# GC Application



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

Column: Phase: Dimensions: Order No: Oven Profile:	Zebron <sup>™</sup> ZB-1MS, GC Cap. Column 10 m x 0.10 mm x 0.10 µm, Ea 100% Dimethylpolysiloxane 10 meters x 0.1 mm x 0.1 µm 7CB-G011-02 60°C to 130°C at 10°C/min to 280°C at 30°C for 3min					<image/>
Carrier Gas: Injection: Detection: Analyst Note:	Constant Flow Helium, 0.3 mL/min Split 120:1 0.2 µL @ 160°C Mass Selective (MSD) (0°C) Sample was 10% in dichloromethane					
16016	3,4 2 5 5	7,8 9 10 12 11	13 14,15 16	17 18 19	20   21 	22
<u> </u>	M WW WM	4	5 6			10 min

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## GC Application ID No.: 16016

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#### **ANALYTES:**

- 1 a-Pinene
- 2 Sabinene
- 3 beta-Myrcene
- Octanal 4
- 5 3-Carene
- 6 Limonene
- 7 Nonanal
- 8 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

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