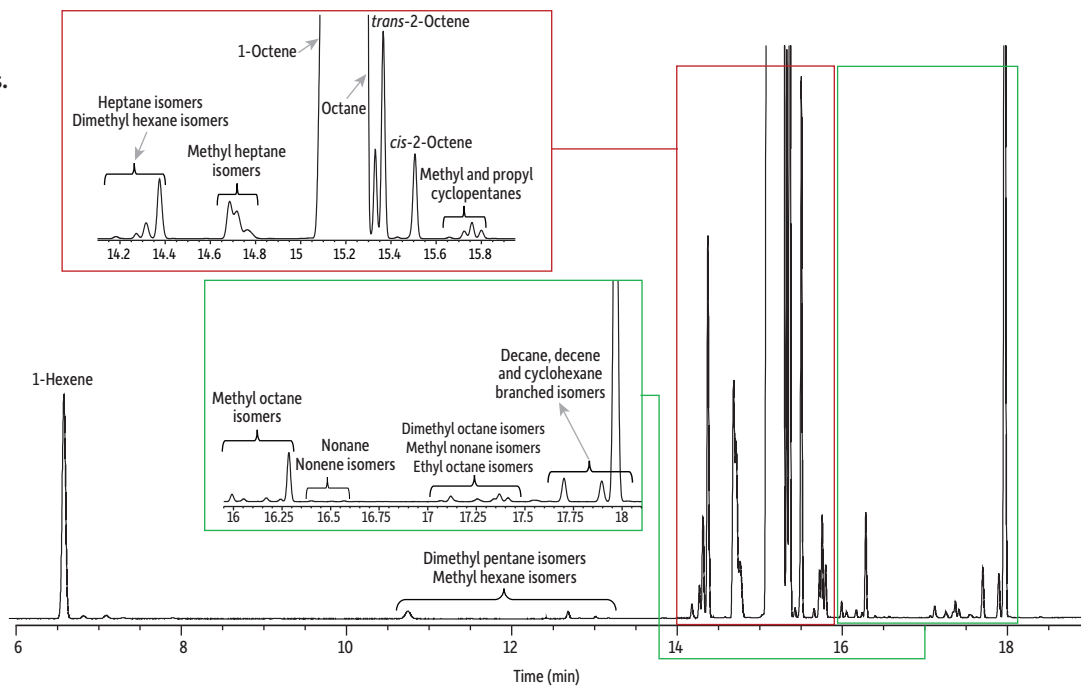


# 1-Octene on Rxi-LAO (40 m x 0.18 mm x 1.0 μm)

- Fast analysis.



GC\_PC1382

<b>Column</b>	Rxi-LAO, 40 m, 0.18 mm ID, 1.0 μm (cat.# 40815)
<b>Standard/Sample</b>	1-Octene
<b>Conc.:</b>	Neat solvent
<b>Injection</b>	
Inj. Vol.:	1 μL split (split ratio 100:1)
Liner:	Topaz 4.0 mm ID low pressure drop Precision inlet liner w/wool (cat.# 23309)
Inj. Temp.:	250 °C
Split Vent Flow Rate:	178 mL/min
<b>Oven</b>	
Oven Temp.:	35 °C (hold 11.85 min) to 160 °C at 50 °C/min (hold 12 min)
<b>Carrier Gas</b>	He, constant flow
Linear Velocity:	39.19 cm/sec @ 35 °C
<b>Detector</b>	FID @ 300 °C
Make-up Gas Flow Rate:	45 mL/min
Make-up Gas Type:	N <sub>2</sub>
Hydrogen flow:	40 mL/min
Air flow:	400 mL/min
Data Rate:	20 Hz
<b>Instrument</b>	Agilent 7890B GC
<b>Sample Preparation</b>	The sample was pipetted into a 2 mL vial (cat.# 21142) and capped with a short screw cap (cat.# 24498).
<b>Notes</b>	<ul style="list-style-type: none"> <li>• Peaks are tentatively identified.</li> <li>• A 208V instrument was used.</li> </ul>