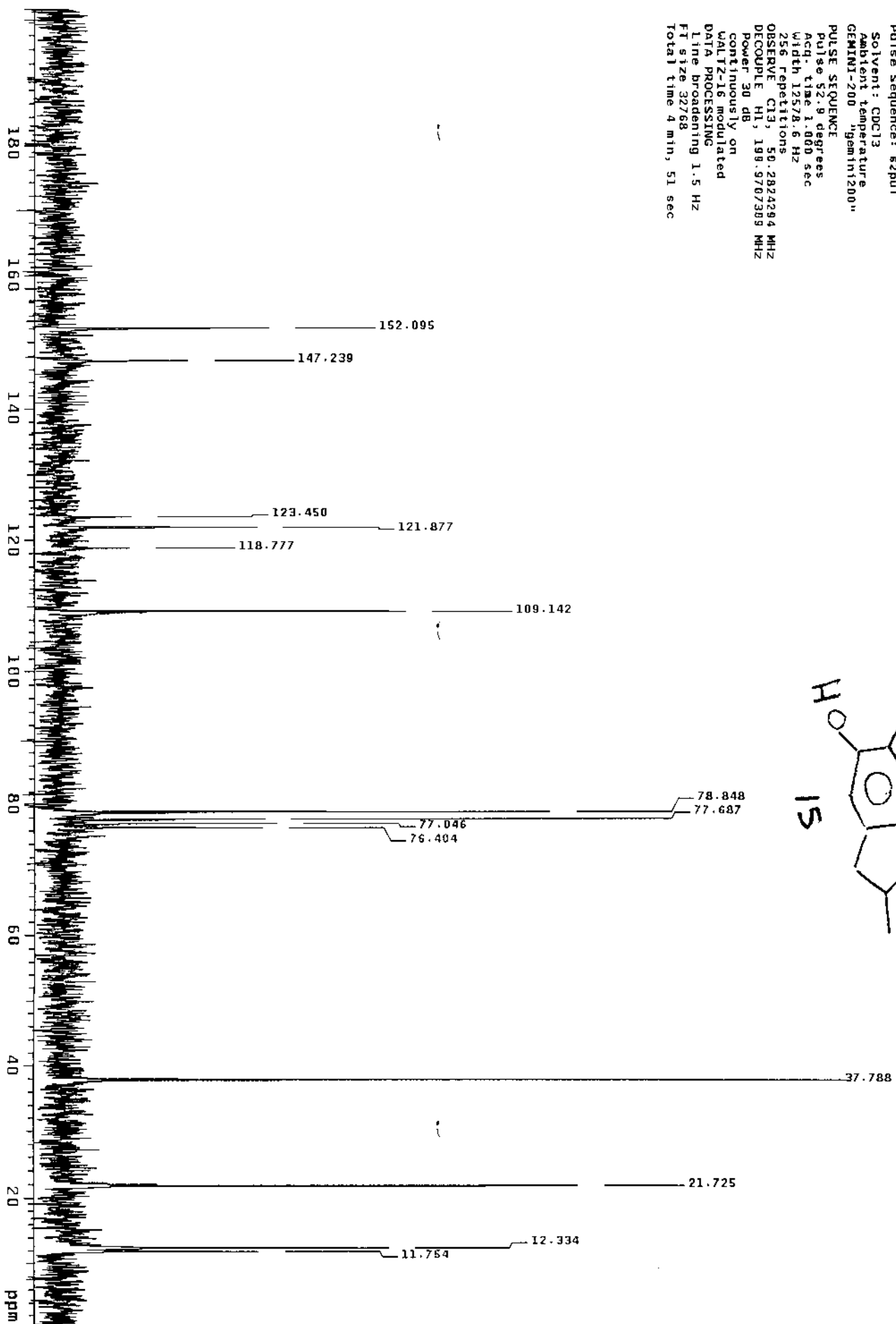
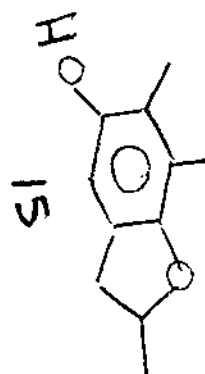
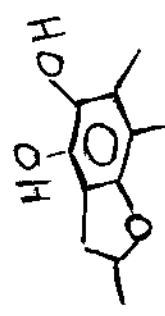


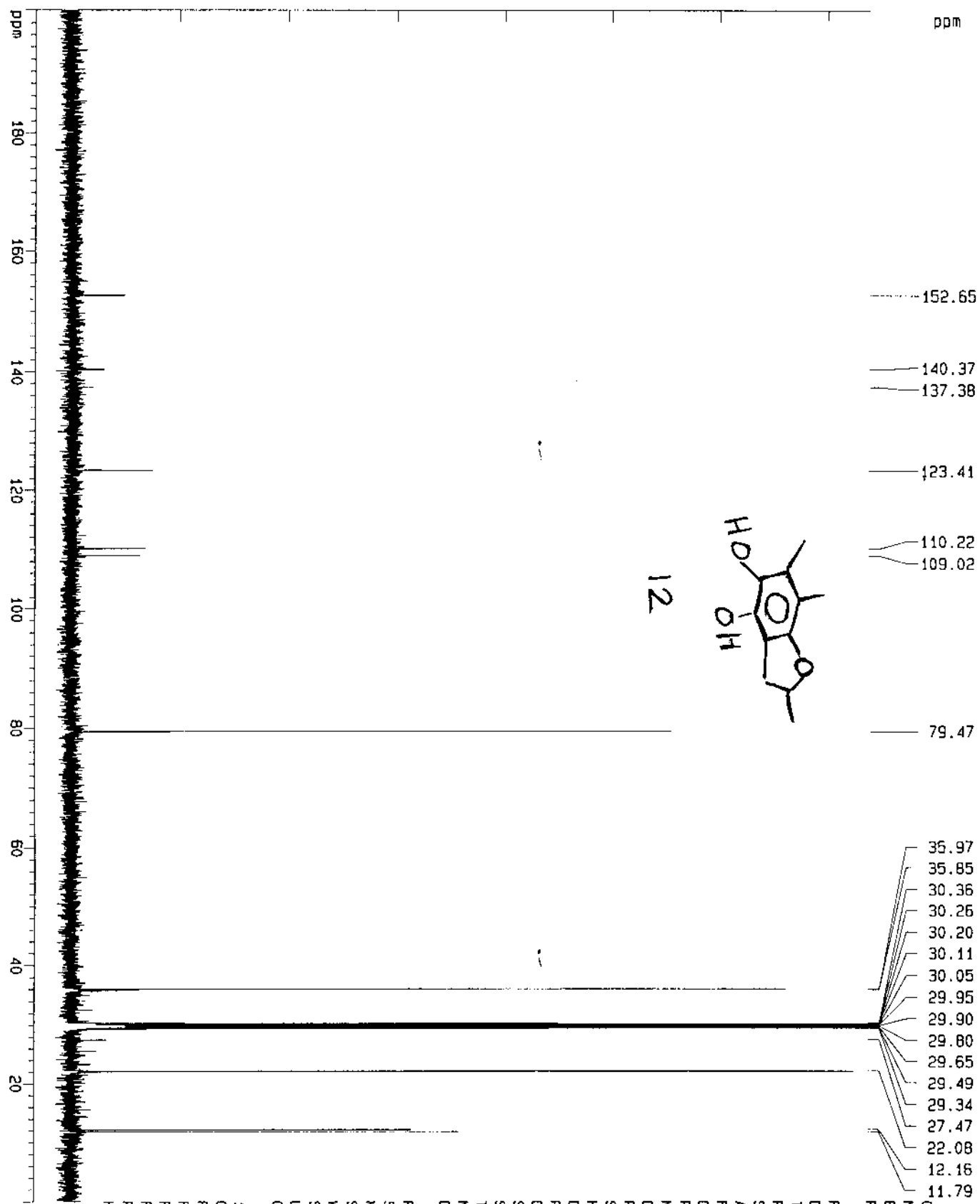
13C OBSERVE

Pulse Sequence: zgpg30
 Solvent: CDCl3
 Ambient temperature
 GEMINI-200 "gemin1200"
 PULSE SEQUENCE
 Pulse 52.9 degrees
 Acq. time 1.000 sec
 Width 12578.6 Hz
 256 Repetitions
 OBSERVE C13, 50.2824284 MHz
 DECOUPLE H1, 198.9767389 MHz
 Power 30 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 1.5 Hz
 FI size 32768
 Total time 4 min, 51 sec





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- 35.97
- 35.85
- 30.36
- 30.26
- 30.20
- 30.11
- 30.05
- 29.95
- 29.90
- 29.80
- 29.65
- 29.49
- 29.34
- 27.47
- 22.08
- 12.16
- 11.79

Current Data Parameters
NAME helmi_227
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date 20010216
Time 18.24
PULPROG zgpg
SOLVENT acetone
AQ 1.0485960
FIDRES 0.476837
Dk 16.0
RG 32768
NUCLEUS 13C
D11 0.0300000
P31 70.0
S2 22
HL1 22
D1 1.0000000
P1 5.0
DE 20.0
SF01 125.7724464
SMH 31250.00
TD 65536
NS 3072
DS 0

F1 - Processing parameters
SI 32768
MC2 GF
SF 125.759932
WDW EM
SSB 0
LB 1.00
GB 0

1D NMR plot parameters
CX 22.00
F1P 200.000
F1 25151.94
F2P 0.000
F2 0.00
PPMCM 9.09091
HZCM 1143.27002

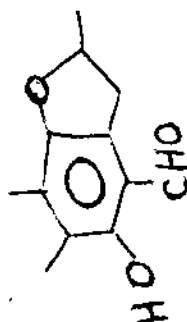
DU=u, USER=guest, NAME=helml, 227, EXPNO=2, PROCNO=1
 F1=200.000ppm, F2=0.000ppm, MI=0.30cm, MAXI=10000.00cm, PC=1.000

#	ADDRESS	FREQUENCY	INTENSITY
1	9627.2	19197.023	1.00
2	11246.0	17653.201	0.61
3	11640.0	17277.391	0.42
4	13482.7	15520.057	1.56
5	15221.7	13861.647	1.43
6	15380.5	13710.208	1.36
7	19277.0	9994.194	11.12
8	25013.0	4523.897	13.26
9	25029.1	4508.543	1.28
10	25044.8	4493.579	0.55
11	25457.8	4099.732	0.41
12	25753.7	3817.508	2.16
13	25766.0	3805.814	9.03
14	25773.8	3798.365	2.20
15	25786.2	3786.563	25.32
16	25794.1	3779.064	3.00
17	25806.7	3767.032	47.42
18	25814.2	3759.853	2.41
19	25826.9	3747.692	62.13
20	25847.1	3728.466	53.25
21	25867.4	3709.083	23.85
22	25887.9	3689.581	8.87
23	26130.9	3457.865	0.62
24	26133.8	3455.095	0.68
25	26377.2	3222.940	0.49
26	26685.7	2928.696	0.39
27	26845.0	2776.759	14.52
28	27704.0	1957.638	0.38
29	28153.1	1529.297	6.34
30	28202.0	1482.675	7.24
		152.6485	1.00
		140.3725	0.61
		137.3842	0.42
		123.4104	1.56
		110.2233	1.43
		109.0191	1.36
		79.4706	11.12
		35.9726	13.26
		35.8505	1.28
		35.7315	0.55
		32.5997	0.41
		30.3556	2.16
		30.2626	9.03
		30.2034	2.20
		30.1095	25.32
		30.0499	3.00
		29.9542	47.42
		29.8971	2.41
		29.8004	62.13
		29.6475	53.25
		29.4934	23.85
		29.3383	8.87
		27.4958	0.62
		27.4738	0.68
		25.6278	0.49
		23.2880	0.39
		22.0799	14.52
		15.5665	0.38
		12.1605	6.34
		11.7897	7.24

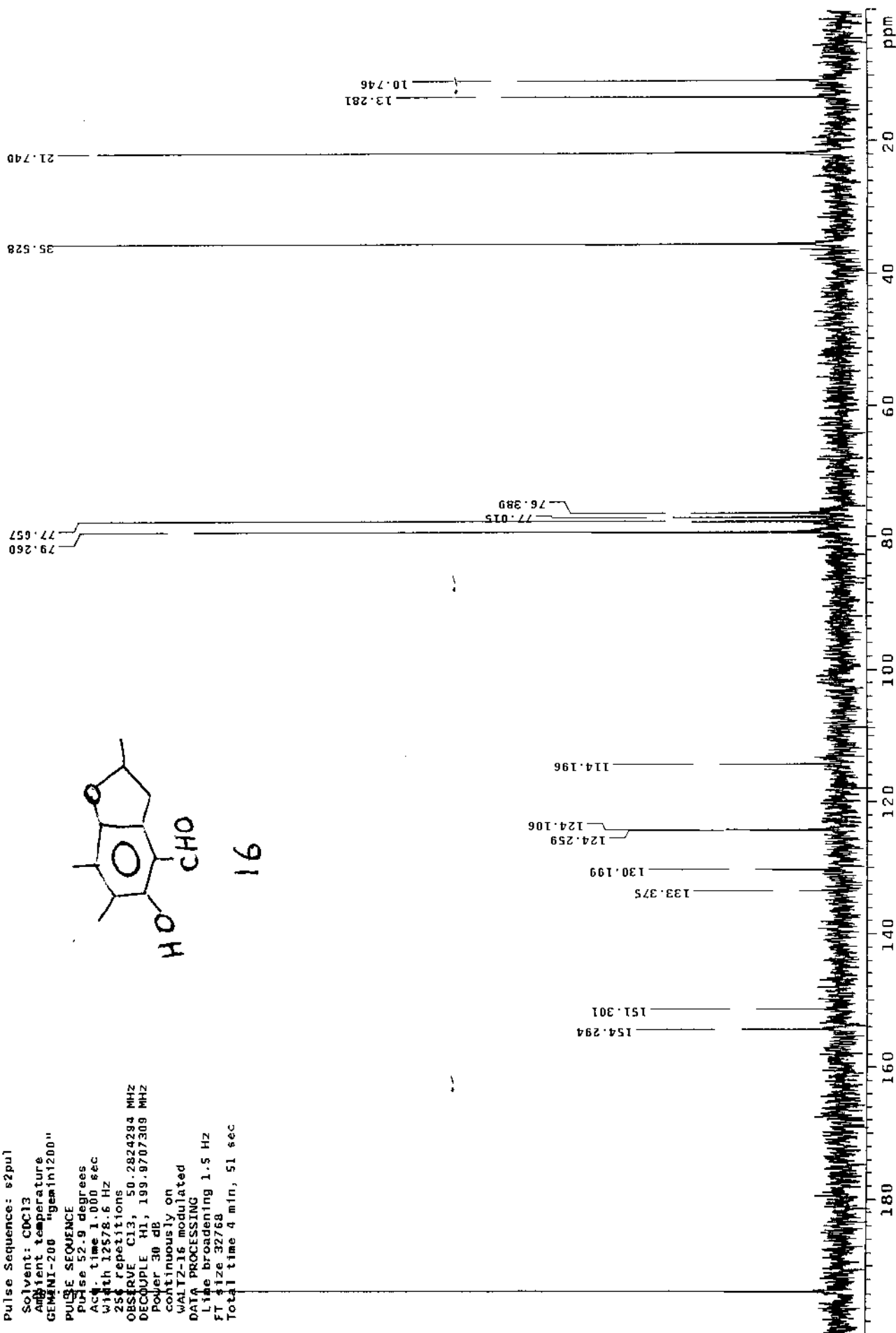
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13C OBSERVE

Pulse Sequence: s2pul
Solvent: CDCl3
Acquire temperature:
GEMINI-200 "gemin1200"
PULSE SEQUENCE
Pulse 52.9 degrees
Acq. time 1.000 sec
Width 12578.6 Hz
256 repetitions
OBSERVE C13, 50.2824284 MHz
DECOUPLE H1, 199.9707309 MHz
Power 30 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.5 Hz
FT size 32768
Total time 4 min, 51 sec



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13C OBSERVE

Pulse Sequence: szpul

Solvent: CDCl3

Ambient temperature

CEMIMA-200 "gemini200"

PULSE SEQUENCE

Pulse 52.9 degrees

Acq. time 1.000 sec

Width 12578.6 Hz

256 repetitions

OBSERVE C13, 50.2824294 MHz

DECOUPLE H1, 199.8707309 MHz

Power 30 dB

continuously on

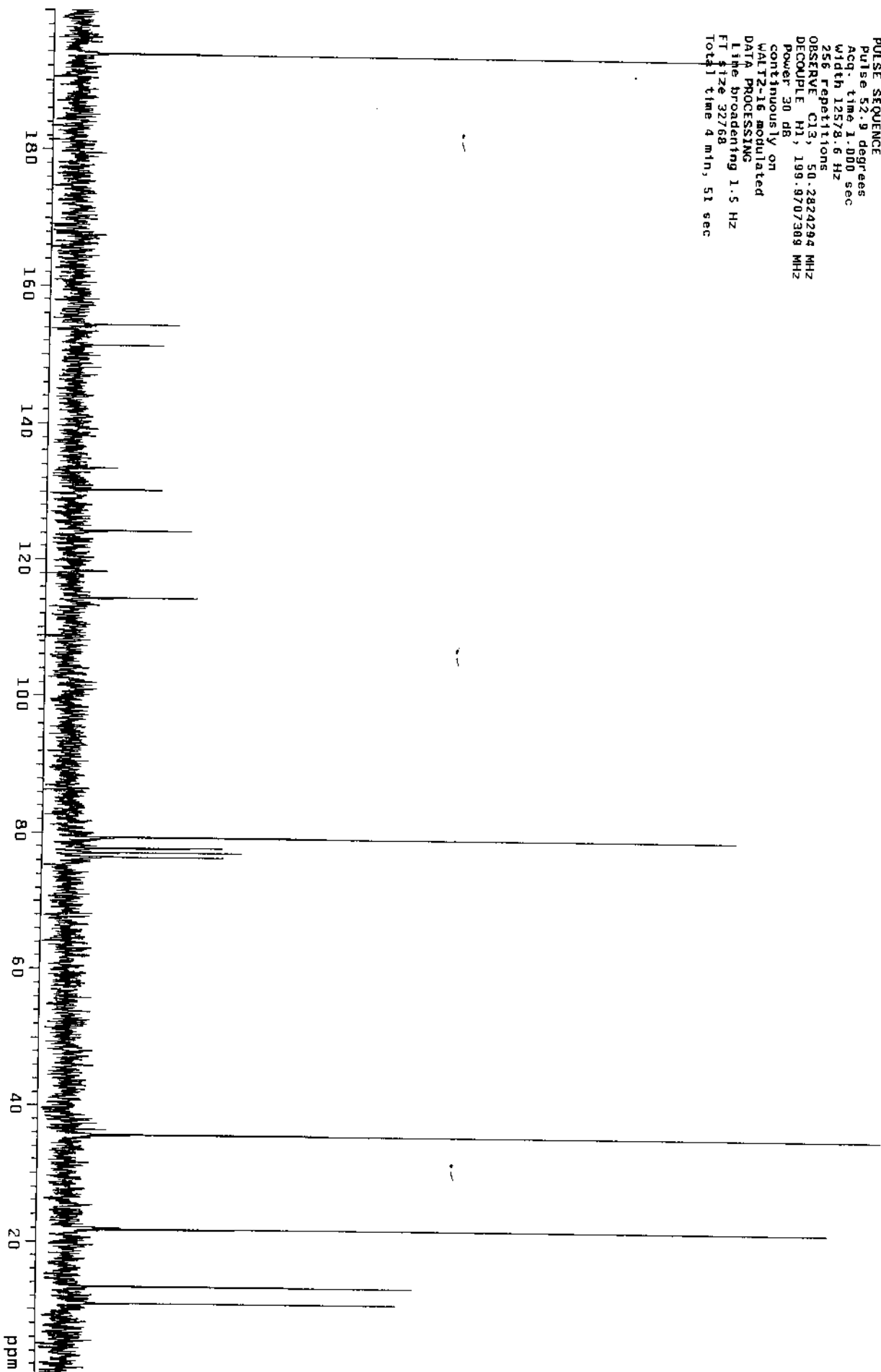
WALTZ-16 modulated

DATA PROCESSING

Line broadening 1.5 Hz

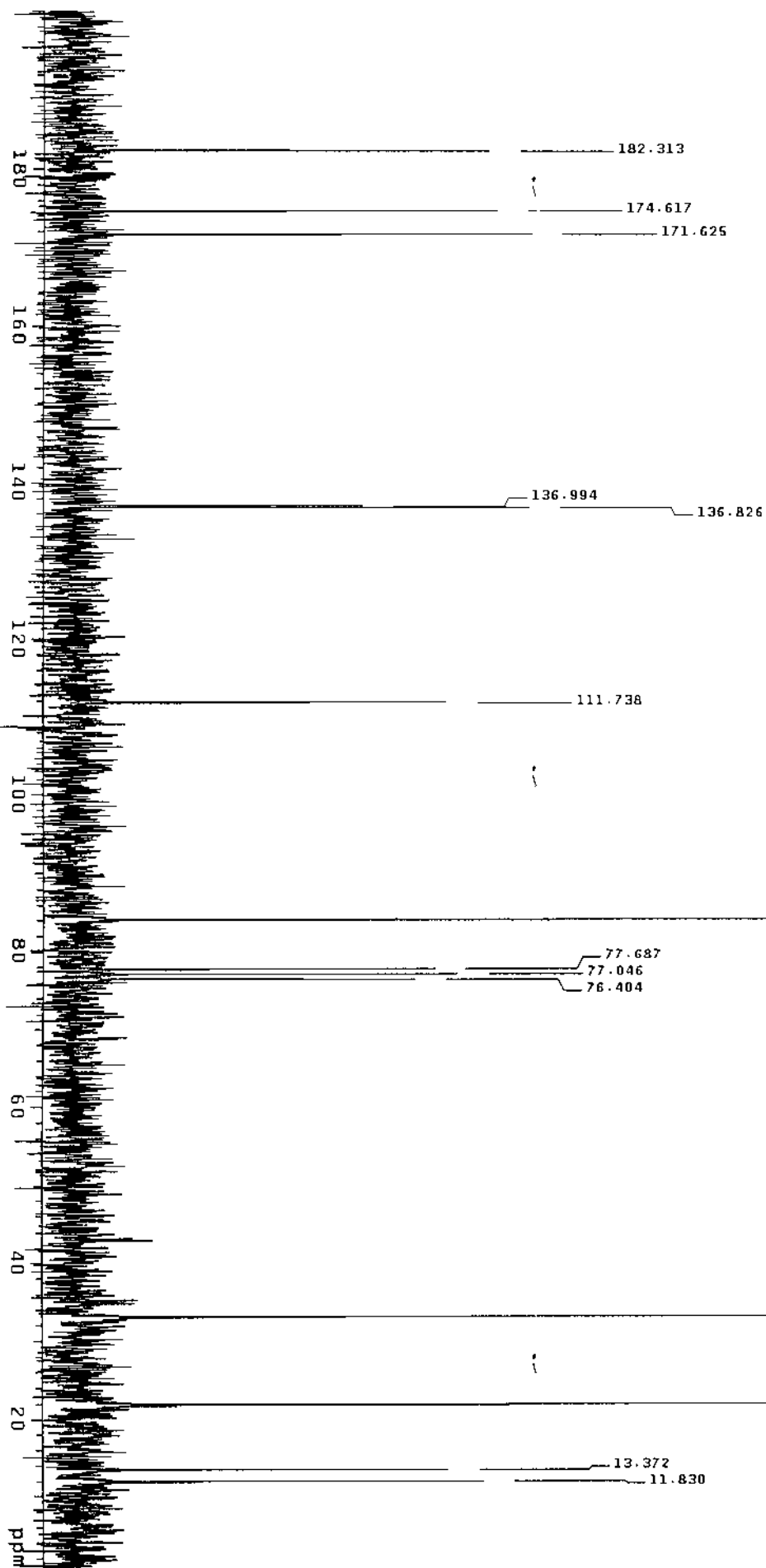
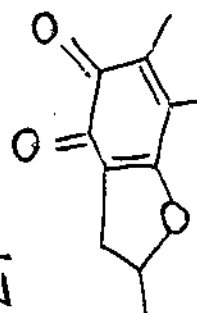
File size 32768

Total time 4 min, 51 sec



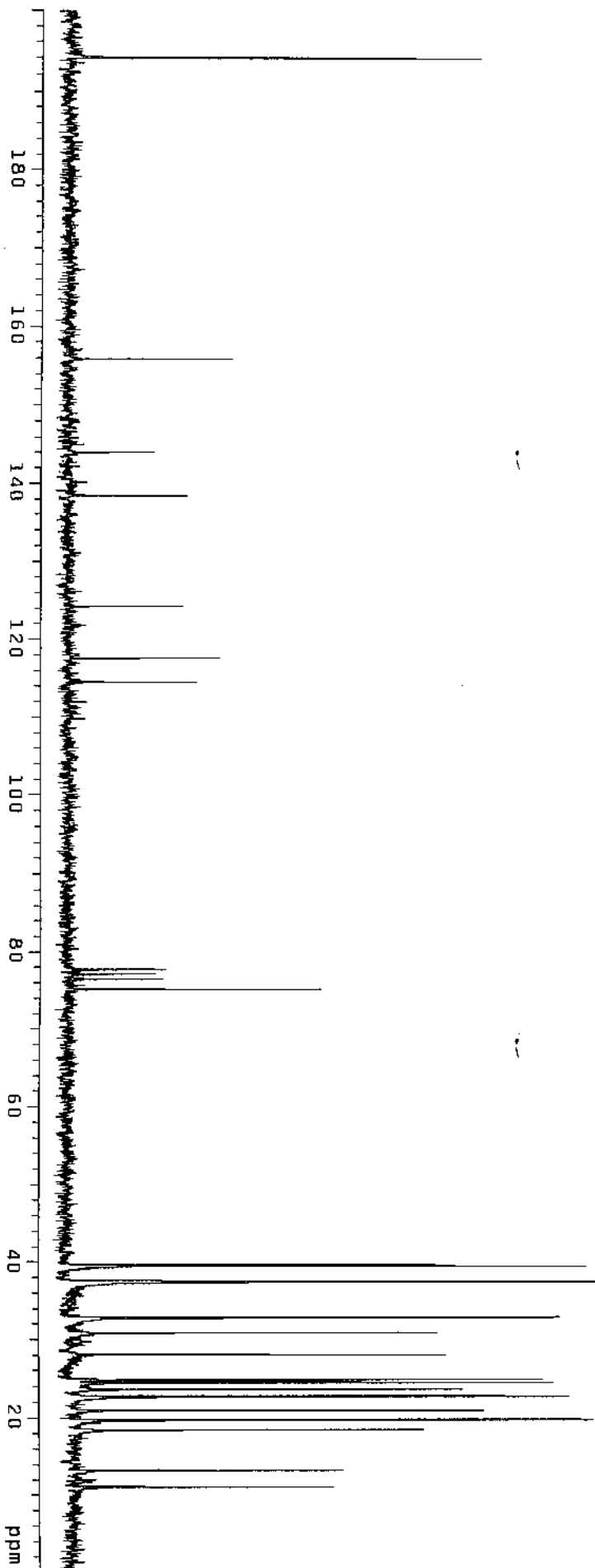
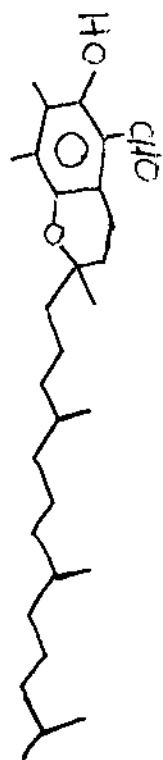
13C OBSERVE

Pulse Sequence: s2pul
 Solvent: CDCl3
 Ambient temperature
 GEMINI-200 "gemin1200"
 PULSE SEQUENCE
 Pulse 52.9 degrees
 Acq. time 1.000 sec
 Width 12578.6 Hz
 256 repetitions
 OBSERVE C13, 50.2824294 MHz
 DECOUPLE H1, 199.9707309 MHz
 Power 30 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 1.5 Hz
 FT size 32768
 Total time 4 min, 51 sec



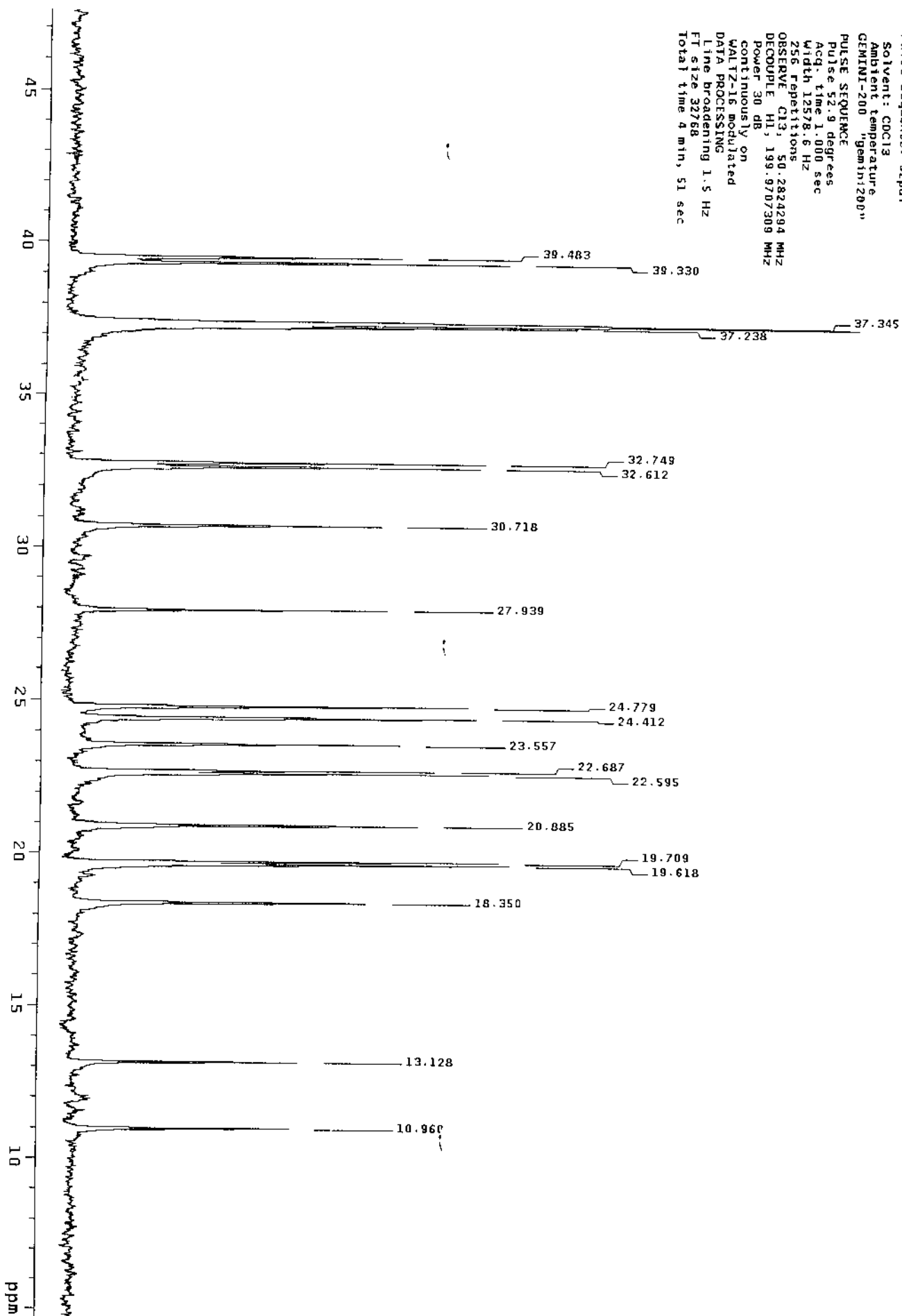
13C OBSERVE

Pulse Sequence: e2pul
 Solvent: CDCl3
 Ambient temperature
 GEMINI-200 "gemin1200"
 PULSE SEQUENCE
 Pulse 52.9 degrees
 Acq. time 1.000 sec
 Width 12578.6 Hz
 256 repetitions
 OBSERVE C13, 50.2824294 MHz
 DECOUPLE H1, 199.9707309 MHz
 Power 30 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 1.5 Hz
 FI size 32768
 Total time 4 min, 51 sec



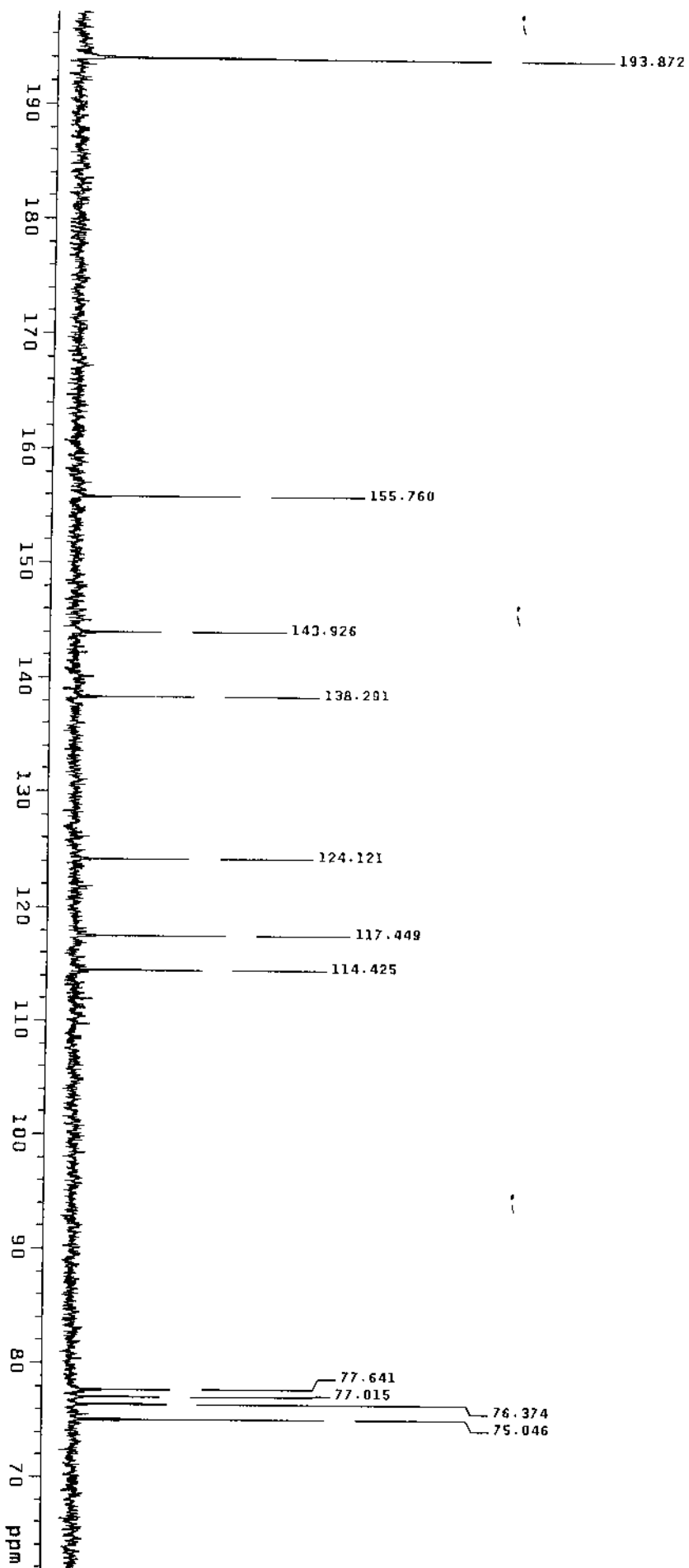
13C OBSERVE

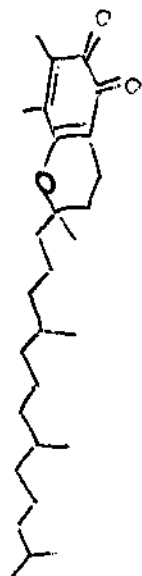
Pulse Sequence: szpul
 Solvent: CDCl3
 Ambient temperature
 GEMINI-200 "gemin200"
 PULSE SEQUENCE
 Pulse 52.9 degrees
 Acq. time 1.000 sec
 Width 12578.6 Hz
 256 repetitions
 OBSERVE C13, 50.2824294 MHz
 DECOUPLE H1, 199.9707309 MHz
 Power 30 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 1.5 Hz
 FT size 32768
 Total time 4 min, 51 sec



13C OBSERVE

Pulse Sequence: e2pu1
 Solvent: CDCl3
 Ambient temperature
 GEMINI-200 "gemini200"
 PULSE SEQUENCE
 Pulse 52.9 degrees
 Acq. time 1.00 sec
 Width 12578.6 Hz
 256 Repetitions
 OBSERVE C13, 50.2824294 MHz
 DECOUPLE H1, 199.9707309 MHz
 Power 30 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 1.5 Hz
 F1 size 32768
 Total time 4 min, 51 sec





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Current Data Parameters
NAME helml_225a
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date 20010212
Time 4.53

PULPROG zgpg

SOLVENT CDCl3

AD 1.0485960

FIDRES 0.476837

DM 16.0

RG 32768

NUCLEUS 13C

D11 0.0300000

P31 70.0

S2 22

HL1 22

D1 1.0000000

P1 5.0

DE 20.0

SFO1 125.7724464

SMH 31250.00

TD 65536

NS 1103

OS 0

F1 - Processing Parameters

SI 32768

MC2 GF

SF 125.7591571

WDW EM

SSB 0

LB 1.00

GB 0

1D NMR plot parameters

CX 22.00

F1P 184.368

F1 23185.94

F2P 72.544

F2 9135.61

PPMCM 5.07637

HZCM 638.65149

