

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL122314\HL006044.D Vial: 8
 Acq On : 23-Dec-2014, 23:26 Operator: TP/IZ
 Sample : LOQ-SOIL-400ML Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Dec 29 17:13 2014 Quant Results File: HL122314.RES

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL122314.M
 Title :
 Last Update : Mon Dec 29 17:03:53 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330CONF.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	2.50f	4767464	373.509 ug/L m
Target Compounds				
2) T	HMX	1.48f	1209377	238.343 ug/L m
3) T	RDX	2.51	4955571	394.704 ug/L
4) T	1,3,5-Trinitrobenzene	4.32	3424625	256.666 ug/L m
5) T	1,3-Dinitrobenzene	5.70	5031703	259.504 ng/mlm
6) T	3,5-Dinitroaniline	6.54f	3665818	255.338 ug/L m
7) T	Nitrobenzene	7.33f	2955934	250.474 ug/L m
8) T	Tetryl	9.72	1684074	230.290 ug/L m
9) T	2,4,6-Trinitrotoluene	10.29	5361995	401.441 ug/L m
10) T	2-Amino-4,6-dinitrotoluene	11.58	3186182	235.174 ug/L m
11) T	4-Amino-2,6-dinitrotoluene	12.14	2127789	233.731 ug/L m
12) T	2,4-Dinitrotoluene	13.04	4543855	212.773 ug/L m
13) T	2,6-Dinitrotoluene	13.45	2344024	228.093 ug/L m
14) T	2-Nitrotoluene	18.01	1679056	192.859 ug/L m
15) T	4-Nitrotoluene	19.60	1532714	230.434 ug/L
16) T	3-Nitrotoluene	21.21	2043489	215.020 ug/L
17) T	PETN	22.64	2598822	286.709 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 #:_____

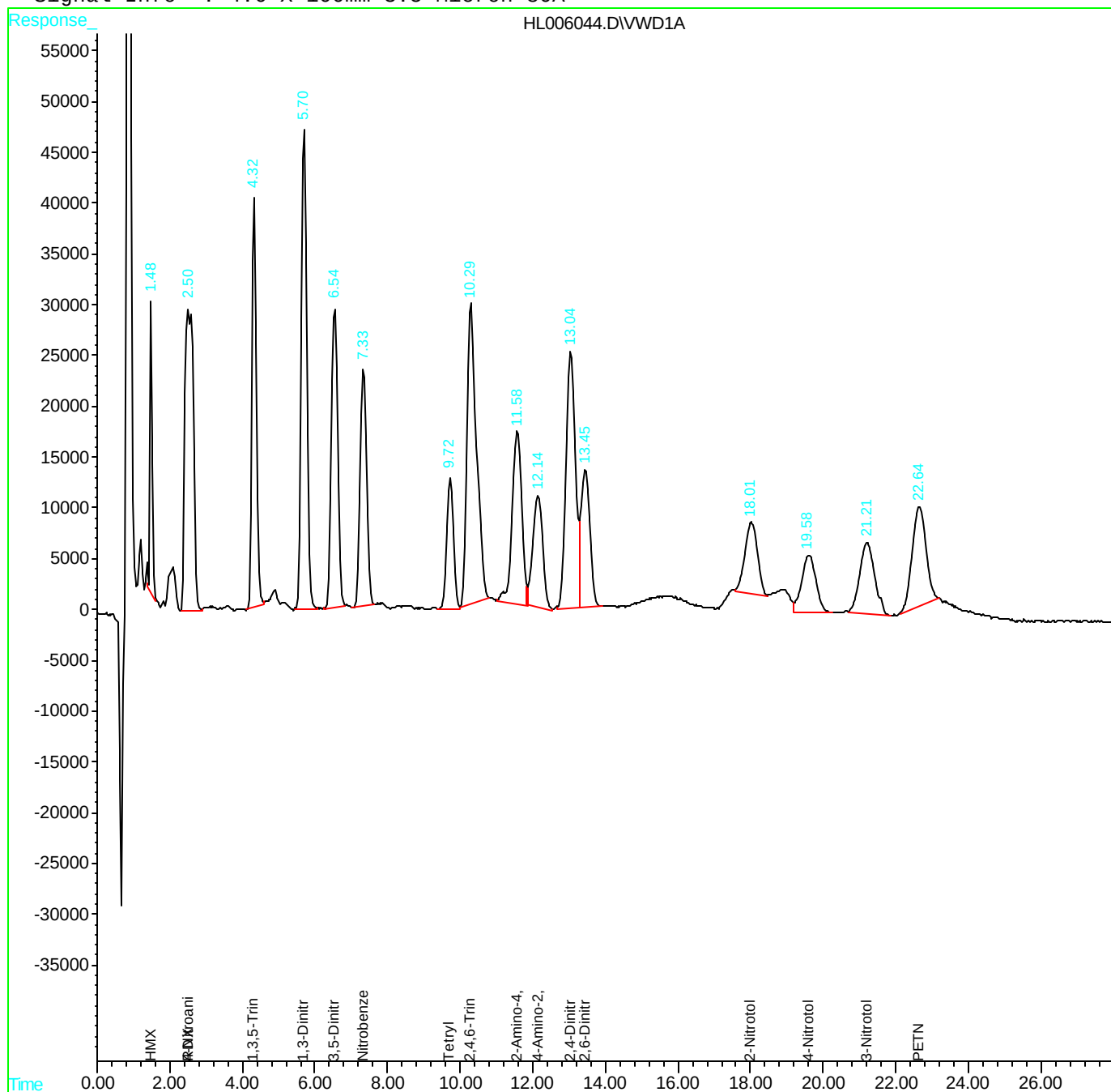
(f)=RT Delta > 1/2 Window (m)=manual int.

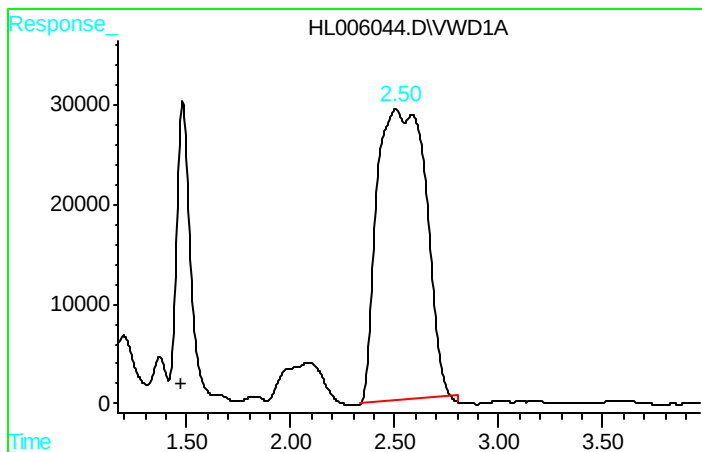
Quantitation Report

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL122314\HL006044.D Vial: 8
Acq On : 23-Dec-2014, 23:26 Operator: TP/IZ
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL122314.M
Title :
Last Update : Mon Dec 29 17:03:53 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330CONF.M

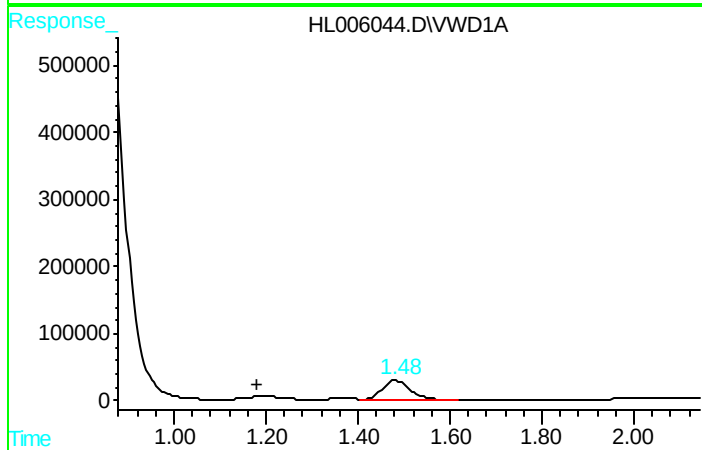
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





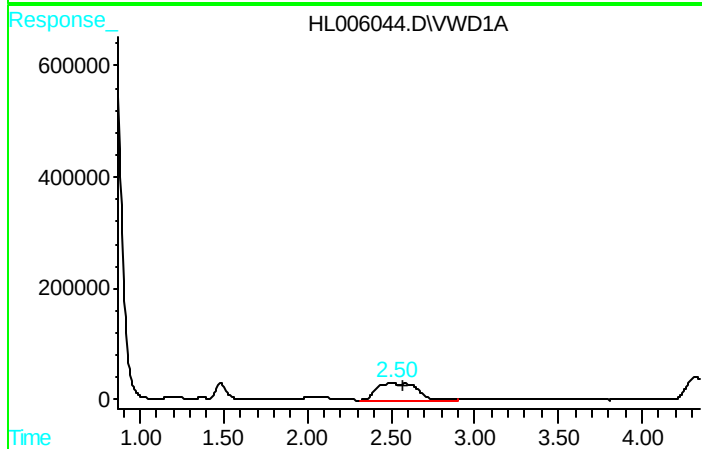
#1 4-Nitroaniline

R.T.: 2.504 min
 Delta R.T.: 1.029 min
 Response: 4767464
 Conc: 373.51 ug/L m



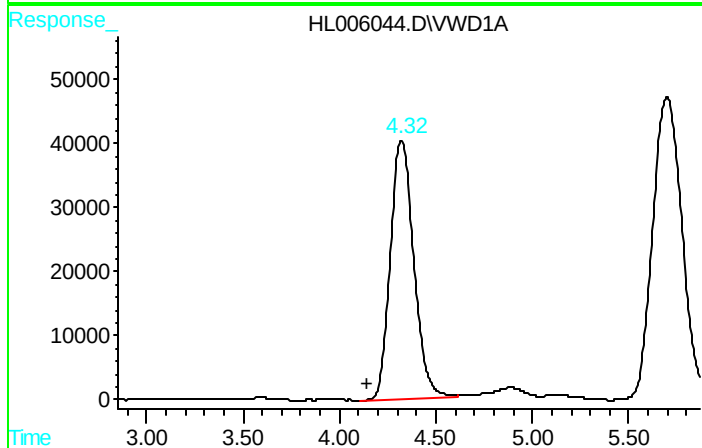
#2 HMX

R.T.: 1.480 min
 Delta R.T.: 0.299 min
 Response: 1209377
 Conc: 238.34 ug/L m



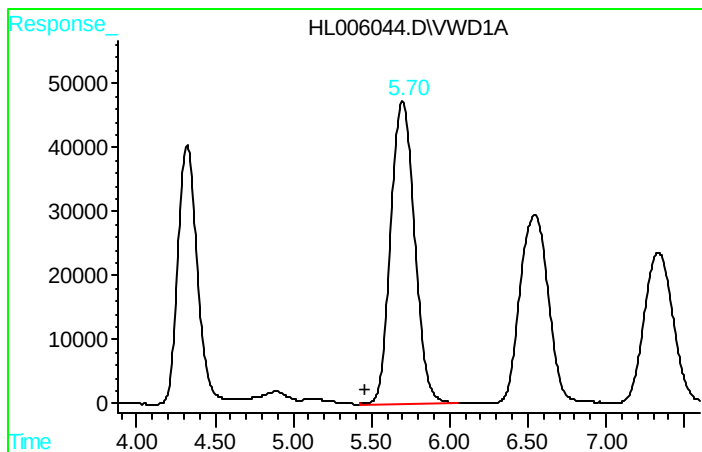
#3 RDX

R.T.: 2.506 min
 Delta R.T.: -0.069 min
 Response: 4955571
 Conc: 394.70 ug/L



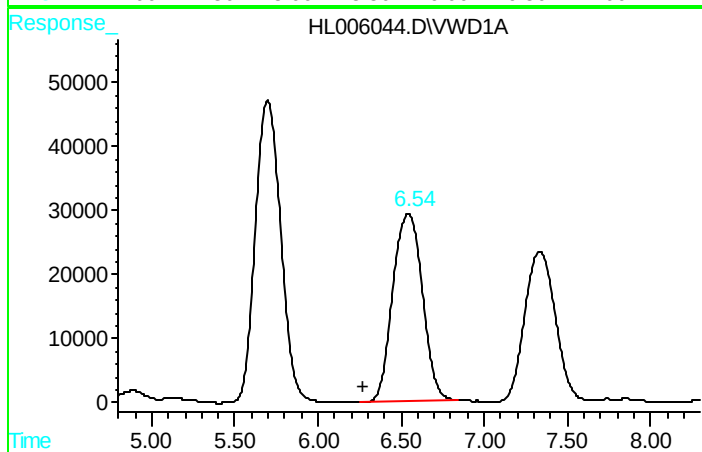
#4 1,3,5-Trinitrobenzene

R.T.: 4.320 min
 Delta R.T.: 0.173 min
 Response: 3424625
 Conc: 256.67 ug/L m



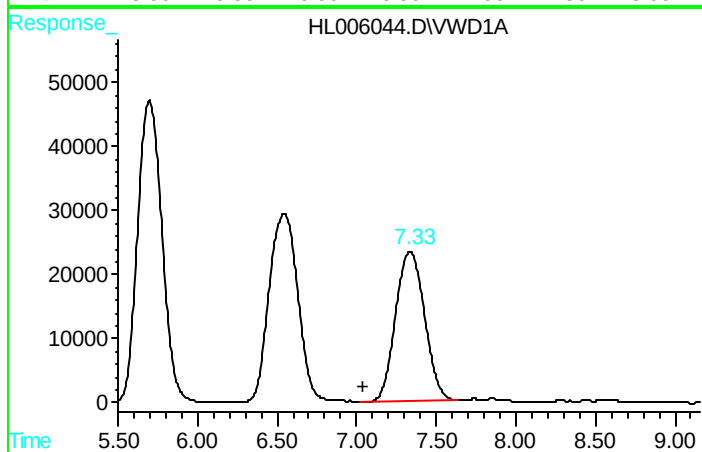
#5 1,3-Dinitrobenzene

R.T.: 5.697 min
Delta R.T.: 0.243 min
Response: 5031703
Conc: 259.50 ng/ml m



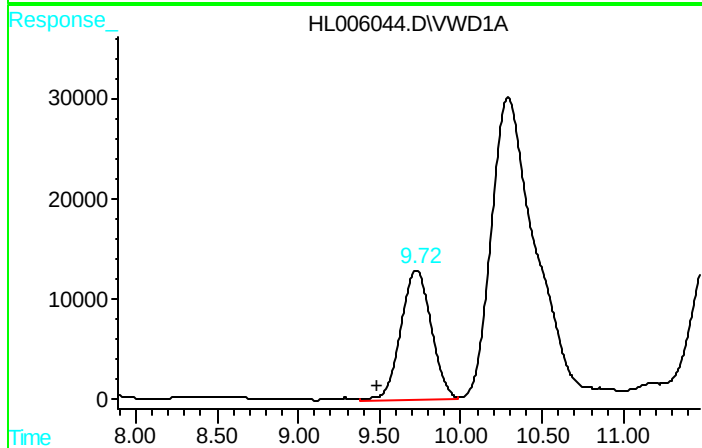
#6 3,5-Dinitroaniline

R.T.: 6.543 min
Delta R.T.: 0.272 min
Response: 3665818
Conc: 255.34 ug/L m



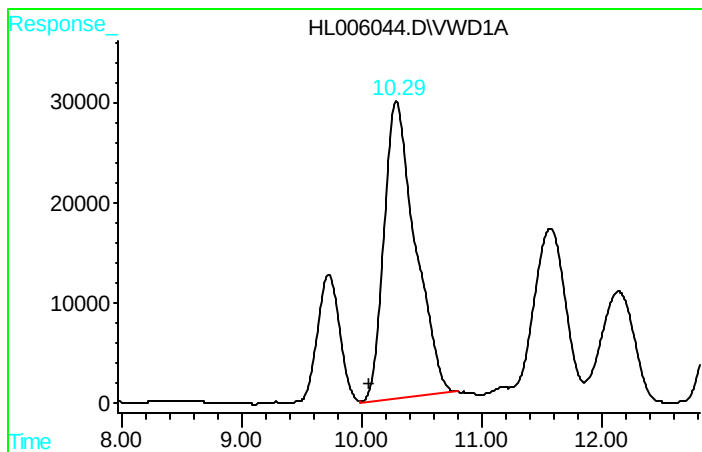
#7 Nitrobenzene

R.T.: 7.334 min
Delta R.T.: 0.300 min
Response: 2955934
Conc: 250.47 ug/L m



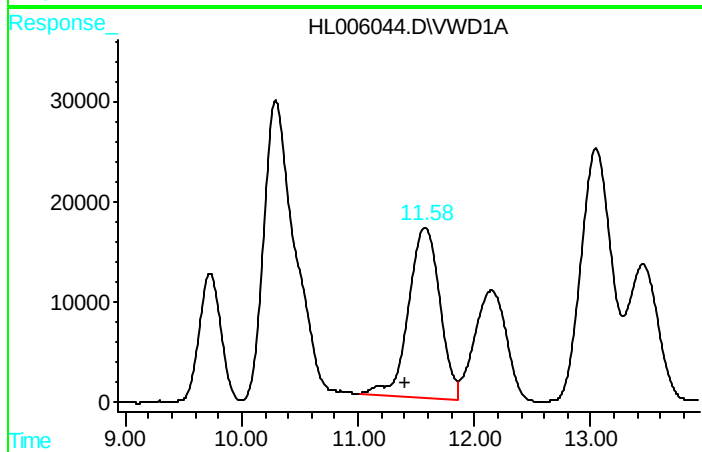
#8 Tetryl

R.T.: 9.723 min
Delta R.T.: 0.243 min
Response: 1684074
Conc: 230.29 ug/L m



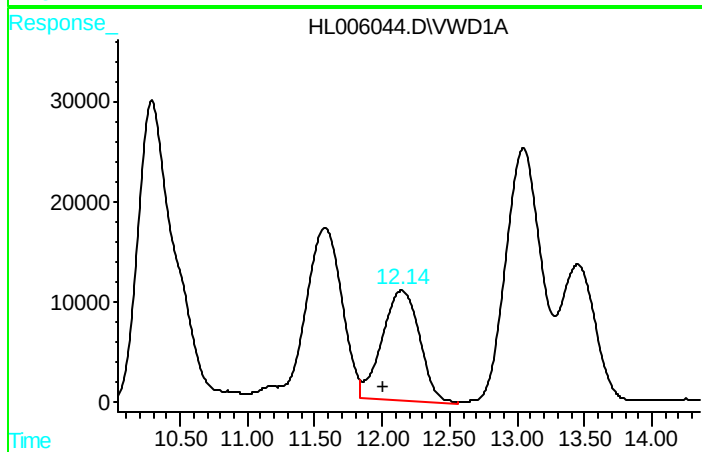
#9 2,4,6-Trinitrotoluene

R.T.: 10.289 min
Delta R.T.: 0.227 min
Response: 5361995
Conc: 401.44 ug/L m



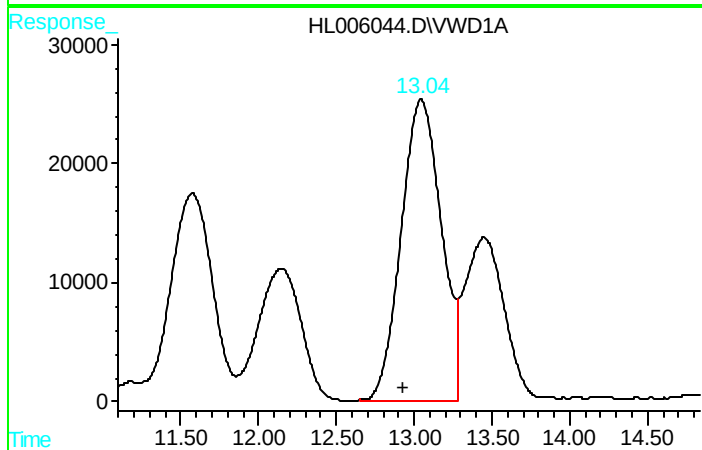
#10 2-Amino-4,6-dinitrotoluene

R.T.: 11.575 min
Delta R.T.: 0.165 min
Response: 3186182
Conc: 235.17 ug/L m



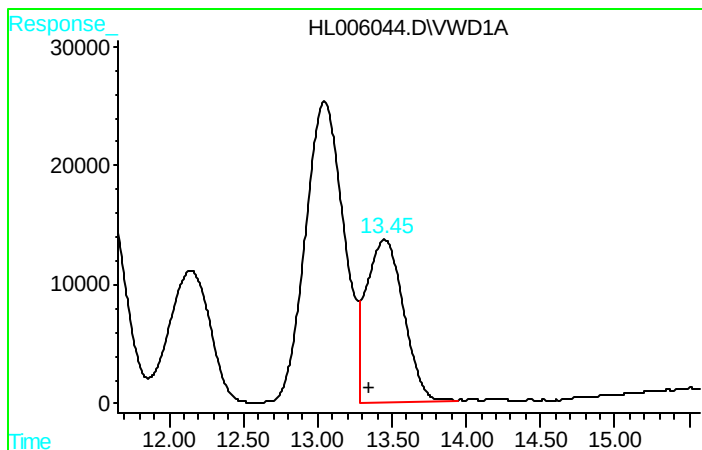
#11 4-Amino-2,6-dinitrotoluene

R.T.: 12.145 min
Delta R.T.: 0.133 min
Response: 2127789
Conc: 233.73 ug/L m



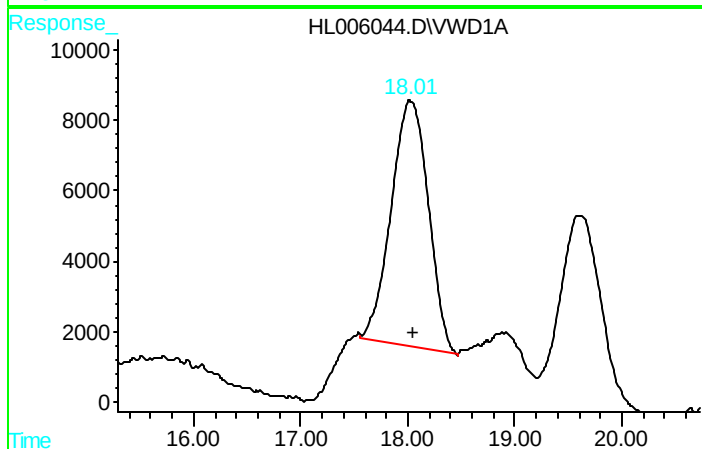
#12 2,4-Dinitrotoluene

R.T.: 13.044 min
Delta R.T.: 0.111 min
Response: 4543855
Conc: 212.77 ug/L m



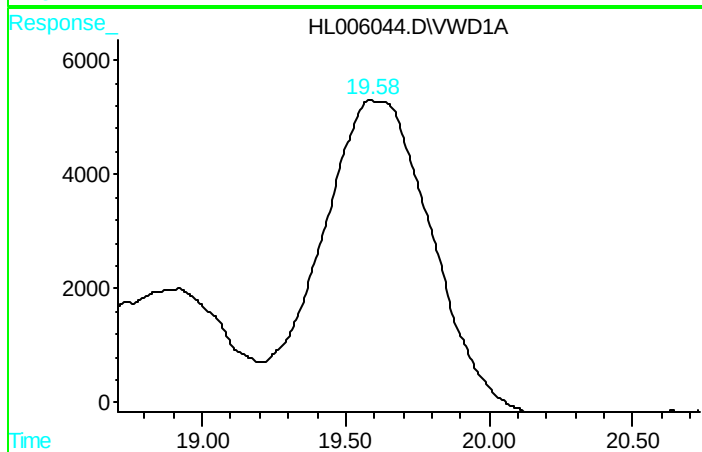
#13 2,6-Dinitrotoluene

R.T.: 13.448 min
Delta R.T.: 0.101 min
Response: 2344024
Conc: 228.09 ug/L m



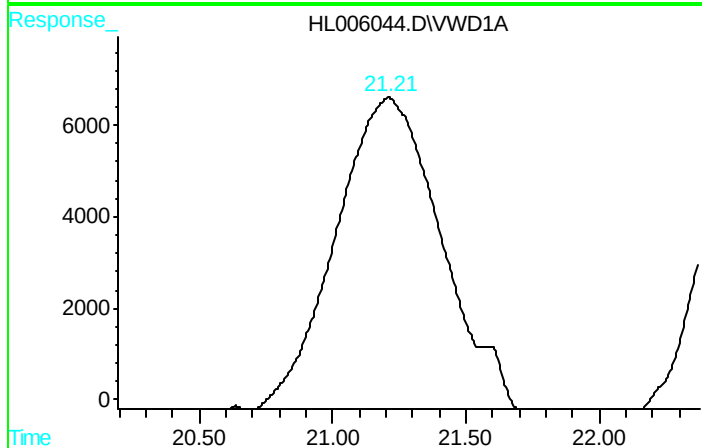
#14 2-Nitrotoluene

R.T.: 18.013 min
Delta R.T.: -0.036 min
Response: 1679056
Conc: 192.86 ug/L m



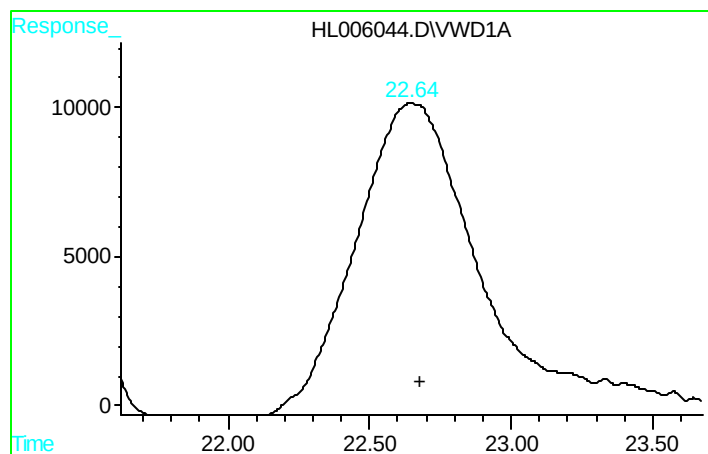
#15 4-Nitrotoluene

R.T.: 19.596 min
Delta R.T.: -0.037 min
Response: 1532714
Conc: 230.43 ug/L



#16 3-Nitrotoluene

R.T.: 21.210 min
Delta R.T.: -0.029 min
Response: 2043489
Conc: 215.02 ug/L



#17 PETN

R.T.: 22.645 min
Delta R.T.: -0.033 min
Response: 2598822
Conc: 286.71 ug/L m