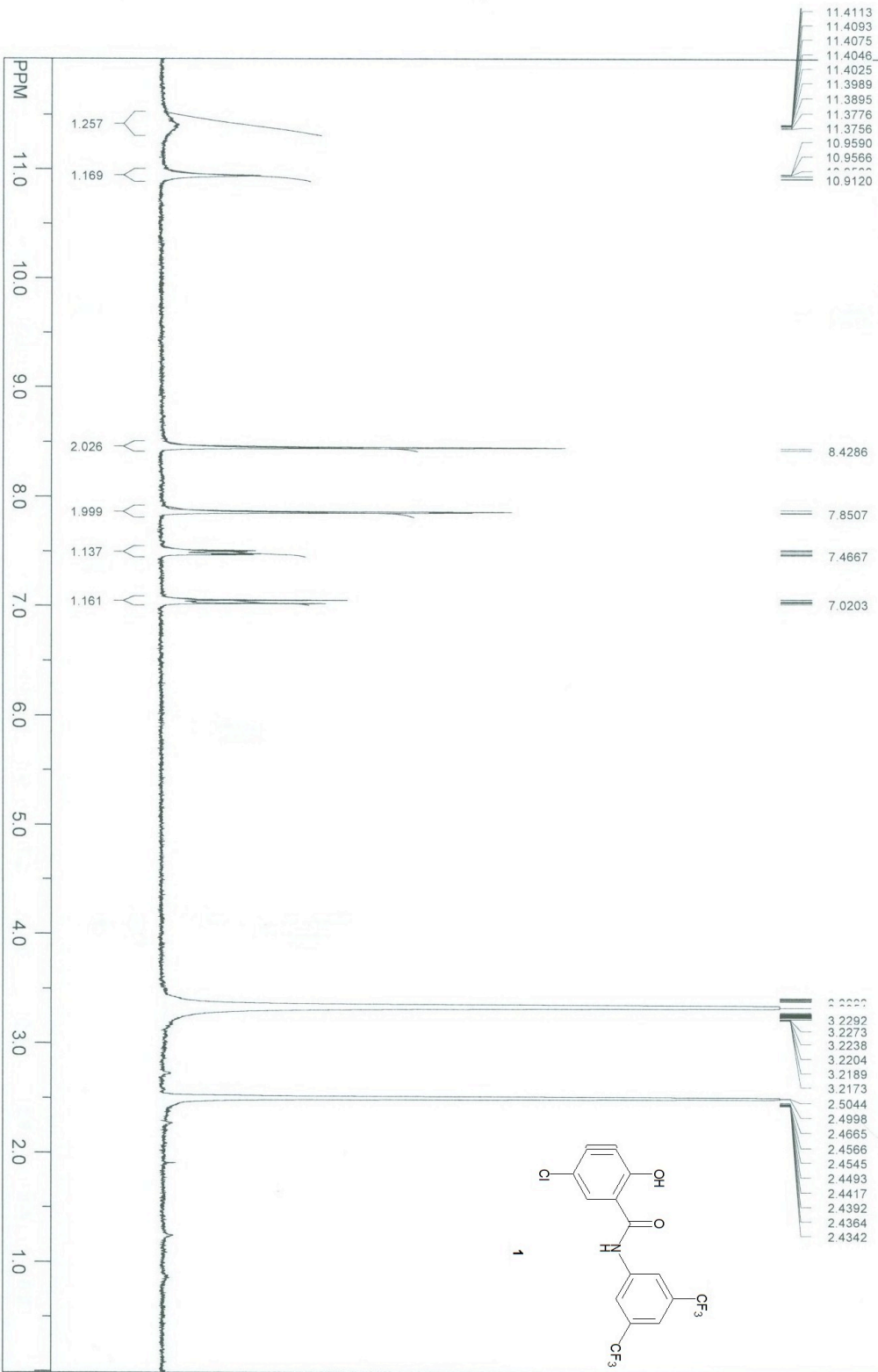


Structure-Activity Relationships of Antitubercular Salicylanilides Consistent with Disruption of the Proton Gradient via Proton Shuttling

Ill-Young Lee^{a†}, Todd D. Gruber^{b†}, Amanda Samuels^b, Minhan Yun^a, Bora Nam^a, Minseo Kang^a,
Katherine Crowley^b, Benjamin Winterroth^b, Helena I. Boshoff^b, and Clifton E. Barry, III^{b,*}

* Corresponding author. Tel.: +1-301-435-7509; fax: +1-301-480-5705; e-mail: cbarry@niaid.nih.gov

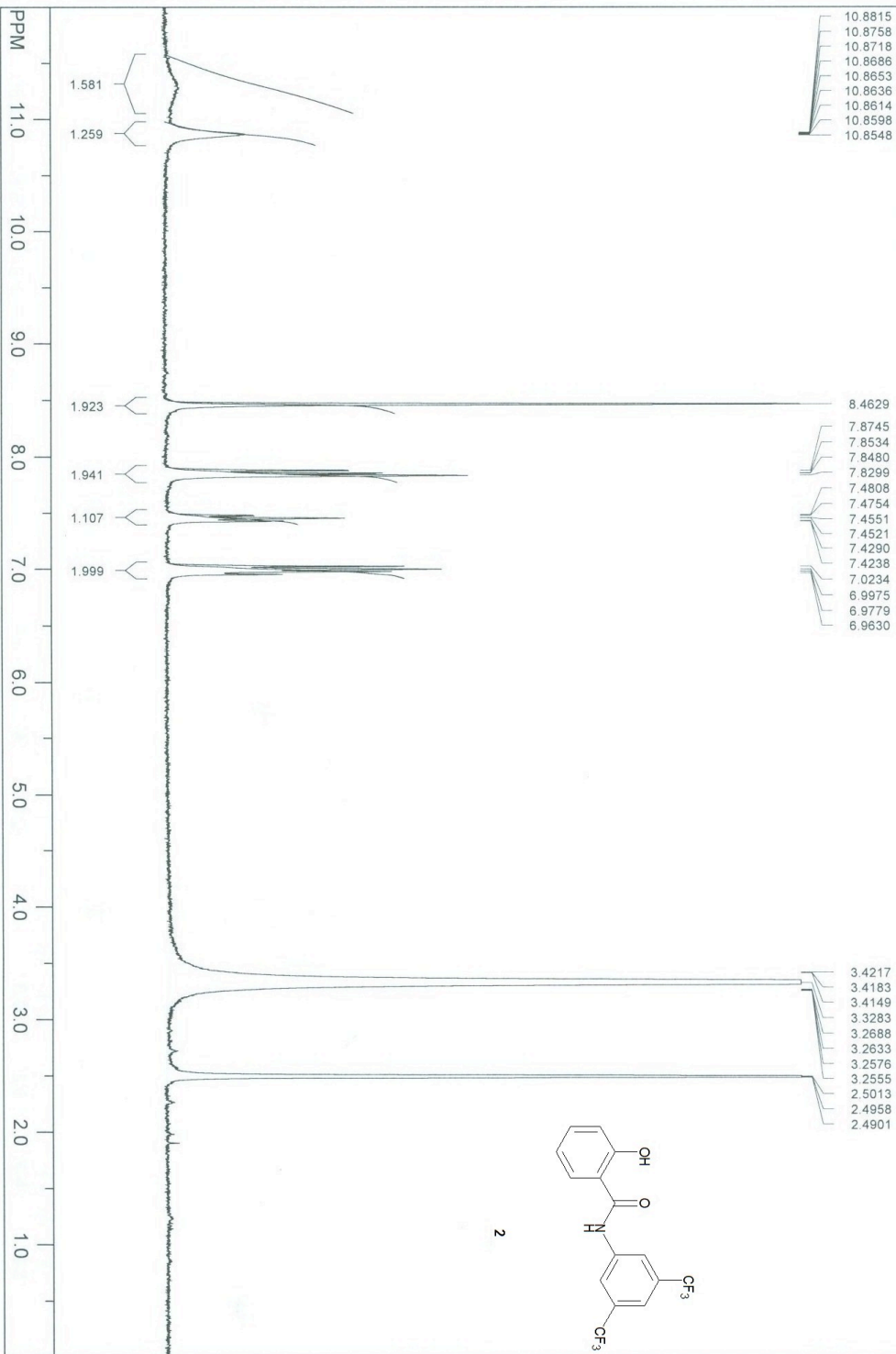
SpinWorks 2.4: KRT1041



file: C:\E\KRT1041.fid\td block# 1 expt: "s2pu"
 transmitter freq: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948272 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 144.357 ppm/cm: 0.48127

SpinWorks 2.4: KRT1049



file: C:\man\KRT1049.fid\fid block# 1 exp: "s2pul"

transmitter freq.: 299.950076 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt

number of scans: 8

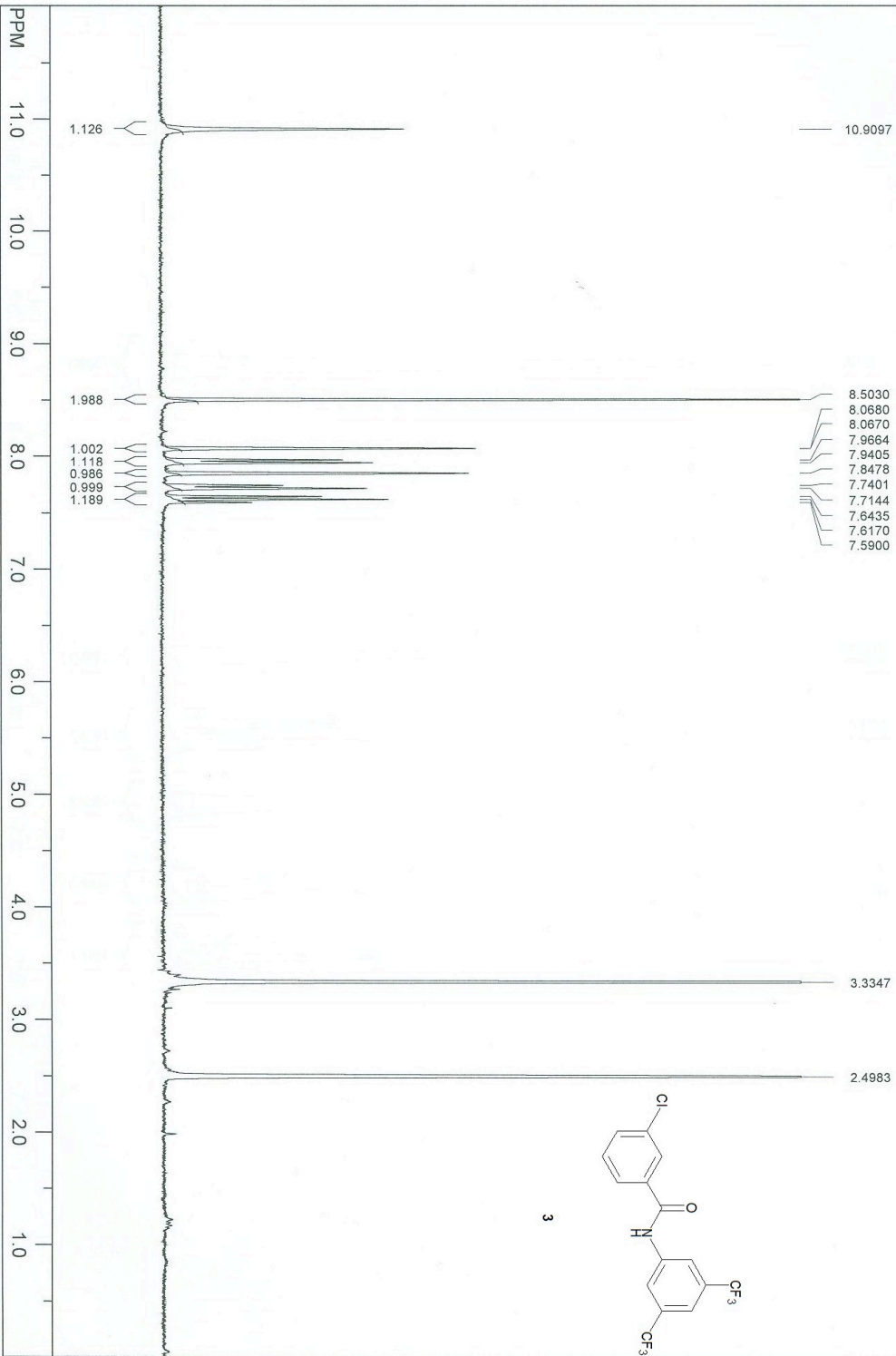
freq. of 0 ppm: 299.948281 MHz

processed size: 65536 complex points

LB: 0.200 GB: 0.0000

HZ/cm: 144.021 ppm/cm: 0.48015

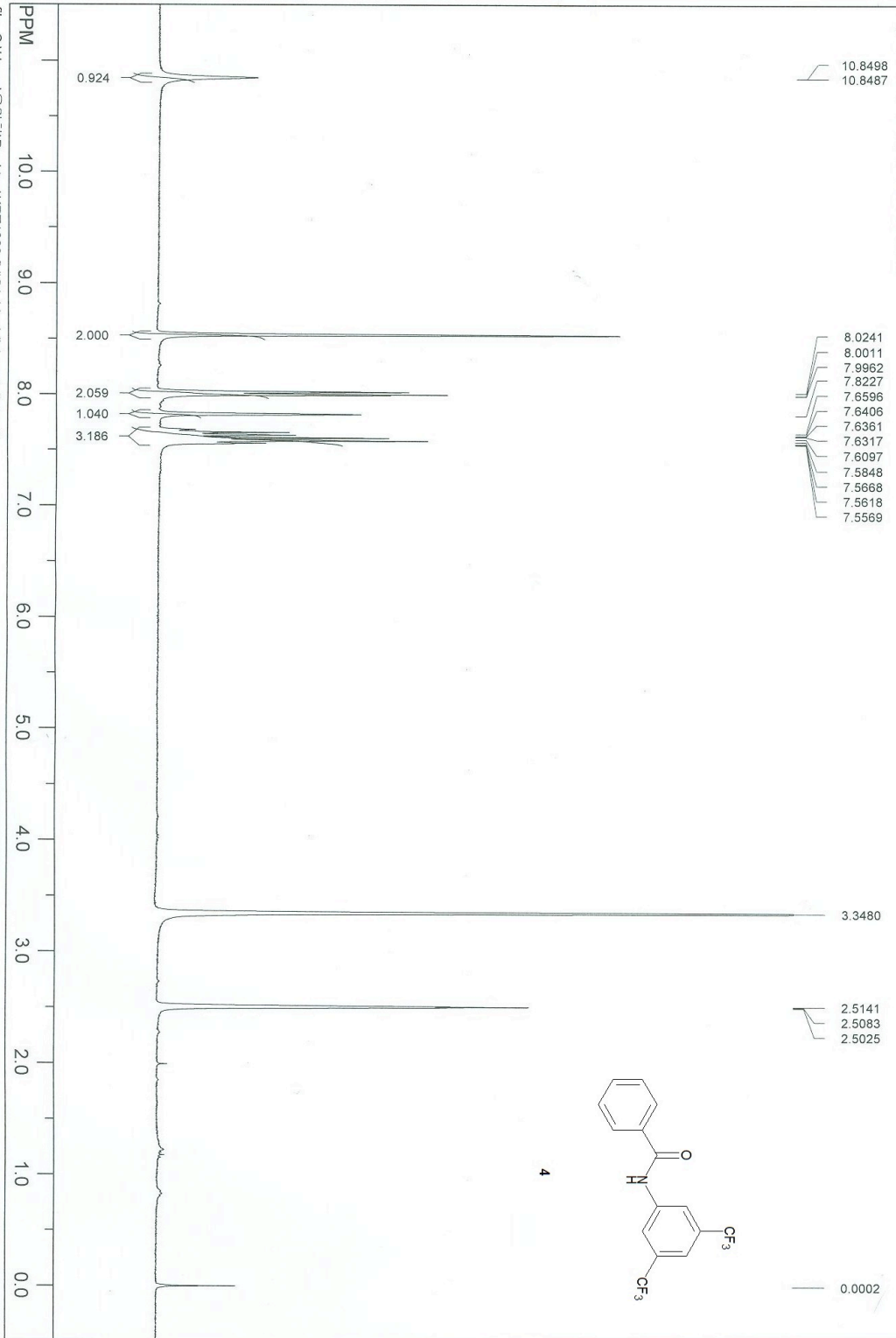
SpinWorks 2.4: KRT1167



file: C:\min\KRT1167\h1\h1d block# 1 exp1: "s2pu1"
 transmitter freq.: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948194 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 144.021 ppm/cm: 0.48015

SpinWorks 2.4: KRT1023

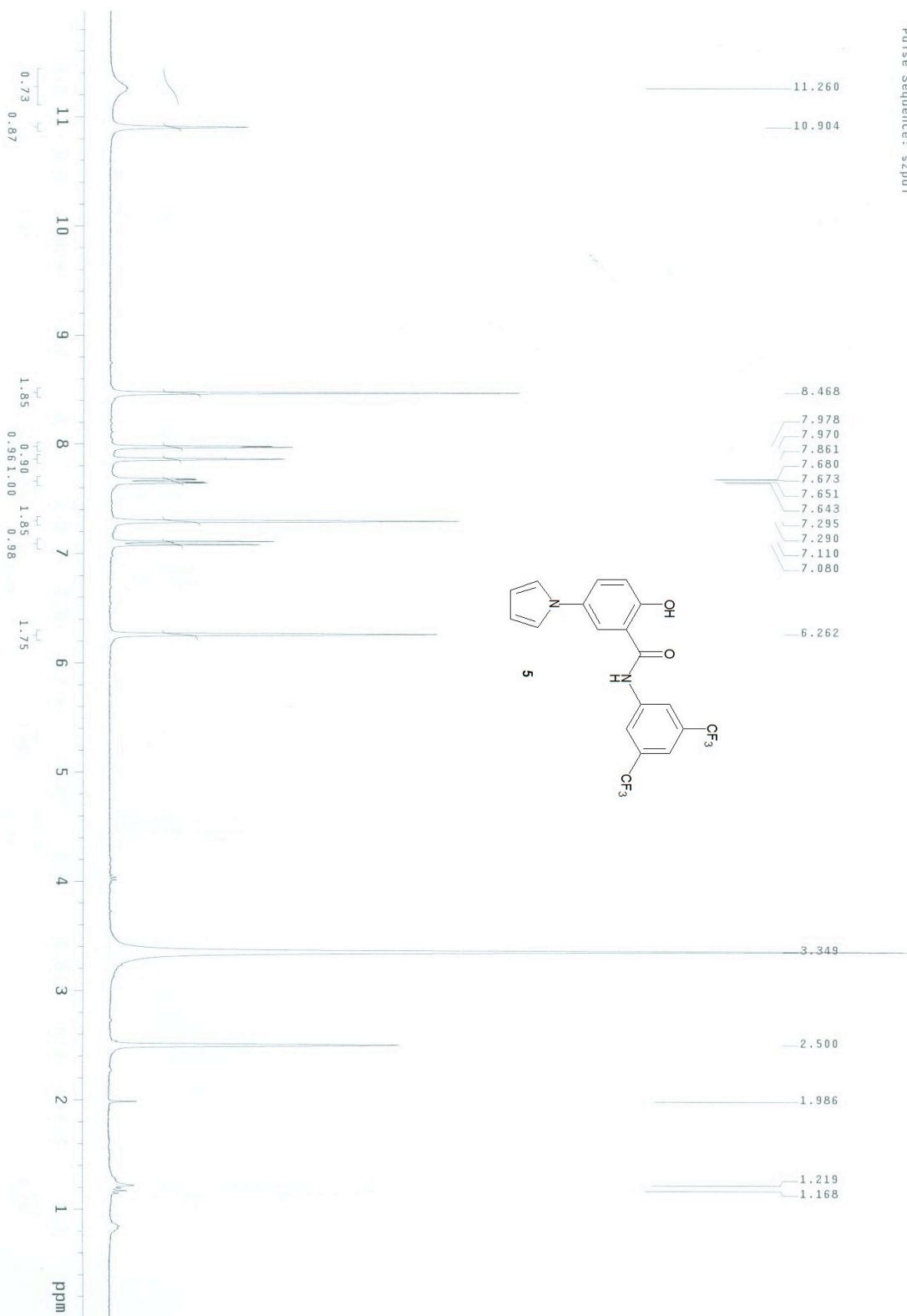


file: C:\Users\문민환\Desktop\KRT1023.fid\fid block# 1 exp# "2pul"
 transmitter freq.: 299.970271 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027229 ppm = 0.244070 Hz/pt
 number of scans: 32

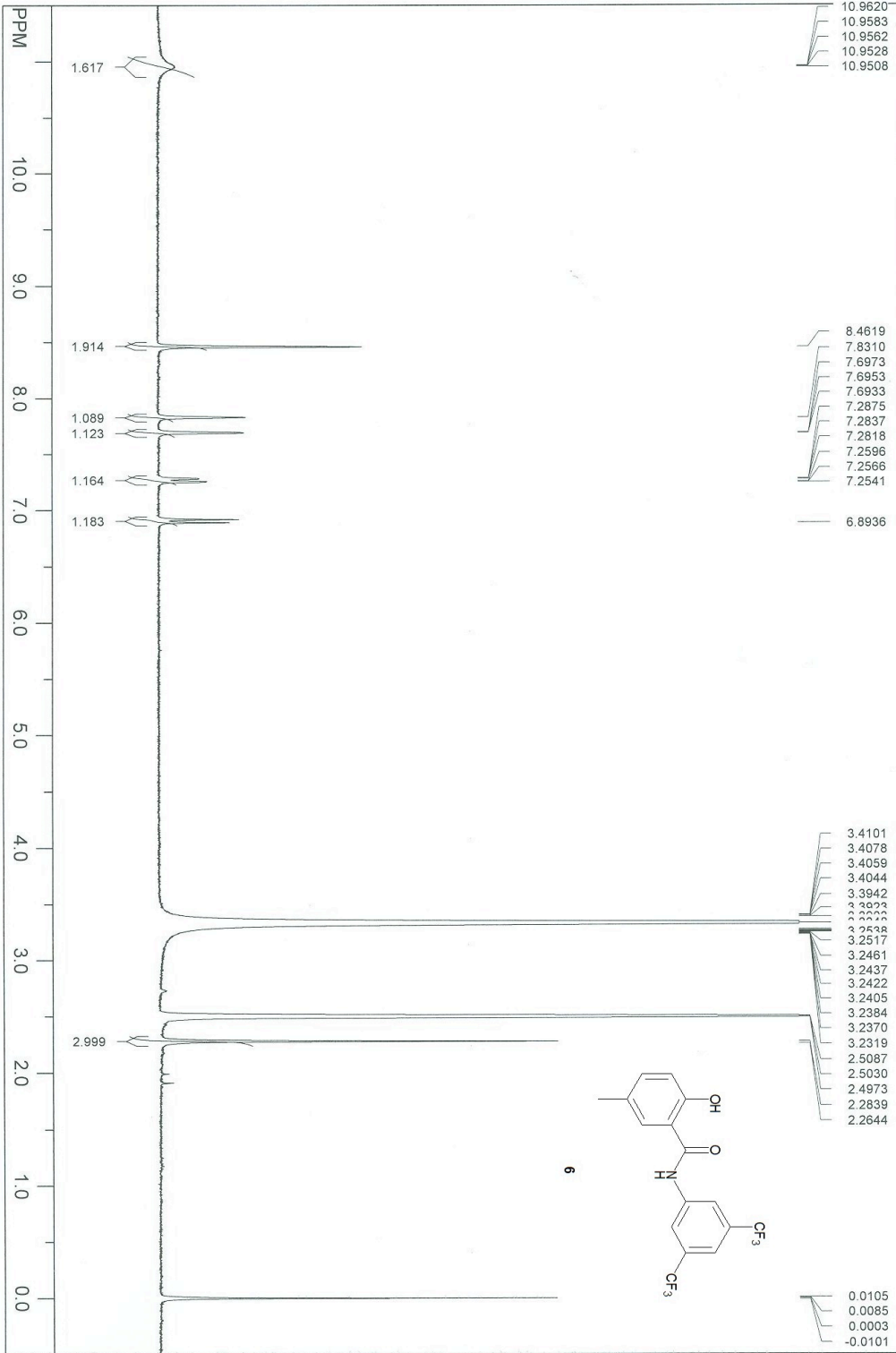
freq. of 0 ppm: 299.968467 MHz
 processed size: 65536 complex points
 LB: 0.000 GB: 0.0000
 Hz/cm: 144.005 ppm/cm: 0.48006

KR11839

File: Proton
Pulse Sequence: szpu1



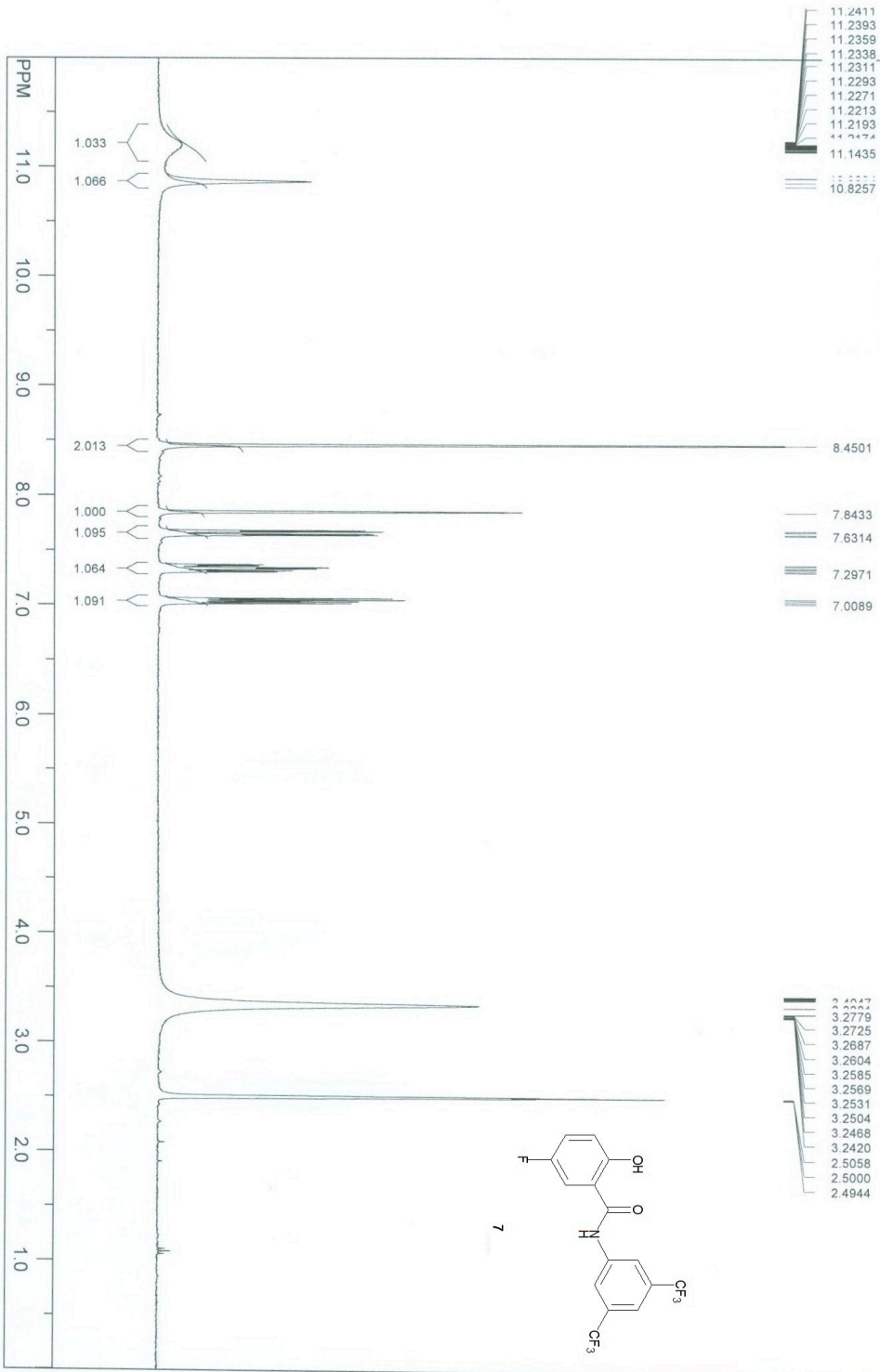
SpinWorks 2.4: KRT1047-2-DMSO



file: C:\Users\공민환\Desktop\KRT1047-2-DMSO-121006.fid\fid block# 1 exp# "szpul"
 transmitter freq.: 299.970271 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027229 ppm = 0.244070 Hz/pt
 number of scans: 64

freq. of 0 ppm: 299.968469 MHz
 processed size: 65536 complex points
 LB: 0.000 GB: 0.0000
 Hz/cm: 144.004 ppm/cm: 0.48006

SpinWorks 2.4: KRT1182-1



file: C:\min\KRT1182-1\fid\block#1 expt "s2pu"
 transmitter freq: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948272 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 144.021 ppm/cm: 0.48015

SpinWorks 2.4: KRT1172

11.4347
11.4331
11.4291
11.4248
11.4220
11.4201
11.4171
11.4120

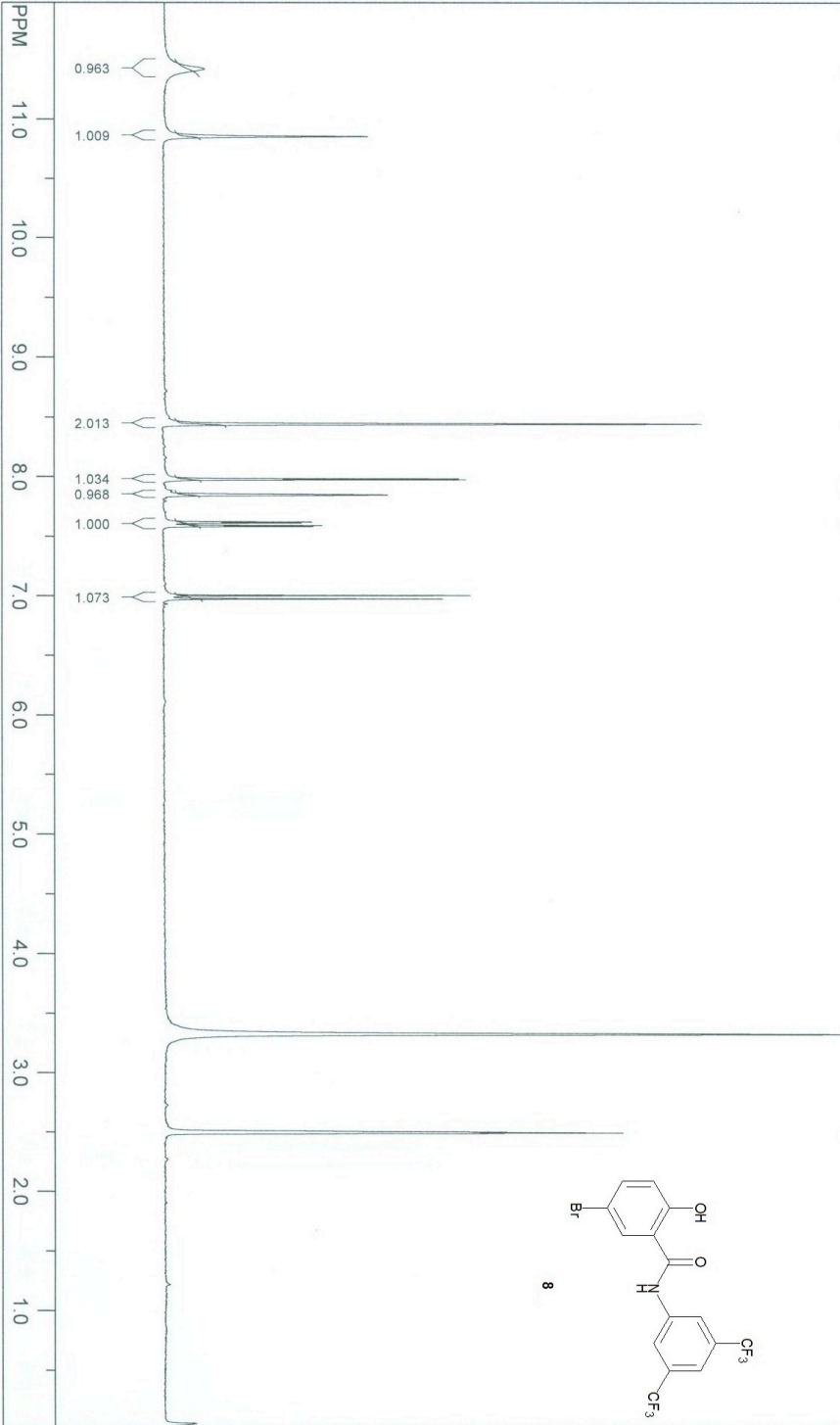
10.8547

8.4404

7.9823
7.9739
7.8470
7.8457
7.6186
7.6102
7.5894
7.5808
7.0019
6.9726

3.3268

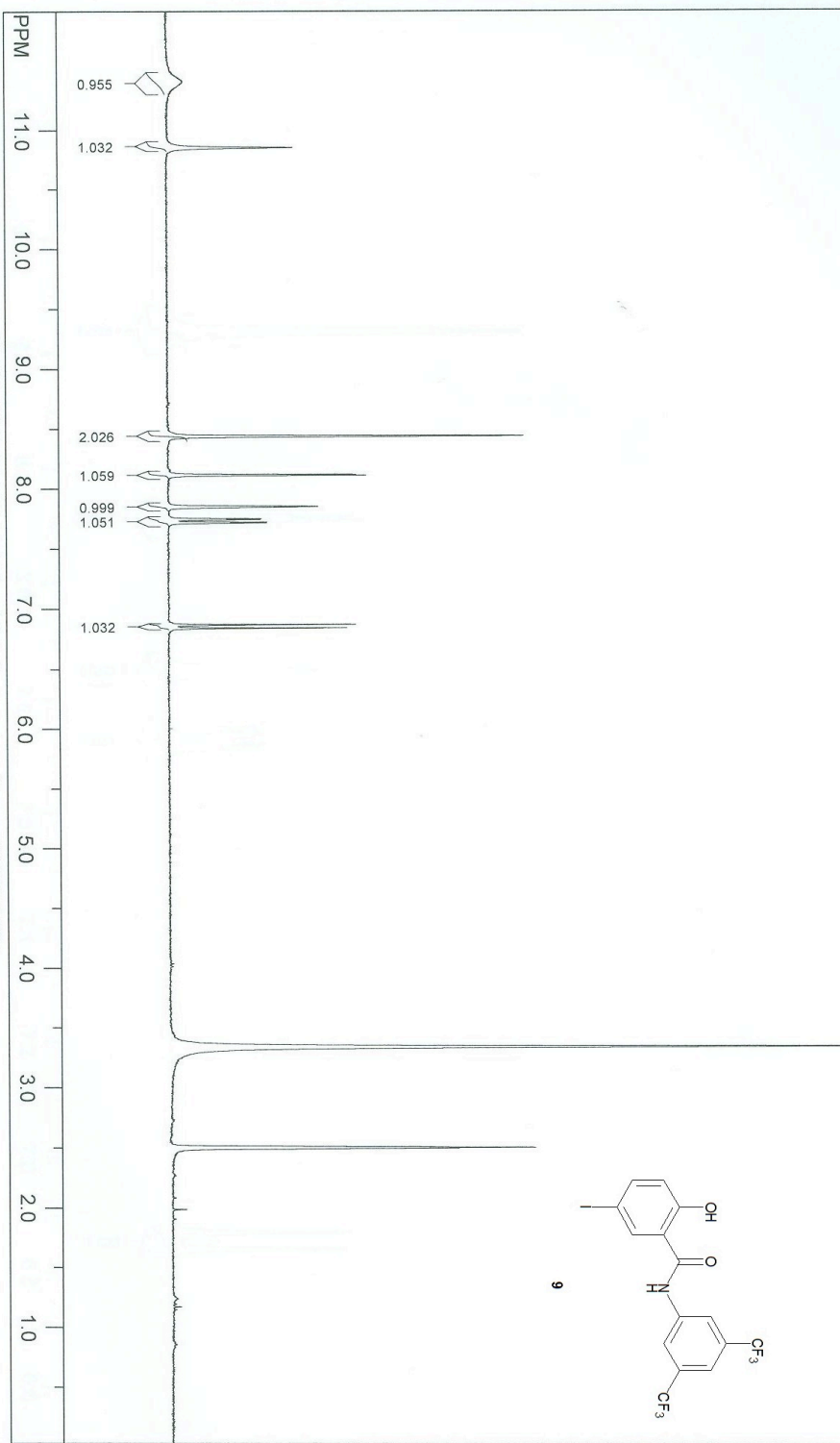
2.5102
2.5047
2.4989
2.4934



file: C:\data\KRT1172\fid\fid block# 1 expt: "s2pu1"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8

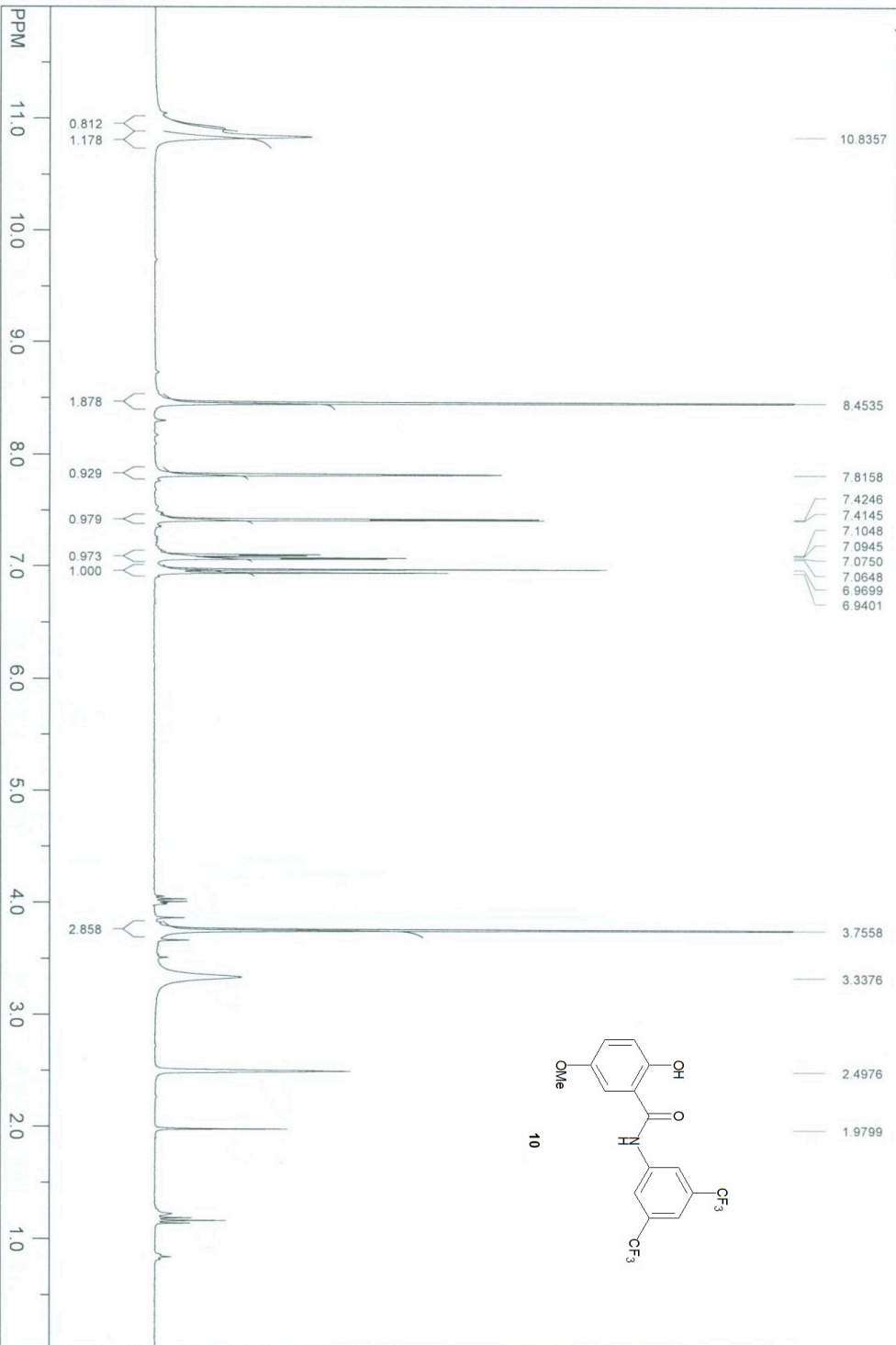
freq. of 0 ppm: 299.948272 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 143.518 ppm/cm: 0.47847

SpinWorks 2.4: KRT1186



file: C:\Documents and Settings\김영중\104호\바탕 화면\김영중\KRT1186\block# 1 exp1 '*szpu'
 transmitter freq.: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8
 freq. of 0 ppm: 299.948275 MHz
 processed size: 65536 complex points
 LB: 0.000 GB: 0.0000
 Hz/cm: 143.590 ppm/cm: 0.47871

SpinWorks 2.4: KRT1062



file: C:\NMR\KRT1062.fid\fid block# 1 expt "s2pur"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.946280 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 143.854 ppm/cm: 0.47959

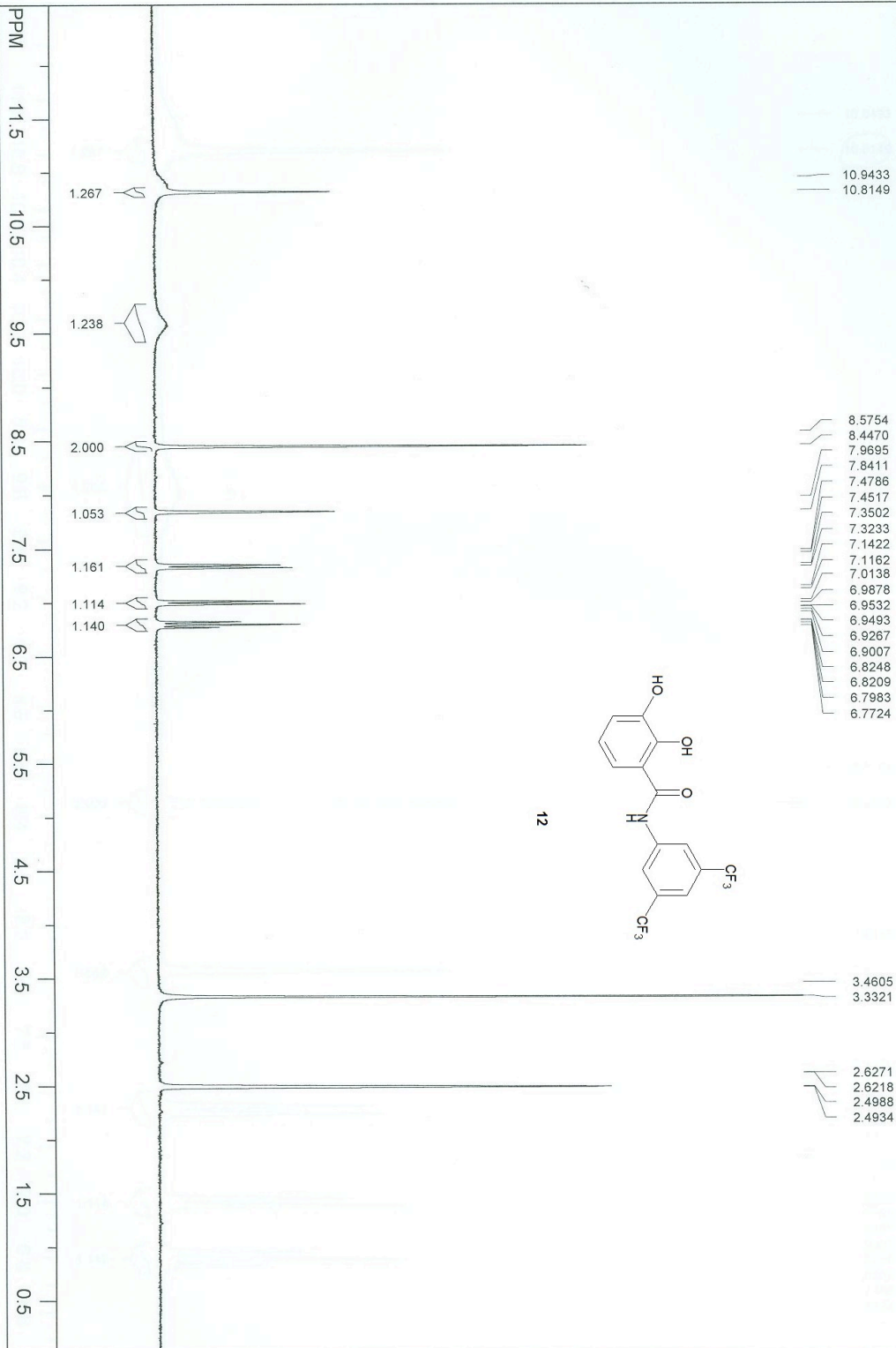
SpinWorks 2.4: KRT1046



file: C:\인원\KRT1046.fid\fid_block# 1 exp1: "s2pu1"
 transmitter freq.: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pl
 number of scans: 8

freq. of 0 ppm: 299.948280 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 149.722 ppm/cm: 0.49916

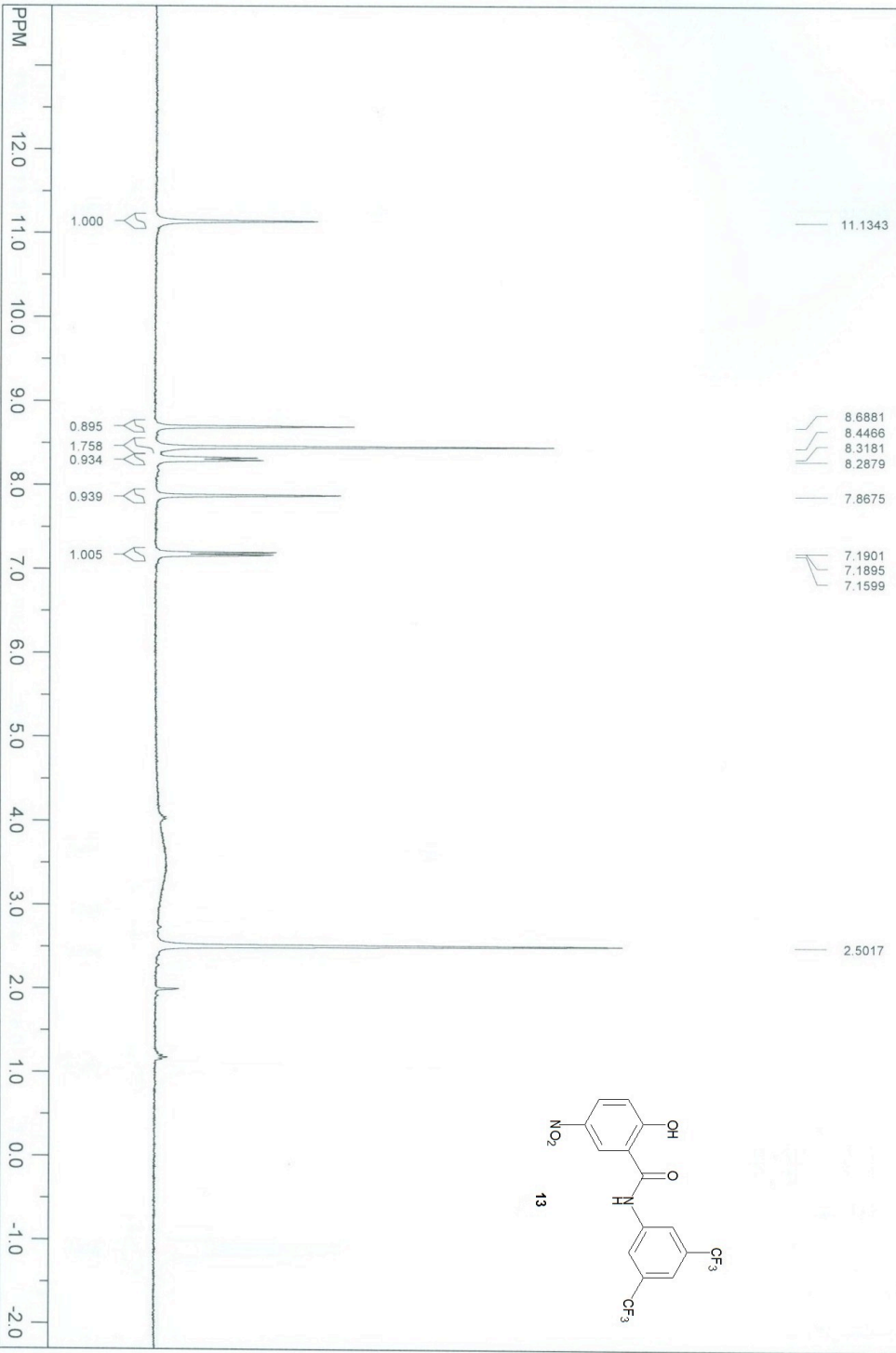
SpinWorks 2.4: N-294



file: D:\남보리\N-294.fid\fid block# 1 exp1: "s2pu1"
 transmitter freq.: 299.970343 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.968581 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 150.528 ppm/cm: 0.50181

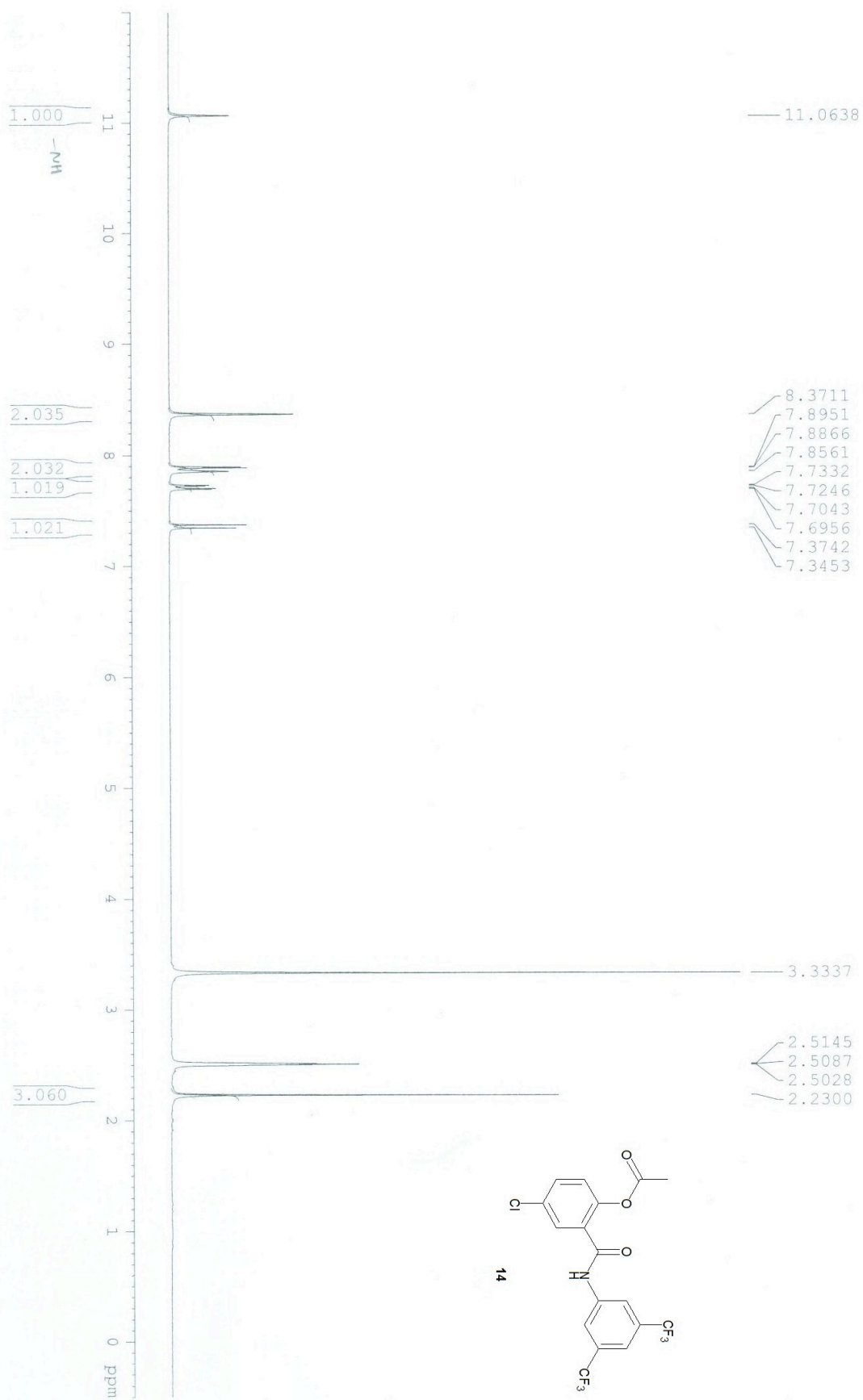
SpinWorks 2.4: N-295



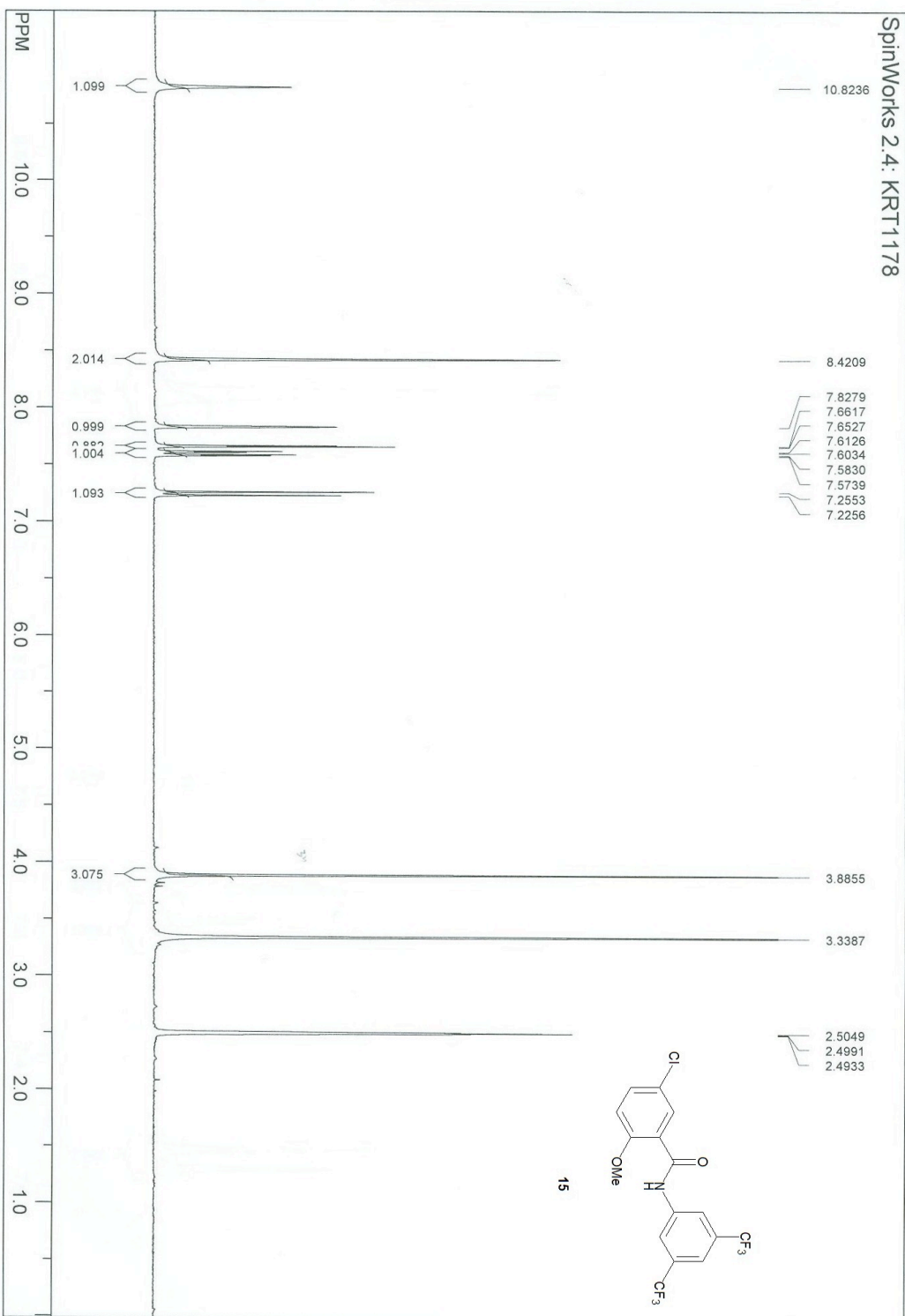
file: D:\남보리\N-295.fid\fid block# 1 expt. "szpu"
transmitter freq.: 299.970343 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.968630 MHz
processed size: 65536 complex points
LB: 0.000 GB: 0.0000
Hz/cm: 192.308 ppm/cm: 0.64109

N-260-DMSO



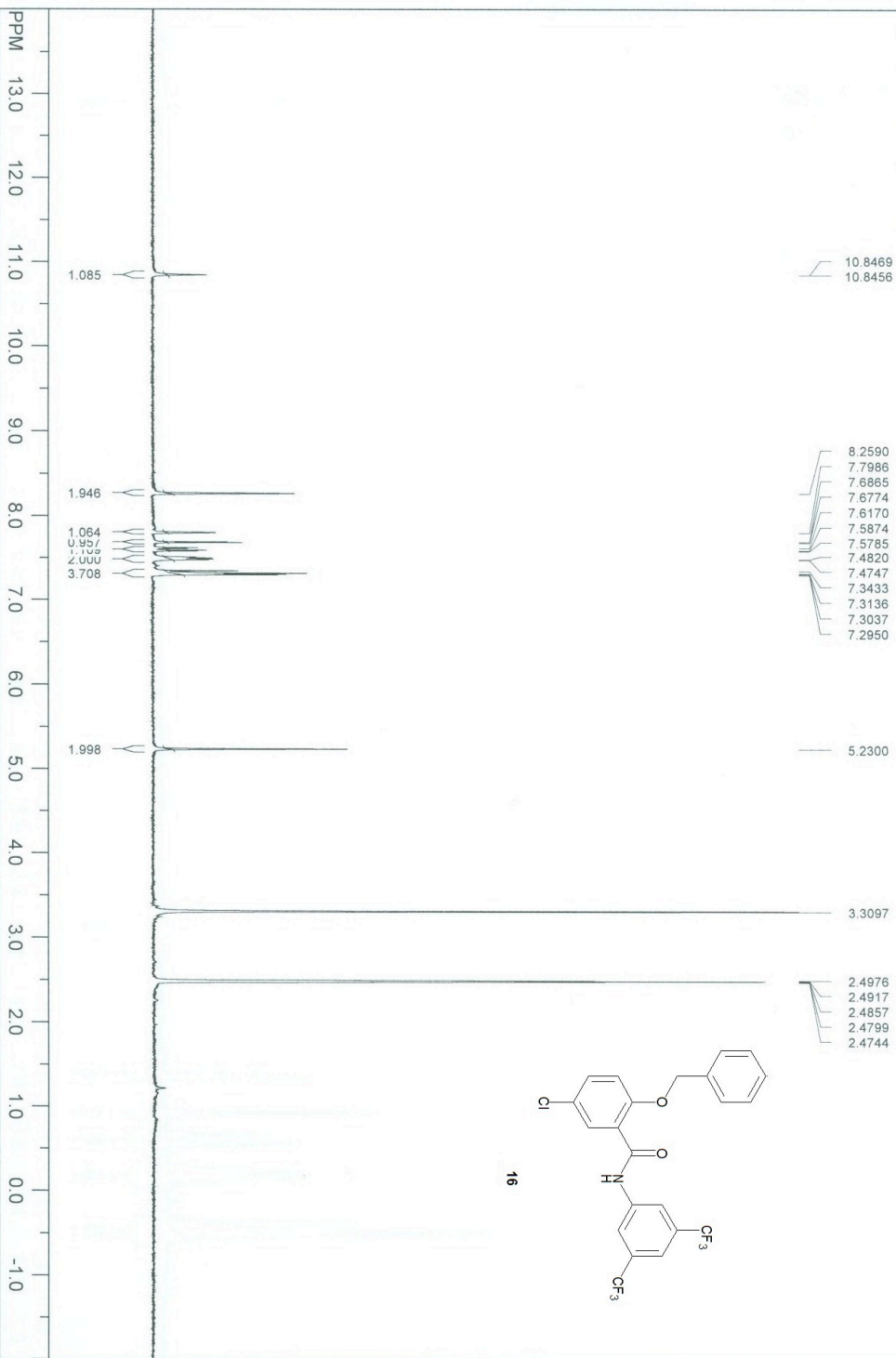
SpinWorks 2.4: KRT1178



file: C:\M\KRT1178.fid\fid block# 1 exp: "s2pu"
 transmitter freq: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948273 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 138.153 ppm/cm: 0.46059

SpinWorks 2.4: N-261-1 - ¹HMSD

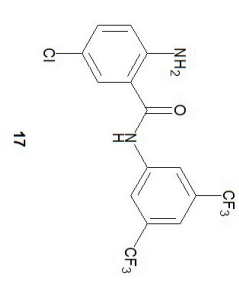
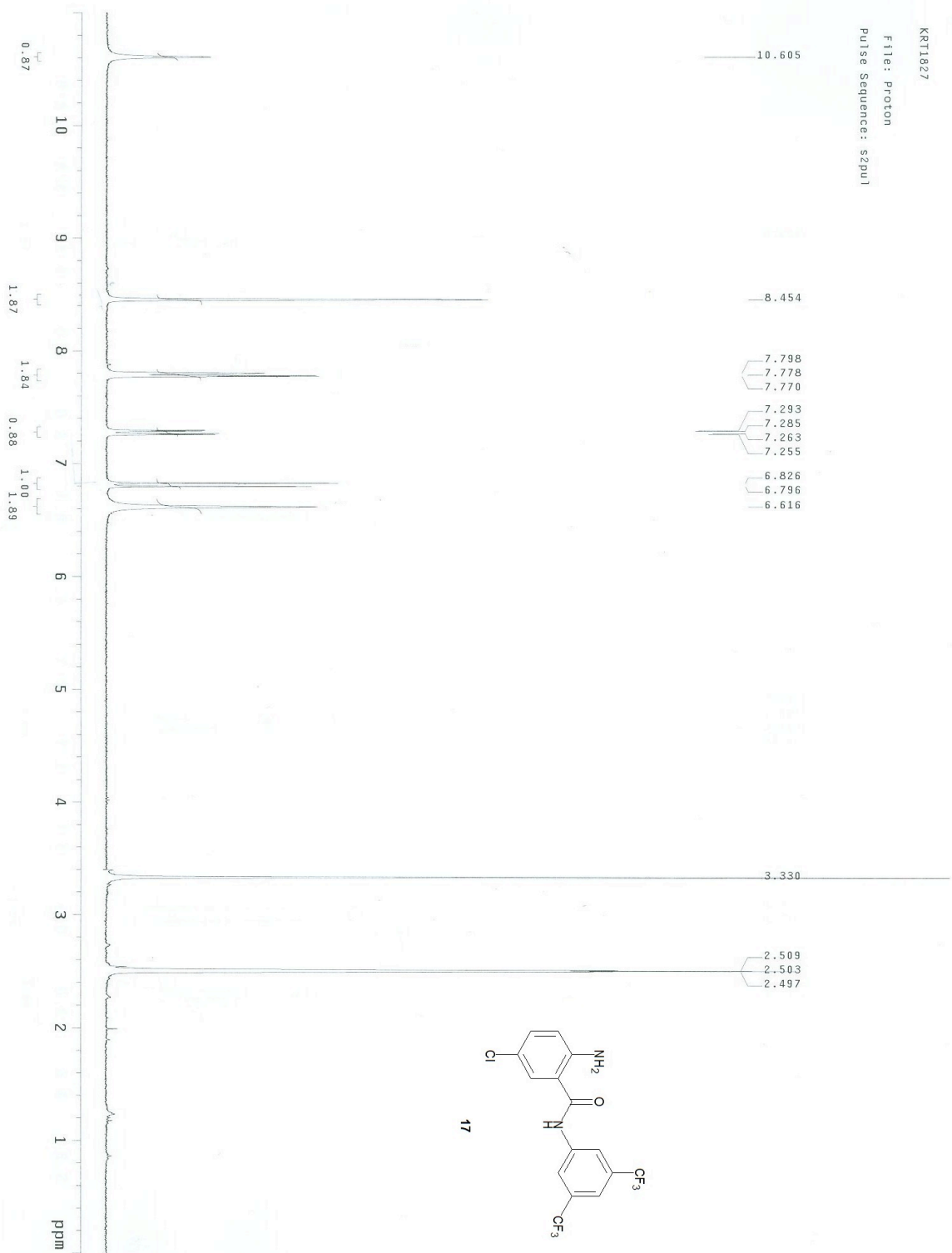


file: C:\Documents and Settings\윤창수\바탕 화면\보리\N-261-1_fid\fid block# 1 exp1: "s2pu1"
 Transmitter freq.: 299.950076 MHz
 time domain size: 13698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

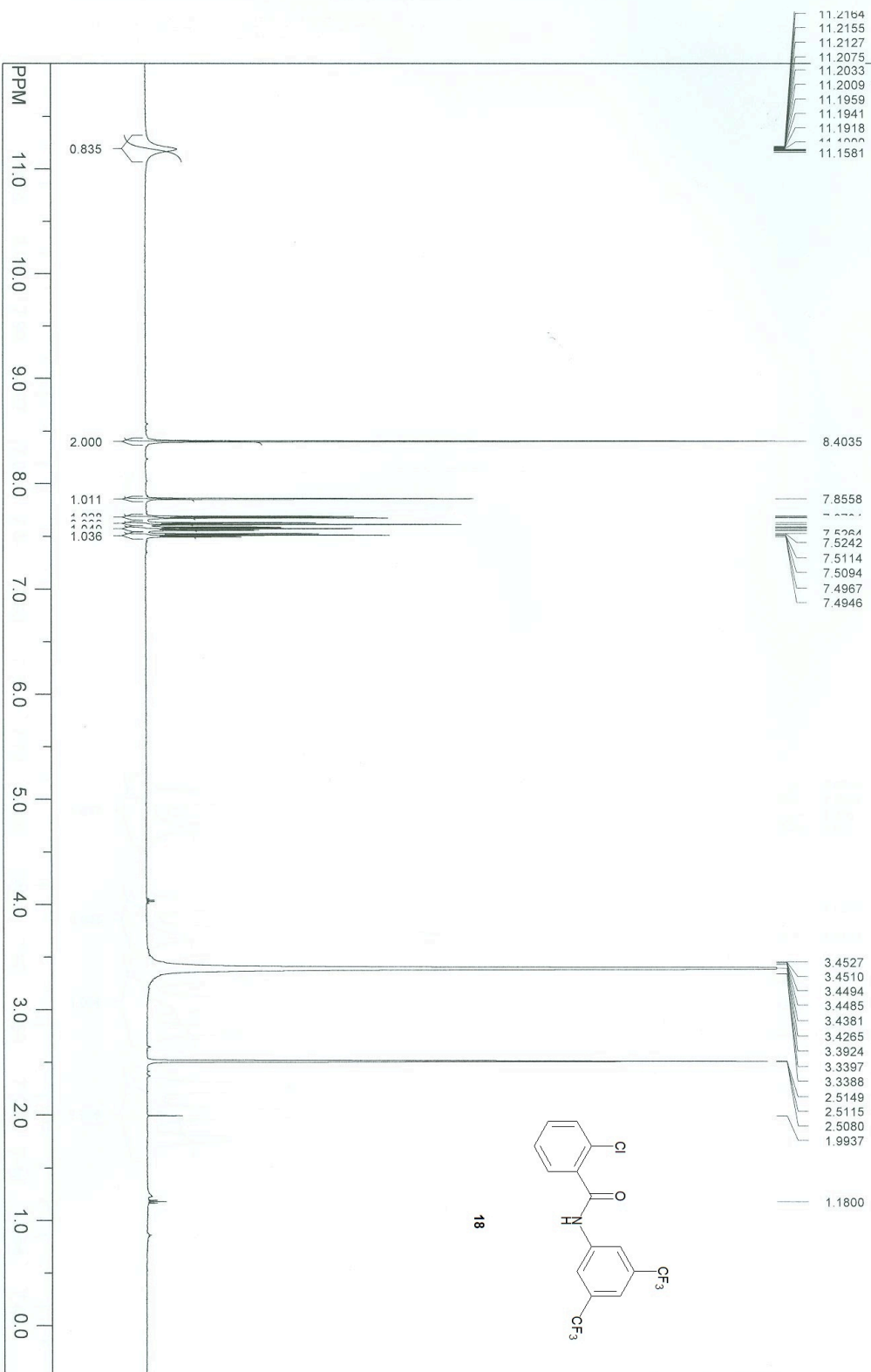
freq. of 0 ppm: 299.948276 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 192.308 ppm/cm: 0.64113

KRT1827

File: Proton
Pulse Sequence: s2pu1



SpinWorks 2.4: KRT-1055 in DMSO



file: C:\Users\Administrator\Desktop\KRT-1055\2\fid exp1: <zg30>
transmitter freq.: 500.133251 MHz
time domain size: 65536 points
width: 7507.51 Hz = 15.011015 ppm = 0.114555 Hz/pt
number of scans: 32

freq. of 0 ppm: 500.130000 MHz
processed size: 32768 complex points
LB: 0.300 GB: 0.0000
HZ/cm: 250.276 ppm/cm: 0.50042

SpinWorks 2.4: N-270-DMSO

10.0666
10.0647
10.0612
10.0594
10.0575
10.0551
10.0515
10.0478
10.0415
10.0378



7.2156
7.2069
7.1239
7.1115
7.1098
7.1035
7.0942
7.0464
6.8607
6.8321



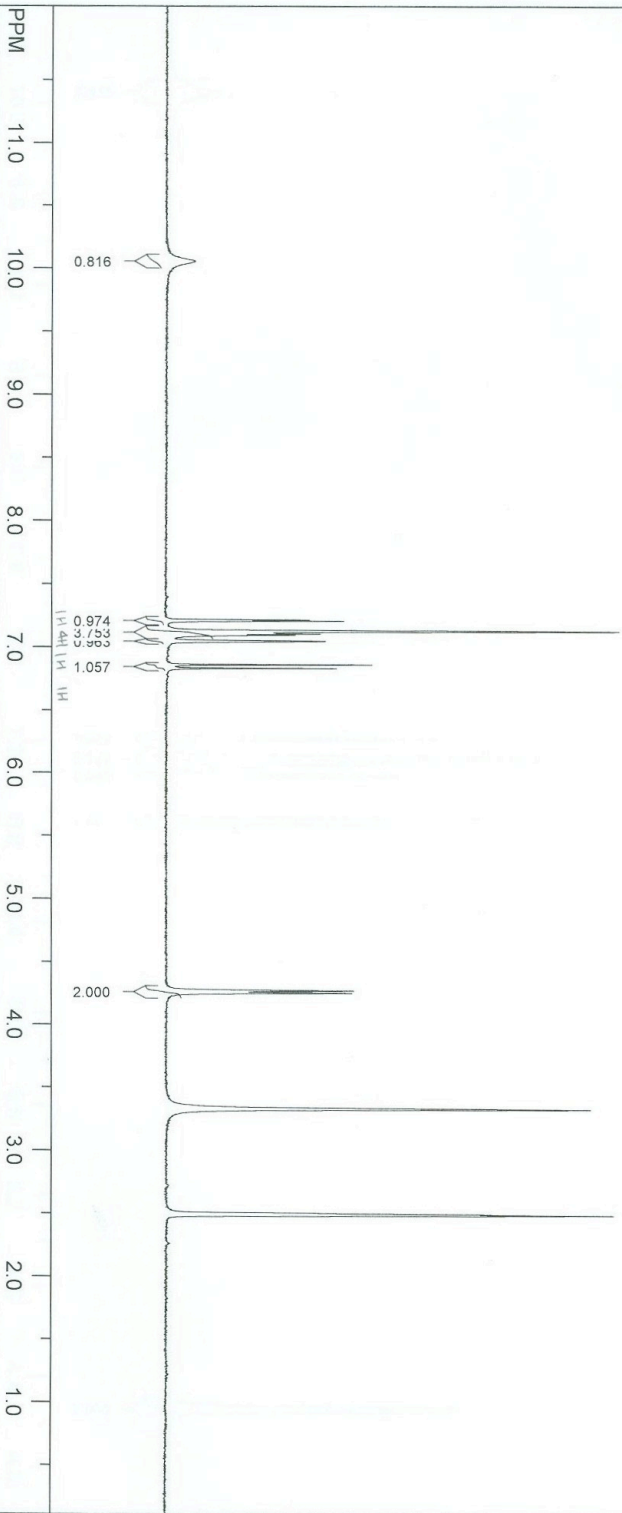
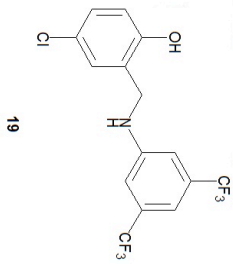
4.2724
4.2535



3.3612
3.3316
3.3055
3.3034
3.3016



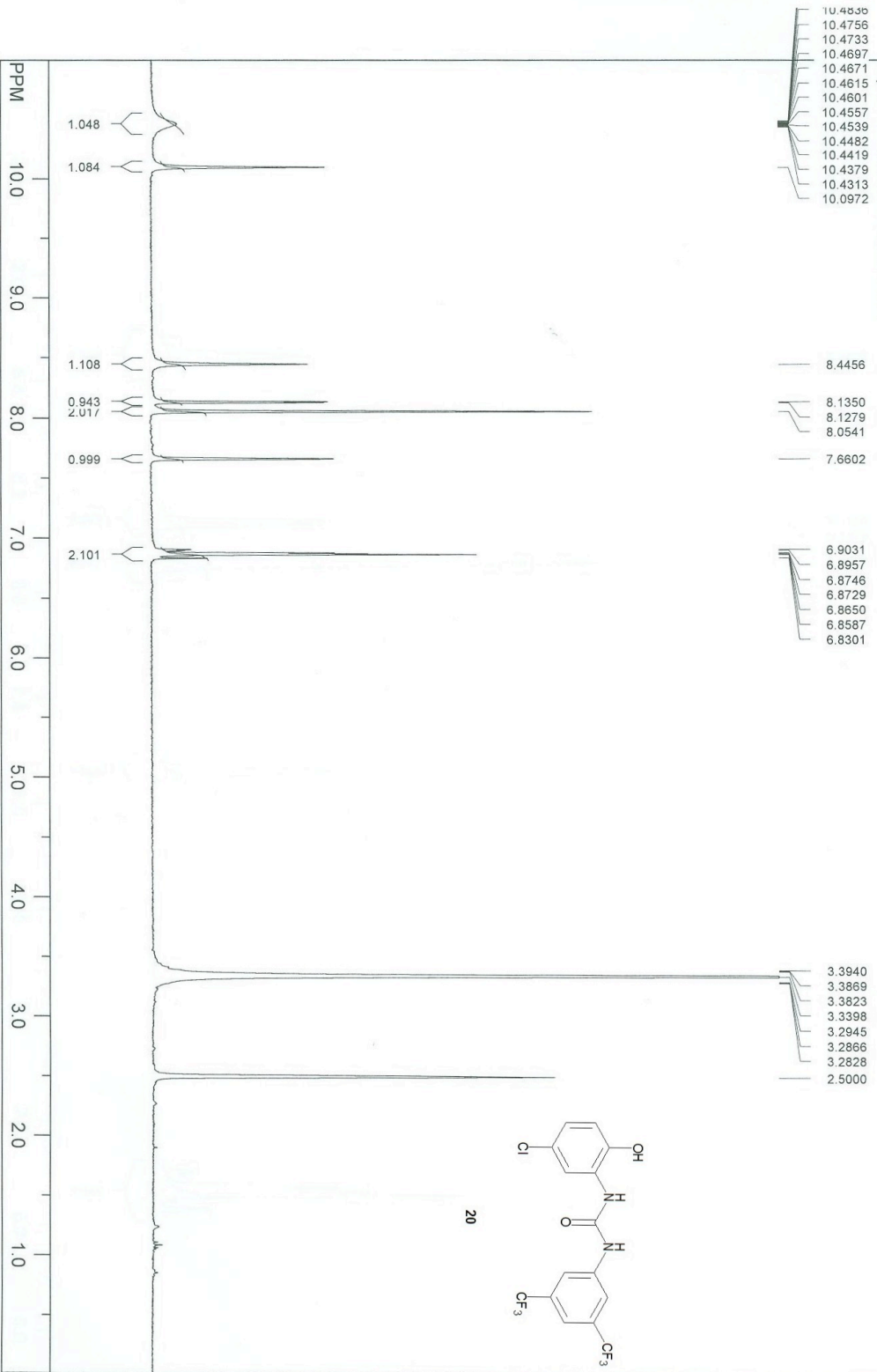
2.5012
2.4957
2.4900



file: C:\Documents and Settings\김명준\104호\바탕 화면\N-270.fid\fid block# 1 exp.: "s2pu"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.948276 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
HZ/cm: 143.741 ppm/cm: 0.47921

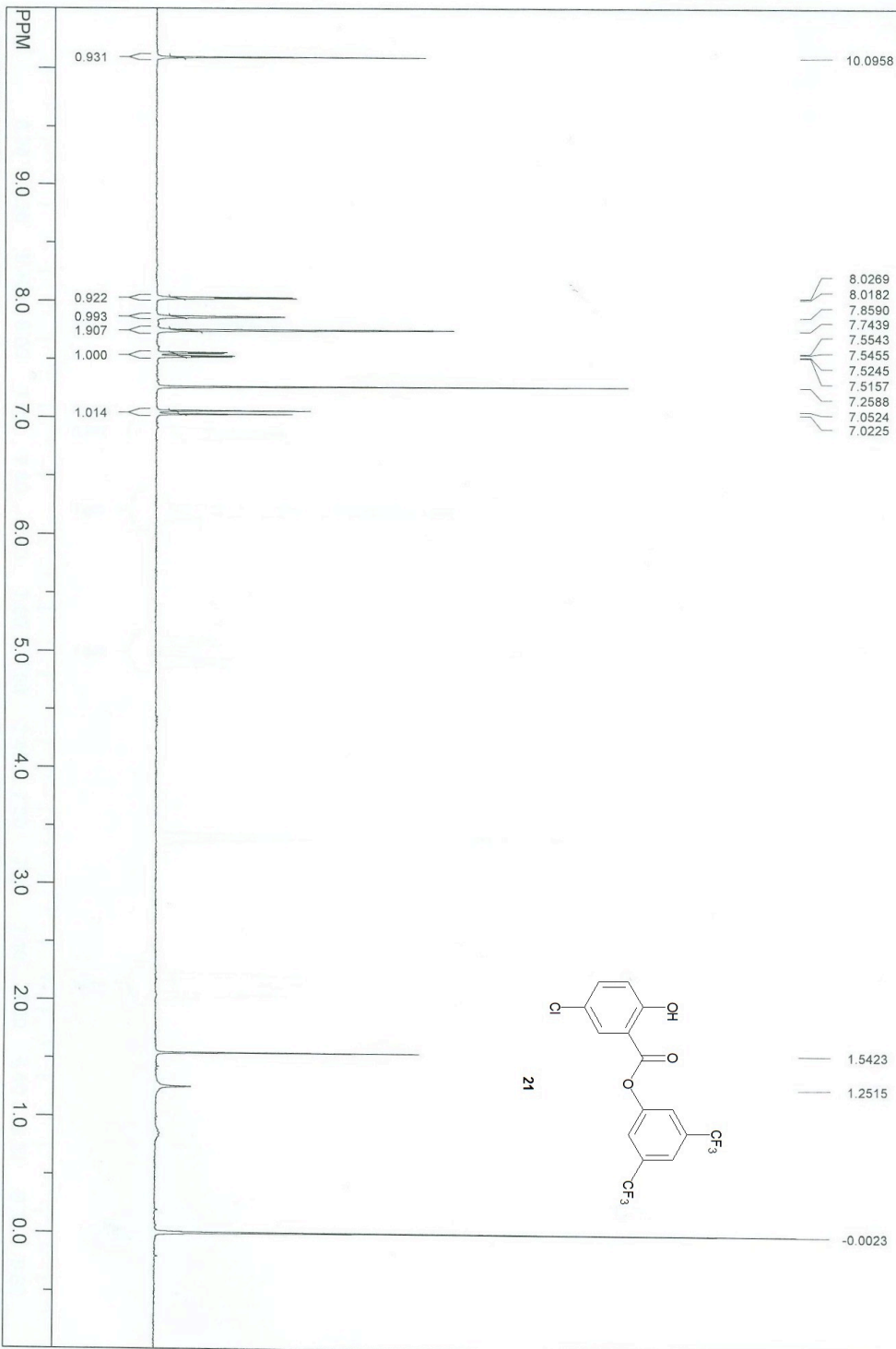
SpinWorks 2.4: KRT1197



file: C:\min\KRT1197\fid\fid block# 1 expt: "s2pul"
 transmitter freq.: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948273 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 131.782 ppm/cm: 0.43935

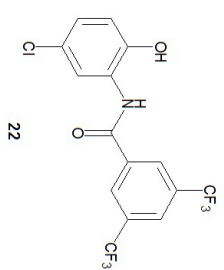
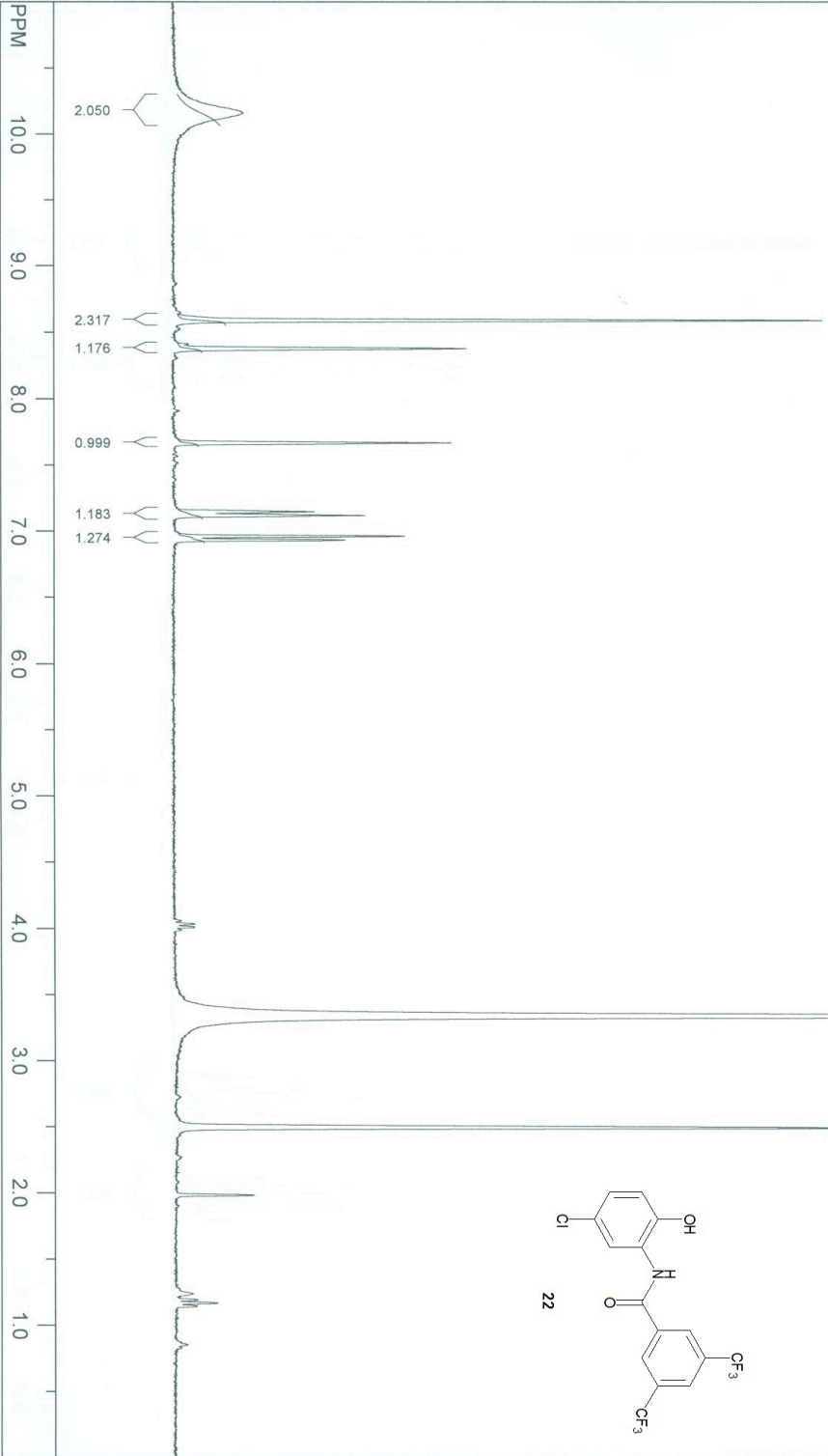
SpinWorks 2.4: 267-1



file: C:\M\267-1.fid\td block# 1 exp# "s2pul"
transmitter freq.: 299.94651 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028384 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.94652 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 138.153 ppm/cm: 0.46059

SpinWorks 2.4: KRT1170



file: C:\민환\KRT1170\fid\fid block# 1 exp: "s2pu"

transmitter freq.: 299.950076 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt

number of scans: 8

freq. of 0 ppm: 299.948191 MHz

processed size: 65536 complex points

LB: 0.200 GB: 0.0000

HZ/cm: 131.950 ppm/cm: 0.43991

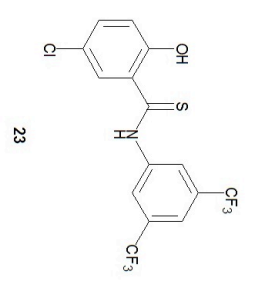
SpinWorks 2.4: KRT1858-1

12.4028
12.4002
12.3969
12.3948
12.3932
12.3914
12.3884
12.3866
12.3848
12.3129

8.7344
7.9997
7.7331
7.4877
7.3285
6.9493

3.4042
3.3434
3.2672
3.2631
3.2598
3.2576
3.2554
3.2506
3.2500
2.5360
2.5056
2.5000
2.4948
1.9065

1.2504
1.2452
1.2296
0.8555
0.8537
0.8426
0.8352
0.8274
0.8251
0.8214



file: D:\민환\민환NMR\run\KRT1858-1.fid\fid block# 1 exp1: "s2pu1"
 transmitter freq.: 299.970343 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8
 freq. of 0 ppm: 299.969544 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 156.109 ppm/cm: 0.52041

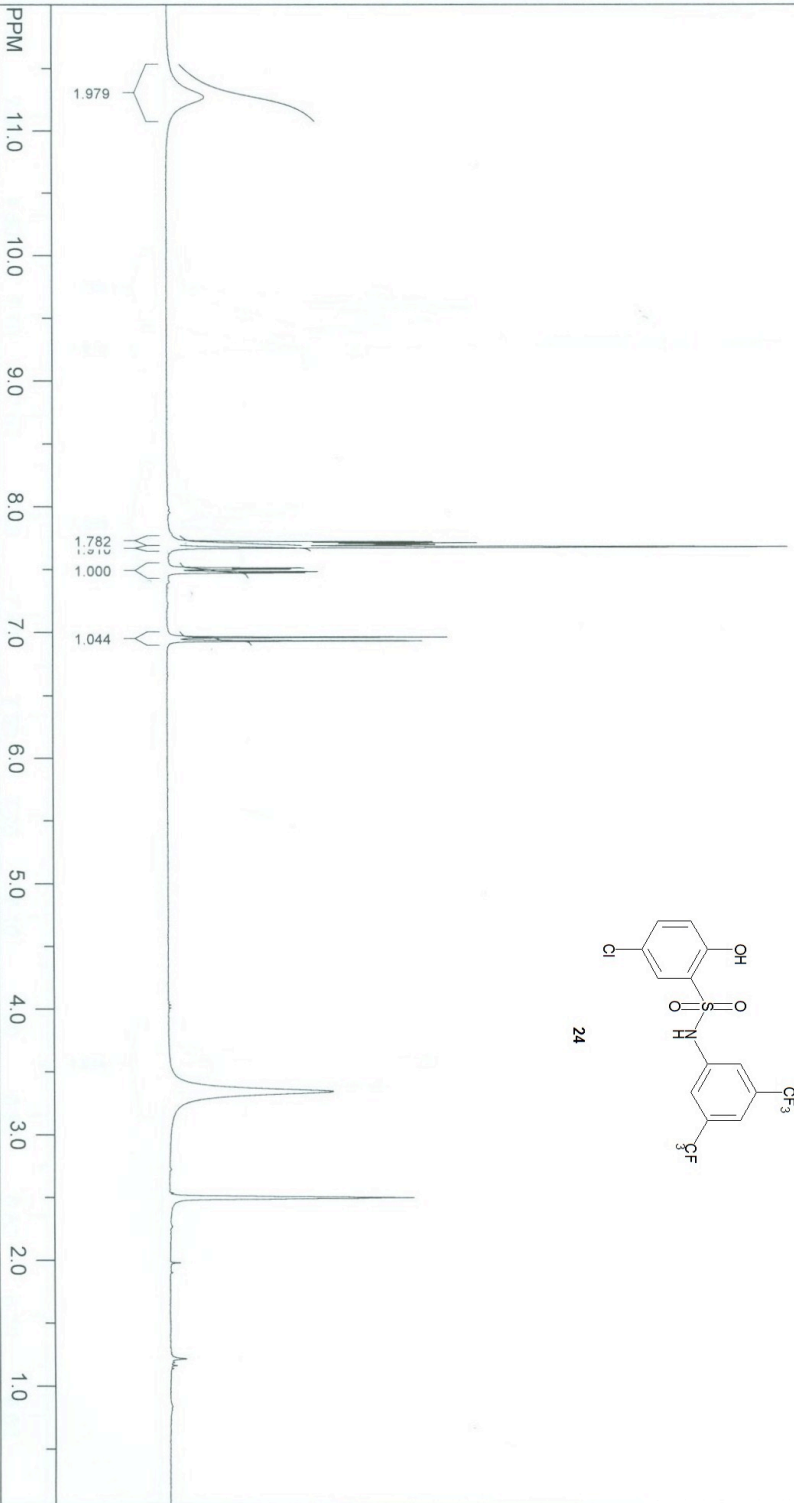
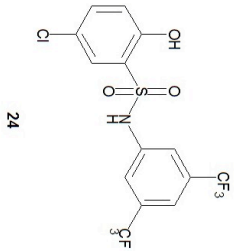
SpinWorks 2.4: KRT1836

11.3077
11.2984
11.2916
11.2881
11.2847
11.2801
11.2774
11.2735
11.2712
11.2622
11.2597
11.2521
11.2437
11.2332

7.7190
7.7101
7.6970
7.6774
7.5107
7.5028
7.5018
7.4813
7.4735
7.4724
6.9613
6.9319

3.3450

2.5041
2.4987
2.4940



file: C:\PI\KRT1836.fid\fid block# 1 exp: "s2pu"

transmitter freq.: 299.970343 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt

number of scans: 8

freq. of 0 ppm: 299.968545 MHz

processed size: 65536 complex points

LB: 0.200 GB: 0.0000

HZ/cm: 143.854 ppm/cm: 0.47956

SpinWorks 2.4: N-271-DMSO

- 12.1025
- 12.0990
- 12.0972
- 12.0955
- 12.0905

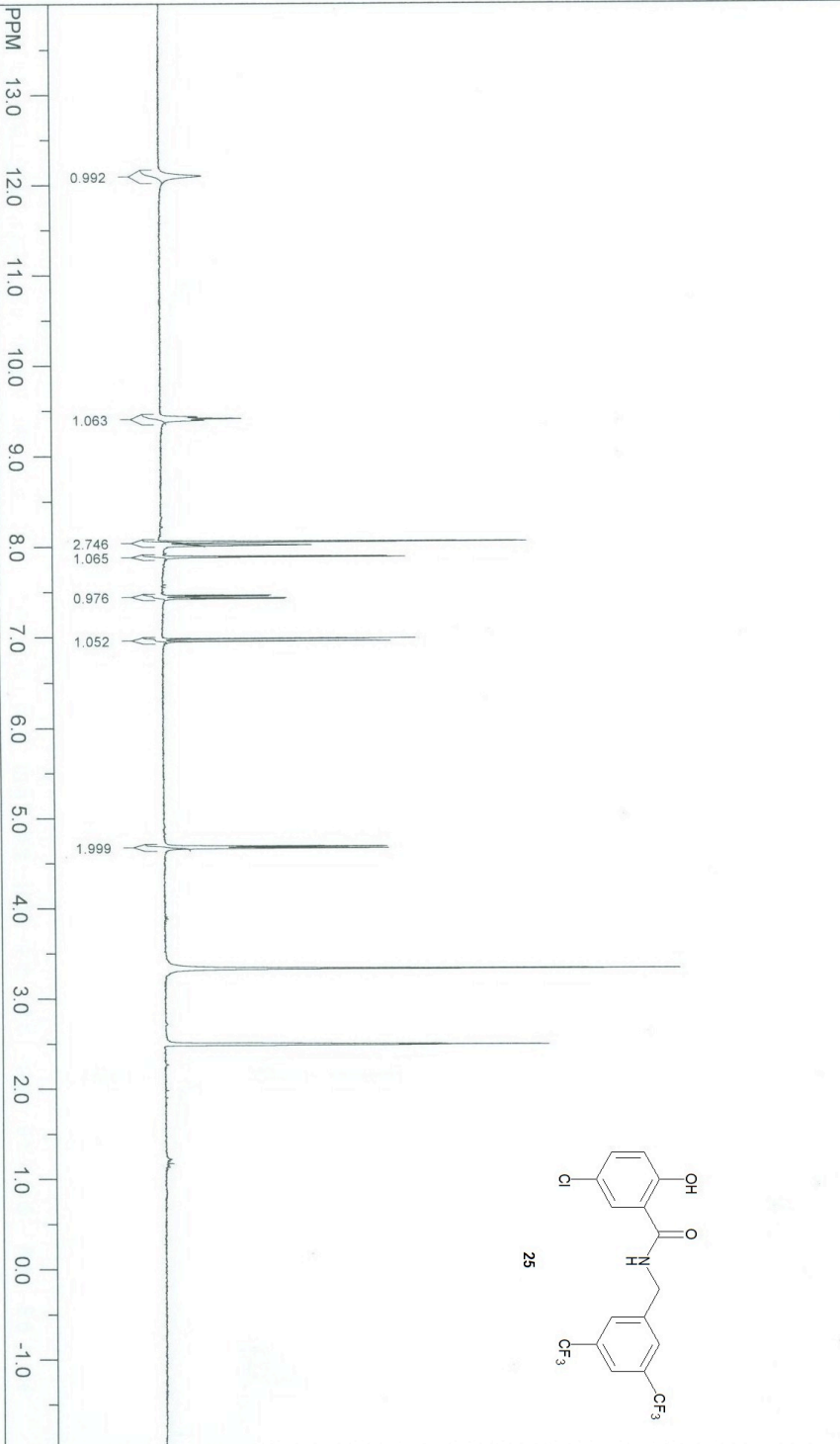
- 9.4318
- 9.4126
- 9.3947
- 9.3926

- 8.0512
- 8.0147
- 7.8908
- 7.8819

- 7.4610
- 7.4522
- 7.4316
- 7.4228
- 6.9816
- 6.9522

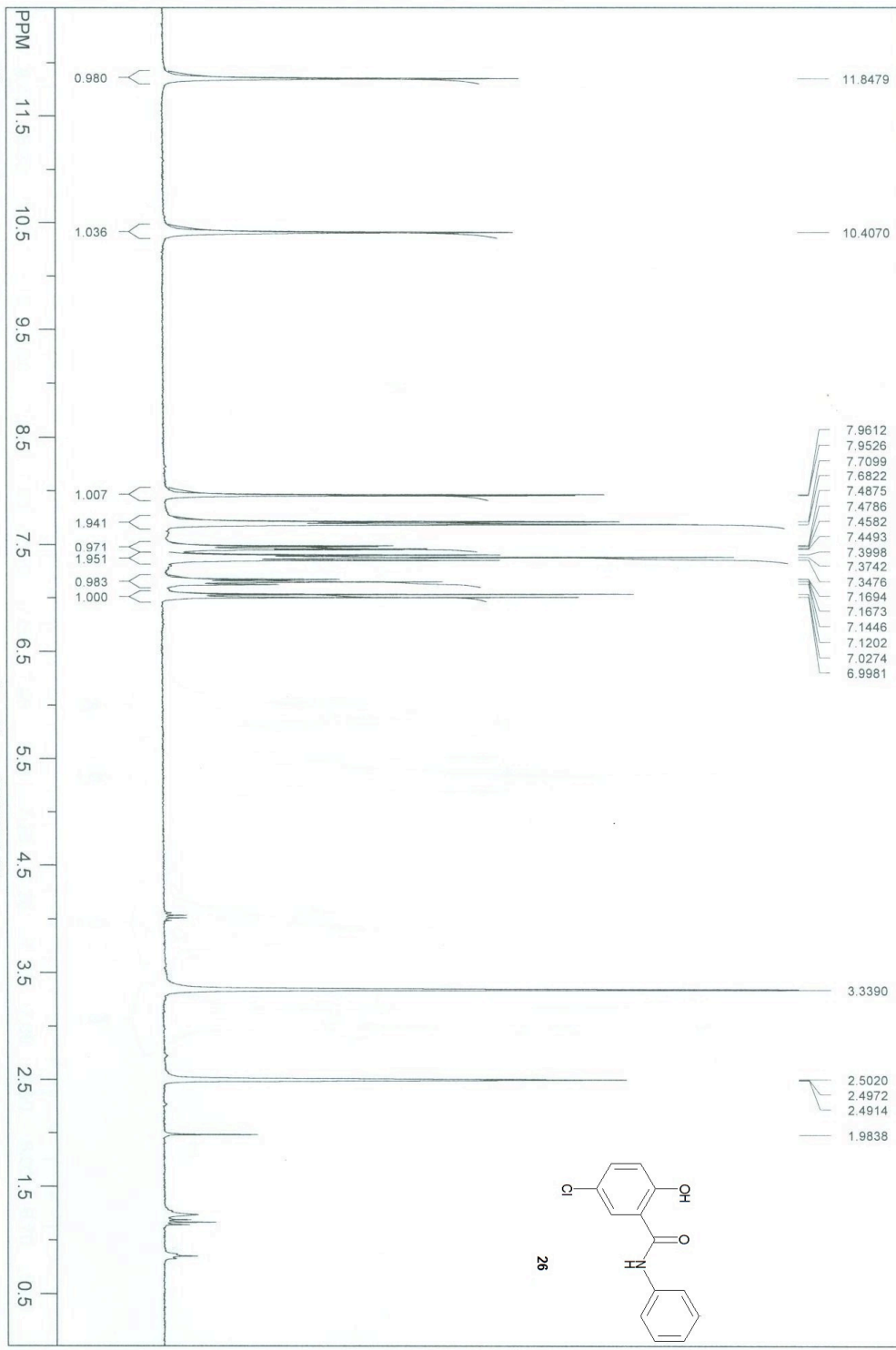
- 4.6864
- 4.6670

- 2.5075
- 2.5016
- 2.4957
- 2.4900
- 2.4845

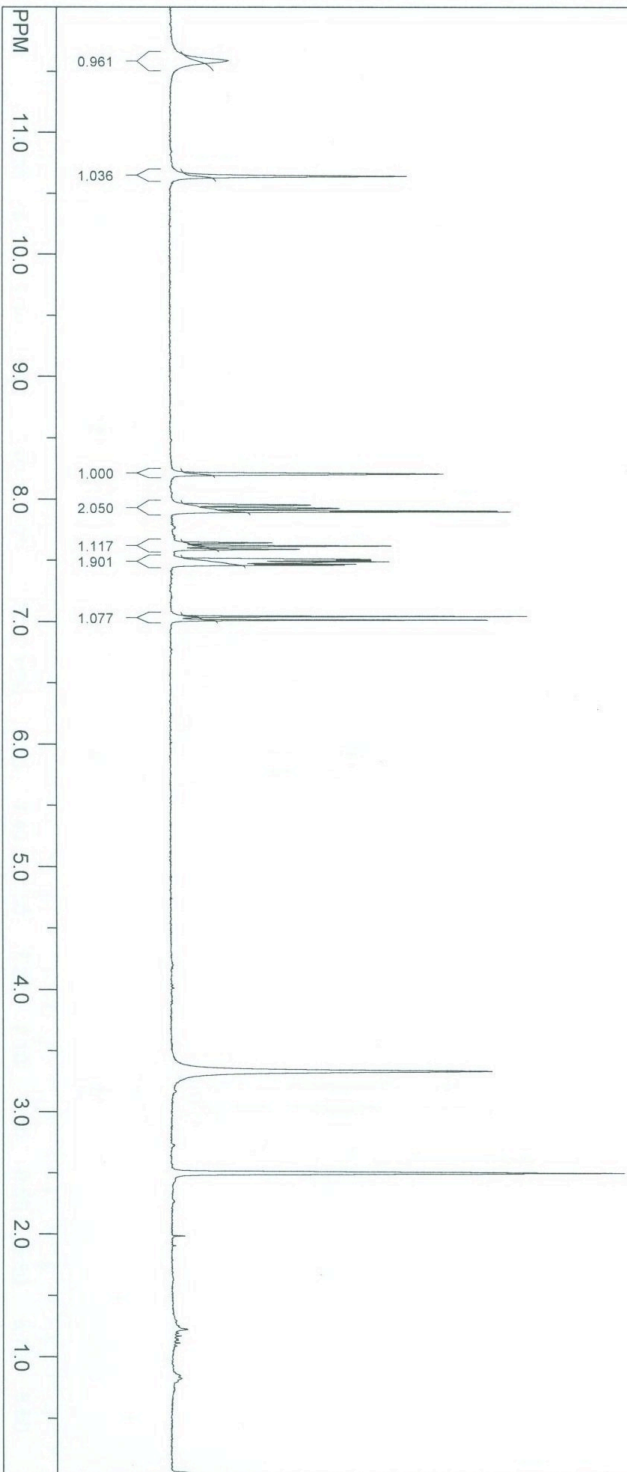
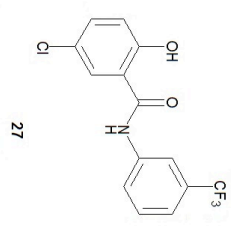


file: C:\Documents and Settings\김영중\104호\바탕 화면\남보리\N-271.fid\fd block# 1 exp: "szpu"
 transmitter freq.: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8
 freq. of 0 ppm: 299.948276 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 192.308 ppm/cm: 0.64113

SpinWorks 2.4: KRT1044



SpinWorks 2.4: KRT1173



file: C:\1\KRT1173.fid\fid block# 1 exp: "s2pu"

transmitter freq: 299.950076 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt

number of scans: 8

freq. of 0 ppm: 299.948272 MHz

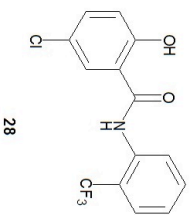
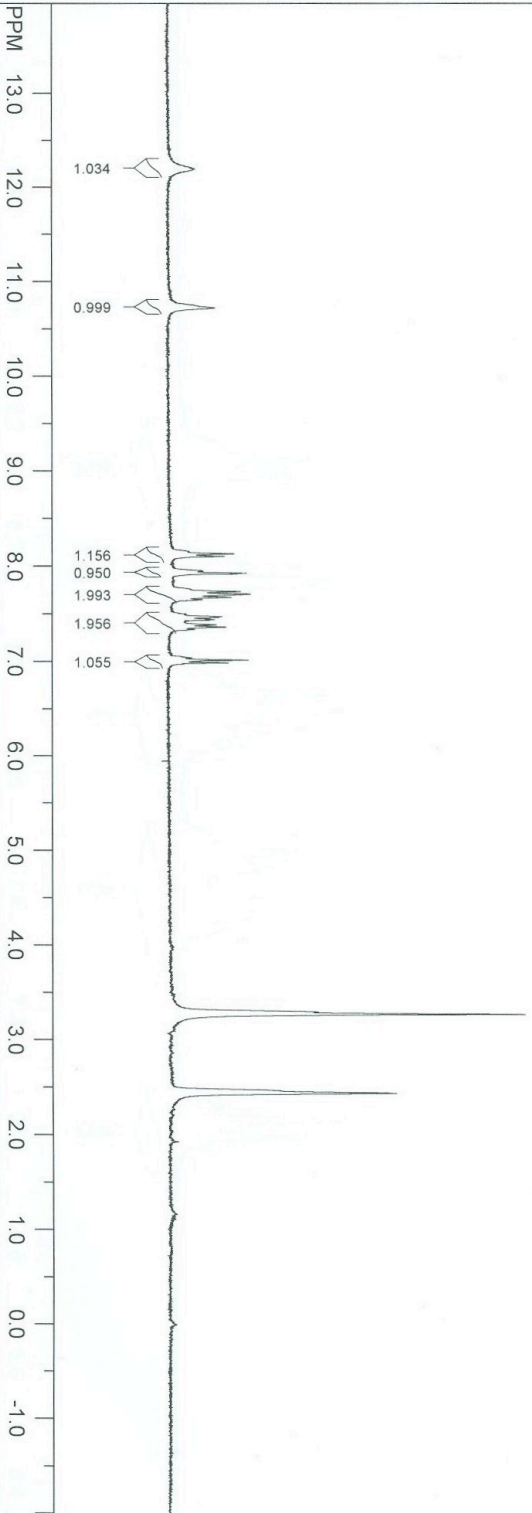
processed size: 65536 complex points

LB: 0.200 GB: 0.0000

Hz/cm: 144.189 ppm/cm: 0.48071

SpinWorks 2.4: N-339

- 10.7277
- 10.7214
- 10.7192
- 10.7165
- 10.7124
- 8.1286
- 8.1262
- 8.1057
- 8.1009
- 8.0992
- 7.9241
- 7.9205
- 7.9157
- 7.7205
- 7.7038
- 7.6739
- 7.6724
- 7.4614
- 7.4403
- 7.4362
- 7.4325
- 7.3854
- 7.3822
- 7.3805
- 7.3611
- 7.3591
- 7.0112
- 6.9830
- 6.9812

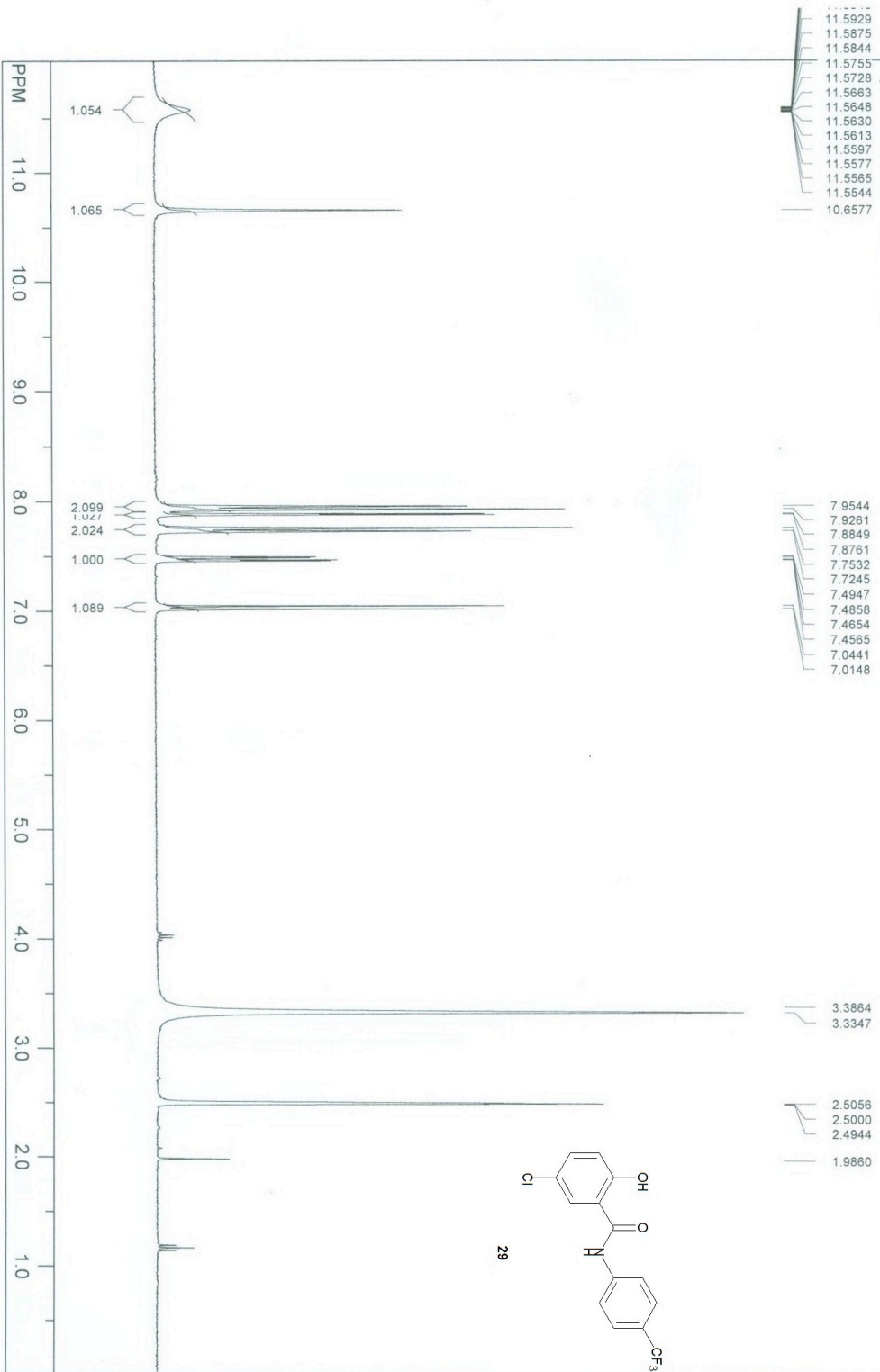


28

file: D:\남보라\NMR\N-333.fid\fid block# 1 exp1 "s2pu1"
transmitter freq: 299.970343 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.968561 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 192.308 ppm/cm: 0.64109

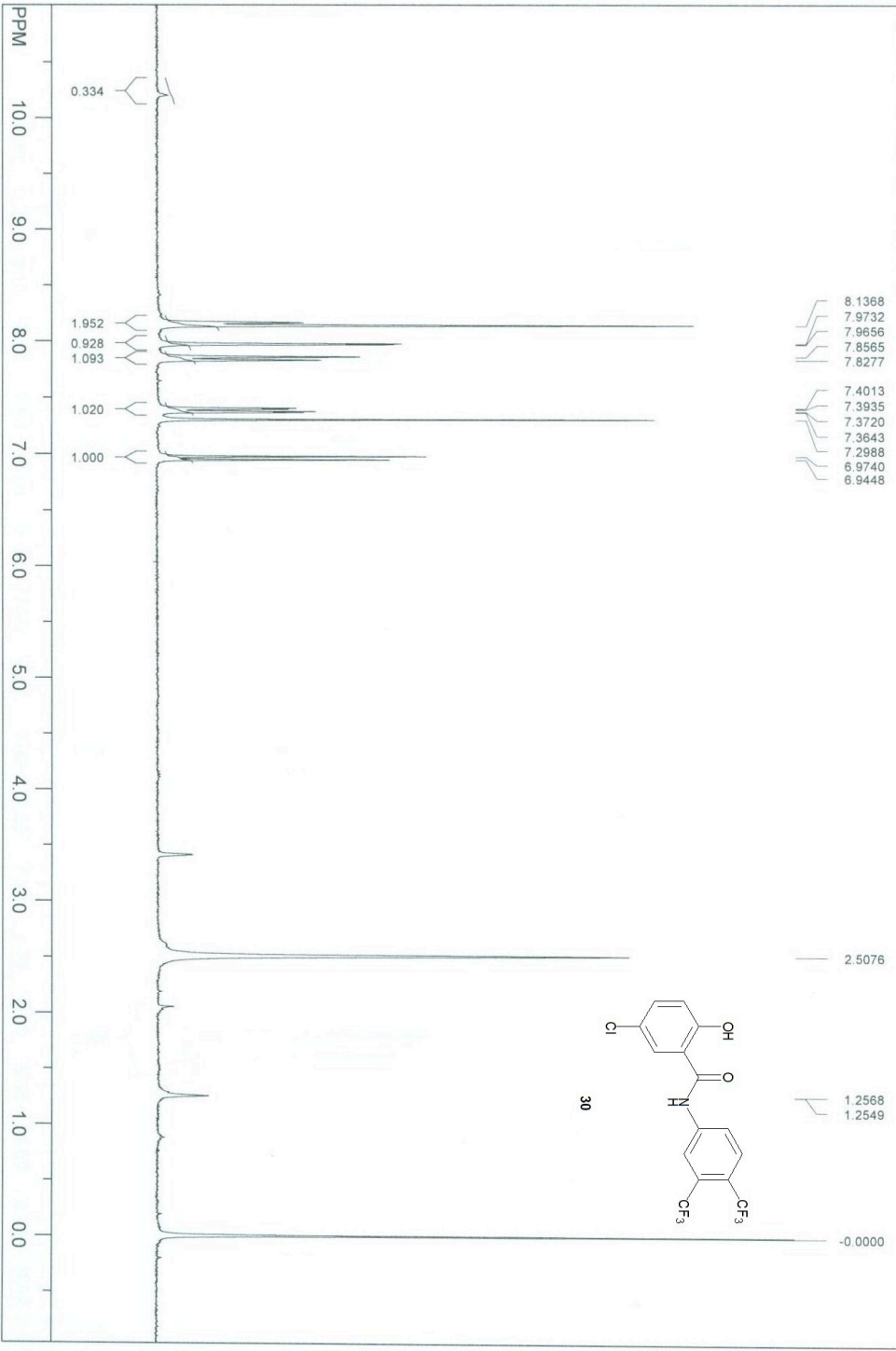
SpinWorks 2.4: KRT1183



file: C:\M\KRT1183.fidfid block# 1 exp: "s2pu"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.948272 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 144.189 ppm/cm: 0.48071

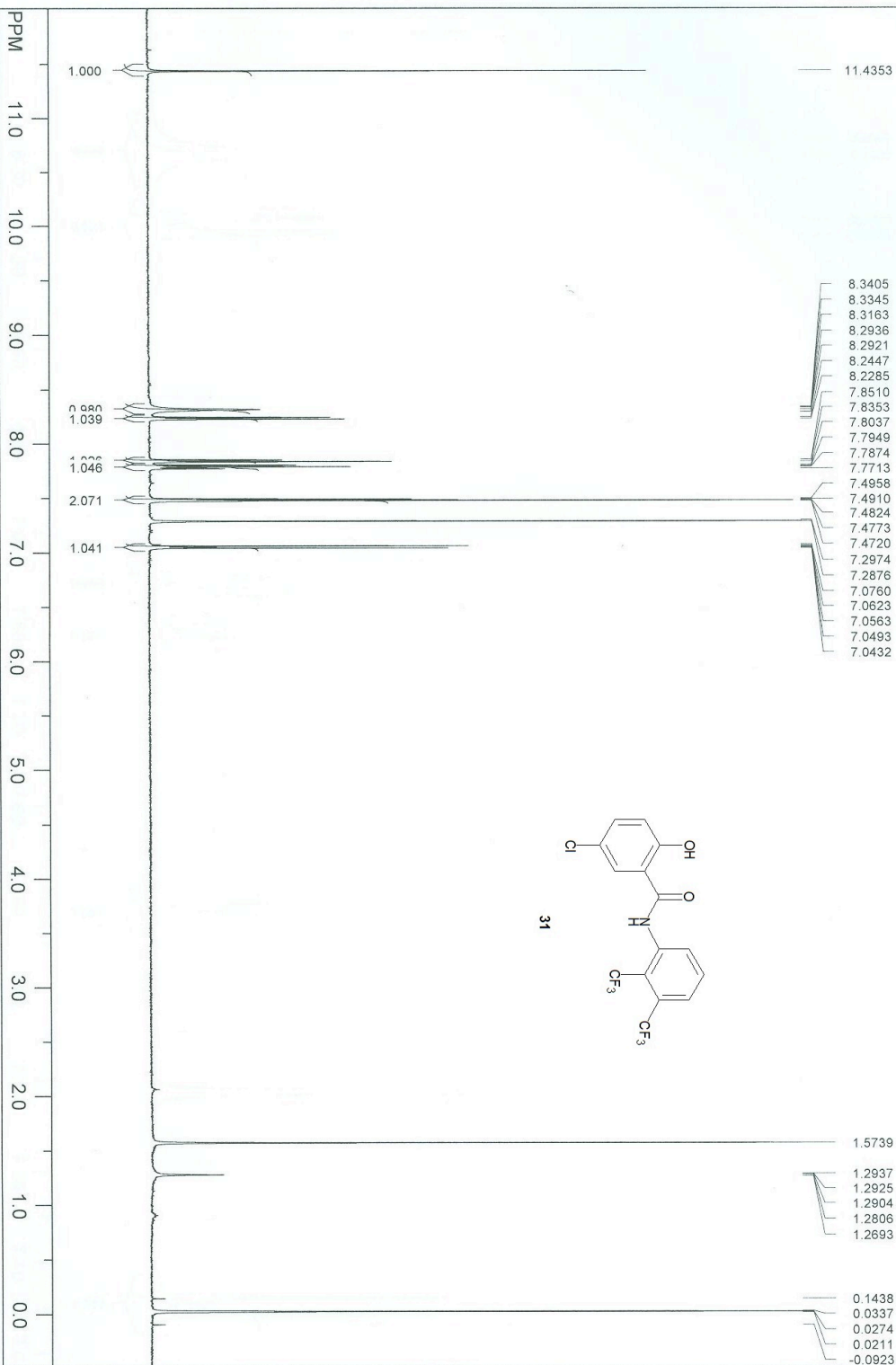
SpinWorks 2.4: KRT1199-1



file: C:\M\KRT1199-1.fid\fd block# 1 exp1 "s2pu"
transmitter freq.: 299.946851 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028384 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.946842 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
HZ/cm: 143.686 ppm/cm: 0.47903

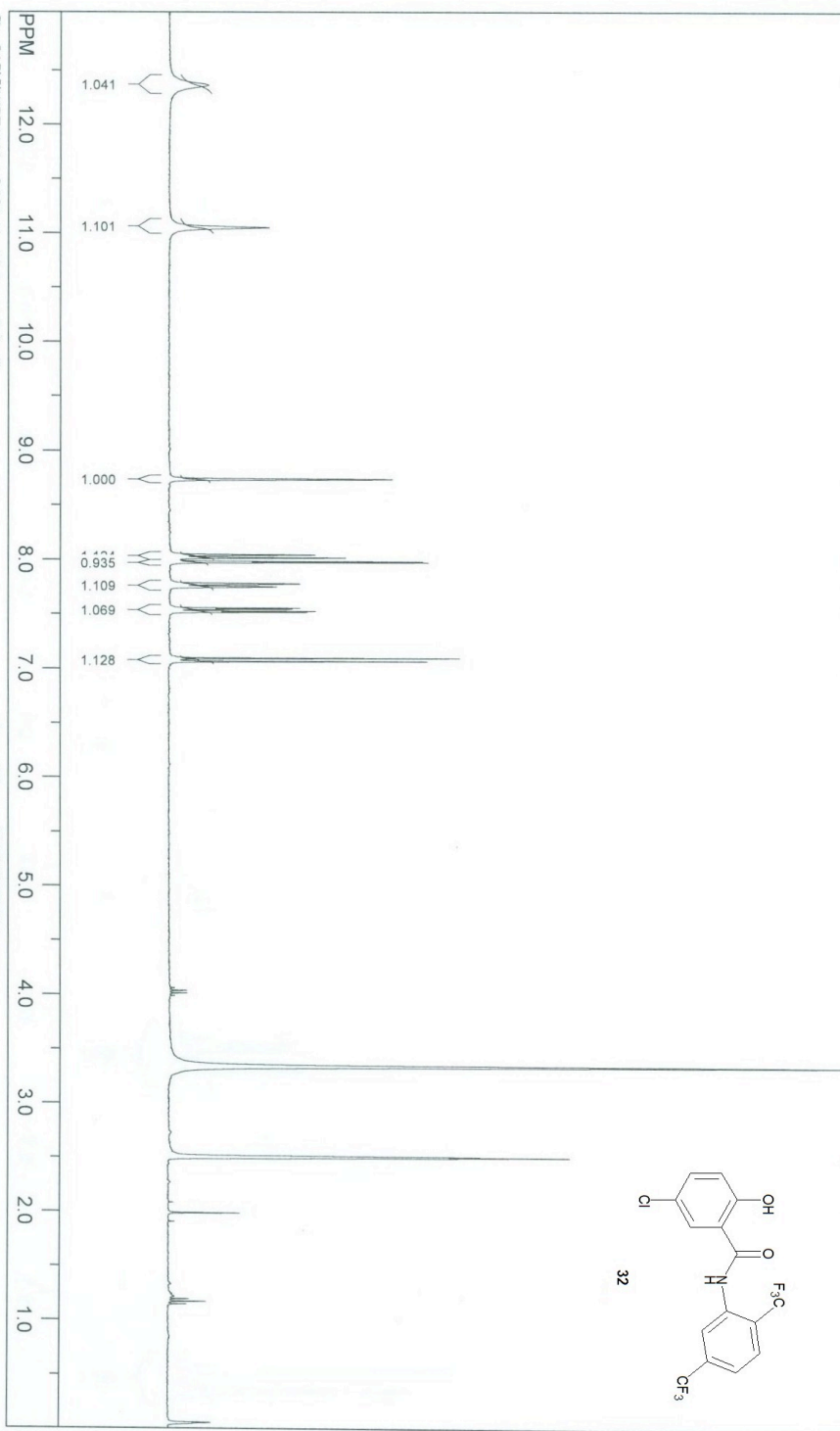
SpinWorks 2.4: KRT-1198 in CDCl3



file: C:\Users\Administrator\Desktop\KRT-1198\2\fid exp1: -zg30->
 transmitter freq.: 500.13251 MHz
 time domain size: 65536 points
 width: 7507.51 Hz = 15.011015 ppm = 0.114555 Hz/pt
 number of scans: 32

freq. of 0 ppm: 500.130000 MHz
 processed size: 32768 complex points
 LB: 0.300 GB: 0.0000
 Hz/cm: 250.120 ppm/cm: 0.50011

SpinWorks 2.4: KRT1188-1



file: C:\B\KRT1188-1.fidfid block# 1 exp: "s2pu"

transmitter freq.: 299.950076 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt

number of scans: 8

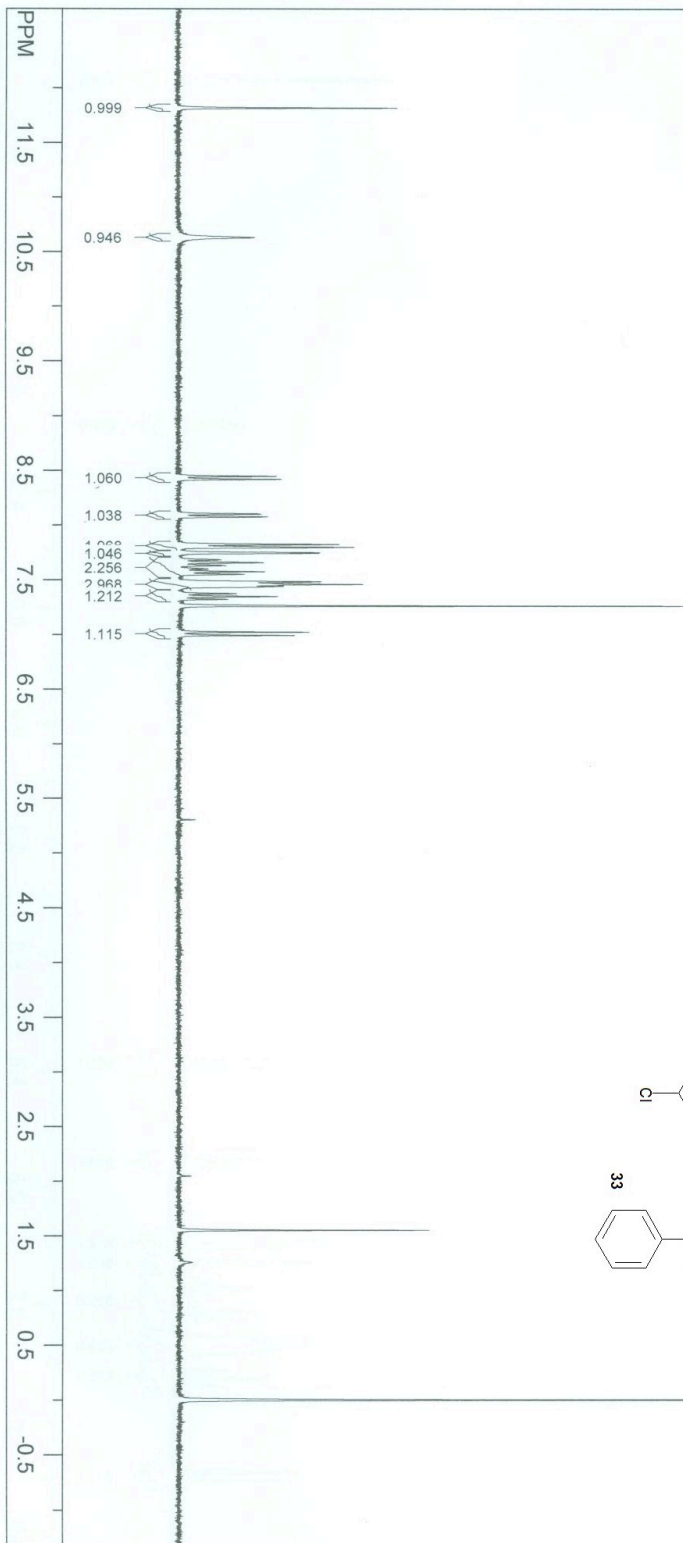
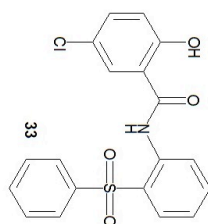
freq. of 0 ppm: 299.948279 MHz

processed size: 65536 complex points

LB: 0.200 GB: 0.0000

HZ/cm: 156.428 ppm/cm: 0.527151

SpinWorks 2.4: KRT1816-1



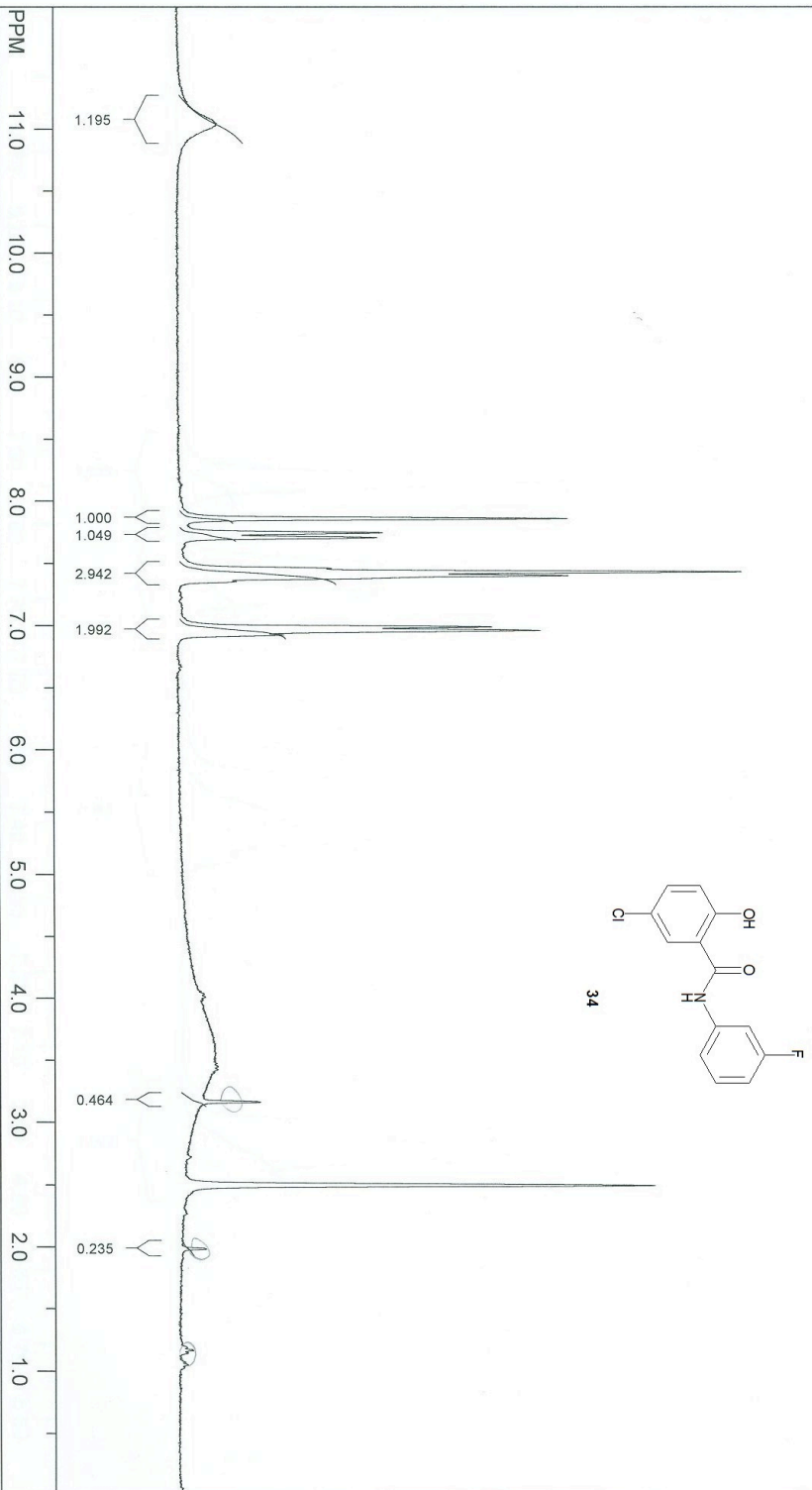
file: C:\Users\Administrator\Desktop\KRT1816-1_fid\fid block# 1 exp1: "s2pu1"
 transmitter freq.: 299.968846 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027305 ppm = 0.244070 Hz/pt
 number of scans: 8
 freq. of 0 ppm: 299.967046 MHz
 processed size: 65536 complex points
 LB: 0.000 GB: 0.0000
 Hz/cm: 169.211 ppm/cm: 0.56409

SpinWorks 2.4: KRT1166

11.0948
11.0924
11.0907
11.0894
11.0872
11.0858
11.0825
11.0790
11.0733
11.0694
11.0689
10.9967

7.8572
7.7247
7.3501
6.9213

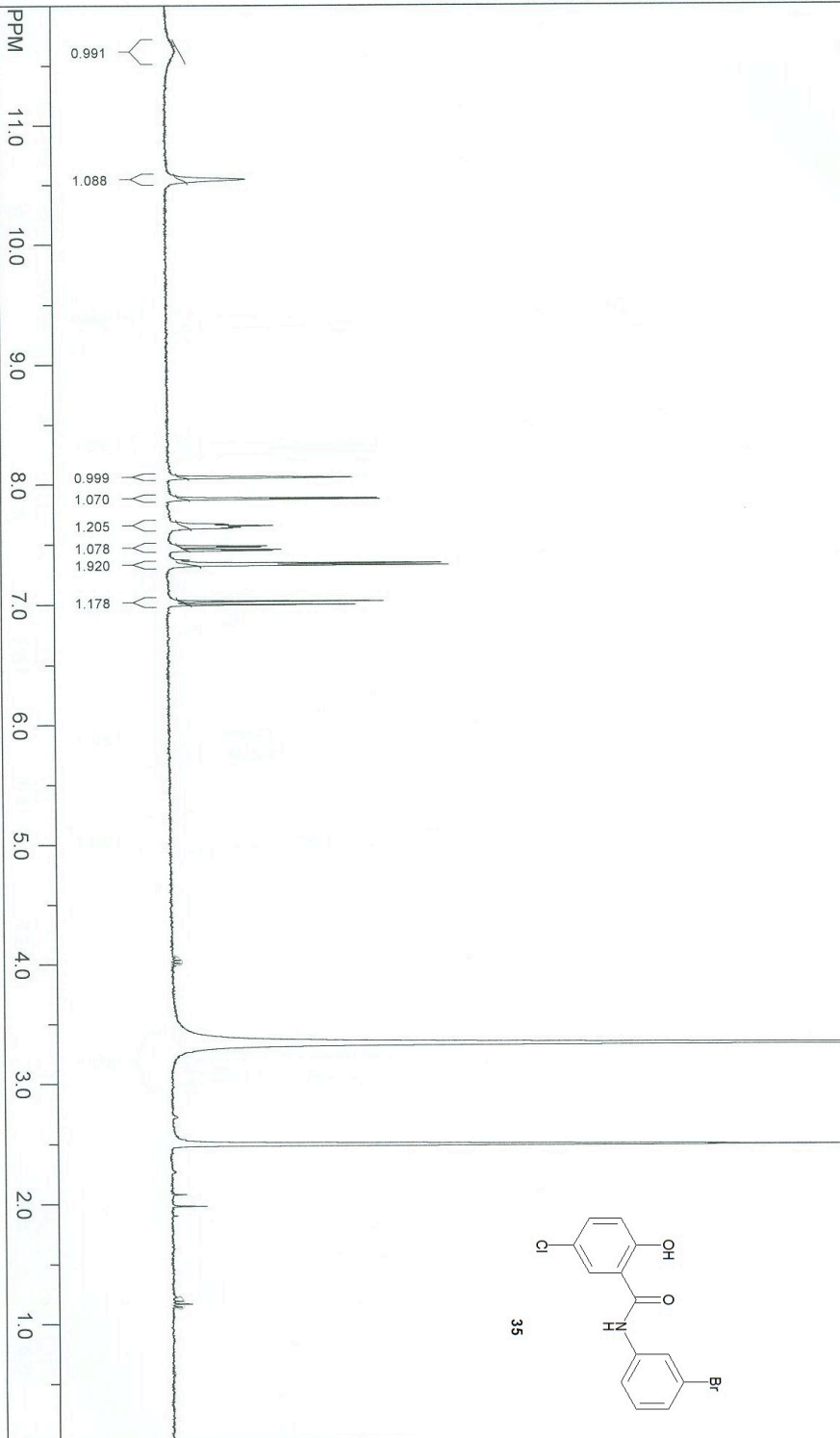
3.3889
3.3863
3.3846
3.3780
3.3758
3.3686
3.3638
3.3582
3.3545
3.3504
3.1648
2.5000



file: C:\min\KRT1166.fid\data block# 1 exp: "s2pul"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.948188 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 143.696 ppm/cm: 0.47903

SpinWorks 2.4: KRT1179



file: C:\min\KRT1179.fid\fid block# 1 expt "szpul"
 transmitter freq.: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948273 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 HZ/cm: 143.854 ppm/cm: 0.47959

SpinWorks 2.4: KRT1176

11.6030
11.6000
11.5978
11.5945
11.5913
11.5896
11.5864
11.5832

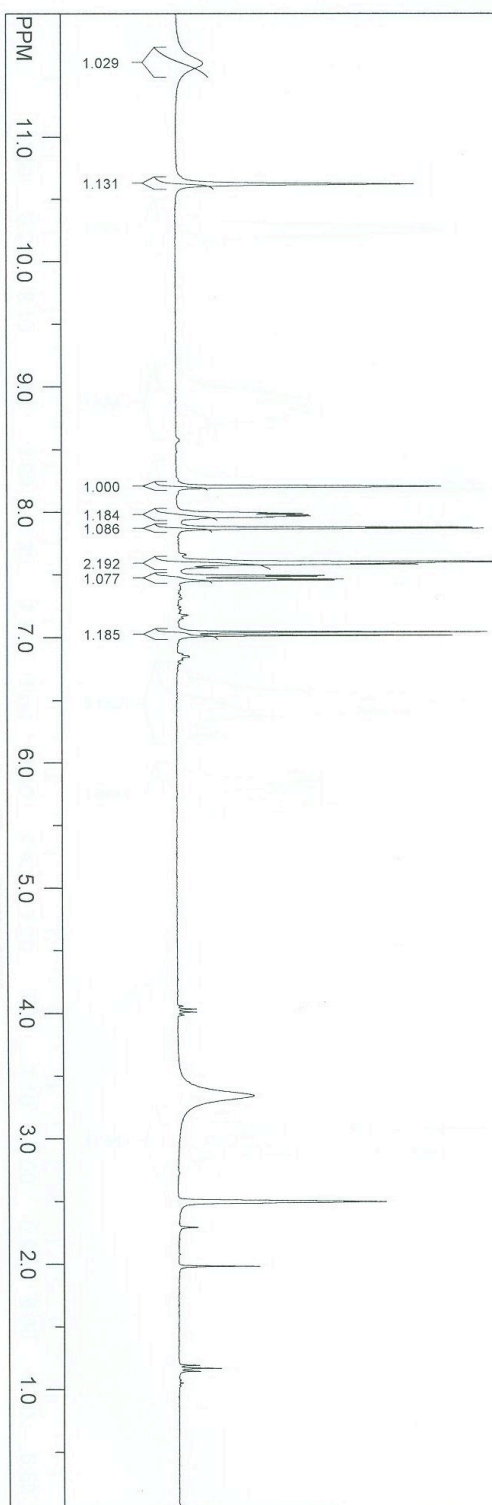
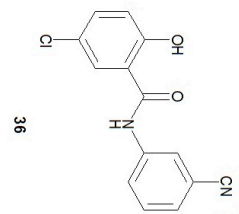
10.6212

8.2030
7.9584
7.8683
7.6222
7.5939
7.5893
7.5818
7.5561
7.4930
7.4842
7.4637
7.4549
7.0443
7.0150

3.3474
3.3456
3.3445
3.3426
3.3404
3.3362
3.2874
2.4988

1.9835

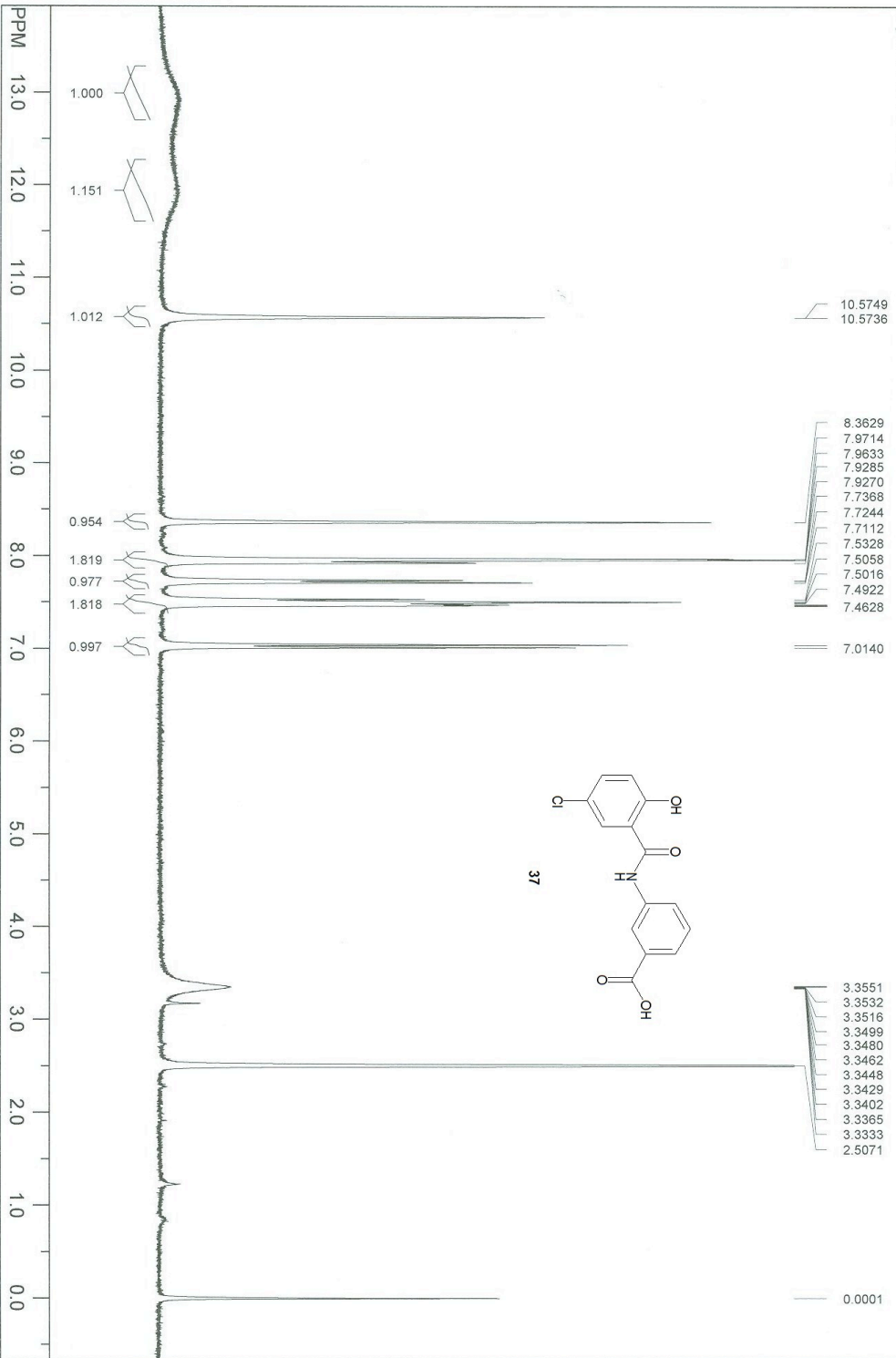
1.1682



file: E:\NMR\KRT1176\fid\fid_block#1 exp1: "s2pu1"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.948272 MHz
processed size: 65536 complex points
LB: 0.000 GB: 0.0000
Hz/cm: 143.439 ppm/cm: 0.47821

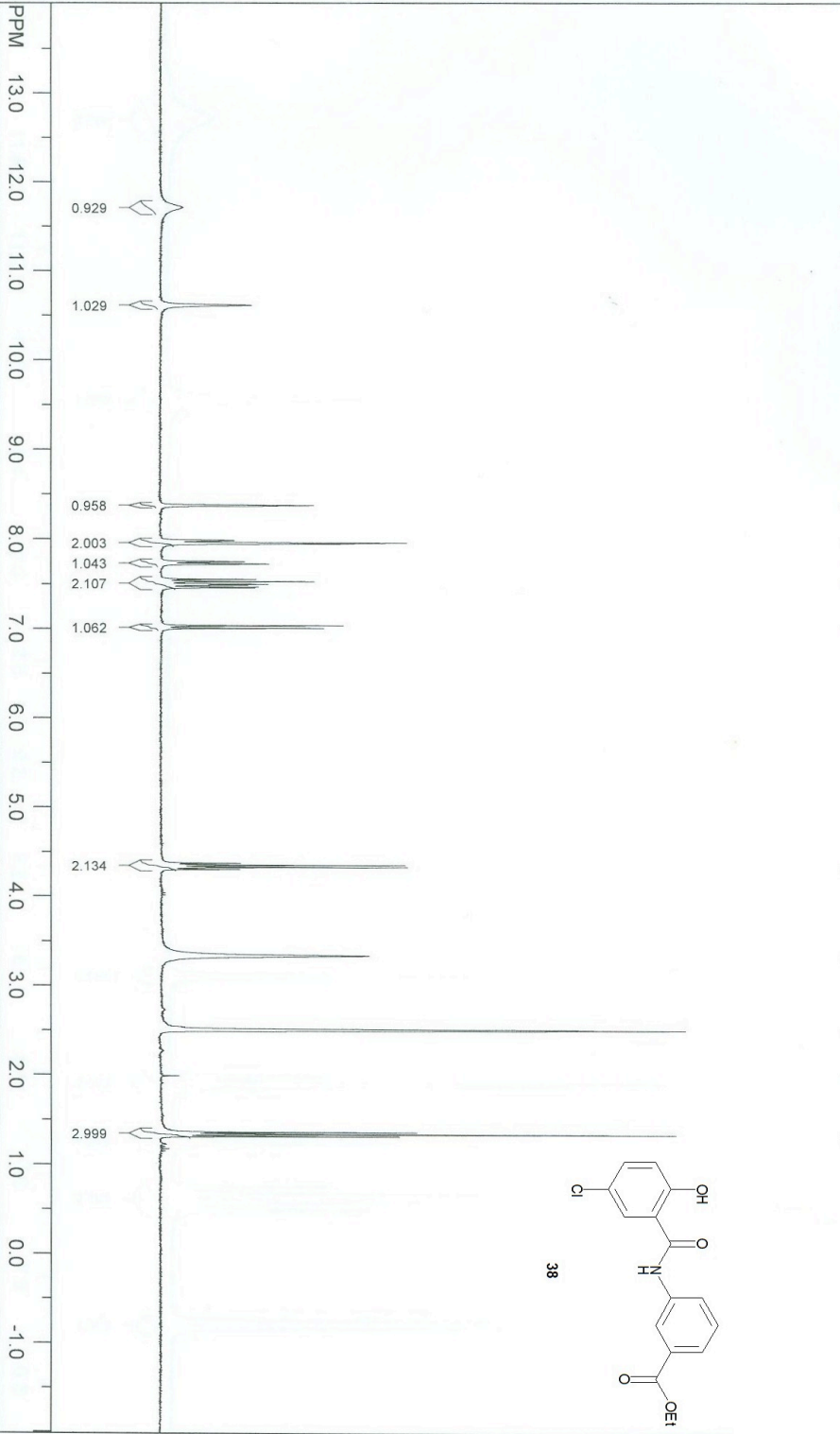
SpinWorks 2.4:



file: C:\Users\Administrator\Desktop\KRT1255.fid\fid_block# 1 exp: "s2pul"
 transmitter freq.: 299.970271 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027229 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.968468 MHz
 processed size: 65536 complex points
 LB: 0.000 GB: 0.0000
 Hz/cm: 175.236 ppm/cm: 0.58418

SpinWorks 2.4: N-308



file: D:\남보리\N-308.fid\fid block# 1 exp: "s2pu"

transmitter freq.: 299.970343 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt

number of scans: 8

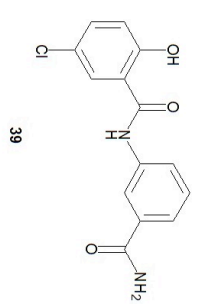
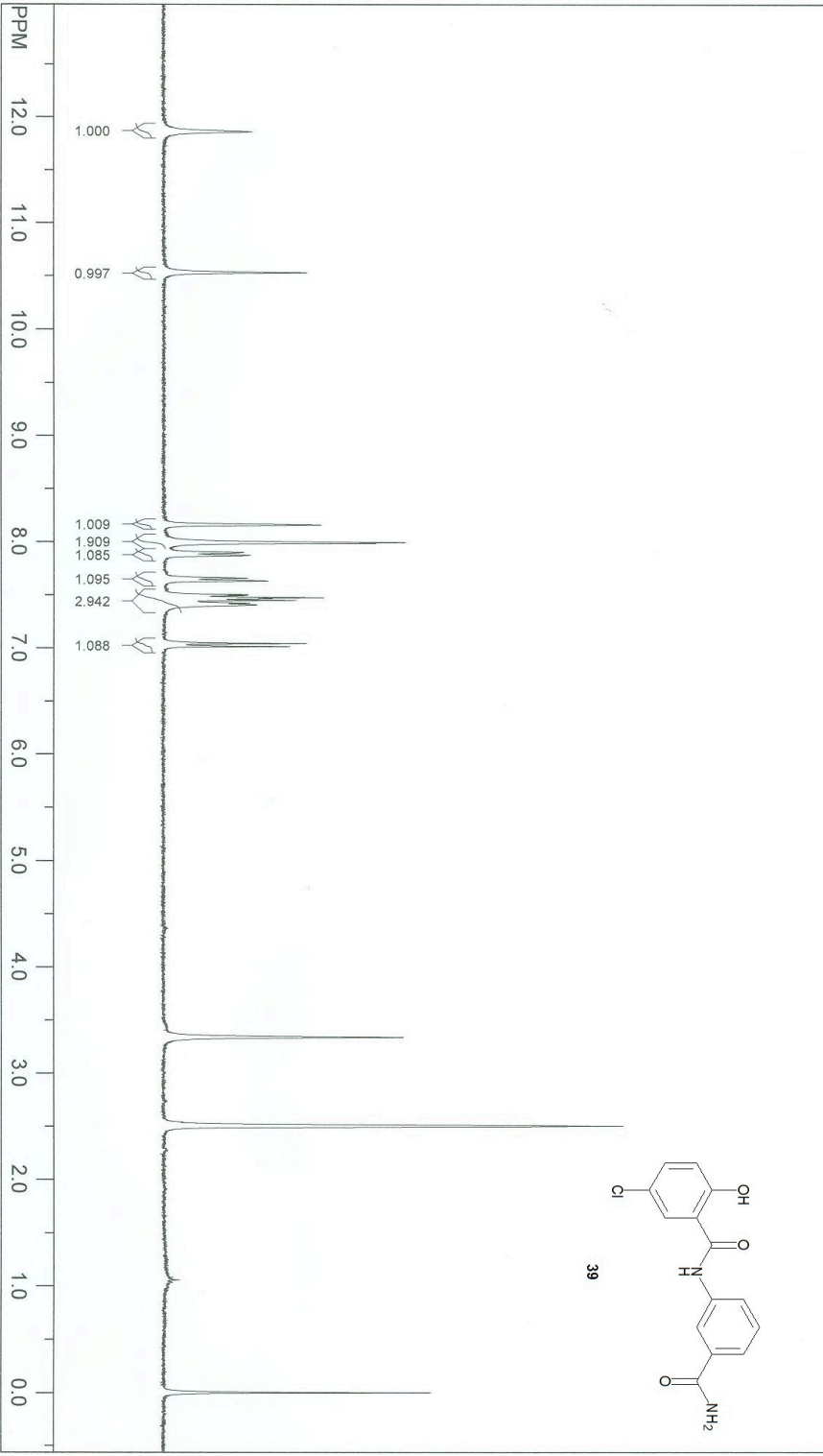
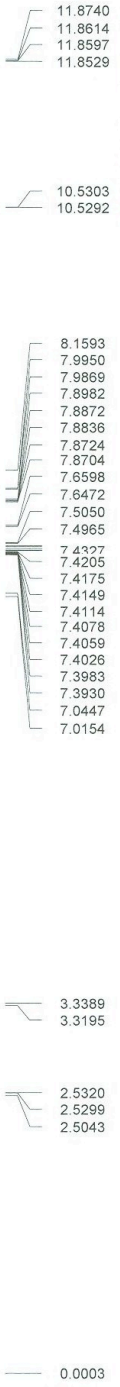
freq. of 0 ppm: 299.968544 MHz

processed size: 65536 complex points

LB: 0.200 GB: 0.0000

HZ/cm: 192.308 ppm/cm: 0.64109

SpinWorks 2.4: KRT1276



file: C:\Users\Administrator\Desktop\KRT1276.fid\fid_block# 1 exp1 "s2pu1"
 transmitter freq.: 299.970271 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027229 ppm = 0.244070 Hz/pt
 number of scans: 8
 freq. of 0 ppm: 299.969468 MHz
 processed size: 65536 complex points
 LB: 0.000 GB: 0.0000
 Hz/cm: 163.487 ppm/cm: 0.54501

KRT1841

File: Proton
Pulse Sequence: szpu1

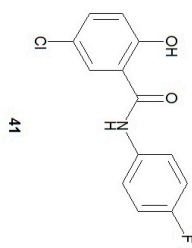
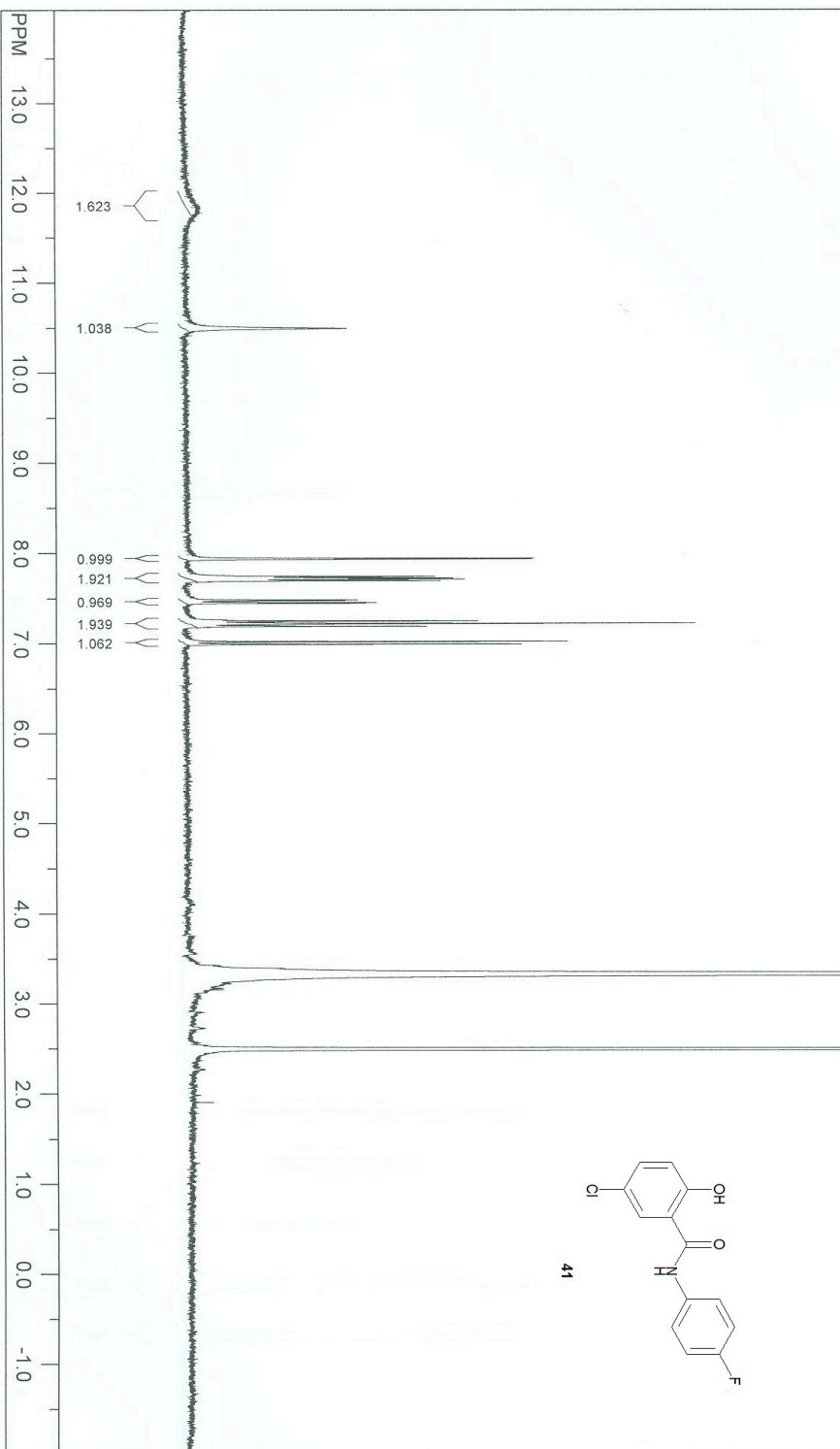


SpinWorks 2.4: KRT1165

11.8596
11.8392
11.8339
11.8243
11.8218
11.7997
11.7865
11.7788
10.5358
10.5323
10.5303
10.5285
10.5270
10.5188
10.5139
10.4680

7.9312
7.6837
7.4395
7.1778
6.9913

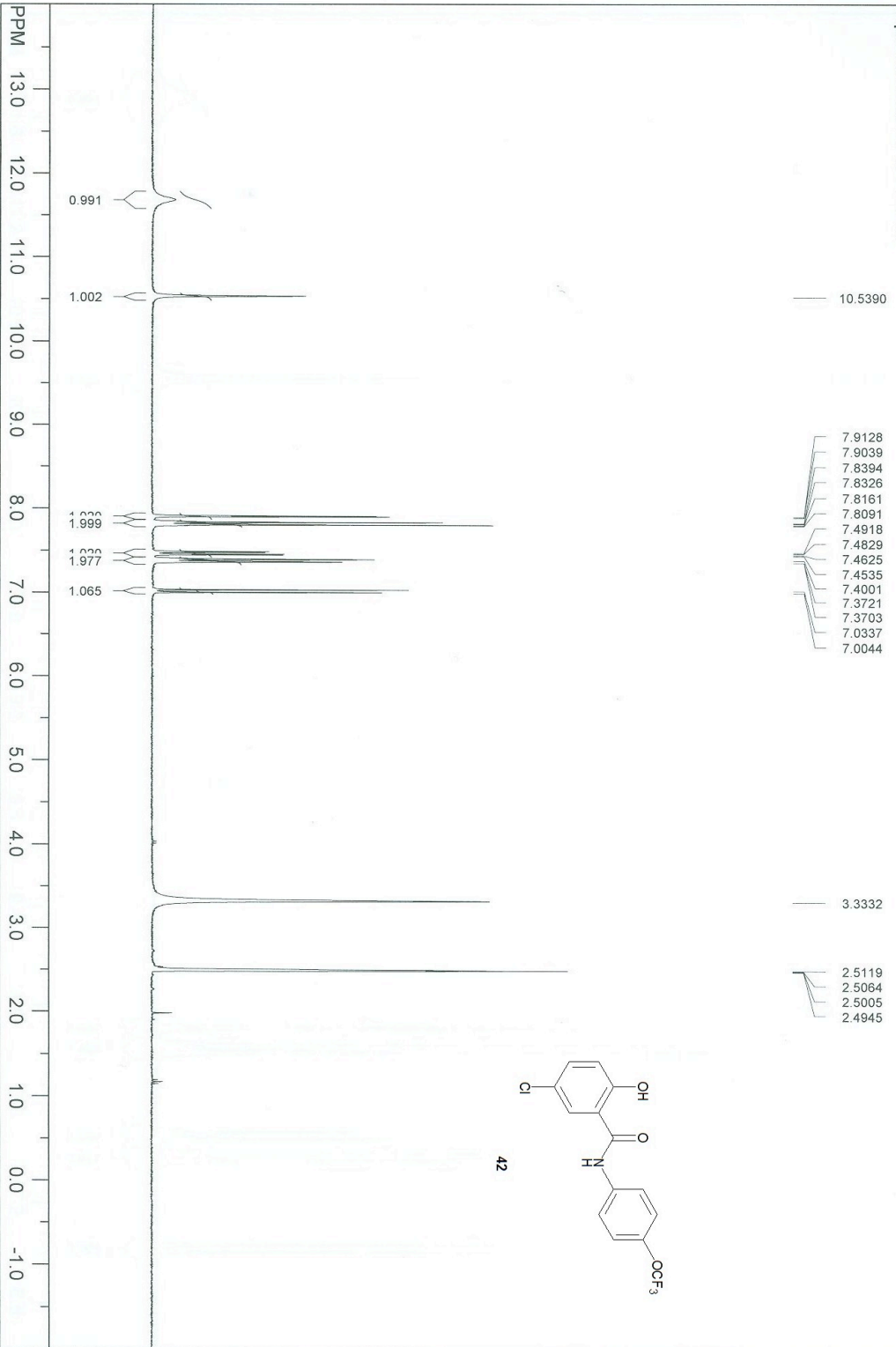
3.1229
2.9023
2.7209
2.4457
2.4375
2.4328
2.4296
2.2772
2.2752
2.2721
2.2699
2.2682
2.2650
2.2636
1.9093



file: C:\min\KRT1165.fid\fid block# 1 exp: "s2pu"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.948289 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
HZ/cm: 192.308 ppm/cm: 0.64113

SpinWorks 2.4: N-340



file: C:\Documents and Settings\한국화학연구원\바탕 화면\NMR-bora\N-340.fid fid block# 1 exp1: "s2pu" freq: of 0 ppm: 299.968543 MHz
transmitter freq: 299.970343 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
number of scans: 8

processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 192.308 ppm/cm: 0.64109

SpinWorks 2.4: KRT1180

10.8328
10.8313
10.8279
10.8249



7.9306
7.9017
7.8452
7.8235
7.8159
7.4745
7.4660
7.4454
7.4367



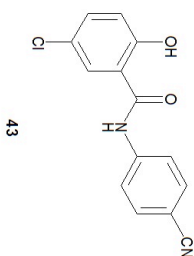
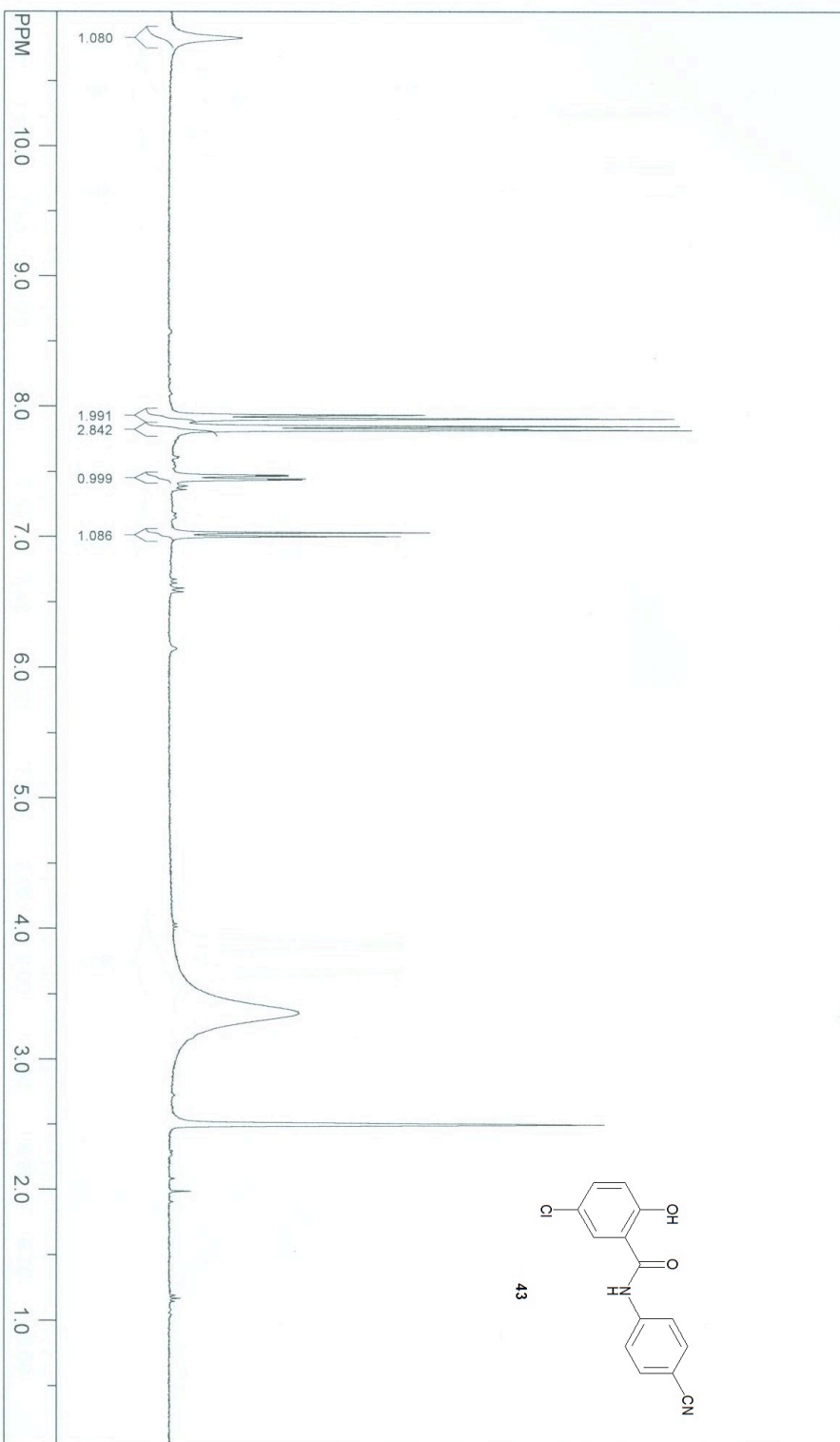
7.0298
7.0005



3.4761
3.4741
3.4716
3.4679
3.4658
3.4617
3.4596
3.4579



3.2859
3.2821
3.2784
3.2769
3.2712
3.2693
3.2644
3.2596
3.2554
3.2535
3.2498
2.5000

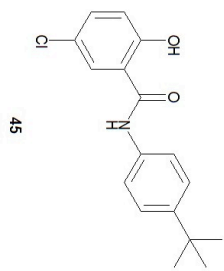
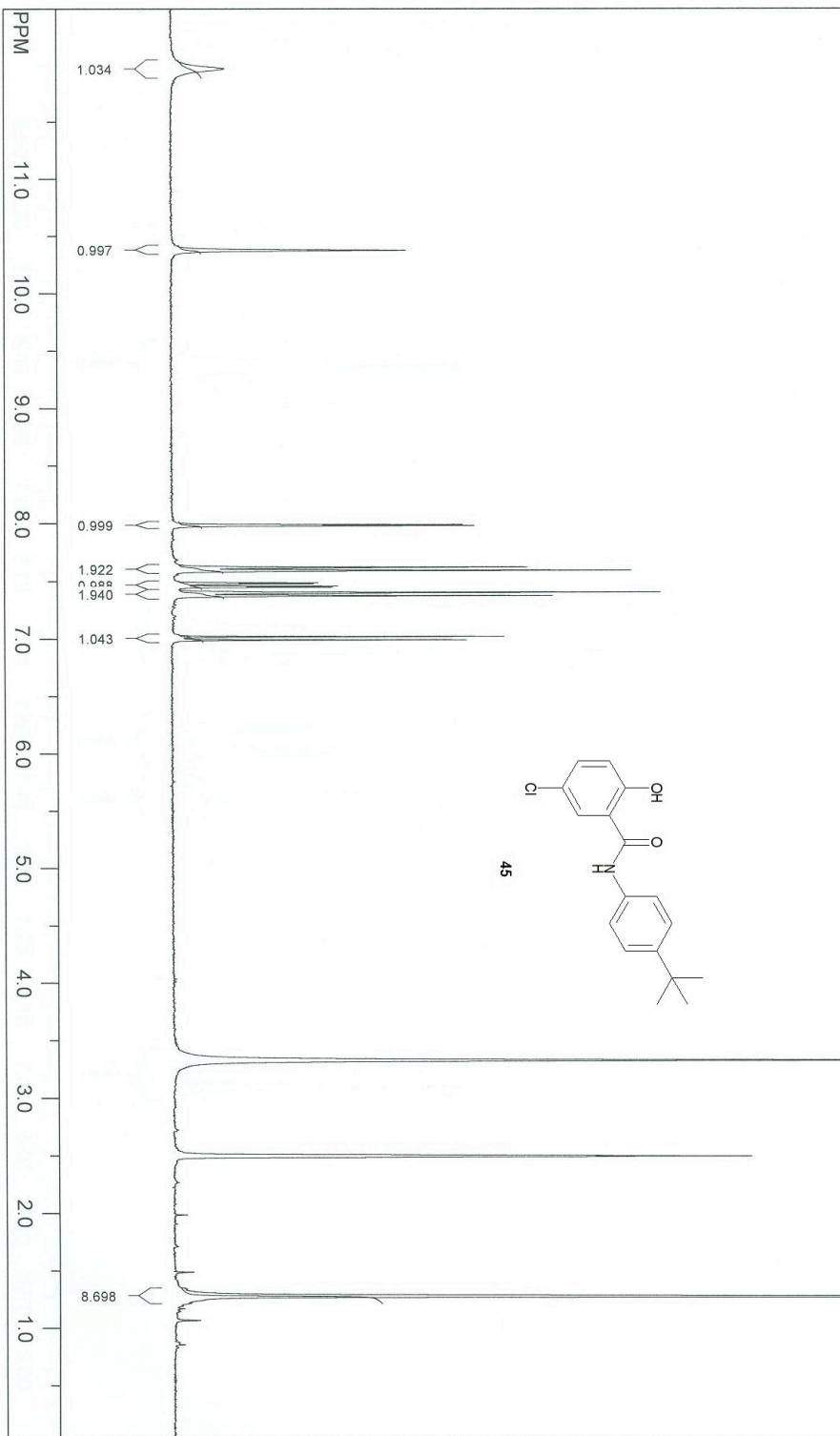


file: E:\바탕\KRT1180.fid\fid block# 1 expt: "s2pu"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pi
number of scans: 8

freq. of 0 ppm: 299.948273 MHz
processed size: 65536 complex points
LB: 0.000 GB: 0.0000
Hz/cm: 132.278 ppm/cm: 0.44100

SpinWorks 2.4: KRT1174

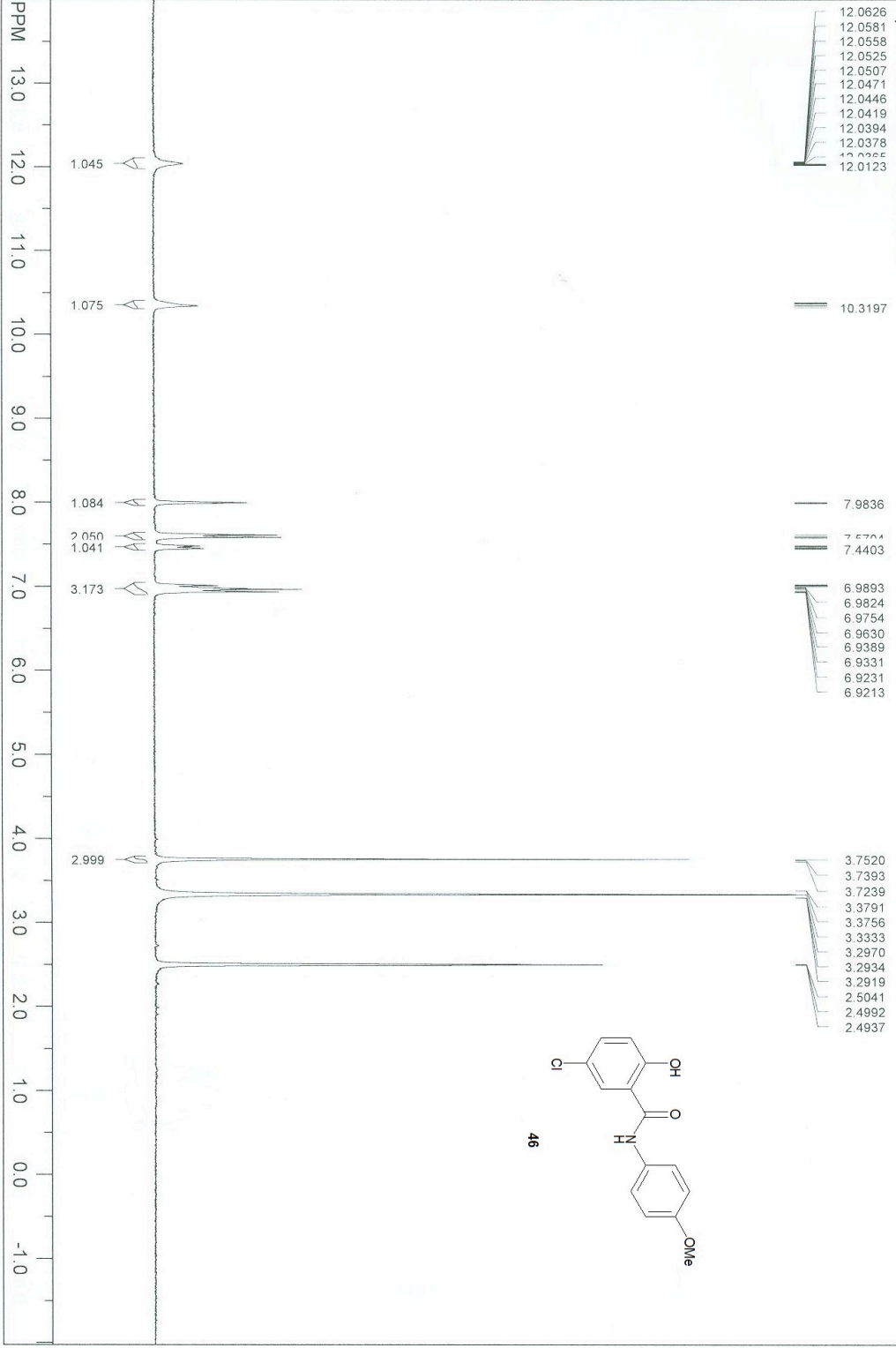
- 11.9677
- 11.9661
- 11.9645
- 11.9621
- 11.9597
- 11.9562
- 10.3757
- 7.9889
- 7.9802
- 7.6210
- 7.5922
- 7.4869
- 7.4782
- 7.4577
- 7.4489
- 7.4021
- 7.3733
- 7.0192
- 6.9898



file: C:\p1\KRT1174.fid\td block# 1 exp: 'szpu'
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.948273 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
HZ/cm: 149.554 ppm/cm: 0.49860

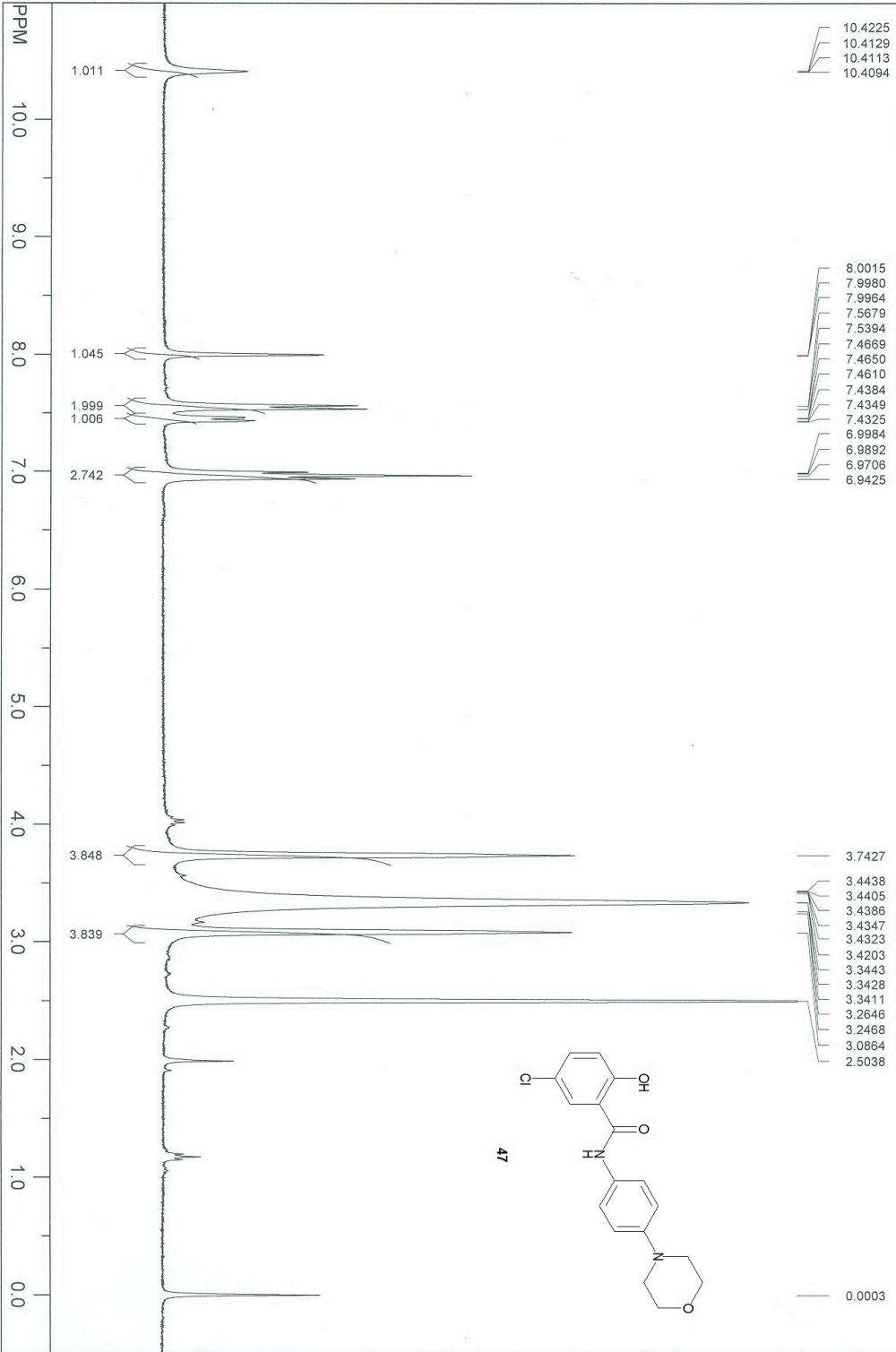
SpinWorks 2.4: KRT1043



file: E:\민환\KRT1043\fid\fid_block# 1 exp: "szpu"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.9448280 MHz
processed size: 65536 complex points
LB: 0.000 GB: 0.0000
Hz/cm: 192.308 ppm/cm: 0.64113

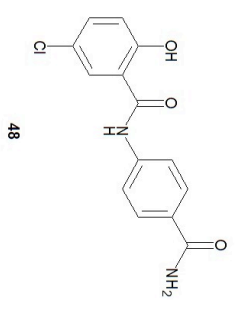
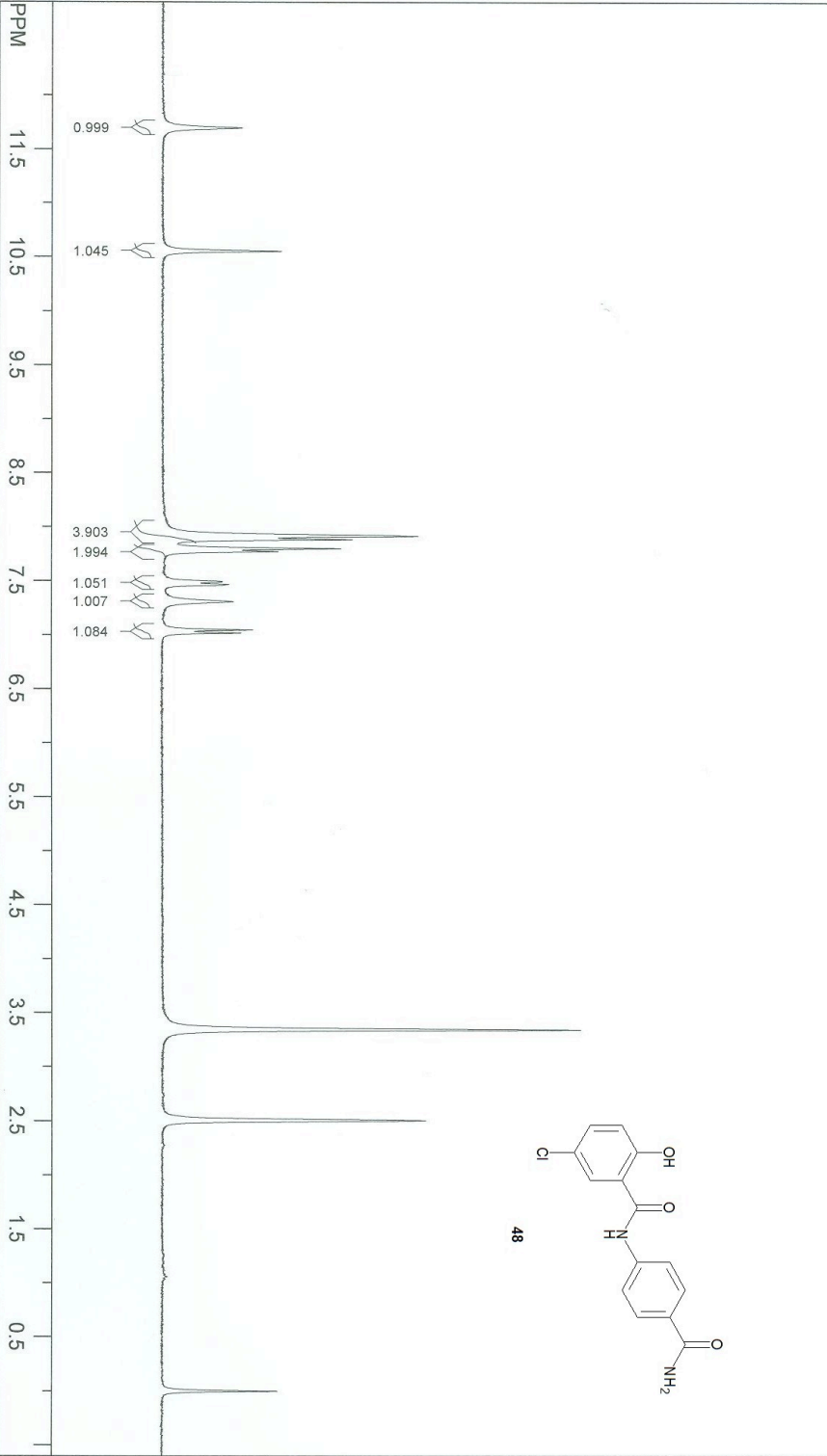
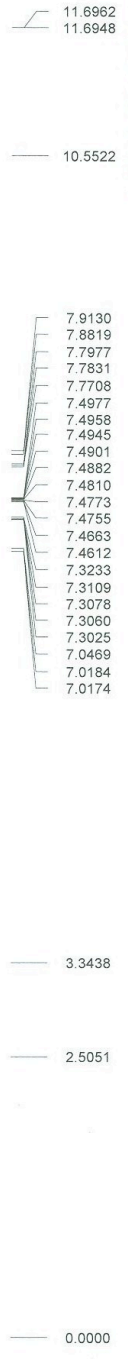
SpinWorks 2.4: KRT1264-DMSO



file: C:\Users\윤민환\Desktop\KRT1264-DMSO-121006.fid
transmitter freq.: 299.970271 MHz
time domain size: 13698 points
width: 4807.69 Hz = 16.027229 ppm = 0.244070 Hz/pt
number of scans: 64

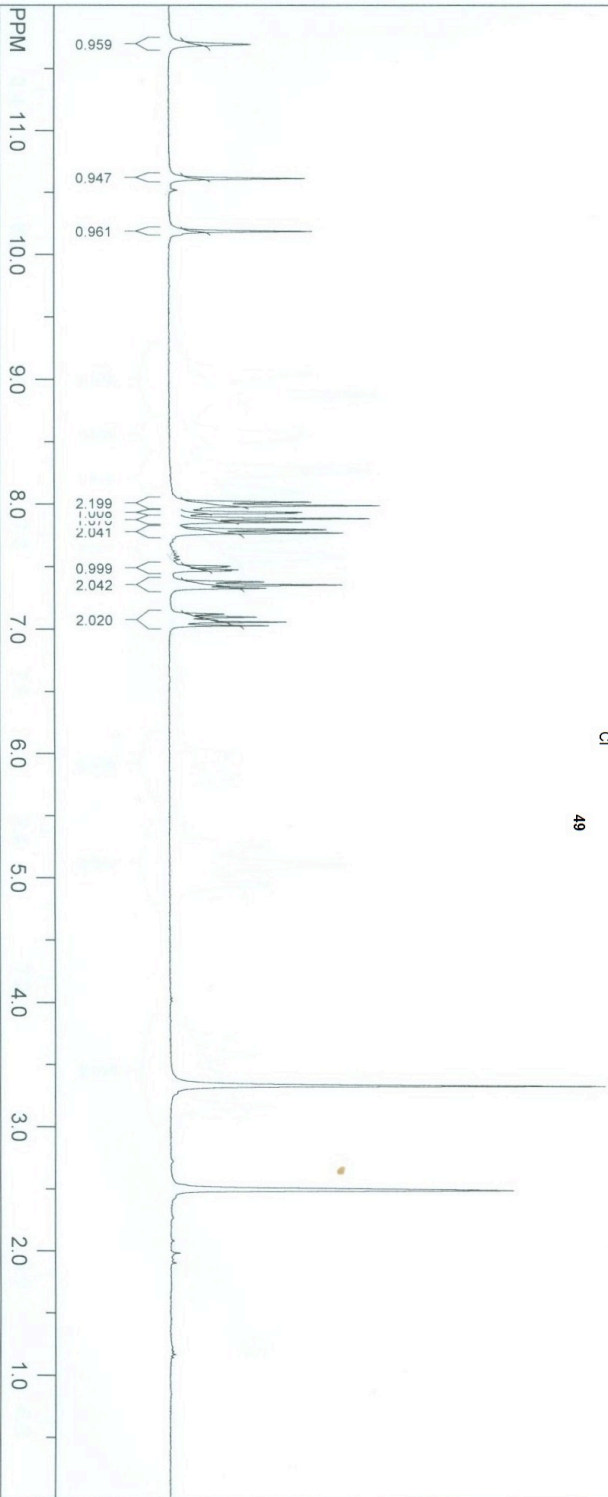
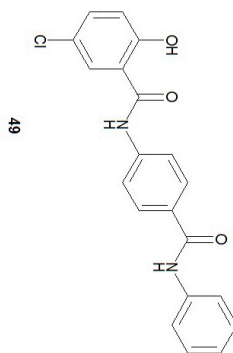
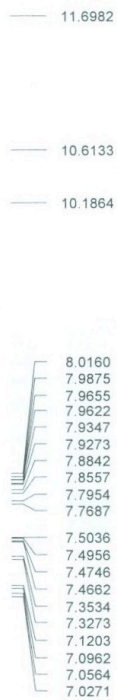
freq. of 0 ppm: 299.968470 MHz
processed size: 65536 complex points
LB: 0.000 GB: 0.0000
Hz/cm: 137.878 ppm/cm: 0.45964

SpinWorks 2.4: KRT1277



file: C:\Users\Administrator\Desktop\KRT1277.fid\tdi block# 1 exp1: "s2pul"
 transmitter freq.: 299.970271 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027229 ppm = 0.244070 Hz/pt
 number of scans: 8
 freq. of 0 ppm: 299.968470 MHz
 processed size: 65536 complex points
 LB: 0.000 GB: 0.0000
 Hz/cm: 161.579 ppm/cm: 0.53985

SpinWorks 2.4: 0615-2

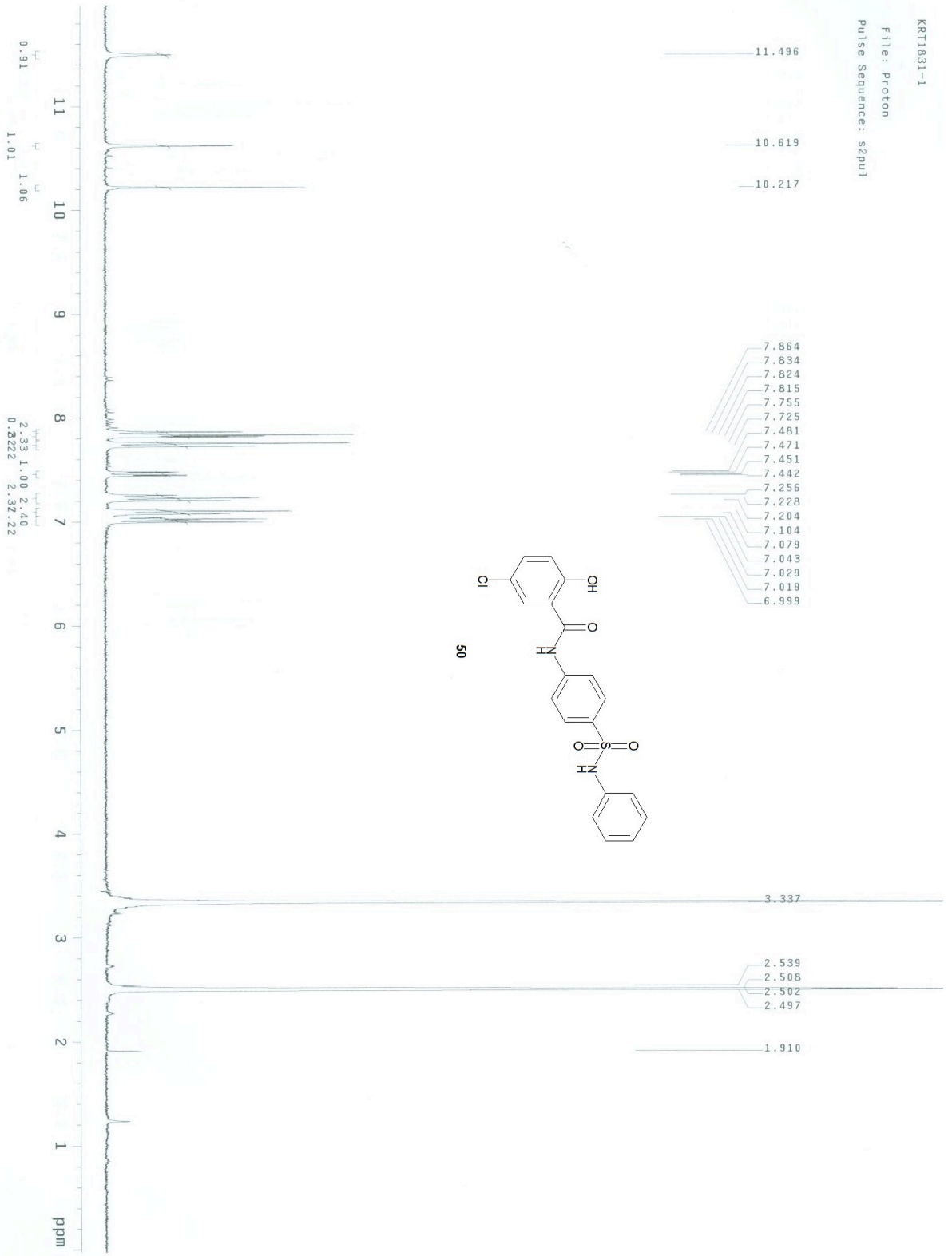


file: C:\1\0615-2.fid\fid block# 1 expt: "szpu"
 transmitter freq.: 299.970343 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8

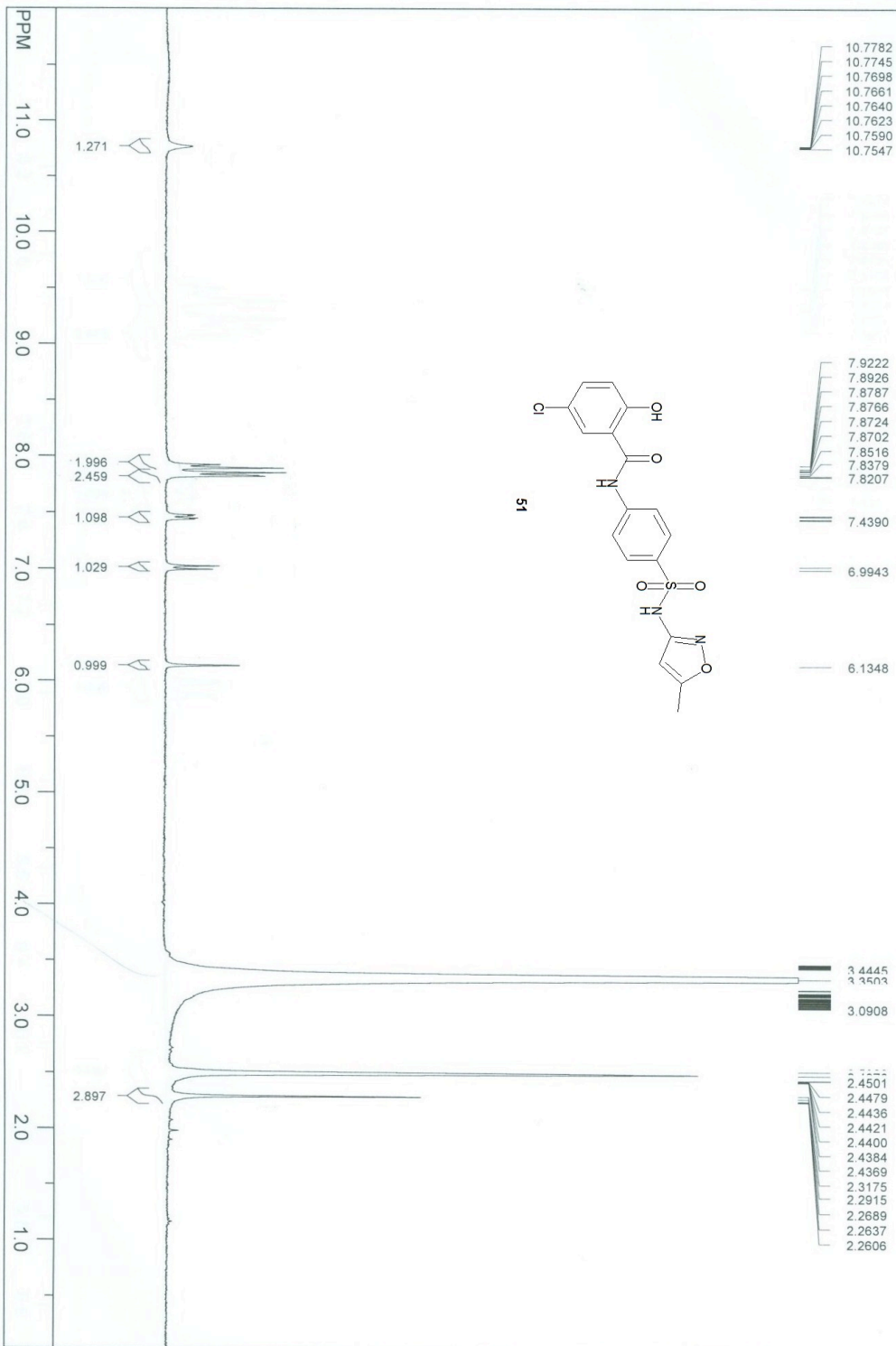
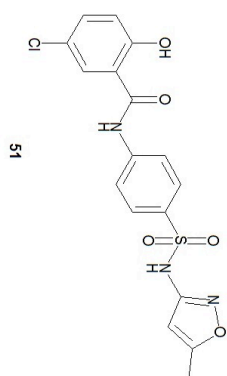
freq. of 0 ppm: 299.968544 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 144.189 ppm/cm: 0.48068

KR1831-1

File: Proton
Pulse Sequence: s2pu1



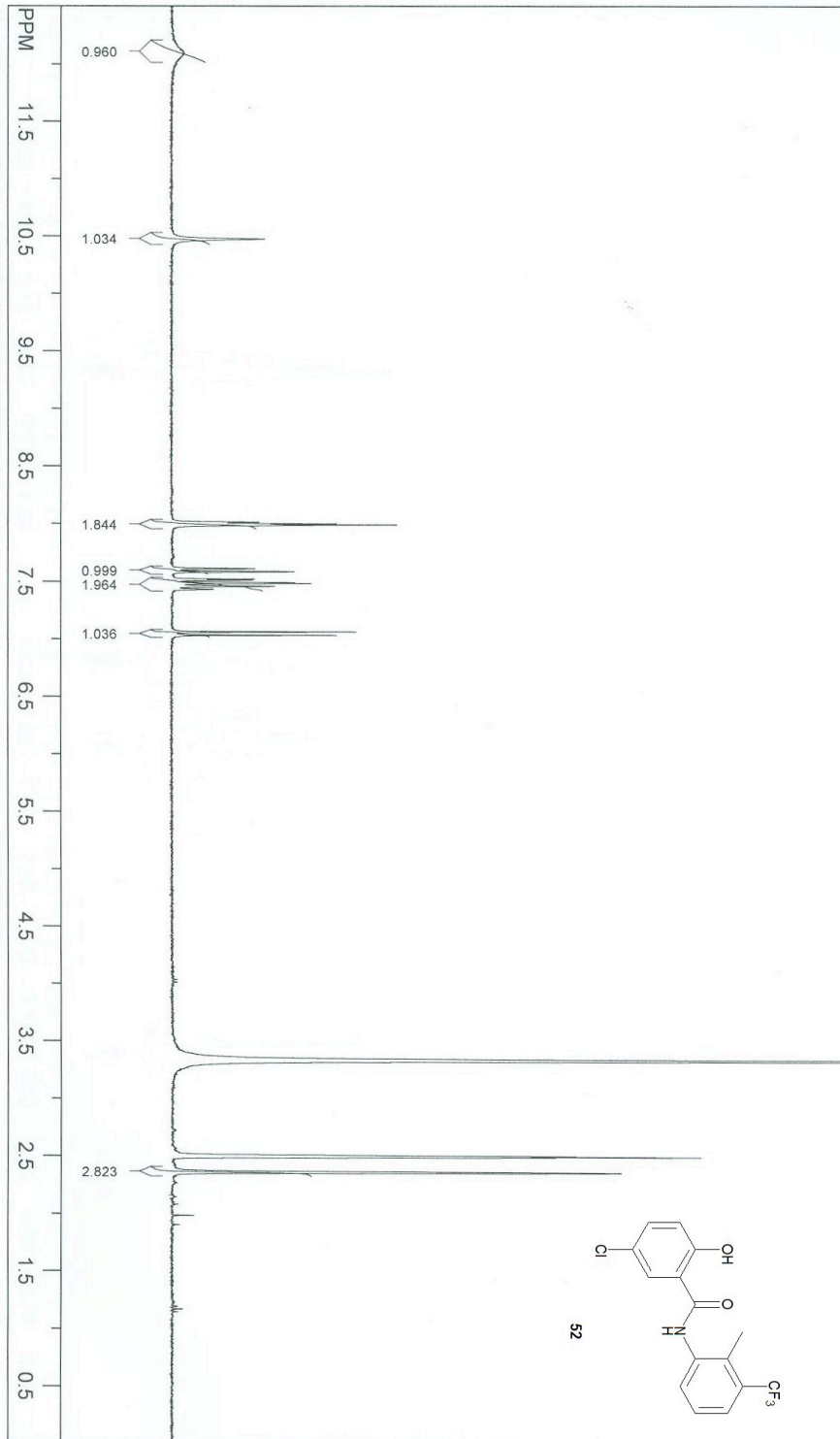
SpinWorks 2.4: KRT1826



file: D:\민환\민환\NMR\Run\KRT1826\fid\fid_block# 1 exp1 "s2pul"
 transmitter freq.: 299.970343 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.968545 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 143.741 ppm/cm: 0.47918

SpinWorks 2.4: KRT1187



file: C:\Documents and Settings\김영준\104호\네임 화면\검경화\8.fid\fid block# 1 exp: "s2pu"

transmitter freq.: 299.950076 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt

number of scans: 8

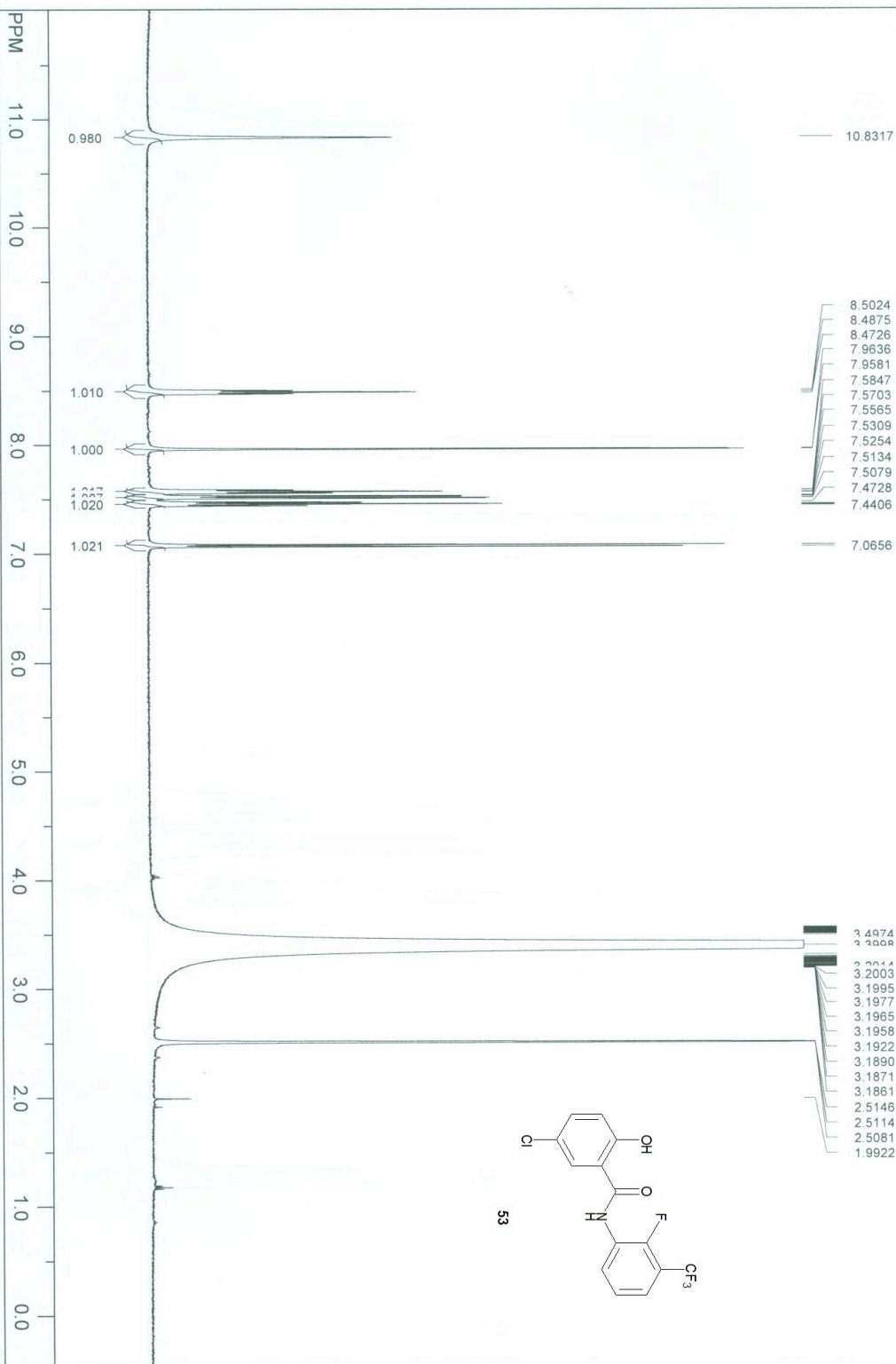
freq. of 0 ppm: 299.948275 MHz

processed size: 65536 complex points

LB: 0.000 GB: 0.0000

HZ/cm: 150.075 ppm/cm: 0.50033

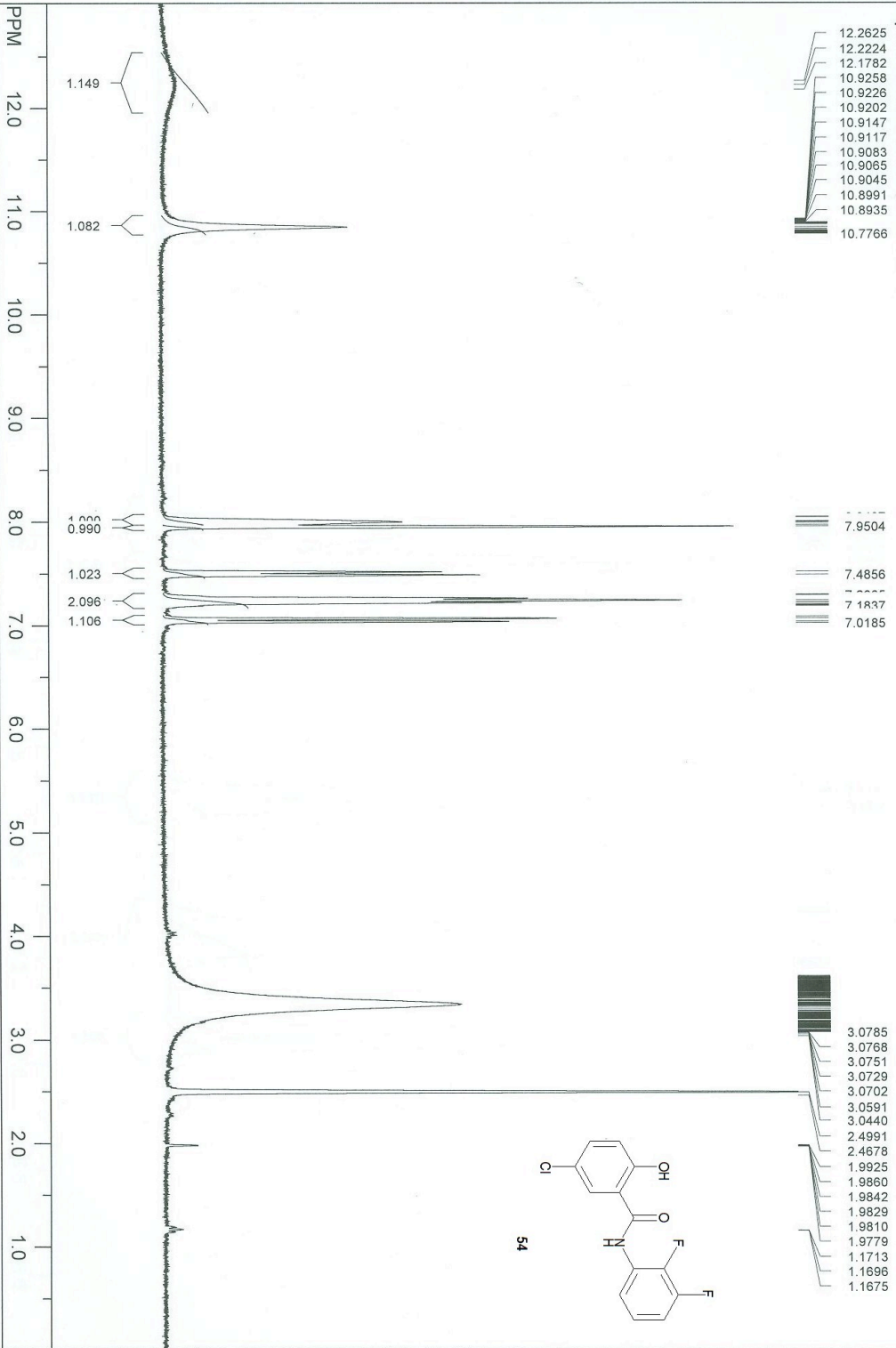
SpinWorks 2.4: KRT-1843 in DMSO



file: C:\Users\Administrator\Desktop\KRT-1843\2\fid exp1 <zg30>
 transmitter freq.: 500.133251 MHz
 time domain size: 65536 points
 width: 7507.51 Hz = 15.011015 ppm = 0.114555 Hz/pt
 number of scans: 16

freq. of 0 ppm: 500.130000 MHz
 processed size: 32768 complex points
 LB: 0.300 GB: 0.0000
 Hz/cm: 250.433 ppm/cm: 0.50073

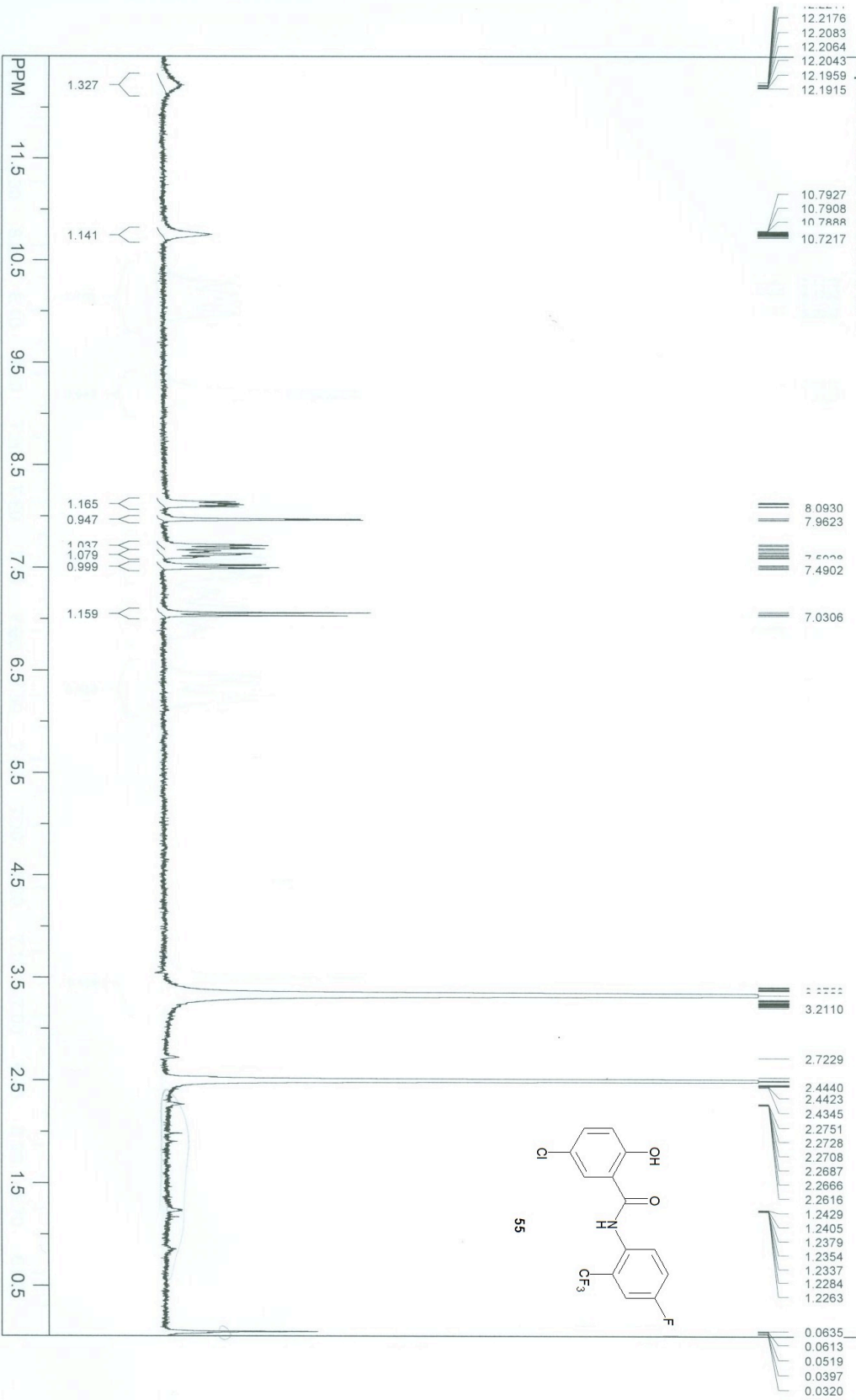
SpinWorks 2.4: KRT1162-1



file: C:\man\KRT1162-1.fid\fid block# 1 expt: "szpu"
 transmitter freq.: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948190 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 156.093 ppm/cm: 0.52040

SpinWorks 2.4: KRT1812-1



file: C:\min\KRT1812-1.fid\fid block# 1 exp: "s2pu"

transmitter freq.: 299.970343 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt

number of scans: 8

freq. of 0 ppm: 299.968544 MHz

processed size: 65536 complex points

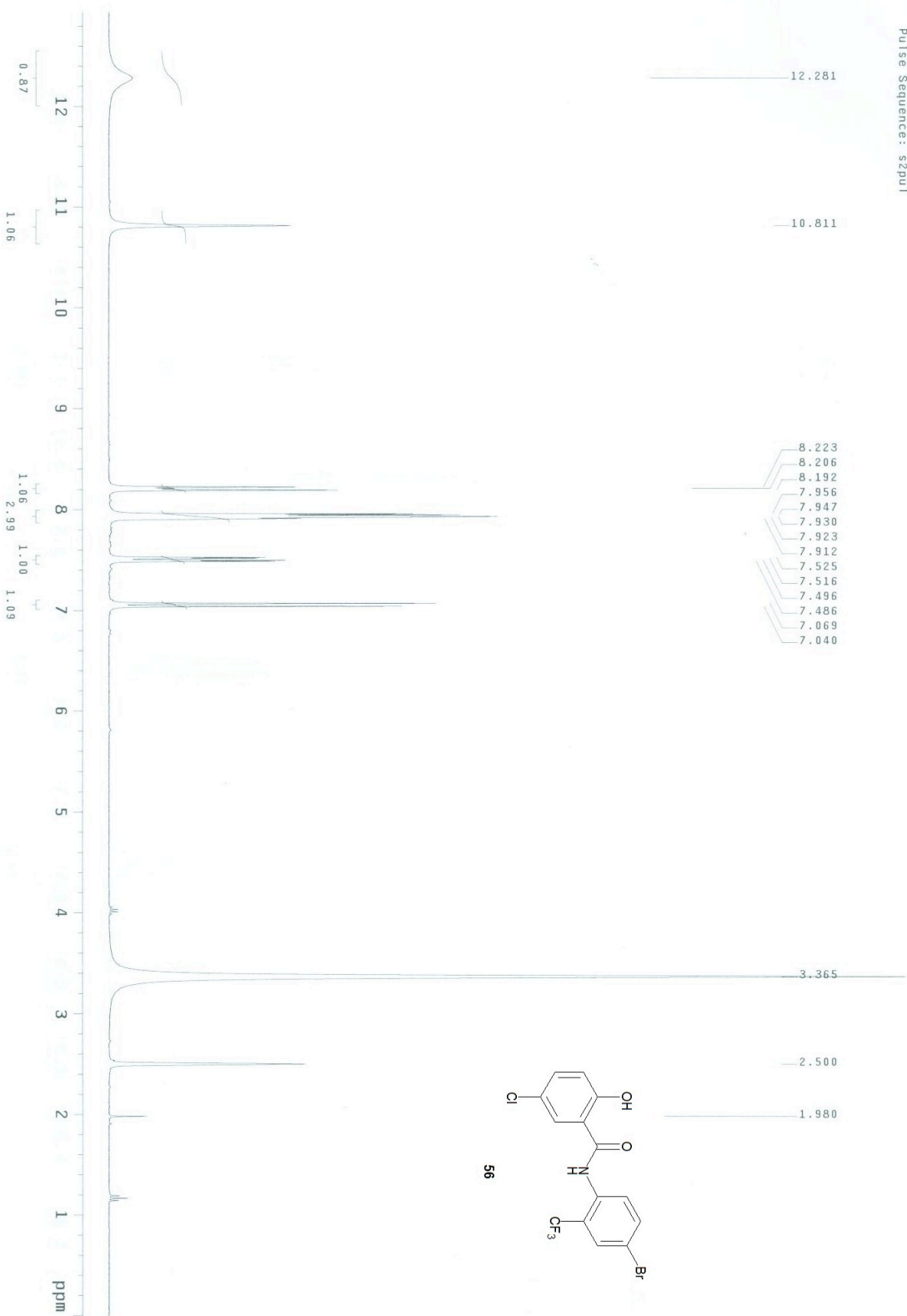
LB: 0.200 GB: 0.0000

HZ/cm: 149.889 ppm/cm: 0.49868

KR11816-1

File: Proton

Pulse Sequence: szpu1



SpinWorks 2.4: N-331

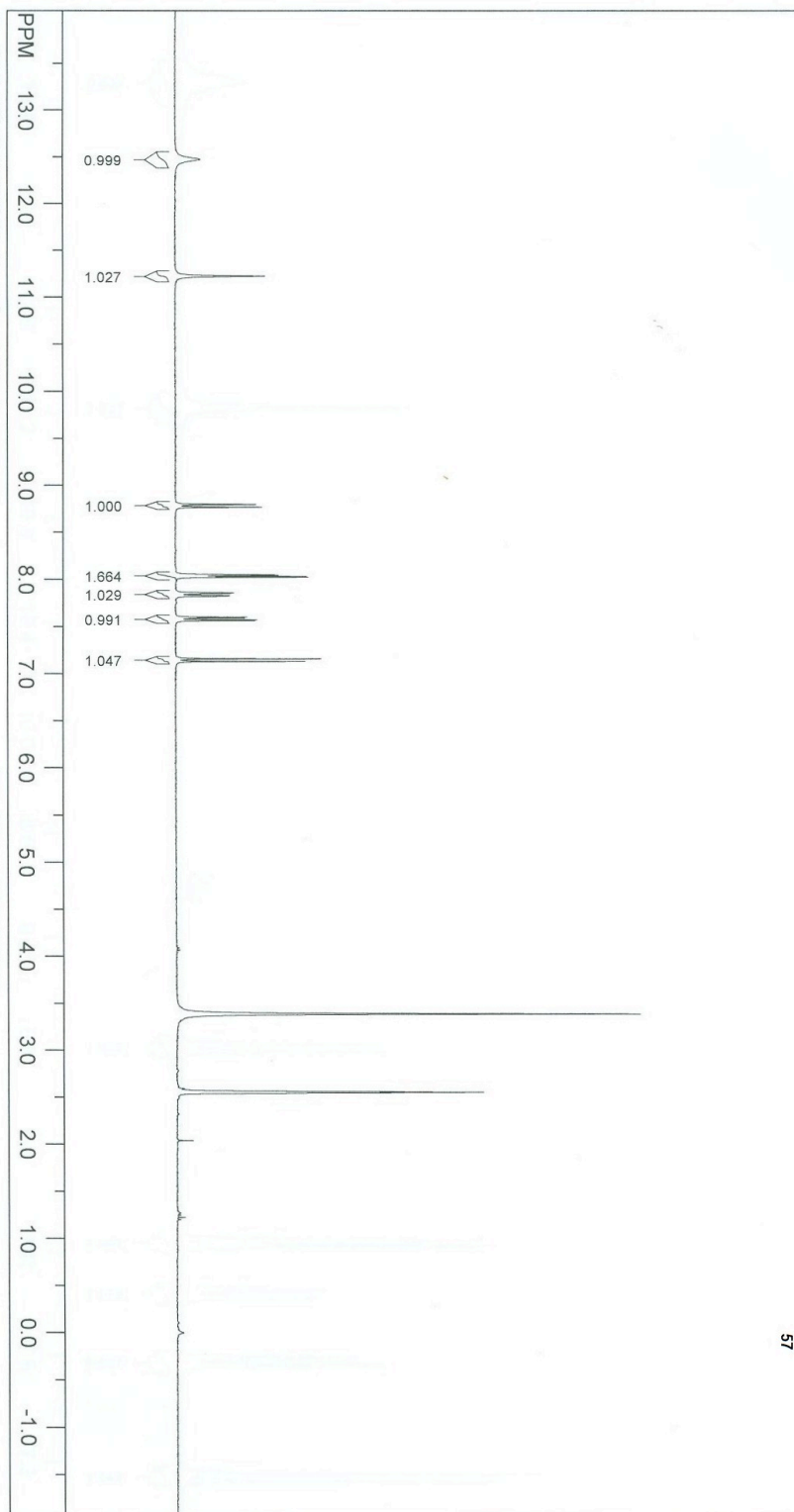
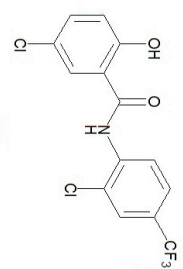
12.4774
12.4757
12.4736
12.4721
12.4687
12.4654
12.4636

11.2222

8.7929
8.7642
8.0468
8.0422
8.0294
8.0201
7.8563
7.8510
7.8271
7.8221
7.5999
7.5904
7.5707
7.5612
7.1568
7.1276

3.3856

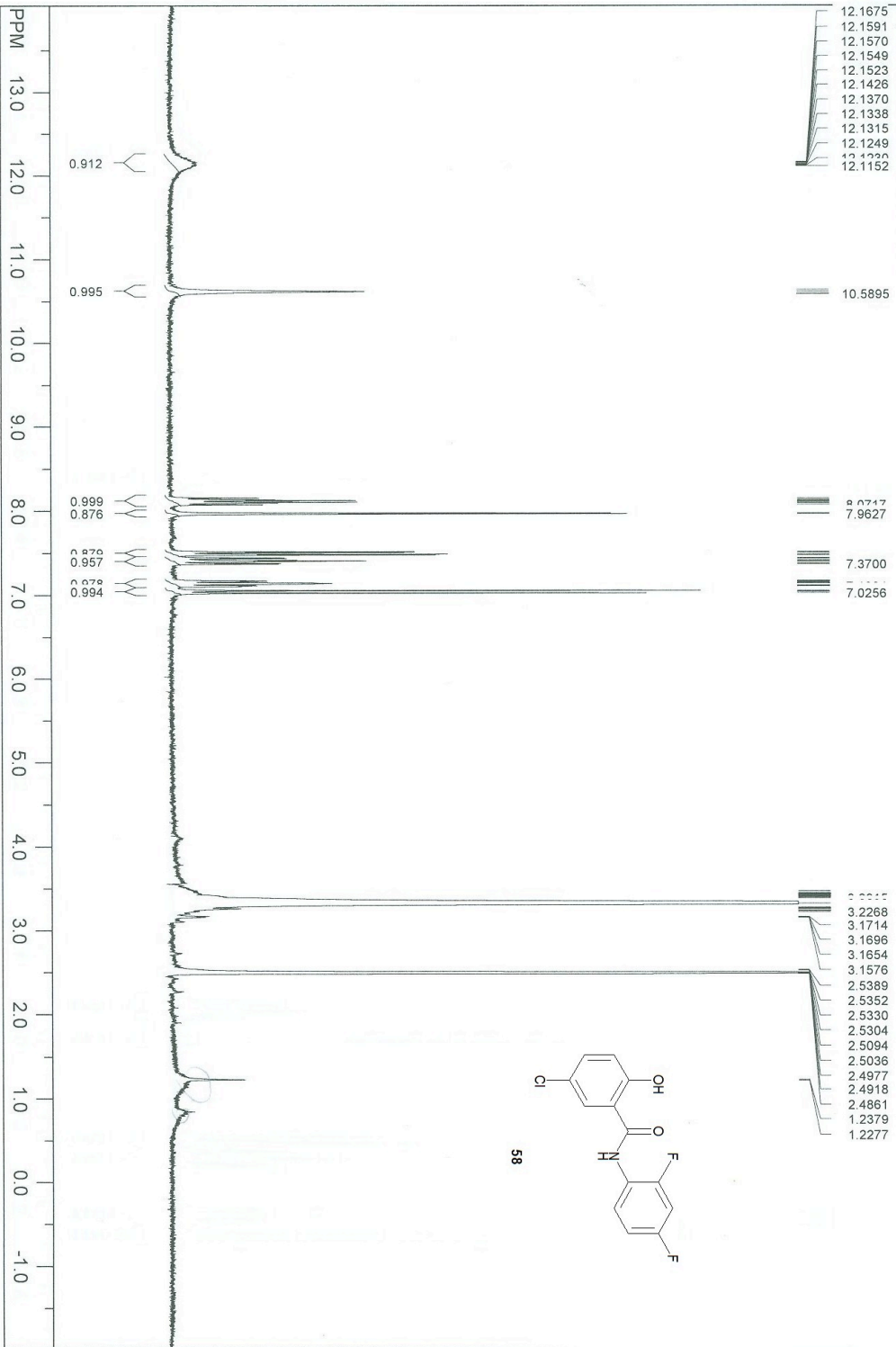
2.5632
2.5576
2.5517
2.5458



file: D:\남보리\NMR\N-331.fid\fid block# 1 exp1: "s2pu1"
transmitter freq.: 299.970343 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.968529 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 192.308 ppm/cm: 0.64109

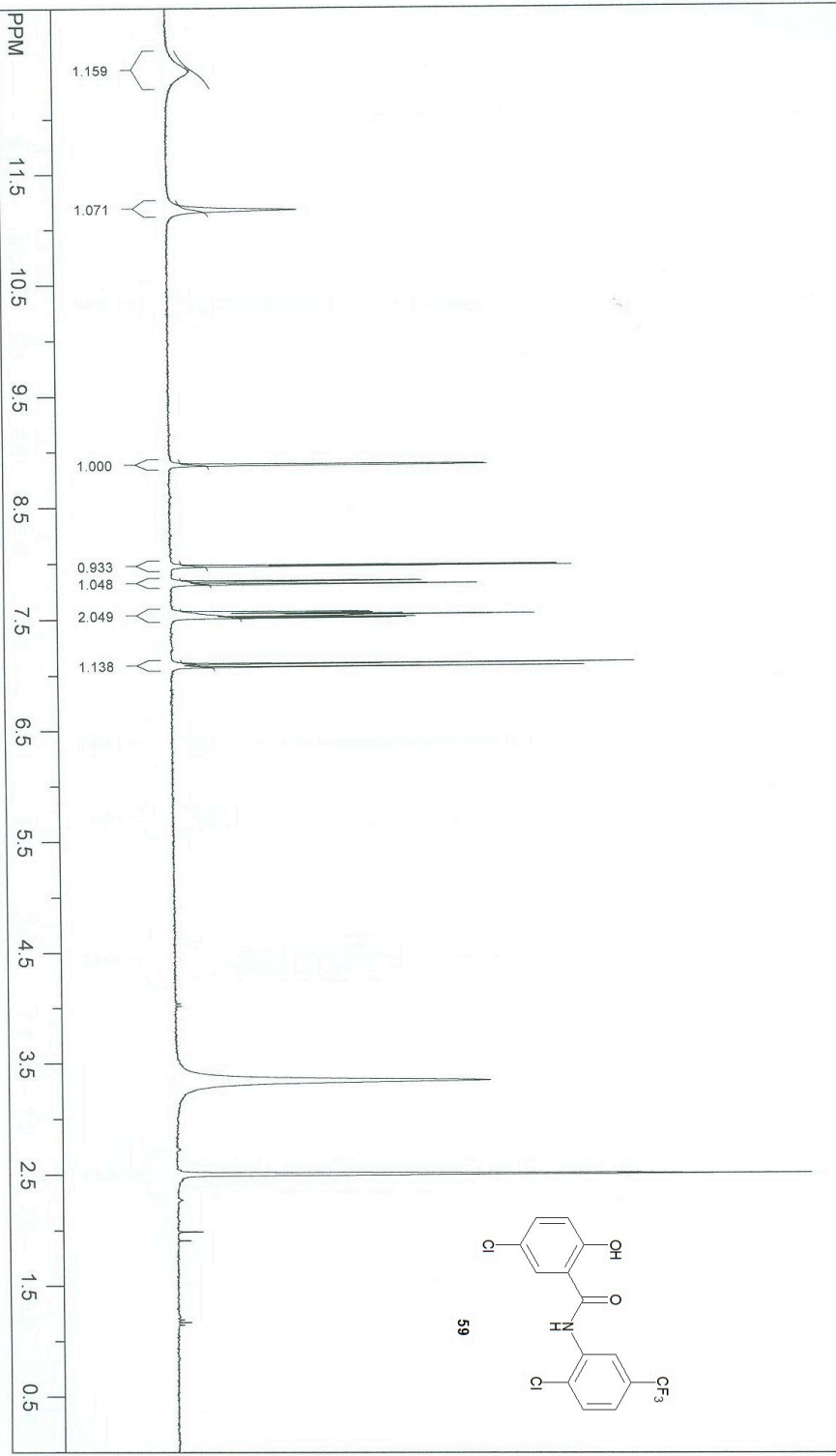
SpinWorks 2.4: KRT1164



file: C:\M\KRT1164.fid block# 1 exp: "s2pu1"
 transmitter freq.: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948270 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 192.308 ppm/cm: 0.64113

SpinWorks 2.4: KRT1195



file: C:\bin\KRT1195.fid\fid block# 1 exp: "szpu"

transmitter freq.: 299.950076 MHz

time domain size: 19696 points

width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt

number of scans: 8

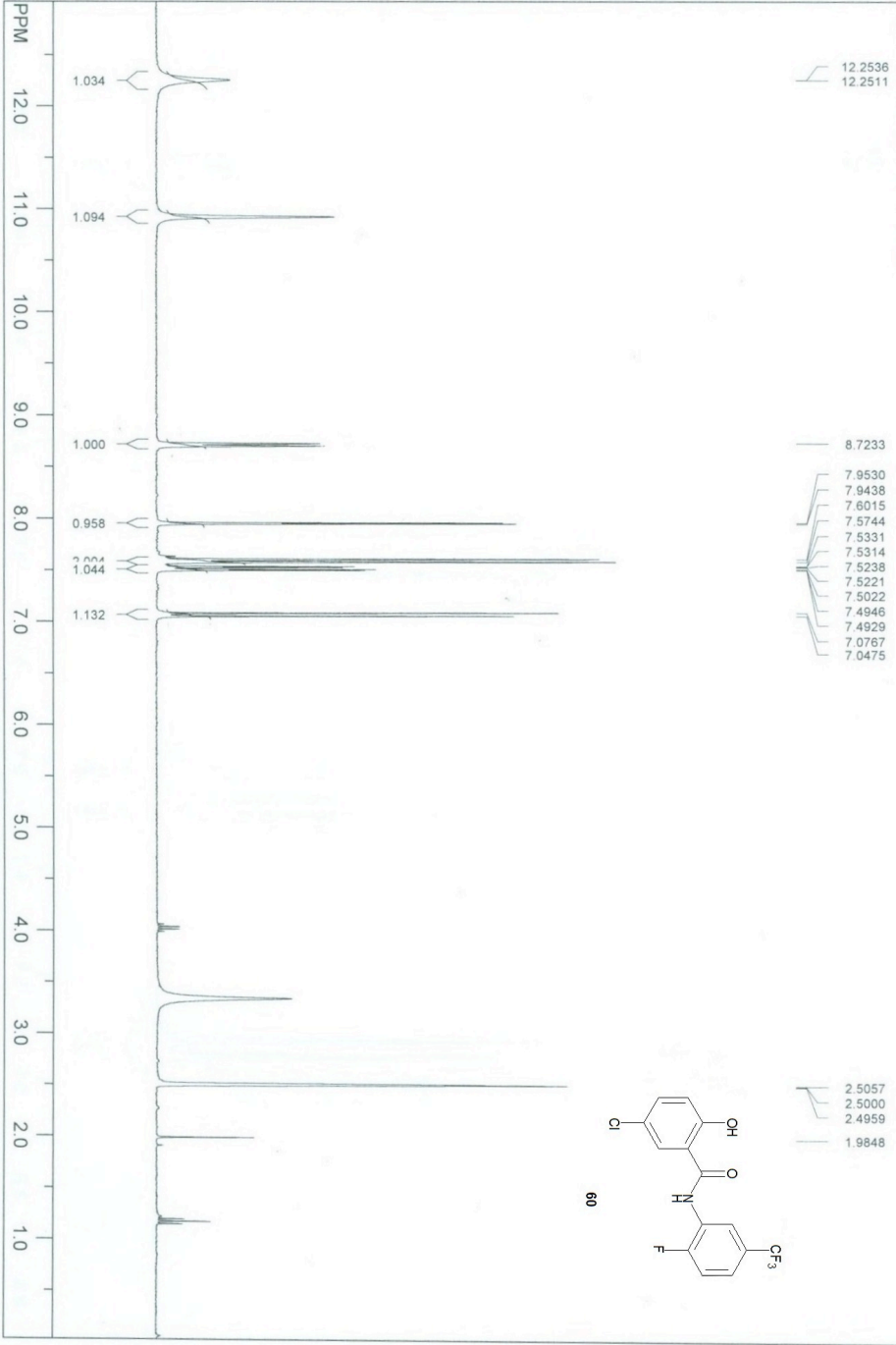
freq. of 0 ppm: 299.948272 MHz

processed size: 65536 complex points

LB: 0.200 GB: 0.0000

HZ/cm: 155.925 ppm/cm: 0.51984

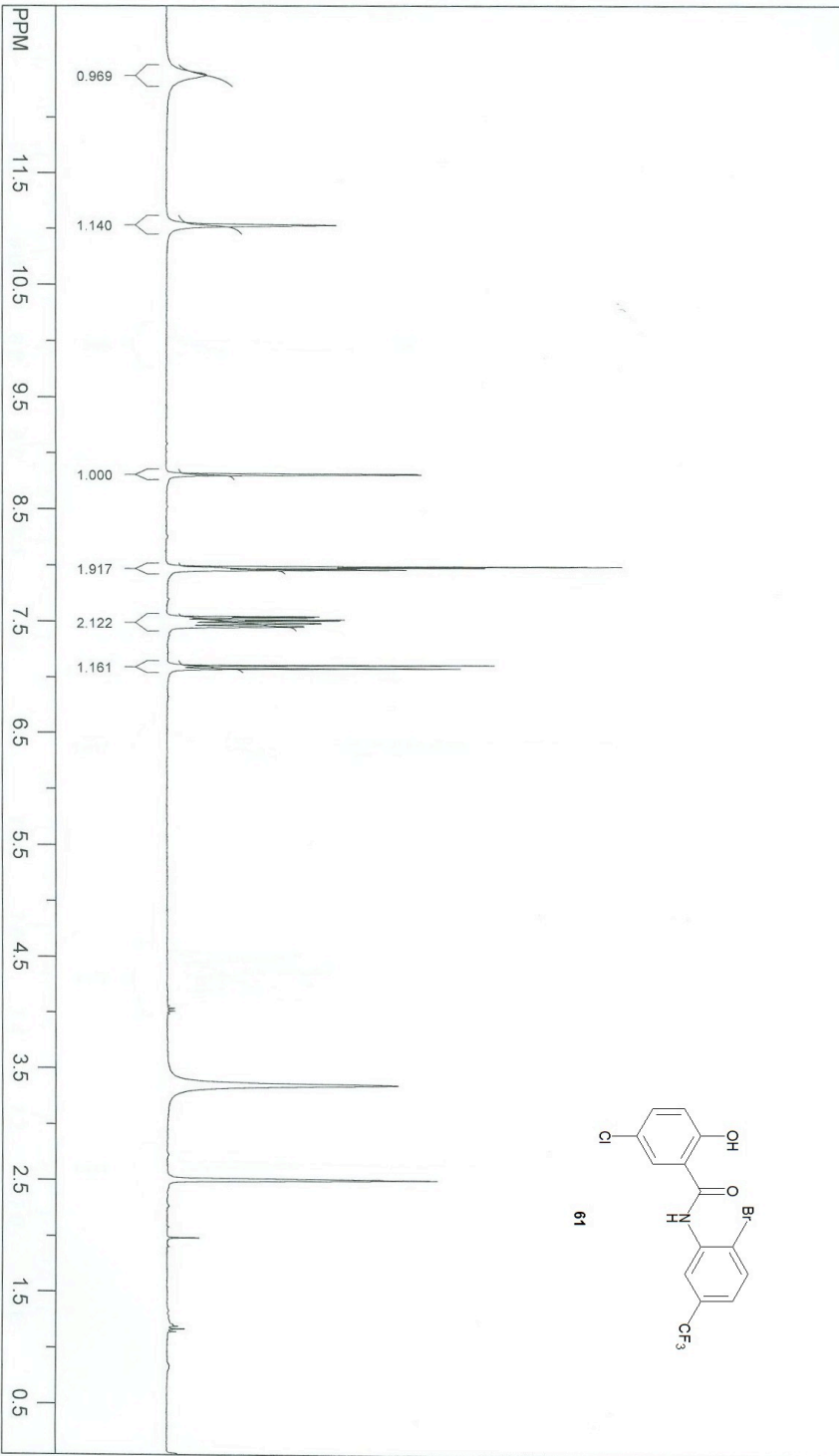
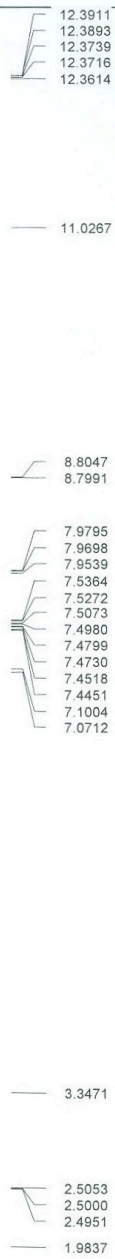
SpinWorks 2.4: KRT1192



file: C:\PI\KRT1192\fid\fid_block#1.expt: "sqpu"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.948272 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 155.925 ppm/cm: 0.51984

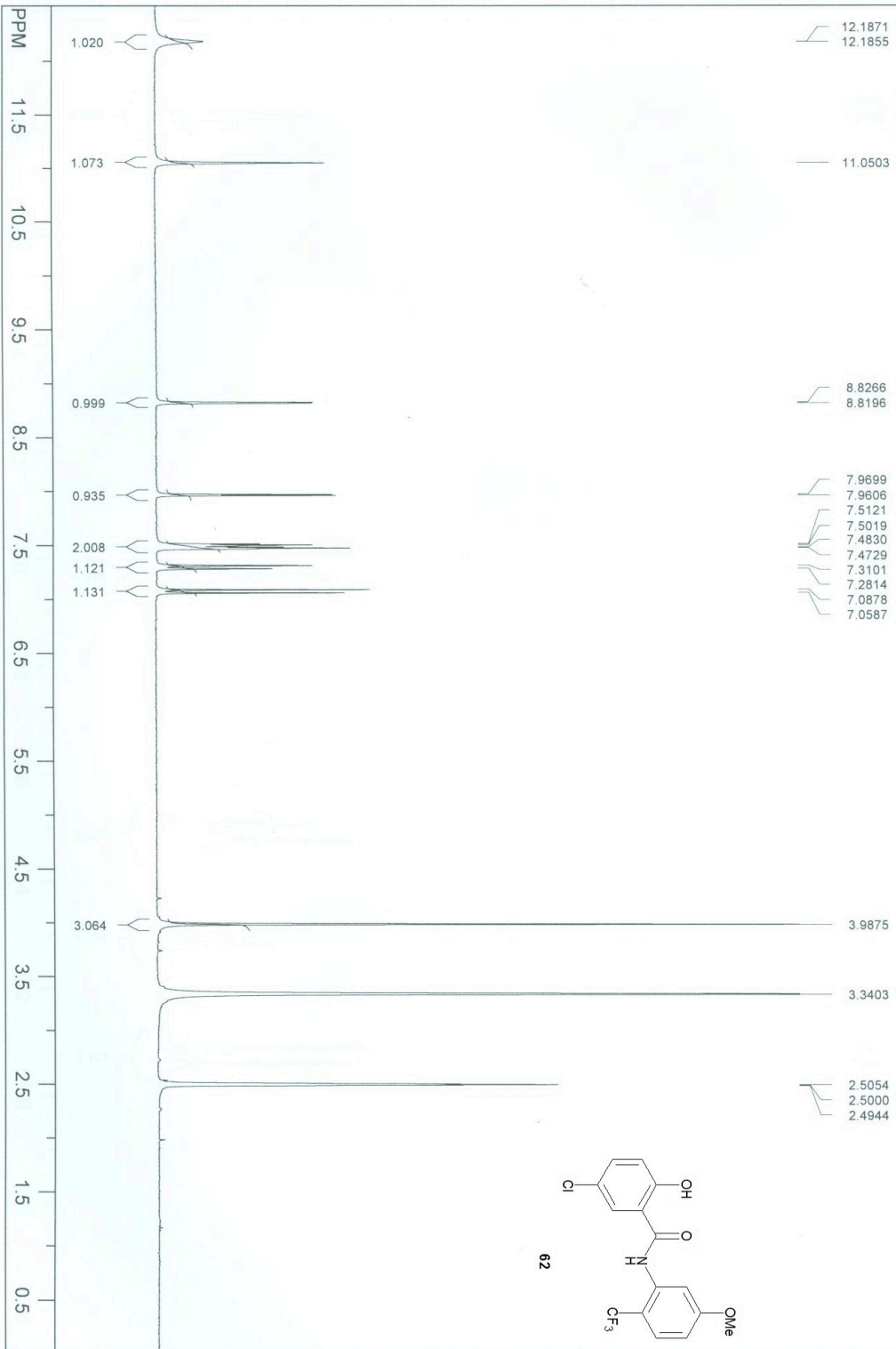
SpinWorks 2.4: KRT1191



file: C:\E\KRT1191.fid\fid block# 1 exp: "s2pul"
 transmitter freq.: 299.990076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948275 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 155.422 ppm/cm: 0.51816

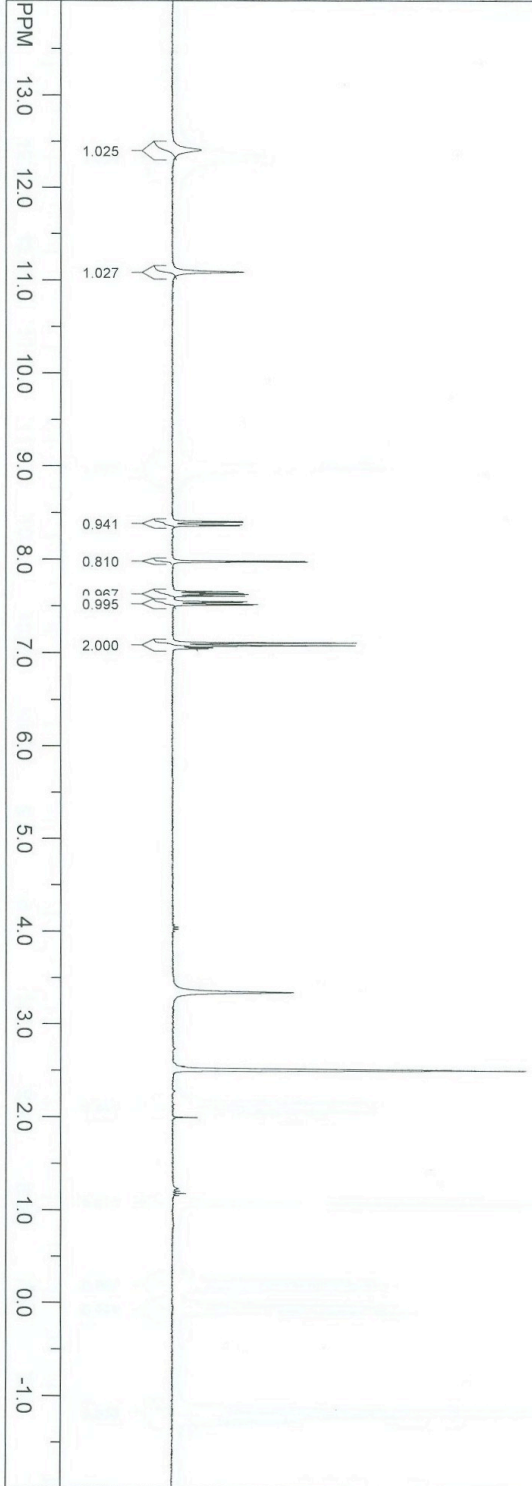
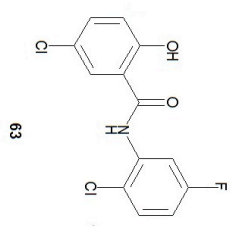
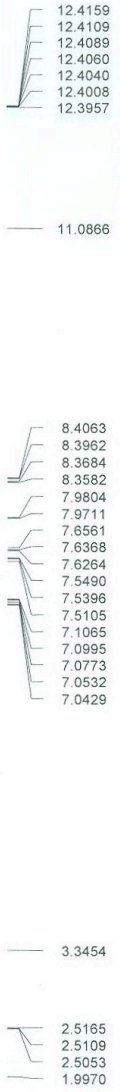
SpinWorks 2.4: KRT1814



file: C:\mri\KRT1814\ftid\block#1 exp1: "s2pul"
 transmitter freq.: 299.970343 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.968543 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 149.889 ppm/cm: 0.49968

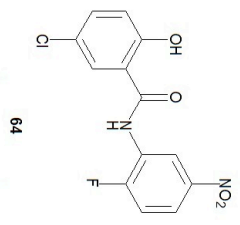
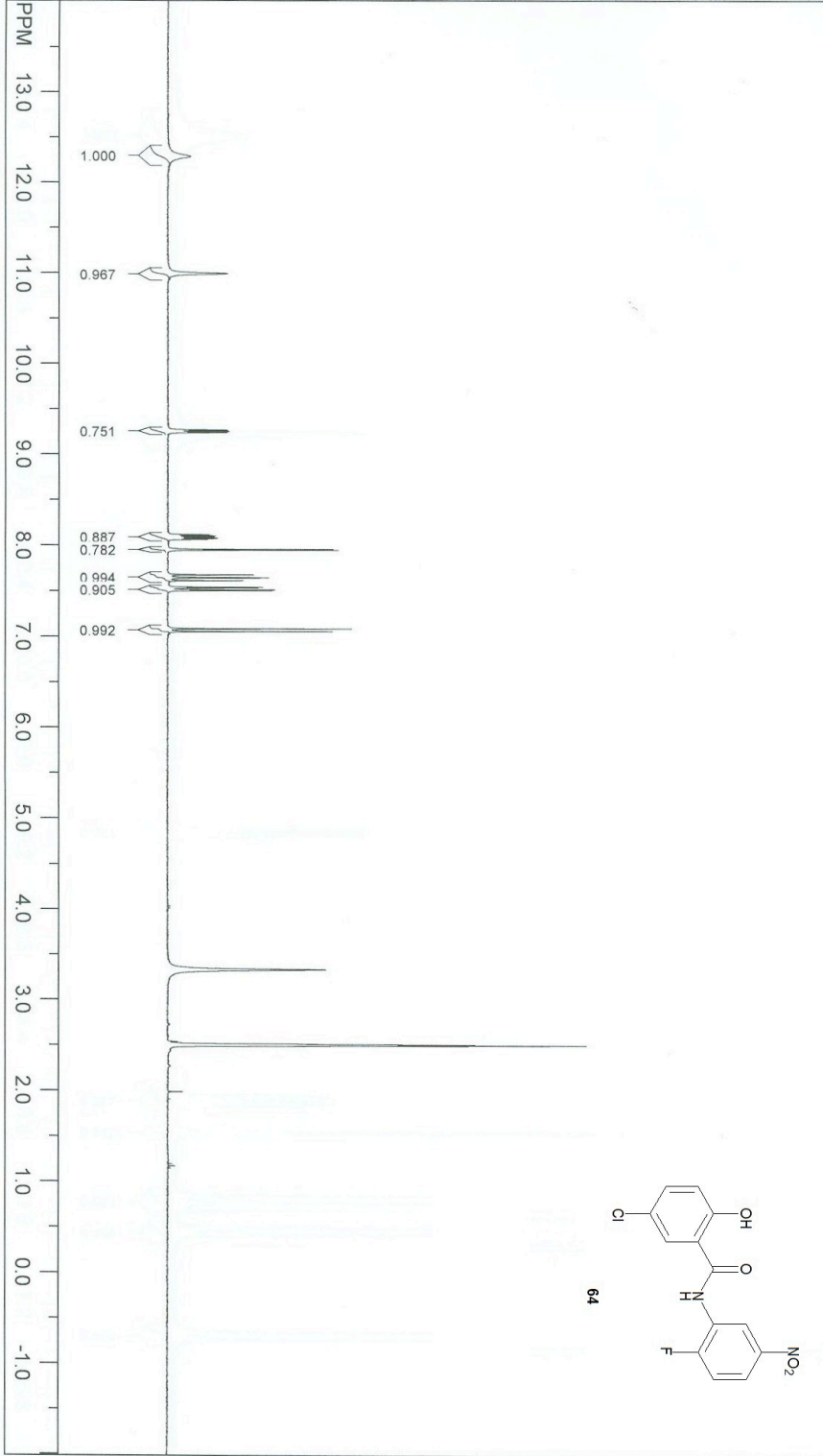
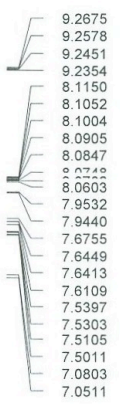
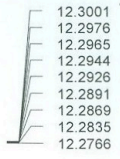
SpinWorks 2.4: N-327



file: D:\남포리\N-327\fid\fid block# 1 exp1 "s2pu1"
 transmitter freq.: 299.970343 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.968541 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 192.308 ppm/cm: 0.64109

SpinWorks 2.4: N-304



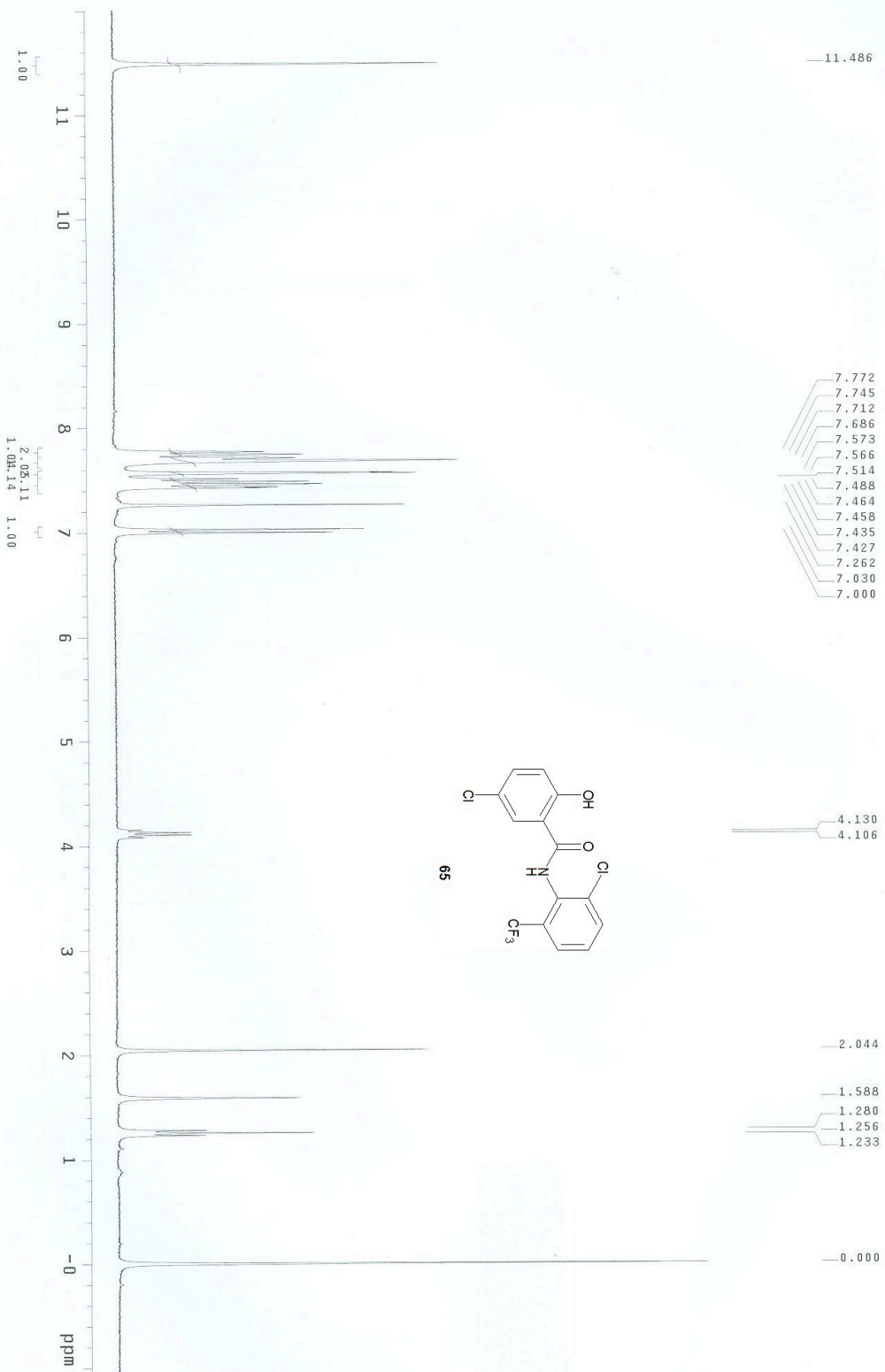
file: D:\남보리\N-304.fid\fid block# 1 expt: "szpu1"
 transmitter freq.: 299.970343 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.968544 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 192.308 ppm/cm: 0.64109

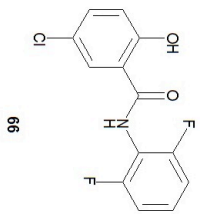
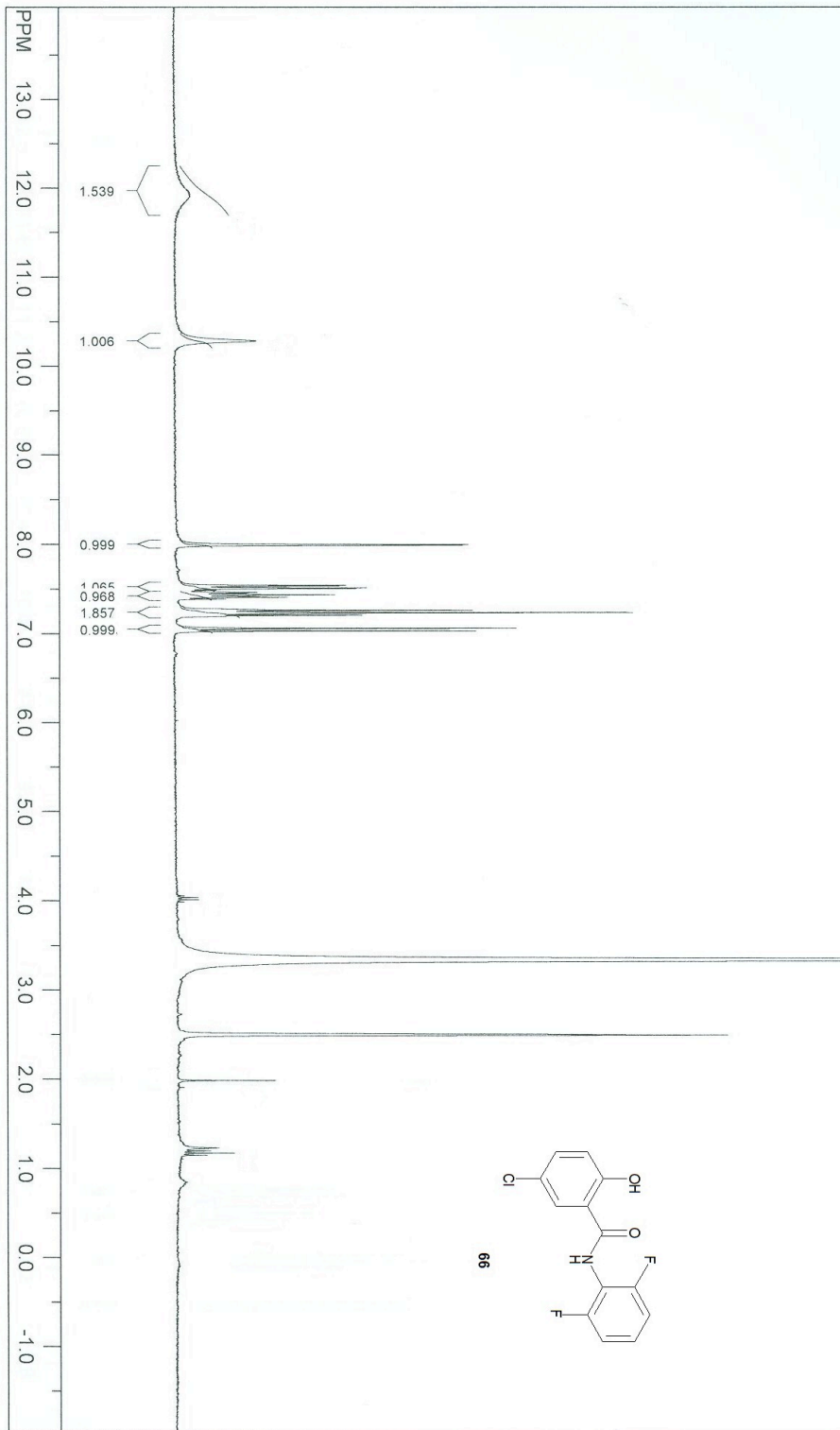
KR11196-0814

File: Proton

Pulse Sequence: s2pul1



SpinWorks 2.4: KRT1163



file: C:\msdchem\KRT1163\fid\fid_block# 1 exp: "s2pu"
 transmitter freq.: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948269 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 192.308 ppm/cm: 0.64113

SpinWorks 2.4: KRT1048

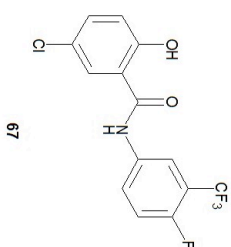
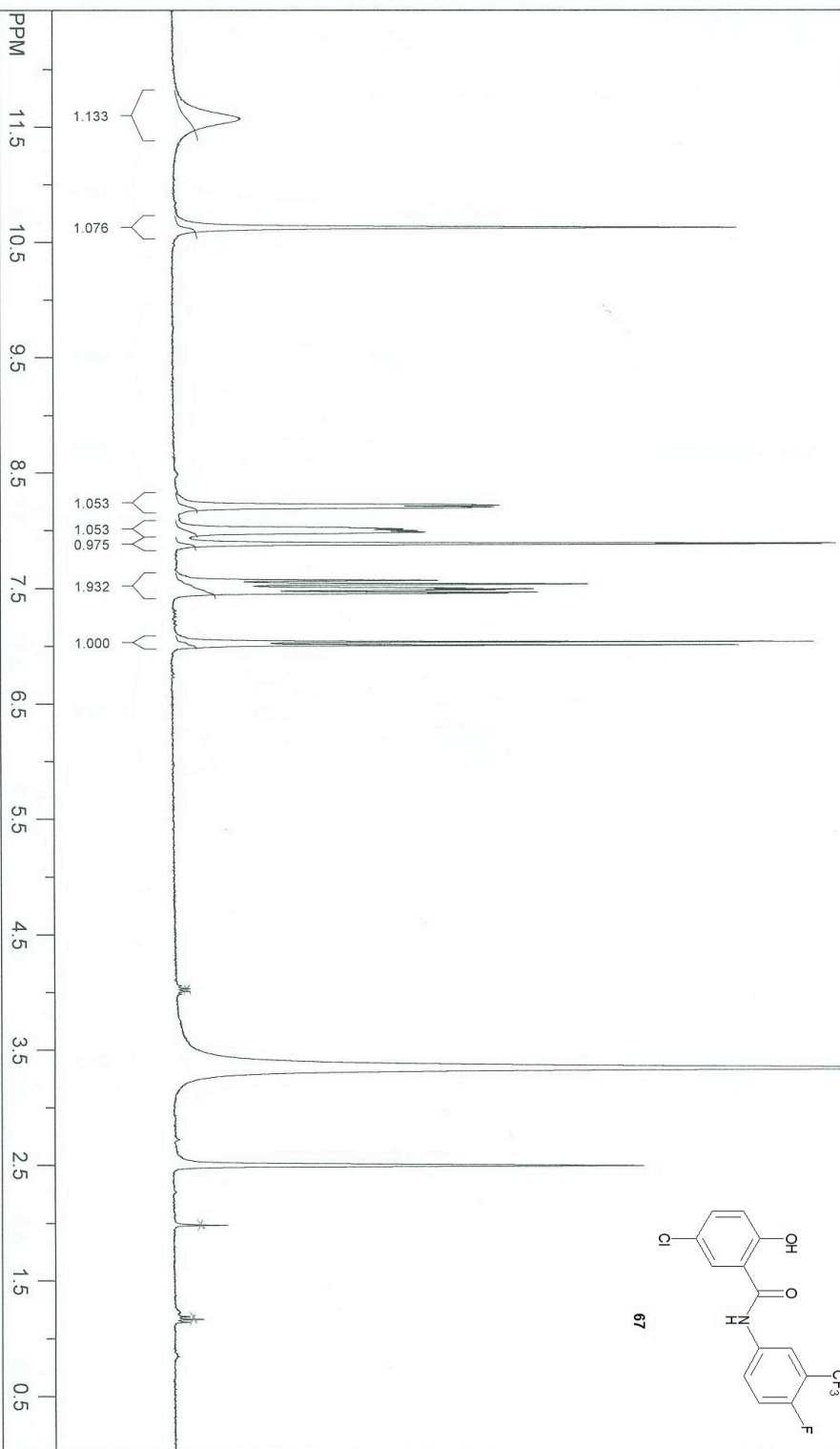
11.5925
11.5871
11.5848
11.5830
11.5810
11.5780
11.5761
11.5738
11.5716
11.5702
11.5683
11.5663
11.5502

10.6265

8.1943
8.0237
8.0121
7.9838
7.8878
7.8794
7.5685
7.5357
7.5161
7.5024
7.4939
7.4852
7.4642
7.4559
7.0373
7.0079

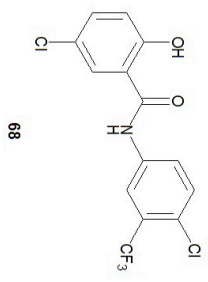
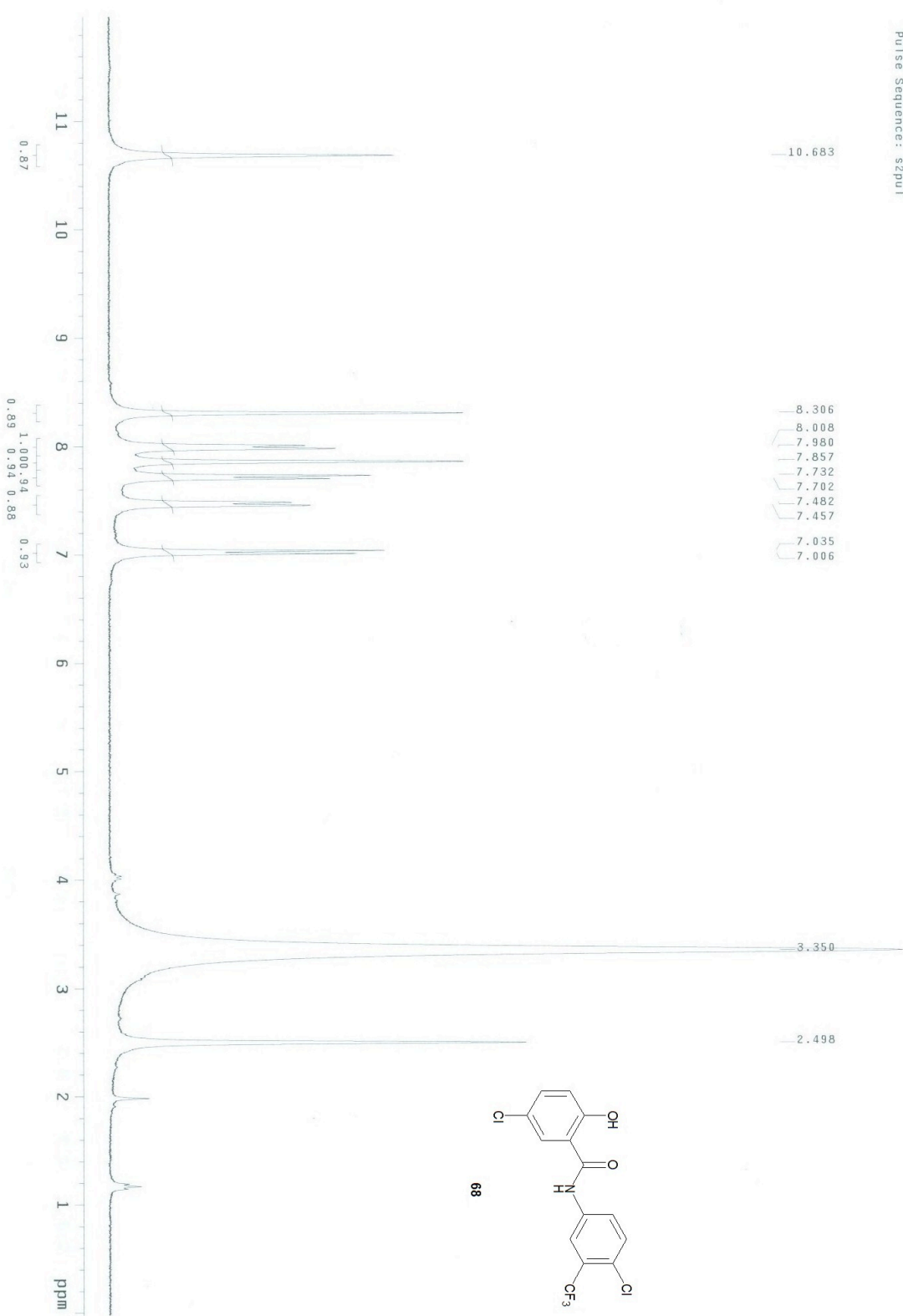
3.4256
3.4216
3.3487

2.5014

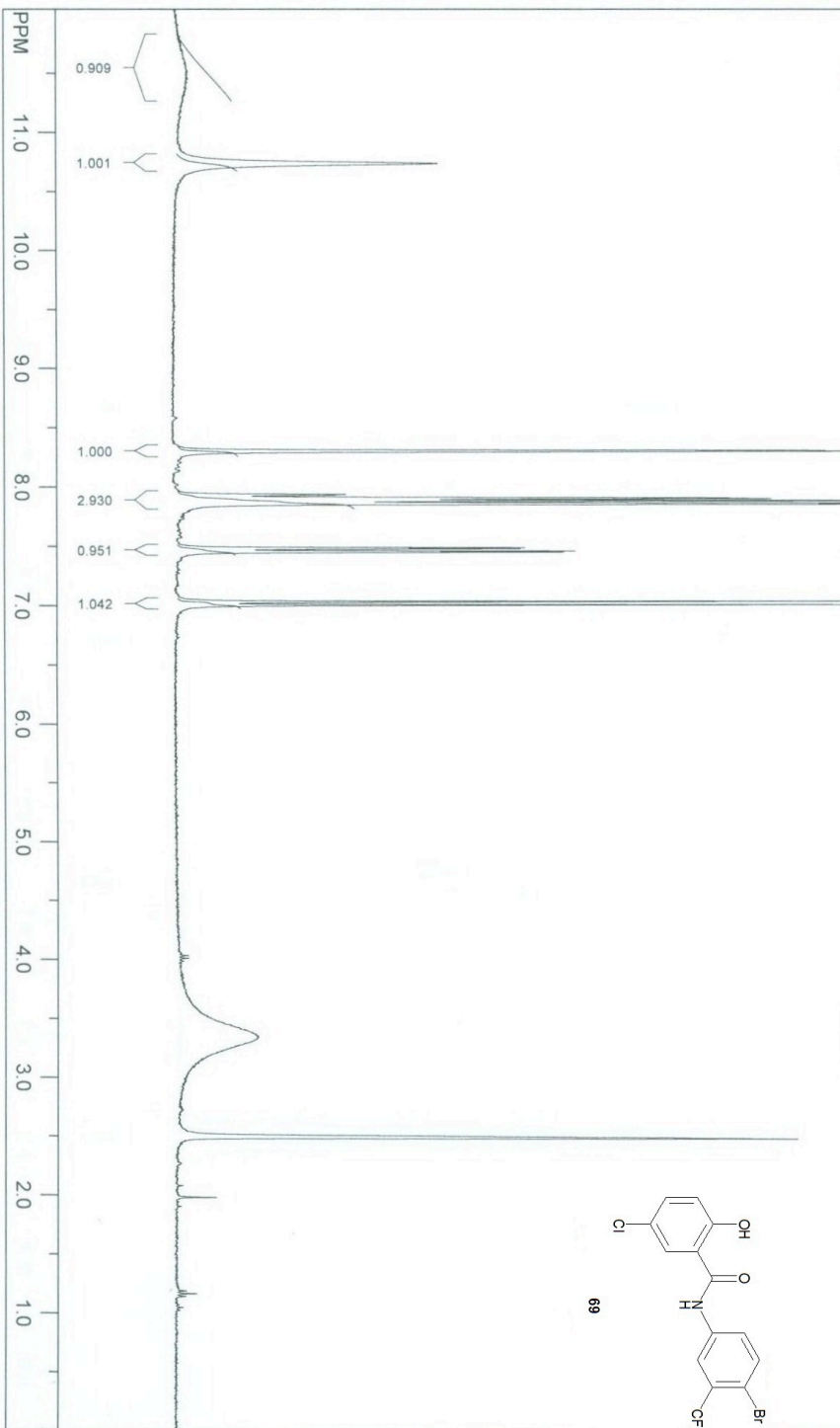


file: C:\min\KRT1048.fid\fid block# 1 exp: "szpu"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8
freq. of 0 ppm: 299.948282 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 150.225 ppm/cm: 0.50083

File: Proton
Pulse Sequence: s2pu1



SpinWorks 2.4: KRT1185



file: C:\1\1\KRT1185.fid\fid block# 1 expt "s2pul"
 transmitter freq.: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948276 MHz
 processed size: 65536 complex points
 LB: 0.200 GB, 0.0000
 Hz/cm: 144.692 ppm/cm: 0.48239

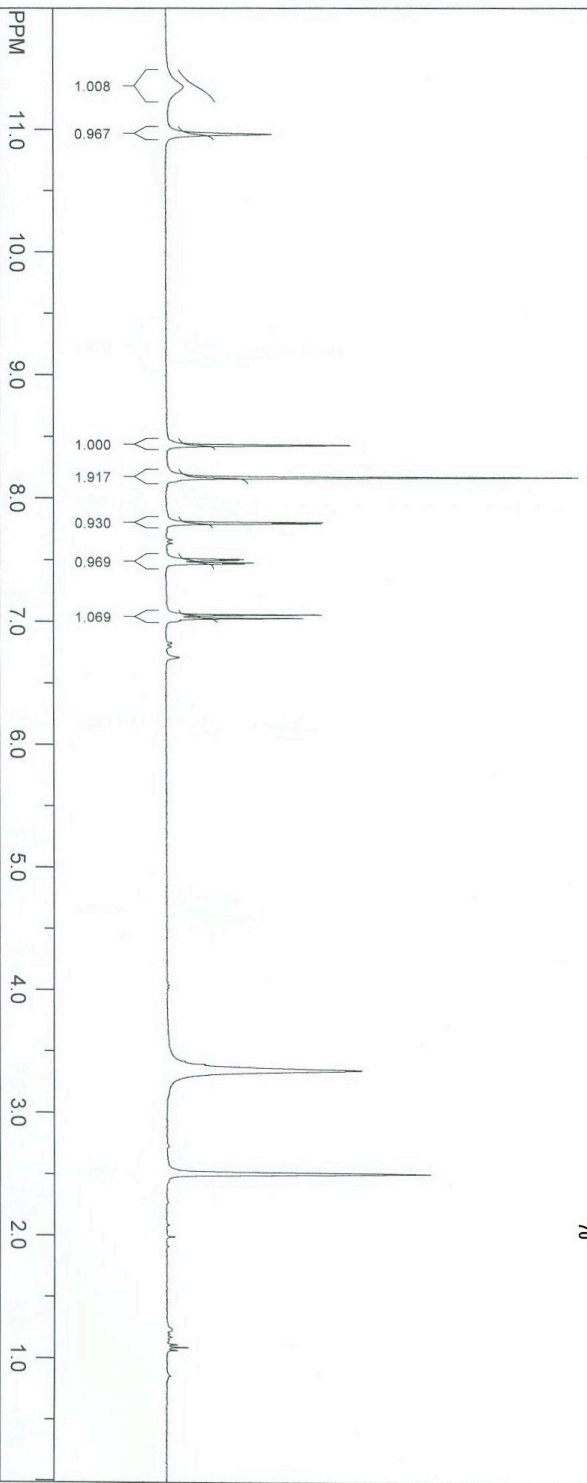
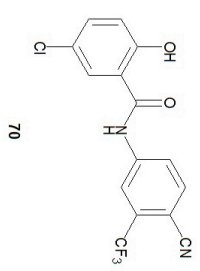
SpinWorks 2.4: KRT1189

11.3558
11.3522
11.3504
11.3485
11.3465
11.3440
11.3402
11.3380
11.3363
11.3343
11.3285
11.3267
11.3245
10.9858
10.9603

8.4244
8.1913
8.1854
8.1603
7.7973
7.7887
7.5013
7.4927
7.4831
7.4719
7.4634
7.0510
7.0372
7.0217

3.4135
3.4118
3.4104
3.4084
3.3405
3.2959
3.2852
3.2817
2.5000

1.0867

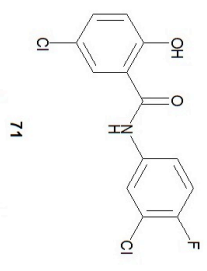
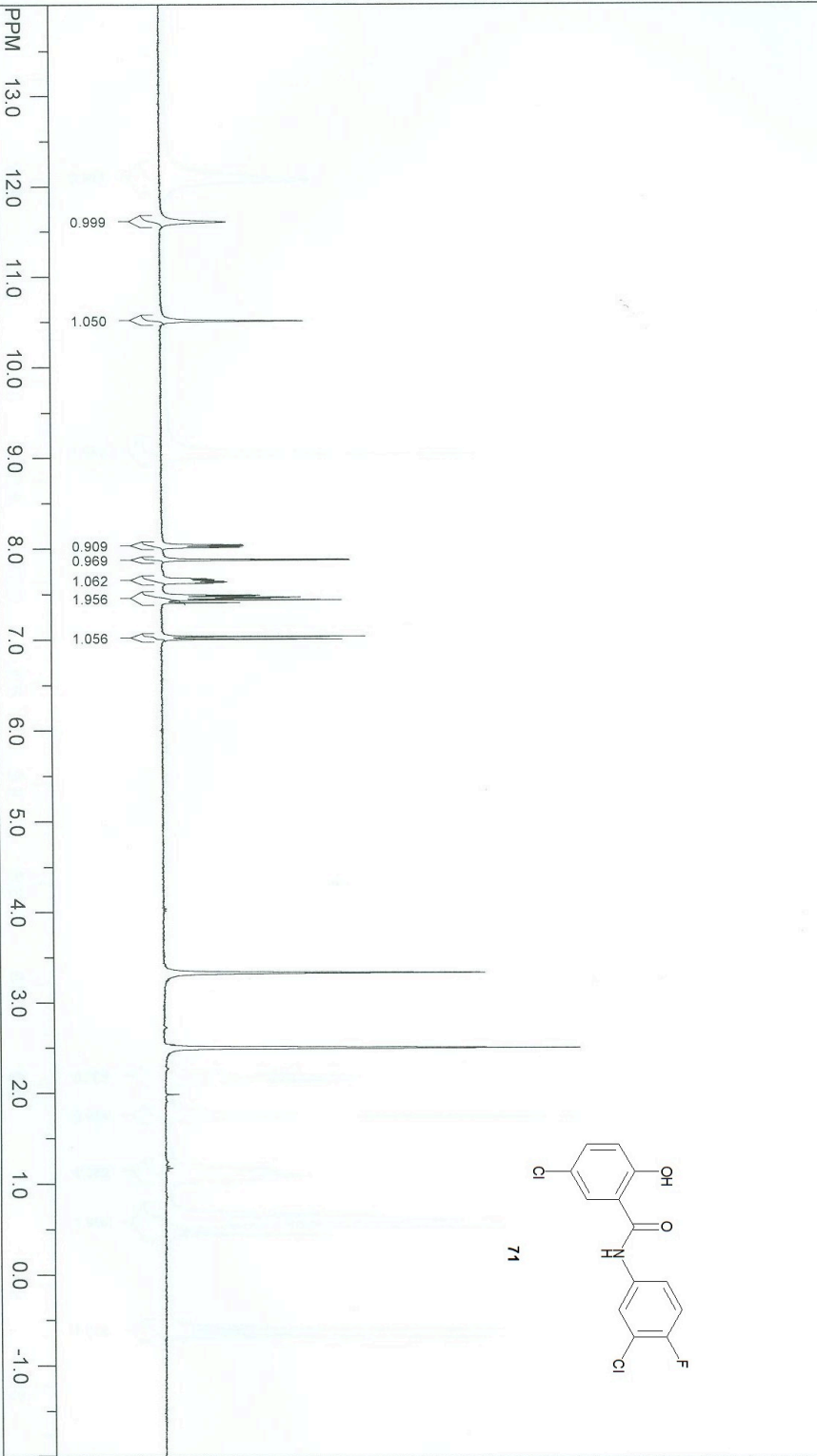


file: C:\min\KRT1189.fid\fid block# 1 exp1 "g2pu1"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.948276 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
HZ/cm: 144.021 ppm/cm: 0.48015

SpinWorks 2.4: N-302

- 11.6088
- 10.5081
- 8.0407
- 8.0322
- 8.0178
- 8.0095
- 7.8792
- 7.8704
- 7.6714
- 7.6624
- 7.6571
- 7.6481
- 7.6412
- 7.6321
- 7.6272
- 7.6184
- 7.4885
- 7.4797
- 7.4636
- 7.4596
- 7.4504
- 7.4338
- 7.4034
- 7.0318
- 7.0024
- 3.3276
- 2.5037
- 2.4980
- 2.4925



file: D:\남보리\N-302.fid\fid_block#1 exp1: "s2pu1"
transmitter freq.: 299.970343 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
number of scans: 8
freq. of 0 ppm: 299.968544 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 192.308 ppm/cm: 0.64109

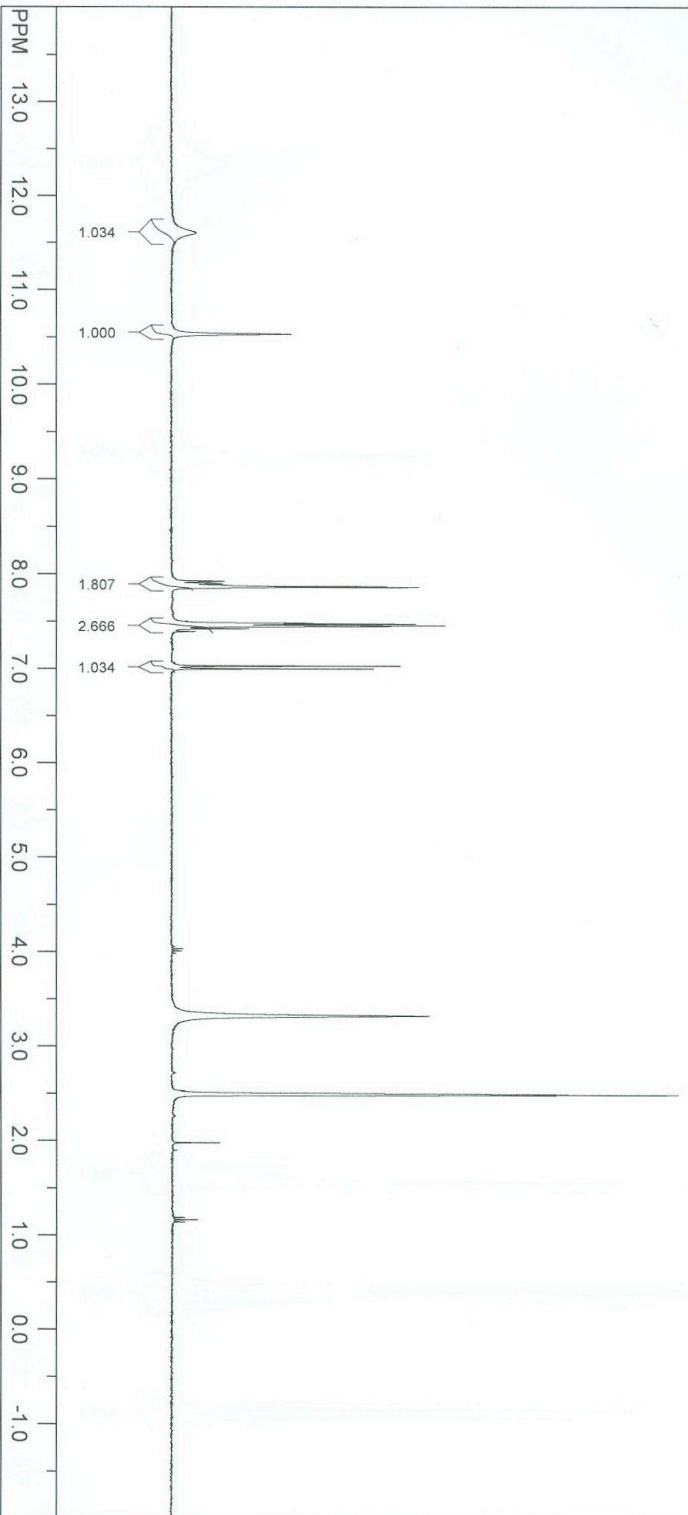
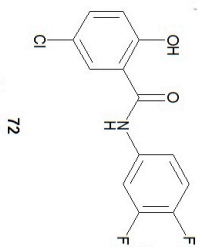
SpinWorks 2.4: N-303

11.6168
11.6146
11.6127
11.6110
11.6089
11.6071
11.6039
11.6017
11.5998
11.5971
11.5955
11.5875

10.5305

7.8487
7.4450
7.4210
7.3907
7.0262
6.9969

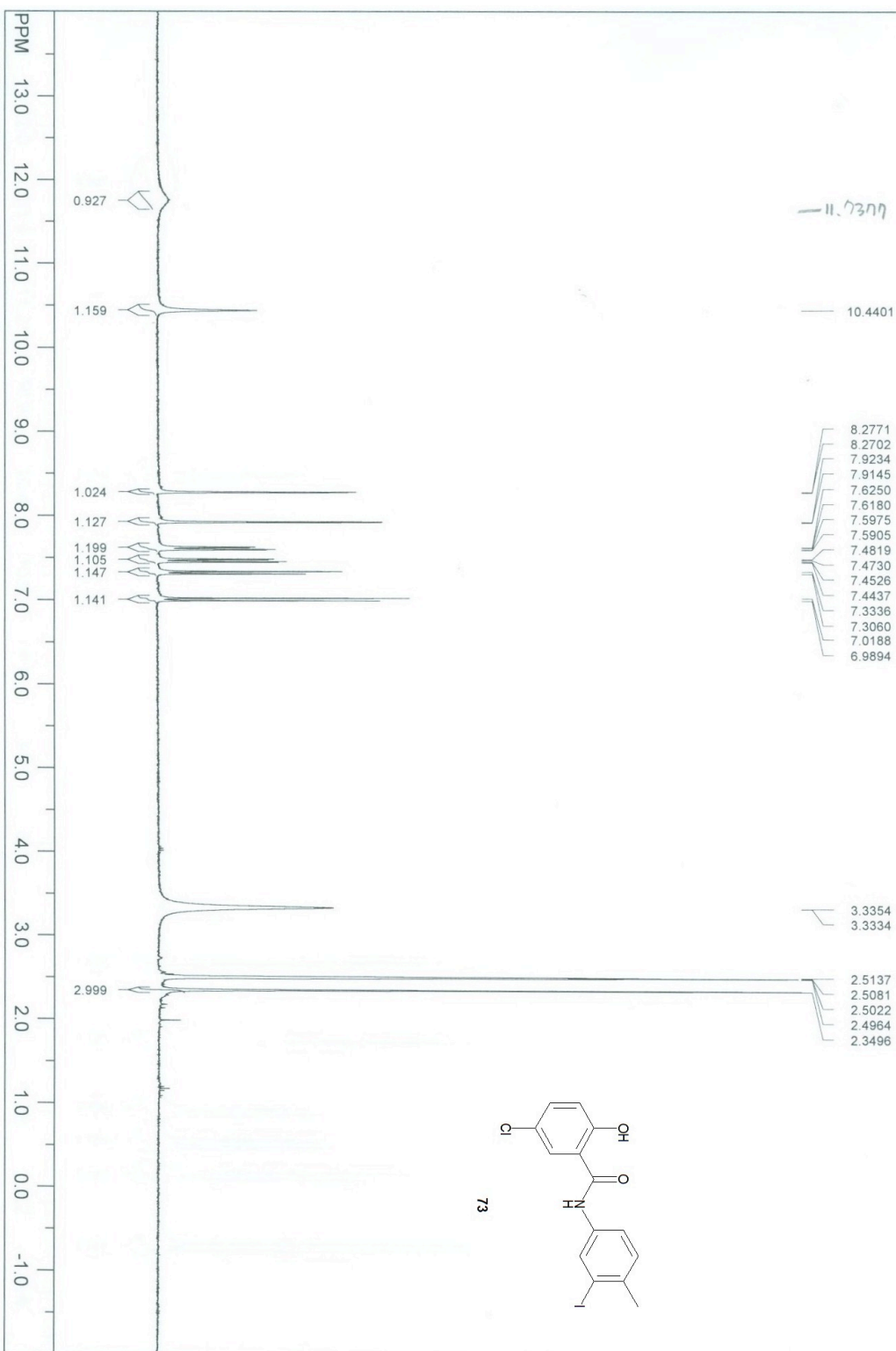
3.3639
3.3615
3.3594
3.3573
3.3539
3.3243
3.3232
3.2906
3.2887
2.5000
2.4943
2.4888
1.9807
1.1660



file: D:\남보리\N-303.fid\fid block# 1 expt: "s2pul"
transmitter freq.: 299.970343 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.968545 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
HZ/cm: 192.308 ppm/cm: 0.64109

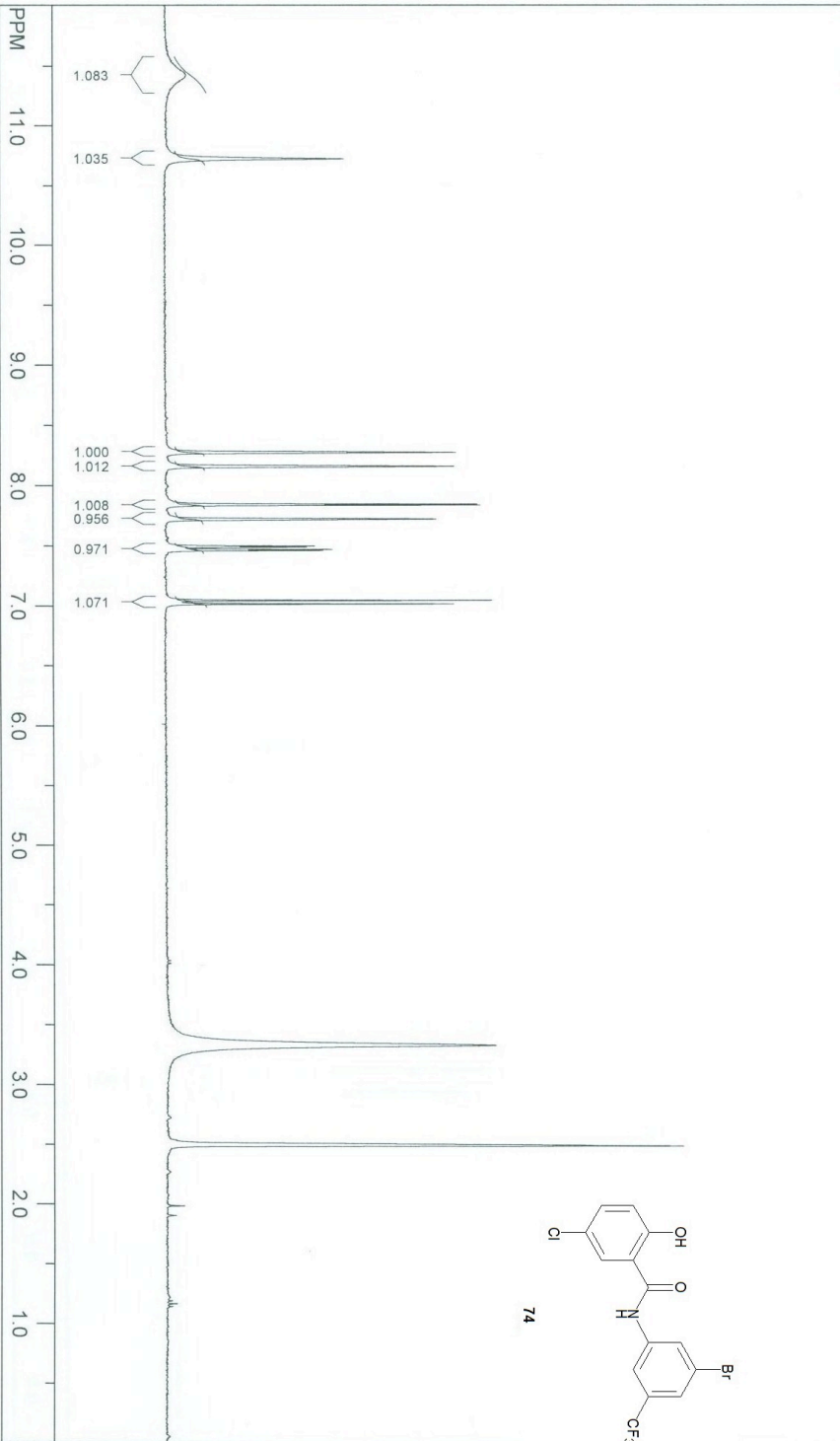
SpinWorks 2.4: N-323



file: D:\남보리\N-323\fid\fid block# 1 exp1 "s2pul"
 transmitter freq.: 299.970343 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.968543 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 192.308 ppm/cm: 0.64109

SpinWorks 2.4: KRT1194



file: C:\bin\KRT1194.fid block# 1 exp# "s2pul"

transmitter freq.: 299.950076 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt

number of scans: 8

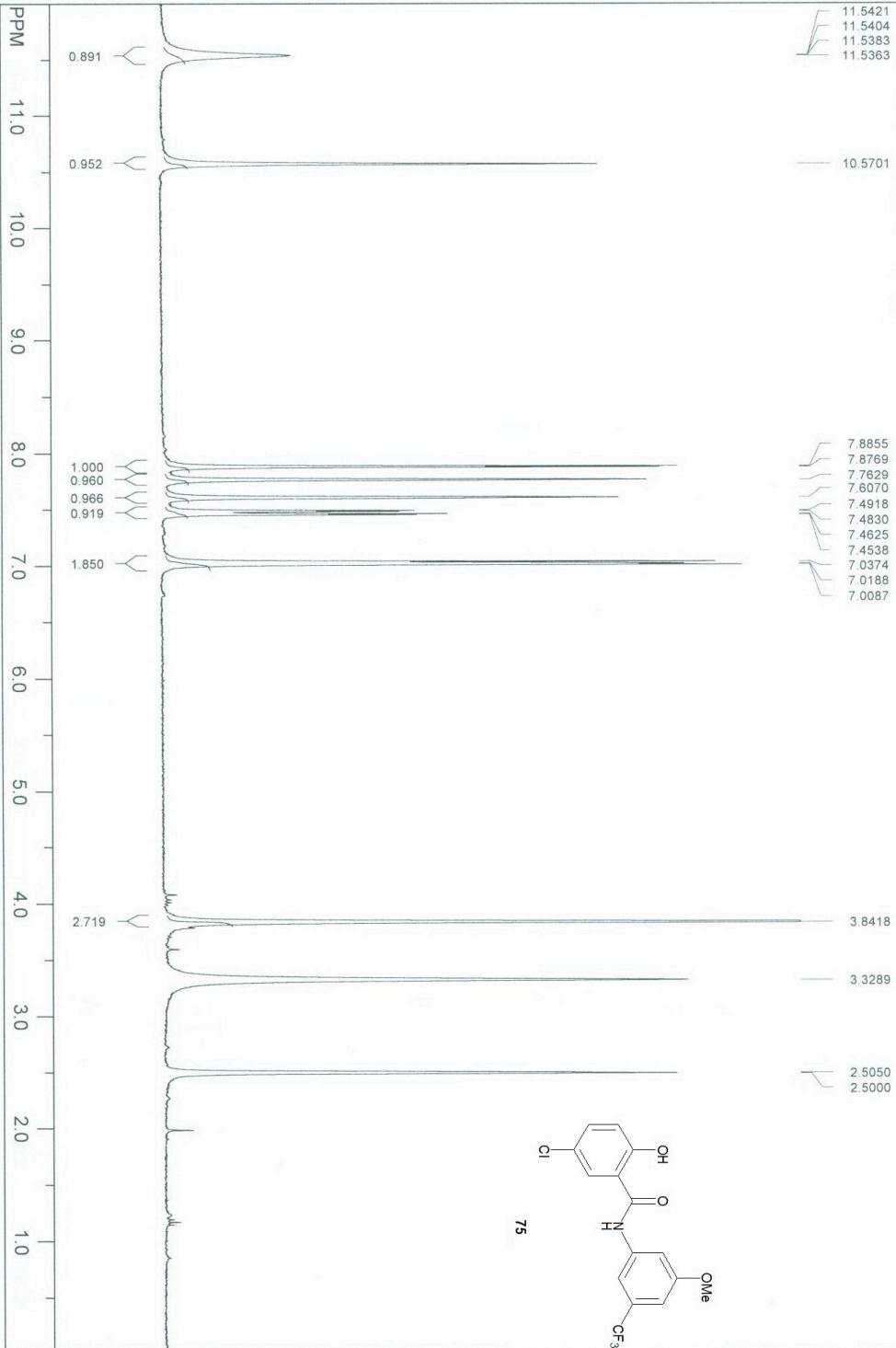
freq. of 0 ppm: 299.948272 MHz

processed size: 65536 complex points

LB: 0.200 GB: 0.0000

HZ/cm: 144.189 ppm/cm: 0.48071

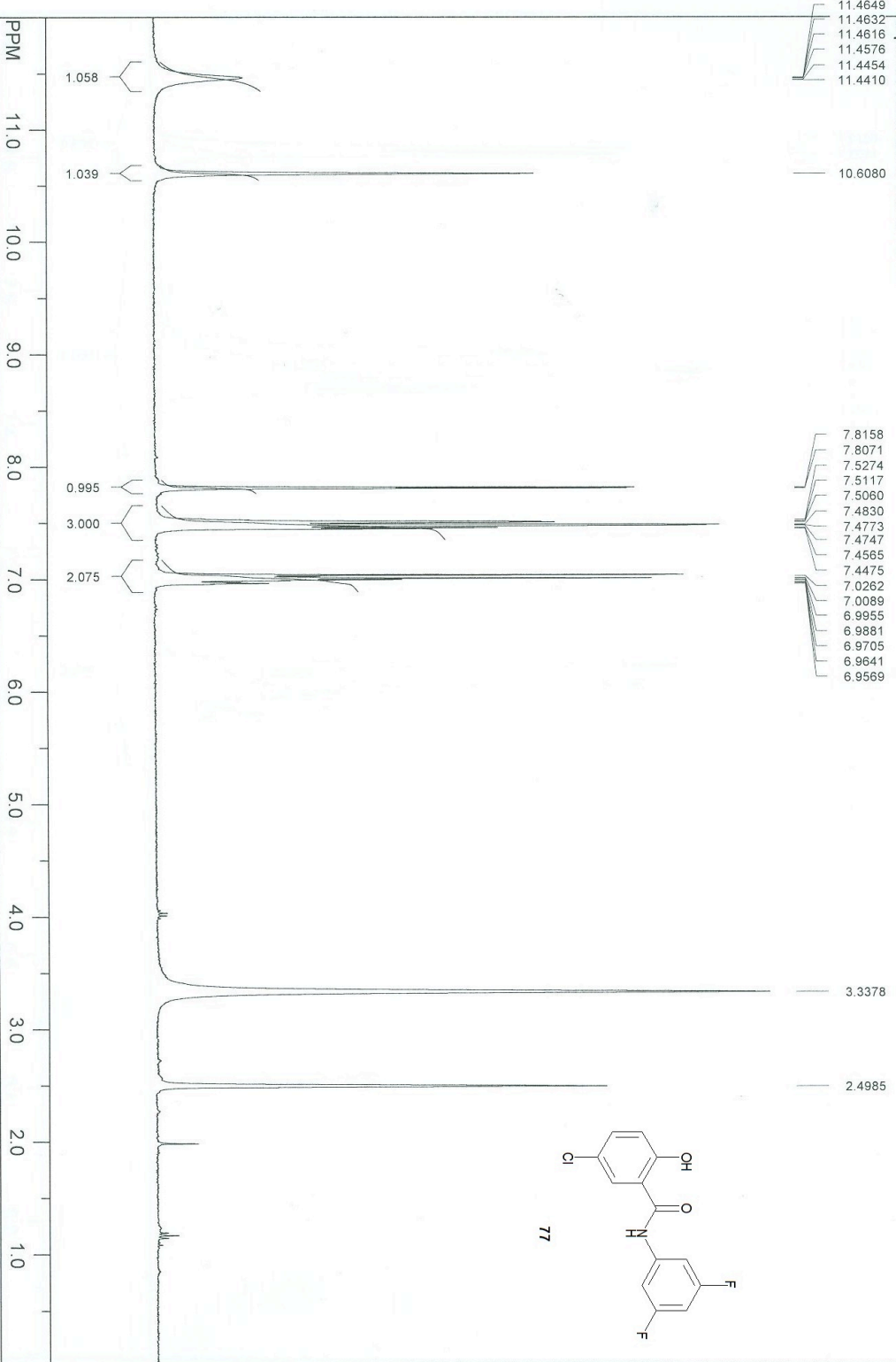
SpinWorks 2.4: dimethoxy



file: C:\M\dimethoxy.fid\fid block# 1 exp: "s2pu"
 transmitter freq.: 299.950076 MHz
 time domain size: 13698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948281 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 143.686 ppm/cm: 0.47903

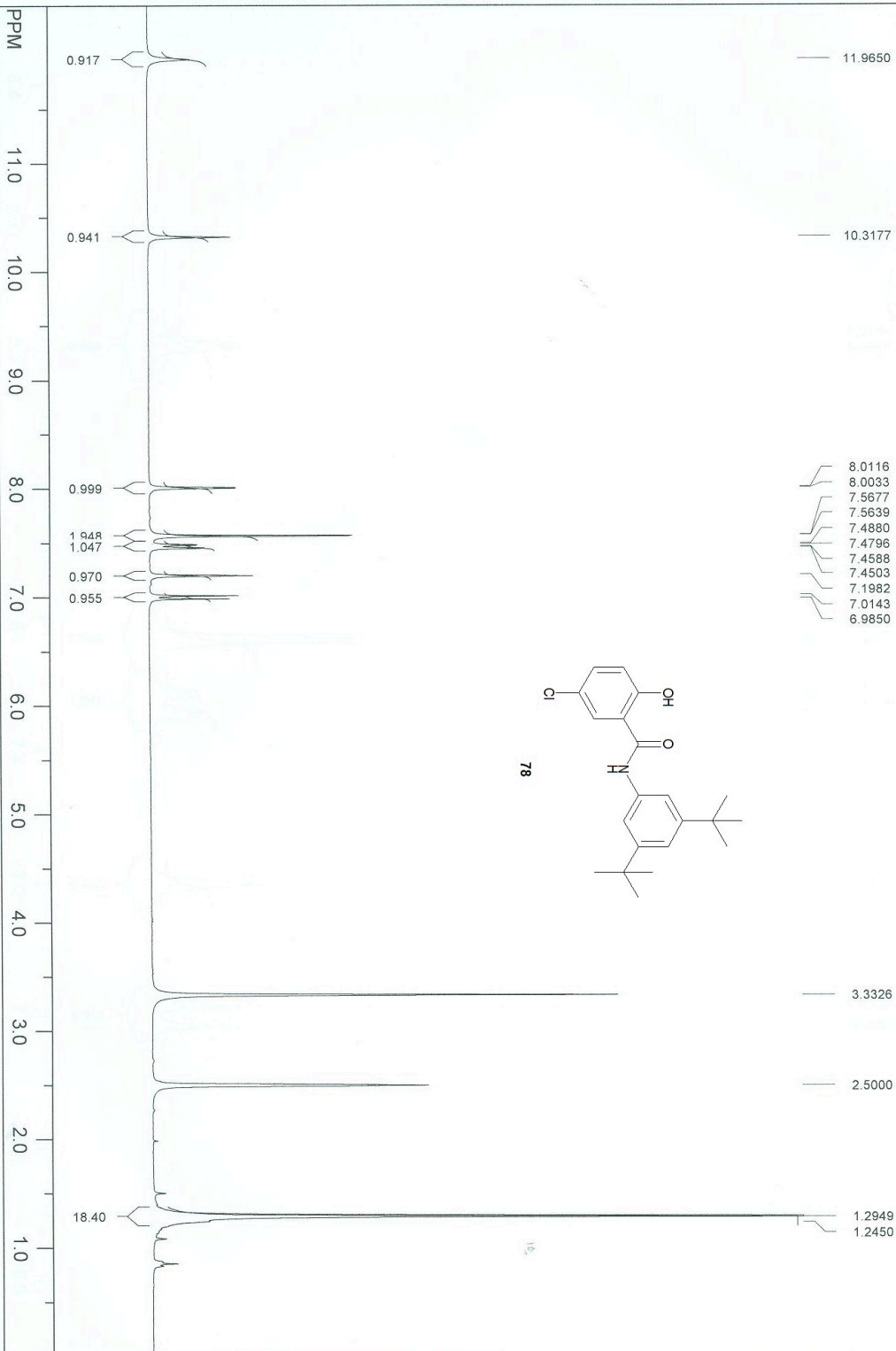
SpinWorks 2.4: KRT1042



file: C:\min\KRT1042.fid block# 1 exp: "s2pul"
transmitter freq.: 299.950076 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.948272 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 143.686 ppm/cm: 0.47903

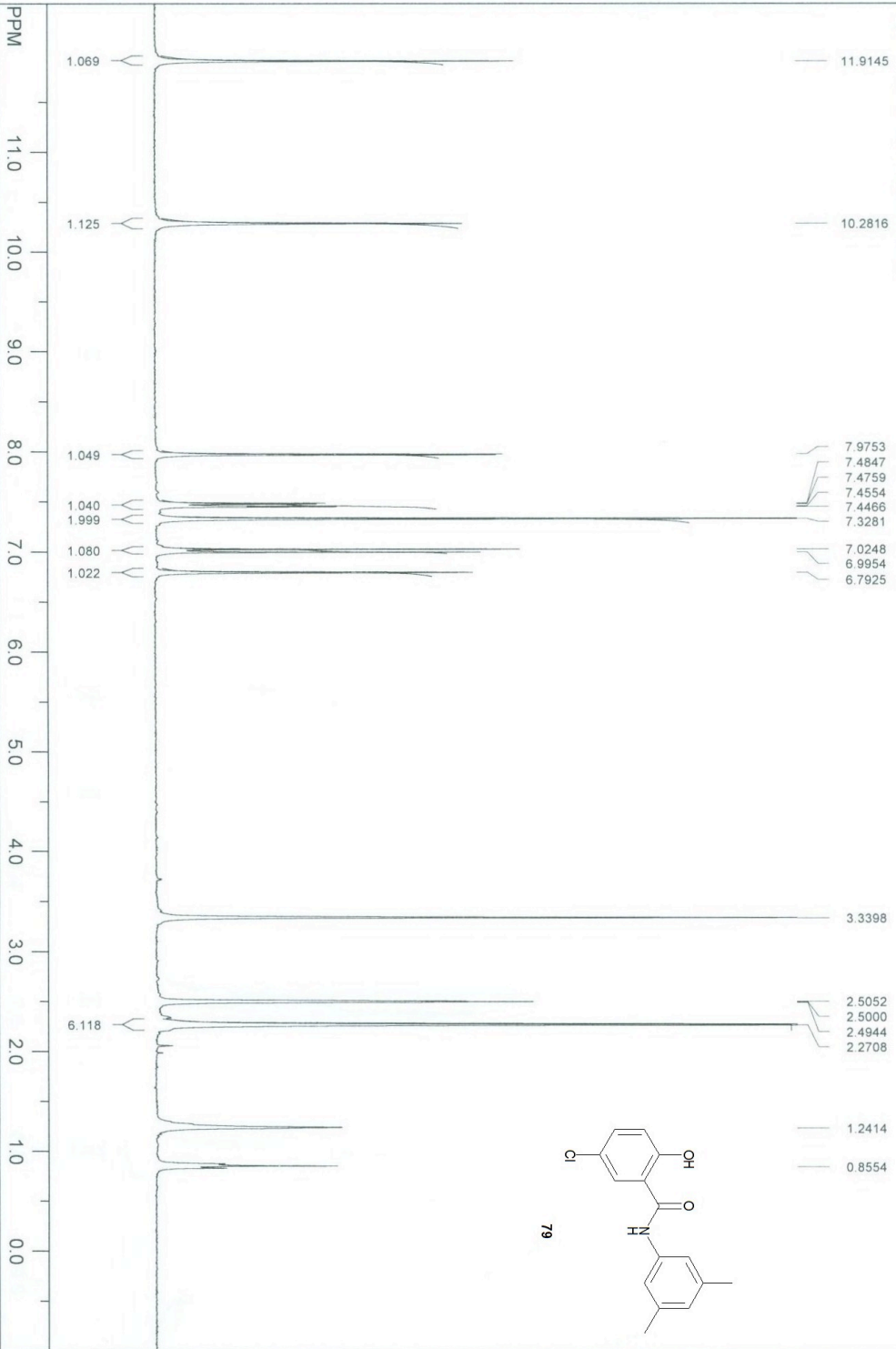
SpinWorks 2.4:



file: C:\min\KRT1806\11\fid exp: <zg30>
 transmitter freq.: 300.131587 MHz
 time domain size: 32768 points
 width: 4496.40 Hz = 14.981438 ppm = 0.137219 Hz/pt
 number of scans: 32

freq. of 0 ppm: 300.130001 MHz
 processed size: 16384 complex points
 LB: 1.000 GB: 0.0000
 Hz/cm: 149.593 ppm/cm: 0.49842

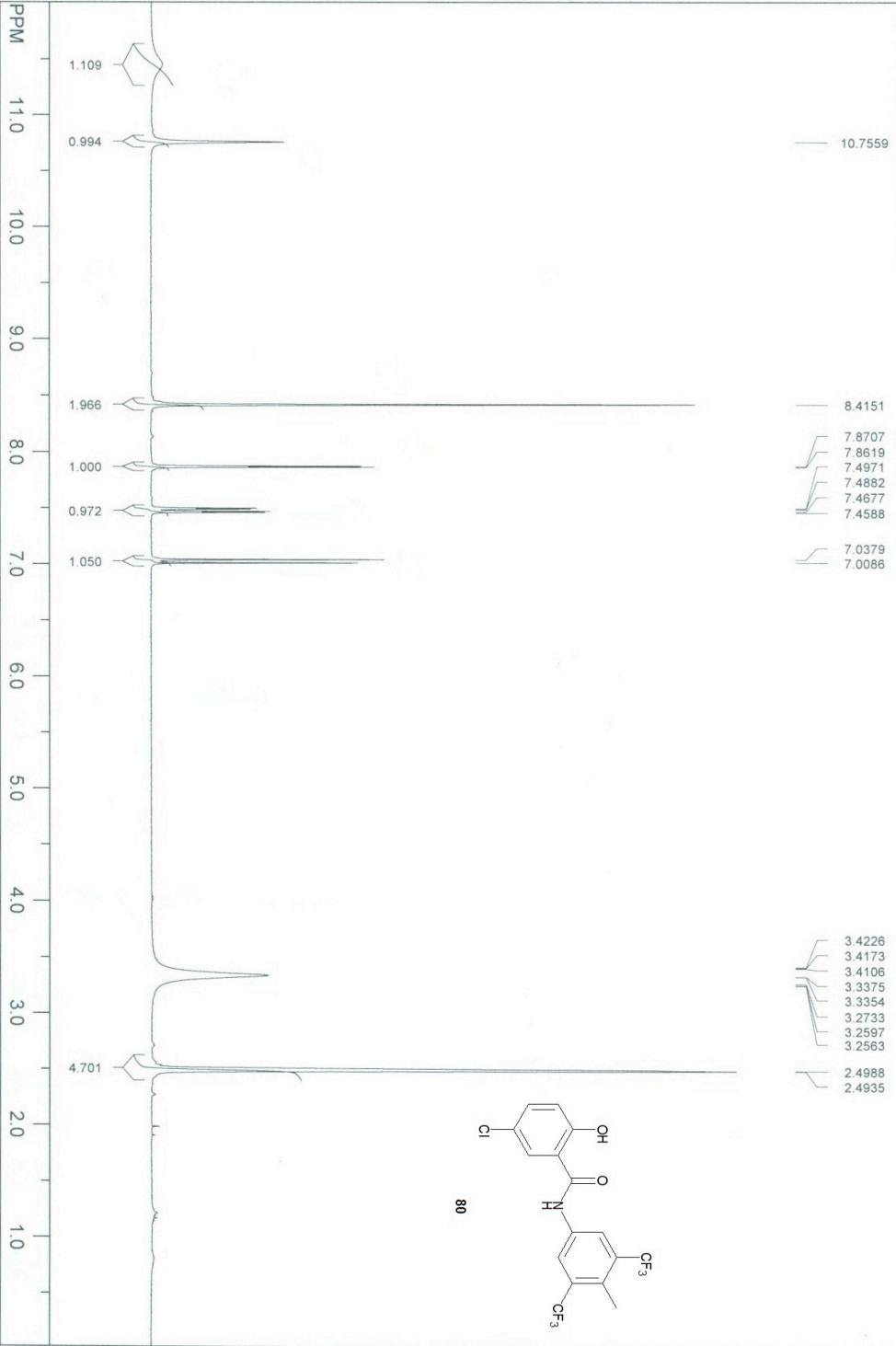
SpinWorks 2.4: KRT1045



file: C:\PI\KRT1045.fid\data_block#1 exp1: "s2pu1"
 transmitter freq.: 299.950076 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.028308 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.948280 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 161.961 ppm/cm: 0.53996

SpinWorks 2.4: KRT1850



file: D:\민환\민환\NMR\min\KRT1850.fid\fid block# 1 expt: "s2pu"

transmitter freq.: 299.970343 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pl

number of scans: 8

freq. of 0 ppm: 299.968543 MHz

processed size: 65536 complex points

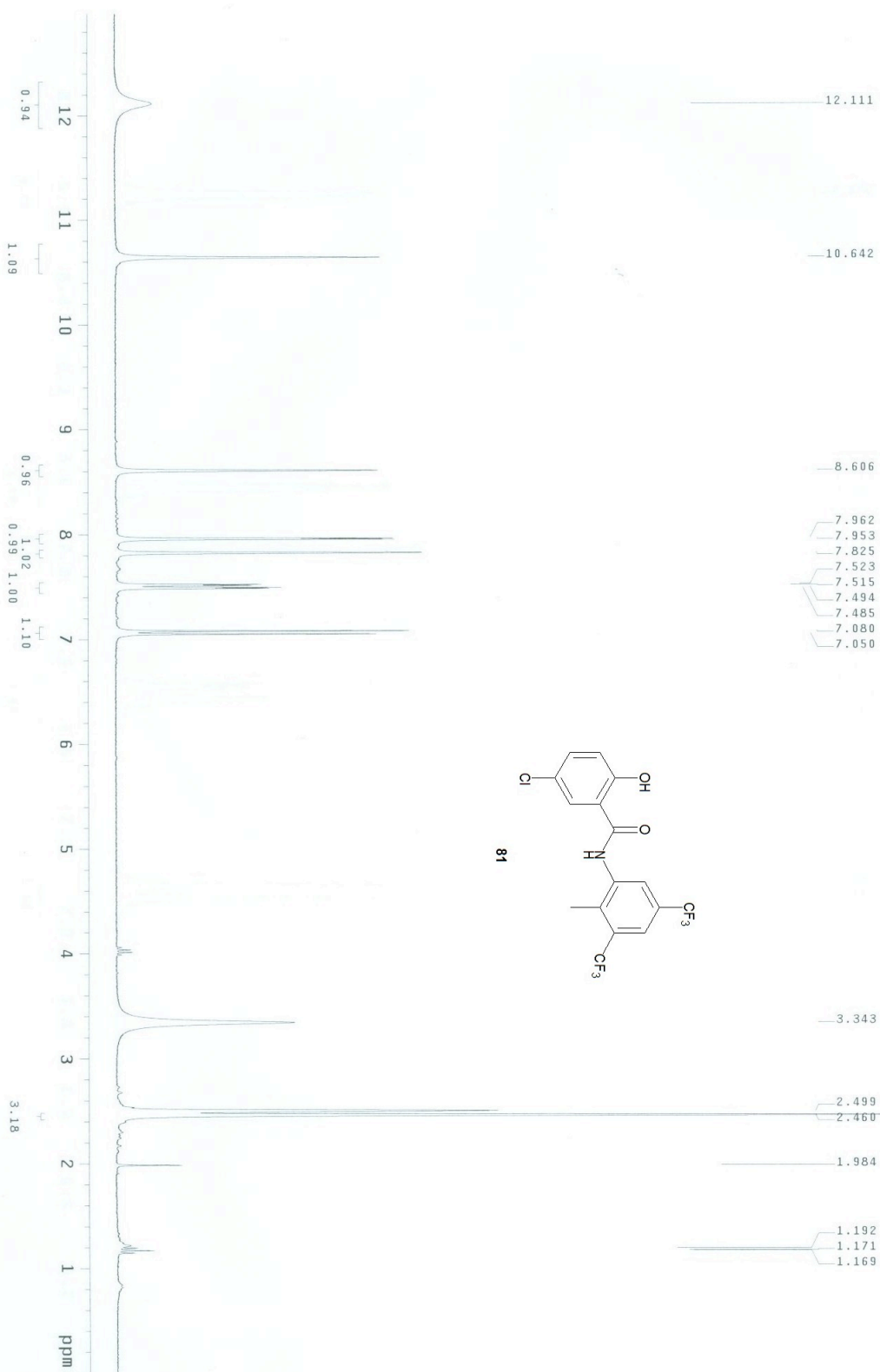
LB: 0.200 GB: 0.0000

Hz/cm: 143.891 ppm/cm: 0.47969

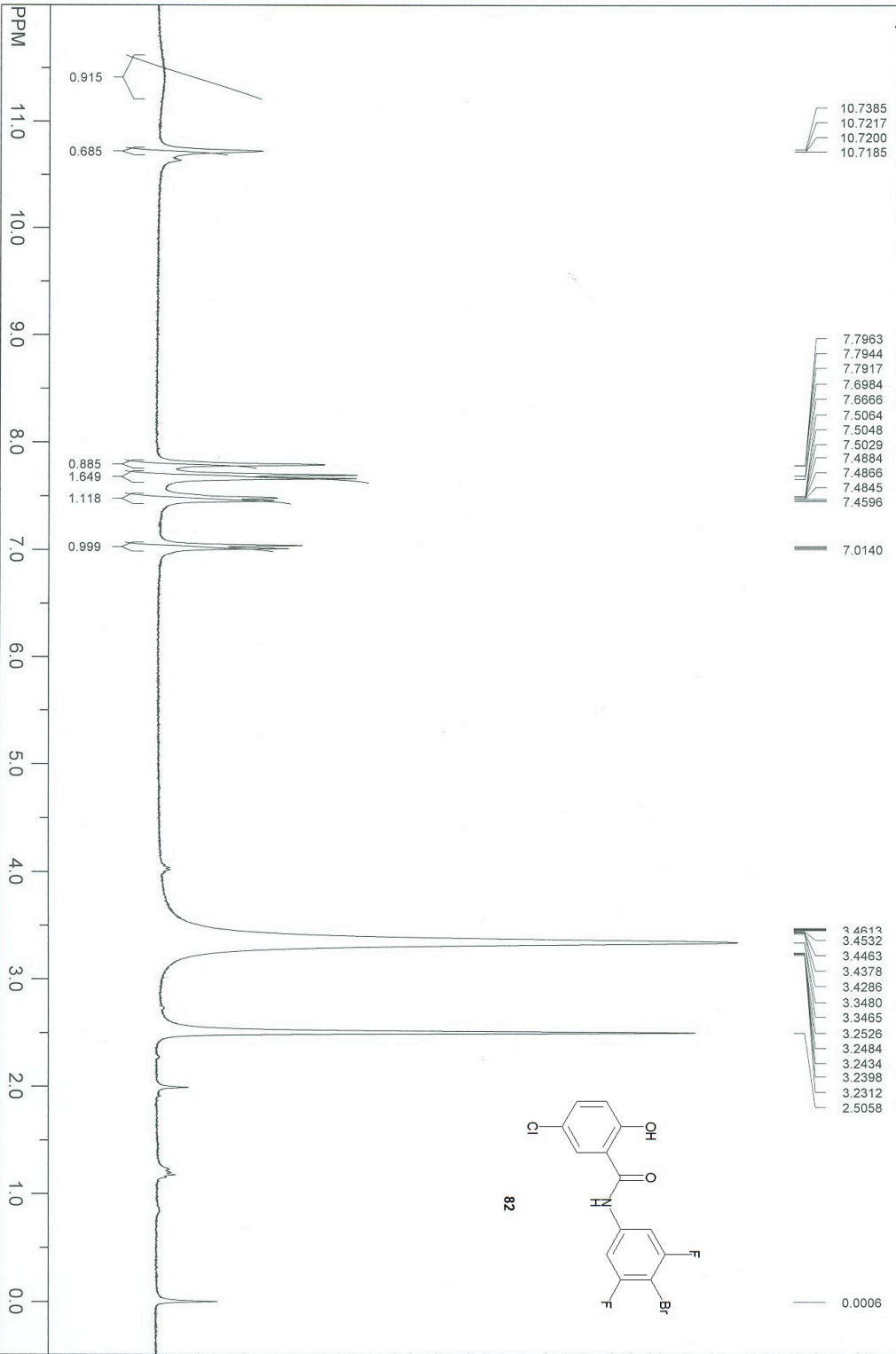
KRT1852

File: Proton

Pulse Sequence: szpu1



SpinWorks 2.4: KRT1267-4-1-DMSO



file: C:\Users\윤민준\Desktop\KRT1267-4-1-DMSO-121007.fid\td block# 1 exp: 's2pu'

transmitter freq: 299.970271 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.027229 ppm = 0.244070 Hz/pt

number of scans: 64

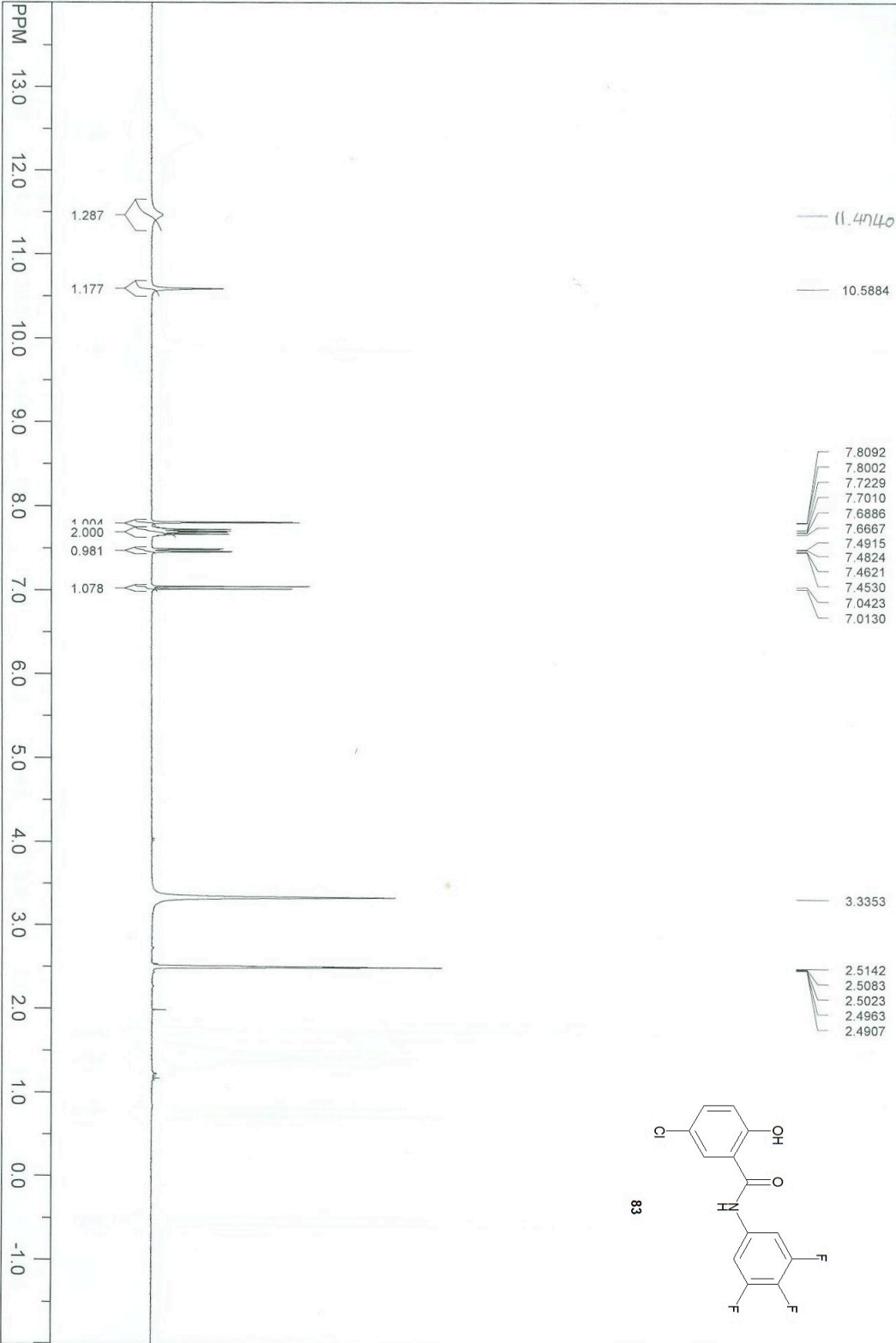
freq. of 0 ppm: 299.968469 MHz

processed size: 65536 complex points

LB: 0.000 GB: 0.0000

Hz/cm: 150.934 ppm/cm: 0.50316

SpinWorks 2.4: N-326



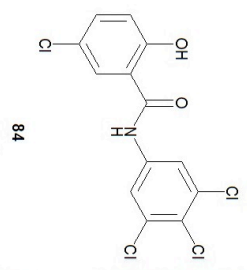
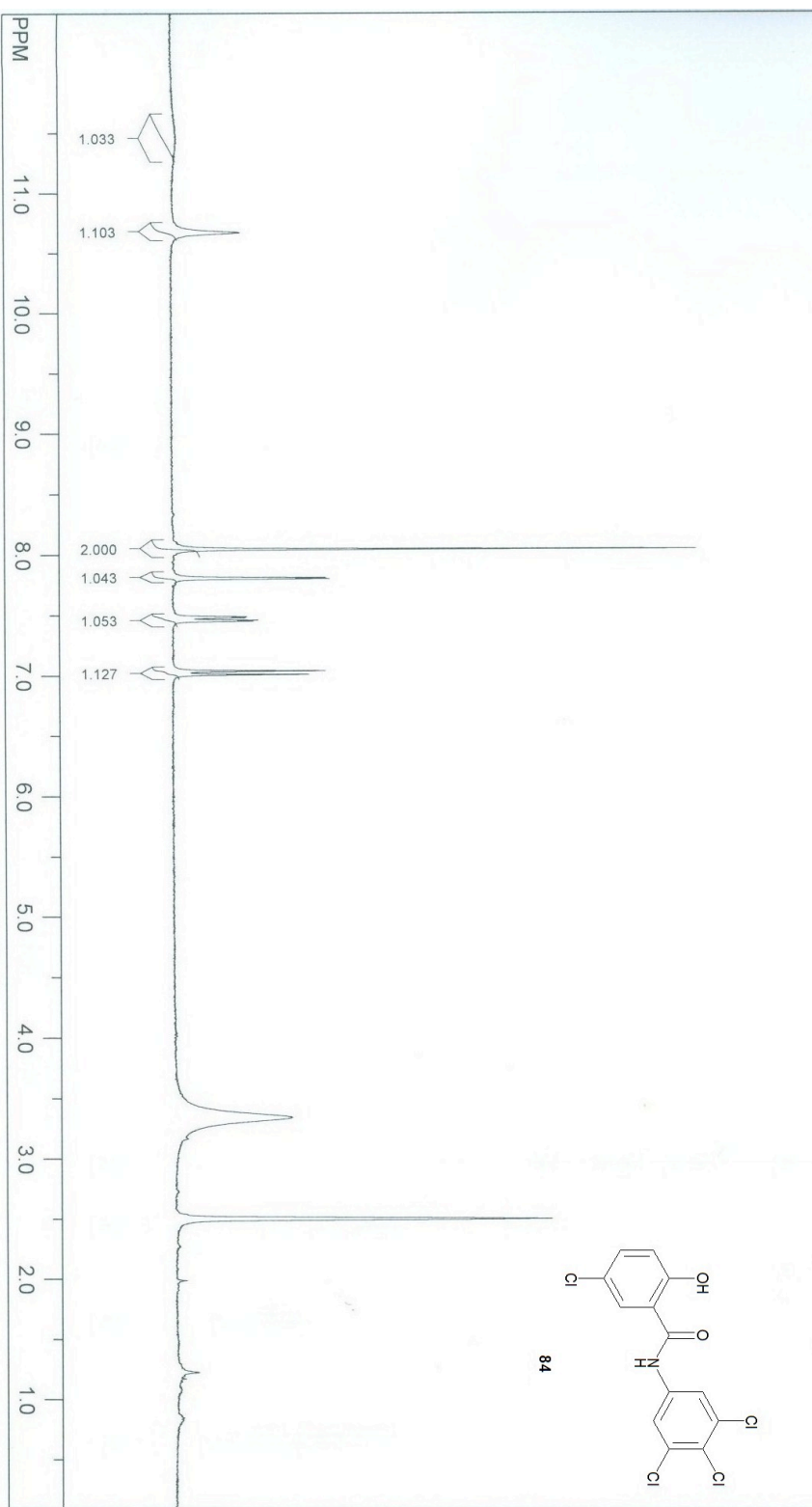
file: D:\남보란\N-326\fid\fid_block# 1 exp1: "s2pu1"
 transmitter freq.: 299.970343 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.968543 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 192.308 ppm/cm: 0.64109

SpinWorks 2.4: N-347

- 11.437
- 10.6757
- 8.0471
- 7.8124
- 7.8041
- 7.4896
- 7.4812
- 7.4606
- 7.4519
- 7.0389
- 7.0095

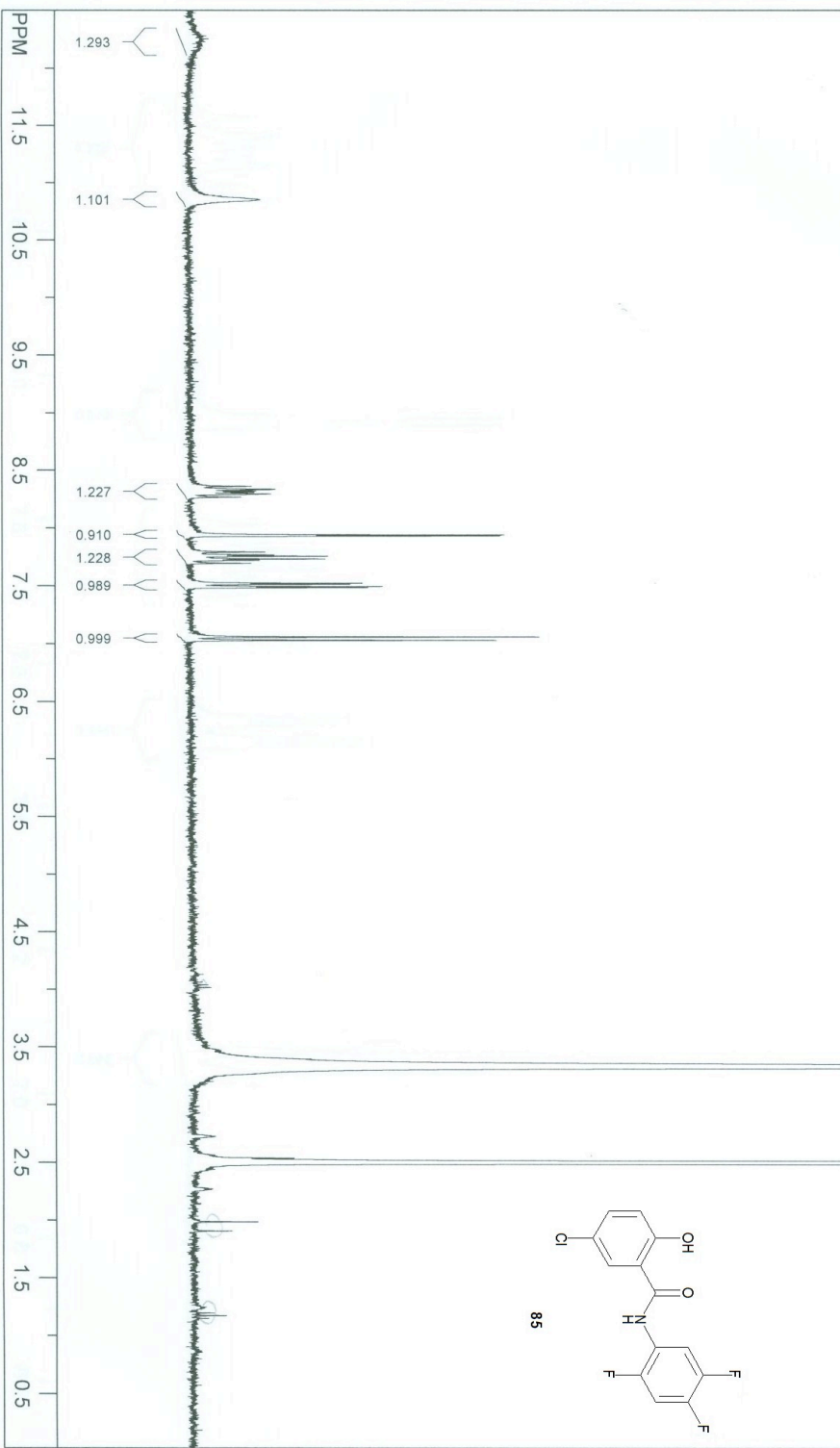
- 3.3938
- 3.3921
- 3.3743
- 3.3544
- 3.3527
- 3.3509
- 3.3479
- 3.3457
- 3.3439
- 3.3424
- 3.3402
- 3.3385
- 3.3348
- 3.3297
- 3.2957
- 2.5018



file: D:\남보리\NMR\N-347.fid\fid_block# 1 exp: "s2pu1"
transmitter freq.: 299.970343 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.968543 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
HZ/cm: 148.869 ppm/cm: 0.49628

SpinWorks 2.4: KRT1815



file: C:\민원\KRT1815.fid block# 1 exp: "s2pu"
 transmitter freq.: 299.970343 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.968543 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 149.722 ppm/cm: 0.49912

SpinWorks 2.4: KRT1249

12.1394
12.1360
12.1311
12.1277
12.1243
12.1217
12.1173
12.0840

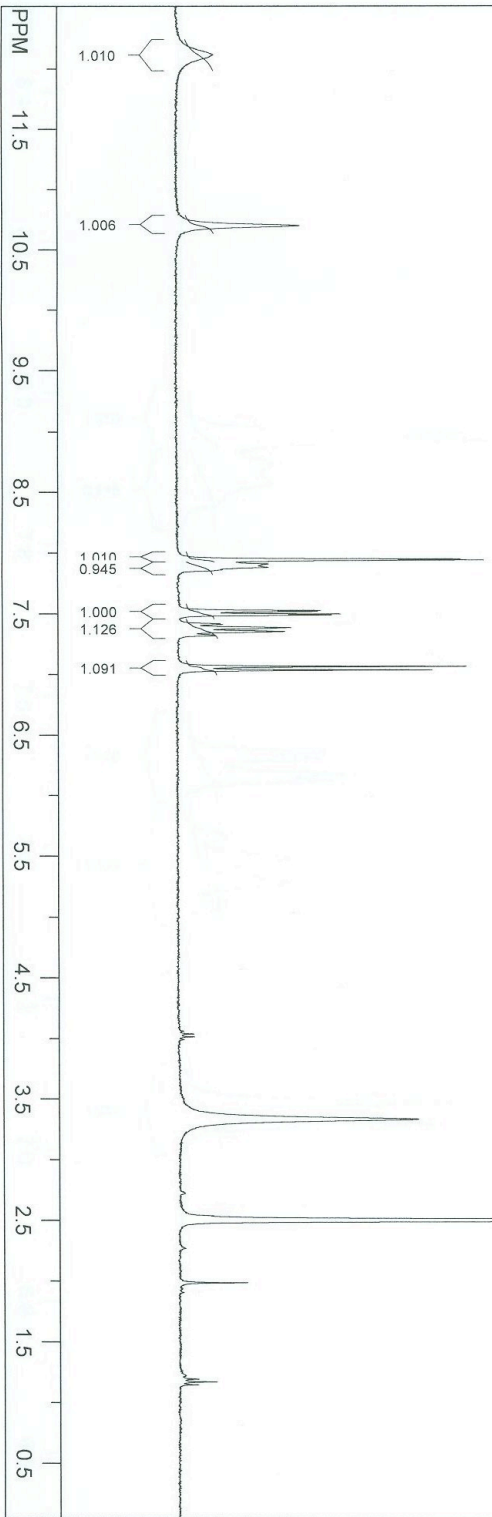
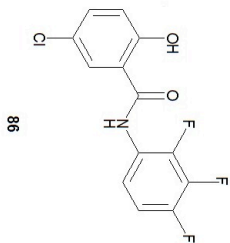
10.6686

7.8542

7.4993
7.4122
7.4012
7.3850
7.3528
7.3265
7.3224
7.0629
7.0336

3.3904
3.3883
3.3862
3.3827
3.3317
3.2921
3.2886
3.2783
2.5364
2.5350
2.5000
1.9863

1.1712



file: C:\M\KRT1249.fid\data_block# 1 exp: "s2pu"
transmitter freq.: 299.970343 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
number of scans: 8

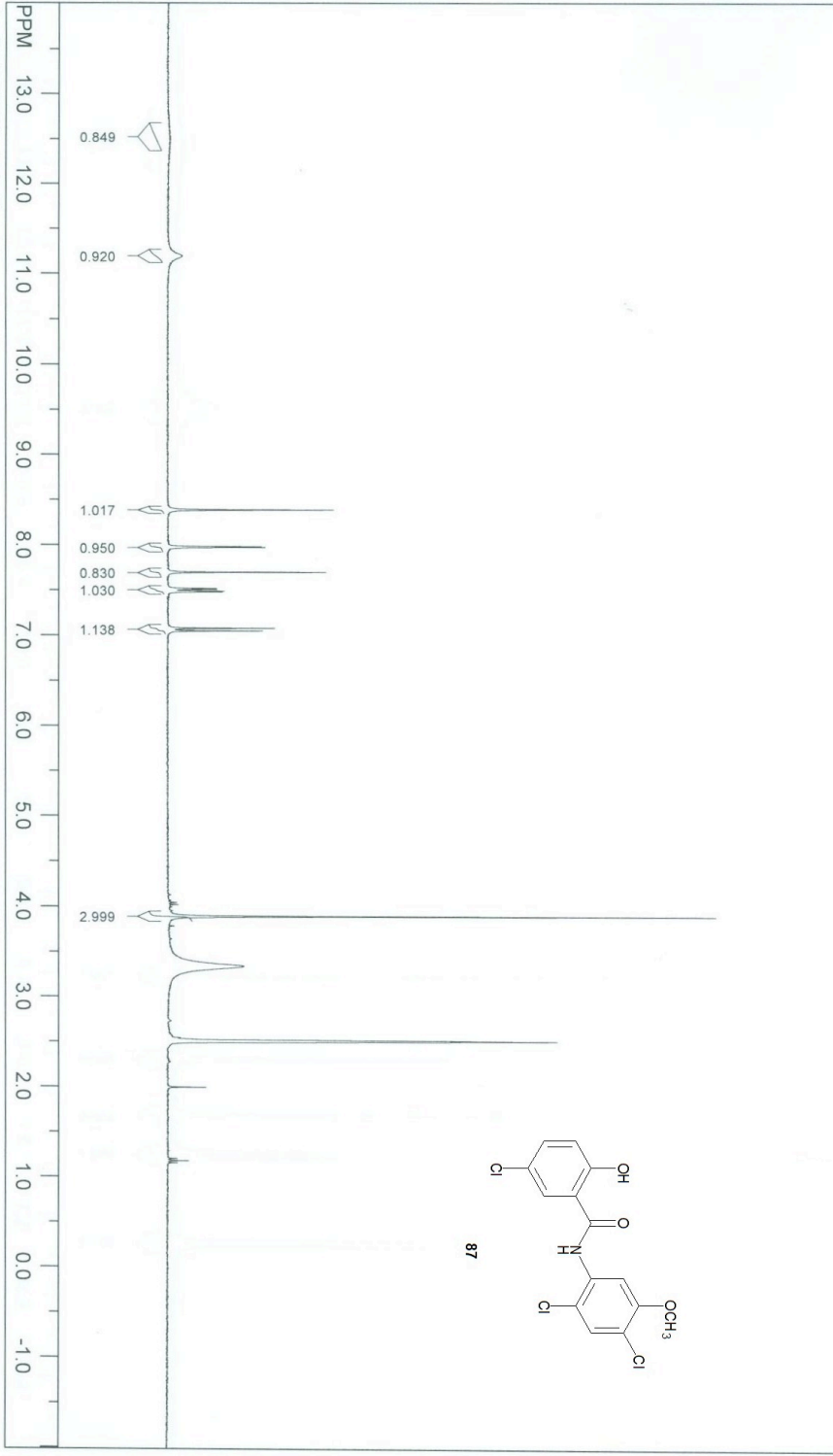
freq. of 0 ppm: 299.968543 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 149.722 ppm/cm: 0.49912

SpinWorks 2.4: N-324

12.4925
11.1977

8.3842
7.9776
7.9683
7.6950
7.5156
7.5065
7.4864
7.4773
7.0752
7.0459

3.8859
3.3684
3.3602
3.3453
3.3433
3.3402
3.3388
3.3368
3.3350
3.3331
3.3322
3.3300
3.3272
3.3251
3.3173
3.3110
3.3043
3.2999
2.5084
2.5030
2.4975



file: D:\남보리\N-324.fid\fid block# 1 exp: "s2pu"

transmitter freq.: 299.970343 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt

number of scans: 8

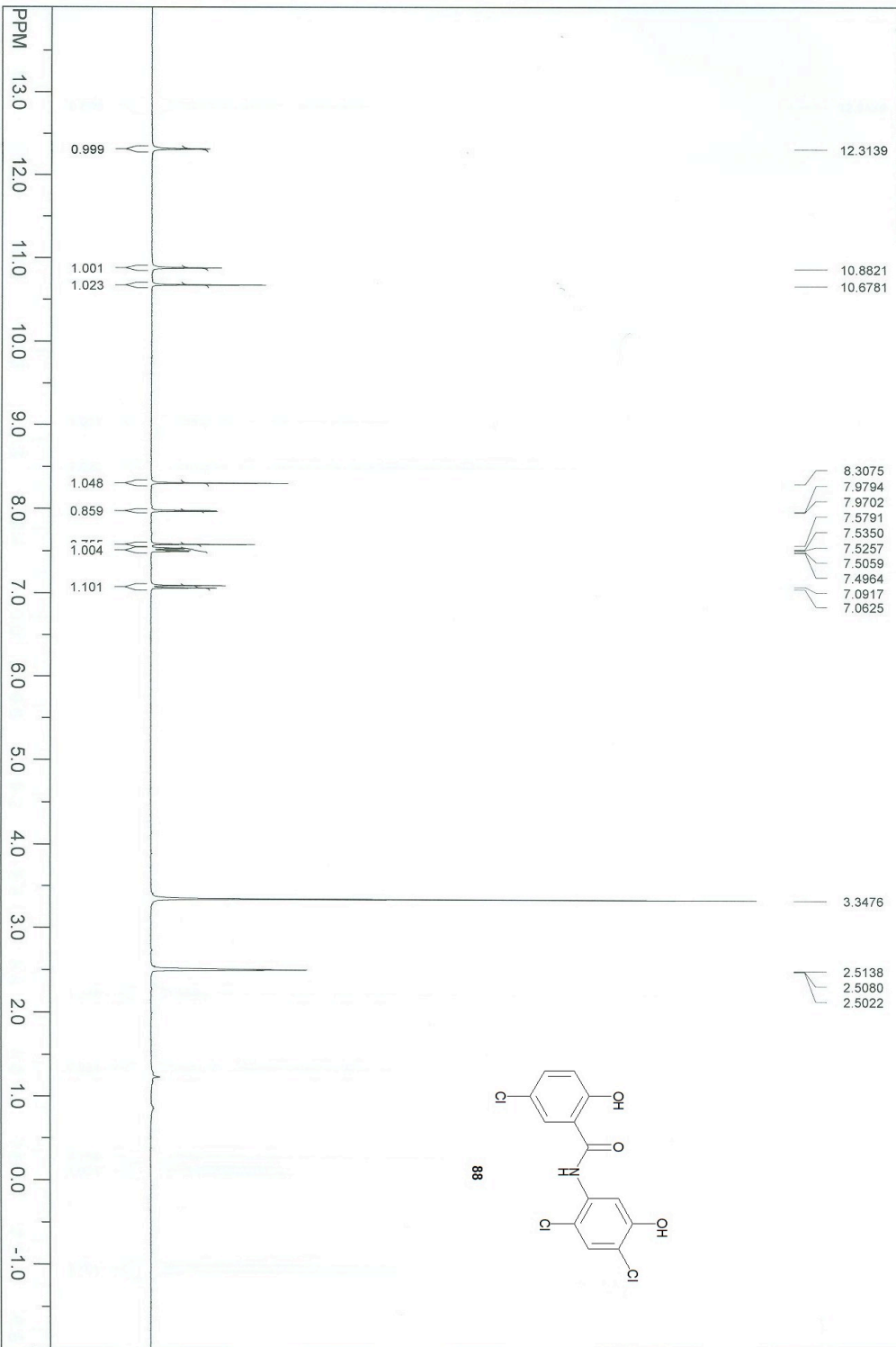
freq. of 0 ppm: 299.968543 MHz

processed size: 65536 complex points

LB: 0.200 GB: 0.0000

Hz/cm: 192.308 ppm/cm: 0.64109

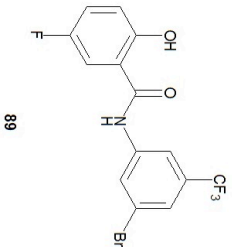
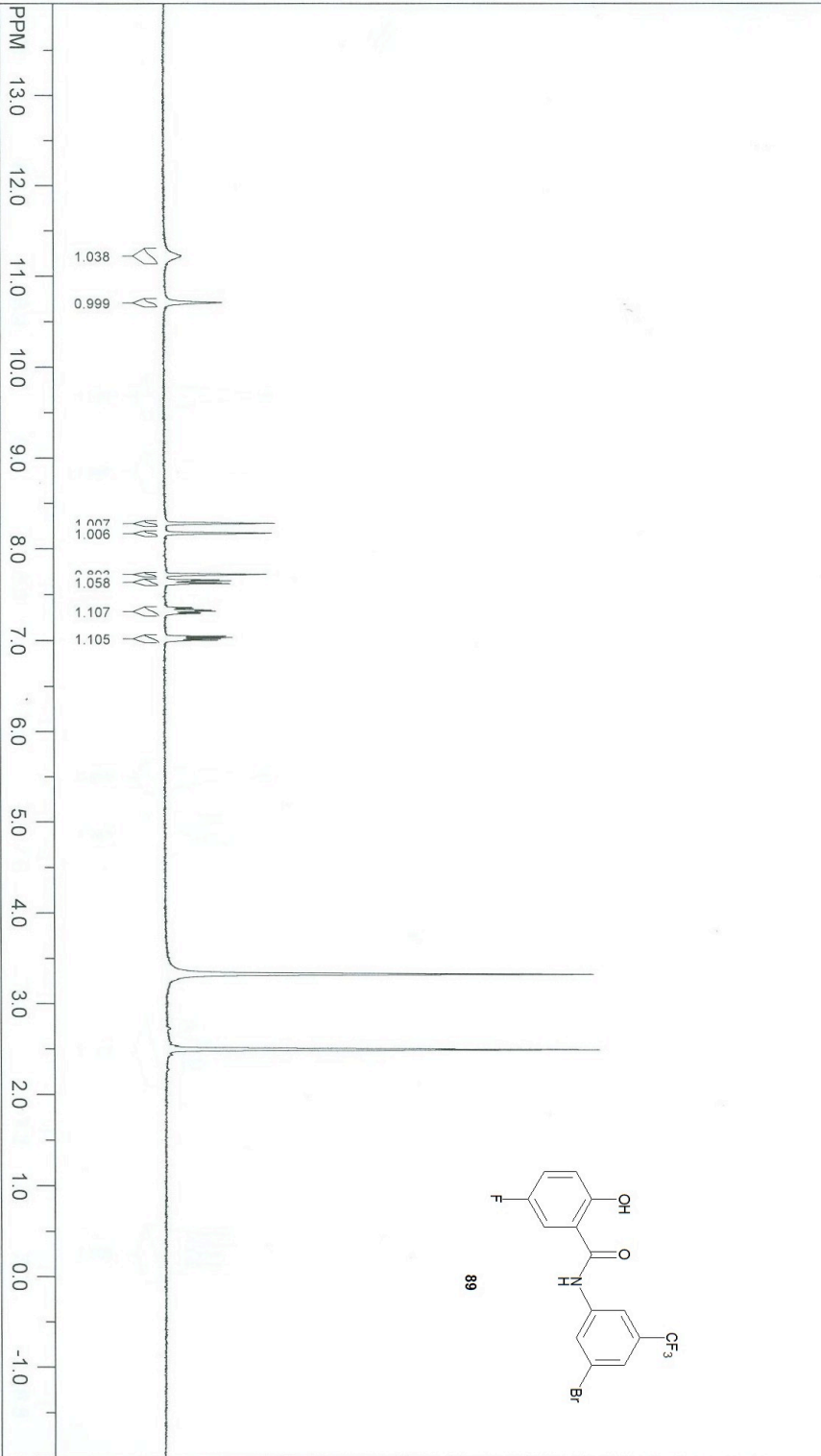
SpinWorks 2.4: N-330



file: C:\Documents and Settings\원국환\연구실\연구원\바탕 화면\NMR-borain-330.fid fid block# 1 expt "szpul" freq. of 0 ppm: 299.968542 MHz
 processed size: 65536 complex points
 Transmitter freq.: 299.970343 MHz
 LB: 0.200 GB: 0.0000
 time domain size: 19698 points
 Hz/cm: 192.308 ppm/cm: 0.64109
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8

SpinWorks 2.4: N-333

- II .2363
- 10.7086
- 10.7063
- 8.2811
- 7.7216
- 7.6634
- 7.6527
- 7.6320
- 7.6213
- 7.3608
- 7.3502
- 7.3316
- 7.3267
- 7.3205
- 7.3041
- 7.0492
- 7.0427
- 7.0340
- 7.0265
- 7.0192
- 7.0038
- 3.3329
- 2.5139
- 2.5083
- 2.5024
- 2.4965



file: D:\남보리\NMR\N-339.fid\fid block# 1 exp1: "2pu1"

transmitter freq.: 299.970343 MHz

time domain size: 19698 points

width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt

number of scans: 8

freq. of 0 ppm: 299.966543 MHz

processed size: 65536 complex points

LB: 0.200 GB: 0.0000

Hz/cm: 192.308 ppm/cm: 0.64109

SpinWorks 2.4: KRT1807

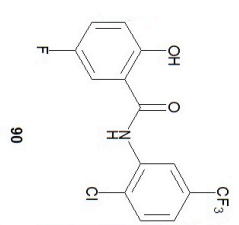
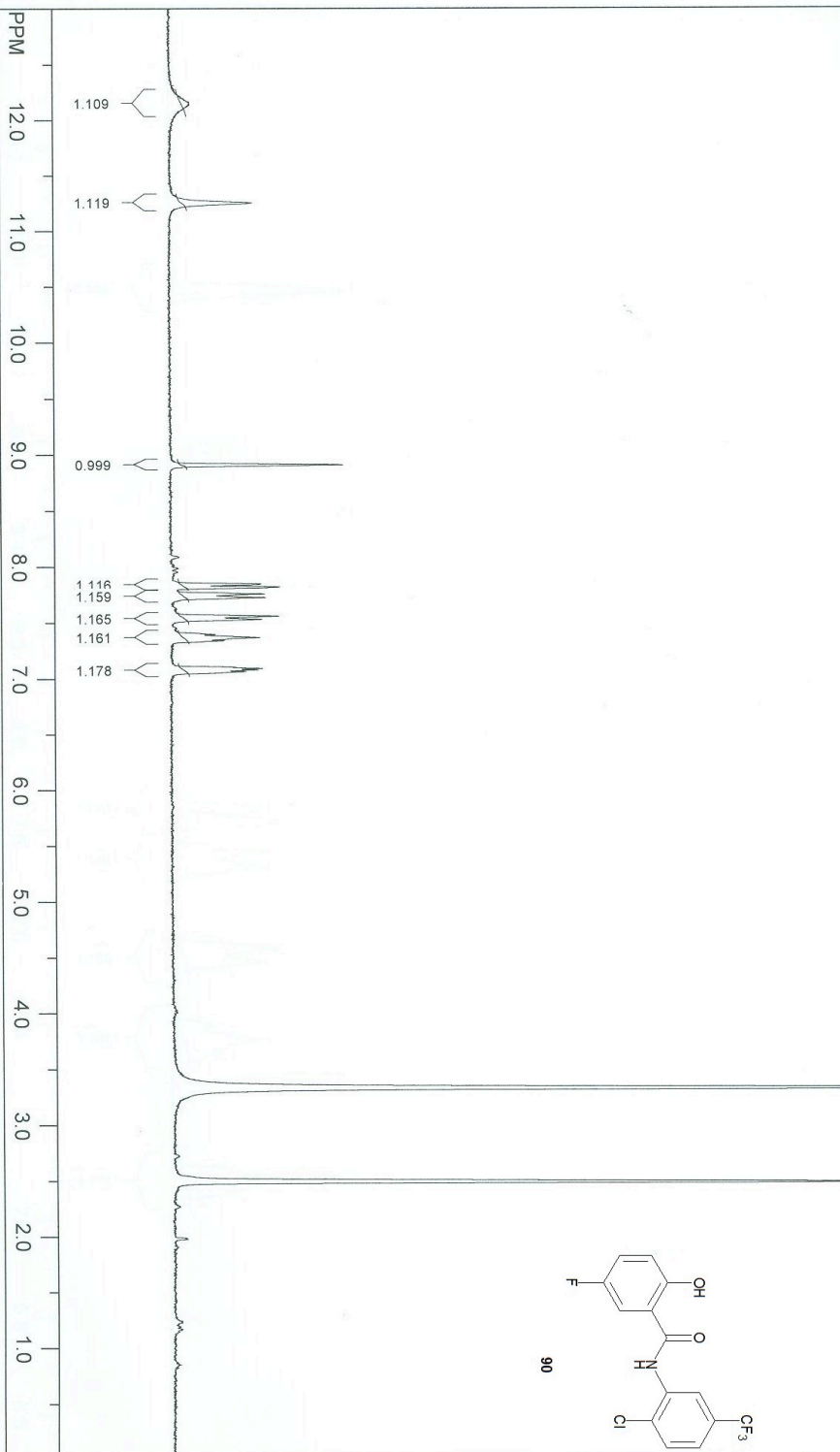
12.1750
12.1732
12.1683
12.1650
12.1611
12.1581
12.1552
12.1528
12.1493
12.1476
12.1172

11.2224

8.9068

7.7267
7.7261
7.5301
7.3414
7.0524

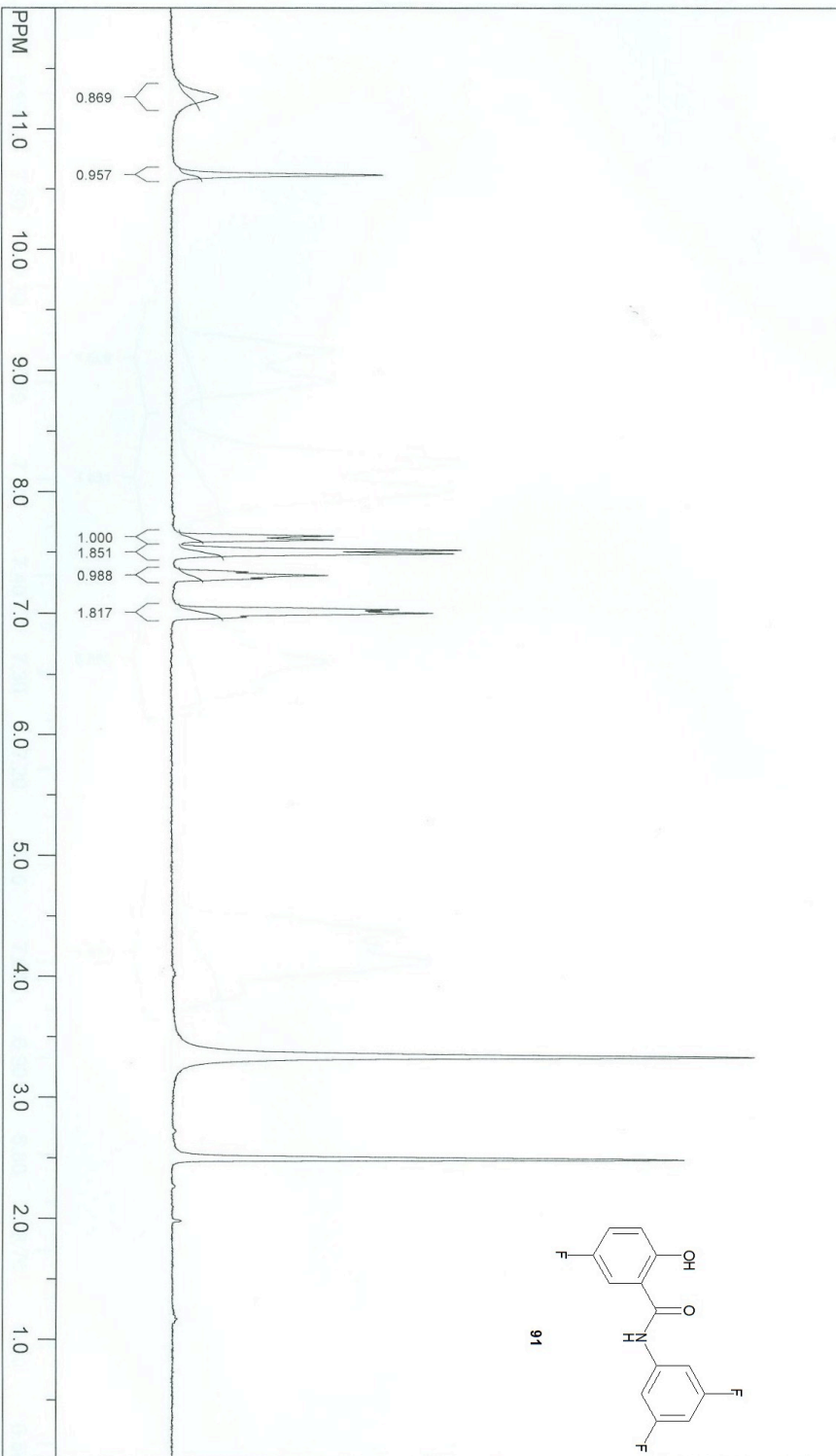
3.2850
3.2814
3.2783
3.2729
3.2695
3.2665
3.2639
3.2611
3.2588
3.2570
2.5403
2.5369
2.5000



file: C:\min\KRT1807\fid\fid_block# 1 exp1 "s2pu"
transmitter freq.: 299.970343 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.968632 MHz
processed size: 66536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 155.925 ppm/cm: 0.51980

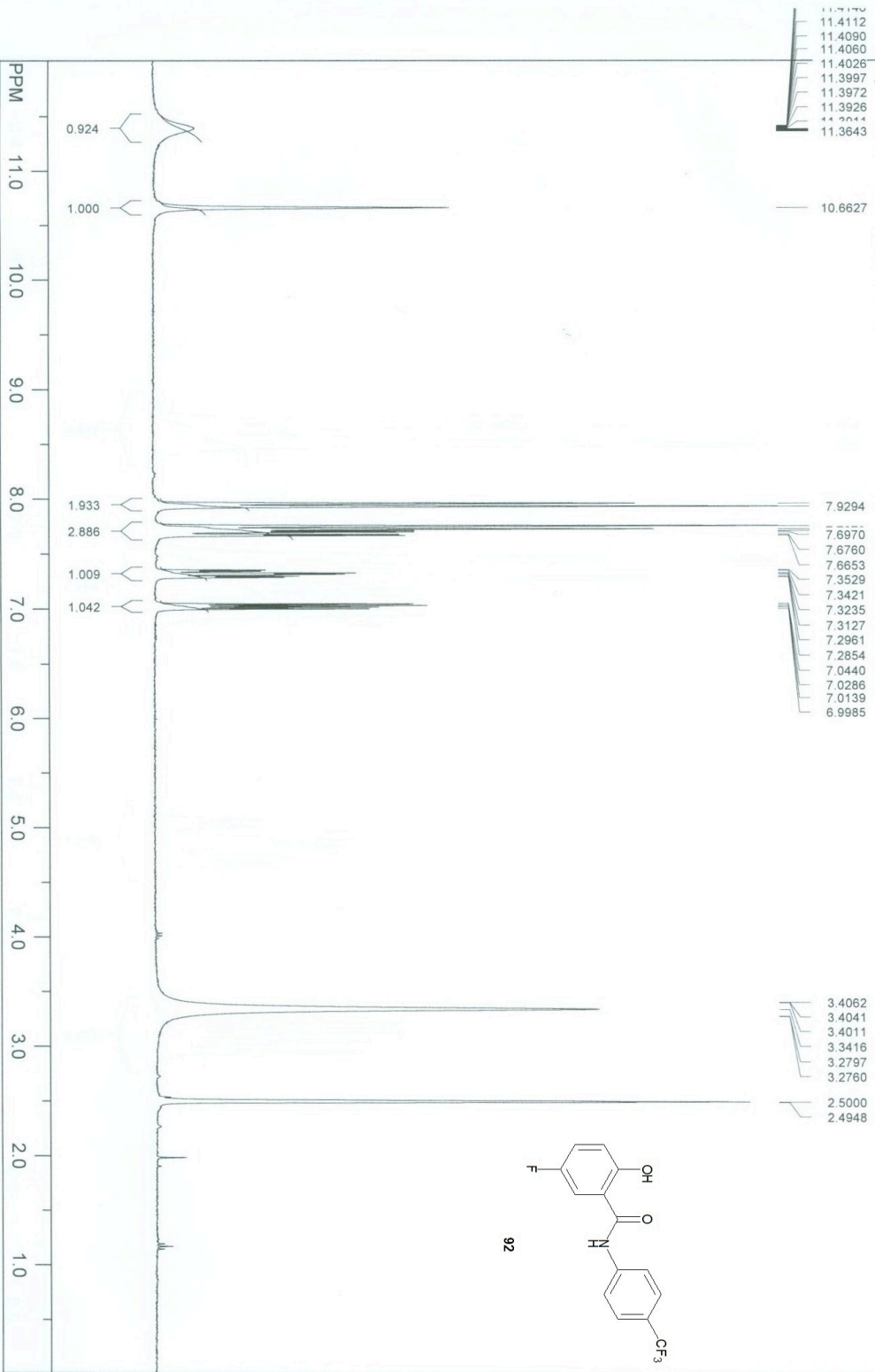
SpinWorks 2.4: KRT1808



file: C:\만\KRT1808.fid\fid block# 1 expt. "s2pu1"
 transmitter freq.: 299.970343 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.968639 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 144.189 ppm/cm: 0.48068

SpinWorks 2.4: KRT1809



SpinWorks 2.4: KRT1810

12.0174
12.0156
12.0094
12.0077
12.0044
12.0024

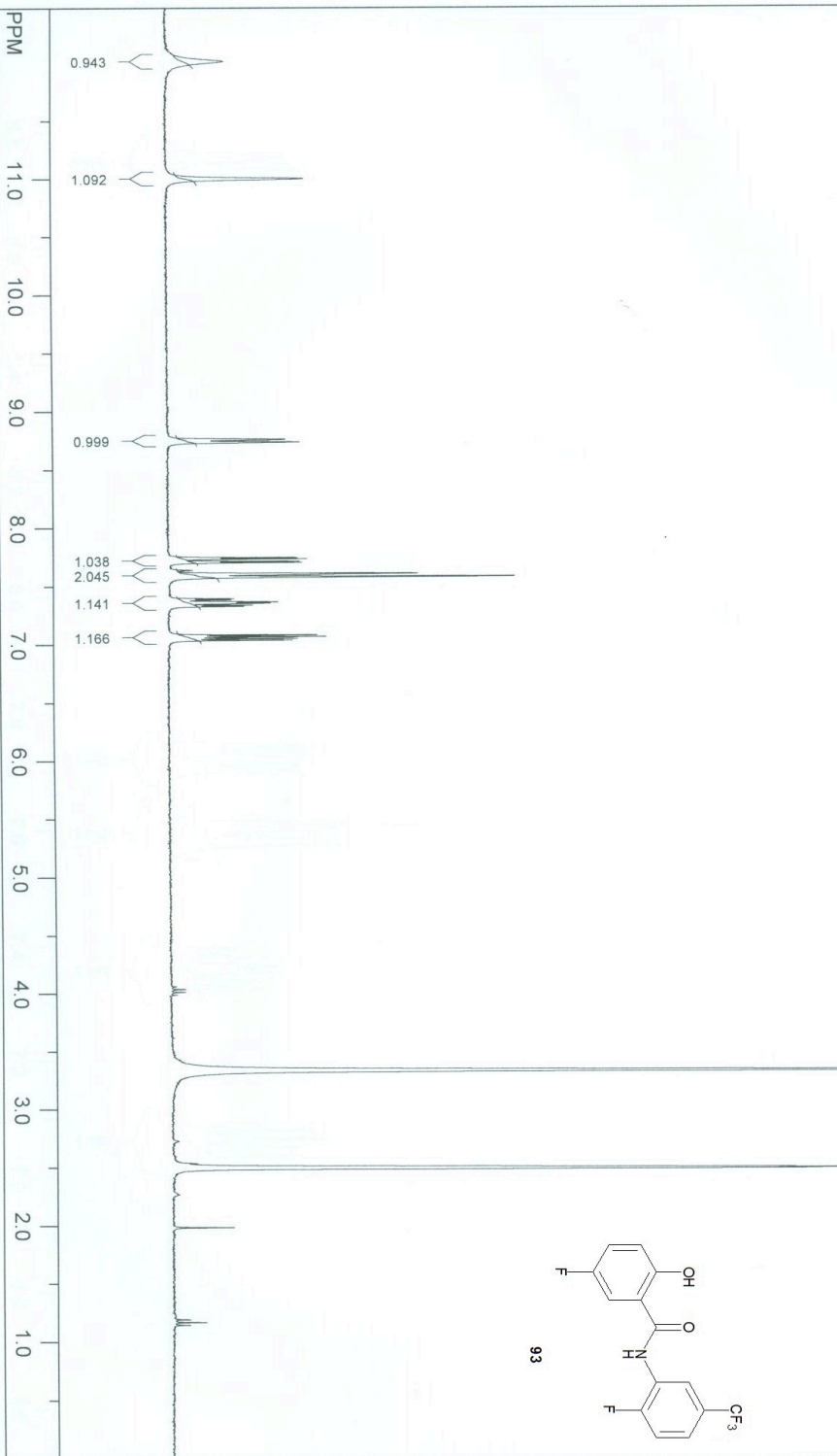
10.9989
10.9973

8.7591
8.7349

7.7452
7.7342
7.7131
7.7022
7.5997
7.5810
7.3944
7.3835
7.3651
7.3543
7.3385
7.3274
7.0821
7.0670
7.0523
7.0370

3.3385

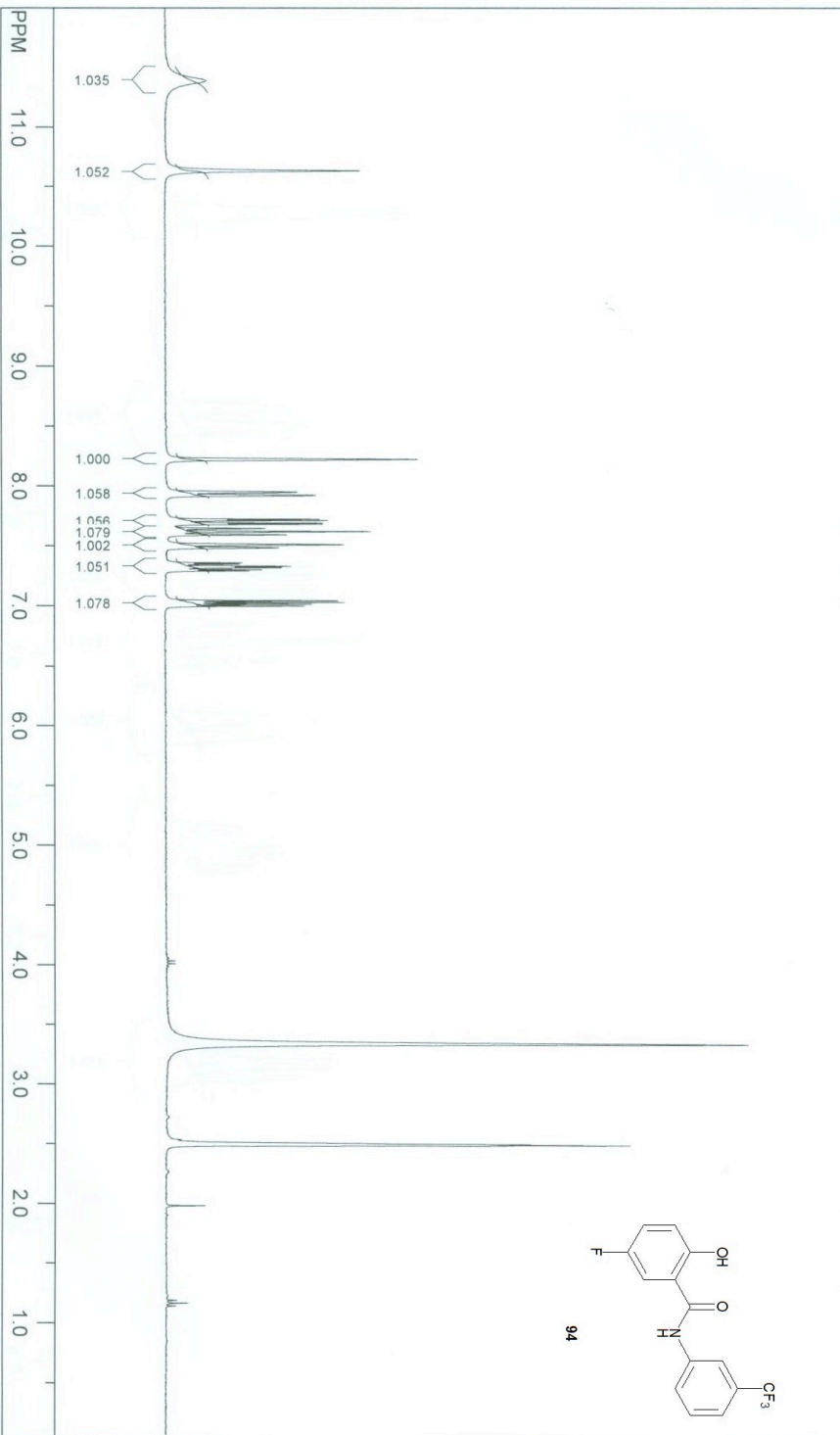
2.5055
2.5000
2.4946
1.9860



file: C:\min\KRT1810\fid\fid block# 1 expt: "s2pu1"
transmitter freq.: 299.970343 MHz
time domain size: 19698 points
width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
number of scans: 8

freq. of 0 ppm: 299.968544 MHz
processed size: 65536 complex points
LB: 0.200 GB: 0.0000
Hz/cm: 149.722 ppm/cm: 0.49912

SpinWorks 2.4: KRT1811



file: C:\민원\KRT1811.fid\fid block# 1 exp\ "szpul"
 transmitter freq.: 299.970343 MHz
 time domain size: 19698 points
 width: 4807.69 Hz = 16.027225 ppm = 0.244070 Hz/pt
 number of scans: 8

freq. of 0 ppm: 299.968544 MHz
 processed size: 65536 complex points
 LB: 0.200 GB: 0.0000
 Hz/cm: 143.686 ppm/cm: 0.47900