

Bacterial strain and growth conditions

The *P. aeruginosa* strain PA01 wild type (B.Iglewski)¹ was used in this study. Colonies were grown on a Luria-Bertani (LB) agar plate at 37 °C overnight. The colonies were used to inoculate 10 mL fresh LB media and grown overnight at 37 °C. The overnight cultures were used to inoculate fresh LB media to an initial OD₆₀₀ of 0.05 and cultures were grown with good aeration (300 rpm in an orbital shaker) at 37 °C. Cultures were then used as a source of bacteria for a phenotypic assay (pyocyanin production). A Jenway 6705 spectrometer 1cm path-length cuvettes were used for all spectrophotometric assays. Compounds for testing were stored as 10 mM stock solutions in DMSO at – 20 °C. Compounds in DMSO were added at the desired concentration to the culture at the start of growth. The final DMSO volume remained below 2% and an equivalent volume of DMSO with no compound was added to control cultures.

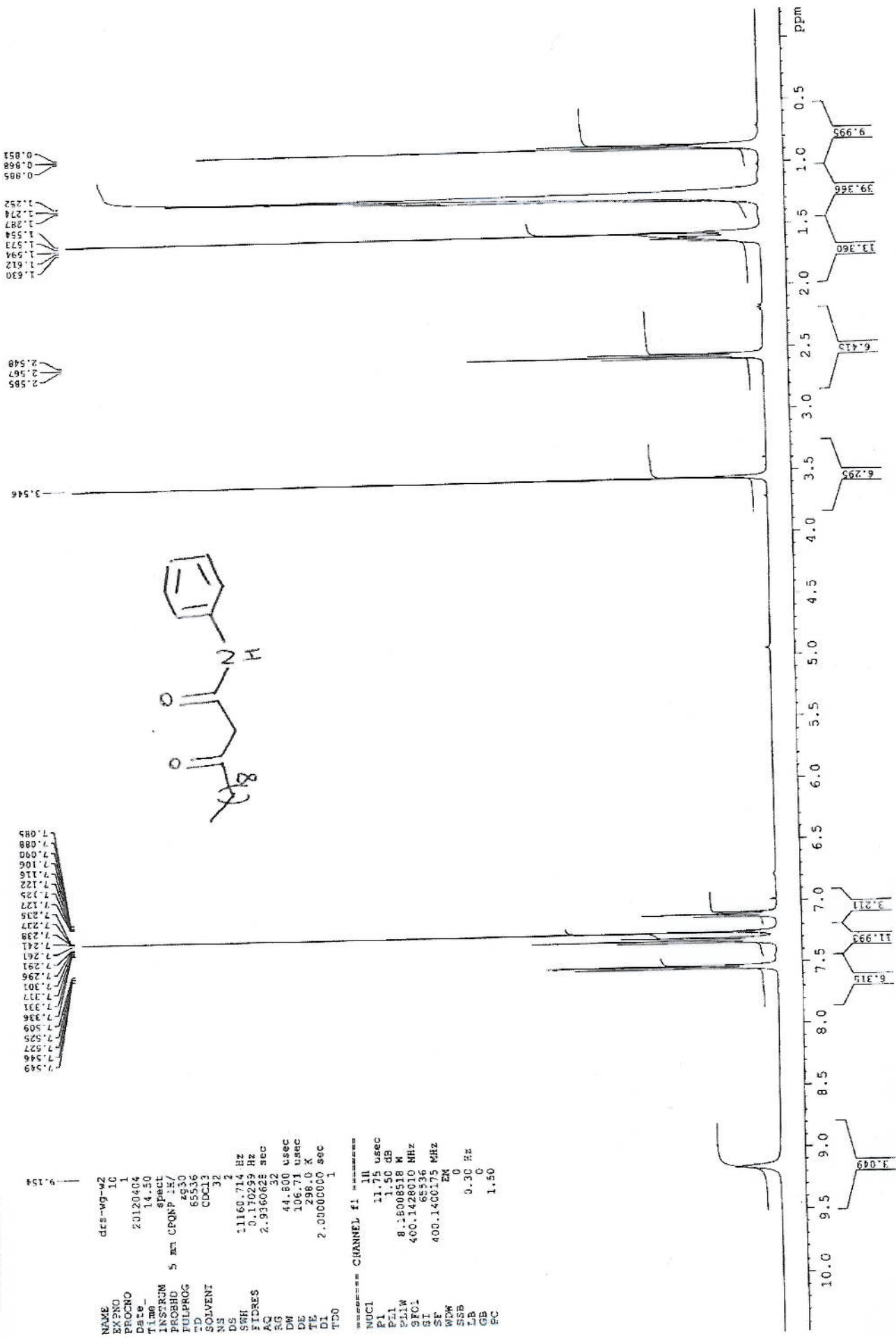
Pyocyanin assay

Pyocyanin in the culture supernatant was quantified as previously described.² After growth the OD₆₀₀ was recorded, and the samples were clarified by centrifugation (3,150 xg, 10 min, 20 °C) to remove cell debris. The supernatant (5 mL) was then extracted with chloroform (3 mL) by vortexing. The phases were separated by centrifugation (3,150 xg, 10 min, 20 °C) and the chloroform phase was transferred to a fresh tube and extracted with HCl aq (0.2 N, 1 mL). The phases were separated by centrifugation (3,150 xg, 10 min, 20 °C) and the absorption of the aqueous phase was measured at 520 nm and corrected for the culture OD₆₀₀.

References:

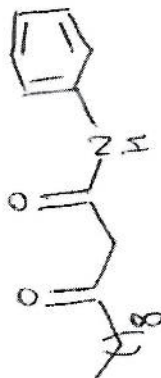
1. J. P. Pearson, E. C. Pesci and B. H. Iglewski, *J Bacteriol*, 1997, **179**, 5756-5767.
2. D. W. Essar, L. Eberly, A. Hadero and I. P. Crawford, *J Bacteriol*, 1990, **172**, 884-900.

proton16.std CDCl3 (D:\ds\k2) service 106



```

NAME          drs-wg-w2
EXPNO         11
PROCNO        1
Date_         20120404
Time_         15.27
INSTRUM       spect
PROBHD        5 mm CPQNP 1H/
PULPROG       zgpg30
TD            65536
SOLVENT       CDCl3
NS            400
DS            8
SWH           27173.912 Hz
FIDRES        0.414641 Hz
AQ            1.2059124 sec
RG            64
DE            18.400 usec
TE            298.0 K
D1            4.0000000 sec
D11           0.03000000 sec
TD0           1
    
```



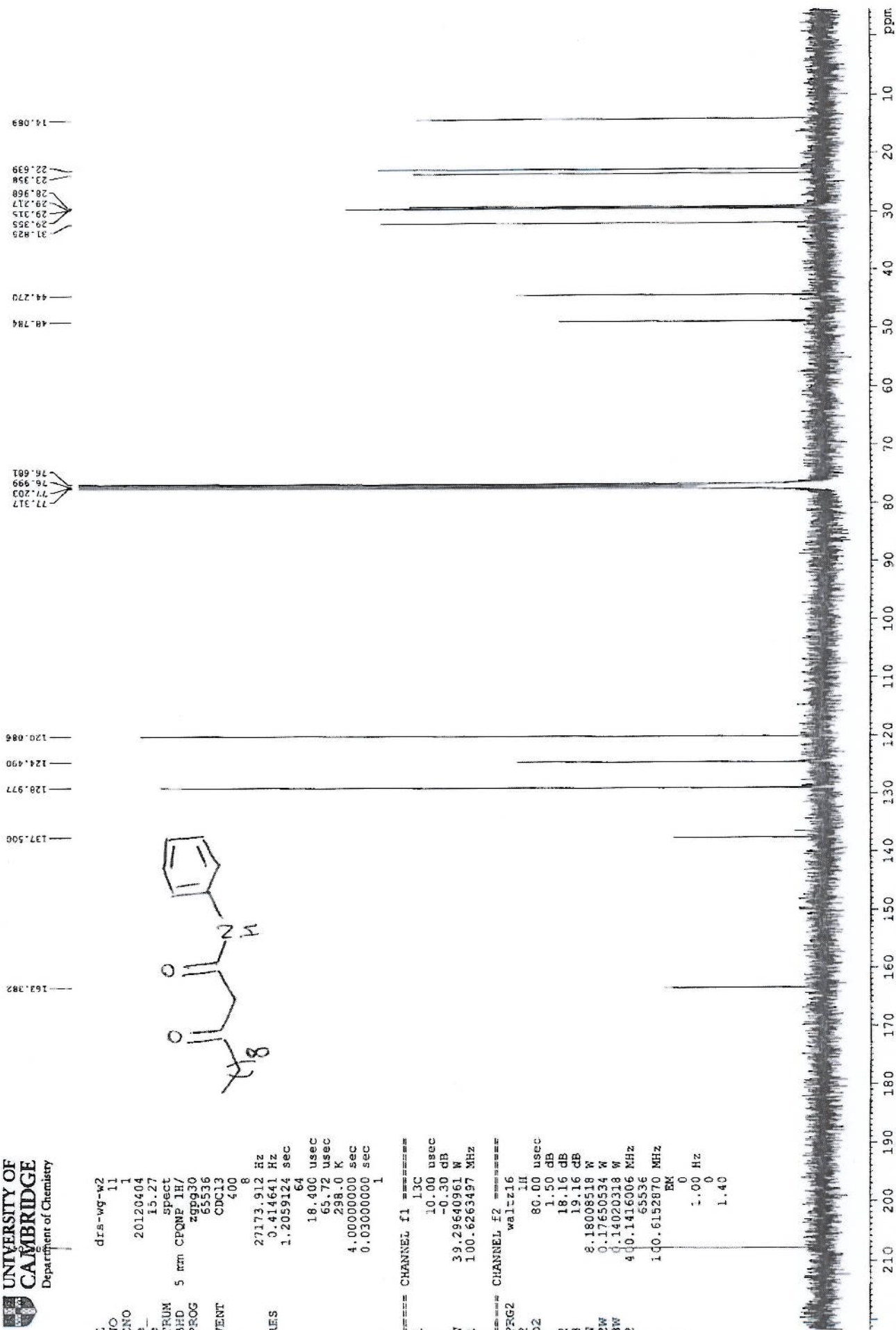
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===== CHANNEL f1 =====
NUC1          13C
P1            10.00 usec
PL1           -0.30 dB
PL1W          39.298640961 W
SF01          100.6263497 MHz
    
```

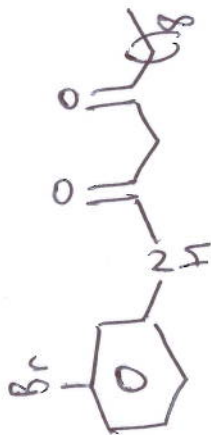
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===== CHANNEL f2 =====
CPDPRG2      waltz16
NUC2          1H
PCPD2        80.00 usec
PL2          1.50 dB
PL12         18.16 dB
PL13         19.16 dB
PL2W         2.18008518 W
PL12W        0.17650534 W
PL13W        0.14020318 W
SF02         400.1416006 MHz
SI           65536
SF           100.6152870 MHz
WDW          EM
SSB          0
LB           1.00 Hz
GB           0
PC           1.40
    
```

carbon256.std CDC13 (D:\disk2) service 106



9.317
 7.125
 7.141
 7.157
 7.198
 7.215
 7.215
 7.237
 7.403
 7.419
 7.788
 7.792
 7.795
 2.550
 2.535
 2.521
 1.592
 1.578
 1.563
 1.277
 1.259
 1.229
 0.862
 0.849
 0.835
 0.043

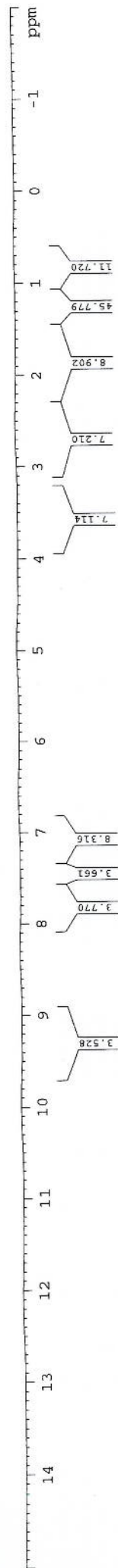


Current Data Parameters
 NAME drs-wg-f
 EXPNO 10
 PROCNO 1

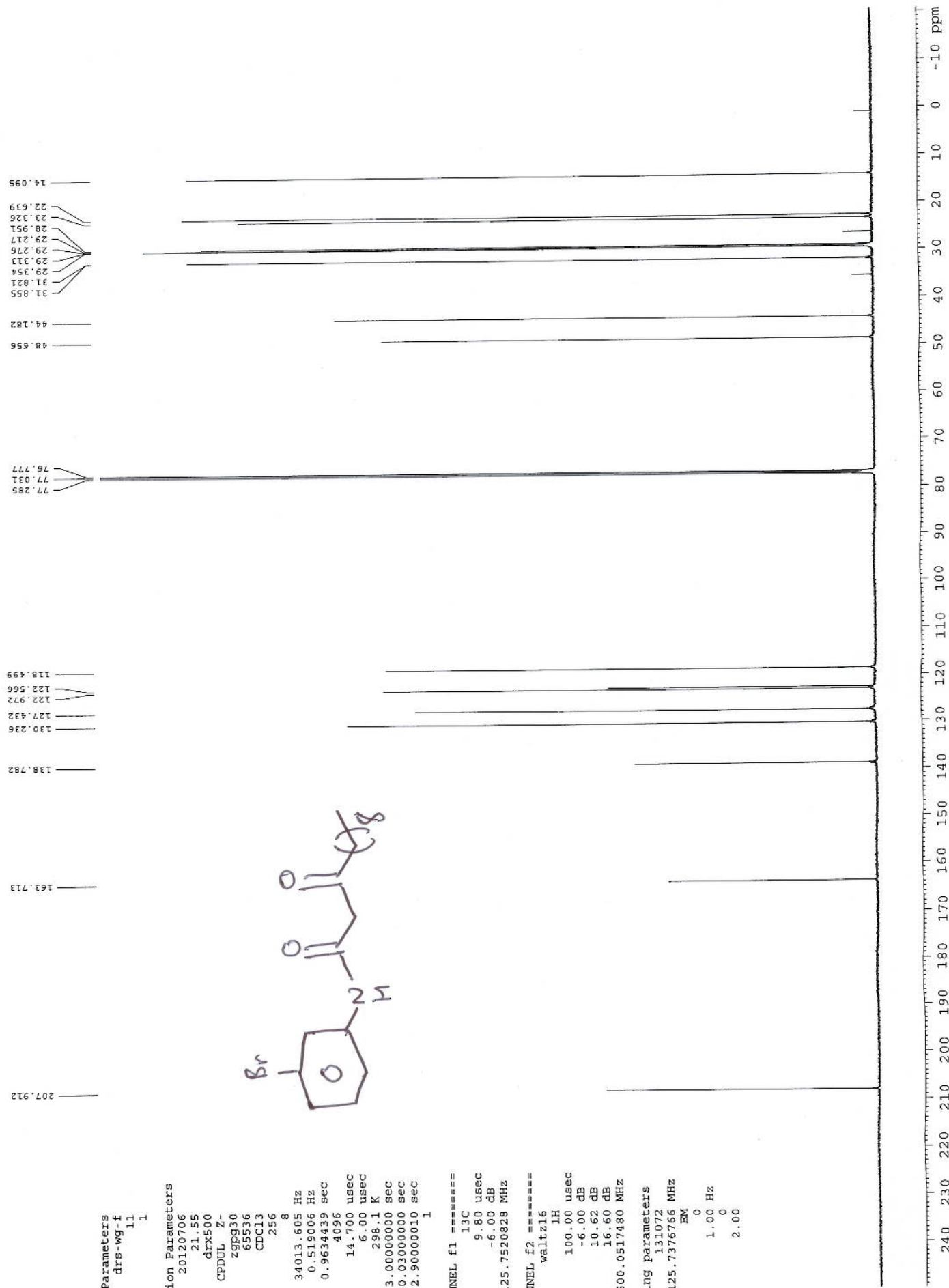
F2 - Acquisition Parameters
 Date_ 20120706
 Time 21.37
 INSTRUM drx500
 PROBHD 5 mm CPDUL Z-
 PULPROG zg30
 TD 65536
 SOLVENT CDC13
 NS 16
 DS 0
 SWH 8503.401 Hz
 FIDRES 0.129752 Hz
 AQ 3.8536255 sec
 RG 11.3
 DW 58.800 usec
 DE 6.00 usec
 TE 298.0 K
 D1 2.00000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PL1 -6.00 dB
 SFO1 500.0532723 MHz

F2 - Processing parameters
 SI 65536
 SF 500.0500219 MHz
 WDW EM
 SSB 0
 LB 0.10 Hz
 GB 0
 PC 1.50



500 MHz Cryoprobe 'Aberlour'



Current Data Parameters
 NAME drs-wg-1
 EXPNO 11
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20120706
 Time_ 21.55
 INSTRUM drx500
 PROBHD 5 mm CPDUL Z-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 256
 DS 8
 SWH 34013.605 Hz
 FIDRES 0.519006 Hz
 AQ 0.9634439 sec
 RG 4096
 DW 14.700 usec
 DE 6.00 usec
 TE 298.1 K
 D1 3.00000000 sec
 d11 0.03000000 sec
 DELTA 2.90000010 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 9.80 usec
 PL1 -6.00 dB
 SFO1 125.7520828 MHz

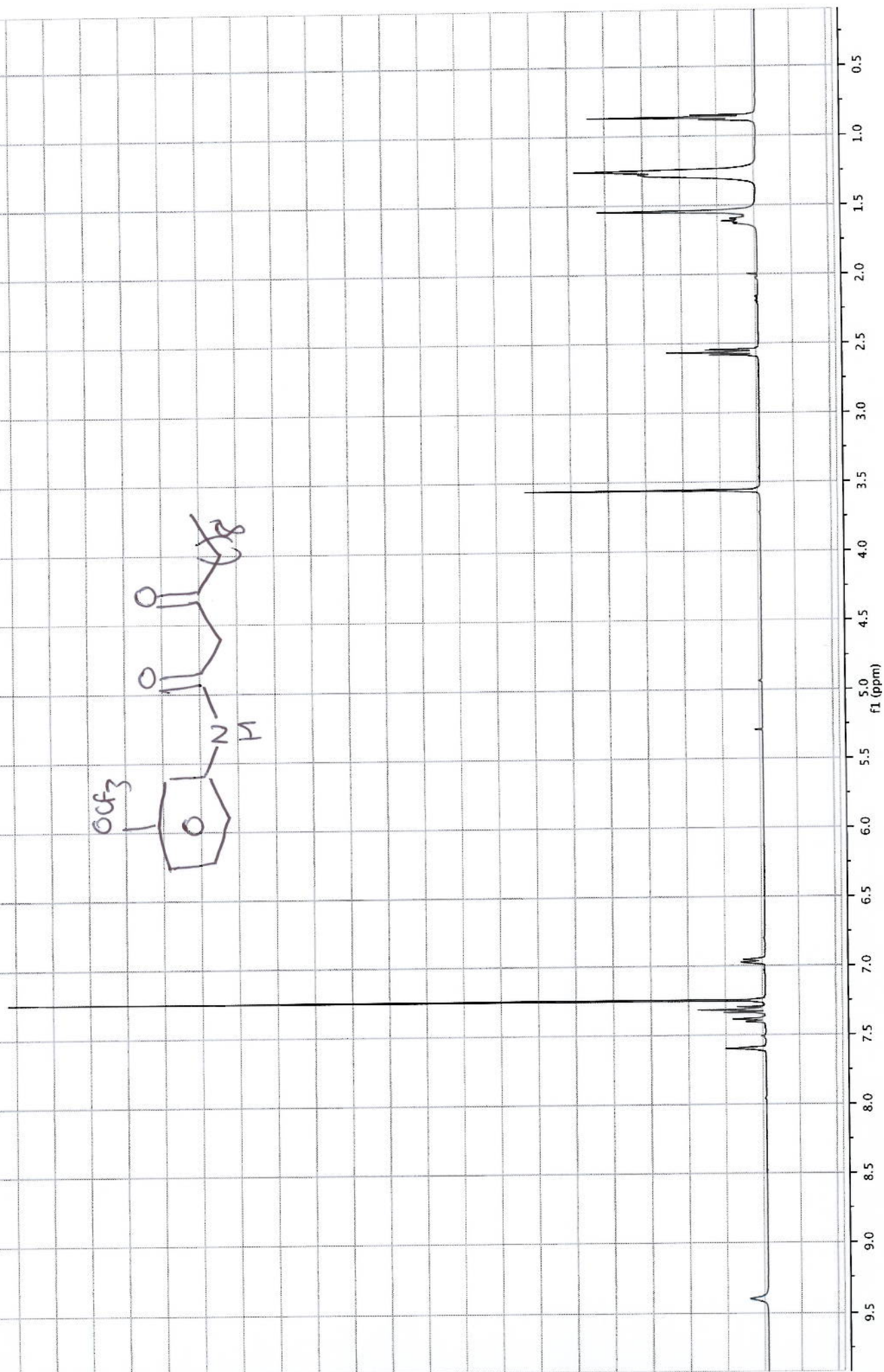
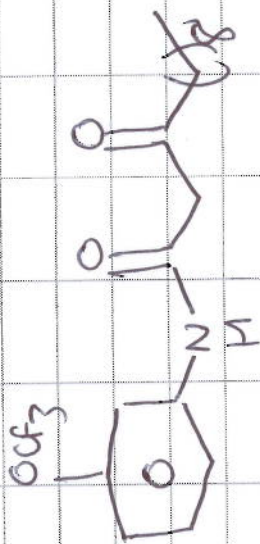
===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -6.00 dB
 PL12 10.62 dB
 PL13 16.60 dB
 SFO2 500.0517480 MHz

F2 - Processing parameters

SI 131072
 SF 125.7376766 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 2.00

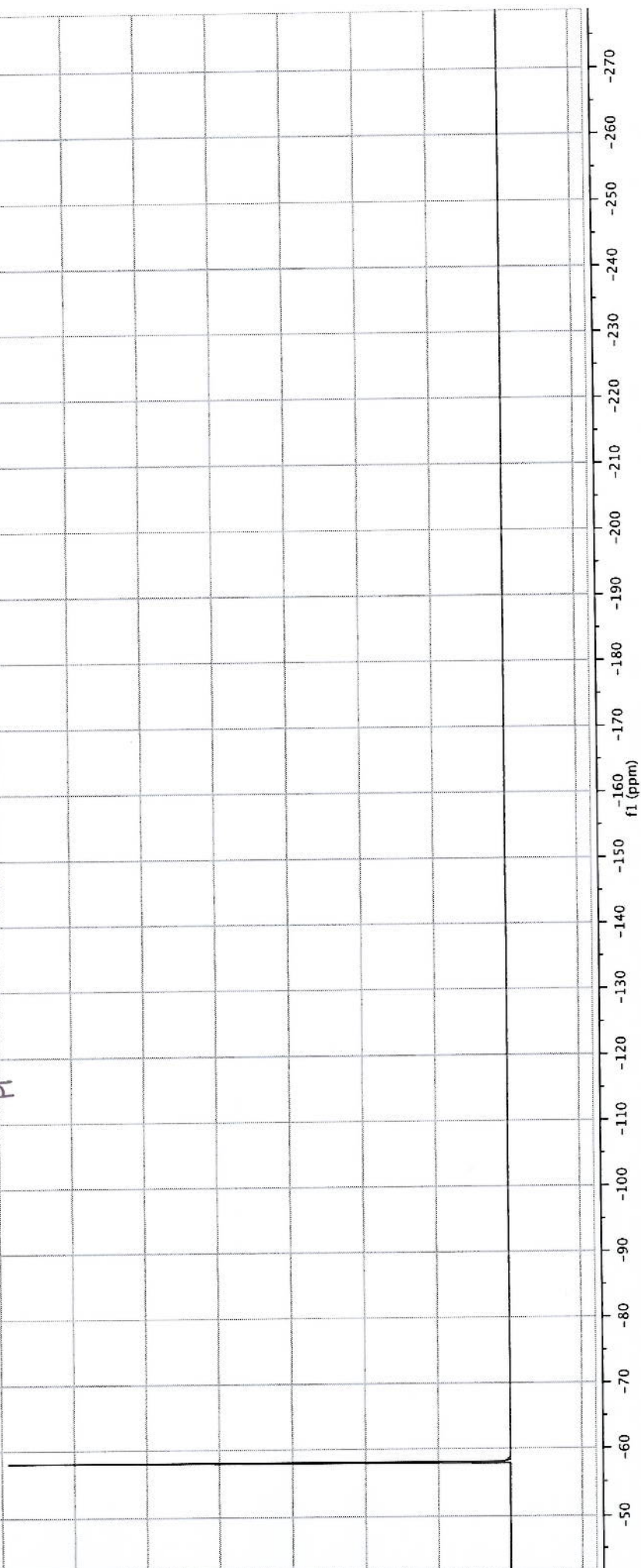
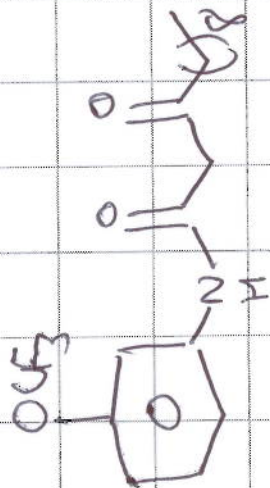
240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 -10 ppm

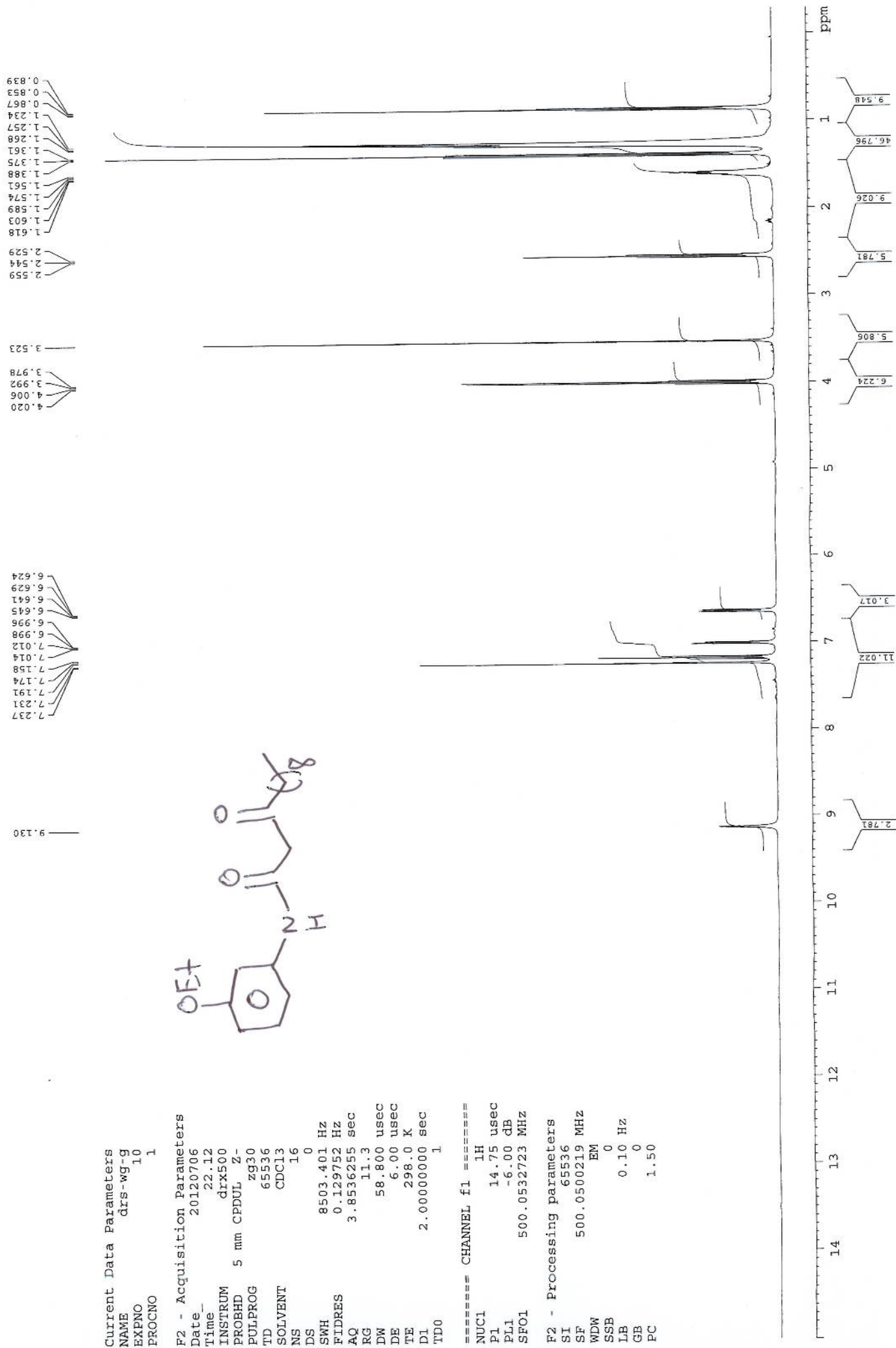
dfs-nb13_10.fid
proton16_std CDCl3 (D:\disk2) service 14



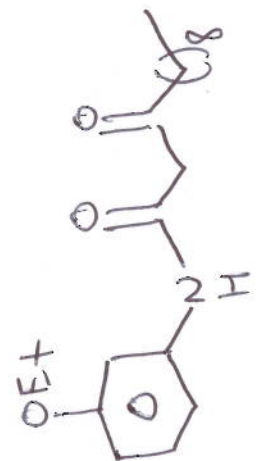
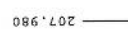
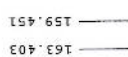
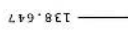
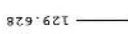
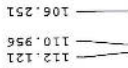
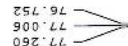
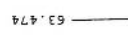
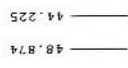
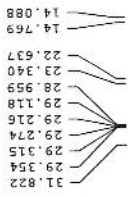
dris-nb13:13:fid
fluorine64cpd.scd

CDC13 ID: \disk2\ service 14





500 MHz Cryoprobe 'Aberlour'



Current Data Parameters
 NAME drs-wg-g
 EXPNO 20
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20120706
 Time 22.30
 INSTRUM drx500
 PROBHD 5 mm CPDUL Z-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 256
 DS 8
 SWH 34013.605 Hz
 FIDRES 0.519006 Hz
 AQ 0.9634439 sec
 RG 4096
 DW 14.700 usec
 DE 6.00 usec
 TE 298.0 K
 D1 3.00000000 sec
 d11 0.03000000 sec
 DELTA 2.90000010 sec
 TDO 1

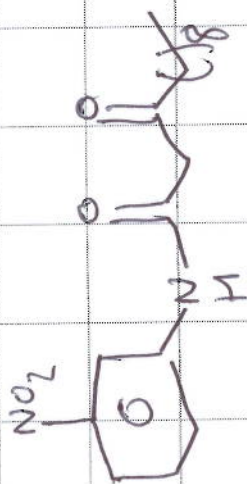
==== CHANNEL f1 =====
 NUC1 13C
 P1 9.80 usec
 PL1 -6.00 dB
 SFO1 125.7520828 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -6.00 dB
 PL12 10.62 dB
 PL13 16.60 dB
 SFO2 500.0517480 MHz

F2 - Processing parameters
 SI 131072
 SF 125.7376766 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 2.00



drs-nb9.10.fid
Avance 500 1H Cryo
NB9
N. Bartolucci - DRS

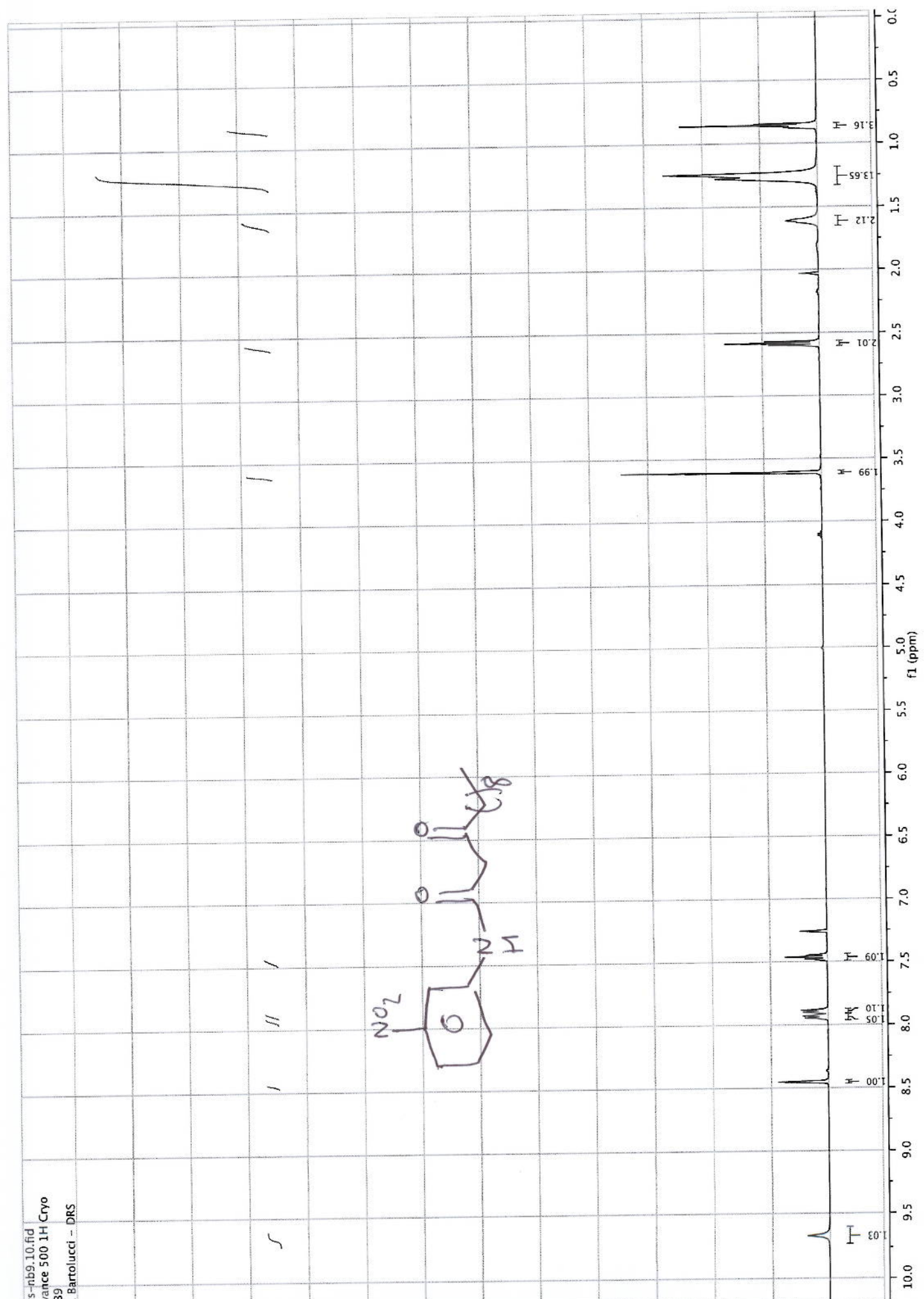


Handwritten integration values for the aromatic region of the spectrum:

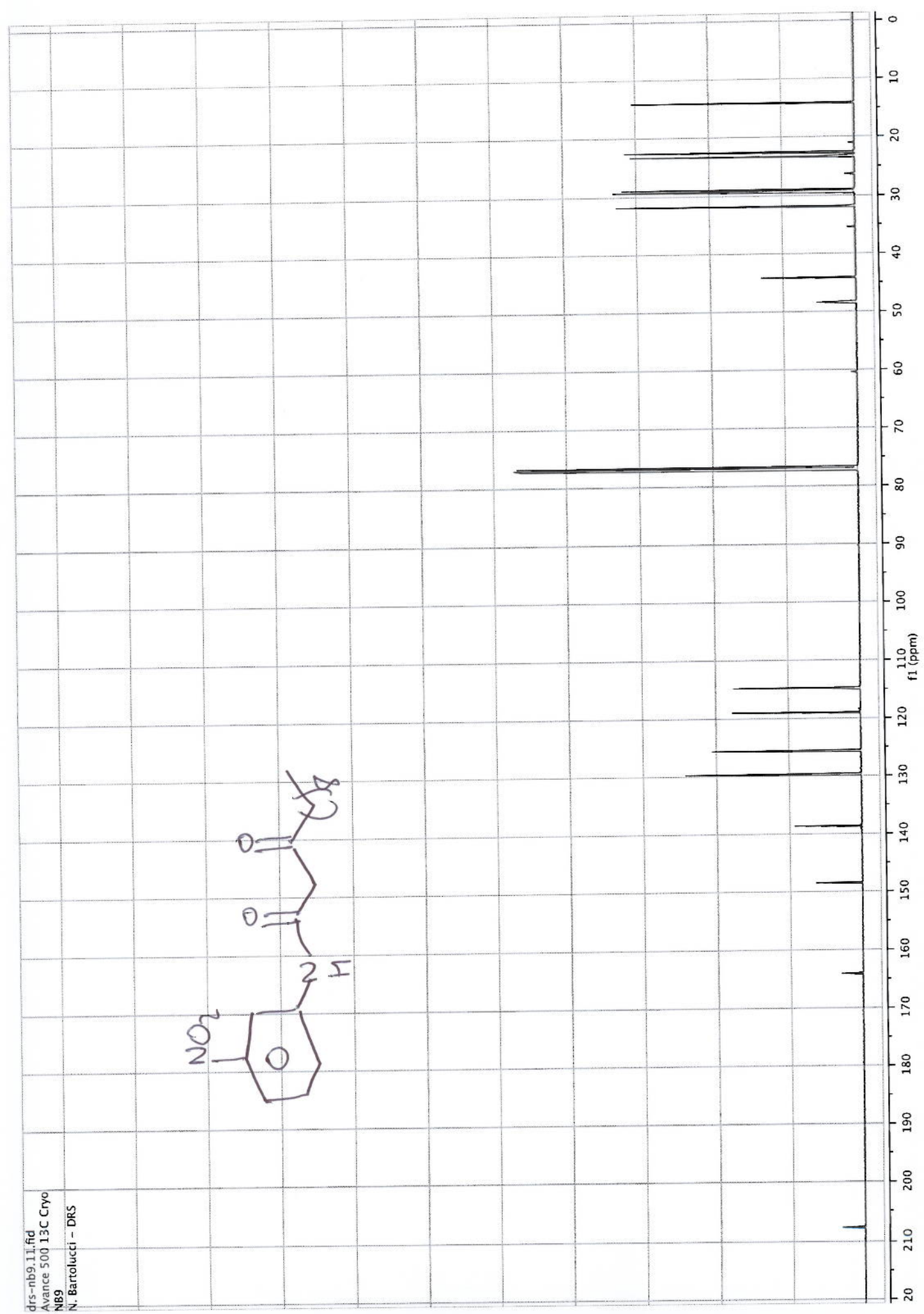
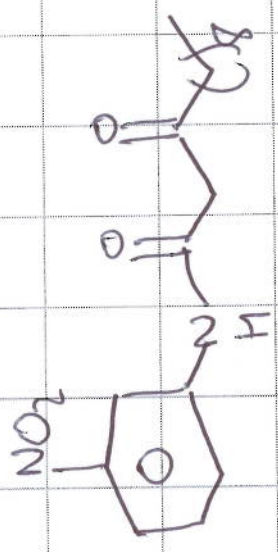
8.50 - 8.60 ppm	1.00
8.00 - 8.10 ppm	1.10
7.50 - 7.60 ppm	1.09

Handwritten integration values for the aliphatic region of the spectrum:

3.50 - 3.60 ppm	1.99
2.50 - 2.60 ppm	2.01
1.50 - 1.60 ppm	2.12
1.00 - 1.10 ppm	3.16



drs-nb9.11.fid
Avance 500 13C Cryo
NB9
N. Bartolucci - DRS



procen16.stx cdcl3 (D:\disk2) service 107

1.649
1.631
1.613
1.601
1.281
1.268
1.243

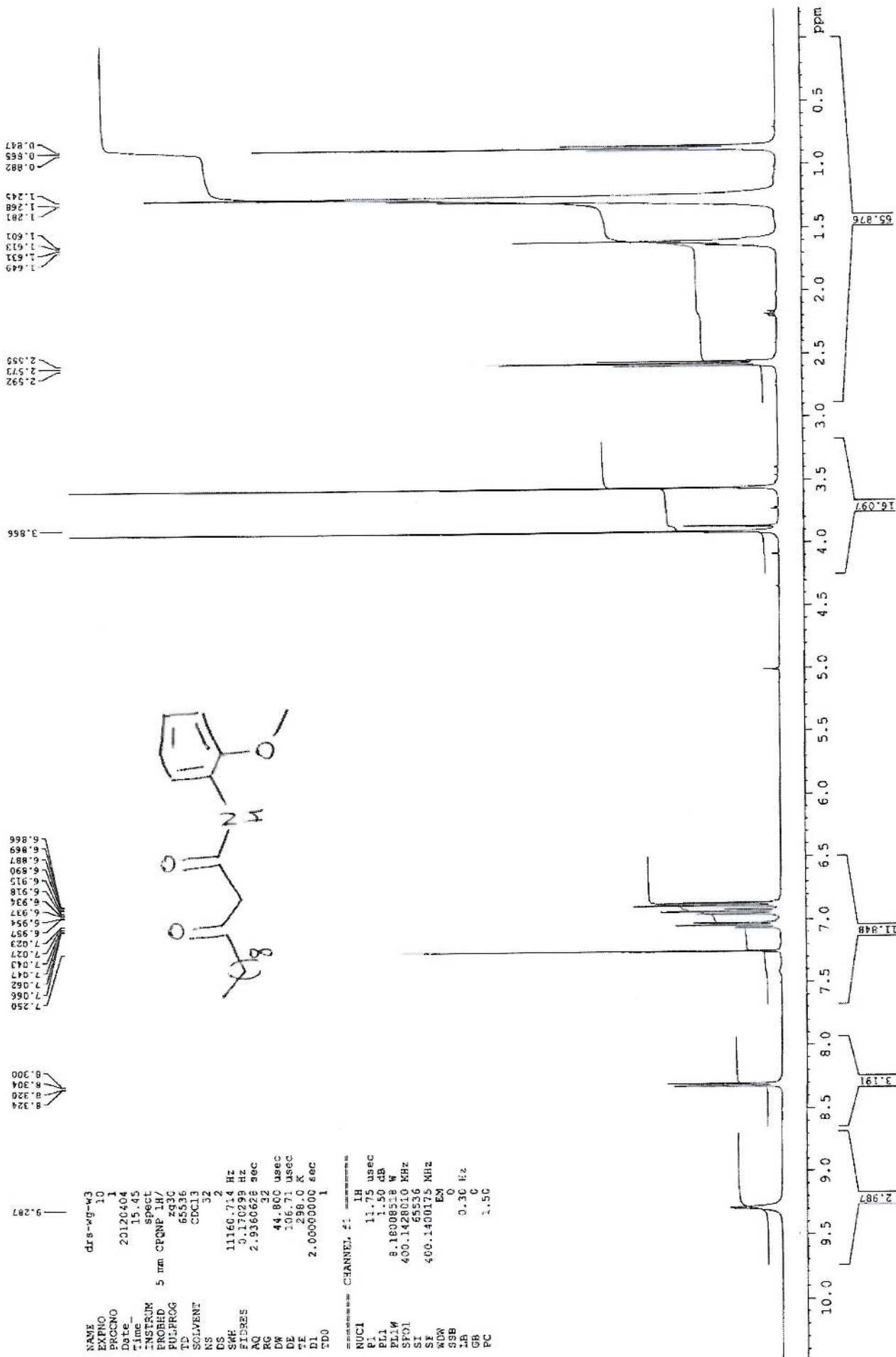
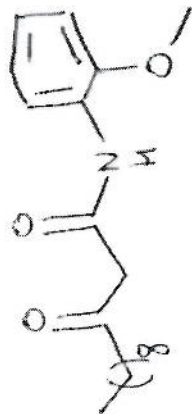
2.592
2.573
2.553

7.250
7.062
7.043
7.027
6.994
6.977
6.954
6.934
6.918
6.915
6.890
6.887
6.866

8.324
8.320
8.304
8.300

NAME drs-wg-w3
 EXPNO 10
 PROCNO 1
 Date_ 20120404
 Time 15.45
 INSTRUM spect
 FPROBHD 5 mm CPQNP 1H/
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 11160.714 Hz
 SFR 3170299 Hz
 FIDRES 2.9360628 sec
 AQC 32
 RG 44.800 usec
 DW 106.71 usec
 DE 238.0 K
 TE 2.00000000 sec
 D1 1
 TD0

CHANNEL #1
 NUC1 1H
 P1 11.75 usec
 PL1 1.50 dB
 PL1W 8.18008528 W
 SFOL 400.1428010 KHz
 SI 65536
 SE 400.1400175 MHz
 KDW EM
 O 0
 SSB 0.30 Hz
 LB C
 GB C
 PC 1.50



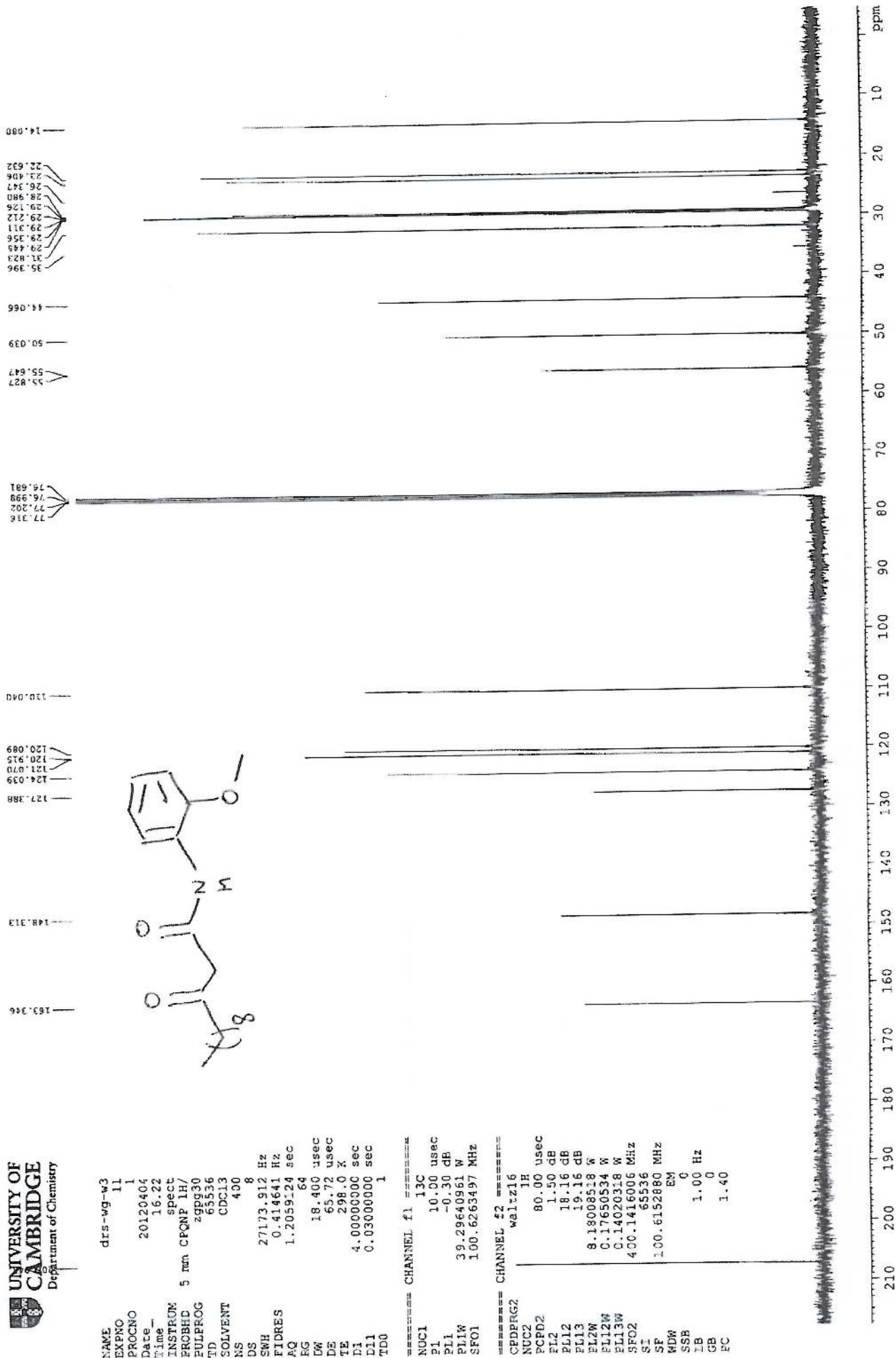
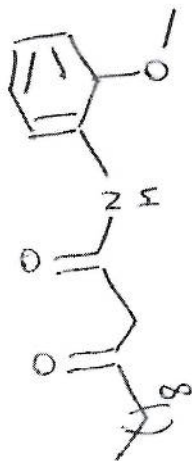
MG-W3

carbon256.stx CDC13 (2:\datak2) service 107



```

NAME      drs-wg-w3
EXPNO     11
PROCNO    1
PROCNO    20120404
Date_     16.22
Time      spect
INSTRUM   spect
PROBHD    5 mm CPNP 1H/
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         400
DS         8
SWH        27173.912 Hz
FIDRES     0.414641 Hz
AQ         1.205524 sec
EG         64
DQ         18.400 usec
DE         65.72 usec
TE         298.0 K
D1         4.0000000 sec
D11        0.0300000 sec
TD0        1
    
```

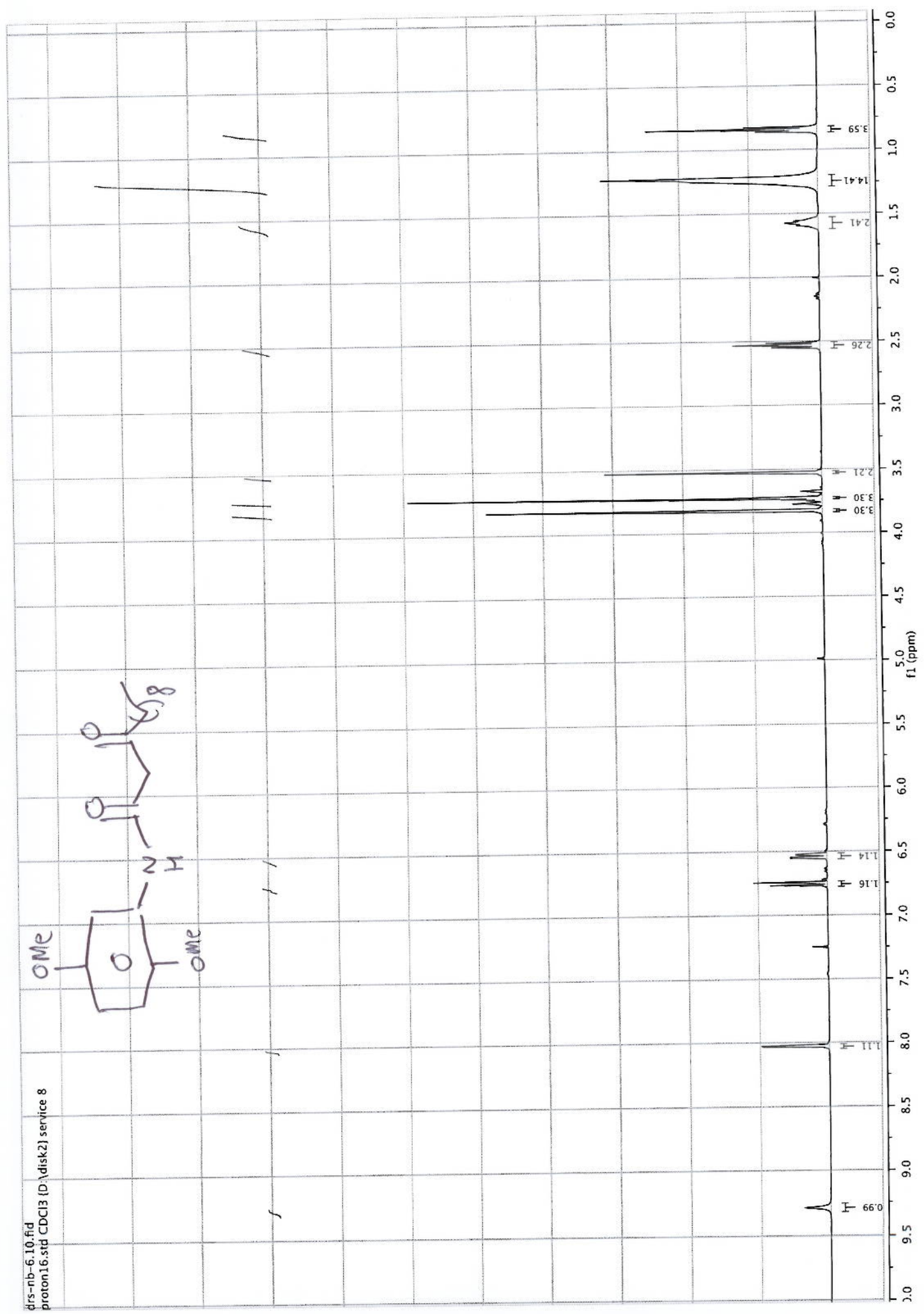


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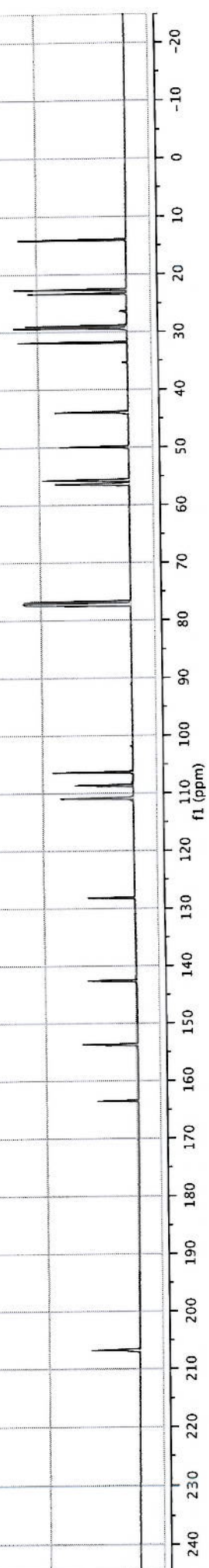
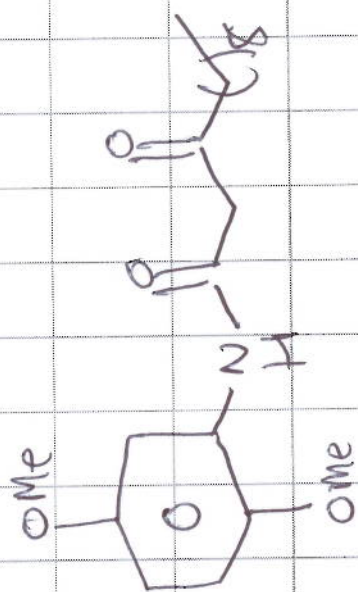
===== CHANNEL f1 =====
NUC1      13C
P1         10.00 usec
PL1        -0.30 dB
PL1W       39.29640961 W
SFO1       100.6263497 MHz
    
```

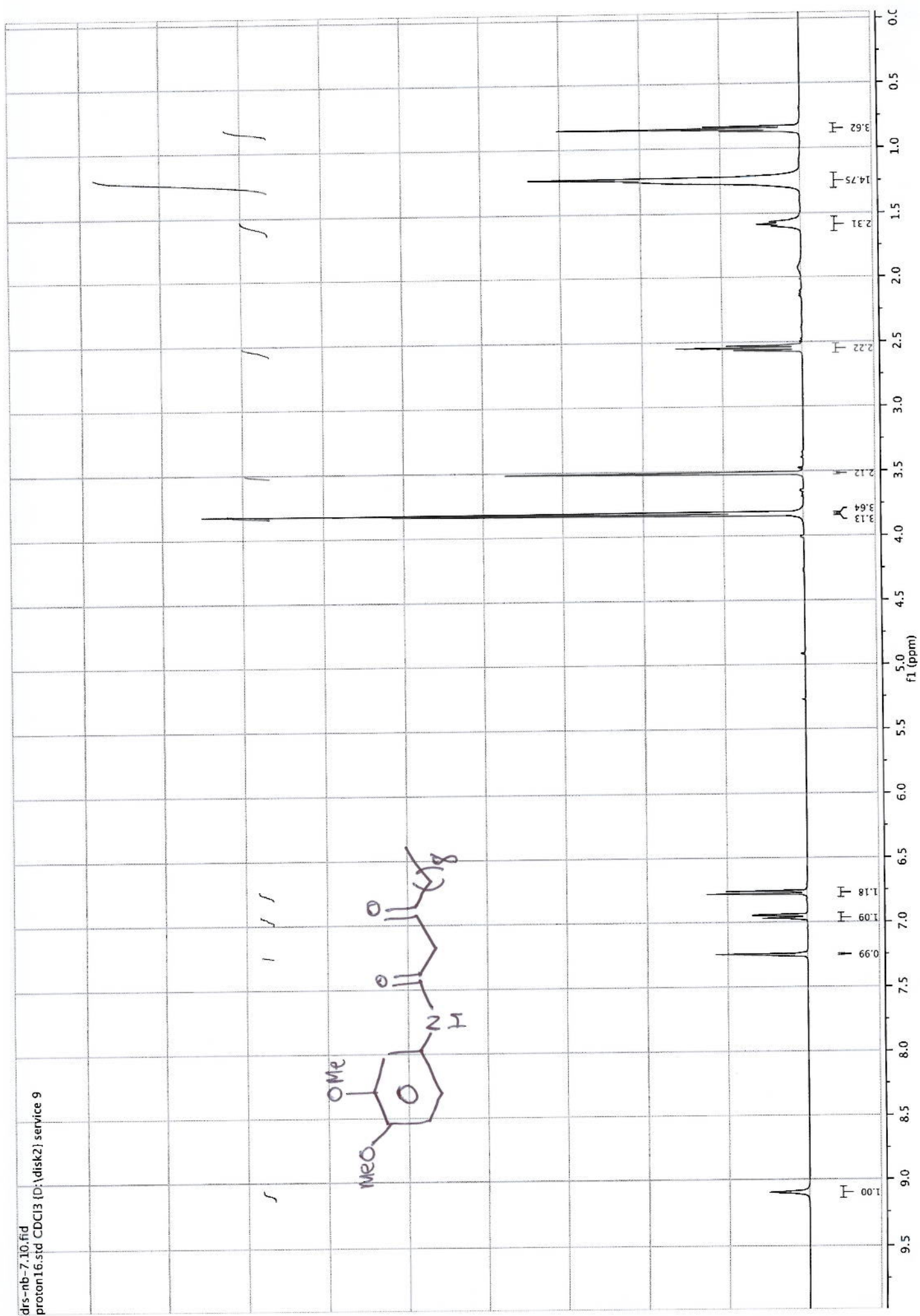
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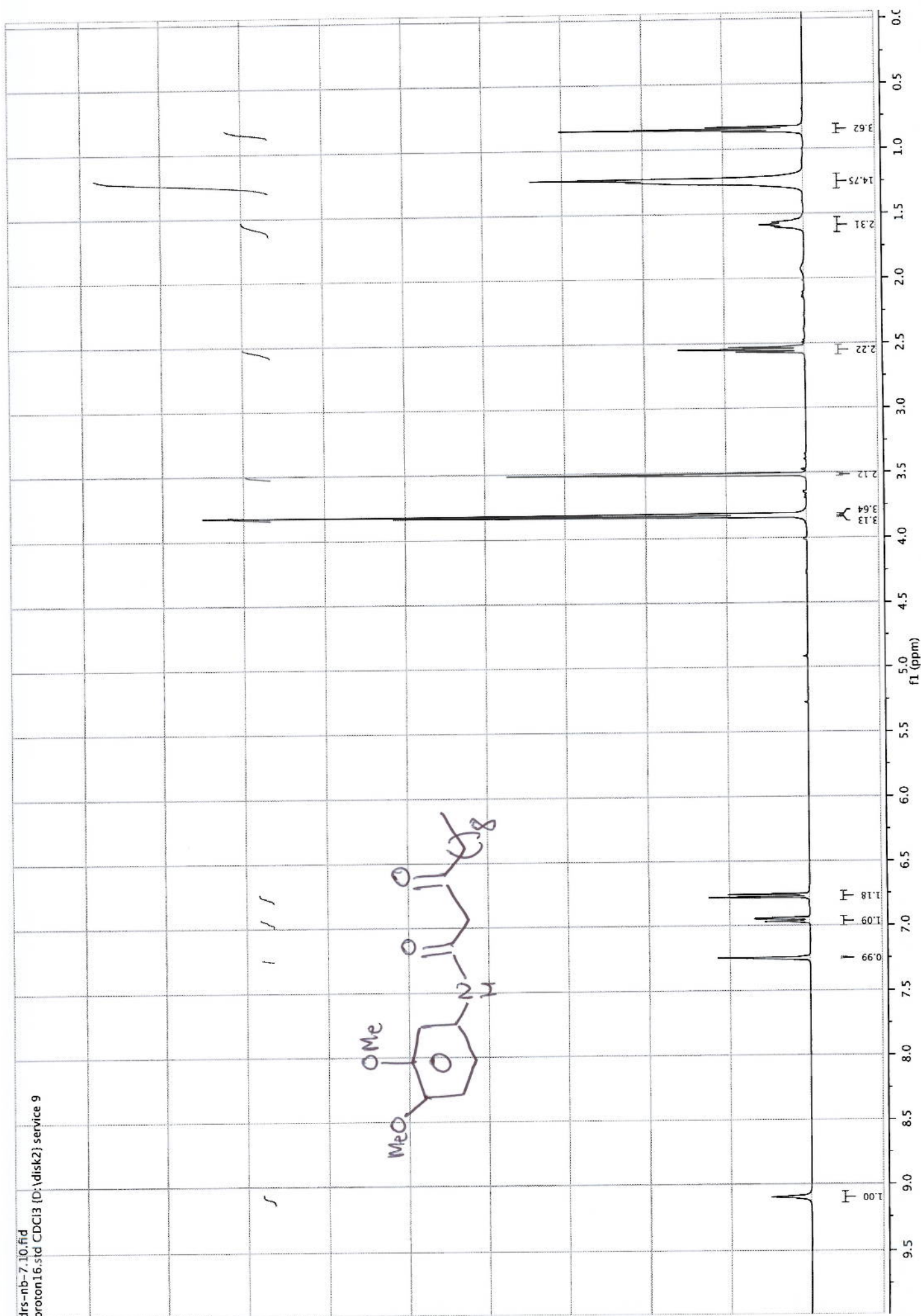
===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2       1H
PCPD2     80.00 usec
PL2        1.50 dB
PL12       18.16 dB
PL13       19.16 dB
EL2W       8.18008518 W
PL12W      0.17650534 W
PL13W      0.14020318 W
SFO2       400.1416006 MHz
SI         65536
SF         100.6152880 MHz
WDW        EM
SSB         0
LB         1.00 Hz
GB         0
EC         1.40
    
```



drs-nb-6.1.1.fid
carbon256.std CDC13 (D:\disk2) service 8







drs-nb-7.10.fid
proton16.std CDCl3 [D:\disk2] service 9

1.588
1.574
1.560
1.546
1.256
1.247
1.239
1.228
0.862
0.848
0.834

2.544
2.530
2.515

3.494
4.221
4.217
4.214
4.204
4.201
4.191
4.188
4.184

7.237
7.158
7.153
6.895
6.890
6.878
6.873
6.771
6.754

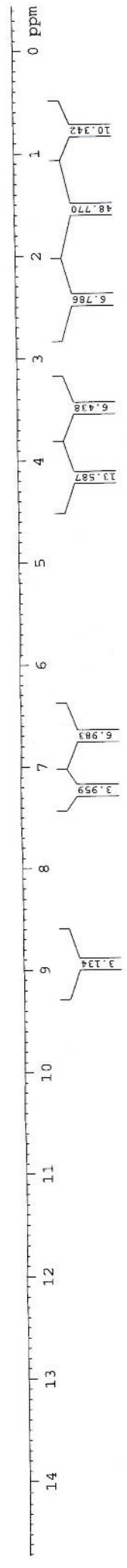
8.974

Current Data Parameters
 NAME drs-wg-c
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20120706
 Time_ 19.45
 INSTRUM drx500
 PROBHD 5 mm CPDUL Z-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 8503.401 Hz
 FIDRES 0.129752 Hz
 AQ 3.8536255 sec
 RG 11.3
 DW 58.800 usec
 DE 6.00 usec
 TE 298.1 K
 D1 2.0000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PL1 -6.00 dB
 SF01 500.0532723 MHz

F2 - Processing parameters
 SI 65536
 SF 500.0500219 MHz
 WDW EM
 SSB 0
 LB 0.10 Hz
 GB 0
 PC 1.50



500 MHz Cryoprobe 'AberLour'

14.089
22.635
23.347
28.962
29.215
29.273
29.315
29.355
31.821

44.134
48.810

64.282
76.767
77.021
77.275

109.941
113.714
117.129

131.223
140.509
143.390

163.313
207.924

Current Data Parameters
NAME drs-wg-c
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120706
Time 20.03
INSTRUM drx500
PROBHD 5 mm CPDUL Z-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 256
DS 8
SWH 34013.605 Hz
FIDRES 0.519006 Hz
AQ 0.9634439 sec
RG 4096
DW 14.700 usec
DE 6.00 usec
TE 298.0 K
D1 3.0000000 sec
d11 0.0300000 sec
DELTA 2.9000010 sec
TD0 1



==== CHANNEL f1 =====
NUC1 13C
P1 9.80 usec
PL1 -6.00 dB
SF01 125.7520828 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -6.00 dB
PL12 10.62 dB
PL13 16.60 dB
SF02 500.9517480 MHz

F2 - Processing parameters
SI 131072
SF 125.7376766 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 2.00



1.601
1.586
1.572
1.558
1.282
1.267
1.256
1.234
0.866
0.852
0.838

2.553
2.538
2.524

3.509

5.919

7.238
7.224
7.220
6.826
6.822
6.809
6.805
6.724
6.707

9.069

Current Data Parameters
 NAME drs-wg-b
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters

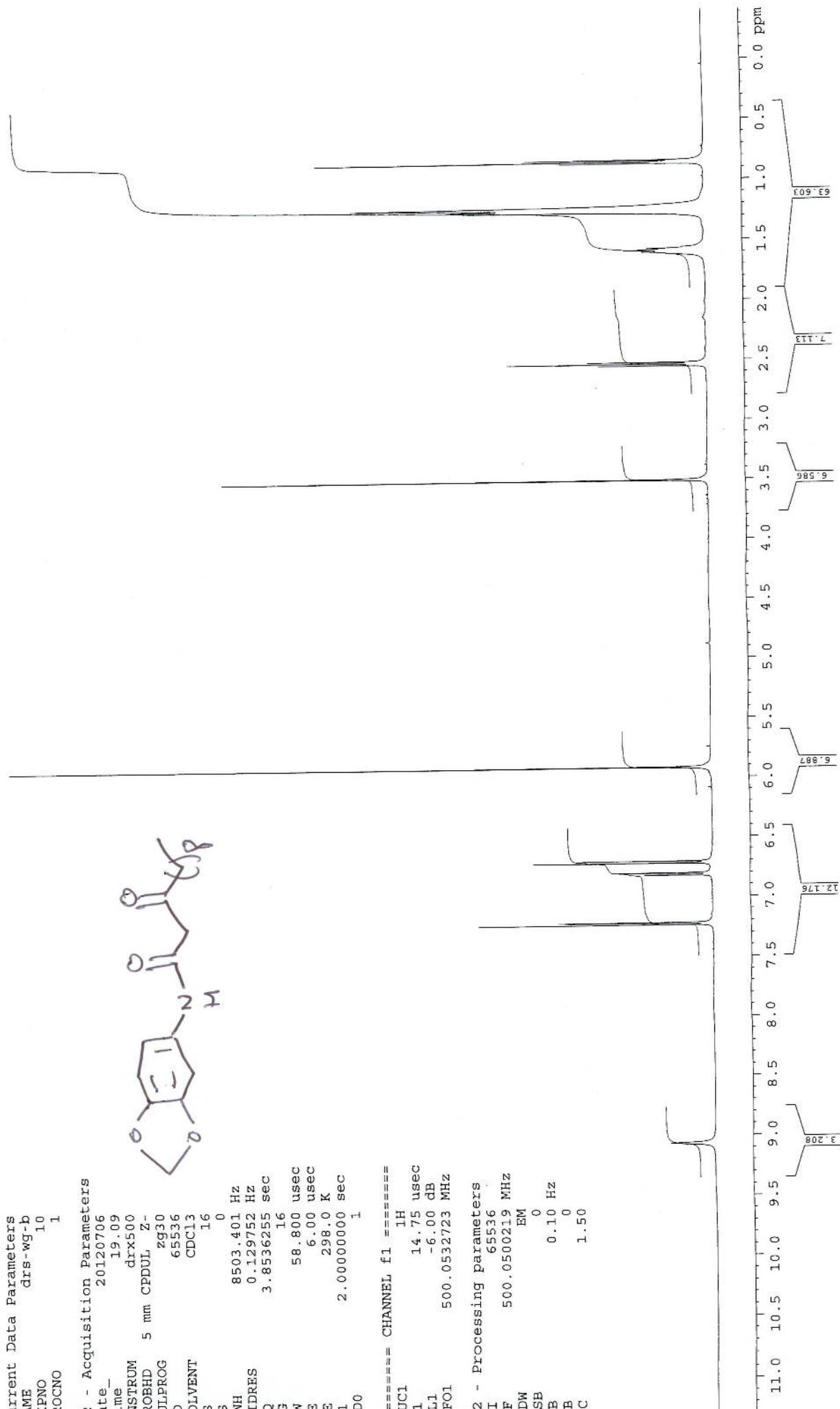
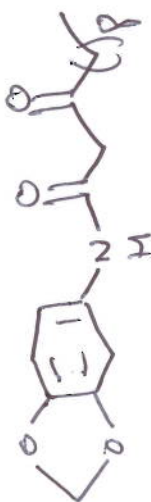
Date 20120706
 Time 19.09
 INSTRUM drx500
 PROBHD 5 mm CPDUL Z-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 8503.401 Hz
 FIDRES 0.129752 Hz
 AQ 3.8536255 sec
 RG 16
 DW 58.800 usec
 DE 6.00 usec
 TE 298.0 K
 D1 2.00000000 sec
 TD0 1

==== CHANNEL f1 =====

NUC1 1H
 P1 14.75 usec
 PL1 -6.00 dB
 SFO1 500.0532723 MHz

F2 - Processing parameters

SI 65536
 SF 500.0500219 MHz
 WDW EM
 SSB 0
 LB 0.10 Hz
 GB 0
 PC 1.50



500 MHz Cryoprobe 'Aberlour'

14.088
 22.636
 23.349
 28.961
 29.214
 29.311
 29.353
 29.451
 31.821

44.210
 48.578

76.750
 77.004
 77.258

101.238
 102.888
 108.036
 113.283

131.761

144.346
 147.731

163.304

208.084

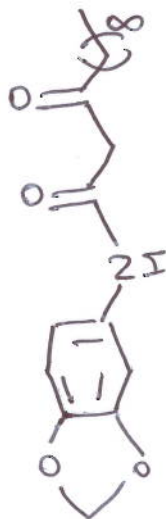
Current Data Parameters
 NAME drs-wg-b
 EXPNO 11
 PROCNO 1

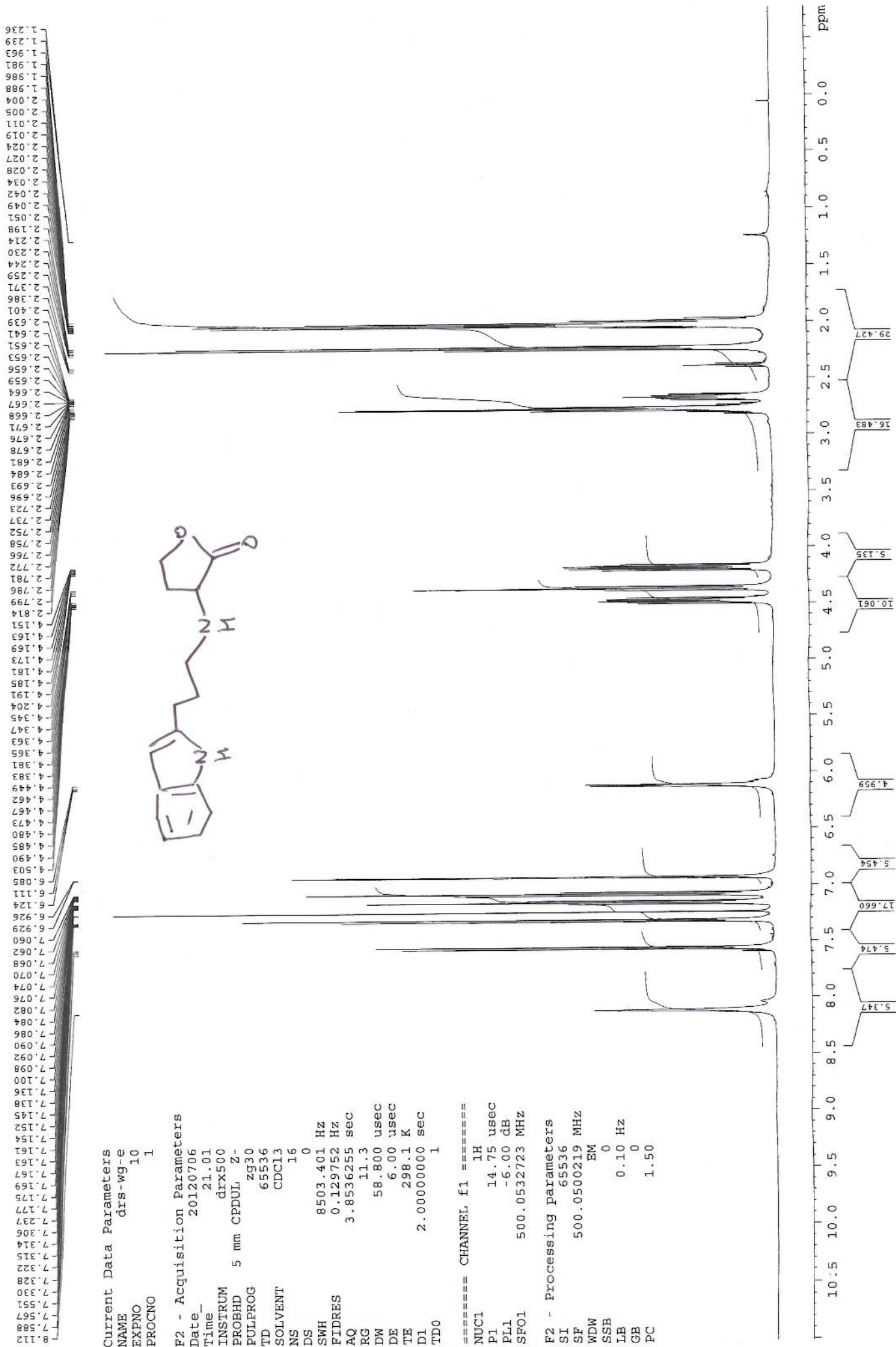
F2 - Acquisition Parameters
 Date_ 20120706
 Time 19.27
 INSTRUM drx500
 PROBH1 5 mm CPDUL Z-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 256
 DS 8
 SWH 34013.605 Hz
 FIDRES 0.519006 Hz
 AQ 0.9634439 sec
 RG 4096
 DW 14.700 usec
 DE 6.00 usec
 TE 298.0 K
 DL 3.00000000 sec
 d11 0.03000000 sec
 DELTA 2.90000010 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 9.80 usec
 PL1 -6.00 dB
 SFO1 125.7520828 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -6.00 dB
 PL12 10.62 dB
 PL13 16.60 dB
 SFO2 500.0517480 MHz

F2 - Processing parameters
 SI 131072
 SF 125.7376766 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 2.00





500 MHz Cryoprobe 'Aberlour'

35.287
33.222
30.096
25.602
25.143
24.386
24.339

49.046

66.072

76.780
77.288
77.034

127.369
121.907
121.794
121.583
119.170
118.841
115.401
115.205
111.196
111.137

175.677
173.740

Current Data Parameters
 NAME drs-wg-e
 EXPNO 11
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20120706
 Time_ 21.19
 INSTRUM drx500
 PROBHD 5 mm CPDUL Z-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 256
 DS 8
 SWH 34013.605 Hz
 FIDRES 0.519006 Hz
 AQ 0.9634439 sec
 RG 4096
 DW 14.700 usec
 DE 6.00 usec
 TE 298.1 K
 D1 3.00000000 sec
 d11 0.03000000 sec
 DELTA 2.90000010 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 9.80 usec
 PL1 -6.00 dB
 SFO1 125.7520828 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCDP2 100.00 usec
 PL2 -6.00 dB
 PL12 10.62 dB
 PL13 16.60 dB
 SFO2 500.0517480 MHz

F2 - Processing parameters
 SI 131072
 SF 125.7376766 MHz
 MDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 2.00



7.460
7.456
7.443
7.438
7.237
7.141
7.128
7.124
6.076
6.067
4.522
4.512
4.505
4.498
4.495
4.493
4.489
4.481
4.471
4.437
4.435
4.435
4.419
4.417
4.401
4.399
4.265
4.253
4.246
4.243
4.234
4.231
4.224
4.212
3.538
2.789
2.787
2.784
2.777
2.775
2.772
2.769
2.766
2.764
2.761
2.758
2.755
2.753
2.749
2.747
2.744
2.741
2.735
2.732
2.730
2.126
2.123
2.108
2.103
2.100
2.085
2.082
2.078
2.075
2.060
2.057
2.052
2.037
2.034
1.602

Current Data Parameters
 NAME drs-wg-h
 EXPNO 10
 PROCNO 1

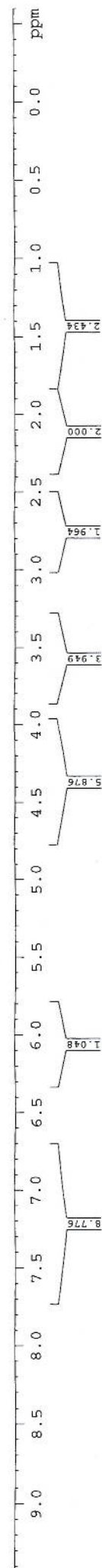
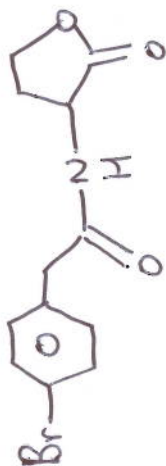
F2 - Acquisition Parameters

Date_ 20120706
 Time 14.43
 INSTRUM drx500
 PROBHD 5 mm CPDUL Z-
 PULPROG zg30
 TD 65536
 SOLVENT CDC13
 NS 16
 DS 0
 SWH 8503.401 Hz
 FIDRES 0.129752 Hz
 AQ 3.8536255 sec
 RG 20.2
 DW 58.800 usec
 DE 6.00 usec
 TE 298.0 K
 D1 2.0000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PL1 -6.00 dB
 SFO1 500.0532723 MHz

F2 - Processing parameters

SI 65536
 SF 500.0500219 MHz
 WDW EM
 SSB 0
 LB 0.10 Hz
 GB 0
 PC 1.00



0.876
0.889
0.908

1.970
1.984
2.017
2.030
2.043
2.057
2.058

2.765
2.780
2.794

3.443
3.457
3.469
3.483

6.202

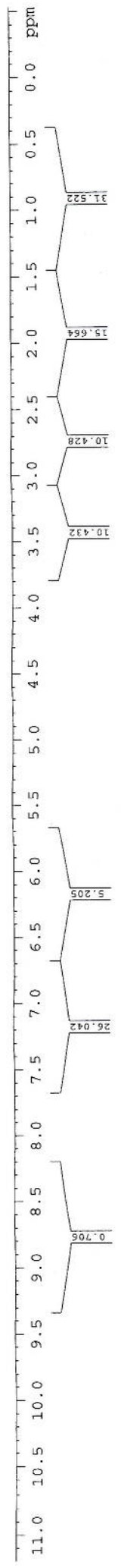
7.140
7.154
7.173
7.187
7.236
7.251
7.265

Current Data Parameters
 NAME drs-wg-d
 EXPNO 10
 PROCNO 1

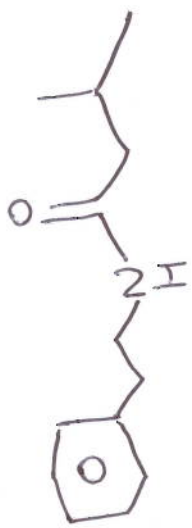
F2 - Acquisition Parameters
 Date_ 20120706
 Time_ 20.22
 INSTRUM drx500
 PROBHD 5 mm CPDUL Z-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 8503.401 Hz
 FIDRES 0.129752 Hz
 AQ 3.8536255 sec
 RG 5
 DW 58.800 usec
 DE 6.00 usec
 TE 298.0 K
 D1 2.00000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PL1 -6.00 dB
 SFO1 500.0532723 MHz

F2 - Processing parameters
 SI 65536
 SF 500.0500219 MHz
 WDW EM
 SSB 0
 LB 0.10 Hz
 GB 0
 PC 1.50



500 MHz Cryoprobe 'Aberlour'



```

Current Data Parameters
NAME      drs-wg-d
EXPNO     11
PROCNO    1

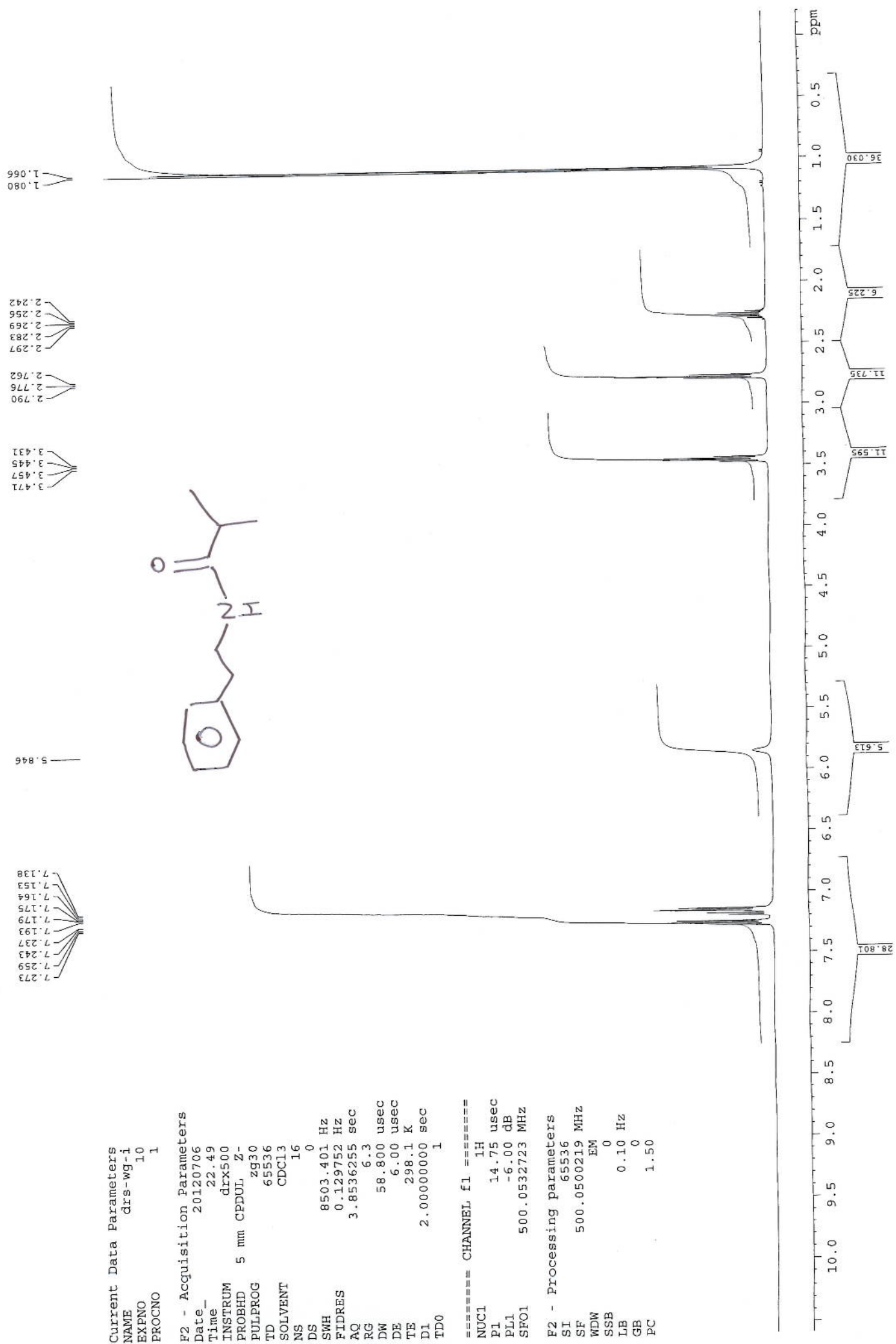
F2 - Acquisition Parameters
Date_     20120706
Time      20.42
INSTRUM   drx500
PROBHD    5 mm CPDUL Z-
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         256
DS         8
SWH        34013.605 Hz
SHF        0.519006 Hz
FIDRES     0.9634439 sec
AQ         4096
RG         14.700 usec
DE         6.00 usec
TE         298.1 K
D1         3.00000000 sec
d11        0.03000000 sec
DELTA     2.90000010 sec
TD0        1

===== CHANNEL f1 =====
NUC1       13C
P1         9.80 usec
PL1        -6.00 dB
SFO1       125.7520828 MHz

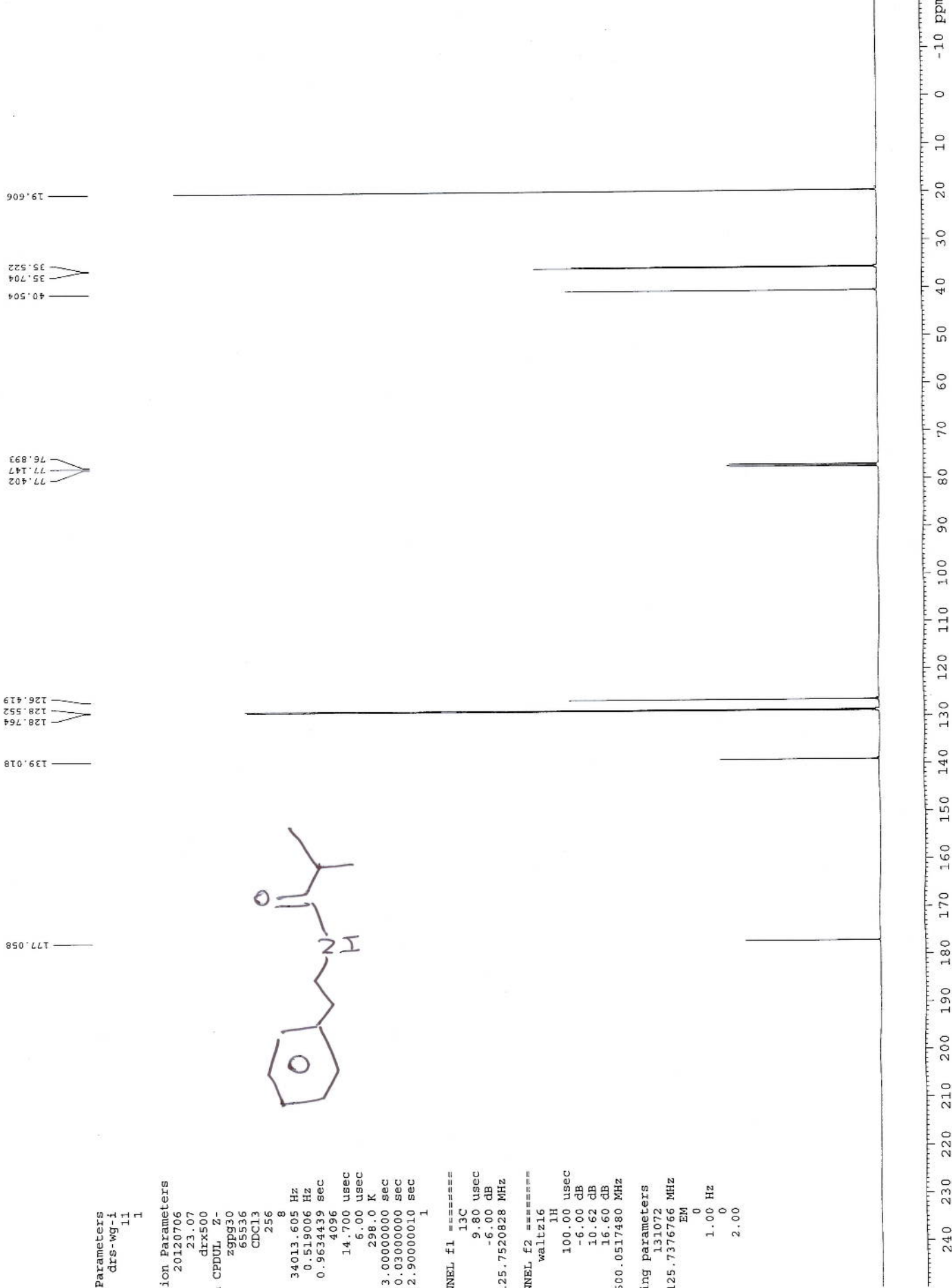
===== CHANNEL f2 =====
CPDPRG2    waltz16
NUC2        1H
PCPD2       100.00 usec
PL2         -6.00 dB
PL12        10.62 dB
PL13        16.60 dB
SFO2        500.0517480 MHz

F2 - Processing parameters
SI          131072
SF          125.7376766 MHz
WDW         EM
SSB         0
LB          1.00 Hz
GB          0
PC          1.40
    
```





500 MHz Cryoprobe 'Aberlour'



Current Data Parameters
 NAME drs-wg-i
 EXPNO 11
 PROCNO 1

F2 - Acquisition Parameters

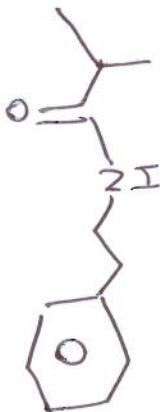
Date_ 20120706
 Time 23.07
 INSTRUM drx500
 PROBHD 5 mm CPDUL Z-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 256
 DS 8
 SWH 34013.605 Hz
 FIDRES 0.519006 Hz
 AQ 0.9634439 sec
 RG 4096
 DW 14.700 usec
 DE 6.00 usec
 TE 298.0 K
 D1 3.00000000 sec
 d11 0.03000000 sec
 DELTA 2.90000010 sec
 TDO 1

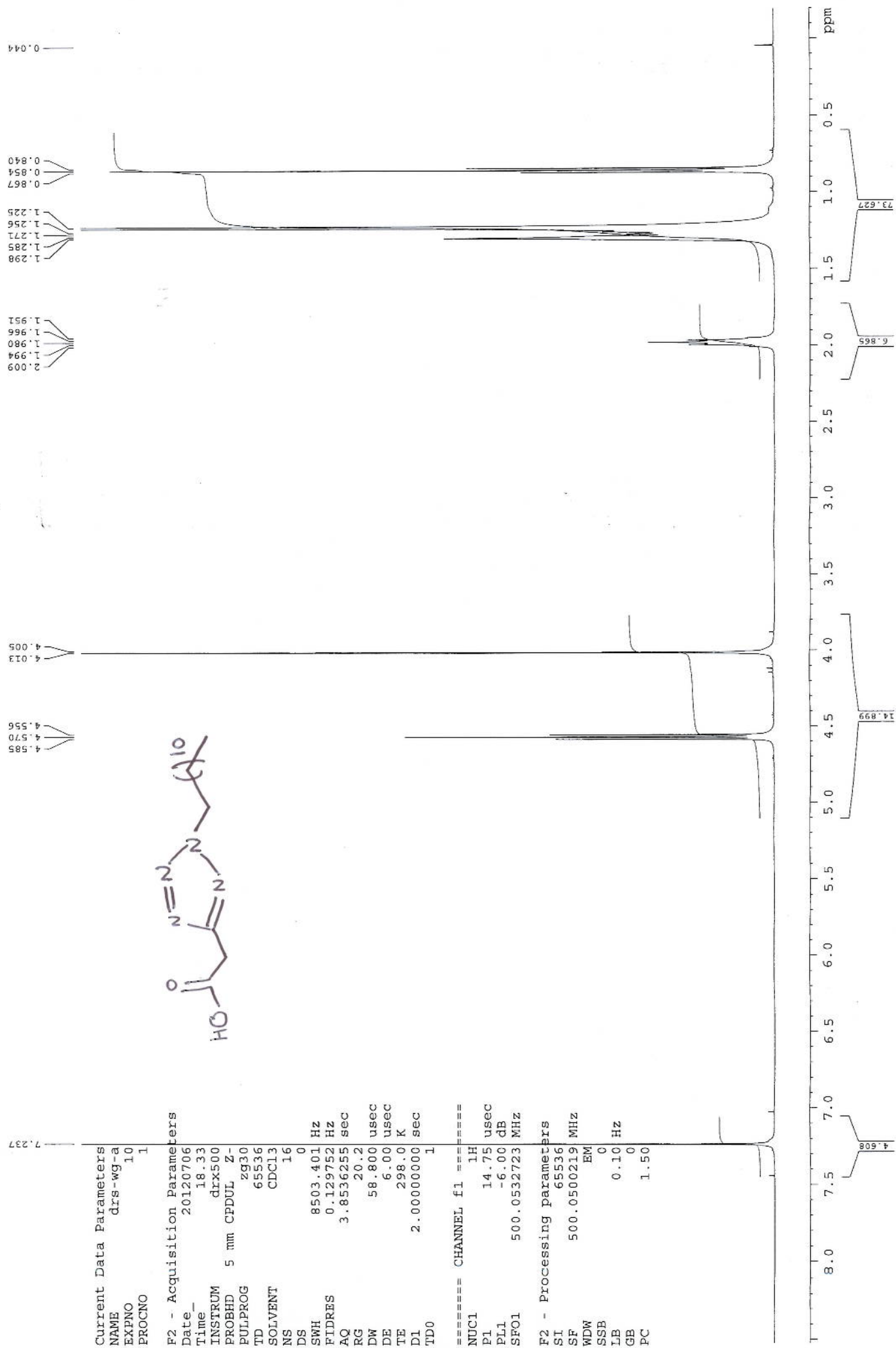
===== CHANNEL f1 =====
 NUC1 13C
 P1 9.80 usec
 PL1 -6.00 dB
 SFO1 125.7520828 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -6.00 dB
 PL12 10.62 dB
 PL13 16.60 dB
 SFO2 500.0517480 MHz

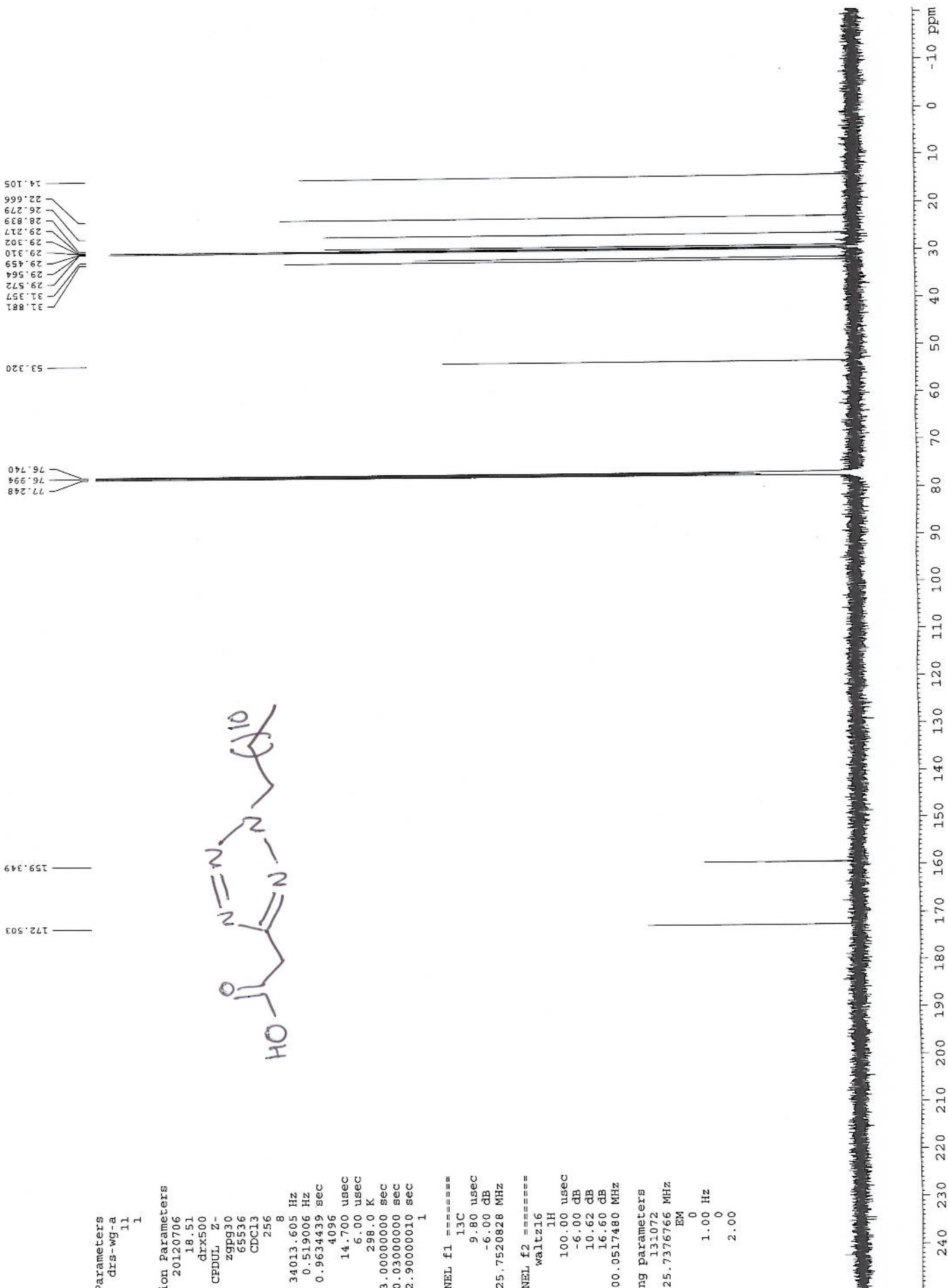
F2 - Processing parameters

SI 131072
 SF 125.7376766 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 2.00





500 MHz Cryoprobe 'Aberlour'



Current Data Parameters
 NAME drs-wg-a
 EXPNO 11
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20120706
 Time 18.51
 INSTRUM drx500
 PROBHD 5 mm CPDUL Z-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDC13
 NS 256
 DS 8
 SWH 34013.605 Hz
 FIDRES 0.519006 Hz
 AQ 0.9634439 sec
 RG 4096
 DW 14.700 usec
 DE 6.00 usec
 TE 298.0 K
 D1 3.00000000 sec
 d11 0.03000000 sec
 DELTA 2.90000010 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 9.80 usec
 PL1 -6.00 dB
 SFO1 125.7520828 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -6.00 dB
 PL12 10.62 dB
 PL13 16.60 dB
 SFO2 500.0517480 MHz

F2 - Processing parameters
 SI 131072
 SF 125.7376766 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 2.00

