GC Application ID No.: **16231**



Rosemary Oil on ZB-1MS

Zebron™ ZB-1MS, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea Column:

Phase: 100% Dimethylpolysiloxane **Dimensions:** 30 meters x 0.25 mm x 0.25 μm

Order No: 7HG-G011-11

Oven Profile: 40 °C for 4 min to 100 °C at 5 °C/min to 190 °C at 20 °C/min

Carrier Gas: Constant Flow Helium, 1.5 mL/min Injection: On-Column :1 0.1 µL @ 43°C **Detection:** Mass Selective (MSD) (240°C)

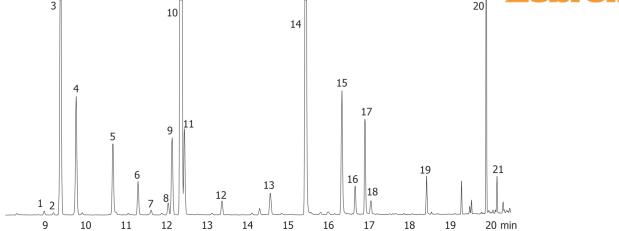
Analyst Note: Sample was 300 ppm Rosemary oil in Ethyl Acetate.

16231



Products used in this application:





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Rosemary Oil on ZB-1MS

ANALYTES:

- 1 Tricyclene
- 2 a-Thujene
- 3 a-Pinene
- Camphene
- beta-Pinene
- 6 Myrcene
- a-Phellandrene 7
- a-Terpinene
- 9 p-Cymene
- **10** 1,8-Cineol
- 11 Limonene
- **12** g-Terpinene
- 13 Linalool
- 14 Camphor
- 15 Borneol
- 16 Terpinen-4-ol
- 17 a-Terpineol
- 18 Verbenone
- 19 Bornyl acetate
- 20 b-Caryophyllene
- 21 alpha-Caryophyllene