



Figure S1. Standard curve (A) and samples curve (B) of SCFAs.

Table S1. Standard curves of SCFAs

Group	Rt/min	Standard Curve	R ²
AA	5.71	$y = 0.0099x + 0.0023$	0.9905
PA	6.789	$y = 0.0219x + 0.0061$	0.9903
iBA	7.167	$y = 0.0339x + 0.0128$	0.9923
BA	8.013	$y = 0.0341x + 0.0128$	0.9918
iVA	8.594	$y = 0.0644x + 0.0238$	0.9920
VA	9.569	$y = 0.0528x + 0.0159$	0.9902
CA	11.115	$y = 0.0589x + 0.0086$	0.9905