

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL122314\HL006045.D Vial: 9
 Acq On : 23-Dec-2014, 23:56 Operator: TP/IZ
 Sample : LOD-SOIL-100ML Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Dec 29 17:28 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	2.48f	3370367	271.076 ug/L m
Target Compounds				
2) T	HMX	1.48f	438285	103.664 ug/L m
3) T	RDX	2.48	3364664	276.931 ug/L m
4) T	1,3,5-Trinitrobenzene	4.16	835337	94.845 ug/L
5) T	1,3-Dinitrobenzene	5.47	1187634	96.706 ng/ml
6) T	3,5-Dinitroaniline	6.28	900379	105.074 ug/L
7) T	Nitrobenzene	7.05	725753	92.882 ug/L
8) T	Tetryl	9.39	444650	99.396 ug/L m
9) T	2,4,6-Trinitrotoluene	9.98	3471479	276.295 ug/L m
10) T	2-Amino-4,6-dinitrotoluene	11.23	755142	55.737 ug/L m
11) T	4-Amino-2,6-dinitrotoluene	11.77	548044	60.201 ug/L m
12) T	2,4-Dinitrotoluene	12.67f	1125747	52.715 ug/L m
13) T	2,6-Dinitrotoluene	13.08	607817	59.252 ug/L m
14) T	2-Nitrotoluene	17.65f	1380220	158.534 ug/L m
15) T	4-Nitrotoluene	19.47	393855	59.213 ug/L m
16) T	3-Nitrotoluene	21.07	571496	60.134 ug/L m
17) T	PETN	22.50	462194	92.275 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 #:_____

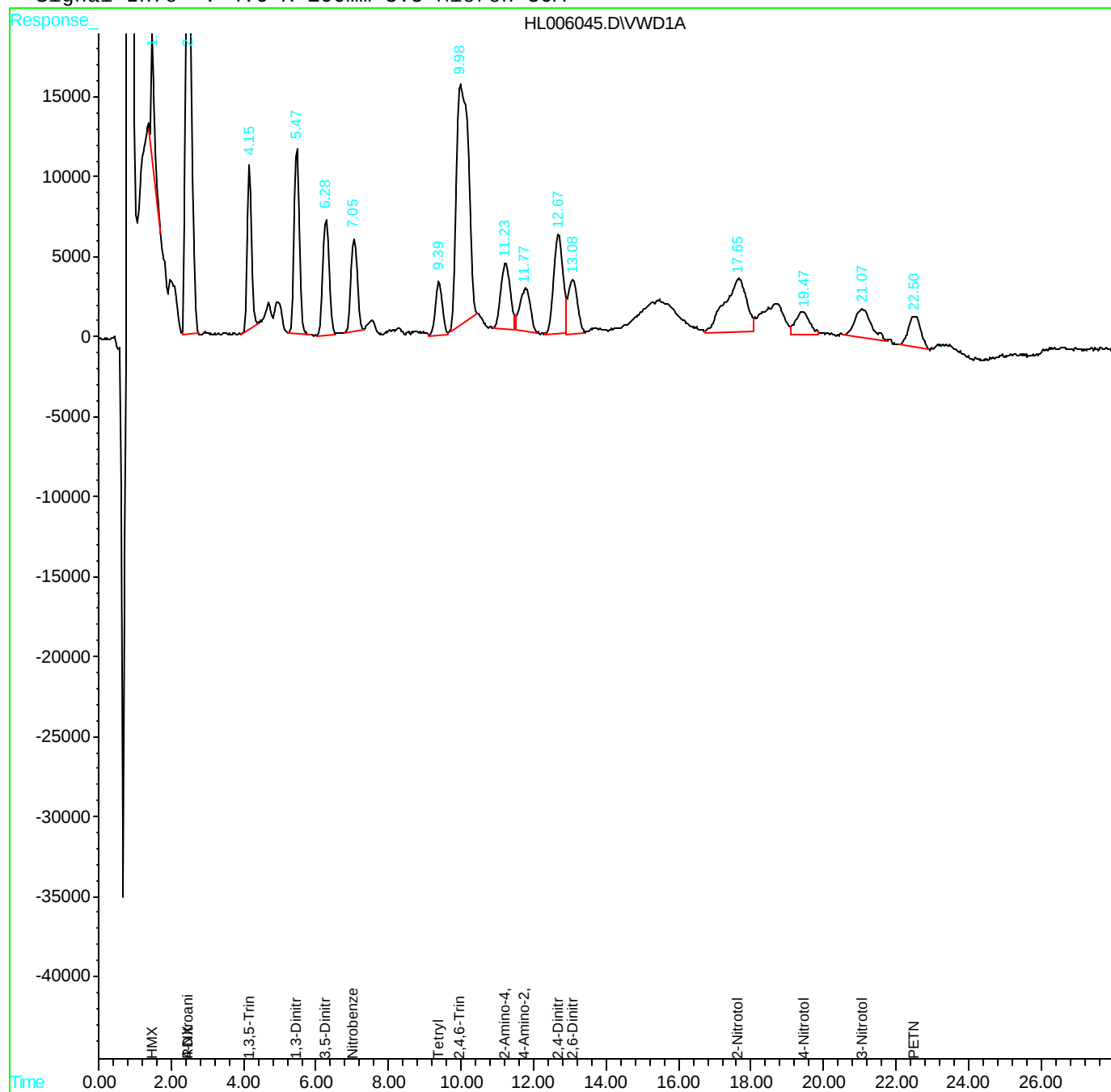
(f)=RT Delta > 1/2 Window (m)=manual int.

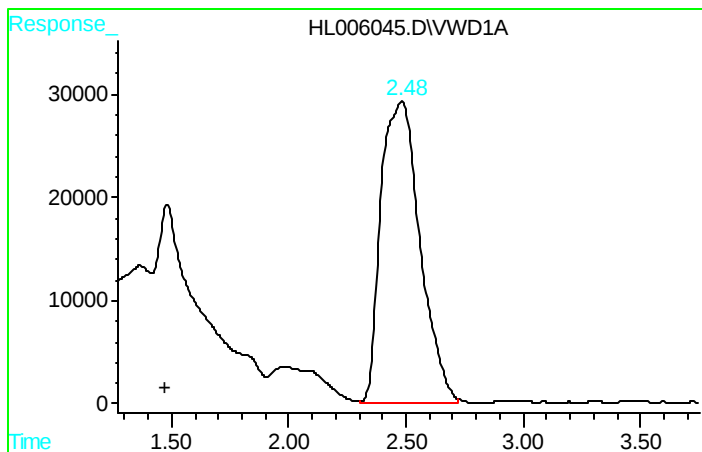
Quantitation Report

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL122314\HL006045.D Vial: 9
Acq On : 23-Dec-2014, 23:56 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

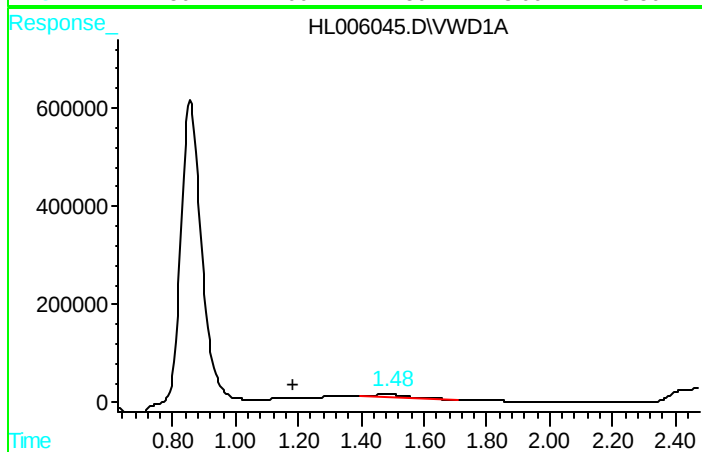
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





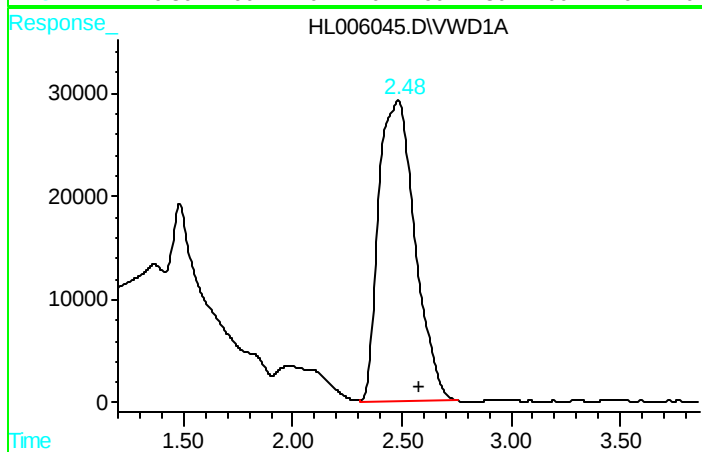
#1 4-Nitroaniline

R.T.: 2.482 min
Delta R.T.: 1.007 min
Response: 3370367
Conc: 271.08 ug/L m



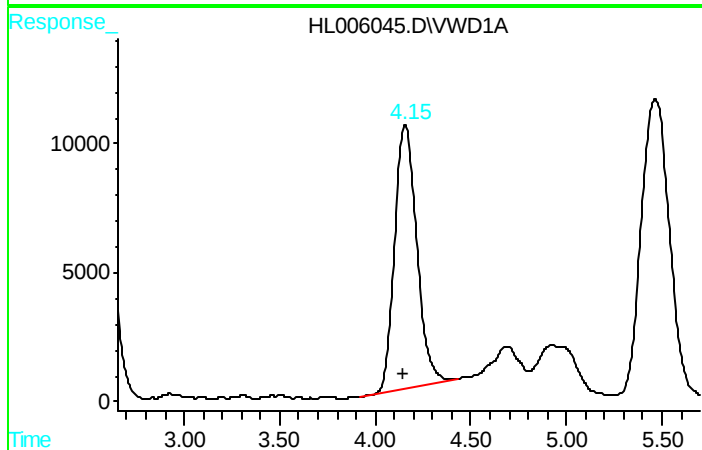
#2 HMX

R.T.: 1.480 min
Delta R.T.: 0.299 min
Response: 438285
Conc: 103.66 ug/L m



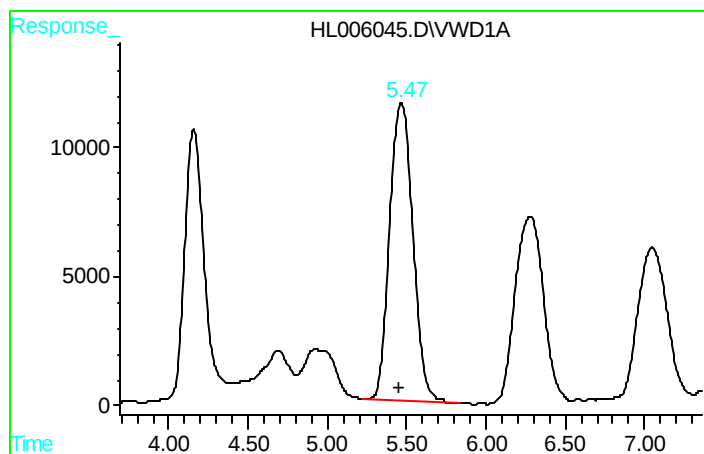
#3 RDX

R.T.: 2.482 min
Delta R.T.: -0.093 min
Response: 3364664
Conc: 276.93 ug/L m



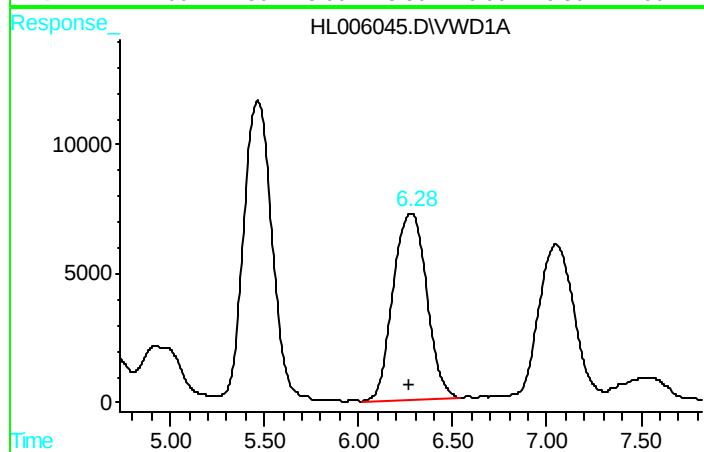
#4 1,3,5-Trinitrobenzene

R.T.: 4.157 min
Delta R.T.: 0.010 min
Response: 835337
Conc: 94.85 ug/L



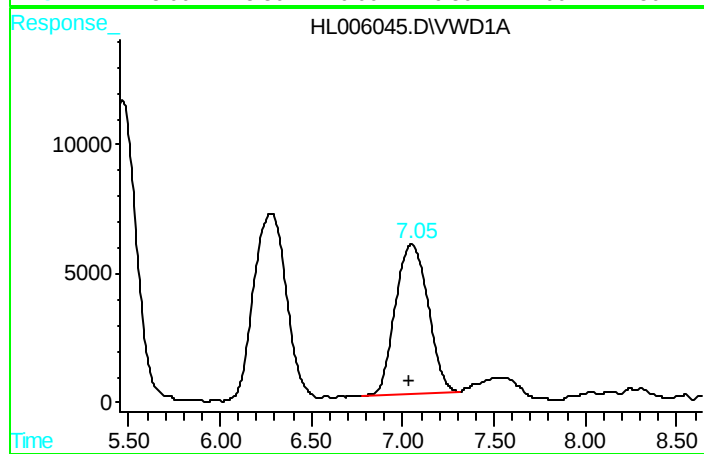
#5 1,3-Dinitrobenzene

R.T.: 5.466 min
Delta R.T.: 0.012 min
Response: 1187634
Conc: 96.71 ng/ml



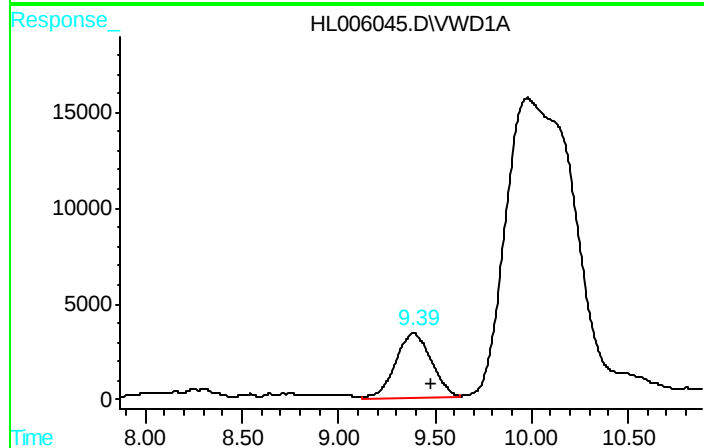
#6 3,5-Dinitroaniline

R.T.: 6.279 min
Delta R.T.: 0.008 min
Response: 900379
Conc: 105.07 ug/L



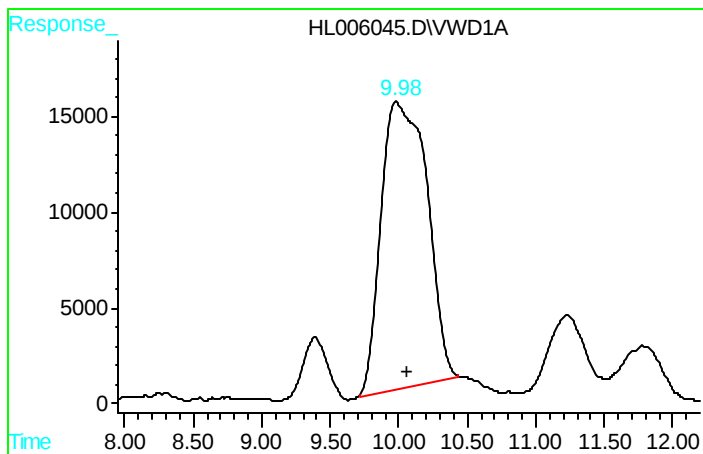
#7 Nitrobenzene

R.T.: 7.050 min
Delta R.T.: 0.016 min
Response: 725753
Conc: 92.88 ug/L



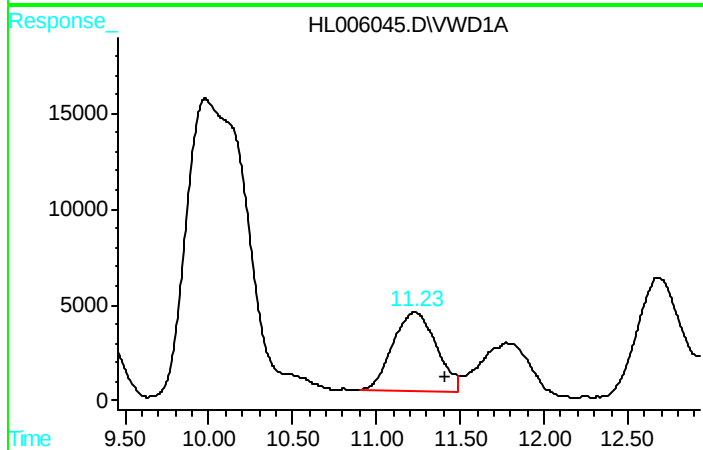
#8 Tetryl

R.T.: 9.387 min
Delta R.T.: -0.093 min
Response: 444650
Conc: 99.40 ug/L m



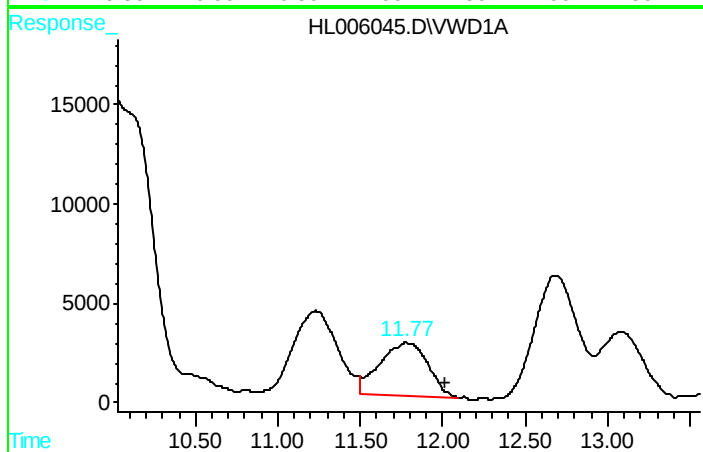
#9 2,4,6-Trinitrotoluene

R.T.: 9.975 min
Delta R.T.: -0.087 min
Response: 3471479
Conc: 276.30 ug/L m



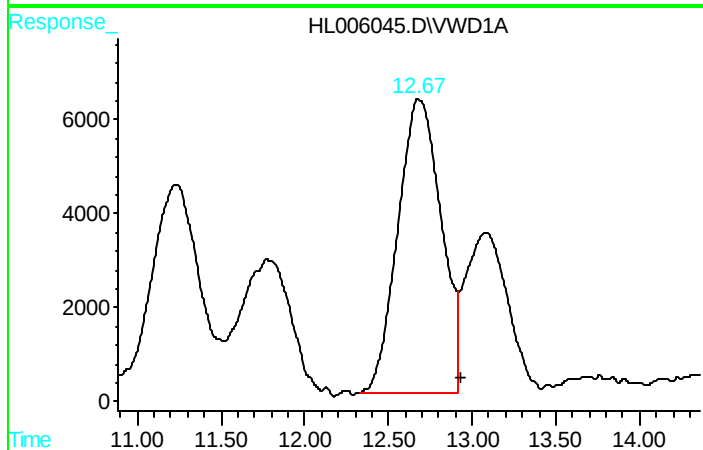
#10 2-Amino-4,6-dinitrotoluene

R.T.: 11.228 min
Delta R.T.: -0.182 min
Response: 755142
Conc: 55.74 ug/L m



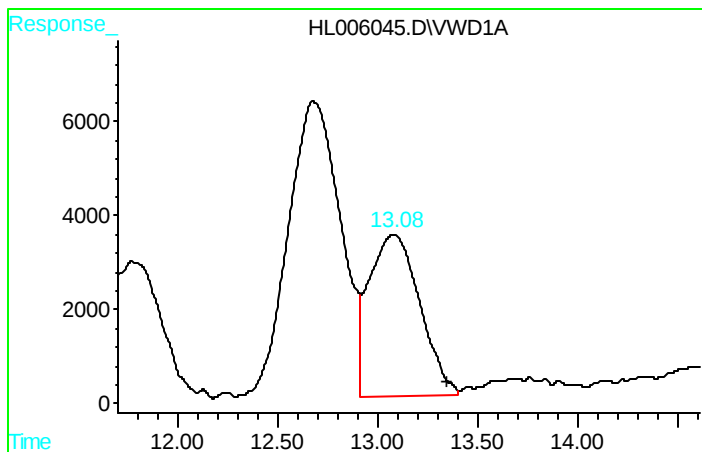
#11 4-Amino-2,6-dinitrotoluene

R.T.: 11.772 min
Delta R.T.: -0.240 min
Response: 548044
Conc: 60.20 ug/L m



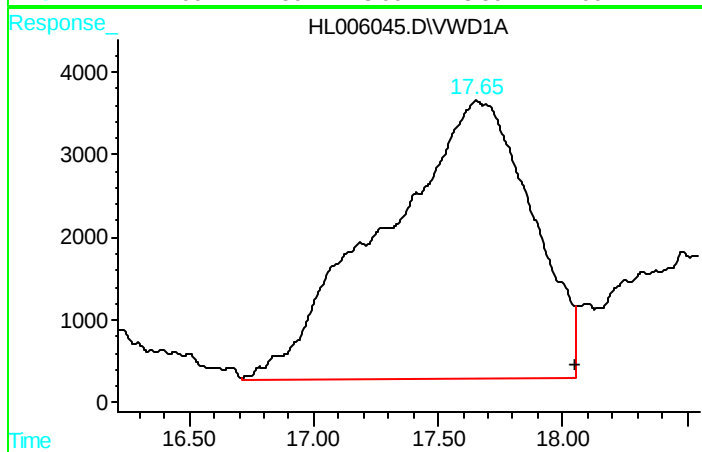
#12 2,4-Dinitrotoluene

R.T.: 12.674 min
Delta R.T.: -0.258 min
Response: 1125747
Conc: 52.71 ug/L m



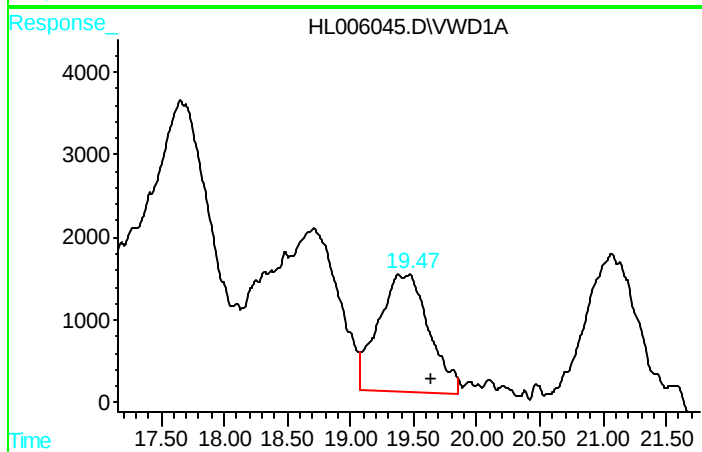
#13 2,6-Dinitrotoluene

R.T.: 13.084 min
Delta R.T.: -0.263 min
Response: 607817
Conc: 59.25 ug/L m



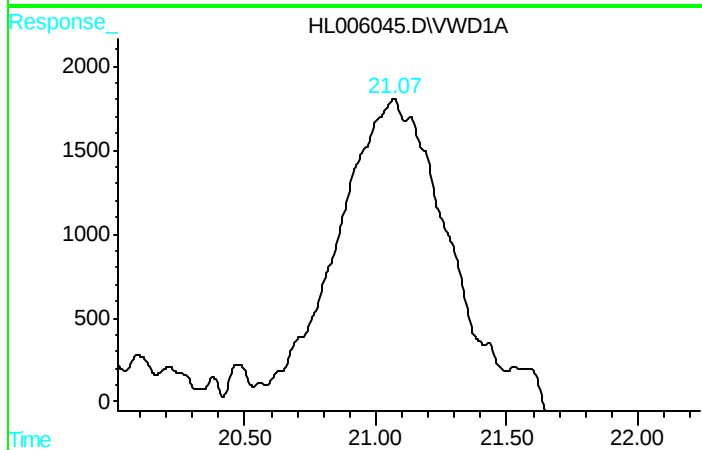
#14 2-Nitrotoluene

R.T.: 17.650 min
Delta R.T.: -0.399 min
Response: 1380220
Conc: 158.53 ug/L m



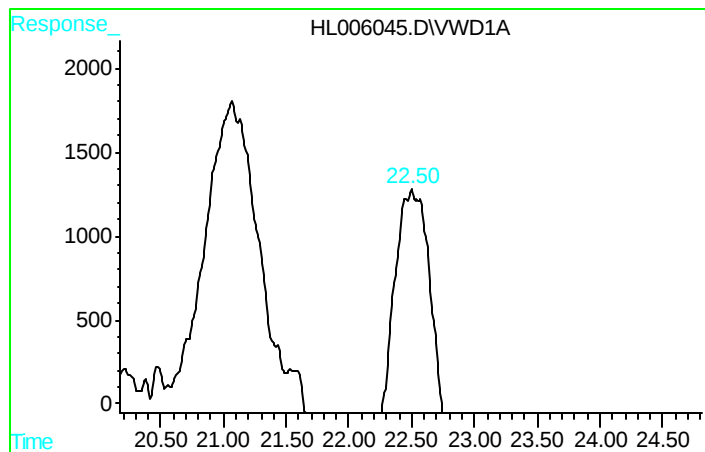
#15 4-Nitrotoluene

R.T.: 19.473 min
Delta R.T.: -0.160 min
Response: 393855
Conc: 59.21 ug/L m



#16 3-Nitrotoluene

R.T.: 21.068 min
Delta R.T.: -0.171 min
Response: 571496
Conc: 60.13 ug/L m



#17 PETN

R.T.: 22.499 min
Delta R.T.: -0.179 min
Response: 462194
Conc: 92.28 ug/L m