GC Application ID No.: 16508

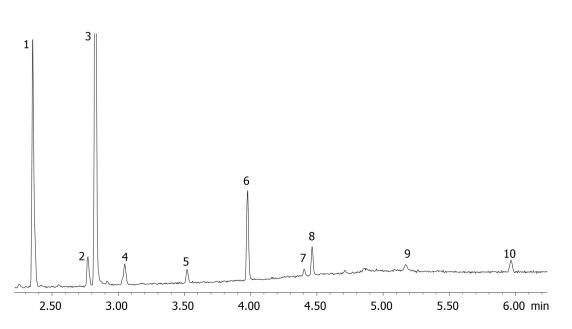


Glycols in Toothpaste Sample on ZB-WAXplus

-	· · · ·	
Column:	Zebron™ ZB-WAXplus™, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea	
Phase:	Polyethylene Glycol (PEG)	Guaranteed Quality and Performance with Every Zebron GC Column
Dimensions:	30 meters x 0.25 mm x 0.25 μm	St A B
Order No:	7HG-G013-11	
Oven Profile:	130 °C to 220 °C @ 20 °C/min for 2 min.	C C D
Carrier Gas:	Constant Flow Helium, 1.5 mL/min	RO
Injection:	Split 20:1 0.5 μL @ 225°C	2007 - 2009 BAD 100 Awards
Detection:	Mass Spectrometer (MS) (250°C)	Products used in this application:

Products used in this application: Analyst Note: 0.10 mg toothpaste in 1.0 mL of 50-50 ACN/Water. Mixed then centrifuged. 100 μI supernatant diluted to 400 μI 50-50 ACN/Water. To inject, transfer 250 μl to an insert in sample vial with 25 μl 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.

16508



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Glycols in Toothpaste Sample on ZB-WAXplus

ANALYTES:

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

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