

Data Path : Z:\HPCHEM1\HPLC\_L\Data\HL031616\  
 Data File : HL006325.D  
 Signal(s) : vwd1A.ch  
 Acq On : 16-Mar-2016, 12:26  
 Operator : UM/MA  
 Sample : HSTDICV0500  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 ICV0HL31516

Manual Integrations  
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Integration File: AUTOINT1.E  
 Quant Time: Mar 16 14:33:34 2016  
 Quant Method : Z:\HPCHEM1\HPLC\_L\Methods\HL031516.M  
 Quant Title :  
 QLast Update : Wed Mar 16 14:33:26 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            | 2.236  | 892728   | 501.901 ug/L m |
| Target Compounds               |        |          |                |
| 2) T HMX                       | 1.330  | 2718718  | 541.481 ug/L   |
| 3) T RDX                       | 2.317  | 5338265  | 559.448 ug/L m |
| 4) T 1,3,5-Trinitrobenzene     | 3.682  | 7140584  | 545.335 ug/L m |
| 5) T 1,3-Dinitrobenzene        | 4.890  | 10784250 | 547.742 ng/ml  |
| 6) T 3,5-Dinitroaniline        | 5.703  | 8195583  | 540.901 ug/L   |
| 7) T Nitrobenzene              | 6.279  | 6219565  | 532.431 ug/L   |
| 8) T Tetryl                    | 8.384  | 4313742  | 564.937 ug/L   |
| 9) T 2,4,6-Trinitrotoluene     | 8.793  | 6819640  | 544.992 ug/L   |
| 10) T 2-Amino-4,6-dinitroto... | 10.072 | 6726596  | 509.406 ug/L   |
| 11) T 4-Amino-2,6-dinitroto... | 10.595 | 4252654  | 512.197 ug/L   |
| 12) T 2,4-Dinitrotoluene       | 11.243 | 9454924  | 509.335 ug/L m |
| 13) T 2,6-Dinitrotoluene       | 11.602 | 5105348  | 544.352 ug/L m |
| 14) T 2-Nitrotoluene           | 15.608 | 12253741 | 537.602 ug/L   |
| 15) T 4-Nitrotoluene           | 16.941 | 9725780  | 532.633 ug/L   |
| 16) T 3-Nitrotoluene           | 18.327 | 13006462 | 523.523 ug/L   |
| 17) T PETN                     | 19.233 | 6514232  | 527.156 ug/L   |
| -----                          |        |          |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UM/MA  
Sample : HSTDICV0500  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

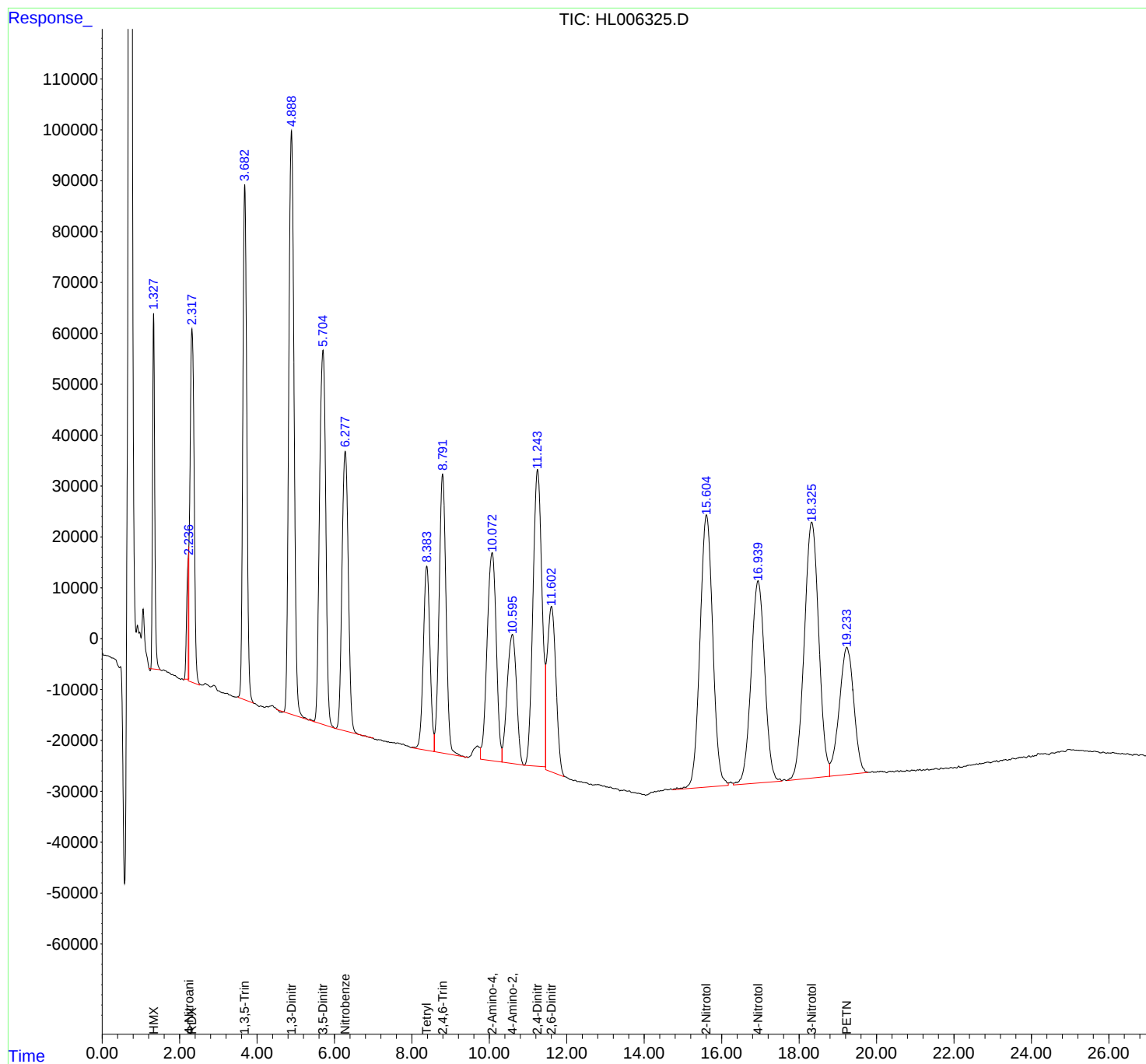
Instrument :  
HPLC\_L  
ClientSampleId :  
ICV0HL31516

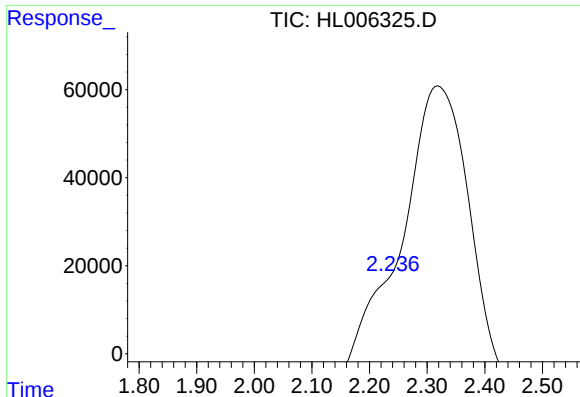
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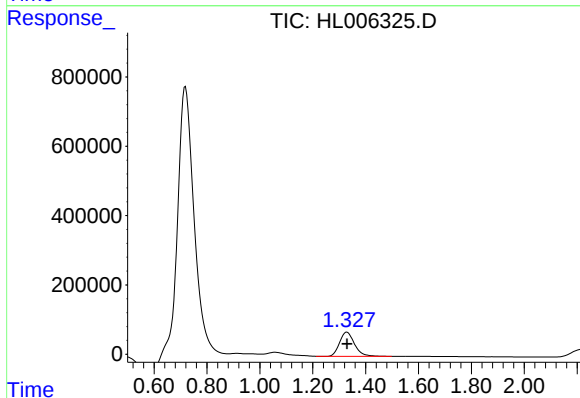
#1 4-Nitroaniline

R.T.: 2.236 min  
Delta R.T.: 0.010 min  
Response: 892728  
Conc: 501.90 ug/L m

Instrument :  
HPLC\_L  
ClientSampleId :  
ICV0HL31516

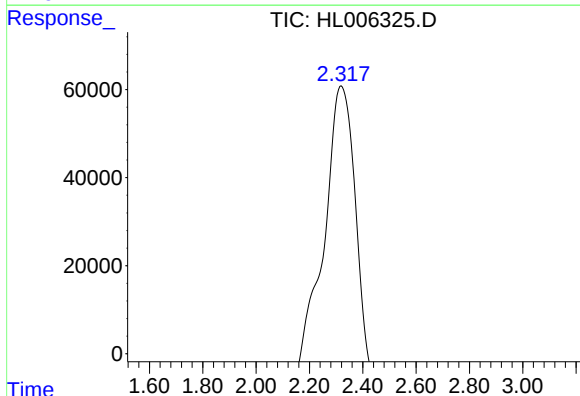
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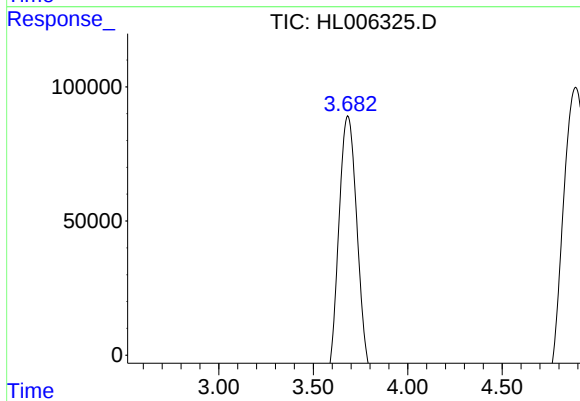
#2 HMX

R.T.: 1.330 min  
Delta R.T.: 0.000 min  
Response: 2718718  
Conc: 541.48 ug/L



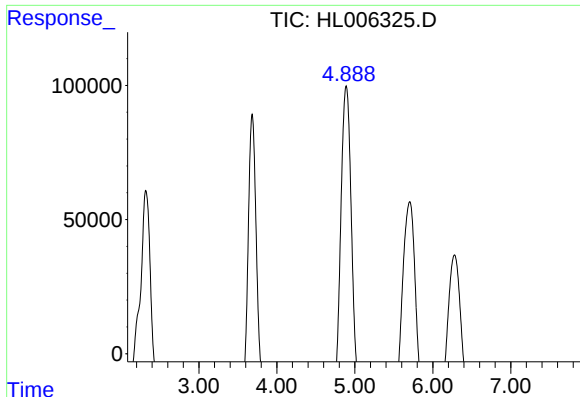
#3 RDX

R.T.: 2.317 min  
Delta R.T.: 0.000 min  
Response: 5338265  
Conc: 559.45 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.682 min  
Delta R.T.: 0.000 min  
Response: 7140584  
Conc: 545.34 ug/L m



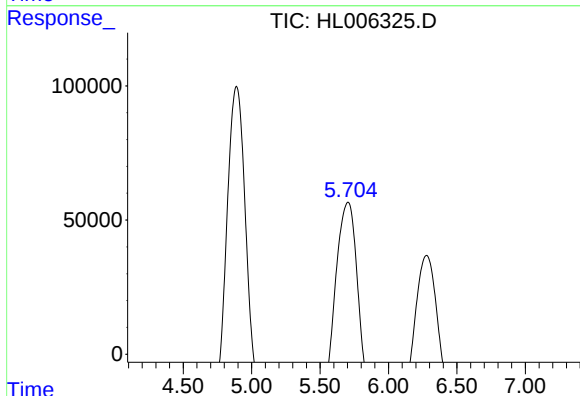
#5 1,3-Dinitrobenzene

R.T.: 4.890 min  
Delta R.T.: 0.002 min  
Response: 10784250  
Conc: 547.74 ng/ml

Instrument :  
HPLC\_L  
ClientSampleId :  
ICV0HL31516

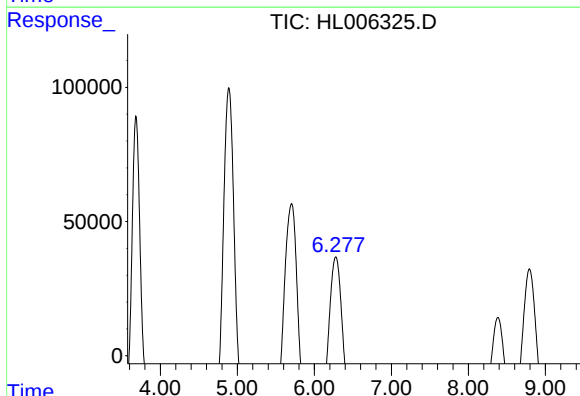
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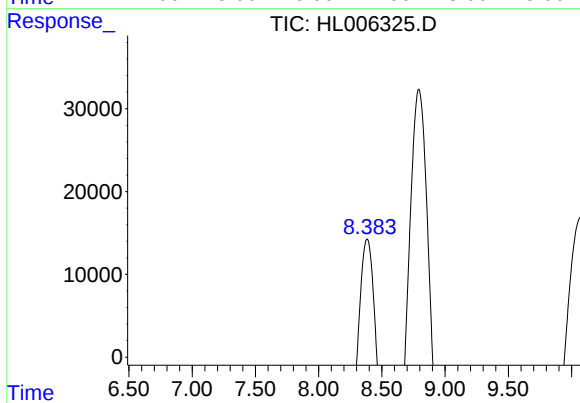
#6 3,5-Dinitroaniline

R.T.: 5.703 min  
Delta R.T.: 0.000 min  
Response: 8195583  
Conc: 540.90 ug/L



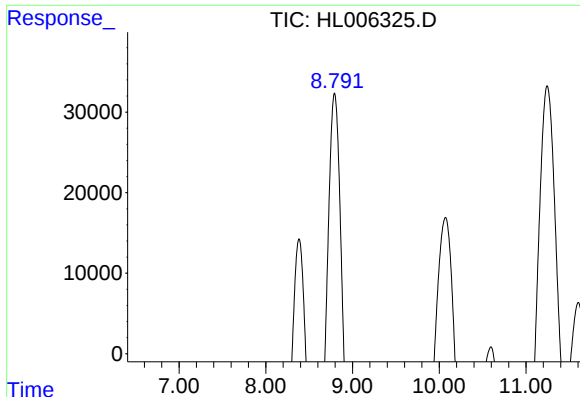
#7 Nitrobenzene

R.T.: 6.279 min  
Delta R.T.: 0.002 min  
Response: 6219565  
Conc: 532.43 ug/L



#8 Tetryl

R.T.: 8.384 min  
Delta R.T.: 0.001 min  
Response: 4313742  
Conc: 564.94 ug/L



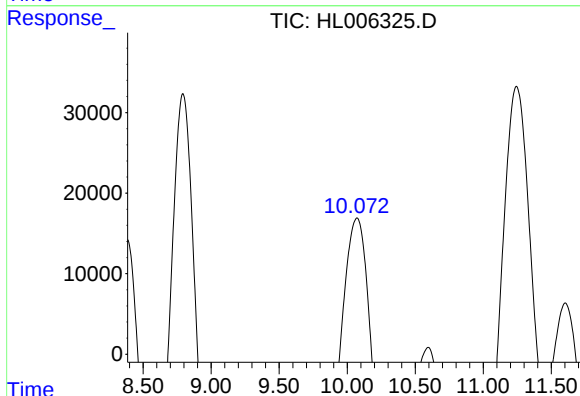
#9 2,4,6-Trinitrotoluene

R.T.: 8.793 min  
Delta R.T.: 0.002 min  
Response: 6819640  
Conc: 544.99 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
ICV0HL31516

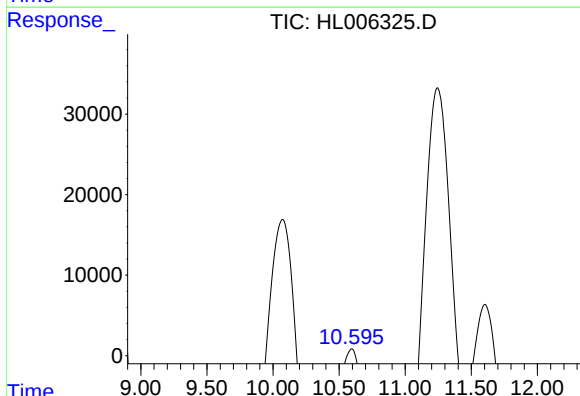
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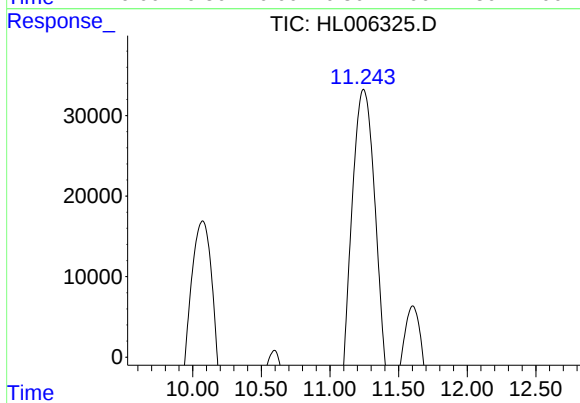
#10 2-Amino-4,6-dinitrotoluene

R.T.: 10.072 min  
Delta R.T.: 0.000 min  
Response: 6726596  
Conc: 509.41 ug/L



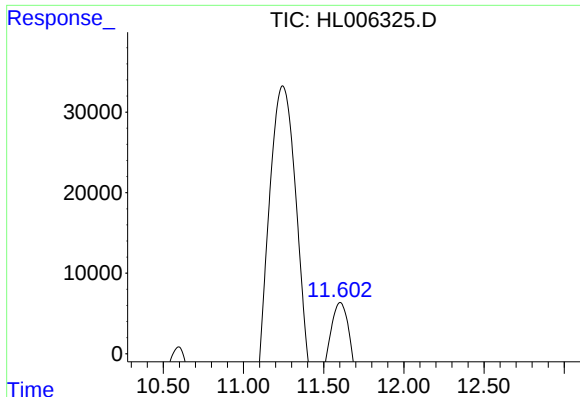
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.595 min  
Delta R.T.: 0.000 min  
Response: 4252654  
Conc: 512.20 ug/L



#12 2,4-Dinitrotoluene

R.T.: 11.243 min  
Delta R.T.: 0.000 min  
Response: 9454924  
Conc: 509.33 ug/L m



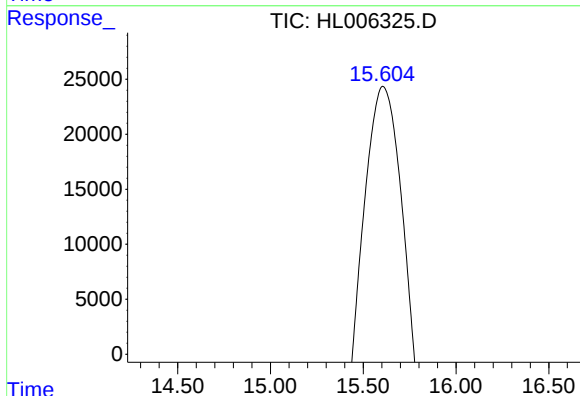
#13 2,6-Dinitrotoluene

R.T.: 11.602 min  
Delta R.T.: 0.000 min  
Response: 5105348  
Conc: 544.35 ug/L m

Instrument :  
HPLC\_L  
ClientSampleId :  
ICV0HL31516

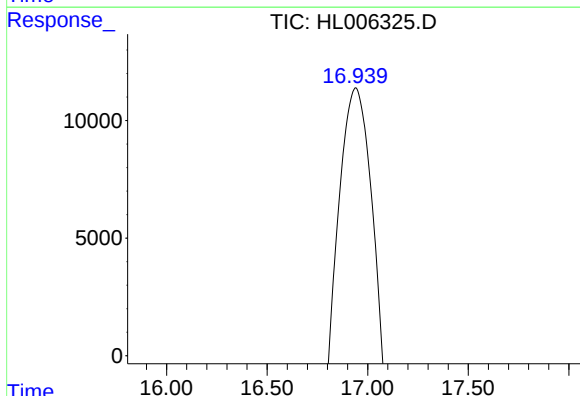
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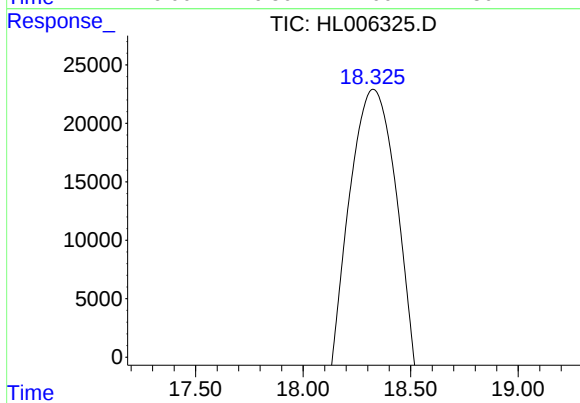
#14 2-Nitrotoluene

R.T.: 15.608 min  
Delta R.T.: 0.004 min  
Response: 12253741  
Conc: 537.60 ug/L



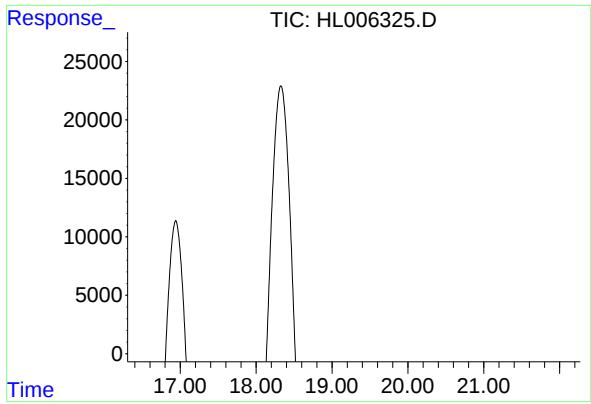
#15 4-Nitrotoluene

R.T.: 16.941 min  
Delta R.T.: 0.002 min  
Response: 9725780  
Conc: 532.63 ug/L



#16 3-Nitrotoluene

R.T.: 18.327 min  
Delta R.T.: 0.002 min  
Response: 13006462  
Conc: 523.52 ug/L



#17 PETN

R.T.: 19.233 min  
Delta R.T.: 0.000 min  
Response: 6514232  
Conc: 527.16 ug/L

Instrument :  
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ICV0HL31516

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