

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091218\  
 Data File : PL039852.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Sep 2018 16:54  
 Operator : AJ\SJ  
 Sample : PB112783BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB112783BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 02:38:21 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 15 15:04:22 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... | 3.301 | 3.904 | 137.5E6 | 59397837 | 19.663  | 22.156   |
| 2)                          | SA Decachlor... | 7.953 | 8.890 | 145.2E6 | 54004328 | 20.672  | 23.272   |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.728 | 4.282 | 550.3E6 | 232.5E6  | 46.555  | 55.220   |
| 3)                          | MA gamma-BHC... | 4.003 | 4.560 | 502.0E6 | 207.2E6  | 47.330  | 51.448   |
| 4)                          | MA Heptachlor   | 4.284 | 5.067 | 486.1E6 | 209.5E6  | 46.174  | 58.595 # |
| 5)                          | MB Aldrin       | 4.521 | 5.368 | 477.4E6 | 197.4E6  | 47.661  | 55.753   |
| 6)                          | B beta-BHC      | 4.258 | 4.723 | 206.4E6 | 89950153 | 44.439  | 51.355   |
| 7)                          | B delta-BHC     | 4.450 | 4.936 | 510.1E6 | 213.3E6  | 46.996  | 53.575   |
| 8)                          | B Heptachlo...  | 4.956 | 5.747 | 417.0E6 | 183.9E6  | 43.663m | 54.680 # |
| 9)                          | A Endosulfan I  | 5.285 | 6.098 | 415.0E6 | 156.7E6  | 47.398m | 53.412   |
| 10)                         | B gamma-Chl...  | 5.179 | 5.978 | 475.5E6 | 175.4E6  | 48.141  | 54.204   |
| 11)                         | B alpha-Chl...  | 5.234 | 6.051 | 459.3E6 | 173.8E6  | 47.812  | 53.711   |
| 12)                         | B 4,4'-DDE      | 5.401 | 6.208 | 449.1E6 | 169.4E6  | 46.900m | 54.790   |
| 13)                         | MA Dieldrin     | 5.524 | 6.351 | 464.0E6 | 166.1E6  | 47.584m | 54.841   |
| 14)                         | MA Endrin       | 5.777 | 6.565 | 398.6E6 | 133.7E6  | 44.534  | 51.986   |
| 15)                         | B Endosulfa...  | 6.050 | 6.769 | 407.2E6 | 139.6E6  | 46.830m | 54.354   |
| 16)                         | A 4,4'-DDD      | 5.912 | 6.689 | 371.5E6 | 128.8E6  | 46.613m | 57.517   |
| 17)                         | MA 4,4'-DDT     | 6.146 | 6.987 | 337.0E6 | 122.9E6  | 44.456  | 52.193   |
| 18)                         | B Endrin al...  | 6.219 | 6.891 | 310.8E6 | 120.8E6  | 45.868  | 55.630   |
| 19)                         | B Endosulfa...  | 6.430 | 7.113 | 392.5E6 | 130.6E6  | 48.238  | 54.462   |
| 20)                         | A Methoxychlor  | 6.692 | 7.443 | 184.7E6 | 56869268 | 45.145m | 45.916   |
| 21)                         | B Endrin ke...  | 6.910 | 7.576 | 398.5E6 | 129.8E6  | 46.298m | 52.541   |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091218\  
Data File : PL039852.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Sep 2018 16:54  
Operator : AJ\SJ  
Sample : PB112783BS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

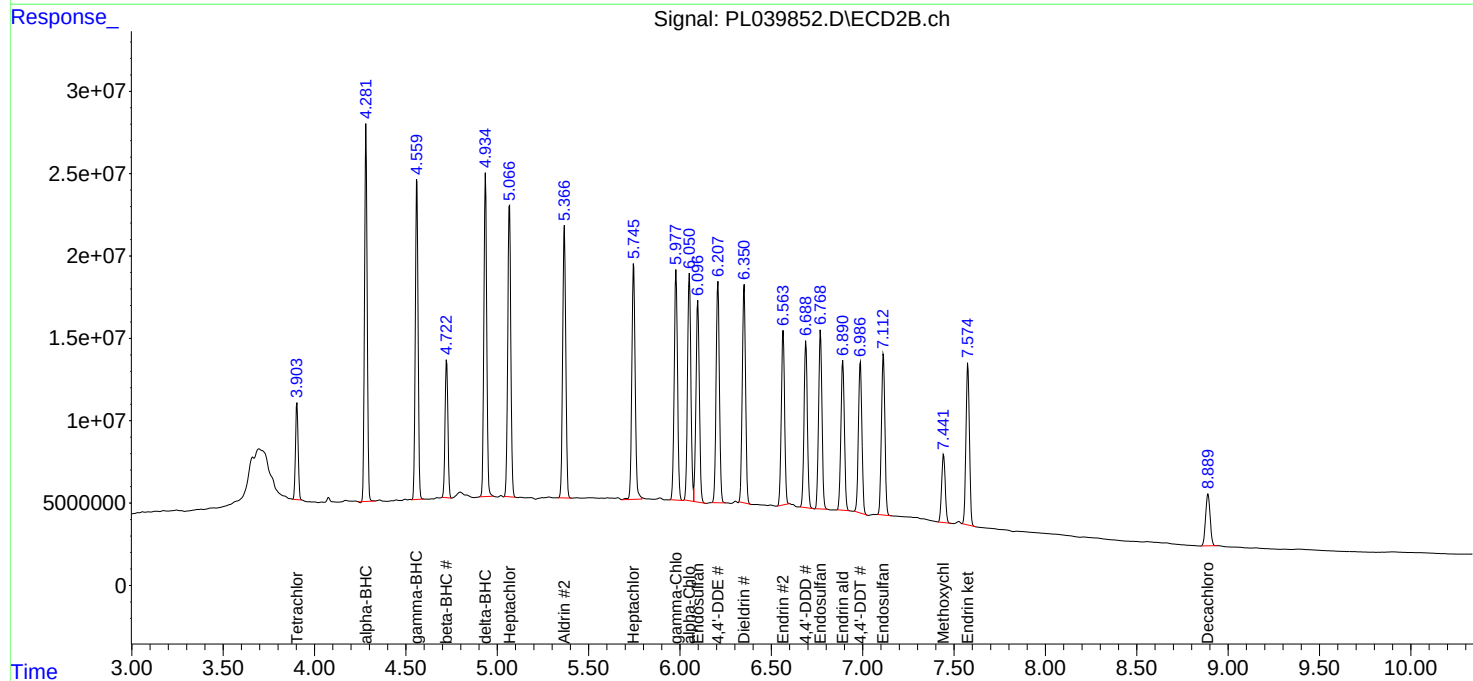
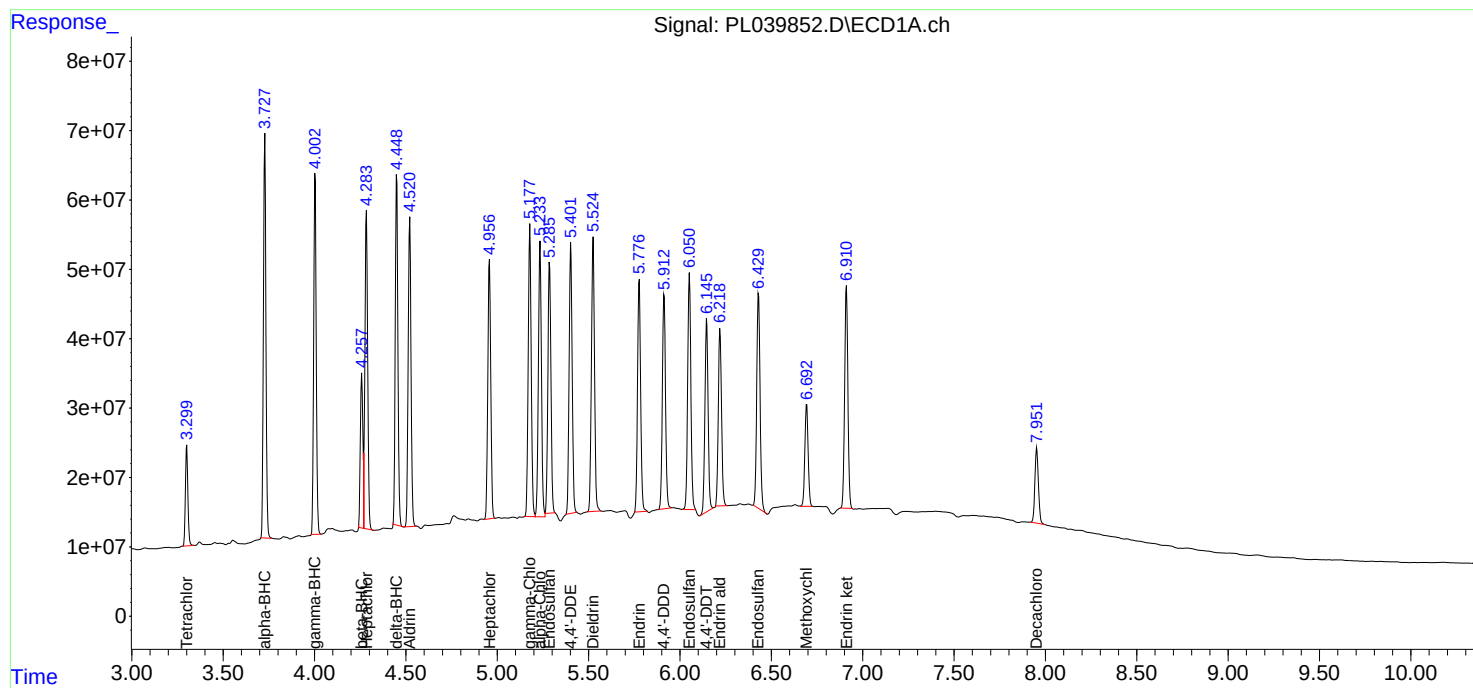
Instrument :  
ECD\_L  
ClientSampleId :  
PB112783BS

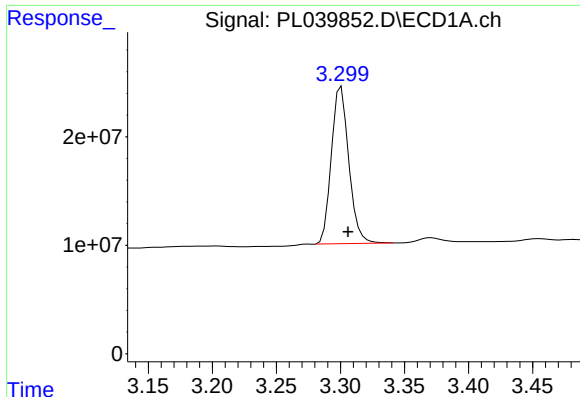
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 02:38:21 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 15 15:04:22 2018  
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





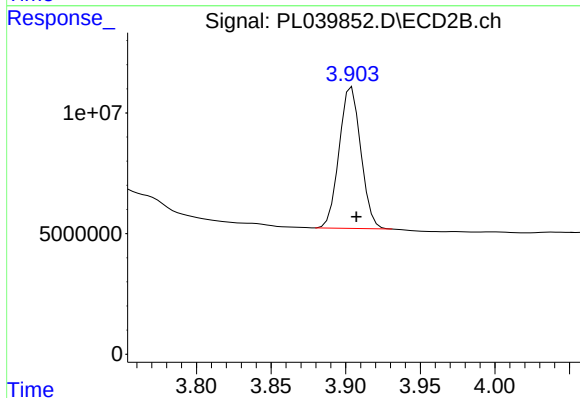
#1 Tetrachloro-m-xylene

R.T.: 3.301 min  
Delta R.T.: -0.005 min  
Response: 137451636  
Conc: 19.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112783BS

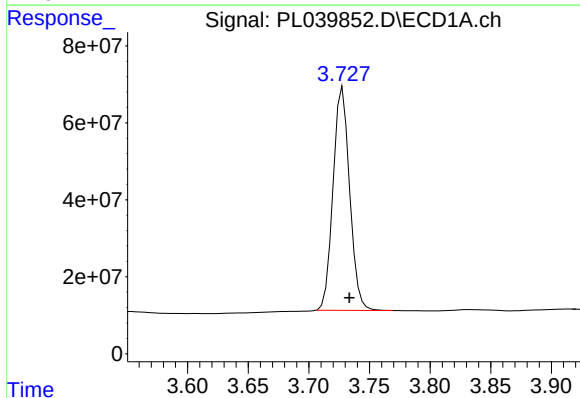
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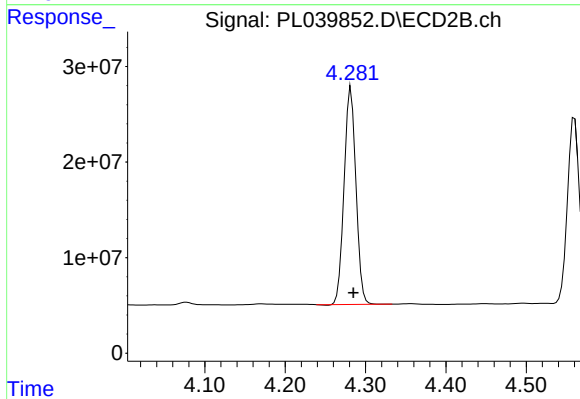
#1 Tetrachloro-m-xylene

R.T.: 3.904 min  
Delta R.T.: -0.003 min  
Response: 59397837  
Conc: 22.16 ng/ml



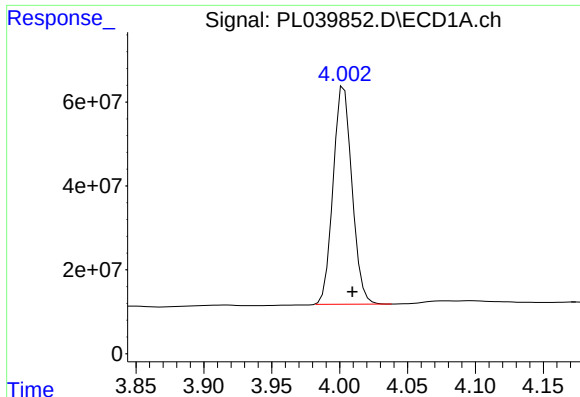
#2 alpha-BHC

R.T.: 3.728 min  
Delta R.T.: -0.005 min  
Response: 550290752  
Conc: 46.55 ng/ml



#2 alpha-BHC

R.T.: 4.282 min  
Delta R.T.: -0.003 min  
Response: 232532984  
Conc: 55.22 ng/ml



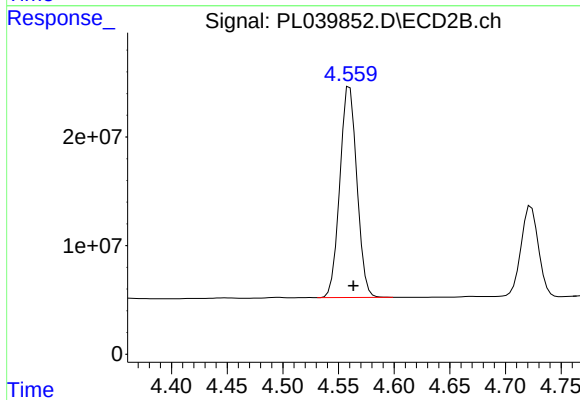
#3 gamma-BHC (Lindane)

R.T.: 4.003 min  
Delta R.T.: -0.006 min  
Response: 502016008  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112783BS

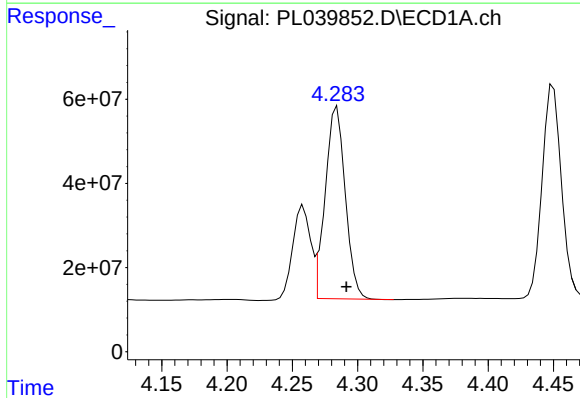
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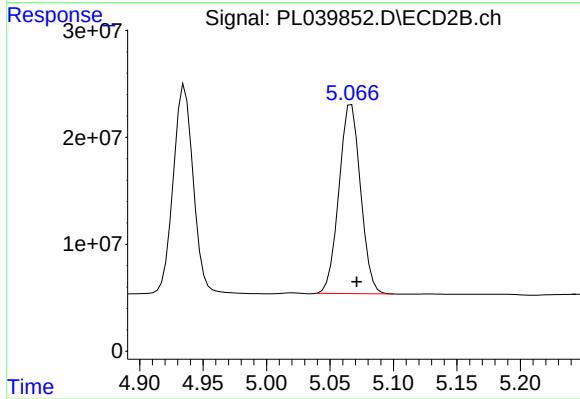
#3 gamma-BHC (Lindane)

R.T.: 4.560 min  
Delta R.T.: -0.003 min  
Response: 207158160  
Conc: 51.45 ng/ml



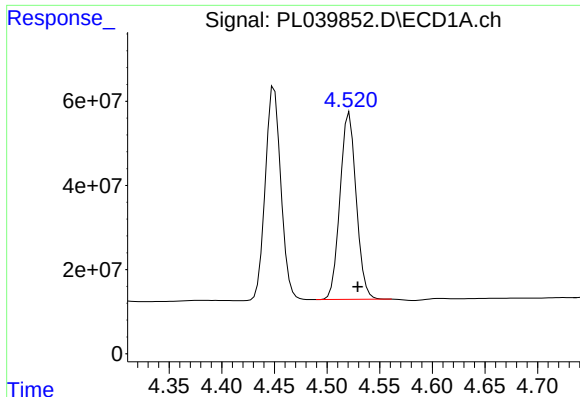
#4 Heptachlor

R.T.: 4.284 min  
Delta R.T.: -0.007 min  
Response: 486080149  
Conc: 46.17 ng/ml



#4 Heptachlor

R.T.: 5.067 min  
Delta R.T.: -0.004 min  
Response: 209526053  
Conc: 58.59 ng/ml



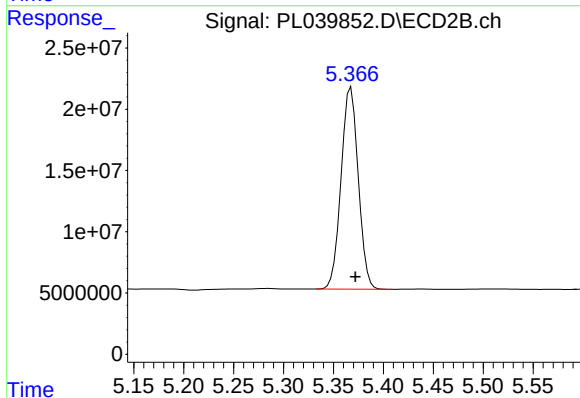
#5 Aldrin

R.T.: 4.521 min  
Delta R.T.: -0.008 min  
Response: 477367422  
Conc: 47.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112783BS

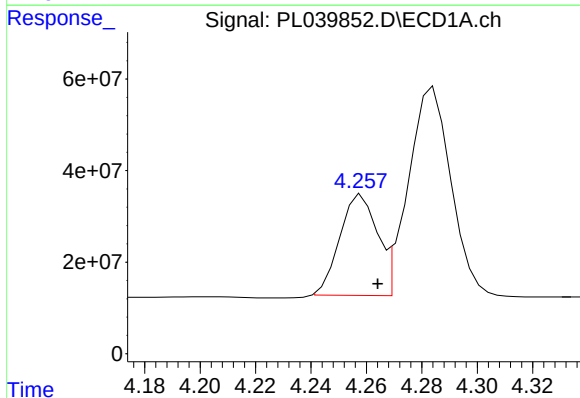
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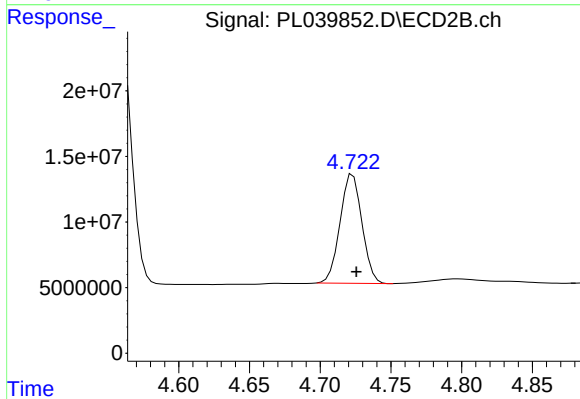
#5 Aldrin

R.T.: 5.368 min  
Delta R.T.: -0.004 min  
Response: 197367885  
Conc: 55.75 ng/ml



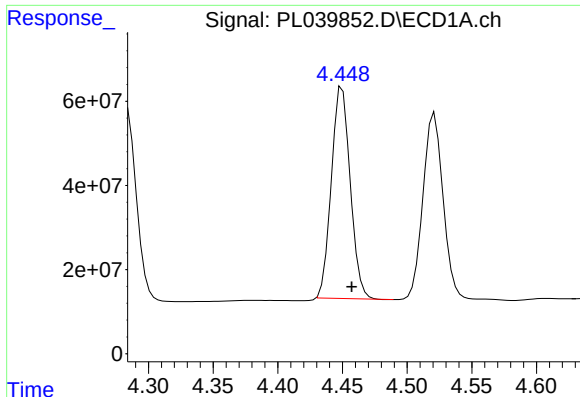
#6 beta-BHC

R.T.: 4.258 min  
Delta R.T.: -0.006 min  
Response: 206444392  
Conc: 44.44 ng/ml



#6 beta-BHC

R.T.: 4.723 min  
Delta R.T.: -0.003 min  
Response: 89950153  
Conc: 51.35 ng/ml



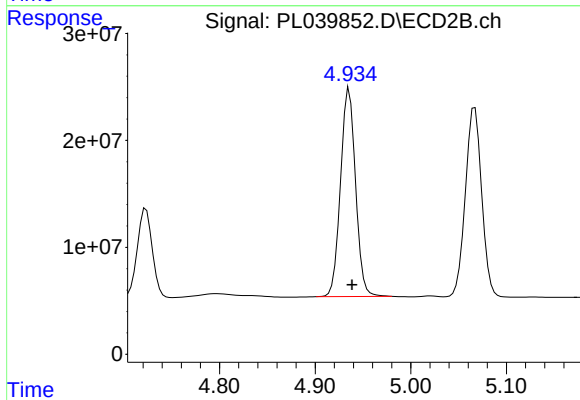
#7 delta-BHC

R.T.: 4.450 min  
Delta R.T.: -0.007 min  
Response: 510108811  
Conc: 47.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112783BS

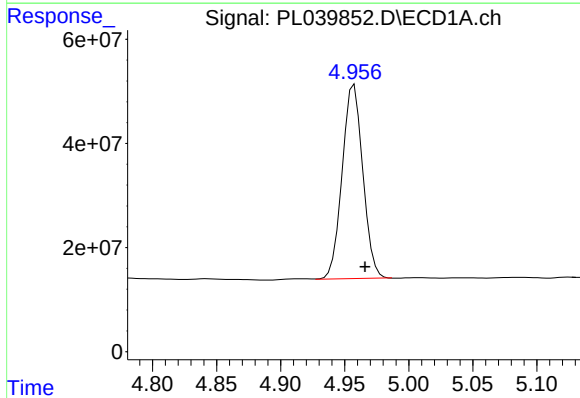
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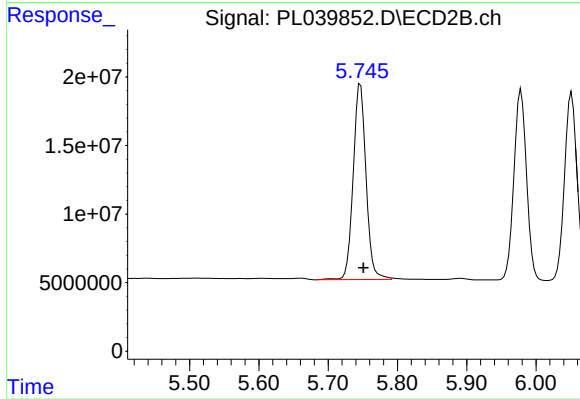
#7 delta-BHC

R.T.: 4.936 min  
Delta R.T.: -0.003 min  
Response: 213313579  
Conc: 53.58 ng/ml



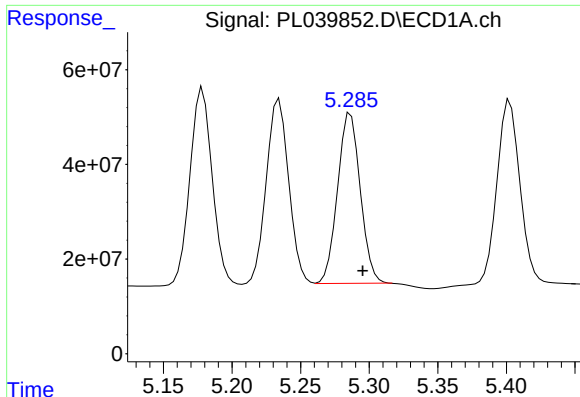
#8 Heptachlor epoxide

R.T.: 4.956 min  
Delta R.T.: -0.010 min  
Response: 416953879  
Conc: 43.66 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.747 min  
Delta R.T.: -0.004 min  
Response: 183892842  
Conc: 54.68 ng/ml



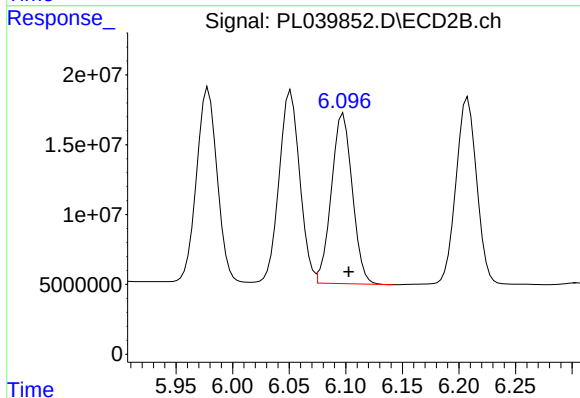
#9 Endosulfan I

R.T.: 5.285 min  
Delta R.T.: -0.010 min  
Response: 415028727  
Conc: 47.40 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB112783BS

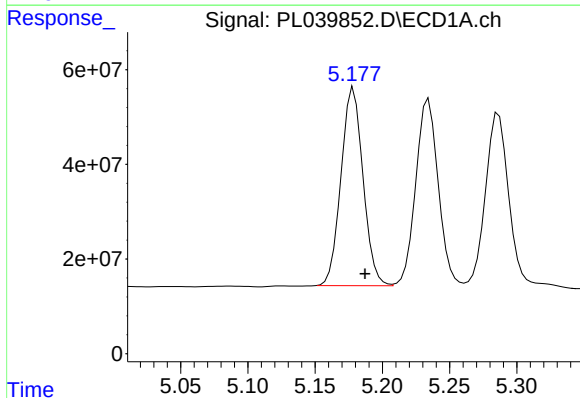
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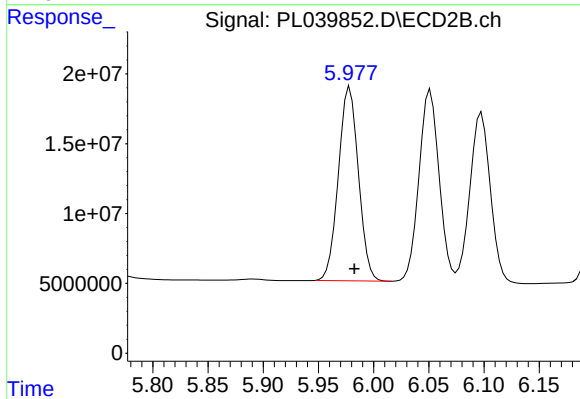
#9 Endosulfan I

R.T.: 6.098 min  
Delta R.T.: -0.005 min  
Response: 156686529  
Conc: 53.41 ng/ml



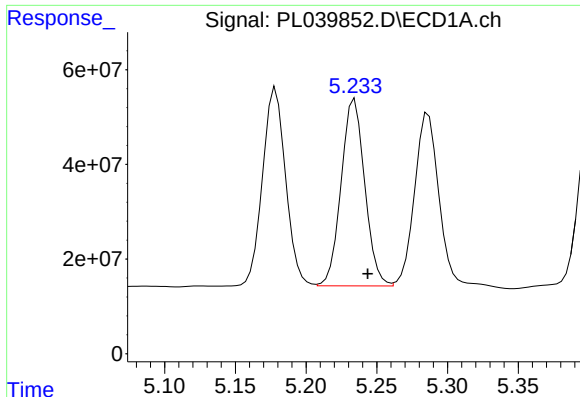
#10 gamma-Chlordane

R.T.: 5.179 min  
Delta R.T.: -0.009 min  
Response: 475470840  
Conc: 48.14 ng/ml



#10 gamma-Chlordane

R.T.: 5.978 min  
Delta R.T.: -0.004 min  
Response: 175428463  
Conc: 54.20 ng/ml



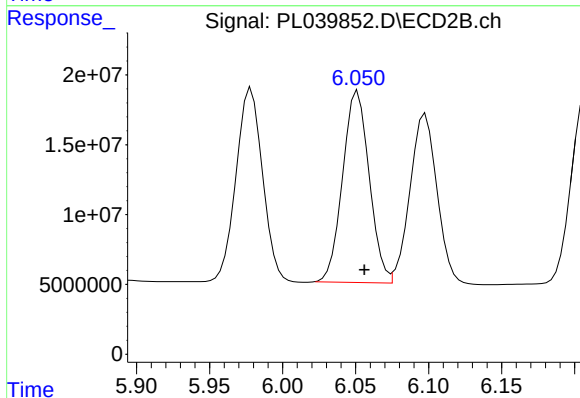
#11 alpha-Chlordane

R.T.: 5.234 min  
Delta R.T.: -0.009 min  
Response: 459344719  
Conc: 47.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112783BS

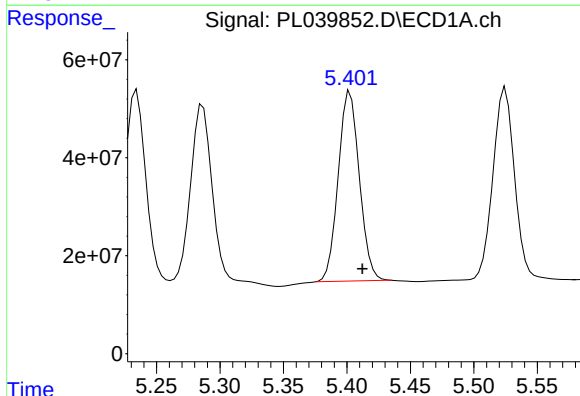
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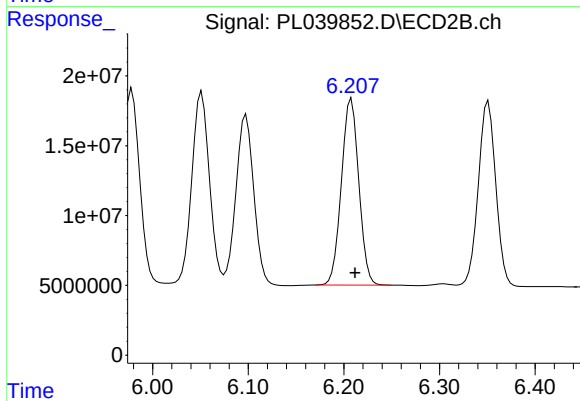
#11 alpha-Chlordane

R.T.: 6.051 min  
Delta R.T.: -0.005 min  
Response: 173755319  
Conc: 53.71 ng/ml



#12 4,4'-DDE

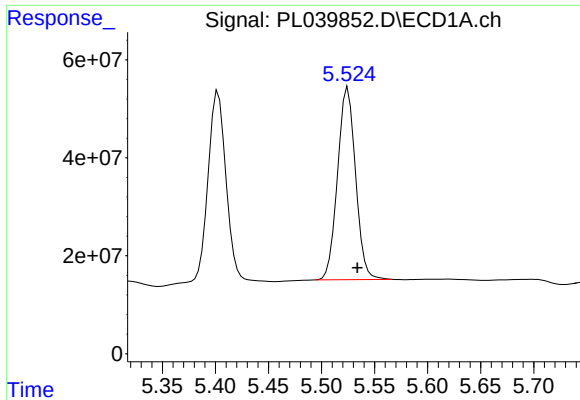
R.T.: 5.401 min  
Delta R.T.: -0.011 min  
Response: 449109695  
Conc: 46.90 ng/ml m



#12 4,4'-DDE

R.T.: 6.208 min  
Delta R.T.: -0.004 min  
Response: 169412659  
Conc: 54.79 ng/ml





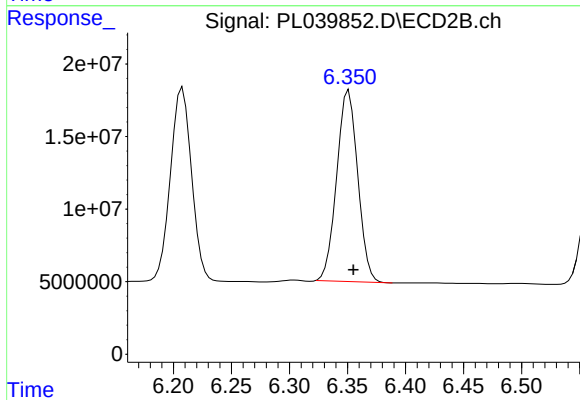
#13 Dieldrin

R.T.: 5.524 min  
Delta R.T.: -0.010 min  
Response: 464029732  
Conc: 47.58 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB112783BS

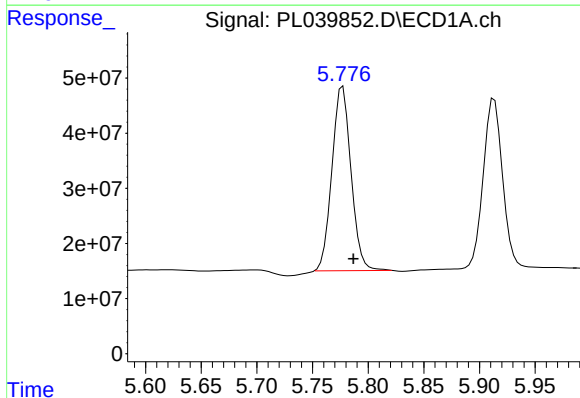
Manual Integrations  
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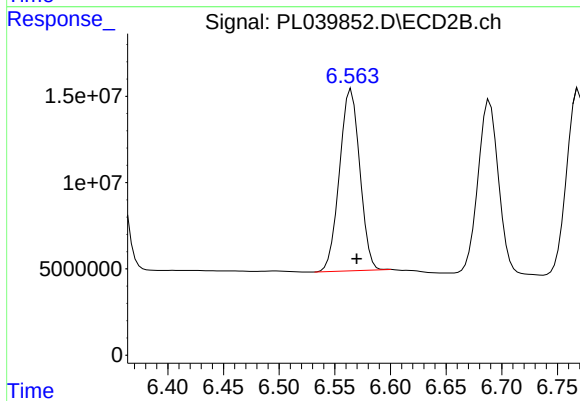
#13 Dieldrin

R.T.: 6.351 min  
Delta R.T.: -0.004 min  
Response: 166131535  
Conc: 54.84 ng/ml



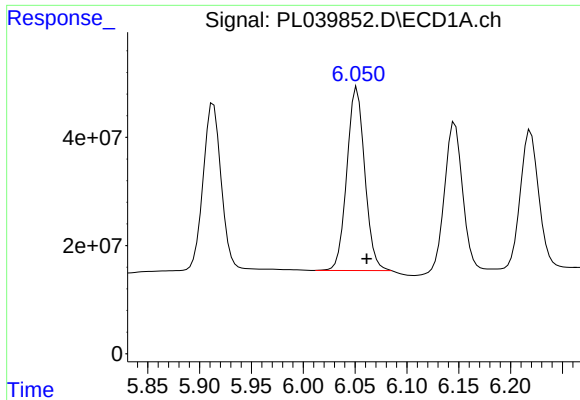
#14 Endrin

R.T.: 5.777 min  
Delta R.T.: -0.009 min  
Response: 398621997  
Conc: 44.53 ng/ml



#14 Endrin

R.T.: 6.565 min  
Delta R.T.: -0.005 min  
Response: 133668710  
Conc: 51.99 ng/ml



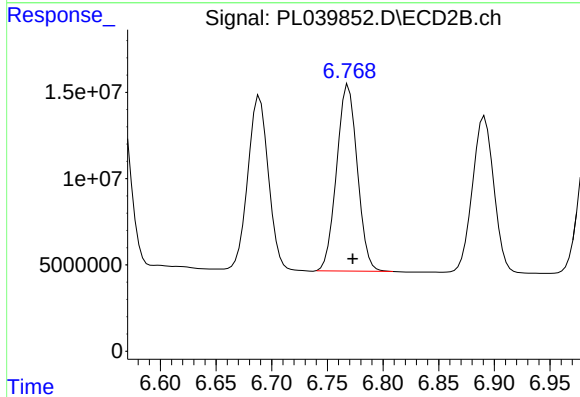
#15 Endosulfan II

R.T.: 6.050 min  
Delta R.T.: -0.011 min  
Response: 407202228  
Conc: 46.83 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB112783BS

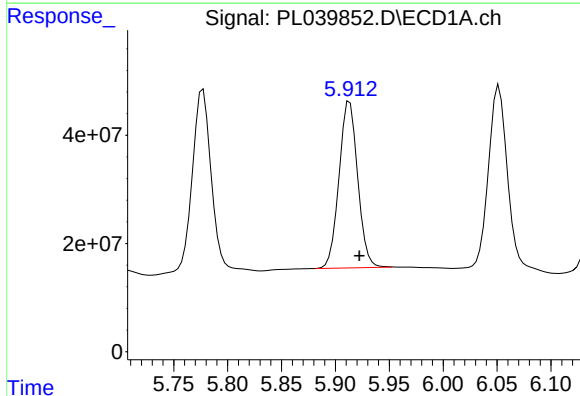
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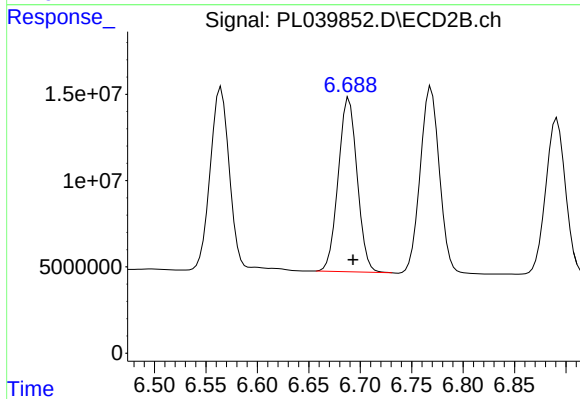
#15 Endosulfan II

R.T.: 6.769 min  
Delta R.T.: -0.004 min  
Response: 139612734  
Conc: 54.35 ng/ml



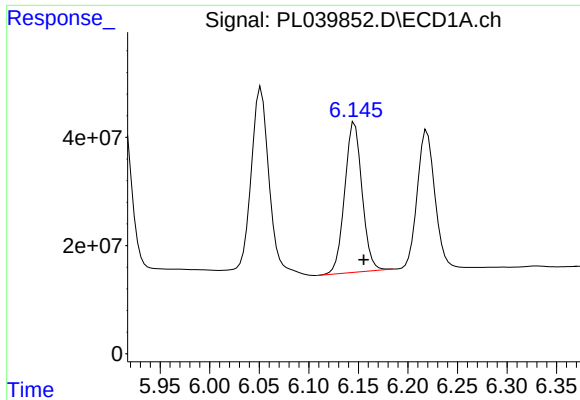
#16 4,4'-DDD

R.T.: 5.912 min  
Delta R.T.: -0.011 min  
Response: 371468106  
Conc: 46.61 ng/ml m



#16 4,4'-DDD

R.T.: 6.689 min  
Delta R.T.: -0.004 min  
Response: 128804666  
Conc: 57.52 ng/ml



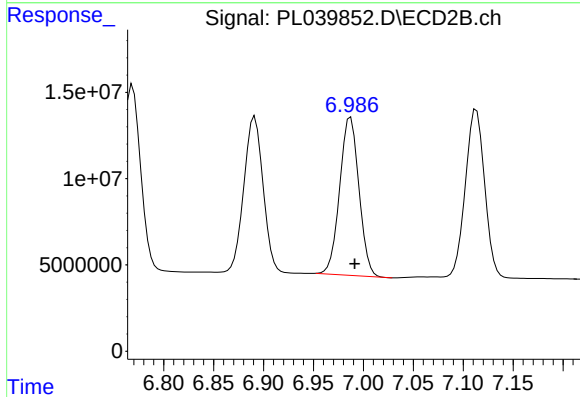
#17 4,4'-DDT

R.T.: 6.146 min  
Delta R.T.: -0.009 min  
Response: 336999513  
Conc: 44.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112783BS

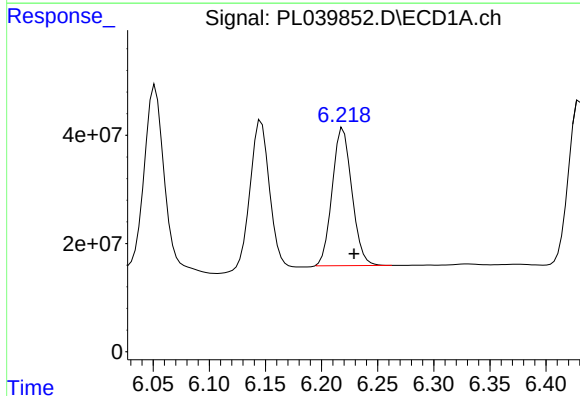
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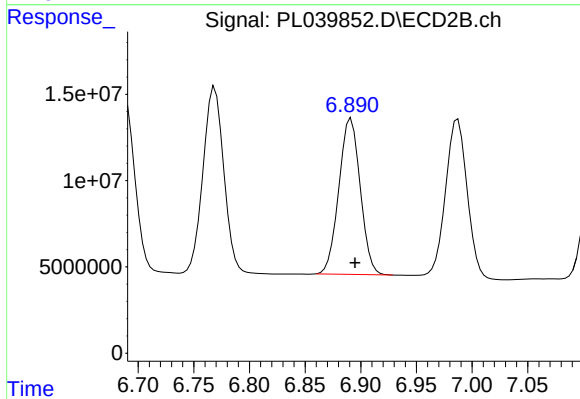
#17 4,4'-DDT

R.T.: 6.987 min  
Delta R.T.: -0.004 min  
Response: 122859107  
Conc: 52.19 ng/ml



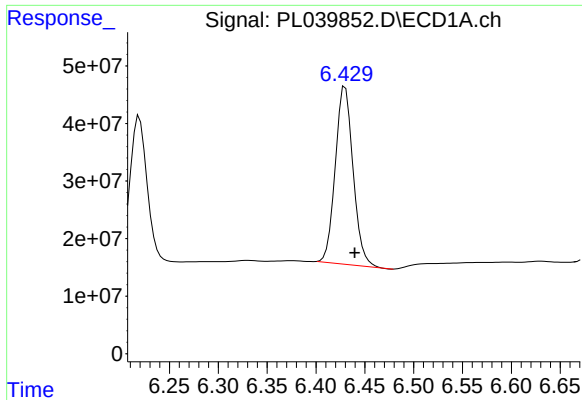
#18 Endrin aldehyde

R.T.: 6.219 min  
Delta R.T.: -0.010 min  
Response: 310837808  
Conc: 45.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.891 min  
Delta R.T.: -0.004 min  
Response: 120790604  
Conc: 55.63 ng/ml



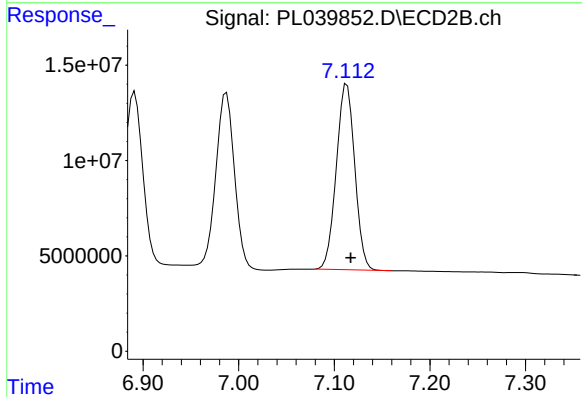
#19 Endosulfan Sulfate

R.T.: 6.430 min  
Delta R.T.: -0.010 min  
Response: 392500497  
Conc: 48.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112783BS

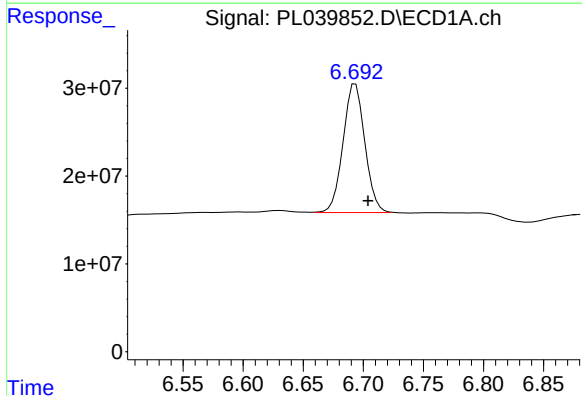
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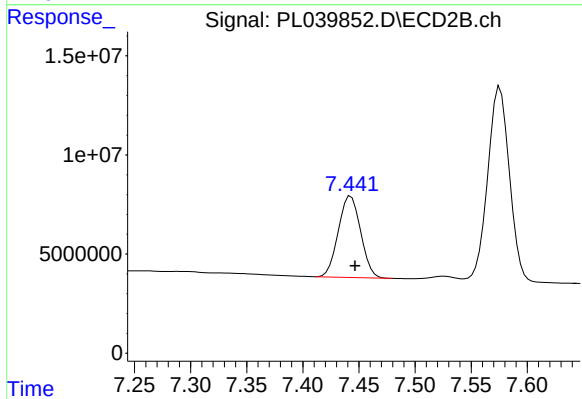
#19 Endosulfan Sulfate

R.T.: 7.113 min  
Delta R.T.: -0.004 min  
Response: 130561947  
Conc: 54.46 ng/ml



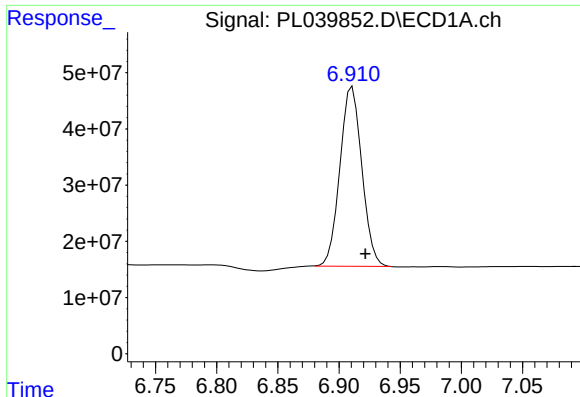
#20 Methoxychlor

R.T.: 6.692 min  
Delta R.T.: -0.012 min  
Response: 184744987  
Conc: 45.15 ng/ml m



#20 Methoxychlor

R.T.: 7.443 min  
Delta R.T.: -0.004 min  
Response: 56869268  
Conc: 45.92 ng/ml



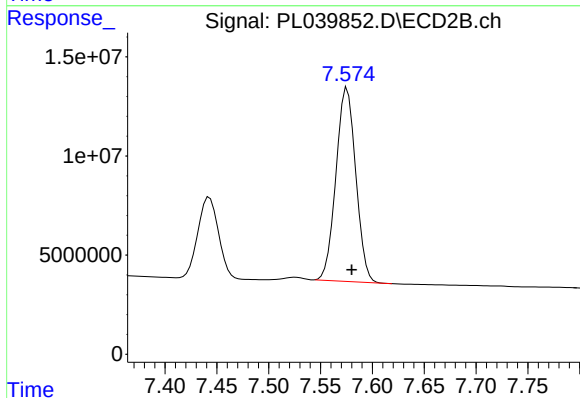
#21 Endrin ketone

R.T.: 6.910 min  
Delta R.T.: -0.012 min  
Response: 398481382  
Conc: 46.30 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB112783BS

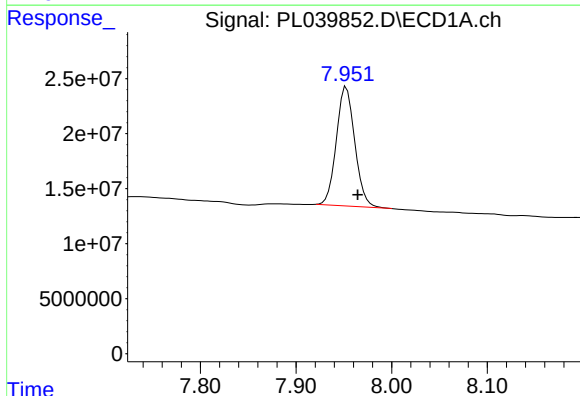
Manual Integrations  
APPROVED

Sohil  
9/13/2018 11:55:21 AM



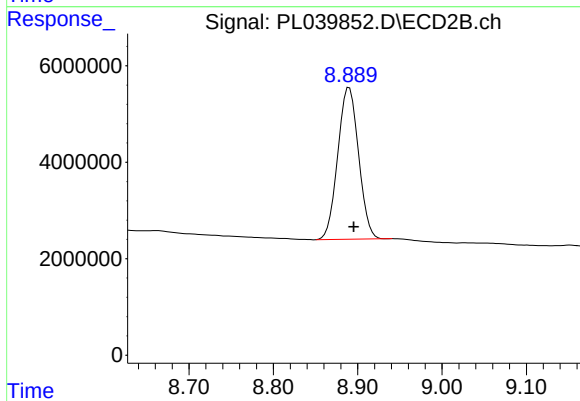
#21 Endrin ketone

R.T.: 7.576 min  
Delta R.T.: -0.004 min  
Response: 129827656  
Conc: 52.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.953 min  
Delta R.T.: -0.012 min  
Response: 145185526  
Conc: 20.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.890 min  
Delta R.T.: -0.005 min  
Response: 54004328  
Conc: 23.27 ng/ml