

Glycols and Benzene in Toothpaste Standard on ZB-WAXplus

Column: Zebron™ ZB-WAXplus™, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea

Phase: Polyethylene Glycol (PEG)

Dimensions: 30 meters x 0.25 mm x 0.25 μm

Order No: 7HG-G013-11

Oven Profile: 80 °C to 180 °C @ 20 °C/min for 20 min.

Carrier Gas: Constant Flow Helium, 3 mL/min

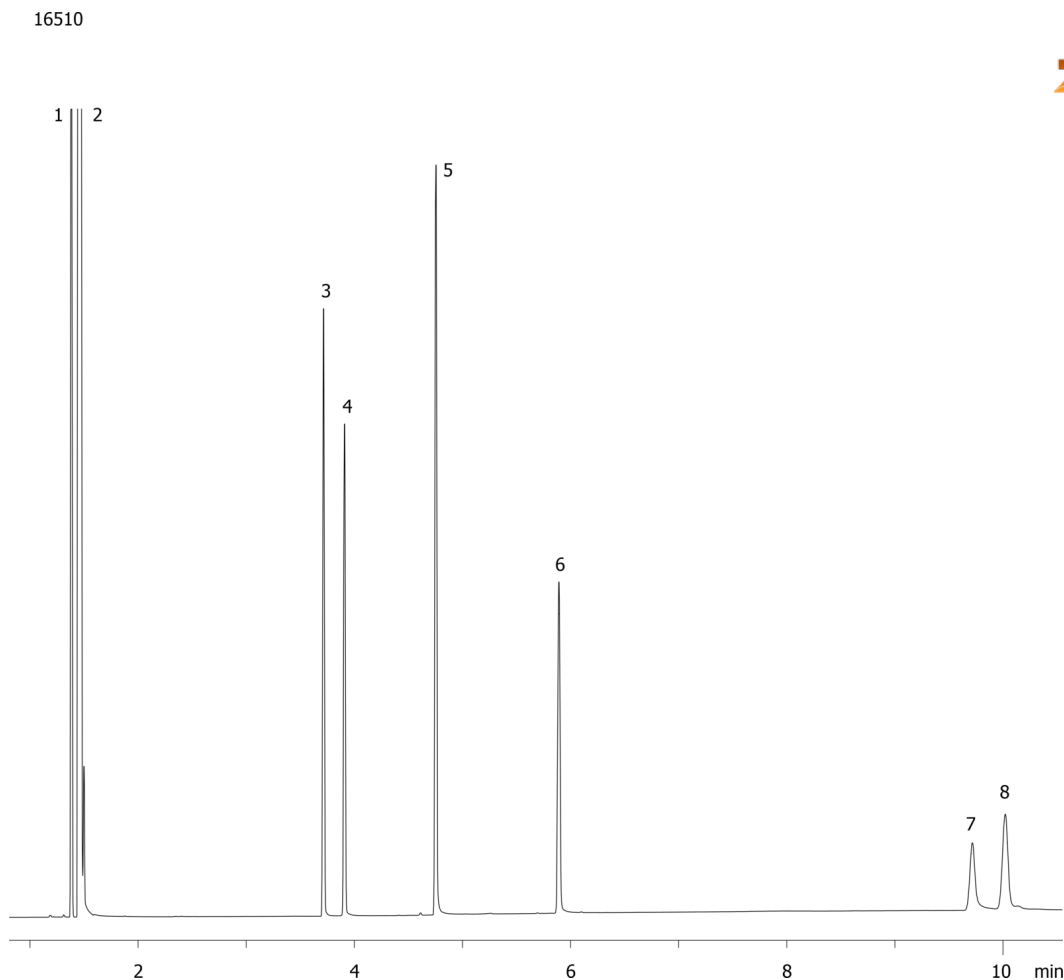
Injection: Split 20:1 0.5 μL @ 225°C

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

Analyst Note: Analytes at 0.5 mg/ml



Products used in this application:



ANALYTES:

- 1 Benzene
- 2 Acetonitrile
- 3 1,2-Propanediol
- 4 Ethylene glycol
- 5 1,3-Propanediol
- 6 Diethylene glycol
- 7 Glycerol
- 8 Triethylene glycol

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