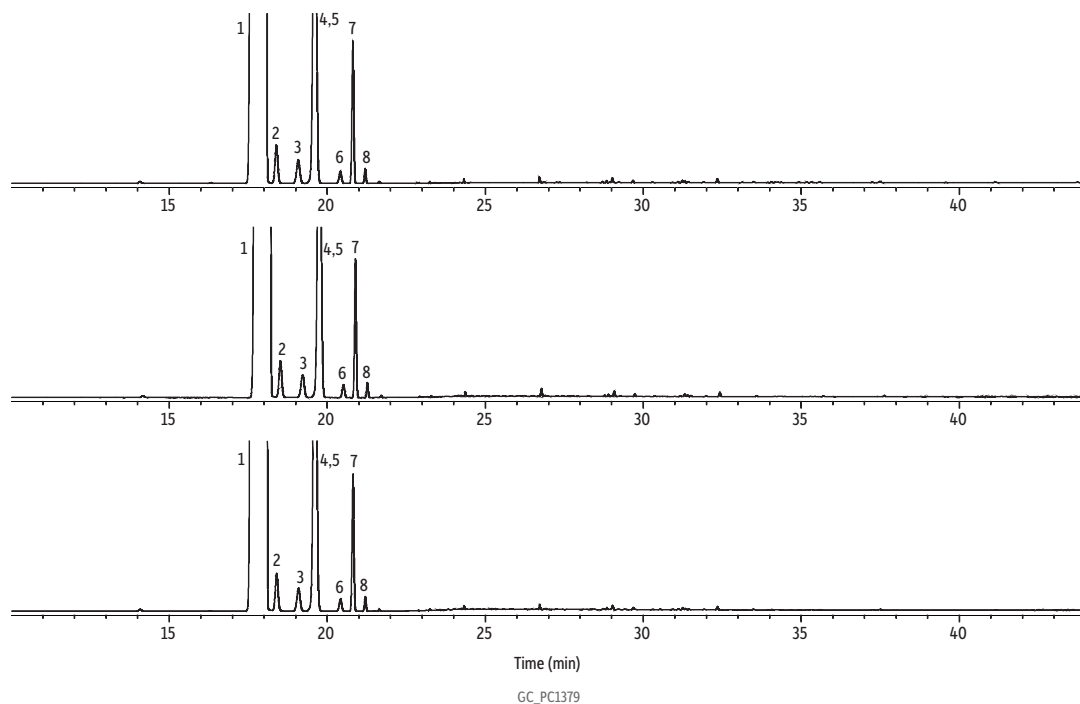


Lot-to-Lot Comparison: 1-Hexene on Rxi-LAO

- Consistent lot-to-lot performance.



Peaks	tr (min)
1. 1-Hexene	18.04
2. Hexane	18.39
3. 2-Ethyl-1-butene	19.08
4. <i>cis</i> -3-Hexene	19.60
5. <i>trans</i> -2-Hexene	19.61
6. <i>cis</i> -3-Methyl-2-pentene	20.41
7. <i>cis</i> -2-Hexene	20.81
8. <i>trans</i> -3-Methyl-2-pentene	21.19

Column	Rxi-LAO, 60 m, 0.25 mm ID, 1.4 μ m (cat.# 13876)
Standard/Sample	1-Hexene
Conc.:	Neat solvent
Injection	
Inj. Vol.:	1 μ L split (split ratio 100:1)
Liner:	Topaz 4.0 mm ID low pressure drop Precision inlet liner w/wool (cat.# 23309)
Inj. Temp.:	250 $^{\circ}$ C
Split Vent Flow Rate:	125 mL/min
Oven	
Oven Temp.:	35 $^{\circ}$ C (hold 20 min) to 160 $^{\circ}$ C at 30 $^{\circ}$ C/min (hold 20 min)
Carrier Gas	He, constant flow
Linear Velocity:	23 cm/sec @ 35 $^{\circ}$ C
Detector	FID @ 300 $^{\circ}$ C
Make-up Gas Flow Rate:	45 mL/min
Make-up Gas Type:	N ₂
Hydrogen flow:	40 mL/min
Air flow:	450 mL/min
Data Rate:	20 Hz
Instrument	Agilent 7890B GC
Sample Preparation	The sample was pipetted into a 2 mL vial (cat.# 21142) and capped with a short screw cap (cat.# 24498).