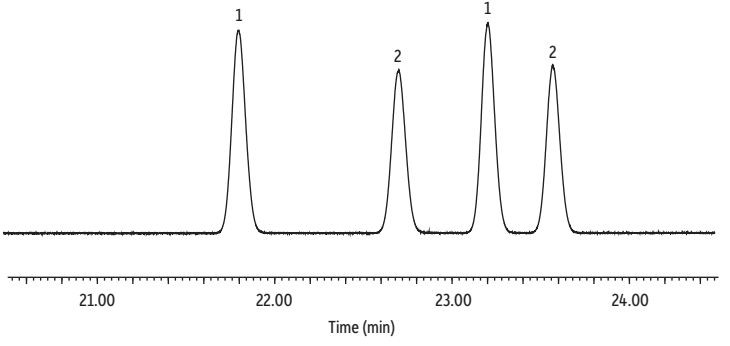
Linalool Oxides on Rt-βDEXsm

Peaks	t_R 1	t_R 2
1. *trans*-Linalool oxide	21.796	23.202
2. *cis*-Linalool oxide	22.698	23.569

Column	Rt-βDEXsm, 30 m, 0.32 mm ID, 0.25 µm (cat.# 13104)
Standard/Sample	Linalool oxides
Diluent:	Acetone
Conc.:	1000 µg/mL
Injection	
Inj. Vol.:	1 µL split (split ratio 100:1)
Liner:	Topaz 4.0 mm ID Precision inlet liner w/ wool (cat.# 23305)
Inj. Temp.:	210 °C
Oven	
Oven Temp.:	40 °C (hold 1 min) to 230 °C at 2 °C/min (hold 3 min)
Carrier Gas	H_2, constant flow
Linear Velocity:	80 cm/sec @ 40 °C

Detector	FID @ 230 °C
Constant Column + Constant Make-up:	51.4 mL/min
Make-up Gas Type:	N_2
Hydrogen flow:	40 mL/min
Air flow:	400 mL/min
Data Rate:	50 Hz
Instrument	Agilent 7890A GC
Sample Preparation	Linalool oxide (neat) was dissolved in acetone to a final concentration of 1000 ppm in 2 mL, screw-thread vials (cat.# 21143) and capped with short-cap, screw-vial closures (cat.# 24495).



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