

CoreFocus
Report
No. 521

GC

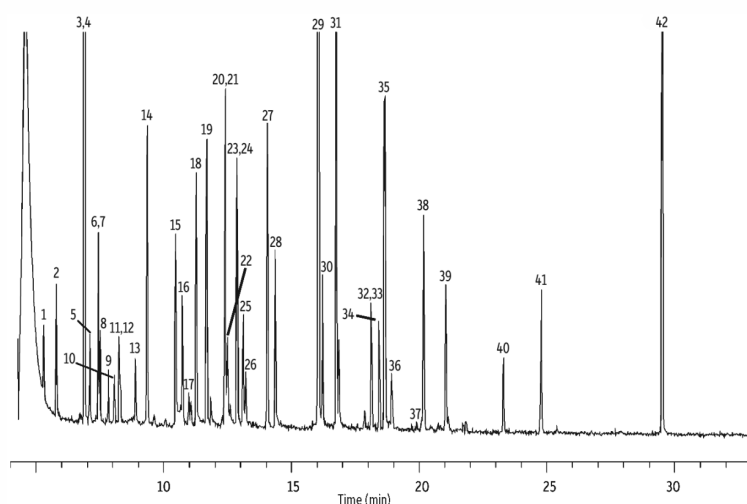
FID

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. vanillin |
| 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. ethyl laurate |
| 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 $^{\circ}$ C - 4 $^{\circ}$ C/min - 260 $^{\circ}$ C (1 min)
Inj. vol.	: 1.0 μ L split
Inj. temp.	: 250 $^{\circ}$ C
Split vent	: 100 mL/min
Carrier gas	: He, 30 cm/s linear velocity at 50 $^{\circ}$ C
Detector	: FID
Detector temp.	: 280 $^{\circ}$ C

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