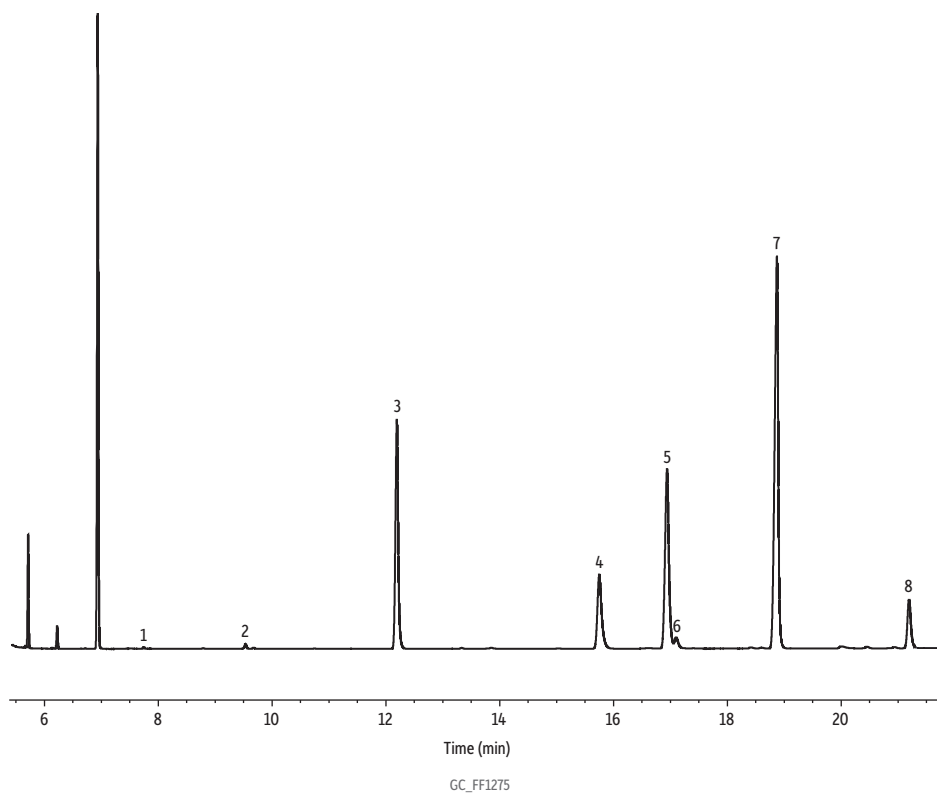


Shortening on Rt-2560



Peaks	t _R (min)	Structural Nomenclature
1. Methyl laurate	7.745	C12:0
2. Methyl myristate	9.531	C14:0
3. Methyl palmitate	12.191	C16:0
4. Methyl stearate	15.747	C18:0
5. Methyl oleate	16.938	C18:1 <i>cis</i> -9
6. Methyl vaccenate	17.099	C18:1 <i>cis</i> -11
7. Methyl linoleate	18.869	C18:2 <i>cis</i> -9,12
8. Methyl linolenate	21.192	C18:3 <i>cis</i> -9,12,15

Column Rt-2560, 100 m, 0.25 mm ID, 0.20 μm (cat.# 13198)
Standard/Sample Shortening
Diluent: Hexane
Injection
 Inj. Vol.: 1 μL split (split ratio 100:1)
 Liner: Topaz 4 mm ID straight inlet liner w/wool (cat.# 23300)
 Inj. Temp.: 250 °C
Oven
 Oven Temp.: 160 °C to 250 °C at 2 °C/min (hold 5 min)
Carrier Gas H₂, constant flow
 Linear Velocity: 40 cm/sec
Detector FID @ 250 °C
Instrument Agilent 7890A GC
Sample Preparation The sample was prepared using sodium methoxide.