

Figure 1: ^{13}C NMR spectrum of polymer obtained from experiment P1

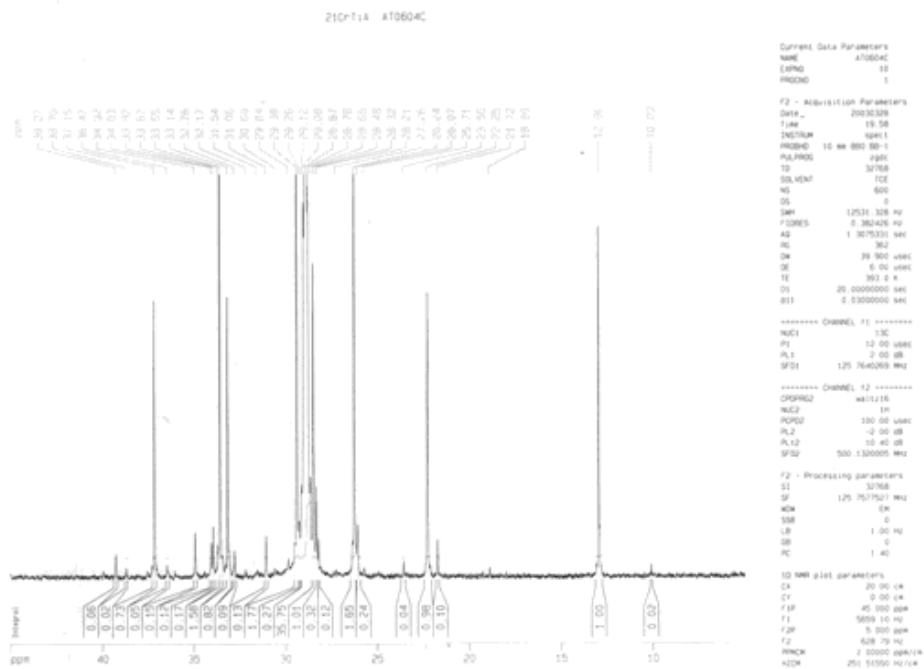


Figure 2: ^{13}C NMR spectrum of polymer obtained from experiment P2

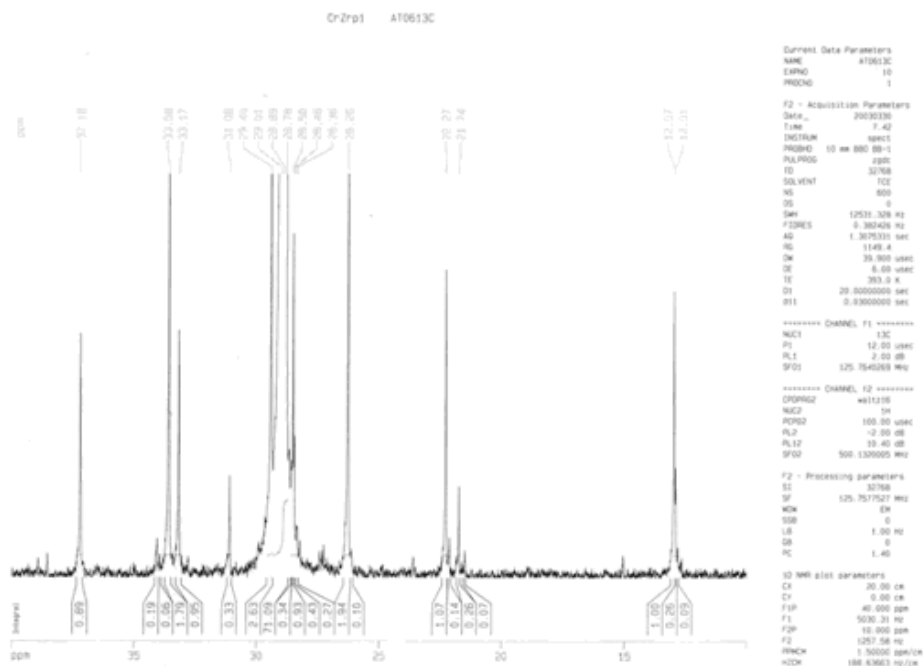


Figure 3: ^{13}C NMR spectrum of polymer obtained from experiment P3

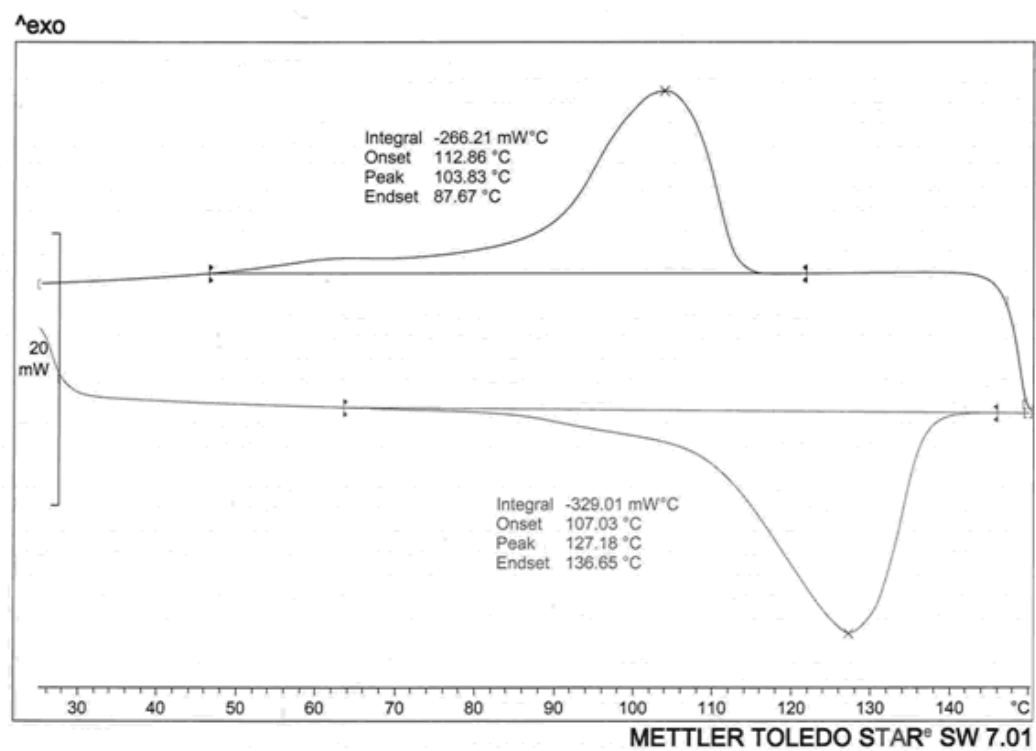


Figure 4: DSC thermogram of polymer obtained from experiment P1

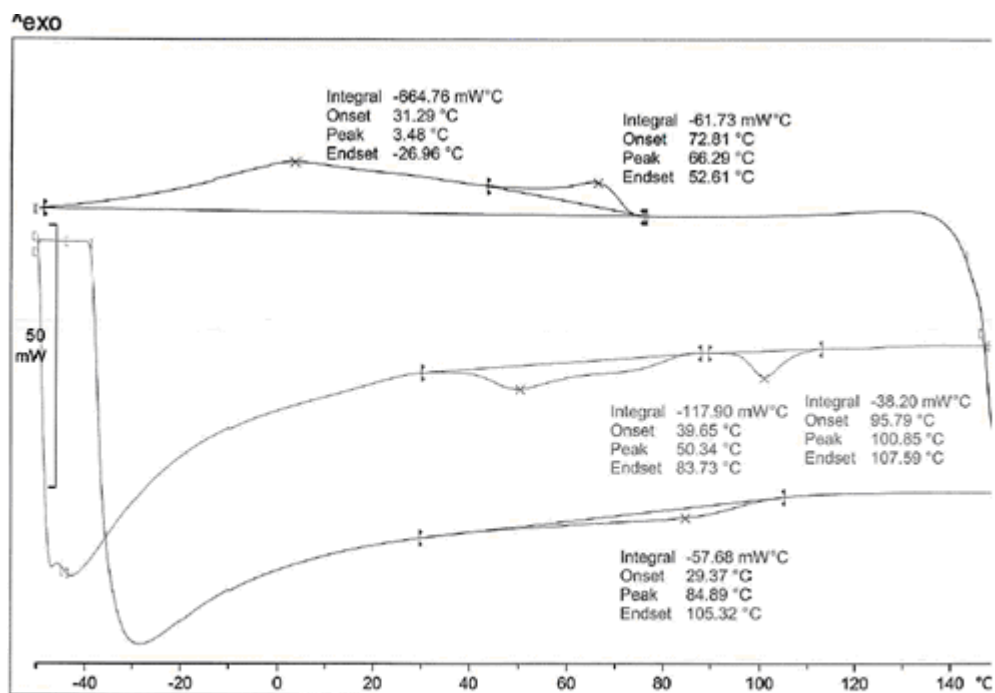


Figure 5: ^{13}C NMR spectrum of polymer obtained from experiment P2

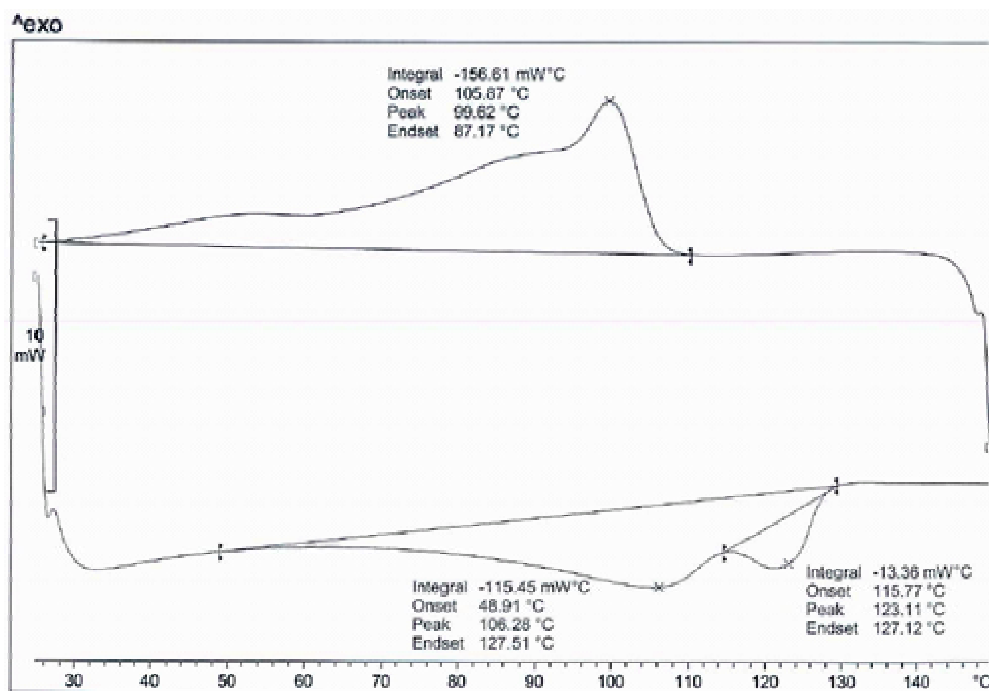


Figure 6: ^{13}C NMR spectrum of polymer obtained from experiment P3

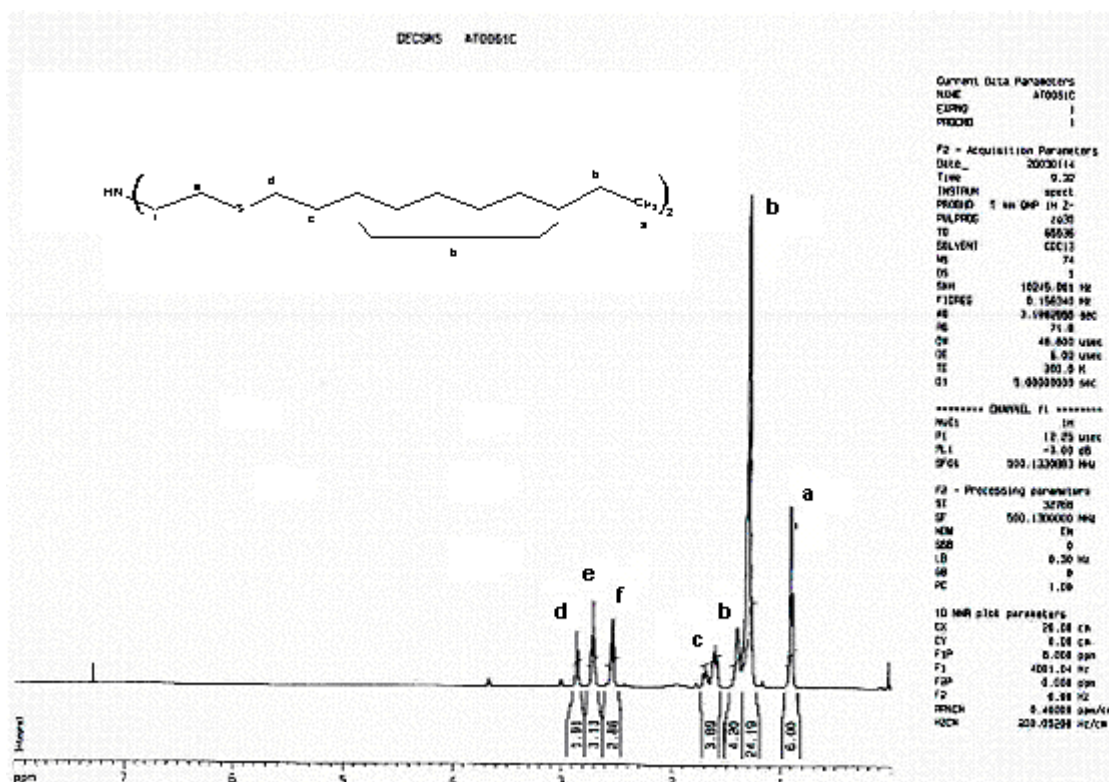


Figure 7: ^1H -NMR spectrum of bis(2-decylthioethyl)amine.

No.	Sample	%C (calc)	%C (calc)	%H (calc)	%H (calc)	%N (calc)	%N (calc)	%S (calc)	%S (calc)
1a	CrCl ₃ decylSNS	50.03	49.92	8.92	9.15	2.43	2.48	11.13	10.53
1b	CrCl ₃ decylSNS		50.01		9.18		2.49		9.34
1c	CrCl ₃ decylSNS		48.08		8.74		2.34		10.63
1d	CrCl ₃ decylSNS		50.55		9.12		2.46		11.01

Table 1. Elemental analysis of selected trimerization catalysts