## **GC Application** ID No.: **16045**



### Scotch Whiskey Main Compounds on ZB-624

Zebron™ ZB-624, GC Cap. Column 20 m x 0.18 mm x 1.00 μm, Ea Column:

Phase: 6% Cyanopropylphenyl 94% Dimethylpolysiloxane

**Dimensions:** 20 meters x 0.18 mm x 1 μm

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**Oven Profile:** 35°C for 4 min to 85°C at 10°C/min to 200°C at 25°C/min for 1 min

**Carrier Gas:** Constant Flow Helium, 1.5 mL/min

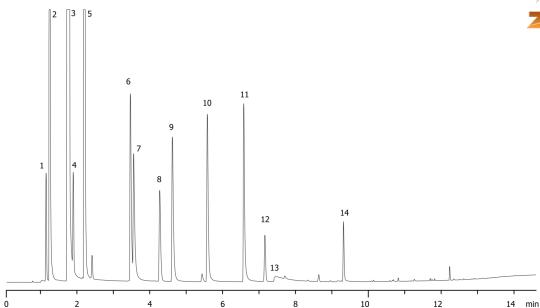
Injection: Split 40:1 0.2 µL @ 140°C **Detection:** Flame Ionization (FID) (200°C)

Analyst Note: Analytes are 20ppm in 60/40 water/ethanol matrix



Products used in this application:





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### **Scotch Whiskey Main Compounds on ZB-624**

#### **ANALYTES:**

- 1 Acetaldehyde
- 2 Methanol
- 3 Ethanol
- Acrolein
- Isopropanol
- Allyl alcohol 6
- 1-Propanol 7
- Ethyl acetate
- 9 sec-Butanol
- 10 Isobutanol
- 11 n-Butanol
- 12 Acetal
- 13 Acetic acid
- 14 Acetaldehyde Trimer