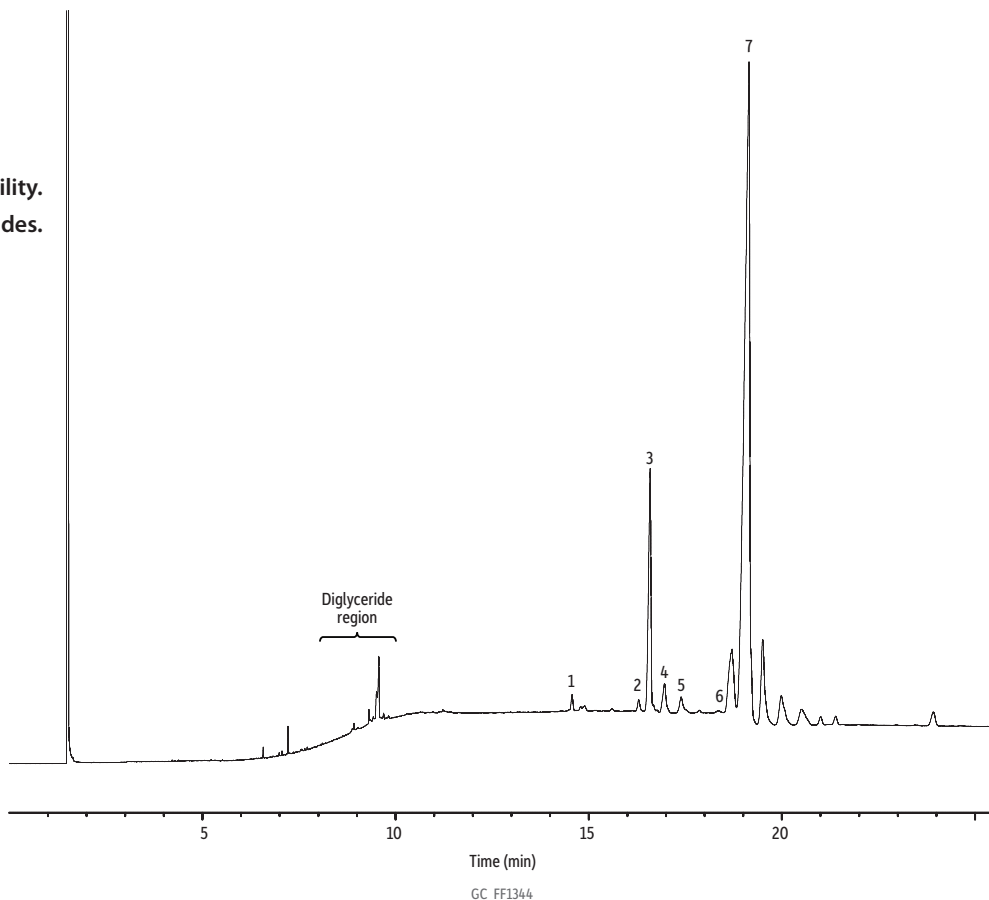


Sunflower Oil on Rxi-65TG (30 m x 0.32 mm x 0.1 µm)

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



Peaks	tr (min)
1. 1,3-Palmitin-2-olein (POP)	14.566
2. 1-Palmitin-2-olein-3-stearin (POS)	16.291
3. 1,2-Olein-3-palmitin (POO)	16.587
4. 1-Palmitin-2-linolein-2-olein (PLO)	16.960
5. 1,2-Linolein-3-palmitin (PLL)	17.387
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)
Standard/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	H ₂ , 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:	N ₂
Hydrogen flow:	40 mL/min
Air flow:	370 mL/min
Data Rate:	50 Hz
Instrument	Agilent 7890B GC
Sample Preparation	50 mg of sunflower oil was diluted to 10 mL with isooctane.