

# GC Application

ID No.: 14819

## Aliphatic Amines on ZB-5 30x0.25x0.25

**Column:** Zebron<sup>™</sup> ZB-5, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea

**Phase:** 5% Phenyl 95% Dimethylpolysiloxane

**Dimensions:** 30 meters x 0.25 mm x 0.25 µm

**Order No:** 7HG-G002-11

**Oven Profile:** 40°C for 3 min to 130°C at 30°C/min to 220°C at 15°C/min

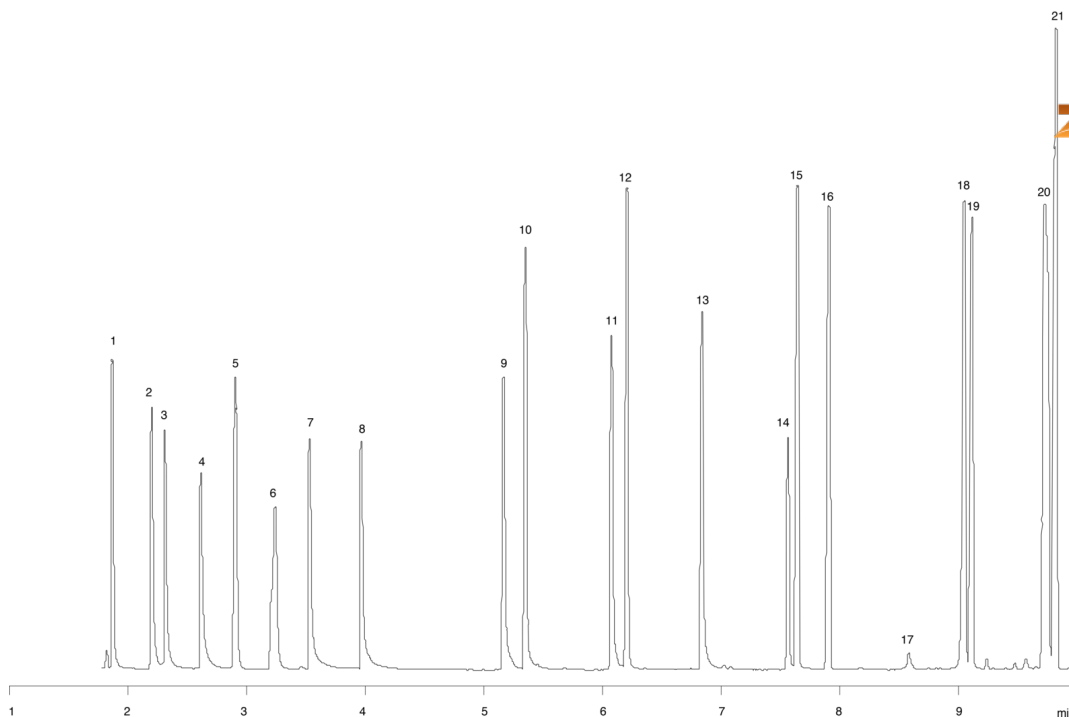
**Carrier Gas:** Constant Flow Helium, 1 mL/min

**Injection:** Split 15:1 1 µL @ 225°C

**Detection:** Mass Selective (MSD) (180°C)  
14819



Products used in this application:



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### ANALYTES:

- 1 tert-Butylamine
- 2 sec-Butylamine
- 3 Isobutylamine
- 4 n-Butylamine
- 5 Diisopropylamine
- 6 Triethylamine
- 7 Isopentylamine
- 8 Pentylamine
- 9 Hexylamine
- 10 Cyclohexylamine
- 11 Heptylamine
- 12 Dibutylamine
- 13 Octylamine
- 14 Nonylamine
- 15 Dipentylamine
- 16 Tributylamine
- 17 Decylamine
- 18 contaminant
- 19 Dihexylamine
- 20 Dicyclohexylamine
- 21 contaminant

