

GC Application

ID No.: 16018

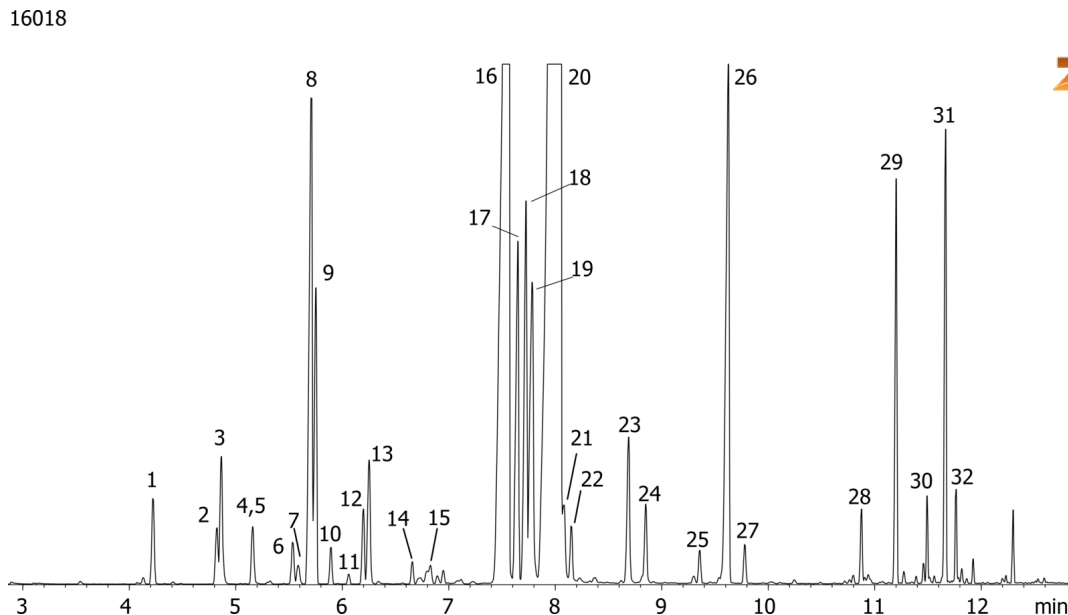
Peppermint Oil on ZB-1MS

Column: Zebron[™] ZB-1MS, GC Cap. Column 10 m x 0.10 mm x 0.10 µm, Ea
Phase: 100% Dimethylpolysiloxane
Dimensions: 10 meters x 0.1 mm x 0.1 µm
Order No: 7CB-G011-02
Oven Profile: 45°C for 2min to 130°C at 10°C/min to 280°C at 30°C/min for 3min

Carrier Gas: Constant Flow Helium, 0.3 mL/min
Injection: Split 120:1 0.2 µL @ 160°C
Detection: Mass Selective (MSD) (0°C)
Analyst Note: 10% Peppermint Oil in Dichloromethane.



Products used in this application:



Peppermint Oil on ZB-1MS

ANALYTES:

- 1 alpha-Pinene
- 2 Sabinene
- 3 beta-Pinene
- 4 beta-Myrcene
- 5 3-Octanol
- 6 a-Terpenene
- 7 Cymene
- 8 Eucalyptol
- 9 D-Limonene
- 10 cis-Ocimene
- 11 trans-Ocimene
- 12 g-Terpinene
- 13 cis-Sabinene hydrate
- 14 b-Terpeneol
- 15 Linalool
- 16 Menthone
- 17 Isomenthone
- 18 Menthonefuran
- 19 Neomenthol
- 20 Menthol
- 21 Neoisomenthol
- 22 a-Terpeneol
- 23 Pulegone
- 24 Piperitone
- 25 Neomenthyl acetate
- 26 Menthyl acetate
- 27 Isomenthyl acetate
- 28 Bourbonene
- 29 Caryophyllene
- 30 Farnesene
- 31 Germacrene
- 32 Elemene

