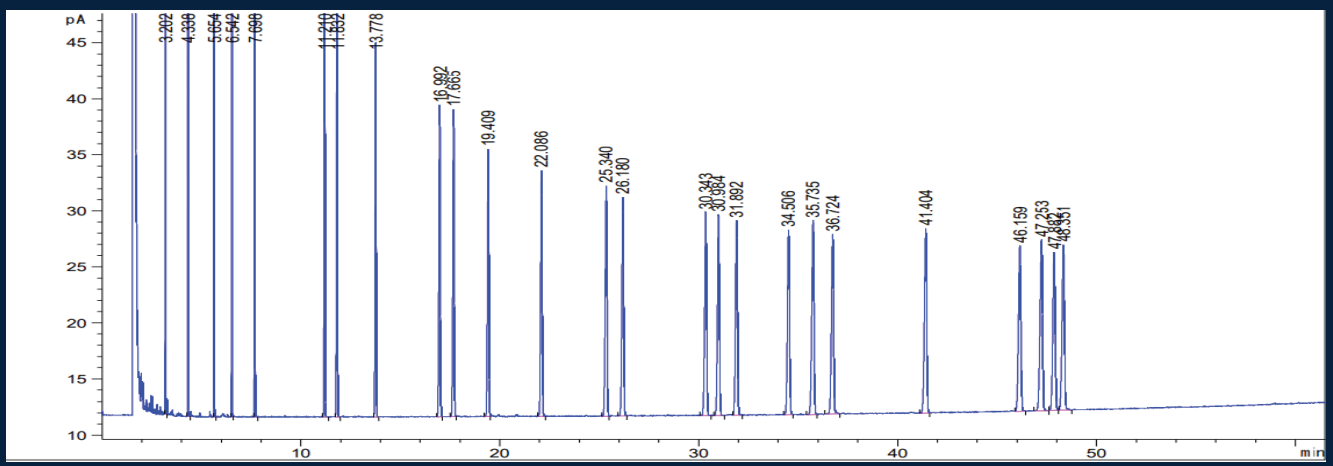
Separation of Fatty Acid Methyl Esters (GLC714) on ARINNA AR-FAMEWAX GC Column

Use: pharmaceutical, food, nutraceutical



FAME	RT (min)
C8:0	3.202
C10:0	4.338
C12:0	5.654
C13:0	6.542
C14:0	7.698
C16:0	11.210
C16:1	11.832
C17:0	13.778
C18:0	16.992
C18:1	17.665
C18:2	19.409
C18:3	22.086
C20:0	25.340
C20:1	26.180
C20:3	30.343
C20:4	30.892
C20:5	31.892
C22:0	34.506
C22:1	35.735
C21:5	36.724
C23:0	41.404
C22:5	46.159
C24:0	47.253
C22:6	47.882
C24:1	48.351

GC-FID	Agilent 7820A
Column	AR-FAMEWAX
Column Size	30 m x 0.25 mm x 0.25 µm
Injector Temperature	250 °C
Injection	1 µL
Column Flow Rate (mL/min)	1.2

	Rate (°C/min)	Value (°C)	Hold time (min)	Run time (min)
Initial		100	1	1
Ramp 1	20	170	2	6.5
Ramp 2	1	225	0	61.5