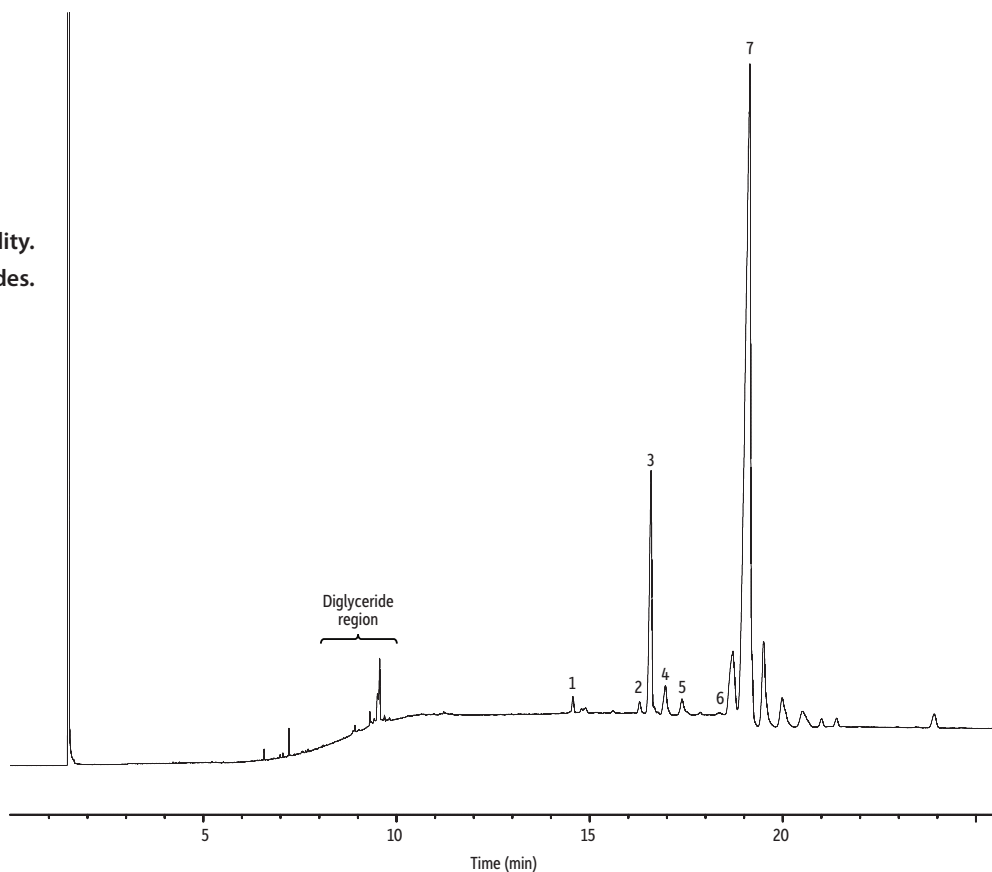


## Sunflower Oil on Rxi-65TG (30 m x 0.32 mm x 0.1 µm)

- Low bleed.
- High temperature stability.
- Separation of triglycerides.



GC\_FF1344

Peaks	tr (min)	Peaks	tr (min)
1. 1,3-Palmitin-2-olein (POP)	14.566	4. 1-Palmitin-2-linolein-2-olein (PLO)	16.960
2. 1-Palmitin-2-olein-3-stearin (POS)	16.291	5. 1,2-Linolein-3-palmitin (PLL)	17.387
3. 1,2-Olein-3-palmitin (POO)	16.587	6. 1,2-Stearin-3-olein (SOS)	18.353
		7. Triolein (OOO)	19.152

**Column** Rxi-65TG, 30 m, 0.32 mm ID, 0.10 µm (cat.# 17109)  
**Sample** Sunflower oil  
**Diluent:** Isooctane  
**Conc.:** 5 mg/mL in isooctane  
**Injection**  
**Inj. Vol.:** 1 µL split (split ratio 25:1)  
**Liner:** Topaz 4.0 mm ID Precision inlet liner w/wool (cat.# 23305)  
**Inj. Temp.:** 360 °C  
**Oven**  
**Oven Temp.:** 200 °C (hold 1.2 min) to 350 °C at 21.7 °C/min to 365 °C at 1.2 °C/min (hold 5 min)  
**Carrier Gas** Hz, constant flow  
**Flow Rate:** 1.28 mL/min  
**Dead Time:** 1.4331 min  
**Detector** FID @ 365 °C  
**Make-up Gas**  
**Flow Rate:** 30 mL/min  
**Make-up**  
**Gas Type:** Nz  
**Hydrogen flow:** 40 mL/min  
**Air flow:** 370 mL/min  
**Data Rate:** 50 Hz  
**Instrument** Agilent 7890B GC  
**Notes** Sample Preparation: 50 mg of sunflower oil was diluted to 10 mL with isooctane.