

CoreFocus
Report
No. 521

GC

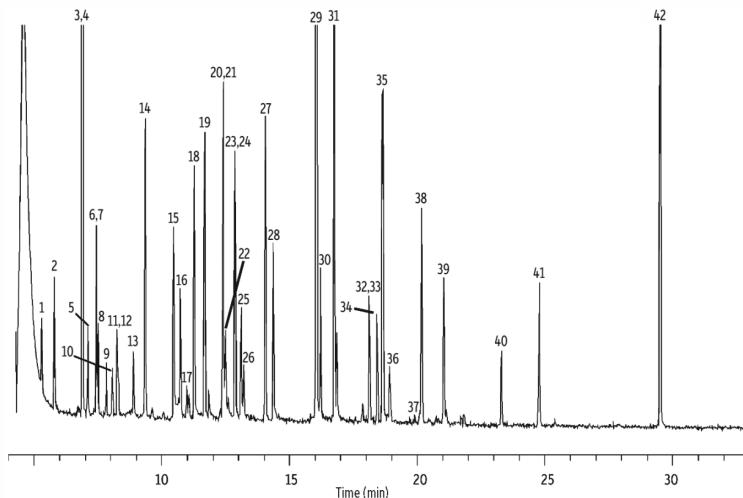
FID

SH Series

SH-1

Analysis of Synthetic essential oil mixture

Keywords: Aroma ingredients, Fragrances, Flavors



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

Instrument	: GC
Column	: SH-1 (60 m x 0.25 mm I.D. df = 0.25 μ m), P/N: 221-75719-60
Column temp.	: 100 °C - 4 °C/min - 260 °C (1 min)
Inj. vol.	: 1.0 μ L split
Inj. temp.	: 250 °C
Split vent	: 100 ml/min
Carrier gas	: He, 30 cm/s linear velocity at 50 °C
Detector	: FID
Detector temp.	: 280 °C

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