

# GC Application

ID No.: 16326

## Cognac Standard on ZB-WAX

**Column:** Zebron<sup>™</sup> ZB-WAX, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea  
**Phase:** Polyethylene Glycol (PEG)  
**Dimensions:** 30 meters x 0.25 mm x 0.25 µm  
**Order No:** 7HG-G007-11  
**Oven Profile:** 35 °C for 6 min to 60 °C at 5 °C/min for 2 min to 210 °C at 10 °C/min.

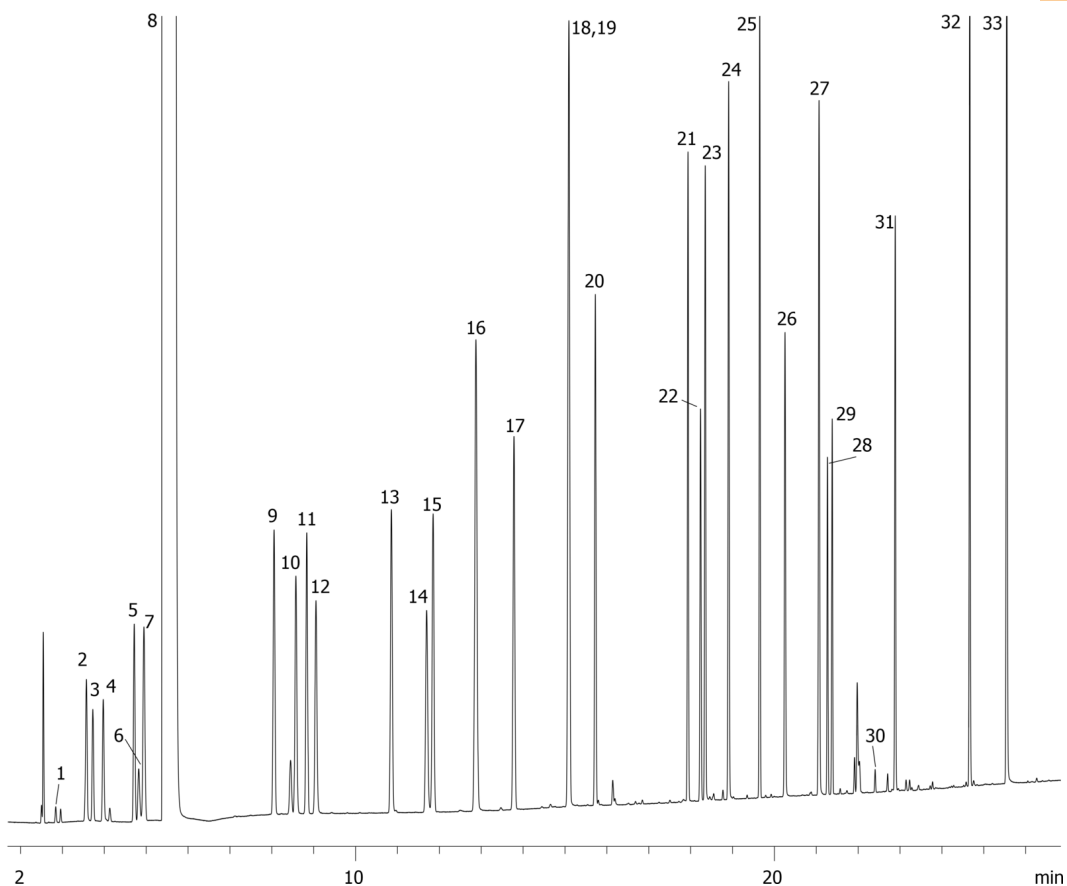
**Carrier Gas:** Constant Flow Hydrogen, 1 mL/min  
**Injection:** Split 25:1 1 µL @ 210°C  
**Detection:** Flame Ionization (FID) (230°C)  
**Analyst Note:** 200 ppm standard in methylene chloride



Products used in this application:



16326



## Cognac Standard on ZB-WAX

### ANALYTES:

- 1 Acetaldehyde
- 2 Isobutanal
- 3 Ethyl formate
- 4 Acrolein
- 5 Ethyl acetate
- 6 Acetal
- 7 Methanol
- 8 Methylene chloride
- 9 Isobutyl acetate
- 10 2-Butanol
- 11 Ethyl butyrate
- 12 1-Propanol
- 13 Isobutanol
- 14 Allyl alcohol
- 15 Isoamyl acetate
- 16 1-Butanol
- 17 4-Methyl-2-pentanol
- 18 Methyl-2-butanol
- 19 Methyl-3-butanol
- 20 Ethyl caproate
- 21 Ethyl heptanoate
- 22 Ethyl lactate
- 23 Hexanol
- 24 cis-3-Hexenol
- 25 Ethyl caprylate
- 26 Furfural
- 27 Benzaldehyde
- 28 Linalool
- 29 Linolyl acetate
- 30 Ethyl caprate
- 31 Diethyl succinate
- 32 Ethyl laurate
- 33 Phenyl-2-ethanol

