

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005807.D Vial: 33
 Acq On : 21-Jan-2014, 23:03 Operator: QM
 Sample : F1002-05 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 13:33 2014 Quant Results File: HN012114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 LOD WATER 2014-01

Manual Integrations
 APPROVED

QI
 1/24/2014 4:51:09 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
 Title :
 Last Update : Fri Jan 24 13:04:26 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.30	1294553	343.652 ug/L
Target Compounds			
2) T HMX	0.87	60358	14.074 ug/L m
3) T RDX	1.67	81662	14.239 ug/L
4) T 1,3,5-Trinitrobenzene	2.63	72199	6.708 ug/L
5) T 1,3-Dinitrobenzene	3.47	195211	12.101 ng/ml
6) T 3,5-Dinitroaniline	3.82	172824	13.809 ug/L
7) T Nitrobenzene	4.65	139506	12.976 ug/L
8) T Tetryl	5.92	43382	6.291 ug/L m
9) T 2,4,6-Trinitrotoluene	6.39	94301	8.846 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.85	136952	11.982 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.20	69437	12.013 ug/L m
12) T 2,4-Dinitrotoluene	8.00	221061	14.450 ug/L m
13) T 2,6-Dinitrotoluene	8.37	125453	14.863 ug/L m
14) T 2-Nitrotoluene	11.52	83744	12.652 ug/L m
15) T 4-Nitrotoluene	12.16	55138	10.325 ug/L m
16) T 3-Nitrotoluene	13.41	89280	13.378 ug/L m
17) T PETN	18.65	131851	15.829 ug/L m

 Analyst Signature:_____ Analyst Name:_____ Date:_____

-----REASONS FOR MANUAL INTEGRATIONS-----

___Poor resolution of peaks exhibited on chromatogram.Compound #:_____

___Peak Integrated by software incorrectly.Compound #:_____

___OTHER:_____Compound #:_____

(f)=RT Delta > 1/2 Window (m)=manual int.

HN005807.D HN012114.M

Sat Jan 25 00:59:21 2014

RPT1

Quantitation Report

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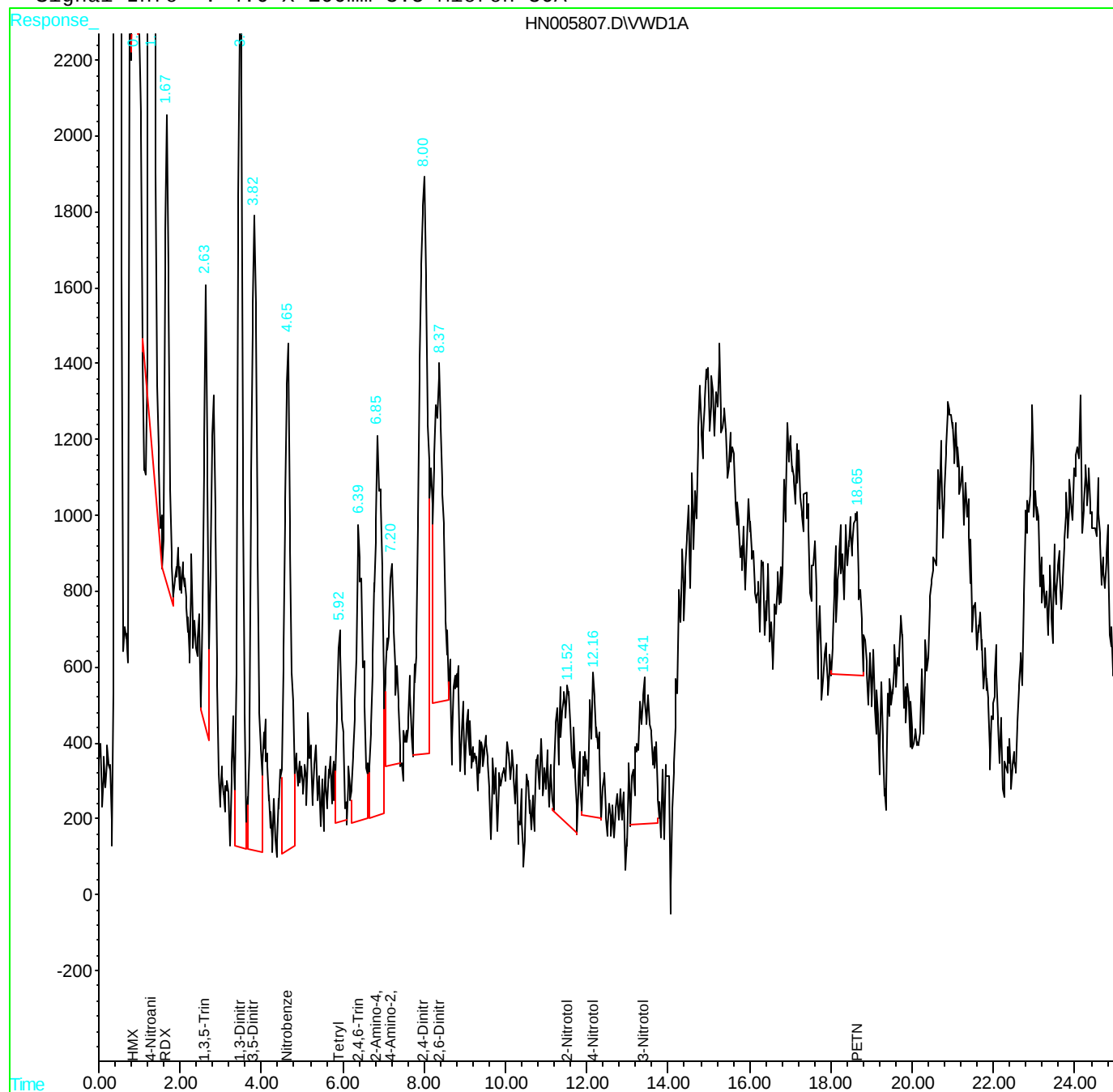
Instrument :
HPLC_N
ClientSampleId :
LOD WATER 2014-01

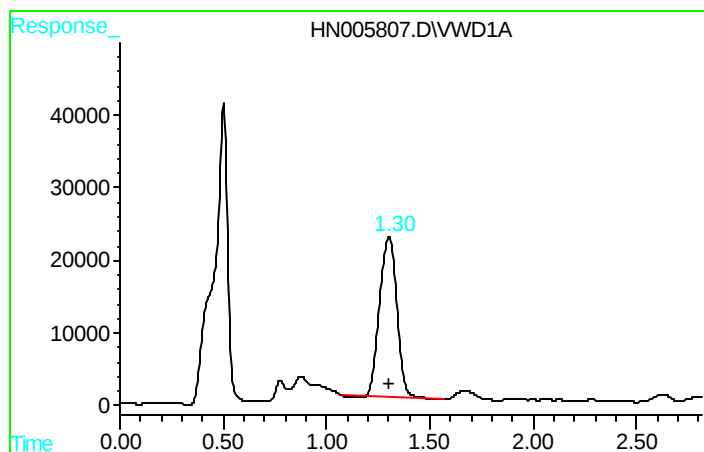
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
Title :
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Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





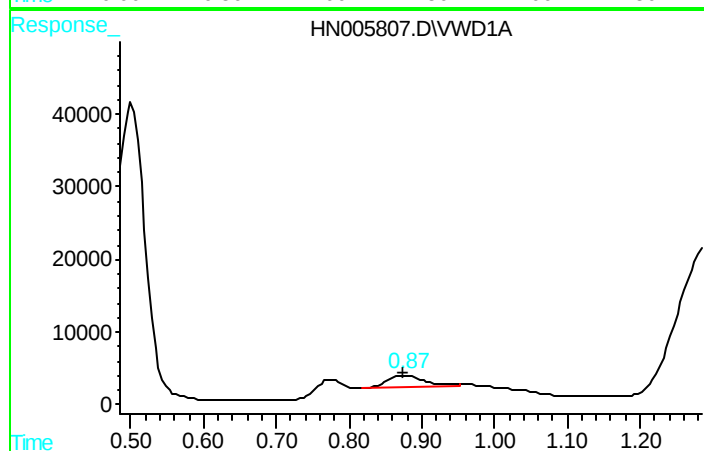
#1 4-Nitroaniline

R.T.: 1.304 min
Delta R.T.: 0.000 min
Response: 1294553
Conc: 343.65 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOD WATER 2014-01

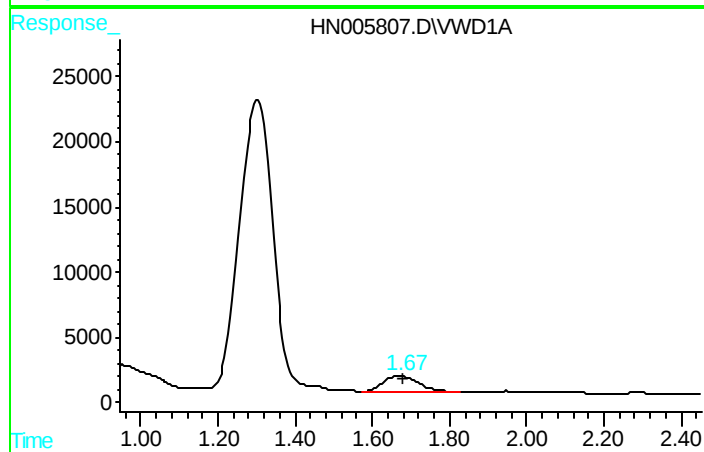
Manual Integrations
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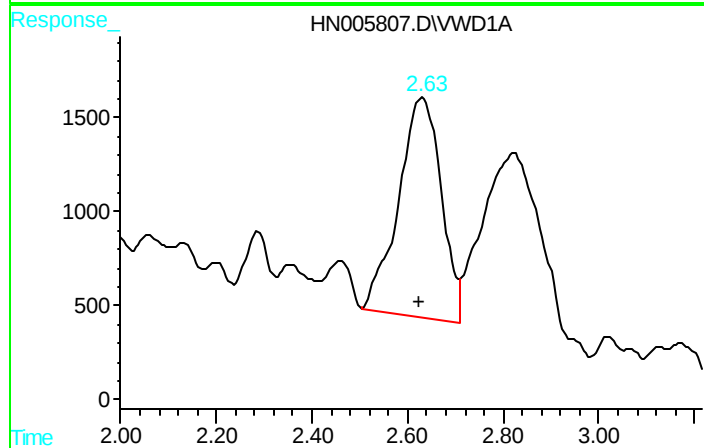
#2 HMX

R.T.: 0.873 min
Delta R.T.: 0.000 min
Response: 60358
Conc: 14.07 ug/L m



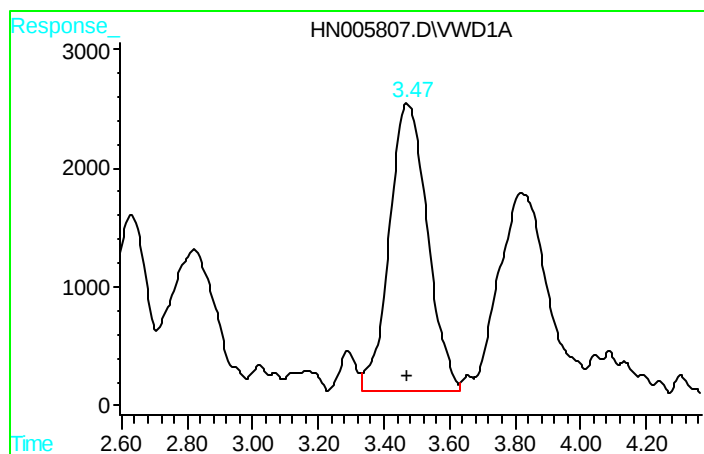
#3 RDX

R.T.: 1.673 min
Delta R.T.: -0.006 min
Response: 81662
Conc: 14.24 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.631 min
Delta R.T.: 0.008 min
Response: 72199
Conc: 6.71 ug/L



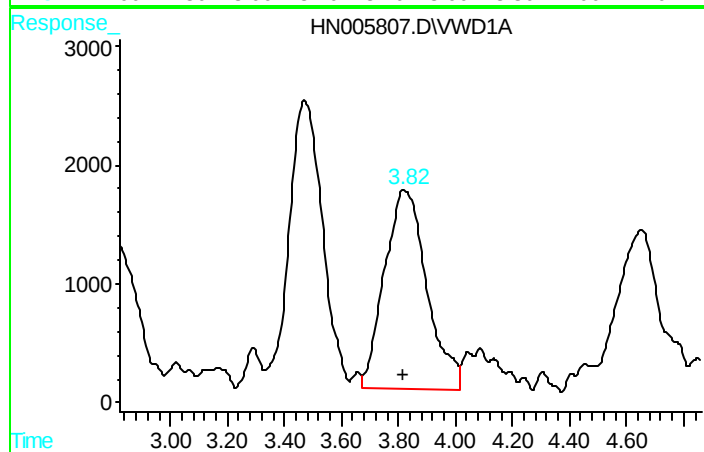
#5 1,3-Dinitrobenzene

R.T.: 3.472 min
Delta R.T.: 0.003 min
Response: 195211
Conc: 12.10 ng/ml

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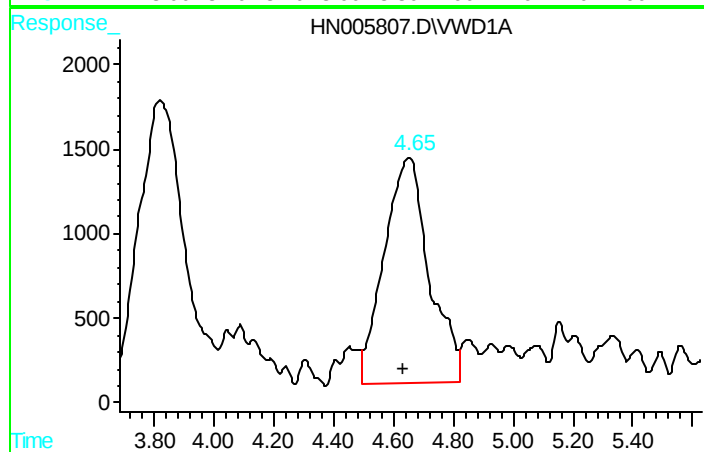
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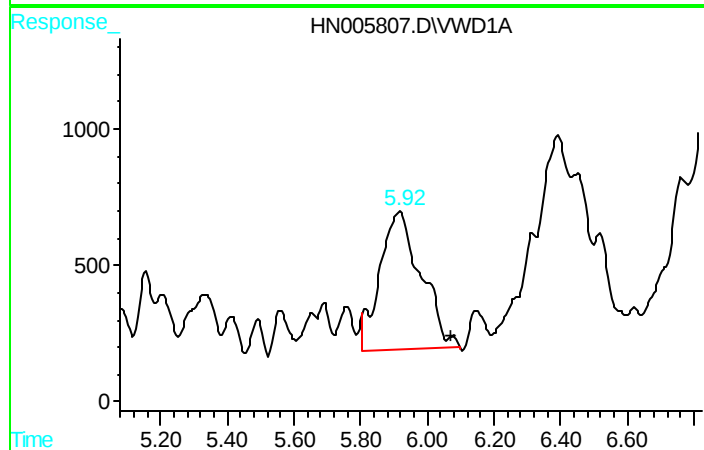
#6 3,5-Dinitroaniline

R.T.: 3.821 min
Delta R.T.: 0.004 min
Response: 172824
Conc: 13.81 ug/L



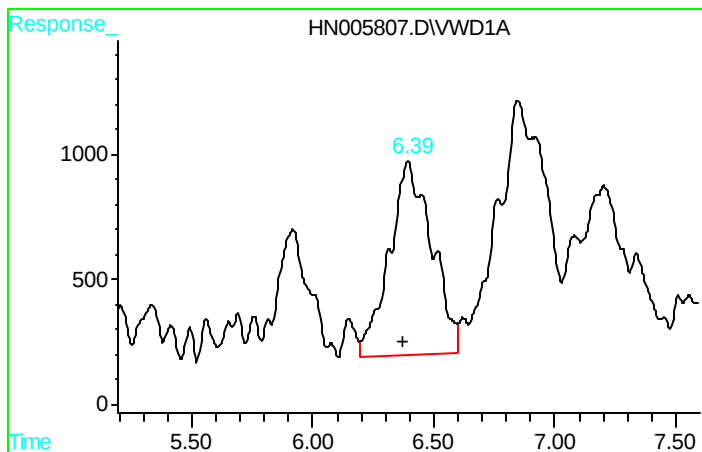
#7 Nitrobenzene

R.T.: 4.653 min
Delta R.T.: 0.022 min
Response: 139506
Conc: 12.98 ug/L



#8 Tetryl

R.T.: 5.917 min
Delta R.T.: -0.154 min
Response: 43382
Conc: 6.29 ug/L m



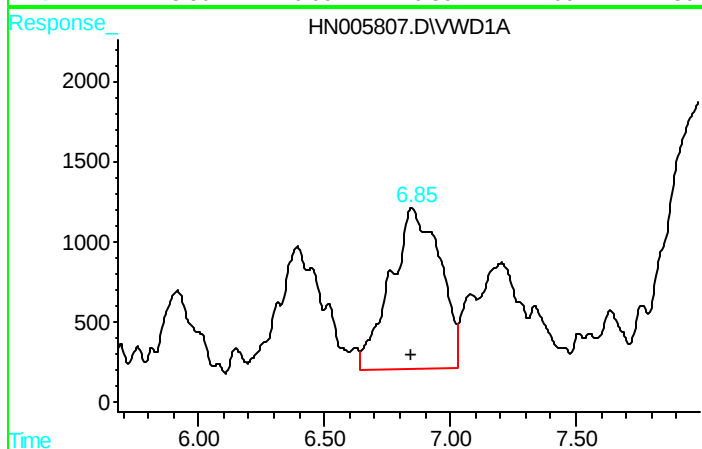
#9 2,4,6-Trinitrotoluene

R.T.: 6.393 min
Delta R.T.: 0.020 min
Response: 94301
Conc: 8.85 ug/L

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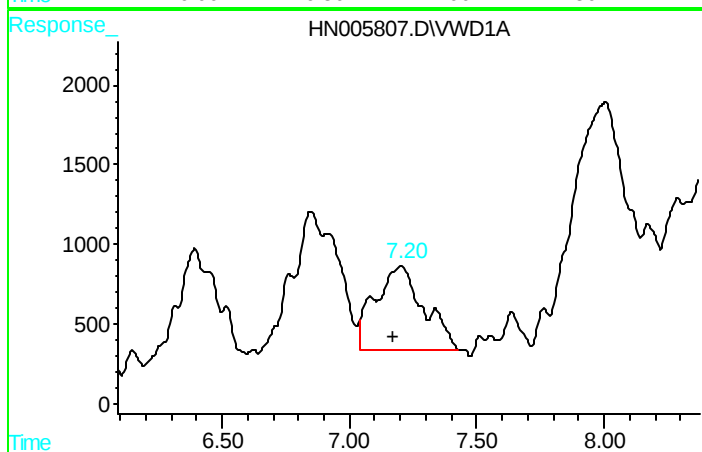
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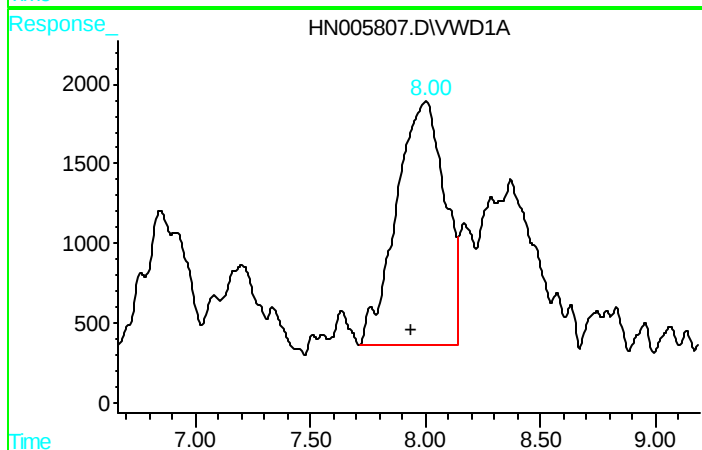
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.850 min
Delta R.T.: 0.005 min
Response: 136952
Conc: 11.98 ug/L



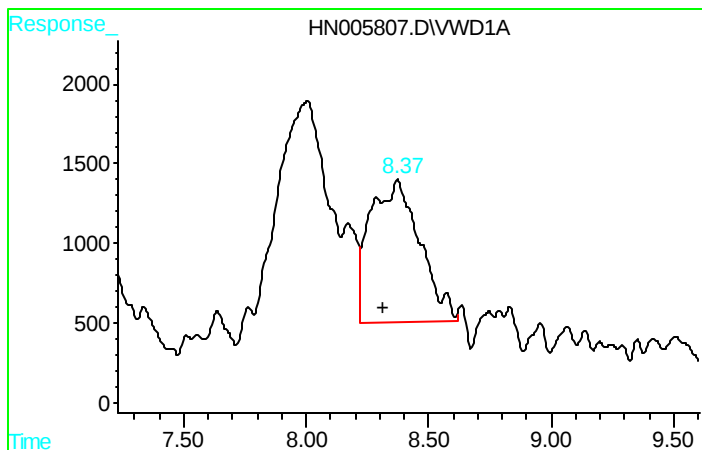
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.203 min
Delta R.T.: 0.034 min
Response: 69437
Conc: 12.01 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.003 min
Delta R.T.: 0.064 min
Response: 221061
Conc: 14.45 ug/L m



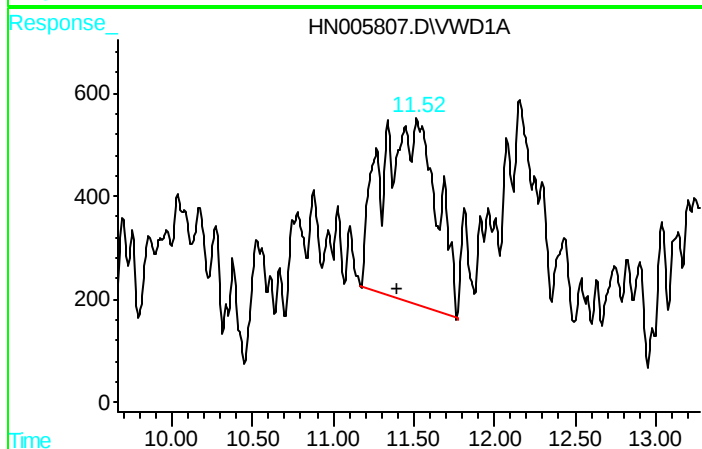
#13 2,6-Dinitrotoluene

R.T.: 8.373 min
Delta R.T.: 0.058 min
Response: 125453
Conc: 14.86 ug/L m

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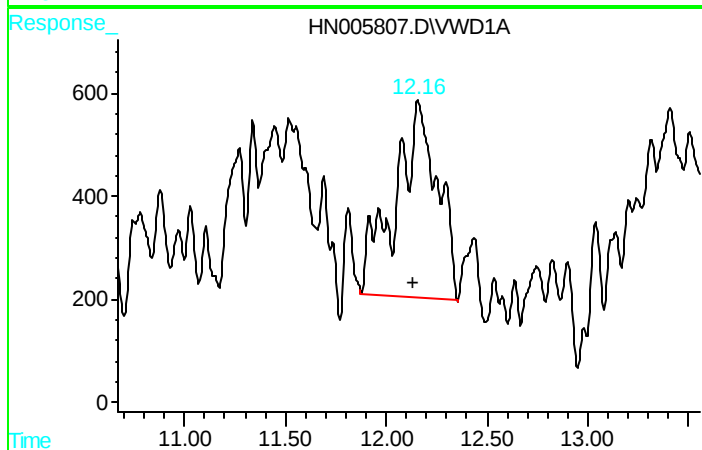
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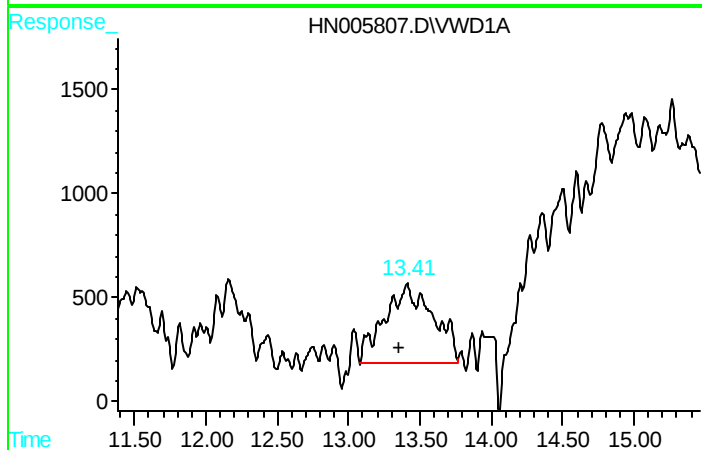
#14 2-Nitrotoluene

R.T.: 11.516 min
Delta R.T.: 0.125 min
Response: 83744
Conc: 12.65 ug/L m



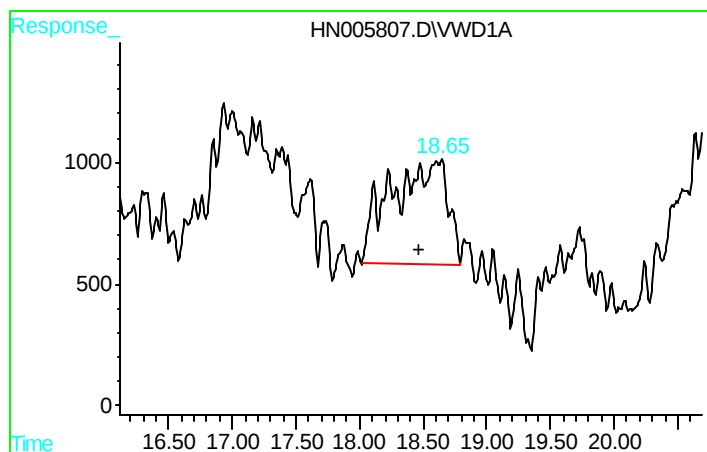
#15 4-Nitrotoluene

R.T.: 12.155 min
Delta R.T.: 0.021 min
Response: 55138
Conc: 10.32 ug/L m



#16 3-Nitrotoluene

R.T.: 13.409 min
Delta R.T.: 0.050 min
Response: 89280
Conc: 13.38 ug/L m



#17 PETN

R.T.: 18.646 min
Delta R.T.: 0.177 min
Response: 131851
Conc: 15.83 ug/L m

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