

Bimetallic Anilido-Aldimine Al or Zn Complexes for Efficient Ring-Opening Polymerization of ϵ -Caprolactone

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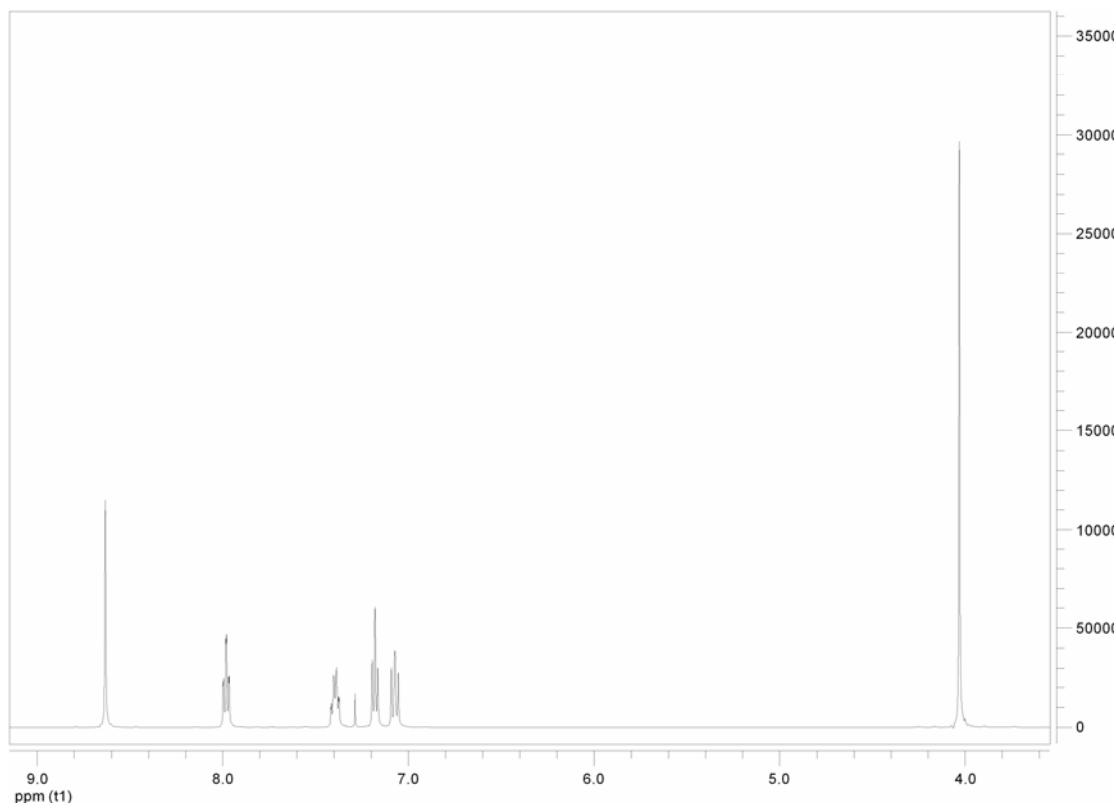


Figure 1. ¹H NMR spectrum of A

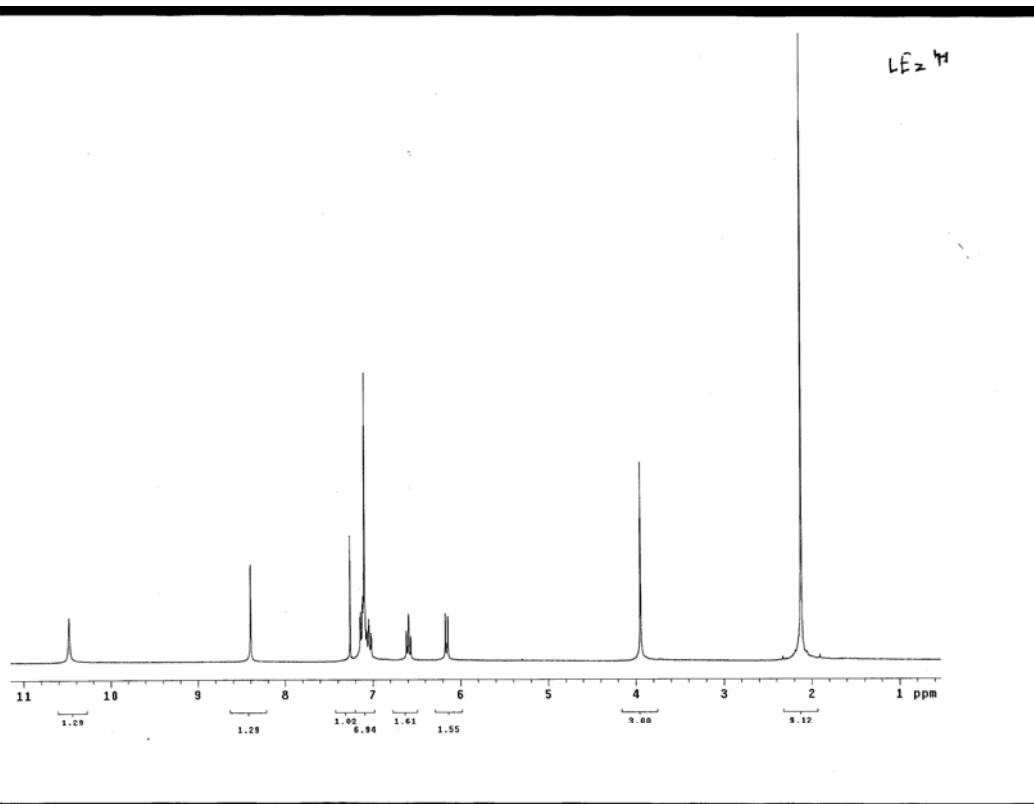


Figure 2. ¹H NMR spectrum of L¹H₂

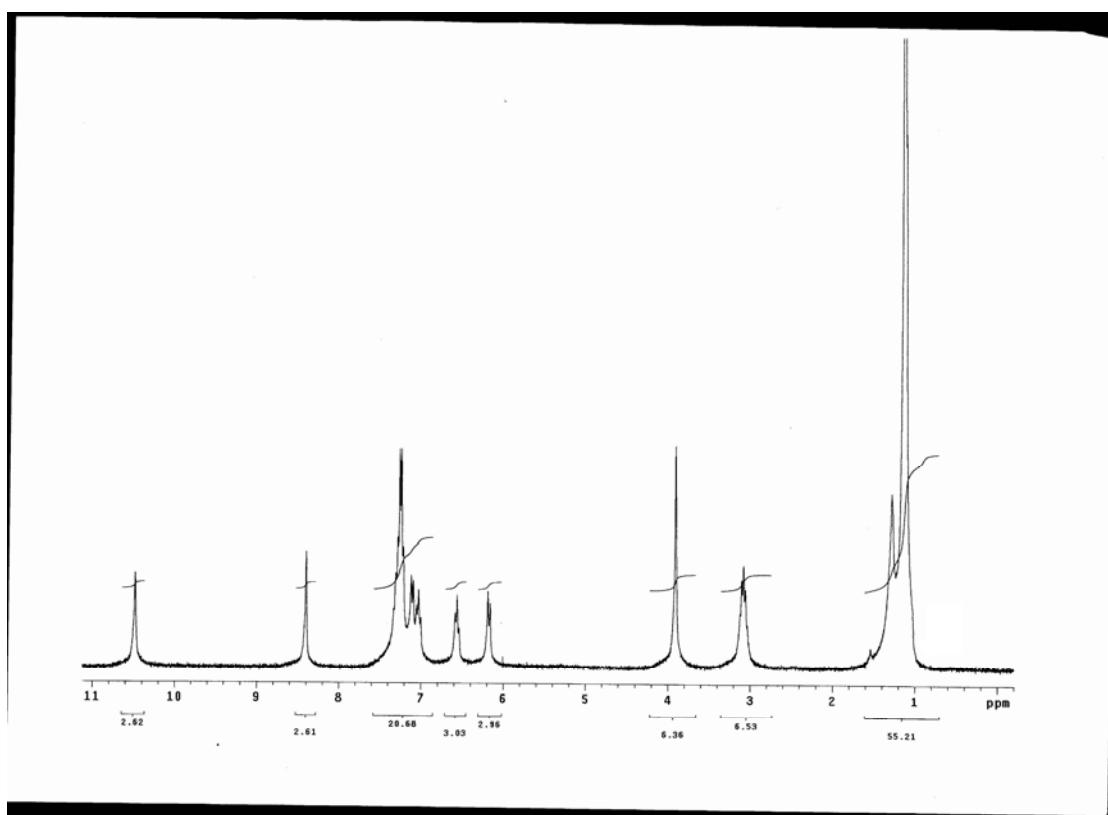


Figure 3. ^1H NMR spectrum of $\mathbf{L}^2\text{H}_2$

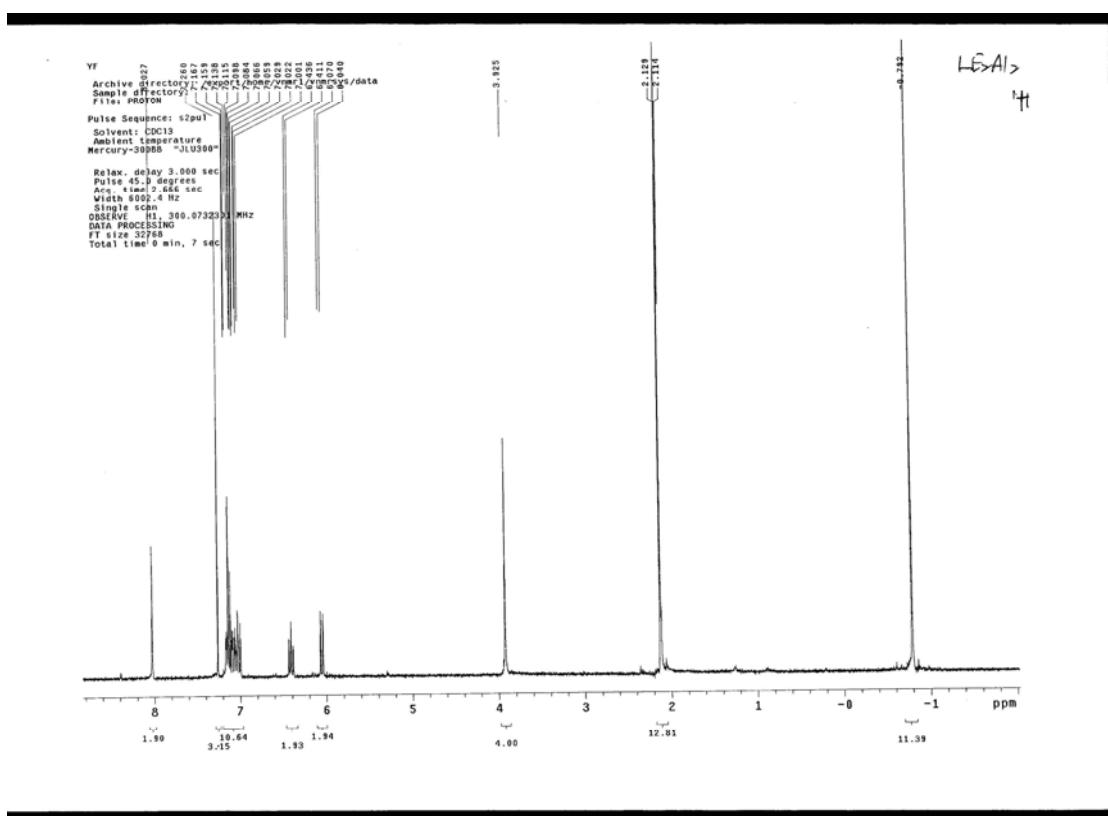


Figure 4. ^1H NMR spectrum of **1**

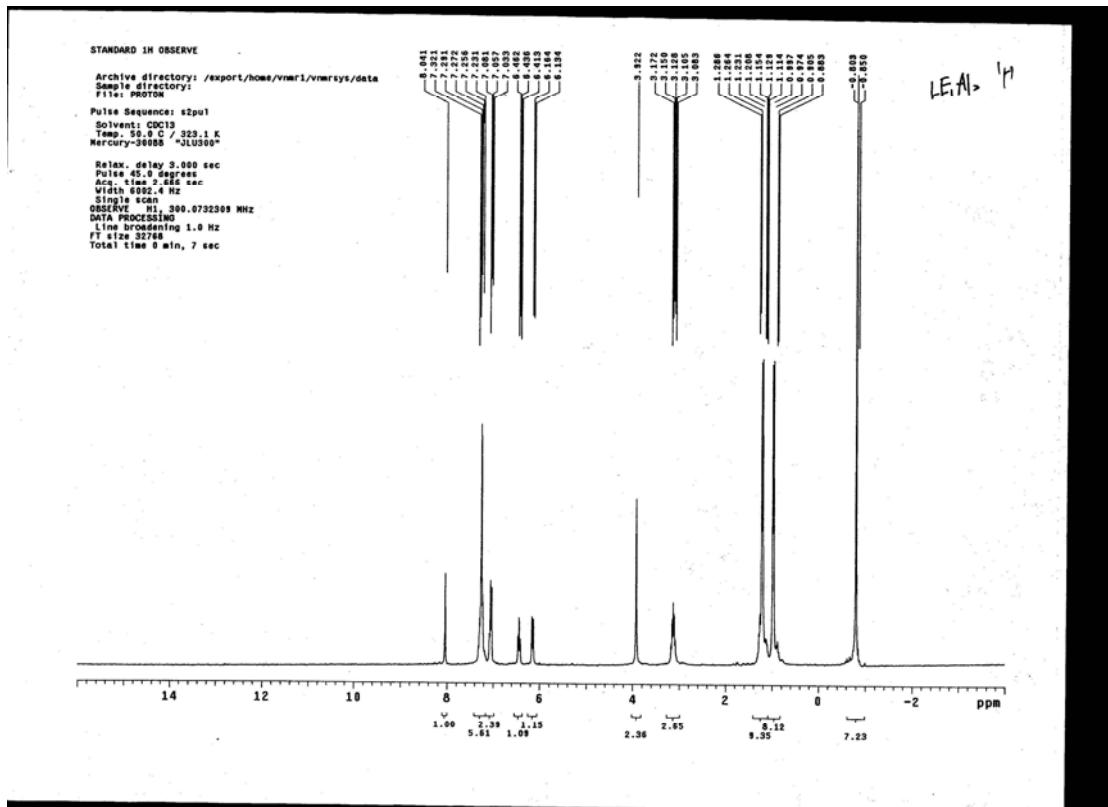


Figure 5. ^1H NMR spectrum of **2**

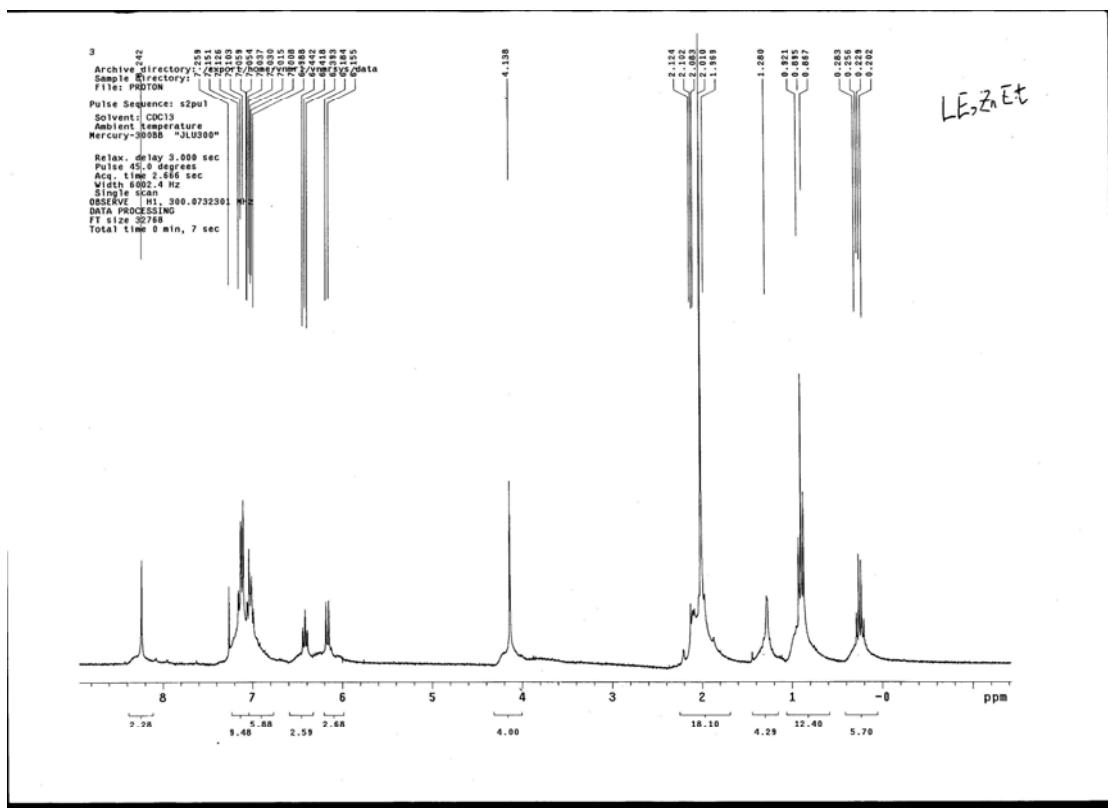


Figure 6. ^1H NMR spectrum of **3**

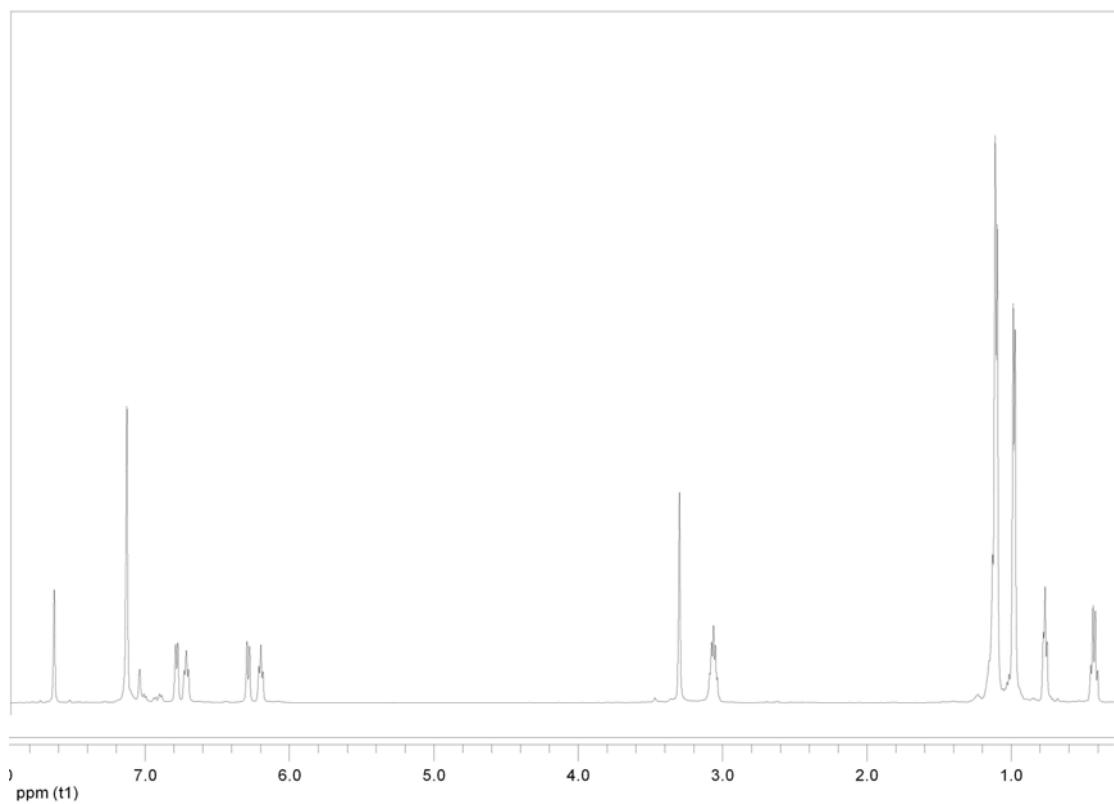


Figure 7. ^1H NMR spectrum of **4**

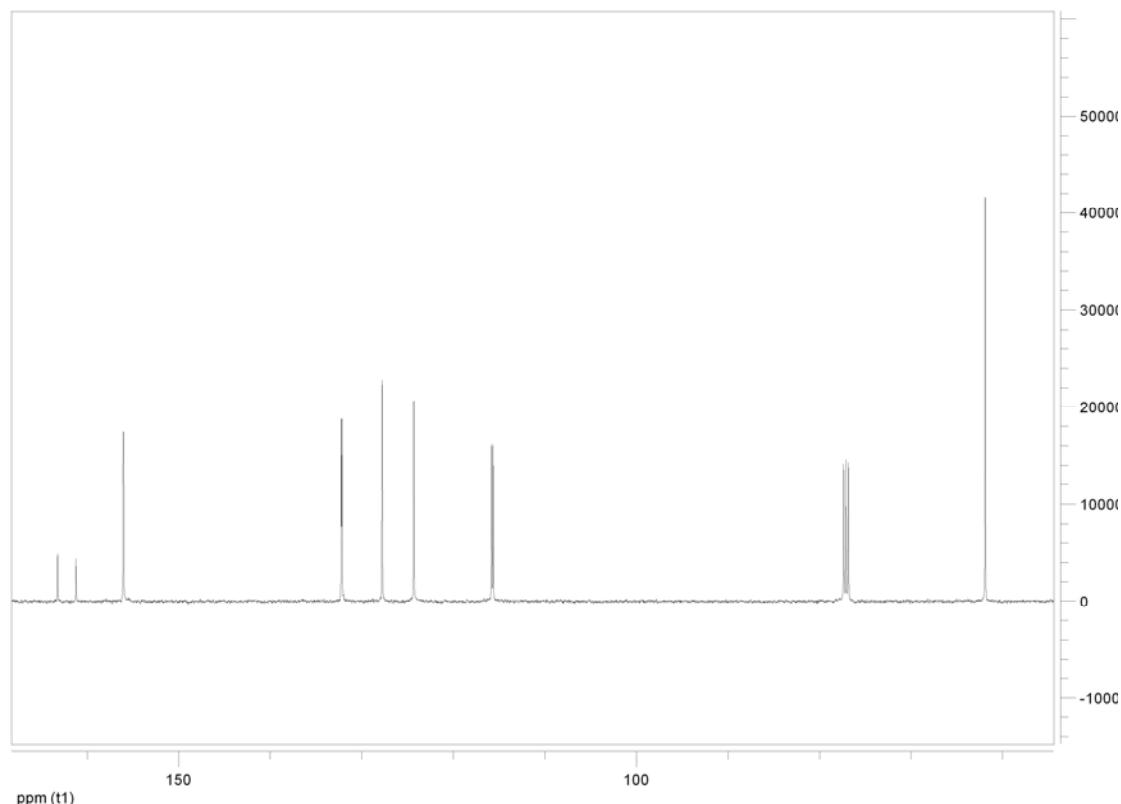


Figure 8. ^{13}C NMR spectrum of **A**

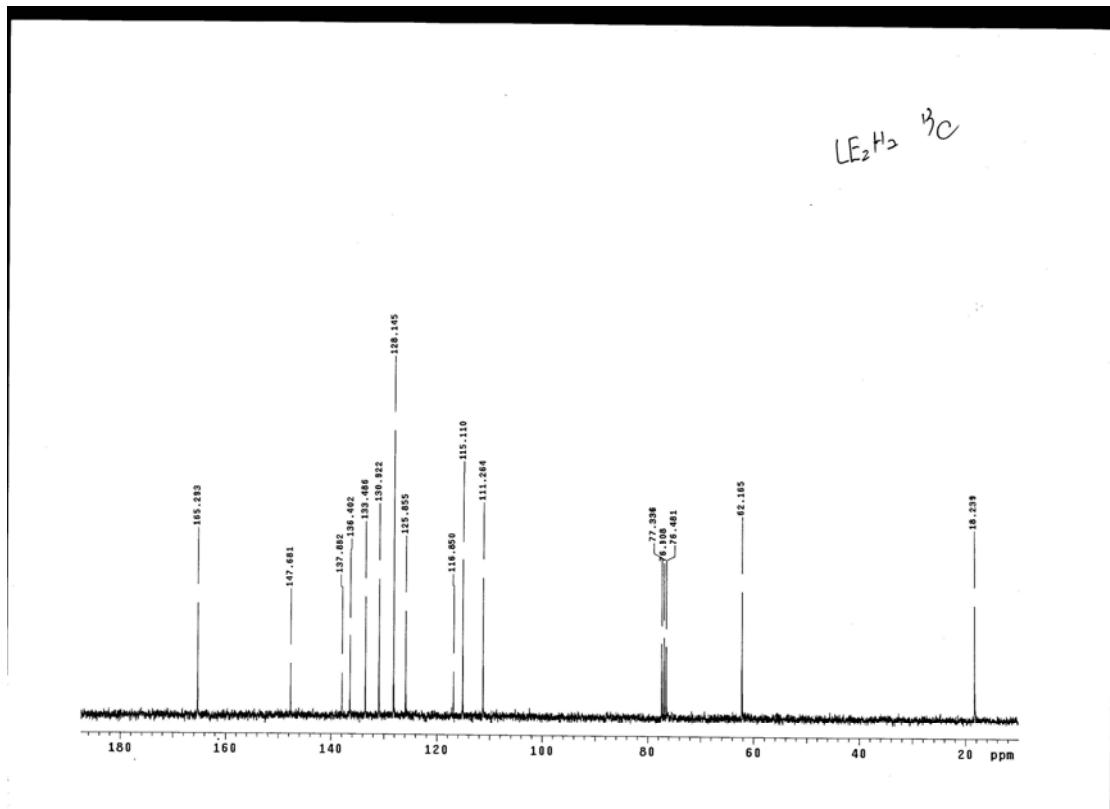


Figure 9. ^{13}C NMR spectrum of L^1H_2

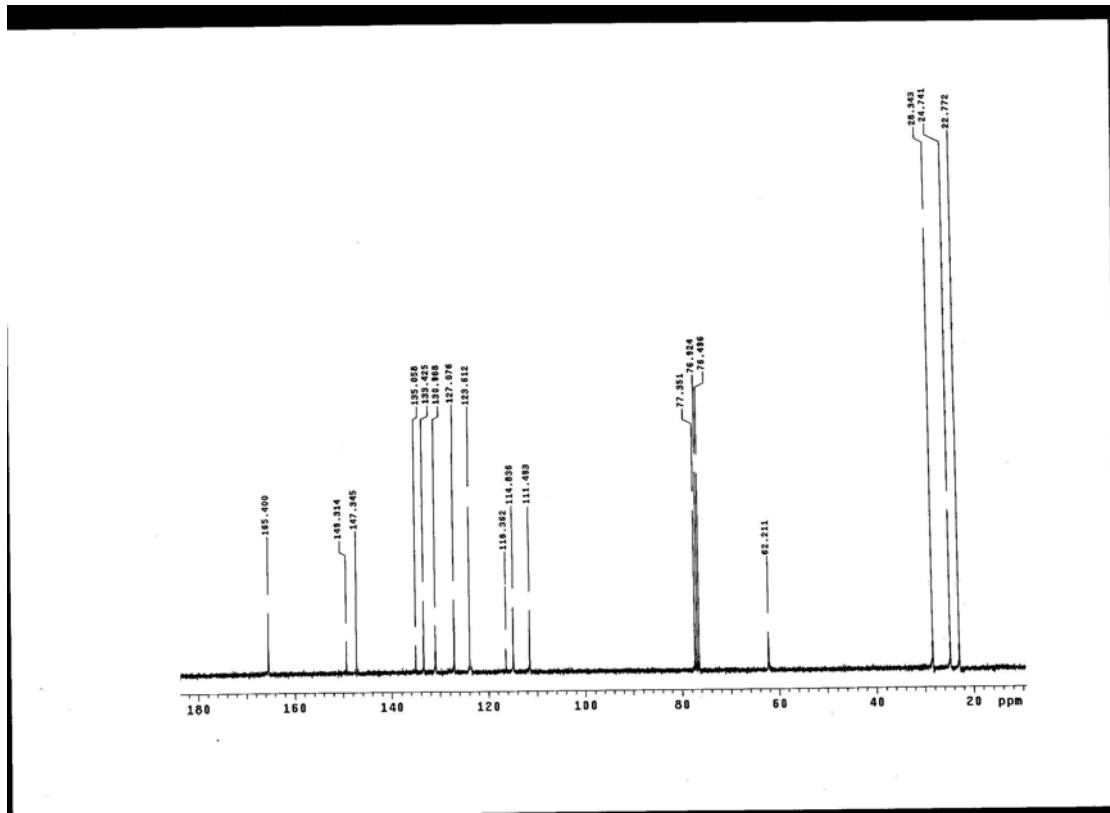


Figure 10. ^{13}C NMR spectrum of L^2H_2

```

YV-C
exp2 s2pu1

SAMPLE          SPECIAL
date Dec 21 2005 temp not used
solvent   CDCl3 gain 20
file      exp spin not used
ACQUISITION exp n  not used
sw       18667.9 pw90 14.600
at       0.300 p1fa 20.000
np       26416 rfp 14.600
t0       10000.0 t1 0.998
ss       16 in
d1      1.000 dp  y
dt     1000.0 dppm  nn
ct      2564 PROCESSING 1.00
tn TRANSMITTER C13 lb 1.00
C13 f1  not used
sfrq    75.462 DISPLAY
tfrq    745.3 sp -1111.0
tpwr    60 rfp 1474.5
pw     7.300 rfp 1134.1
DECOUPLER rfp 0
dn      H1 fp 82.0
dof     0  PLOT -259.0
dm      Y  wc 250
dppr    45 sc 0
def     17263 ts 47
nm      ph

```

LE,A₂ / ¹³C

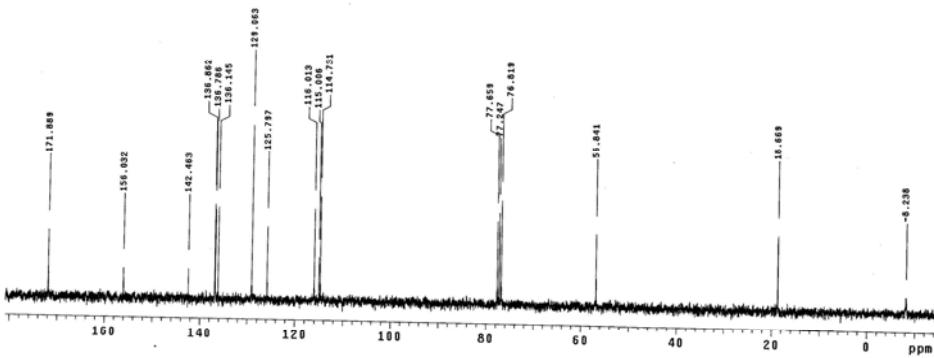


Figure 11. ¹³C NMR spectrum of **1**

```

YV-C
exp2 s2pu1

SAMPLE          SPECIAL
date Oct 25 2005 temp not used
solvent   CDCl3 gain 20
file      exp spin not used
ACQUISITION exp n  not used
sw       18667.9 pw90 14.600
at       0.300 p1fa 20.000
np       26416 rfp 14.600
t0       10400 t1 0.998
ss       16 in
d1      0.700 dp  y
dt     10000.0 dppm  nn
ct      58752 PROCESSING 1.00
tn TRANSMITTER C13 f1  not used
C13 DISPLAY
sfrq    75.462 sp 1136.6
tfrq    745.3 wp 1474.5
tpwr    60 rfp 1155.0
pw     7.300 rfp -82.4
DECOUPLER rfp -232.3
dn      H1 fp 82.0
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dm      Y  wc 250
dppr    36 sc 37
def     17263 ts 6
nm      ph

```

LE,A₂ / ¹³C

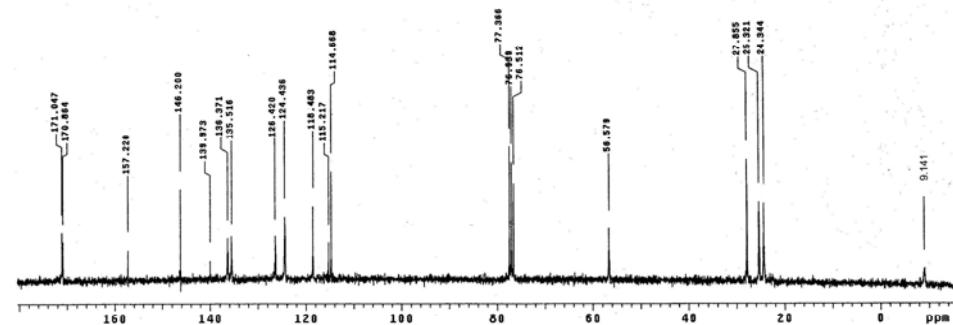


Figure 12. ¹³C NMR spectrum of **2**

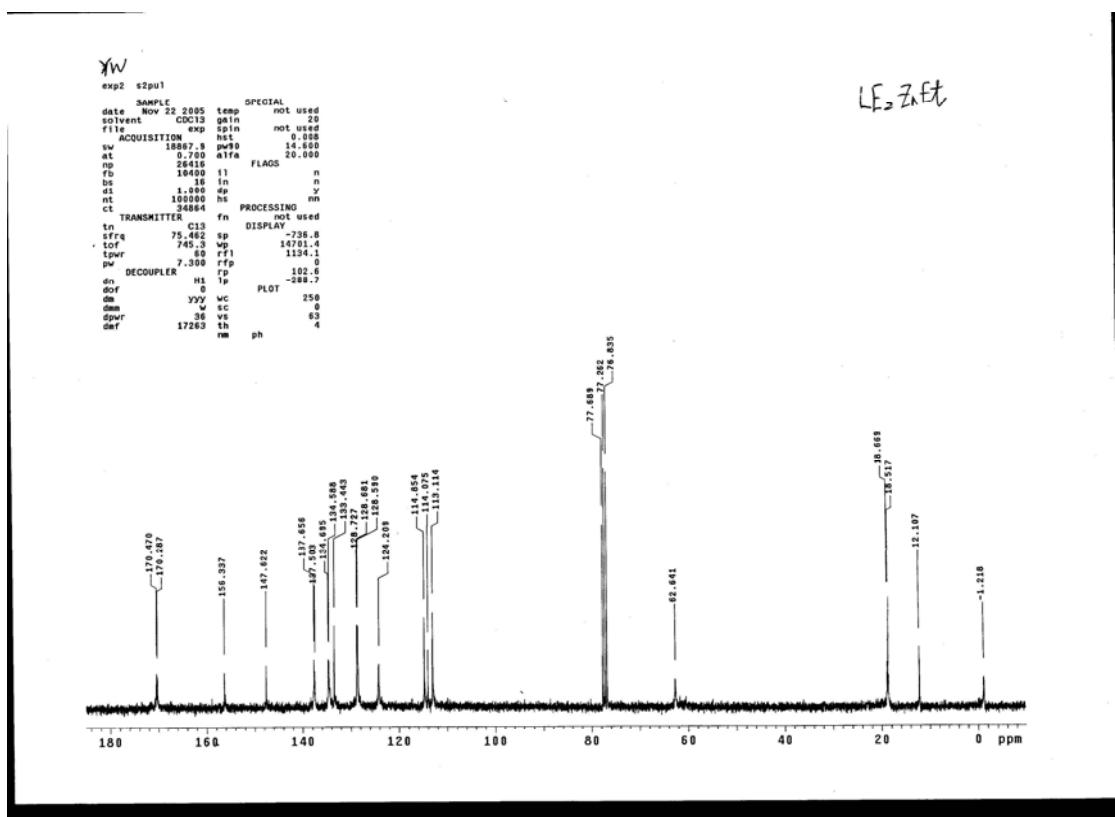


Figure 13. ^{13}C NMR spectrum of **3**

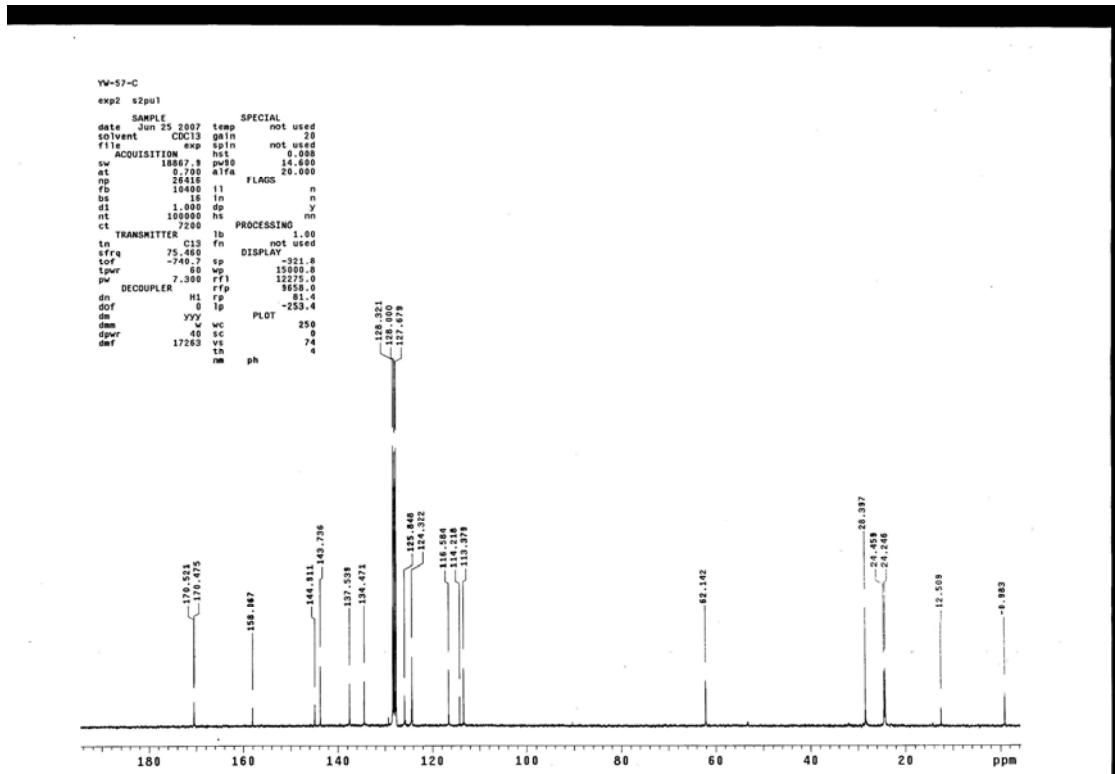


Figure 14. ^{13}C NMR spectrum of **4**

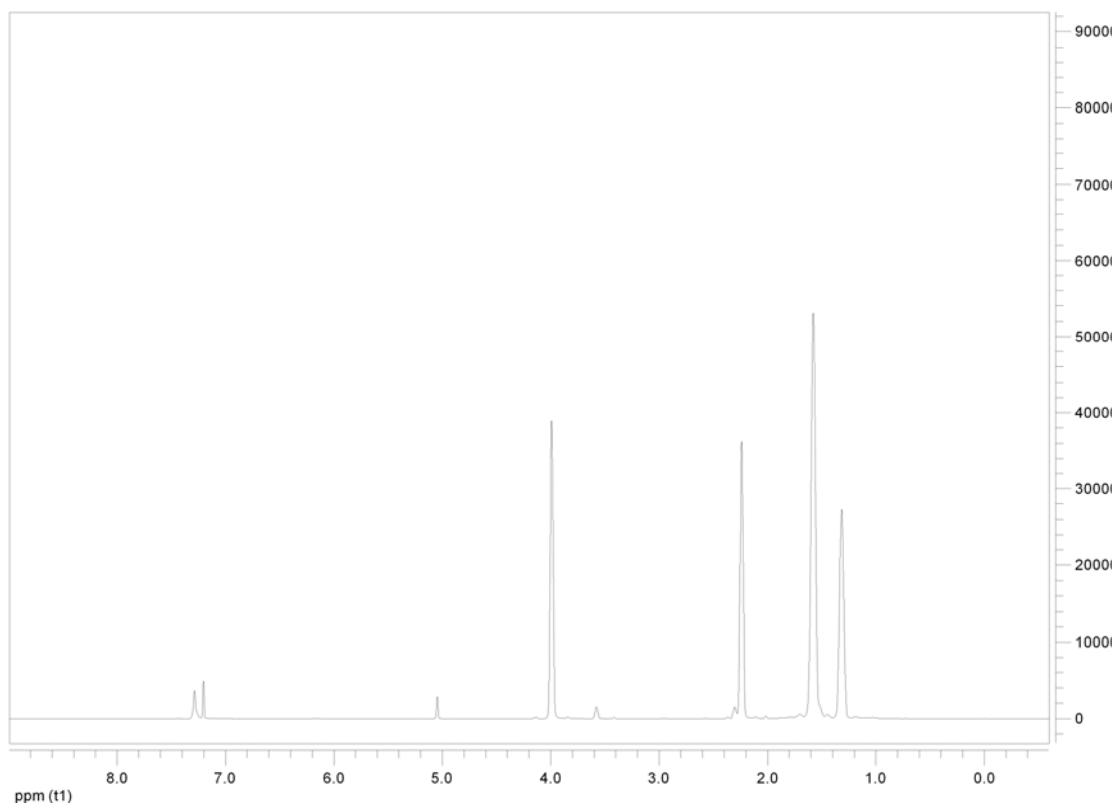


Figure 15. ¹H NMR spectrum of PCL (entry 5)

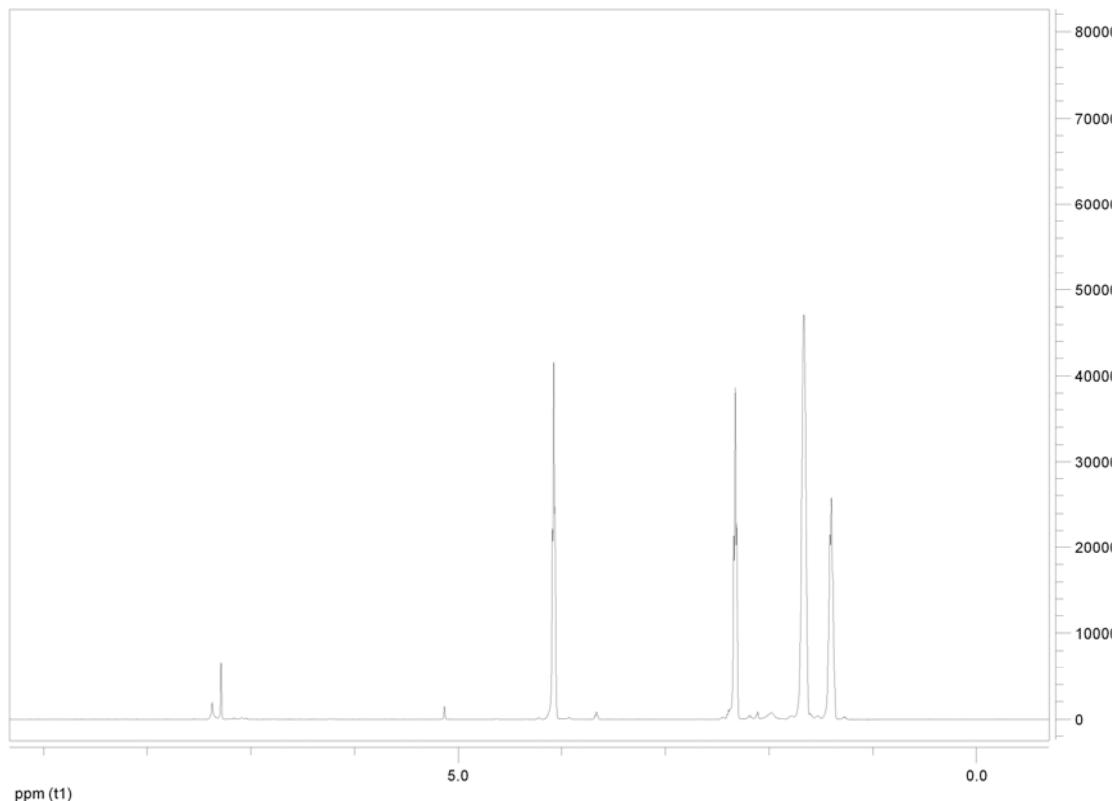


Figure 16. ¹H NMR spectrum of PCL (entry 6)

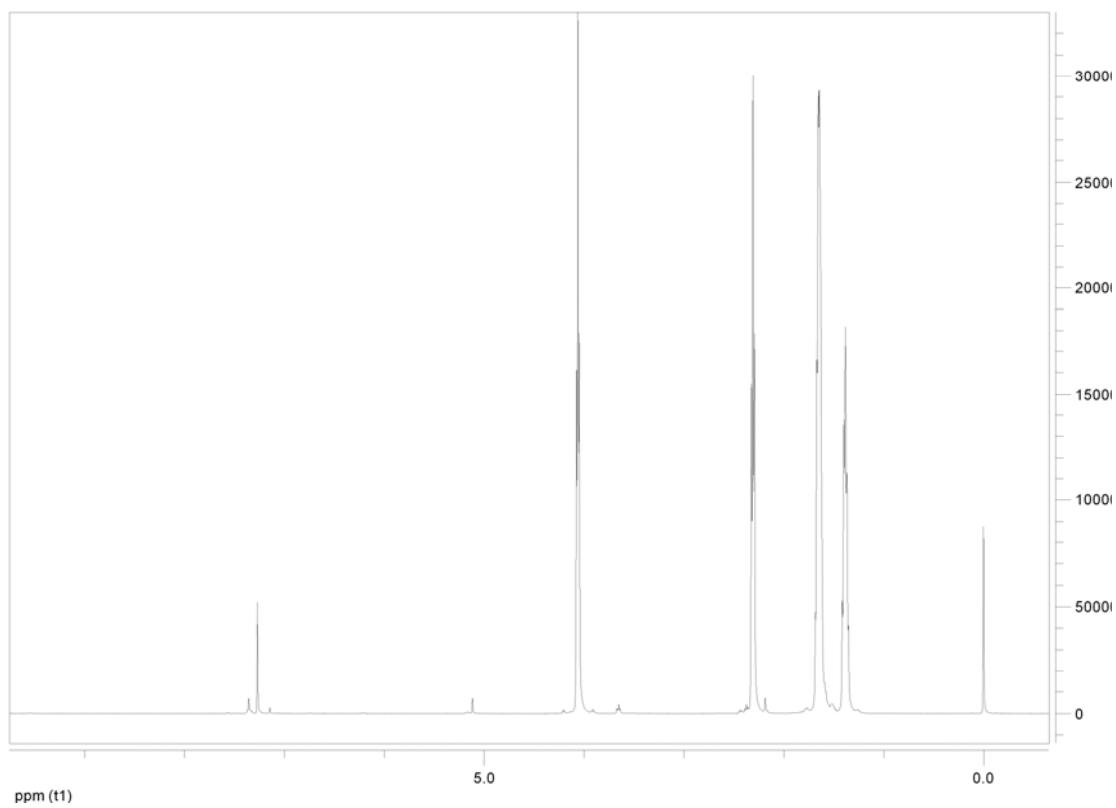


Figure 17. ¹H NMR spectrum of PCL (entry 7)

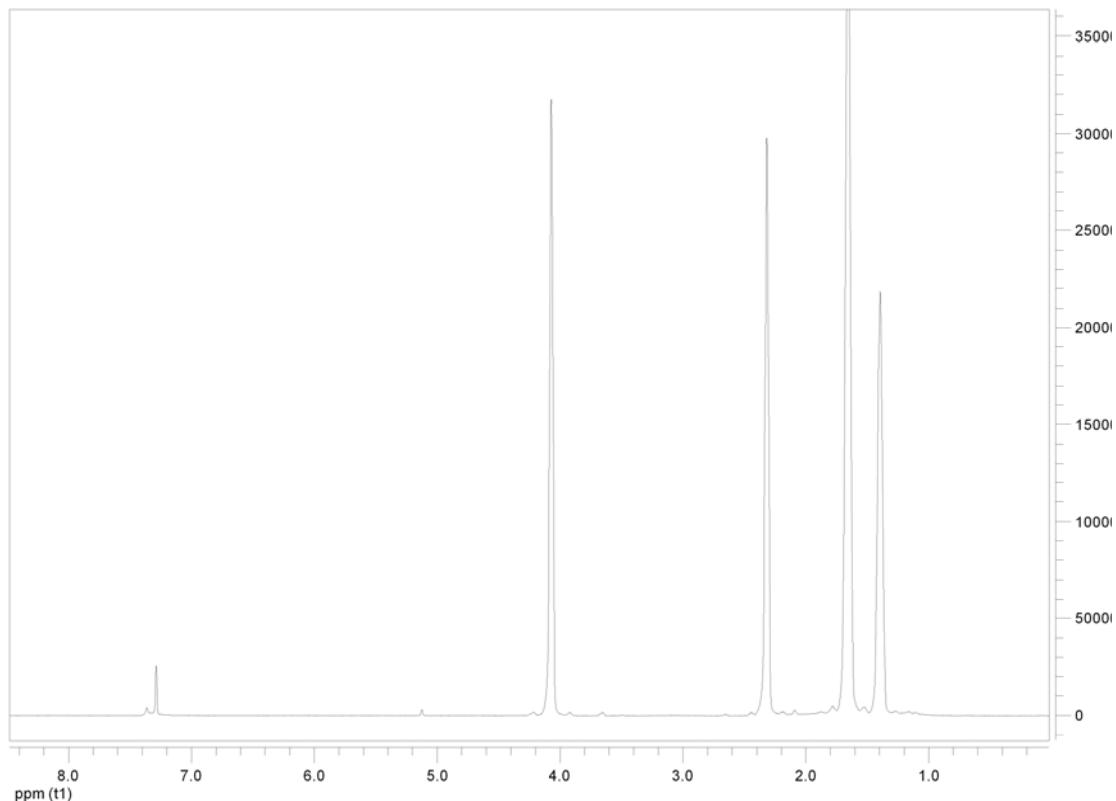


Figure 18. ¹H NMR spectrum of PCL (entry 10)

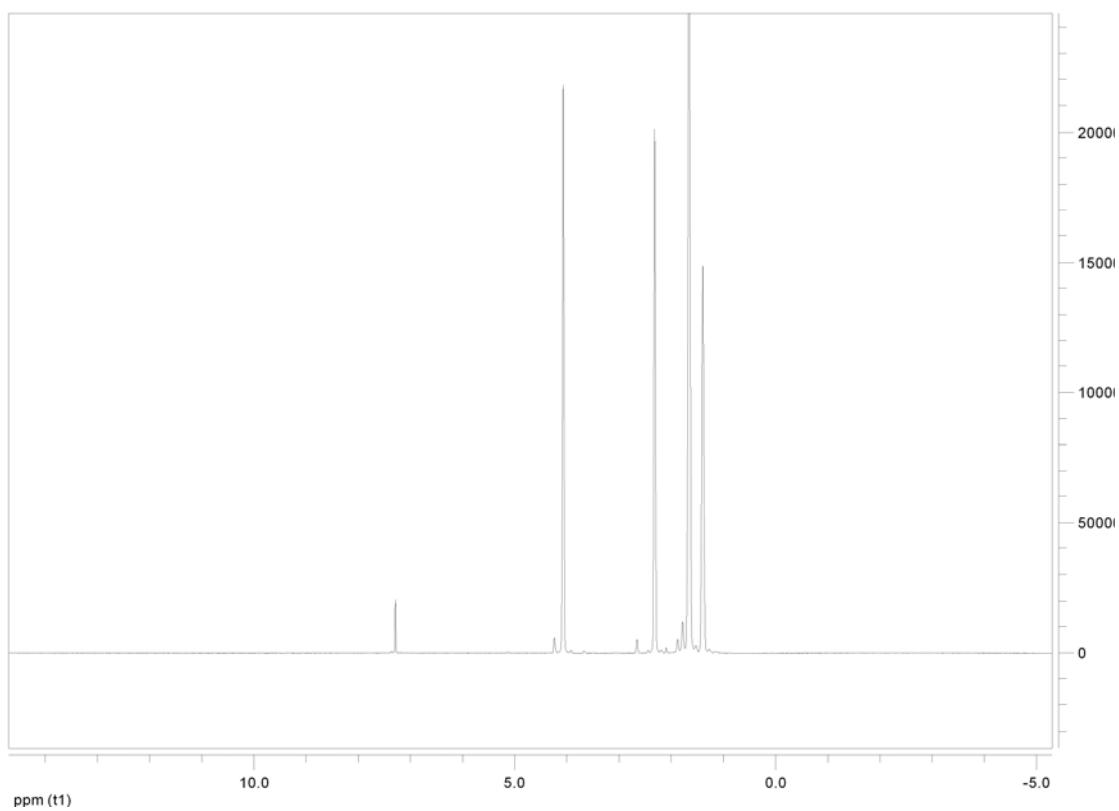


Figure 19. ¹H NMR spectrum of PCL (entry 13)

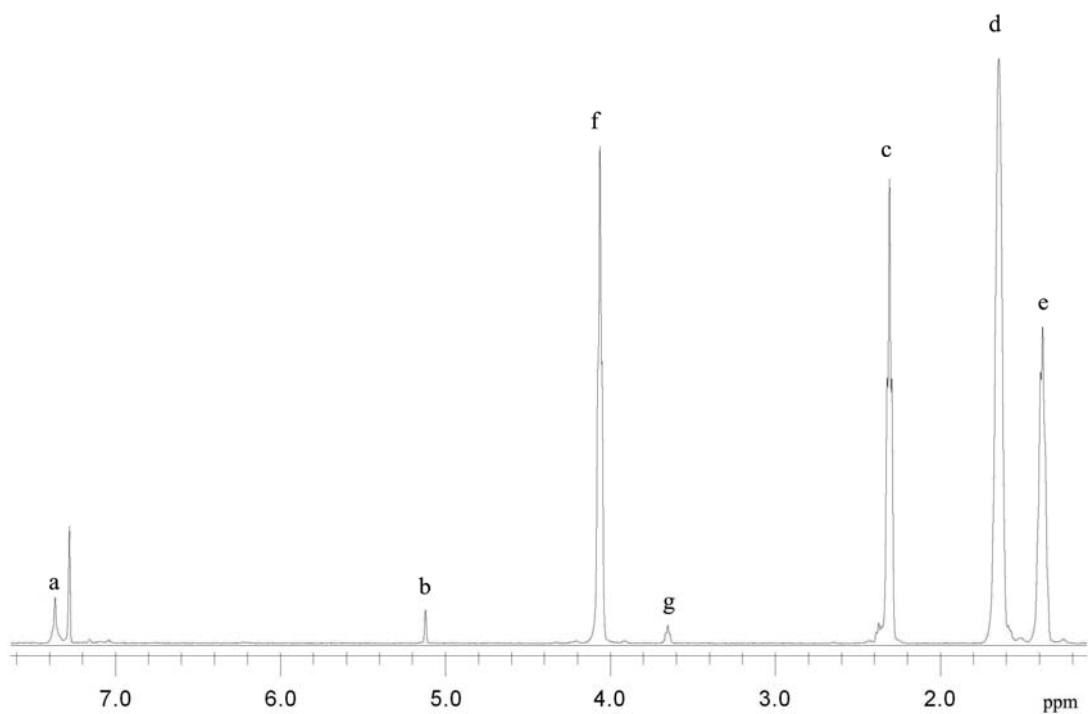


Figure 20. ¹H NMR spectrum of PCL (entry 15)

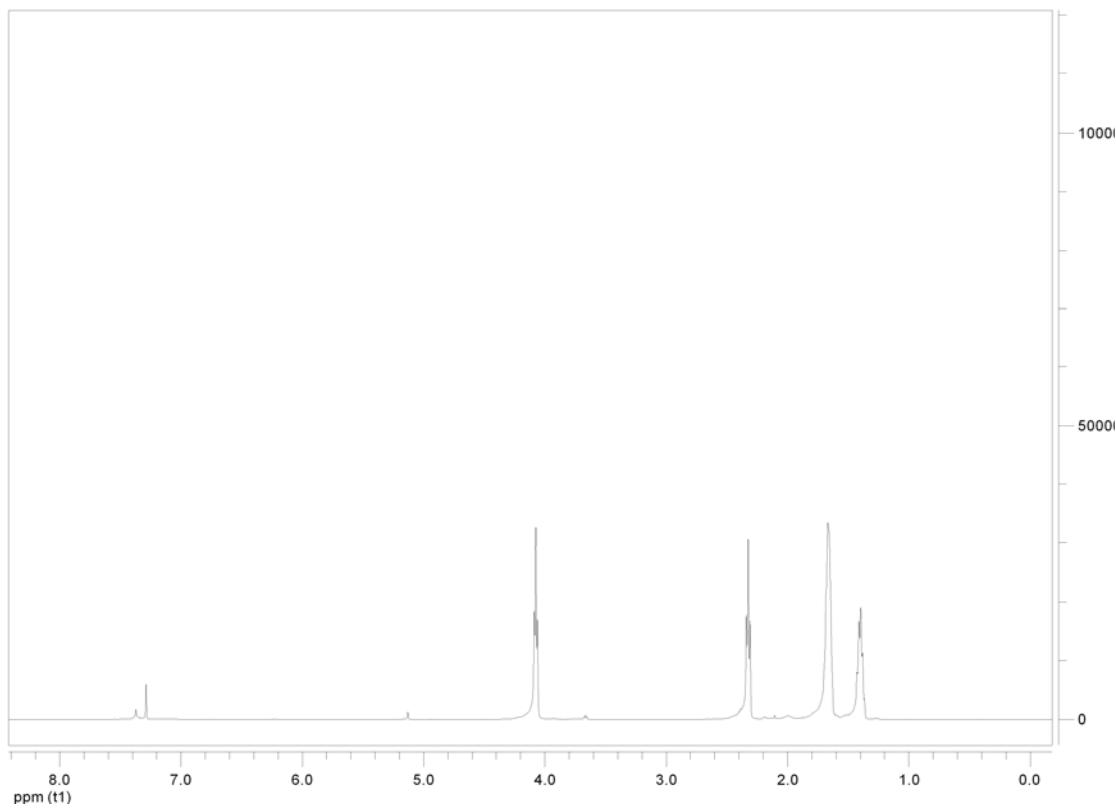


Figure 21. ¹H NMR spectrum of PCL (entry 16)

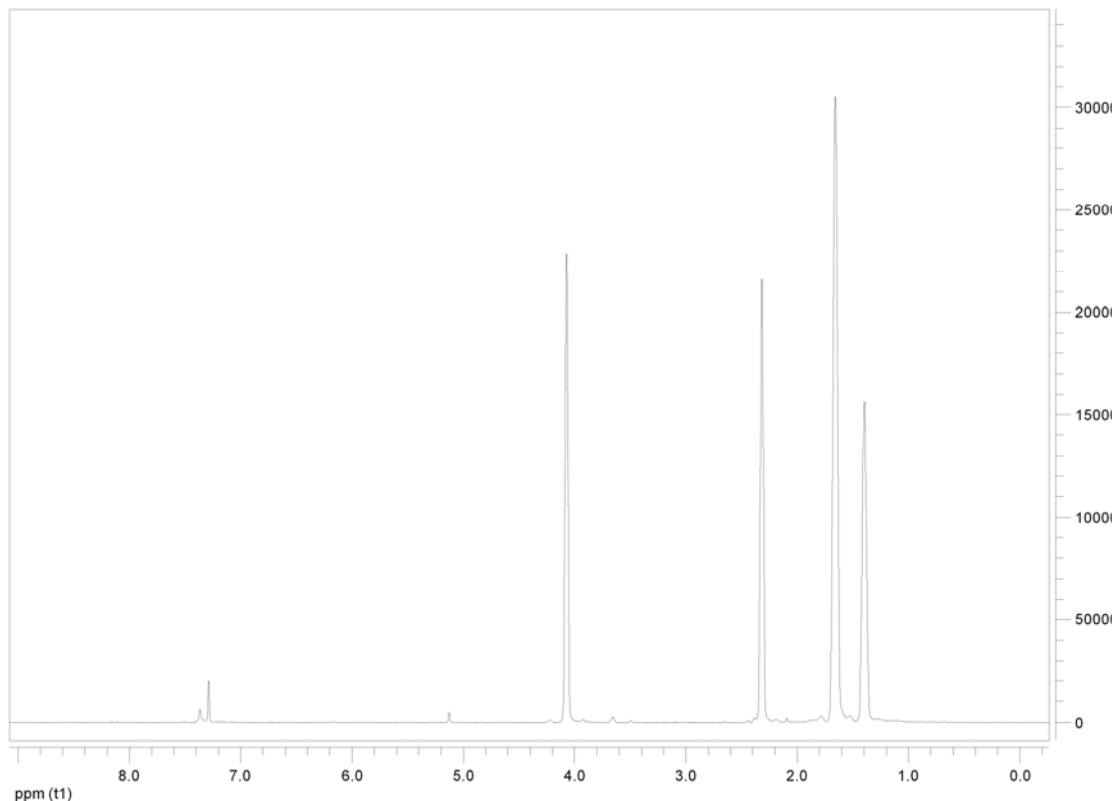


Figure 22. ¹H NMR spectrum of PCL (entry 17)

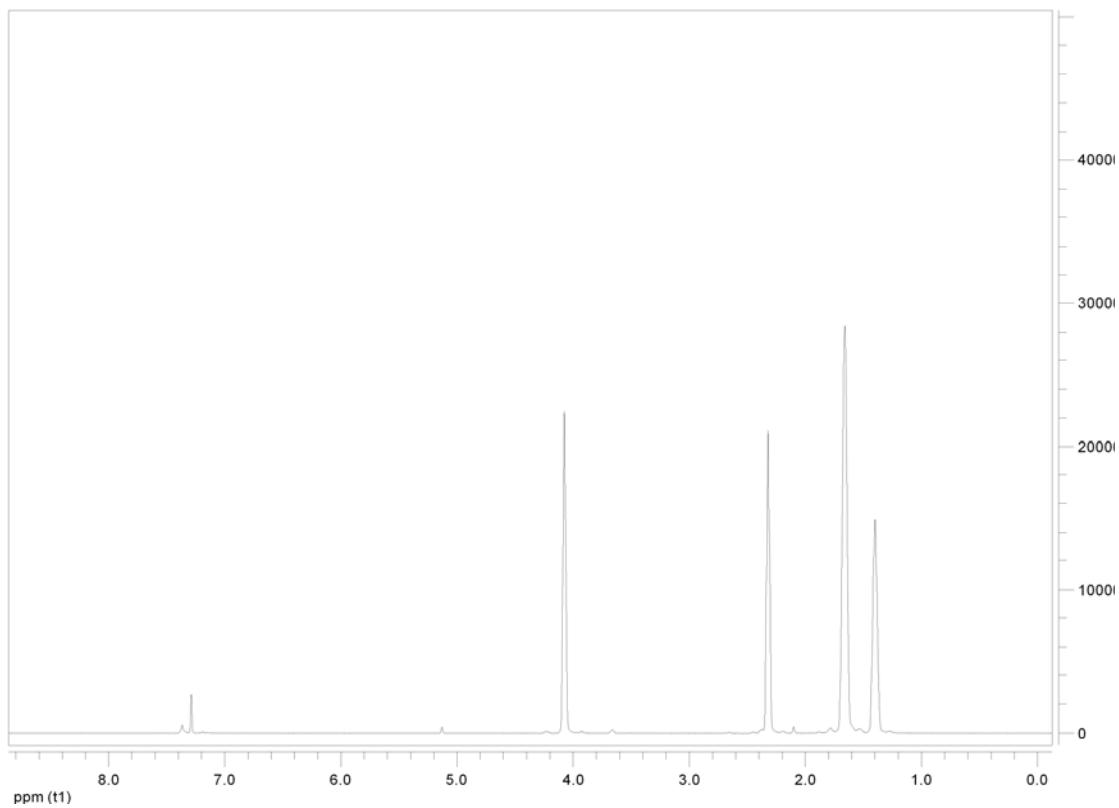


Figure 23. ^1H NMR spectrum of PCL (entry 20)

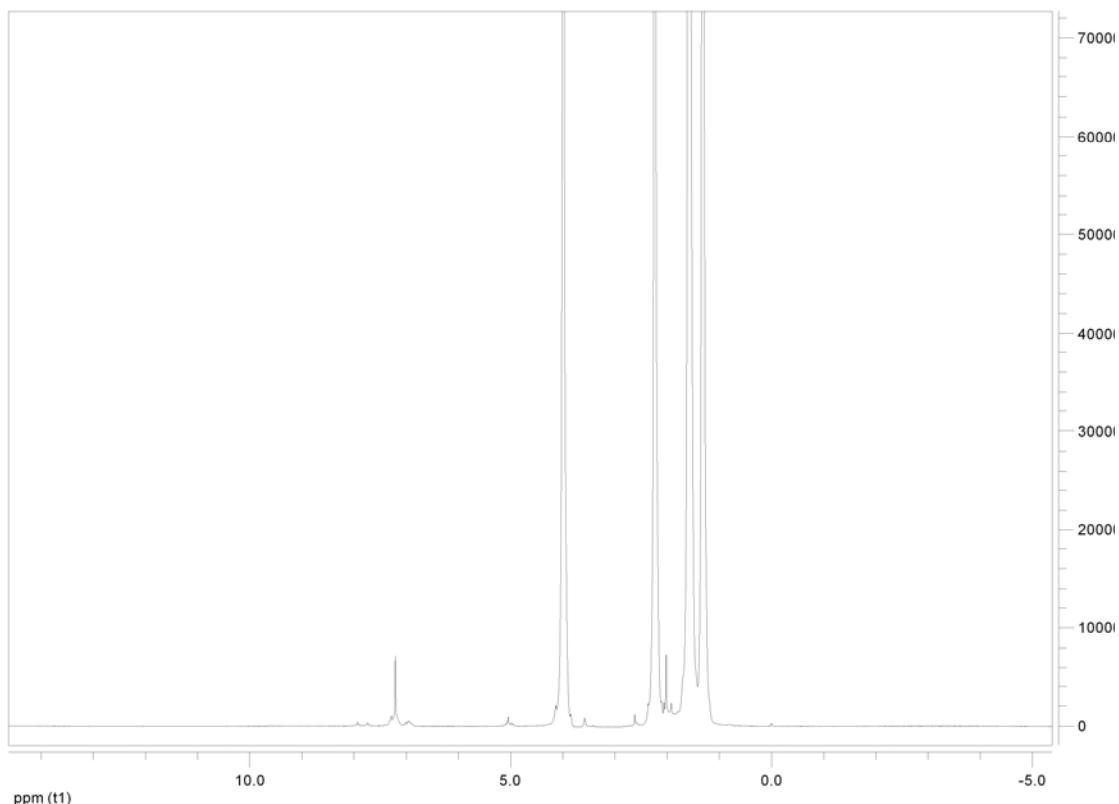


Figure 24. ^1H NMR spectrum of PCL (entry 23)

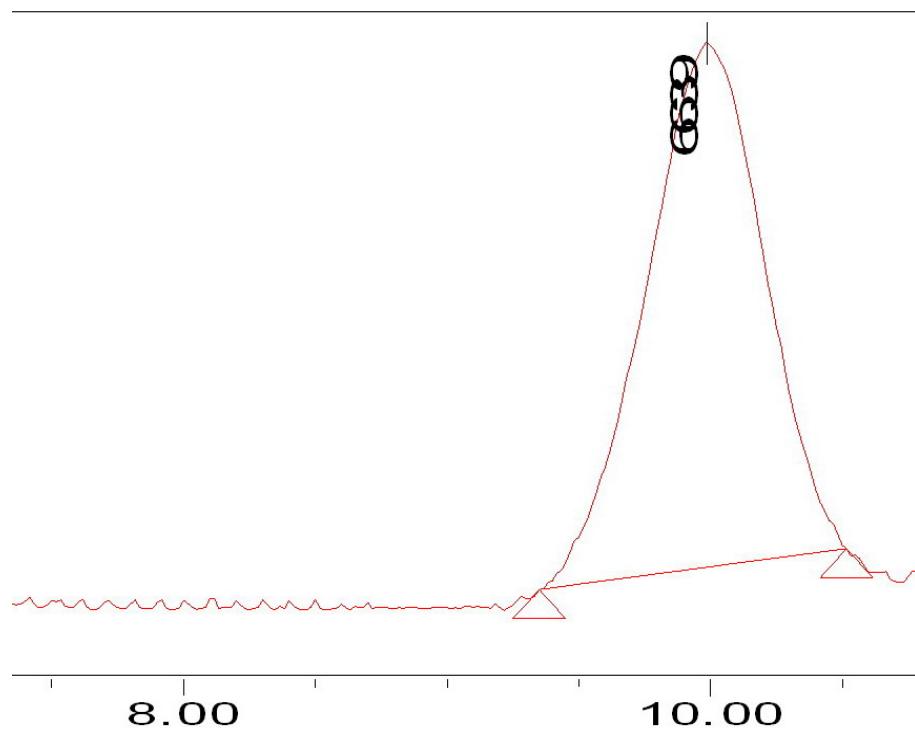


Figure 25. GPC elution curve of PCL (entry 5)

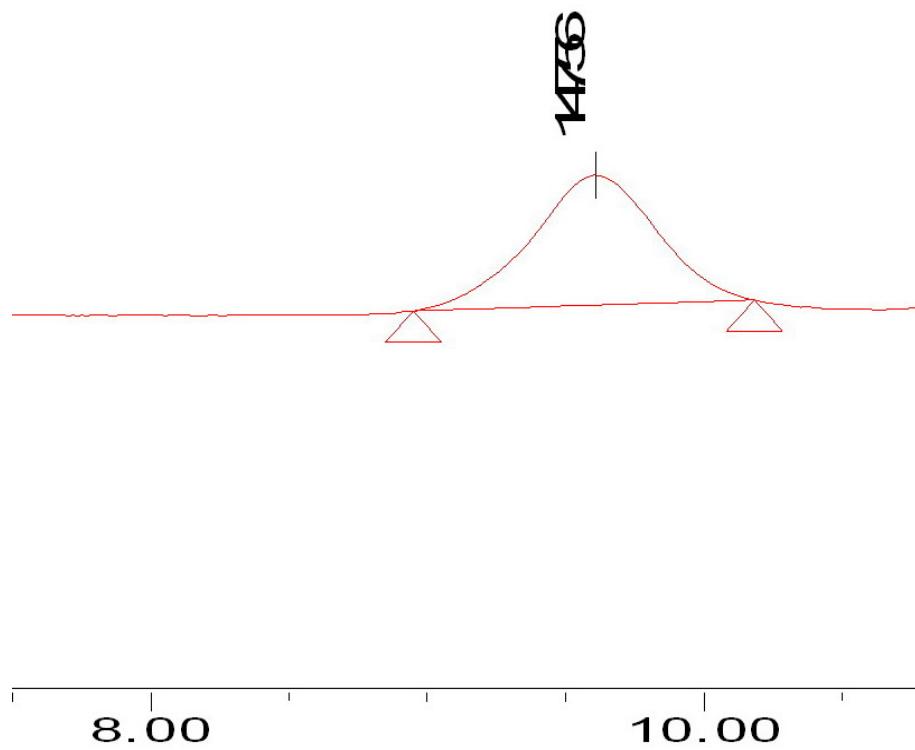


Figure 26. GPC elution curve of PCL (entry 6)

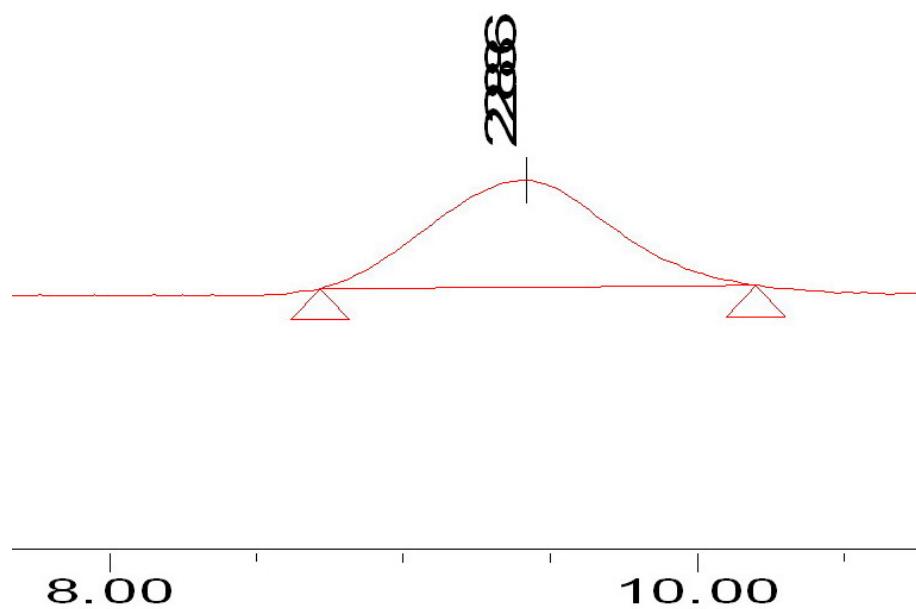


Figure 27. GPC elution curve of PCL (entry 7)

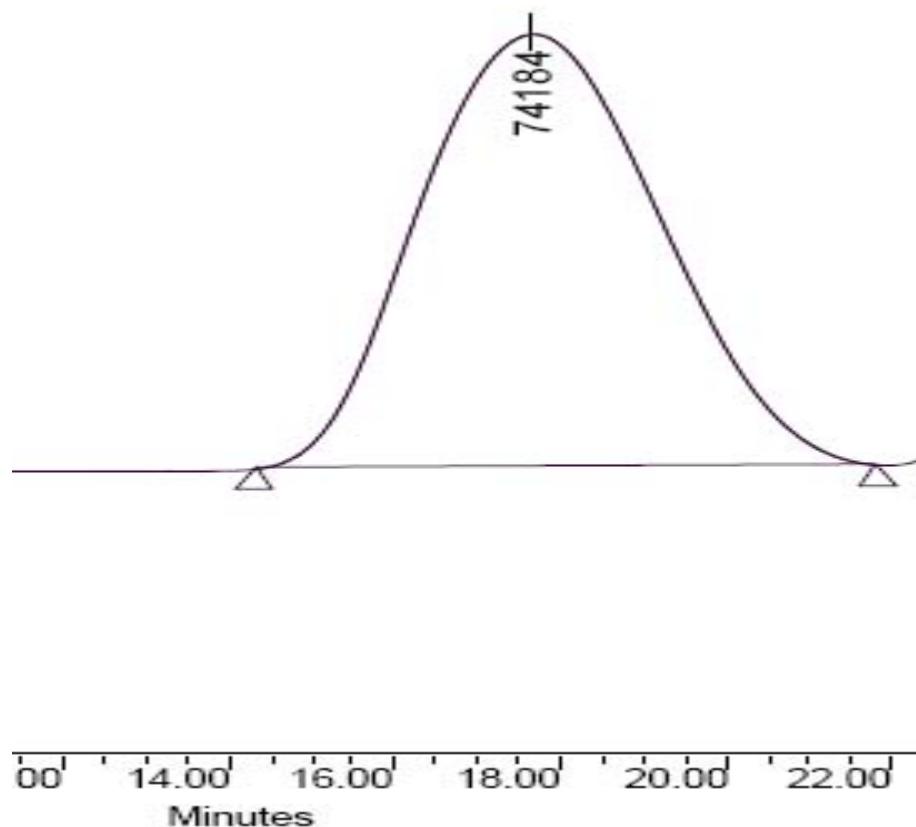


Figure 28. GPC elution curve of PCL (entry 10)

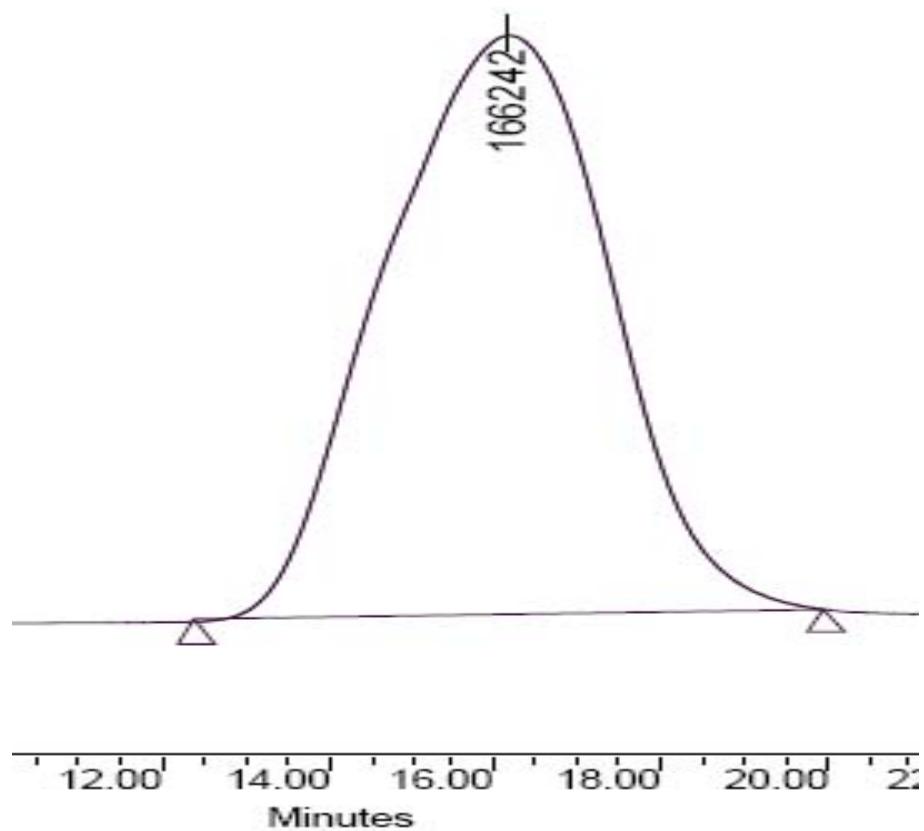


Figure 29. GPC elution curve of PCL (entry 13)

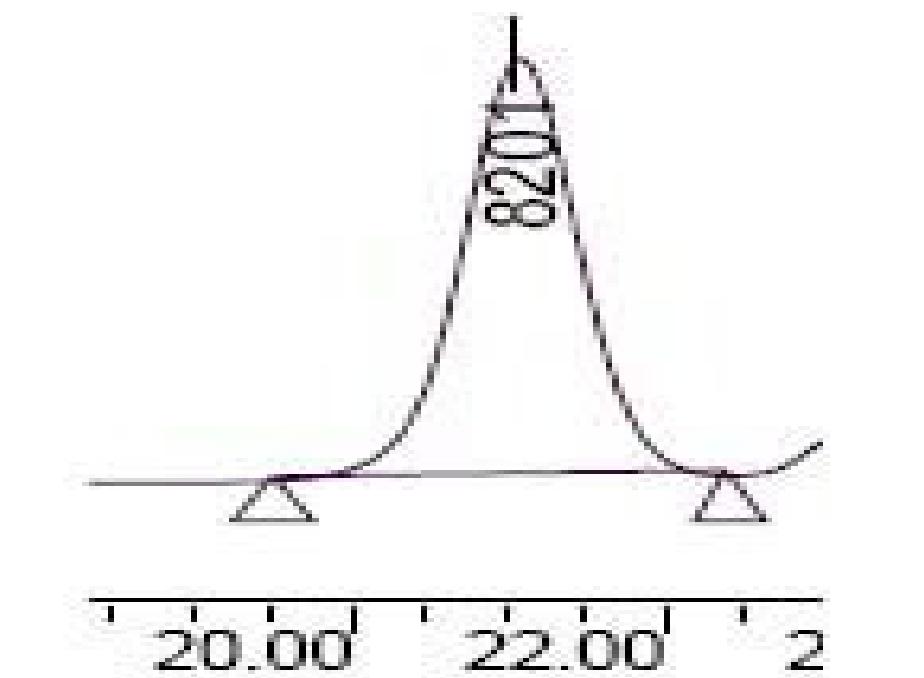


Figure 30. GPC elution curve of PCL (entry 15)

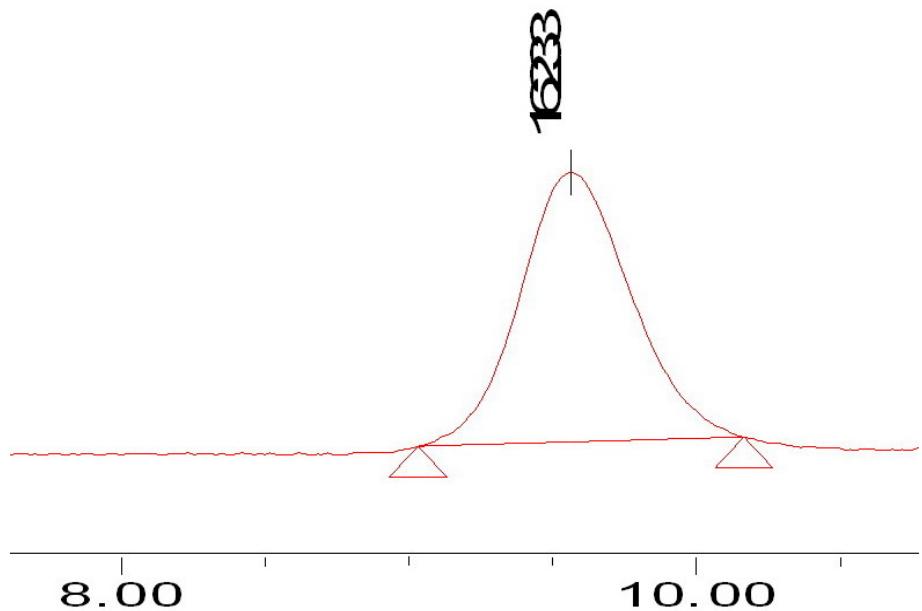


Figure 31. GPC elution curve of PCL (entry 16)

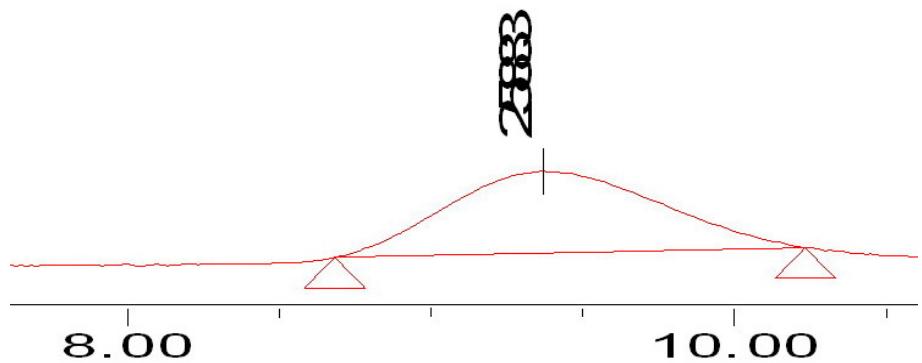


Figure 32. GPC elution curve of PCL (entry 17)

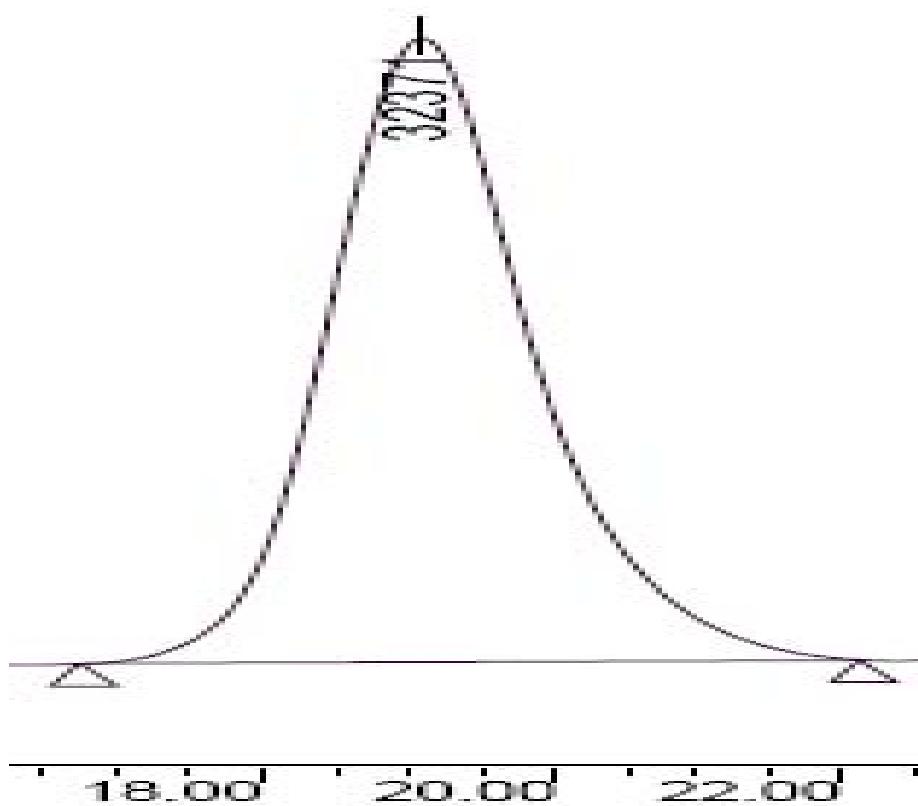


Figure 33. GPC elution curve of PCL (entry 20)

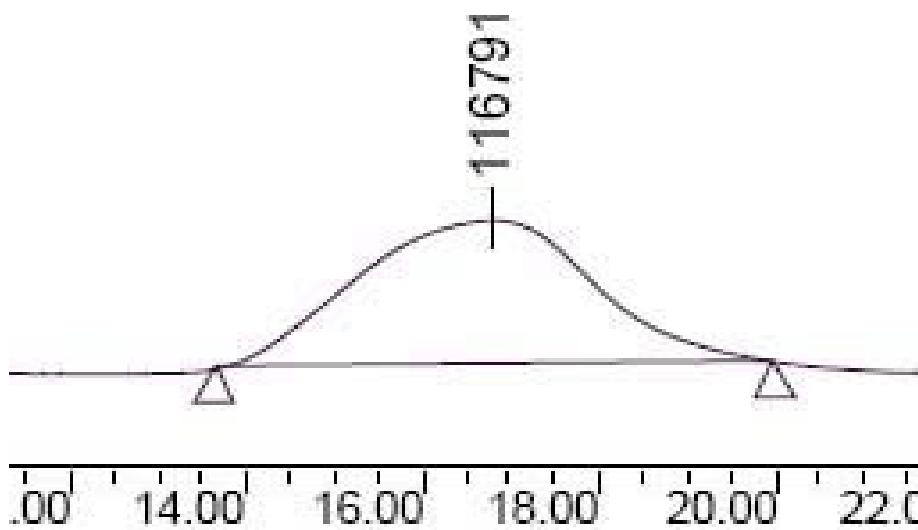


Figure 34. GPC elution curve of PCL (entry 23)