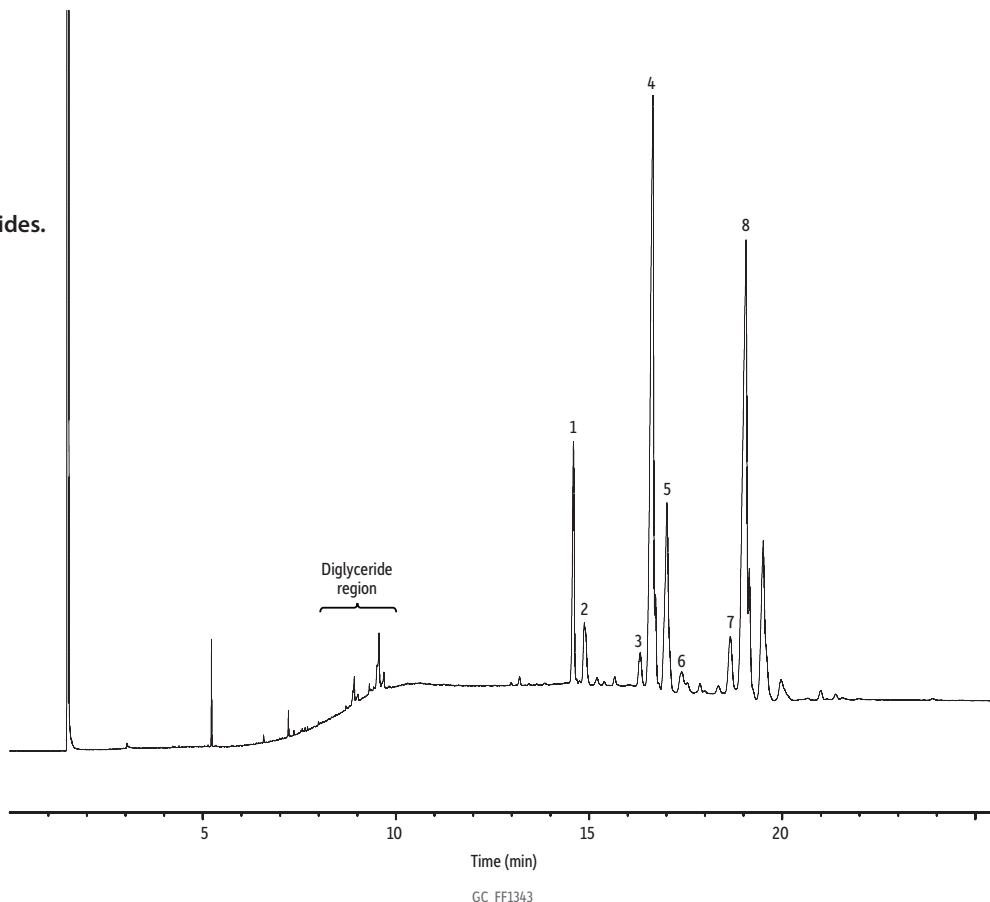


Extra Virgin Olive Oil on Rxi-65TG (30 m x 0.32 mm x 0.1 µm)

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



Peaks	tr (min)
1. 1,3-Palmitin-2-olein (POP)	14.592
2. 1,2-Palmitin-3-linolein (PPL)	14.875
3. 1-Palmitin-2-olein-3-stearin (POS)	16.324
4. 1,2-Olein-3-palmitin (POO)	16.649
5. 1-Palmitin-2-linolein-3-olein (PLO)	17.013
6. 1,2-Linolein-3-palmitin (PLL)	17.397
7. 1,2-Stearin-3-olein (SOS)	18.348
8. Triolein (OOO)	19.065

Column Rxi-65TG, 30 m, 0.32 mm ID, 0.10 µm (cat.# 17109)
Standard/Sample Extra virgin olive oil
Diluent: Isooctane
Conc.: 5 mg/mL
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 H₂, 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: N₂
Hydrogen flow: 40 mL/min
Air flow: 370 mL/min
Data Rate: 50 Hz
Instrument Agilent 7890B GC
Sample Preparation 50 mg of extra virgin olive oil was diluted to 10 mL with isooctane.