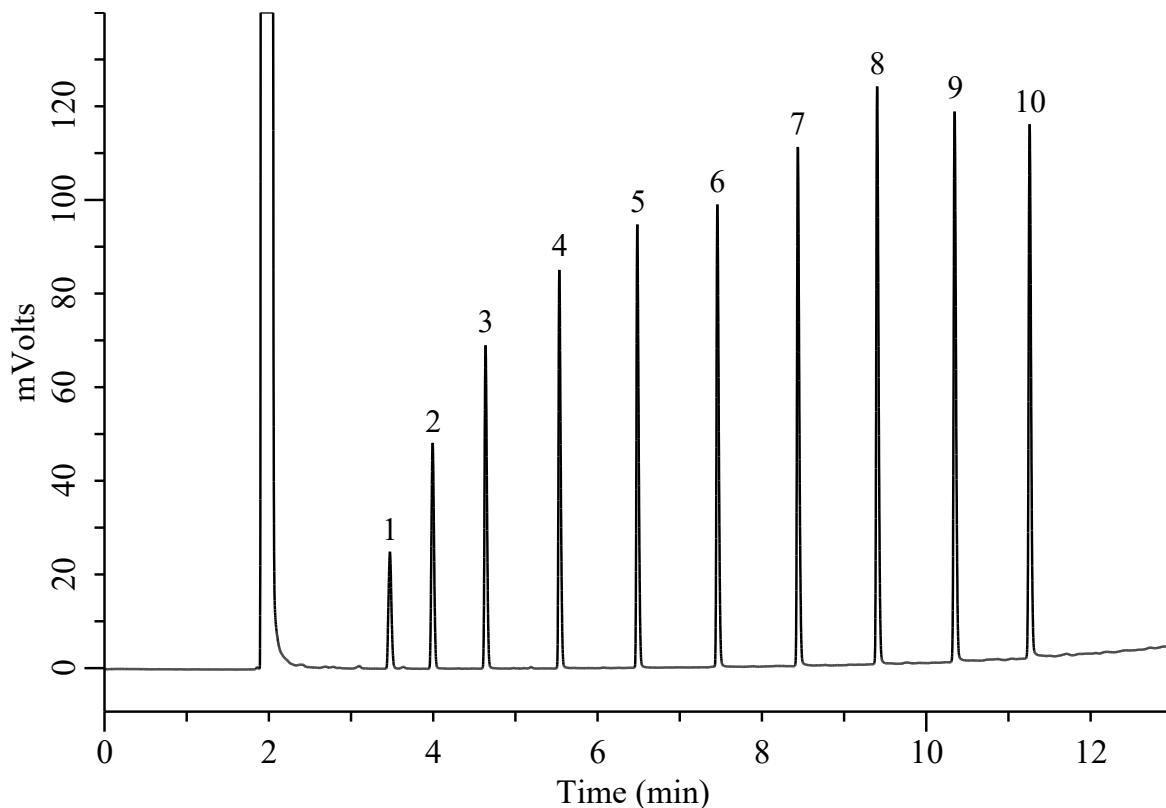


## Analysis of Free fatty acids (C2 – C11)



### Conditions

**System** : GC-4000 Plus /FID  
**Column** : InertCap WAX-HT (GL Sciences Inc.)  
 0.25 mm I.D. x 30 m df = 0.25 µm  
**Col. Cat. No.** : 1010-68542  
**Col. Temp.** : 120 °C - 10 °C/min - 250 °C  
**Carrier Gas** : N<sub>2</sub> 1 mL/min , Constant Flow  
**Injection** : Split 1 : 20  
 280 °C  
**Detection** : FID Auto Range  
 280 °C  
**Sample** : Free fatty acids in Methanol  
**Sample Size** : 1 µL

### Analyte

1. Acetic acid (C2)  
 2. Propionic acid (C3)  
 3. Butyric acid (C4)  
 4. Pentanoic acid (C5)  
 5. Hexanoic acid (C6)  
 6. Heptanoic acid (C7)  
 7. Octanoic acid (C8)  
 8. Nonanoic acid (C9)  
 9. Decanoic acid (C10)  
 10. Undecanoic acid (C11)

400 ppm each