

# GC Application

ID No.: 16479

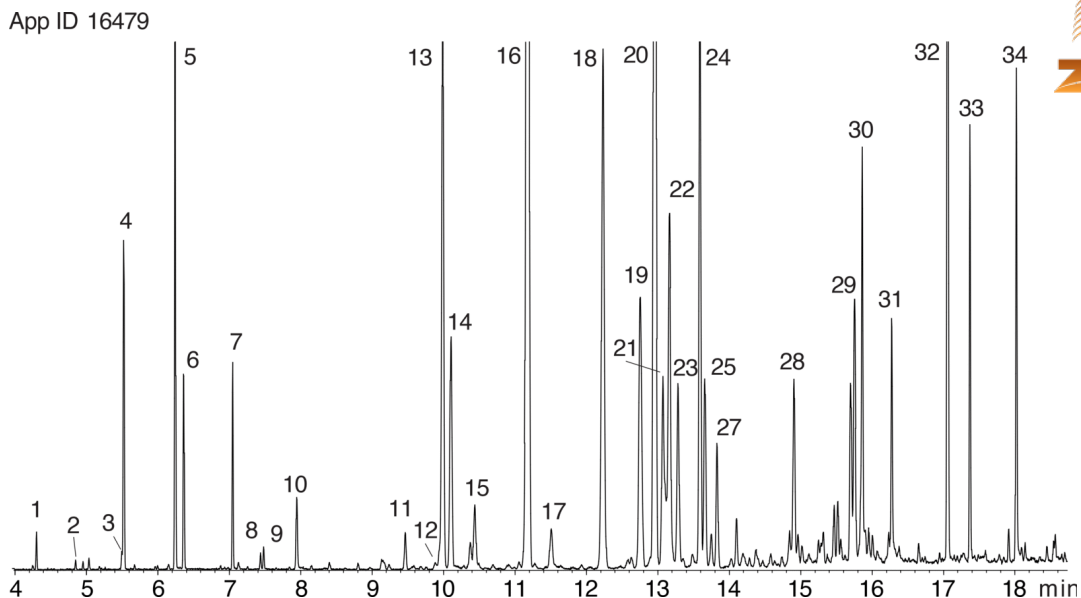
## Ylang Ylang Oil on ZB-XLB

**Column:** Zebron™ 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 for 1 min to 140 °C @ 15 °C/min for 5 min to 280 °C @ 15 °C/min.

**Carrier Gas:** Constant Flow Helium, 1.5 mL/min  
**Injection:** Split 50:1 1 µL @ 250°C  
**Detection:** Mass Selective (MSD) (180°C)  
**Analyst Note:** 1% ylang ylang oil in ethyl acetate



Products used in this application:



## Ylang Ylang Oil on ZB-XLB

### ANALYTES:

- 1  $\alpha$ -Pinene
- 2  $\beta$ -Pinene
- 3 Eucalyptol
- 4 1-Methoxy-4-methyl benzene
- 5 Linalool
- 6 Benzoic acid methyl ester
- 7 Benzyl acetate
- 8  $\alpha$ -Terpineol
- 9 Methyl salicylate
- 10 Nerol
- 11  $\alpha$ -Cubebene
- 12 Ylangene
- 13 Geraniol
- 14 Copaene
- 15  $\beta$ -Elemene
- 16  $\beta$ -Caryophyllene
- 17  $\beta$ -Cubebene
- 18  $\alpha$ -Caryophyllene
- 19  $\gamma$ -Muurolene
- 20 Germacrene-D
- 21  $\alpha$ -Farnesene
- 22  $\alpha$ -Bergamotene
- 23  $\alpha$ -Muurolene
- 24 Amorphene
- 25 Cadinene
- 26 Calamenene
- 27 Calamenene
- 28 Caryophyllene oxide
- 29 Cadinol
- 30 Cadinol
- 31 Farnesol
- 32 Benzyl benzoate
- 33 Farnesyl acetate
- 34 Benzyl salicylate

