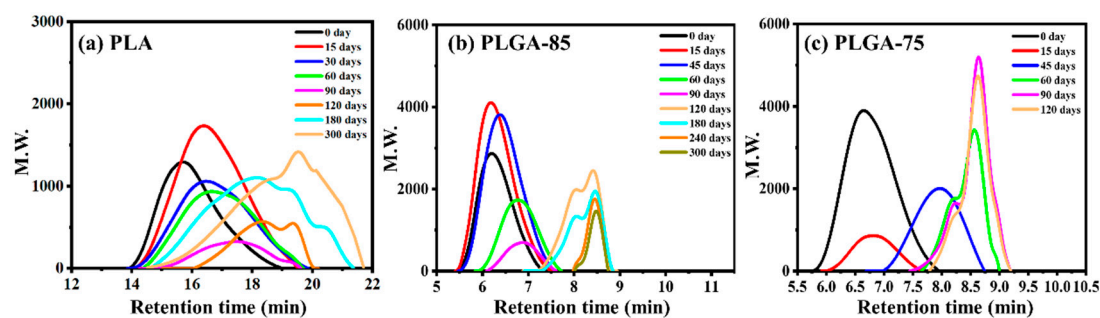


## Supporting Information

# Degradation Behaviors of Polylactic Acid, Polyglycolic Acid, and Their Copolymer Films in Simulated Marine Environments

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**Figure S1.** Signal strength versus retention time change curves (a) PLA, (b) PLGA-85, (c) PLGA-75.

**Table S1.** Changes of  $T_g$ ,  $T_{cc}$ , and  $T_m$  during different degradation times.

$T_g$ (°C)								
Degradation time (Day)	0	15	45	60	90	120	180	300
PLA	59.08	58.75	57.59	56.39	55.63	54.24	52.88	51.12
PLGA-85	55.26	54.10	53.11	51.95	50.79	49.59	48.63	47.64
PLGA-75	52.21	45.74	40.27	38.91	37.16	36.96		
PGA	40.14	36.79						
$T_{cc}$ (°C)								
Degradation time (Day)	0	15	45	60	90	120	180	300
PLA	131.09	112.2	112.74	107.04	109.03	105.63	96.55	98.47
PLGA-85	—	—	—	128.81	129.38	84.81	93.20	91.84
PLGA-75	—	—	122.06	101.34	97.40	89.37		
PGA	—	—						
$T_m^a$ (°C)								
Degradation time (Day)	0	15	45	60	90	120	180	300
PLA	163.78	159.89	161.28	158.92	157.17	155.61	151.10	150.51
PLGA-85	—	155.58	152.26	150.70	150.30	131.73	120.39	119.79
PLGA-75	—	154.35	151.60	122.66	118.08	112.88		
PGA	207.33	191.11						

a.  $T_m$  values correspond to the peak temperature of the low-melting peak.