

# GC Application

ID No.: 14772

## EPA Method 8015: Nonhalogenated Organics on ZB-5

**Column:** Zebron<sup>™</sup> ZB-5, GC Cap. Column 30 m x 0.53 mm x 1.50  $\mu$ m, Ea

**Phase:** 5% Phenyl 95% Dimethylpolysiloxane

**Dimensions:** 30 meters x 0.53 mm x 1.5  $\mu$ m

**Order No:** 7HK-G002-28

**Oven Profile:** 45°C for 3 min to 60°C at 5°C/min to 275°C at 20°C/min

**Carrier Gas:** Constant Flow Helium, 4.8 mL/min

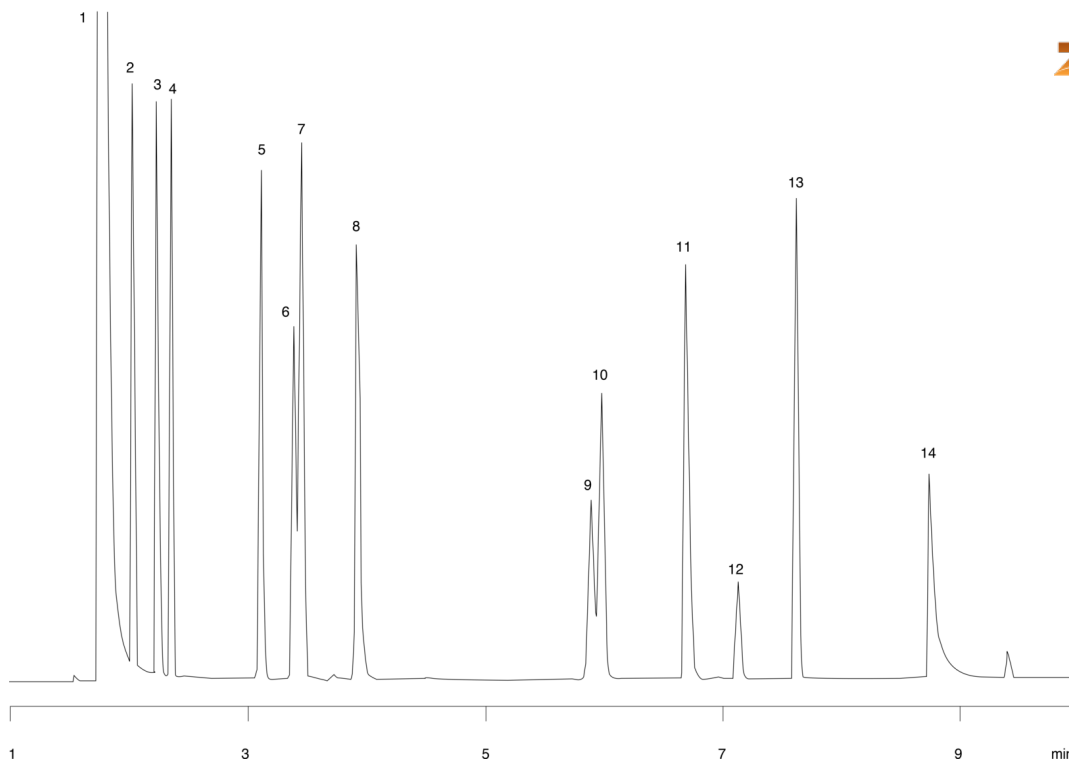
**Injection:** Split 20:1 1  $\mu$ L @ 225°C

**Detection:** Flame Ionization (FID) (350°C)

14772



Products used in this application:



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### ANALYTES:

- 1 Methanol
- 2 Ethanol
- 3 Acetonitrile
- 4 Diethyl ether
- 5 Propanenitrile
- 6 2-Butanone
- 7 2-Methyl-2-propanitrile
- 8 Isobutanol
- 9 1,4-Dioxane
- 10 Methylmethacrylate
- 11 4-Methyl-2-pentanone
- 12 impurity
- 13 Ethylmethacrylate
- 14 Acrylamide

