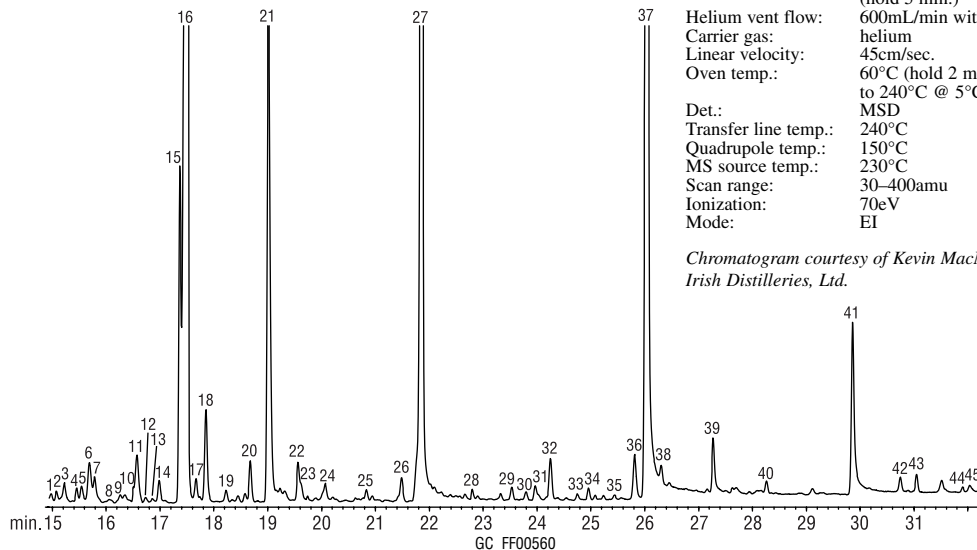


Flavor Compounds in Grappa

Stabilwax®-DA



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.*

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|---------------------------------------|---|--------------------------|---------------------------|---------------------------|
| 1. (possible 3-methyl-2(5H)-furanone) | 10. siloxane | 19. benzyl alcohol | 29. ethyl cinnamate | 39. geranic acid |
| 2. valeric acid + susquiterpene | 11. methyl dodecanoate | 20. unknown | 30. decalactone + unknown | 40. phenylethyl octanoate |
| 3. linalool oxide | 12. hexyl octanoate + 2-tridecanone | 21. 2-phenylethanol | 31. nonanoic acid | 41. dodecanoic acid |
| 4. susquiterpene | 13. <i>trans</i> -2, <i>trans</i> -4-decadienol | 22. 2-ethylhexanoic acid | 32. phenylethyl hexanoate | 42. ethyl linoleate |
| 5. isobutyl decanoate | 14. 2-phenylethyl acetate | 23. heptanoic acid | 33. diethyl nonanedioate | 43. diisobutyl phthalate |
| 6. 1-decanol | 15. hexanoic acid | 24. dodecanol | 34. methyl hexadecanoate | 44. ethyl linolenate |
| 7. β-citronellol | 16. ethyl dodecanoate | 25. phenol | 35. dimethyl naphthalene | 45. phenylethyl decanoate |
| 8. susquiterpene | 17. unknown | 26. γ-nonalactone | 36. ethyl hexadecanoate | |
| 9. methyl salicylate + unknown | 18. isoamyl decanoate | 27. octanoic acid | 37. decanoic acid | |
| | | 28. siloxane | 38. ethyl 9-hexadecenoate | |