

Supporting information

Biosynthesis of terpenes. Preparation of (E)-1-hydroxy-3-methyl-but-2-enyl 4-diphosphate, an intermediate of the deoxyxylulose phosphate pathway

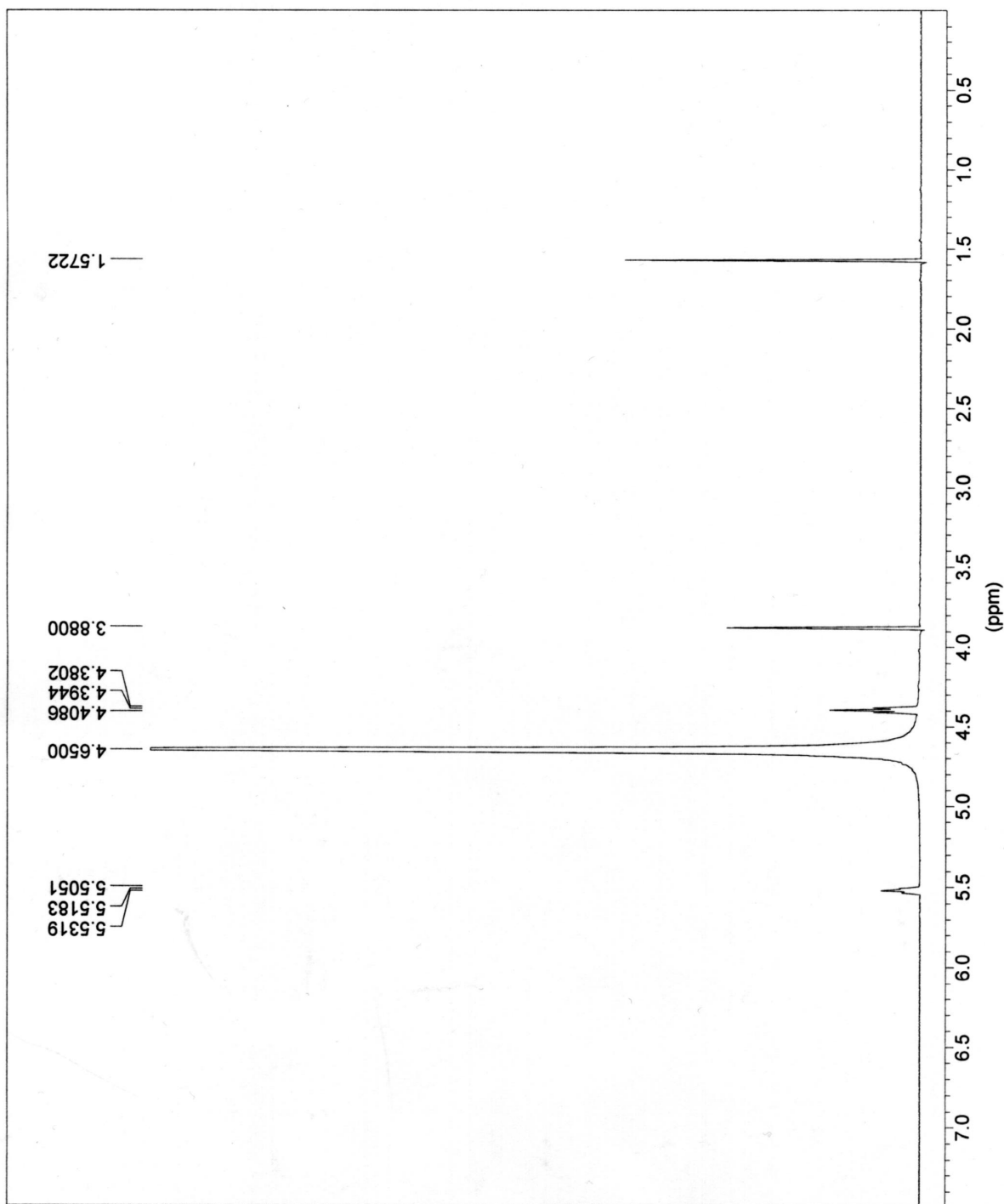
Sabine Amslinger, Klaus Kis, Stefan Hecht, Petra Adam, Felix Rohdich, Duilio Arigoni, Adelbert Bacher and Wolfgang Eisenreich

Compound	¹ H NMR	¹³ C NMR
E-6	×	×
E/Z-6	×	×
E-12	×	×
E-13	×	×
E-14	×	×
E-15	×	×
E/Z-15	×	×



*** Current Data Parameters
NAME SA217-2A.5D
EXPNO : 1
PROCNO: 0
*** Acquisition Parameters *
DATE_t : 13:54:41
DATE_d Dec 14 2001
NS : 27
SFO1 500.1330885 MHz
SFO2 500.1330885 MHz
SFO3 500.1330885 MHz
TE : 300.0 K
*** Processing Parameters *
SF 500.1300260 MHz

E-6



E-6



*** Current Data Parameters

NAME : 6
EXPNO : 161
PROCNO : 1

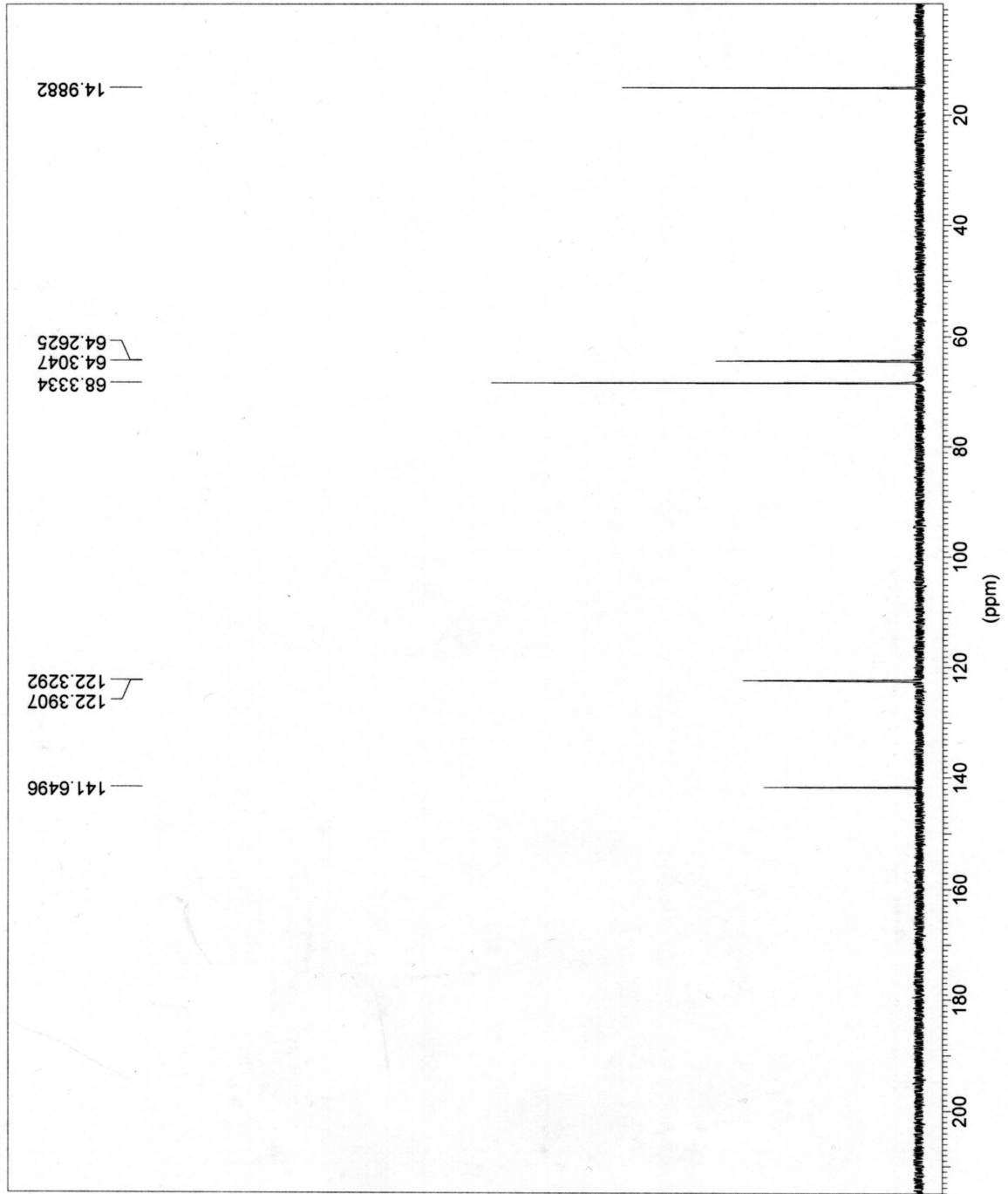
*** Acquisition Parameters *

DATE_t : 17:51:21
DATE_d : Jan 11 2002
NS : 28852

SFO1 : 125.7715719 MHz
SFO2 : 500.1320005 MHz
SFO3 : 125.7715719 MHz
TE : 300.0 K

*** Processing Parameters *

SF : 125.7575390 MHz





*** Current Data Parameters

NAME : 2

EXPNO : 121

PROCNO: 1

*** Acquisition Parameters *

DATE_t : 16:01:45

DATE_d May 16 2001

NS : 64

SFO1 500.1323256 MHz

SFO2 500.1330885 MHz

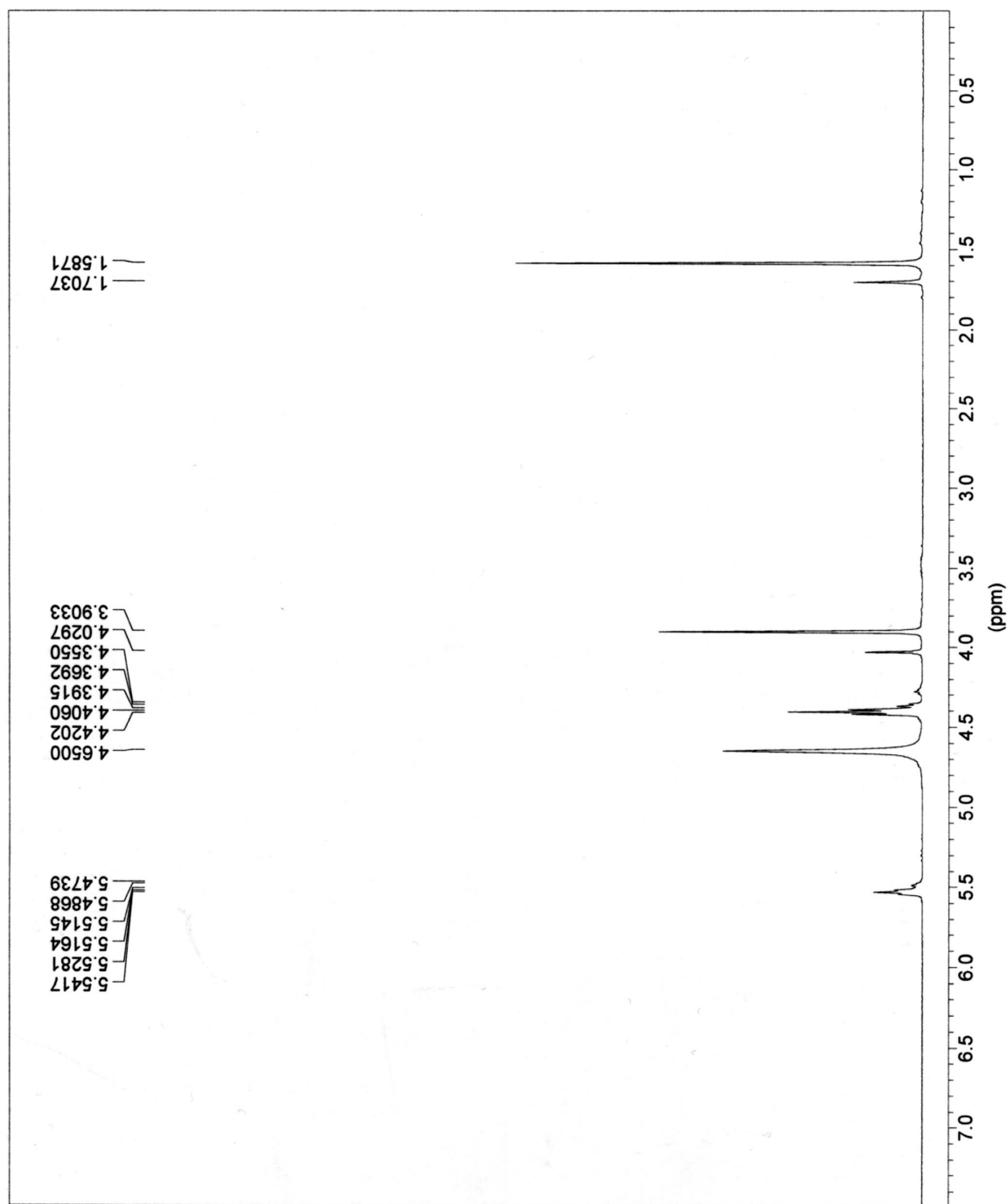
SFO3 500.1330885 MHz

TE : 300.0 K

*** Processing Parameters *

SF 500.1293220 MHz

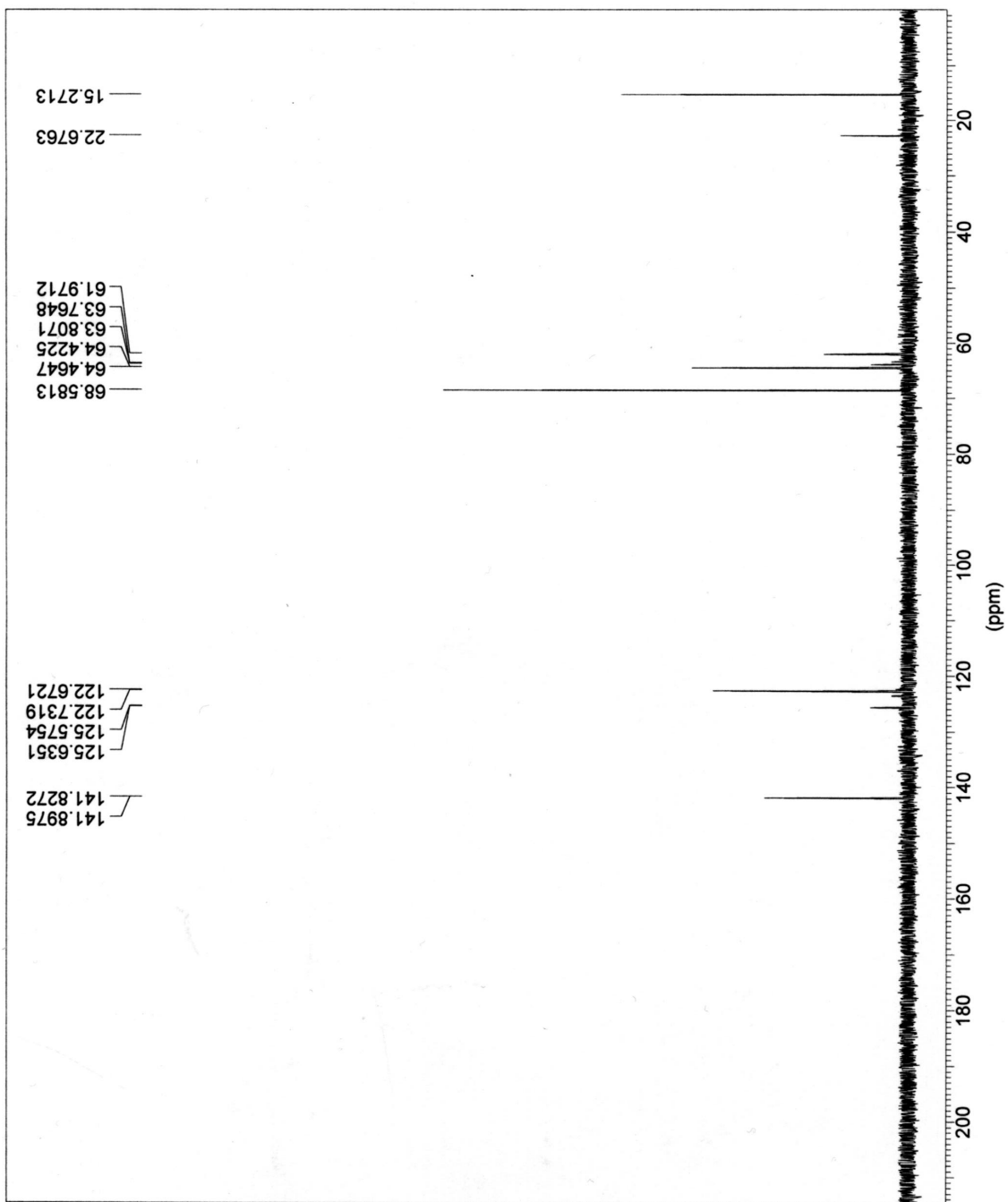
E/Z-6



E/Z-6



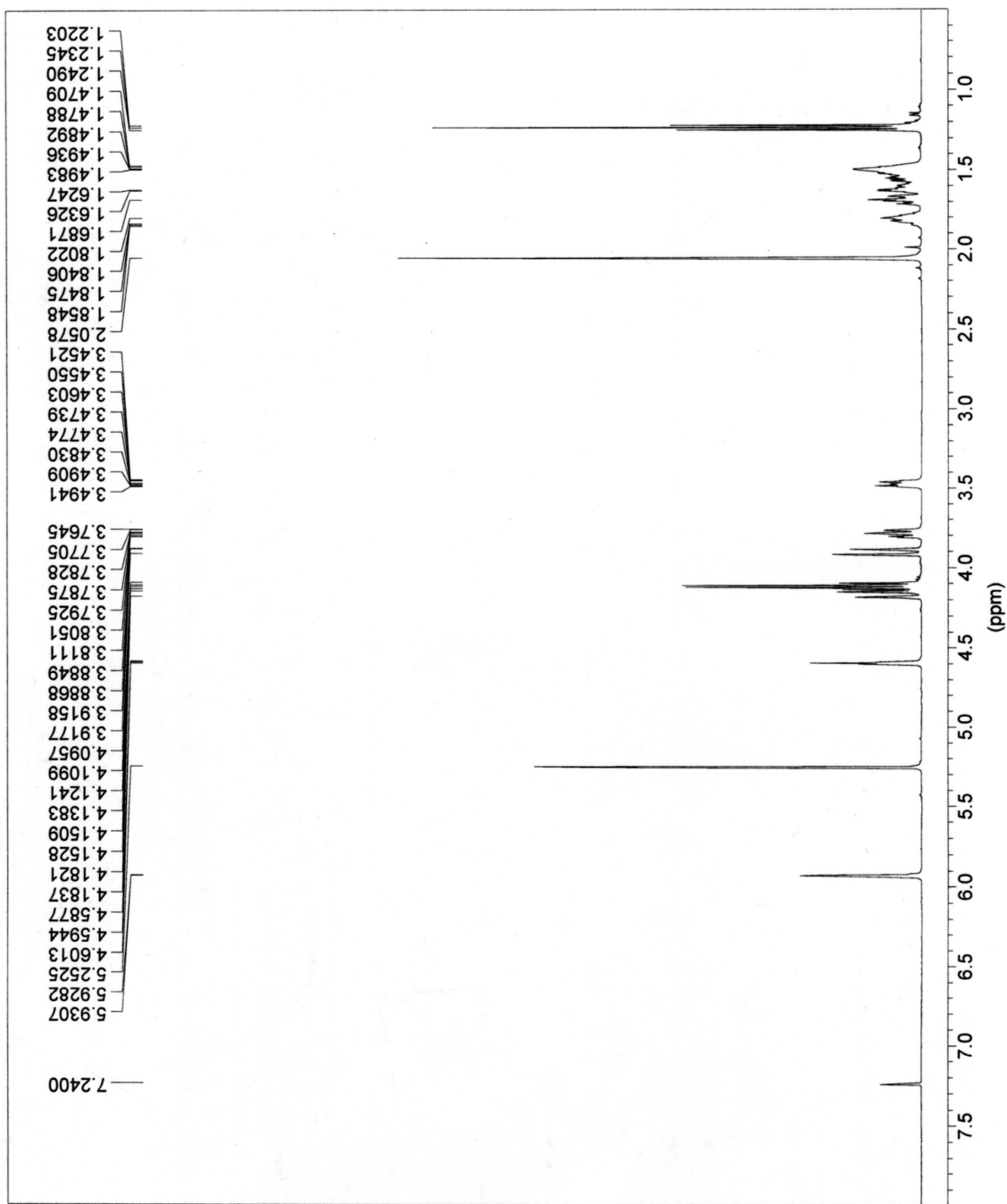
*** Current Data Parameters
NAME : 4
EXPNO : 141
PROCNO : 1
*** Acquisition Parameters *
DATE_t : 14:29:43
DATE_d May 22 2001
NS : 1512
SFO1 125.7715719 MHz
SFO2 500.1320005 MHz
SFO3 125.7715719 MHz
TE : 300.0 K
*** Processing Parameters *
SF 125.7575390 MHz





*** Current Data Parameters
NAME : 1
EXPNO : 11
PROCNO: 1
*** Acquisition Parameters *
DATE_t : 20:33:09
DATE_d Oct 24 2001
NS : 51
SFO1 500.1330885 MHz
SFO2 500.1330885 MHz
SFO3 500.1330885 MHz
TE : 300.0 K
*** Processing Parameters *
SF 500.1300230 MHz

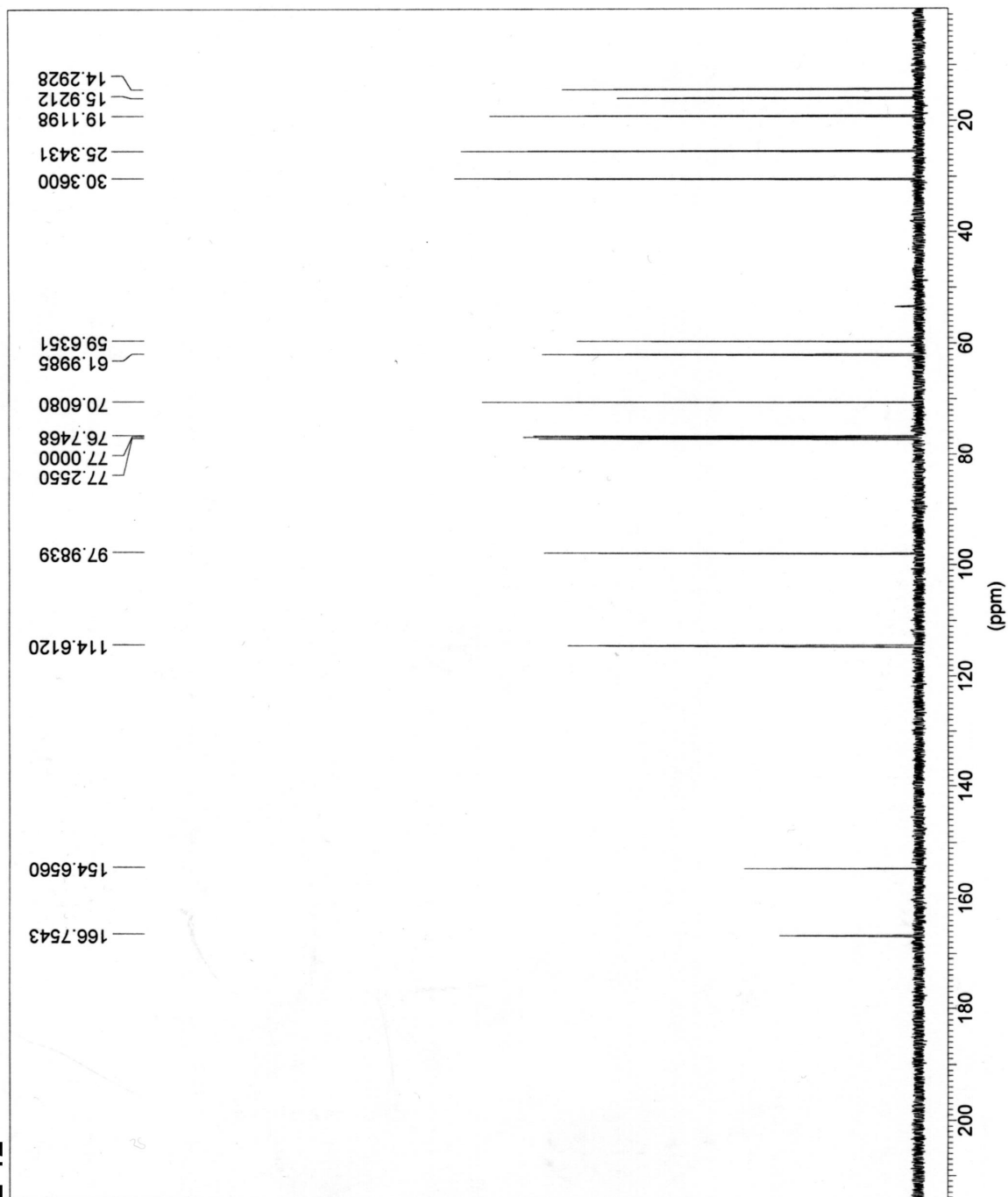
E-12





*** Current Data Parameters
NAME : 2
EXPNO : 121
PROCNO: 1
*** Acquisition Parameters *
DATE_t : 13:19:18
DATE_d Oct 24 2001
NS : 206
SFO1 125.7715719 MHz
SFO2 500.1320005 MHz
SFO3 125.7715719 MHz
TE : 300.0 K
*** Processing Parameters *
SF 125.7577930 MHz

E-12



E-13



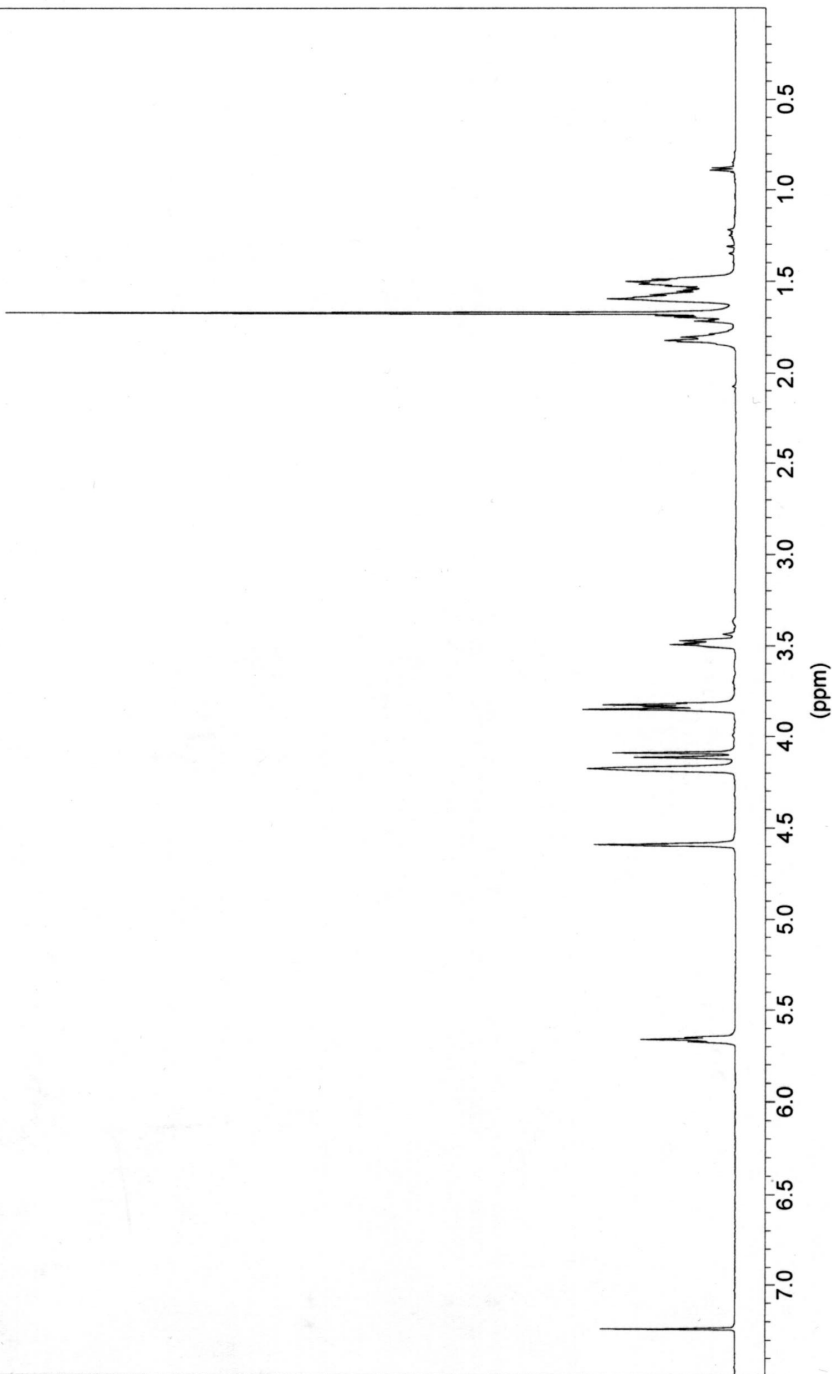
1.8264
1.8195
1.8003
1.7142
1.6947
1.6877
1.6726
1.5935
1.5853
1.5119
1.5081
1.5002
1.4889

4.5975
4.5903
4.5833
4.1749
4.1109
4.0860
3.8493
3.8367
3.8313
3.8241
3.8143
3.4941
3.4710

5.6619
5.6594

7.2400

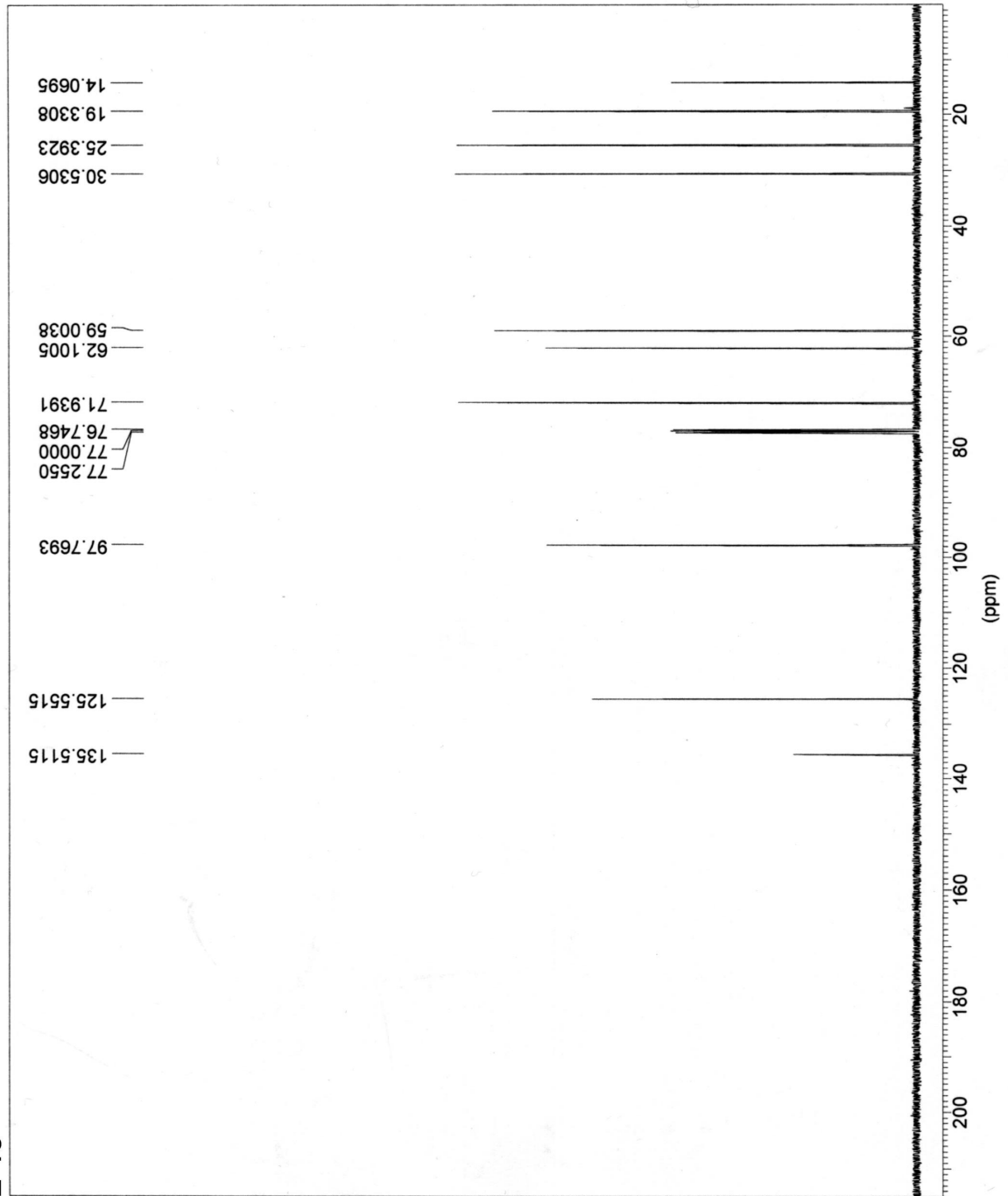
*** Current Data Parameters
NAME : 1
EXPNO : 11
PROCNO : 1
*** Acquisition Parameters *
DATE_t : 19:14:40
DATE_d : Oct 25 2001
NS : 91
SFO1 : 500.1330885 MHz
SFO2 : 500.1330885 MHz
SFO3 : 500.1330885 MHz
TE : 300.0 K
*** Processing Parameters *
SF : 500.1300230 MHz





*** Current Data Parameters
NAME : 2
EXPNO : 121
PROCNO : 1
*** Acquisition Parameters *
DATE_t : 19:24:25
DATE_d Oct 25 2001
NS : 217
SFO1 125.7715719 MHz
SFO2 500.1320005 MHz
SFO3 125.7715719 MHz
TE : 300.0 K
*** Processing Parameters *
SF 125.7577950 MHz

E-13





*** Current Data Parameters

NAME : 11
EXPNO : 11
PROCNO: 1

*** Acquisition Parameters *

DATE_t : 12:23:05
DATE_d Nov 08 2001
NS : 128

SFO1 360.1322240 MHz

SFO2 360.1322240 MHz

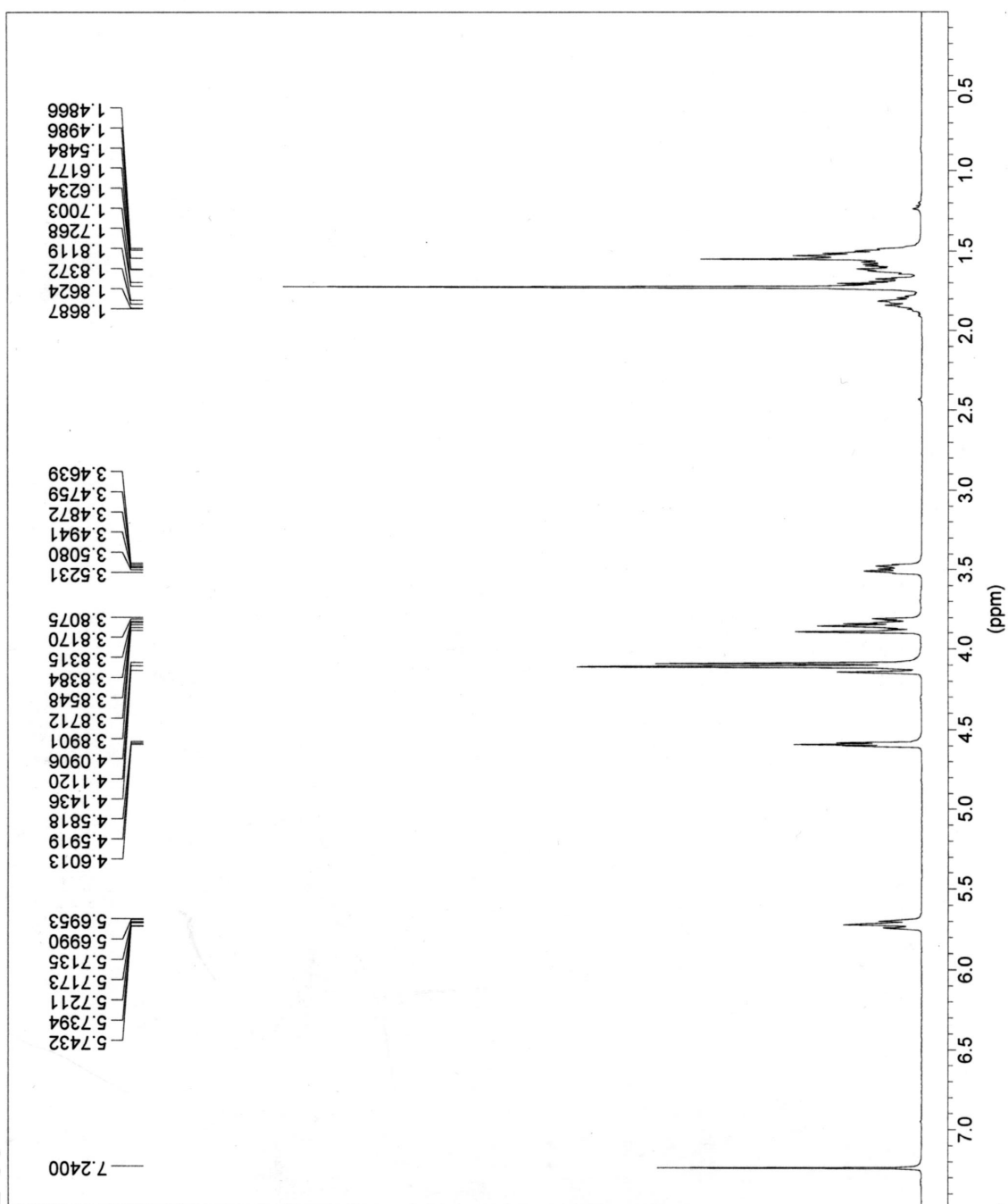
SFO3 360.1322240 MHz

TE : 300.0 K

*** Processing Parameters *

SF 360.1300140 MHz

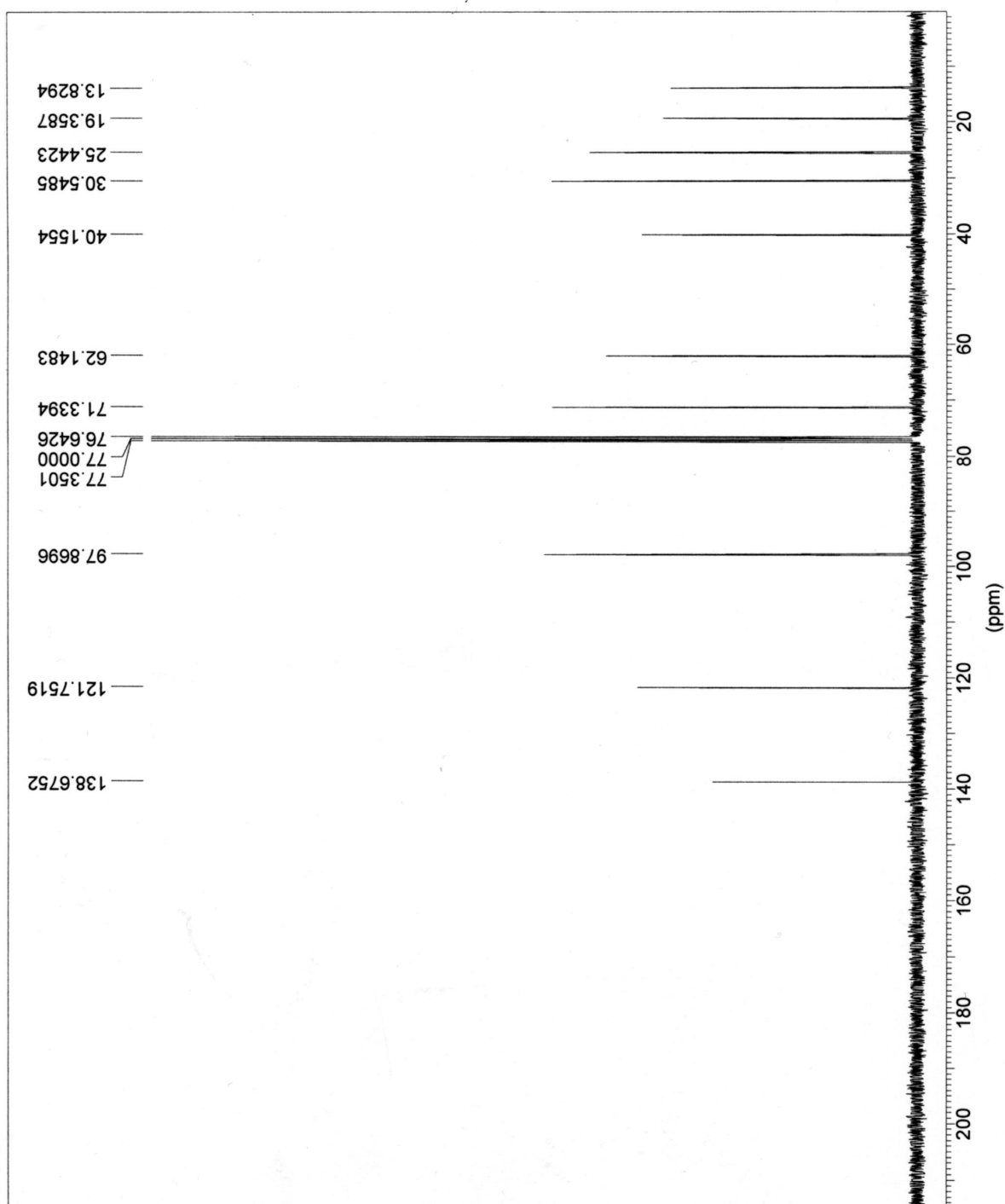
E-14





*** Current Data Parameters
NAME : 10
EXPNO : 10\1
PROCNO: 1
*** Acquisition Parameters *
DATE_t : 12:08:34
DATE_d Nov 08 2001
NS : 1024
SFO1 :90.5637800 MHz
SFO2 :360.1314405 MHz
SFO3 :90.5637800 MHz
TE : 300.0 K
*** Processing Parameters *
SF :90.5547600 MHz

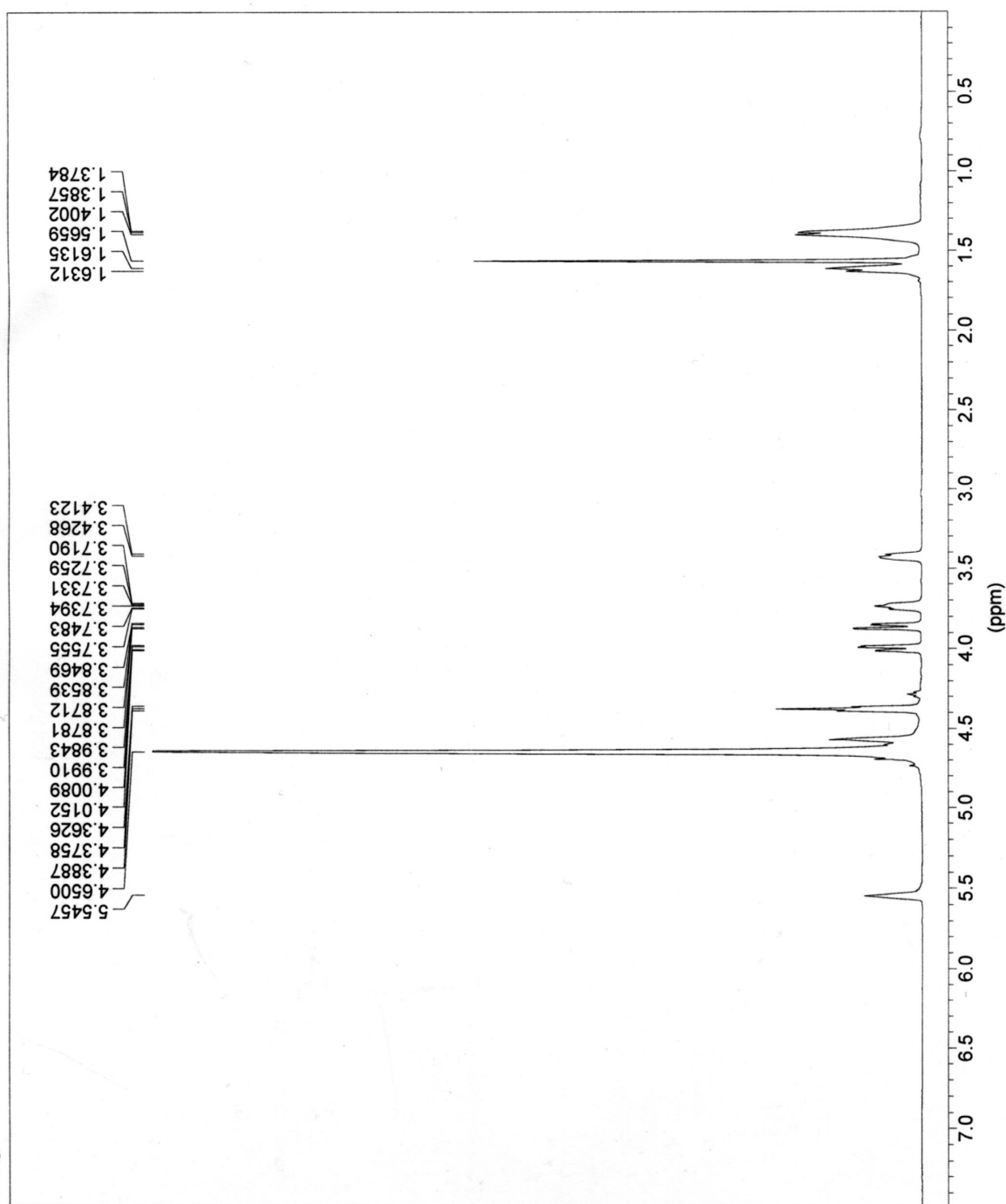
E-14





*** Current Data Parameters
 NAME : 1
 EXPNO : 11
 PROCNO: 1
 *** Acquisition Parameters *
 DATE_t : 14:18:14
 DATE_d Feb 12 2002
 NS : 93
 SFO1 500.1330885 MHz
 SFO2 500.1330885 MHz
 SFO3 500.1330885 MHz
 TE : 300.0 K
 *** Processing Parameters *
 SF 500.1300270 MHz

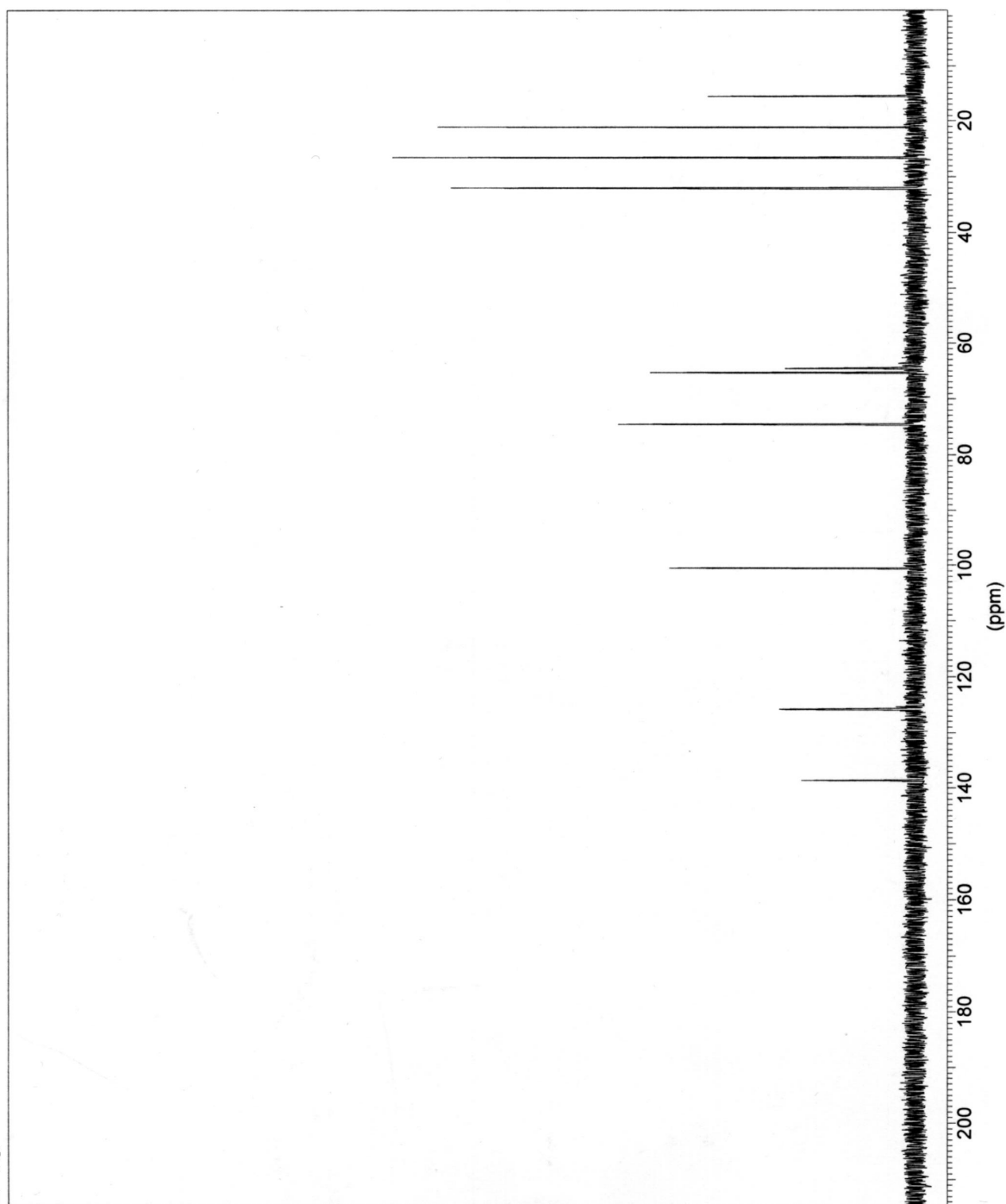
E-15





*** Current Data Parameters
NAME : 4
EXPNO : 141
PROCNO: 1
*** Acquisition Parameters *
DATE_t : 14:50:52
DATE_d Feb 12 2002
NS : 899
SFO1 125.7715719 MHz
SFO2 500.1320005 MHz
SFO3 125.7715719 MHz
TE : 300.0 K
*** Processing Parameters *
SF 125.7575390 MHz

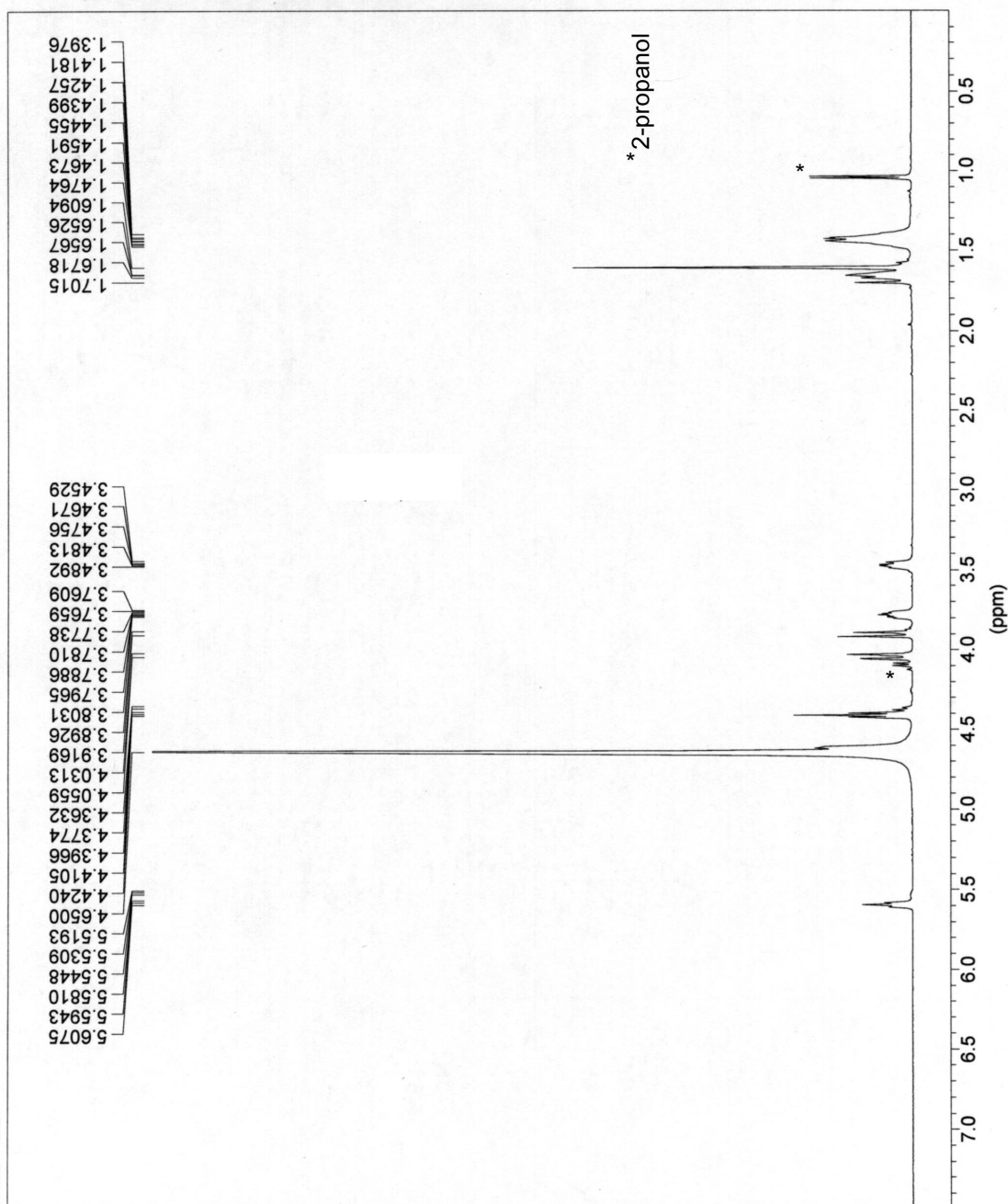
E-15

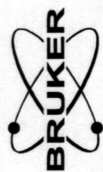




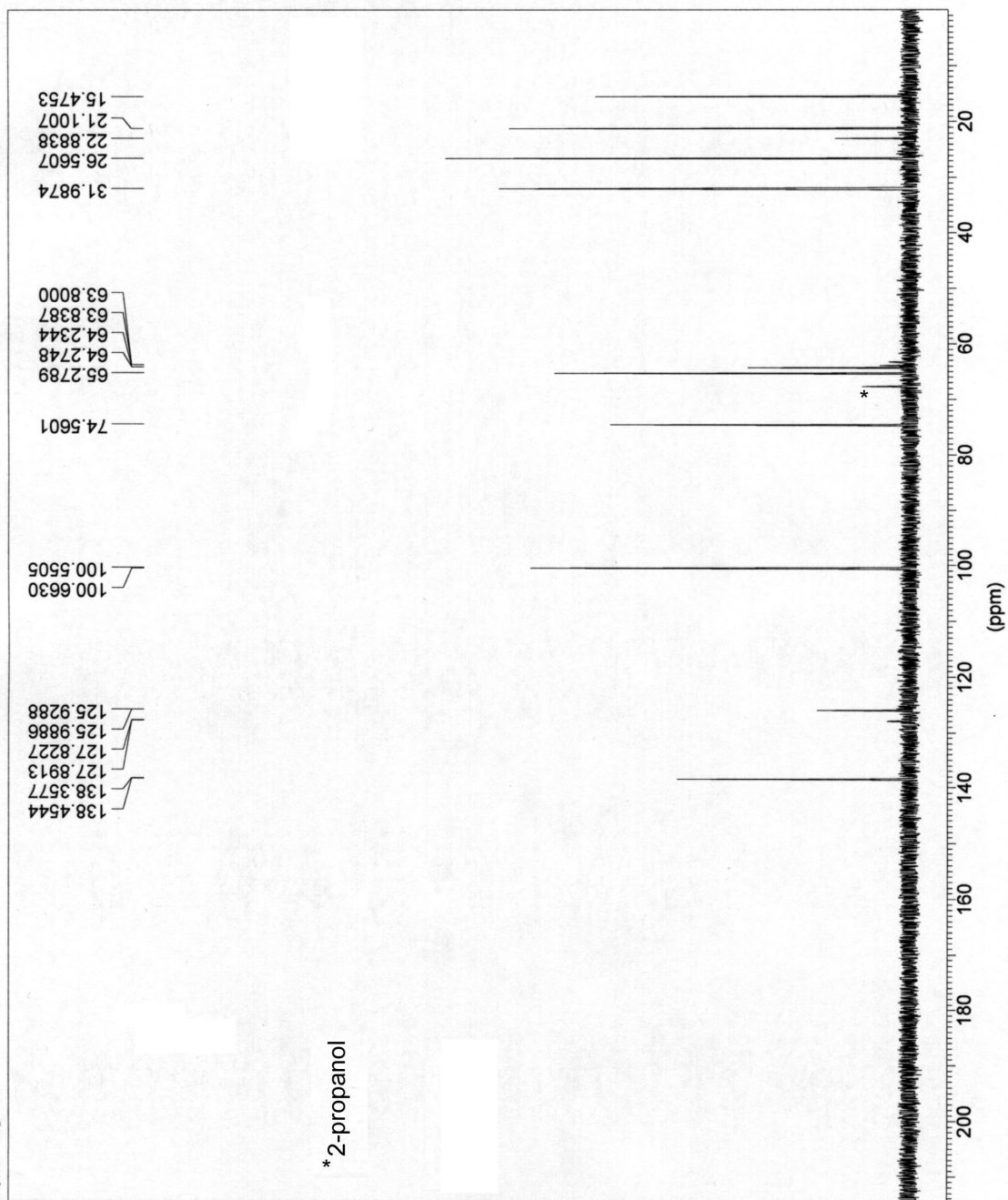
*** Current Data Parameters
NAME : 1
EXPNO : 11
PROCNO: 1
*** Acquisition Parameters *
DATE_t : 15:08:18
DATE_d May 11 2001
NS : 128
SFO1 500.1330885 MHz
SFO2 500.1330885 MHz
SFO3 500.1330885 MHz
TE : 300.0 K
*** Processing Parameters *
SF 500.1300280 MHz

E/Z-15





E/Z-15



*** Current Data Parameters

NAME : 4

EXPNO : 141

PROCNO: 1

*** Acquisition Parameters *

DATE_t : 18:52:55

DATE_d May 17 2001

NS : 2387

SFO1 125.7715719 MHz

SFO2 500.1320005 MHz

SFO3 125.7715719 MHz

TE : 300.0 K

*** Processing Parameters *

SF 125.7575390 MHz

* 2-propanol