

GC Application

ID No.: 16478

Geranium oil on ZB-XLB

Column: Zebtron[™] ZB-XLB, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea

Phase: Proprietary XLB Phase

Dimensions: 30 meters x 0.25 mm x 0.25 μm

Order No: 7HG-G019-11

Oven Profile: 50 °C to 125 °C at 5 °C/min for 5 min to 300 °C at 15 °C/min.

Carrier Gas: Constant Flow Helium, 1.2 mL/min

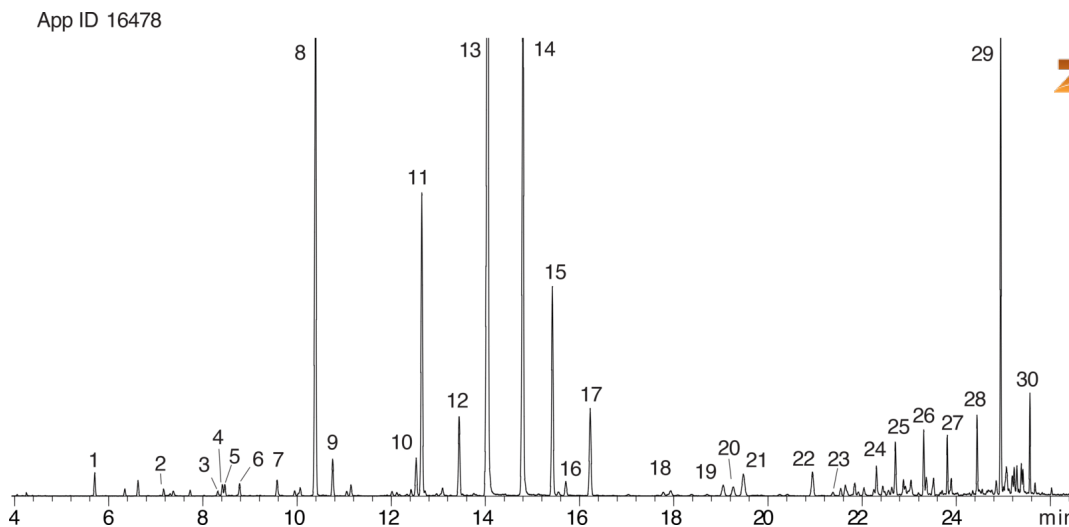
Injection: Split 25:1 1 μL @ 250°C

Detection: Mass Selective (MSD) (230°C)

Analyst Note: 1% Geranium oil in ethyl acetate



Products used in this application:



Geranium oil on ZB-XLB

ANALYTES:

- 1 α -Pinene
- 2 beta-Myrcene
- 3 p-Cymene
- 4 Limonene
- 5 beta-Pinene
- 6 Ocimene
- 7 Linalool oxide
- 8 Linalool
- 9 Rose oxide
- 10 Menthone
- 11 Menthone
- 12 α -Terpineol
- 13 Citronellol
- 14 Linalool
- 15 Citronellyl formate
- 16 Citral
- 17 Geranyl formate
- 18 α -Cubebene
- 19 α -Cubebene
- 20 Neryl acetate
- 21 b-Bourbonene
- 22 Caryophyllene
- 23 Cadinene
- 24 Neryl acetate
- 25 Germacrene-D
- 26 Amorphene
- 27 Geranyl butyrate
- 28 Phenylethyl tiglate
- 29 g-Eudesmol
- 30 Geranyl tiglate

