

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL060613\HL005411.D Vial: 42
 Acq On : 06-Jun-2013, 13:49 Operator: QM
 Sample : E2197-01MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jun 6 15:23 2013 Quant Results File: HL060413.RES

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL060413.M
 Title :
 Last Update : Tue Jun 04 16:52:57 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	1.31	651419	168.462 ug/L
Target Compounds			
2) T HMX	0.89	567479	126.077 ug/L
3) T RDX	1.70	743239	157.103 ug/L
4) T 1,3,5-Trinitrobenzene	2.64	1400980	124.143 ug/L
5) T 1,3-Dinitrobenzene	3.49	2071660	134.783 ng/ml
6) T 3,5-Dinitroaniline	3.83	1636194	121.176 ug/L
7) T Nitrobenzene	4.67	1289301	130.741 ug/L
8) T Tetryl	6.09	783646	98.874 ug/L
9) T 2,4,6-Trinitrotoluene	6.36	1672480	147.125 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.86	1350484	120.734 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.22	821318	134.942 ug/L
12) T 2,4-Dinitrotoluene	7.96	2068067	141.606 ug/L
13) T 2,6-Dinitrotoluene	8.35	1195515	153.731 ug/L
14) T 2-Nitrotoluene	11.56	900358	135.521 ug/L
15) T 4-Nitrotoluene	12.30	810580	149.273 ug/L
16) T 3-Nitrotoluene	13.52	971331	134.855 ug/L
17) T PETN	19.00	4855194	510.725 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.

HL005411.D HL060413.M

Thu Jun 06 15:23:07 2013

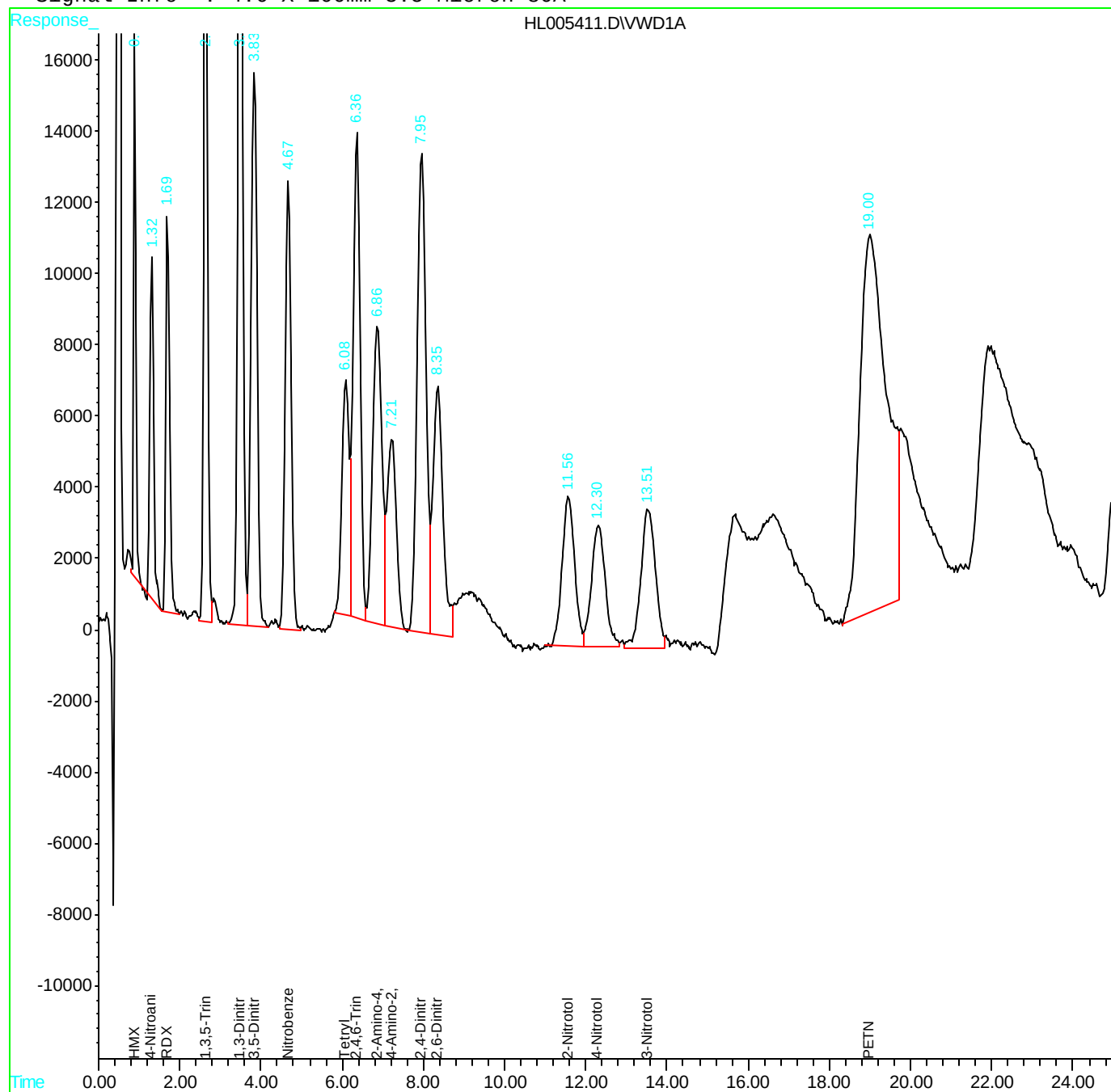
RPT1

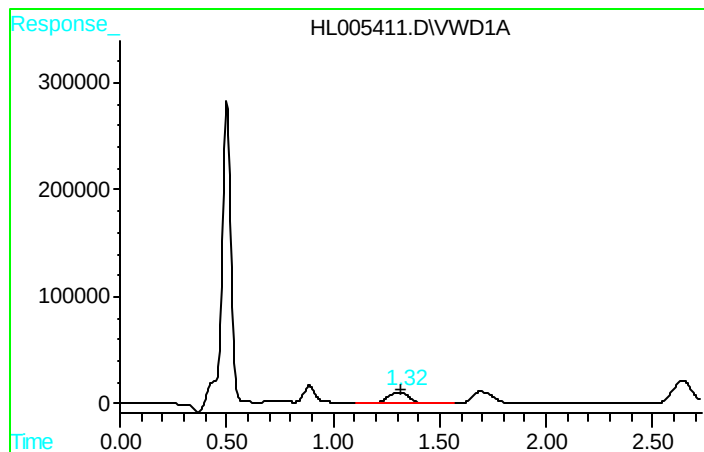
Quantitation Report

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL060613\HL005411.D Vial: 42
Acq On : 06-Jun-2013, 13:49 Operator: QM
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL060413.M
Title :
Last Update : Tue Jun 04 16:52:57 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

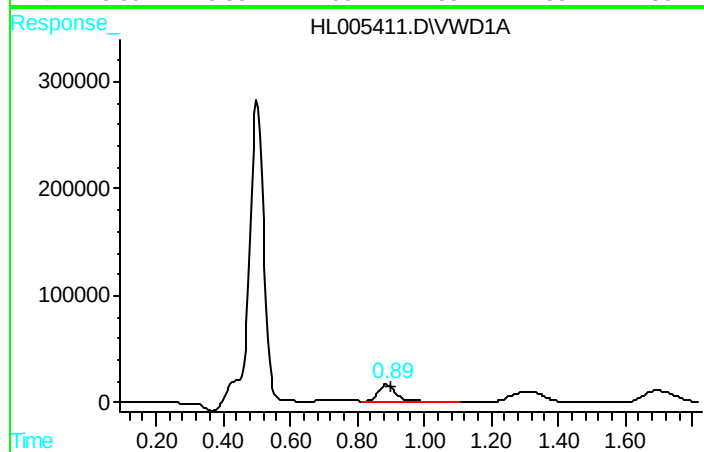
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





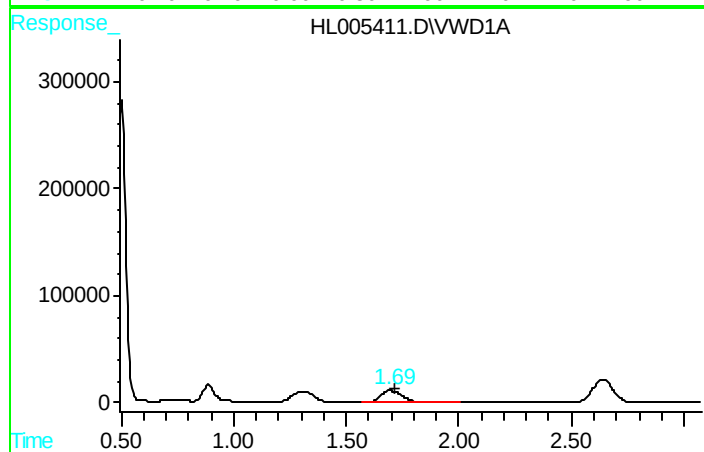
#1 4-Nitroaniline

R.T.: 1.314 min
Delta R.T.: -0.009 min
Response: 651419
Conc: 168.46 ug/L



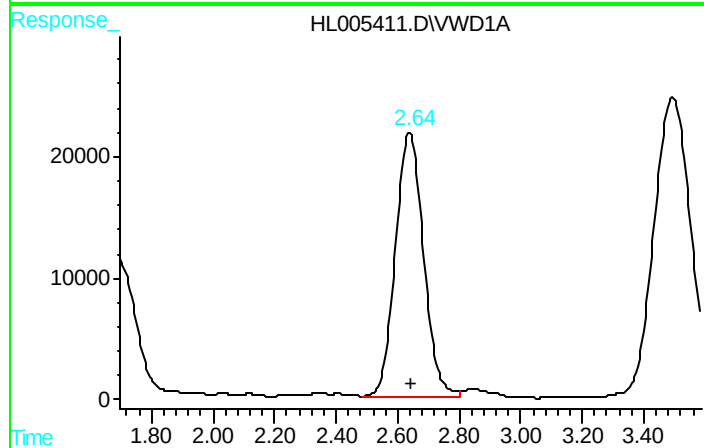
#2 HMX

R.T.: 0.890 min
Delta R.T.: -0.008 min
Response: 567479
Conc: 126.08 ug/L



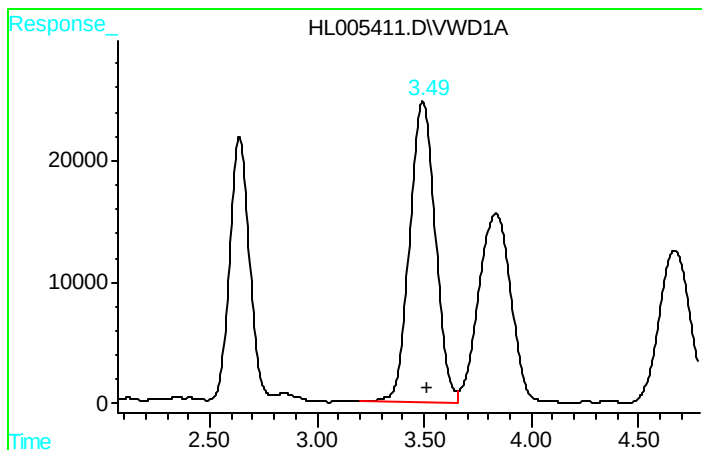
#3 RDX

R.T.: 1.696 min
Delta R.T.: -0.022 min
Response: 743239
Conc: 157.10 ug/L



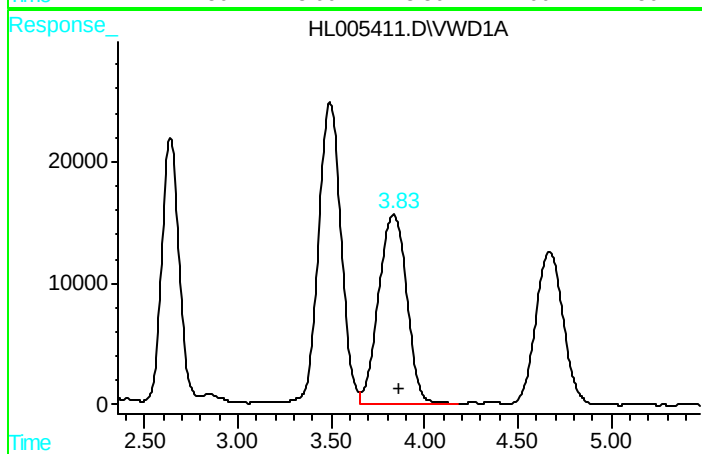
#4 1,3,5-Trinitrobenzene

R.T.: 2.640 min
Delta R.T.: -0.006 min
Response: 1400980
Conc: 124.14 ug/L



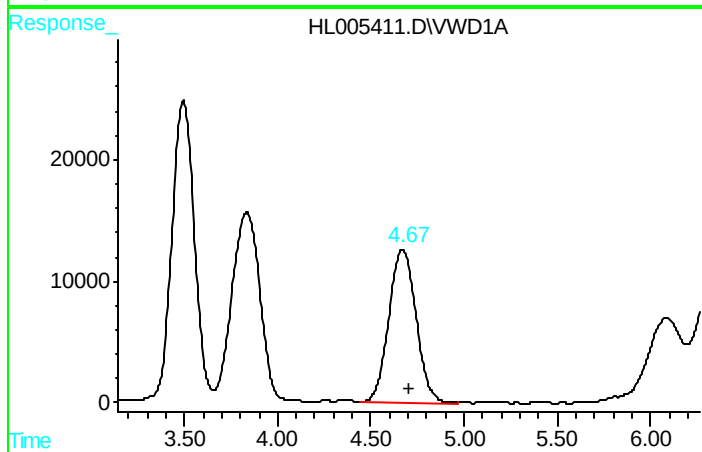
#5 1,3-Dinitrobenzene

R.T.: 3.495 min
Delta R.T.: -0.022 min
Response: 2071660
Conc: 134.78 ng/ml



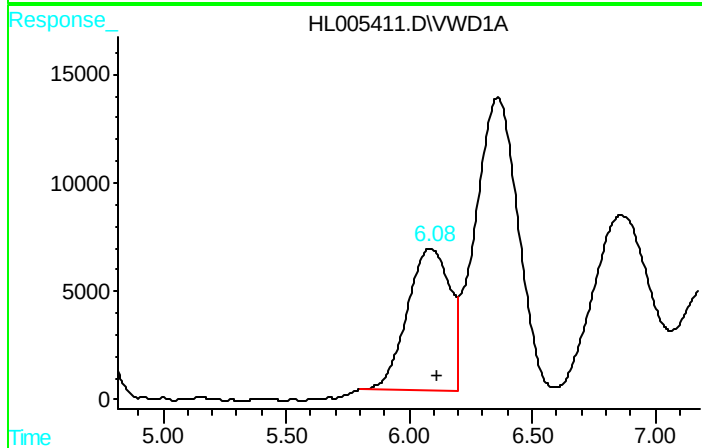
#6 3,5-Dinitroaniline

R.T.: 3.835 min
Delta R.T.: -0.032 min
Response: 1636194
Conc: 121.18 ug/L



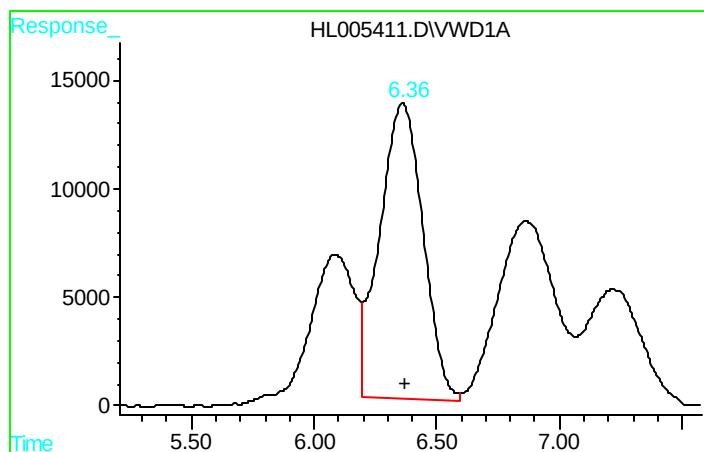
#7 Nitrobenzene

R.T.: 4.671 min
Delta R.T.: -0.038 min
Response: 1289301
Conc: 130.74 ug/L



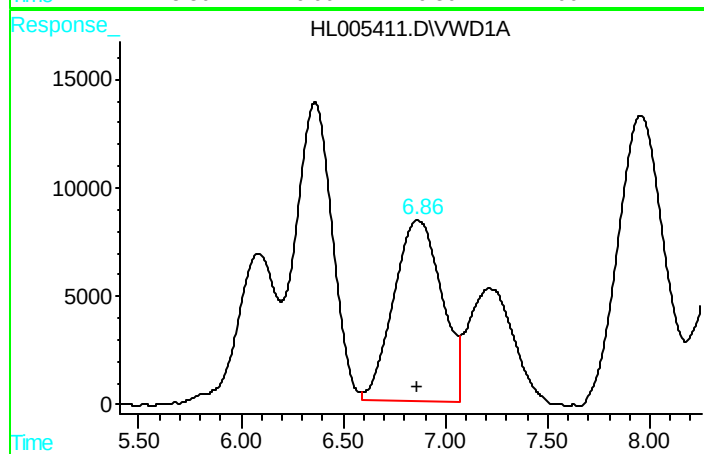
#8 Tetryl

R.T.: 6.088 min
Delta R.T.: -0.025 min
Response: 783646
Conc: 98.87 ug/L



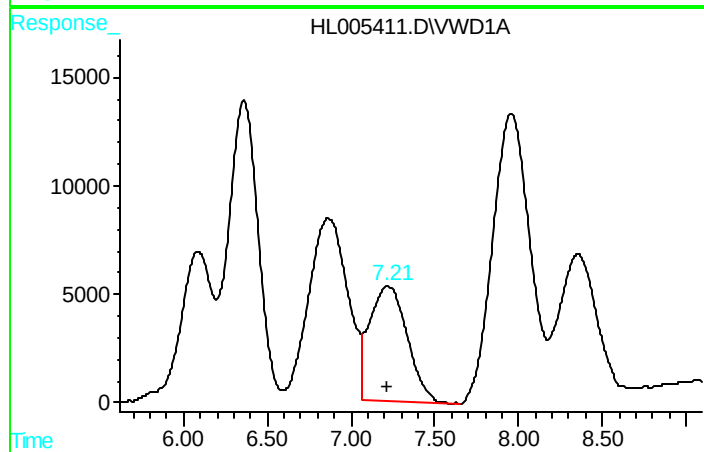
#9 2,4,6-Trinitrotoluene

R.T.: 6.361 min
Delta R.T.: -0.012 min
Response: 1672480
Conc: 147.13 ug/L



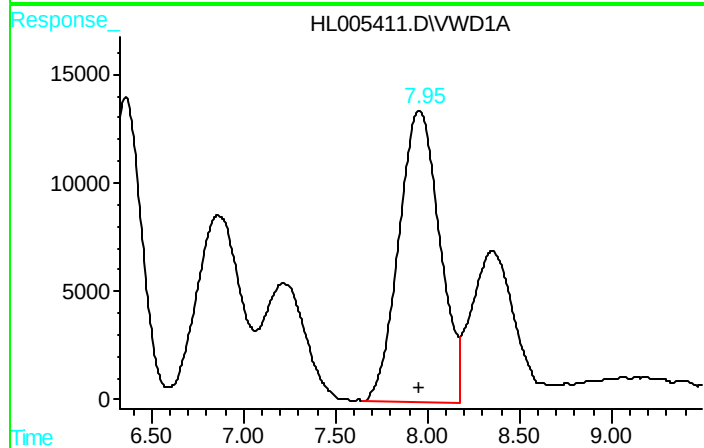
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 1350484
Conc: 120.73 ug/L



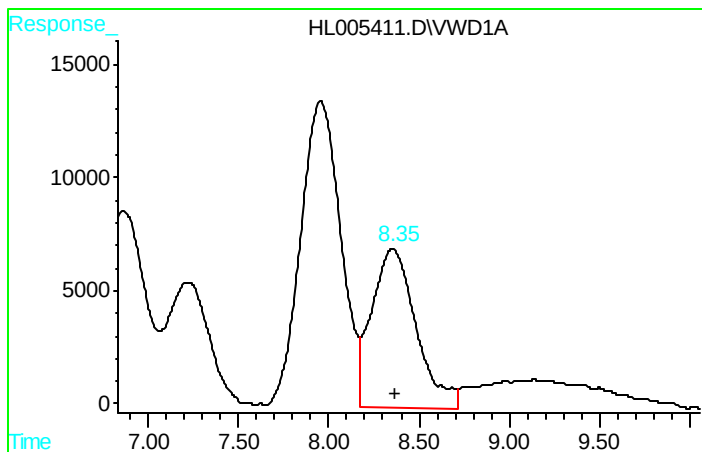
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.221 min
Delta R.T.: 0.013 min
Response: 821318
Conc: 134.94 ug/L



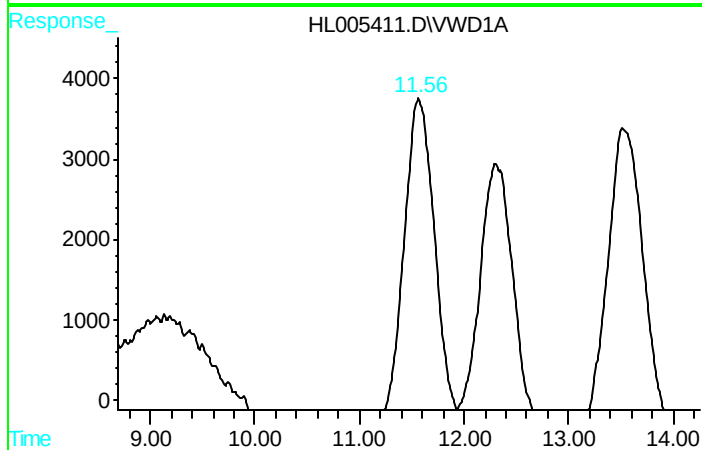
#12 2,4-Dinitrotoluene

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 2068067
Conc: 141.61 ug/L



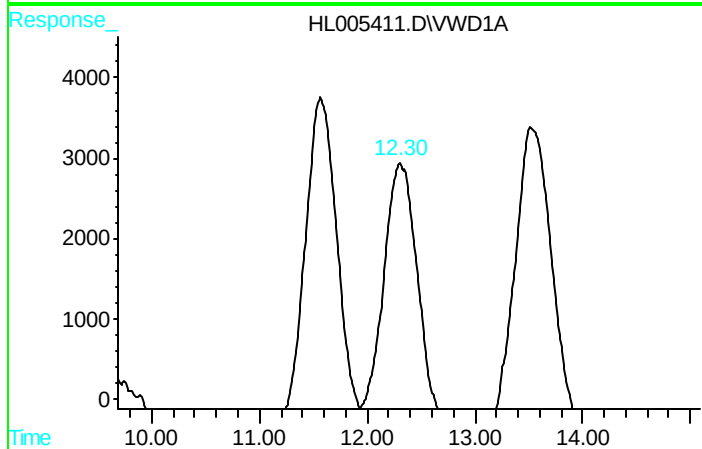
#13 2,6-Dinitrotoluene

R.T.: 8.353 min
Delta R.T.: -0.008 min
Response: 1195515
Conc: 153.73 ug/L



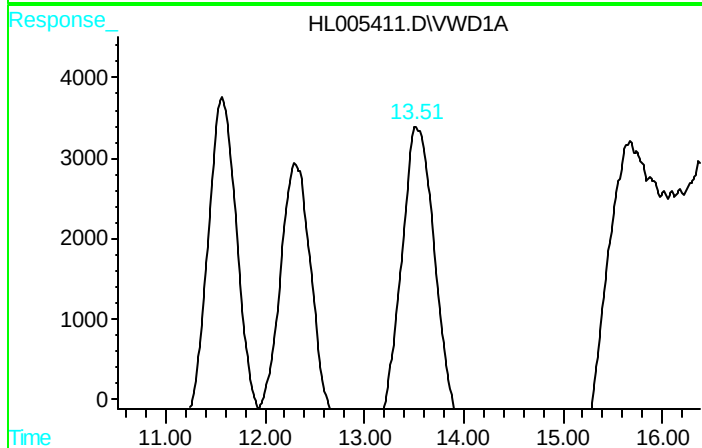
#14 2-Nitrotoluene

R.T.: 11.565 min
Delta R.T.: -0.006 min
Response: 900358
Conc: 135.52 ug/L



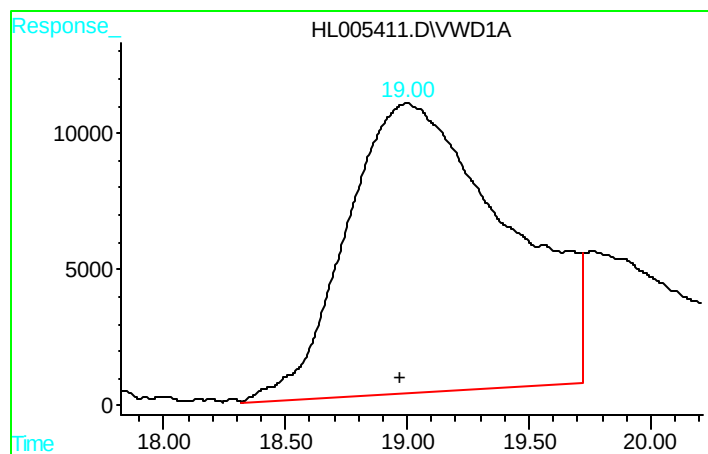
#15 4-Nitrotoluene

R.T.: 12.303 min
Delta R.T.: 0.003 min
Response: 810580
Conc: 149.27 ug/L



#16 3-Nitrotoluene

R.T.: 13.519 min
Delta R.T.: -0.027 min
Response: 971331
Conc: 134.86 ug/L



#17 PETN

R.T.: 18.996 min
Delta R.T.: 0.028 min
Response: 4855194
Conc: 510.73 ug/L