

GC Application

ID No.: 16326

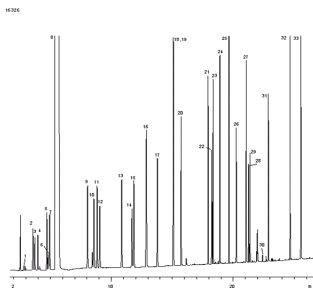
Cognac Standard on ZB-WAX

Column: Zebtron™ 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:



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 (solvent)
- 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

