## **GC Application** ID No.: **16016**



### **Cold Pressed Orange Oil on ZB-1MS**

Zebron™ ZB-1MS, GC Cap. Column 10 m x 0.10 mm x 0.10 μm, Ea Column:

Phase: 100% Dimethylpolysiloxane **Dimensions:** 10 meters x 0.1 mm x 0.1  $\mu$ m

Order No: 7CB-G011-02

**Oven Profile:** 60°C to 130°C at 10°C/min to 280°C at 30°C for 3min

**Carrier Gas:** Constant Flow Helium, 0.3 mL/min

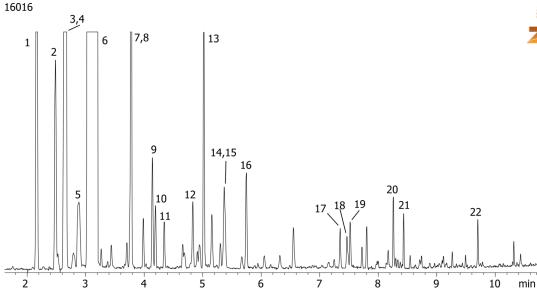
Injection: Split 120:1 0.2 μL @ 160°C **Detection:** Refractive Index (0°C)

Analyst Note: Sample was 10% in dichloromethane



Products used in this application:





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#### **Cold Pressed Orange Oil on ZB-1MS**

#### **ANALYTES:**

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