

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070913\HL005519.D Vial: 2
 Acq On : 09-Jul-2013, 13:25 Operator: QM
 Sample : PB70694BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 9 16:48 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 ClientSampleId :
 PB70694BS

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:59:51 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	1.32	1390188	343.269 ug/L
Target Compounds			
2) T HMX	0.89	1232418	267.547 ug/L
3) T RDX	1.72	1426545	282.719 ug/L
4) T 1,3,5-Trinitrobenzene	2.64	3013084	270.290 ug/L
5) T 1,3-Dinitrobenzene	3.50	4208452	269.352 ng/ml
6) T 3,5-Dinitroaniline	3.87	3849258	275.570 ug/L
7) T Nitrobenzene	4.70	2661846	267.414 ug/L
8) T Tetryl	6.22	1631490	256.671 ug/L
9) T 2,4,6-Trinitrotoluene	6.46	3014823	256.754 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.03	2960485	251.807 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.39	1842967	284.335 ug/L
12) T 2,4-Dinitrotoluene	8.10	4155087	277.598 ug/L
13) T 2,6-Dinitrotoluene	8.51	2250471	269.032 ug/L
14) T 2-Nitrotoluene	11.69	2092897	327.897 ug/L
15) T 4-Nitrotoluene	12.63	1790930	331.966 ug/L
16) T 3-Nitrotoluene	14.14	2147571	309.030 ug/L m
17) T PETN	19.95	2391413	234.095 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.

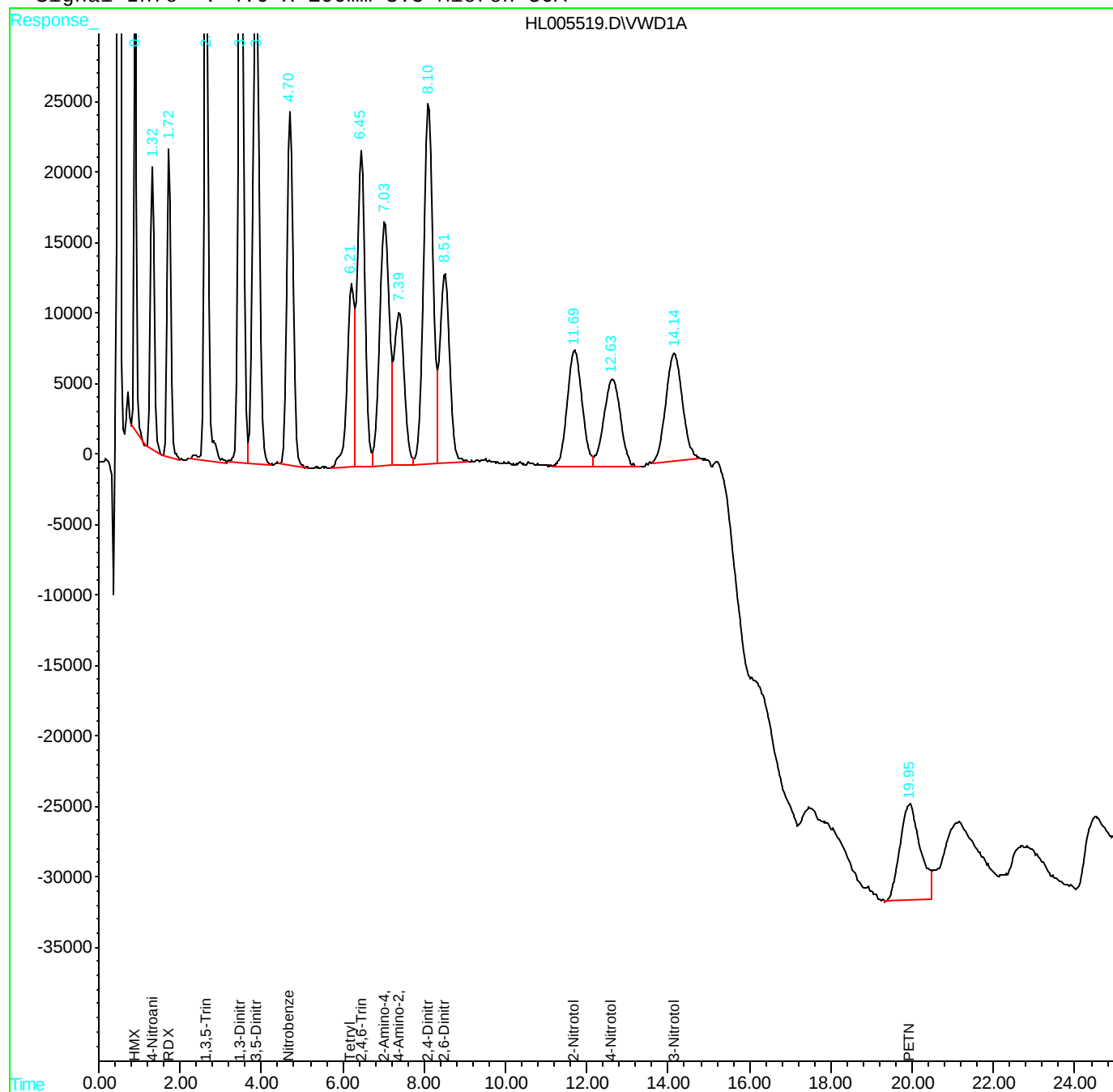
Quantitation Report

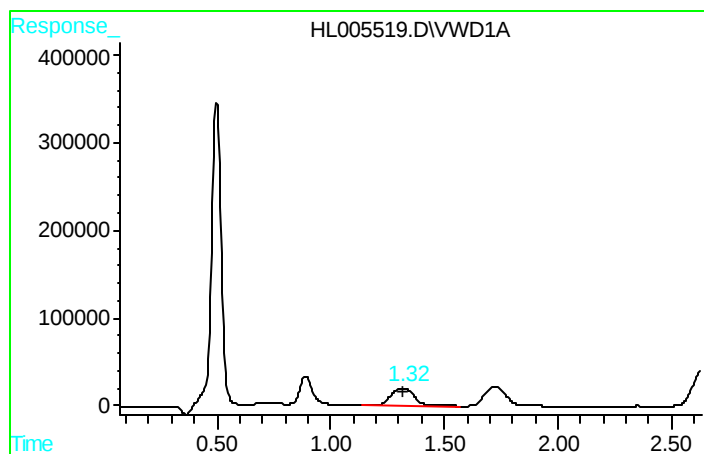
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HPLC_L
ClientSampleId :
PB70694BS

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
Title :
Last Update : Tue Jul 02 16:59:51 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

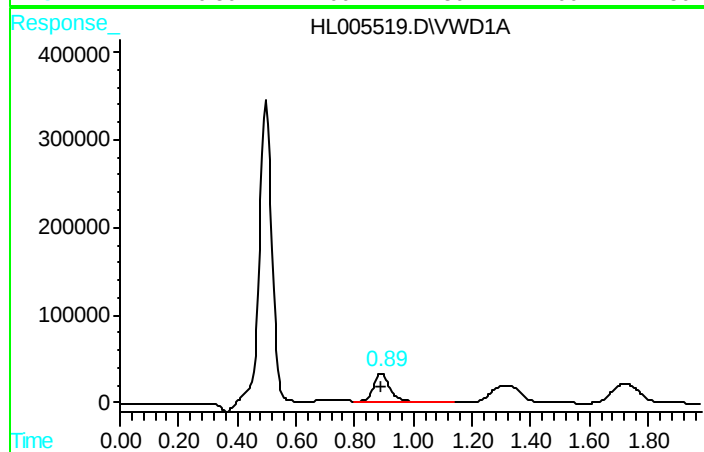




#1 4-Nitroaniline

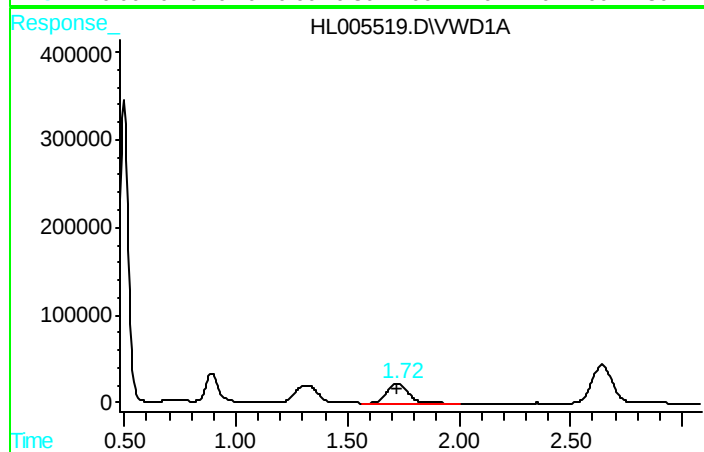
R.T.: 1.320 min
Delta R.T.: 0.000 min
Response: 1390188
Conc: 343.27 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB70694BS



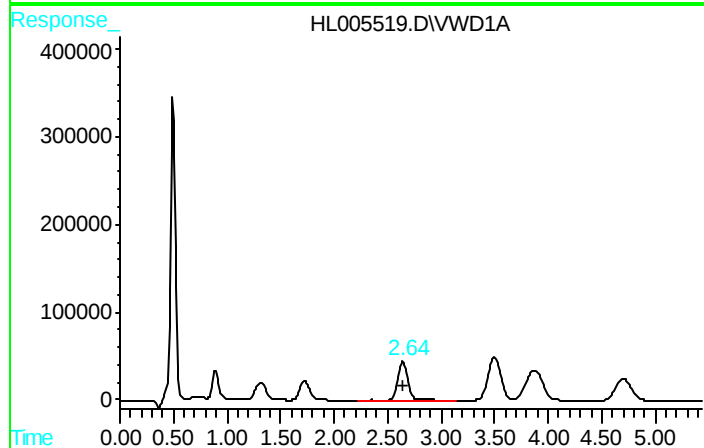
#2 HMX

R.T.: 0.893 min
Delta R.T.: 0.000 min
Response: 1232418
Conc: 267.55 ug/L



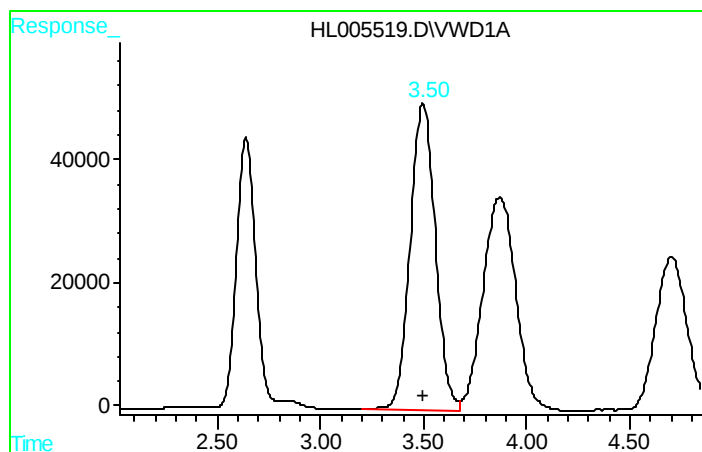
#3 RDX

R.T.: 1.724 min
Delta R.T.: 0.000 min
Response: 1426545
Conc: 282.72 ug/L



#4 1,3,5-Trinitrobenzene

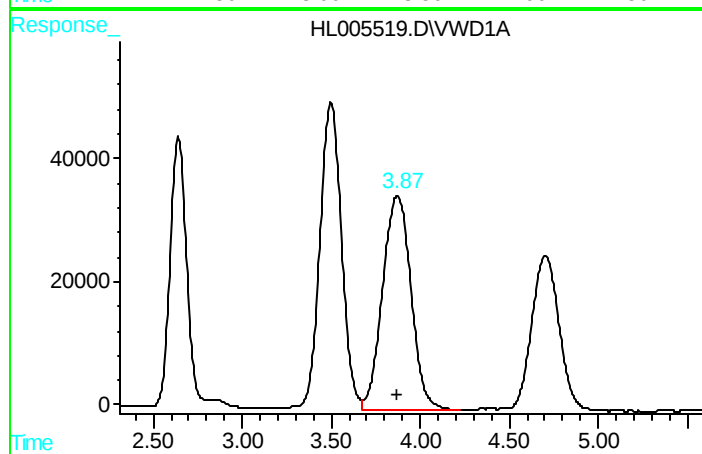
R.T.: 2.642 min
Delta R.T.: 0.000 min
Response: 3013084
Conc: 270.29 ug/L



#5 1,3-Dinitrobenzene

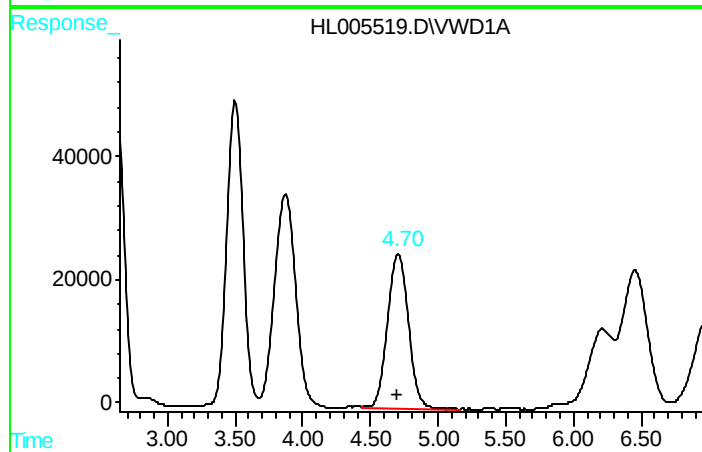
R.T.: 3.499 min
Delta R.T.: 0.002 min
Response: 4208452
Conc: 269.35 ng/ml

Instrument :
HPLC_L
ClientSampleId :
PB70694BS



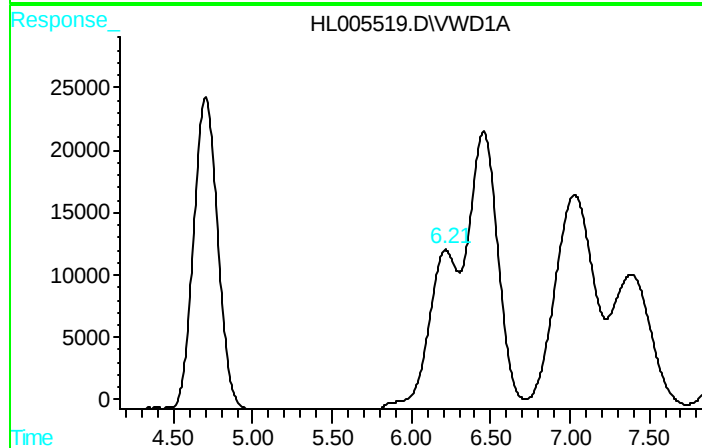
#6 3,5-Dinitroaniline

R.T.: 3.872 min
Delta R.T.: 0.002 min
Response: 3849258
Conc: 275.57 ug/L



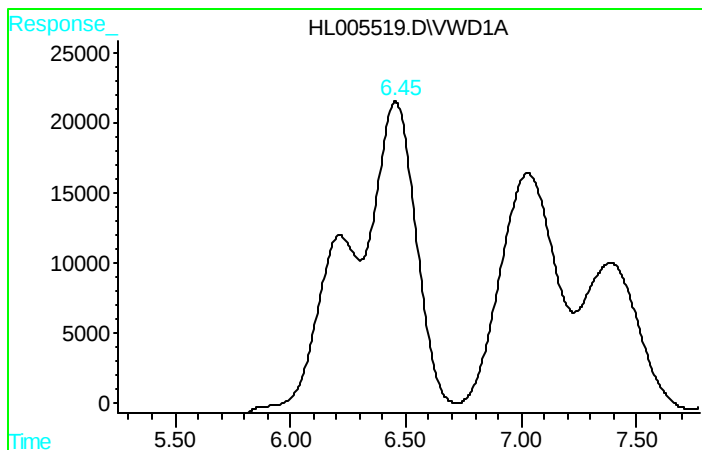
#7 Nitrobenzene

R.T.: 4.703 min
Delta R.T.: 0.002 min
Response: 2661846
Conc: 267.41 ug/L



#8 Tetryl

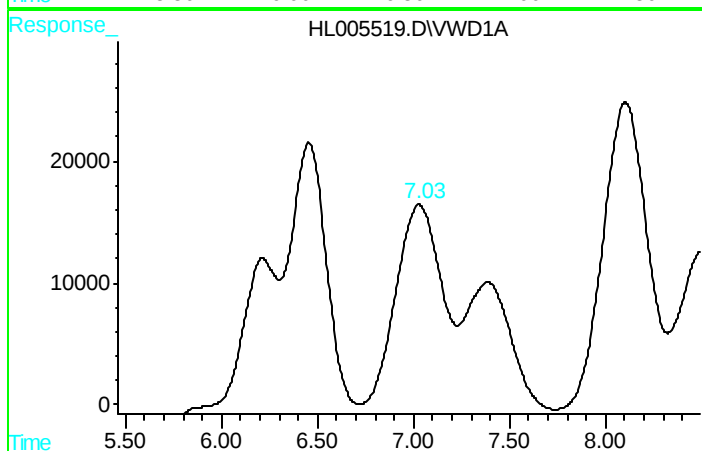
R.T.: 6.215 min
Delta R.T.: 0.004 min
Response: 1631490
Conc: 256.67 ug/L



#9 2,4,6-Trinitrotoluene

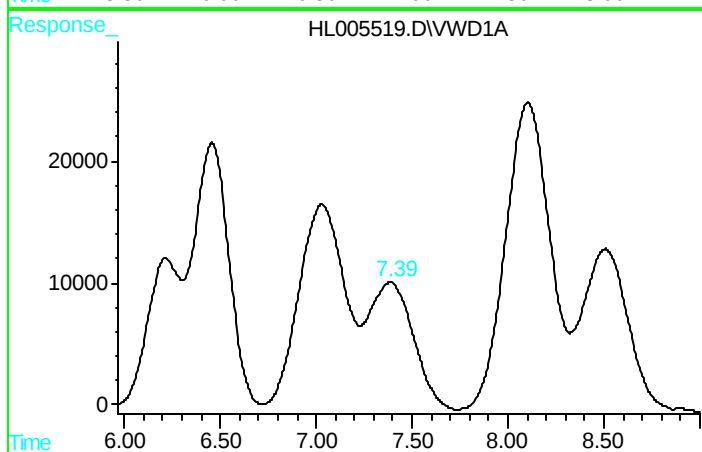
R.T.: 6.456 min
Delta R.T.: 0.002 min
Response: 3014823
Conc: 256.75 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB70694BS



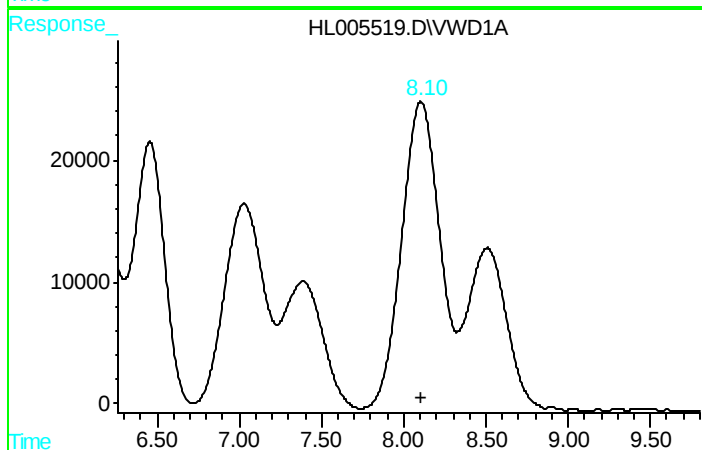
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.030 min
Delta R.T.: 0.003 min
Response: 2960485
Conc: 251.81 ug/L



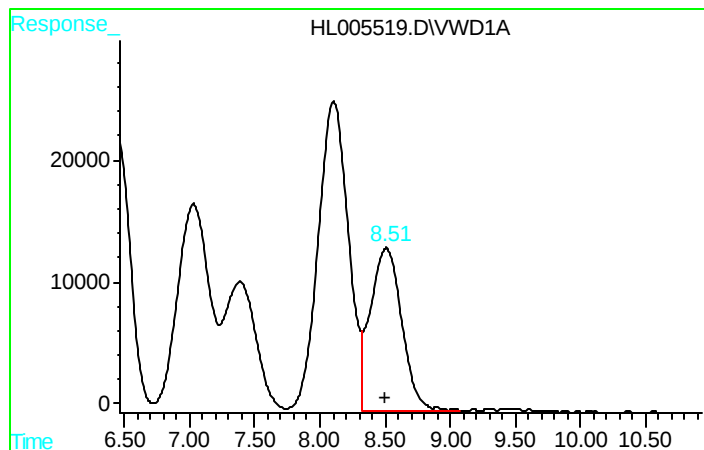
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 1842967
Conc: 284.34 ug/L



#12 2,4-Dinitrotoluene

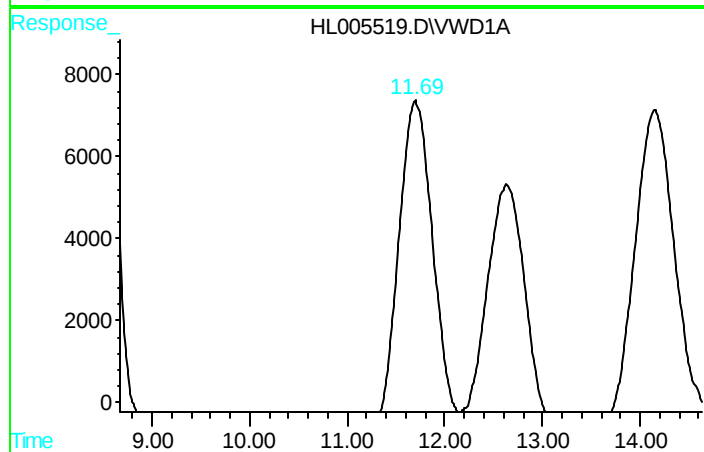
R.T.: 8.105 min
Delta R.T.: 0.003 min
Response: 4155087
Conc: 277.60 ug/L



#13 2,6-Dinitrotoluene

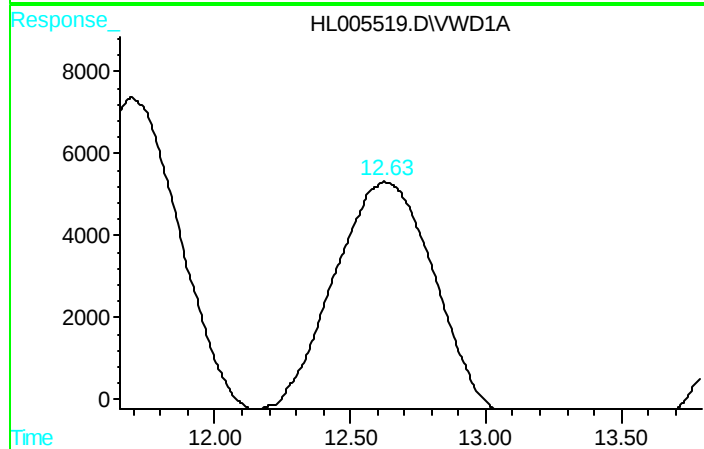
R.T.: 8.508 min
Delta R.T.: 0.002 min
Response: 2250471
Conc: 269.03 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB70694BS



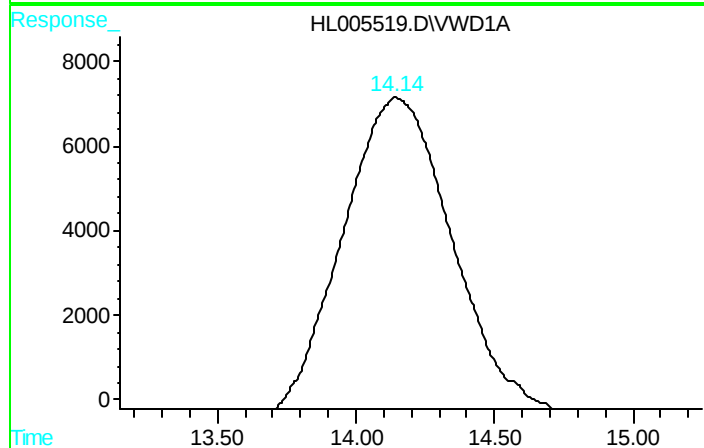
#14 2-Nitrotoluene

R.T.: 11.694 min
Delta R.T.: 0.003 min
Response: 2092897
Conc: 327.90 ug/L



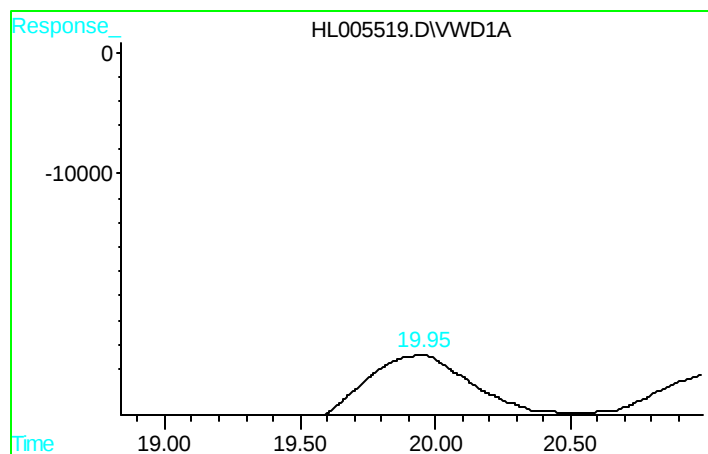
#15 4-Nitrotoluene

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 1790930
Conc: 331.97 ug/L



#16 3-Nitrotoluene

R.T.: 14.143 min
Delta R.T.: -0.001 min
Response: 2147571
Conc: 309.03 ug/L m



#17 PETN

R.T.: 19.950 min
Delta R.T.: 0.001 min
Response: 2391413
Conc: 234.10 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB70694BS