Supplementary Information

Table S1. Analysis of variance (ANOVA) for optimization of palmitic acid

Source	Sum of	d.f.	Mean	F-Value	Probability
	Squares		Square		(p) > F
Model	439.12	9	48.79	39.98	< 0.0001
Lack of fit	7.87	3	2.62	15.49	0.0115
Pure error	0.6771	4	0.1693		
Corrected	447.66	16			
total					

 R^2 = 0.9809 R^2 _{adj} = 0.9564 CV (%) = 14.55



(A)



(B)

Figure S1. Collection of marine fishes, (A) Obtuse barracuda and (B) Indian oil sardine.



Figure S2. Separation of palmitic acid