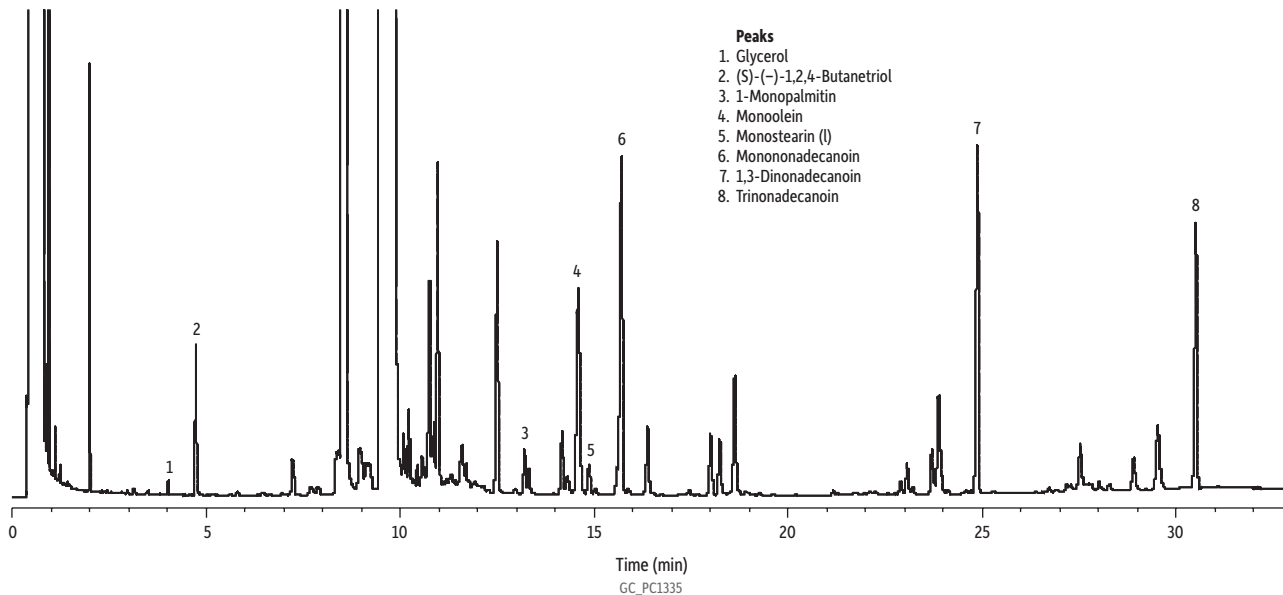


## Analysis of Glycerol, Mono-, Di-, and Triglycerides in Soy B100 by EN 14105 (2011)



**Column** MXT-Biodiesel TG with 2 m x 0.53 mm ID retention gap, 15 m, 0.32 mm ID, 0.10  $\mu$ m (cat.# 70291)  
**Sample** Soy biodiesel B100

EN 14105 custom standard 1 (cat.# 572879)  
(s)-(-)-1,2,4-Butanetriol (cat.# 33032)  
MSTFA (N-methyl-N-trimethylsilyltrifluoroacetamide) (cat.# 35600)

**Diluent:** Heptane  
**Injection**  
**Inj. Vol.:** 1  $\mu$ L cool on-column  
**Temp. Program:** Oven track

**Oven**  
**Oven Temp.:** 50 °C (hold 1 min) to 180 °C at 15 °C/min to 230 °C at 7 °C/min to 370 °C at 10 °C/min (hold 5 min)

**Carrier Gas**  
**Flow Rate:** 7 mL/min  
**Detector**  
**Instrument**  
**Notes**

FID @ 380 °C  
Agilent 7890A GC  
The sample was derivatized with MSTFA according to the method EN 14105 (2011) procedure.



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