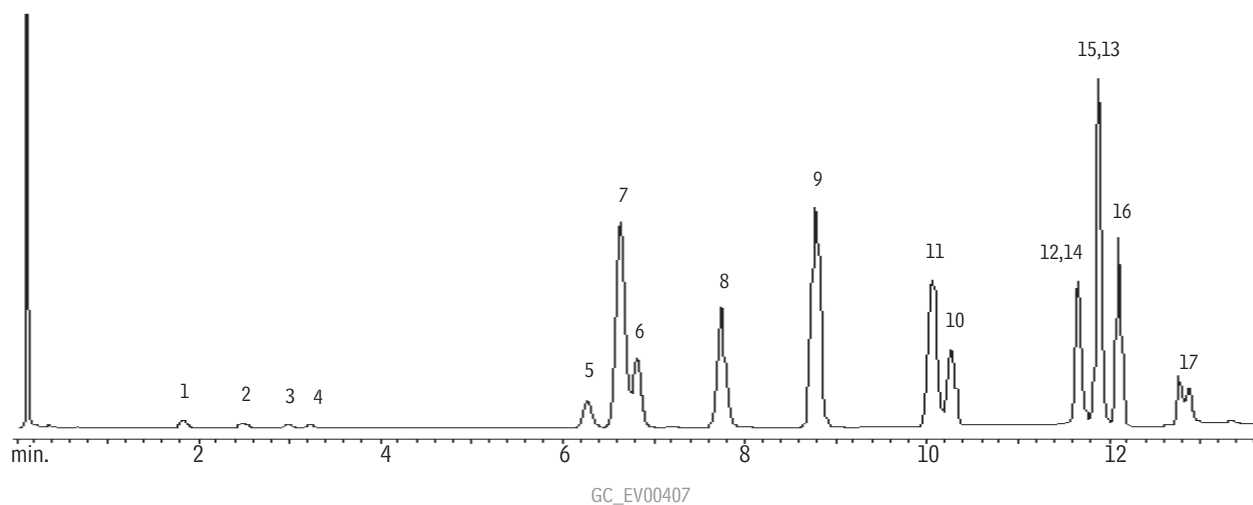


Explosives
US EPA Method 8095
Rtx[®]-TNT2

restek
innovation!

Improved resolution of
nitroaromatic compounds such
as those listed in US EPA
Method 8095.

Rtx[®]-TNT2



1. nitrobenzene
2. 2-nitrotoluene
3. 3-nitrotoluene
4. 4-nitrotoluene
5. nitroglycerine
6. 1,3-dinitrobenzene
7. 2,6-dinitrotoluene
8. 2,4-dinitrotoluene
9. 3,4-dinitrotoluene (IS)
10. 1,3,5-trinitrobenzene
11. trinitrotoluene
12. PETN
13. RDX
14. 4-amino-2,6-dinitrotoluene
15. 3,5-dinitroaniline
16. 2-amino-4,6-dinitrotoluene
17. tetryl

Column: Rtx[®]-TNT2, 6m, 0.53mm ID, 1.50 μ m (cat.# 12999)
Inj.: direct injection using a 1mm Siltek[®] Uniliner[®] (cat.# 21052-214.1)
On-column conc.: est. 200-1,000pg/compound. 8095 Calibration Mix A (cat.# 31607),
8095 Calibration Mix B (cat.# 31608), and 3,4-dinitrotoluene (cat.# 31452)
Oven temp.: 80°C (hold 1 min.) to 180°C @ 10°C/min. to 300°C @
30°C/min. (hold 3 min.)
Inj. temp.: 250°C
Det.: ECD @ 330°C with anode purge
Dead time: 4.4 sec.
Head pressure: helium @ 3psi (20.7 KPa)
Flow rate: helium @ 17mL/min. @ 80°C

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