

# GC Application

ID No.: 18298

## EPA 8095: Explosives on ZB-XLB-HT

**Column:** Zebtron™ ZB-XLB-HT, GC Cap. Column 15 m x 0.25 mm x 0.25 μm, Ea  
**Phase:** Proprietary XLB Phase  
**Dimensions:** 15 meters x 0.25 mm x 0.25 μm  
**Order No:** 7EG-G024-11  
**Oven Profile:** 70 °C for 1 min to 140 °C @ 25 °C/min for 4 min to 280 °C at 25 °C/min

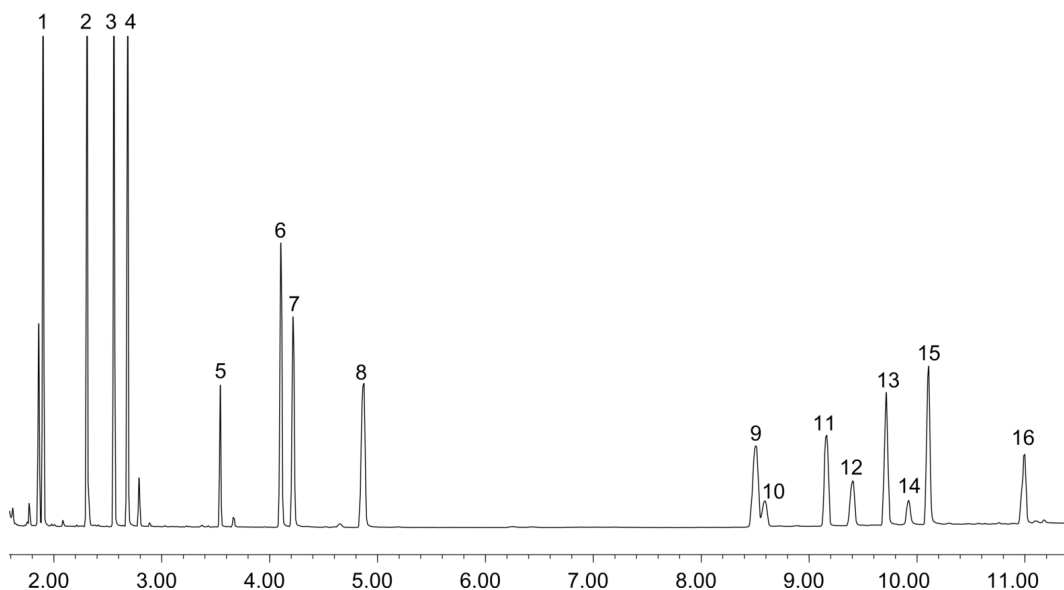
**Carrier Gas:** Constant Flow Helium, 1.4 mL/min  
**Injection:** On-Column :1 0.5 μL @ 73°C  
**Detection:** Mass Selective (MSD) (300°C)  
**Analyst Note:** Analytes are 10ppm in dichloromethane



Products used in this application:



18298



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### ANALYTES:

- 1 Nitrobenzene
- 2 2-Nitrotoluene
- 3 3-Nitrotoluene
- 4 4-Nitrotoluene
- 5 Nitroglycerin
- 6 2,6-Dinitrotoluene (2,6-DNT)
- 7 1,3-Dinitrobenzene (1,3-DNB)
- 8 2,4-Dinitrotoluene
- 9 2,4,6-Trinitrotoluene (2,4,6-TNT)
- 10 PETN
- 11 1,3,5-Trinitrobenzene (1,3,5-TNB)
- 12 RDX
- 13 4-Amino-2,6-dinitrotoluene
- 14 3,5-Nitroaniline
- 15 2-Amino-4,6-dinitrotoluene
- 16 Tetryl

