

Industrial Chemicals: Nitrogen Based Compounds on Zebron ZB-1

Column: Zebron[™] ZB-1, GC Cap. Column 30 m x 0.53 mm x 3.00 μm, Ea

Phase: 100% Dimethylpolysiloxane

Dimensions: 30 meters x 0.53 mm x 3 μm

Order No: 7HK-G001-36

Oven Profile: 70 °C for 6 min to 250 °C at 30 °C/min. hold for 12 min.

Carrier Gas: Constant Flow Helium, 3.8 mL/min

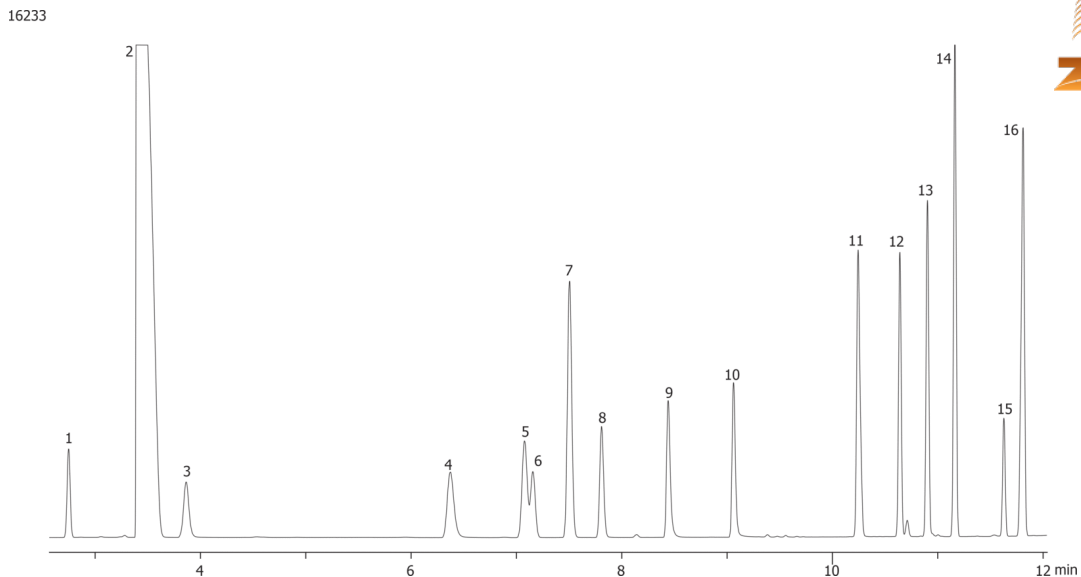
Injection: Split 10:1 1 μL @ 250°C

Detection: Flame Ionization (FID) (300°C)

Analyst Note: 100ppm per analyte in Carbon disulfide



Products used in this application:



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ANALYTES:

- 1 Acetonitrile
- 2 Carbon disulfide
- 3 Diethylamine
- 4 1-Methylpyrrolidine
- 5 N,N-Dimethylbutylamine
- 6 Nitropropane
- 7 Pyridine
- 8 Dimethylformamide
- 9 Dimethyl sulfoxide
- 10 Hexylamine
- 11 Dibutylamine
- 12 Benzylamine
- 13 Methylbenzylamine
- 14 Nitrobenzene
- 15 contaminant
- 16 Tributylamine

