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Supporting Information for

Injectable self-assembly peptide hydrogels for glucose- mediated insulin delivery

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Table S1 UPLC conditions for FITC-insulin

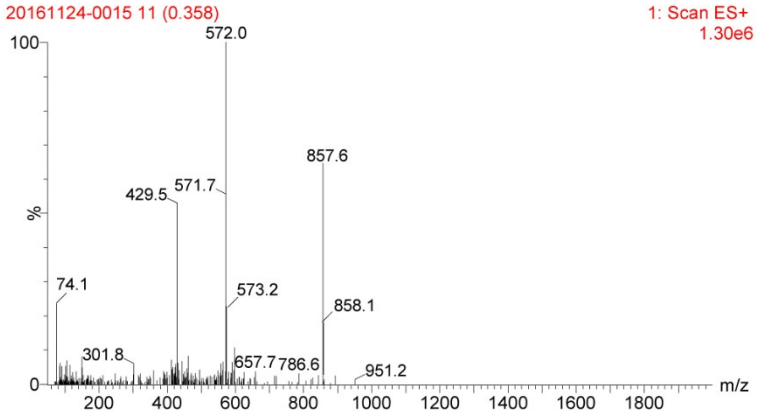
Name	UPLC Retention time (min)	Gradient (solution A: water/0.1%TFA;(v/v) solution B: acetonitrile/0.1% TFA(v/v))
FITC-insulin	3.61	increase 5-60% B over 6 minutes,

Table S2. Calculated and observed *m/z* ratios for FITC-insulin

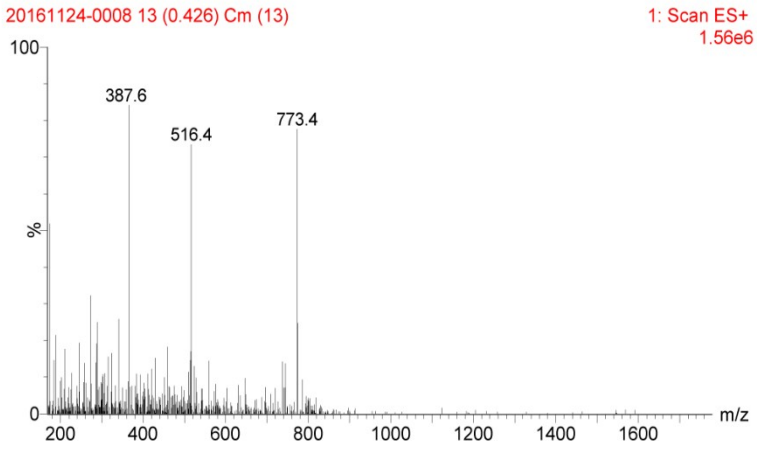
Name	Mass (Da)			
	Calculated		Observed	
FITC-insulin	$[M+2H+2Na]^{4+}$	1542.73	$[M+2H+2Na]^{4+}$	1542.5
	$[M+3H+2Na]^{5+}$	1234.38	$[M+3H+2Na]^{5+}$	1233.9
	$[M+4H+2Na]^{6+}$	1028.82	$[M+4H+2Na]^{6+}$	1028.2

Figure S1. MS spectra of F-0 and analogs

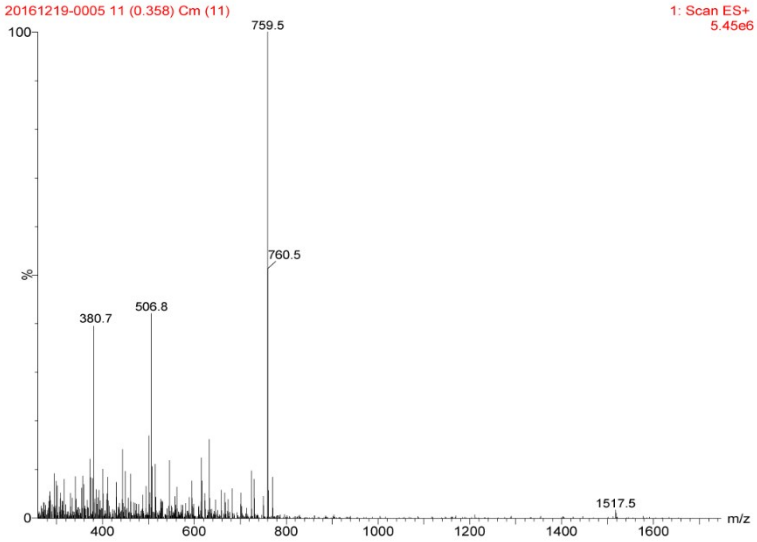
MS spectra of F-0



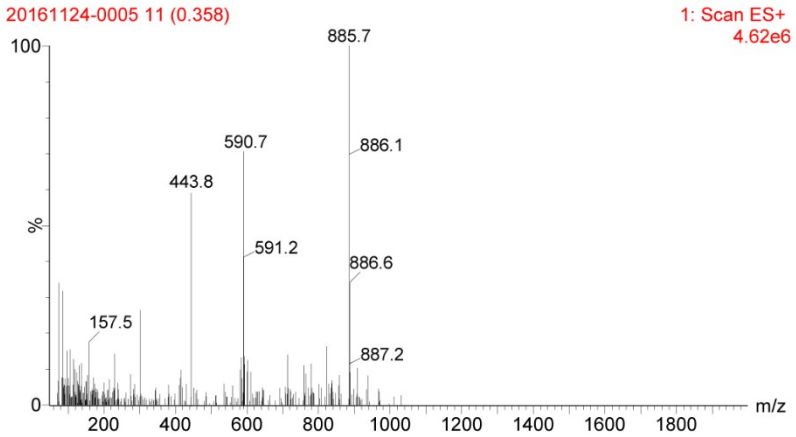
MS spectra of F-1



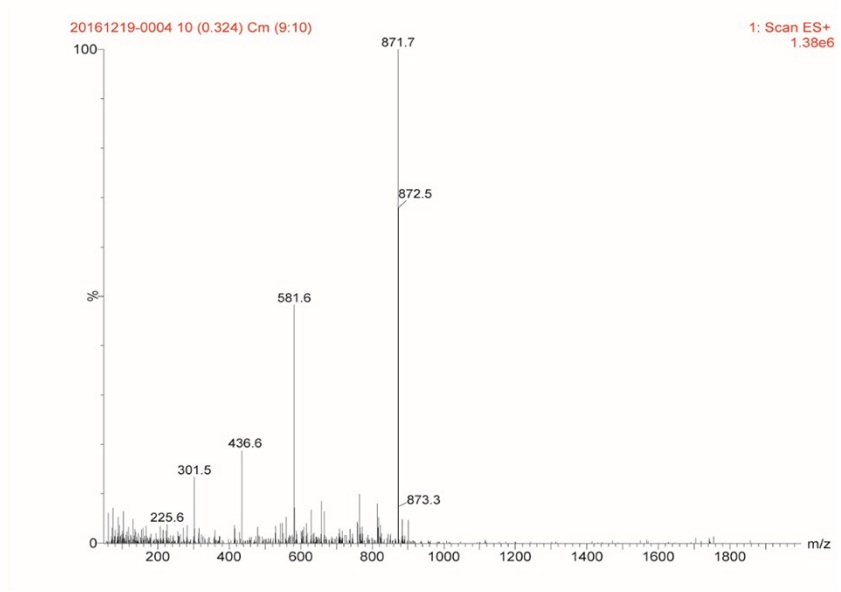
MS spectra of F-2



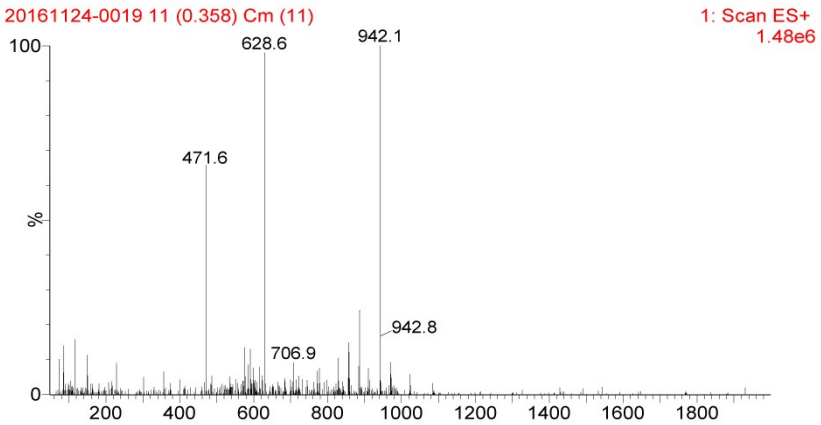
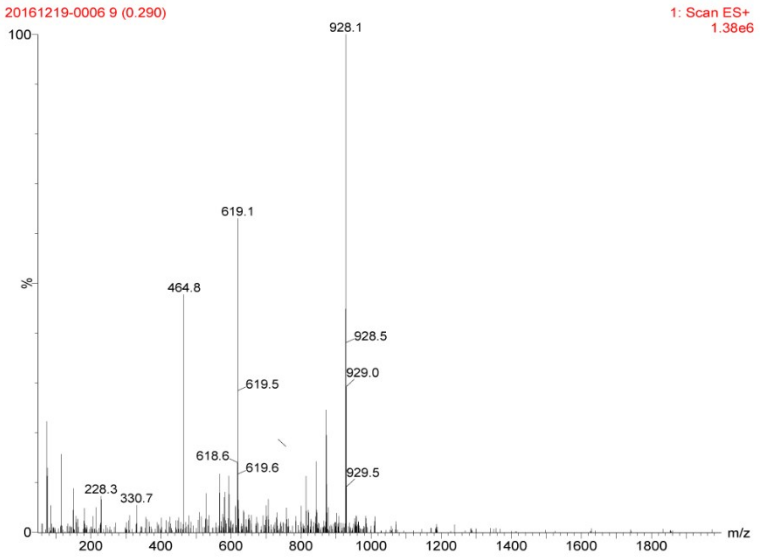
MS spectra of F-3



MS spectra of F-4



MS spectra of F-5



MS spectra of F-6