

Glycols 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: 130 °C to 220 °C @ 20 °C/min for 2 min.

Carrier Gas: Constant Flow Helium, 1.5 mL/min

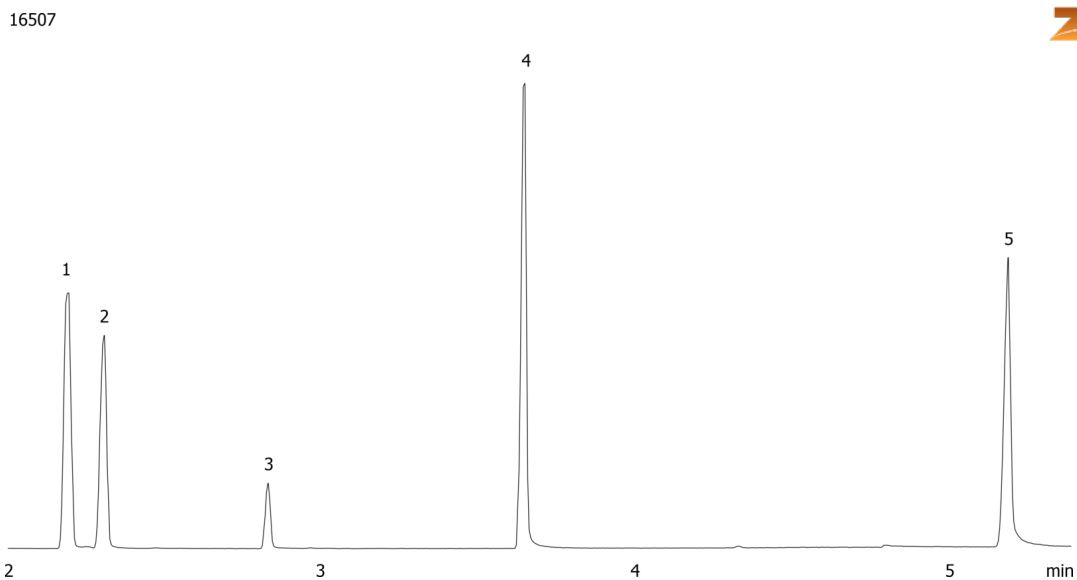
Injection: Split 20:1 0.5 µL @ 225°C

Detection: Mass Spectrometer (MS) (180°C)

Analyst Note: 2.5 mg/ml glycols standards plus 0.5 gm/ml internal standard.
added 5 m retention gap to column.



Products used in this application:



ANALYTES:

- 1 1,2-Propanediol
- 2 Ethylene glycol (EG)
- 3 1,3-Propanediol
- 4 Diethyleneglycol
- 5 Glycerin

