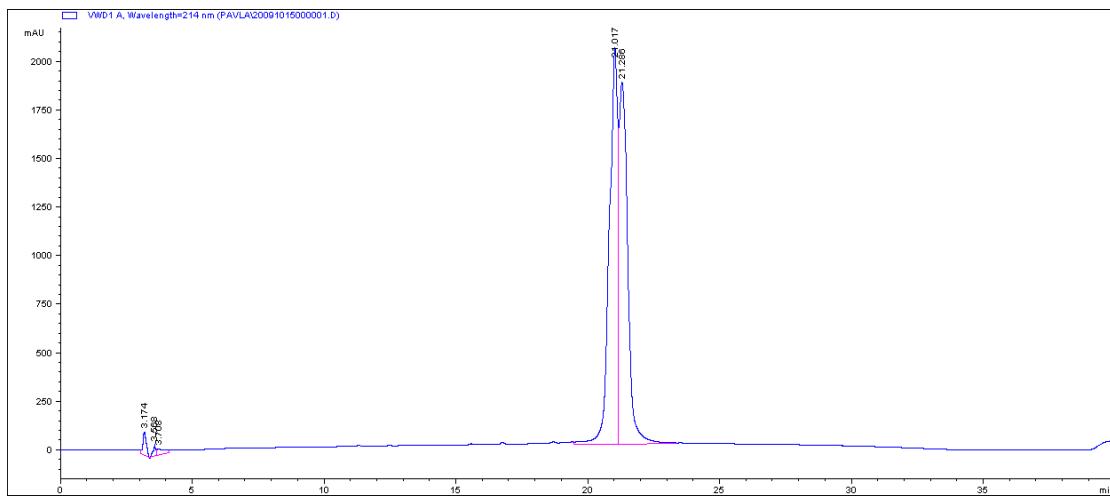
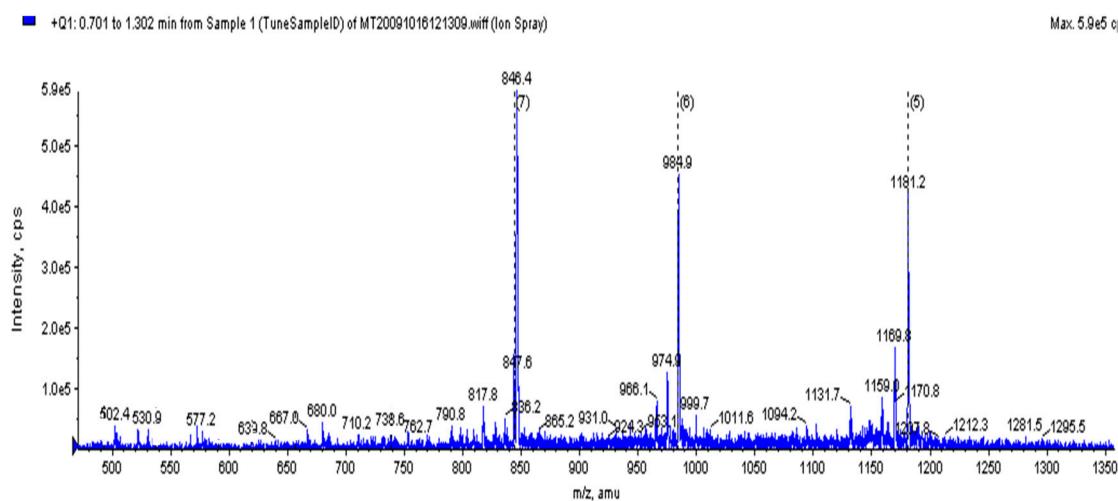


## Supplementary Materials



**Figure S1.** RP-HPLC chromatogram (C4 column; 0%–100% solvent B (90% ACN + 10% H<sub>2</sub>O + 0.1% TFA) over 30 min, 1 mL/min flow rate) of (LHRH)<sub>4</sub>-Gal-LCP (**3**).  $t_R$  = 21.0 min, 21.3 min.



**Figure S2.** ESI-MS of (LHRH)<sub>4</sub>-Gal-LCP (**3**) ( $C_{284}H_{413}N_{75}O_{64}$ , 5901.8):  $m/z$  = 846.4 [ $M + 7H$ ]<sup>7+</sup> (calcd, 844.1), 984.9 [ $M + 6H$ ]<sup>6+</sup> (calcd, 984.5), 1181.2 [ $M + 5H$ ]<sup>5+</sup> (calcd, 1181.2). Dash lines 5–7 demonstrate calculated values of the charged fragments.