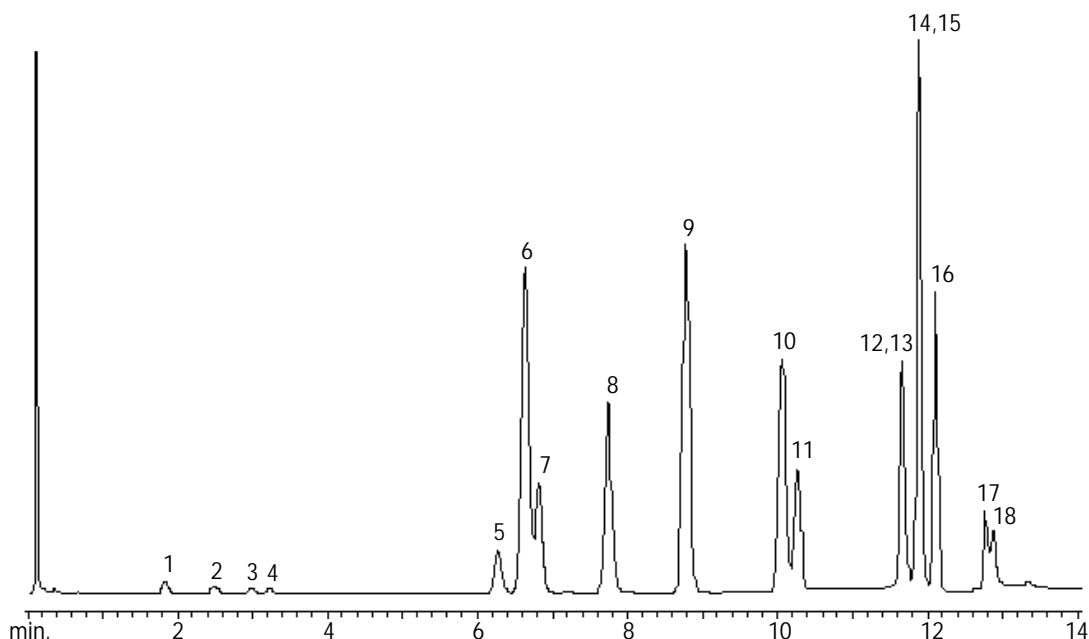


Rtx[®]-TNT2 Columns

(6m, 0.53mm ID, 1.5µm df—cat.# 12999)



Run Conditions

On-column concentration:

200-1000pg per compound
8095 Cal. Mix A (cat.# 31607)
8095 Cal. Mix B (cat.# 31608)
3,4-dinitrotoluene (cat.# 31452)

Oven Program:

80°C (hold 1 min.) to 180°C @ 10°C/min.
to 300°C @ 30°C/min. (hold 3 min.)

Injection Port:

Direct injection using a 1mm Siltek™-
deactivated Uniliner® @ 250°C

Detector:

ECD at 330°C with anode purge

Dead Time:

4.4 seconds

Head Pressure:

He @ 3psi (20.7 KPa)

Flow Rate:

He @ 17mL/min. @ 80°C

Peak Identification

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

**Call Technical Service at 800-356-1688 or 814-353-1300, ext. 4 (or your local Restek representative)
if you have any questions about this product or any other Restek product.**



#140-01 [001]
Rev. date: 5/01

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