## **GC Application**ID No.: **14791**



### **Aliphatic Amines on ZB-1701**

Zebron™ ZB-1701, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea

14% Cyanopropylphenyl 86% Dimethylpolysiloxane Phase:

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

Order No: 7HG-G006-11

**Oven Profile:** 40°C for 3min 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 @ 220°C **Detection:** Mass Selective (MSD) (180°C)

**Detector Info:** full scan

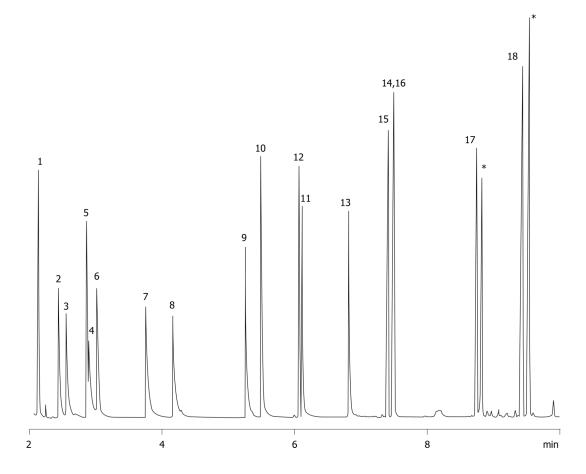
**Analyst Note:** Analytes are at 1.58mg/mL each. \* Indicates contaminants.

14791



Products used in this application:





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For more information contact your Phenomenex Representative at support@phenomenex.com



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### **Aliphatic Amines on ZB-1701**

#### **ANALYTES:**

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