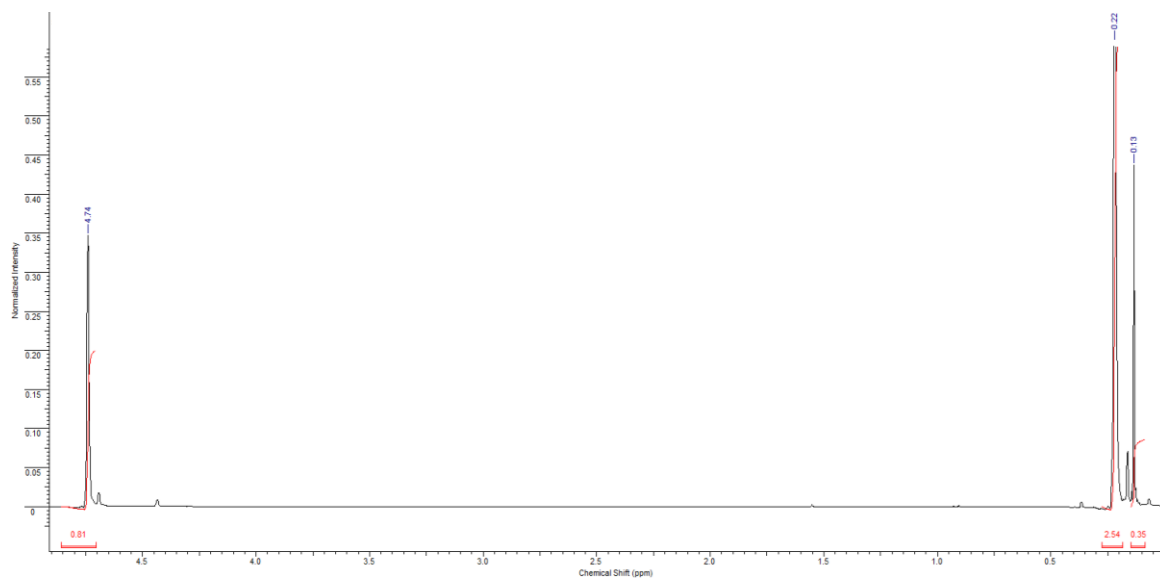
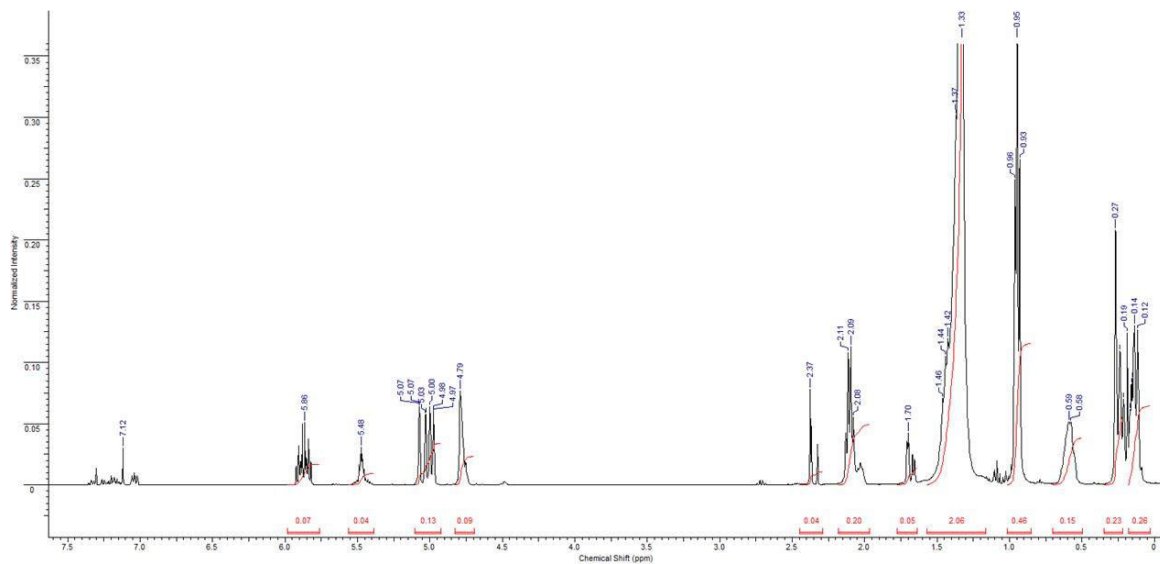


Electronic supplementary information

**POLY(TRIFLUOROETHYLACRYLATE METHYLSILOXANE) AND
POLYDECYLMETHYLSILOXANE COPOLYMER: A NEW
POLYMER FOR MEMBRANE APPLICATIONS**

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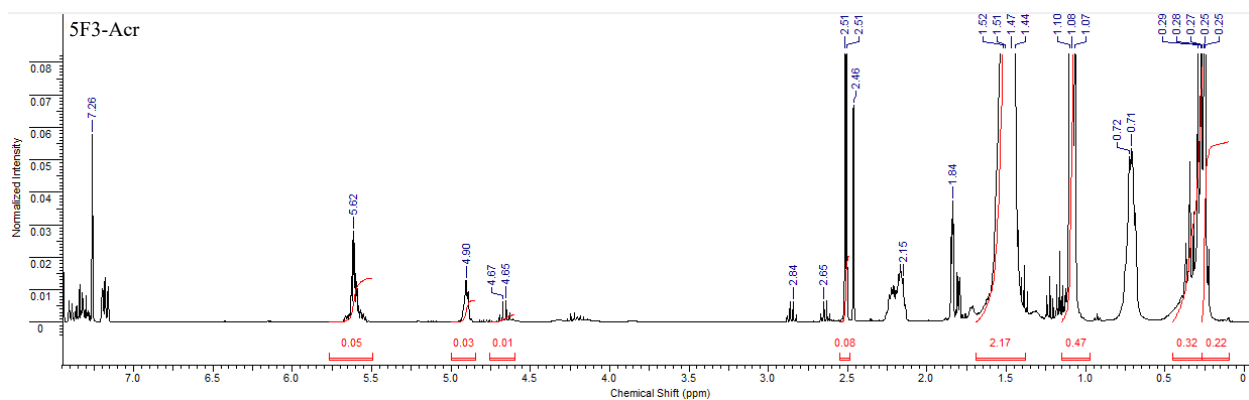
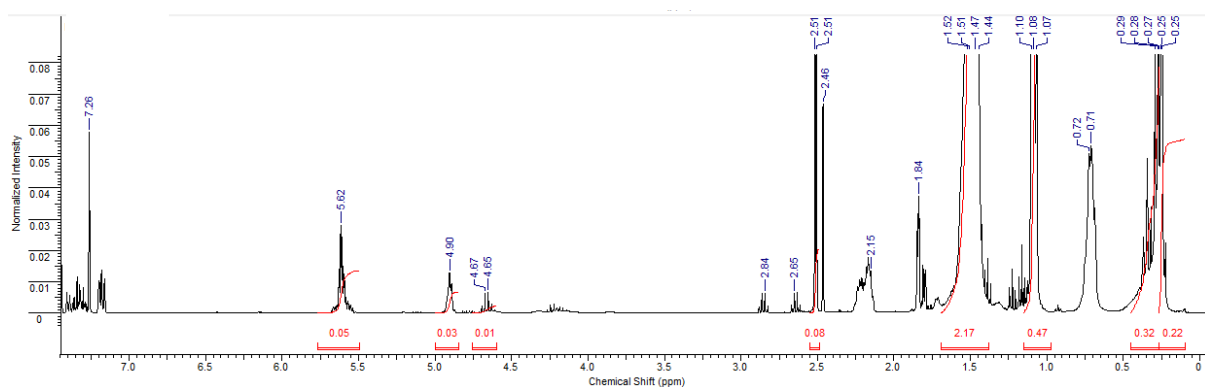
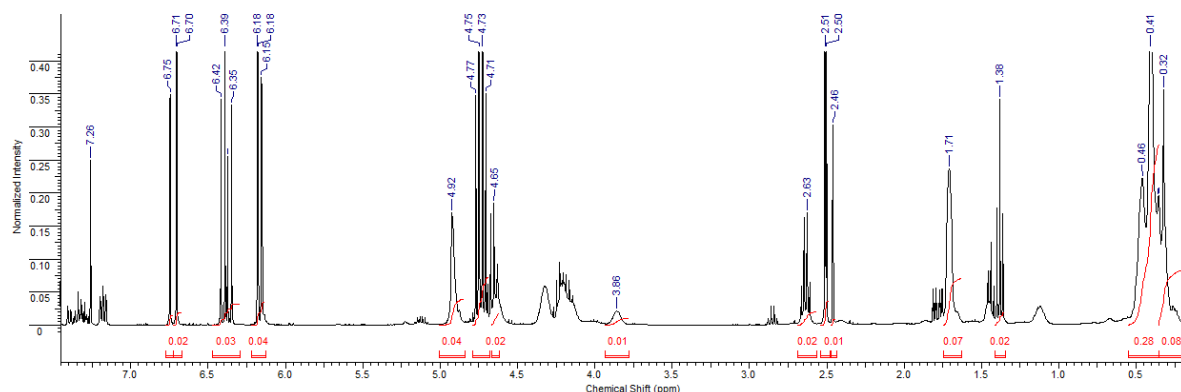
*c**d**e*

Figure S1. ^1H NMR spectra of PMHS (*a*), C10 (*b*), C10/F3 = 95:5 (*c*), C10/F3 = 50:50 (*d*), and F3 (*e*).

A Waters GPC system equipped with a differential refractometer (Chromatopack Microgel-5) was used for the polymer analysis. The flow rate was 1 mL/min. Chloroform was used as an eluent. The molecular weight characteristics were calculated by the standard method relative to the standard monodisperse polystyrene particles. The molecular weight characteristics of the polymers are presented in Table S1.

Table S1. Molecular weight characteristics of the polymers under consideration

Polymer	M_n , g/mol	M_w , g/mol	PD
PMHS	2722	4230	1.5
C10	18329	140400	7.7
C10/F3 = 95:5	15452	144926	9.4
C10/F3 = 50:50	16 876	142675	8.5
F3	17325	143757	8.3