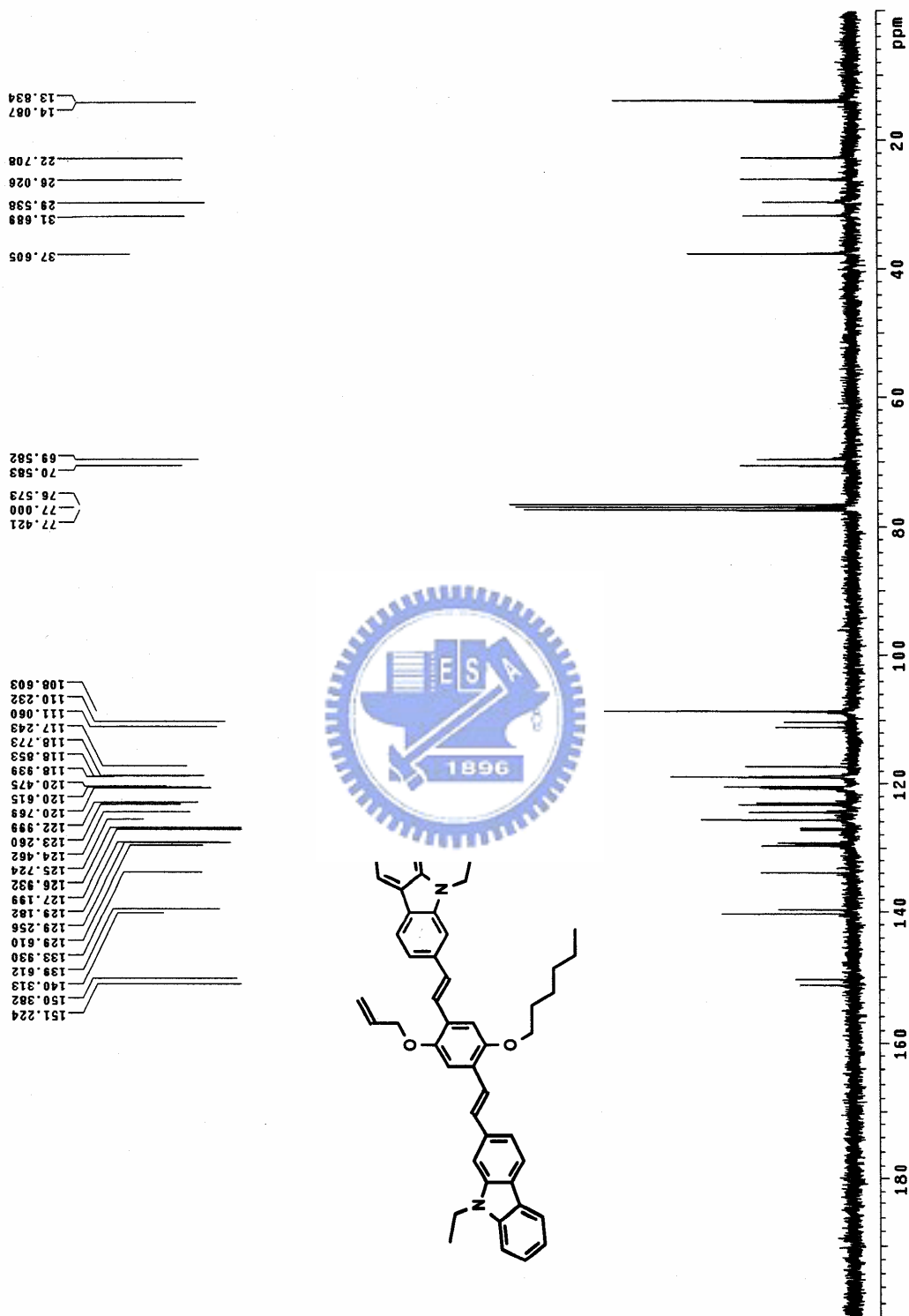
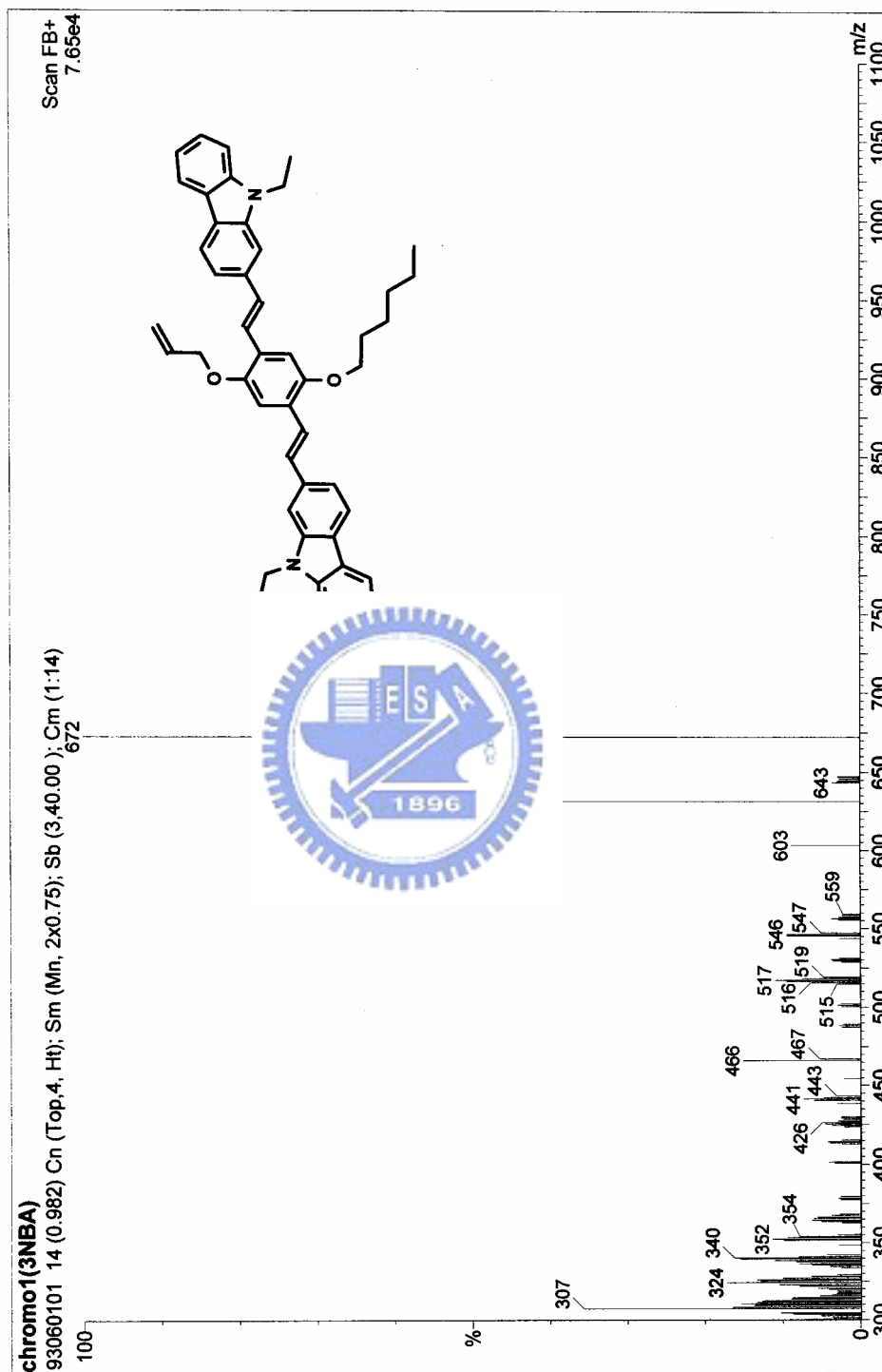


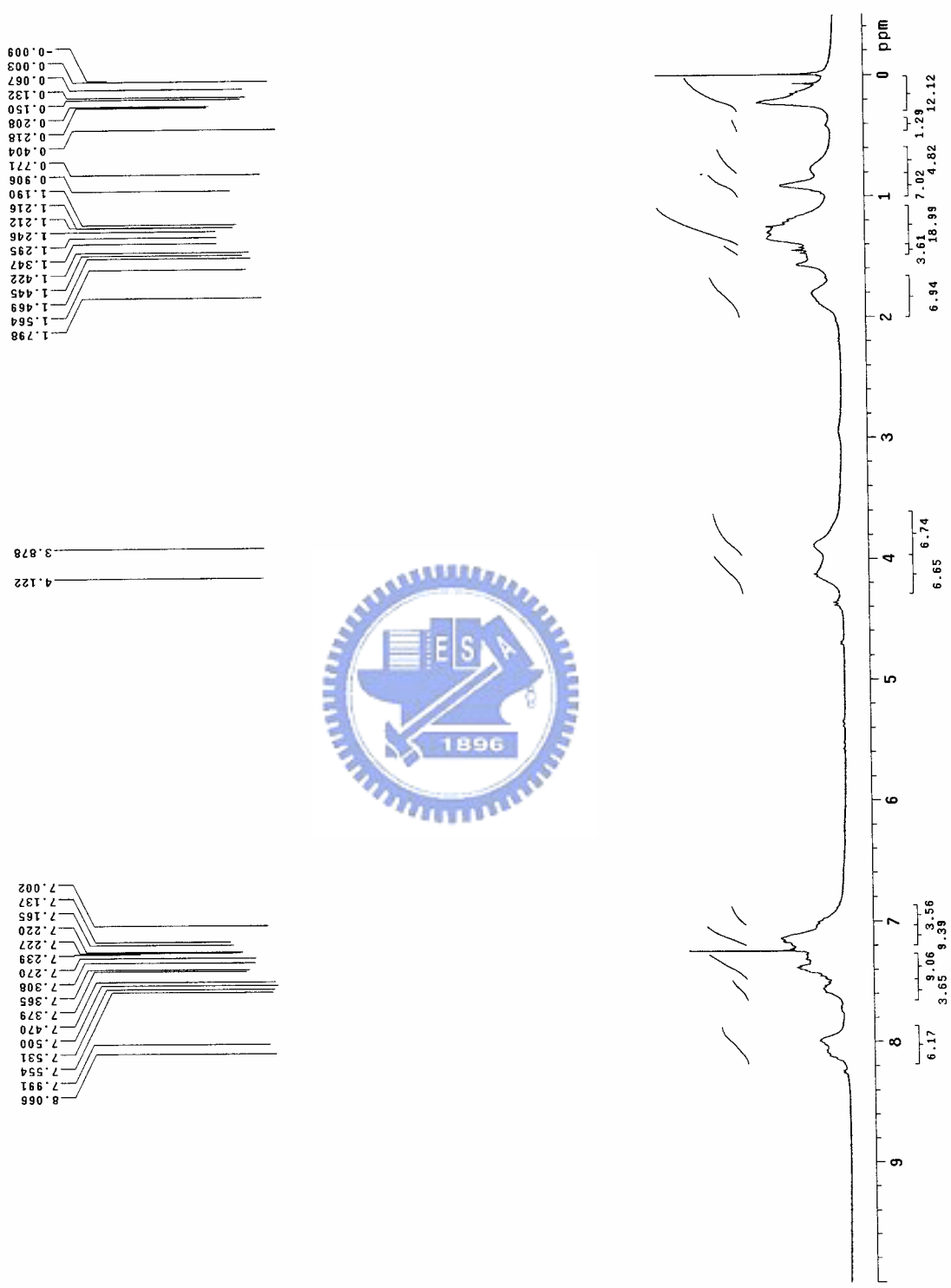
附圖 1 ¹H-NMR of C-1



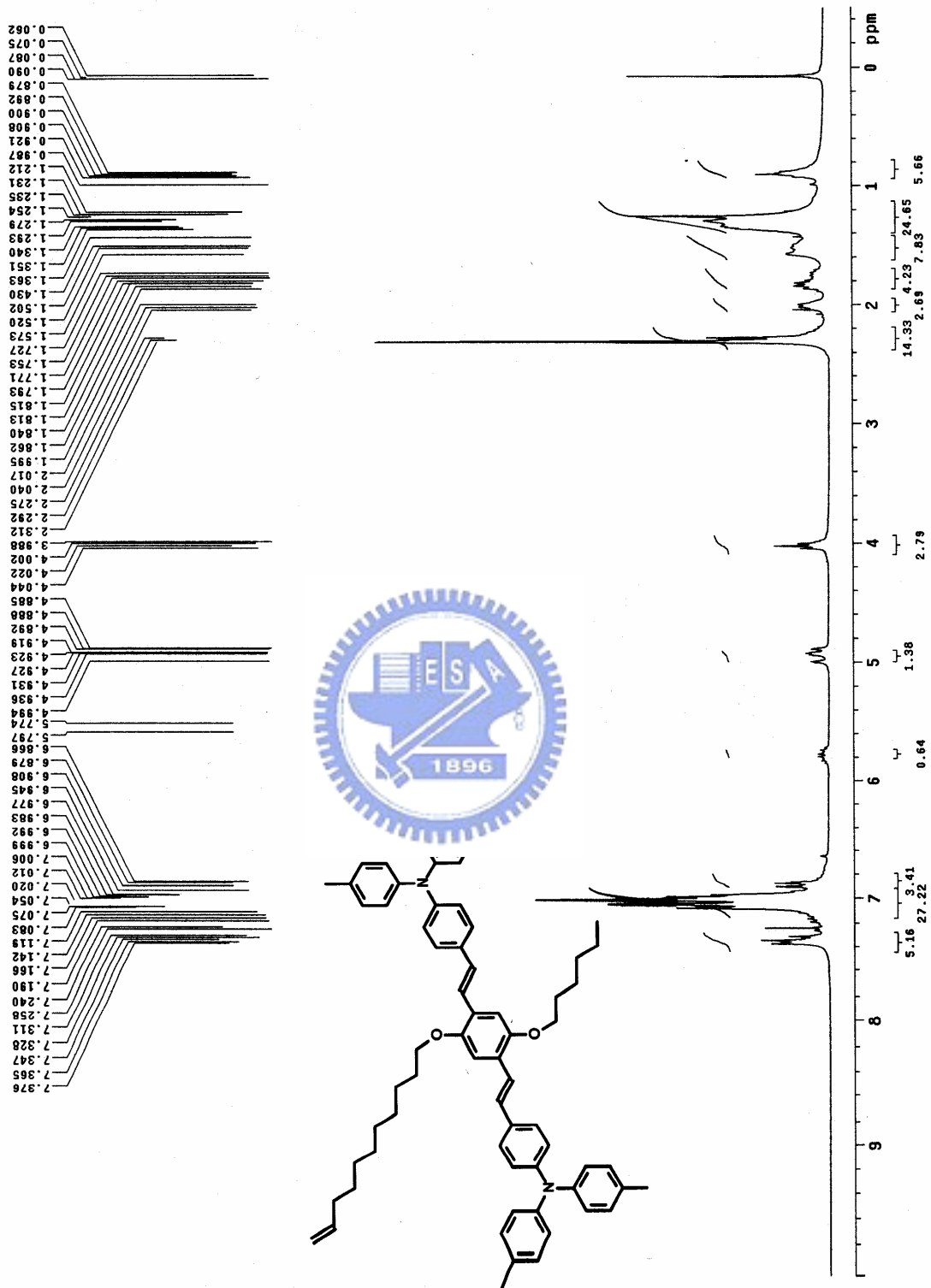
附圖 2 ^{13}C -NMR of C-1



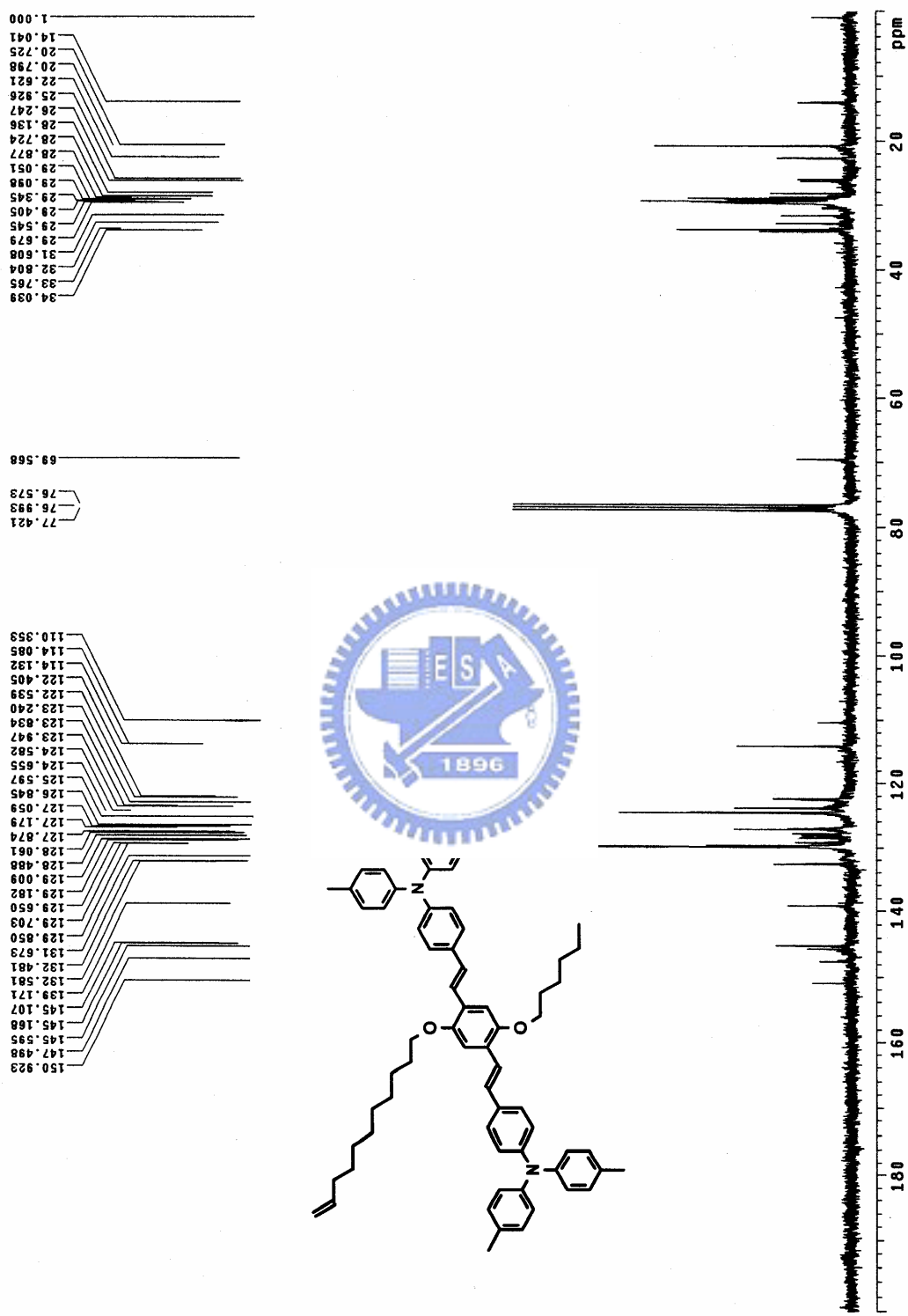
附圖 3 Mass spectrum of C-1



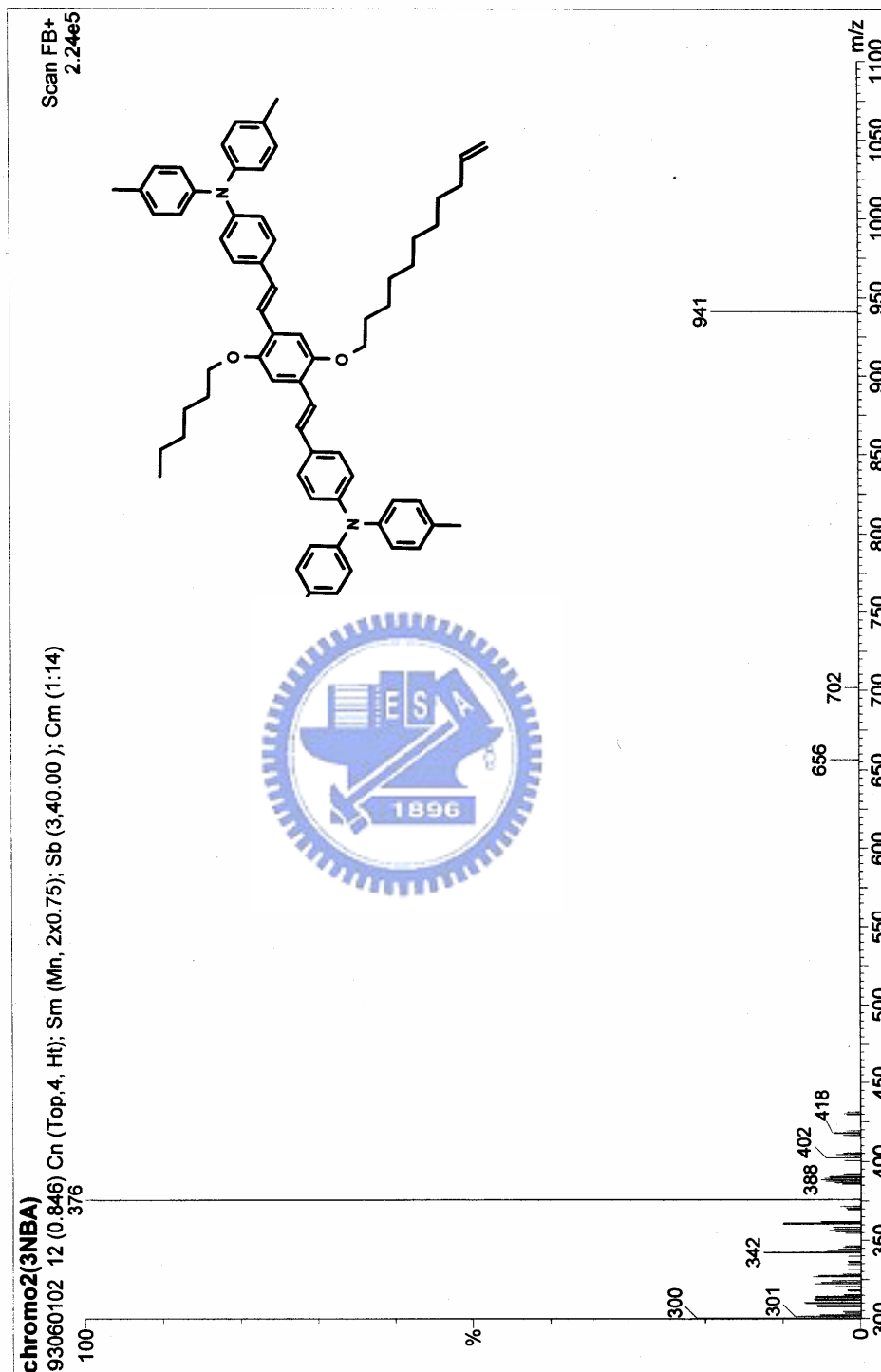
附圖 4 $^1\text{H-NMR}$ of POSS 1



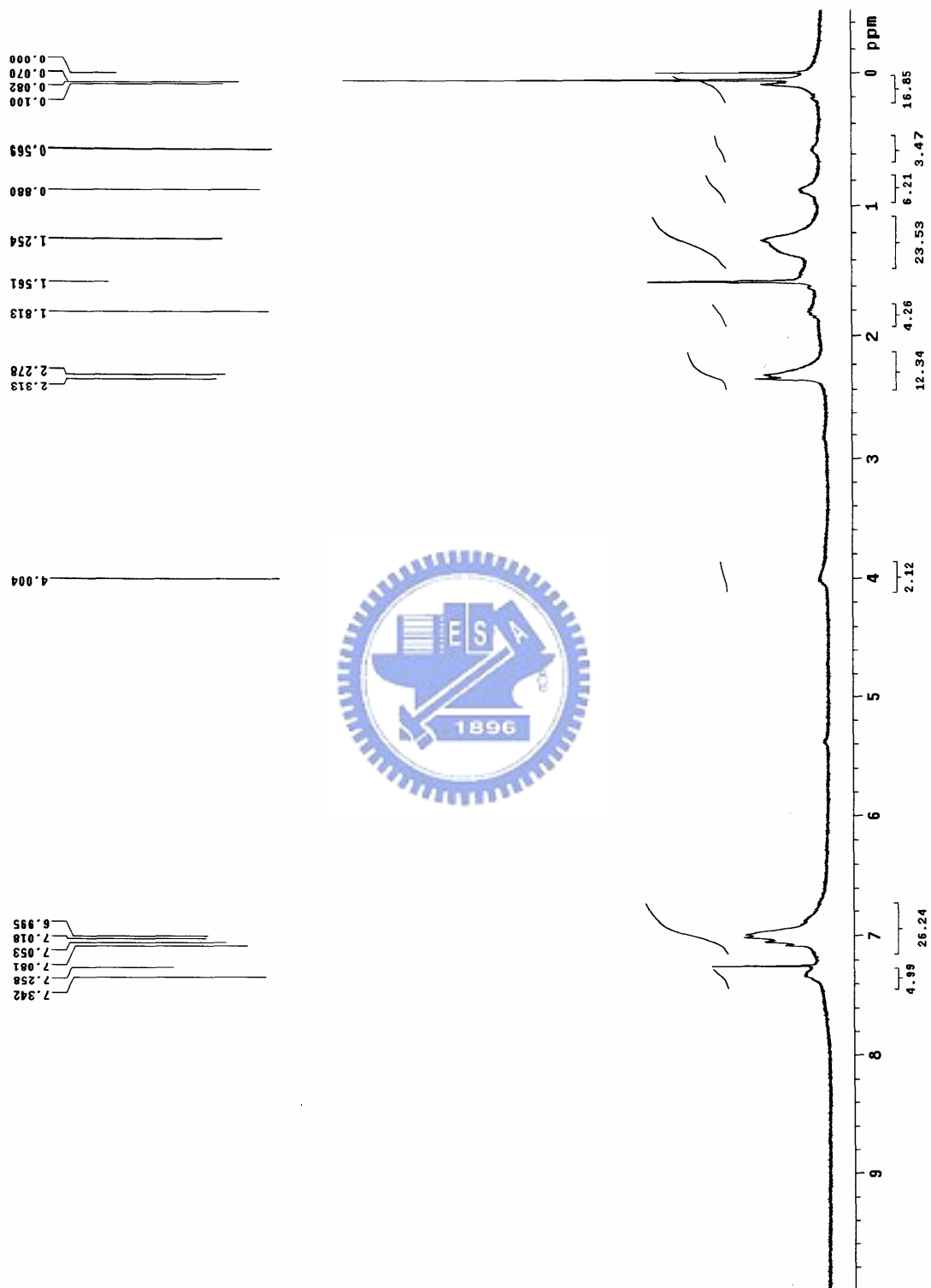
附圖 5 ¹H-NMR of C-2



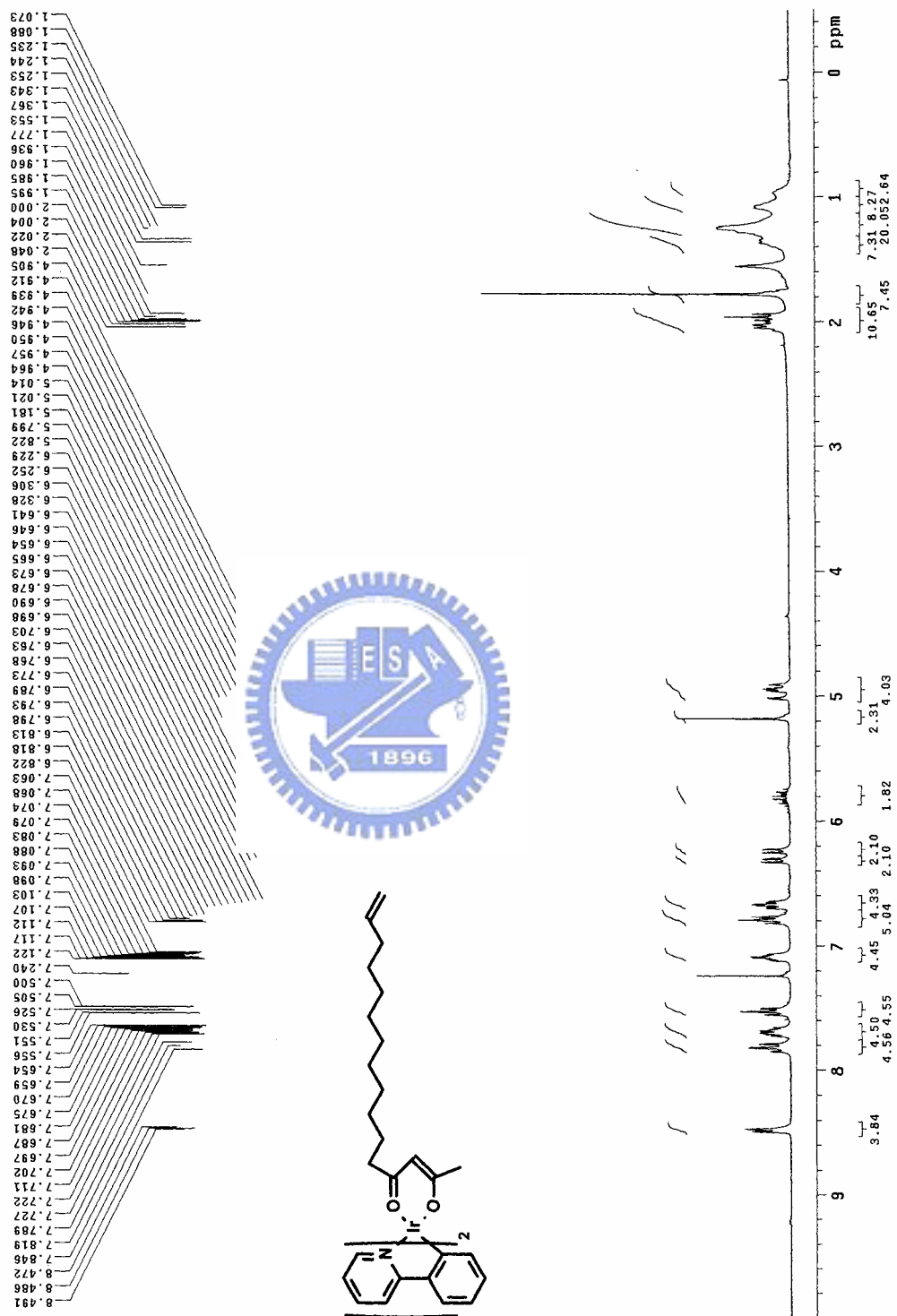
附圖 6 $^{13}\text{C-NMR}$ of C-2



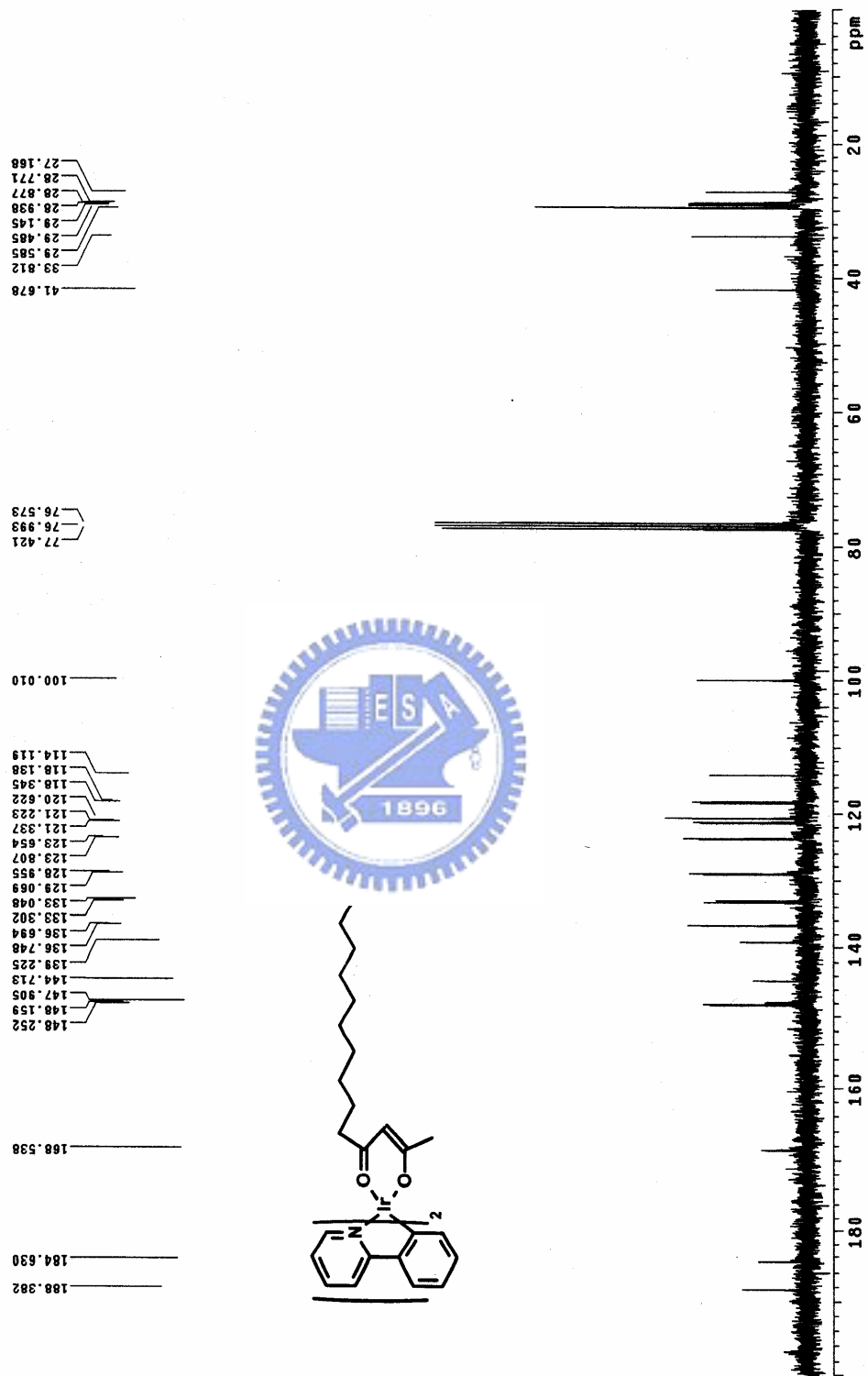
附圖 7 Mass spectrum of C-2



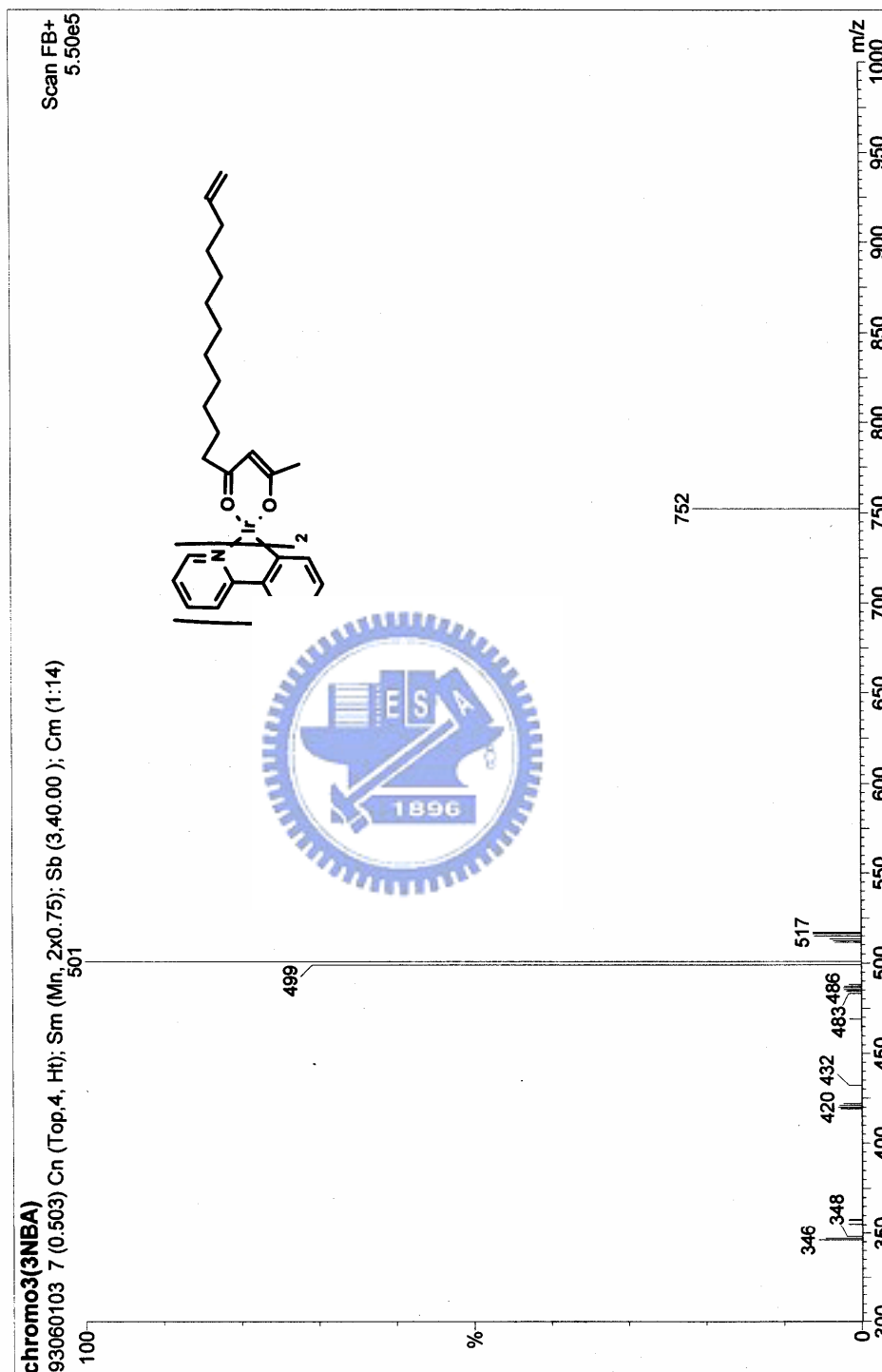
附圖 8 $^1\text{H-NMR}$ of POSS 2



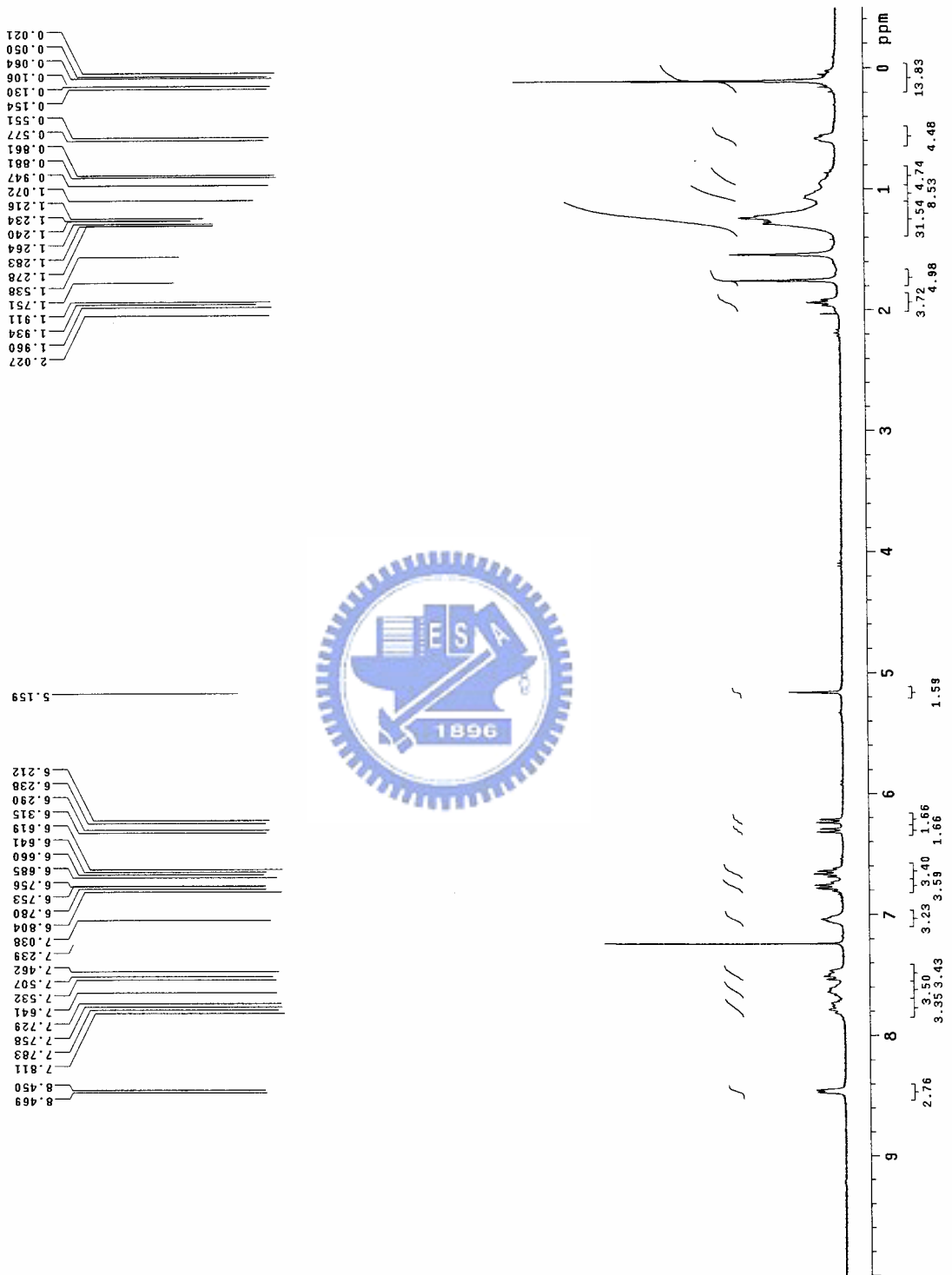
附圖 9 $^1\text{H-NMR}$ of C-3



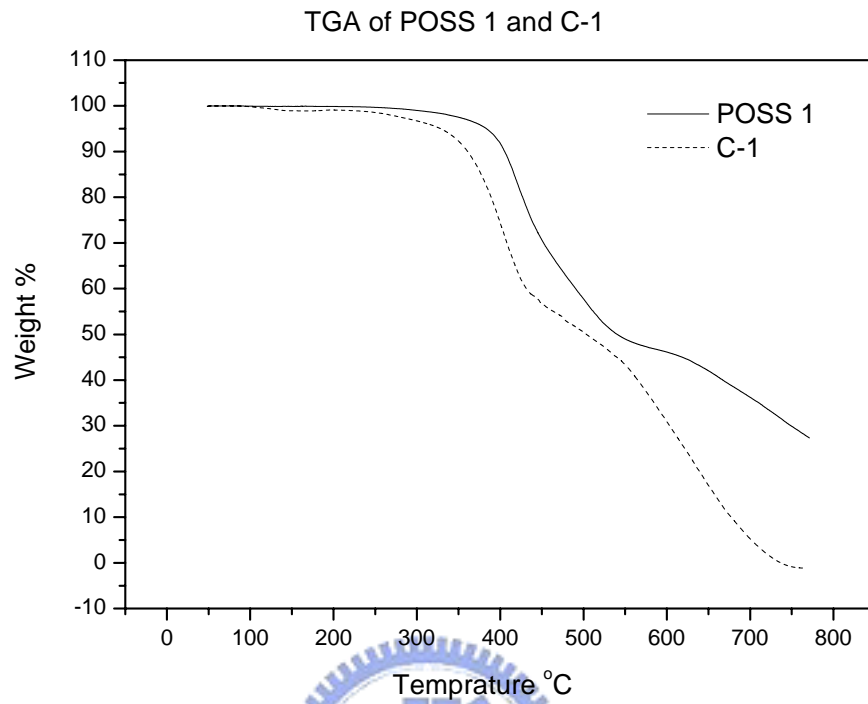
附圖 10 $^{13}\text{C-NMR}$ of C-3



附圖 11 Mass spectrum of C-3



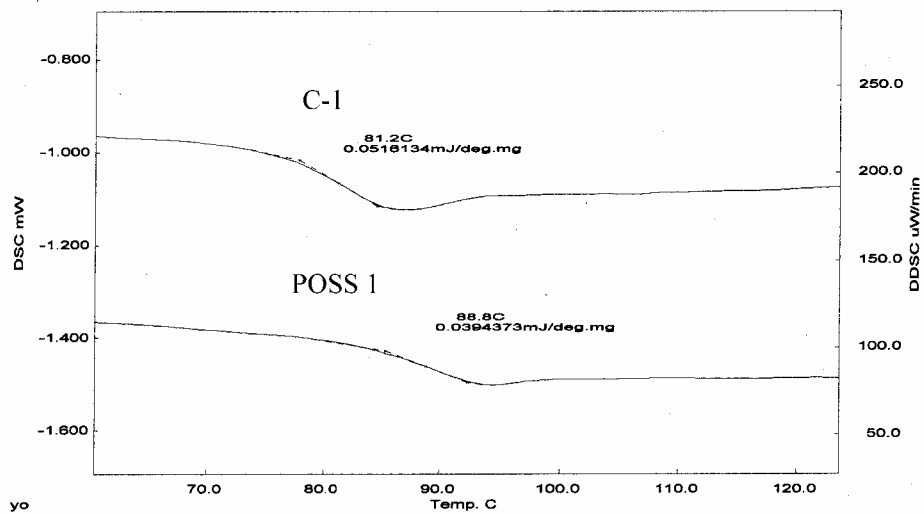
附圖 12 $^1\text{H-NMR}$ of POSS 3



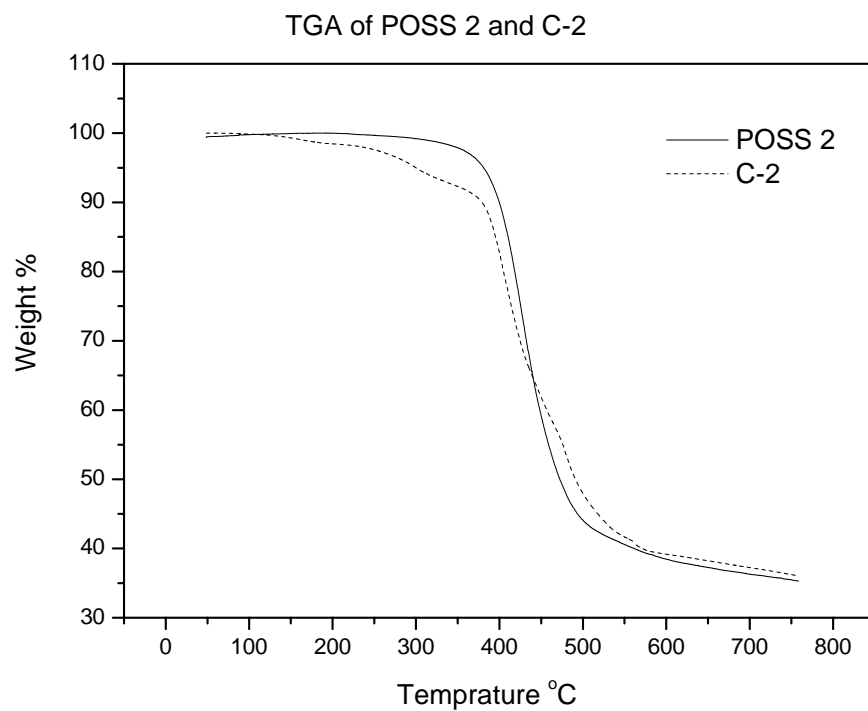
附圖 13 TGA of C-1 and POSS 1

```

<< DSC >>
Data Name:POSS-H1-HEATING2-1
Date: 4/3/24 18:15
Sample: poss-h1
Reference: Al
Temperature Program:
[C] [C/min] [min] [sec]
1* 30 - 300 20 1 0.5
2* 300 - 0 40 1 0.5
3* 0 - 300 20 1 0.5
4* 300 - 25 40 0 0.5
Comments:
Operator chang
  
```



附圖 14 DSC of C-1 and POSS 1

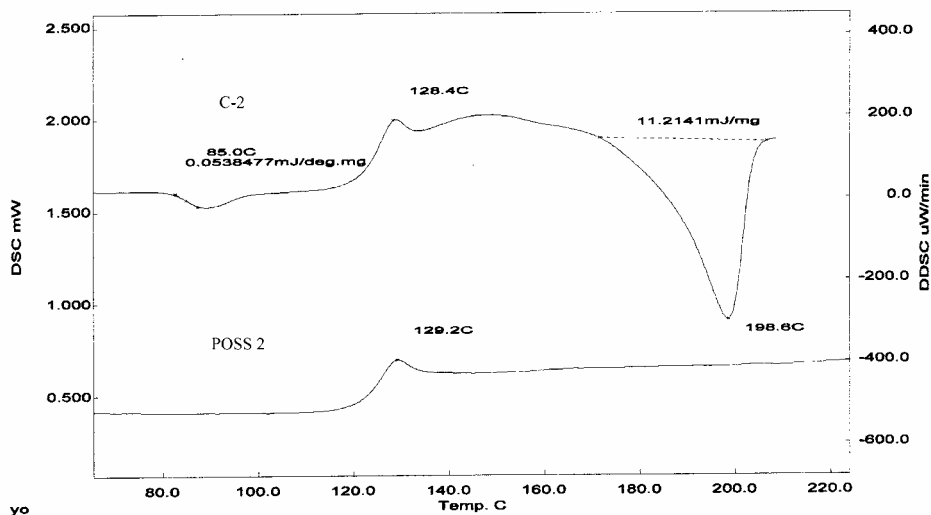


附圖 15 TGA of C-2 and POSS 2

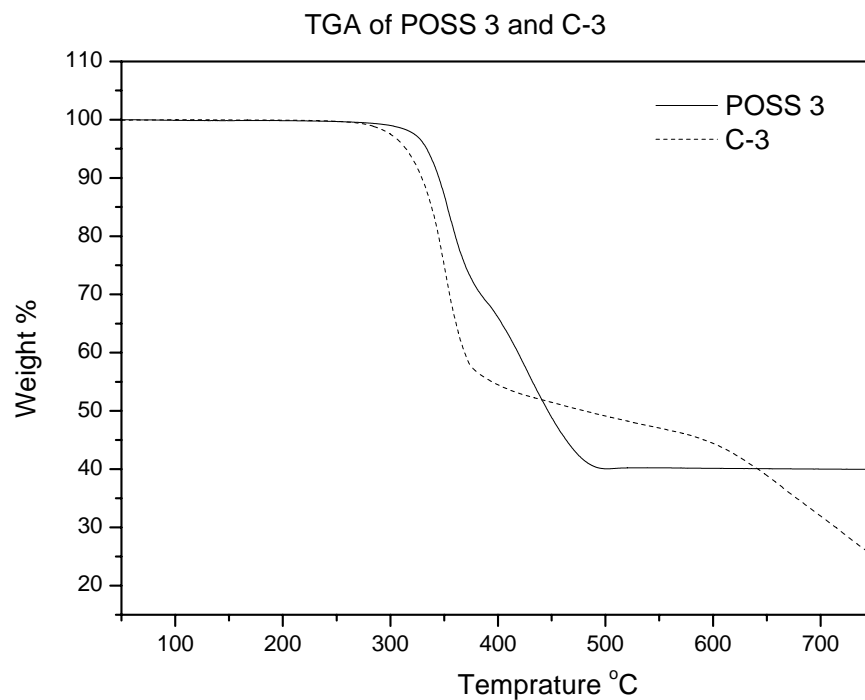
<< DSC >>
 Data Name: POSS-HOST2-1
 Date: 4/ 3/29 18:56
 Sample: poss-host2-1
 Reference: Al
 4.09 mg
 0 mg

Temperature Program:				
	1*	2*	3*	4*
	30	300	0	300
	[C]	[C]	[C]	[C]
	20	40	20	25
	[min]	[min]	[min]	[min]
	1	1	1	0
	0.5	0.5	0.5	0.5
	[sec]	[sec]	[sec]	[sec]

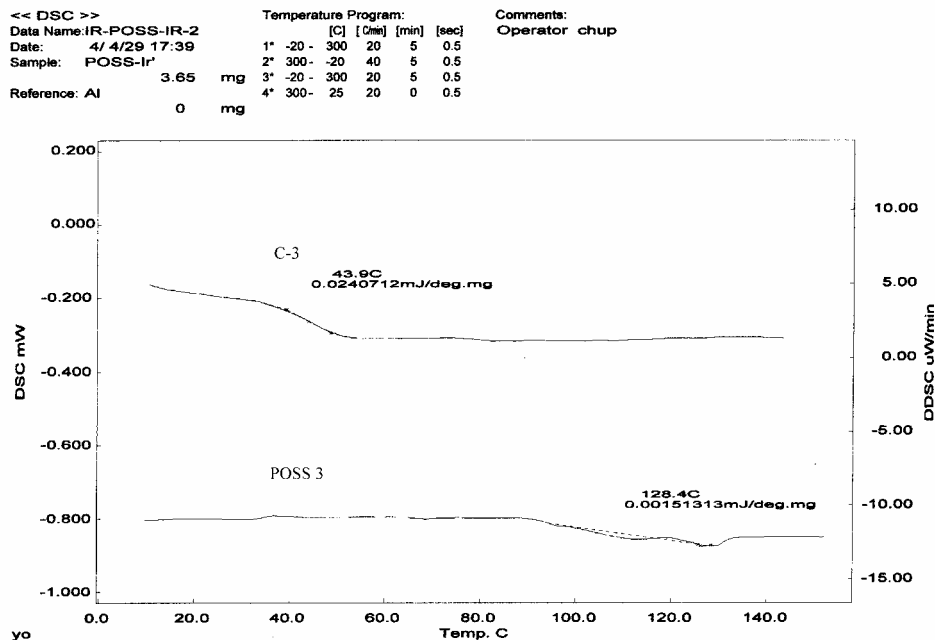
Comments:
Operator: chup



附圖 16 DSC of C-2 and POSS 2



附圖 17 TGA of C-3 and POSS 3



附圖 18 DSC of C-3 and POSS 3