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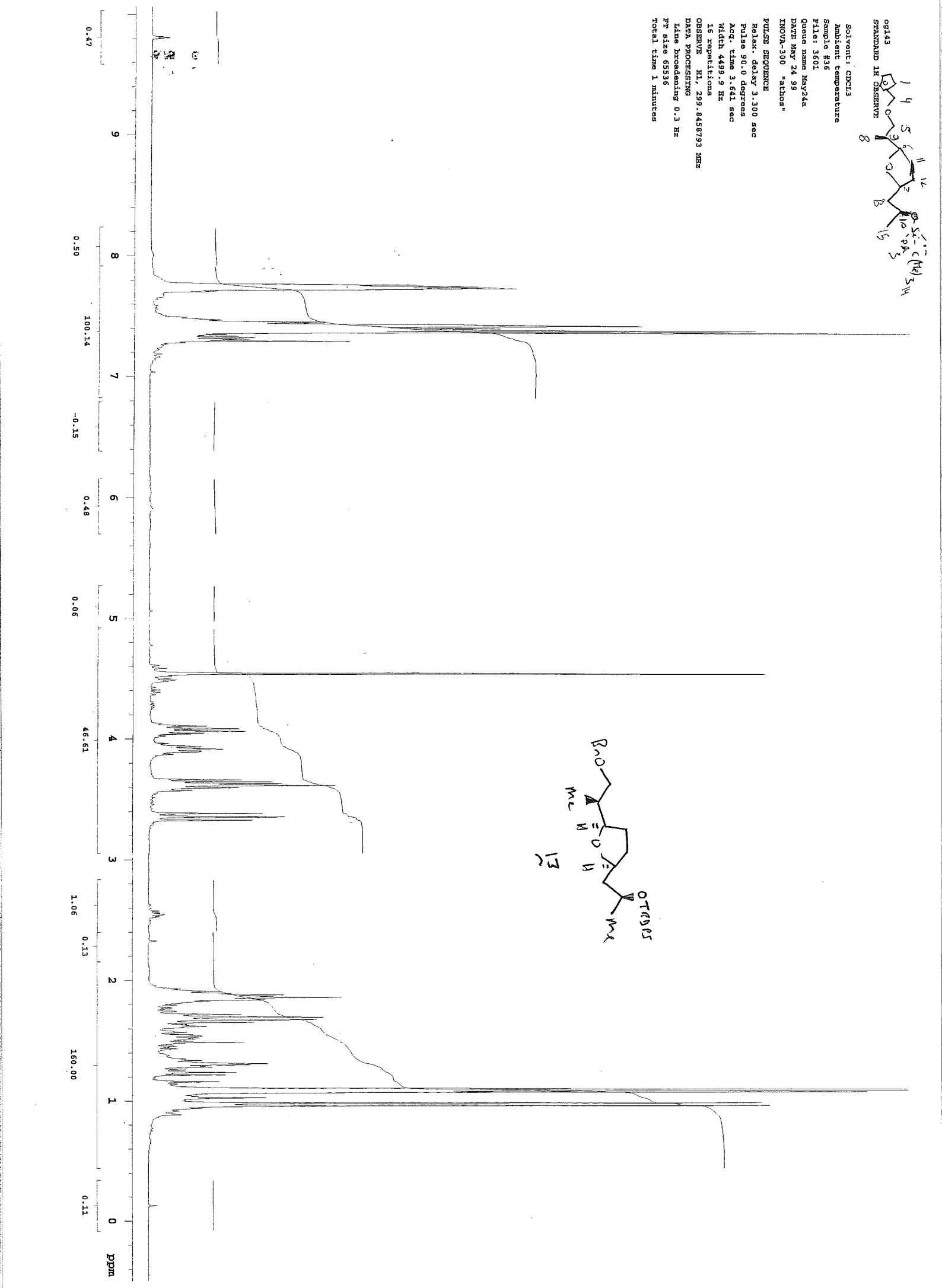

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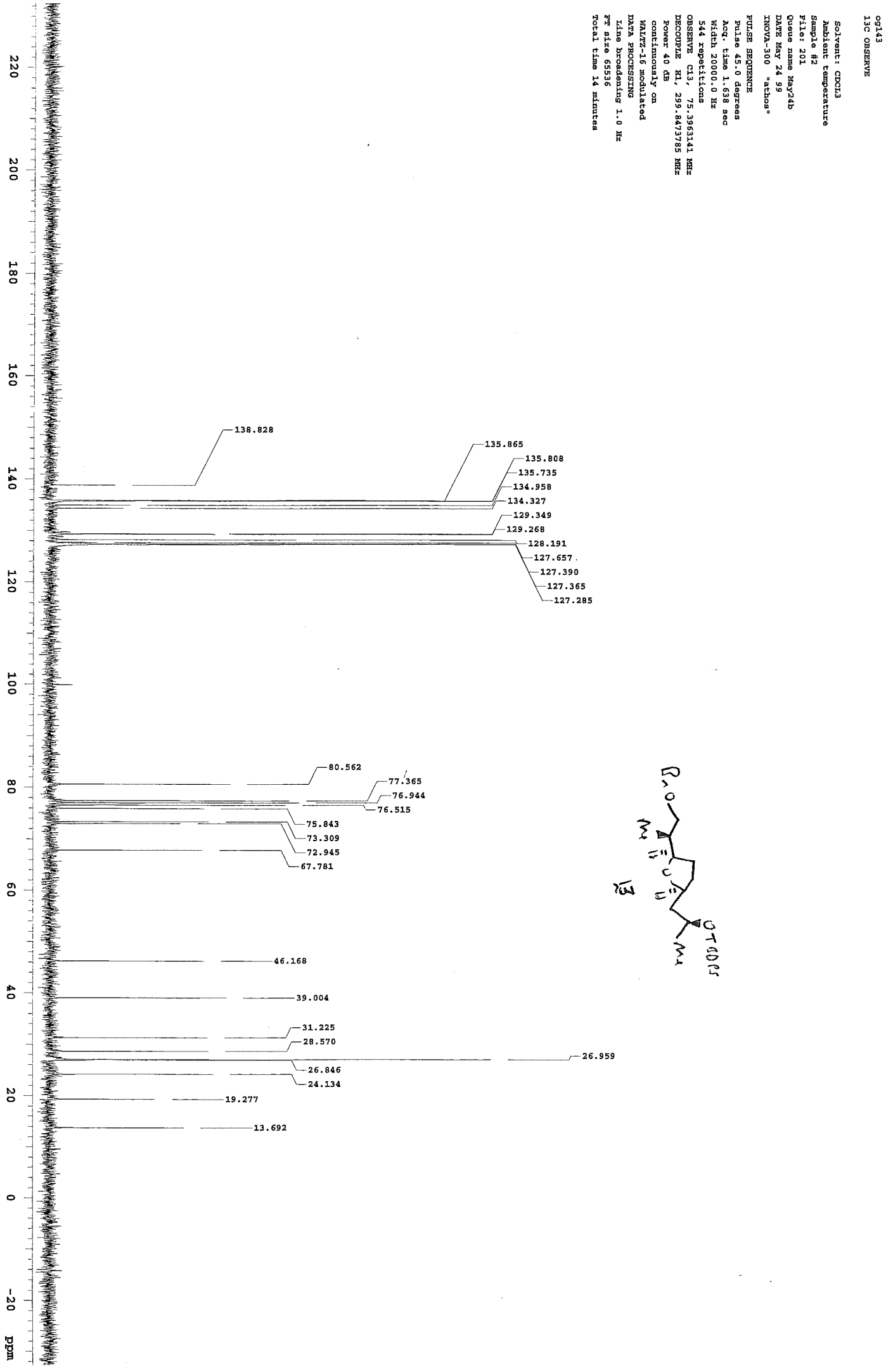
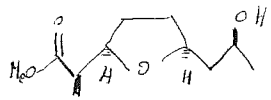




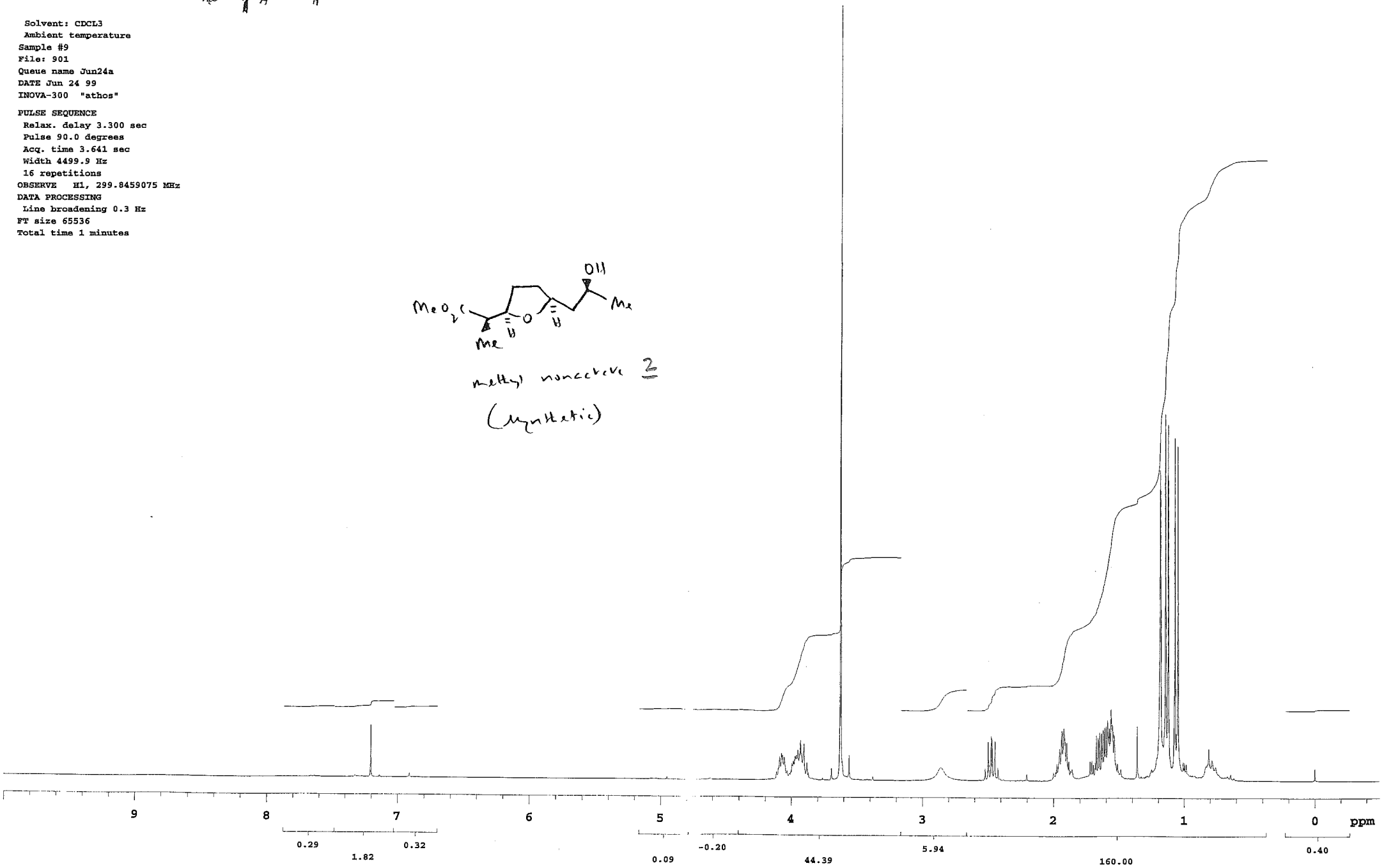
OG167
STANDARD 1H OBSERVE

Solvent: CDCL3
Ambient temperature
Sample #9
File: 901
Queue name Jun24a
DATE Jun 24 99
INOVA-300 "athos"

PULSE SEQUENCE
Relax. delay 3.300 sec
Pulse 90.0 degrees
Acq. time 3.641 sec
Width 4499.9 Hz
16 repetitions
OBSERVE H1, 299.8459075 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 65536
Total time 1 minutes

methyl nonactate 2

(synthetic)



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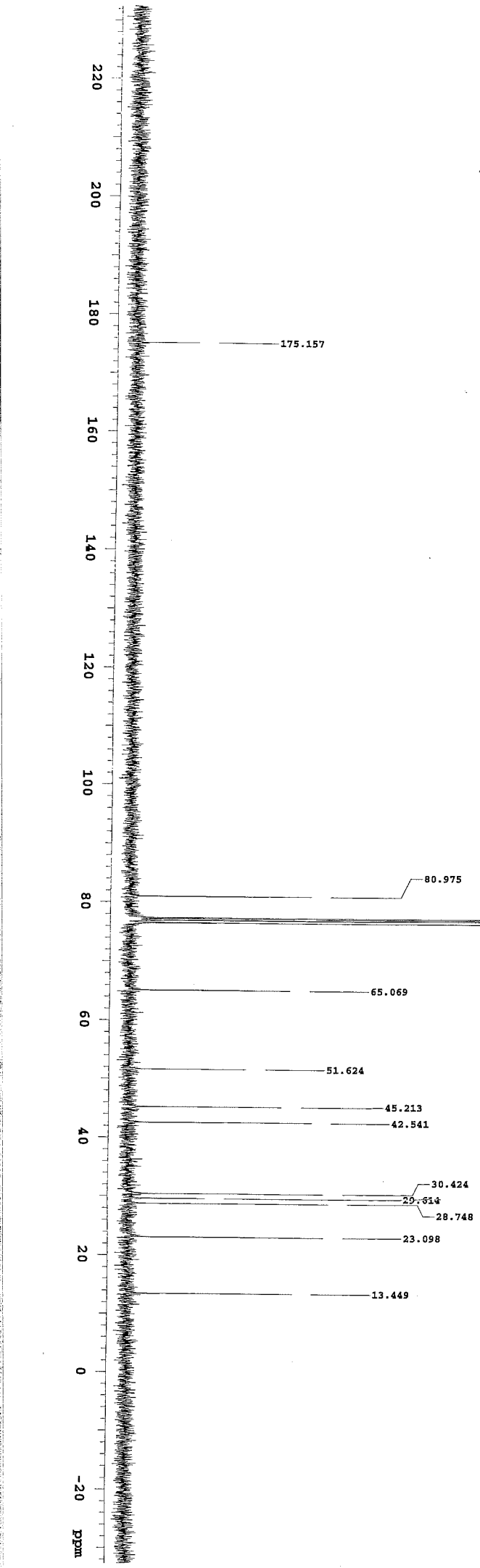
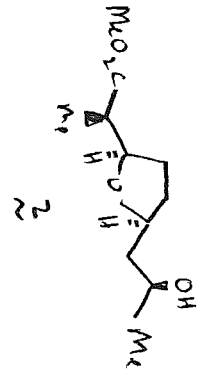
og167
13C OBSERVE

Solvent: CDCl3
Ambient temperature
Sample #13
File: 1301
Queue name Jun28b
DATE Jun 28 99
INOVA-300 "athos"

PULSE SEQUENCE
Pulse 45.0 degrees
Acq. time 1.638 sec
Width 20000.0 Hz
1024 repetitions
OBSERVE C13, 75.3963141 MHz
DECOUPLE H1, 299.8473785 MHz
Power 40 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
line broadening 1.0 Hz
FT size 65536
Total time 27 minutes





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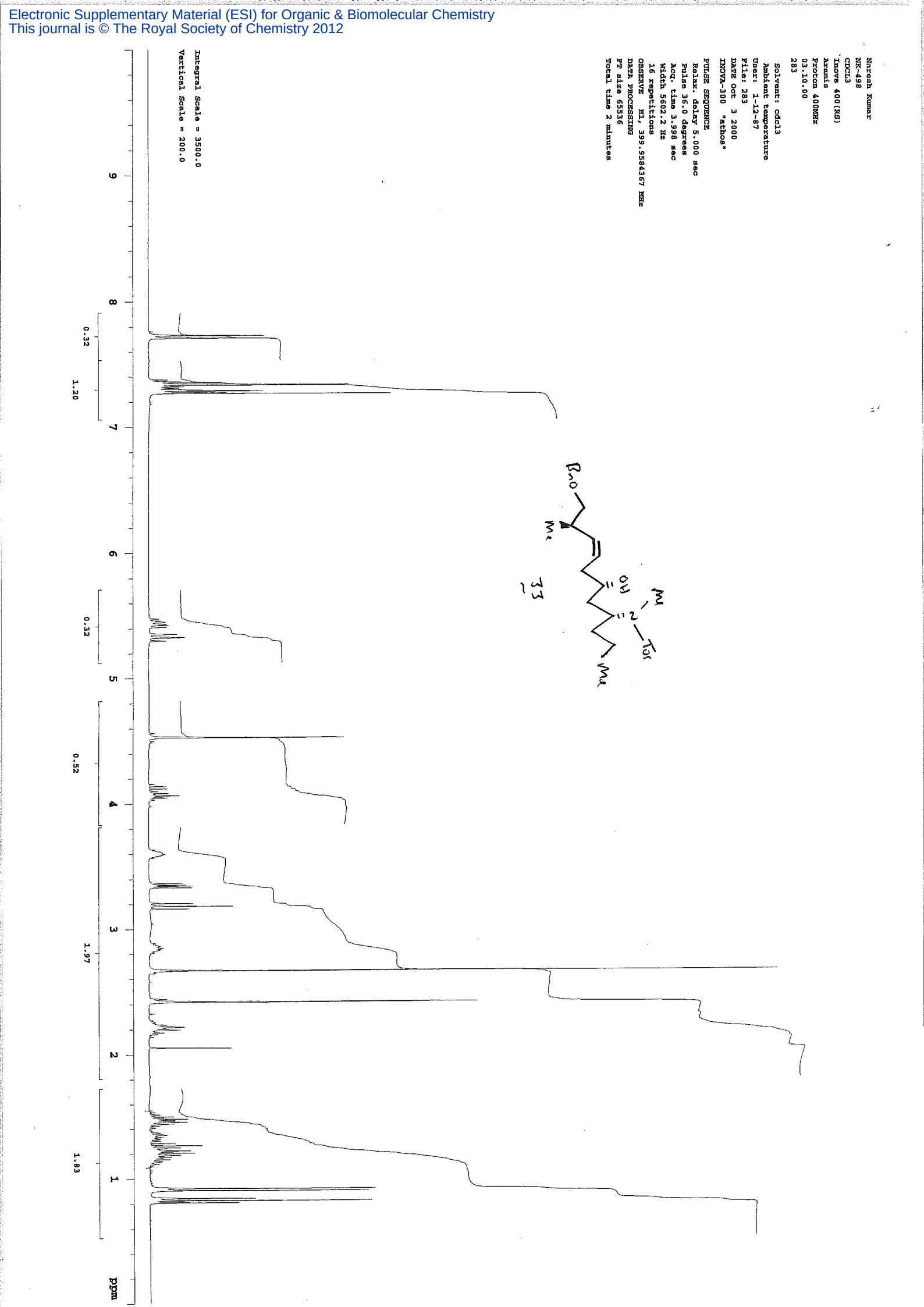

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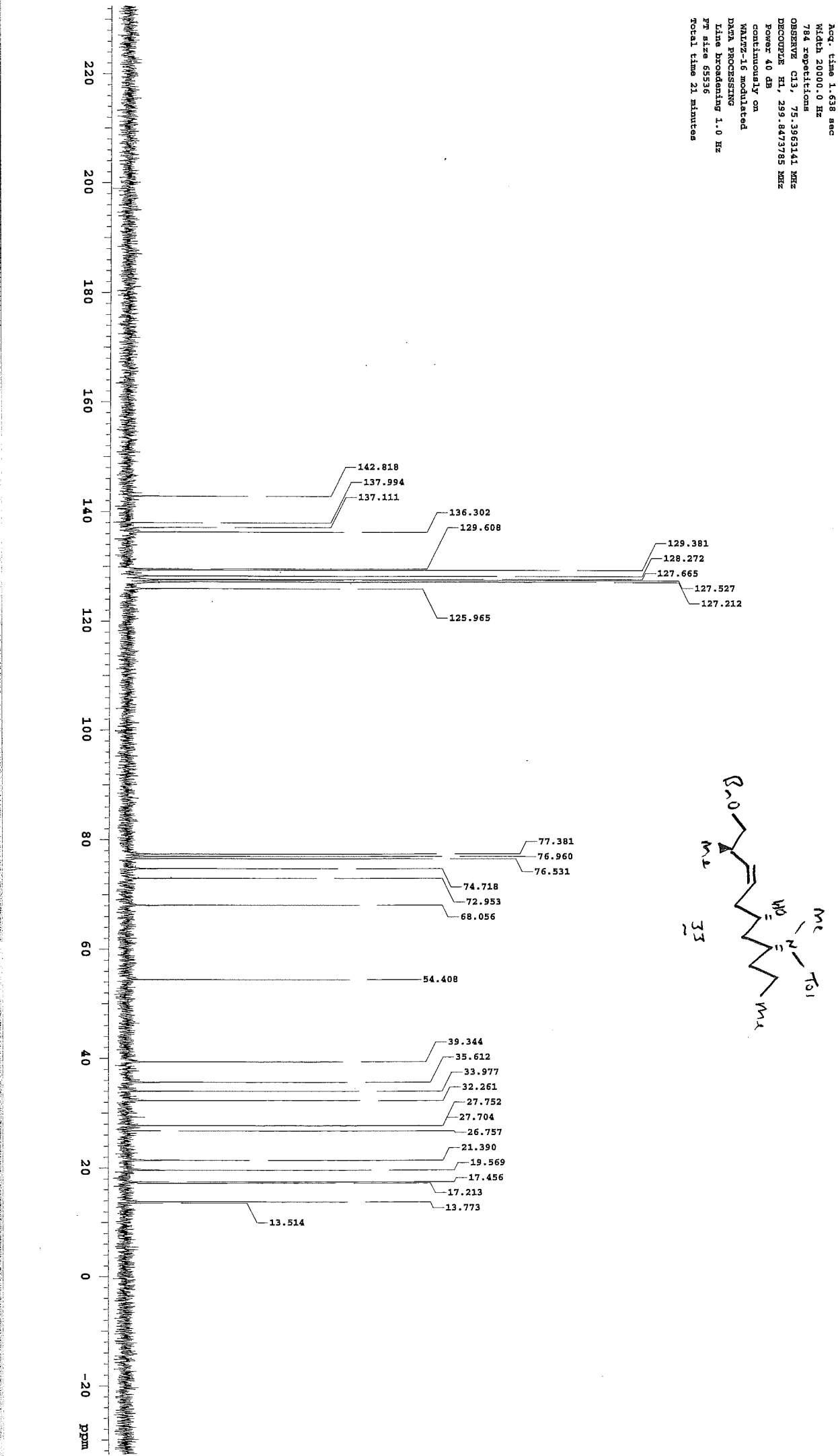

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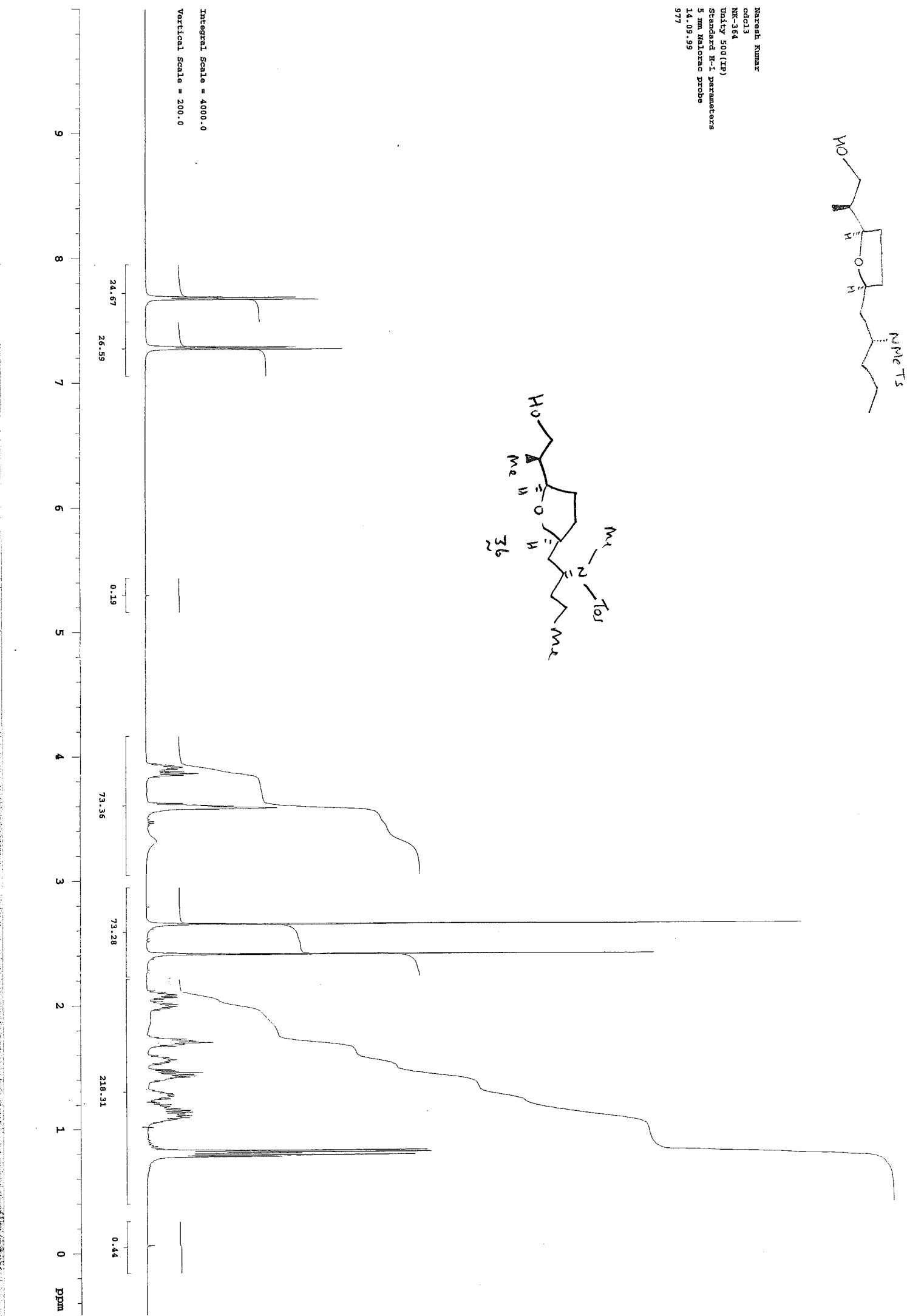

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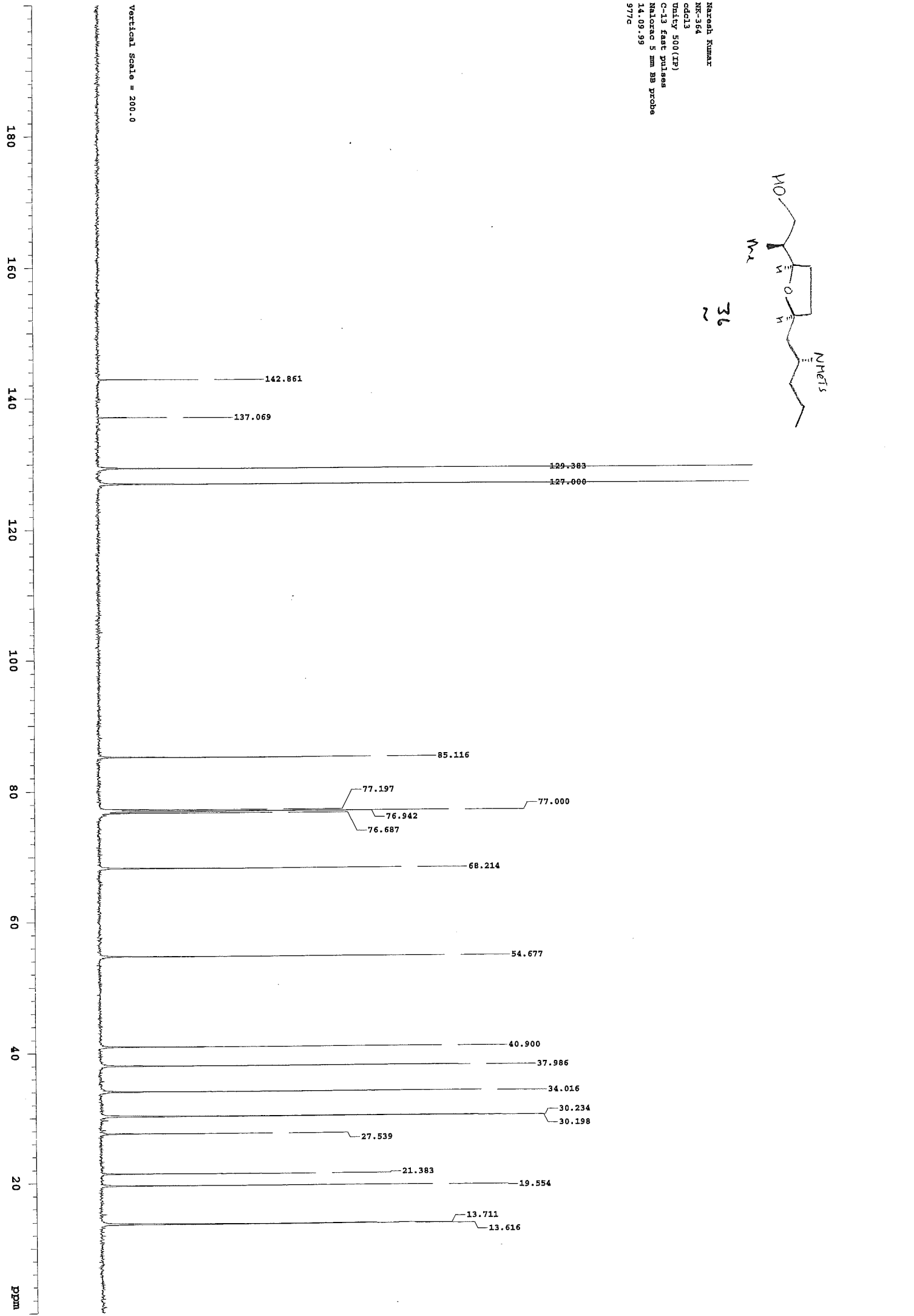

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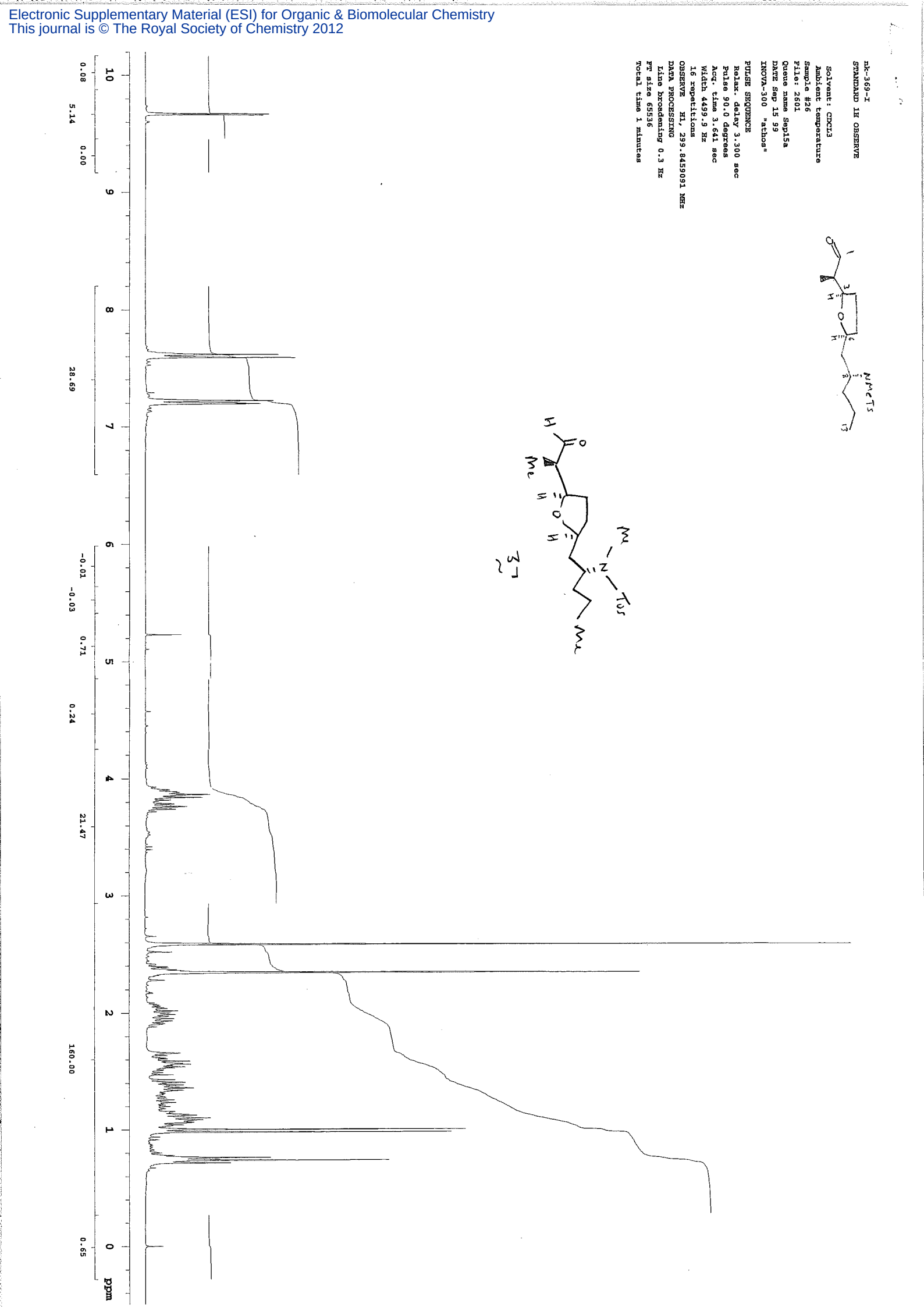

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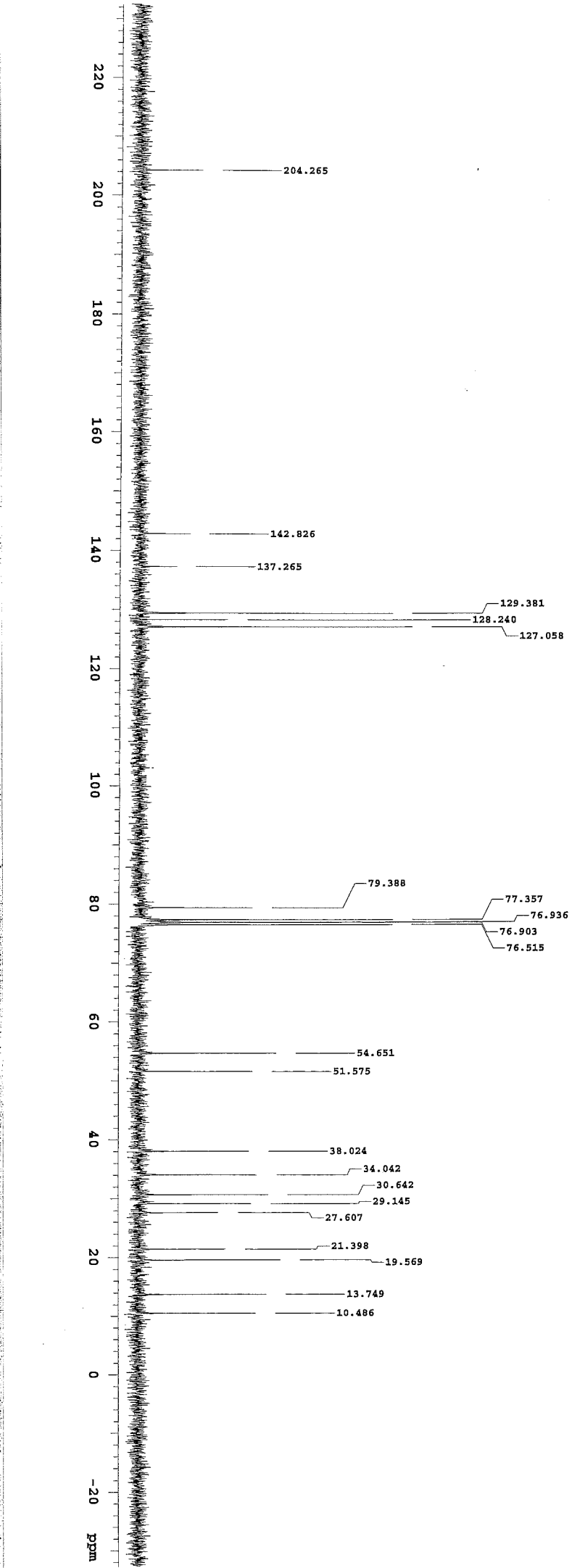
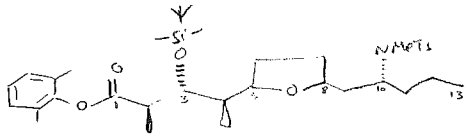
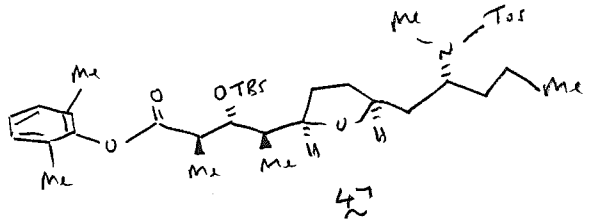


N Kumar
NK-405 B
cdcl3
H1
196
5 mm PFG triple probe
Unity 500(PJK)
21-12-99

Solvent: cdcl3
Ambient temperature
User: 1-15-87
File: 196
DATE Dec 21 99
INOVA-300 "athos"

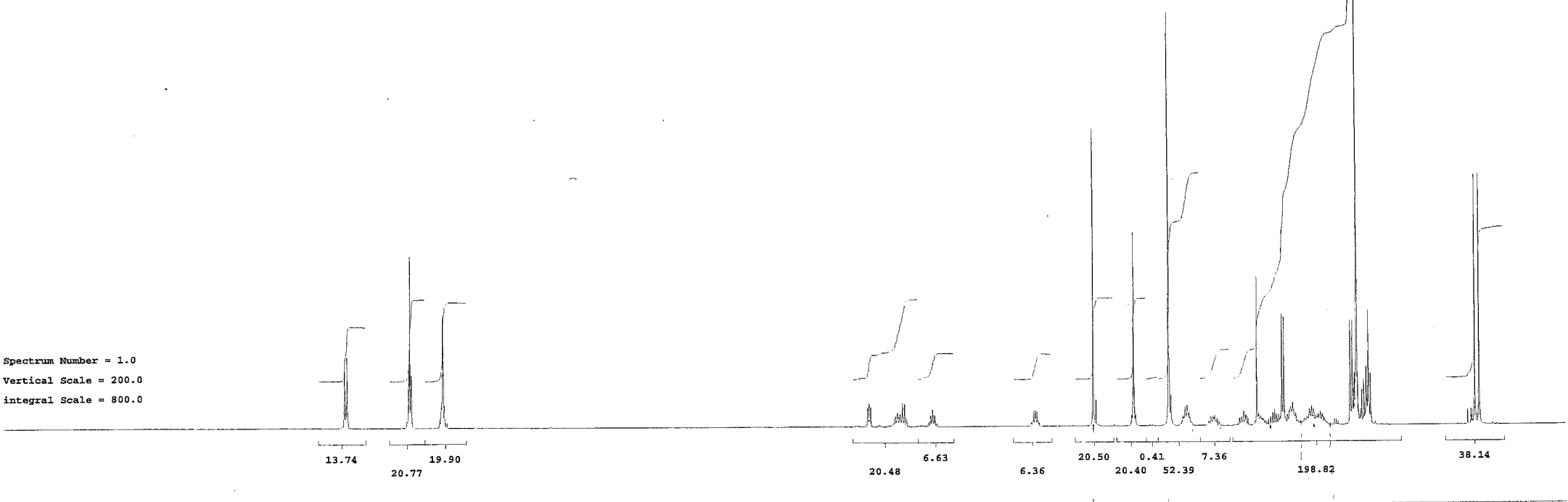
PULSE SEQUENCE
Relax. delay 5.000 sec
Pulse 101.4 degrees
Acq. time 4.000 sec
Width 7000.4 Hz
16 repetitions
OBSERVE H1, 499.8462700 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 65536
Total time 2 minutes
PLOTTING SCALE
Vertical Scale 200.0
Integral Scale 800.0





47

Spectrum Number = 1.0
Vertical Scale = 200.0
integral Scale = 800.0



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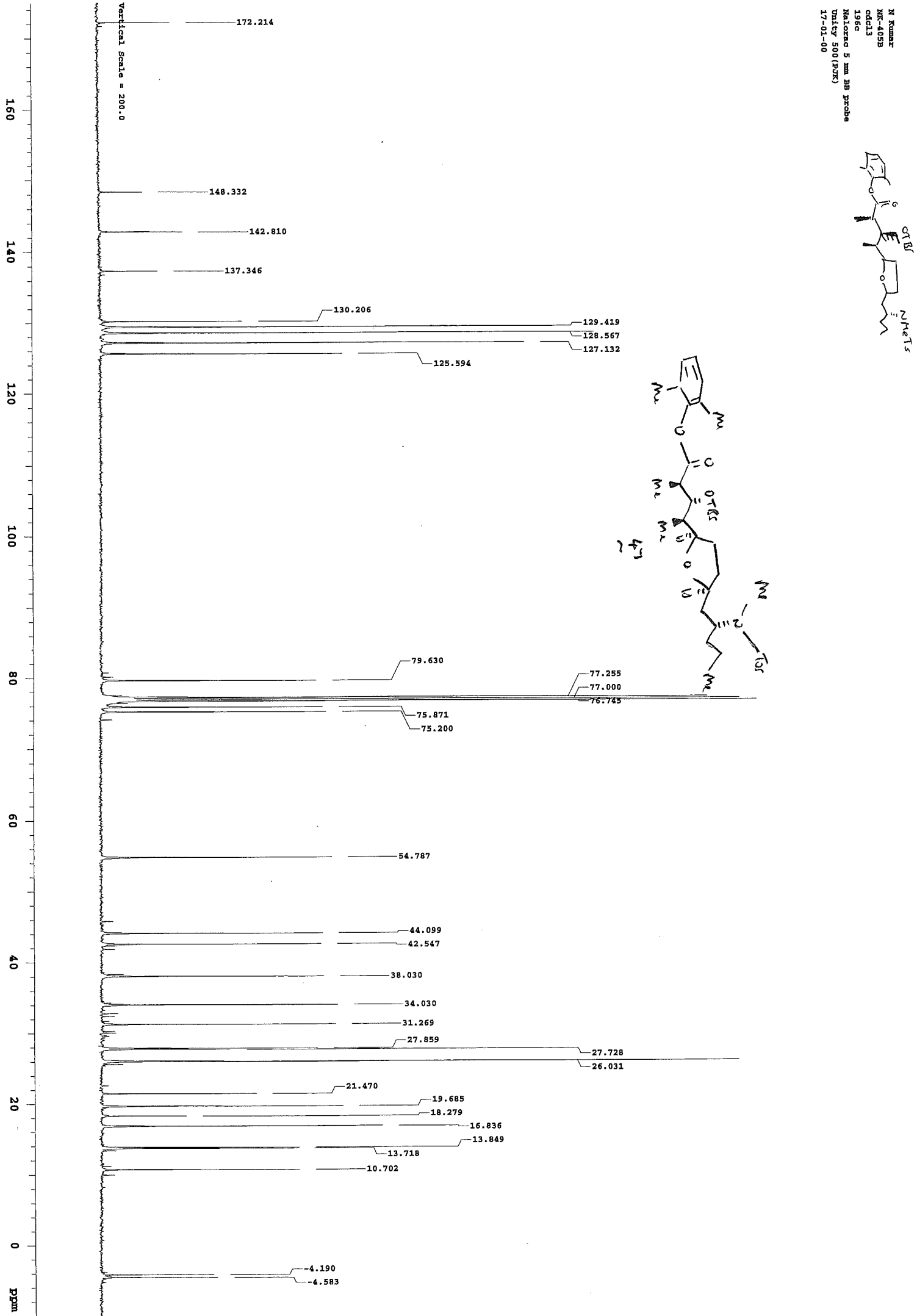
N Kumar
NK-405B
cdcl3
196c
Nalorac 5 mm BB probe
Unity 500(PJK)
17-01-00
Vertical Scale = 200.0
172.214
148.332
142.810
137.346
130.206
129.419
128.567
127.132
125.594
79.630
77.255
77.000
76.745
75.871
75.200
54.787
44.099
42.547
38.030
34.030
31.269
27.859
27.728
26.031
21.470
19.685
18.279
16.836
13.849
13.718
10.702
-4.190
-4.583
160
140
120
100
80
60
40
20
0
ppm

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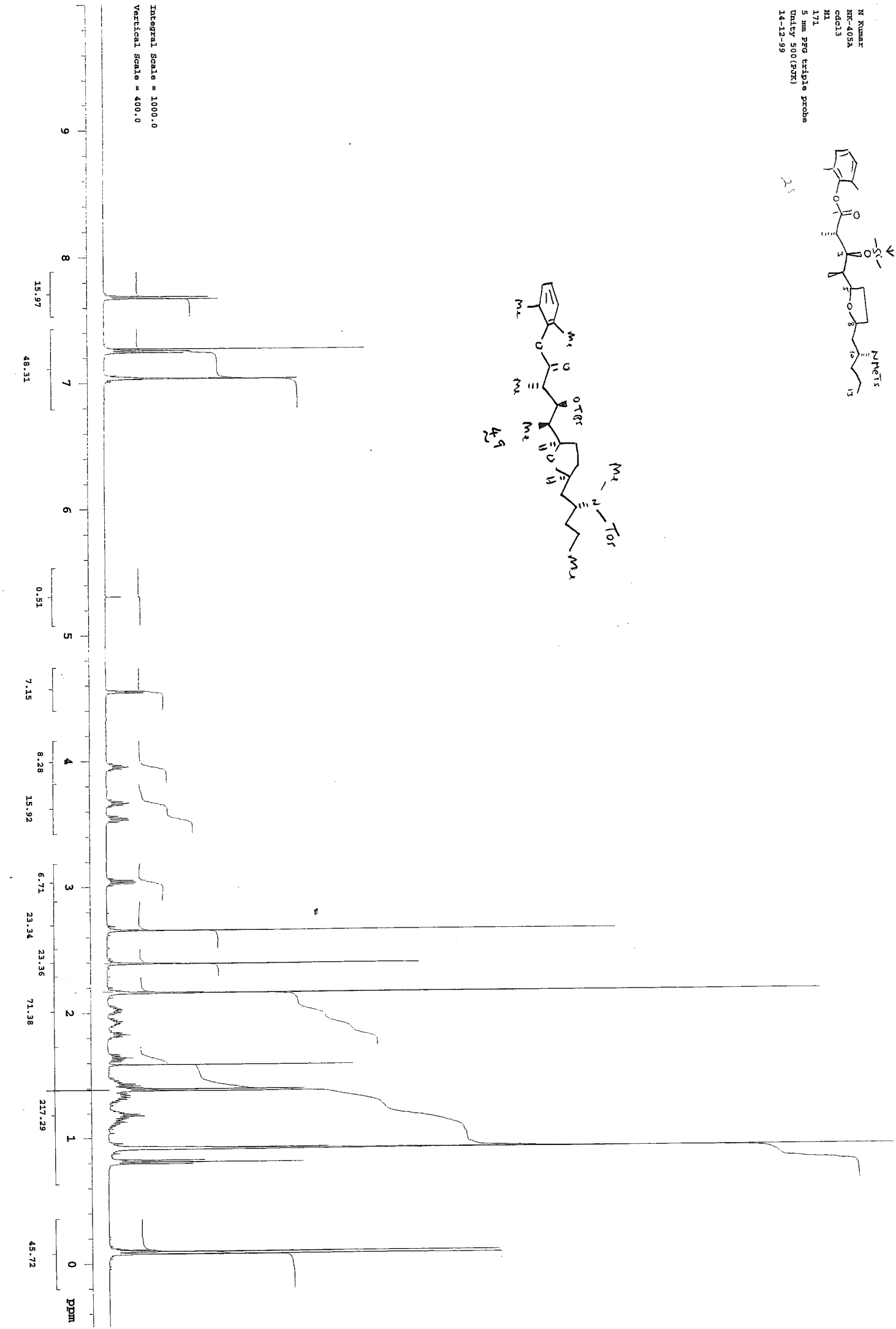
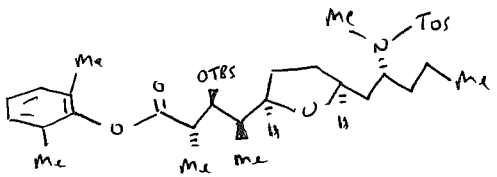


N Kumar
NK-405A
cdcl3
171c
Nalorac 5 mm BB probe
Unity 500(PJK)
06-01-00

Solvent: cdcl3
Ambient temperature
User: 1-15-87
File: 171
DATE Jan 6 00
INOVA-300 "athos"

PULSE SEQUENCE
Pulse 54.0 degrees
Acq. time 1.005 sec
Width 30007.5 Hz
54511 repetitions
OBSERVE C13, 125.6864445 MHz
DECOUPLE H1, 499.8480247 MHz
Power 37 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 3.0 Hz
FT size 65536
Total time 15.2 hours
PLOTTING SCALE
Vertical Scale 200.0
Integral Scale 8000.0

25 C



49

Vertical Scale = 200.0

200 180 160 140 120 100 80 60 40 20 0 ppm

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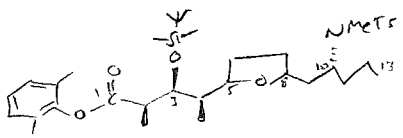
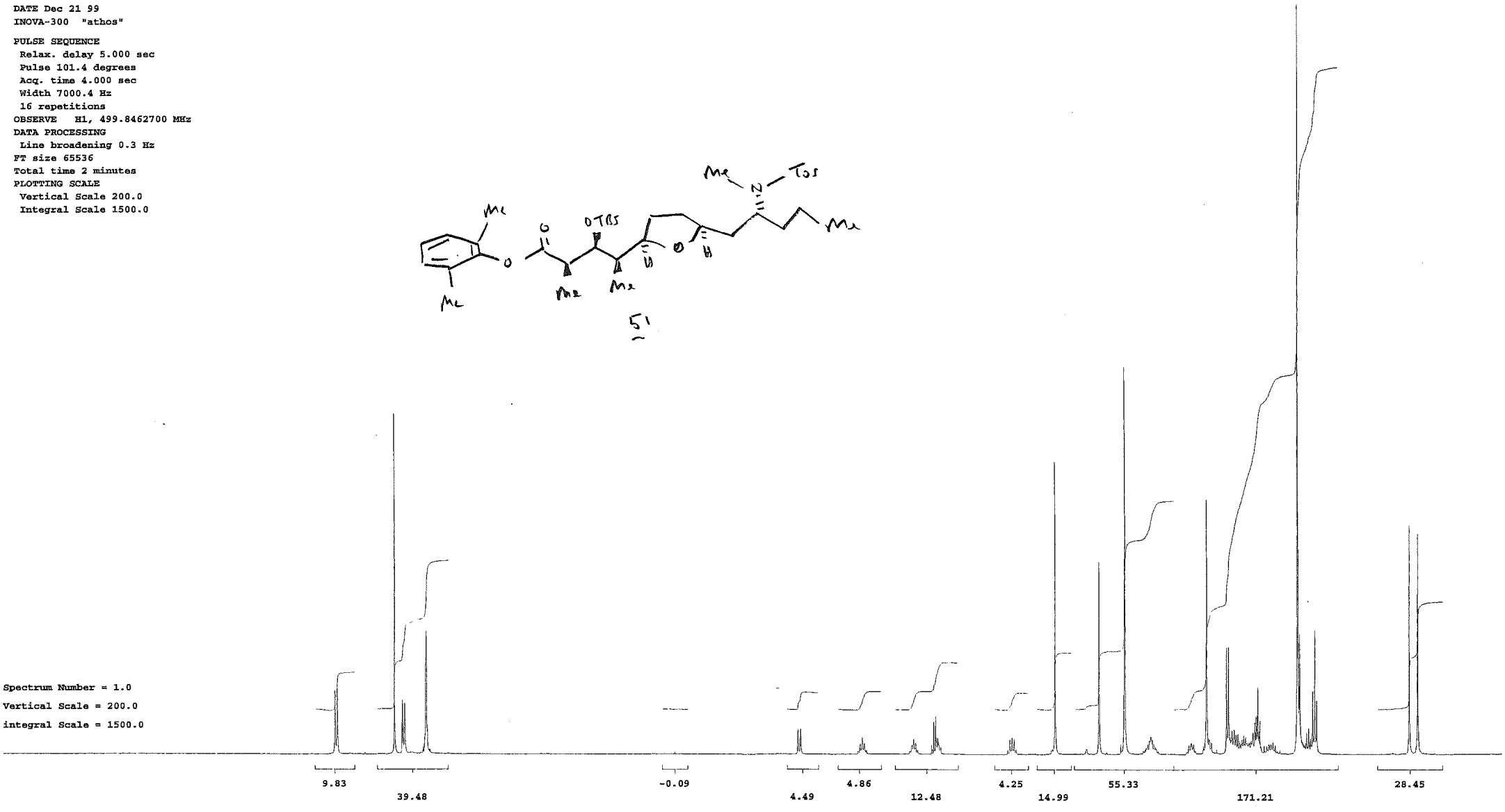
N Kumar
NK-401
cdcl3
H1
170
5 mm PFG triple probe
Unity 500(PJK)
21-12-99

Solvent: cdcl3
Ambient temperature
User: 1-15-87
File: 170
DATE Dec 21 99
INOVA-300 "athos"

PULSE SEQUENCE
Relax. delay 5.000 sec
Pulse 101.4 degrees
Acq. time 4.000 sec
Width 7000.4 Hz
16 repetitions
OBSERVE H1, 499.8462700 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 65536
Total time 2 minutes
PLOTTING SCALE
Vertical Scale 200.0
Integral Scale 1500.0



51



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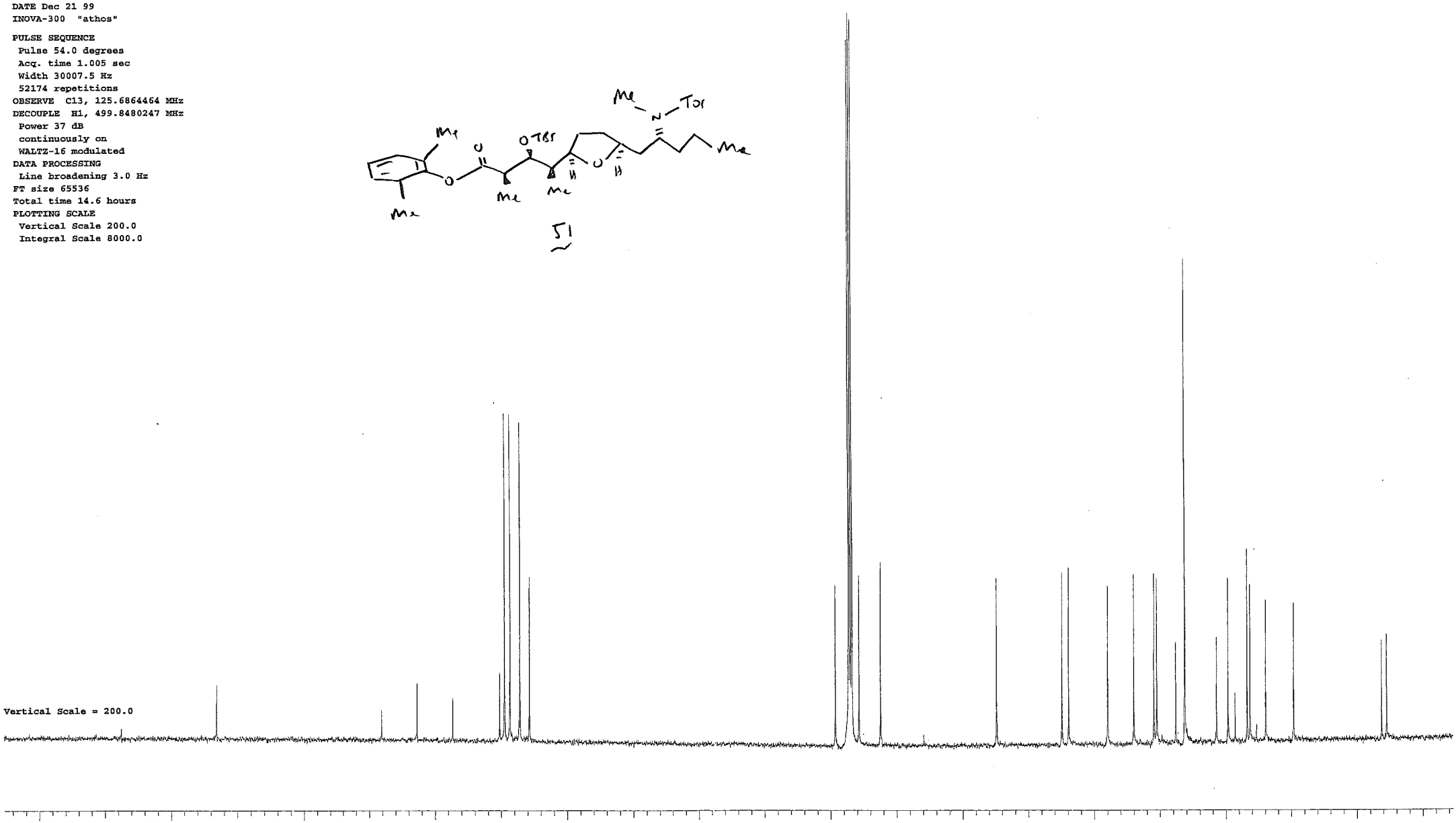
N Kumar
NK-401
cdcl3
170c
Nalorac 5 mm BB probe
Unity 500(PJK)
21-12-99

Solvent: cdcl3
Ambient temperature
User: 1-15-87
File: 170
DATE Dec 21 99
INOVA-300 "athos"

PULSE SEQUENCE
Pulse 54.0 degrees
Acq. time 1.005 sec
Width 30007.5 Hz
52174 repetitions
OBSERVE C13, 125.6864464 MHz
DECOUPLE H1, 499.8480247 MHz
Power 37 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 3.0 Hz
FT size 65536
Total time 14.6 hours
PLOTTING SCALE
Vertical Scale 200.0
Integral Scale 8000.0

51



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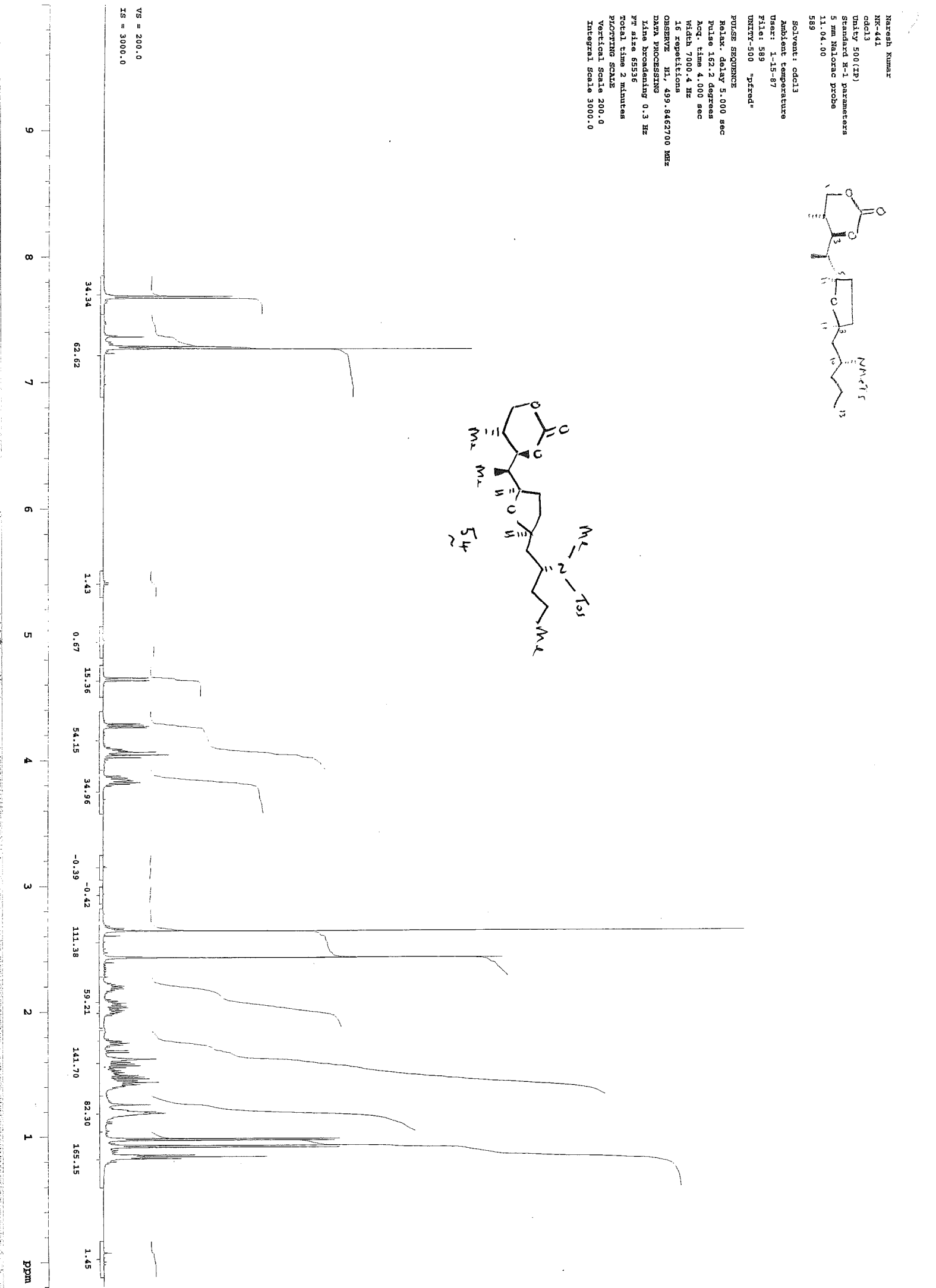

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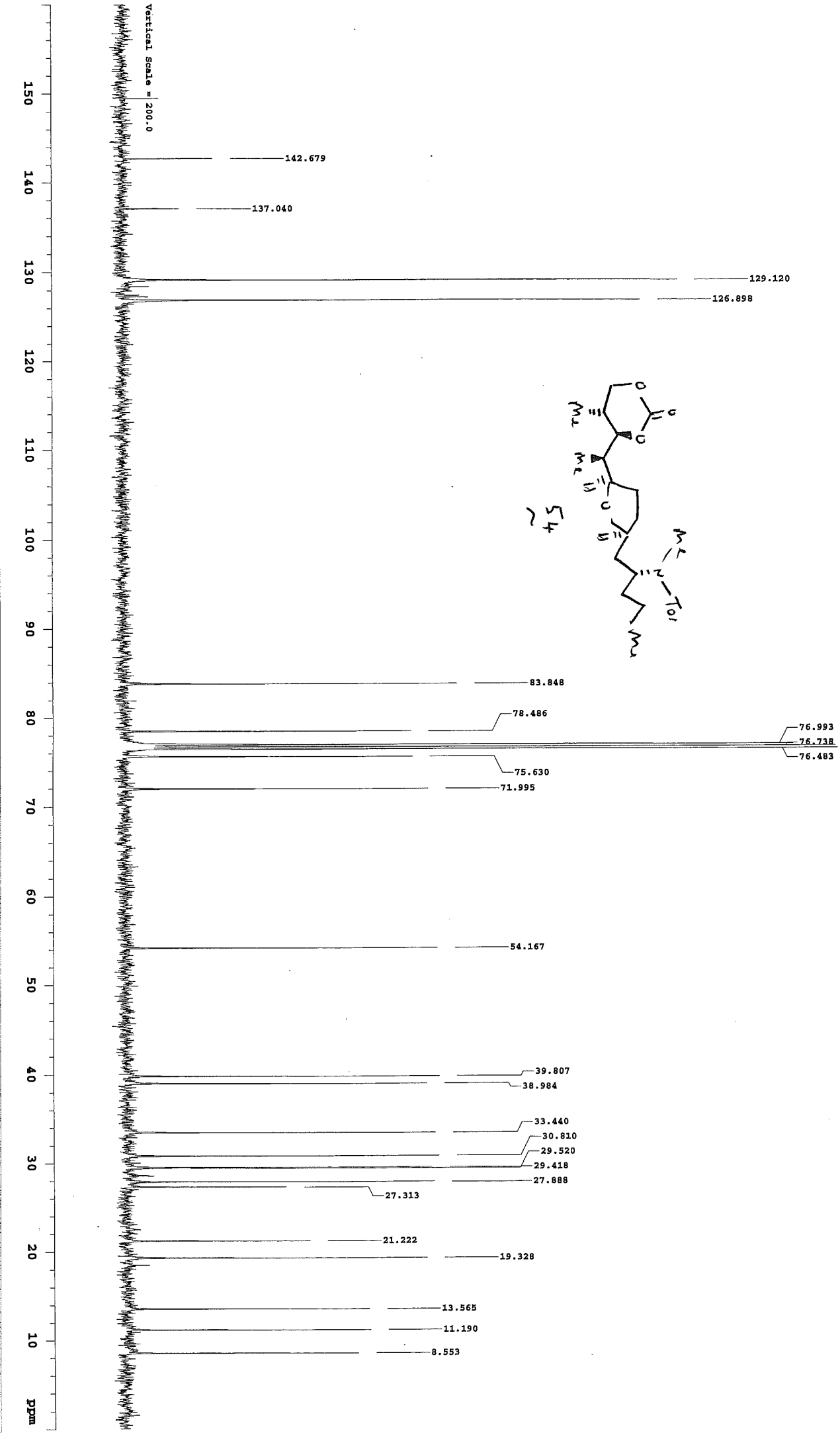
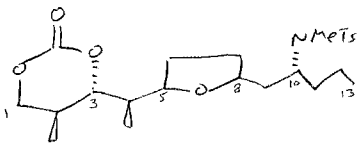
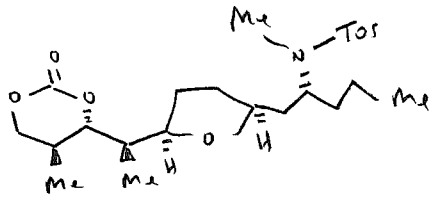


N Kumar
NK-453
cdcl3
H1
703
5 mm PFG triple probe
Unity 500(PJK)
08-05-00

Solvent: cdcl3
Ambient temperature
User: 1-15-87
File: 703
DATE May 8 00
INOVA-300 "athos"

PULSE SEQUENCE
Relax. delay 5.000 sec
Pulse 101.4 degrees
Acq. time 4.000 sec
Width 7000.4 Hz
16 repetitions
OBSERVE H1, 499.8462703 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 65536
Total time 2 minutes
PLOTTING SCALE
Vertical Scale 200.0
Integral Scale 3000.0





60

Spectrum Number = 1.0
Vertical Scale = 200.0
integral Scale = 3000.0

69.67
73.49
1.17
35.05
68.48
35.20
69.82
4.17
138.27
104.19
3.22
102.75
33.65
195.20
132.54
205.12
116.50

9 8 7 6 5 4 3 2 1 ppm

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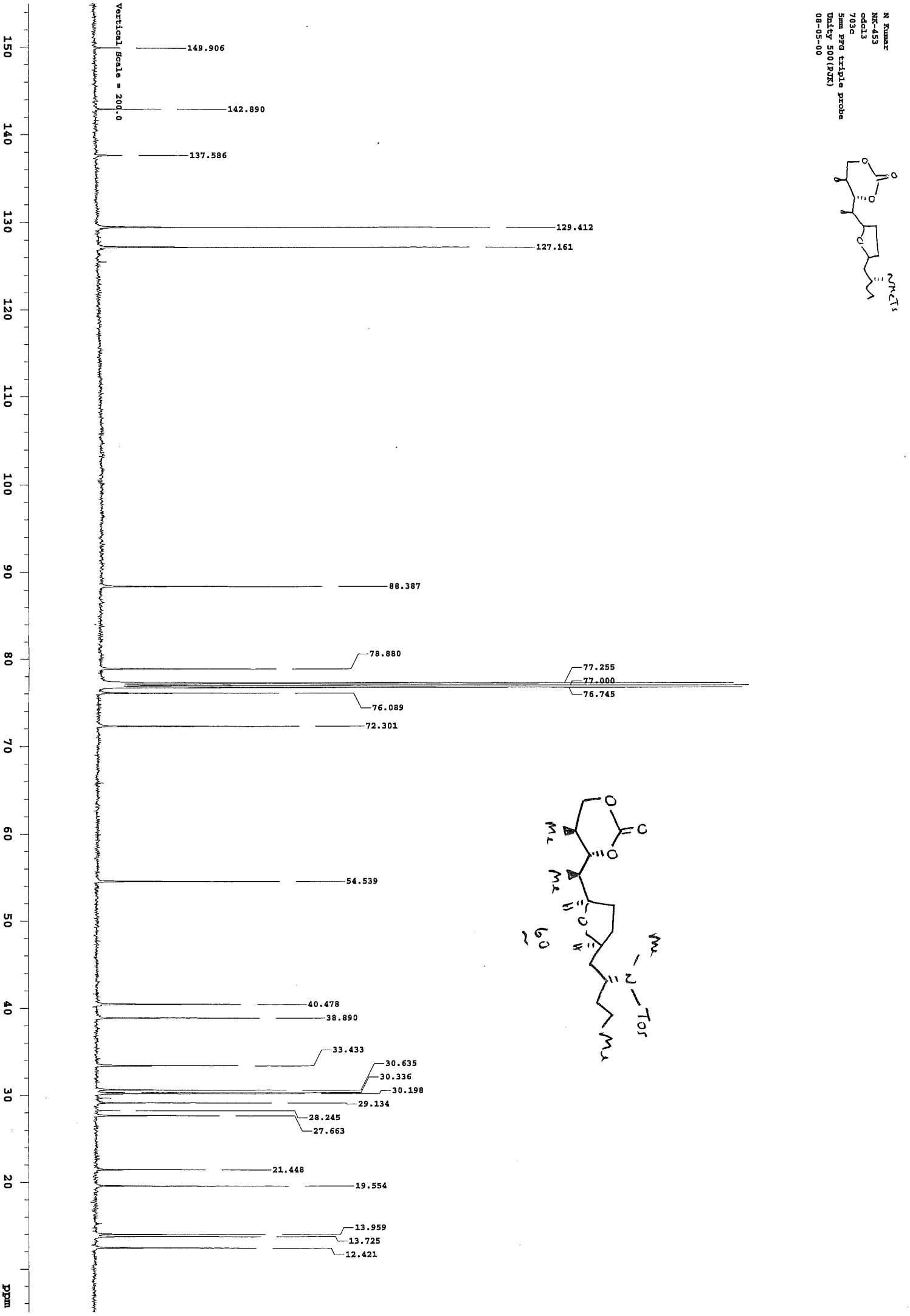
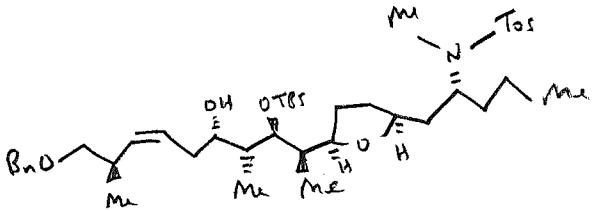


N Kumar
NK-466
cdcl3
H1
785
5 mm PFG triple probe
Unity 500(PJK)
06-06-00

Solvent: cdcl3
Ambient temperature
User: 1-15-87
File: 785
DATE Jun 6 00
INOVA-300 "athos"

PULSE SEQUENCE
Relax. delay 5.000 sec
Pulse 101.4 degrees
Acq. time 4.000 sec
Width 7000.4 Hz
16 repetitions
OBSERVE H1, 499.8462700 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 65536
Total time 2 minutes
PLOTTING SCALE
Vertical Scale 200.0
Integral Scale 1000.0



63

Spectrum Number = 1.0
Vertical Scale = 200.0
integral Scale = 1000.0

15.97
62.34
15.29
14.58
22.75
37.34
59.42
107.98
169.94
46.40

9 8 7 6 5 4 3 2 1 ppm

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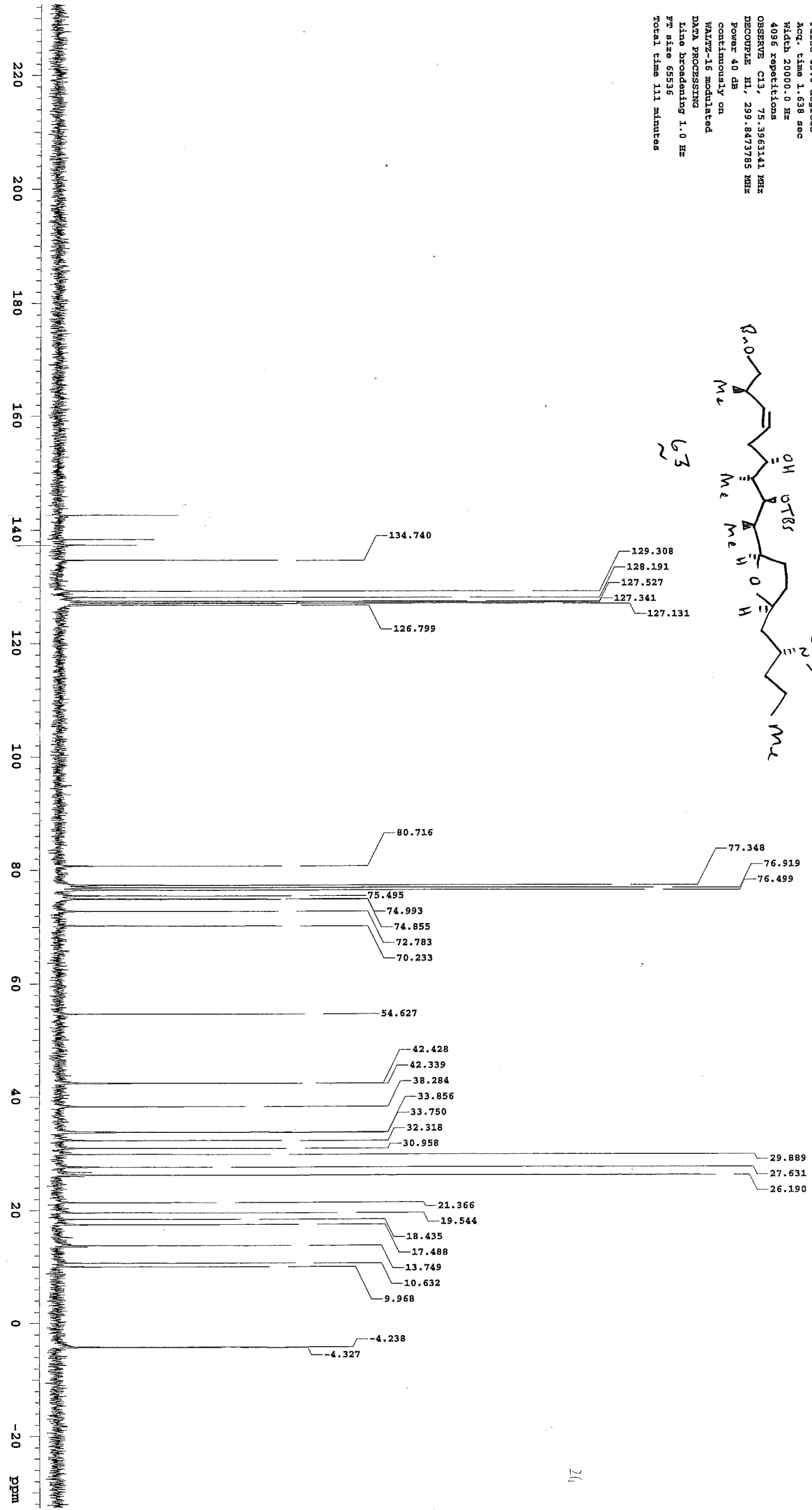

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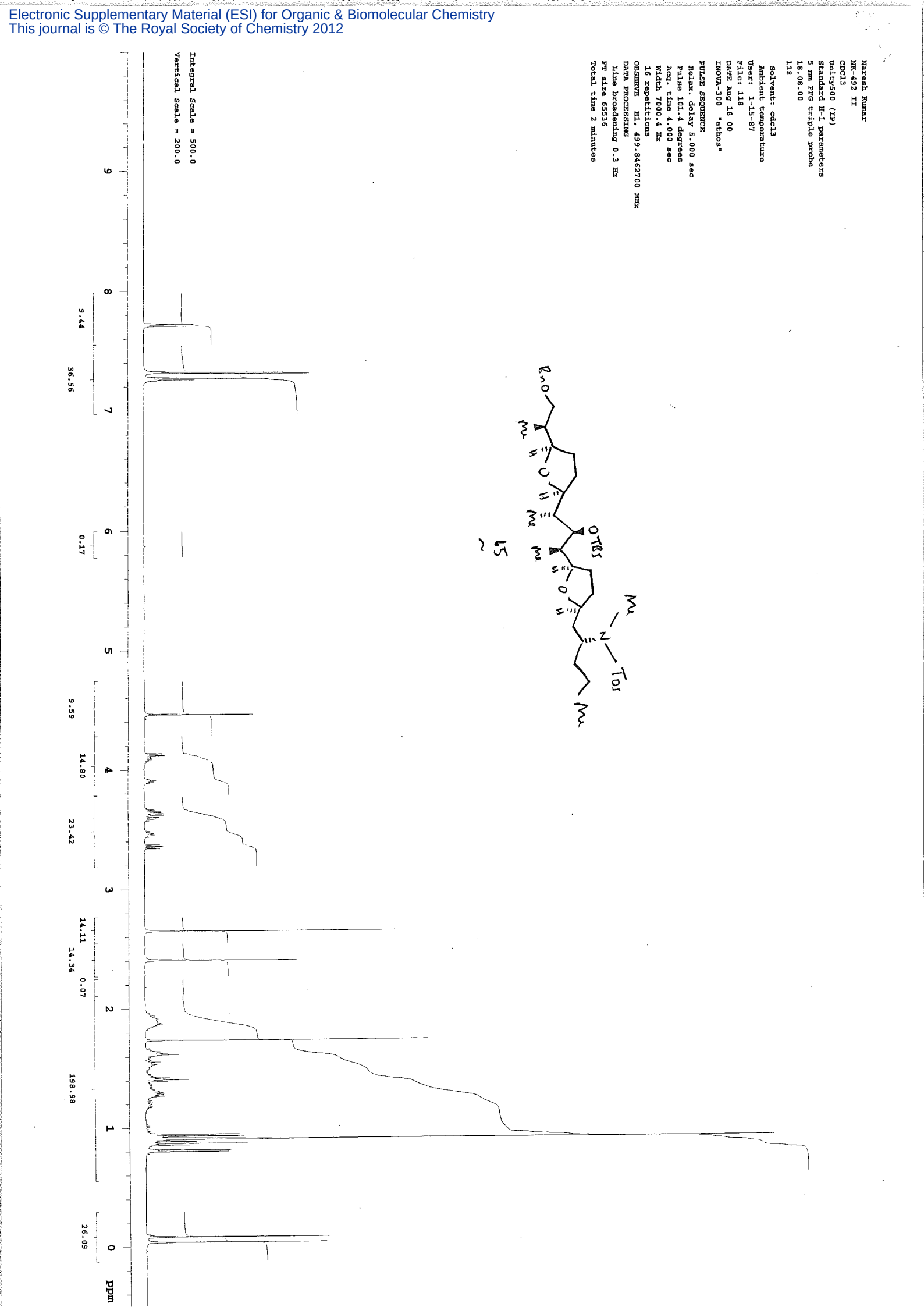

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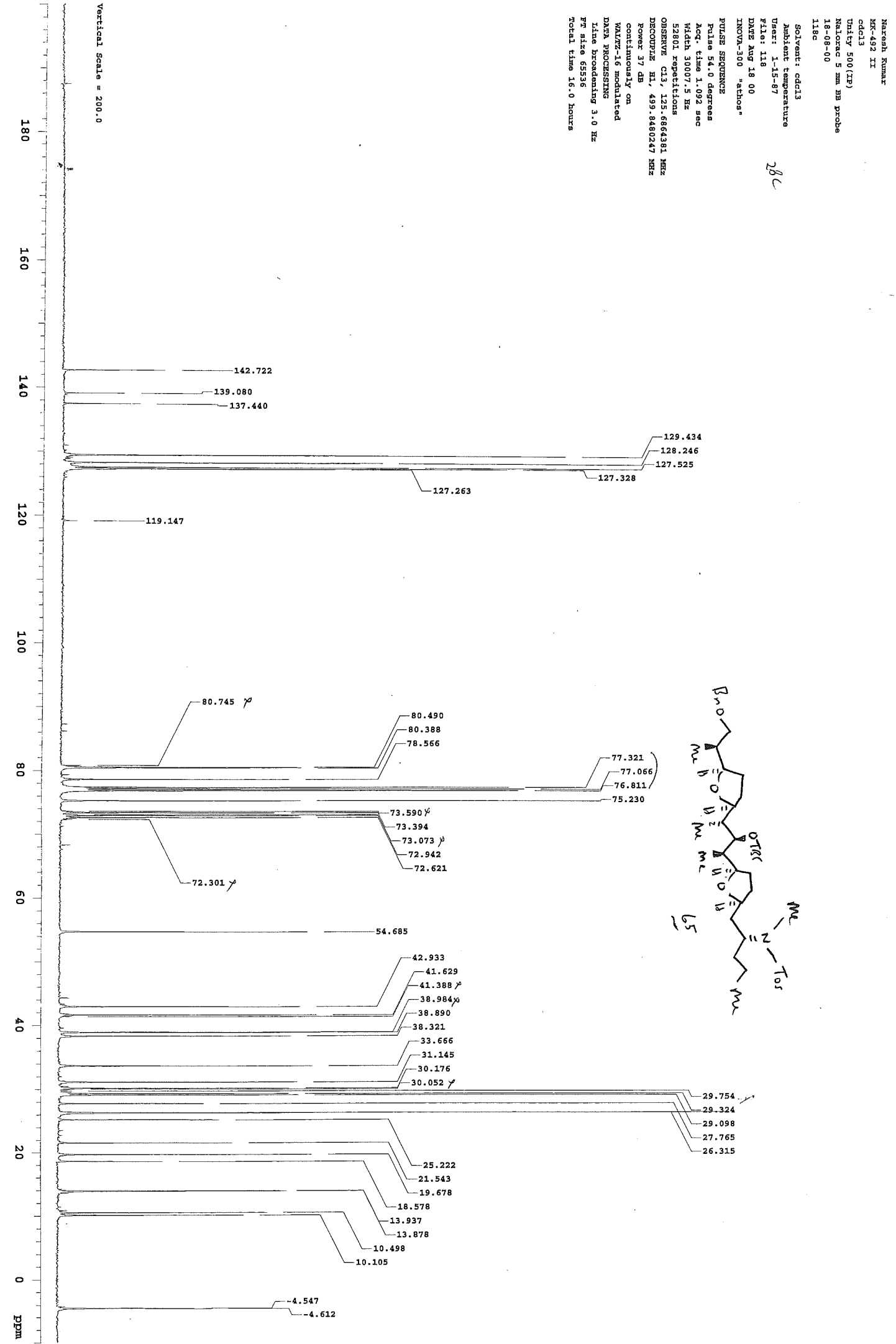

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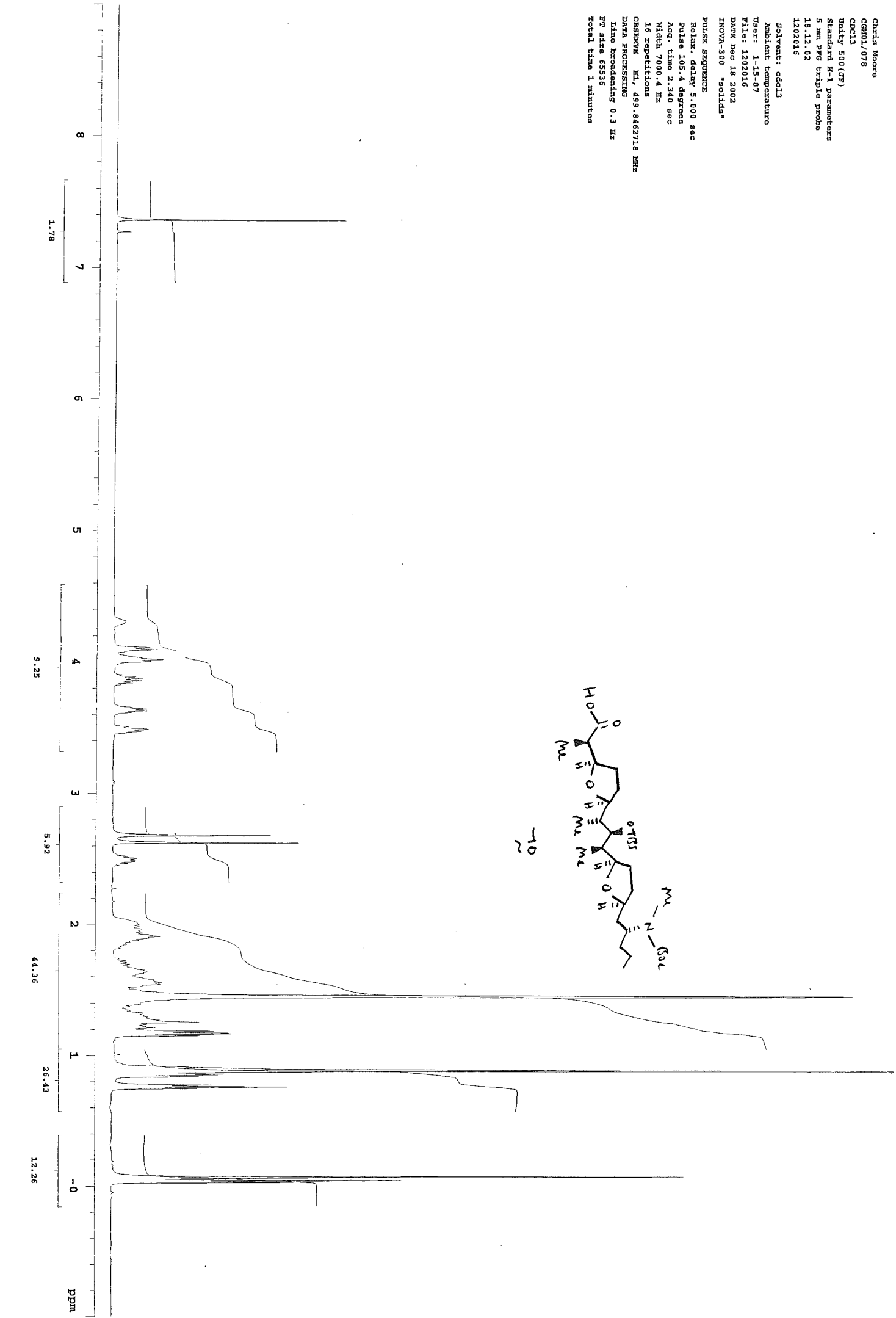
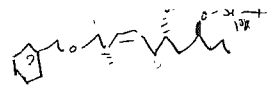
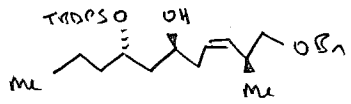




O Germay
OG266
cdcl3
Inova 400(RS)
Aramis
Proton 400MHz
14.12.99
173



82

Integral Scale = 2500.0
Vertical Scale = 200.0

9 8 7 6 5 4 3 2 1 0 ppm

0.43 1.20 0.20 0.21 0.19 0.29 0.09 0.22 2.08 0.31 0.00

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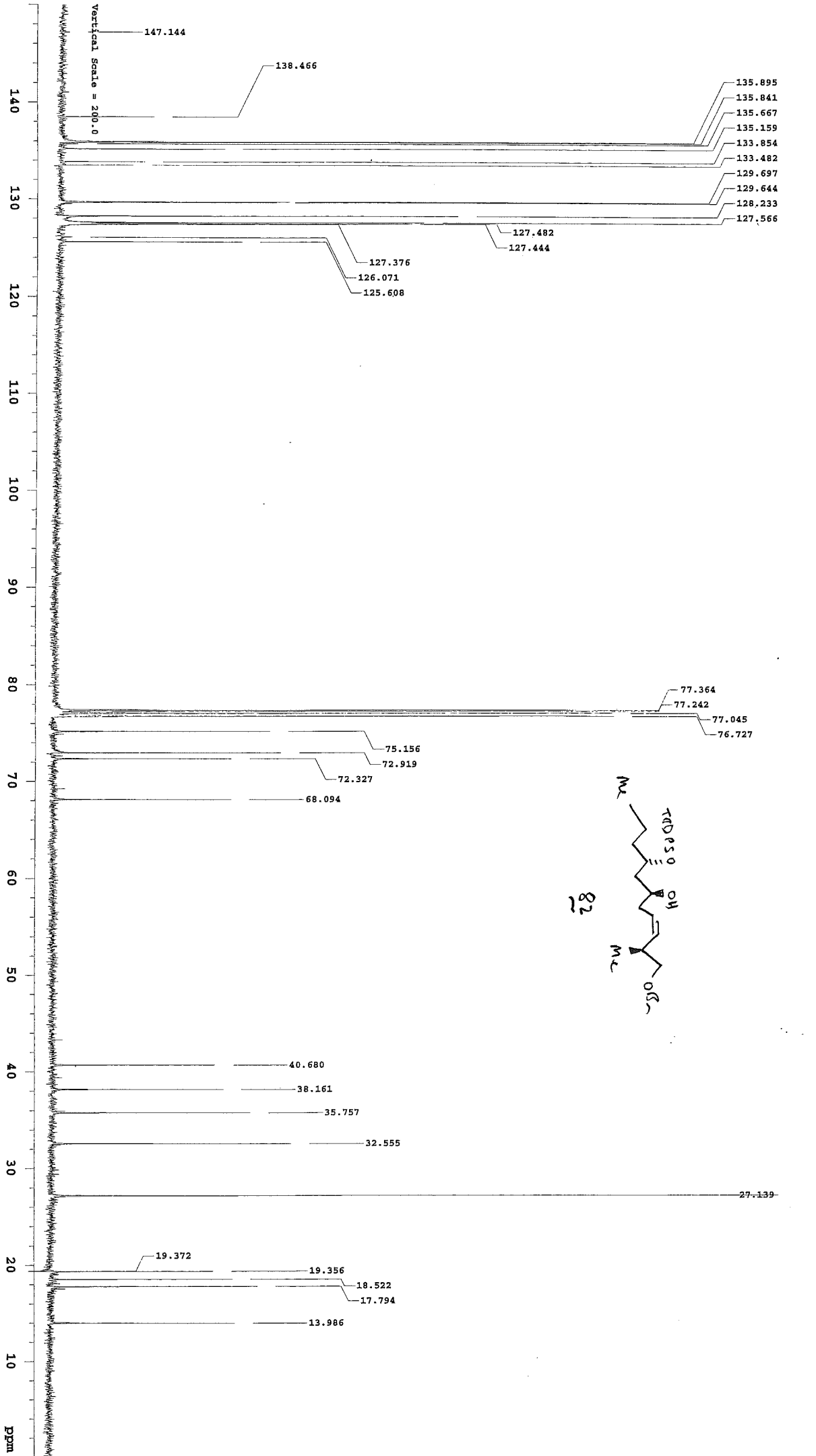
Vertical Scale = 200.0
147.144
138.466
135.895
135.841
135.667
135.159
133.854
133.482
129.697
129.644
128.233
127.566
127.482
127.444
127.376
126.071
125.608
77.364
77.242
77.045
76.727
75.156
72.919
72.327
68.094
40.680
38.161
35.757
32.555
27.139
19.372
19.356
18.522
17.794
13.986
ppm
O Gezmay
OG266
CDCl3
Inova 400(RS)
Aramis
13C 100MHz
22.12.99
173c

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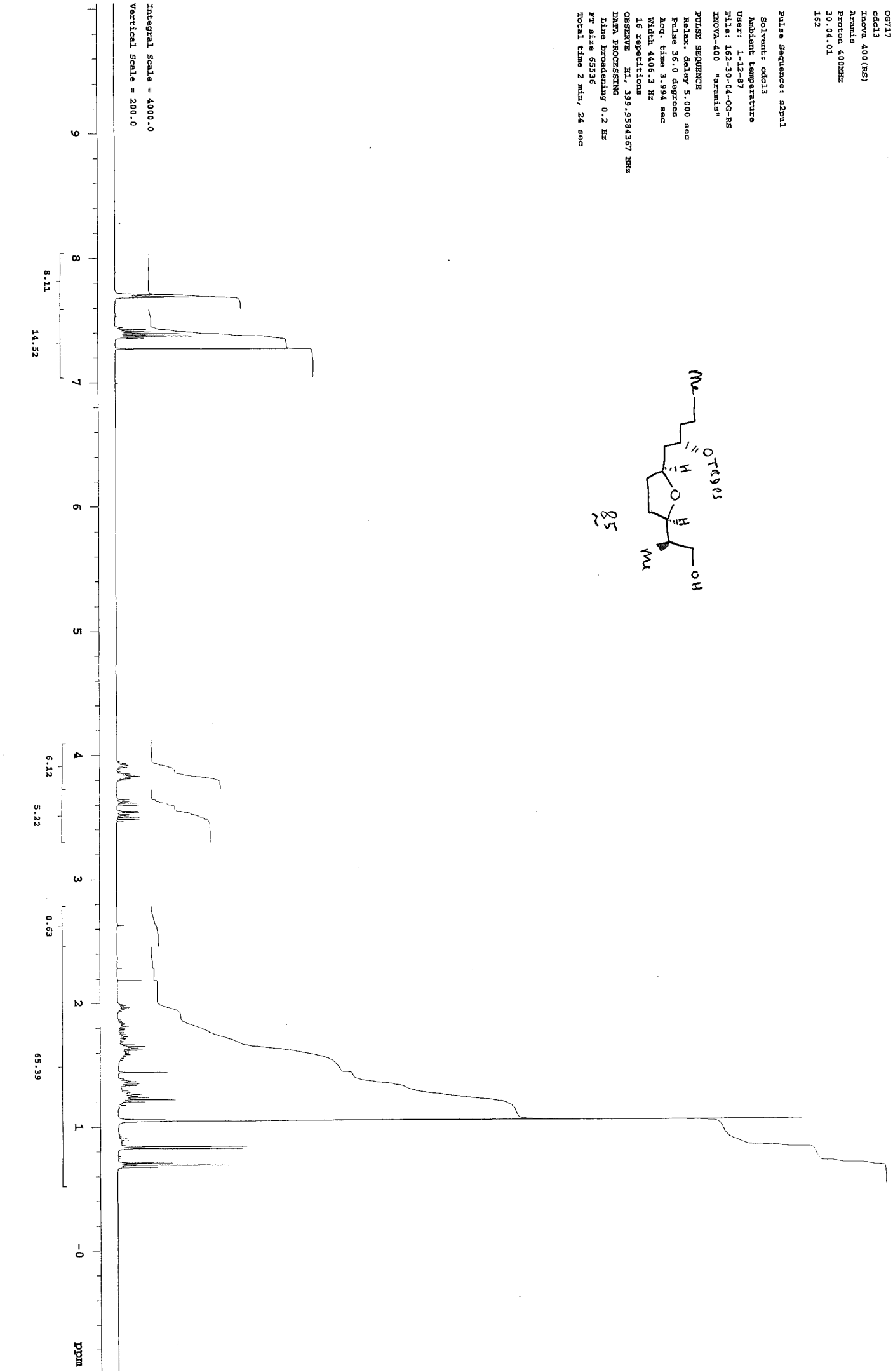

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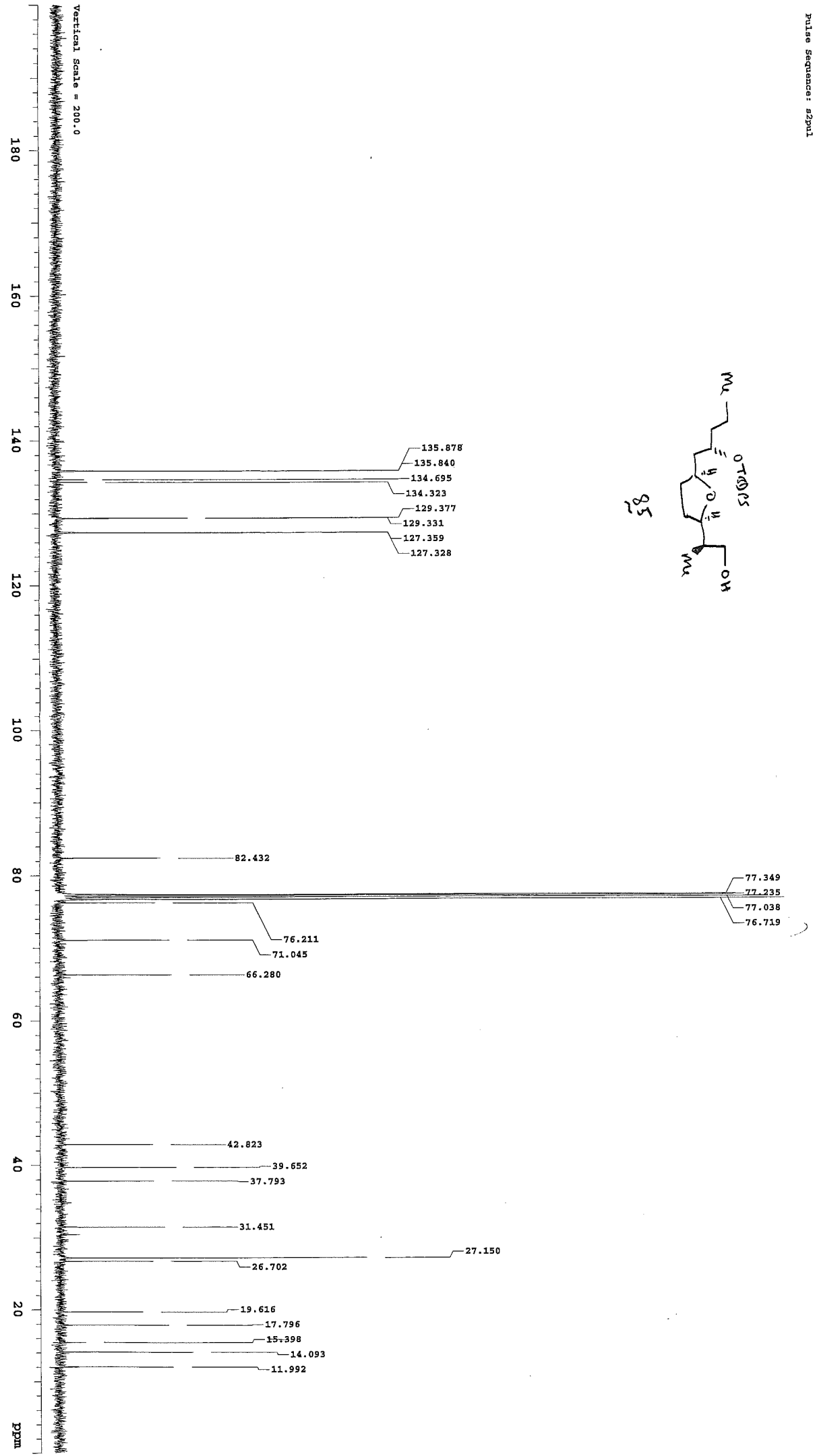
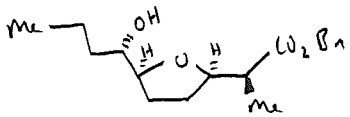


O Germay
OG819
cdcl3
Inova 400(RS)
Aramis
Proton 400MHz
25.07.01
522



89

Pulse Sequence: s2pul

Solvent: cdcl3
Ambient temperature
User: 1-12-87
File: 522-25-07-OG-RS
INOVA-400 "aramis"

PULSE SEQUENCE
Relax. delay 5.000 sec
Pulse 36.0 degrees
Acq. time 4.006 sec
Width 4001.6 Hz
16 repetitions
OBSERVE H1, 399.9584362 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 2 min, 24 sec

Integral Scale = 45000.0
Vertical Scale = 200.0

9 8 7 6 5 4 3 2 1 0 ppm

16.73 6.24 9.03 0.06 3.37 64.31 0.27

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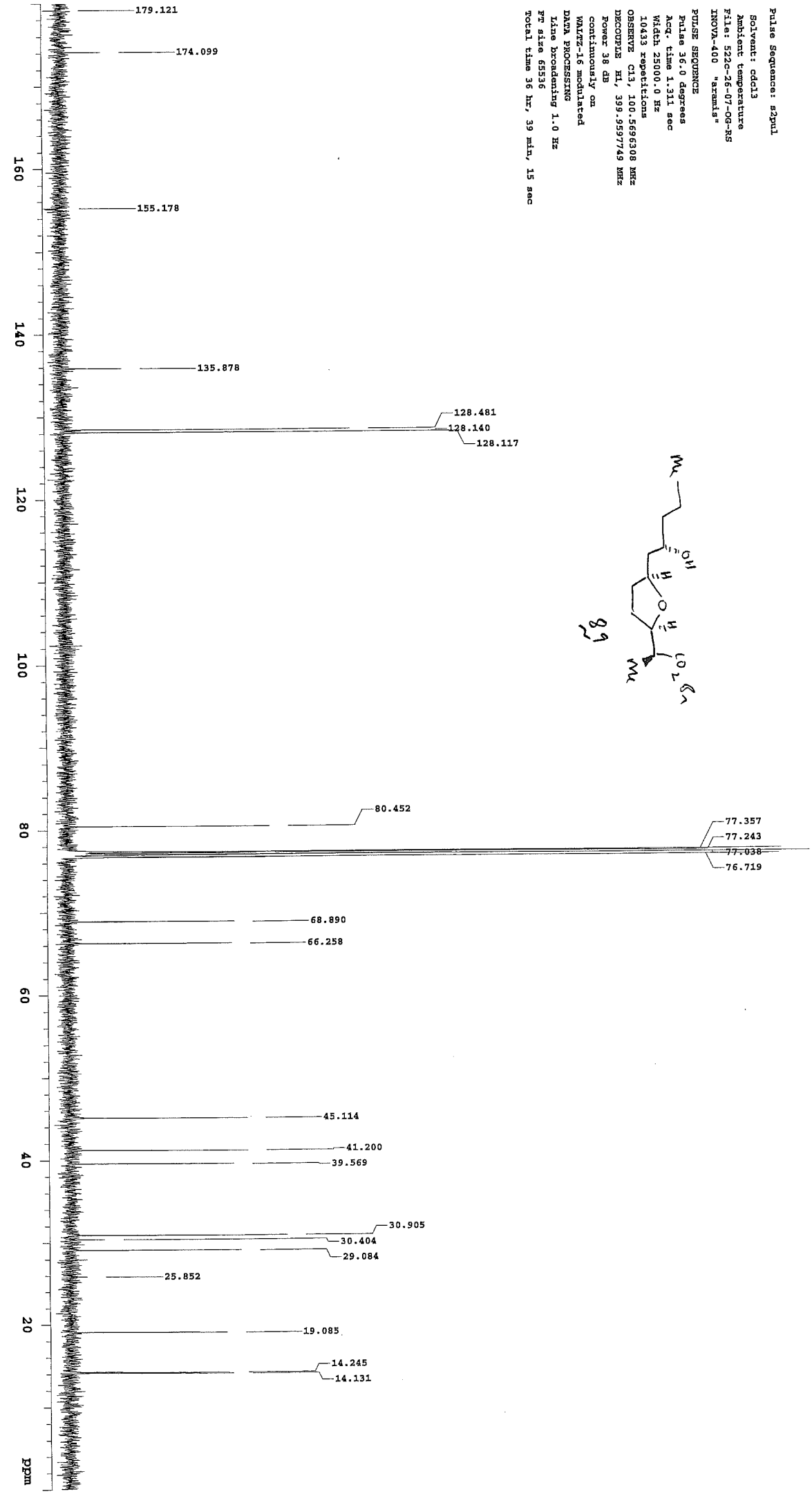

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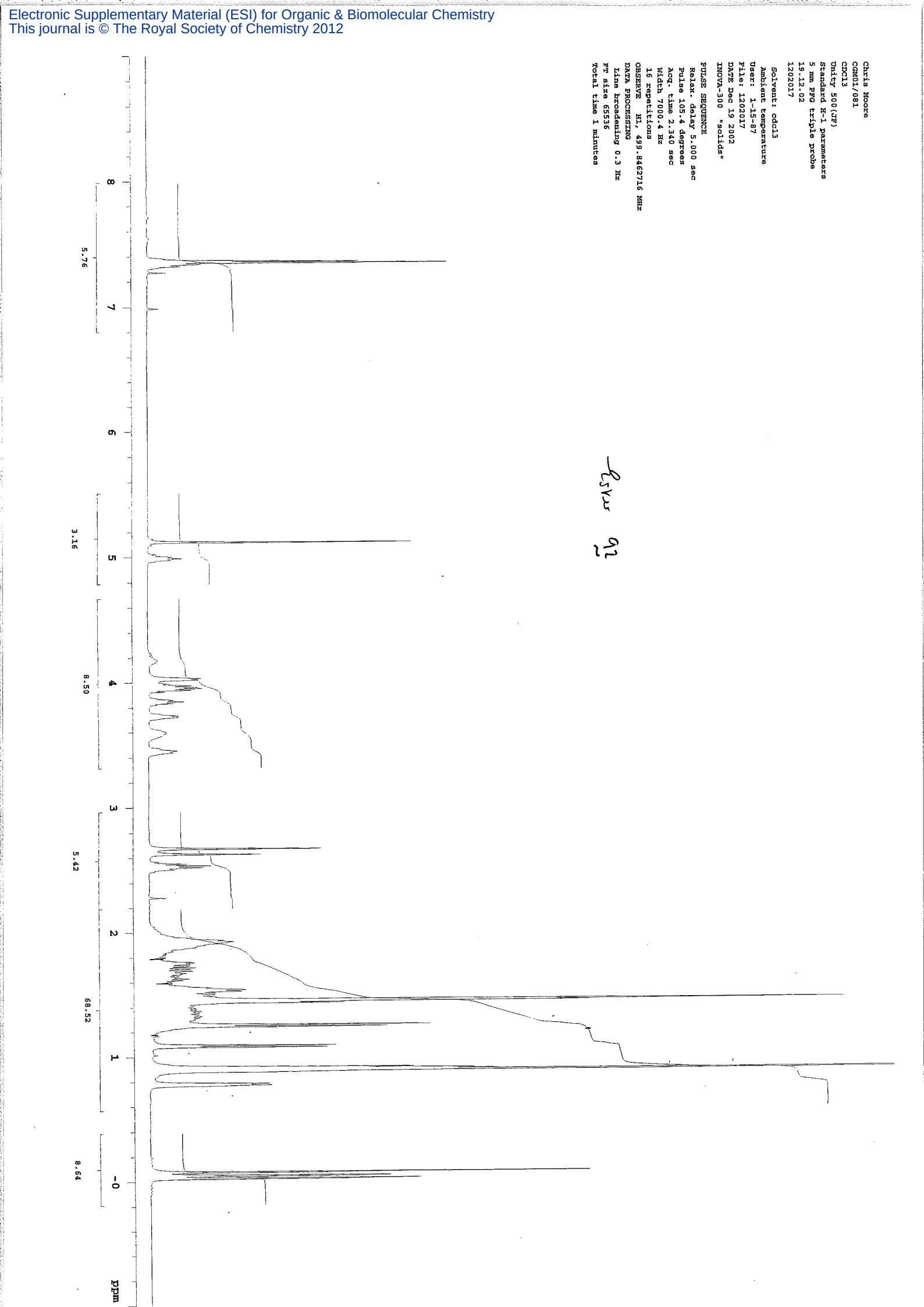

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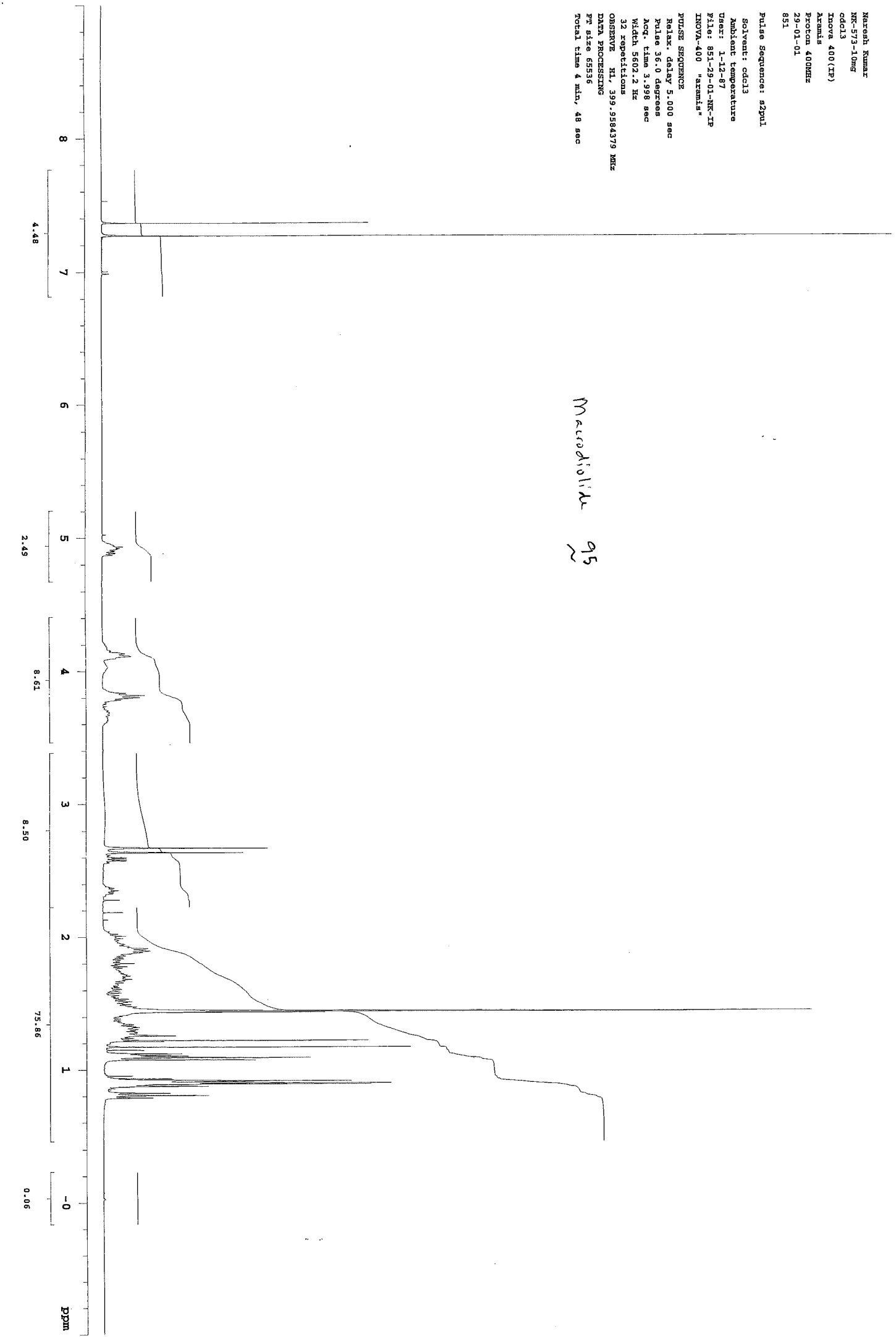

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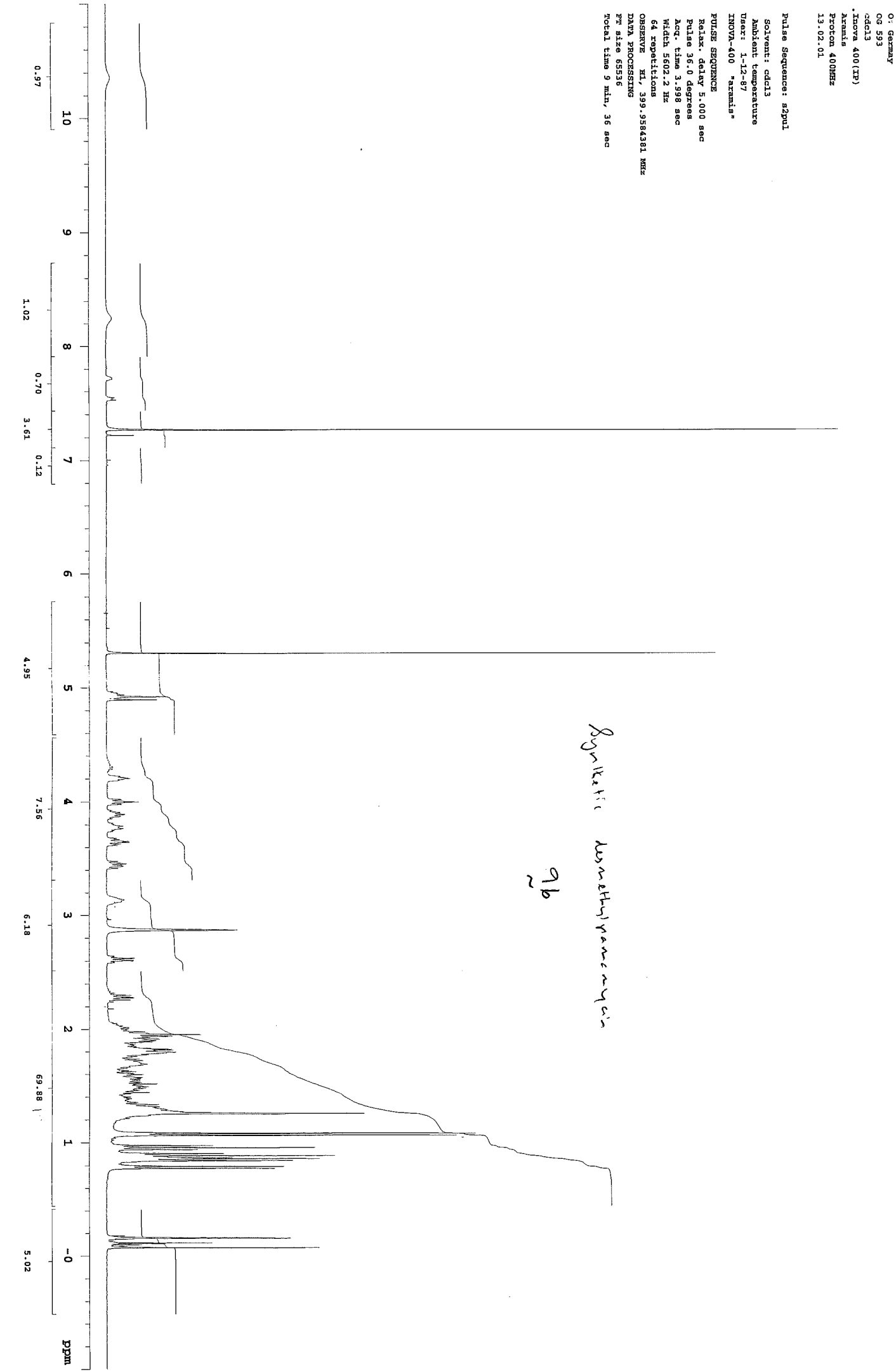
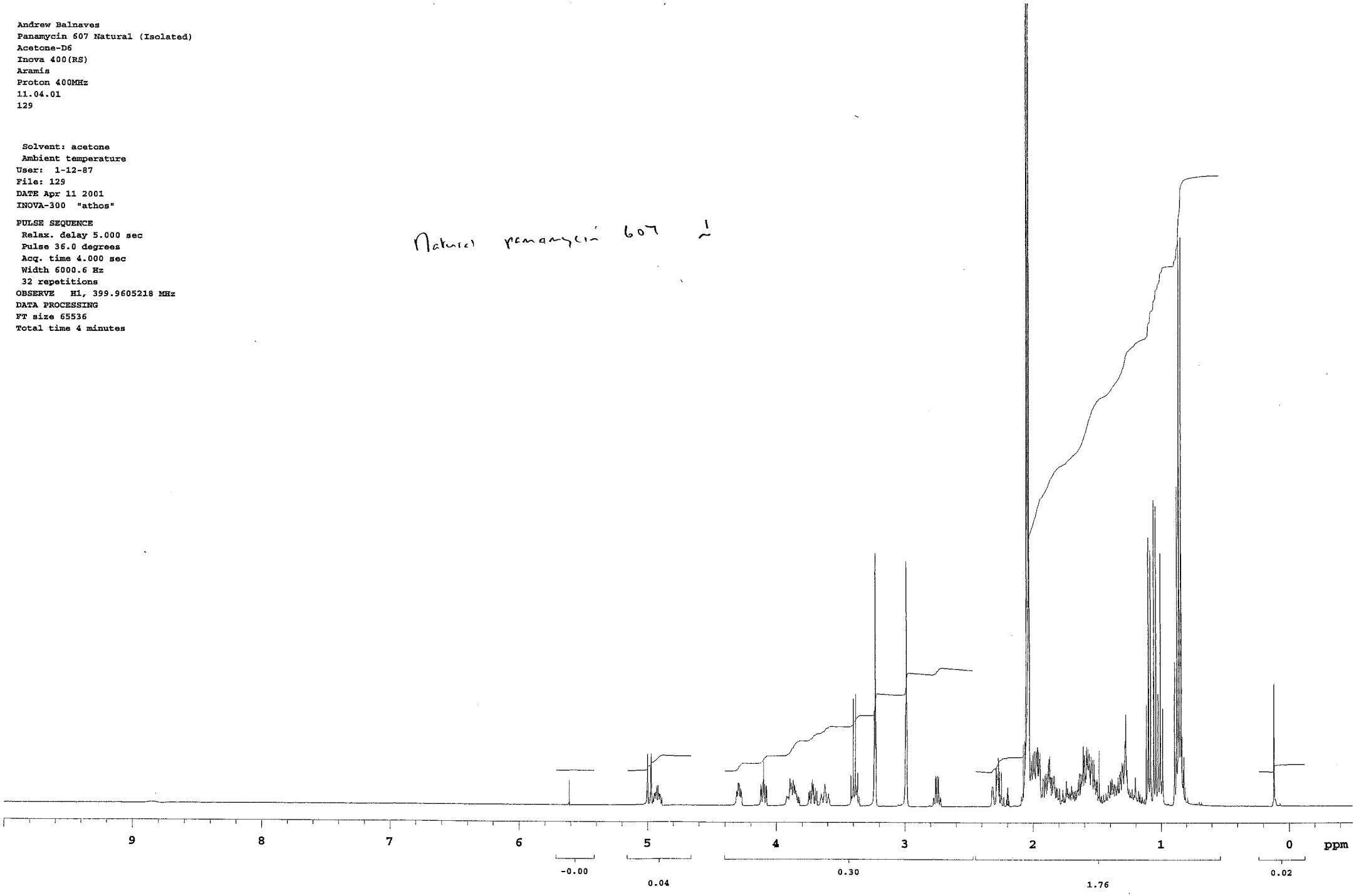


Andrew Balnaves
Panamycin 607 Natural (Isolated)
Acetone-D6
Inova 400(RS)
Aramis
Proton 400MHz
11.04.01
129

Solvent: acetone
Ambient temperature
User: 1-12-87
File: 129
DATE Apr 11 2001
INOVA-300 "athos"

PULSE SEQUENCE
Relax. delay 5.000 sec
Pulse 36.0 degrees
Acq. time 4.000 sec
Width 6000.6 Hz
32 repetitions
OBSERVE H1, 399.9605218 MHz
DATA PROCESSING
FT size 65536
Total time 4 minutes

Natural panamycin 607 1



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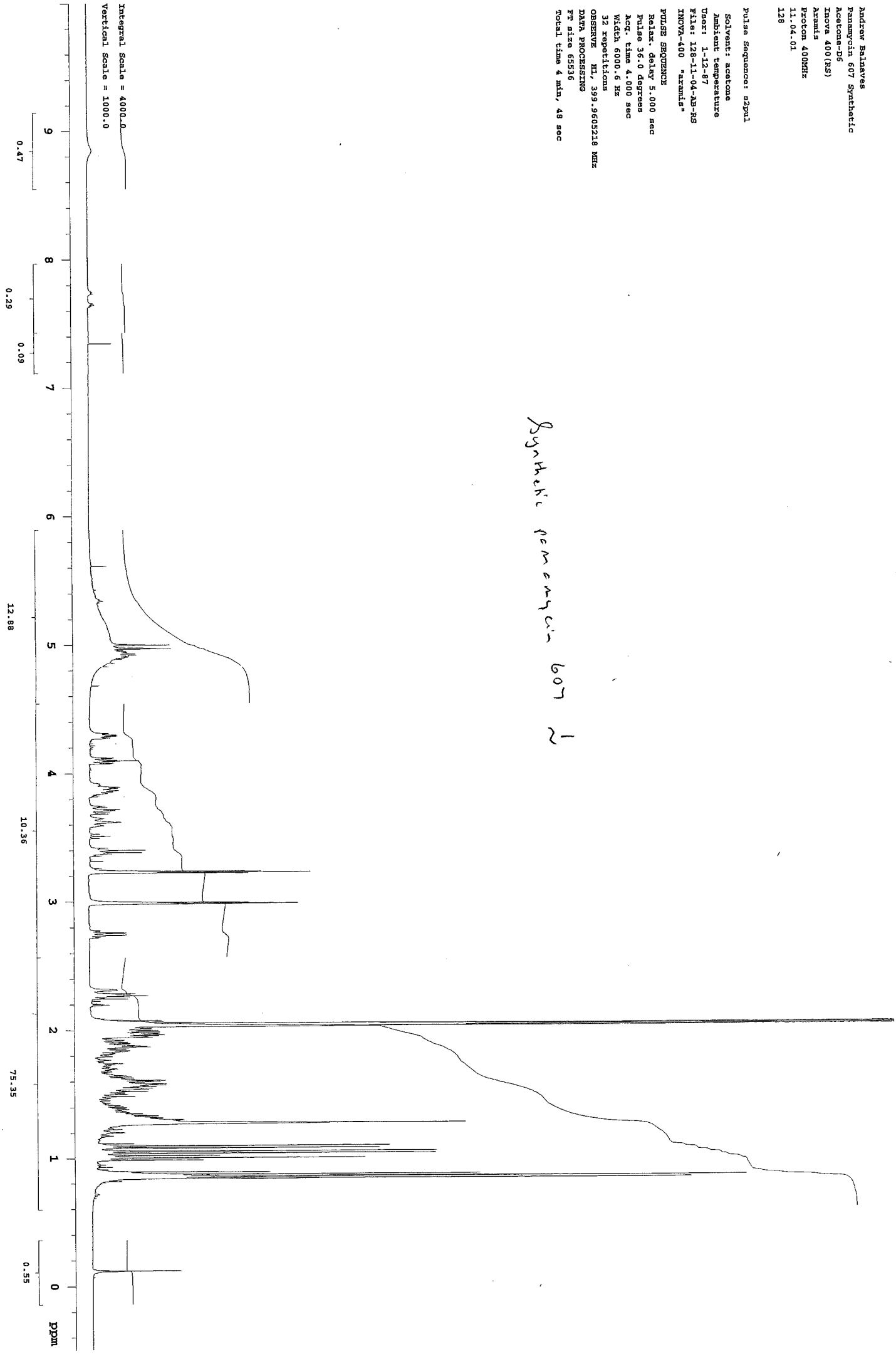
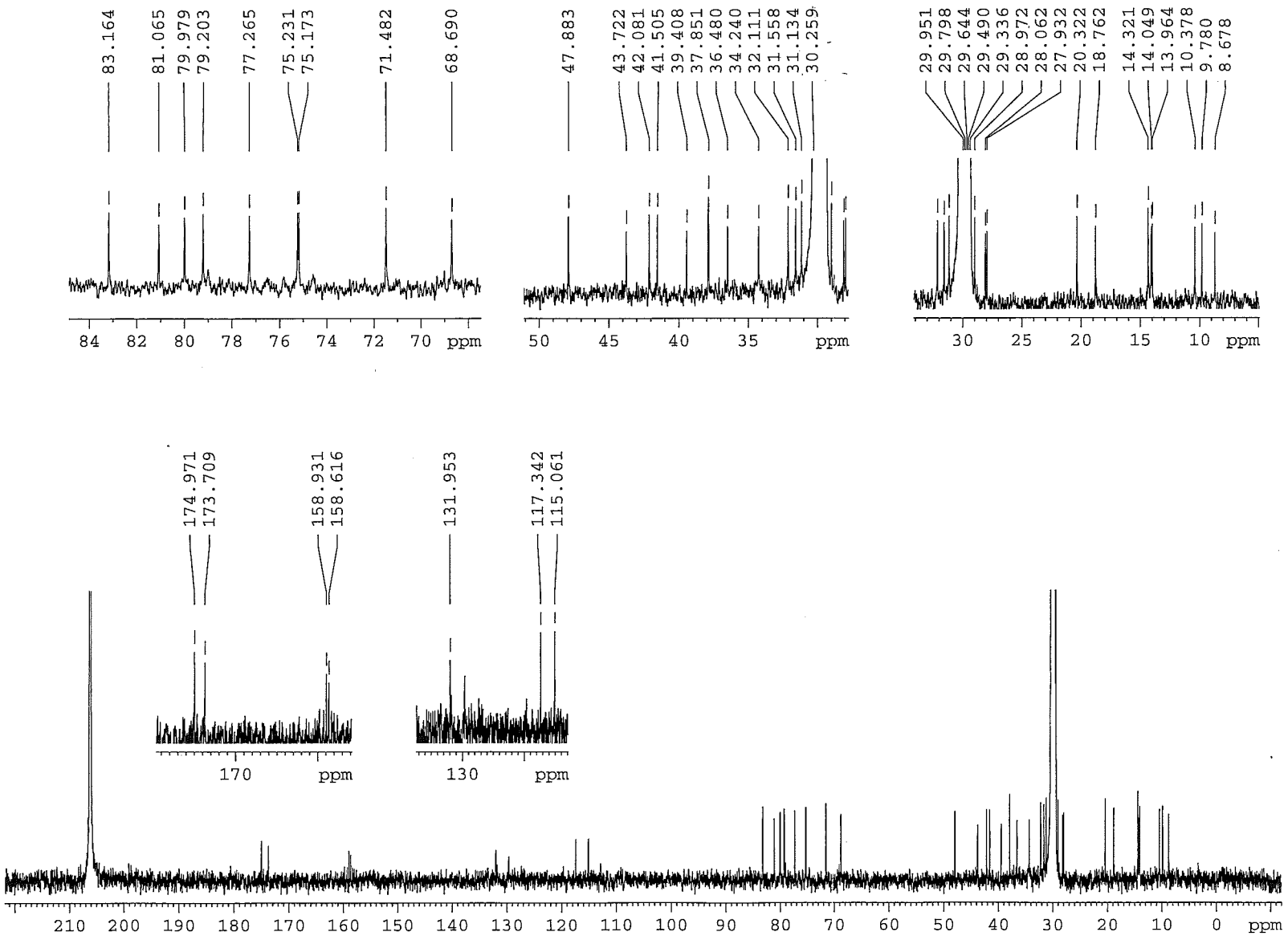


Paul Evans
Panamycin 607 940 (1)

$(C_4D_6)CO$

+ CF_3CO_2D

(Synthetic)



Current Data Parameters

NAME	Feb15-2001-ser
EXPNO	50
PROCNO	1

F2 - Acquisition Parameters

Date_	20010216
Time	16.02
INSTRUM	spect
PROBHD	5 mm Dual 13
PULPROG	zgpg30
TD	65536
SOLVENT	Aceton
NS	38000
DS	2
SWH	29411.766 Hz
FIDRES	0.448788 Hz
AQ	1.1141620 sec
RG	32768
DW	17.000 usec
DE	21.25 usec
TE	300.0 K
HL1	1 dB
D1	5.00000000 sec
CPDPRG	waltz16
P31	82.00 usec
S4	18 dB
D11	0.03000000 sec
S2	18 dB
P1	7.80 usec
SFO1	125.7728844 MHz
NUCLEUS	13C

F2 - Processing parameters

SI	32768
SF	125.7590981 MHz
WDW	EM
SSB	0
LB	3.00 Hz
GB	0
PC	1.40

1D NMR plot parameters

CX	20.00 cm
F1P	33.862 ppm
F1	4258.44 Hz
F2P	12.079 ppm
F2	1518.98 Hz
PPMCM	1.08917 ppm/cm
HZCM	136.97289 Hz/cm

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