

ZX045 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

32 repetitions

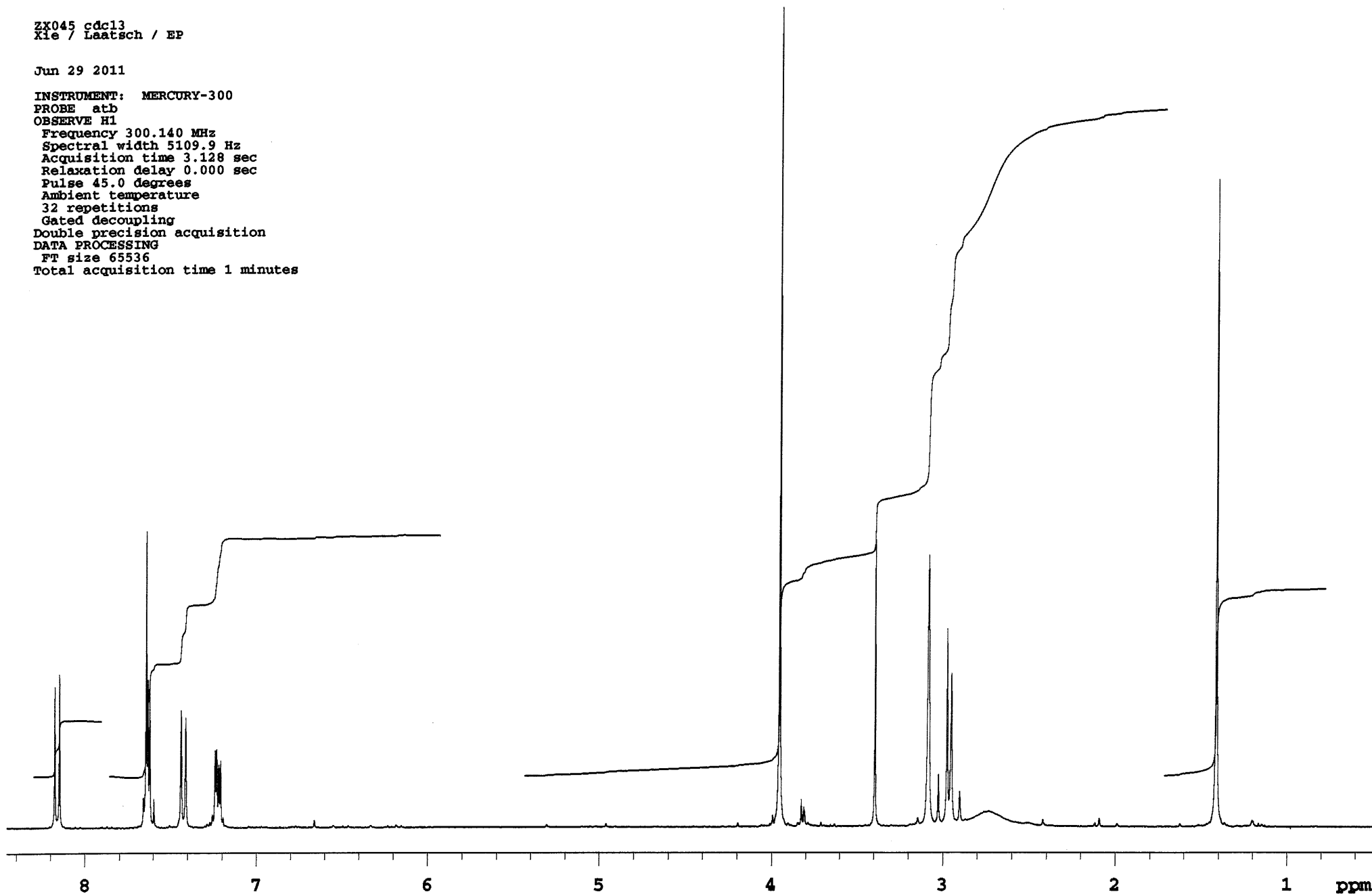
Gated decoupling

Double precision acquisition

DATA PROCESSING

FT size 65536

Total acquisition time 1 minutes



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FILE:nmrdata: laatsch/zx045_3h

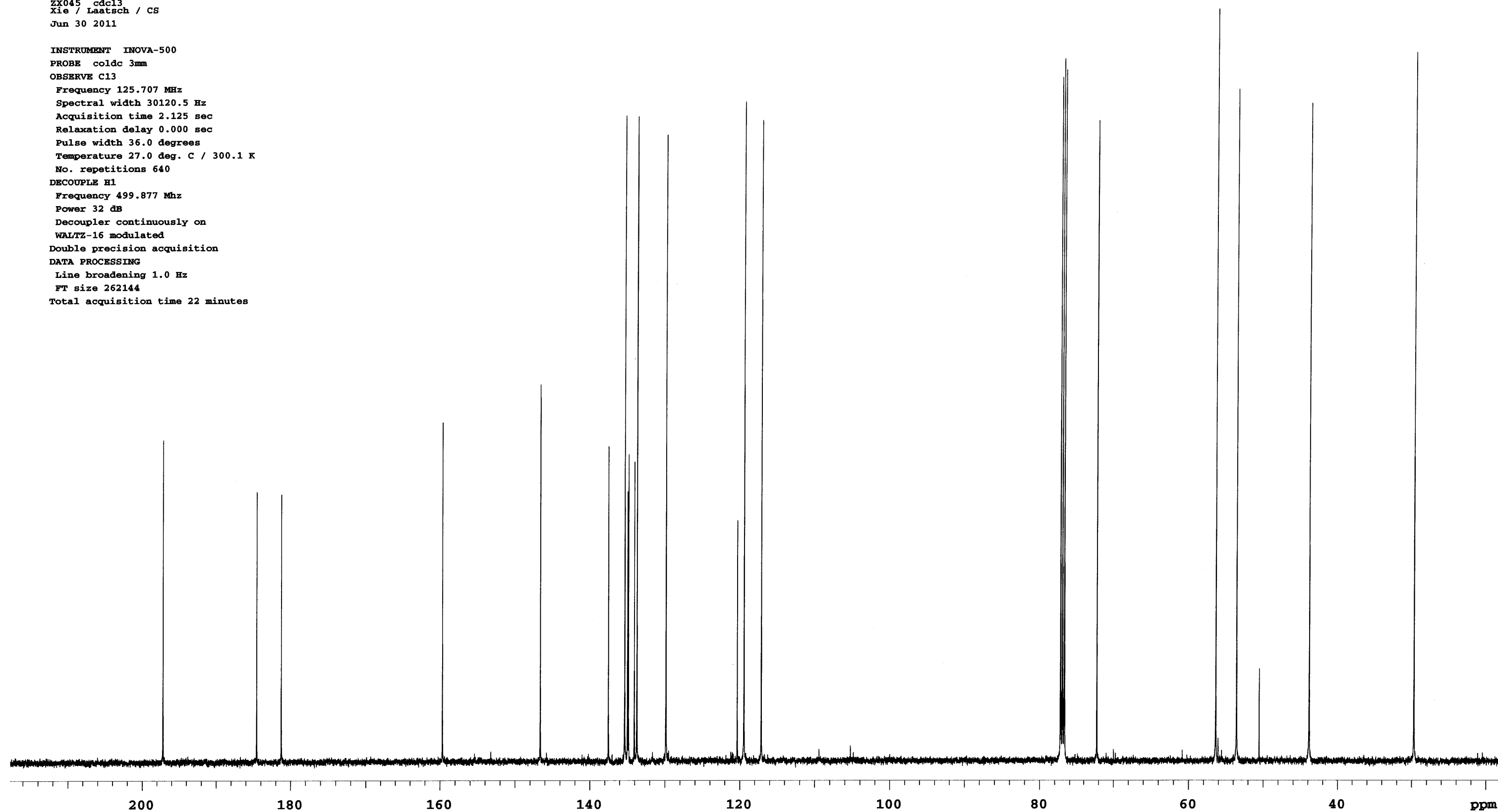
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SPECTRAL LINES FOR TH= 7.9
FROM 17.7 PPM TO 217.7 PPM
RFL= 11558.5 RFP= 9678.4

INDEX	FREQ	PPM	HEIGHT
1	24785.3	197.19	85.4
2	23197.6	184.56	71.6
3	22784.2	181.27	70.9
4	20071.8	159.69	90.1
5	18431.3	146.64	100.1
6	17287.1	137.53	83.7
7	17011.6	135.34	171.6
8	16966.3	134.98	71.7
9	16949.8	134.85	81.6
10	16851.6	134.07	79.6
11	16807.7	133.72	171.4
12	16324.5	129.88	166.5
13	15128.1	120.36	64.0
14	15014.6	119.45	175.3
15	14724.1	117.14	170.3
16	9710.3	77.25	181.8
17	9678.4	77.00	186.7
18	9646.5	76.75	183.8
19	9083.4	72.27	170.3
20	7086.0	56.38	200.0
21	6734.4	53.58	178.6
22	6352.5	50.54	24.6
23	5513.9	43.87	174.9
24	3735.1	29.72	188.4

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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 640
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 22 minutes



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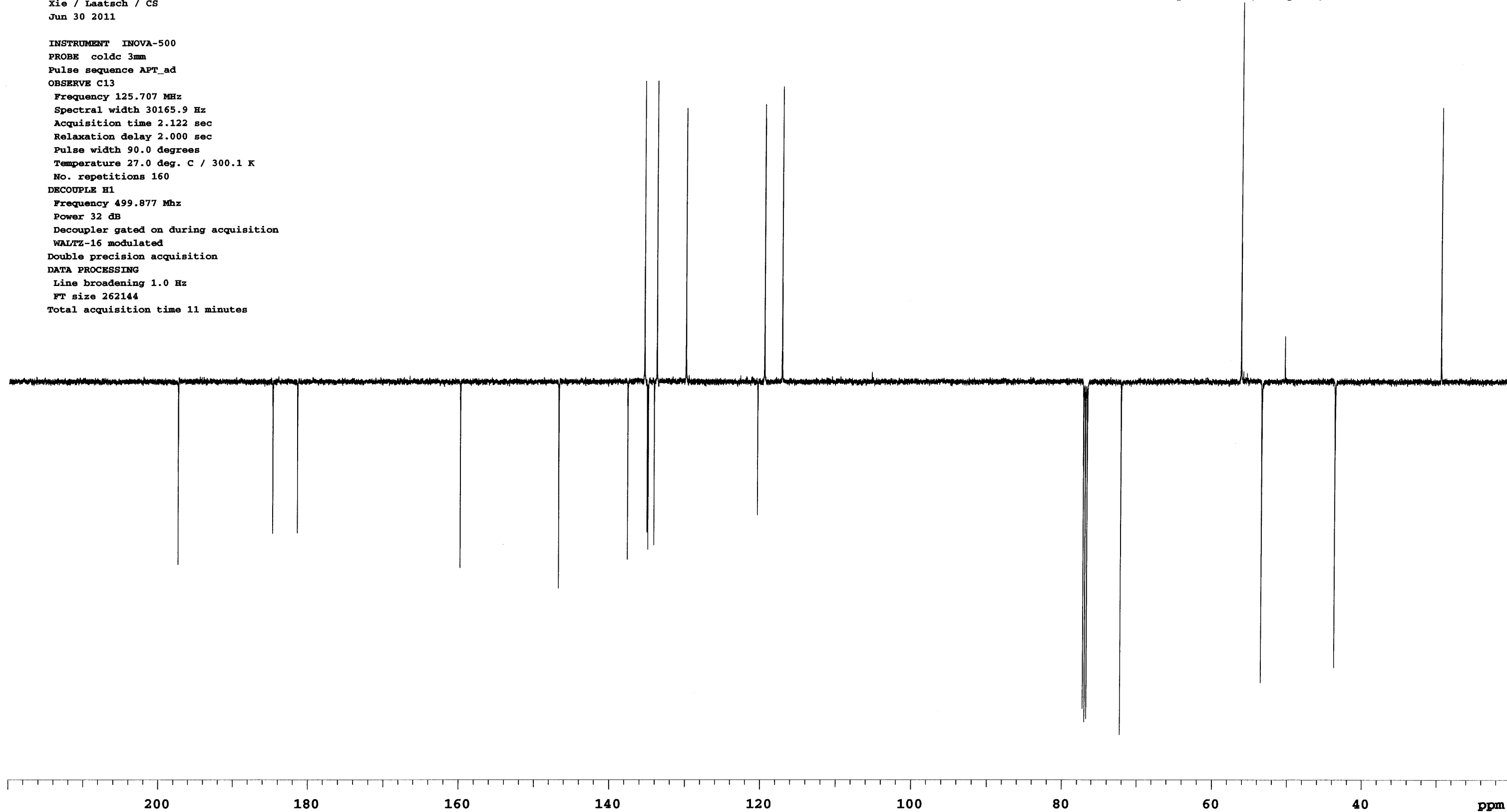
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FILE:nmrdast: laatsch/zx045_5c

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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 160
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 11 minutes

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



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FILE:nmrdest: laatsch/zx045_5apt_ad