

Data Path : X:\HPCHEM1\HPLC_L\Data\HL061512\
Data File : HL003310.D
Signal(s) : VWD1A.CH
Acq On : 15-Jun-2012, 23:45
Operator : HLM
Sample : 8330-CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

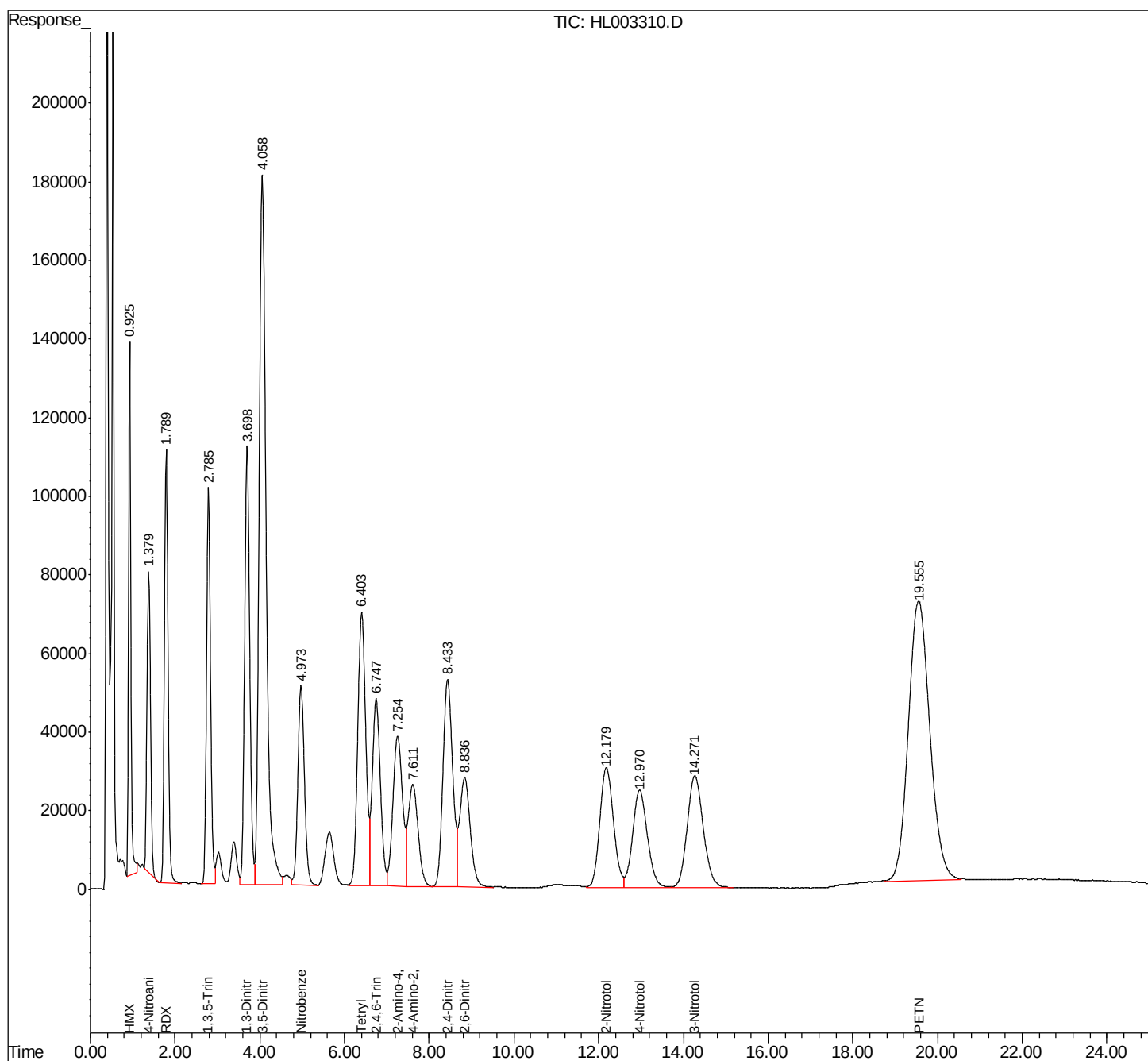
Instrument :
HPLC_L
ClientSampleId :
CCAL05

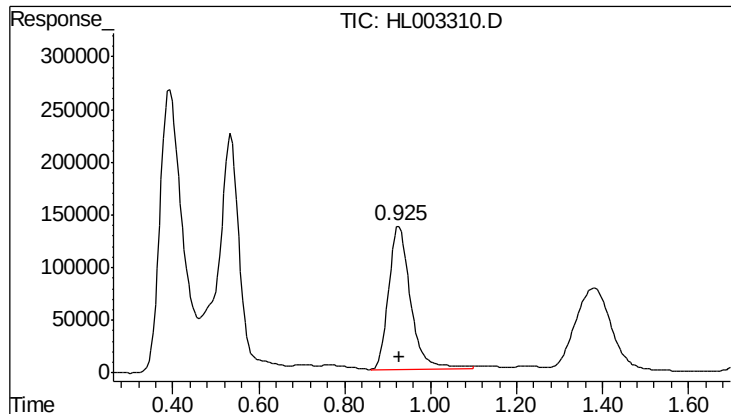
Manual Integrations
APPROVED

AHPatel
6/27/2012 12:44:52 AM

Integration File: events.e
Quant Time: Jun 23 03:47:00 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL060712.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Fri Jun 22 17:39:50 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





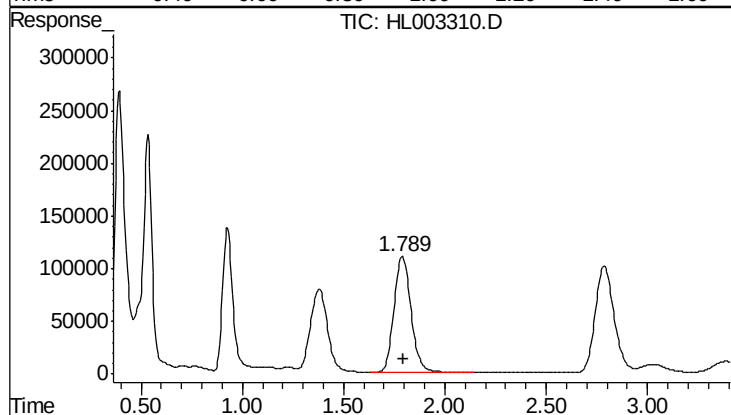
#2 HMX

R.T.: 0.927 min
Delta R.T.: -0.001 min
Response: 4788218
Conc: 1033.57 ug/L

Instrument :
HPLC_L
ClientSampleId :
CCAL05

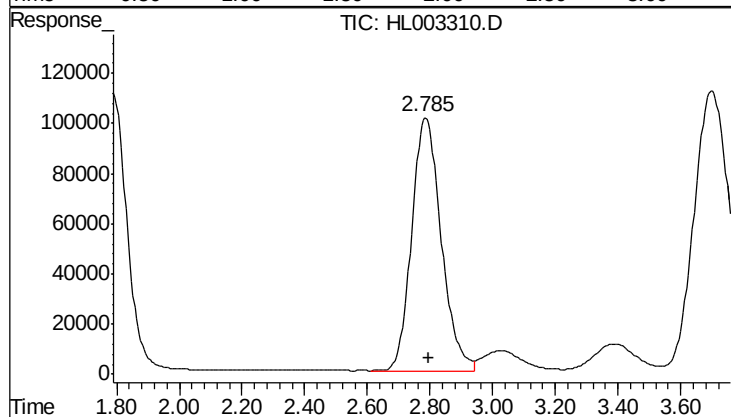
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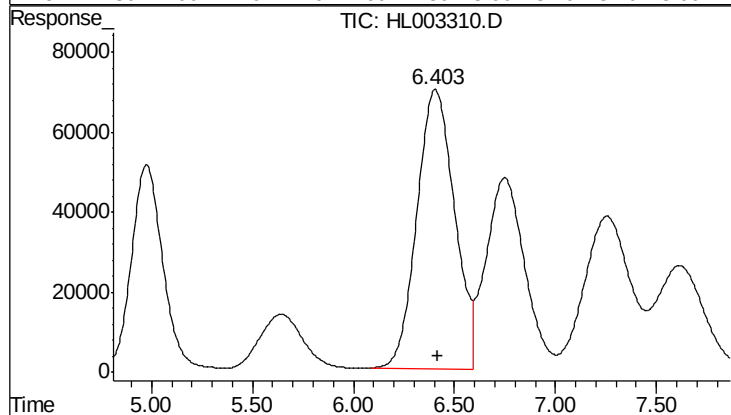
#3 RDX

R.T.: 1.791 min
Delta R.T.: -0.001 min
Response: 6442128
Conc: 1134.37 ug/L



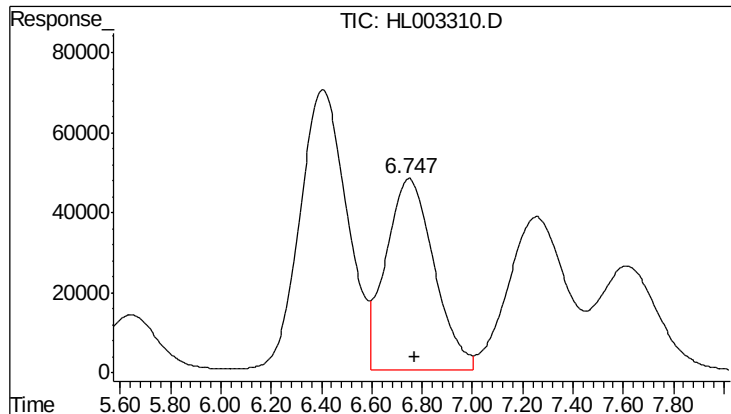
#4 1,3,5-Trinitrobenzene

R.T.: 2.787 min
Delta R.T.: -0.010 min
Response: 6572531
Conc: 538.44 ug/L



#5 Tetryl

R.T.: 6.406 min
Delta R.T.: -0.010 min
Response: 9067397
Conc: 1017.01 ug/L



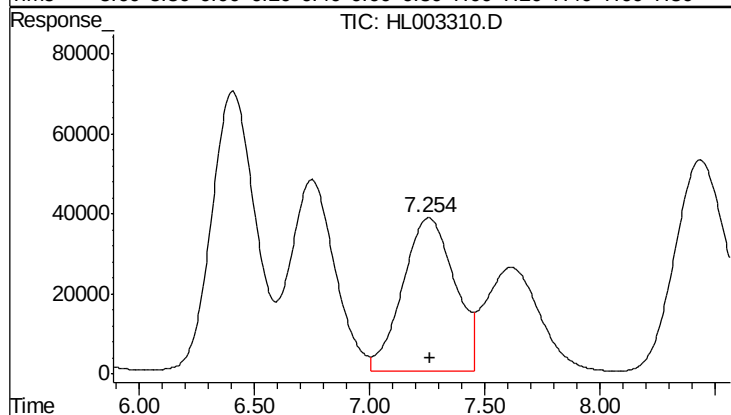
#6 2,4,6-Trinitrotoluene

R.T.: 6.749 min
Delta R.T.: -0.024 min
Response: 6349785
Conc: 539.07 ug/L

Instrument :
HPLC_L
ClientSampleId :
CCAL05

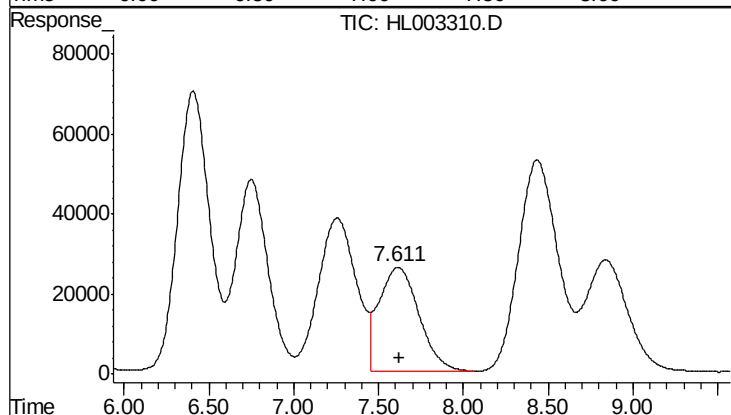
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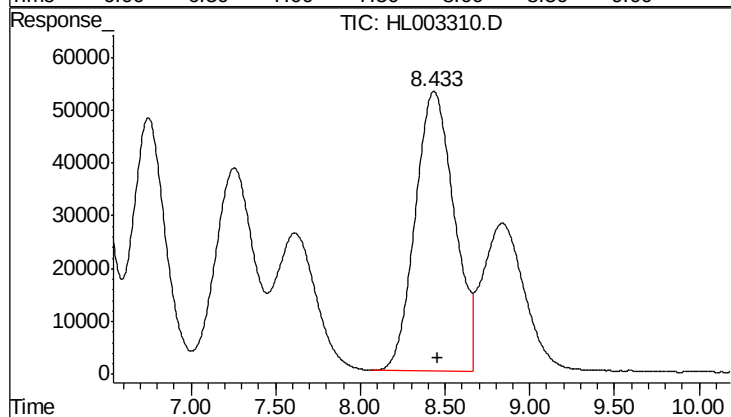
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.256 min
Delta R.T.: -0.008 min
Response: 5967343
Conc: 534.34 ug/L



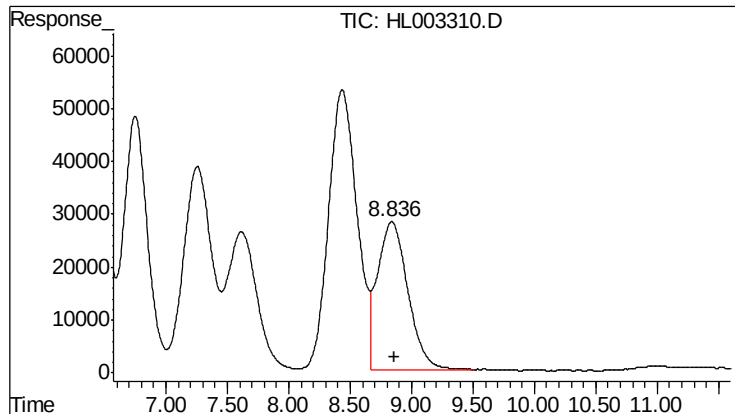
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.614 min
Delta R.T.: -0.009 min
Response: 4275195
Conc: 566.50 ug/L



#9 2,4-Dinitrotoluene

R.T.: 8.435 min
Delta R.T.: -0.026 min
Response: 8485219
Conc: 535.76 ug/L



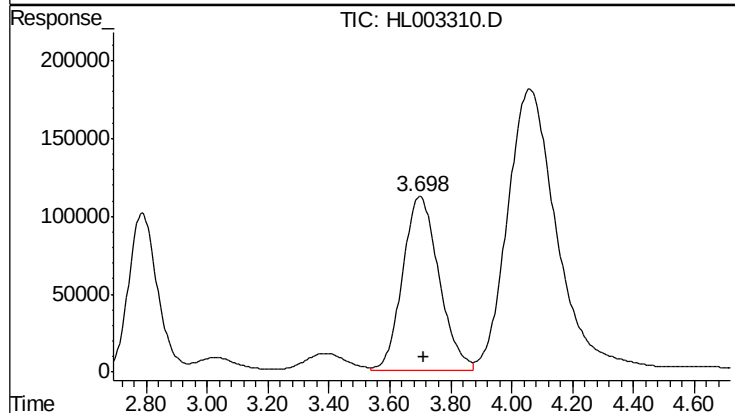
#10 2,6-Dinitrotoluene

R.T.: 8.838 min
 Delta R.T.: -0.027 min
 Response: 4839706
 Conc: 549.83 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 CCAL05

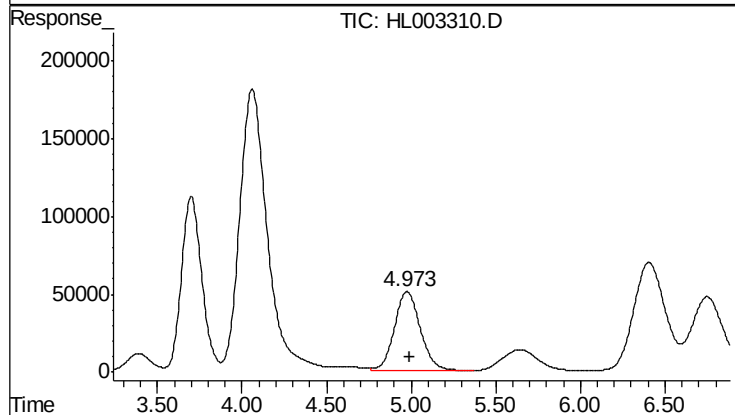
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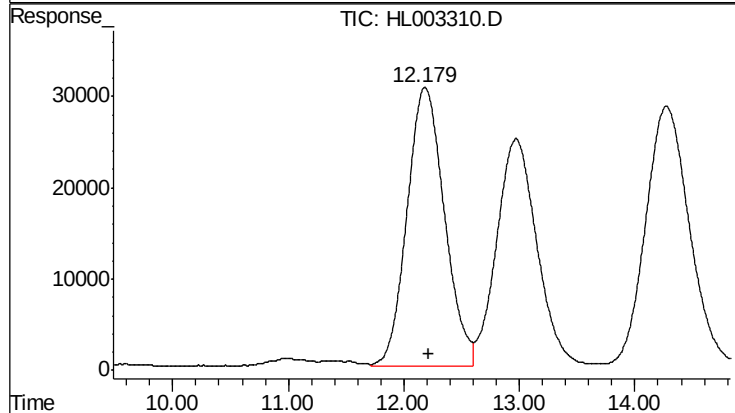
#11 1,3-Dinitrobenzene

R.T.: 3.700 min
 Delta R.T.: -0.011 min
 Response: 9248480
 Conc: 556.95 ug/L



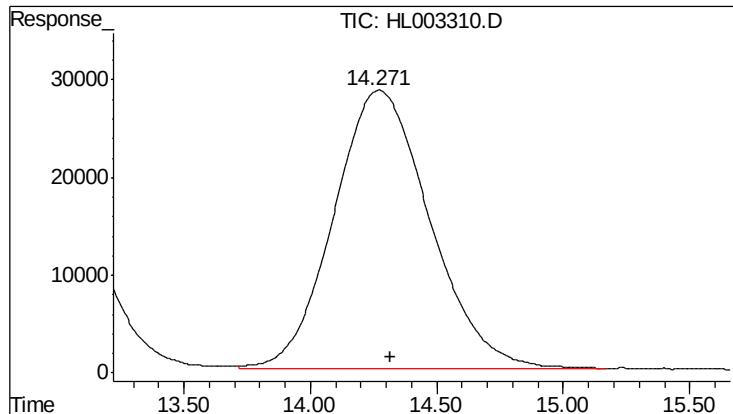
#12 Nitrobenzene

R.T.: 4.975 min
 Delta R.T.: -0.013 min
 Response: 5403029
 Conc: 482.39 ug/L



#13 2-Nitrotoluene

R.T.: 12.182 min
 Delta R.T.: -0.034 min
 Response: 6899790
 Conc: 989.14 ug/L



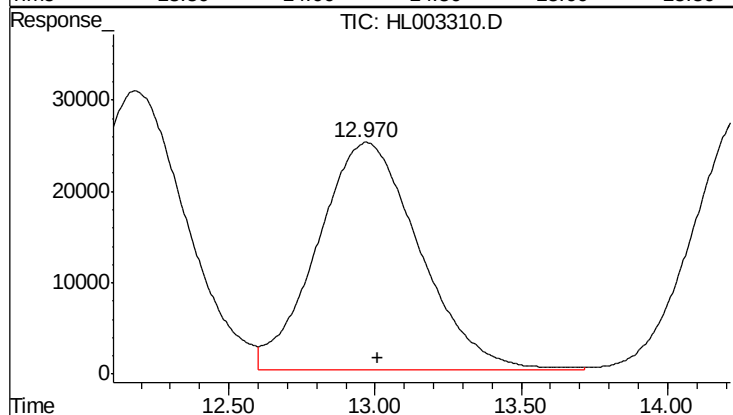
#14 3-Nitrotoluene

R.T.: 14.272 min
Delta R.T.: -0.043 min
Response: 7563340
Conc: 1024.22 ug/L

Instrument :
HPLC_L
ClientSampleId :
CCAL05

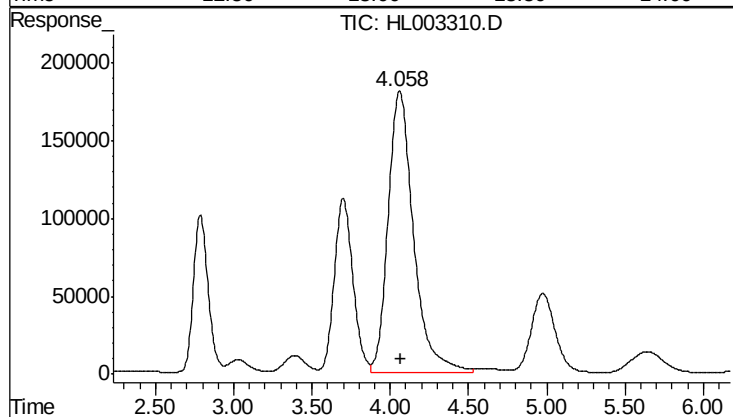
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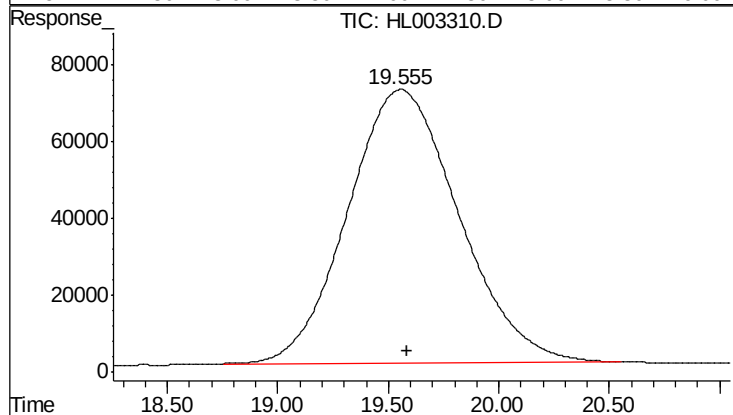
#15 4-Nitrotoluene

R.T.: 12.972 min
Delta R.T.: -0.036 min
Response: 6069376
Conc: 1020.77 ug/L



#16 3,5-Dinitroaniline

R.T.: 4.060 min
Delta R.T.: -0.005 min
Response: 20451079
Conc: 1075.37 ug/L



#18 PETN

R.T.: 19.555 min
Delta R.T.: -0.030 min
Response: 24950959
Conc: 2590.35 ug/L m

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 ALS Vial : 2 Sample Multiplier: 1

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 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.381	4325706	1189.402 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 396.47%#
Target Compounds			
2) T HMX	0.927	4788218	1033.573 ug/L
3) T RDX	1.791	6442128	1134.374 ug/L
4) T 1,3,5-Trinitrobenzene	2.787	6572531	538.439 ug/L
5) T Tetryl	6.406	9067397	1017.011 ug/L
6) T 2,4,6-Trinitrotoluene	6.749	6349785	539.070 ug/L
7) T 2-Amino-4,6-dinitroto...	7.256	5967343	534.336 ug/L
8) T 4-Amino-2,6-dinitroto...	7.614	4275195	566.495 ug/L
9) T 2,4-Dinitrotoluene	8.435	8485219	535.760 ug/L
10) T 2,6-Dinitrotoluene	8.838	4839706	549.832 ug/L
11) T 1,3-Dinitrobenzene	3.700	9248480	556.953 ug/L
12) T Nitrobenzene	4.975	5403029	482.389 ug/L
13) T 2-Nitrotoluene	12.182	6899790	989.144 ug/L
14) T 3-Nitrotoluene	14.272	7563340	1024.218 ug/L
15) T 4-Nitrotoluene	12.972	6069376	1020.771 ug/L
16) T 3,5-Dinitroaniline	4.060	20451079	1075.375 ug/L
18) T PETN	19.555	24950959	2590.346 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.