

GC Application

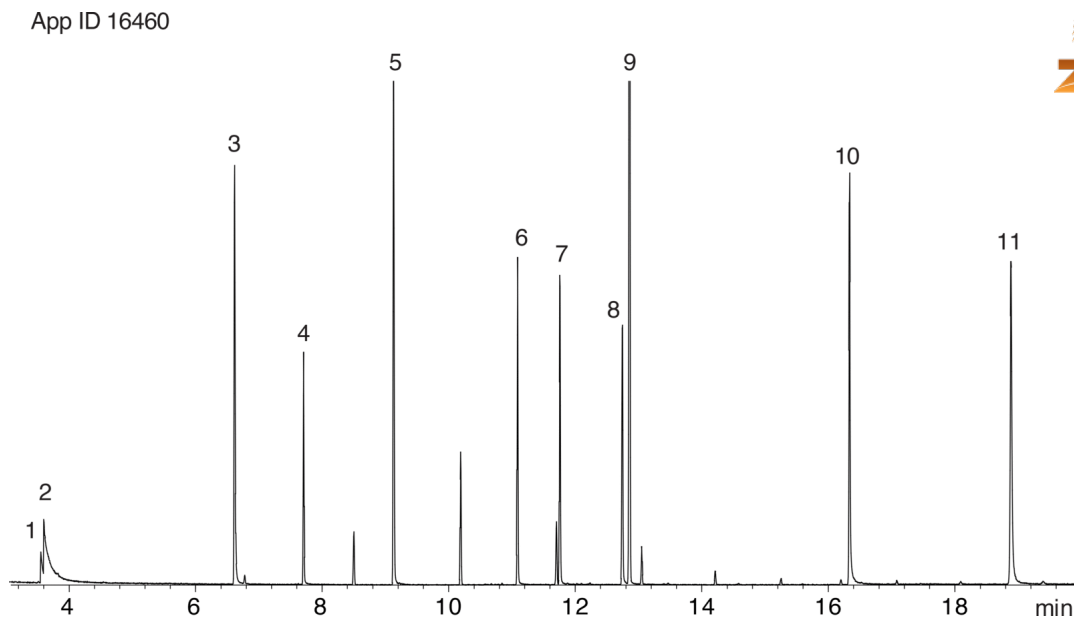
ID No.: 16460

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

