

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL092916\
 Data File : HL006434.D
 Signal(s) : vwd1A.ch
 Acq On : 30-Sep-2016, 00:00
 Operator : UM/MA
 Sample : HSTDICCC0500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 HSTDICCC0500

Manual Integrations
 APPROVED

sohil
 9/30/2016 7:06:22 PM

Integration File: AUTOINT1.E
 Quant Time: Sep 30 08:52:51 2016
 Quant Method : Z:\HPCHEM1\HPLC_L\Methods\HL092816.M
 Quant Title :
 QLast Update : Thu Sep 29 16:24:57 2016
 Response via : Initial Calibration
 Integrator: ChemStation

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	2.163	927858	487.246 ug/L m
Target Compounds			
2) T HMX	1.309	2577475	486.821 ug/L
3) T RDX	2.261	5388915	512.829 ug/L m
4) T 1,3,5-Trinitrobenzene	3.669	6968120	489.730 ug/L
5) T 1,3-Dinitrobenzene	4.866	10856957	490.542 ng/ml
6) T 3,5-Dinitroaniline	5.592	8441324	486.938 ug/L
7) T Nitrobenzene	6.307	6238580	483.367 ug/L
8) T Tetryl	8.283	5350891	475.271 ug/L
9) T 2,4,6-Trinitrotoluene	8.815	6401796	481.823 ug/L
10) T 2-Amino-4,6-dinitroto...	10.004f	6929771	492.500 ug/L
11) T 4-Amino-2,6-dinitroto...	10.562f	4709151	503.193 ug/L
12) T 2,4-Dinitrotoluene	11.329	10653913	505.208 ug/L
13) T 2,6-Dinitrotoluene	11.694f	5192185	520.799 ug/L
14) T 2-Nitrotoluene	15.883f	11965258	482.507 ug/L
15) T 4-Nitrotoluene	17.253f	9541494	476.801 ug/L m
16) T 3-Nitrotoluene	18.682f	13588576	493.186 ug/L m
17) T PETN	19.417f	5372025	477.102 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL092916\
Data File : HL006434.D
Signal(s) : vwd1A.ch
Acq On : 30-Sep-2016, 00:00
Operator : UM/MA
Sample : HSTDICCC0500
Misc :
ALS Vial : 4 Sample Multiplier: 1

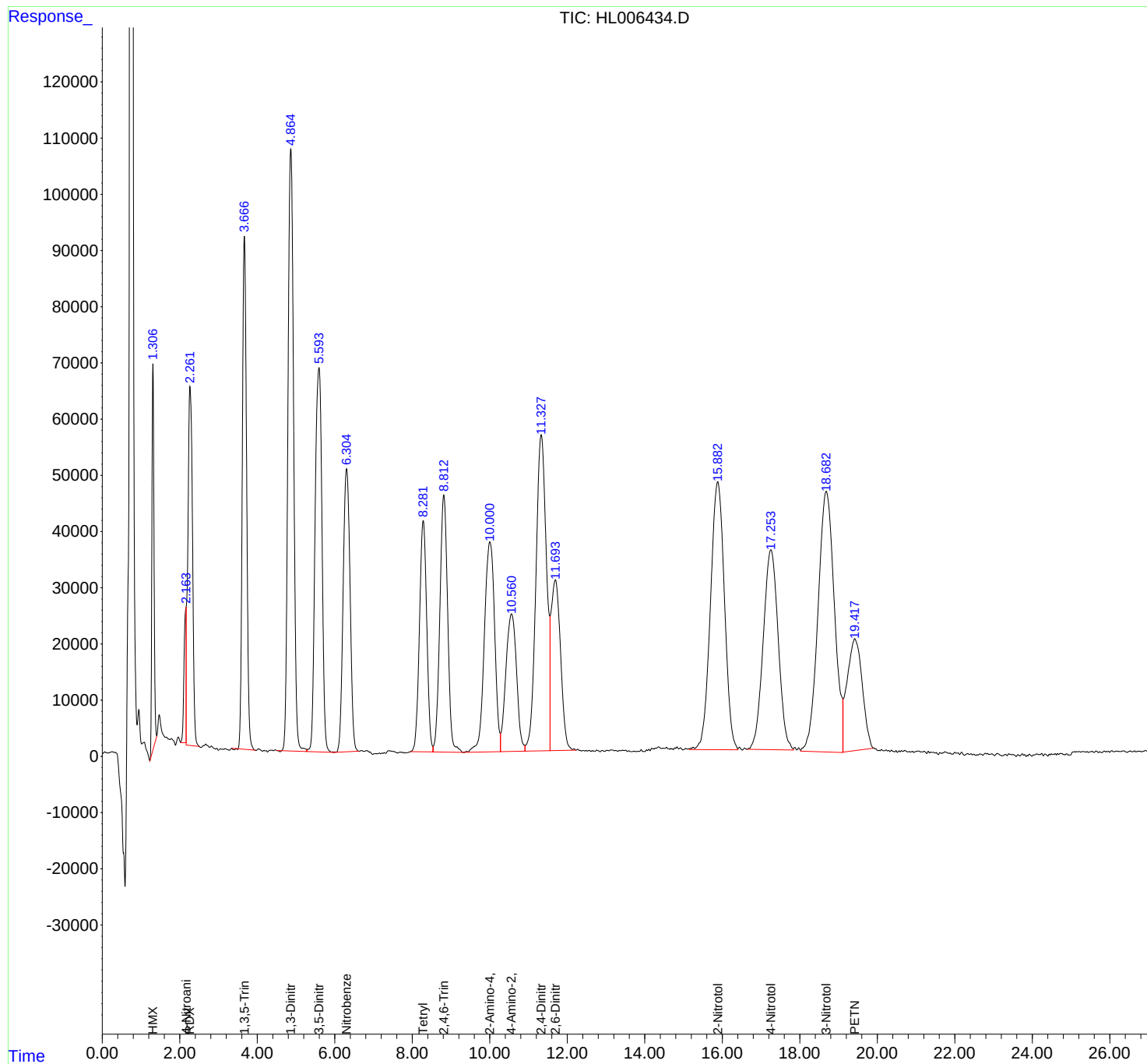
Instrument :
HPLC_L
ClientSampleId :
HSTDICCC0500

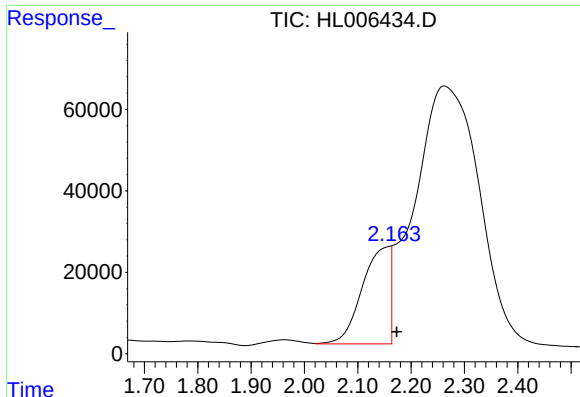
Manual Integrations
APPROVED

sohil
9/30/2016 7:06:22 PM

Integration File: AUTOINT1.E
Quant Time: Sep 30 08:52:51 2016
Quant Method : Z:\HPCHEM1\HPLC_L\Methods\HL092816.M
Quant Title :
QLast Update : Thu Sep 29 16:24:57 2016
Response via : Initial Calibration
Integrator: ChemStation

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





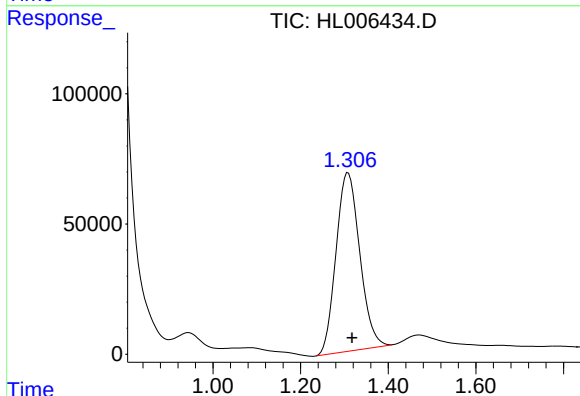
#1 4-Nitroaniline

R.T.: 2.163 min
Delta R.T.: -0.010 min
Response: 927858
Conc: 487.25 ug/L m

Instrument :
HPLC_L
ClientSampleId :
HSTDICCC0500

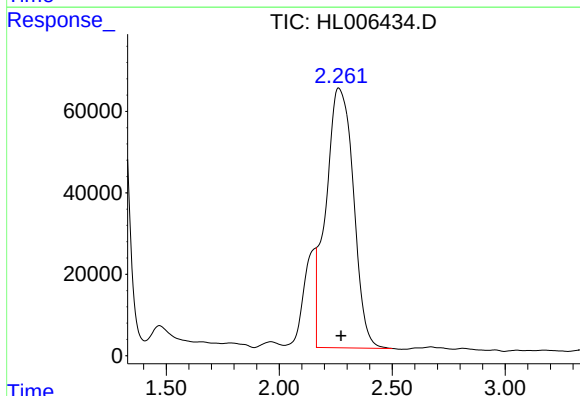
Manual Integrations
APPROVED

sohil
9/30/2016 7:06:22 PM



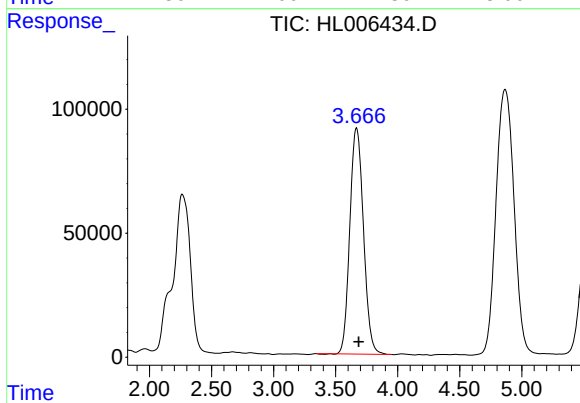
#2 HMX

R.T.: 1.309 min
Delta R.T.: -0.008 min
Response: 2577475
Conc: 486.82 ug/L



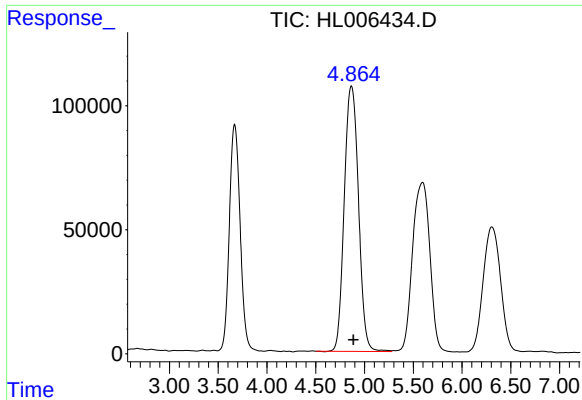
#3 RDX

R.T.: 2.261 min
Delta R.T.: -0.013 min
Response: 5388915
Conc: 512.83 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.669 min
Delta R.T.: -0.018 min
Response: 6968120
Conc: 489.73 ug/L



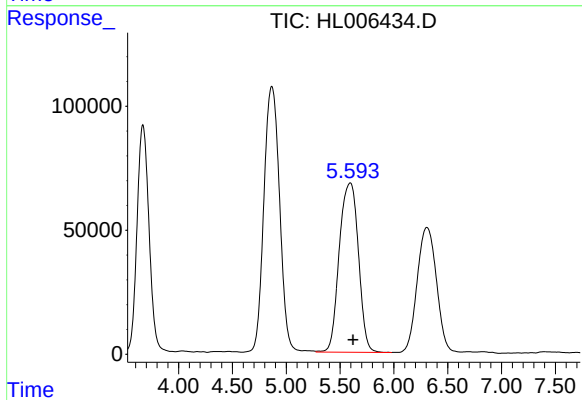
#5 1,3-Dinitrobenzene

R.T.: 4.866 min
Delta R.T.: -0.021 min
Response: 10856957
Conc: 490.54 ng/ml

Instrument :
HPLC_L
ClientSampleId :
HSTDICCC0500

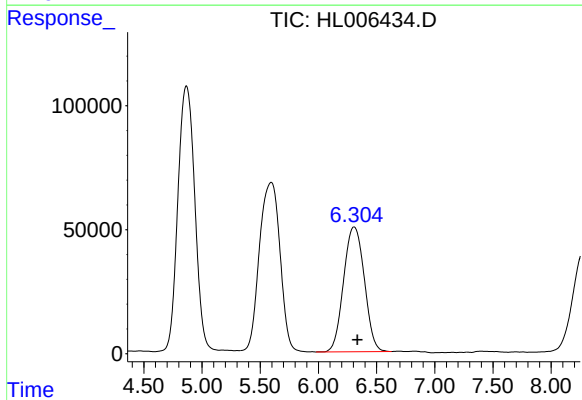
Manual Integrations
APPROVED

sohil
9/30/2016 7:06:22 PM



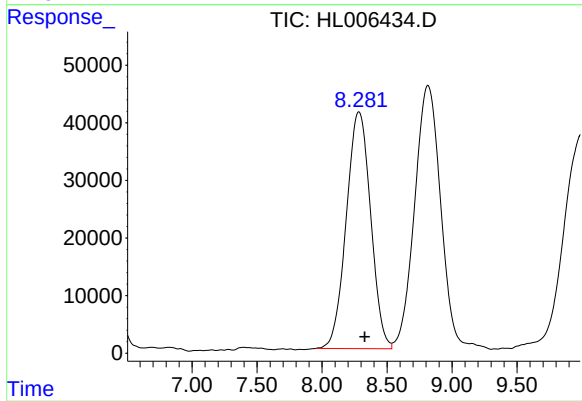
#6 3,5-Dinitroaniline

R.T.: 5.592 min
Delta R.T.: -0.031 min
Response: 8441324
Conc: 486.94 ug/L



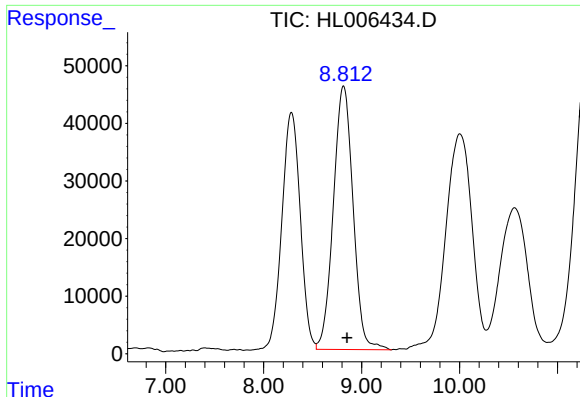
#7 Nitrobenzene

R.T.: 6.307 min
Delta R.T.: -0.029 min
Response: 6238580
Conc: 483.37 ug/L



#8 Tetryl

R.T.: 8.283 min
Delta R.T.: -0.045 min
Response: 5350891
Conc: 475.27 ug/L



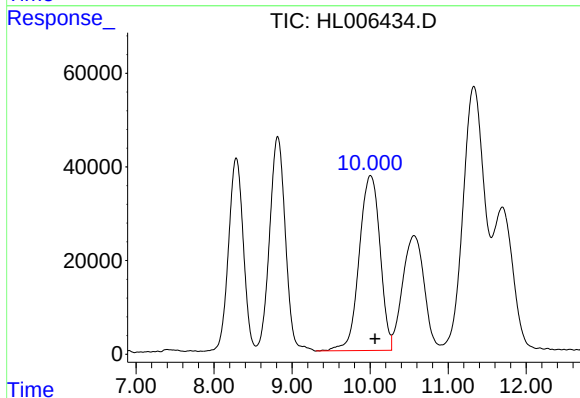
#9 2,4,6-Trinitrotoluene

R.T.: 8.815 min
Delta R.T.: -0.038 min
Response: 6401796
Conc: 481.82 ug/L

Instrument :
HPLC_L
ClientSampleId :
HSTDICCC0500

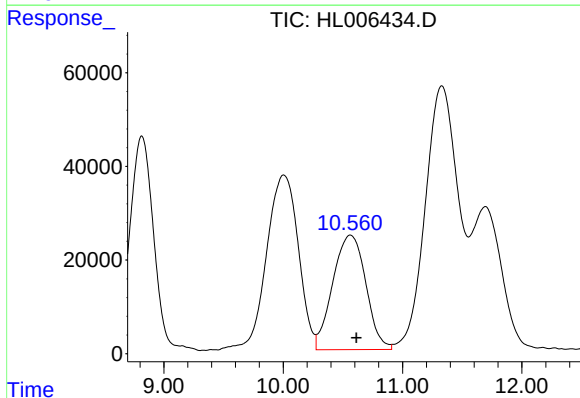
Manual Integrations
APPROVED

sohil
9/30/2016 7:06:22 PM



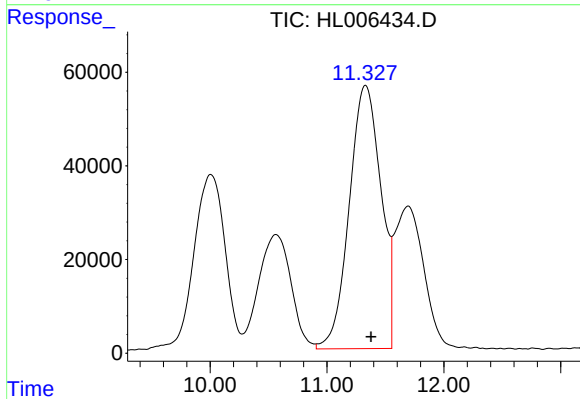
#10 2-Amino-4,6-dinitrotoluene

R.T.: 10.004 min
Delta R.T.: -0.062 min
Response: 6929771
Conc: 492.50 ug/L



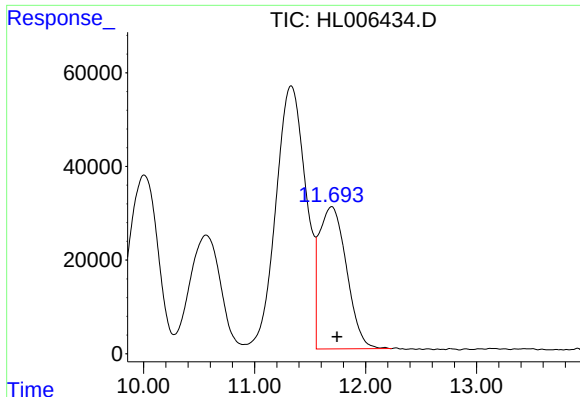
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.562 min
Delta R.T.: -0.051 min
Response: 4709151
Conc: 503.19 ug/L



#12 2,4-Dinitrotoluene

R.T.: 11.329 min
Delta R.T.: -0.049 min
Response: 10653913
Conc: 505.21 ug/L



#13 2,6-Dinitrotoluene

R.T.: 11.694 min

Delta R.T.: -0.051 min

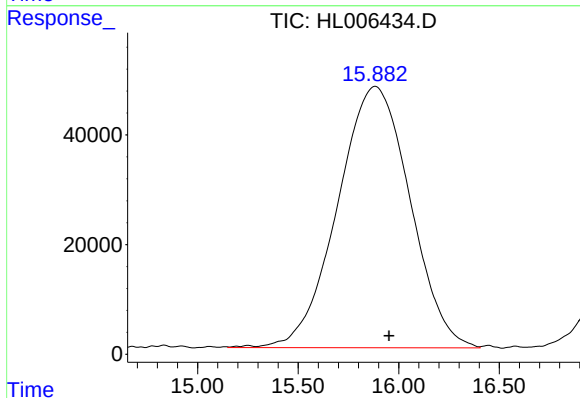
Response: 5192185

Conc: 520.80 ug/L

Instrument :
HPLC_L
ClientSampleId :
HSTDICCC0500

Manual Integrations
APPROVED

sohil
9/30/2016 7:06:22 PM



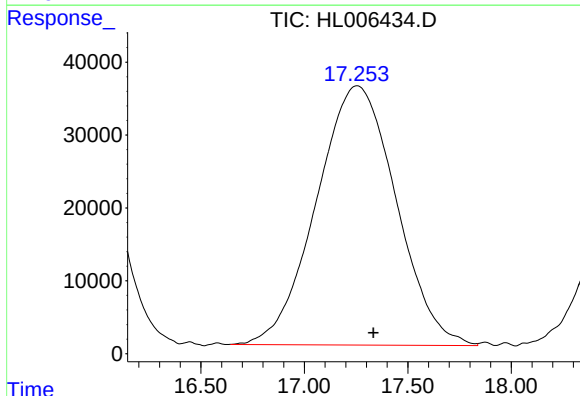
#14 2-Nitrotoluene

R.T.: 15.883 min

Delta R.T.: -0.069 min

Response: 11965258

Conc: 482.51 ug/L



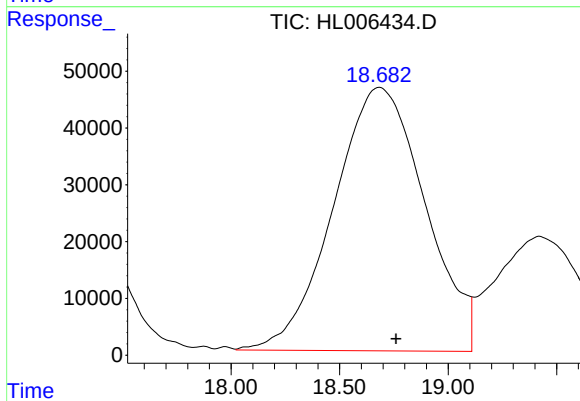
#15 4-Nitrotoluene

R.T.: 17.253 min

Delta R.T.: -0.080 min

Response: 9541494

Conc: 476.80 ug/L m



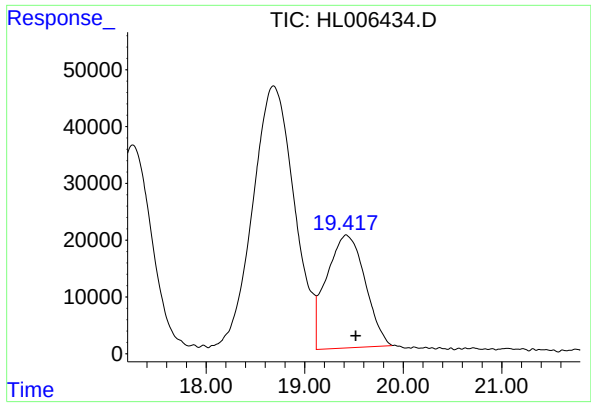
#16 3-Nitrotoluene

R.T.: 18.682 min

Delta R.T.: -0.078 min

Response: 13588576

Conc: 493.19 ug/L m



#17 PETN

R.T.: 19.417 min
Delta R.T.: -0.101 min
Response: 5372025
Conc: 477.10 ug/L m

Instrument :
HPLC_L
ClientSampleId :
HSTDICCC0500

Manual Integrations
APPROVED

sohil
9/30/2016 7:06:22 PM