

GC Application

ID No.: 16016

Cold Pressed Orange Oil on ZB-1MS

Column: Zebtron[™] 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: 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

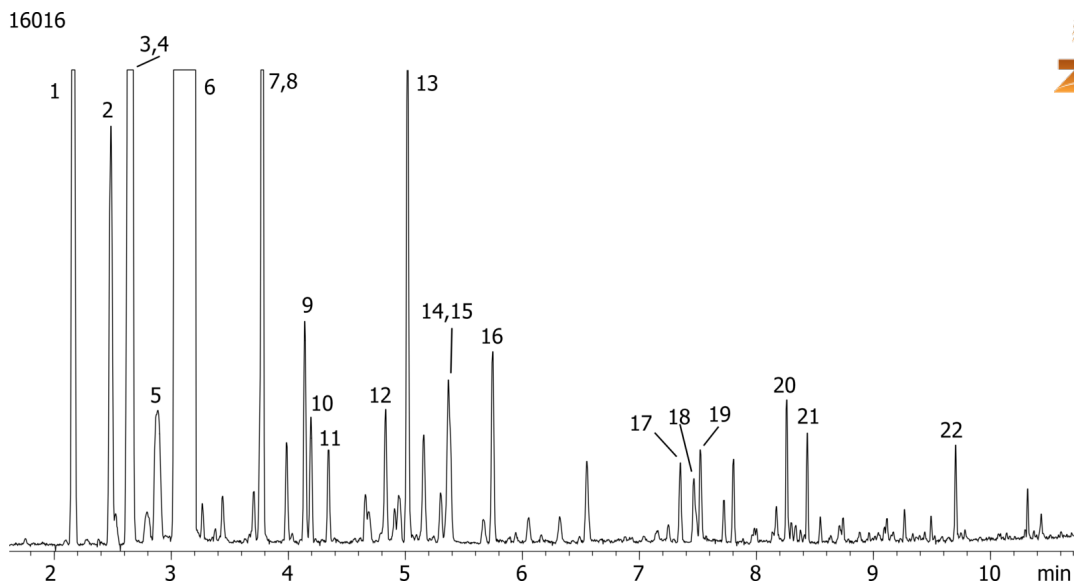
Injection: Split 120:1 0.2 μL @ 160°C

Detection: Mass Selective (MSD) (0°C)

Analyst Note: Sample was 10% in dichloromethane



Products used in this application:



Cold Pressed Orange Oil on ZB-1MS

ANALYTES:

- 1 α -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 α -Terpineol
- 13 Decanal
- 14 Carvone
- 15 Neral
- 16 Geranial
- 17 α -Cubebene
- 18 β -Cubenene
- 19 Dodecanal
- 20 Valencene
- 21 Cadinene
- 22 Nootkatone

