

CoreFocus

Report

No.361

GC

FID

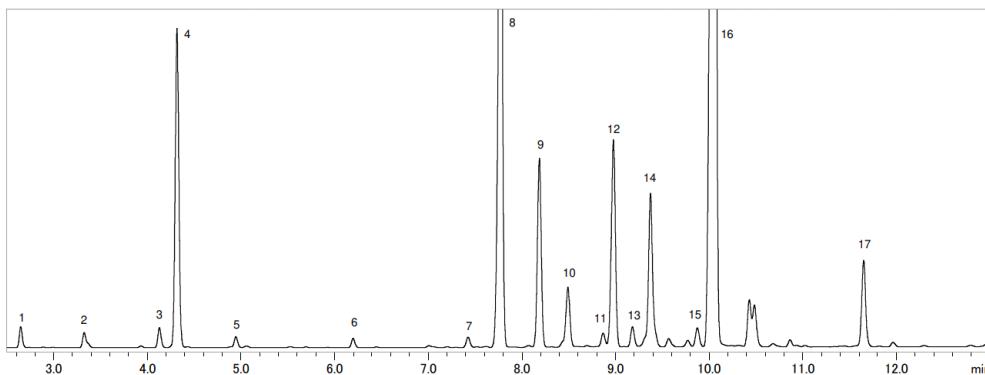
AOC

SH Series

SH-Wax

Analysis of Aroma Components in Essential Oils

Keywords: Viscosity sample



1. β -Pinene
2. Sabinene
3. D-Limonene
4. Eucalyptol
5. p-Cymene
6. 3-Octanol
7. trans-Sabinene hydrate
8. D-Menthone
9. D-isomenthone
10. β -Bourbonene
11. Menthyl formate
12. Menthyl acetate
13. Isopulegol
14. Neomenthol
15. Terpinen-4-ol
16. Menthol
17. Peritone

Model	:	Nexis™ GC-2030 / AOC-30i
Injection Volume	:	0.5 μ L
Injection Temp.	:	260 °C
Injection Mode	:	Split Mode
Split Ratio	:	1:100
Carrier Gas	:	He
Carrier Gas Control	:	Linear Velocity (40 cm/s)
Column	:	SH-Wax (30 m x 0.32 mm I.D. df = 1.0 μ m), P/N: 221-75897-30
Column Temp.	:	90 °C - 8 °C/min - 240 °C (15 min)
Detector	:	Flame Ionization Detector (FID)
Detector Temp.	:	300 °C
Detector Gas	:	H_2 32.0 mL/min, Air 200 mL/min
Makeup Gas	:	He (24 mL/min)
Injector Setting	:	Pumping Times 0 times Presolvent Wash Time 0 times Plunger Speed (Injection) middle Plunger Speed (Suction) middle Viscosity Comp. Time 3.0 s
Syringe	:	*automatically set by "Inject Viscous Sample" Xtra Life Microsyringe, 10 μ L, P/N 227-35400-01

Source : Application News 01-00004 ([JP](#), [ENG](#))

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