

## 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)

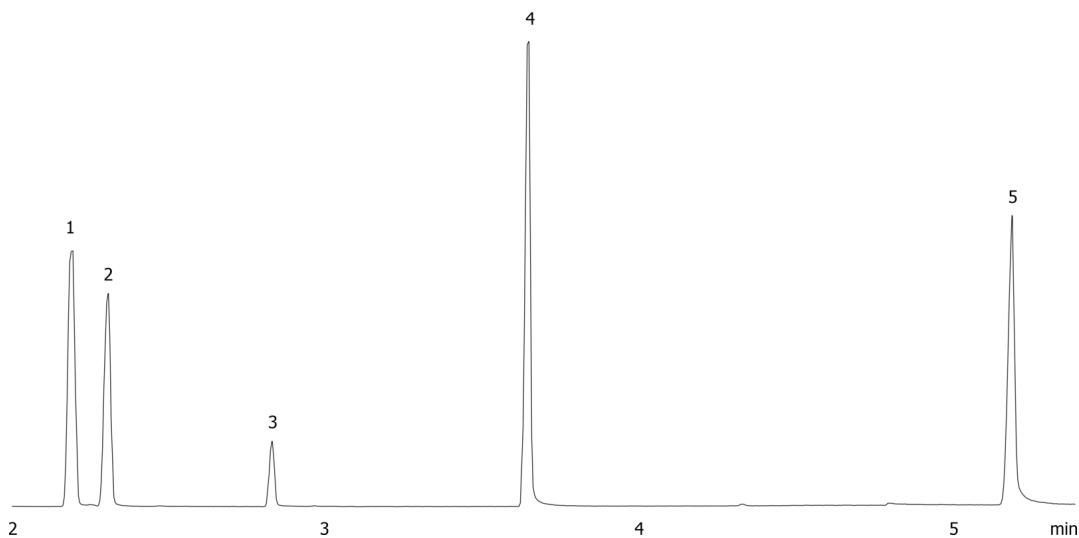
**Analyst Note:** 2.5 mg/ml glycols standards plus 0.5 gm/ml internal standard.  
added 5 m retention gap to column.



Products used in this application:



16507



### ANALYTES:

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

