

Cognac Standard (Headspace) on ZB-WAXplus

Column: Zebtron[™] ZB-WAXplus[™], 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-G013-11

Oven Profile: 35 °C for 7 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

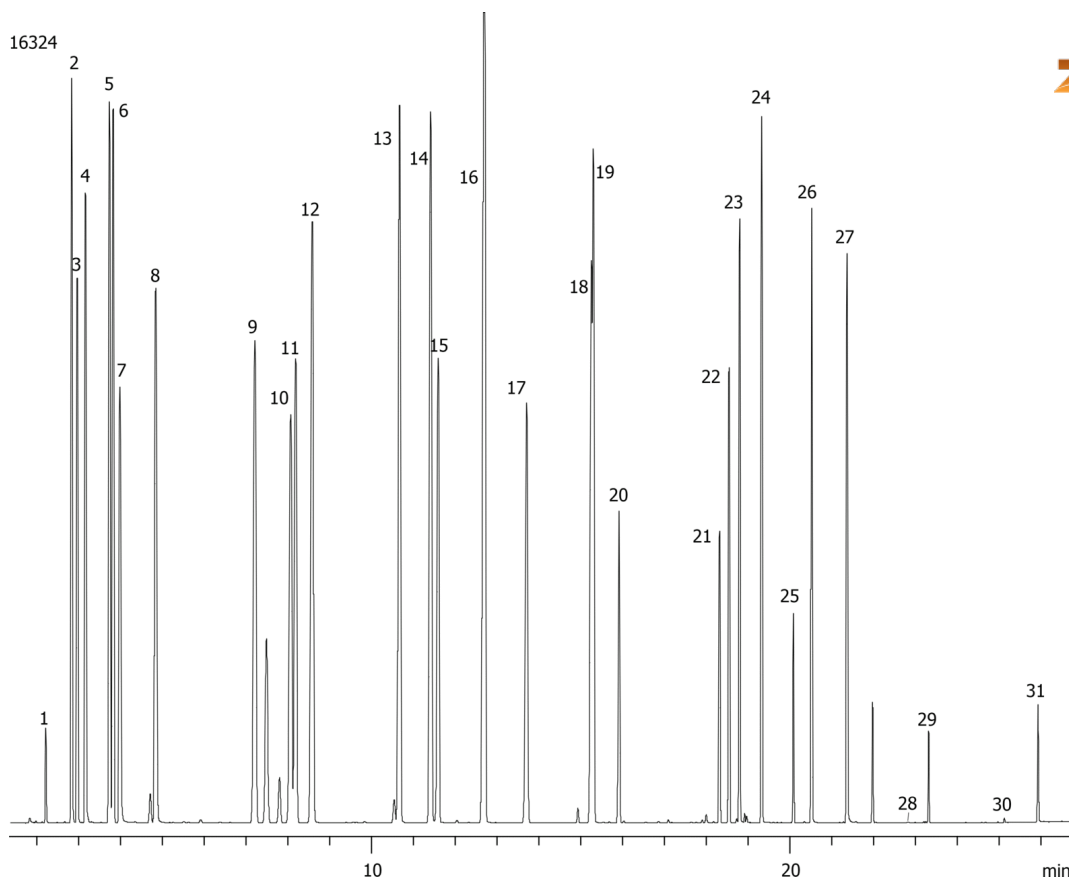
Injection: Headspace 25:1 200 μL @ 210°C

Detection: Flame Ionization (FID) (230°C)

Analyst Note: Static headspace injection (80 °C for 20 min)



Products used in this application:



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ANALYTES:

- 1 Acetaldehyde
- 2 Isobutanal
- 3 Ethyl formate
- 4 Acrolein
- 5 Ethyl acetate
- 6 Acetal
- 7 Methanol
- 8 Ethanol
- 9 Isobutyl acetate
- 10 2-Butanol
- 11 Ethyl butyrate
- 12 1-Propanol
- 13 Isobutanol
- 14 Allyl alcohol
- 15 Isoamyl acetate
- 16 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 Ethyl caprate
- 29 Diethyl succinate
- 30 Ethyl laurate
- 31 Phenyl-2-ethanol

