

CoreFocus
Report
No. 517

GC

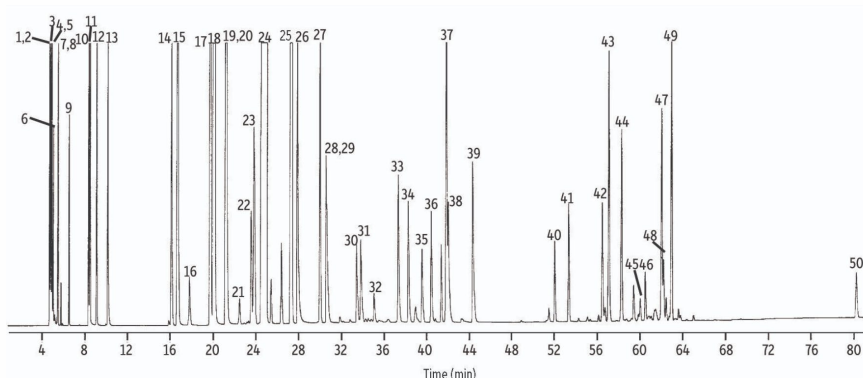
FID

SH Series

SH-1

Analysis of Flavor volatiles

Keywords: Aroma ingredients, Fragrances



1. Methanol	11. Ethylbutyrate	21 α -Phellandrene	31 <i>trans</i> -Limonene monoxide	41. Geranyl acetate
2. Acetaldehyde	12. Furfural	22 α -Terpinene	32 Citronellal	42. α -Ionone
3. Ethanol	13. <i>trans</i> -2-Hexenal	23 p-Cymene	33 Terpinene-4-ol	43. β -Caryophyllene
4. Acetone	14. α -Thujene	24 δ -Limonene	34 α -Terpineol	44. <i>trans</i> - α -Bergamotene
5. Isopropyl alcohol	15. α -Pinene	25 γ -Terpinene	35 Decanal	45. BHA
6. Methylene chloride	16. Camphene	26 Octanol	36 d & l Carveol	46. β -Ionone
7. Hexane	17. Sabinene	27 Terpinolene	37 Neral	47. Valencene
8. Ethyl acetate	18. β -Pinene	28 Nonanal	38 Carvone	48. γ -Elemene
9. Ethyl propionate	19. Octanal	29 Linalool	39 Geranial	49. β -Bisabolene
10. <i>n</i> -Hexanal	20. Myrcene	30 <i>cis</i> -Limonene monoxide	40. Neryl acetate	50. Nootketone

Instrument	: GC
Column	: SH-1 (60 m x 0.53 mm I.D., df = 0.50 μ m) , P/N : 227-36106-01
Column temp.	: 70°C (15 min) - 2°C/min - 190°C (5 min)
Inj. vol.	: 0.8 μ L split
Inj. temp.	: 220 °C
Split ratio	: 1:20
Carrier gas	: He, 20 cm/s linear velocity at 70 °C
Detector	: FID
Detector temp.	: 260 °C

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