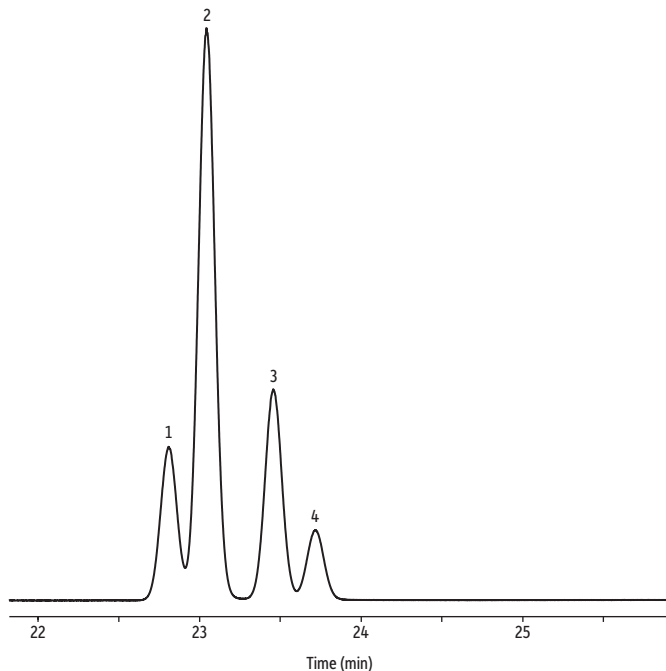


## Rose Oxides on Rt- $\beta$ DEXsa



GC\_FF1371

Peaks	tr (min)
1. <i>cis</i> -(+)-Rose oxide	22.810
2. <i>cis</i> -(-)-Rose oxide	23.045
3. <i>trans</i> -(-)-Rose oxide	23.459
4. <i>trans</i> -(+)-Rose oxide	23.720

<b>Column</b>	Rt- $\beta$ DEXsa, 30 m, 0.32 mm ID, 0.25 $\mu$ m (cat.# 13108)
<b>Standard/Sample</b>	Rose oxide racemate
Diluent:	Acetone
Conc.:	830 $\mu$ g/mL
<b>Injection</b>	
Inj. Vol.:	1 $\mu$ L split (split ratio 100:1)
Liner:	Topaz 4.0 mm ID Precision inlet liner w/ wool (cat.# 23305)
Inj. Temp.:	210 °C
<b>Oven</b>	
Oven Temp.:	40 °C (hold 1 min) to 230 °C at 2 °C/min (hold 3 min)
<b>Carrier Gas</b>	H <sub>2</sub> , constant flow
Linear Velocity:	80 cm/sec @ 40 °C
<b>Detector</b>	FID @ 230 °C
Constant Column +	
Constant Make-up:	51.4 mL/min
Make-up Gas Type:	N <sub>2</sub>
Hydrogen flow:	40 mL/min
Air flow:	400 mL/min
Data Rate:	50 Hz
<b>Instrument</b>	Agilent 7890A GC
<b>Sample Preparation</b>	Rose oxide racemate (neat) was dissolved in acetone to a final concentration of 830 ppm in 2 mL, screw-thread vials (cat.# 21143), and capped with short-cap, screw-vial closures (cat.# 24495).