

GC Application

ID No.: 16048

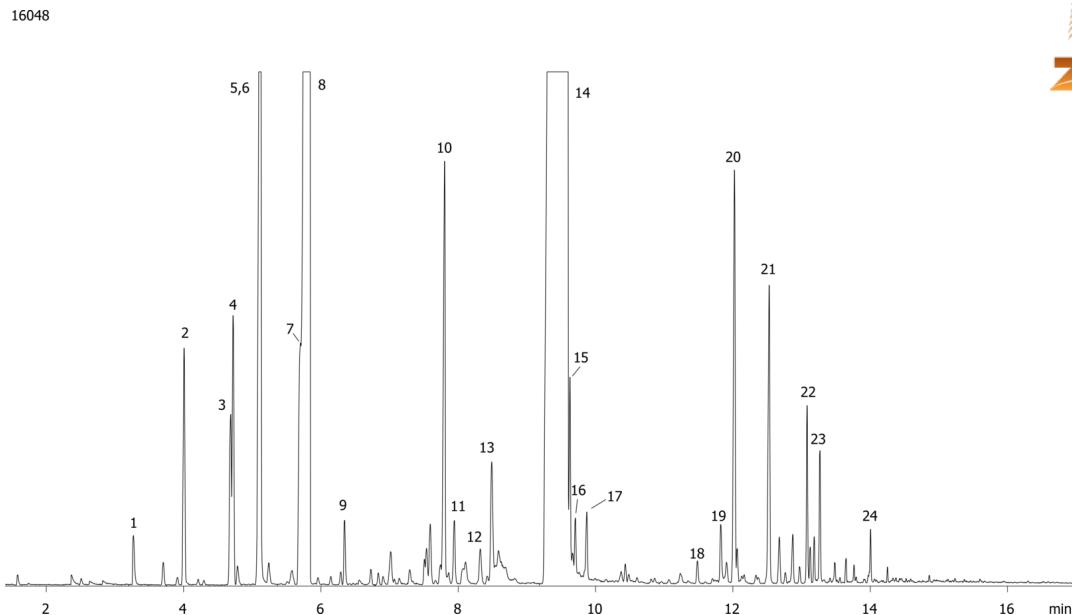
Spearmint Oil on ZB-1MS

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 2 min to 130°C at 8°C/min to 200°C at 30°C/min for 2 min

Carrier Gas: Constant Flow Helium, 0.4 mL/min
Injection: Split 120:1 0.2 µL @ 160°C
Detection: Mass Selective (MSD) (0°C)
Analyst Note: Sample was 10% in dichloromethane.



Products used in this application:



Spearmint Oil on ZB-1MS

ANALYTES:

- 1 2,5-Diethyltetrahydrofuran
- 2 α -Pinene
- 3 Sabinene
- 4 β -Pinene
- 5 β -Myrcene
- 6 3-Octanol
- 7 Eucalyptol
- 8 Limonene
- 9 cis-Sabinene hydrate
- 10 Menthone
- 11 Isomenthone
- 12 4-Terpineol
- 13 Dihydrocarveol
- 14 Carvone
- 15 Piperitenone
- 16 trans-Carvone oxide
- 17 cis-Carvone oxide
- 18 Carvyl acetate
- 19 cis-Jasmone
- 20 β -Bourbonene
- 21 Caryophyllene
- 22 β -Farnesene
- 23 Germacrene D
- 24 Caryophyllene oxide

