

GC Application

ID No.: 15570

Cold-Pressed Orange Oil on ZBWAX 60x0.25x0.25

Column: Zebtron[™] ZB-WAX, GC Cap. Column 60 m x 0.25 mm x 0.25 μ m, Ea

Phase: Polyethylene Glycol (PEG)

Dimensions: 60 meters x 0.25 mm x 0.25 μ m

Order No: 7KG-G007-11

Oven Profile: 75°C to for 4 min to 250°C at 4°C/min for 5 min

Carrier Gas: Constant Flow Helium, 0.8 mL/min

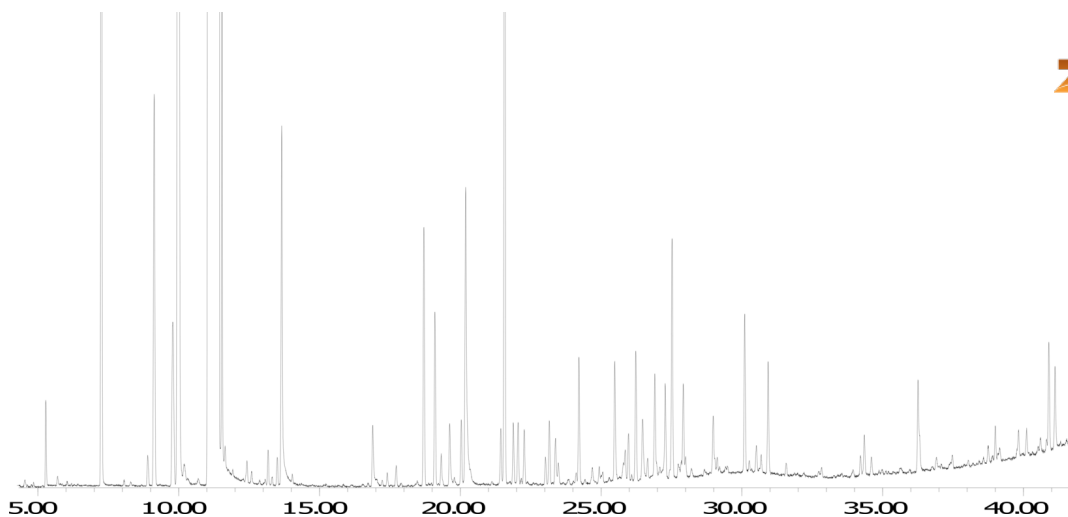
Injection: Split 75:1 0.2 μ L @ 275°C

Detection: Refractive Index (0°C)

Analyst Note: Injection of Pure Orange Oil



Products used in this application:



Cold-Pressed Orange Oil on ZBWAX 60x0.25x0.25

ANALYTES:

- 1 α -Pinene
- 2 beta-Pinene
- 3 Sabinene
- 4 3-Carene
- 5 beta-Myrcene
- 6 Limonene
- 7 beta-Phellandrene
- 8 Octanal
- 9 Limonene oxides
- 10 Citronellal
- 11 Cubebene
- 12 Decanal
- 13 Linalool
- 14 1-Octanol
- 15 Germacrene
- 16 trans-p-Mentha-2,8-dienol
- 17 cis-p-Mentha-2,8-dienol
- 18 Geranial
- 19 α -Terpineol
- 20 Dodecanal
- 21 Valencene
- 22 Citral
- 23 Carvone
- 24 Cadinene
- 25 Perillaldehyde
- 26 trans-Carveol
- 27 cis-Carveol
- 28 Perillol
- 29 Octanoic acid

