

# GC Application

ID No.: 15563

## Cold-Pressed Orange Oil on ZB5ms 20x0.18x0.18

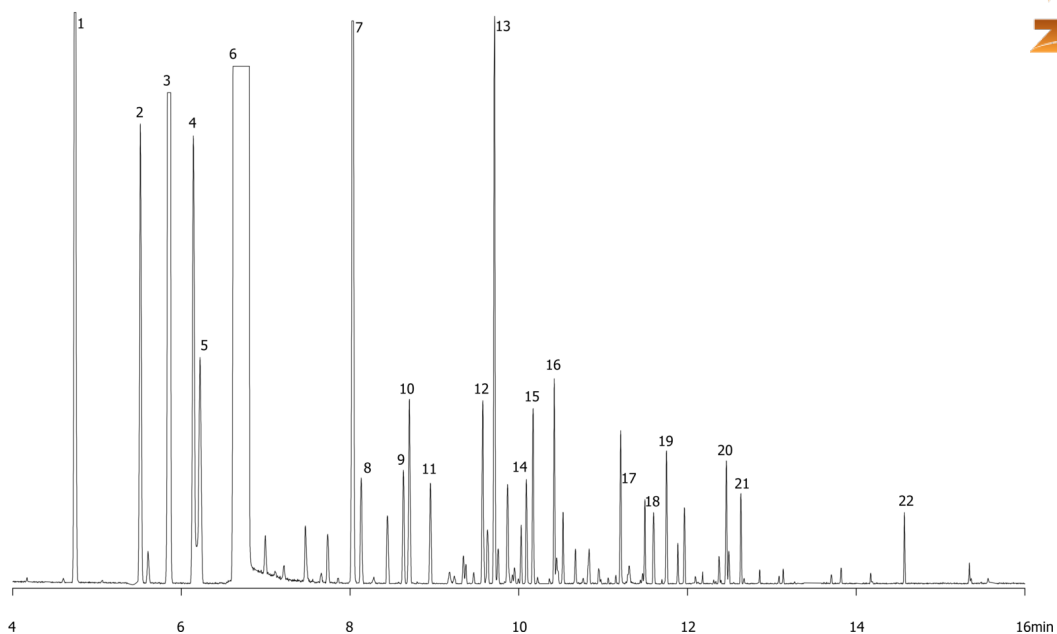
**Column:** Zebtron™ ZB-5MS, GC Cap. Column 20 m x 0.18 mm x 0.18 μm, Ea  
**Phase:** 5% Phenyl-Arylene 95% Dimethylpolysiloxane  
**Dimensions:** 20 meters x 0.18 mm x 0.18 μm  
**Order No:** 7FD-G010-08  
**Oven Profile:** 50°C for 2 min to 100°C at 8°C/min to 225°C at 18°C/min for 4 min

**Carrier Gas:** Constant Flow Helium, 1 mL/min  
**Injection:** Split 100:1 1 μL @ 180°C  
**Detection:** Mass Selective (MSD) (180°C)

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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 Linalool
- 8 Nonanal
- 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 b-Cubenene
- 19 Dodecanal
- 20 Valencene
- 21 Cadinine
- 22 Nootkatone

