

# GC Application

ID No.: 15432

## Aliphatic Amines on ZB-5MS

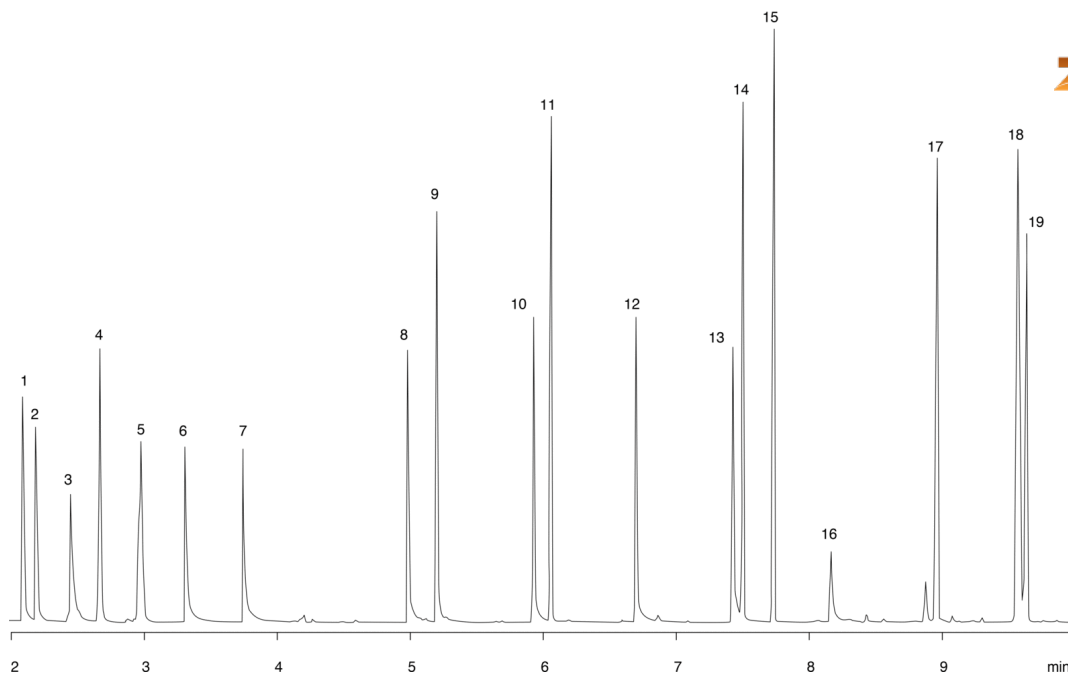
**Column:** Zebron<sup>™</sup> ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea  
**Phase:** 5% Phenyl-Arylene 95% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25 µm  
**Order No:** 7HG-G010-11  
**Oven Profile:** 60°C for 1 min to 130°C at 12°C/min to 220°C at 30°C/min for 4 min

**Carrier Gas:** Constant Flow Helium, 1 mL/min  
**Injection:** split 15:1 1 µL @ 220°C  
**Detection:** Mass Selective (MSD) (240°C)

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Products used in this application:



## Aliphatic Amines on ZB-5MS

### ANALYTES:

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

