

# GC Application

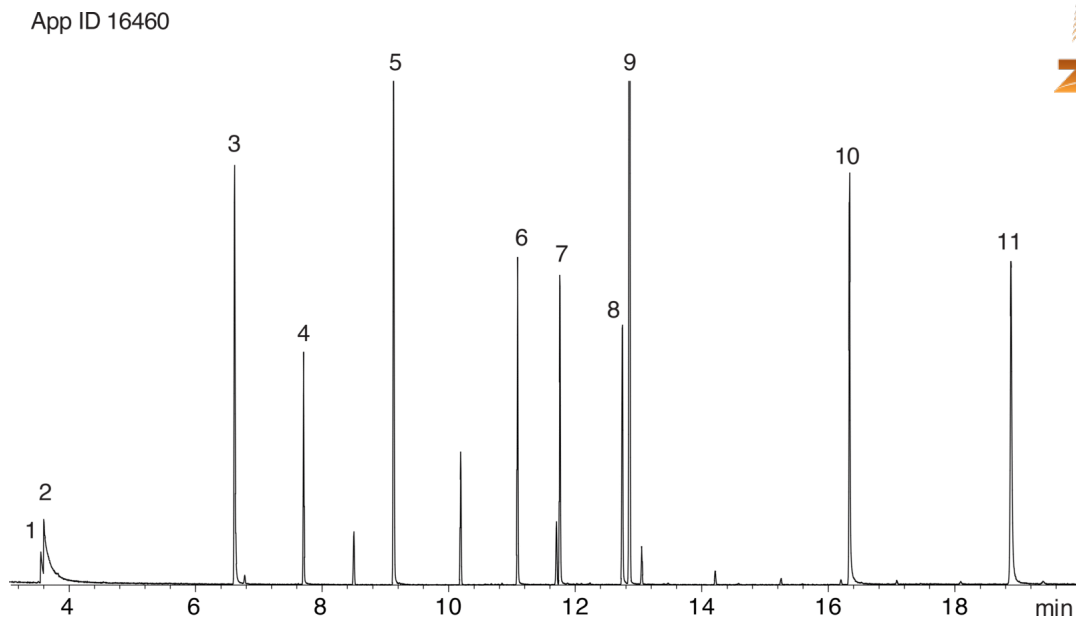
ID No.: 16460

## Organoamines on ZB-5MSi

**Column:** Zebtron™ ZB-5MSi, 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-G018-11  
**Oven Profile:** 40 °C for 2 min to 260 °C @ 15 °C/min for 5 min to 320 °C at 15 °C/min for 2 min.  
**Carrier Gas:** Constant Flow Helium, 1.7 mL/min  
**Injection:** Splitless 20:1 2.5 μL @ 240°C  
**Detection:** Mass Selective (MSD) (180°C)  
**Analyst Note:** 50ppm in methylene chloride



Products used in this application:



## Organoamines on ZB-5MSi

### ANALYTES:

- 1 N-Nitrosodimethylamine
- 2 Pyridine
- 3 Aniline
- 4 N-Nitrosodi-n-propylamine
- 5 4-Chloroaniline
- 6 2-Nitroaniline
- 7 3-Nitroaniline
- 8 4-Nitroaniline
- 9 Diphenylamine
- 10 Benzidine
- 11 3,3'-Dichlorobenzidine

