

# GC Application

ID No.: 15571

## Cold-Pressed Orange Oil on ZB1ms 20x0.18x0.18

**Column:** Zebtron™ ZB-1MS, GC Cap. Column 20 m x 0.18 mm x 0.18 μm, Ea

**Phase:** 100% Dimethylpolysiloxane

**Dimensions:** 20 meters x 0.18 mm x 0.18 μm

**Order No:** 7FD-G011-08

**Oven Profile:** 50°C to 100°C at 6°C/min to 275°C at 18°C/min for 4 min

**Carrier Gas:** Constant Flow Helium, 1 mL/min

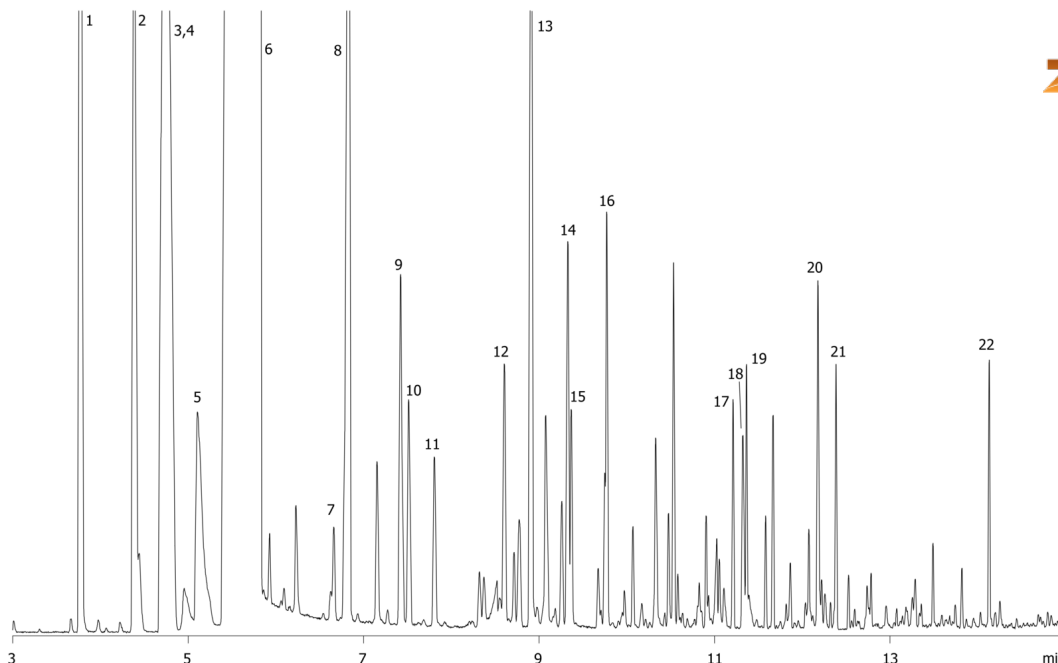
**Injection:** Split 100:1 1 μL @ 180°C

**Detection:** Mass Spectrometer (MS) (240°C)

15571



Products used in this application:



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### ANALYTES:

- 1  $\alpha$ -Pinene
- 2 Sabinene
- 3 beta-Myrcene
- 4 Octanal
- 5 3-Carene
- 6 Limonene
- 7 Nonanal
- 8 Linalool
- 9 cis-Limonene oxide
- 10 trans-Limonene oxide
- 11 Citronellal
- 12  $\alpha$ -Terpineol
- 13 Decanal
- 14 Neral
- 15 Carvone
- 16 Geranial
- 17  $\alpha$ -Cubebene
- 18  $\beta$ -Cubenene
- 19 Dodecanal
- 20 Valencene
- 21 Cadinine
- 22 Nootkatone

