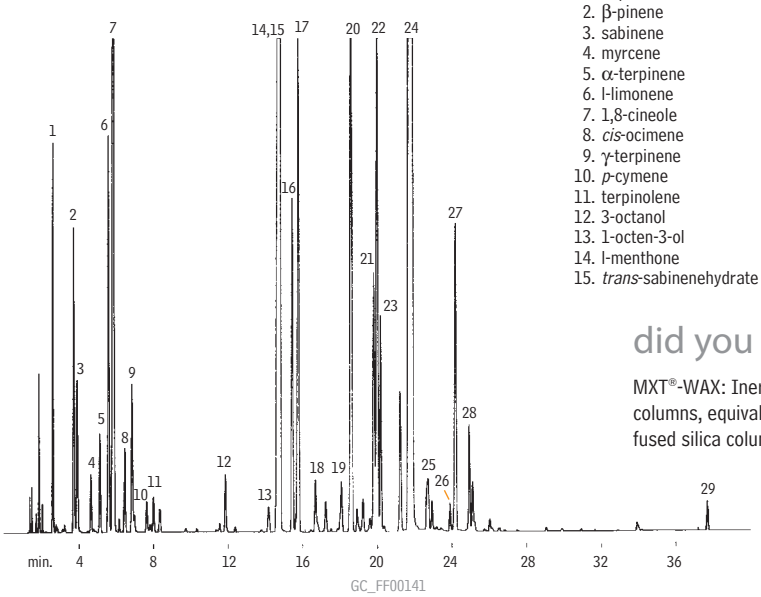
Peppermint Oil
MXT®-WAX



GC_FF00141

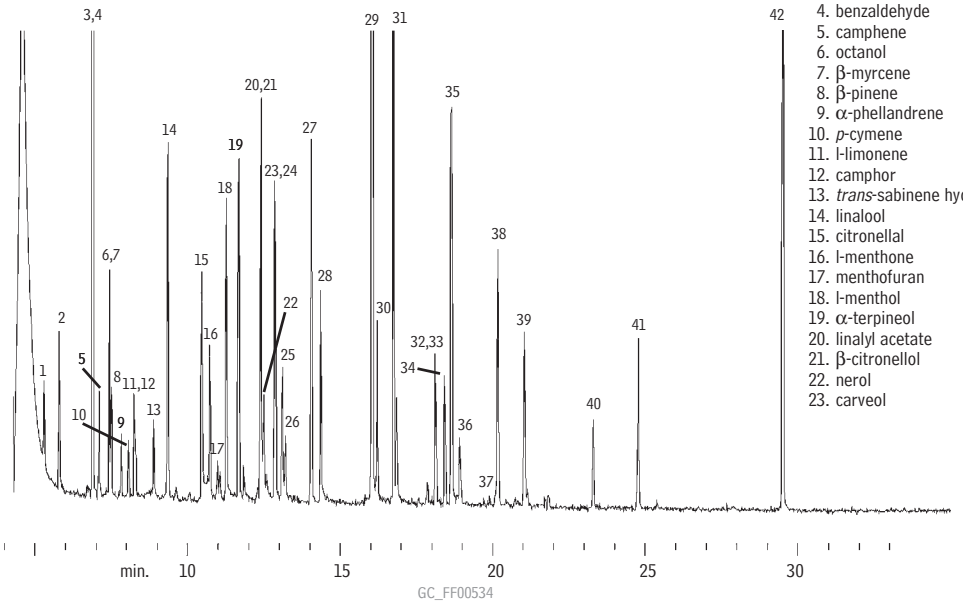
1. α-pinene
2. β-pinene
3. sabinene
4. myrcene
5. α-terpinene
6. l-limonene
7. 1,8-cineole
8. *cis*-ocimene
9. γ-terpinene
10. *p*-cymene
11. terpinolene
12. 3-octanol
13. 1-octen-3-ol
14. l-menthone
15. *trans*-sabinenehydrate
16. menthofuran
17. d-isomenthone
18. β-bourbonene
19. linalool
20. menthyl acetate
21. neo-menthol
22. β-caryophyllene
23. terpinene-4-ol
24. l-menthol
25. pulegone
26. α-terpineol
27. germacrene-Δ
28. piperitone
29. viridiflorol

did you **know**?

MXT®-WAX: Inert stainless steel columns, equivalent to Stabilwax® fused silica columns!

Column:	MXT®-WAX, 30m, 0.28mm ID, 0.50μm (cat.# 70639)
Sample:	1.0μL split injection of peppermint oil
Oven temp.:	75°C (hold 4 min.) to 240°C @ 4°C/min.
Inj./det. temp.:	250°C
Carrier gas:	hydrogen
Linear velocity:	40cm/sec. set @ 75°C
FID sensitivity:	16 x 10^{-11} AFS
Split ratio:	50:1

Synthetic Essential Oil Mixture
Rtx®-1



GC_FF00534

1. ethyl butyrate
2. *trans*-2-hexenol
3. α-pinene
4. benzaldehyde
5. camphene
6. octanol
7. β-myrcene
8. β-pinene
9. α-phellandrene
10. *p*-cymene
11. l-limonene
12. camphor
13. *trans*-sabinene hydrate
14. linalool
15. citronellal
16. l-menthone
17. menthofuran
18. l-menthol
19. α-terpineol
20. linalyl acetate
21. β-citronellol
22. nerol
23. carveol
24. anisaldehyde
25. carvone
26. geraniol
27. anethole
28. cinnamic alcohol
29. eugenol
30. neryl acetate
31. geranyl acetate
32. vanillin
33. coumarin
34. α-ionone
35. ethyl vanillin
36. β-caryophyllene
37. α-caryophyllene
38. β-ionone
39. valencene
40. ethyl laurate
41. amyl cinnamic aldehyde
42. nootketone

Column:	Rtx®-1, 60m, 0.25mm ID, 0.25μm (cat.# 10126)
Sample:	1.0μL split injection of 42 flavor components
Oven temp.:	100°C to 260°C @ 4°C/min. (hold 1 min.)
Inj./det. temp.:	250°C/280°C
Det. type:	MSD
Carrier gas:	helium
Linear velocity:	30cm/sec. set @ 50°C
FID sensitivity:	2 x 10^{-11} AFS
Split vent:	100cc/min.