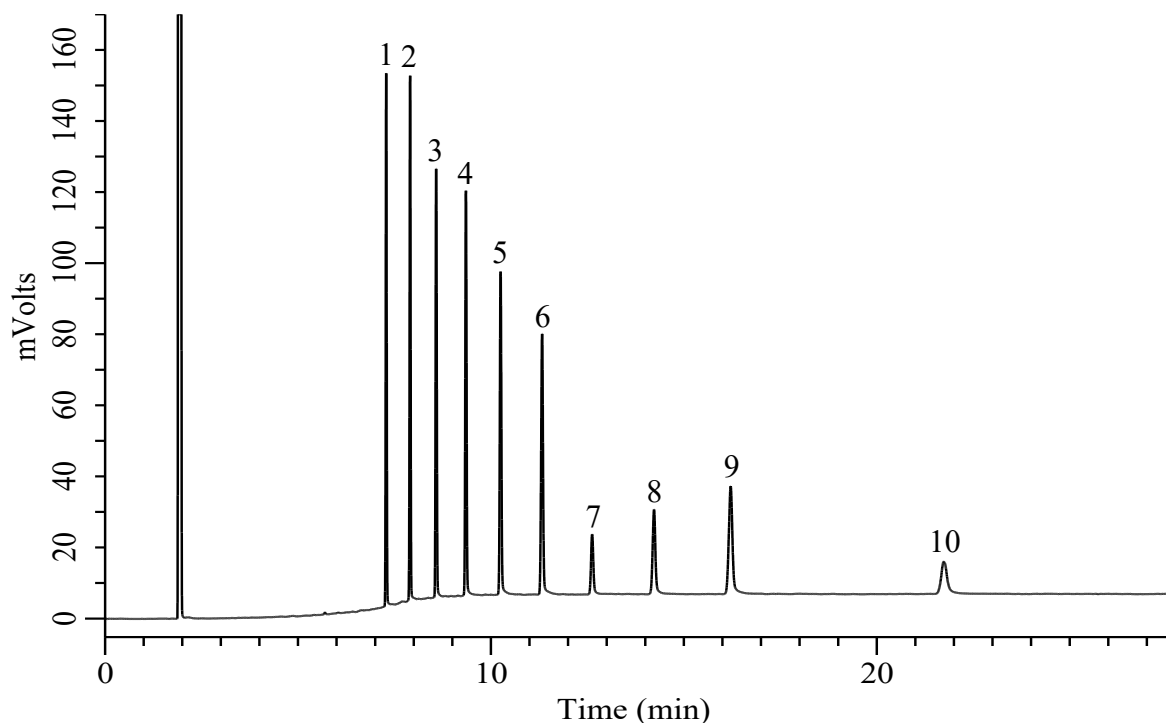


Analysis of Free fatty acids (C12 – C20, C22)



Conditions

System : GC-4000 Plus /FID
Column : InertCap FFAP (GL Sciences Inc.)
 0.25 mm I.D. x 30 m df = 0.25 μ m
Col. Cat. No. : 1010-28622
Col. Temp. : 160 °C - 13 °C/min - 260 °C(16 min)
Carrier Gas : N₂ 1.0 mL/min , Constant Flow
Injection : Split 1 : 20
 260 °C
Detection : FID Auto Range
 260 °C
Sample : Free fatty acids in hexane
Sample Size : 1 μ L

Analyte

1.	Dodecanoic acid	(C12)
2.	Tridecanoic acid	(C13)
3.	Tetradecanoic acid	(C14)
4.	Pentadecanoic acid	(C15)
5.	Hexadecanoic acid	(C16)
6.	Heptadecanoic acid	(C17)
7.	Octadecanoic acid	(C18)
8.	Nonadecanoic acid	(C19)
9.	Eicosanoic acid	(C20)
10.	Docosanoic acid	(C22)

400 ppm each