

FAME C8-C24 14mix

1. Analytical Condition

YL Fatty Acid Analyzer

Column: HP-Innowax (30 m * 0.32 mm * 0.25 μ m)

Oven: 120 °C (1 min) \rightarrow 10 °C/min \rightarrow 260 °C (1 min)

Carrier gas: He, 3mL/min (Split ratio 20 : 1)

Injector: Capillary, 250 °C

Detector: FID, 250 °C

Injection volume: 1 μ L

2. Chromatogram

1	Methyl octanoate (C8:0)	6	Methyl palmitoleate (C16:1)	11	Methyl arachidate (C20:0)
2	Methyl decanoate (C10:0)	7	Methyl stearate (C18:0)	12	Methyl behenate (C22:0)
3	Methyl laurate (C12:0)	8	Methyl oleate (C18:1)	13	Methyl erucate (C22:1)
4	Methyl myristate (C14:0)	9	Methyl linoleate (C18:2)	14	Methyl lignocerate (C24:0)
5	Methyl palmitate (C16:0)	10	Methyl linolenate (C18:3)	50-110mg/L each in Hexane	

