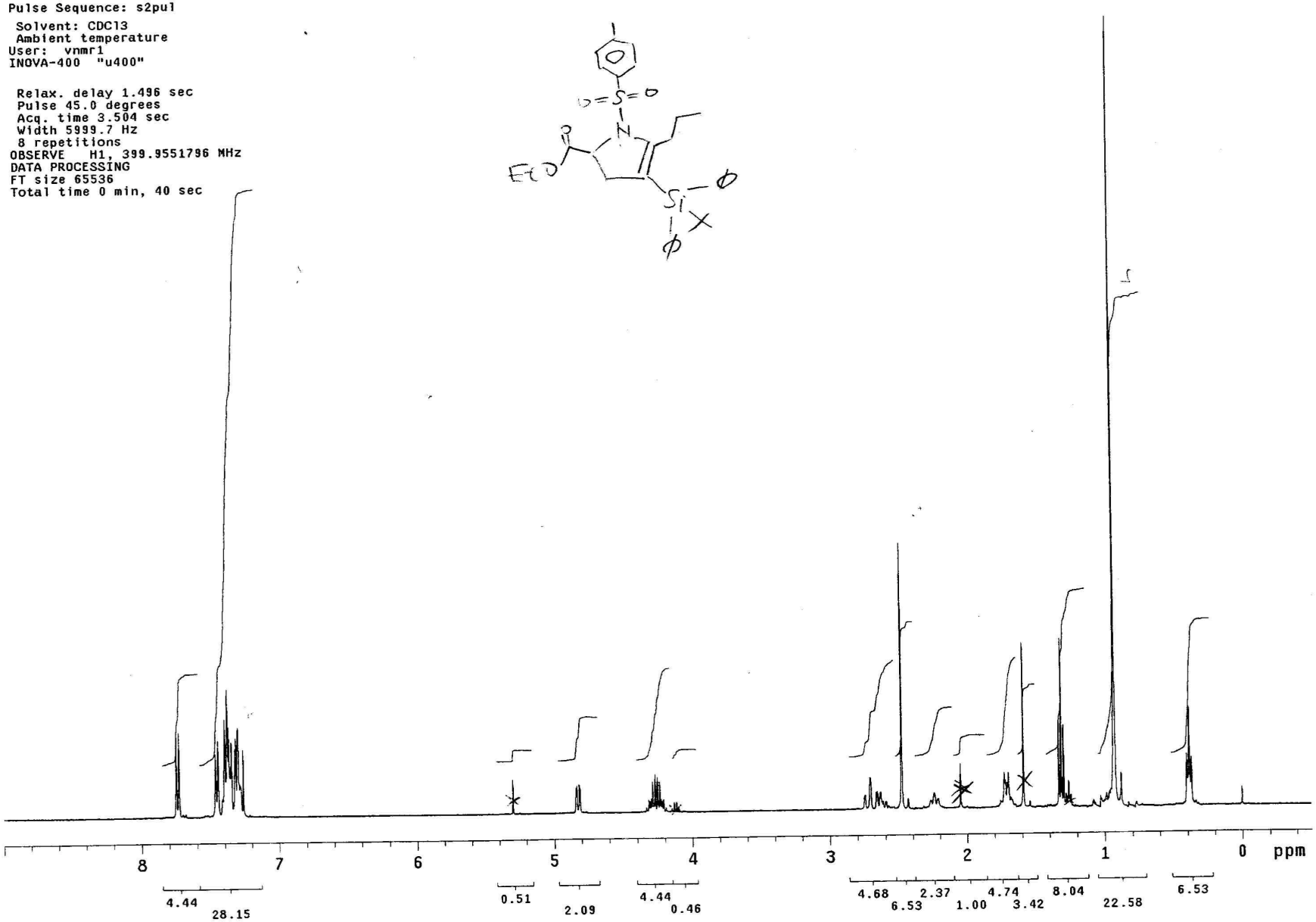
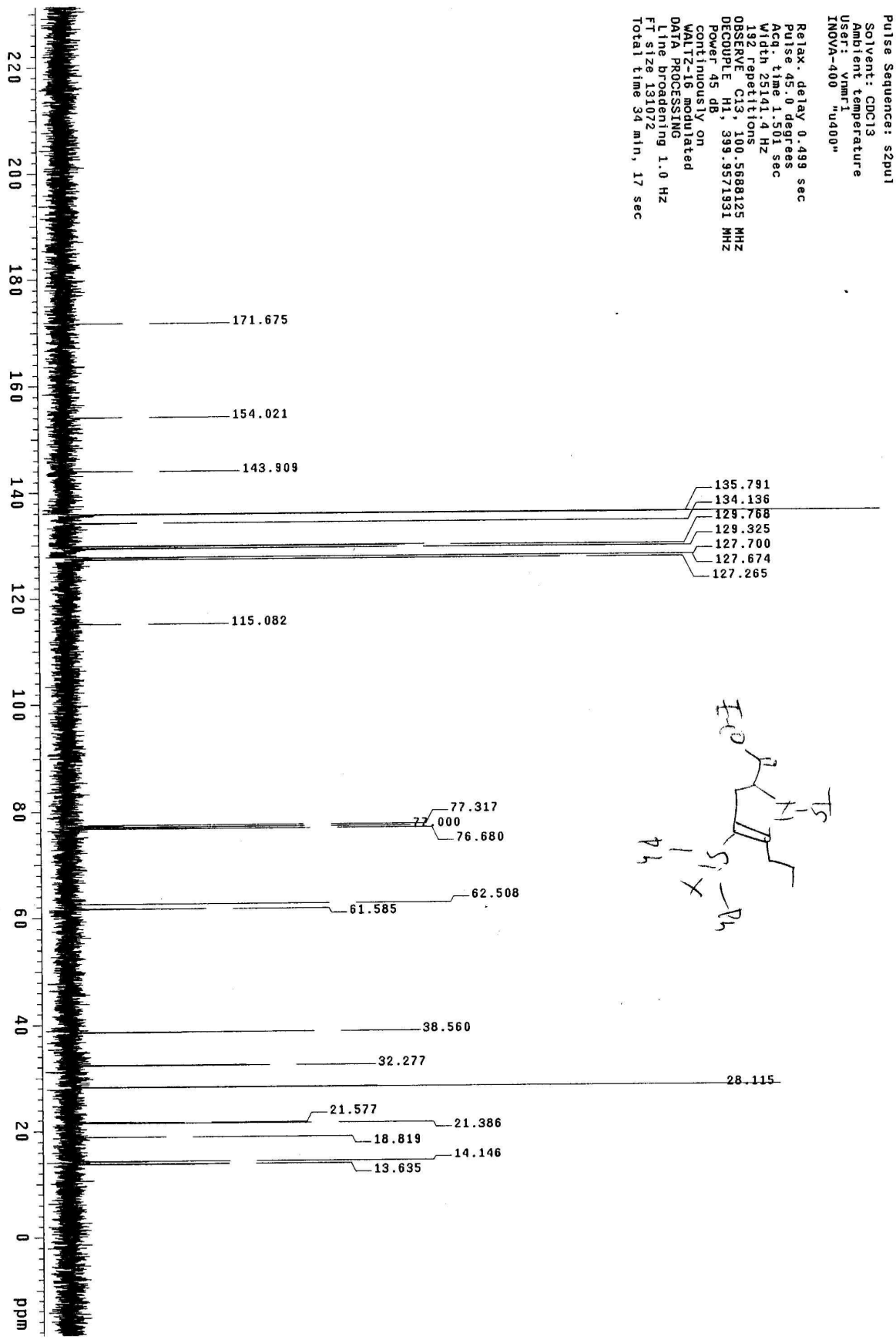
daidouji
5-113-fra1

Pulse Sequence: s2pul
Solvent: CDCl3
Ambient temperature
User: vnmr1
INOVA-400 "u400"

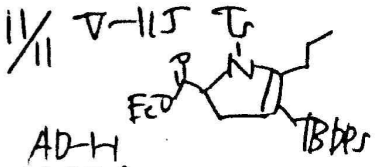
Relax. delay 1.496 sec
Pulse 45.0 degrees
Acq. time 3.504 sec
Width 5999.7 Hz
8 repetitions
OBSERVE H1, 399.9551796 MHz
DATA PROCESSING
FT size 65536
Total time 0 min, 40 sec



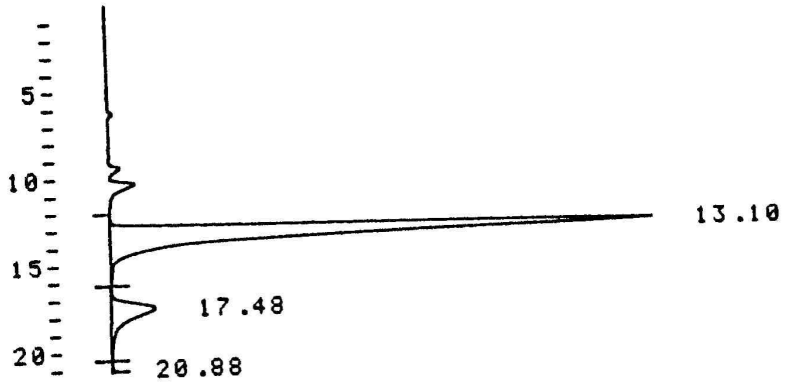

daidouji
5-113-fra1
Pulse Sequence: s2pul
Solvent: CDCl3
Ambient temperature
User: vnmr1
INOVA-400 "u400"
Relax. delay 0.499 sec
Pulse 45.0 degrees
Acq. time 1.501 sec
width 25141.4 Hz
192 repetitions
OBSERVE C13, 100.5688125 MHz
DECOUPLE H1, 399.9571931 MHz
Power 45 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
FT size 131072
Total time 34 min, 17 sec
171.675
154.021
143.909
135.791
134.136
129.768
129.325
127.700
127.674
127.265
115.082
77.317
77.000
76.680
62.508
61.585
38.560
32.277
28.115
21.577
21.386
18.819
14.146
13.635
ppm

CH. 1 C.S 2.50 ATT 7 OFFS 0 00/00/00 00:49

11/11 V-11J



AD-H
H/E 60:1
WL221
Flow 0.5



00/00/00 00:49

D-2500

METHOD: TAG: 1 CH: 1

FILE: 5 CALC-METHOD: AREA% TABLE: 0 CONC: AREA

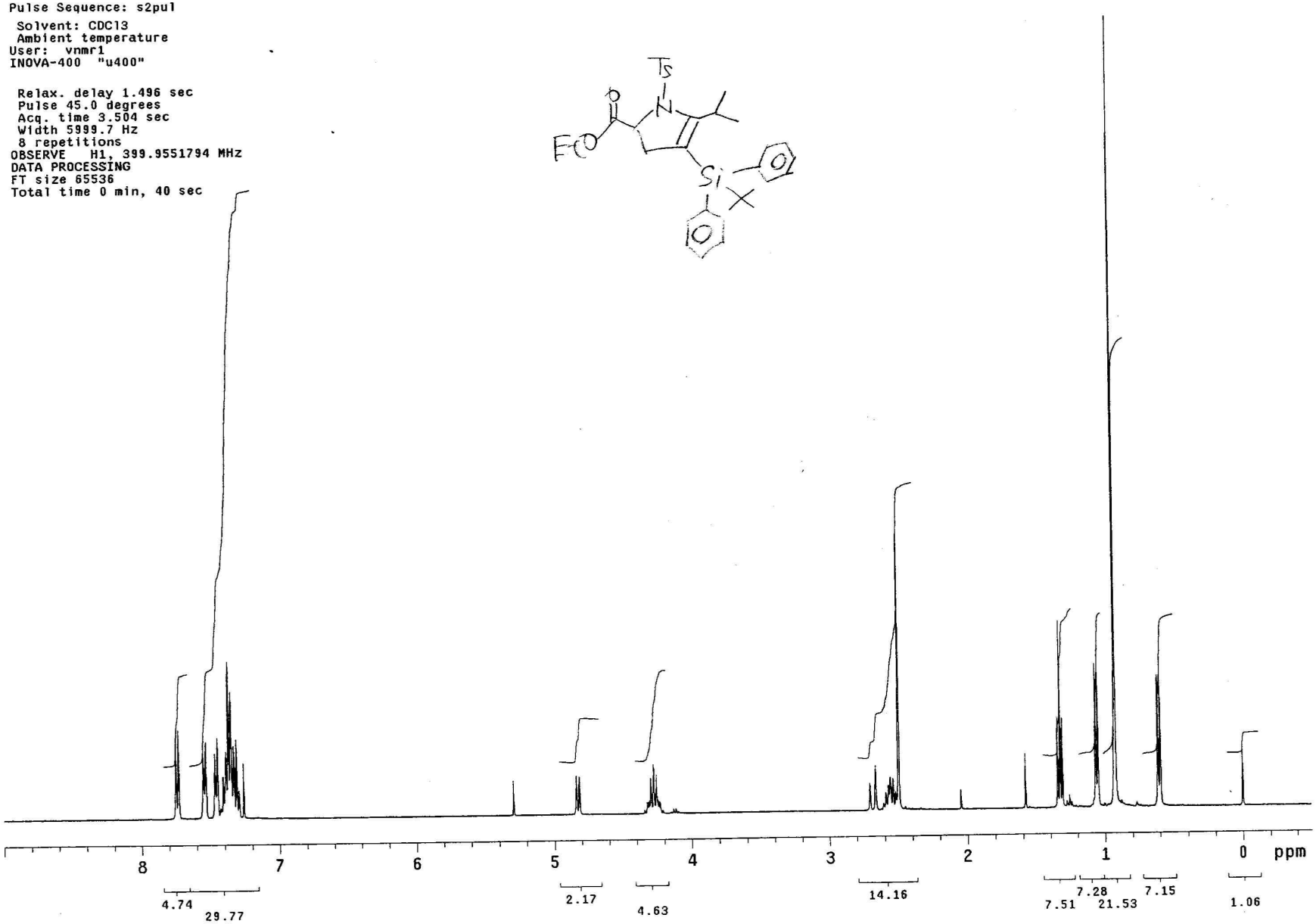
NO.	RT	AREA	CONC	BC
1	13.10	2419228	88.328	BV
2	17.48	319210	11.655	VB
3	20.88	461	0.017	BB
TOTAL		2738899	100.000	

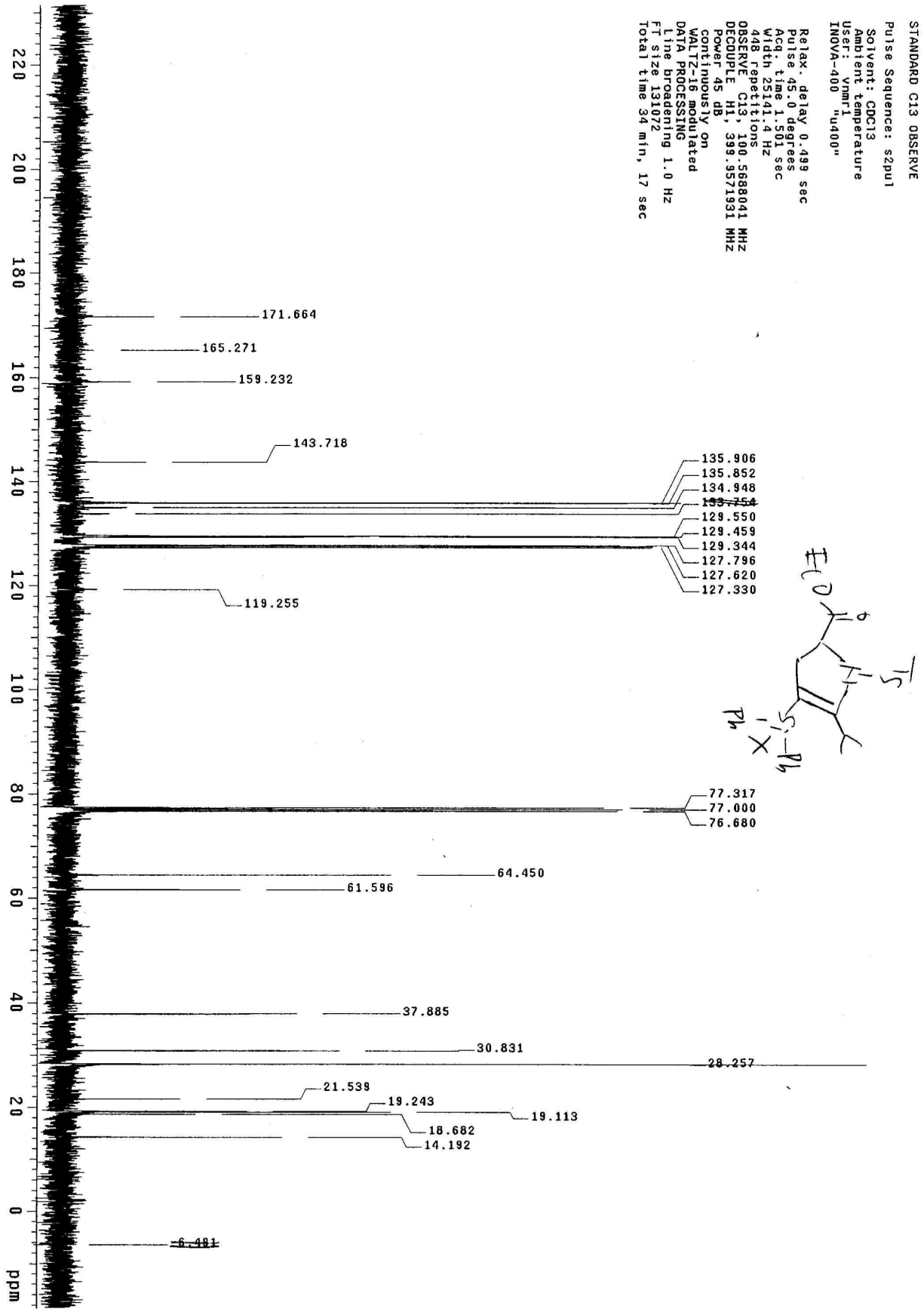
PEAK REJ : 0

daidouji
6-68-fra2

Pulse Sequence: s2pul
Solvent: CDCl3
Ambient temperature
User: vnmr1
INOVA-400 "u400"

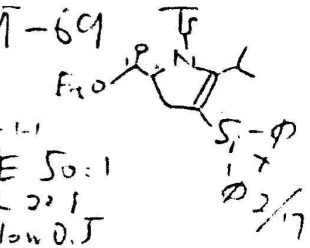
Relax. delay 1.496 sec
Pulse 45.0 degrees
Acq. time 3.504 sec
Width 5999.7 Hz
8 repetitions
OBSERVE H1, 399.9551794 MHz
DATA PROCESSING
FT size 65536
Total time 0 min, 40 sec



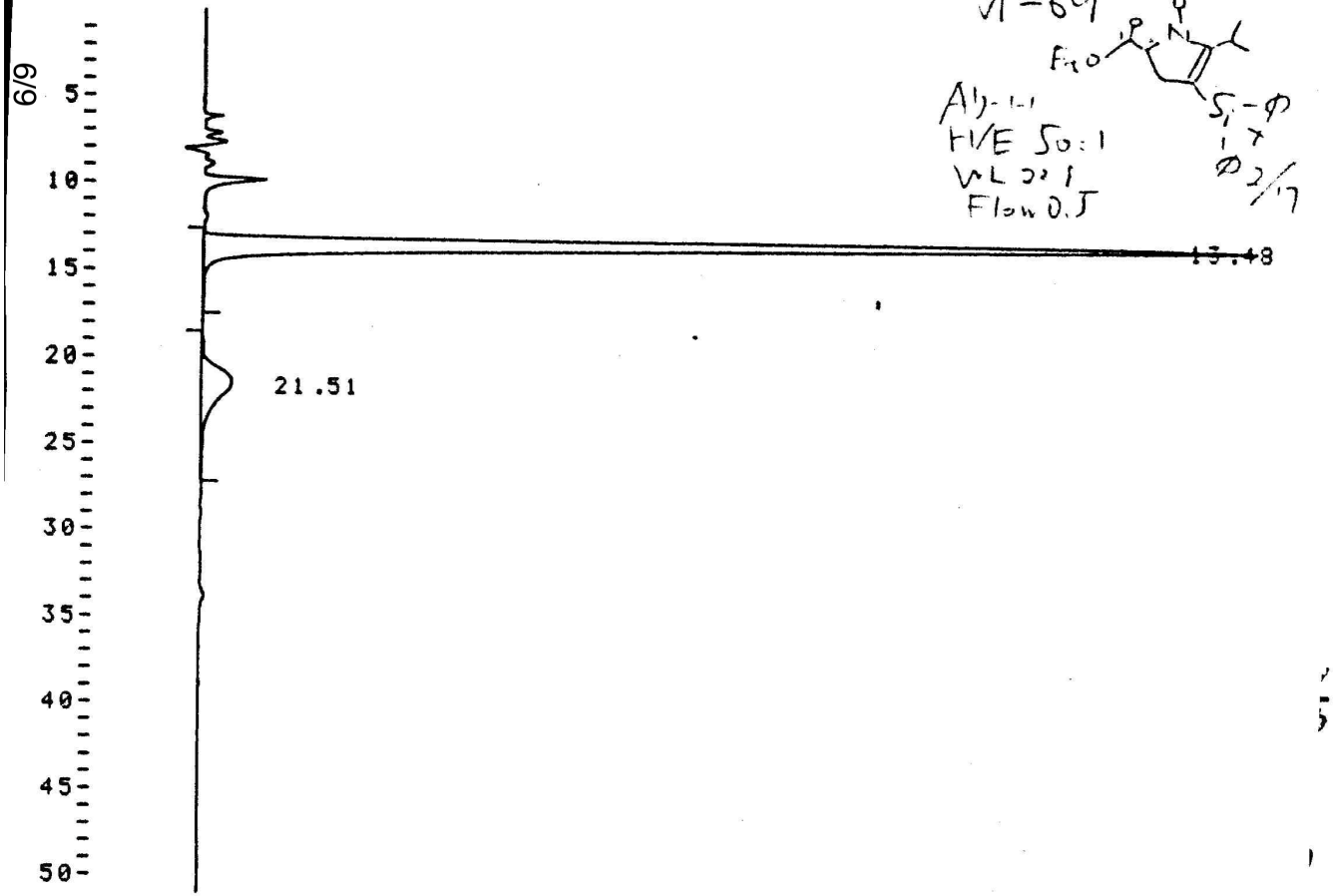

STANDARD C13 OBSERVE
Pulse Sequence: s2pul
Solvent: CDCl3
Ambient temperature
User: vnmr1
INOVA-400 "u400"
Relax. delay 0.499 sec
Pulse 45.0 degrees
Acq. time 1.501 sec
Width 25141.4 Hz
448 repetitions
OBSERVE C13, 100.5688041 MHz
DECOUPLE H1, 399.9571931 MHz
Power 45 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
FT size 131072
Total time 34 min, 17 sec
171.664
165.271
159.232
143.718
135.906
135.852
134.948
133.754
129.550
129.459
129.344
127.796
127.620
127.330
119.255
77.317
77.000
76.680
64.450
61.596
37.885
30.831
28.257
21.539
19.243
19.113
18.682
14.192
-6.481
ppm

CH. 1 C.S 2.50 ATT 7 OFFS 5 00/00/00 02:40

VI-69



Alg-1-1
H/E 50:1
VL 2:1
Flow 0.5



D-2500 00/00/00 02:40

METHOD: TAG: 1 CH: 1

FILE: 5 CALC-METHOD: AREA% TABLE: 0 CONC: AREA

NO.	RT	AREA	CONC	BC
1	13.48	4003876	88.727	BB
2	21.51	508705	11.273	BB
TOTAL		4512581	100.000	

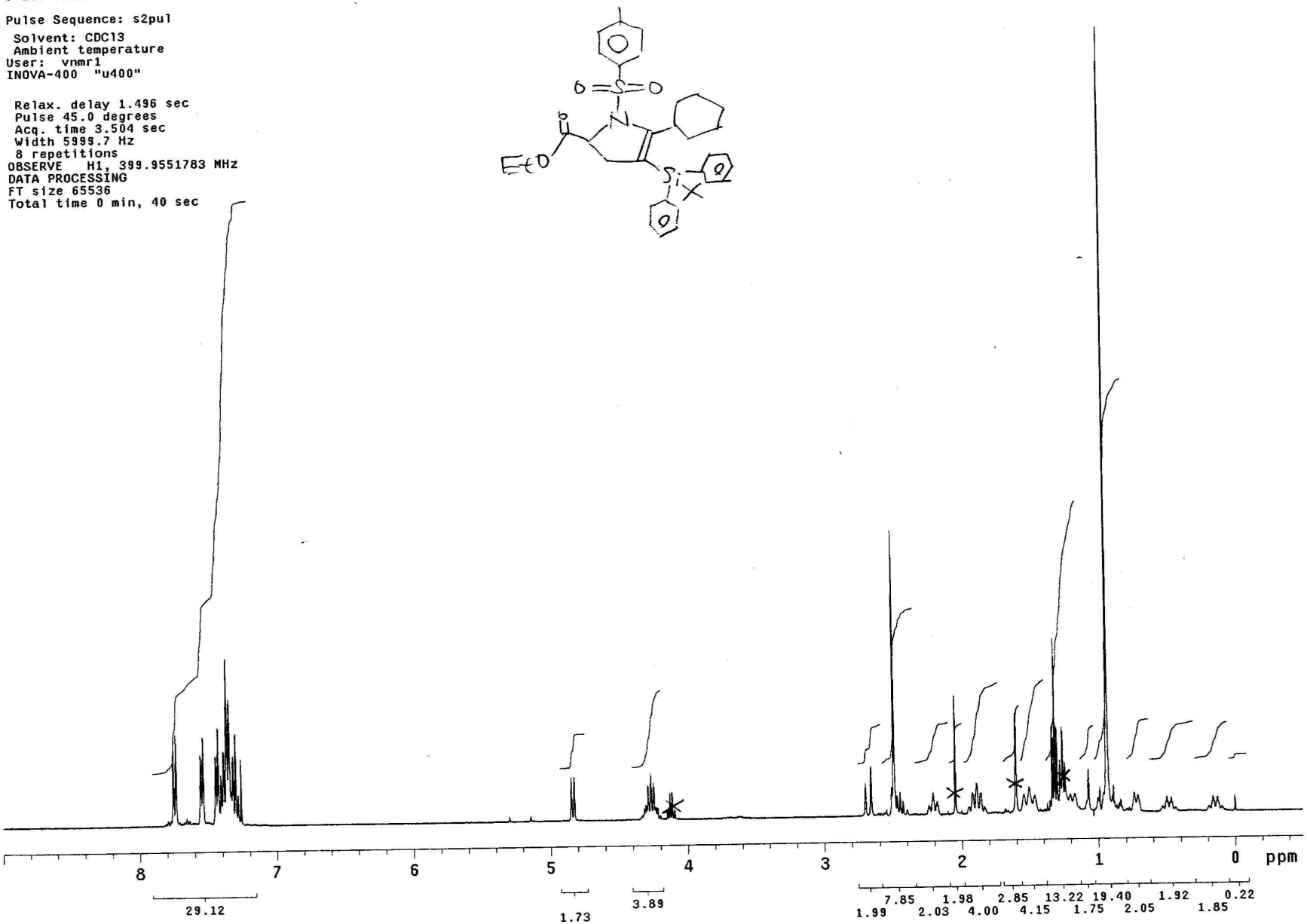
PEAK REJ : 0

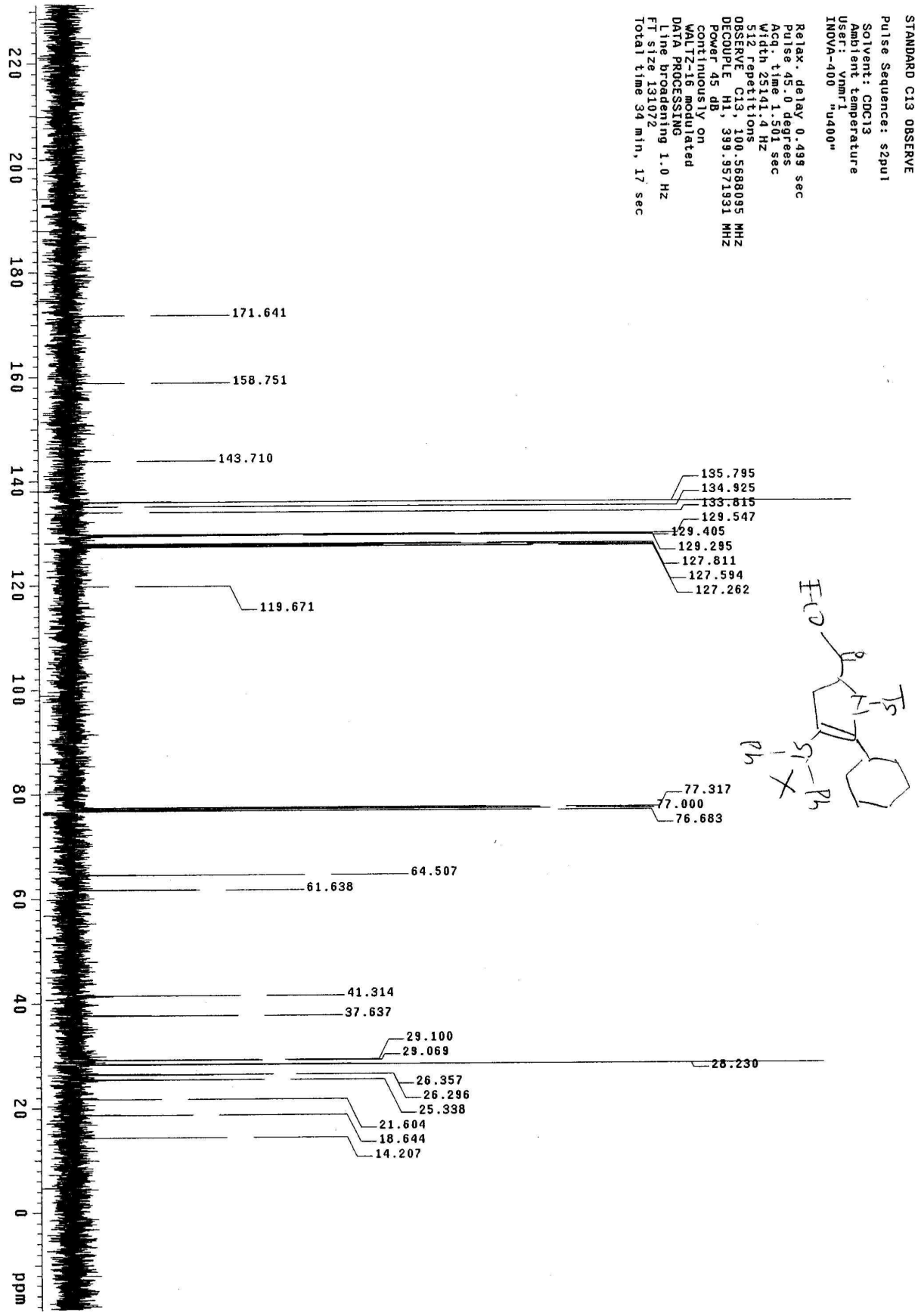
78% ee

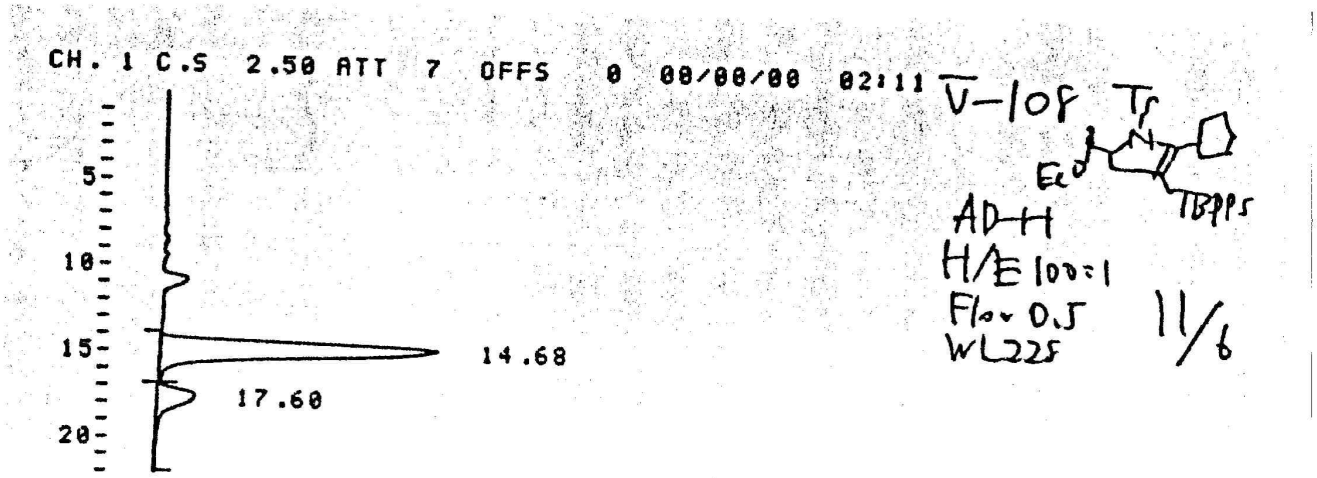
daidouji
5-108-fra2

Pulse Sequence: s2pul
Solvent: CDCl3
Ambient temperature
User: vnmr1
INOVA-400 "u400"

Relax. delay 1.496 sec
Pulse 45.0 degrees
Acq. time 3.504 sec
Width 5999.7 Hz
8 repetitions
OBSERVE H1, 399.9551783 MHz
DATA PROCESSING
FT size 65536
Total time 0 min, 40 sec




STANDARD C13 OBSERVE
Pulse Sequence: s2pul
Solvent: CDCl3
Ambient temperature
User: vnmr1
INOVA-400 "u400"
Relax. delay 0.499 sec
Pulse 45.0 degrees
Acq. time 1.501 sec
Width 25141.4 Hz
512 repetitions
OBSERVE C13, 100.5688095 MHz
DECOUPLE H1, 399.9571931 MHz
Power 45 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
FT size 131072
Total time 34 min, 17 sec
171.641
158.751
143.710
135.795
134.925
133.815
129.547
129.405
129.295
127.811
127.594
127.262
119.671
77.317
77.000
76.683
64.507
61.638
41.314
37.637
29.100
29.069
28.230
26.357
26.296
25.338
21.604
18.644
14.207
ppm



D-2500

00/00/00 02:11

METHOD: TAG: 1 CH: 1

FILE: 5 CALC-METHOD: AREA% TABLE: 0 CONC: AREA

NO.	RT	AREA	CONC	BC
1	14.68	1779617	85.457	BV
2	17.60	302860	14.543	VB
TOTAL		2082477	100.000	

PEAK REJ : 0

71% ee