

ZX046 cdc13
Xie / Laatsch / EP

Jun 29 2011

INSTRUMENT: MERCURY-300

PROBE atb

OBSERVE H1

Frequency 300.140 MHz

Spectral width 5109.9 Hz

Acquisition time 3.128 sec

Relaxation delay 0.000 sec

Pulse 45.0 degrees

Ambient temperature

48 repetitions

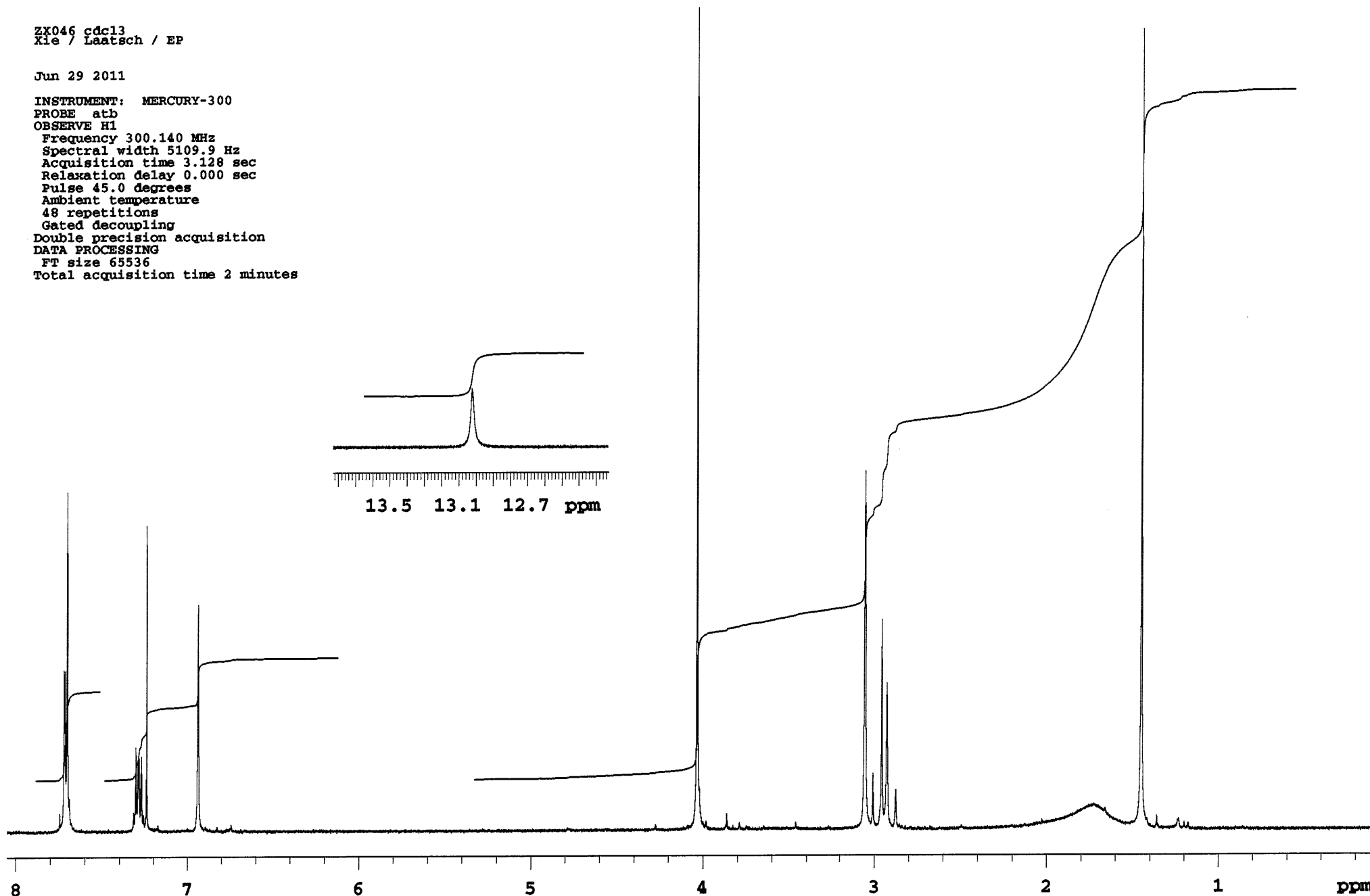
Gated decoupling

Double precision acquisition

DATA PROCESSING

FT size 65536

Total acquisition time 2 minutes



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FILE:nmrdata: laatsch/zx046_3h

zx046 cdcl3
Xie/Laatsch

SPECTRAL LINES FOR TH= 6.9
FROM 11.4 PPM TO 211.4 PPM
RFL= 11549.8 RFP= 9678.4

INDEX	FREQ	PPM	HEIGHT
1	24605.6	195.76	16.4
2	23665.0	188.28	14.0
3	23209.1	184.65	13.3
4	20600.2	163.89	21.1
5	20145.1	160.27	16.6
6	18783.8	149.44	19.3
7	17316.3	137.77	17.0
8	17298.8	137.63	12.8
9	17140.0	136.36	37.2
10	15965.1	127.02	13.5
11	15309.7	121.80	35.3
12	15069.1	119.89	38.0
13	15037.8	119.64	11.2
14	14799.1	117.74	12.3
15	14755.4	117.39	36.6
16	9710.3	77.25	195.6
17	9678.4	77.00	200.0
18	9646.5	76.75	198.1
19	9051.3	72.01	30.1
20	7112.0	56.58	37.8
21	6752.1	53.72	38.9
22	5547.5	44.14	38.7
23	3743.8	29.79	38.2

zx046 cdc13
Xie/Laatsch
Jul 5 2011

INSTRUMENT INOVA-500
PROBE coldc 3mm
OBSERVE C13
Frequency 125.707 MHz
Spectral width 30120.5 Hz
Acquisition time 2.125 sec
Relaxation delay 0.000 sec
Pulse width 36.0 degrees
Temperature 27.0 deg. C / 300.1 K
No. repetitions 464

DECOUPLE H1
Frequency 499.877 Mhz
Power 32 dB
Decoupler continuously on
WALTZ-16 modulated

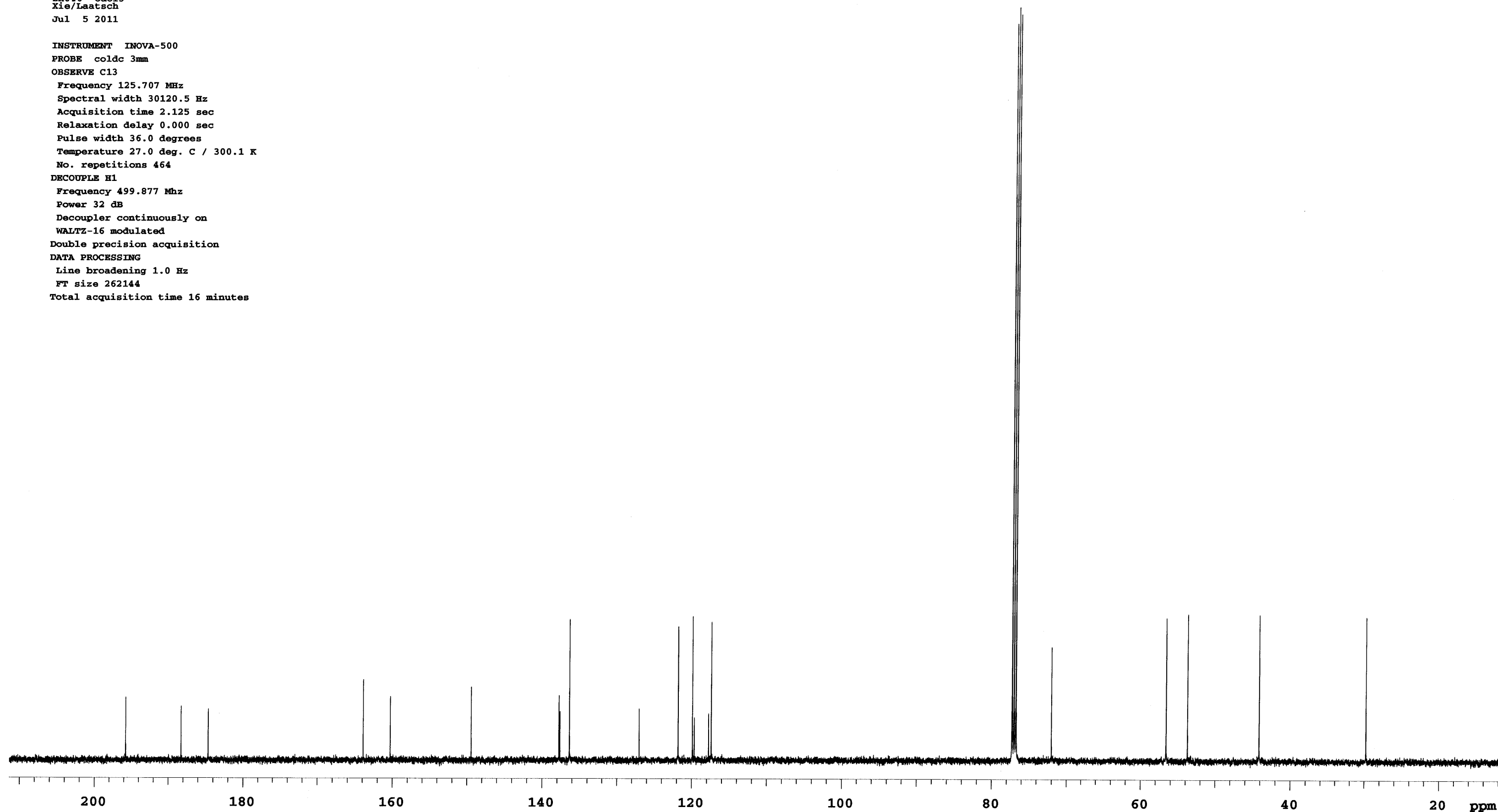
Double precision acquisition

DATA PROCESSING

Line broadening 1.0 Hz

FT size 262144

Total acquisition time 16 minutes



zx046 cdc13
Xie/Laatsch

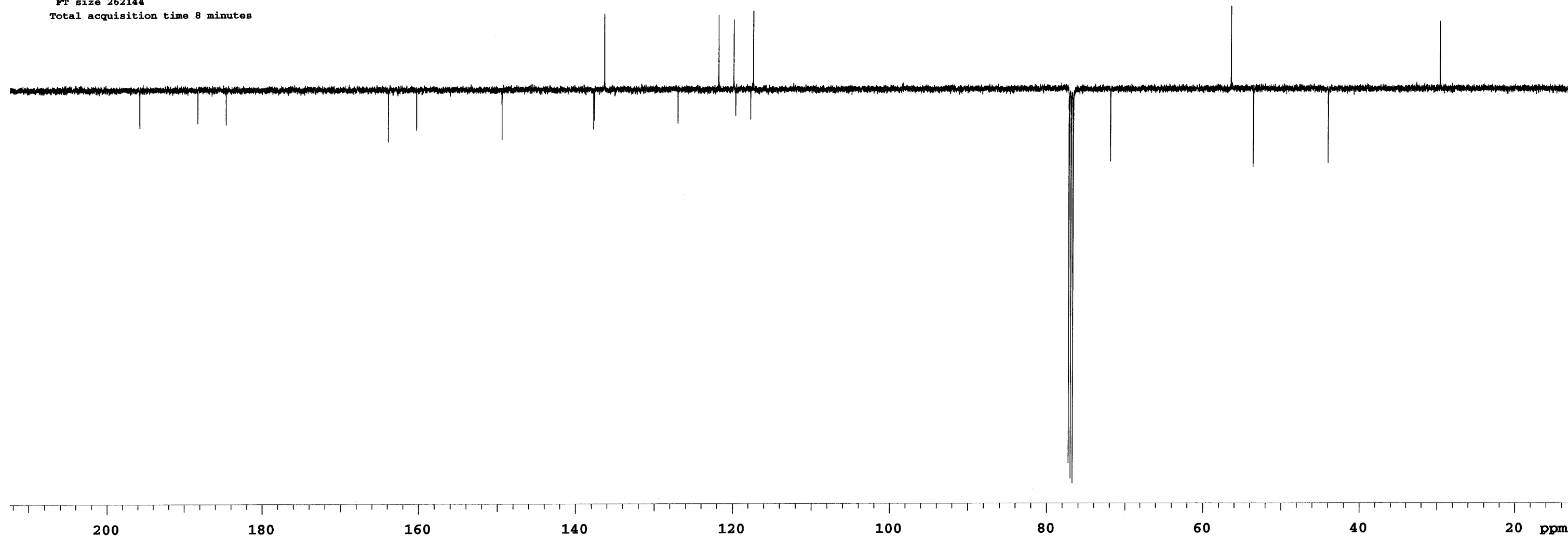
DATE: Jul 5 2011

FILE:nmrdest: laatsch/zx046_5c

zx046 cdcl3
Xie/Laatsch
Jul 5 2011

APT - Spectrum : CH,CH3 up / C,CH2 down

INSTRUMENT INOVA-500
PROBE coldc 3mm
Pulse sequence APT_ad
OBSERVE C13
Frequency 125.707 MHz
Spectral width 30165.9 Hz
Acquisition time 2.122 sec
Relaxation delay 2.000 sec
Pulse width 90.0 degrees
Temperature 27.0 deg. C / 300.1 K
No. repetitions 112
DECOUPLE H1
Frequency 499.877 Mhz
Power 32 dB
Decoupler gated on during acquisition
WALTZ-16 modulated
Double precision acquisition
DATA PROCESSING
Line broadening 1.0 Hz
FT size 262144
Total acquisition time 8 minutes



zx046 cdcl3
Xie/Laatsch

DATE: Jul 5 2011

FILE:nmrdast: laatsch/zx046_5apt_ad