

Supplementary Information for:

Synthesis of single chain thermoresponsive polymer nanoparticles

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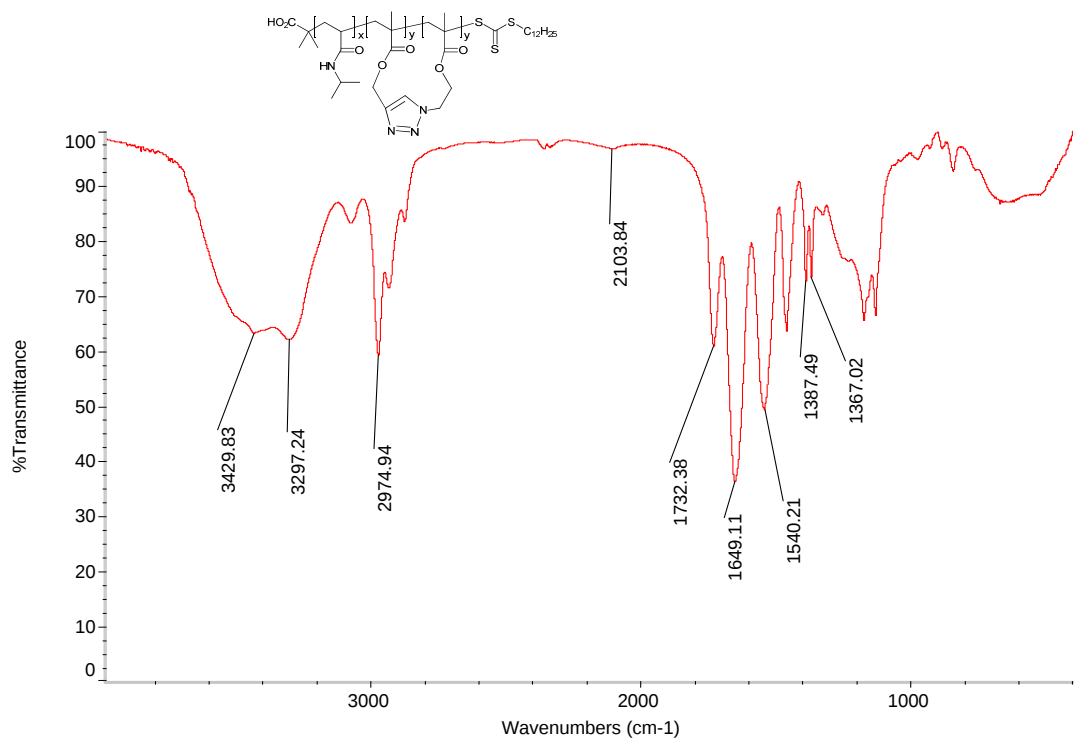
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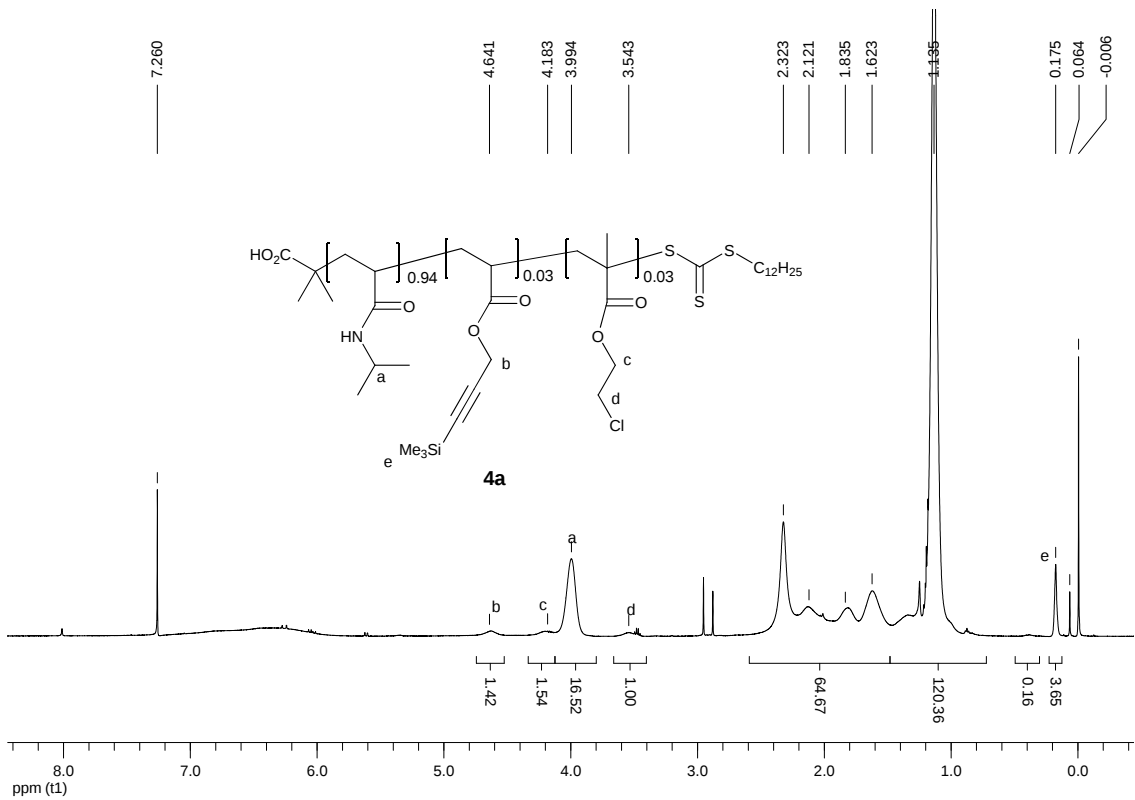
^b*CIC biomaGUNE, Centre for Cooperative Research in Biomaterials, Paseo Miramón 182, 20009
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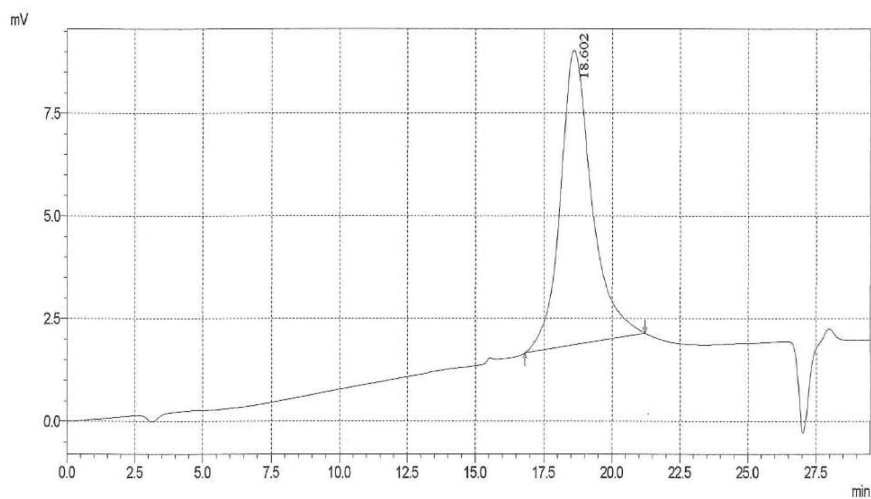
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¹H NMR Spectra and GPC/SEC



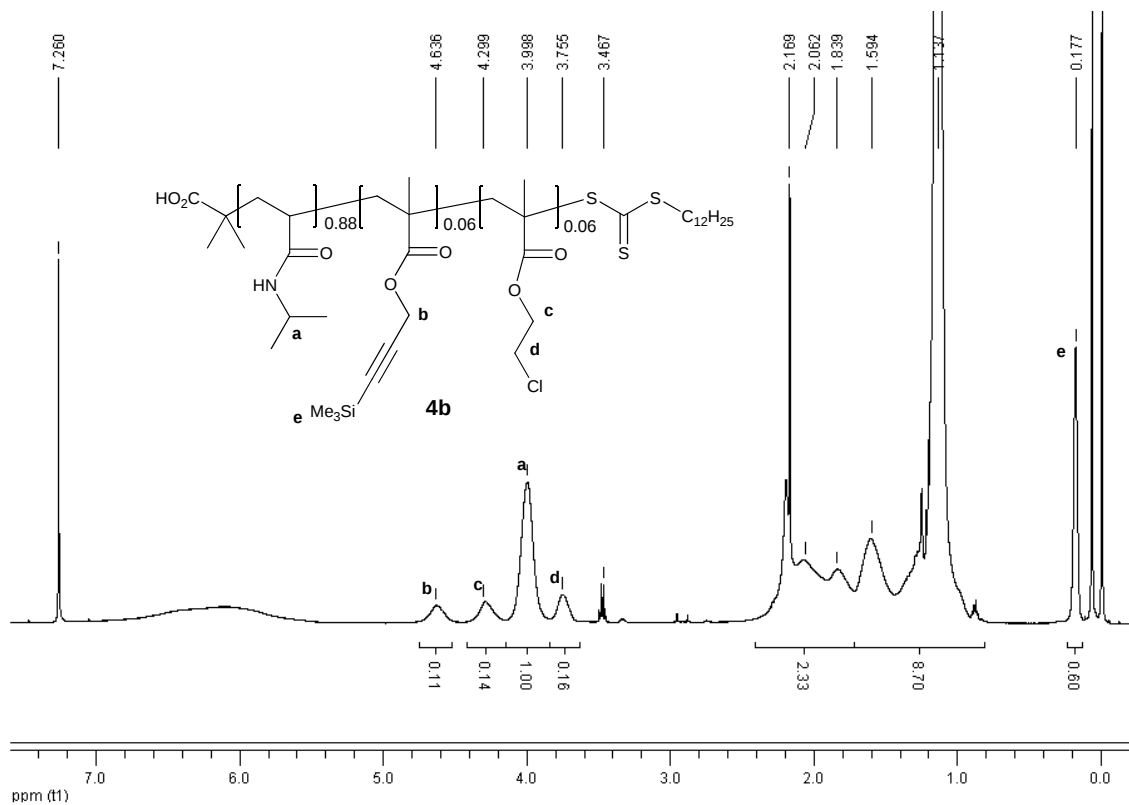


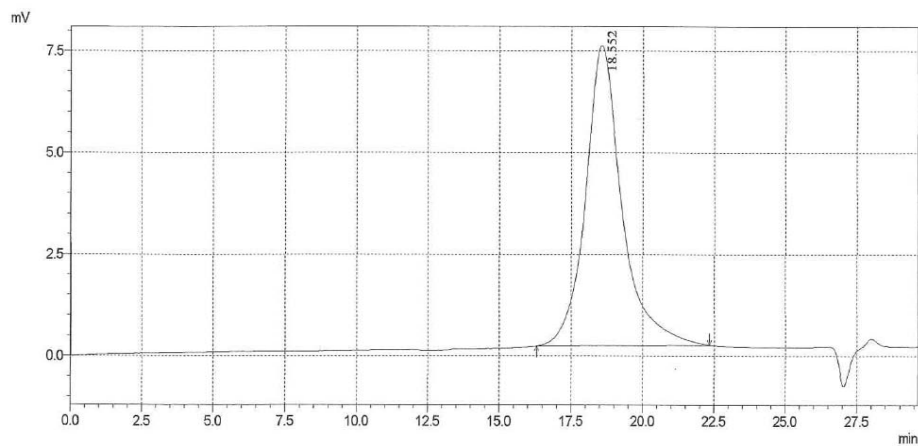
Peak Report

Detector A Ch1					
Peak#	Ret. Time	Area	Height	Area %	Height %
1	18.602	578069	7176	100.000	100.000
Total		578069	7176	100.000	100.000

GPC Calculation Results

Peak#: 1 (Detector A Ch1)	
[Average Molecular Weight]	
Number Average Molecular Weight(Mn)	34786
Weight Average Molecular Weight(Mw)	37529
Mw/Mn	1.07885



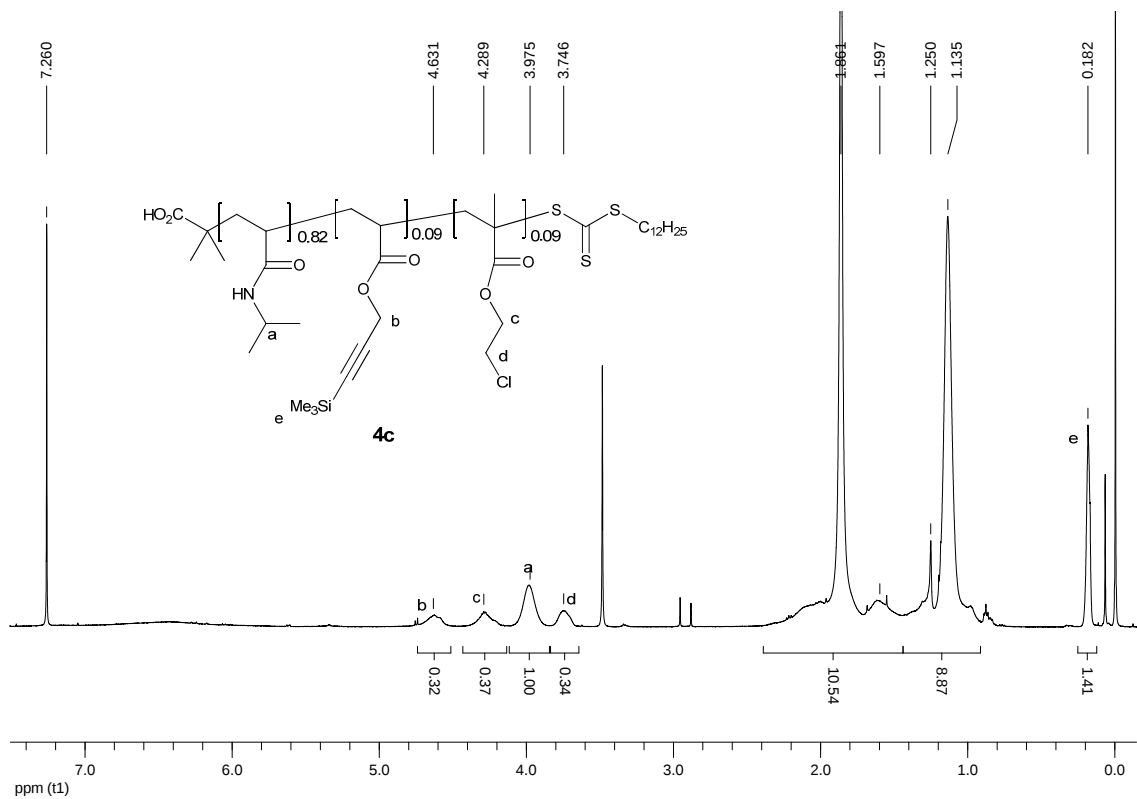


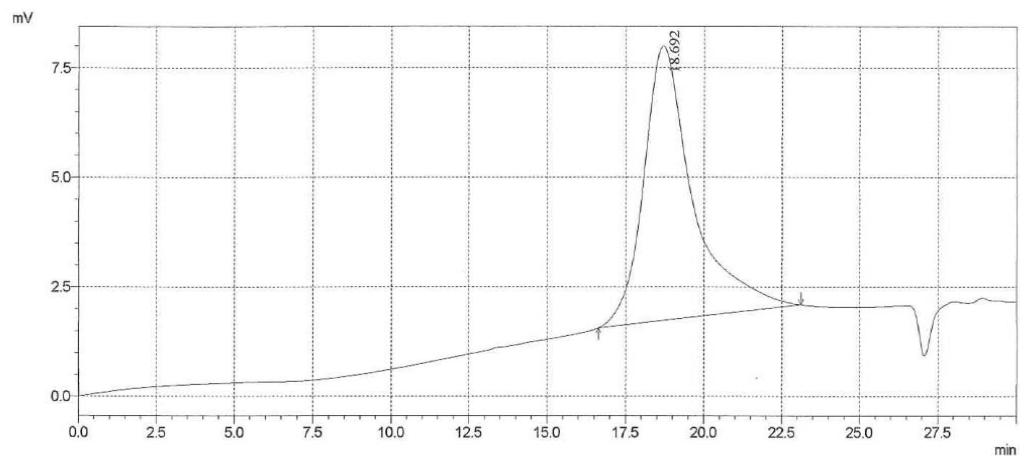
Peak Report

Detector A Ch1					
Peak#	Ret. Time	Area	Height	Area %	Height %
1	18.552	652132	7371	100.000	100.000
Total		652132	7371	100.000	100.000

GPC Calculation Results

Peak# 1 (Detector A Ch1)	
[Average Molecular Weight]	
Number Average Molecular Weight(Mn)	34884
Weight Average Molecular Weight(Mw)	38858
Mw/Mn	1.11392



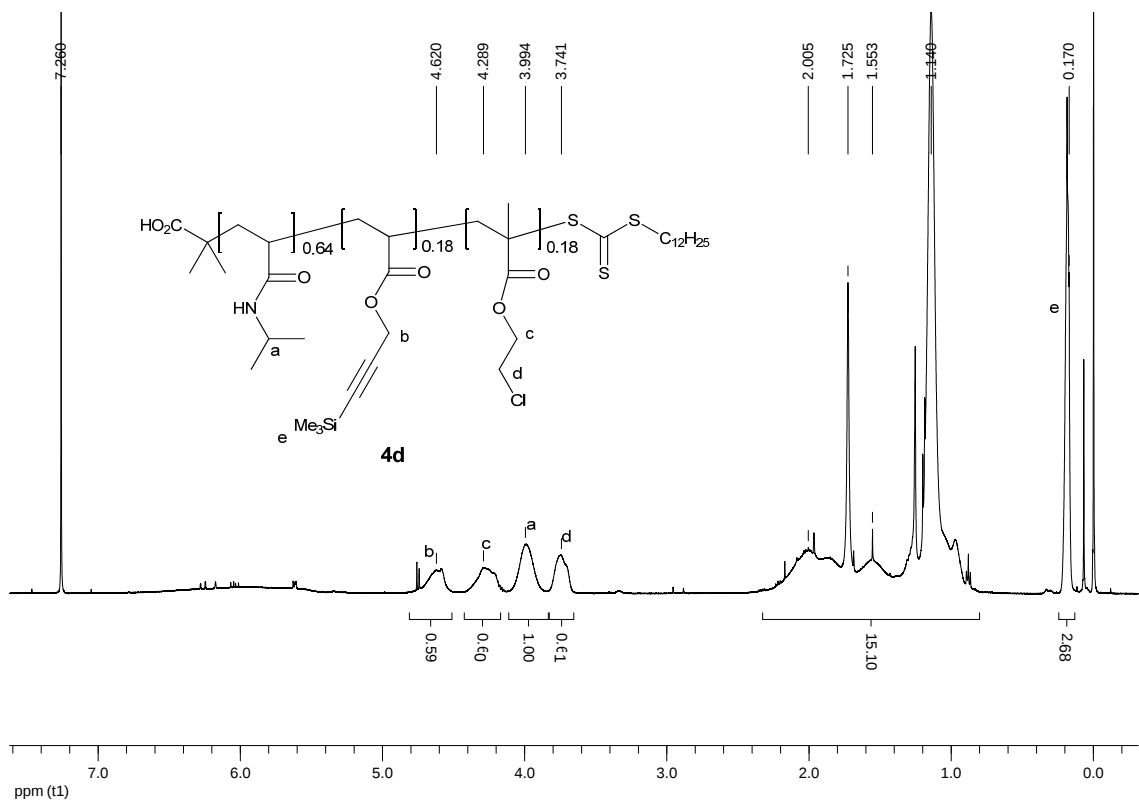


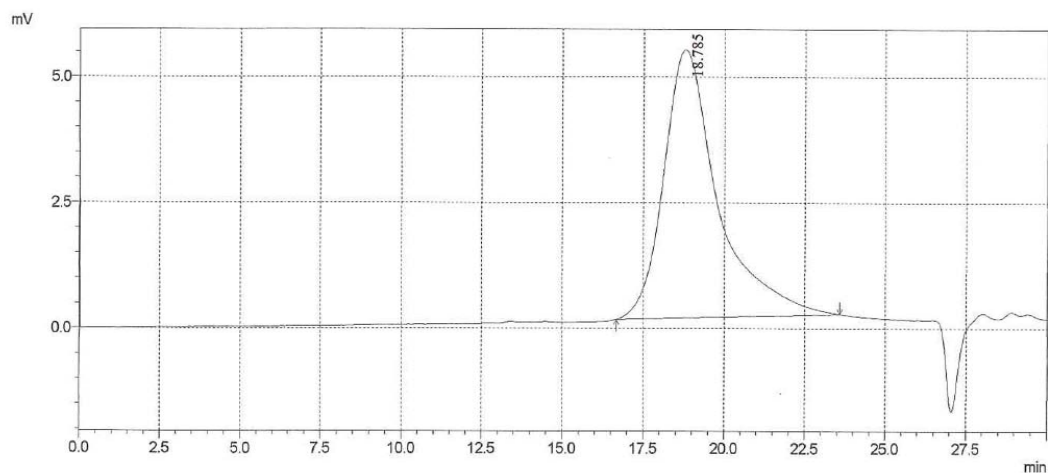
Peak Report

Detector A Ch1					
Peak#	Ret. Time	Area	Height	Area %	Height %
1	18.692	685624	6258	100.000	100.000
Total		685624	6258	100.000	100.000

GPC Calculation Results

Peak# 1 (Detector A Ch1)	
[Average Molecular Weight]	
Number Average Molecular Weight(Mn)	31580
Weight Average Molecular Weight(Mw)	37591
Mw/Mn	1.19035



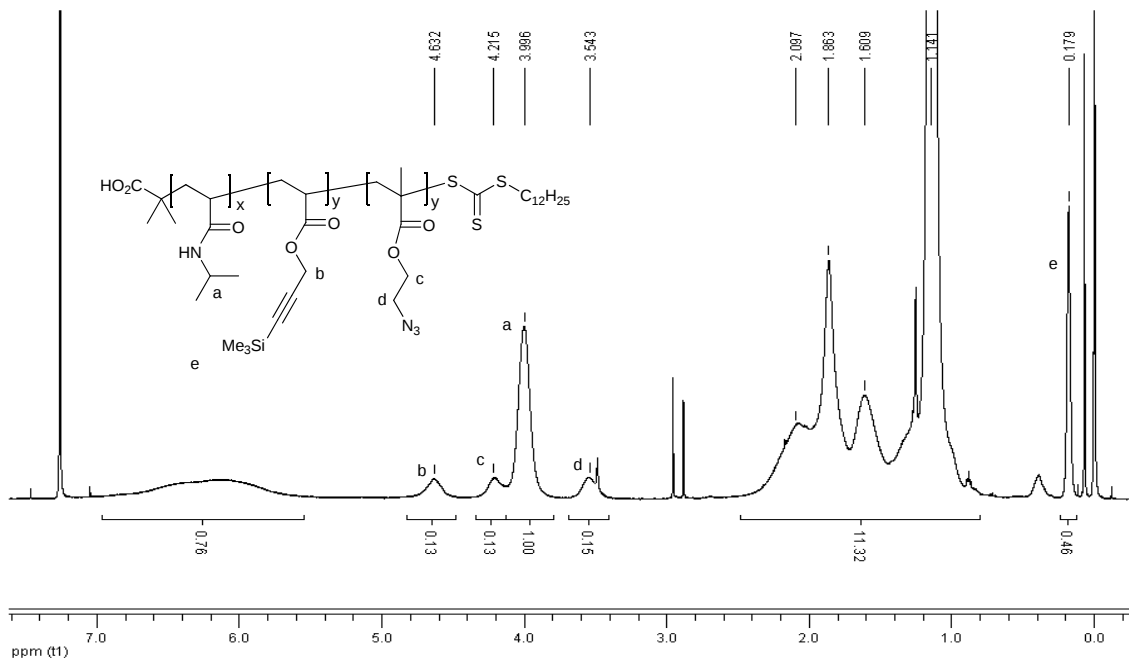


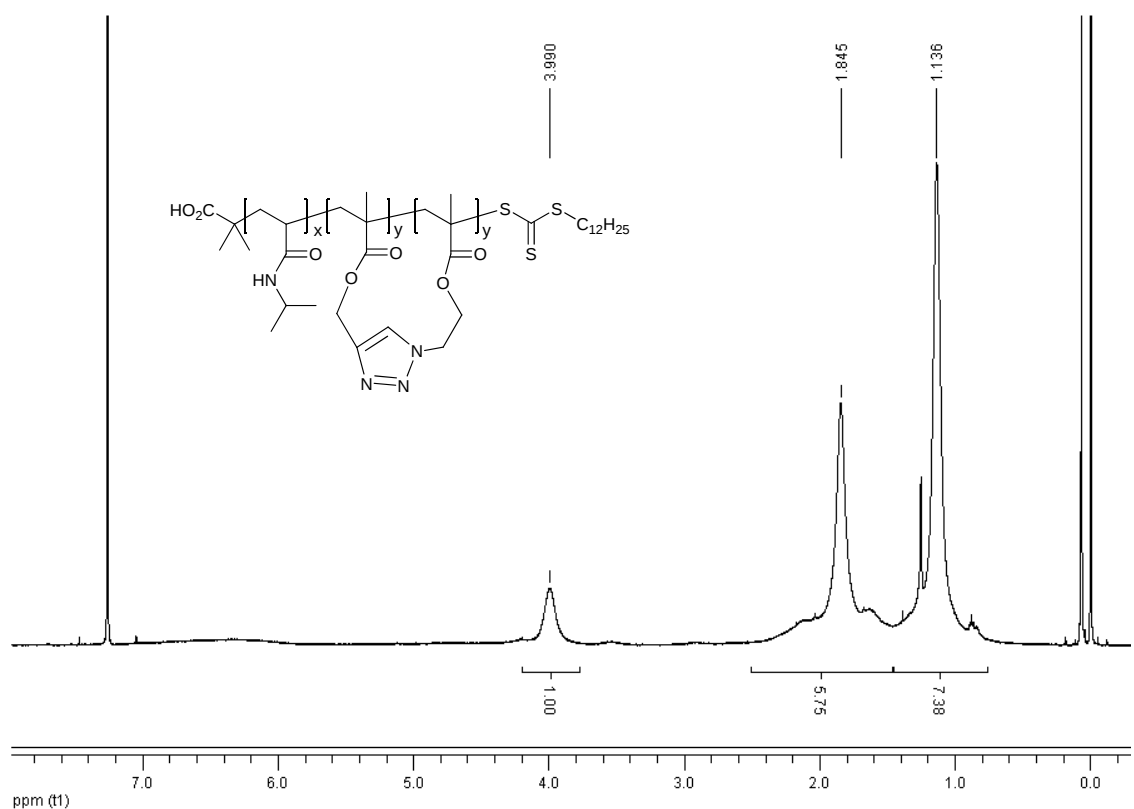
Peak Report

Detector A Ch1					
Peak#	Ret. Time	Area	Height	Area %	Height %
1	18.785	620706	5331	100.000	100.000
Total		620706	5331	100.000	100.000

GPC Calculation Results

Peak# 1 (Detector A Ch1)	
[Average Molecular Weight]	
Number Average Molecular Weight(Mn)	30020
Weight Average Molecular Weight(Mw)	36128
Mw/Mn	1.20344





MALDI-TOF Spectra

