

## Amine and Nitrosamine Assay on ZB 35HT by FID

**Column:** Zebtron™ ZB-35HT, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea

**Phase:** 35% Phenyl 65% Dimethylpolysiloxane

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

**Order No:** 7HG-G025-11

**Oven Profile:** 140 °C to 400 °C @ 10 °C/min

**Carrier Gas:** Constant Flow Helium, 2.1 mL/min

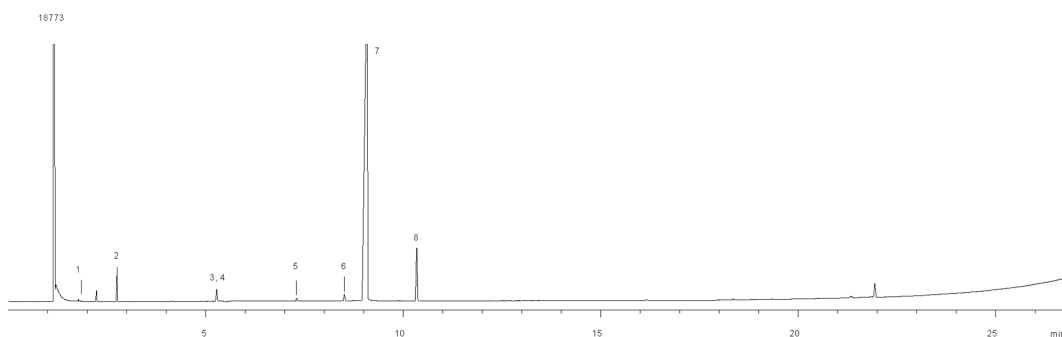
**Injection:** Split 50:1 1 μL @ 350°C

**Detection:** Flame Ionization (FID) (410°C)

**Analyst Note:** Application Courtesy of Northeastern Chemical Company



Products used in this application:



### ANALYTES:

- 1 Amine compound (MW 135Da)
- 2 Amine compound (MW 163Da)
- 3 Amine compound (MW 178Da)
- 4 Amine compound (MW 208Da)
- 5 Nitrosamine compound (MW 164Da)
- 6 Nitrosamine compound (MW 178Da)
- 7 Nitrosamine compound (MW 192Da)
- 8 Nitrosamine compound (MW 208Da)

