

Supplementary Materials

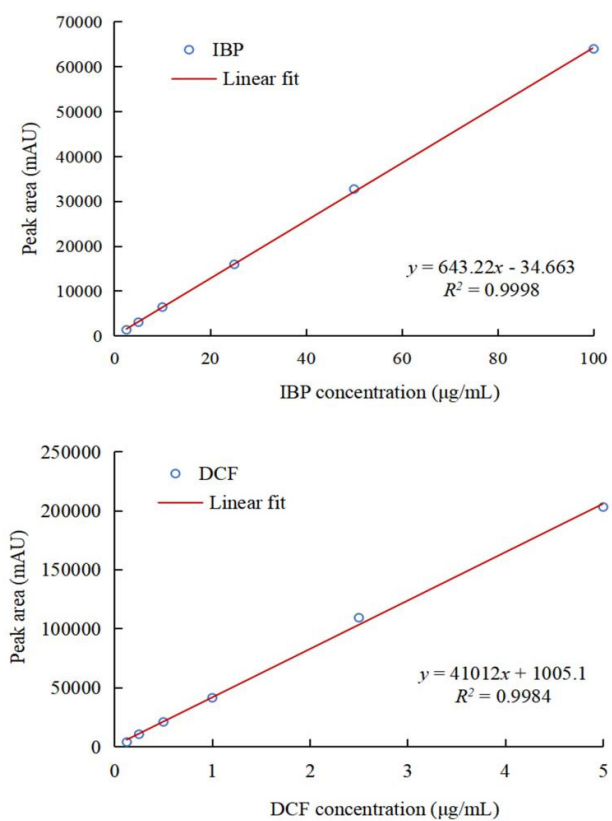


Figure S1. The standard curves for IBP and DCF.

Table S1. Target PPCPs used in this study and their properties.

Compound	Molecular formula	Mol weight (g·mol ⁻¹)	<i>pKa</i>	Log <i>kow</i>
IBP	C ₁₃ H ₁₈ O ₂	206.29	4.91	3.97
DCF	C ₁₄ H ₁₁ C ₁₂ NO ₂	296.16	4.15	4.51

Table S2. DCF removal rates (%) of each layers.

Sample	DCF removal rates(%)				overall removal rate
	Bottom layer	Anode layer	Middle layer	Cathode layer	
DCF-Glu	34.67c	38.63a	8.47a	2.67a	84.43a
DCF-SA	41.47a	33.80b	7.67a	0.63b	83.57b
DCF-Suc	38.07b	38.47a	6.60a	1.17b	84.30a