

GC Application

ID No.: 15951

Common Solvents on ZB-1MS

Column: Zebtron[™] ZB-1MS, GC Cap. Column 30 m x 0.25 mm x 1.00 μm, Ea

Phase: 100% Dimethylpolysiloxane

Dimensions: 30 meters x 0.25 mm x 1 μm

Order No: 7HG-G011-22

Oven Profile: 50°C for 4.5 min to 120°C at 20°C/min

Carrier Gas: Constant Flow Helium, 3.2 mL/min

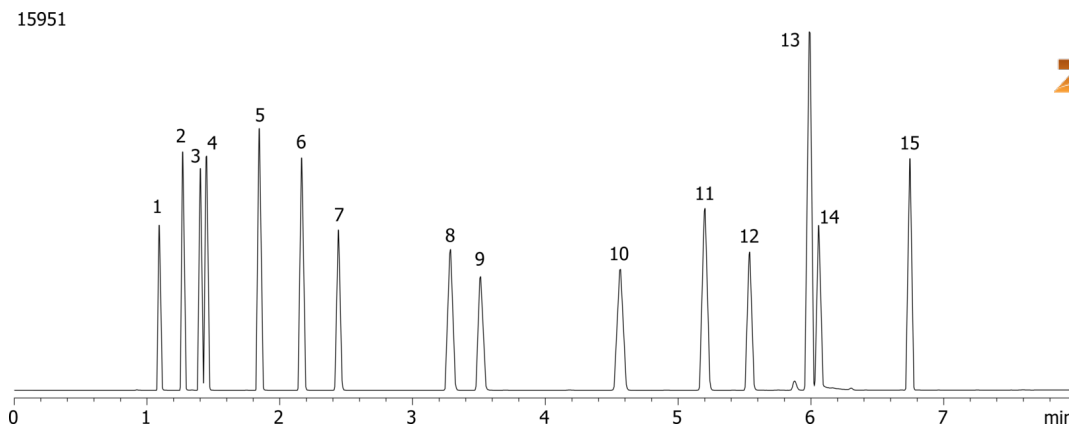
Injection: Split 15:1 200 μL @ 120°C

Detection: Flame Ionization (FID) (250°C)

Analyst Note: analyte concentration was 0.05mg of each analyte per 20mL headspace vial



Products used in this application:



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ANALYTES:

- 1 Methanol
- 2 Ethanol
- 3 Acetone
- 4 Isopropyl alcohol
- 5 n-Propanol
- 6 Methyl ethyl ketone
- 7 Ethyl acetate
- 8 Isopropyl acetate
- 9 Methoxypropanol (Propylene glycol monomethyl ether)
- 10 n-Propyl acetate
- 11 Methyl isobutyl ketone
- 12 3-Ethoxy propanol (Propylene glycol $\tilde{\text{Y}}$ -monoethyl ether)
- 13 Toluene
- 14 2,4-Pentanedione
- 15 n-Butyl acetate

