Electronic Supplementary Material (ESI) for Soft Matter.

Supporting Information

UV-responsive amphiphilic graft copolymers based on coumarin and polyoxazoline

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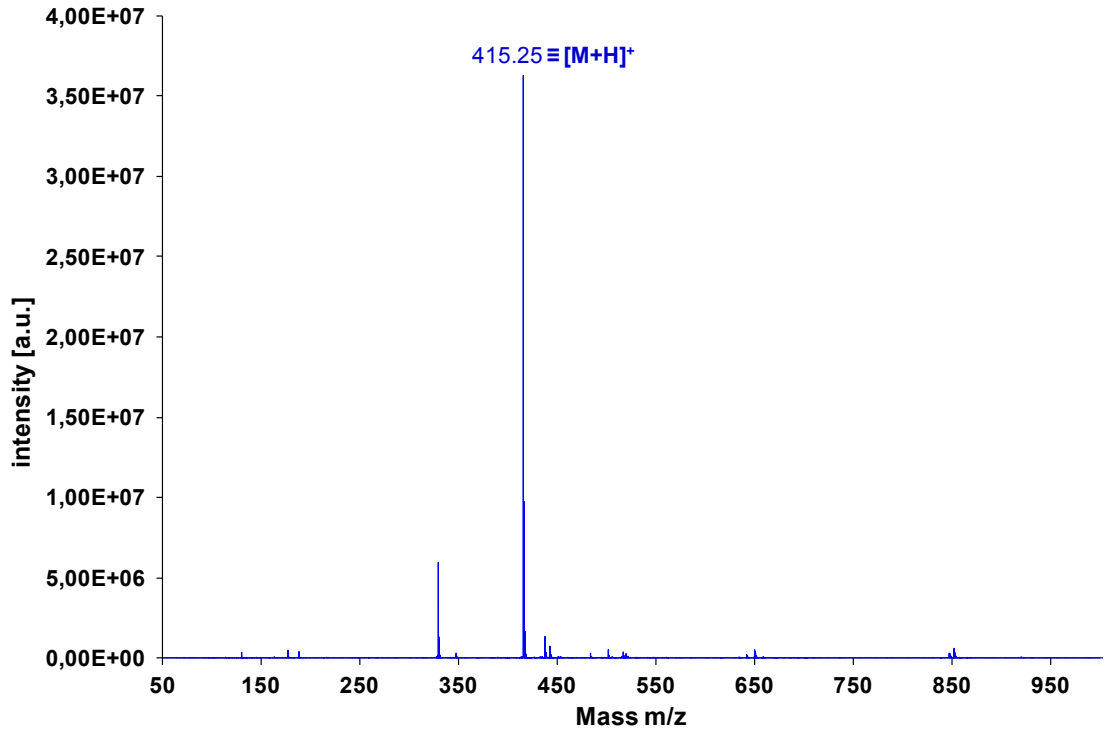

Fig. S1 HRMS-ESI spectrum of 7-(11-methacryloyloxyundecyloxy)-4-methylcoumarin (MCm).

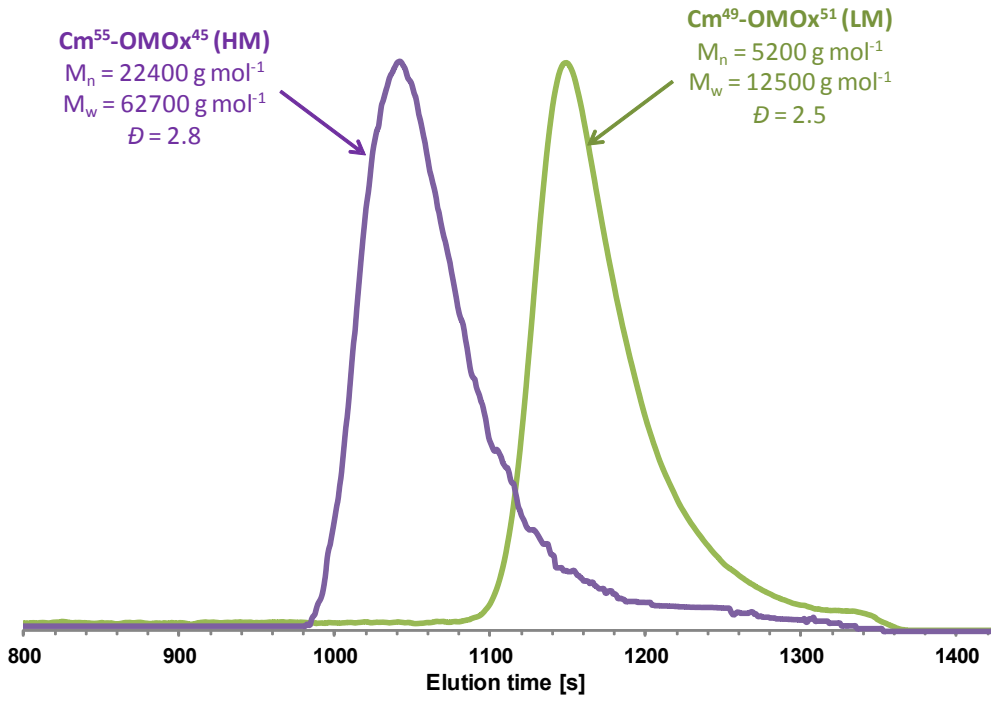

Fig. S2 SEC traces of copolymers Cm^{j}-OMOx^{k} of high (HM) and low (LM) molecular weight.

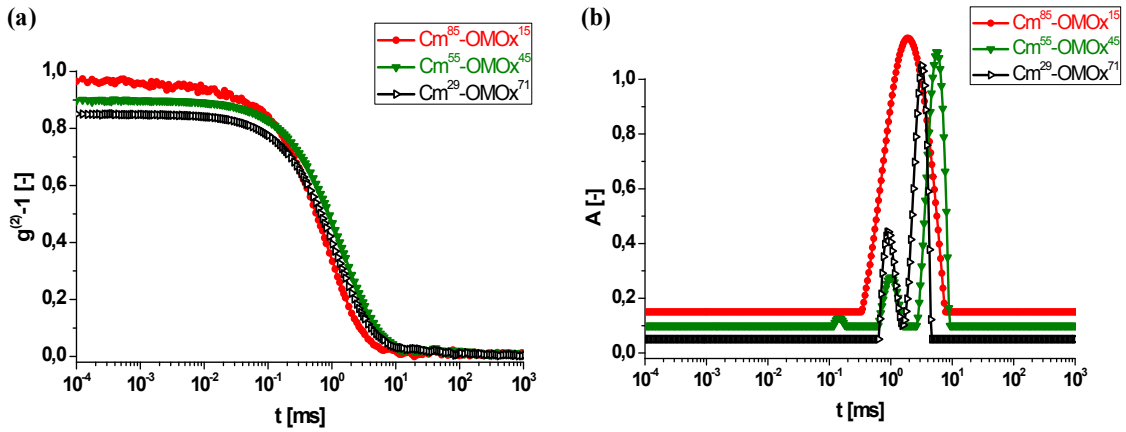

Fig. S3 DLS: (a) autocorrelation function ($g^{(2)}$-1) as a function of time (t), (b) relaxation time distribution at a scattering angle θ = 90° for copolymers Cm^{85}-$OMOx^{15}$, Cm^{55}-$OMOx^{45}$ and Cm^{29}-$OMOx^{71}$ with higher molecular weight (HM).