

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL053113\HL005353.D Vial: 13
 Acq On : 31-May-2013, 23:52 Operator: QM
 Sample : TEST-W-01 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jun 3 14:48 2013 Quant Results File: HL053013.RES

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL053013.M
 Title :
 Last Update : Fri May 31 16:54:32 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	1.29	125221	30.082 ug/L
Target Compounds			
2) T HMX	0.87	412600	94.885 ug/L
3) T RDX	1.68	237619	46.016 ug/L
4) T 1,3,5-Trinitrobenzene	2.63	664299	60.666 ug/L
5) T 1,3-Dinitrobenzene	3.51	1128518	70.322 ng/ml
6) T 3,5-Dinitroaniline	3.86	1422821	104.842 ug/L
7) T Nitrobenzene	4.71	709196	70.675 ug/L
8) T Tetryl	6.16	713102	97.979 ug/L
9) T 2,4,6-Trinitrotoluene	6.43	1491959	126.487 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.93	1553359	132.303 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.28	1095020	174.298 ug/L
12) T 2,4-Dinitrotoluene	8.03	2184076	138.463 ug/L
13) T 2,6-Dinitrotoluene	8.42	1311402	155.422 ug/L
14) T 2-Nitrotoluene	11.58	960361	144.595 ug/L
15) T 4-Nitrotoluene	12.30	808946	147.894 ug/L
16) T 3-Nitrotoluene	13.52	995207	142.017 ug/L
17) T PETN	18.91	3770362	422.721 ug/L

 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 #:_____

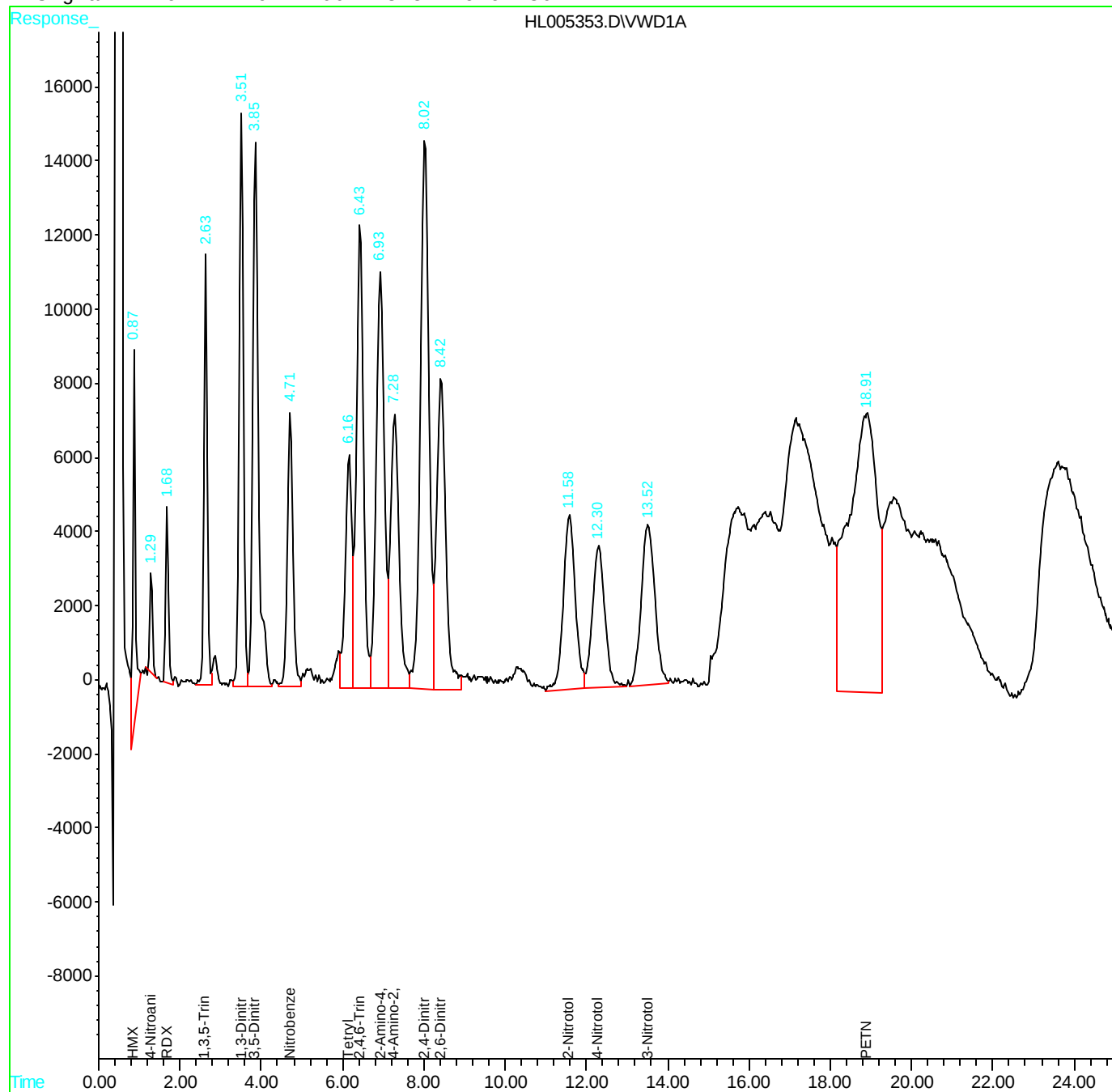
(f)=RT Delta > 1/2 Window (m)=manual int.

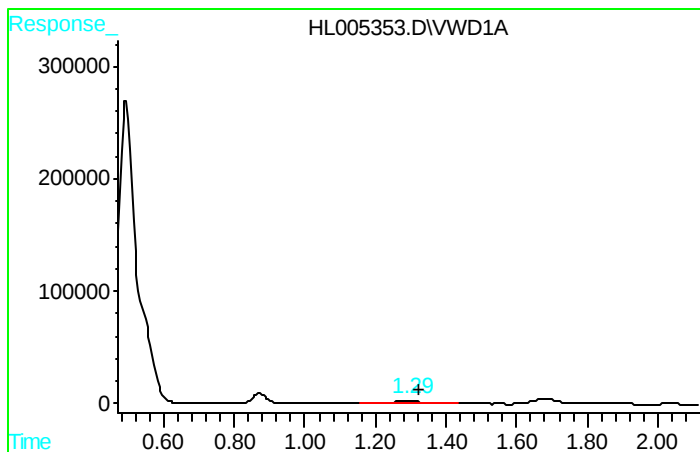
Quantitation Report

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL053113\HL005353.D Vial: 13
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL053013.M
 Title :
 Last Update : Fri May 31 16:54:32 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

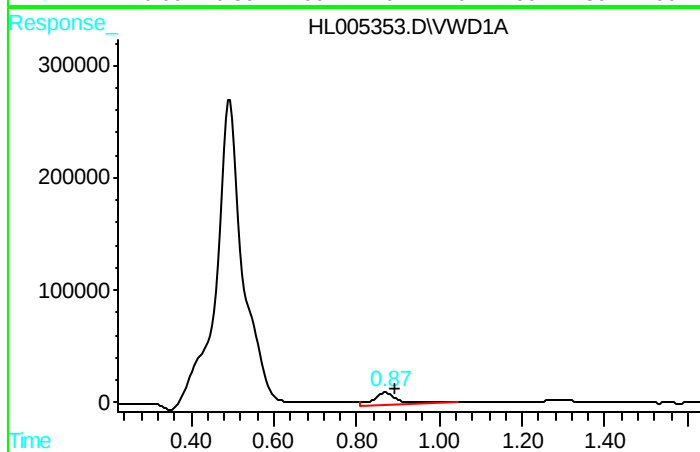
Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A





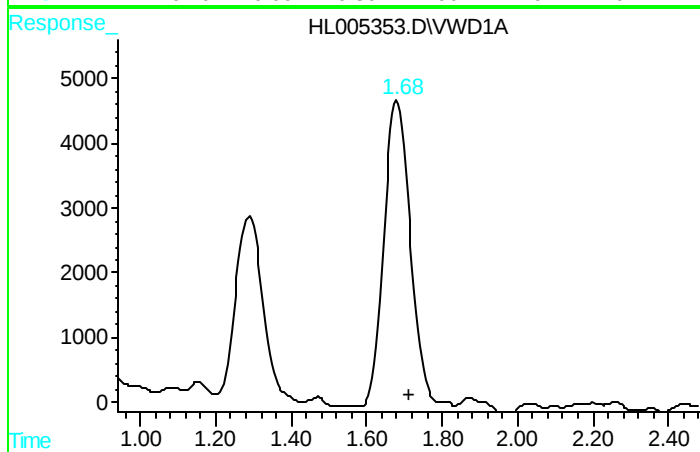
#1 4-Nitroaniline

R.T.: 1.290 min
 Delta R.T.: -0.032 min
 Response: 125221
 Conc: 30.08 ug/L



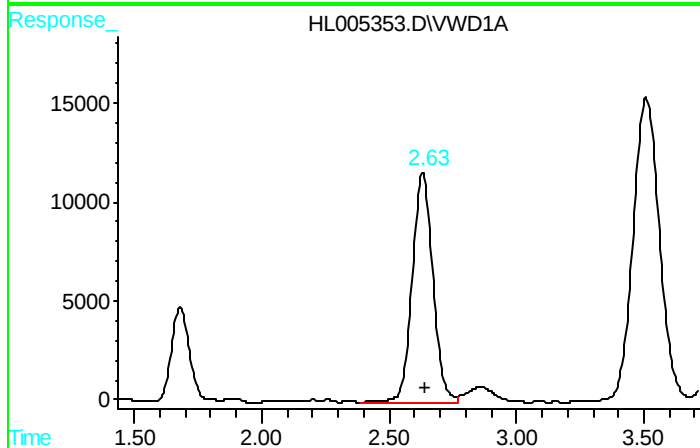
#2 HMX

R.T.: 0.873 min
 Delta R.T.: -0.021 min
 Response: 412600
 Conc: 94.89 ug/L



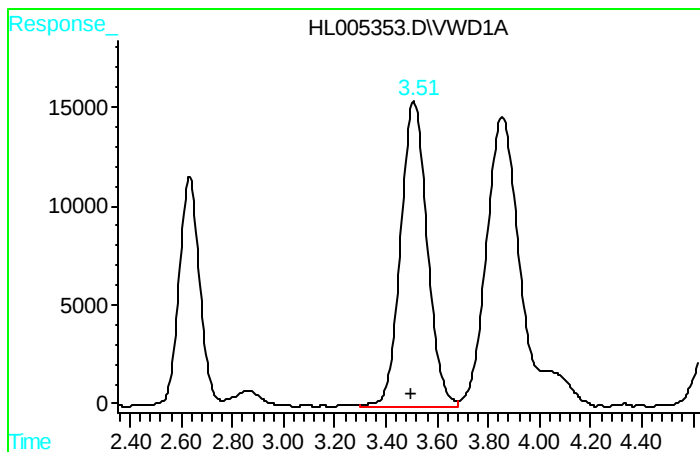
#3 RDX

R.T.: 1.681 min
 Delta R.T.: -0.032 min
 Response: 237619
 Conc: 46.02 ug/L

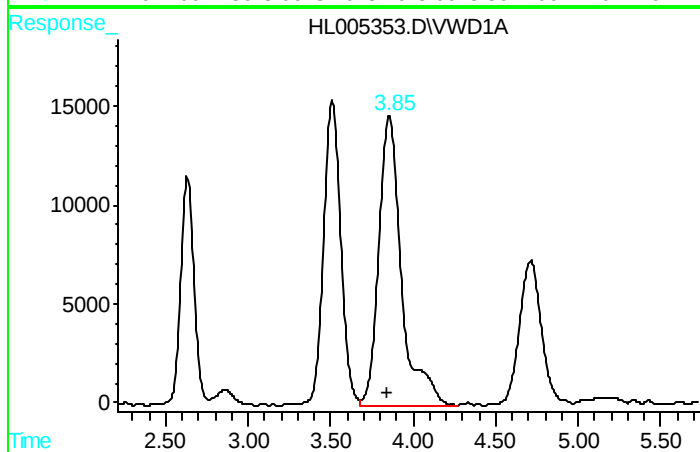


#4 1,3,5-Trinitrobenzene

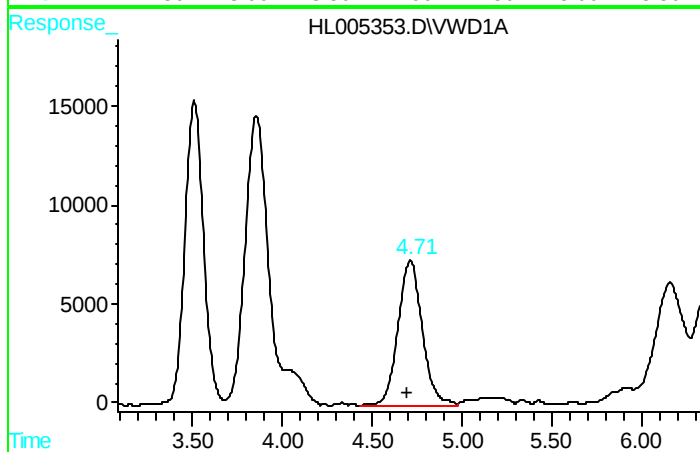
R.T.: 2.633 min
 Delta R.T.: -0.011 min
 Response: 664299
 Conc: 60.67 ug/L



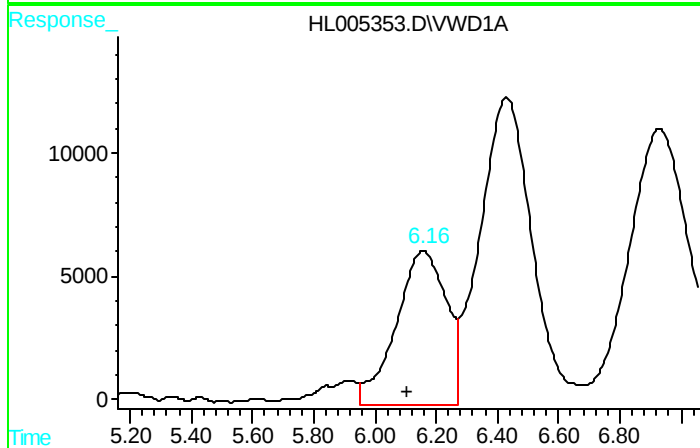
#5 1,3-Dinitrobenzene
 R.T.: 3.510 min
 Delta R.T.: 0.011 min
 Response: 1128518
 Conc: 70.32 ng/ml



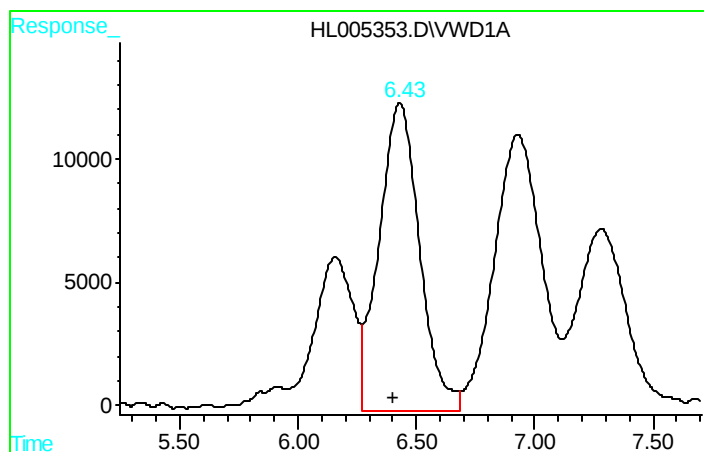
#6 3,5-Dinitroaniline
 R.T.: 3.856 min
 Delta R.T.: 0.018 min
 Response: 1422821
 Conc: 104.84 ug/L



#7 Nitrobenzene
 R.T.: 4.713 min
 Delta R.T.: 0.018 min
 Response: 709196
 Conc: 70.67 ug/L

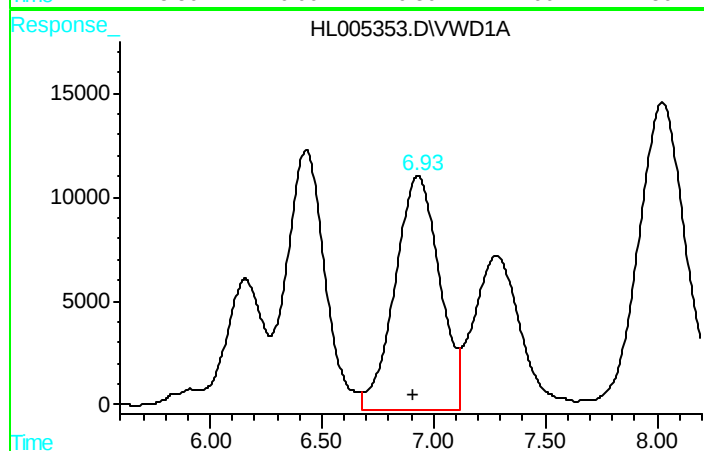


#8 Tetryl
 R.T.: 6.159 min
 Delta R.T.: 0.052 min
 Response: 713102
 Conc: 97.98 ug/L



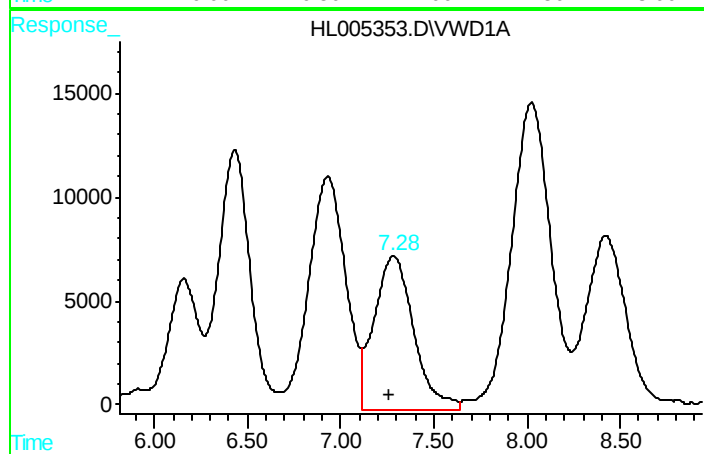
#9 2,4,6-Trinitrotoluene

R.T.: 6.431 min
Delta R.T.: 0.033 min
Response: 1491959
Conc: 126.49 ug/L



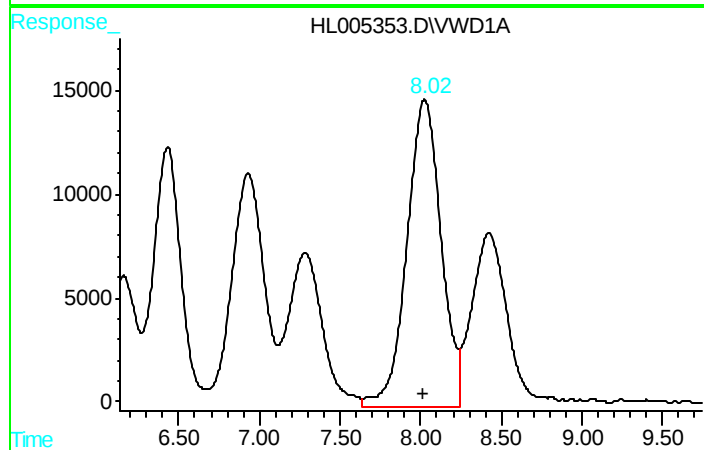
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.931 min
Delta R.T.: 0.024 min
Response: 1553359
Conc: 132.30 ug/L



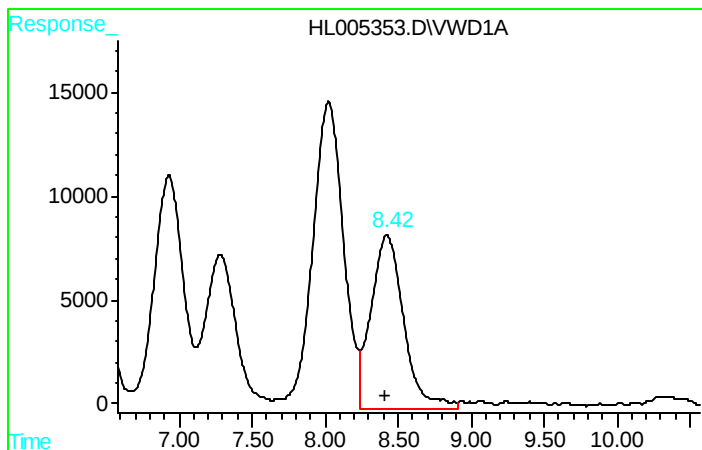
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.283 min
Delta R.T.: 0.021 min
Response: 1095020
Conc: 174.30 ug/L



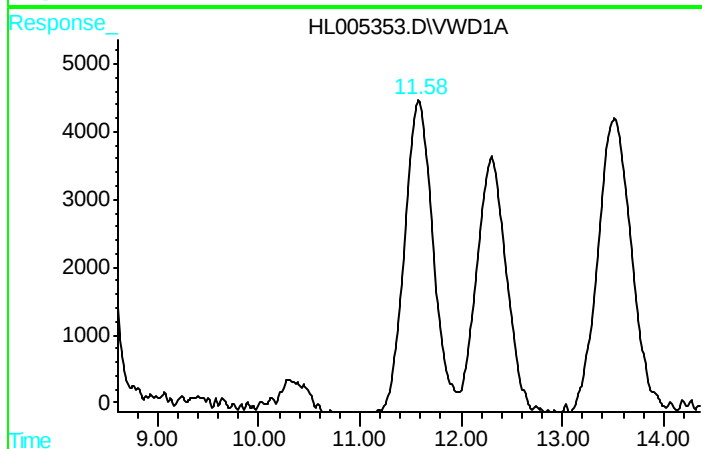
#12 2,4-Dinitrotoluene

R.T.: 8.025 min
Delta R.T.: 0.013 min
Response: 2184076
Conc: 138.46 ug/L



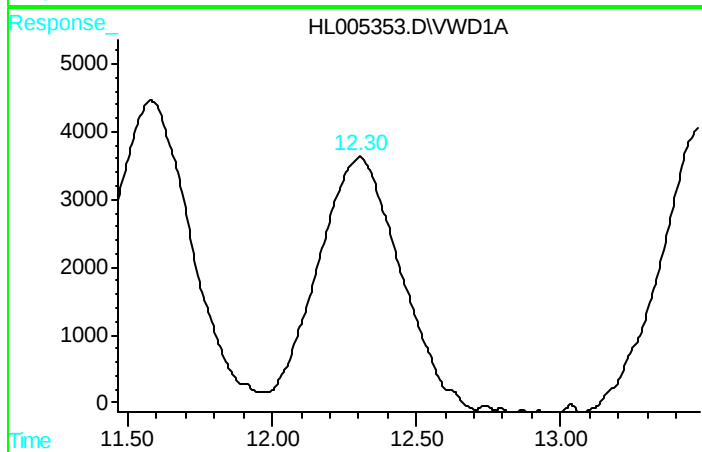
#13 2,6-Dinitrotoluene

R.T.: 8.423 min
Delta R.T.: 0.009 min
Response: 1311402
Conc: 155.42 ug/L



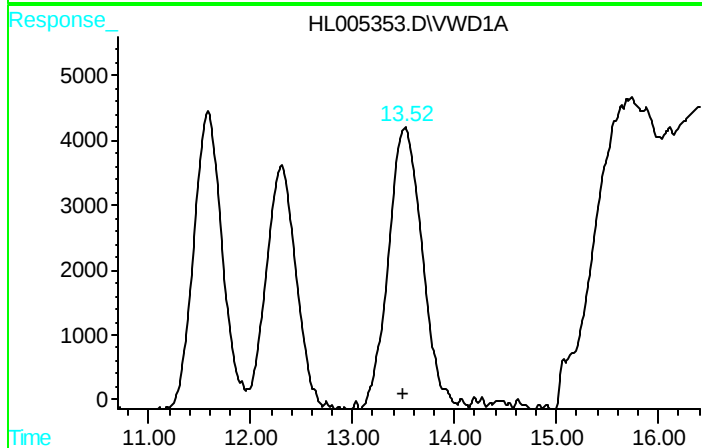
#14 2-Nitrotoluene

R.T.: 11.582 min
Delta R.T.: 0.037 min
Response: 960361
Conc: 144.60 ug/L



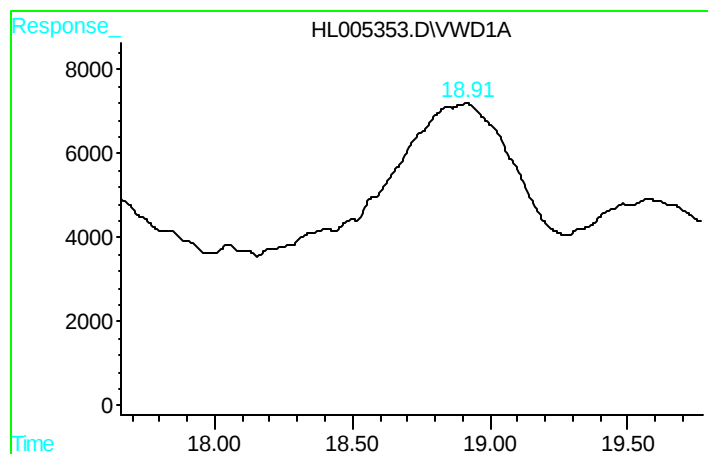
#15 4-Nitrotoluene

R.T.: 12.304 min
Delta R.T.: 0.041 min
Response: 808946
Conc: 147.89 ug/L



#16 3-Nitrotoluene

R.T.: 13.515 min
Delta R.T.: 0.018 min
Response: 995207
Conc: 142.02 ug/L



#17 PETN

R.T.: 18.909 min
Delta R.T.: 0.023 min
Response: 3770362
Conc: 422.72 ug/L