JOC The Journal of Organic Chemistry

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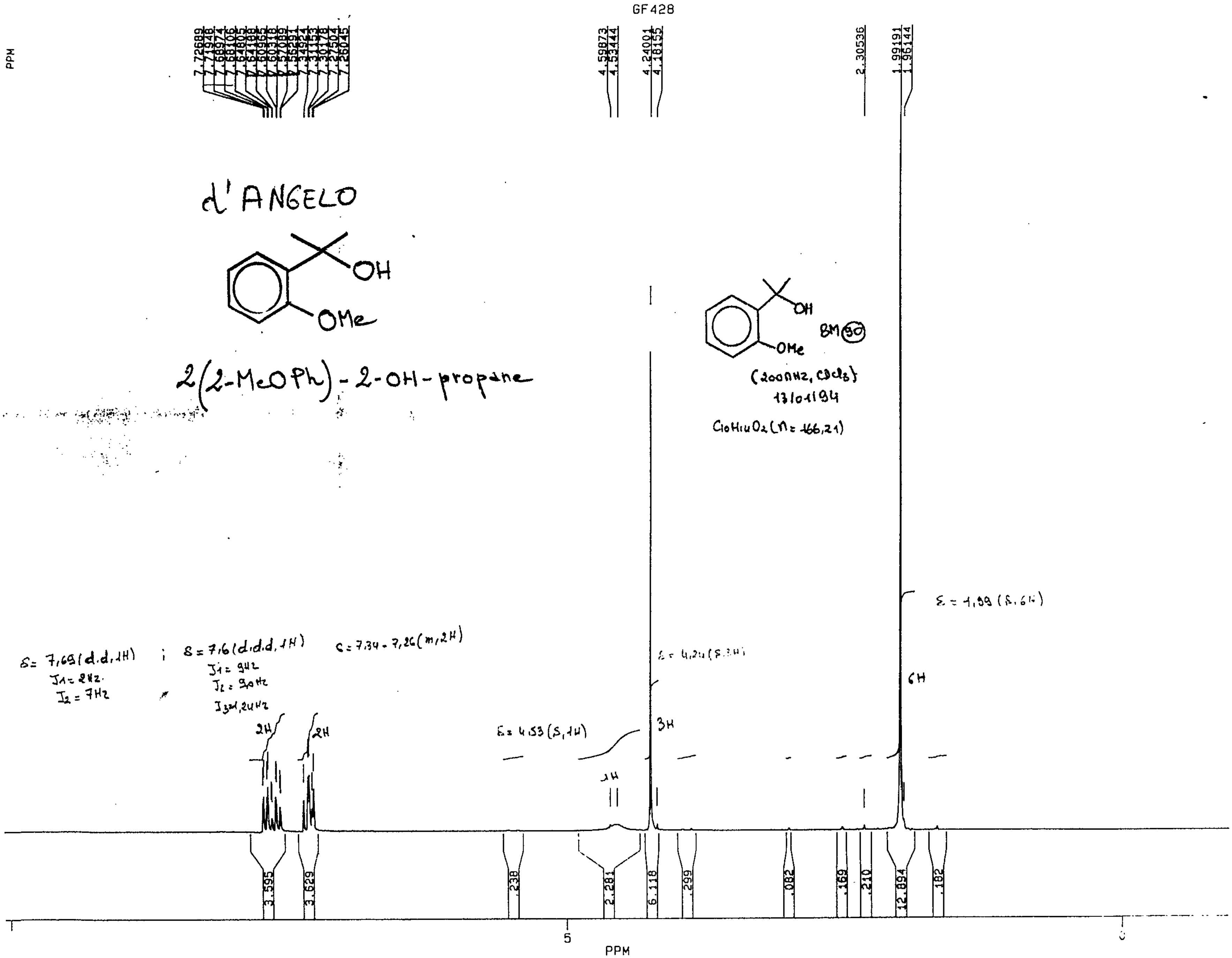

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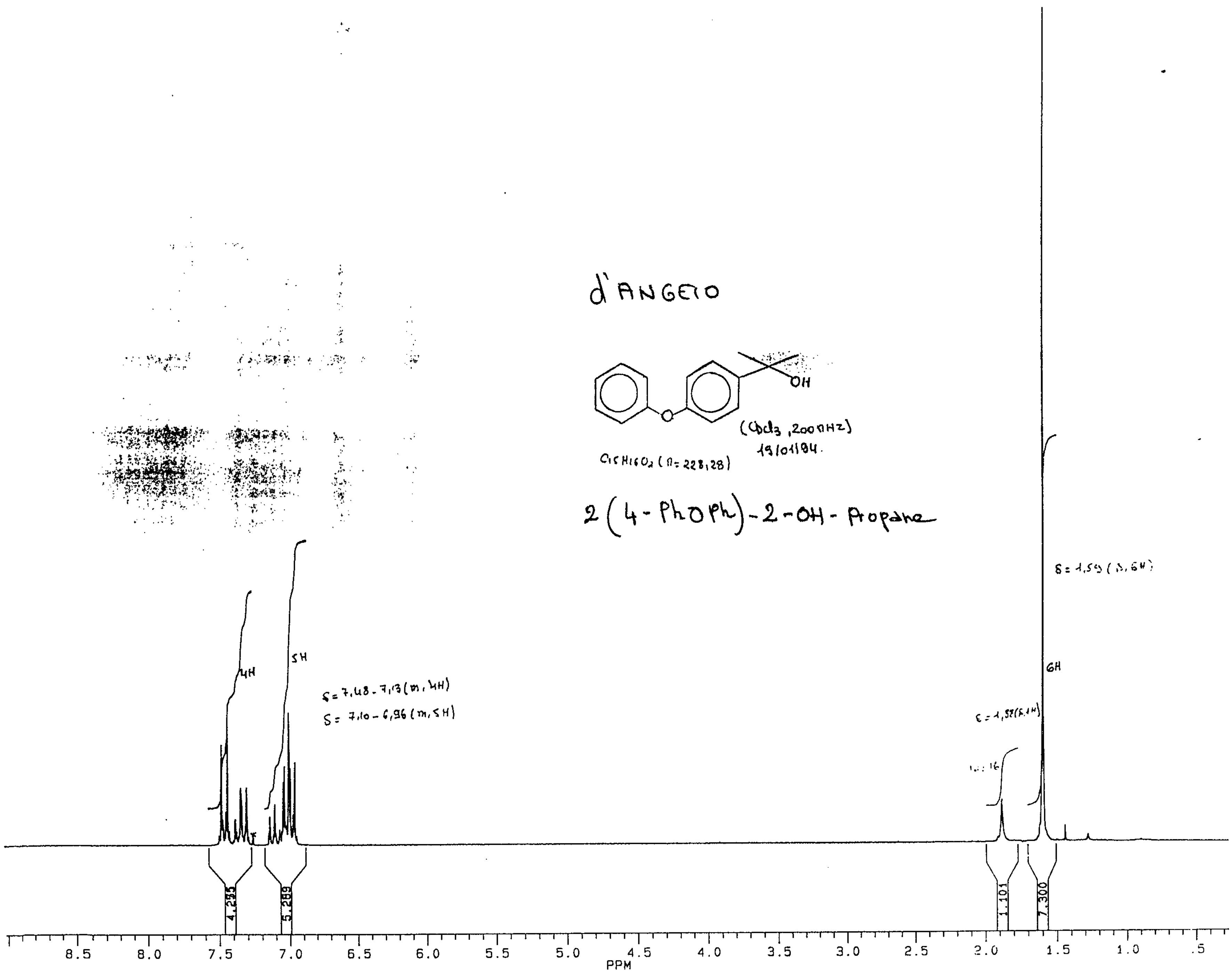

G 2304-2

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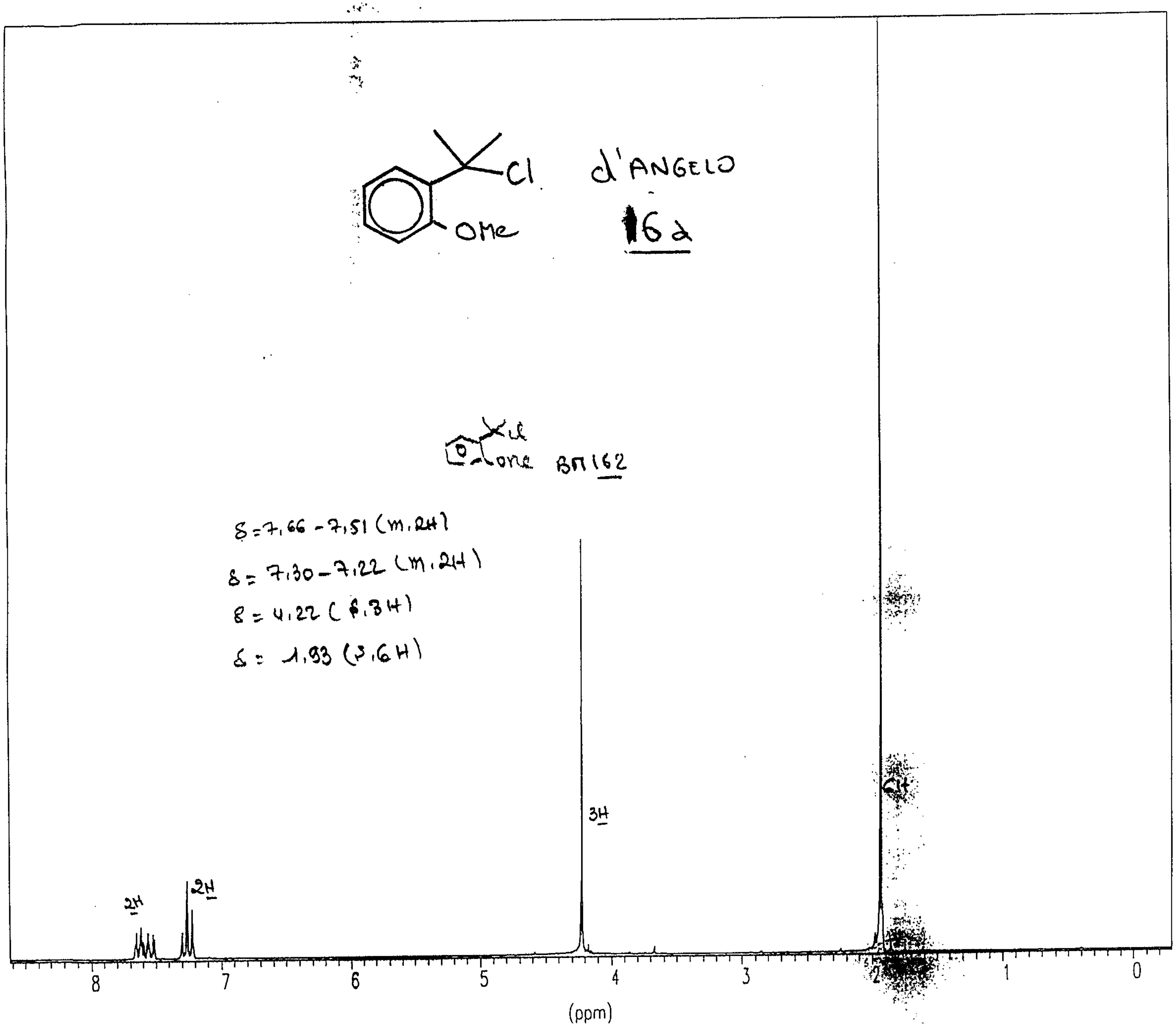

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16a

G 2304-3

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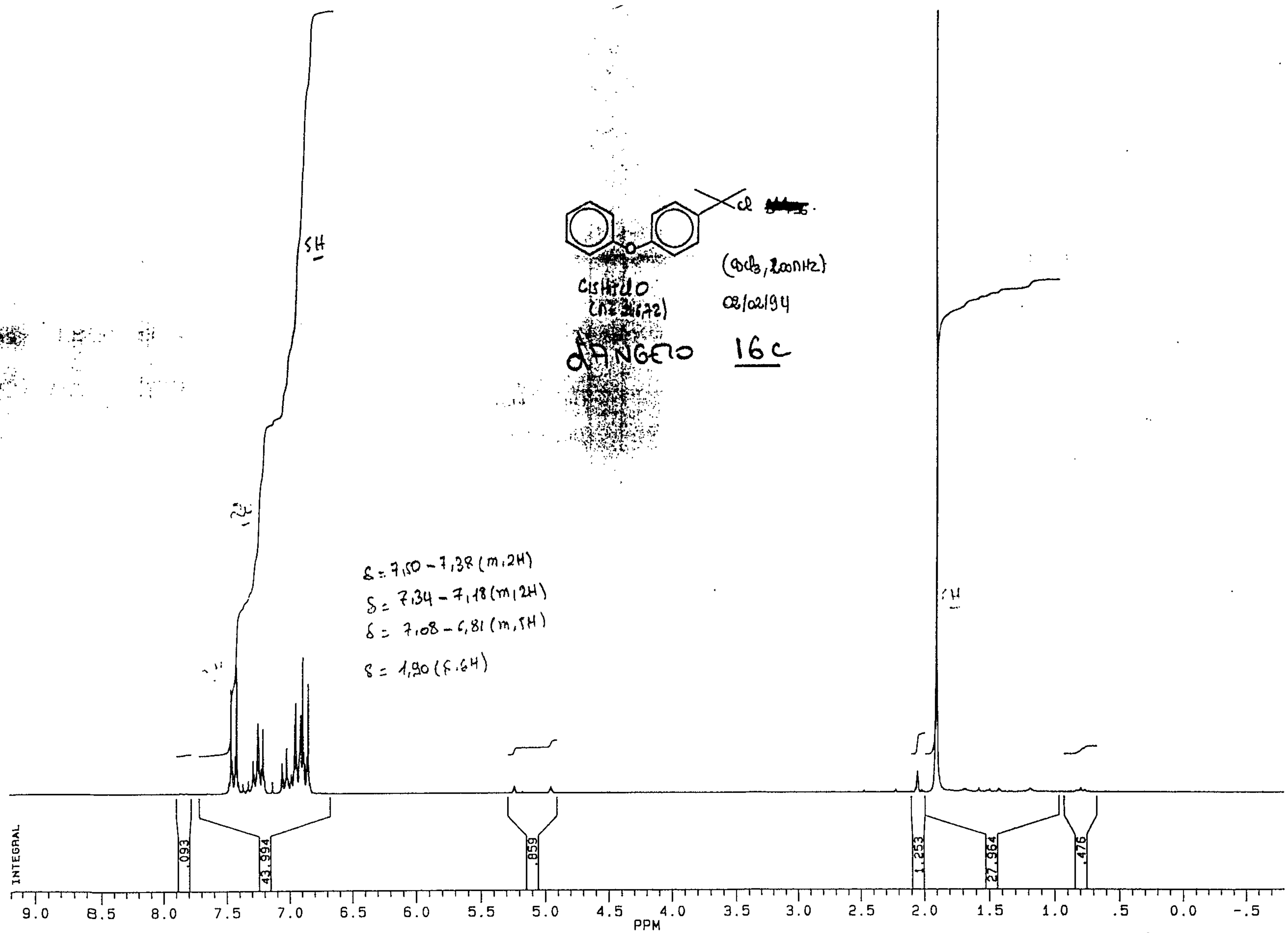

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O2 2228.997
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PPM/CM .303
SR 2365.29

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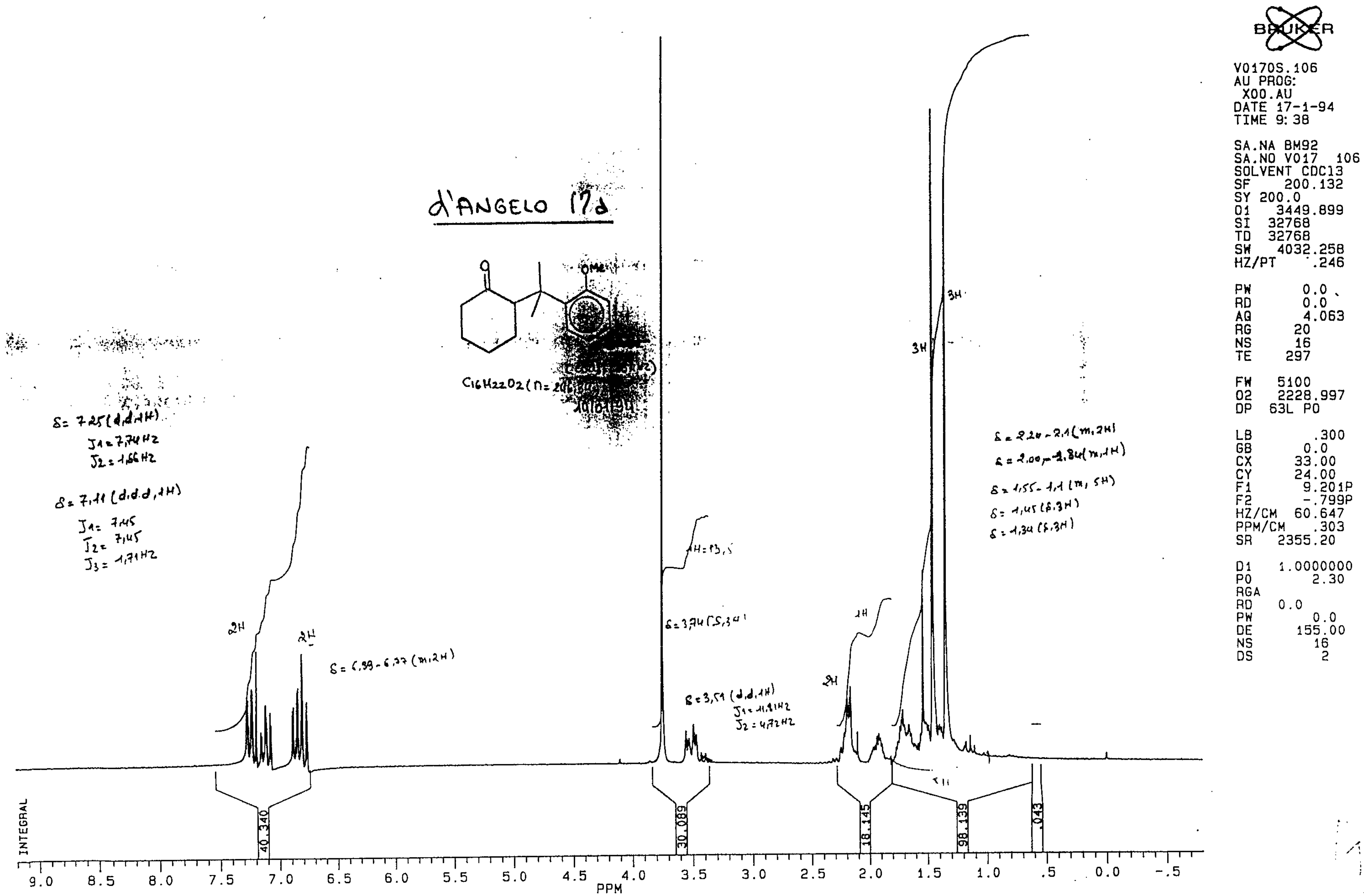

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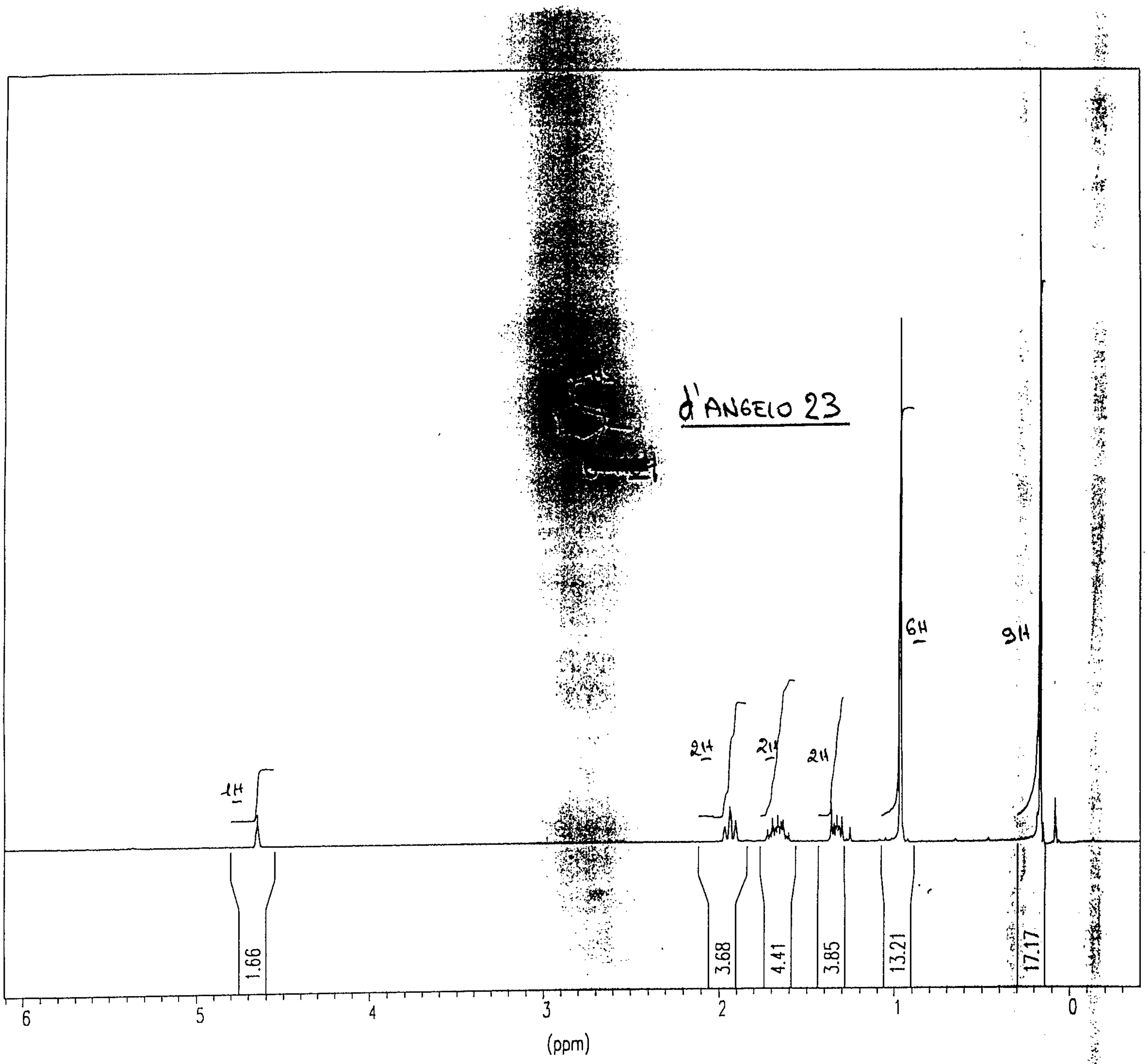
G2304-5



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TE	:	297 K
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*** Processing Parameters ***

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G 2304-6

23

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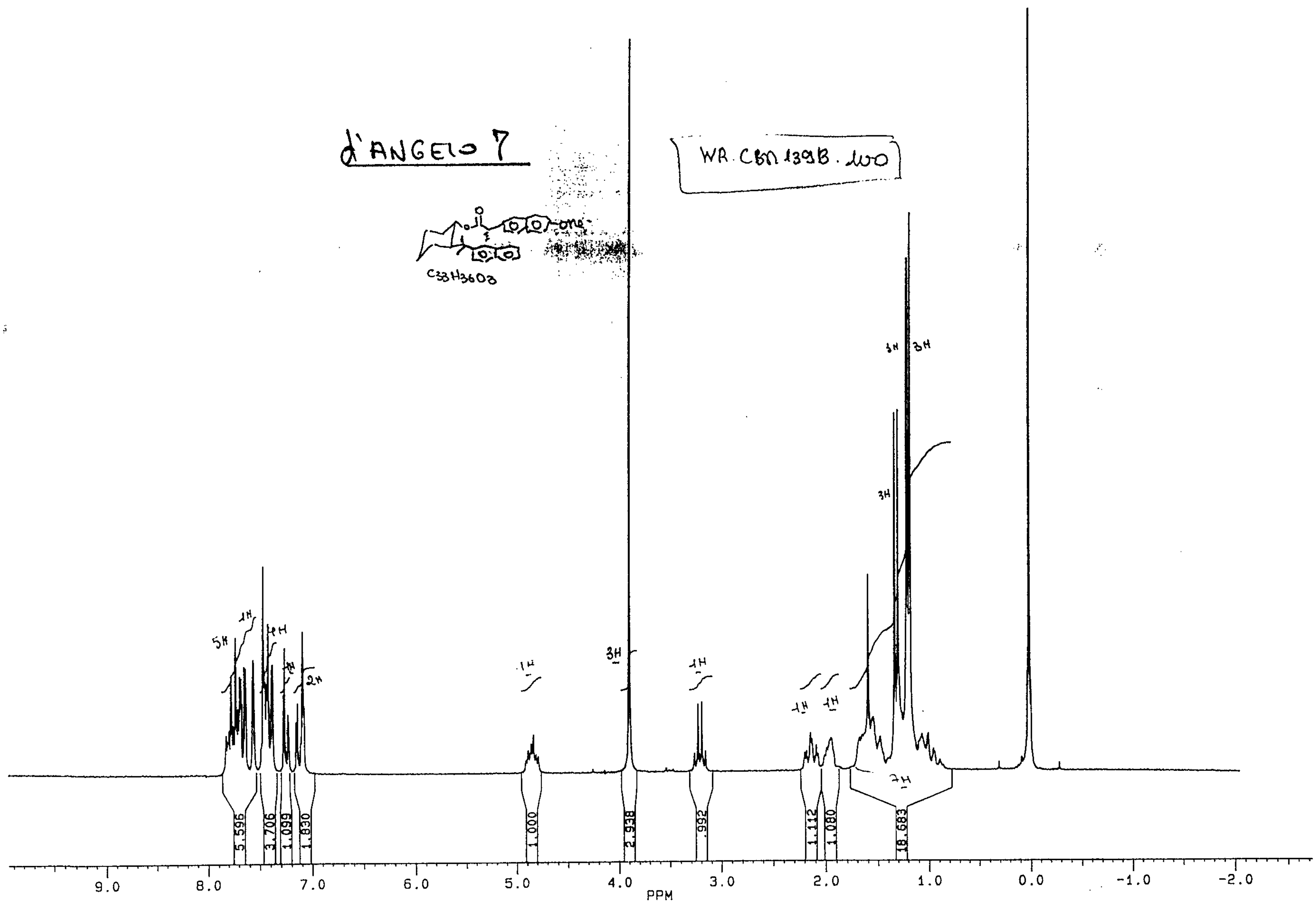

Go2304-7

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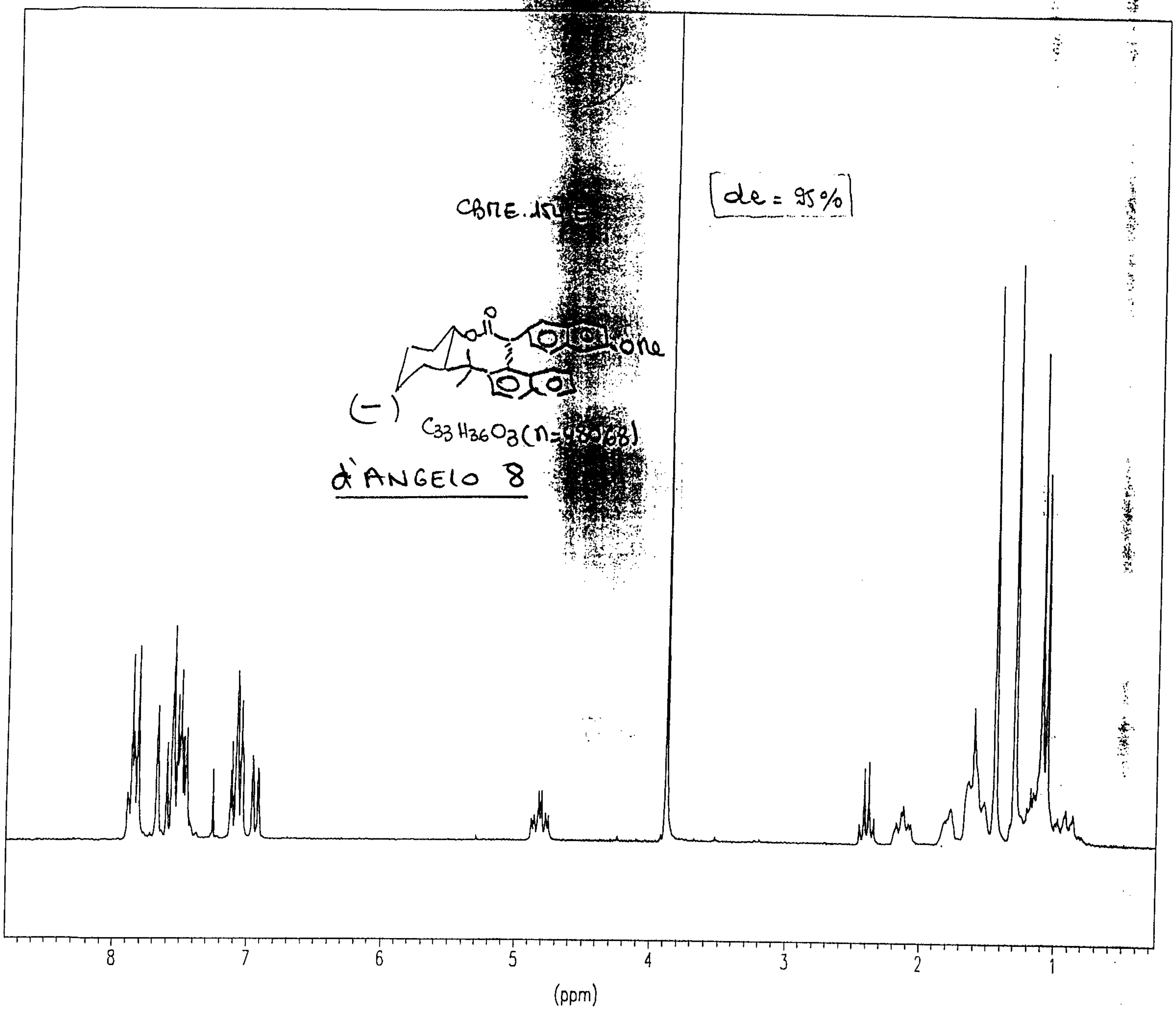

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TD	:	8192
TE	:	297 K
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*** Processing Parameters ***

LB	:	0.00 Hz

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G 2304-B

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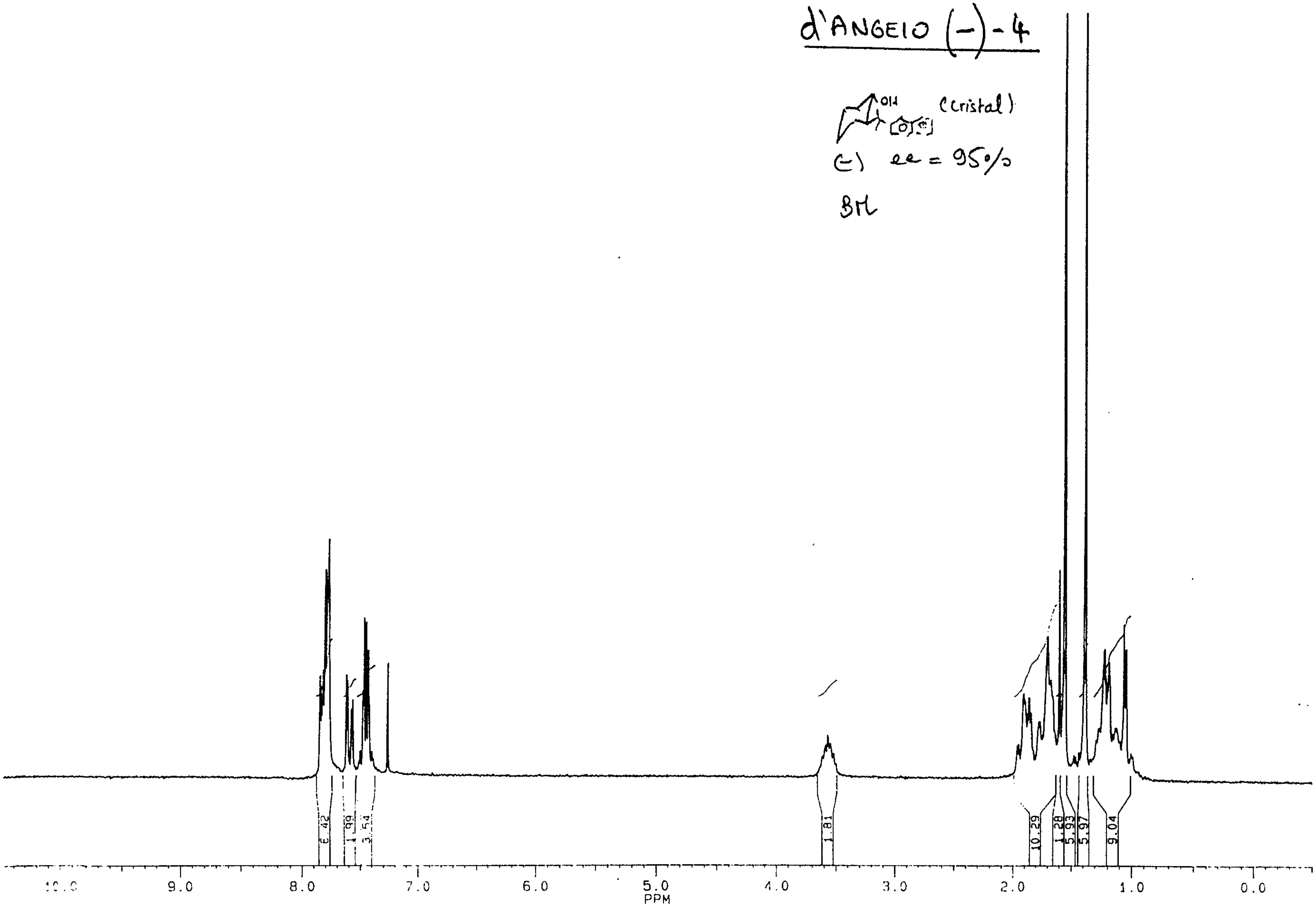

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G2304-9

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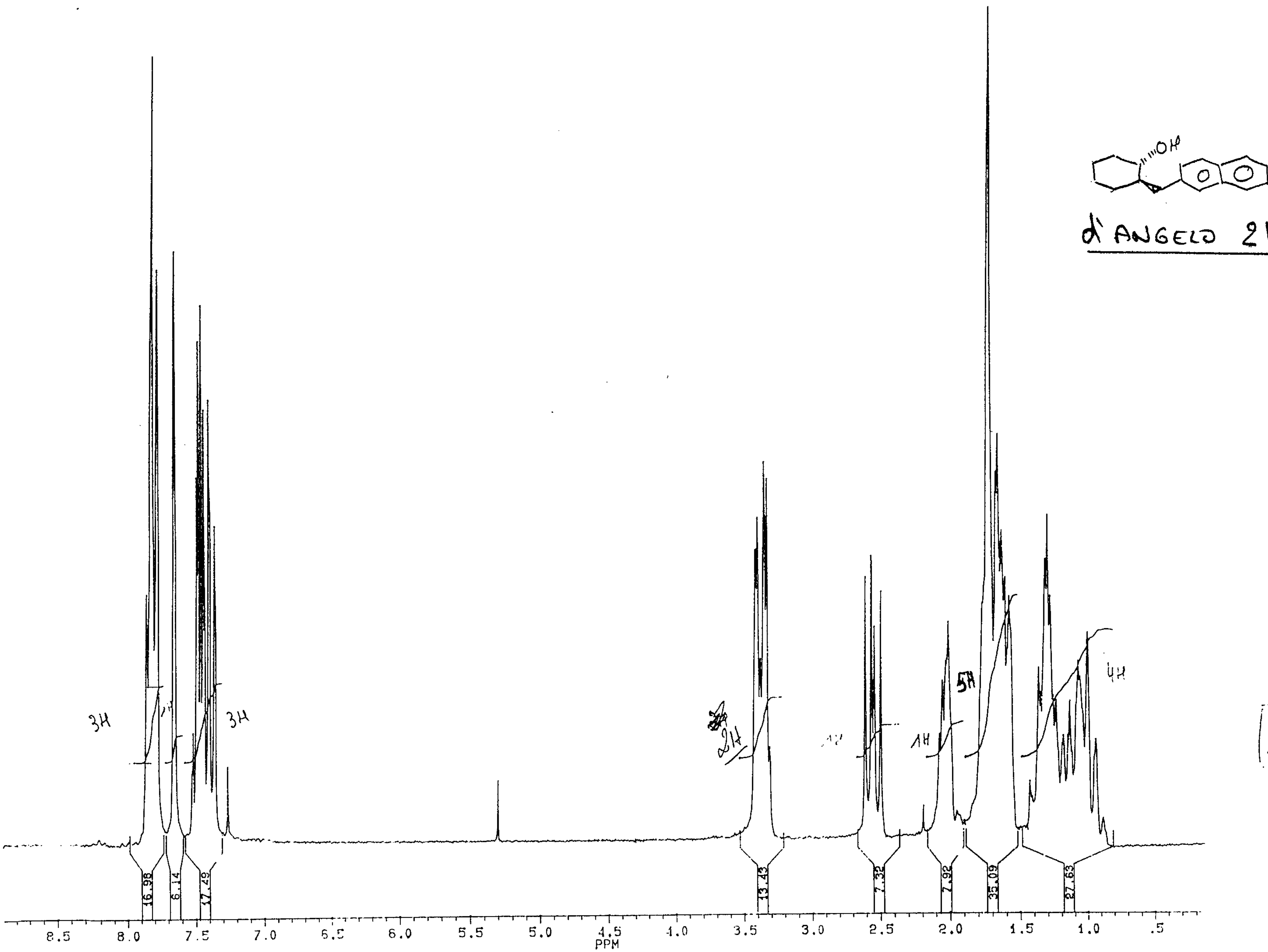
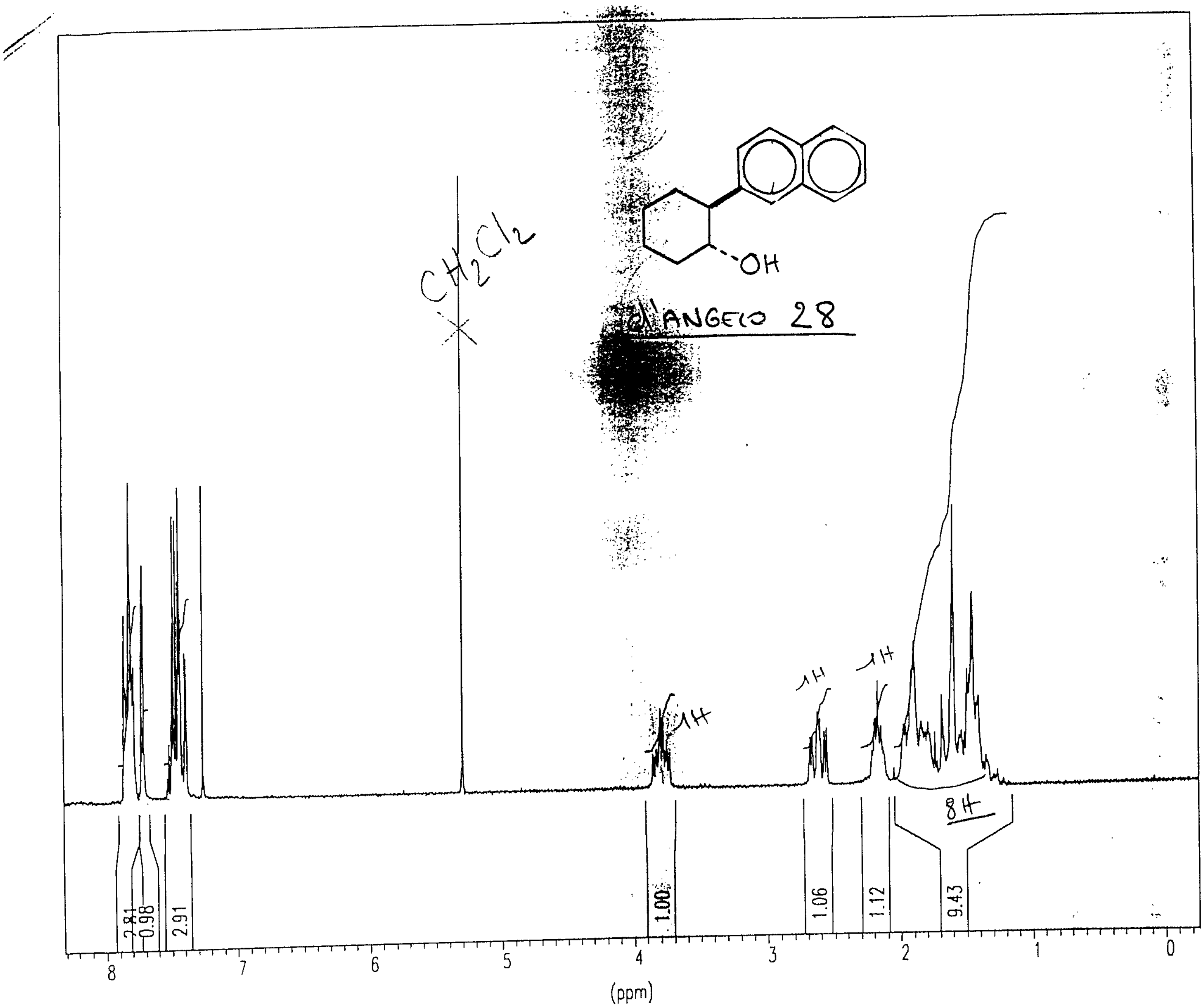


d'ANGELO 21

21

G23040-10



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SWh	:	2242.152 Hz
TD	:	8192
TE	:	297 K
YMINa	:	-23162

*** Processing Parameters ***

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OFFSET	:	10.174 ppm

G2304-11

28

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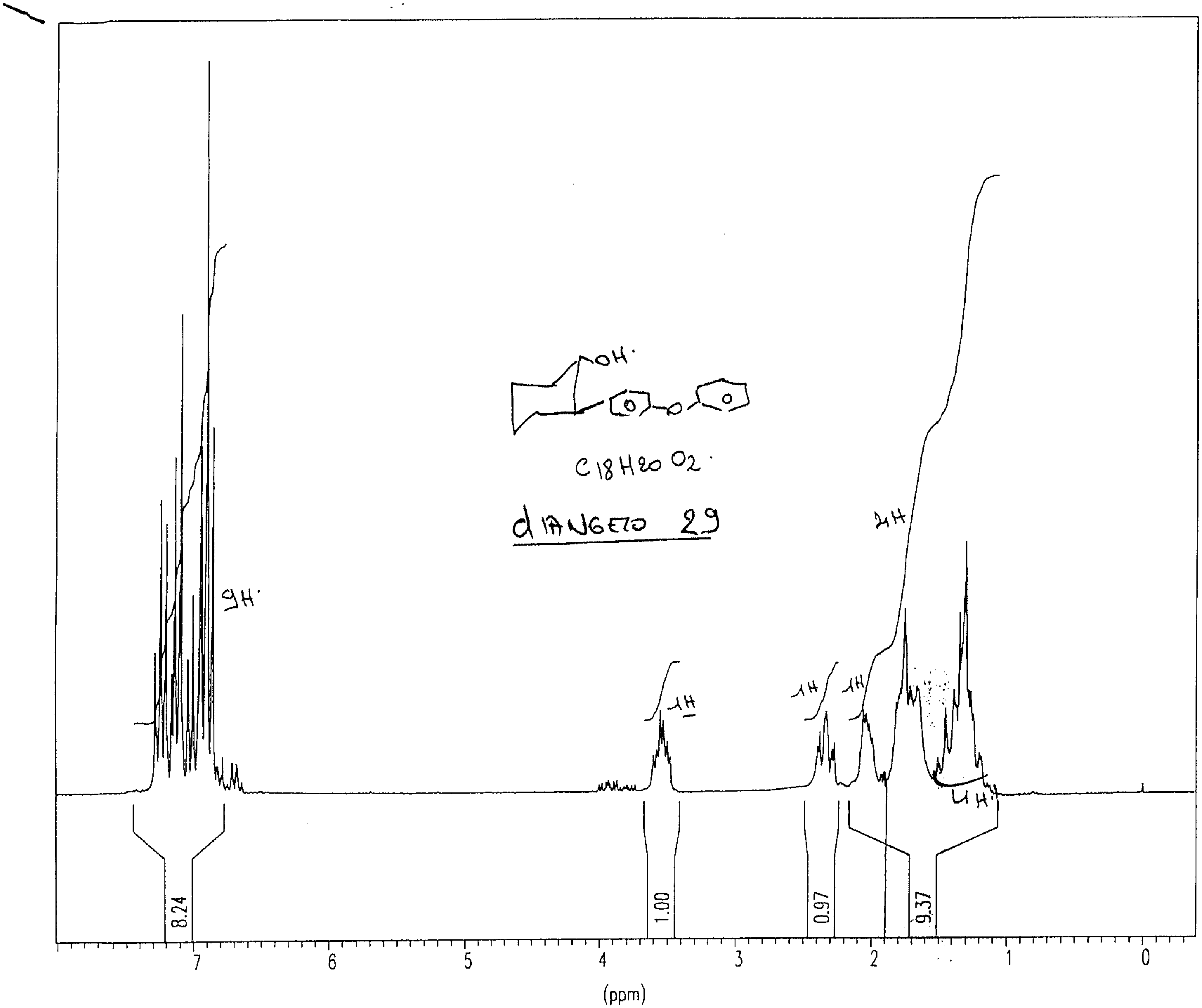

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NUCLEUS	:	Nuc ?
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SFO1	:	200.1358100 MHz
SW	:	20.1476 ppm
SWh	:	4032.258 Hz
TD	:	-32768
TE	:	297 K
YMINa	:	0

*** Processing Parameters ***

LB	:	0.30 Hz
OFFSET	:	15.519 ppm

G2304-12

29

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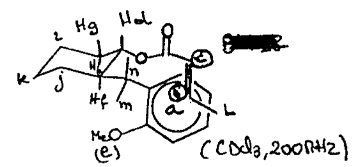
d'ANGELO 5b



$C_{20}H_{28}O_3$ (M=316,42) 28/01/94

δ = 7,16 - 7,05 (m, 2H) ; - δ = 6,84 - 6,74 (m, 2H) } Ha

δ = 6,49 (d.q, 1H)
J1 = 15,52 Hz
J2 = 6,87 Hz

- δ = 5,28 (d.q, 1H) J1 = 15,52 Hz ; J2 = 1,66 Hz

- δ = 4,78 (ddd, 1H) J1 = [illegible] ; J2 = [illegible] ; J3 = 4,32 Hz

- δ = 3,82 (s, 3H)

- δ = 2,71 (ddd, 1H) ; J1 = 11,8[illegible] , J2 = 11,21 J3 = 3 [illegible]

- δ = 1,88 (m, 1H)

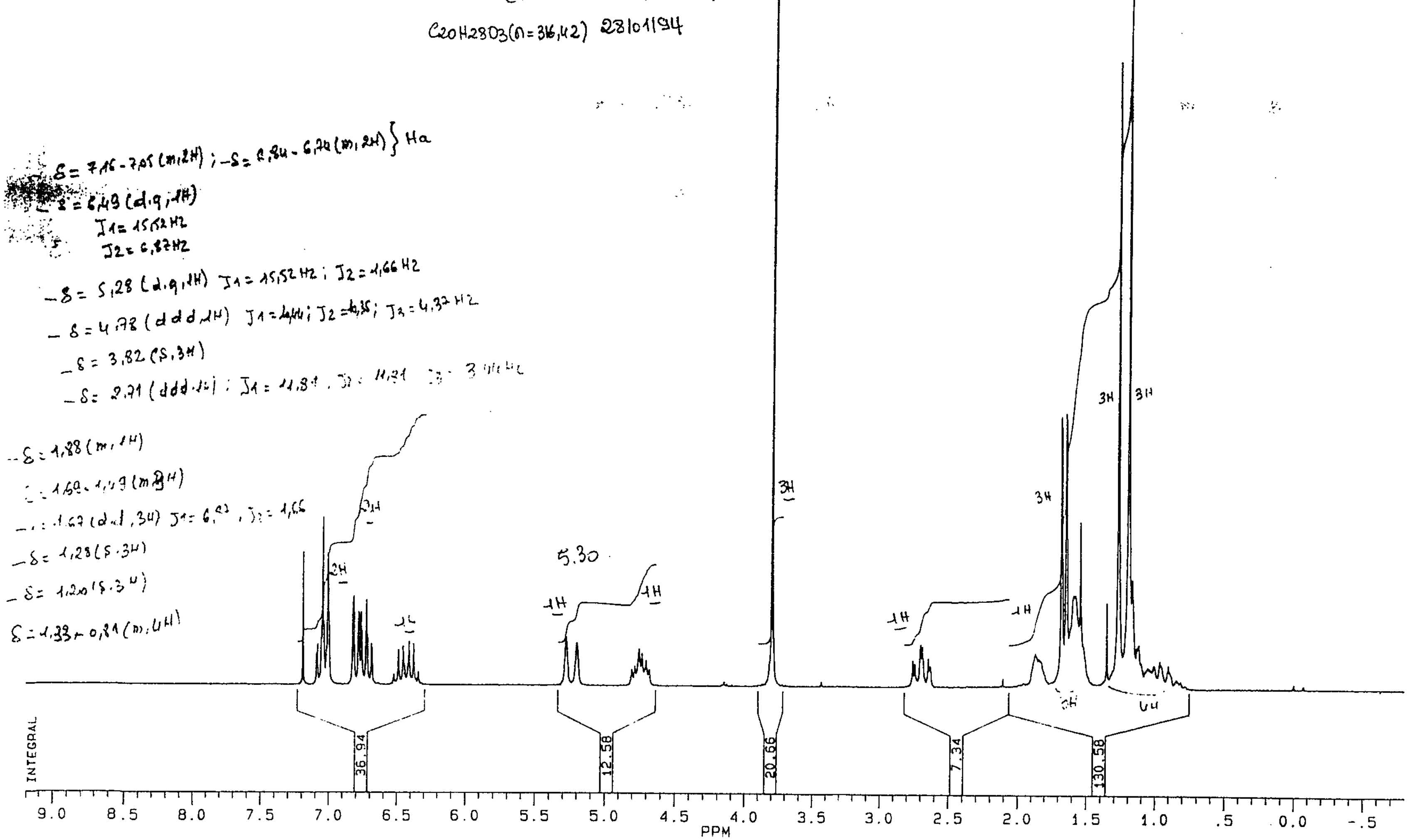
δ = 1,69 - 1,19 (m, 3H)

- δ = 1,67 (d.d, 3H) J1 = 6,[illegible] , J2 = 1,66

- δ = 1,28 (s, 3H)

- δ = 1,20 (s, 3H)

δ = 1,33 - 0,81 (m, 4H)



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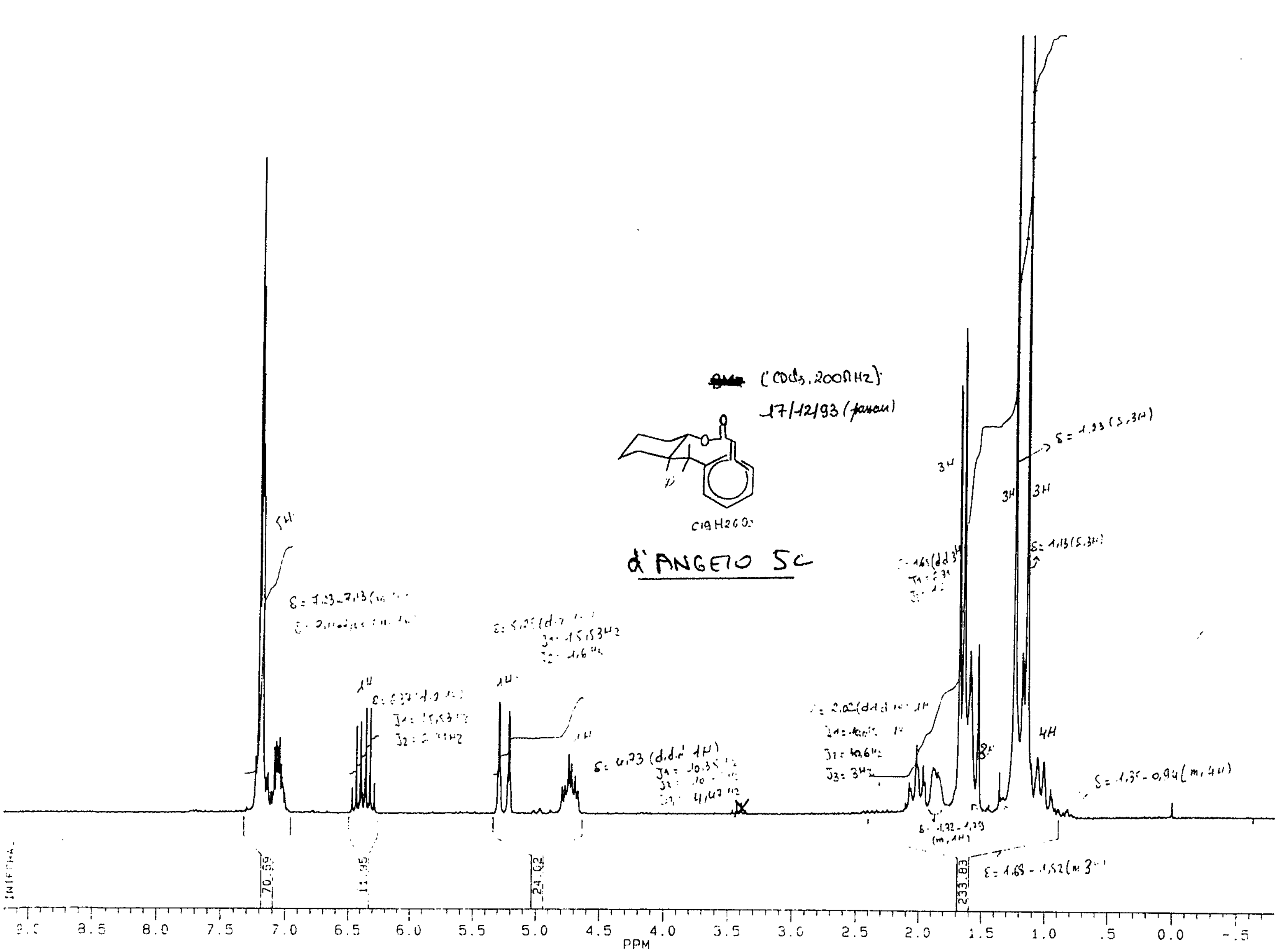
G 23041 S



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G 2304-14

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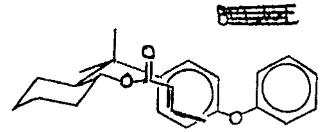

$C_{25}H_{30}O_3$ (M=378,49) ($CDCl_3$, 200 MHz)

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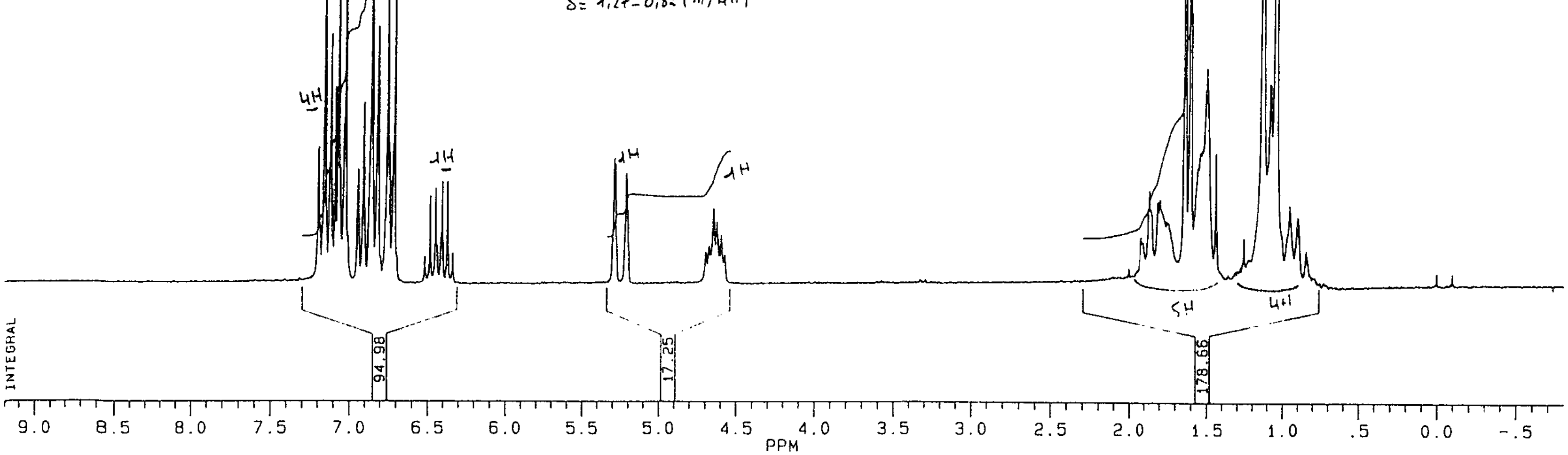
δ = 6,86-6,68 (m, 5H)
δ = 6,35 (d.q, 1H) J1 = 15,53 J2 = 6,90 Hz ; δ = 5,25 (d.q, 1H) J1 = 15,53, J2 = 1,50 Hz
δ = 4,63 (d.d.d, 1H) J1 = 10,19 Hz J2 = 10,4 J3 = 4,41 Hz
δ = 1,93-1,45 (m, 5H)
δ = 1,61 (d.d, 3H) J1 = 6,90 Hz, J2 = 1,50 Hz
δ = 1,12 (s, 3H) ; δ = 1,04 (s, 3H)
δ = 1,27-0,82 (m, 4H)



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G2304-15

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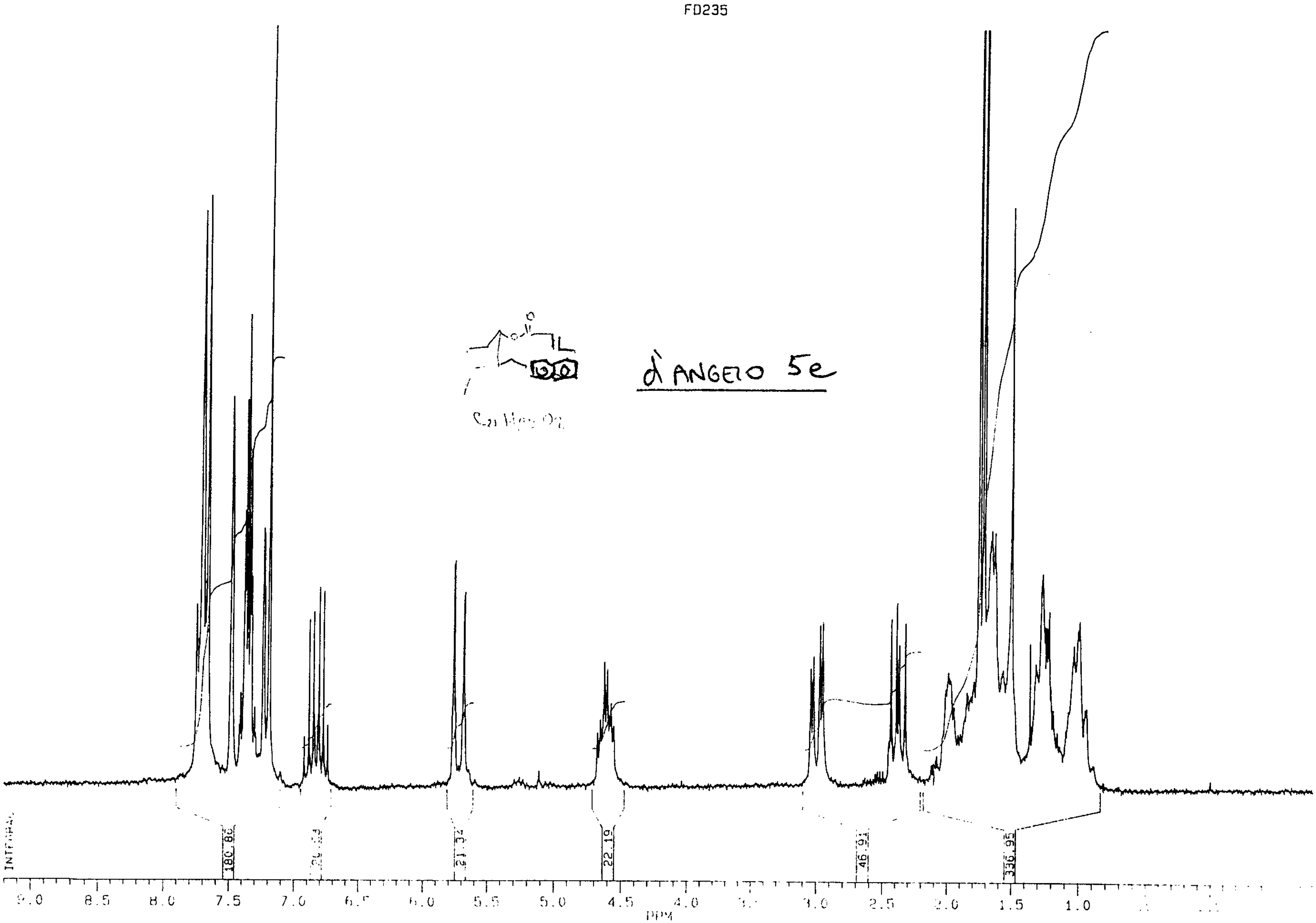

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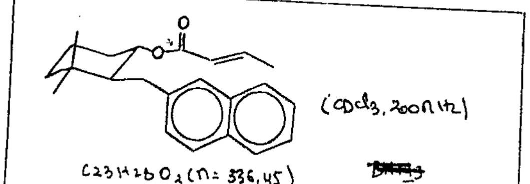
G2304-16

Date : 12/07/94

CBM 1U3.100



d'ANGELO 5f

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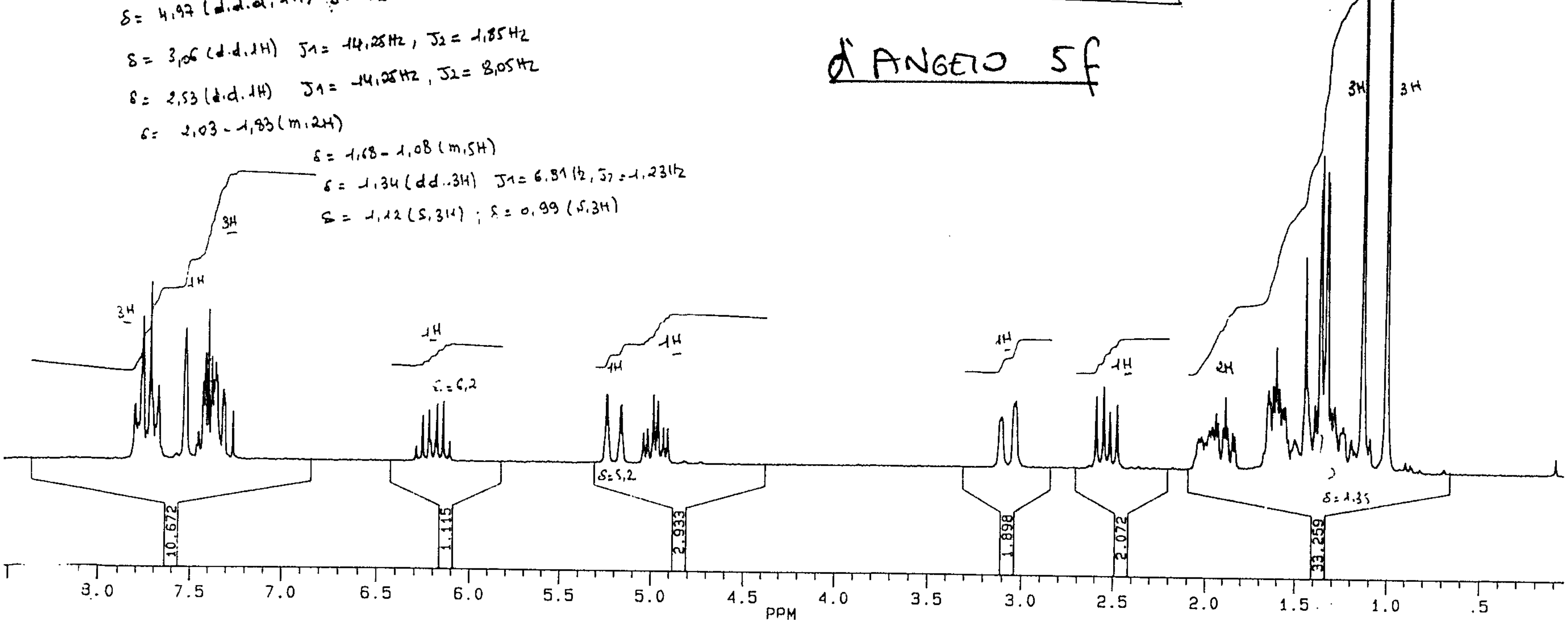
δ = 7,52 (s, 1H)
δ = 7,45 – 7,30 (m, 3H)
δ = 6,19 (d.q, 1H) J_1 = 15,49 Hz ; J_2 = 6,81 Hz
δ = 5,20 (d.q, 1H), J_1 = 15,49 Hz, J_2 = 1,23 Hz.
δ = 4,97 (d.d.d, 1H) J_1 = J_2 = 10,53 Hz, J_3 = 4,73 Hz.
δ = 3,06 (d.d, 1H) J_1 = 14,25 Hz, J_2 = 1,85 Hz
δ = 2,53 (d.d, 1H) J_1 = 14,25 Hz, J_2 = 8,05 Hz
δ = 2,03 – 1,83 (m, 2H)
δ = 1,68 – 1,08 (m, 5H)
δ = 1,34 (dd, 3H) J_1 = 6,81 Hz, J_2 = 1,23 Hz
δ = 1,12 (s, 3H) ; δ = 0,99 (s, 3H)



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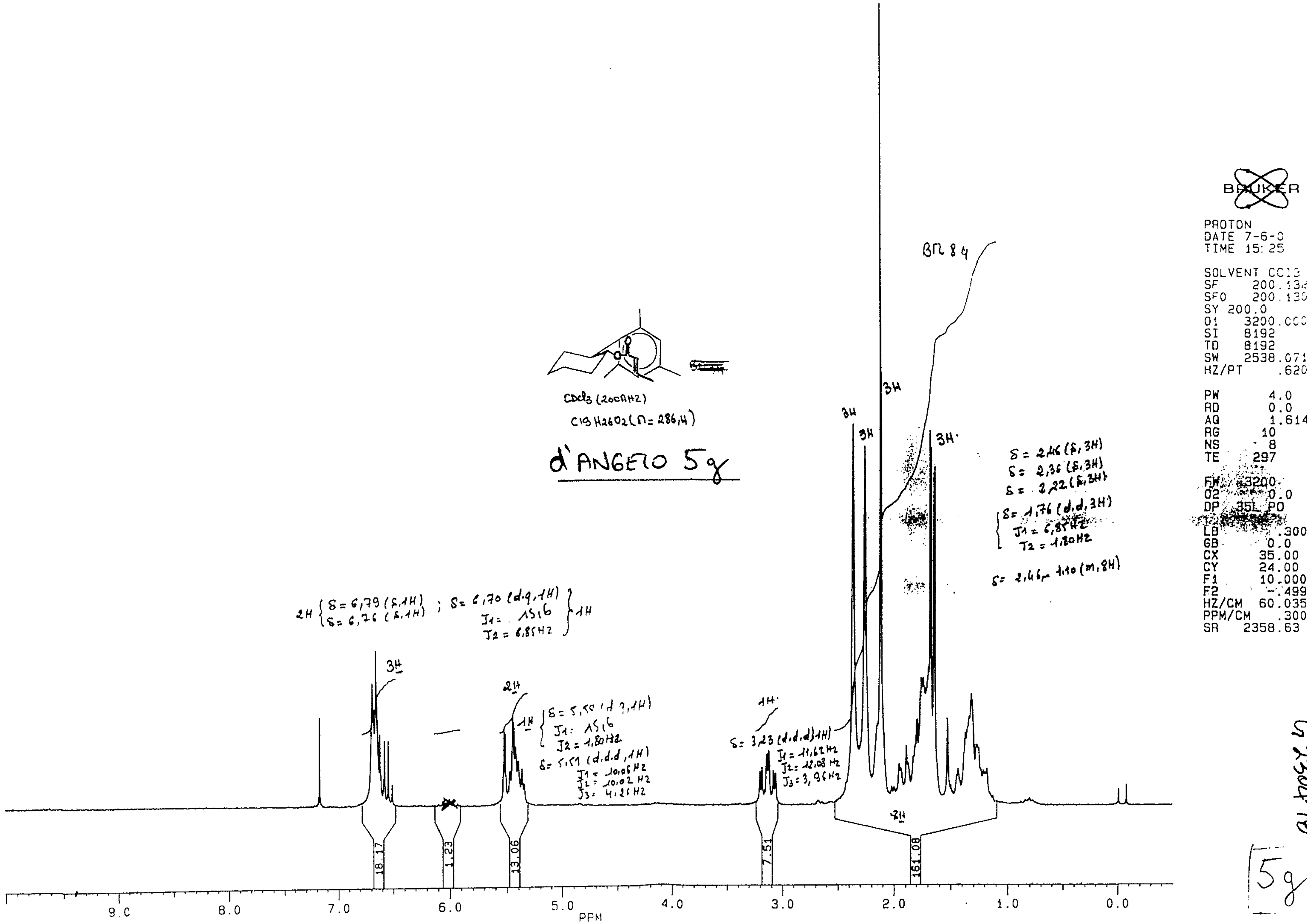

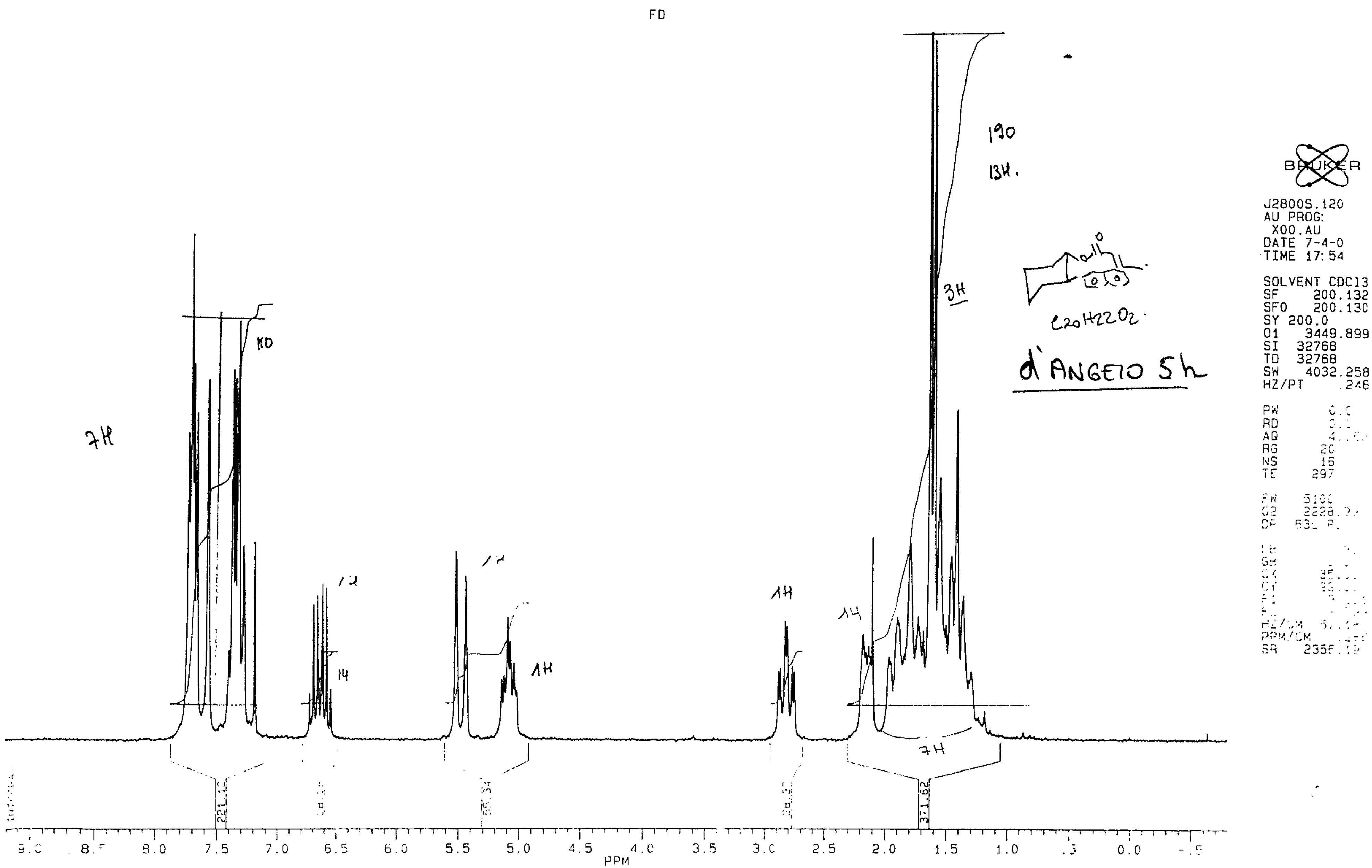

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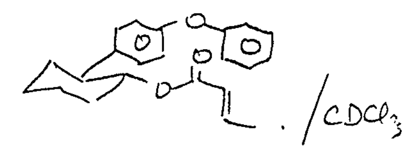

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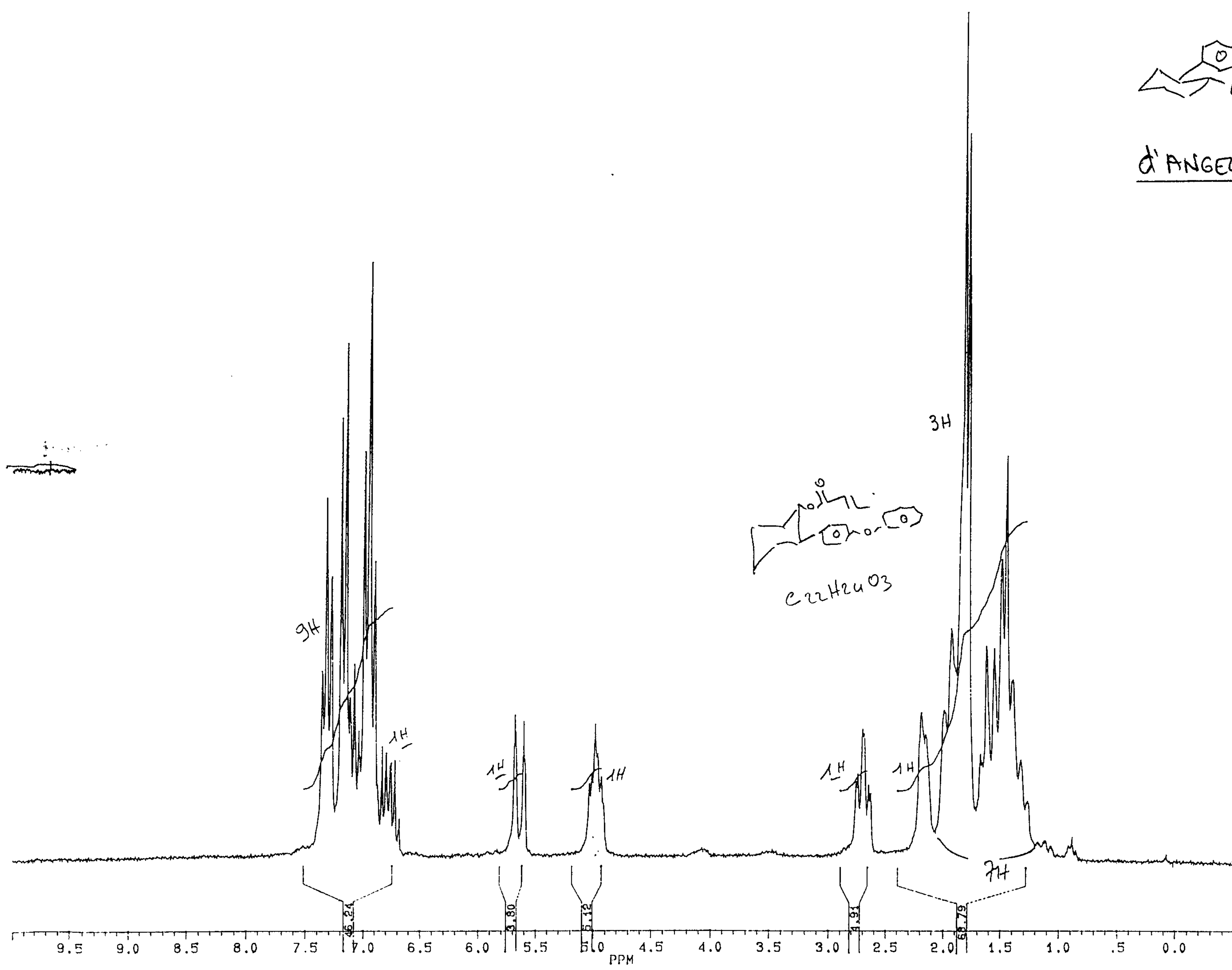

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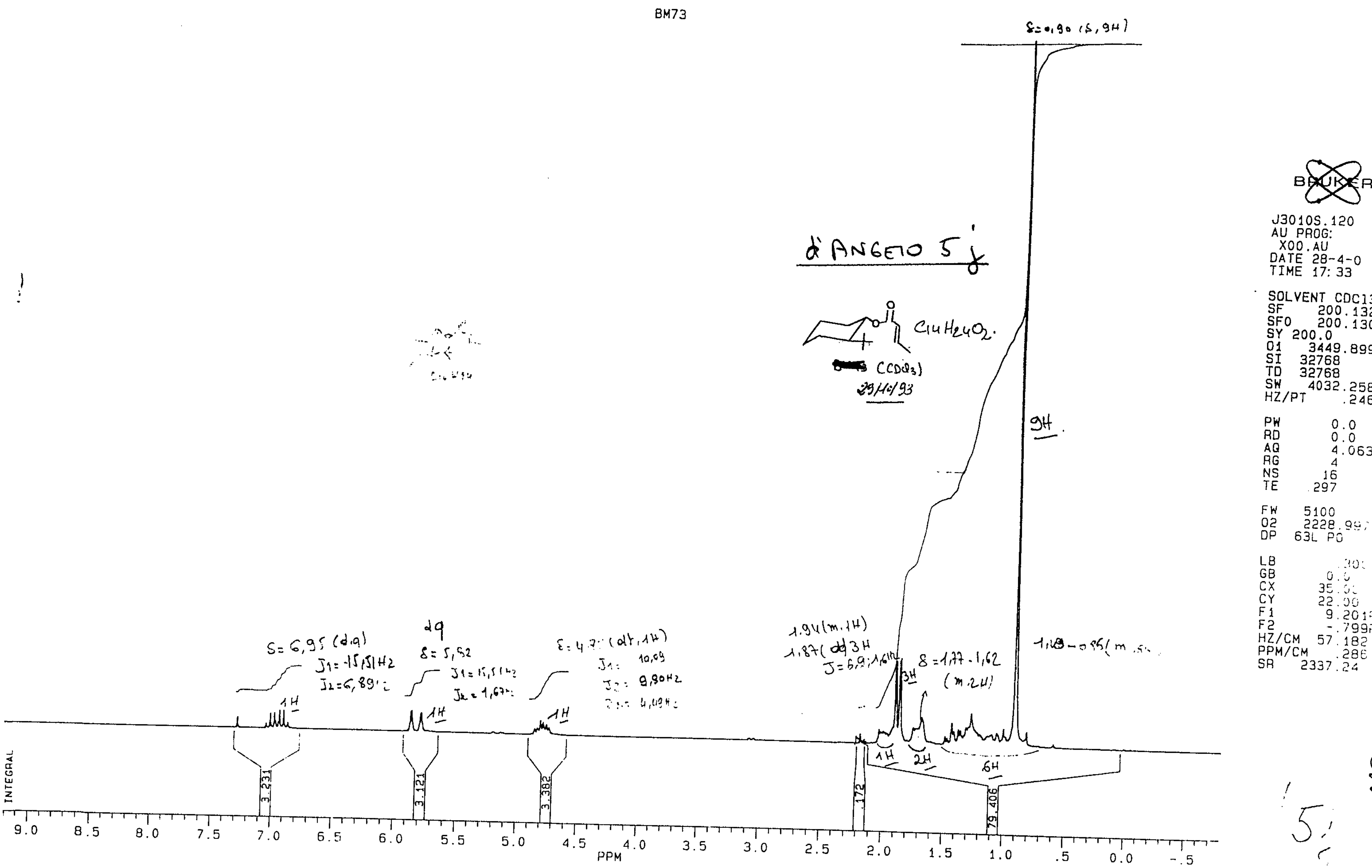

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G2304-21

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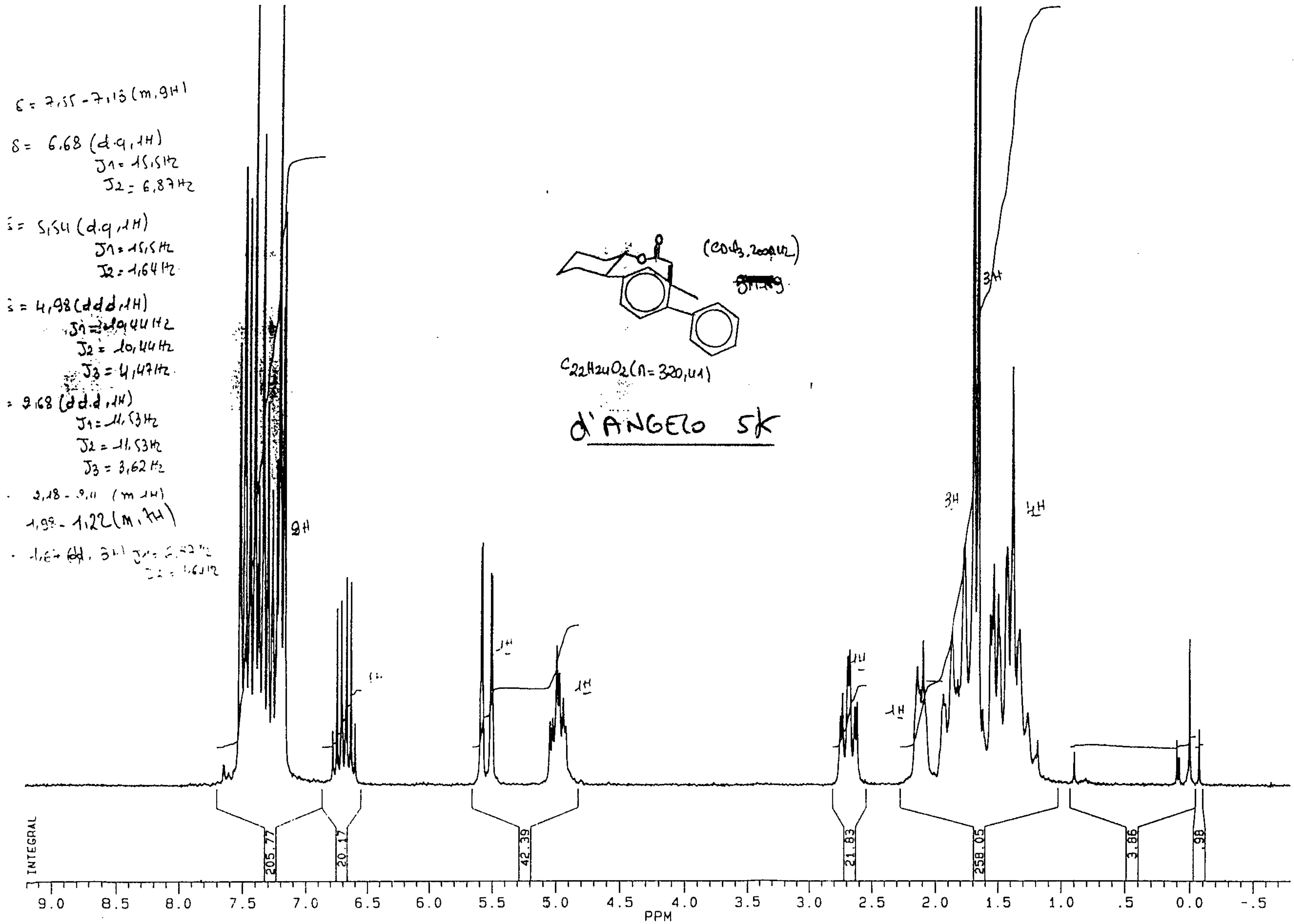

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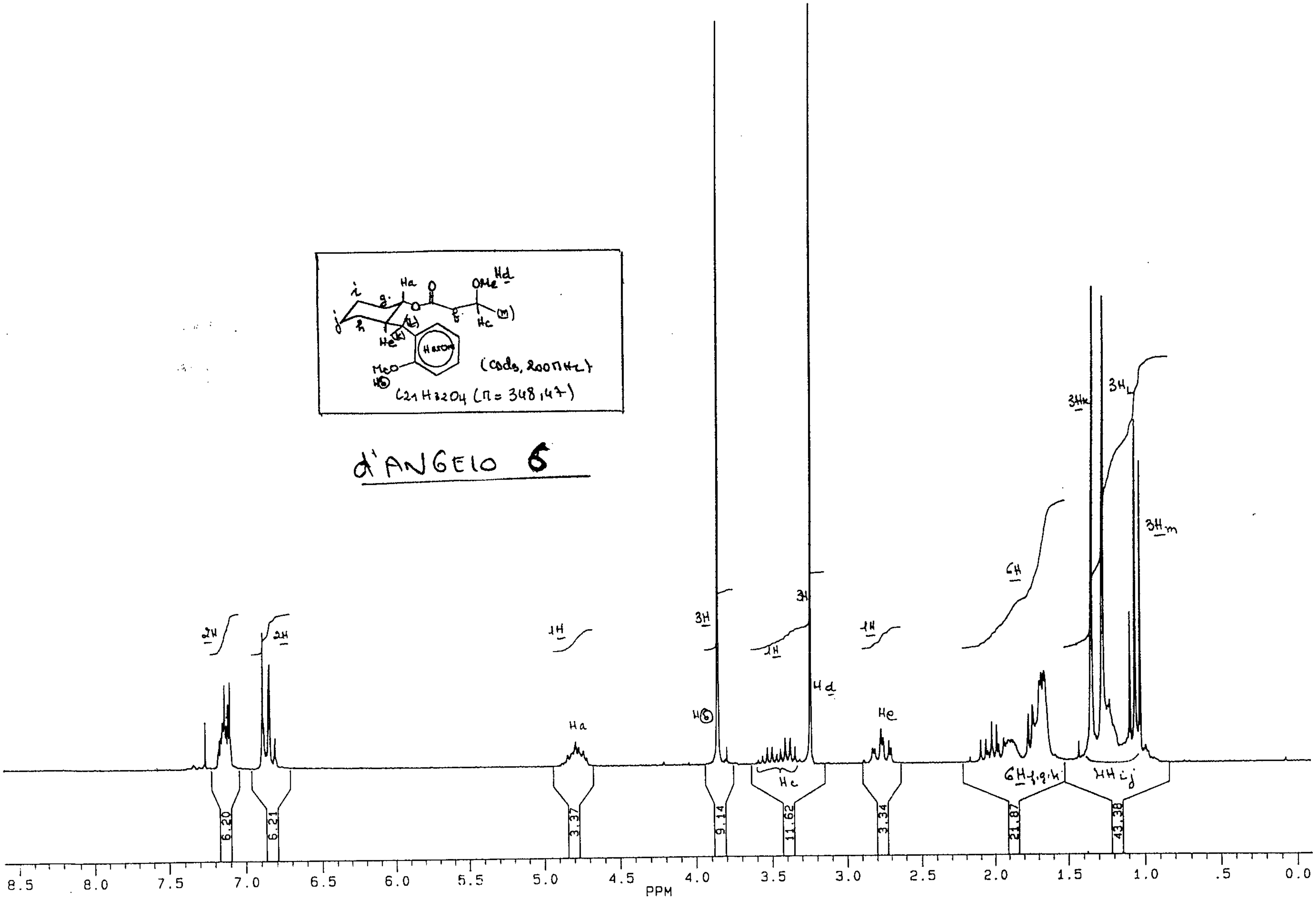

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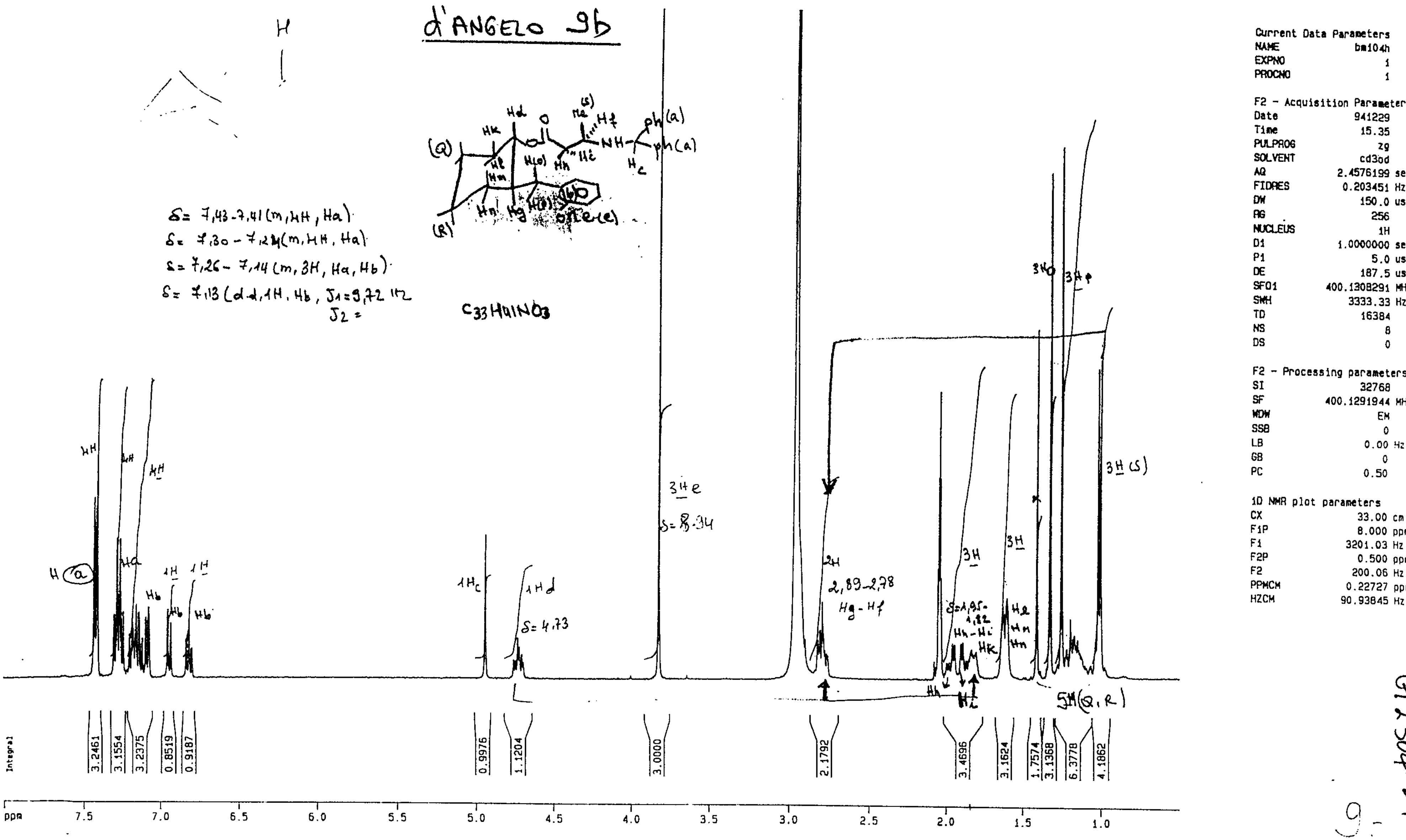

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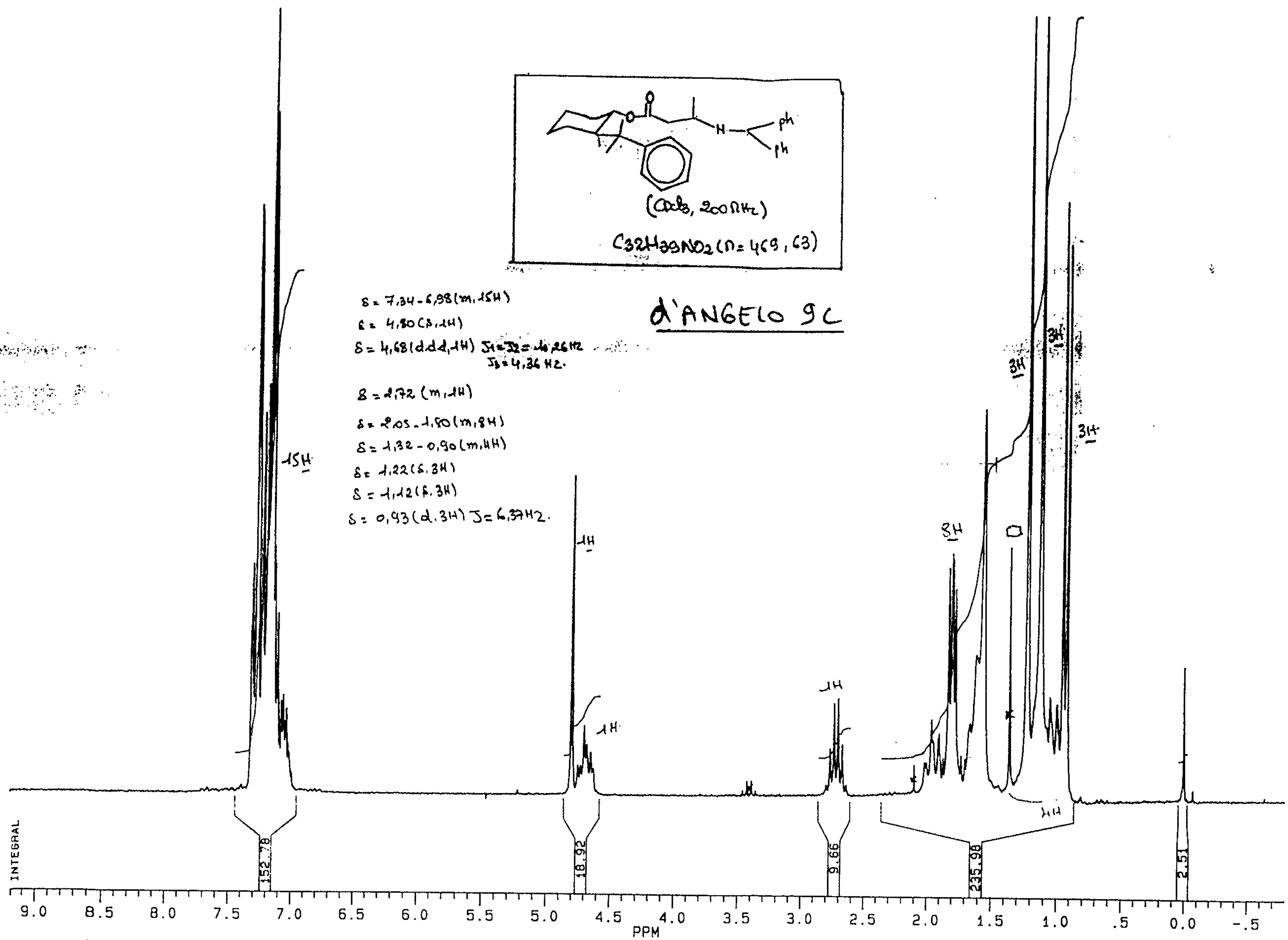
G2304-24

9

BM15

d'ANGELO 9C



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HZ/PT .246

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RG 16
NS 16
TE 297

FW 5100
O2 2228.997
DP 63L PO

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CY 24.00
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F2 -.799P
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PPM/CM .303
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PO 2.30
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PW 0.0
DE 155.00
NS 16
DS 2

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G2304-25

Essayer Sim : sur Win

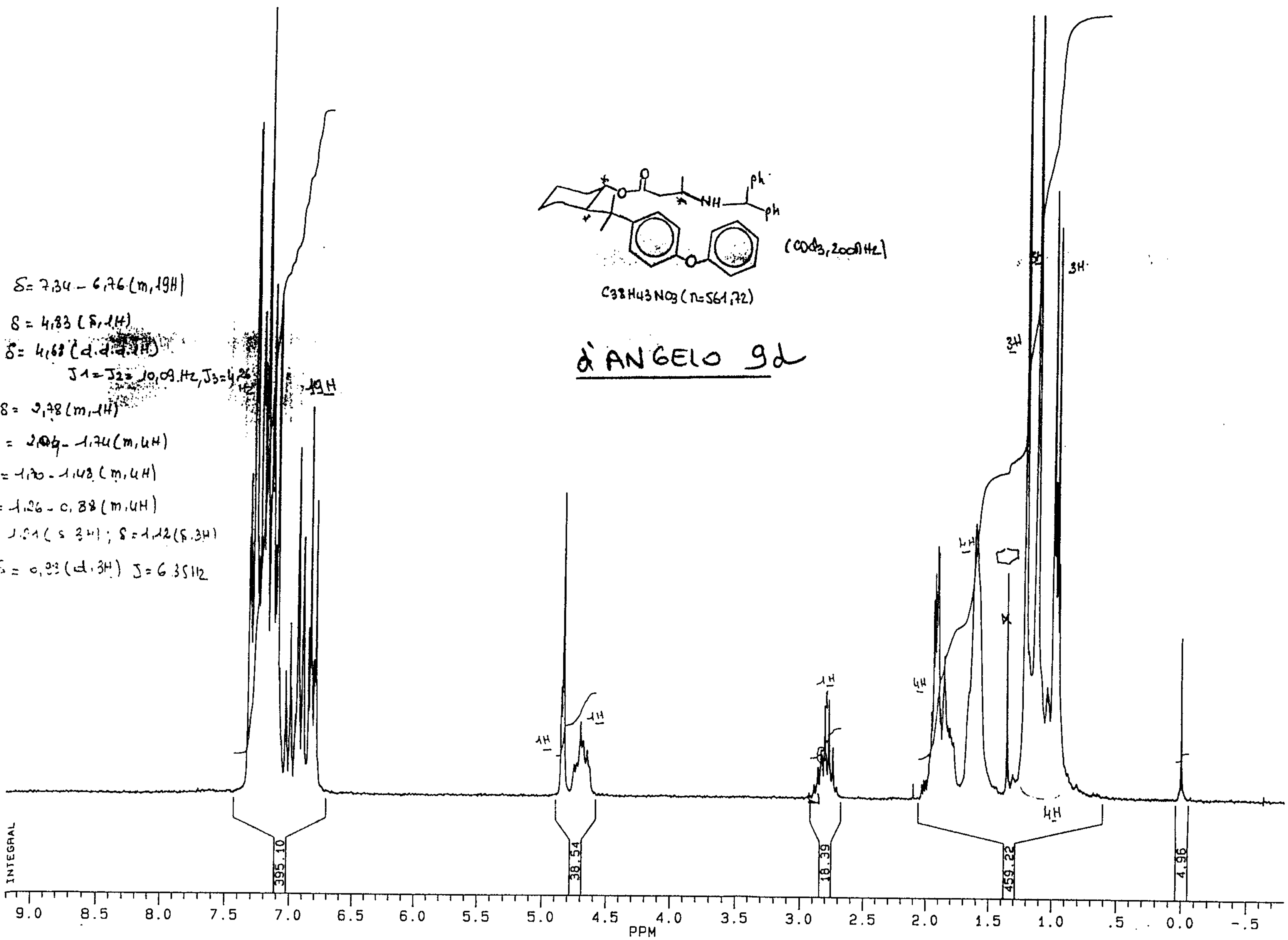
BM105

(CDCl3, 200 MHz)

$C_{38}H_{43}NO_3$ (n=561,72)

d'ANGELO 9d

δ = 7,34 – 6,76 (m, 19H)
δ = 4,83 (s, 1H)
δ = 4,68 (d.d.d, 1H)
J1 = J2 = 10,09 Hz, J3 = 4,26 Hz
δ = 2,78 (m, 1H)
δ = 2,04 – 1,74 (m, 4H)
δ = 1,70 – 1,48 (m, 4H)
δ = 1,26 – 0,88 (m, 4H)
δ = 1,21 (s, 3H); δ = 1,12 (s, 3H)
δ = 0,93 (d, 3H) J = 6,35 Hz



BRUKER

M0540S.106
AU PROG:
X00.AU
DATE 23-2-94
TIME 17:53

SA.NA BR
SA.NO M054 106
SOLVENT CDC13
SF 200.132
SY 200.0
O1 3449.899
SI 32768
TD 32768
SW 4032.258
HZ/PT .246

PW 0.0
RD 0.0
AQ 4.063
RG 20
NS 16
TE 297

FW 5100
O2 2228.997
DP 63L PO

LB .300
GB 0.0
CX 33.00
CY 24.00
F1 9.201P
F2 -.799P
HZ/CM 60.647
PPM/CM .303
SR 2356.19

D1 1.0000000
P0 2.30
RGA
RD 0.0
PW 0.0
DE 155.00
NS 16
DS 2

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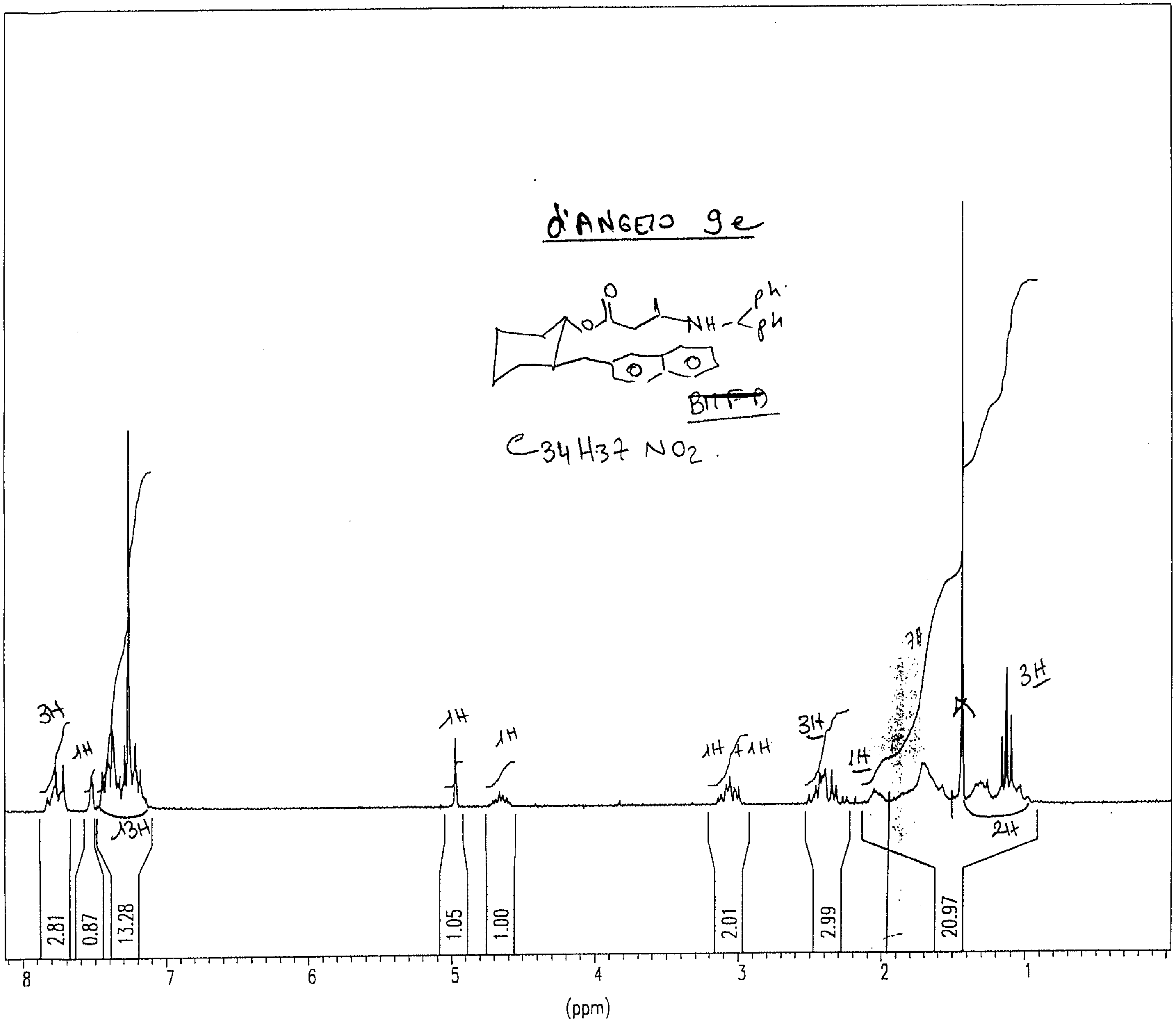

*** Current Data Parameters ***

NAME	:	CFDU237
EXPNO	:	100
PROCNO	:	1

*** Acquisition Parameters ***

AQmod	:	qseq
DECSTAT	:	CPD
DP	:	0
DS	:	0
INSTRUM	:	AM
NS	:	64
NUCLEUS	:	Nuc ?
O1	:	3255.95 Hz
O2	:	2229.00 Hz
PULPROG	:	
RO	:	84 Hz
SFO1	:	200.1355965 MHz
SW	:	11.2032 ppm
SWh	:	2242.152 Hz
TD	:	8192
TE	:	297 K
YMINa	:	21321

*** Processing Parameters ***

LB	:	0.00 Hz
OFFSET	:	10.178 ppm

9e

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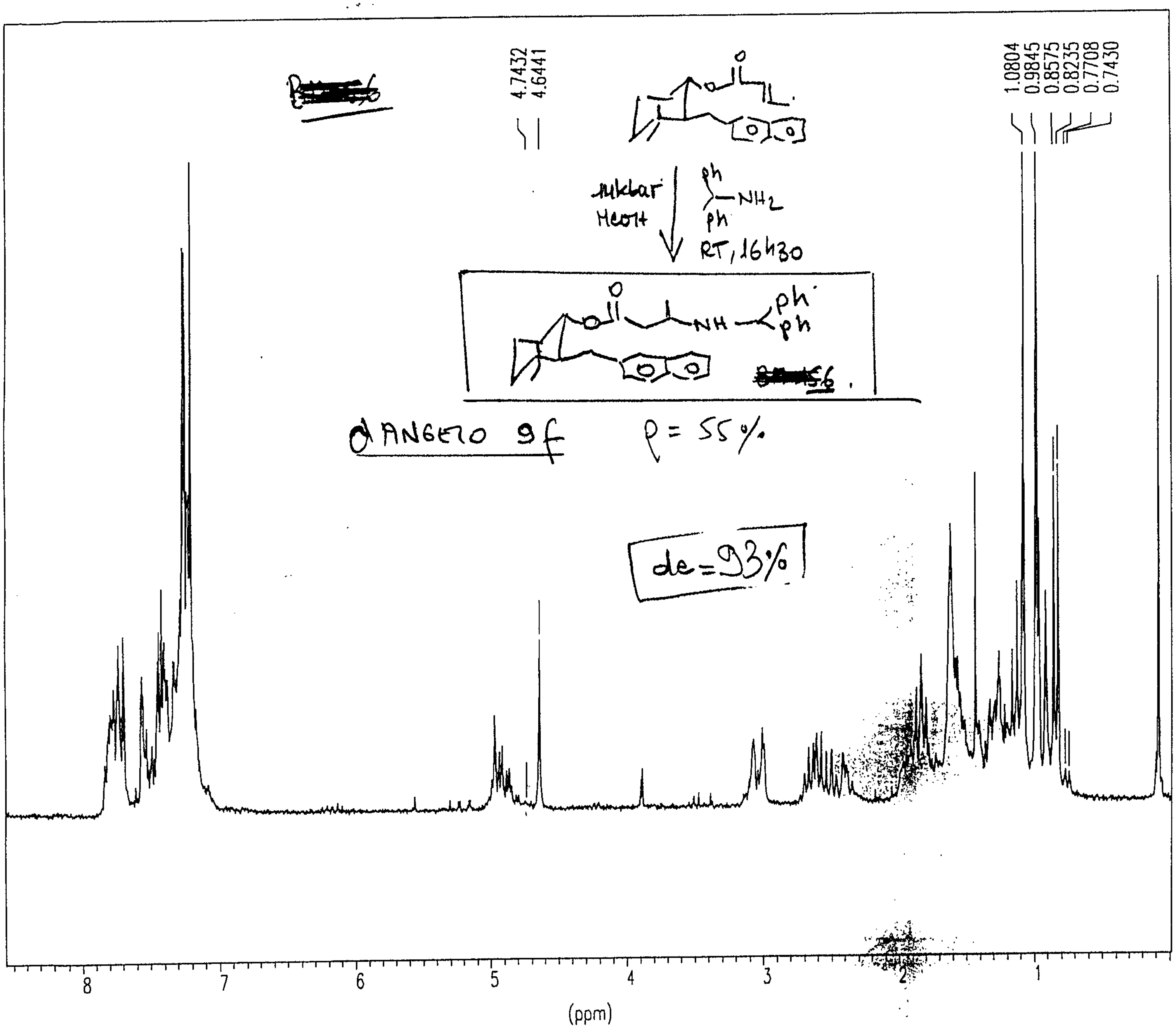

*** Current Data Parameters ***

NAME	:	CBME156
EXPNO	:	100
PROCNO	:	1

*** Acquisition Parameters ***

AQmod	:	qseq
DECSTAT	:	CPD
DP	:	0
DS	:	0
INSTRUM	:	AM
NS	:	16
NUCLEUS	:	Nuc ?
O1	:	3200.00 Hz
O2	:	0.00 Hz
PULPROG	:	
RO	:	84 Hz
SFO1	:	200.1355407 MHz
SW	:	12.6818 ppm
SWh	:	2538.071 Hz
TD	:	8192
TE	:	297 K
YMINa	:	0

*** Processing Parameters ***

LB	:	0.00 Hz
OFFSET	:	10.638 ppm

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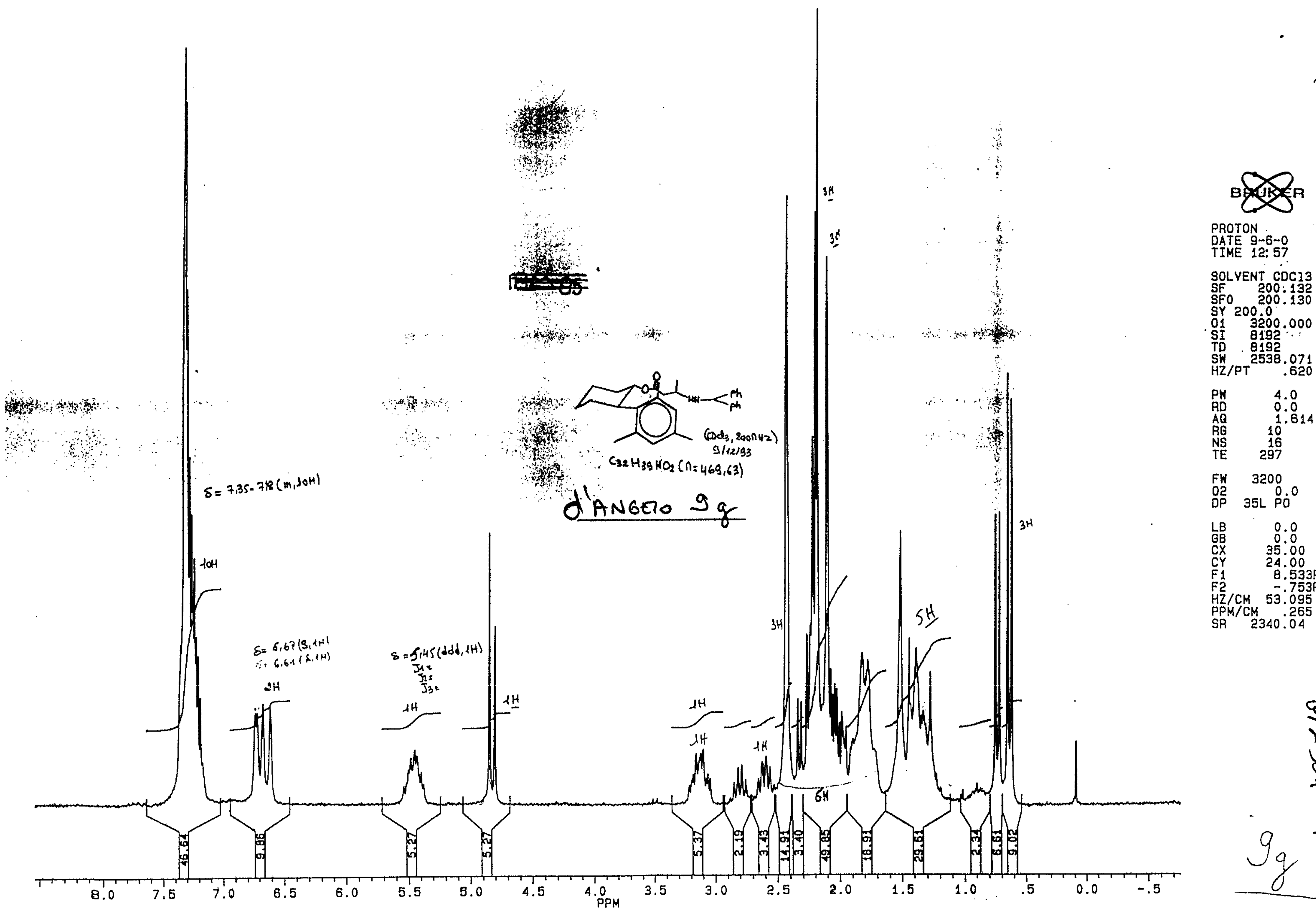

9g

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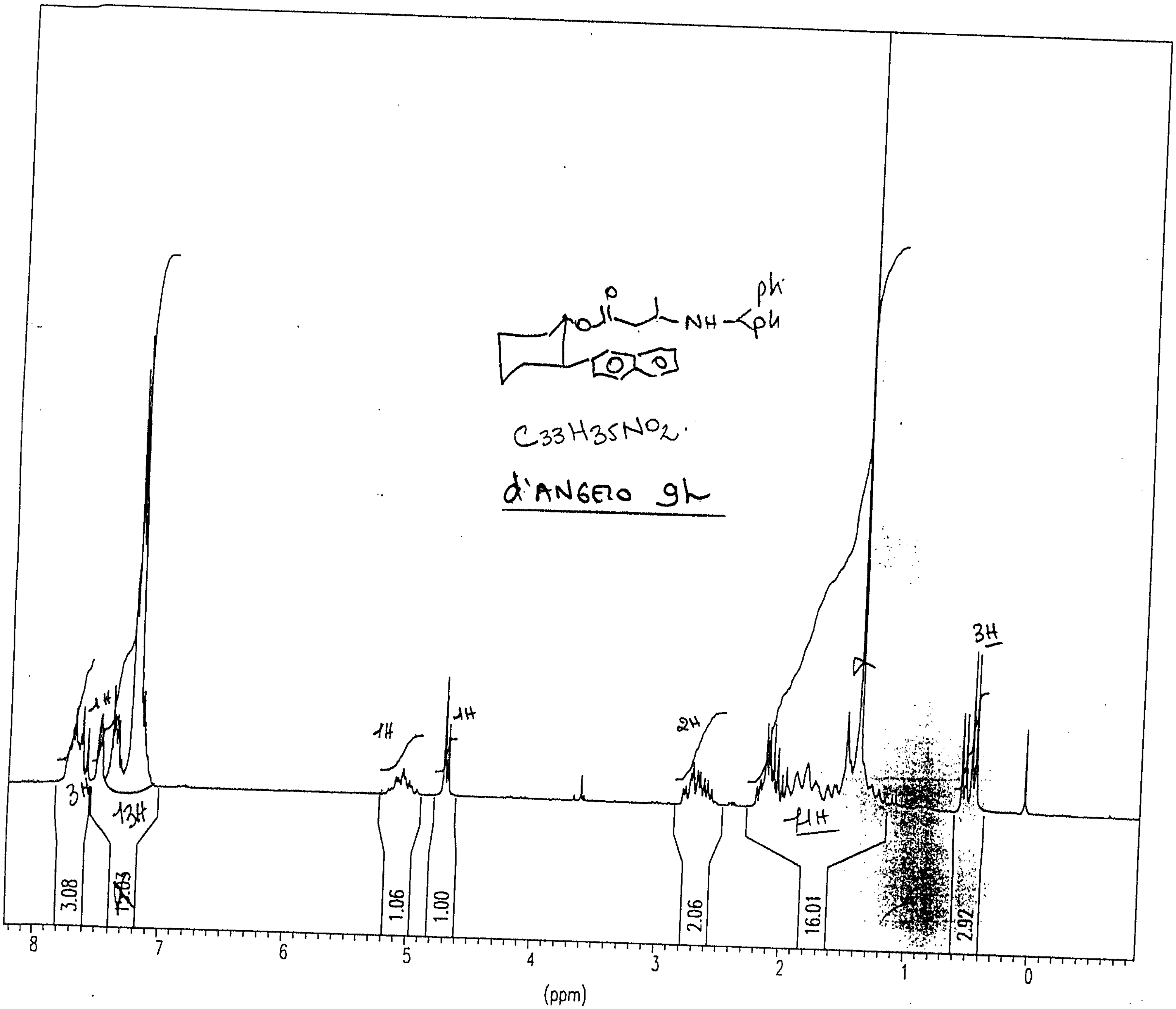

*** Current Data Parameters ***

NAME	:	CFDU313H
EXPNO	:	146
PROCNO	:	1

*** Acquisition Parameters ***

AQmod	:	qseq
DECSTAT	:	CPD
DP	:	0
DS	:	2
INSTRUM	:	AM
NS	:	16
NUCLEUS	:	Nuc ?
O1	:	3449.90 Hz
O2	:	2229.00 Hz
PULPROG	:	
RO	:	84 Hz
SFO1	:	200.1355976 MHz
SW	:	20.1476 ppm
SWh	:	4032.258 Hz
TD	:	-32768
TE	:	297 K
YMINa	:	9216

*** Processing Parameters ***

LB	:	0.00 Hz
OFFSET	:	15.545 ppm

9h

S2304-30

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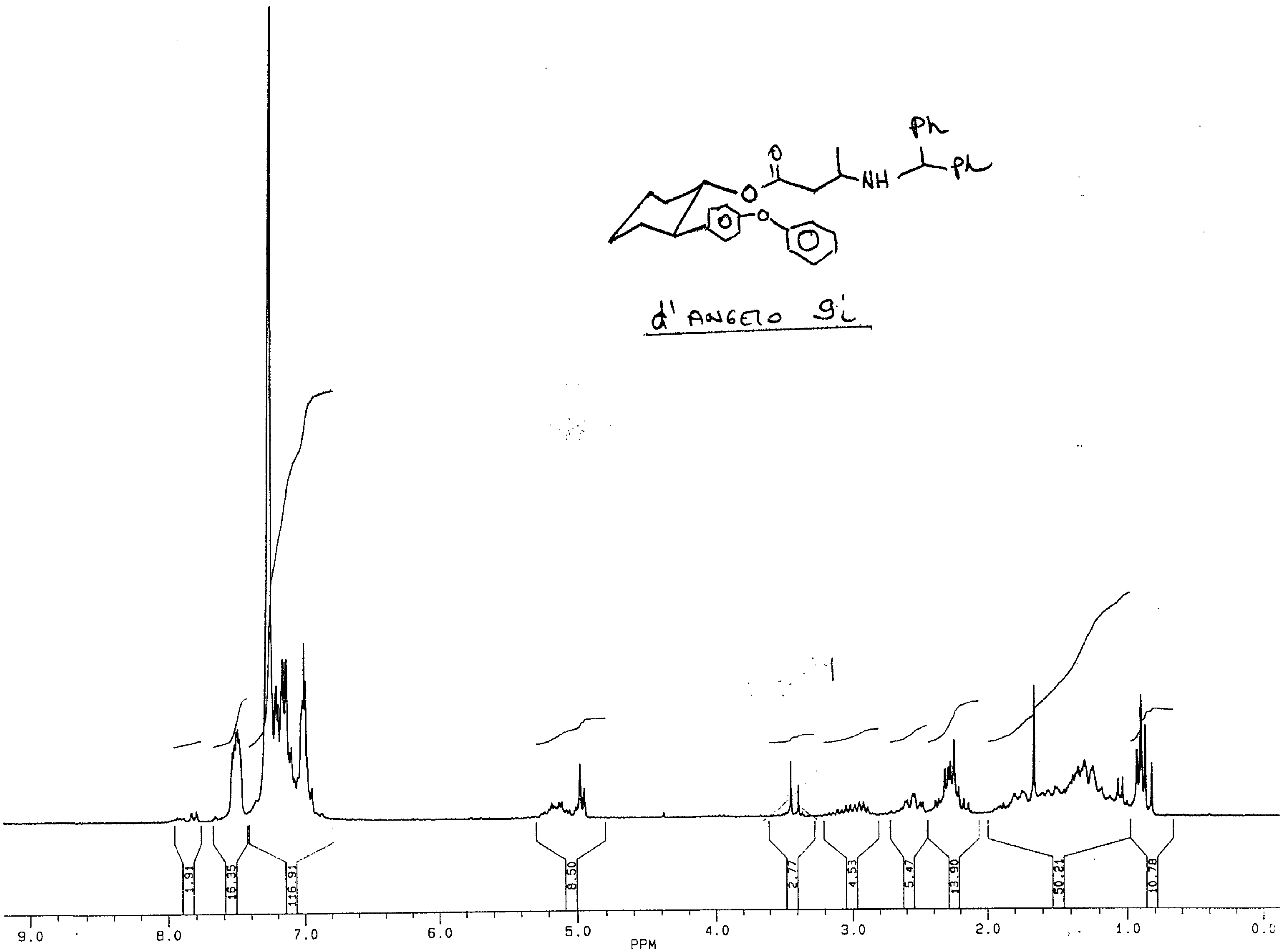

BRUKER

M2780S.139
AU PROG:
X00.AU
DATE 6-4-0
TIME 3:58

SOLVENT ~~Aceton~~ C_6D_6
SF 200.132
SFO 200.130
SY 200.0
O1 3455.536
SI 32768
TD 32768
SW 4032.258
HZ/PT .246

PW 0.0
RD 0.0
AQ 4.063
RG 20
NS 16
TE 297

FW 5100
O2 2228.997
DP 63L PO

LB .300
GB 0.0
CX 35.00
CY 22.00
F1 9.187
F2 -.116
HZ/CM 53.209
PPM/CM .266
SR 2329.16

G 2304-31

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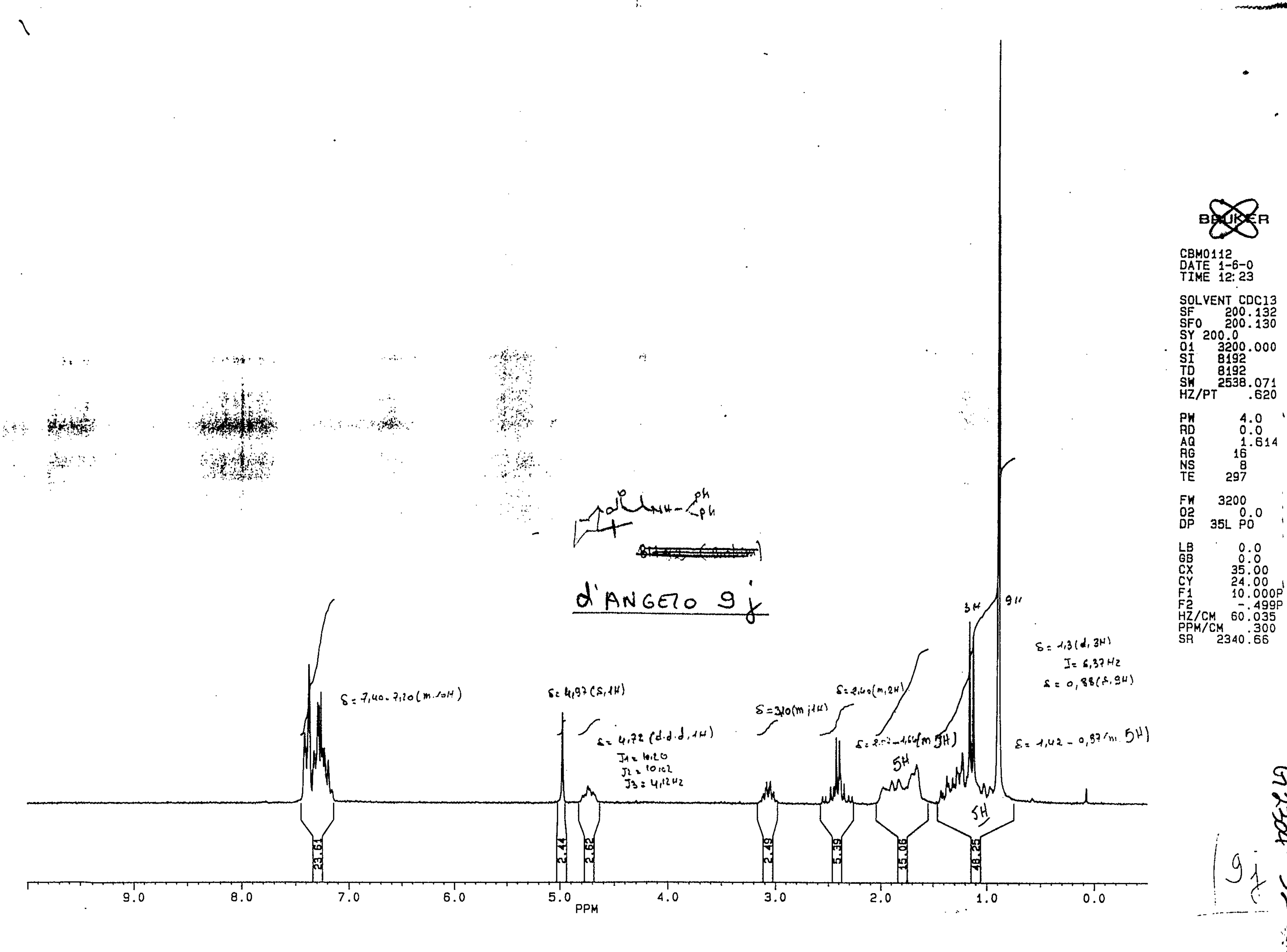

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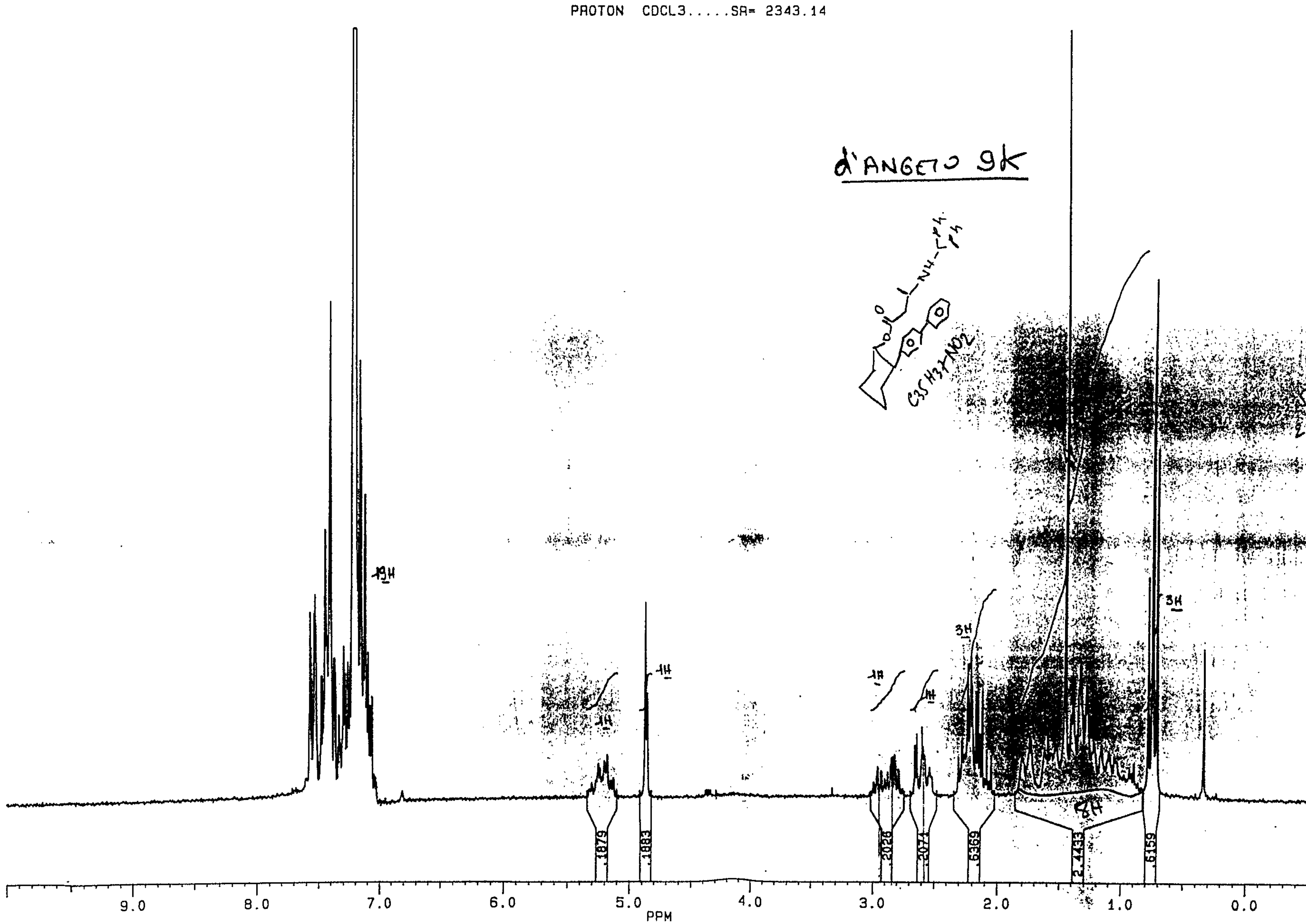

jo952304-33

9K

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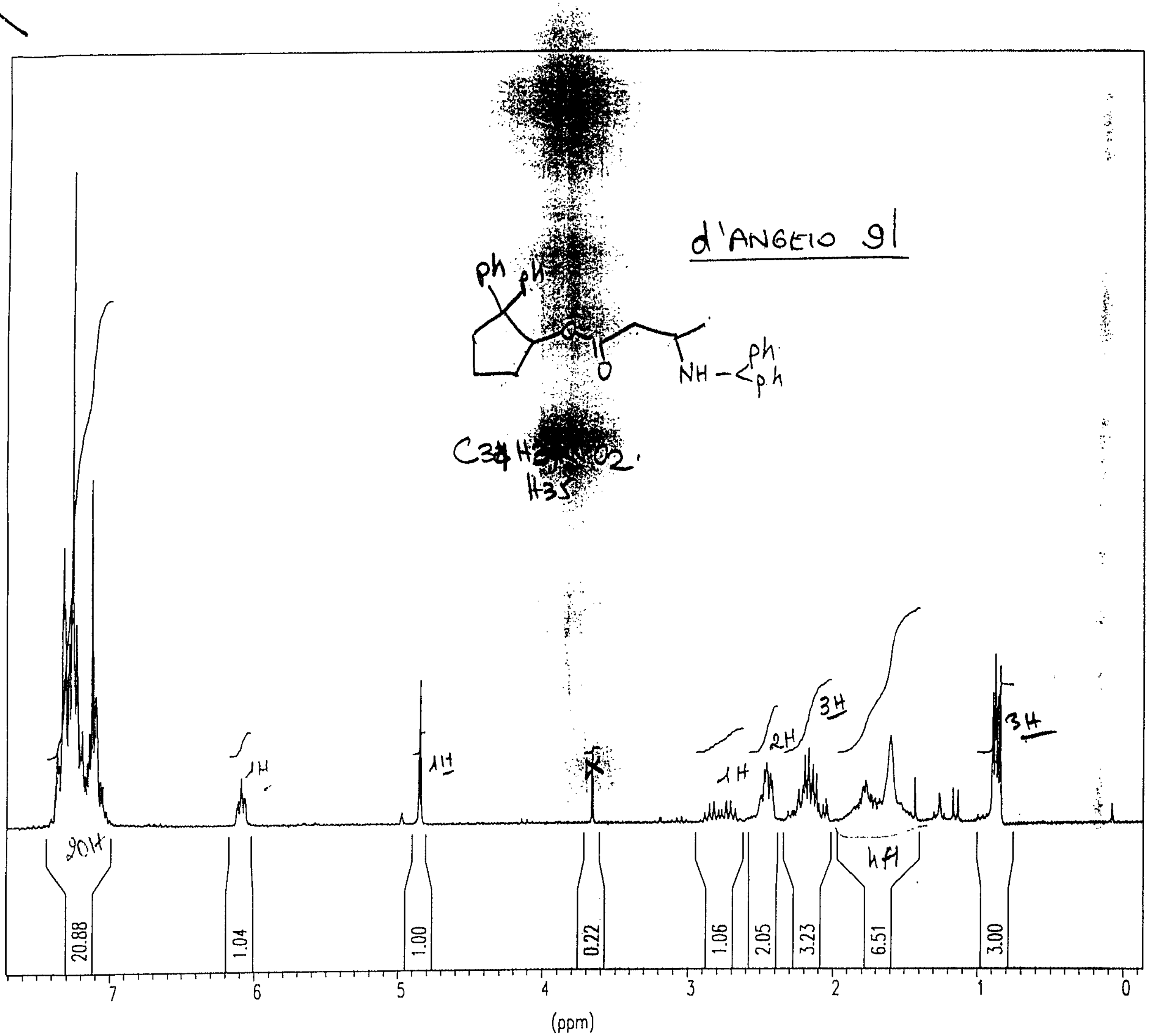

*** Current Data Parameters ***

NAME	:	CFDU217
EXPNO	:	300
PROCNO	:	1

*** Acquisition Parameters ***

AQmod	:	qseq
DECSTAT	:	CPD
DP	:	0
DS	:	0
INSTRUM	:	AM
NS	:	32
NUCLEUS	:	Nuc ?
O1	:	3255.95 Hz
O2	:	2229.00 Hz
PULPROG	:	
RO	:	84 Hz
SFO1	:	200.1355959 MHz
SW	:	11.2032 ppm
SWh	:	2242.152 Hz
TD	:	8192
TE	:	297 K
YMINa	:	5110

*** Processing Parameters ***

LB	:	0.00 Hz
OFFSET	:	10.178 ppm

91

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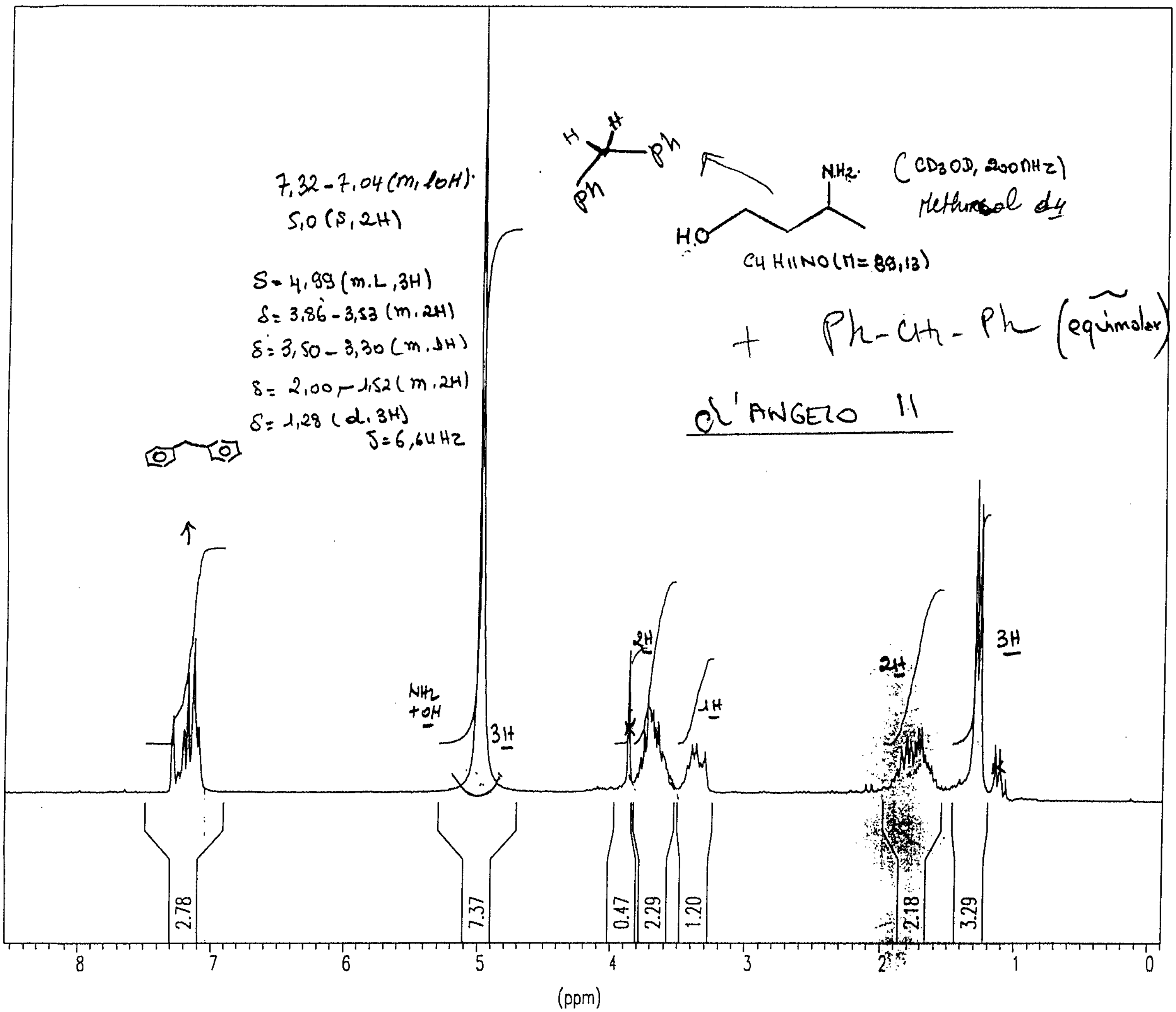
29-11-94.



*** Current Data Parameters ***

NAME	:	CBME173A
EXPNO	:	100
PROCNO	:	1
Solvent		CD3OD

*** Acquisition Parameters ***

AQmod	:	qseq
DECSTAT	:	CPD
DP	:	0
DS	:	0
INSTRUM	:	AM
NS	:	16
NUCLEUS	:	Nuc ?
O1	:	4392.93 Hz
O2	:	0.00 Hz
PULPROG	:	
RO	:	84 Hz
SFO1	:	200.1378620 MHz
SW	:	13.5776 ppm
SWh	:	2717.391 Hz
TD	:	8192
TE	:	297 K
YMINa	:	0

*** Processing Parameters ***

LB	:	0.00 Hz

11

G7 2304-35

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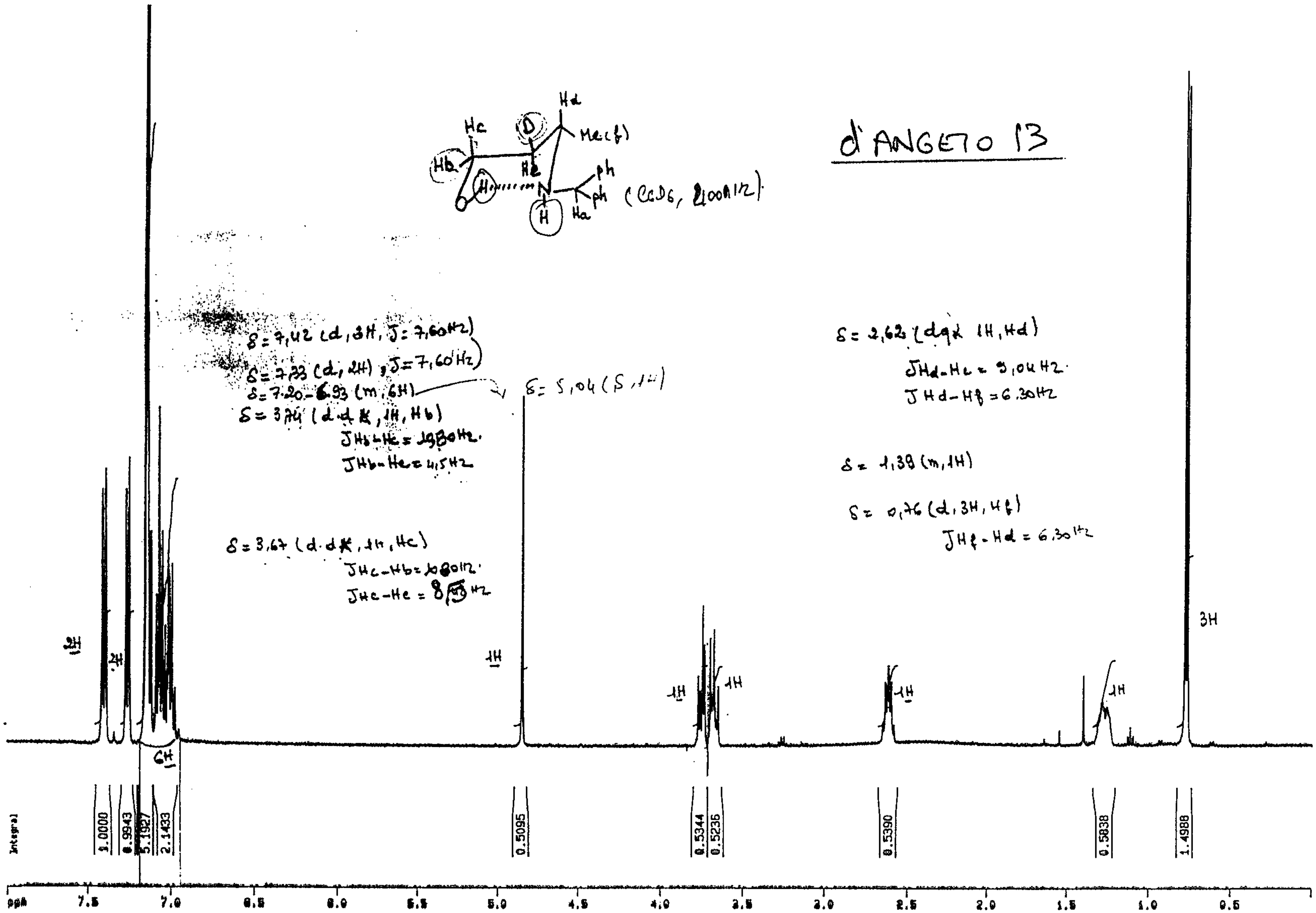

Current Data Parameters

NAME	bm191h
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Date	950123
Time	15.33
PULPROG	zg30
SOLVENT	~~CDCl3~~ benzene d6
AQ	8.5852356 sec
FIDRES	0.058240 Hz
DW	131.0 usec
RG	512
NUCLEUS	1H
D1	4.0000000 sec
P1	5.0 usec
DE	163.7 usec
SFO1	400.1286214 MHz
SWH	3816.79 Hz
TD	65536
NS	8
DS	0

F2 - Processing parameters

SI	32768
SF	400.1271357 MHz
WDW	EM
SSB	0
LB	0.00 Hz
GB	0
PC	0.50

1D NMR plot parameters

CX	33.00 cm
F1P	8.000 ppm
F1	3201.02 Hz
F2P	0.000 ppm
F2	0.00 Hz
PPMCM	0.24242 ppm/cm
HZCM	97.00052 Hz/cm

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jo2304-36

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