

# GC Application

ID No.: 14957

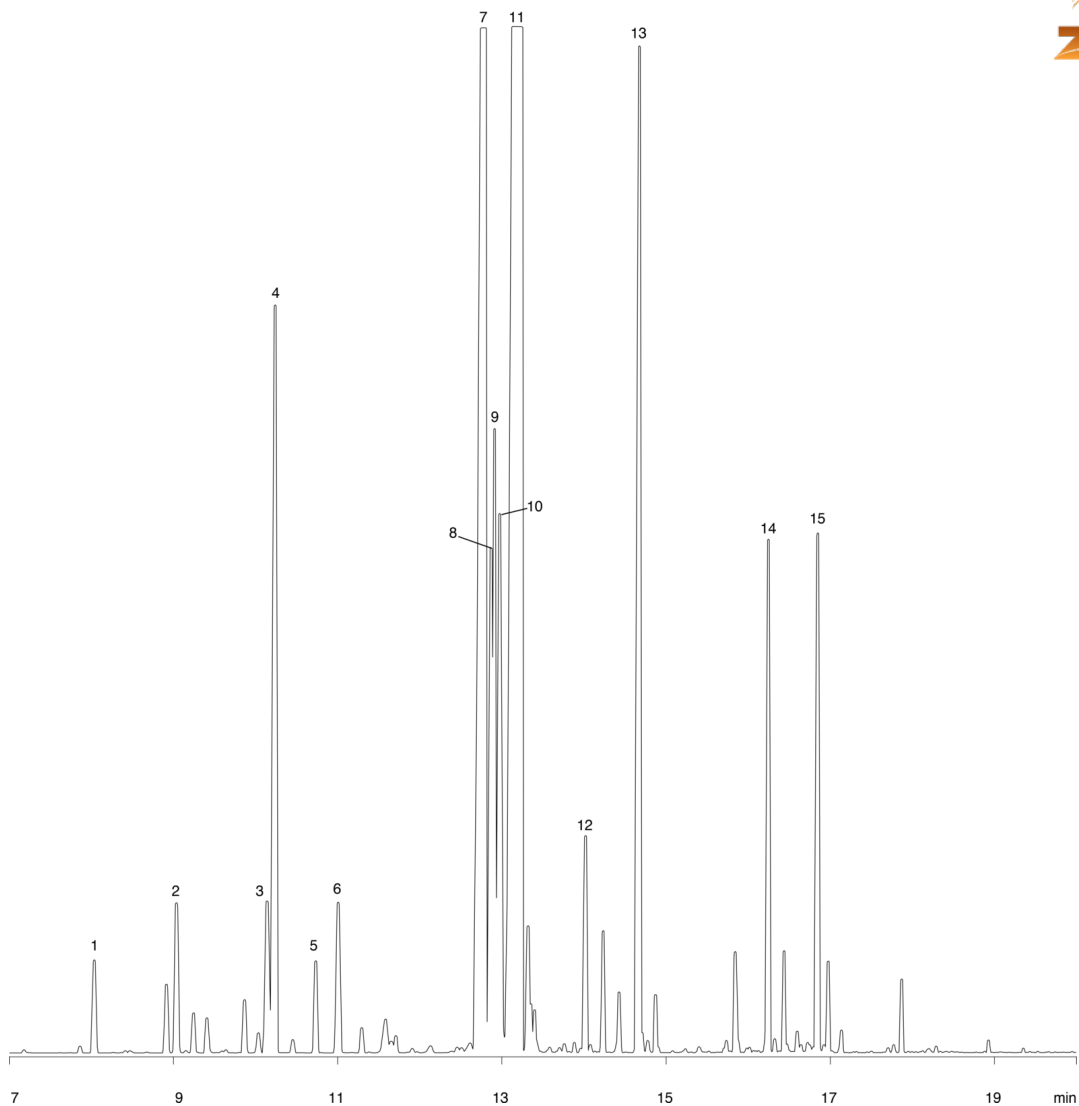
## Peppermint Oil on ZB-5MS

**Column:** Zebron<sup>™</sup> ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea  
**Phase:** 5% Phenyl-Arylene 95% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25 μm  
**Order No:** 7HG-G010-11  
**Oven Profile:** 40°C for 4 min to 120°C at 8°C/min to 200°C at 15°C/min to 300°C at 25°C/min  
**Carrier Gas:** Constant Flow Helium, 0.8 mL/min  
**Injection:** split 25:1 1 μL @ 250°C  
**Detection:** Mass Selective (MSD) (240°C)

14957



Products used in this application:



## Peppermint Oil on ZB-5MS

### ANALYTES:

- 1  $\alpha$ -Pinene
- 2 beta-Pinene
- 3 Limonene
- 4 Eucalyptol
- 5 3-Carene
- 6 beta-Terpineol
- 7 Menthone
- 8 Menthonefurane
- 9 i-Menthone
- 10 Neo-menthol
- 11 Menthol
- 12 Pulegone
- 13 Menthyl acetate
- 14 Caryophyllene
- 15 Germacrene

