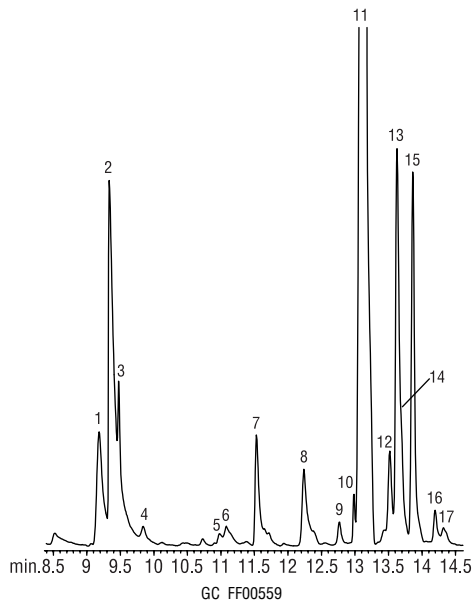


Flavor Compounds in Grappa Stabilwax®-DA



1. ethyl octanoate
2. acetic acid
3. siloxane
4. furfural
5. propionic acid
6. benzaldehyde + linalool
7. isobutyric acid
8. methyl decanoate
9. butyric acid
10. siloxane
11. ethyl decanoate
12. isoamyl octanoate
13. isovaleric acid + 2-methylbutyric acid
14. susquiterpene (shoulder)
15. diethyl succinate
16. ethyl 9-decenoate
17. α -terpineol

Stabilwax®-DA 30m, 0.18mm ID, 0.18 μ m (cat.# 550752)
Inj.: 10 μ L large volume injection (splitless), at 10 μ L/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.*