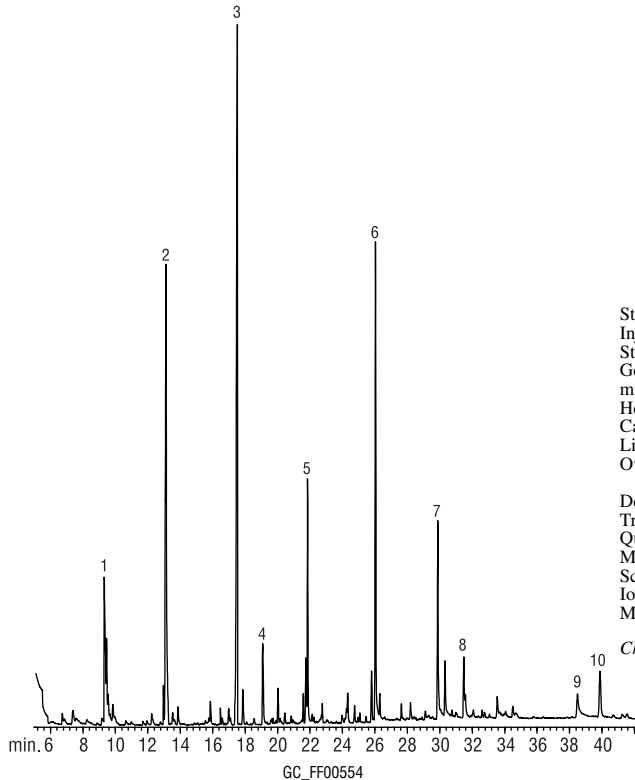


Flavor Compounds in Malt Whiskey Stabilwax®-DA



1. acetic acid
2. ethyl decanoate
3. ethyl dodecanoate
4. 2-phenylethanol
5. octanoic acid
6. decanoic acid
7. dodecanoic acid
8. vanillin
9. hexadecanoic acid
10. syringaldehyde

Stabilwax®-DA 30m, 0.18mm ID, 0.18µm (cat.# 550752)
Inj.: 10µL large volume injection (splitless), at 10µL/min.
Std. conc.: neat
Gerstel CIS Injector: 35°C (hold 2 min.), to 300°C @ 10°C/sec. (hold 5 min.)
Helium vent flow: 600mL/min with 1.8 min. vent end time
Carrier gas: helium
Linear velocity: 45cm/sec.
Oven temp.: 60°C (hold 2 min.) to 100°C @ 20°C/min., to 240°C @ 5°C/min. (hold 10 min.)
Det.: MSD
Transfer line temp.: 240°C
Quadrupole temp.: 150°C
MS source temp.: 230°C
Scan range: 30–400amu
Ionization: 70eV
Mode: EI

Chromatogram courtesy of Kevin MacNamara, Ph.D., Irish Distilleries, Ltd.