

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN111113\HN005698.D Vial: 23
 Acq On : 11-Nov-2013, 19:39 Operator: QM
 Sample : E4011-03 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 12 10:58 2013 Quant Results File: HN111113.RES

Instrument :
 HPLC_N
 ClientSampleId :
 LOD SOIL 2013-01

Manual Integrations
 APPROVED

QI
 11/12/2013 3:42:12 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
 Title :
 Last Update : Mon Nov 11 16:27:41 2013
 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	1.37	1178561	300.553 ug/L
Target Compounds			
2) T HMX	0.90	80256	19.883 ug/L m
3) T RDX	1.71	117348	21.051 ug/L
4) T 1,3,5-Trinitrobenzene	2.80	139461	13.408 ug/L
5) T 3,5-Dinitroaniline	3.70	376403	22.270 ng/ml
6) T 1,3-Dinitrobenzene	4.06	368597	26.689 ug/L
7) T Nitrobenzene	4.94	228193	22.009 ug/L m
8) T Tetryl	6.42	73801	10.530 ug/L m
9) T 2,4,6-Trinitrotoluene	6.98	183883	16.007 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.43	207766	19.315 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.81	124106	19.653 ug/L m
12) T 2,4-Dinitrotoluene	8.66	273502	18.563 ug/L m
13) T 2,6-Dinitrotoluene	9.05	144705	17.623 ug/L m
14) T 2-Nitrotoluene	12.49	153240	23.910 ug/L m
15) T 4-Nitrotoluene	13.37	121057	23.328 ug/L m
16) T 3-Nitrotoluene	14.67	590824	30.029 ug/L m
17) T PETN	20.30	71043	7.660 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.

HN005698.D HN111113.M

Tue Nov 12 15:23:47 2013

RPT1

Quantitation Report

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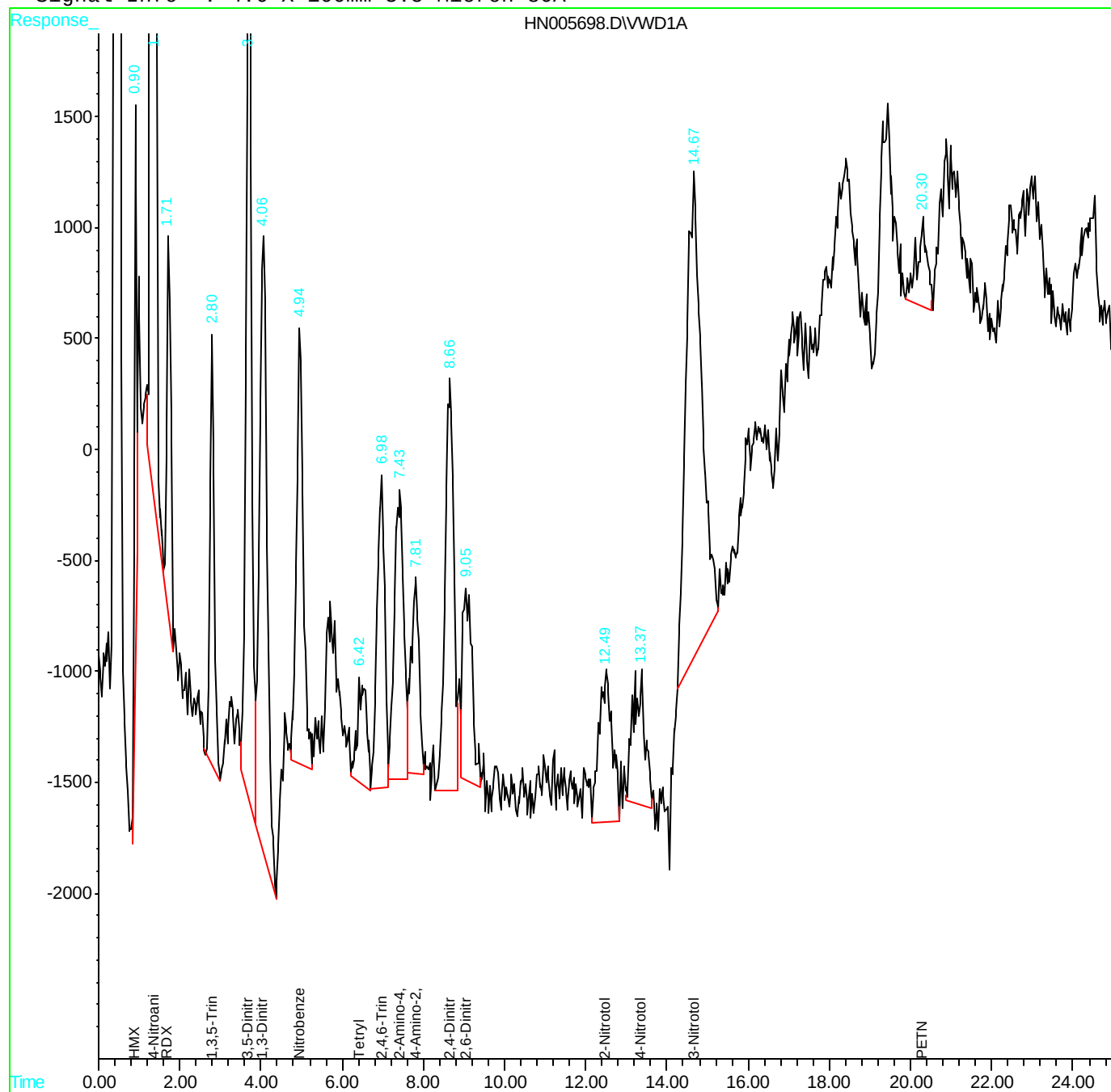
Instrument :
HPLC_N
ClientSampled :
LOD SOIL 2013-01

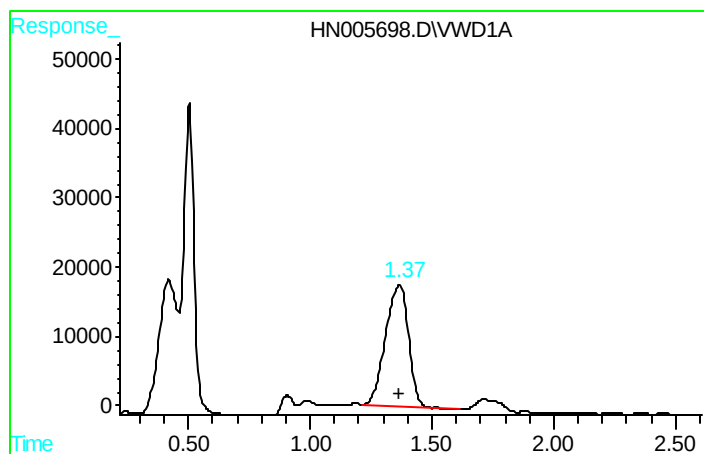
Manual Integrations
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11/12/2013 3:42:12 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
Title :
Last Update : Mon Nov 11 16:27:41 2013
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





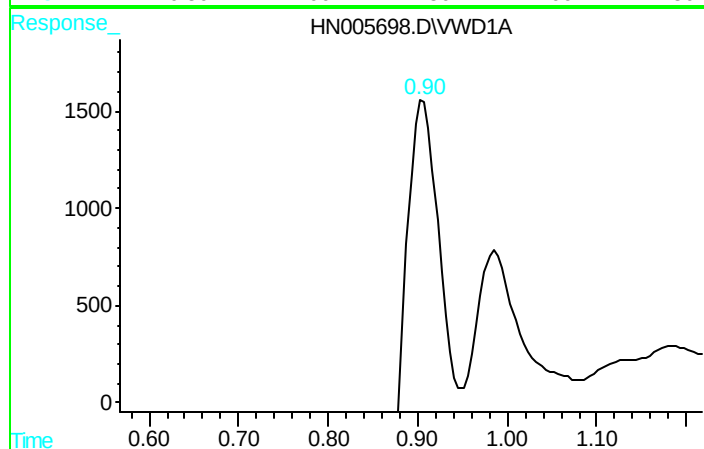
#1 4-Nitroaniline

R.T.: 1.367 min
Delta R.T.: 0.007 min
Response: 1178561
Conc: 300.55 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOD SOIL 2013-01

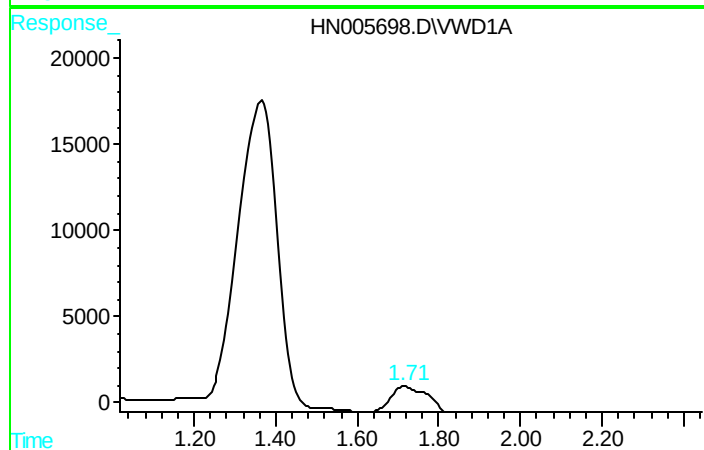
Manual Integrations
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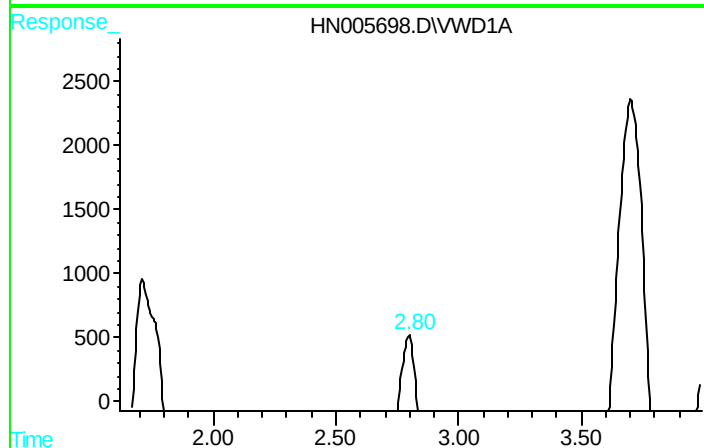
#2 HMX

R.T.: 0.902 min
Delta R.T.: 0.000 min
Response: 80256
Conc: 19.88 ug/L m



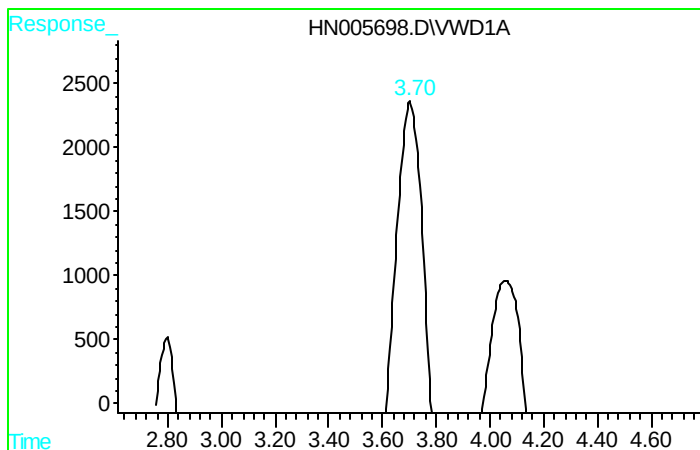
#3 RDX

R.T.: 1.714 min
Delta R.T.: 0.012 min
Response: 117348
Conc: 21.05 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.799 min
Delta R.T.: 0.026 min
Response: 139461
Conc: 13.41 ug/L



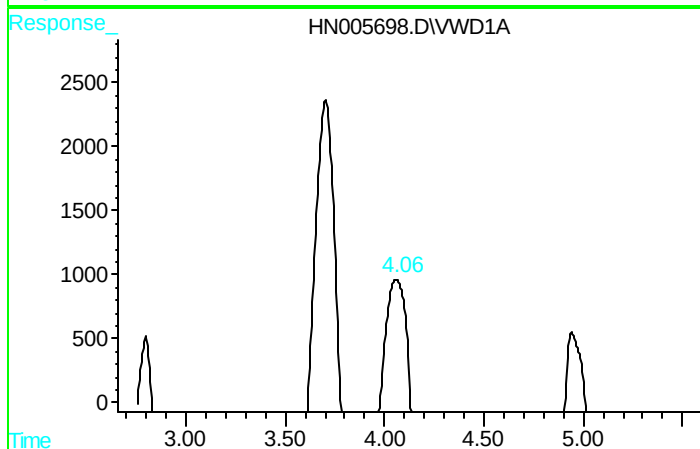
#5 3,5-Dinitroaniline

R.T.: 3.703 min
Delta R.T.: 0.033 min
Response: 376403
Conc: 22.27 ng/ml

Instrument :
HPLC_N
ClientSampleId :
LOD SOIL 2013-01

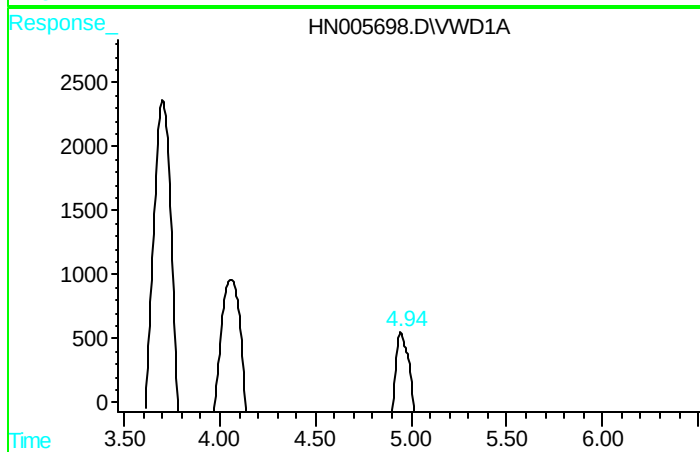
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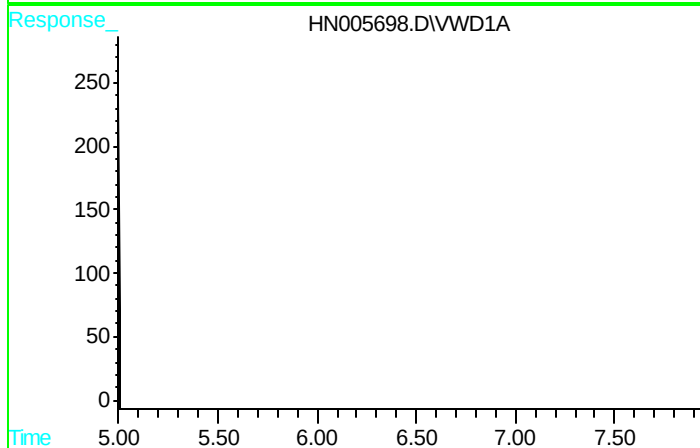
#6 1,3-Dinitrobenzene

R.T.: 4.058 min
Delta R.T.: 0.032 min
Response: 368597
Conc: 26.69 ug/L



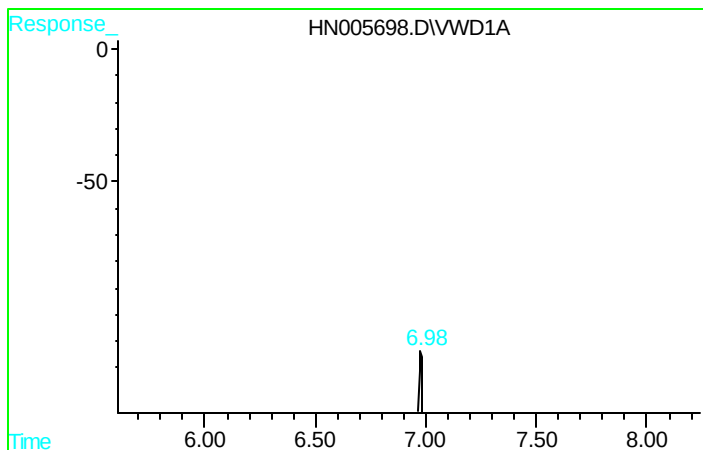
#7 Nitrobenzene

R.T.: 4.943 min
Delta R.T.: 0.021 min
Response: 228193
Conc: 22.01 ug/L m



#8 Tetryl

R.T.: 6.416 min
Delta R.T.: -0.142 min
Response: 73801
Conc: 10.53 ug/L m



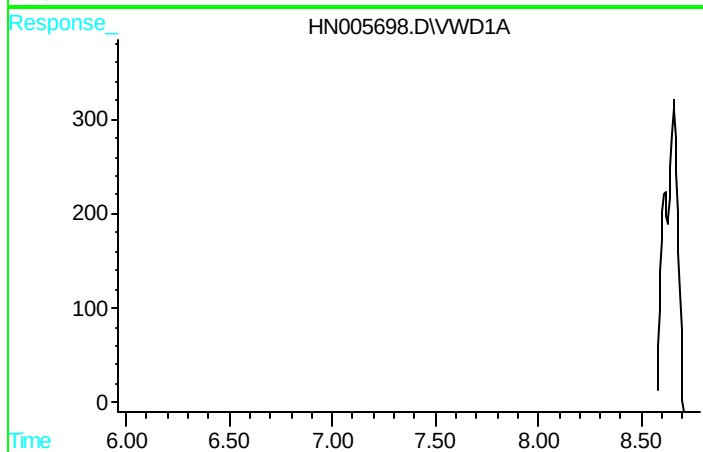
#9 2,4,6-Trinitrotoluene

R.T.: 6.976 min
Delta R.T.: 0.097 min
Response: 183883
Conc: 16.01 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOD SOIL 2013-01

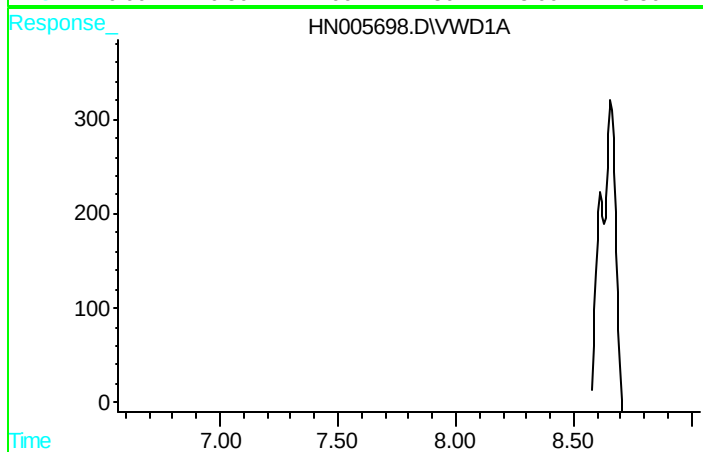
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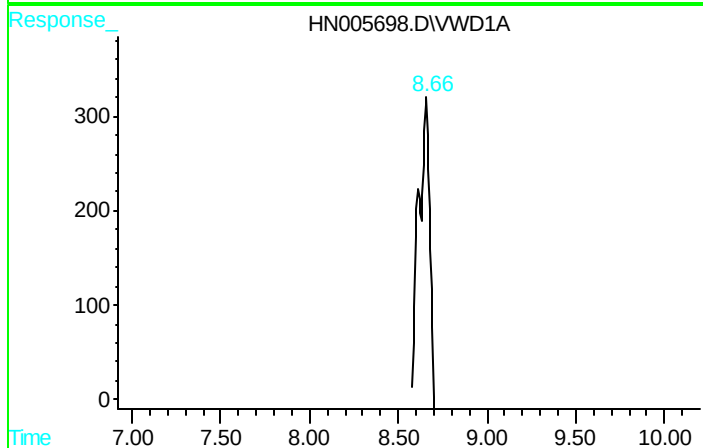
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.429 min
Delta R.T.: 0.095 min
Response: 207766
Conc: 19.32 ug/L m



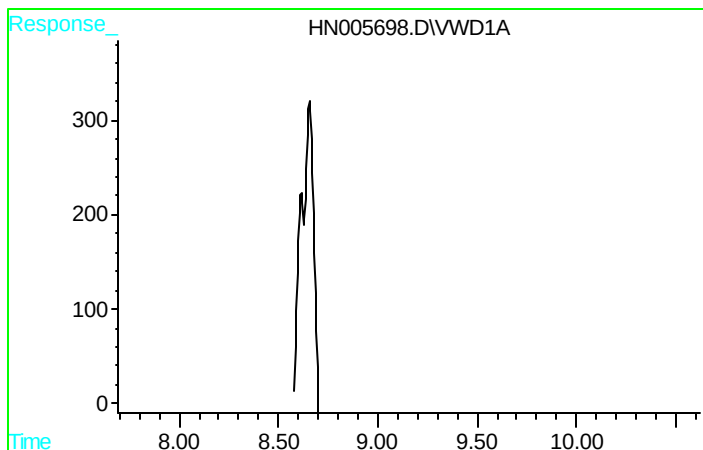
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.815 min
Delta R.T.: 0.091 min
Response: 124106
Conc: 19.65 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.657 min
Delta R.T.: 0.095 min
Response: 273502
Conc: 18.56 ug/L m



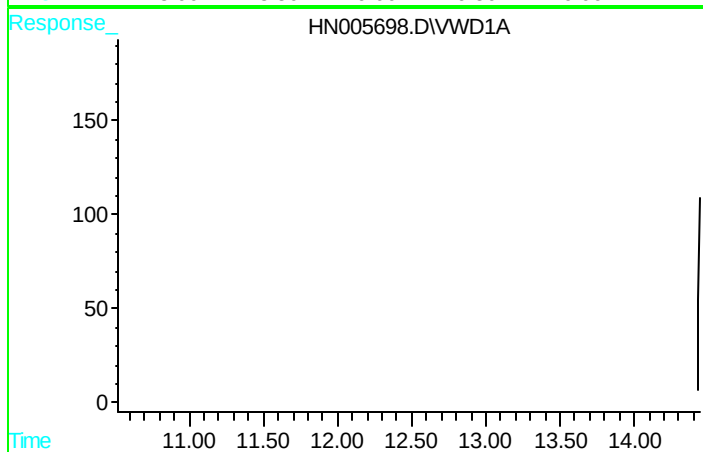
#13 2,6-Dinitrotoluene

R.T.: 9.048 min
Delta R.T.: 0.061 min
Response: 144705
Conc: 17.62 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOD SOIL 2013-01

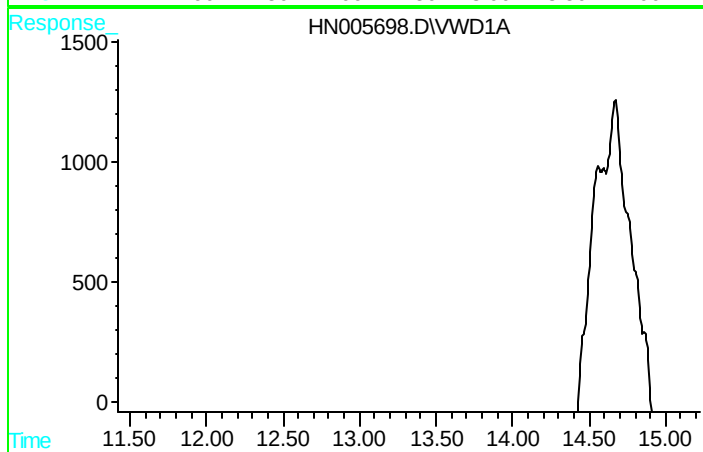
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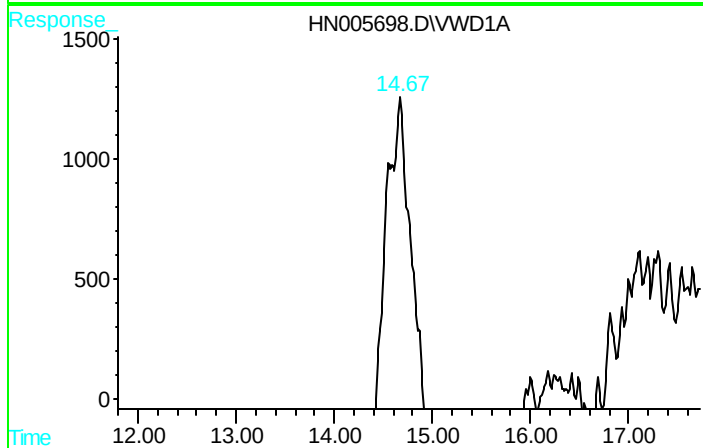
#14 2-Nitrotoluene

R.T.: 12.490 min
Delta R.T.: 0.136 min
Response: 153240
Conc: 23.91 ug/L m



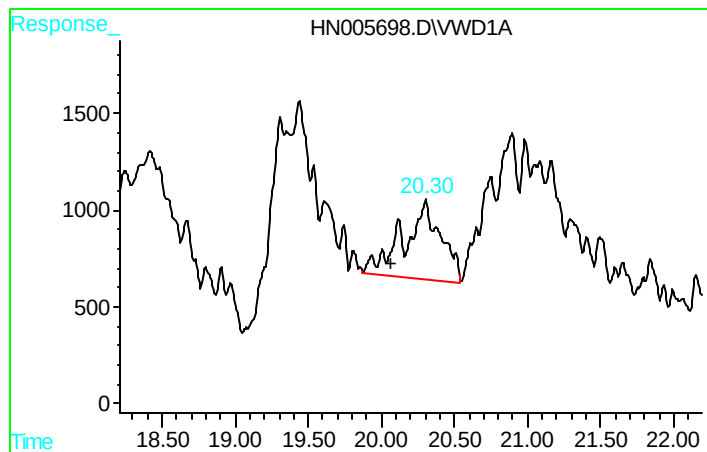
#15 4-Nitrotoluene

R.T.: 13.372 min
Delta R.T.: 0.218 min
Response: 121057
Conc: 23.33 ug/L m



#16 3-Nitrotoluene

R.T.: 14.671 min
Delta R.T.: 0.191 min
Response: 590824
Conc: 30.03 ug/L m



#17 PETN

R.T.: 20.303 min
Delta R.T.: 0.239 min
Response: 71043
Conc: 7.66 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOD SOIL 2013-01

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