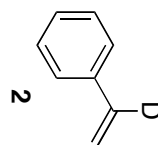


α -Selective Ni-Catalyzed Hydroalumination of Aryl and Alkyl-Substituted Terminal Alkynes. Practical Syntheses of Internal Vinyl Aluminums, Halides or Boronates

Fang Gao and Amir H. Hoveyda*

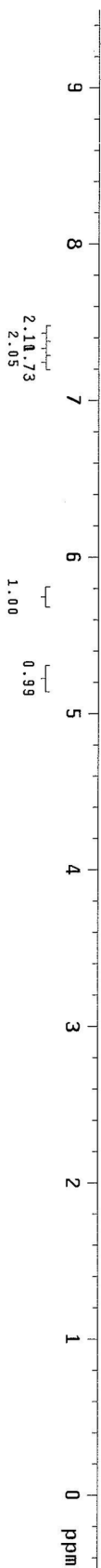
*Department of Chemistry, Merkert Chemistry Center,
Boston College, Chestnut Hill, Massachusetts 02467*

SUPPORTING INFORMATION, PART II



Sample: FG-III-281-D
 Samps/6: IPr-cd020091113_007
 File: /home/ahh/vnmr/sys/data/FG-III-281-D.fid
 SAMPLE SPECIAL
 Pulse Sequence: zgpg30 temp 25.0
 solvent cdcl3 gain not used
 file /home/ahh/vnmr/spin 20
 rsys/data/FG-III-281-D.fid hst 0.008
 III-281-D.fid pw90 11.000
 ACQUISITION 10.000
 SW 6410.3
 at 2.049 11
 np 26264 1n
 fb 4000 dp
 bs 32 hs
 ss 2
 DI 1.000 fn
 nt 8
 ct 8
 TRANSMITTER 8 SP
 tn 7 WP
 strq 399.786 rfp 3997.8
 tof 399.8 rfp 3701.2
 tpwr 60 1p 2902.4
 pw 5.500 PLOT 101.3
 DECOUPLER WC 250
 dn C13 SC 0
 dof 0 VS 3000
 dm 0 VS 3000
 dmm nmn th 50
 dpwr C ai
 dmf 29412 ph

PROCESsing 65536
 DISPLAY -200.0
 3997.8
 3701.2
 2902.4
 101.3



Sample: FG-III-211-B-D
 SampleID: I:\prospect\0090830_008
 File: /home/ahn/vnmrSYS/data/FG-III-211-B-D.fid
 SPECIAL

PARAMETER: 290K 1 temp 28.0
 solvent cdcl3 gain not used
 file /home/ahn/vnmr spin not used
 rsys/data/FG-III-211-B-D.fid pw90 0.008
 III-211-B-D.fid pw90 1.000
 ACQUISITION alfa 10.000

SW 6410.3 f1
 ac 2.049 f1
 np 26264 in
 td 4000 dp
 ds 32 hs
 ss 2
 d1 1.000 fn
 nt 8
 ct 8

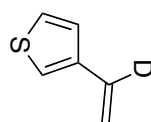
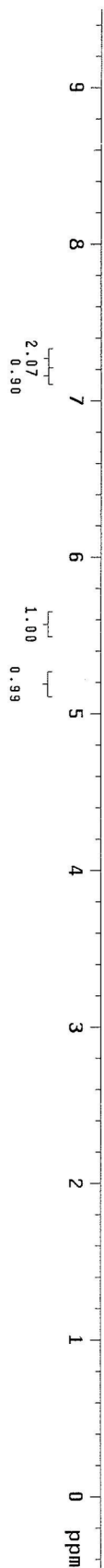
TRANSMITTER H1
 tn wp
 strq 399.786 rfp
 lof 399.8 rfp
 tpwr 60 tp
 pw 5.500

DECOUPLER WC
 dn C13
 dof 0 vs
 dm 0 th
 dmm nn
 dpwr C
 dmf 35
 294112

PH

PROCESSING
 DISPLAY 65536
 -200.0
 3997.8
 3702.4
 2902.4
 82.2
 0

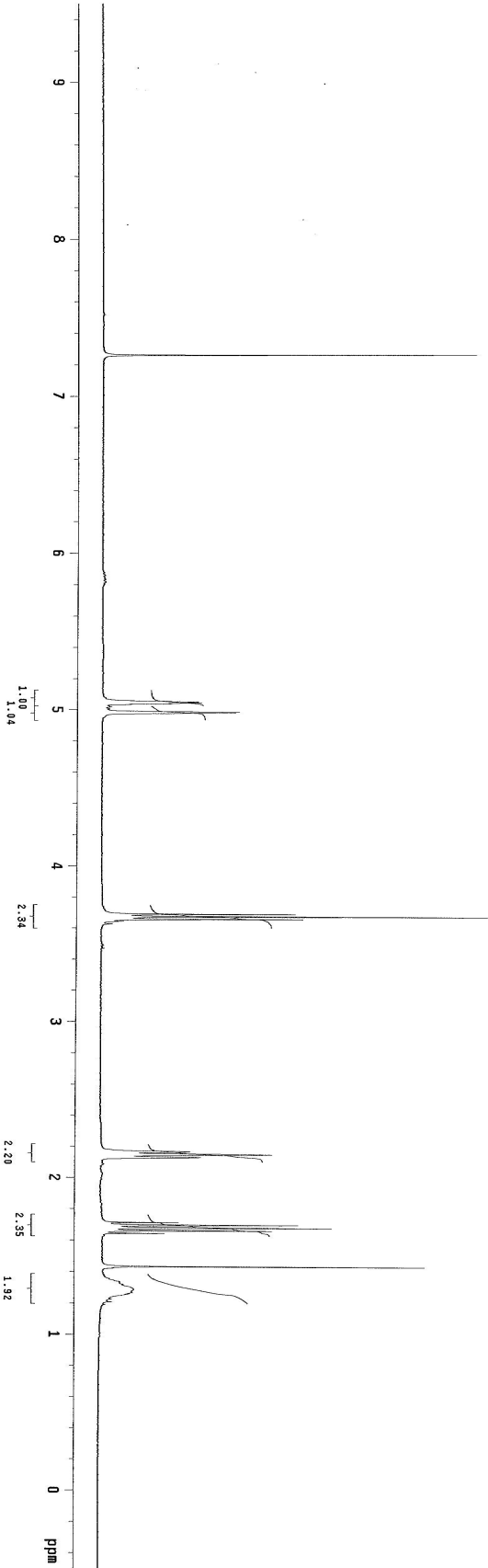
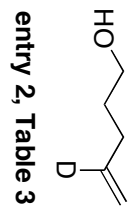
PLOT
 250
 0
 400
 50



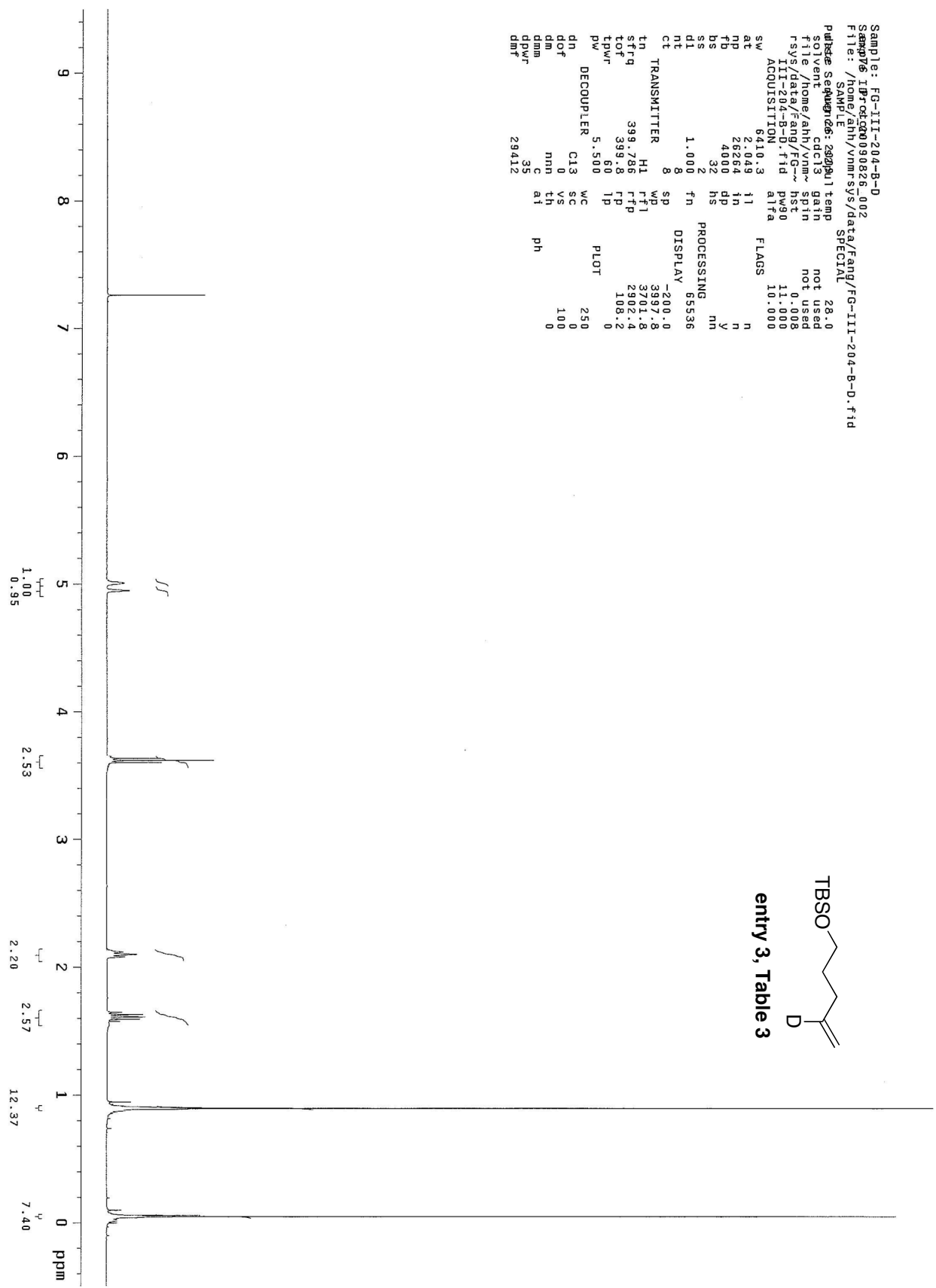
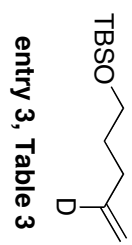
entry 11, Table 2


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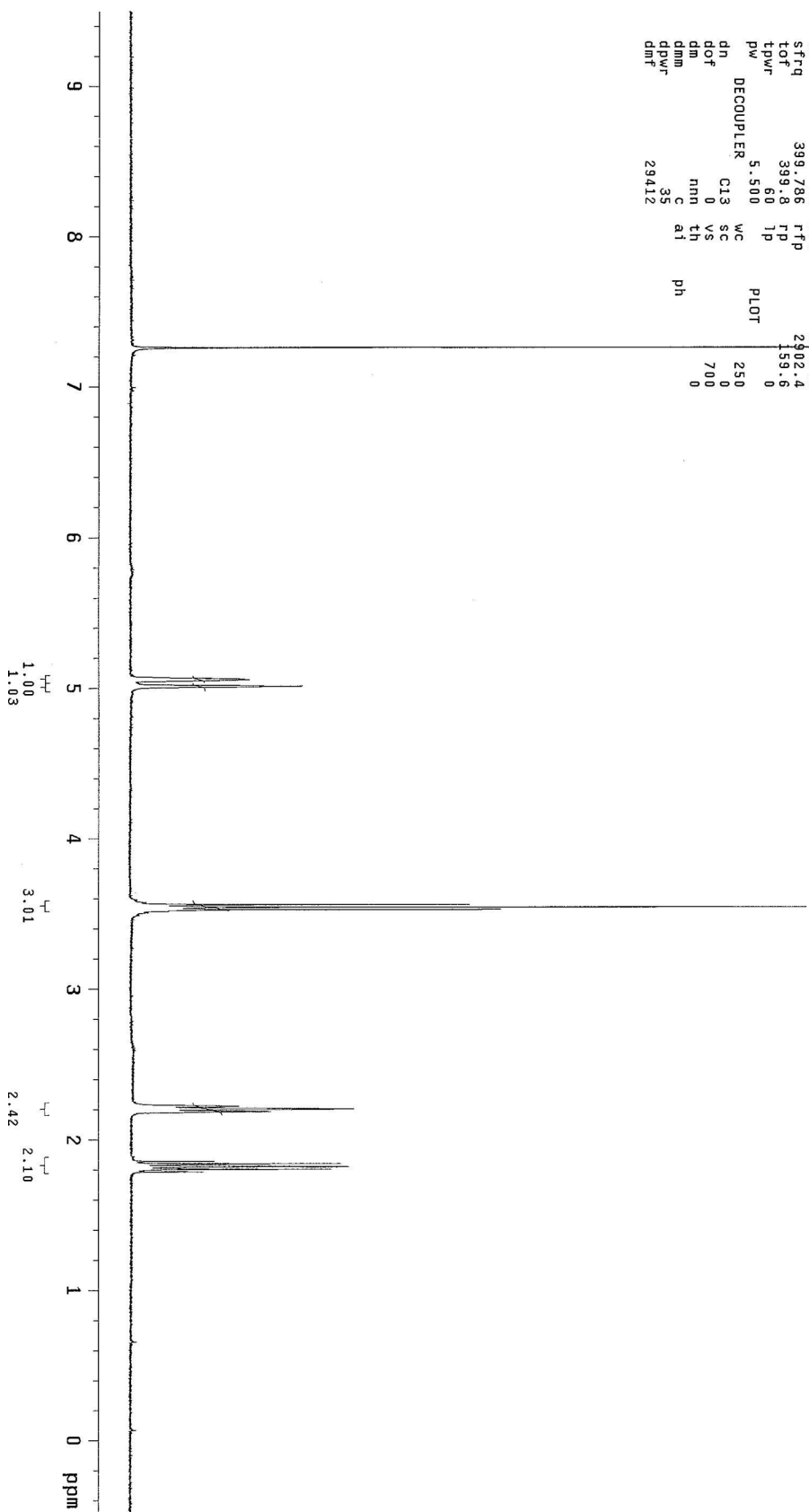
Sample: FC-1V-032-D-pdt
Name: FC-1V-032-D-pdt
File: /home/brh/mms/sgs/data/FC-1V-132-D-pdt.fid
PulseProgram: zgpg30
Solvent: cdc13
Acquisition: 6410.3
Processing: 55396
Display: 3997.8
Plot: 380
  
```



Sample: FG-III-204-B-D
 Sample IPr: 09090826_002
 File: /home/ahh/vnmr/sys/data/fang/FG-III-204-B-D.fid
 SAMPLE SPECIAL
 Name: 29412
 Date: 2004-08-10
 Time: 10:00
 Pulse Sequence: zgpg30
 Solvent: CDCl3
 Title: /home/ahh/vnmr/sys/data/fang/FG-III-204-B-D.fid
 F2: 204.830 MHz
 F1: 204.830 MHz
 ACQUISITION
 SW 6410.3 Hz
 AT 2.049 s
 NP 26264
 FD 4000
 BS 32
 SS 2
 DI 1.000 s
 NT 8
 CT 8
 TRANSMITTER H1
 TN H1
 SFRQ 399.786 MHz
 TOF 399.8 MHz
 TP 60
 PW 5.500
 DECOUPLER C13
 DN C13
 DOF 0
 DM nnn
 DMM th
 C at
 DPWR 35
 DMF 29412

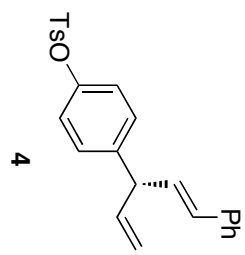
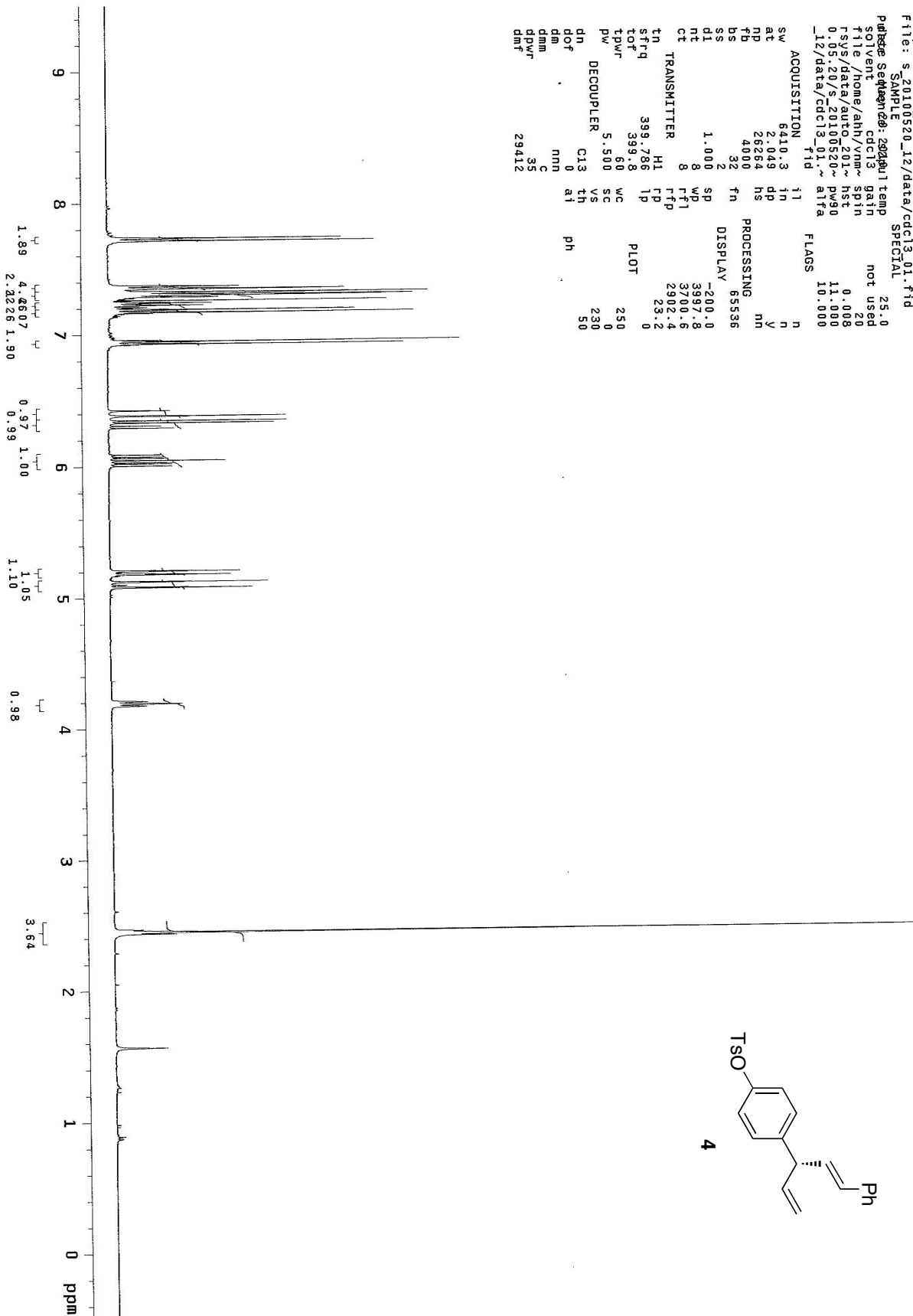


Sample: FG-IV-019-D
 Sexp076 IPrc08091217_004
 File: /home/abh/vnmr-sys/data/Fang/FG-IV-019-D.fid
 SPECIAL
 pubSize: SeqLen: 280961 temp 25.0
 solvent cdcl3 gain not used
 file /home/abh/vnmr-sys/data/Fang/FG-IV-019-D.fid hsf 0.008
 rsys/data/Fang/FG-IV-019-D.fid pw90 11.000
 ACQUISITION: 6410.3 atfa 10.000
 SW 2.049 f1
 AT 26284 in
 NP 4090 dp
 DS 32 ns
 SS 2
 DI 1.000 fn
 NT 8
 CT 8
 TRANSMITTER H1 SP
 tn WP 300.0
 stfq H1 rftl 3997.8
 tof rfp 3702.2
 tpwr 399.8 rfp 2902.4
 pw 60 lp 159.6
 DECOUPLER WC PLOT
 dn C13 SC 250
 dof 0 VS 0
 dm 0 th 700
 dmm C at
 dpwr 35
 dmf 29412

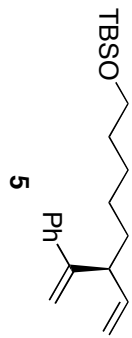


entry 4, Table 3

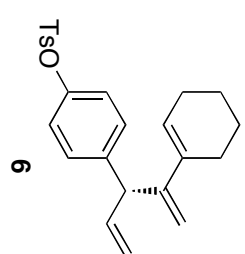
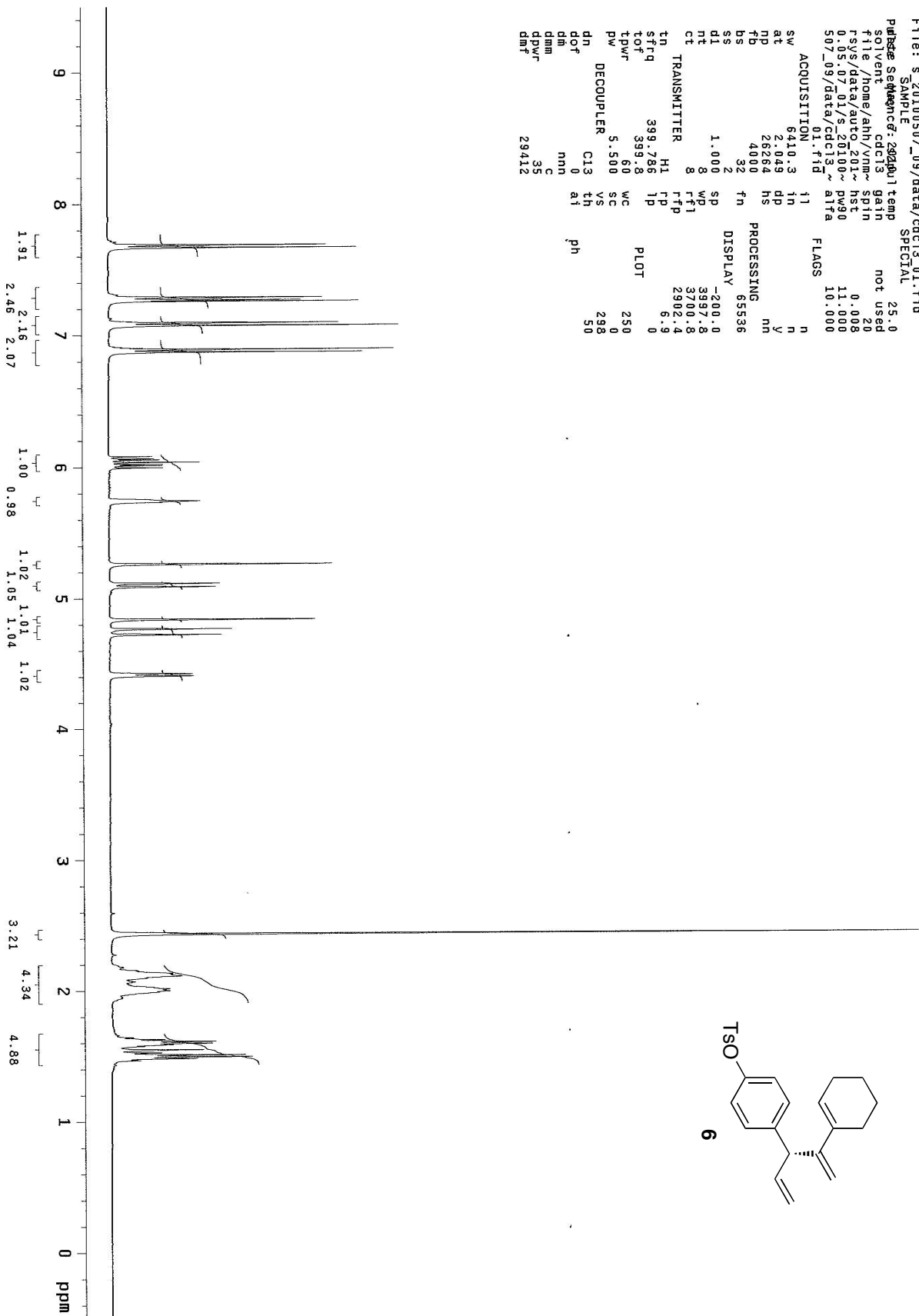
Sample: FG-IV-281-A-pdt
 Sample: FG-IV-281-A-pdt
 File: s_20100520_12\data/cdcl3_01.fid
 File: s_20100520_12\data/cdcl3_01.fid
 Sample: SPECIAL
 Pulse Sequence: zgpg30
 Date_Time: 20100520 10:00
 Solvent: cdcl3
 F1: 201.263
 F2: 201.263
 F3: 201.263
 F4: 201.263
 F5: 201.263
 F6: 201.263
 F7: 201.263
 F8: 201.263
 F9: 201.263
 F10: 201.263
 F11: 201.263
 F12: 201.263
 F13: 201.263
 F14: 201.263
 F15: 201.263
 F16: 201.263
 F17: 201.263
 F18: 201.263
 F19: 201.263
 F20: 201.263
 F21: 201.263
 F22: 201.263
 F23: 201.263
 F24: 201.263
 F25: 201.263
 F26: 201.263
 F27: 201.263
 F28: 201.263
 F29: 201.263
 F30: 201.263
 F31: 201.263
 F32: 201.263
 F33: 201.263
 F34: 201.263
 F35: 201.263
 F36: 201.263
 F37: 201.263
 F38: 201.263
 F39: 201.263
 F40: 201.263
 F41: 201.263
 F42: 201.263
 F43: 201.263
 F44: 201.263
 F45: 201.263
 F46: 201.263
 F47: 201.263
 F48: 201.263
 F49: 201.263
 F50: 201.263
 F51: 201.263
 F52: 201.263
 F53: 201.263
 F54: 201.263
 F55: 201.263
 F56: 201.263
 F57: 201.263
 F58: 201.263
 F59: 201.263
 F60: 201.263
 F61: 201.263
 F62: 201.263
 F63: 201.263
 F64: 201.263
 F65: 201.263
 F66: 201.263
 F67: 201.263
 F68: 201.263
 F69: 201.263
 F70: 201.263
 F71: 201.263
 F72: 201.263
 F73: 201.263
 F74: 201.263
 F75: 201.263
 F76: 201.263
 F77: 201.263
 F78: 201.263
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 F96: 201.263
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 F100: 201.263
 F101: 201.263
 F102: 201.263
 F103: 201.263
 F104: 201.263
 F105: 201.263
 F106: 201.263
 F107: 201.263
 F108: 201.263
 F109: 201.263
 F110: 201.263
 F111: 201.263
 F112: 201.263
 F113: 201.263
 F114: 201.263
 F115: 201.263
 F116: 201.263
 F117: 201.263
 F118: 201.263
 F119: 201.263
 F120: 201.263
 F121: 201.263
 F122: 201.263
 F123: 201.263
 F124: 201.263
 F125: 201.263
 F126: 201.263
 F127: 201.263
 F128: 201.263
 F129: 201.263
 F130: 201.263
 F131: 201.263
 F132: 201.263
 F133: 201.263
 F134: 201.263
 F135: 201.263
 F136: 201.263
 F137: 201.263
 F138: 201.263
 F139: 201.263
 F140: 201.263
 F141: 201.263
 F142: 201.263
 F143: 201.263
 F144: 201.263
 F145: 201.263
 F146: 201.263
 F147: 201.263
 F148: 201.263
 F149: 201.263
 F150: 201.263
 F151: 201.263
 F152: 201.263
 F153: 201.263
 F154: 201.263
 F155: 201.263
 F156: 201.263
 F157: 201.263
 F158: 2.64
 F159: 1.10
 F160: 1.00
 F161: 0.97
 F162: 1.90
 F163: 2.4226
 F164: 4.607
 F165: 1.89



Sample: F3-IV-27-A-pdt-1H
 F1: 1H NMR
 Pulse Sequence: zgpg30
 date: Apr 29 2010 temp: SPECIAL 25.0
 solvent: cdcl3 gain: not used
 file: ACQUISITION exp spin 0.020
 SW ACQUISITION: 8012.8 MHz 7.600
 at: 2.749 offset 10.000
 pp: 32839 f1
 bs: 400 d in n
 ss: 2 dp n
 d1: 1.000 hs PROCESSING: nm
 nt: 40 tn DISPLAY: 85336
 TRANSMITTER: 40
 tn: -50.1
 fh: 493.869 HI SP
 stf: 493.869 MHz 488.7
 f1: 493.869 MHz 488.7
 tpw: 51 rfp 38229.2
 pv: 3.800 fp 117.7
 do: DECOUPLER: C13 PLOT: 0
 dof: 0 wc 380
 da: mm sc 40
 dm: 5 vs 40
 de: 3 vs 12
 def: 32256 ai ph

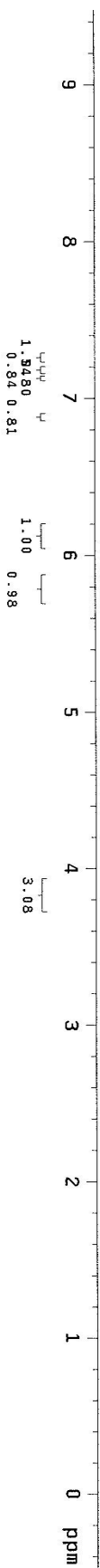
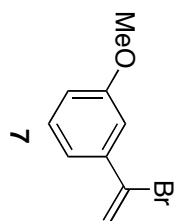


Sample: FG-IV-258-B-pdt
 Sample Path: s20100507_09
 File: s_20100507_09\data/cdcl3_01.fid
 SPECIAL
 PULSE SEQUENCE: zgpg1 temp 25.0
 solvent cdcl3 gain not used
 file /home/ah/vnm~ spin 20
 rsys/data/auto_201~ hst 0.008
 0.05_07_01/s_20100~ pw90 11.000
 507_09/data/cdcl3~ atfa 10.000
 01.fid
 ACQUISITION
 sw 6410.3 f1
 at 2.049 dp
 np 26254 hs
 fb 4000
 bs 32 fn
 ss 1.000 sp
 dl 8 wd
 nl 8 rfl
 ct 8 rfp
 TRANSMITTER H1
 tn 399.728 lp
 strq 399.728 wc
 tot 60 sc
 tpwr 5.500
 pw DECOUPLER C13
 dn 0 at
 dof 0
 dm nnn
 dmm C
 dpwr 35
 dmf 29412

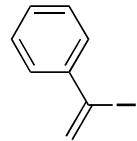
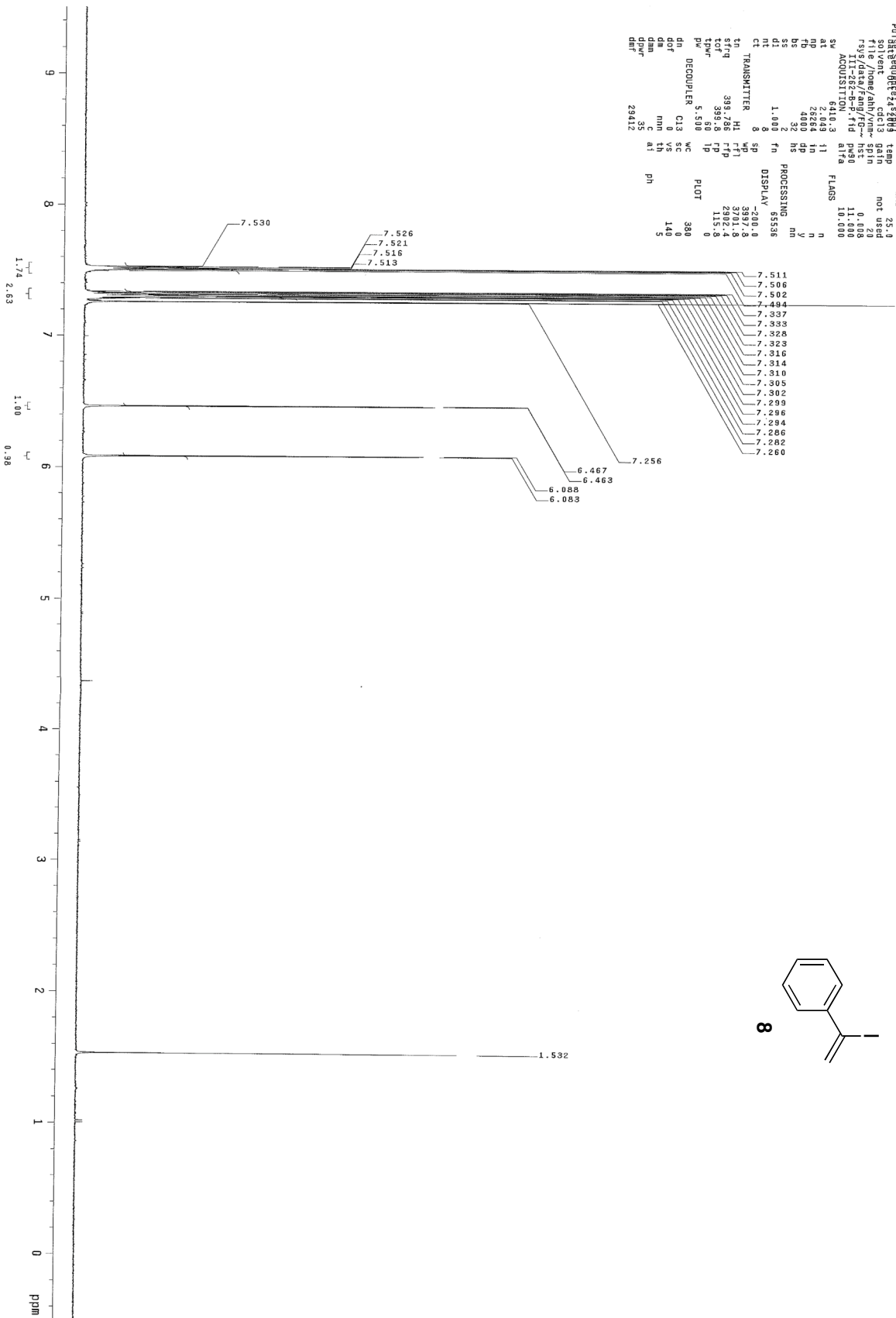


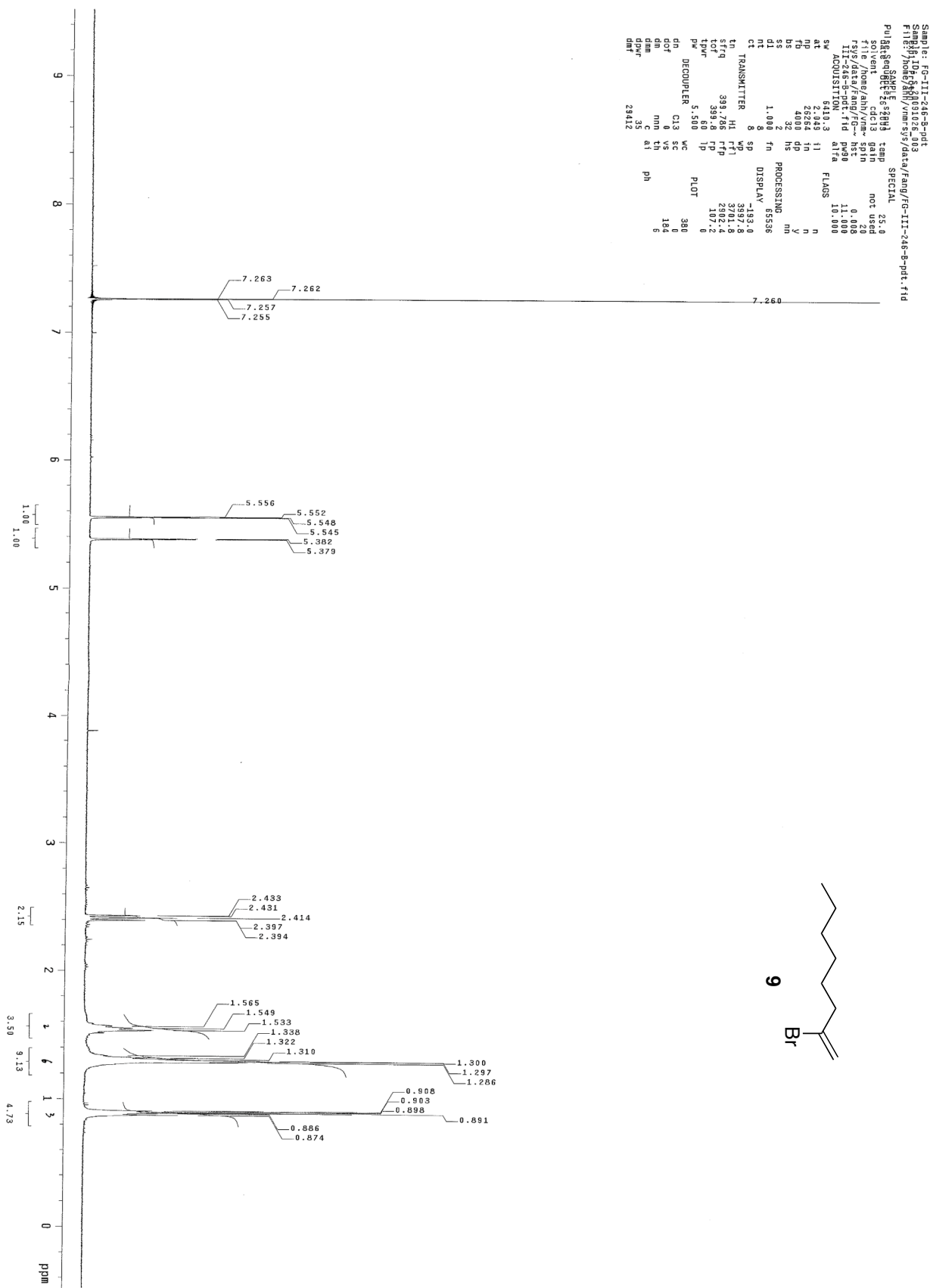
Sample: FG-IV-235-pdt
 F1exp1 exp101

pulse sequence: s2pu]	SPECIAL	25.0
date: Apr 27 2010	temp	not used
solvent: cdcl3	gain	20
file	SPIN	0.008
ACQUISITION: exp	hst	9.400
sw: 6410.3	rtfa	10.000
at: 2.049	pw90	
nd: 26264	FLAOS	
bs: 4000	i1	n
se: 4	in	n
si: 2	dd	y
di: 1.000	hs	n
nt: 40	fn	65536
ct: 40	fn	65536
TRANSMITTER: H1	SD	-199.9
strq: 399.763	WD	3087.8
tot: 399.8	rf1	301.6
tpwr: 62	rfp	2902.3
pw: 4.700	tp	-174.0
DECOUPLER: C13	IP	0
dn: 0	WC	250
dof: 0	SC	0
dm: nnn	VS	133
dmm: C	th	7
dpwr: 35	ph	
dmt: 29412	at1	



Sample: PG-II-662-B-p11
S12
File: J:\GC\DATA\GC\DATA\GC-II-662-B-p11.FID
Date: 03/13/98 12:03:28
Pulse Sequence: S.M13 temp SPECIAL 25.0
solvent cdc13 gain not used
file name: ah/vnm spin 0.000
f2: 50.000 MHz
f1: 262.500 MHz
AQ 10.000
ACQUISITION 640.0 11
S/W 640.0 11
AT 2.000 11
FID 2.000 11
FB 4000 00
BS 32 HS
SS 1.000
SC 8 SP
CT 8 SP FID DISPLAY 55536
TRANSMITTER M1 WPI
ST 389.788 3897.8
TOT 389.788 FP 2.000
TPWR 50 TP 15.8
PW DECOUPLER: 5.000
dn 013 SC 380
dot 0 VS 140
da mm th 5
c at ph
dpr 29412

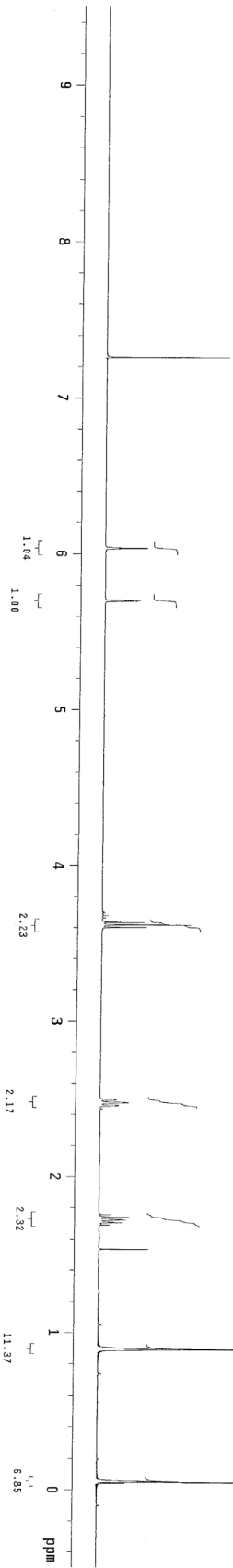
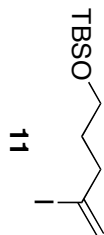


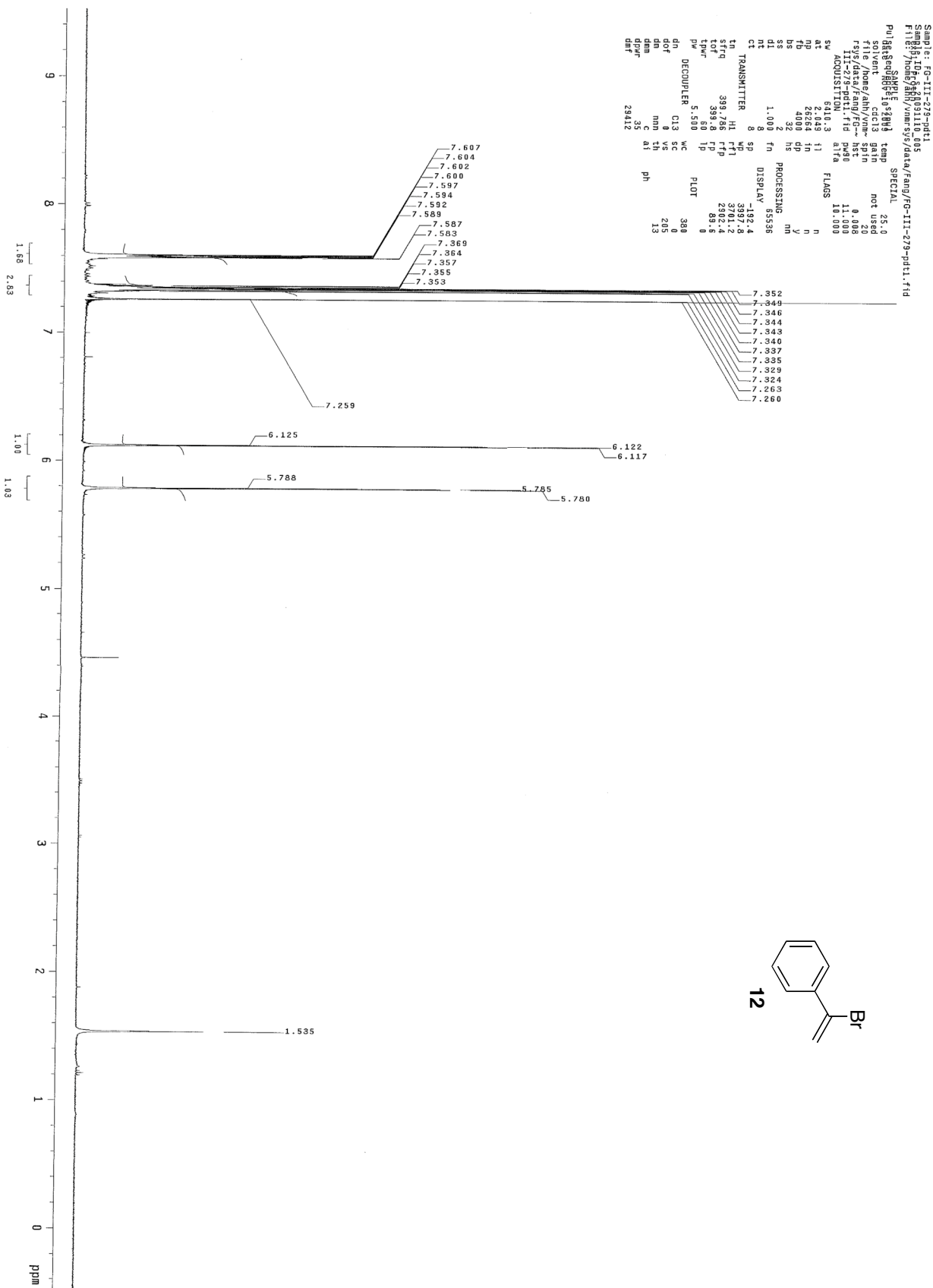



```

Sample: FG-IV-088-pdt
Sample ID: FG-IV-088-pdt_0126_002
File: /home/ab/h/vnm-32n
PulseProgram: zgpg30
Date_Time: 2010.01.26/9:59
Title: /home/ab/h/vnm-32n
SYS/Date/Study: / hst
AUO: 2010.01.26/9:59
OLV: FG-IV-088-pdt/ / a1r4
PROCNO: 11
ACQUISITION: 11
SW: 6410.3
AQ: 2.069
RG: 327.4
F2: 4000
BS: 32
SS: 1.000
SI: 2
CT: 8
TRANSMITTER: H1
F1: 2982.4
TQ: 398.248
LCF: 395.98
TPW: 60
PW: 5.500
DECOUPLER: C13
VS: 0
D1: 0
D2: 0
D3: 0
DEM: 32
RES: 0.391
DPR: 29412
SPECIAL:
temp: 25.0
not used
0.008
11.000
19.000
n
y
n
n
mm
mm
65536
PROCESSING:
DISP: 2091.0
-2091.0
3782.0
2982.4
-20.5
0
360
0
48
2
ph

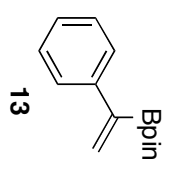
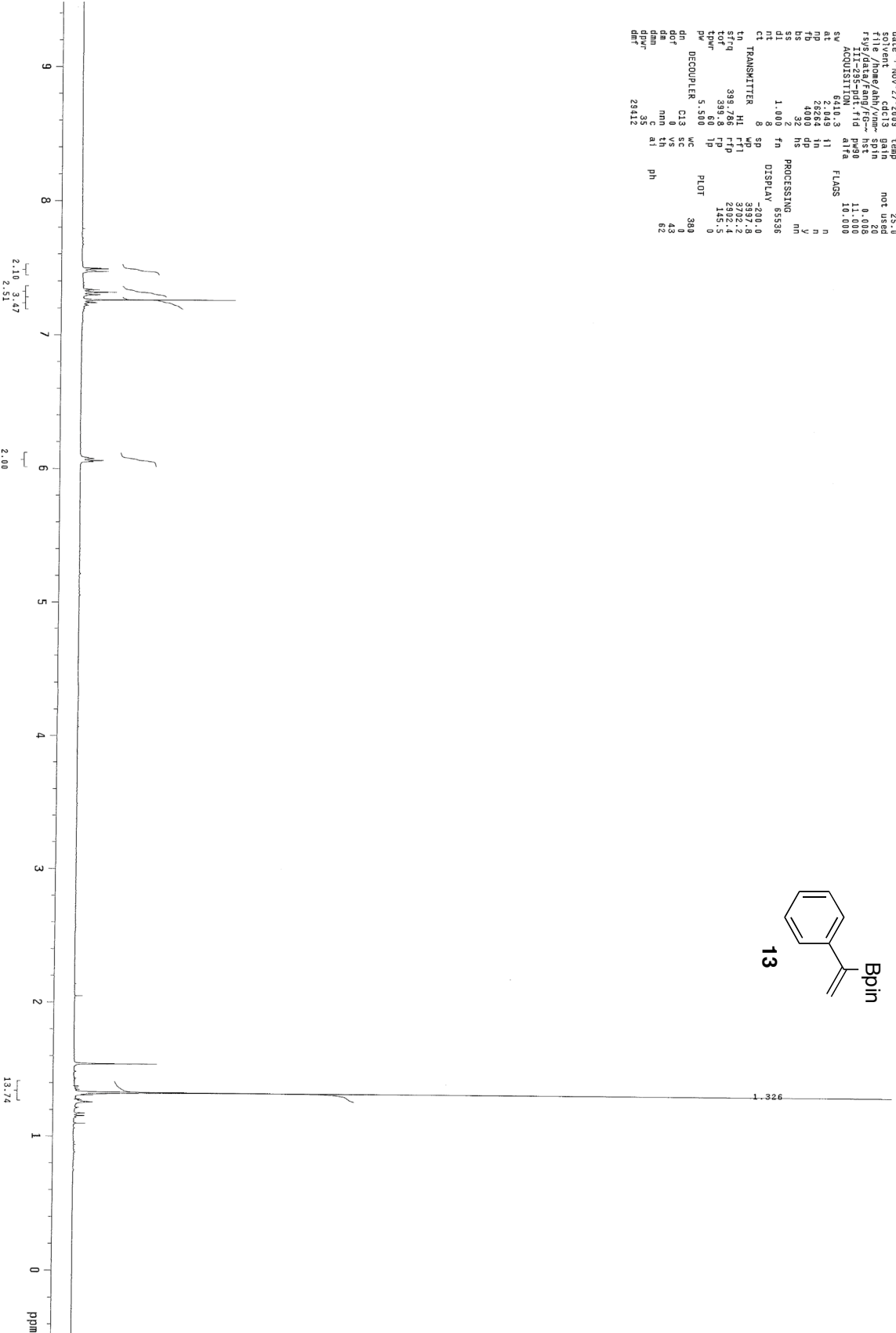
```





```

Sample: F0-III-235-pdt
Name: F0-III-235-pdt_009
File: /home/ahh/mmr599/data/famg/F0-III-235-pdt.fid
P1: 1.000 2.000 1.000
P2: 1.000 2.000 1.000
P3: 1.000 2.000 1.000
P4: 1.000 2.000 1.000
P5: 1.000 2.000 1.000
P6: 1.000 2.000 1.000
P7: 1.000 2.000 1.000
P8: 1.000 2.000 1.000
P9: 1.000 2.000 1.000
P10: 1.000 2.000 1.000
P11: 1.000 2.000 1.000
P12: 1.000 2.000 1.000
P13: 1.000 2.000 1.000
P14: 1.000 2.000 1.000
P15: 1.000 2.000 1.000
P16: 1.000 2.000 1.000
P17: 1.000 2.000 1.000
P18: 1.000 2.000 1.000
P19: 1.000 2.000 1.000
P20: 1.000 2.000 1.000
P21: 1.000 2.000 1.000
P22: 1.000 2.000 1.000
P23: 1.000 2.000 1.000
P24: 1.000 2.000 1.000
P25: 1.000 2.000 1.000
P26: 1.000 2.000 1.000
P27: 1.000 2.000 1.000
P28: 1.000 2.000 1.000
P29: 1.000 2.000 1.000
P30: 1.000 2.000 1.000
P31: 1.000 2.000 1.000
P32: 1.000 2.000 1.000
P33: 1.000 2.000 1.000
P34: 1.000 2.000 1.000
P35: 1.000 2.000 1.000
P36: 1.000 2.000 1.000
P37: 1.000 2.000 1.000
P38: 1.000 2.000 1.000
P39: 1.000 2.000 1.000
P40: 1.000 2.000 1.000
P41: 1.000 2.000 1.000
P42: 1.000 2.000 1.000
P43: 1.000 2.000 1.000
P44: 1.000 2.000 1.000
P45: 1.000 2.000 1.000
P46: 1.000 2.000 1.000
P47: 1.000 2.000 1.000
P48: 1.000 2.000 1.000
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P81: 1.000 2.000 1.000
P82: 1.000 2.000 1.000
P83: 1.000 2.000 1.000
P84: 1.000 2.000 1.000
P85: 1.000 2.000 1.000
P86: 1.000 2.000 1.000
P87: 1.000 2.000 1.000
P88: 1.000 2.000 1.000
P89: 1.000 2.000 1.000
P90: 1.000 2.000 1.000
P91: 1.000 2.000 1.000
P92: 1.000 2.000 1.000
P93: 1.000 2.000 1.000
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P96: 1.000 2.000 1.000
P97: 1.000 2.000 1.000
P98: 1.000 2.000 1.000
P99: 1.000 2.000 1.000
P100: 1.000 2.000 1.000
    
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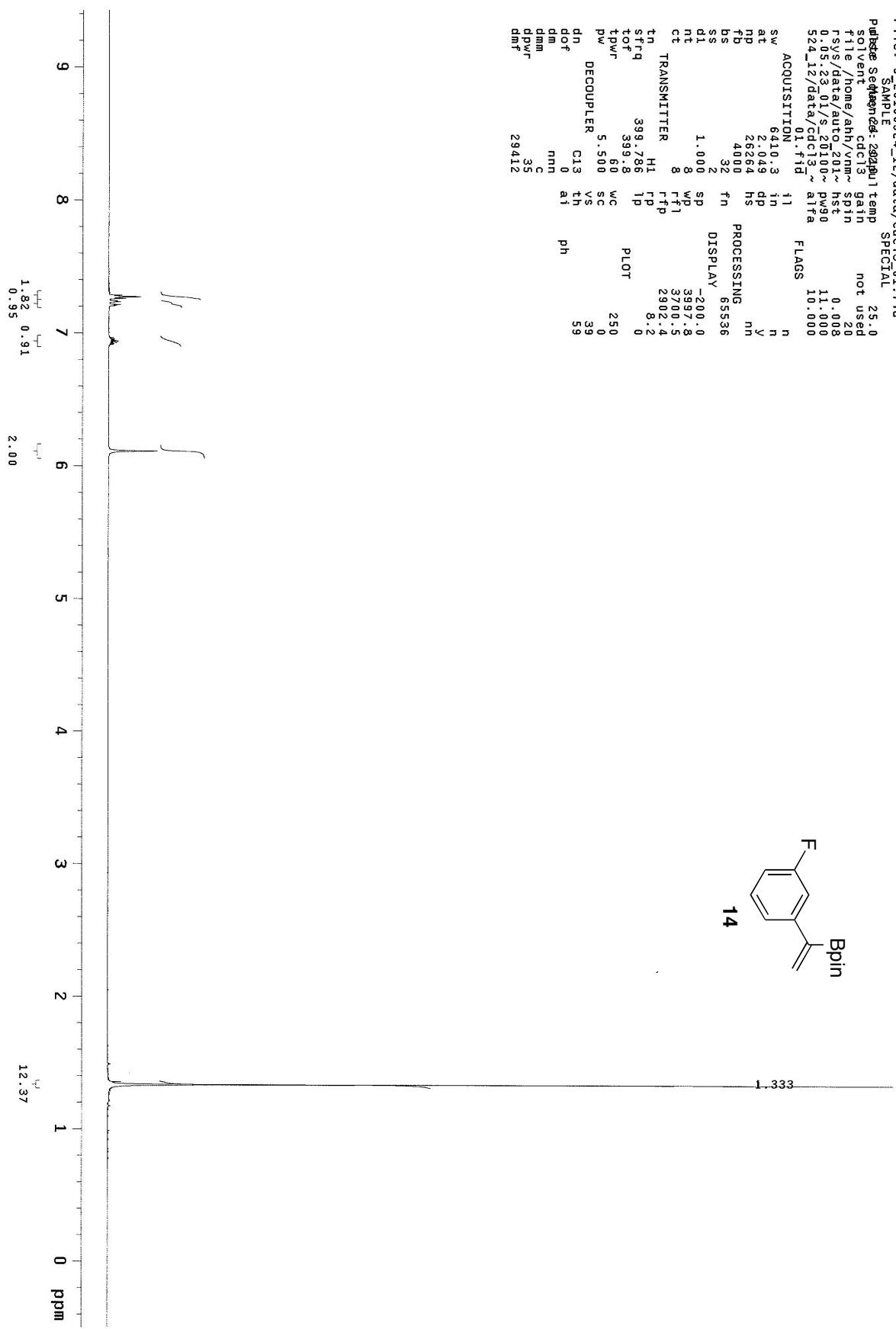
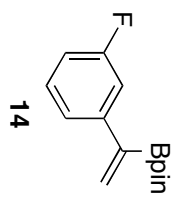
Sample: FG-IV-284-pdt
 Sample: F010100524_12
 File: s_20100524_12\data/cdc13_01.fid
 SPECIAL

pubdate Setpoint: 29412
 solvent cdc13 gain not used 25.0
 file /home/abh/vnm- spin 20
 rsvs/data/auto.201- hst 0.008
 0.05-23_01/s_20100- pw90 11.000
 524_12\data/cdc13-~ atfa 10.000

01.fid
 ACQUISITION 11
 sw 6410.3 in n
 at 2.049 dd y
 np 26264 hs
 fb 4000
 bs 32 fn 65536
 ss 2
 dl 1.000 sd -200.0
 nt 8 wd 3997.8
 ct 8 rfp 3700.5
 2902.4

TRANSMITTER H1
 tn 399.786 1p 8.2
 sfrq 399.8
 tof 399.8
 tpwr 5.500
 pw 5.500
 DECOUPLER C13
 dn 0
 dof 0
 dm nm
 dmm 35
 dpwr 29412
 dmf

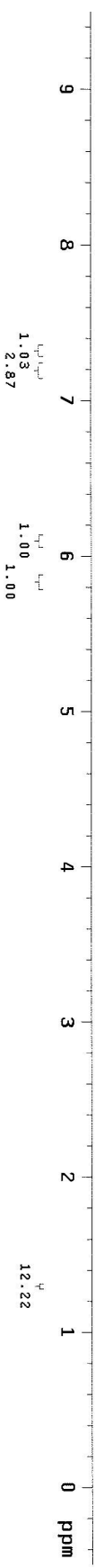
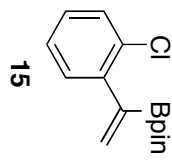
PROCESsing nm
 DISPLAY 65536
 PLOT 250
 ph 39
 59



```

SM-VI-249-F
SM-VI-249-F
Sample: FG-IV-294-pdt
Sample Path: /home/ahh/vnmw/spin
File: s_20100527_08/data/cdc13_01.fid
File: s_20100527_08/data/cdc13_01.fid
SAMPLE SPECIAL
Pulse Sequence: zgpg30
Solvent: cdcl3
F1: 25.0
F2: not used
F3: 20
F4: 0.008
F5: 11.000
F6: 10.000
F7: 10.000
F8: 10.000
F9: 10.000
F10: 10.000
F11: 10.000
F12: 10.000
F13: 10.000
F14: 10.000
F15: 10.000
F16: 10.000
F17: 10.000
F18: 10.000
F19: 10.000
F20: 10.000
F21: 10.000
F22: 10.000
F23: 10.000
F24: 10.000
F25: 10.000
F26: 10.000
F27: 10.000
F28: 10.000
F29: 10.000
F30: 10.000
F31: 10.000
F32: 10.000
F33: 10.000
F34: 10.000
F35: 10.000
F36: 10.000
F37: 10.000
F38: 10.000
F39: 10.000
F40: 10.000
F41: 10.000
F42: 10.000
F43: 10.000
F44: 10.000
F45: 10.000
F46: 10.000
F47: 10.000
F48: 10.000
F49: 10.000
F50: 10.000
F51: 10.000
F52: 10.000
F53: 10.000
F54: 10.000
F55: 10.000
F56: 10.000
F57: 10.000
F58: 10.000
F59: 10.000
F60: 10.000
F61: 10.000
F62: 10.000
F63: 10.000
F64: 10.000
F65: 10.000
F66: 10.000
F67: 10.000
F68: 10.000
F69: 10.000
F70: 10.000
F71: 10.000
F72: 10.000
F73: 10.000
F74: 10.000
F75: 10.000
F76: 10.000
F77: 10.000
F78: 10.000
F79: 10.000
F80: 10.000
F81: 10.000
F82: 10.000
F83: 10.000
F84: 10.000
F85: 10.000
F86: 10.000
F87: 10.000
F88: 10.000
F89: 10.000
F90: 10.000
F91: 10.000
F92: 10.000
F93: 10.000
F94: 10.000
F95: 10.000
F96: 10.000
F97: 10.000
F98: 10.000
F99: 10.000
F100: 10.000

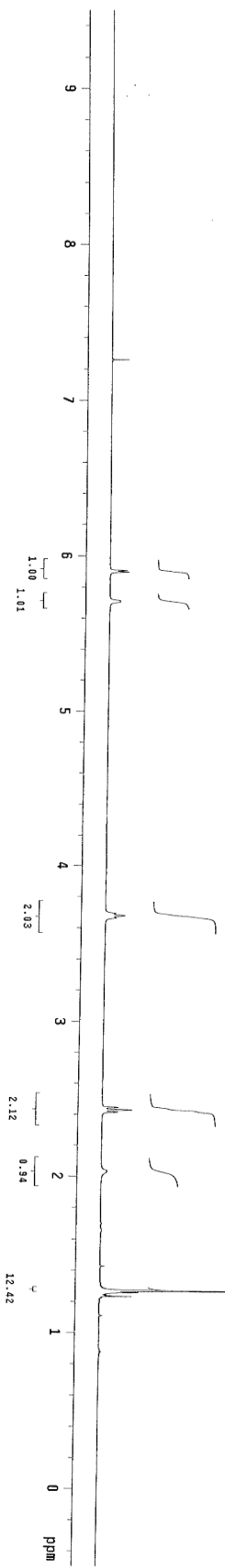
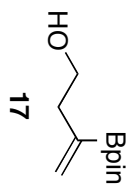
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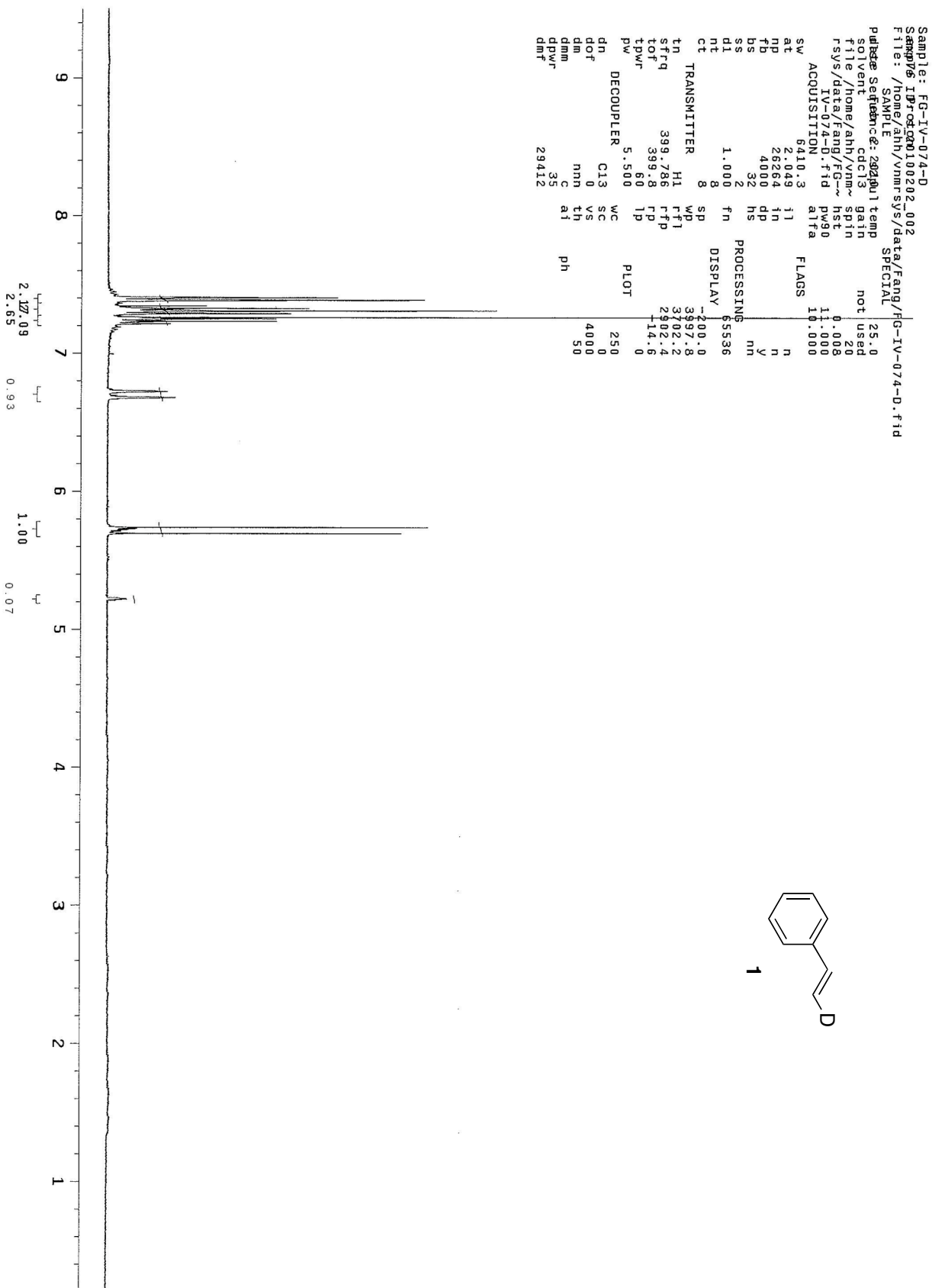
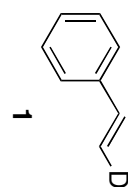


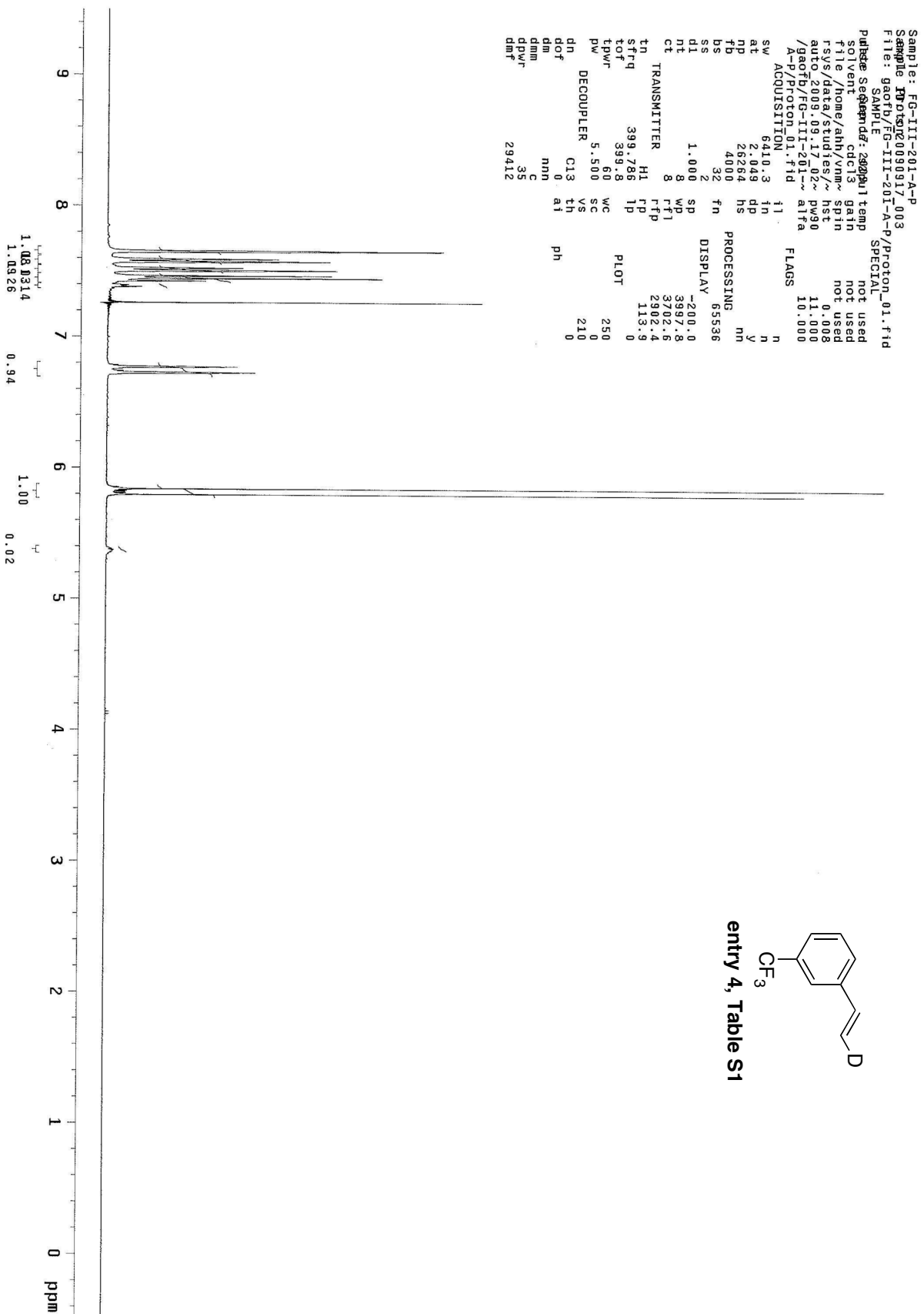
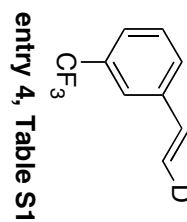

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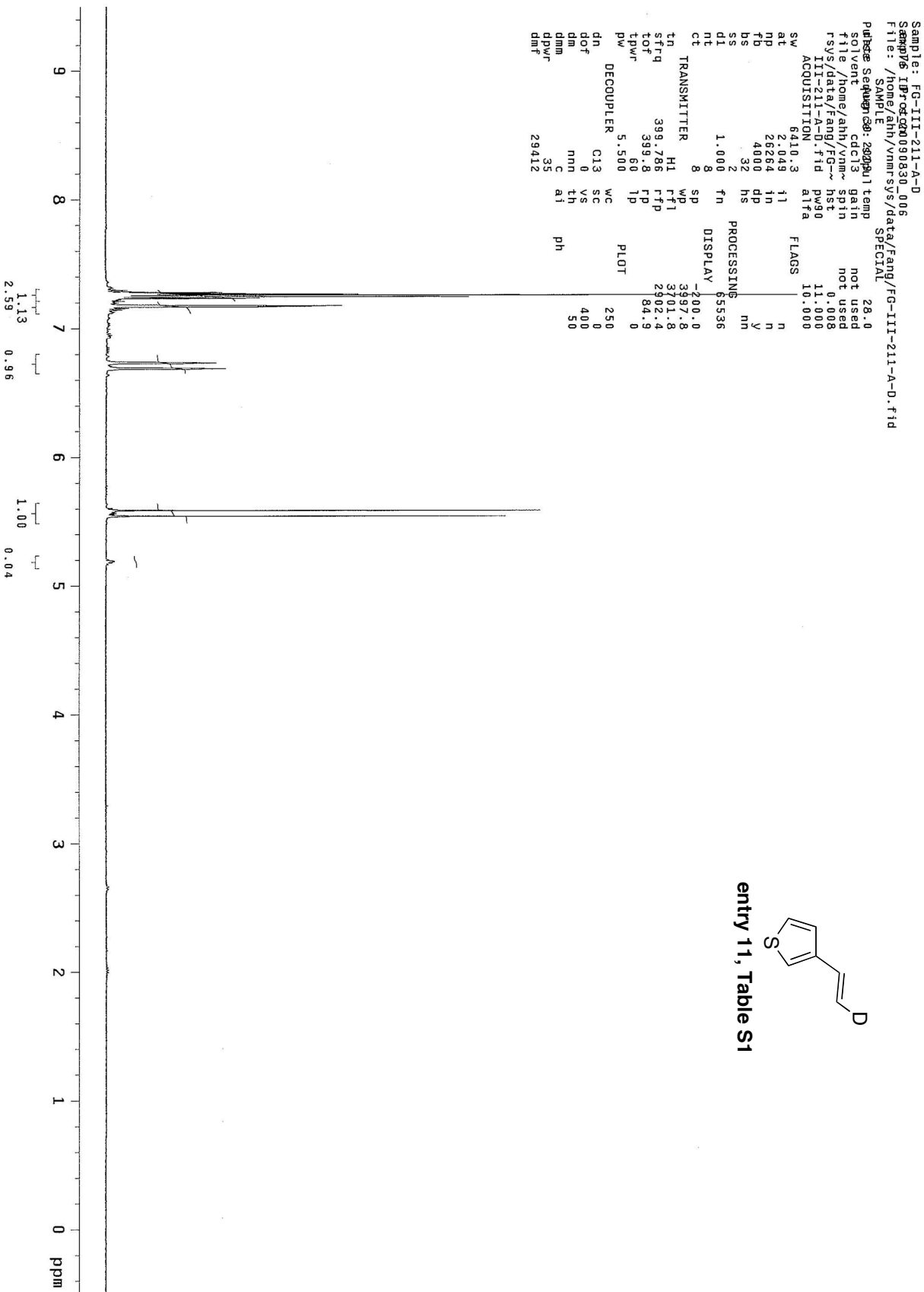
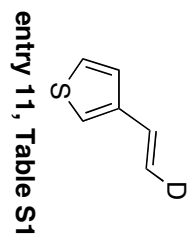
Sample: FC-14-23-044
Sample ID: 17010017
F1 F2: 2813519_04/data/cdc13_01.f1d
P1: 2813519_04/data/cdc13_01.f1d
P2: 2813519_04/data/cdc13_01.f1d
P3: 2813519_04/data/cdc13_01.f1d
P4: 2813519_04/data/cdc13_01.f1d
P5: 2813519_04/data/cdc13_01.f1d
P6: 2813519_04/data/cdc13_01.f1d
P7: 2813519_04/data/cdc13_01.f1d
P8: 2813519_04/data/cdc13_01.f1d
P9: 2813519_04/data/cdc13_01.f1d
P10: 2813519_04/data/cdc13_01.f1d
P11: 2813519_04/data/cdc13_01.f1d
P12: 2813519_04/data/cdc13_01.f1d
P13: 2813519_04/data/cdc13_01.f1d
P14: 2813519_04/data/cdc13_01.f1d
P15: 2813519_04/data/cdc13_01.f1d
P16: 2813519_04/data/cdc13_01.f1d
P17: 2813519_04/data/cdc13_01.f1d
P18: 2813519_04/data/cdc13_01.f1d
P19: 2813519_04/data/cdc13_01.f1d
P20: 2813519_04/data/cdc13_01.f1d
P21: 2813519_04/data/cdc13_01.f1d
P22: 2813519_04/data/cdc13_01.f1d
P23: 2813519_04/data/cdc13_01.f1d
P24: 2813519_04/data/cdc13_01.f1d
P25: 2813519_04/data/cdc13_01.f1d
P26: 2813519_04/data/cdc13_01.f1d
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P38: 2813519_04/data/cdc13_01.f1d
P39: 2813519_04/data/cdc13_01.f1d
P40: 2813519_04/data/cdc13_01.f1d
P41: 2813519_04/data/cdc13_01.f1d
P42: 2813519_04/data/cdc13_01.f1d
P43: 2813519_04/data/cdc13_01.f1d
P44: 2813519_04/data/cdc13_01.f1d
P45: 2813519_04/data/cdc13_01.f1d
P46: 2813519_04/data/cdc13_01.f1d
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P48: 2813519_04/data/cdc13_01.f1d
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P50: 2813519_04/data/cdc13_01.f1d
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P58: 2813519_04/data/cdc13_01.f1d
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P68: 2813519_04/data/cdc13_01.f1d
P69: 2813519_04/data/cdc13_01.f1d
P70: 2813519_04/data/cdc13_01.f1d
P71: 2813519_04/data/cdc13_01.f1d
P72: 2813519_04/data/cdc13_01.f1d
P73: 2813519_04/data/cdc13_01.f1d
P74: 2813519_04/data/cdc13_01.f1d
P75: 2813519_04/data/cdc13_01.f1d
P76: 2813519_04/data/cdc13_01.f1d
P77: 2813519_04/data/cdc13_01.f1d
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P80: 2813519_04/data/cdc13_01.f1d
P81: 2813519_04/data/cdc13_01.f1d
P82: 2813519_04/data/cdc13_01.f1d
P83: 2813519_04/data/cdc13_01.f1d
P84: 2813519_04/data/cdc13_01.f1d
P85: 2813519_04/data/cdc13_01.f1d
P86: 2813519_04/data/cdc13_01.f1d
P87: 2813519_04/data/cdc13_01.f1d
P88: 2813519_04/data/cdc13_01.f1d
P89: 2813519_04/data/cdc13_01.f1d
P90: 2813519_04/data/cdc13_01.f1d
P91: 2813519_04/data/cdc13_01.f1d
P92: 2813519_04/data/cdc13_01.f1d
P93: 2813519_04/data/cdc13_01.f1d
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P95: 2813519_04/data/cdc13_01.f1d
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P97: 2813519_04/data/cdc13_01.f1d
P98: 2813519_04/data/cdc13_01.f1d
P99: 2813519_04/data/cdc13_01.f1d
P100: 2813519_04/data/cdc13_01.f1d

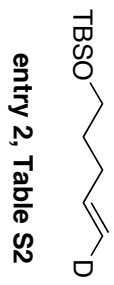
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```

Sample: FG-III-221-D
Sample6: IProc00090908_005
File: /home/ahh/vnmrsys/data/fg/fg-III-221-D.fid
NAME: SAMPLE
PROCNO: 2902411
Pulse Sequence: cdc13 gain not used
SOLVENT: /home/ahh/vnmr sys/spin not used
File: /home/ahh/vnmr sys/data/fg/fg-III-221-D.fid hst 0.008
III-221-D.fid pw90 11.000
ACQUISITION: aifa 10.000
SW 6410.3
AL 2.049
F2 26264
F1 400
H2 32
H1 1.002
S2
S1
S0
CT 8
TR 8
TRANSMITTER H1
SFRQ 399.786
IOF 399.8
TDWR 60
PW 5.500
DECOUPLER WC
DN C13
DOF 0
DM VS
DMM nnn
DPMW C
DMF 35
29412
    
```

