

Data Path : Z:\HPCHEM1\HPLC\_L\Data\HL031615\  
 Data File : HL006146.D  
 Signal(s) : vwd1A.ch  
 Acq On : 16-Mar-2015, 19:13  
 Operator : TP/IZ  
 Sample : PB82034BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 PB82034BS

Integration File: AUTOINT1.E  
 Quant Time: Mar 17 08:58:06 2015  
 Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL031615.M  
 Quant Title :  
 QLast Update : Tue Mar 17 08:58:03 2015  
 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            | 2.549  | 6598822  | 494.342 ug/L  |
| Target Compounds               |        |          |               |
| 2) T HMX                       | 1.455  | 3575141  | 610.275 ug/L  |
| 3) T RDX                       | 2.549  | 6598822  | 494.342 ug/L  |
| 4) T 1,3,5-Trinitrobenzene     | 4.068  | 7605220  | 515.208 ug/L  |
| 5) T 1,3-Dinitrobenzene        | 5.395  | 11649232 | 511.656 ng/ml |
| 6) T 3,5-Dinitroaniline        | 6.326  | 8510634  | 476.407 ug/L  |
| 7) T Nitrobenzene              | 6.947  | 6969700  | 511.339 ug/L  |
| 8) T Tetryl                    | 9.541  | 3651782  | 362.712 ug/L  |
| 9) T 2,4,6-Trinitrotoluene     | 9.971  | 6764190  | 466.894 ug/L  |
| 10) T 2-Amino-4,6-dinitroto... | 11.570 | 7693336  | 473.953 ug/L  |
| 11) T 4-Amino-2,6-dinitroto... | 12.169 | 5010034  | 501.305 ug/L  |
| 12) T 2,4-Dinitrotoluene       | 12.822 | 11038653 | 527.419 ug/L  |
| 13) T 2,6-Dinitrotoluene       | 13.251 | 5751896  | 530.249 ug/L  |
| 14) T 2-Nitrotoluene           | 17.828 | 12839723 | 475.452 ug/L  |
| 15) T 4-Nitrotoluene           | 19.375 | 9425572  | 563.344 ug/L  |
| 16) T 3-Nitrotoluene           | 20.956 | 13637224 | 489.984 ug/L  |
| 17) T PETN                     | 21.735 | 5559709  | 466.827 ug/L  |
| -----                          |        |          |               |

(f)=RT Delta > 1/2 Window

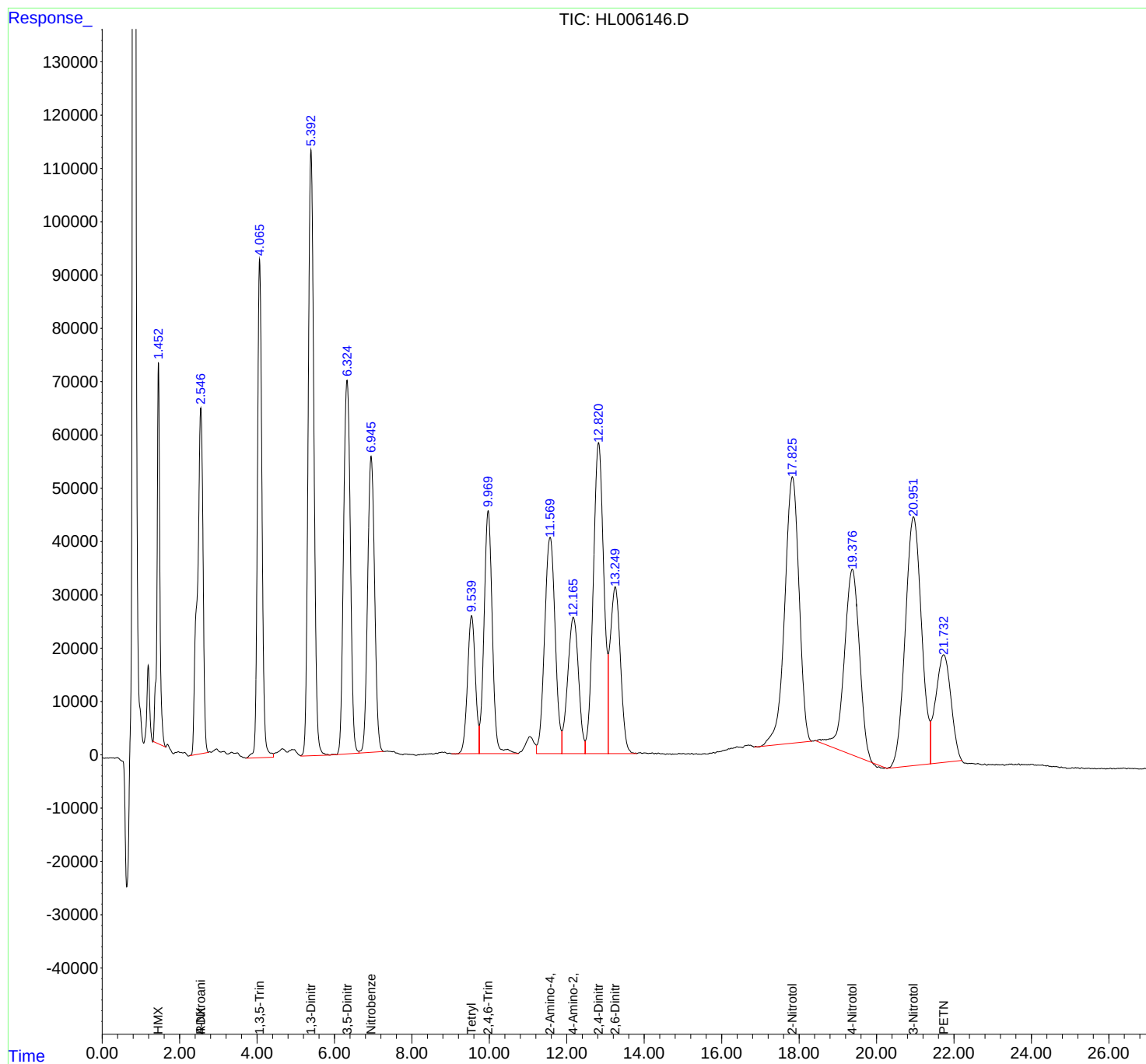
(m)=manual int.

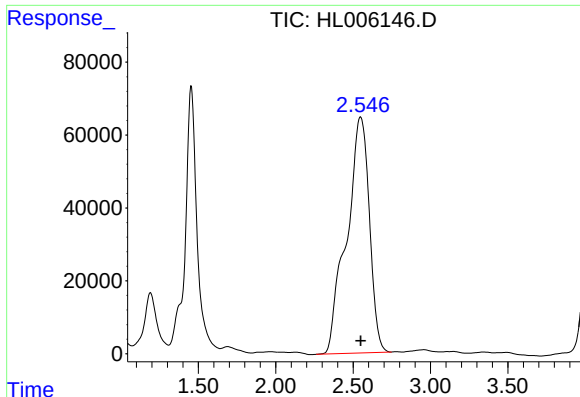
Data Path : Z:\HPCHEM1\HPLC\_L\Data\HL031615\  
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Signal(s) : vwd1A.ch  
Acq On : 16-Mar-2015, 19:13  
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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
HPLC\_L  
ClientSampleId :  
PB82034BS

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

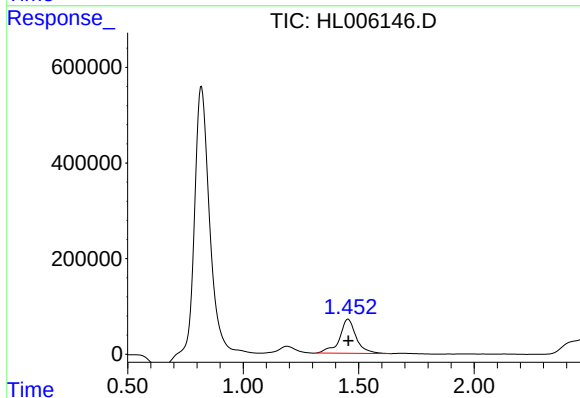




#1 4-Nitroaniline

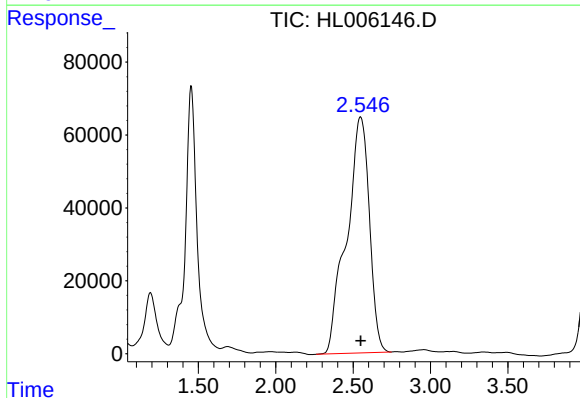
R.T.: 2.549 min  
Delta R.T.: 0.000 min  
Response: 6598822  
Conc: 494.34 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB82034BS



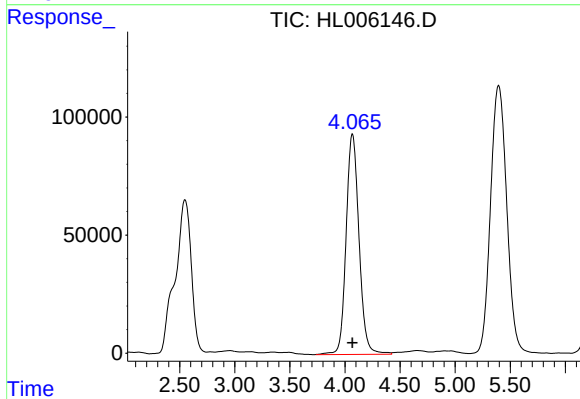
#2 HMX

R.T.: 1.455 min  
Delta R.T.: 0.000 min  
Response: 3575141  
Conc: 610.27 ug/L



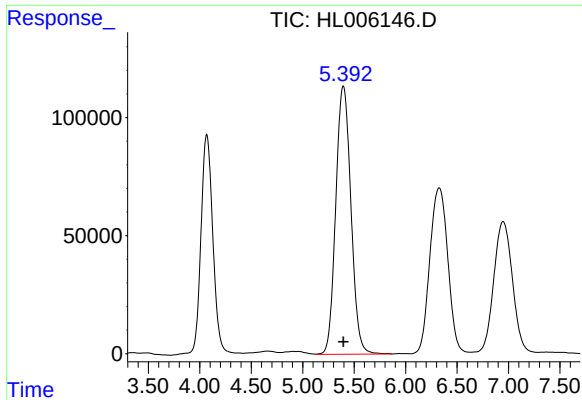
#3 RDX

R.T.: 2.549 min  
Delta R.T.: 0.000 min  
Response: 6598822  
Conc: 494.34 ug/L



#4 1,3,5-Trinitrobenzene

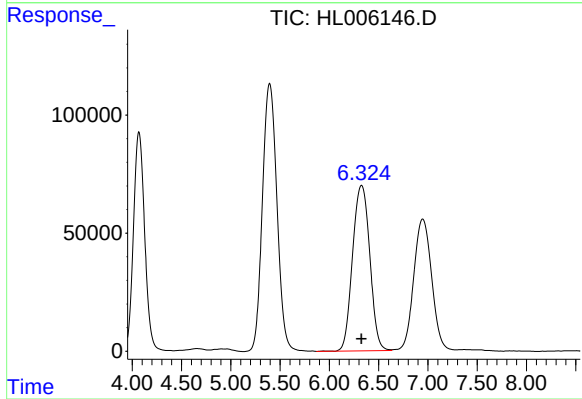
R.T.: 4.068 min  
Delta R.T.: 0.000 min  
Response: 7605220  
Conc: 515.21 ug/L



#5 1,3-Dinitrobenzene

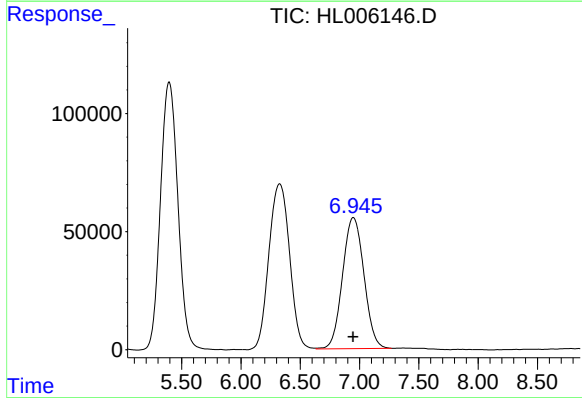
R.T.: 5.395 min  
Delta R.T.: 0.000 min  
Response: 11649232  
Conc: 511.66 ng/ml

Instrument :  
HPLC\_L  
ClientSampleId :  
PB82034BS



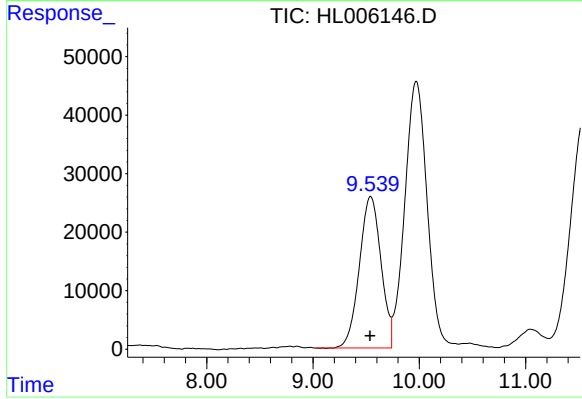
#6 3,5-Dinitroaniline

R.T.: 6.326 min  
Delta R.T.: 0.000 min  
Response: 8510634  
Conc: 476.41 ug/L



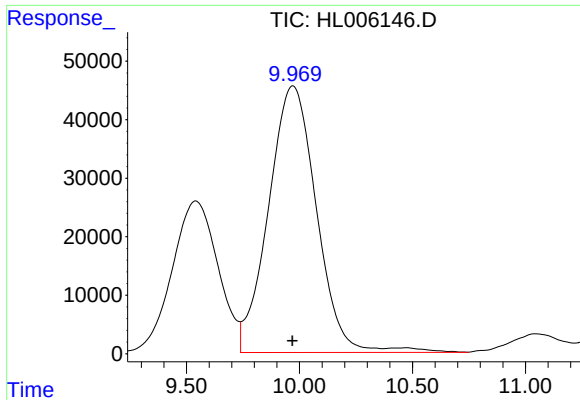
#7 Nitrobenzene

R.T.: 6.947 min  
Delta R.T.: 0.000 min  
Response: 6969700  
Conc: 511.34 ug/L



#8 Tetryl

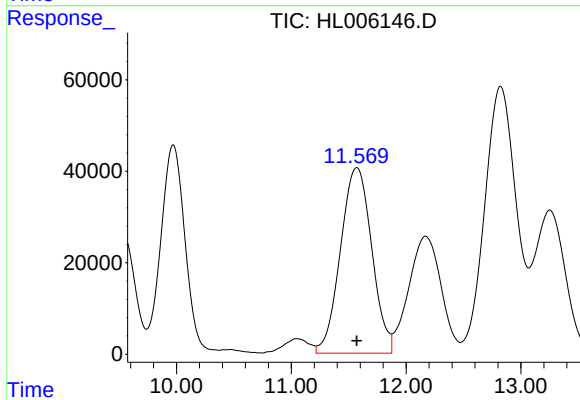
R.T.: 9.541 min  
Delta R.T.: 0.003 min  
Response: 3651782  
Conc: 362.71 ug/L



#9 2,4,6-Trinitrotoluene

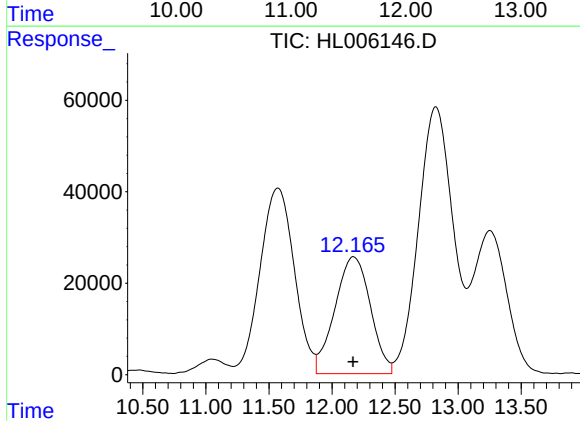
R.T.: 9.971 min  
Delta R.T.: 0.002 min  
Response: 6764190  
Conc: 466.89 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB82034BS



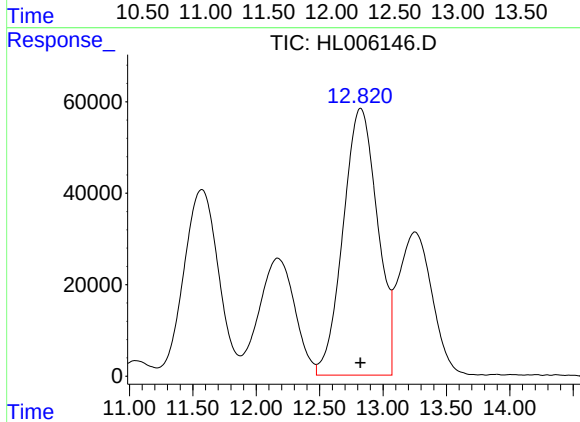
#10 2-Amino-4,6-dinitrotoluene

R.T.: 11.570 min  
Delta R.T.: 0.000 min  
Response: 7693336  
Conc: 473.95 ug/L



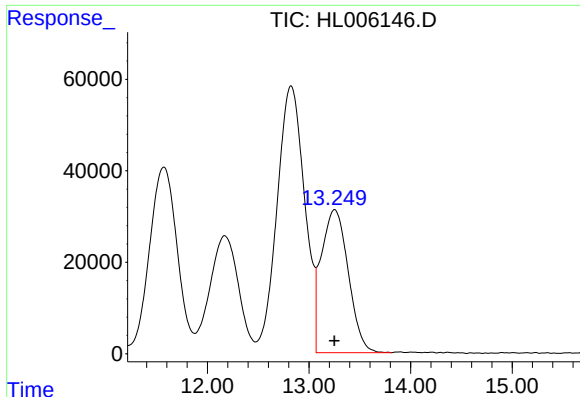
#11 4-Amino-2,6-dinitrotoluene

R.T.: 12.169 min  
Delta R.T.: 0.004 min  
Response: 5010034  
Conc: 501.30 ug/L



#12 2,4-Dinitrotoluene

R.T.: 12.822 min  
Delta R.T.: 0.002 min  
Response: 11038653  
Conc: 527.42 ug/L



#13 2,6-Dinitrotoluene

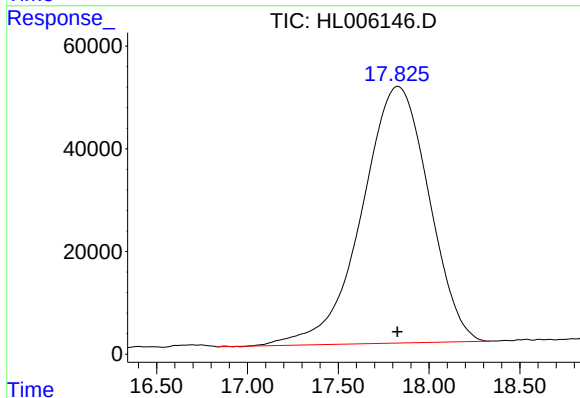
R.T.: 13.251 min

Delta R.T.: 0.001 min

Response: 5751896

Conc: 530.25 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB82034BS



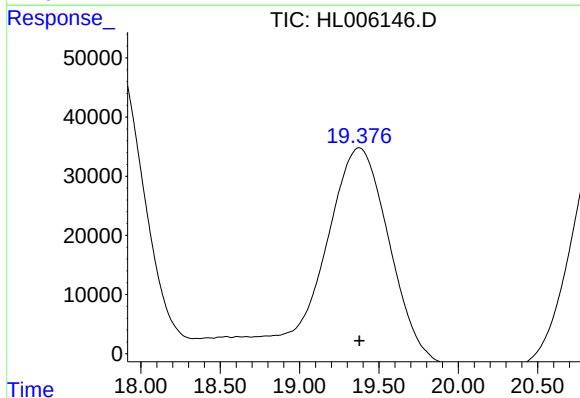
#14 2-Nitrotoluene

R.T.: 17.828 min

Delta R.T.: 0.002 min

Response: 12839723

Conc: 475.45 ug/L



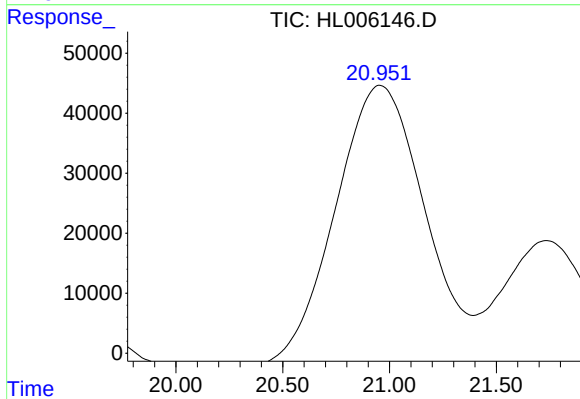
#15 4-Nitrotoluene

R.T.: 19.375 min

Delta R.T.: -0.001 min

Response: 9425572

Conc: 563.34 ug/L



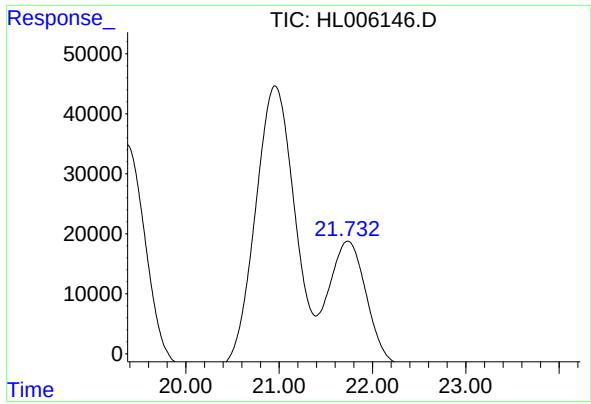
#16 3-Nitrotoluene

R.T.: 20.956 min

Delta R.T.: 0.005 min

Response: 13637224

Conc: 489.98 ug/L



#17 PETN

R.T.: 21.735 min  
Delta R.T.: 0.002 min  
Response: 5559709  
Conc: 466.83 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB82034BS