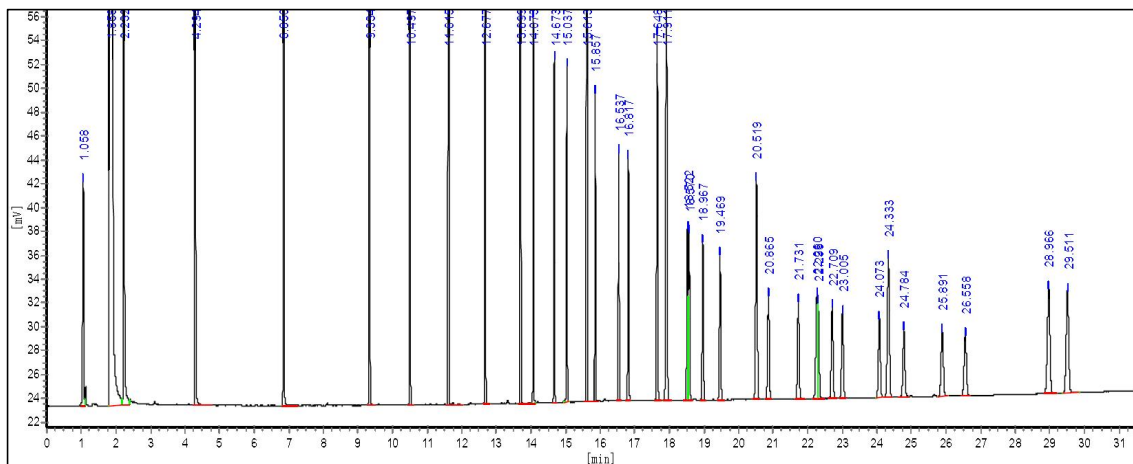




脂肪酸甲酯 (FAMES, 37Mix)在NanoChrom BP-FAMEWAX上的分离与检测



Column: NanoChrom BP-FAMEWAX
 Dimension: 30m×0.32mm×0.25µm
 Carrier: Hydrogen, column flow 1.0 mL/min
 Inlet: Split, 275 °C, split ratio: 30: 1
 Oven: 50 °C (hold 1 min) to 200 °C (hold 1 min) at 10 °C/min to 260 °C (hold 10 min) at 2 °C/min
 Inject Volume: 0.1 µL
 Detector: FID 280 °C

Compound	Retention	Compound	Retention
C4:0	2.232	C18:2 (all-cis-9, 12)	18.57
C6:0	4.294	C18:3 (all-cis-6, 9, 12)	18.967
C8:0	6.85	C18:3 (all-cis-9, 12, 15)	19.469
C10:0	9.334	C20:0	20.519
C11:0	10.497	C20:1 (cis-11)	20.865
C12:0	11.615	C20:2 (all-cis-11, 14,)	21.731
C13:0	12.677	C20:3 (all-cis-8, 11, 14)	22.709
C14:0	13.699	C20:3 (all-cis-11, 14, 17)	22.26
C14:1 (cis-9)	14.073	C20:4 (all-cis-5, 8, 11, 14)	23.005
C15:0	14.673	C20:5 (all-cis-5, 8, 11, 14, 17)	24.073
C15:1 (cis-10)	15.037	C21:0	22.299
C16:0	15.613	C22:0	24.333
C16:1 (cis-9)	15.857	C22:1 (cis-13)	24.784
C17:0	16.537	C22:2 (all-cis-13, 16)	25.891
C17:1 (cis-10)	16.817	C22:6 (all-cis-4, 7, 10, 13, 16, 19)	29.511
C18:0	17.648	C23:0	26.558
C18:1 (trans-9)	17.911	C24:0	28.966
C18:1 (cis-9)	17.911	C24:1 (cis-15)	29.511
C18:2 (all-trans-9, 12)	18.522		