## GC Application



### **Rosemary Oil on ZB-1MS**

Rosenary on on 2D 1110		
Column: Phase: Dimensions: Order No: Oven Profile:	Zebron™ ZB-1MS, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea 100% Dimethylpolysiloxane 30 meters x 0.25 mm x 0.25 µm 7HG-G011-11 40 °C for 4 min to 100 °C at 5 °C/min to 190 °C at 20 °C/min	Construction of the second sec
Carrier Gas: Injection: Detection:	Constant Flow Helium, 1.5 mL/min On-Column :1 0.1 µL @ 43°C Mass Selective (MSD) (240°C)	Products used in this application:
Analyst Note: 16231	Sample was 300 ppm Rosemary oil in Ethyl Acetate.	
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### **Rosemary Oil on ZB-1MS**

#### **ANALYTES:**

- 1 Tricyclene
- 2 a-Thujene
- 3 a-Pinene
- Camphene 4
- 5 beta-Pinene
- 6 Myrcene
- 7 a-Phellandrene
- 8 a-Terpinene
- 9 p-Cymene
- 10 1,8-Cineol
- 11 Limonene
- 12 g-Terpinene
- 13 Linalool
- 14 Camphor
- 15 Borneol
- 16 Terpinen-4-ol
- 17 a-Terpineol
- 18 Verbenone
- 19 Bornyl acetate
- 20 b-Caryophyllene
- 21 alpha-Caryophyllene

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