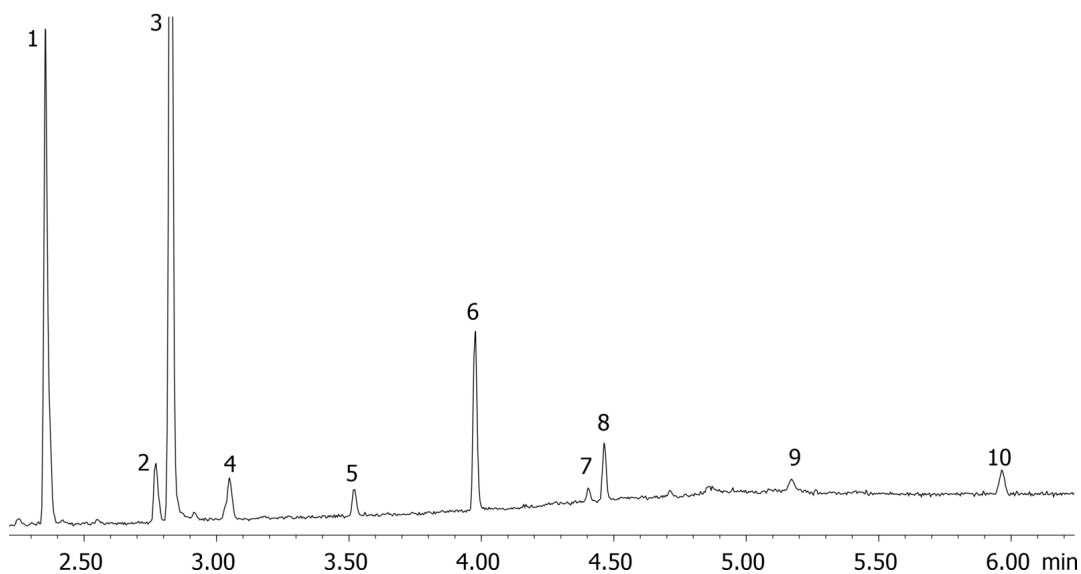


**Glycols in Toothpaste Sample on ZB-WAXplus****Column:** Zebron<sup>™</sup> ZB-WAXplus<sup>™</sup>, GC Cap. Column 30 m x 0.25 mm x 0.25  $\mu$ m, Ea**Phase:** Polyethylene Glycol (PEG)**Dimensions:** 30 meters x 0.25 mm x 0.25  $\mu$ m**Order No:** 7HG-G013-11**Oven Profile:** 130 °C to 220 °C @ 20 °C/min for 2 min.**Carrier Gas:** Constant Flow Helium, 1.5 mL/min**Injection:** Split 20:1 0.5  $\mu$ L @ 225°C**Detection:** Mass Spectrometer (MS) (250°C)

**Analyst Note:** 0.10 mg toothpaste in 1.0 mL of 50-50 ACN/Water. Mixed then centrifuged. 100  $\mu$ L supernatant diluted to 400  $\mu$ L 50-50 ACN/Water. To inject, transfer 250  $\mu$ L to an insert in sample vial with 25  $\mu$ L 5mg/mL internal standard. Used a 5 m retention gap pre-column.  
Glycol standards are in application 16507.  
Note - no glycols were found in this toothpaste sample.

**Products used in this application:**

16508



## Glycols in Toothpaste Sample on ZB-WAXplus

### ANALYTES:

- 1 Levomenthol
- 2 Carvone
- 3 1,3-Propanediol
- 4 Anethole
- 5 Cyclodecane
- 6 3-Phenyl-2-propenal
- 7 Eicosene
- 8 Eugenol
- 9 Glycerin
- 10 o-Methoxycinnamaldehyde

