

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL122314\HL006048.D Vial: 12
 Acq On : 24-Dec-2014, 01:24 Operator: TP/IZ
 Sample : LOD-WATER-50ML Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Dec 29 17:36 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	3263752	263.260 ug/L m
Target Compounds			
2) T HMX	1.48f	362501	90.427 ug/L m
3) T RDX	2.48	3421322	281.126 ug/L m
4) T 1,3,5-Trinitrobenzene	4.16	969090	103.204 ug/L
5) T 1,3-Dinitrobenzene	5.47	1315560	102.124 ng/ml
6) T 3,5-Dinitroaniline	6.28	974303	109.091 ug/L
7) T Nitrobenzene	7.05	779184	96.657 ug/L
8) T Tetryl	9.39	454398	100.425 ug/L m
9) T 2,4,6-Trinitrotoluene	9.98	2942363	241.269 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	11.23	919813	67.892 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	11.79	676953	74.361 ug/L m
12) T 2,4-Dinitrotoluene	12.69	1197295	56.065 ug/L m
13) T 2,6-Dinitrotoluene	13.09	665706	64.882 ug/L m
14) T 2-Nitrotoluene	17.56f	1401003	160.921 ug/L m
15) T 4-Nitrotoluene	19.33	443570	66.688 ug/L m
16) T 3-Nitrotoluene	21.12	466591	49.096 ug/L m
17) T PETN	22.64	10340136	991.173 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 #:_____

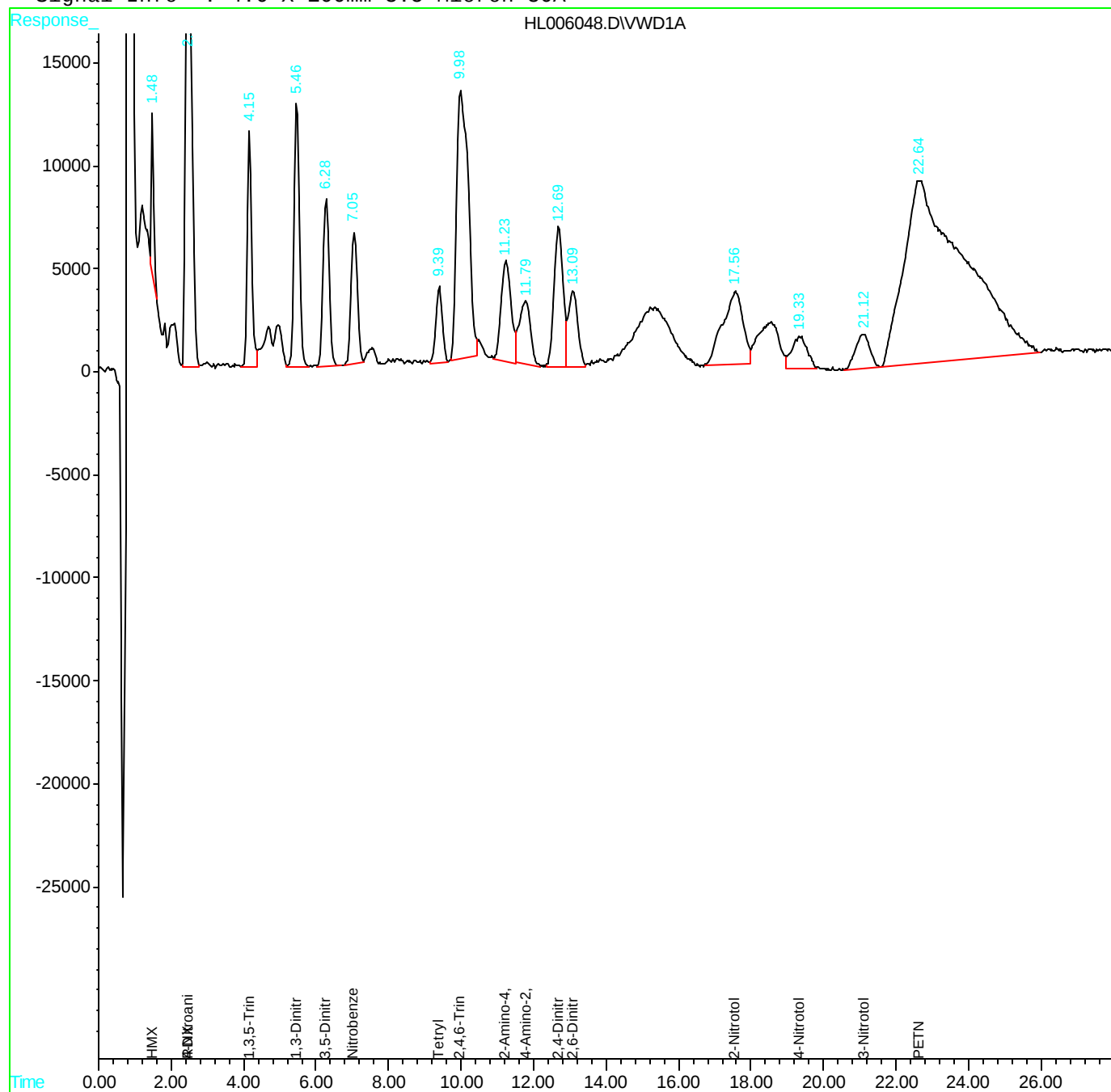
(f)=RT Delta > 1/2 Window (m)=manual int.

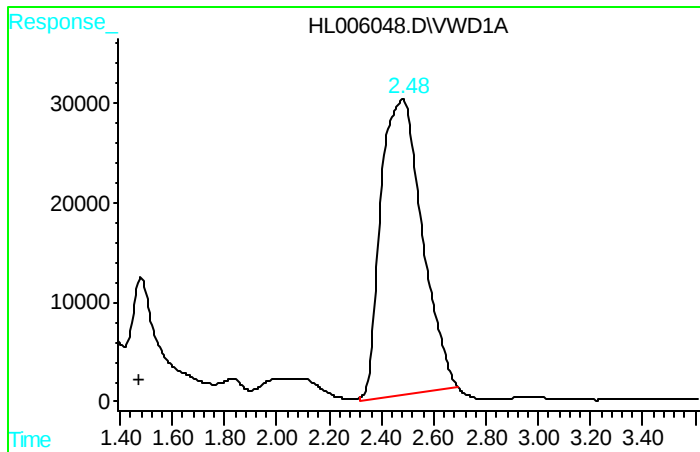
Quantitation Report

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL122314\HL006048.D Vial: 12
Acq On : 24-Dec-2014, 01:24 Operator: TP/IZ
Sample : LOD-WATER-50ML Inst : G1314A
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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

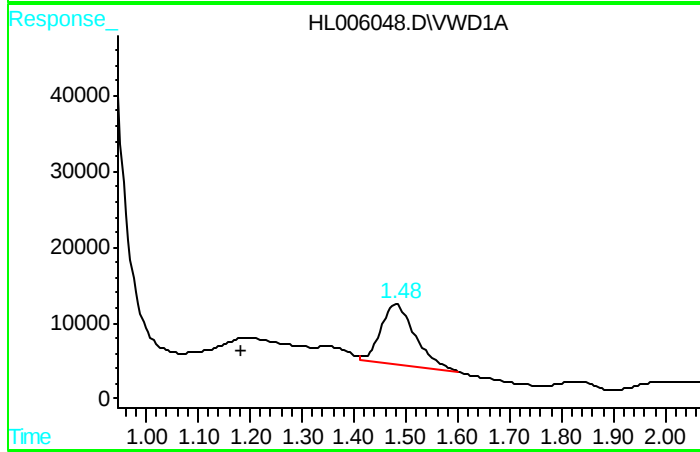
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





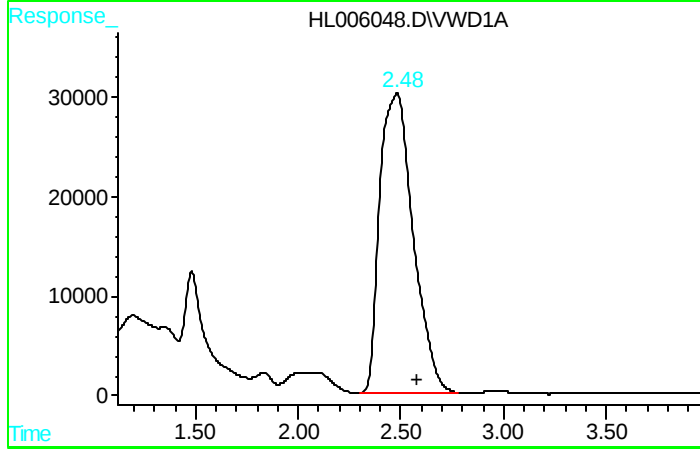
#1 4-Nitroaniline

R.T.: 2.480 min
Delta R.T.: 1.005 min
Response: 3263752
Conc: 263.26 ug/L m



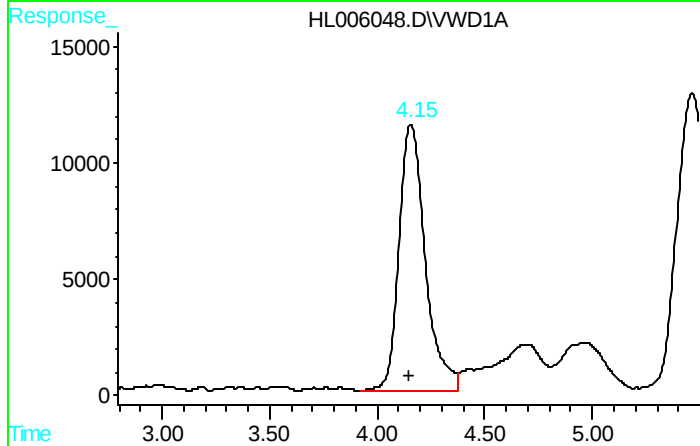
#2 HMX

R.T.: 1.479 min
Delta R.T.: 0.298 min
Response: 362501
Conc: 90.43 ug/L m



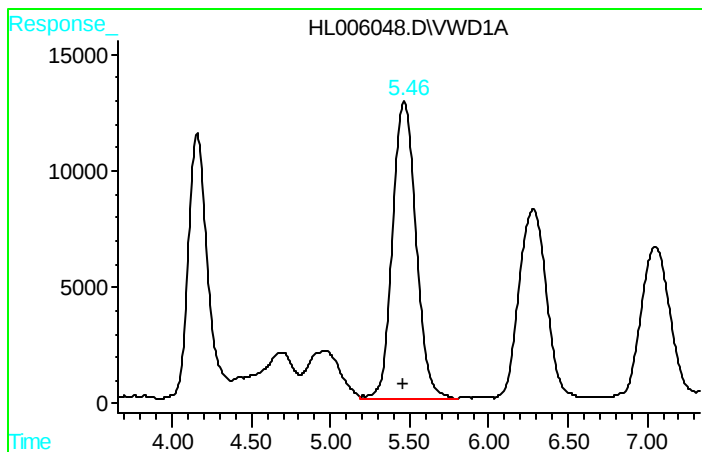
#3 RDX

R.T.: 2.480 min
Delta R.T.: -0.095 min
Response: 3421322
Conc: 281.13 ug/L m



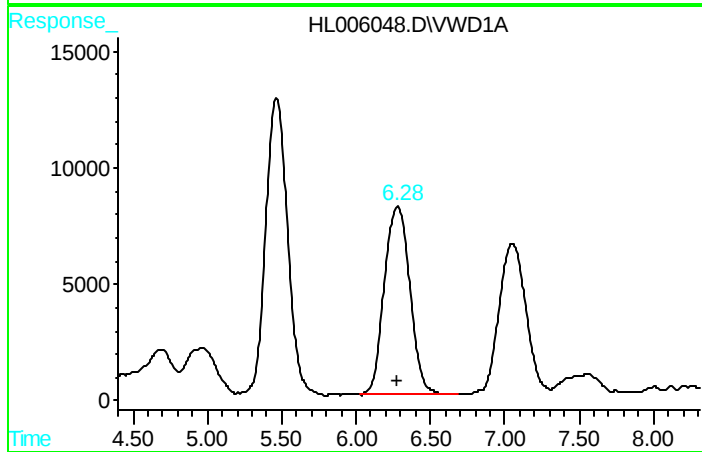
#4 1,3,5-Trinitrobenzene

R.T.: 4.157 min
Delta R.T.: 0.010 min
Response: 969090
Conc: 103.20 ug/L



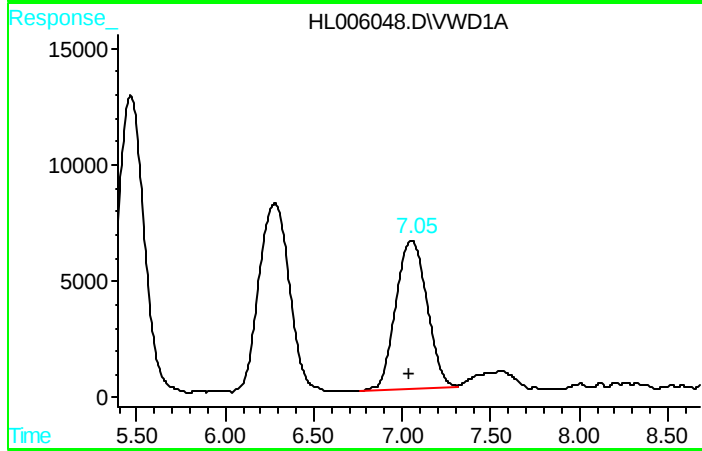
#5 1,3-Dinitrobenzene

R.T.: 5.466 min
Delta R.T.: 0.012 min
Response: 1315560
Conc: 102.12 ng/ml



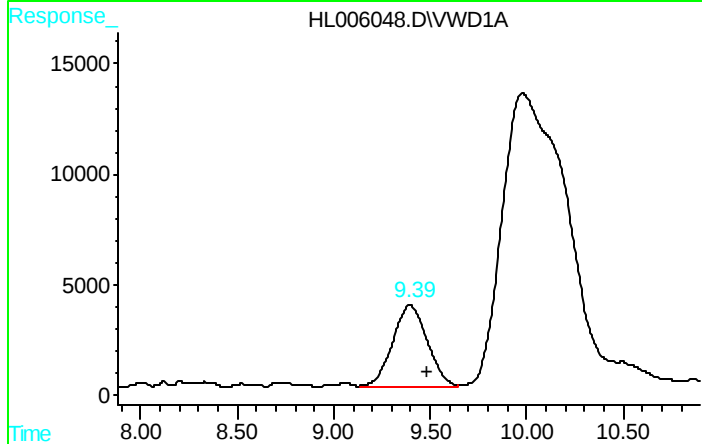
#6 3,5-Dinitroaniline

R.T.: 6.281 min
Delta R.T.: 0.010 min
Response: 974303
Conc: 109.09 ug/L



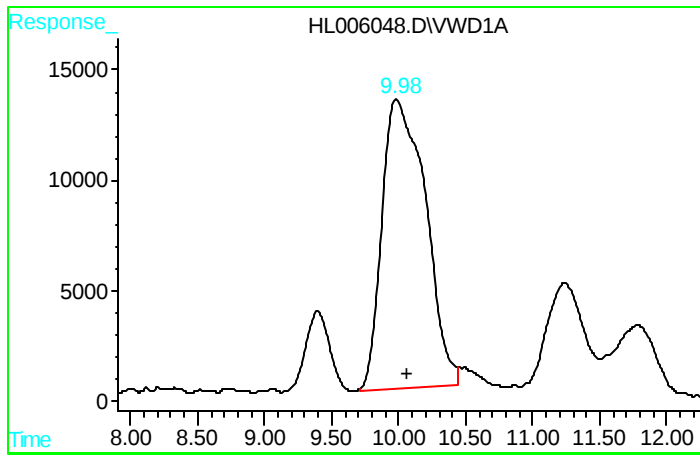
#7 Nitrobenzene

R.T.: 7.052 min
Delta R.T.: 0.018 min
Response: 779184
Conc: 96.66 ug/L



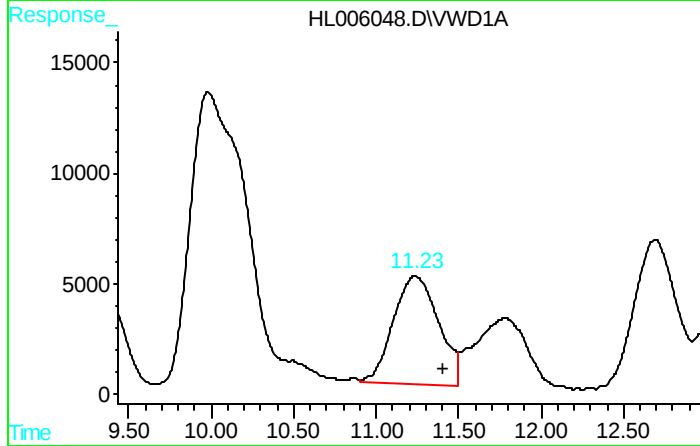
#8 Tetryl

R.T.: 9.393 min
Delta R.T.: -0.087 min
Response: 454398
Conc: 100.43 ug/L m



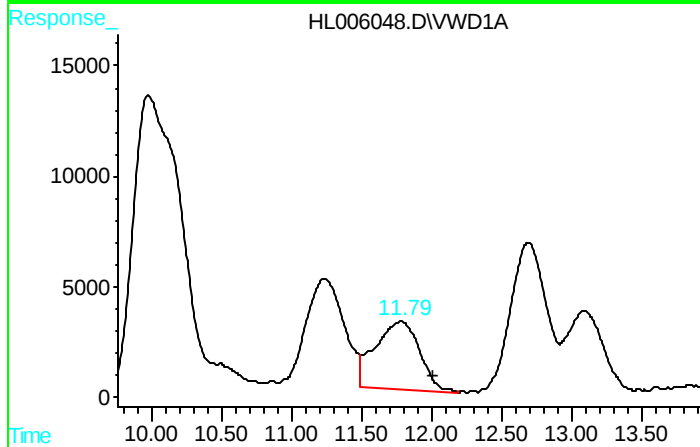
#9 2,4,6-Trinitrotoluene

R.T.: 9.977 min
Delta R.T.: -0.085 min
Response: 2942363
Conc: 241.27 ug/L m



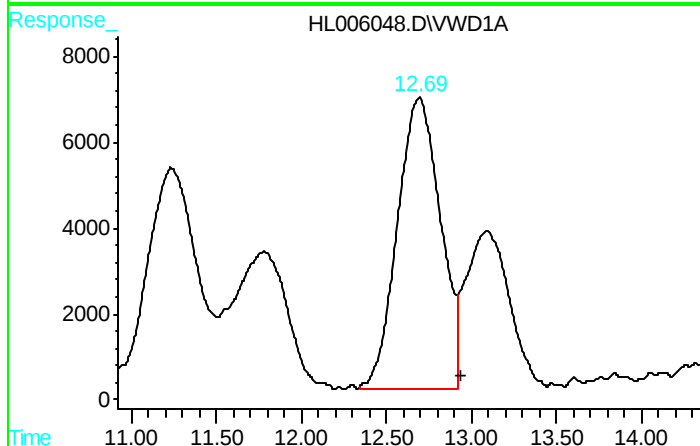
#10 2-Amino-4,6-dinitrotoluene

R.T.: 11.234 min
Delta R.T.: -0.176 min
Response: 919813
Conc: 67.89 ug/L m



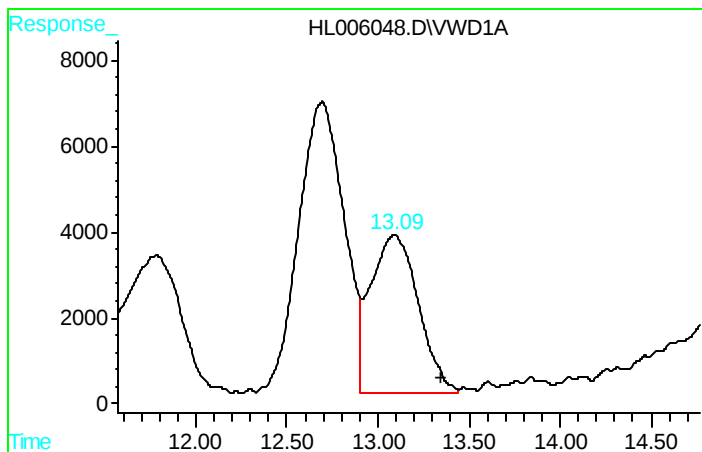
#11 4-Amino-2,6-dinitrotoluene

R.T.: 11.790 min
Delta R.T.: -0.221 min
Response: 676953
Conc: 74.36 ug/L m



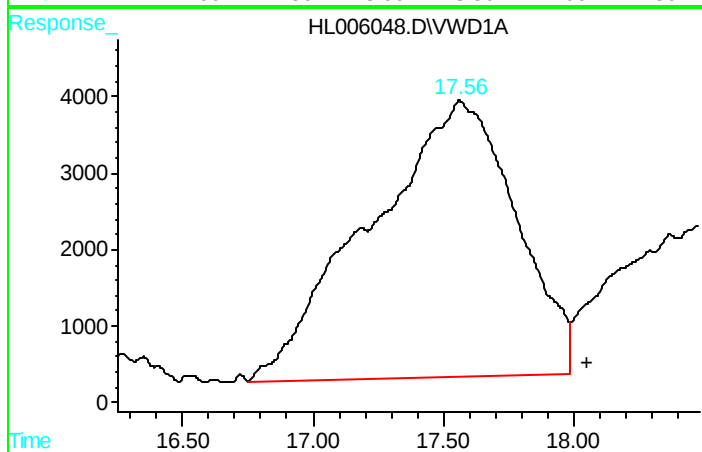
#12 2,4-Dinitrotoluene

R.T.: 12.695 min
Delta R.T.: -0.238 min
Response: 1197295
Conc: 56.07 ug/L m



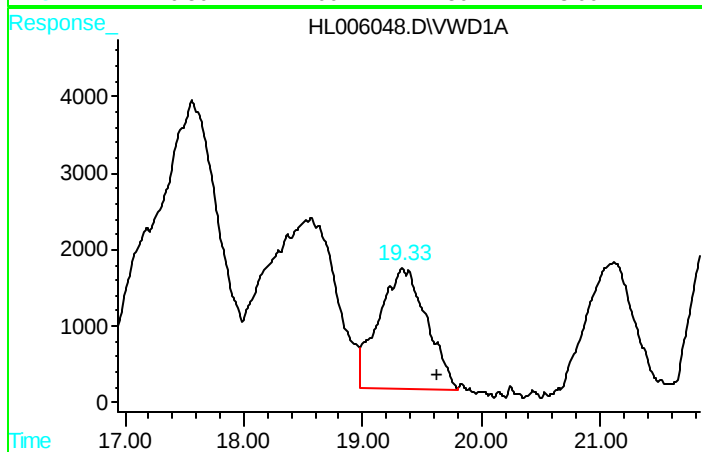
#13 2,6-Dinitrotoluene

R.T.: 13.092 min
Delta R.T.: -0.255 min
Response: 665706
Conc: 64.88 ug/L m



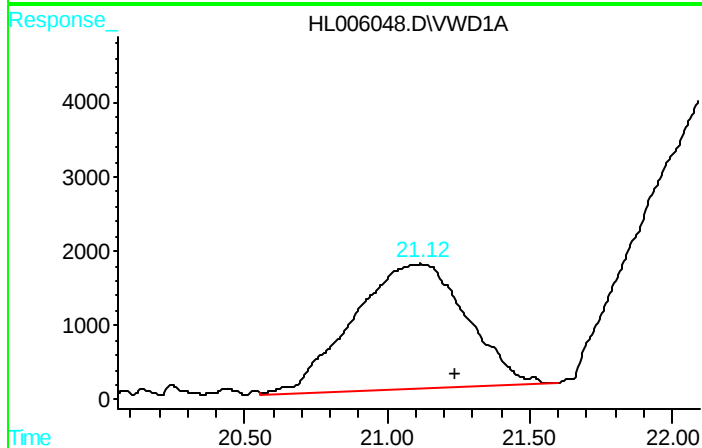
#14 2-Nitrotoluene

R.T.: 17.560 min
Delta R.T.: -0.489 min
Response: 1401003
Conc: 160.92 ug/L m



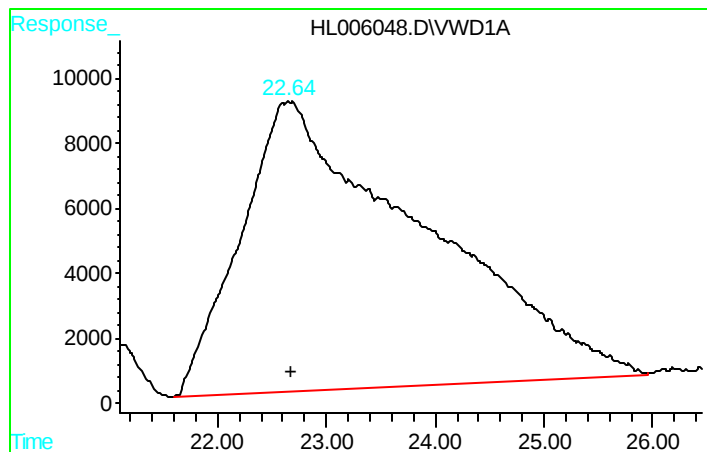
#15 4-Nitrotoluene

R.T.: 19.335 min
Delta R.T.: -0.298 min
Response: 443570
Conc: 66.69 ug/L m



#16 3-Nitrotoluene

R.T.: 21.116 min
Delta R.T.: -0.123 min
Response: 466591
Conc: 49.10 ug/L m



#17 PETN

R.T.: 22.643 min
Delta R.T.: -0.035 min
Response: 10340136
Conc: 991.17 ug/L m