

# GC Application

ID No.: 16230

## Bergamot Oil on ZB-1

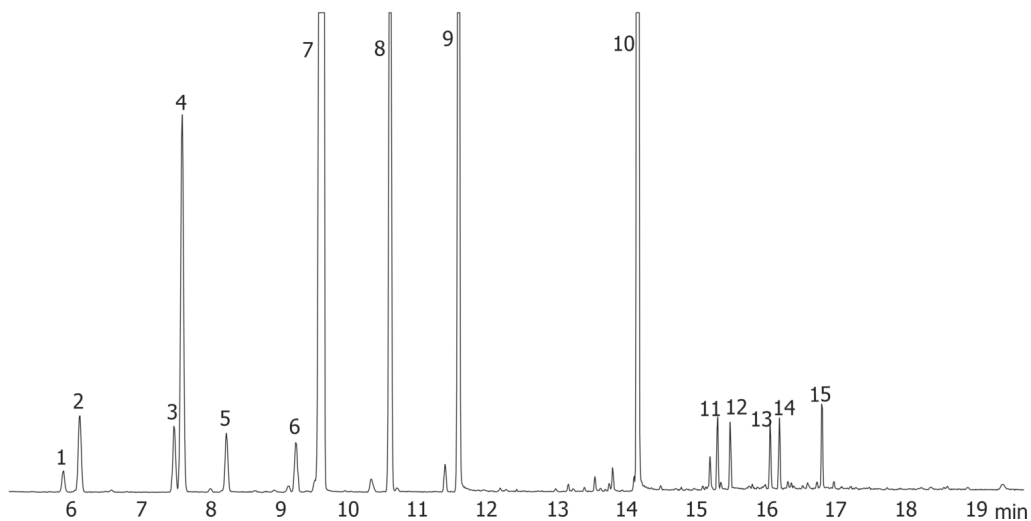
**Column:** Zebtron<sup>™</sup> ZB-1, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea  
**Phase:** 100% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25 µm  
**Order No:** 7HG-G001-11  
**Oven Profile:** 60 °C for 6 min to 80 °C at 5 °C/min to 180 °C at 15 °C/min for 3 min

**Carrier Gas:** Constant Flow Helium, 1.5 mL/min  
**Injection:** On-Column :1 0.1 µL @ 63°C  
**Detection:** Mass Selective (MSD) (240°C)  
**Analyst Note:** The solution analyzed was 1000ppm Bergamot oil in Ethyl acetate

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Products used in this application:



## Bergamot Oil on ZB-1

### ANALYTES:

- 1  $\alpha$ -Thujene
- 2  $\alpha$ -Pinene
- 3 Sabinene
- 4  $\beta$ -Pinene
- 5  $\beta$ -Myrcene
- 6 p-Cymene
- 7 Limonene
- 8  $\gamma$ -Terpinene
- 9 Linalool acetate
- 10 Linalyl acetate
- 11 Neryl acetate
- 12 Geranyl acetate
- 13  $\beta$ -Caryophyllene
- 14  $\alpha$ -Bergamotene
- 15  $\beta$ -Bisabolene

