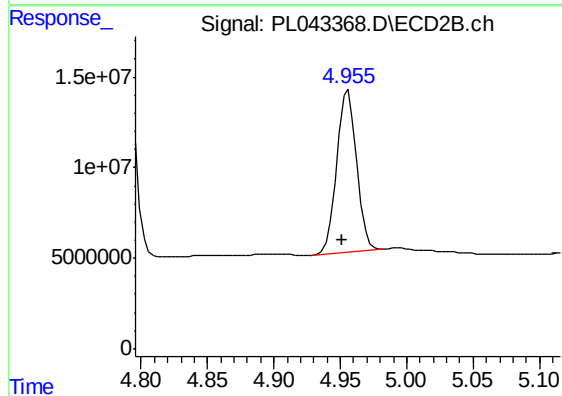
#5 Aldrin

R.T.: 5.611 min  
Delta R.T.: 0.004 min  
Response: 223260633  
Conc: 54.69 ng/ml



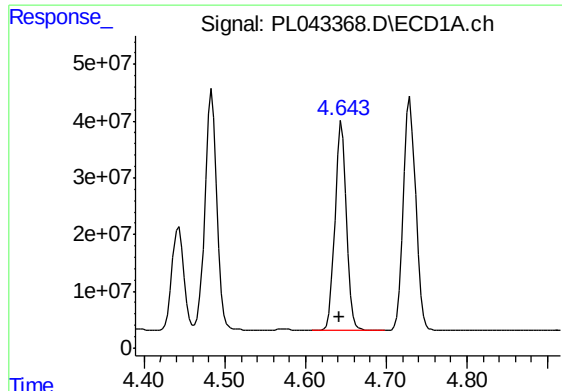
#6 beta-BHC

R.T.: 4.443 min  
Delta R.T.: 0.002 min  
Response: 181727222  
Conc: 49.27 ng/ml



#6 beta-BHC

R.T.: 4.956 min  
Delta R.T.: 0.004 min  
Response: 93772288  
Conc: 55.39 ng/ml



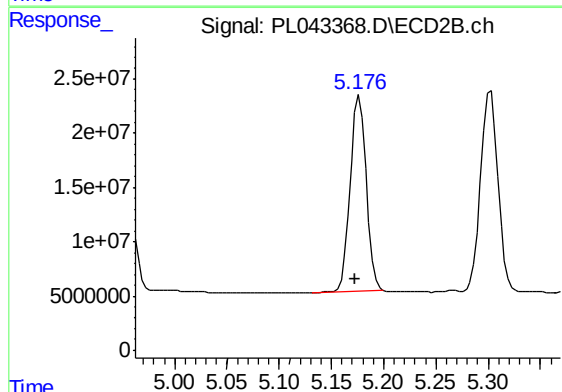
#7 delta-BHC

R.T.: 4.644 min  
Delta R.T.: 0.002 min  
Response: 364374265  
Conc: 44.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115913BS

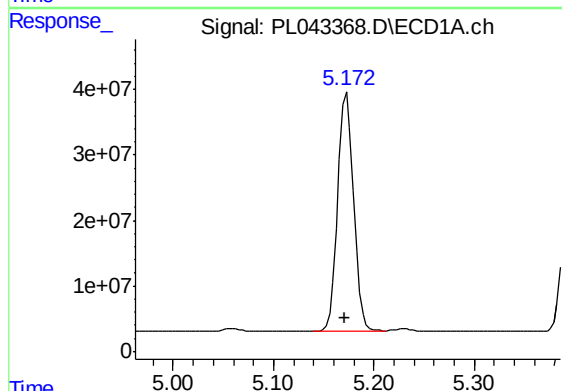
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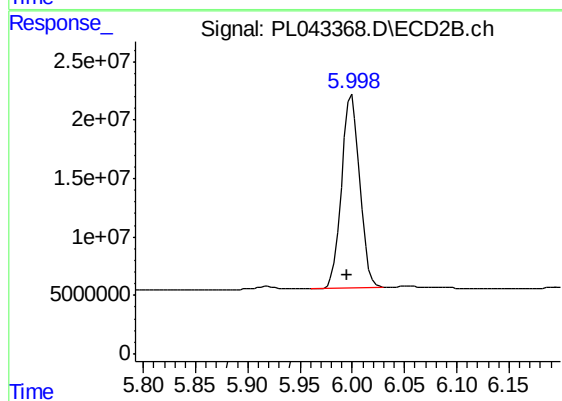
#7 delta-BHC

R.T.: 5.177 min  
Delta R.T.: 0.004 min  
Response: 192163396  
Conc: 44.71 ng/ml



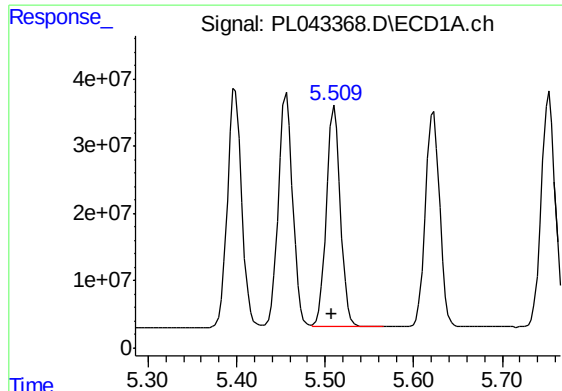
#8 Heptachlor epoxide

R.T.: 5.173 min  
Delta R.T.: 0.002 min  
Response: 397066908  
Conc: 50.09 ng/ml



#8 Heptachlor epoxide

R.T.: 6.000 min  
Delta R.T.: 0.005 min  
Response: 200852909  
Conc: 52.97 ng/ml



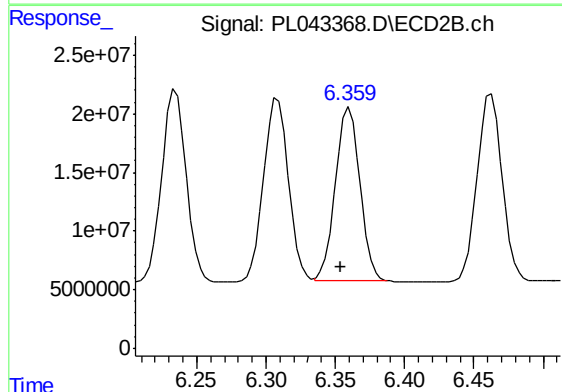
#9 Endosulfan I

R.T.: 5.510 min  
Delta R.T.: 0.002 min  
Response: 365153877  
Conc: 49.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115913BS

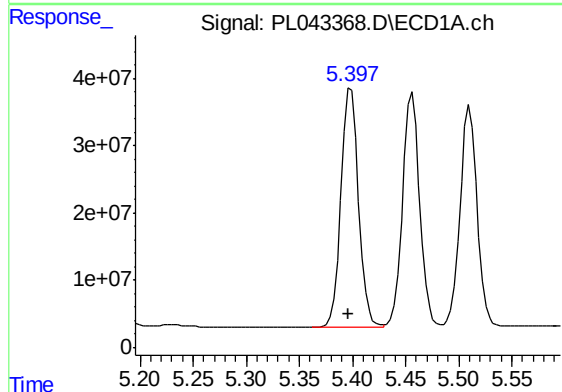
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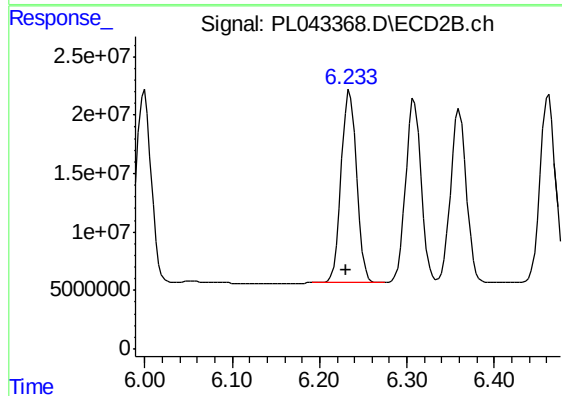
#9 Endosulfan I

R.T.: 6.360 min  
Delta R.T.: 0.006 min  
Response: 182383511  
Conc: 53.72 ng/ml



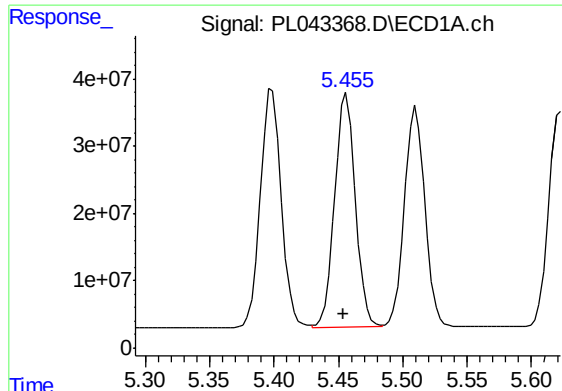
#10 gamma-Chlordane

R.T.: 5.399 min  
Delta R.T.: 0.002 min  
Response: 399856308  
Conc: 49.60 ng/ml



#10 gamma-Chlordane

R.T.: 6.235 min  
Delta R.T.: 0.005 min  
Response: 201205731  
Conc: 54.77 ng/ml



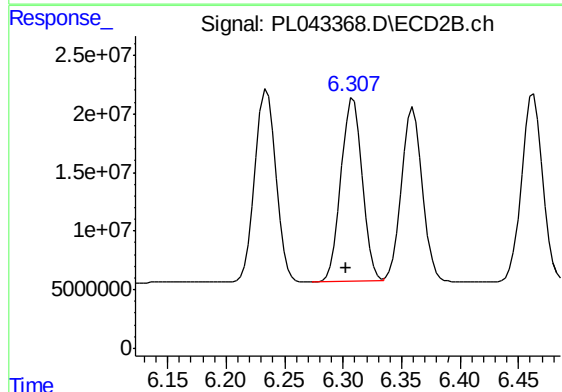
#11 alpha-Chlordane

R.T.: 5.456 min  
Delta R.T.: 0.002 min  
Response: 389946197  
Conc: 49.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115913BS

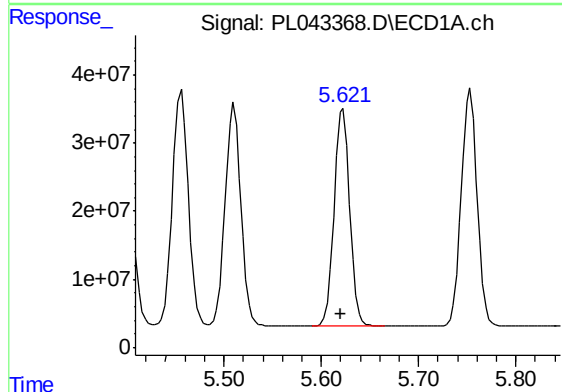
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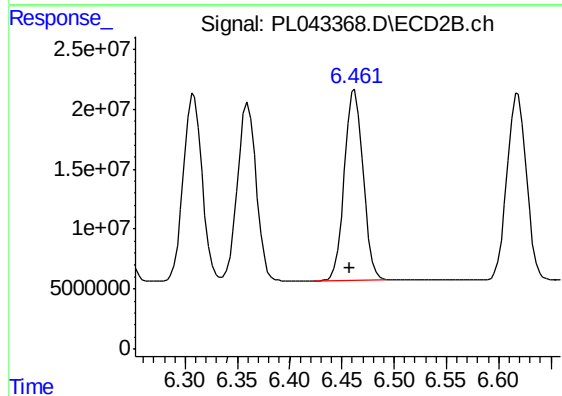
#11 alpha-Chlordane

R.T.: 6.308 min  
Delta R.T.: 0.005 min  
Response: 194174681  
Conc: 53.99 ng/ml



#12 4,4'-DDE

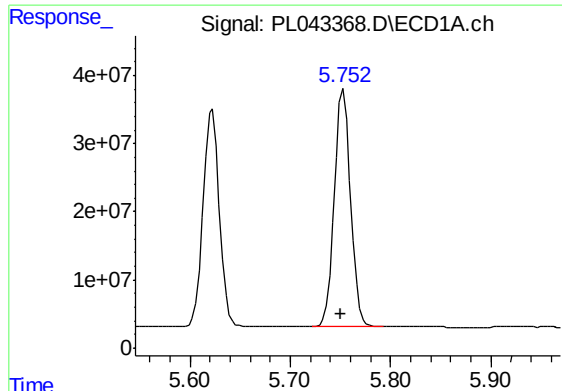
R.T.: 5.622 min  
Delta R.T.: 0.002 min  
Response: 358339072  
Conc: 51.76 ng/ml



#12 4,4'-DDE

R.T.: 6.463 min  
Delta R.T.: 0.005 min  
Response: 198044404  
Conc: 54.65 ng/ml





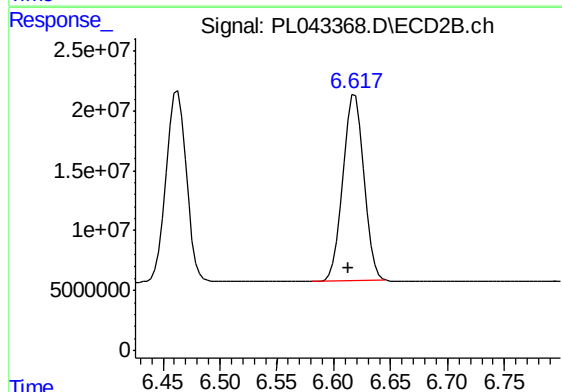
#13 Dieldrin

R.T.: 5.753 min  
Delta R.T.: 0.002 min  
Response: 389985019  
Conc: 50.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115913BS

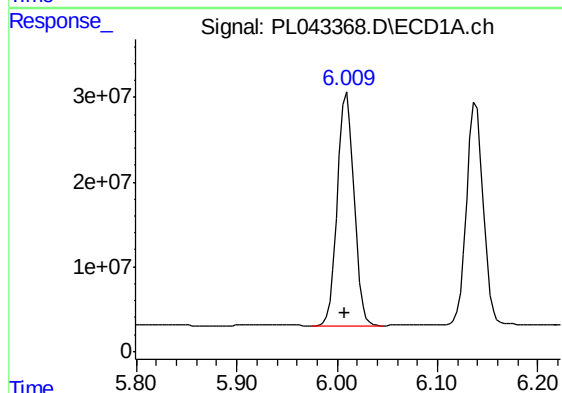
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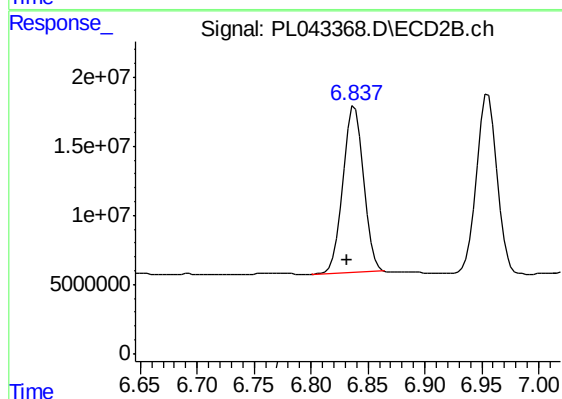
#13 Dieldrin

R.T.: 6.619 min  
Delta R.T.: 0.006 min  
Response: 197152696  
Conc: 54.38 ng/ml



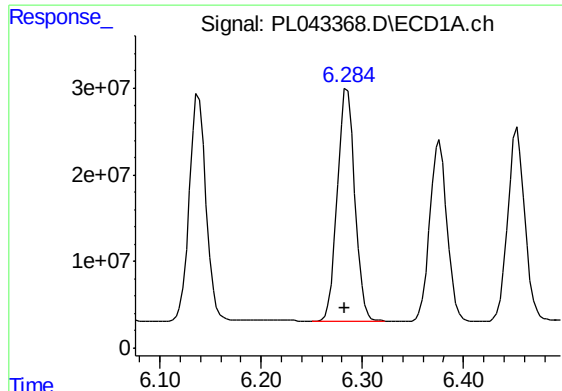
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: 0.003 min  
Response: 315086848  
Conc: 43.76 ng/ml



#14 Endrin

R.T.: 6.838 min  
Delta R.T.: 0.006 min  
Response: 149431659  
Conc: 47.86 ng/ml



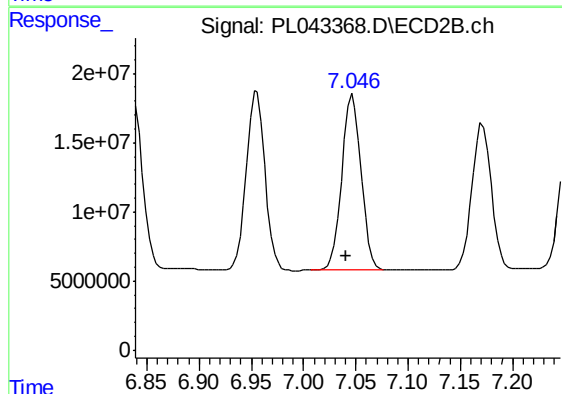
#15 Endosulfan II

R.T.: 6.285 min  
Delta R.T.: 0.002 min  
Response: 319709914  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115913BS

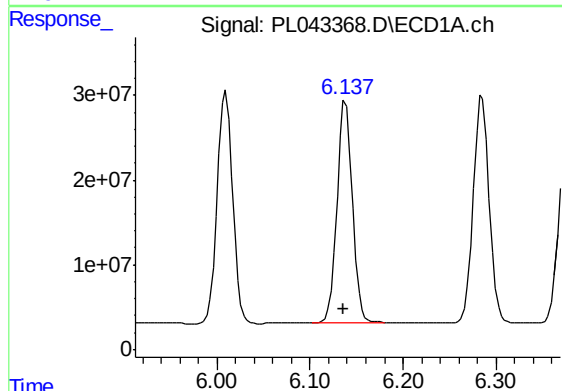
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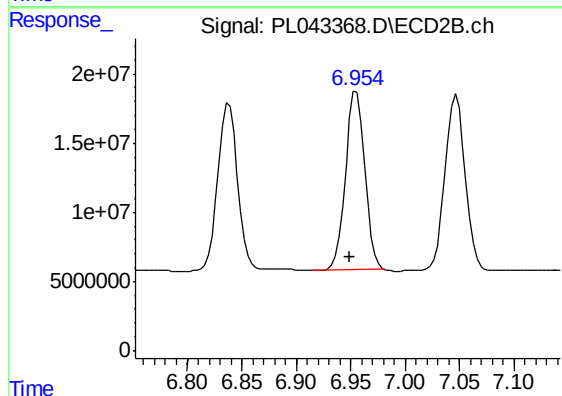
#15 Endosulfan II

R.T.: 7.047 min  
Delta R.T.: 0.006 min  
Response: 162013677  
Conc: 53.51 ng/ml



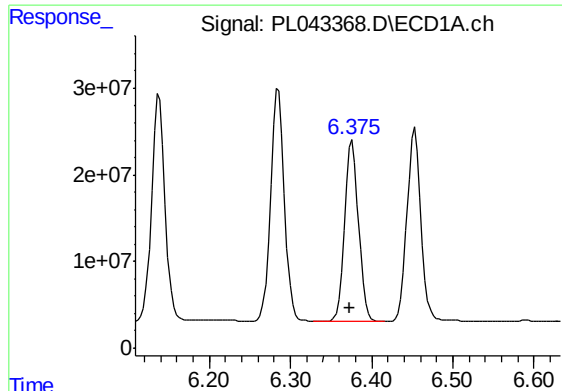
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: 0.003 min  
Response: 300534670  
Conc: 52.99 ng/ml



#16 4,4'-DDD

R.T.: 6.955 min  
Delta R.T.: 0.006 min  
Response: 158548304  
Conc: 54.06 ng/ml



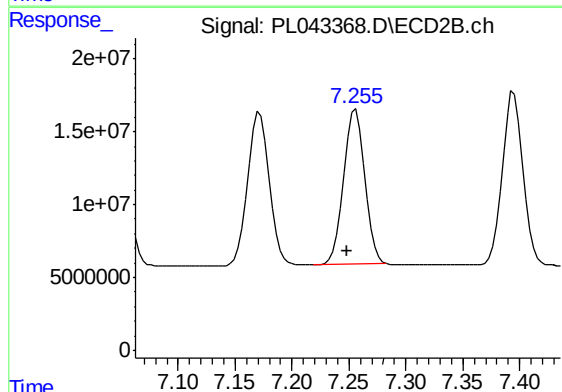
#17 4,4'-DDT

R.T.: 6.376 min  
Delta R.T.: 0.002 min  
Response: 249031233  
Conc: 41.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115913BS

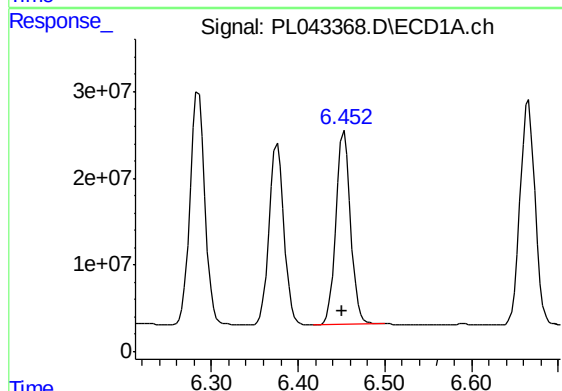
Manual Integrations  
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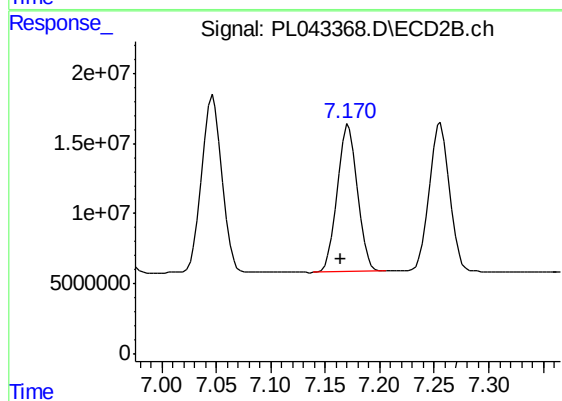
#17 4,4'-DDT

R.T.: 7.256 min  
Delta R.T.: 0.007 min  
Response: 134917095  
Conc: 45.94 ng/ml



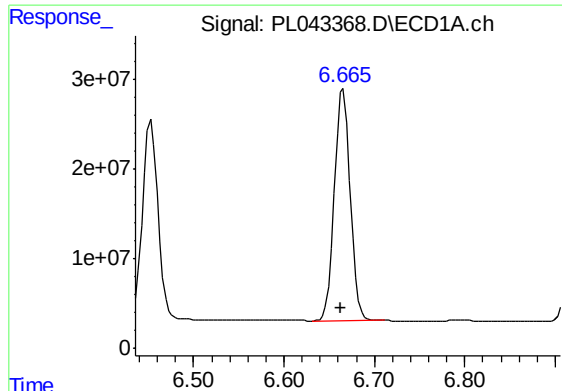
#18 Endrin aldehyde

R.T.: 6.453 min  
Delta R.T.: 0.003 min  
Response: 263168544  
Conc: 47.76 ng/ml



#18 Endrin aldehyde

R.T.: 7.170 min  
Delta R.T.: 0.005 min  
Response: 136568992  
Conc: 54.45 ng/ml m



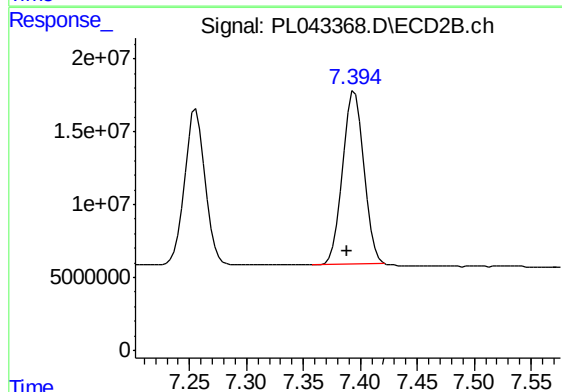
#19 Endosulfan Sulfate

R.T.: 6.666 min  
Delta R.T.: 0.003 min  
Response: 312376963  
Conc: 46.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115913BS

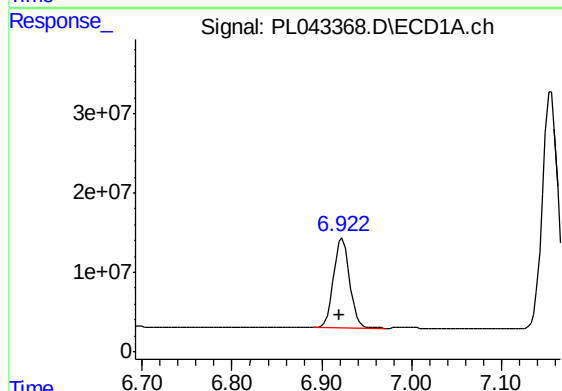
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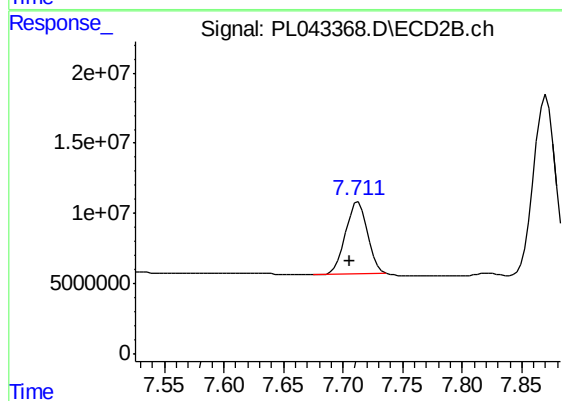
#19 Endosulfan Sulfate

R.T.: 7.395 min  
Delta R.T.: 0.006 min  
Response: 152685618  
Conc: 50.78 ng/ml



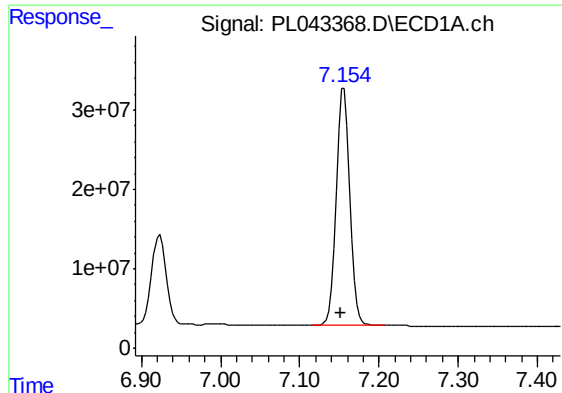
#20 Methoxychlor

R.T.: 6.923 min  
Delta R.T.: 0.003 min  
Response: 140946777  
Conc: 42.01 ng/ml



#20 Methoxychlor

R.T.: 7.713 min  
Delta R.T.: 0.007 min  
Response: 65389098  
Conc: 43.35 ng/ml



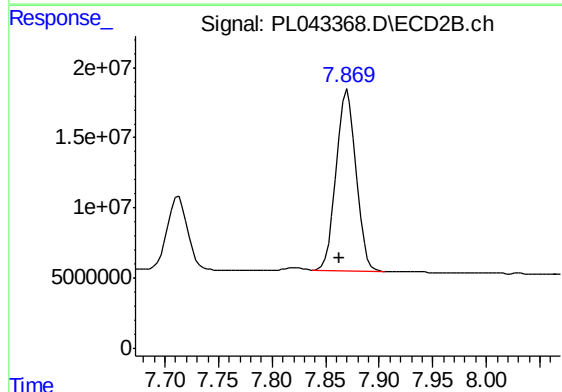
#21 Endrin ketone

R.T.: 7.156 min  
Delta R.T.: 0.003 min  
Response: 365743602  
Conc: 50.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115913BS

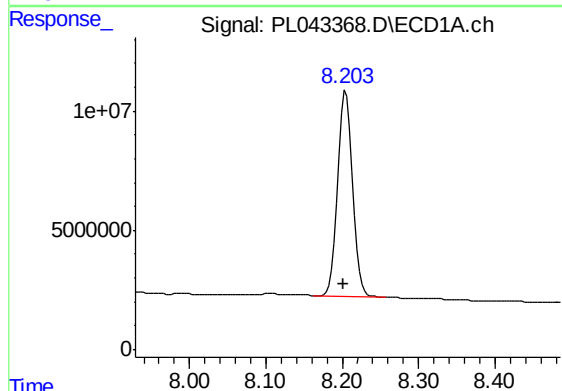
Manual Integrations  
APPROVED

Sohil  
12/26/2018 9:12:37 AM



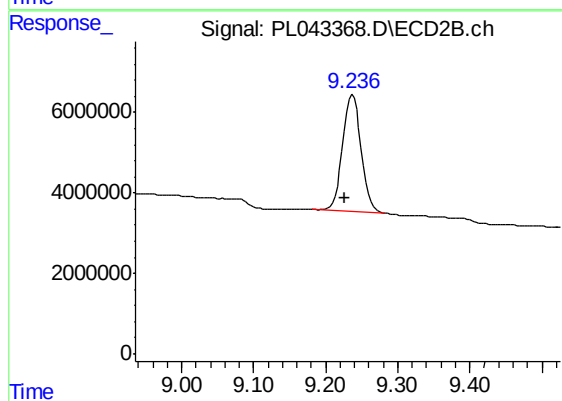
#21 Endrin ketone

R.T.: 7.869 min  
Delta R.T.: 0.006 min  
Response: 167218158  
Conc: 54.71 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.205 min  
Delta R.T.: 0.004 min  
Response: 116005452  
Conc: 17.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.237 min  
Delta R.T.: 0.010 min  
Response: 51697607  
Conc: 19.82 ng/ml