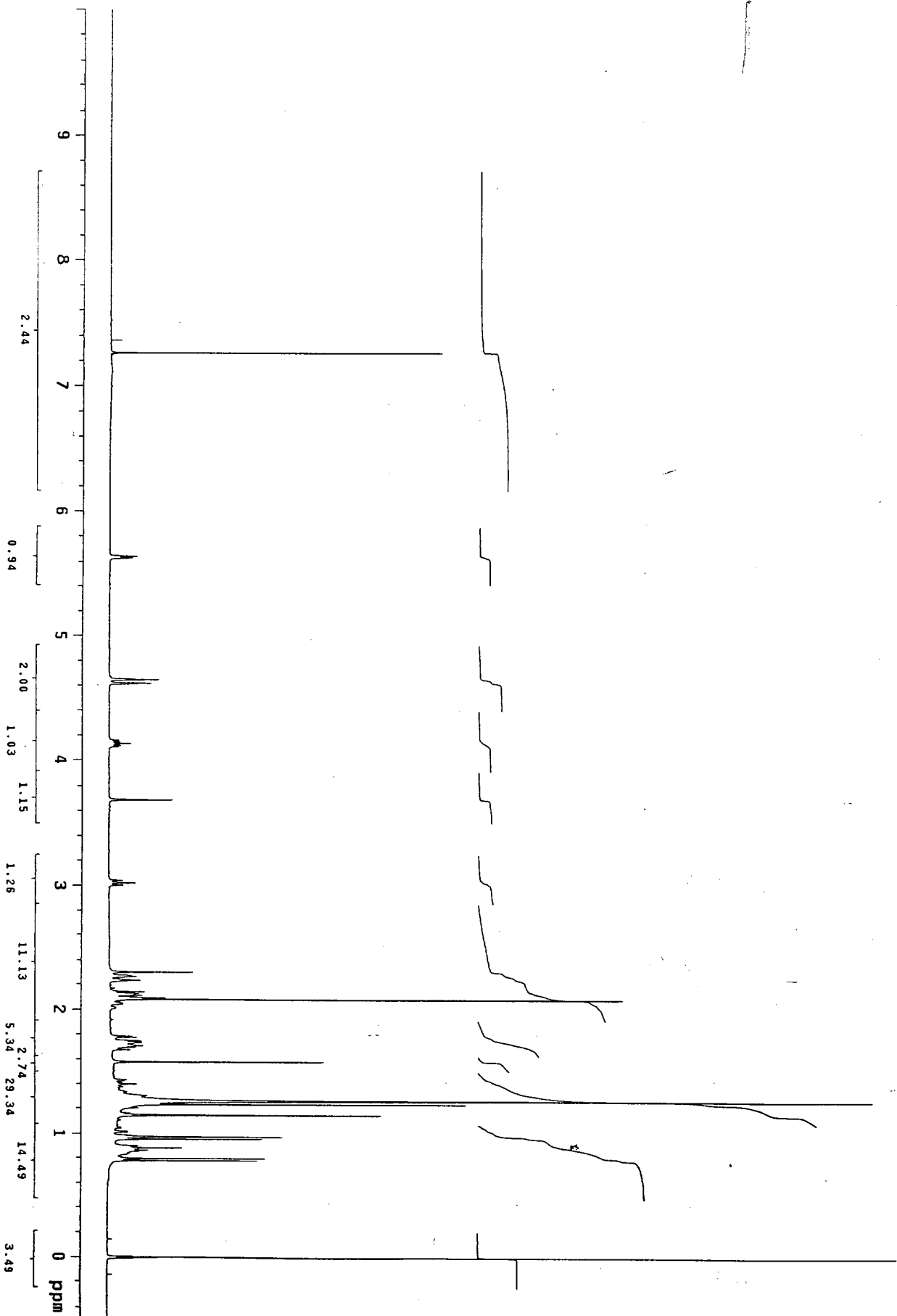
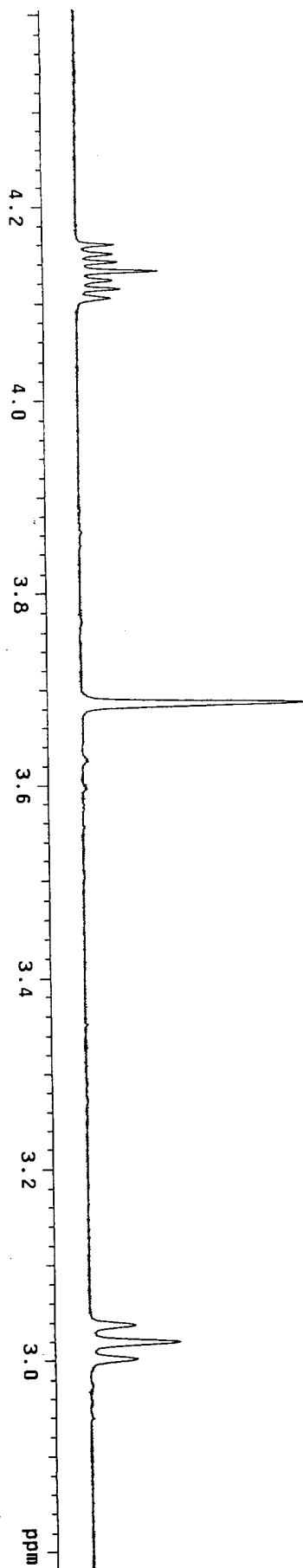
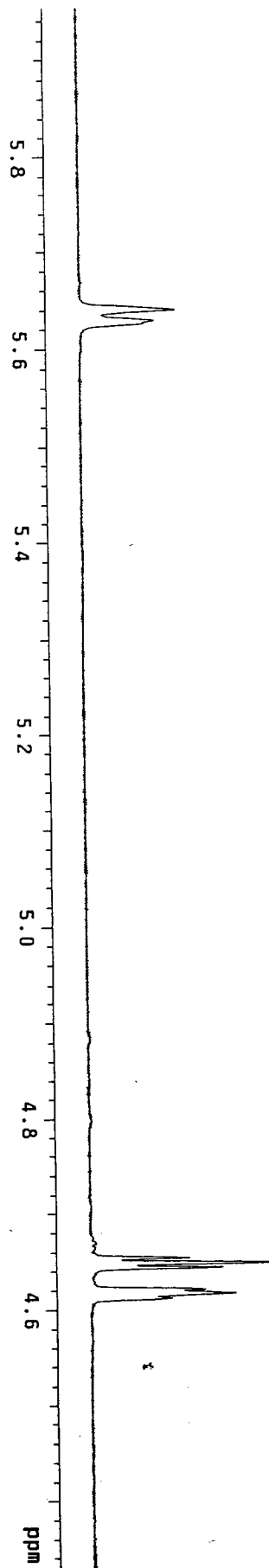


CDCl₃



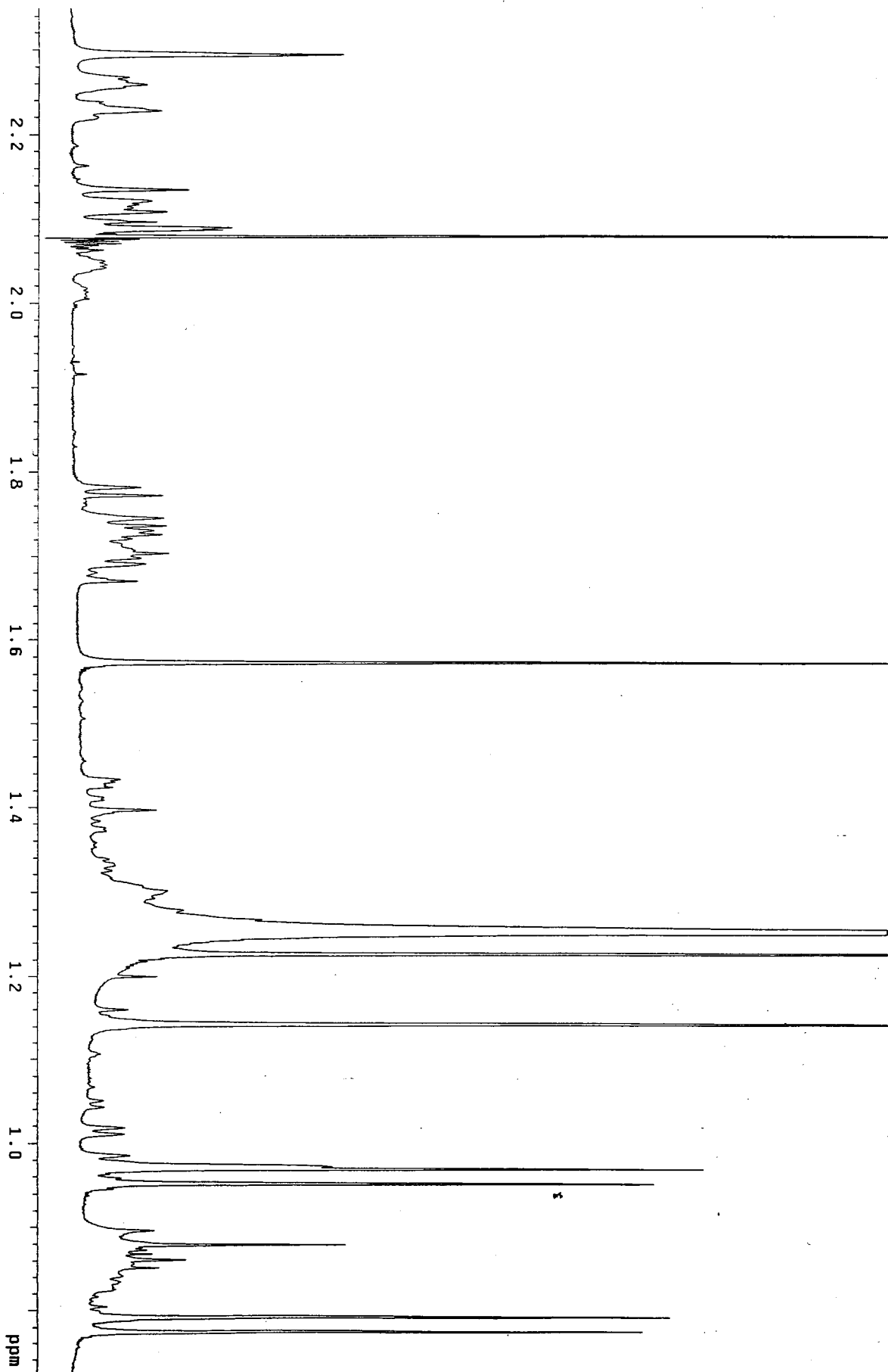
LAP_H01.DECNV
18A_acetate
Solvent: CDCl₃
Operator: DF
gain=36/ct=256
Pulse Sequence: szpu1

1H Dec 6 99
400 MHz
CDCl₃



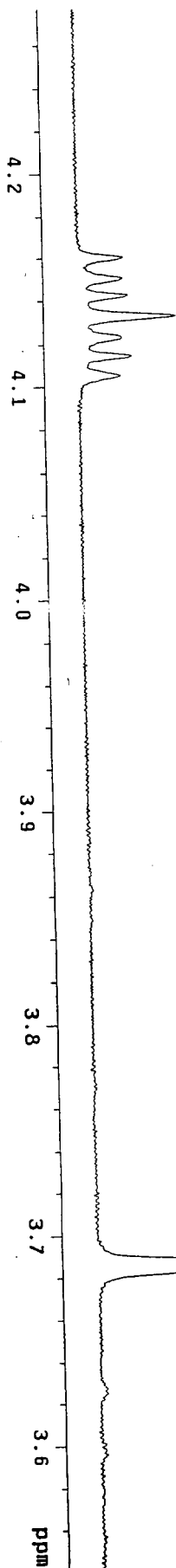
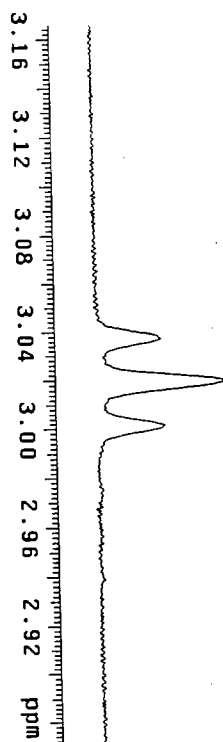
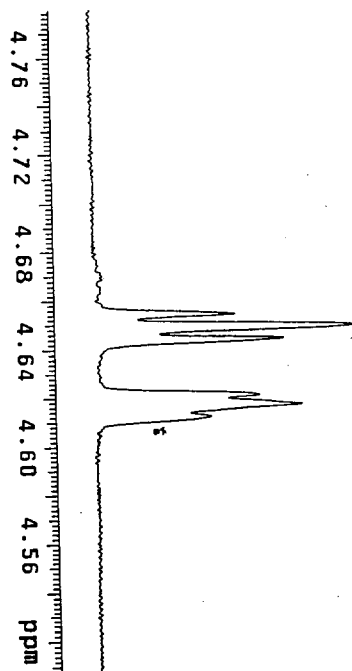
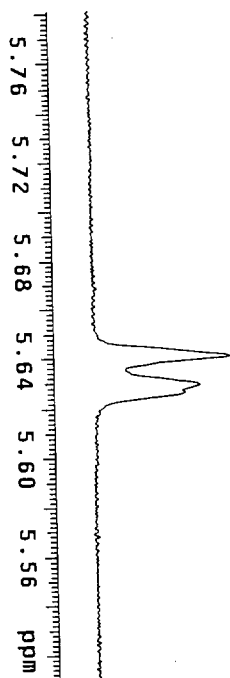
LAP_H01.DECOV
16A_acetate
Solvent: CDCl₃
Operator: DF
gain=36/ct=256
Pulse Sequence: szpu1

Dec 6 99



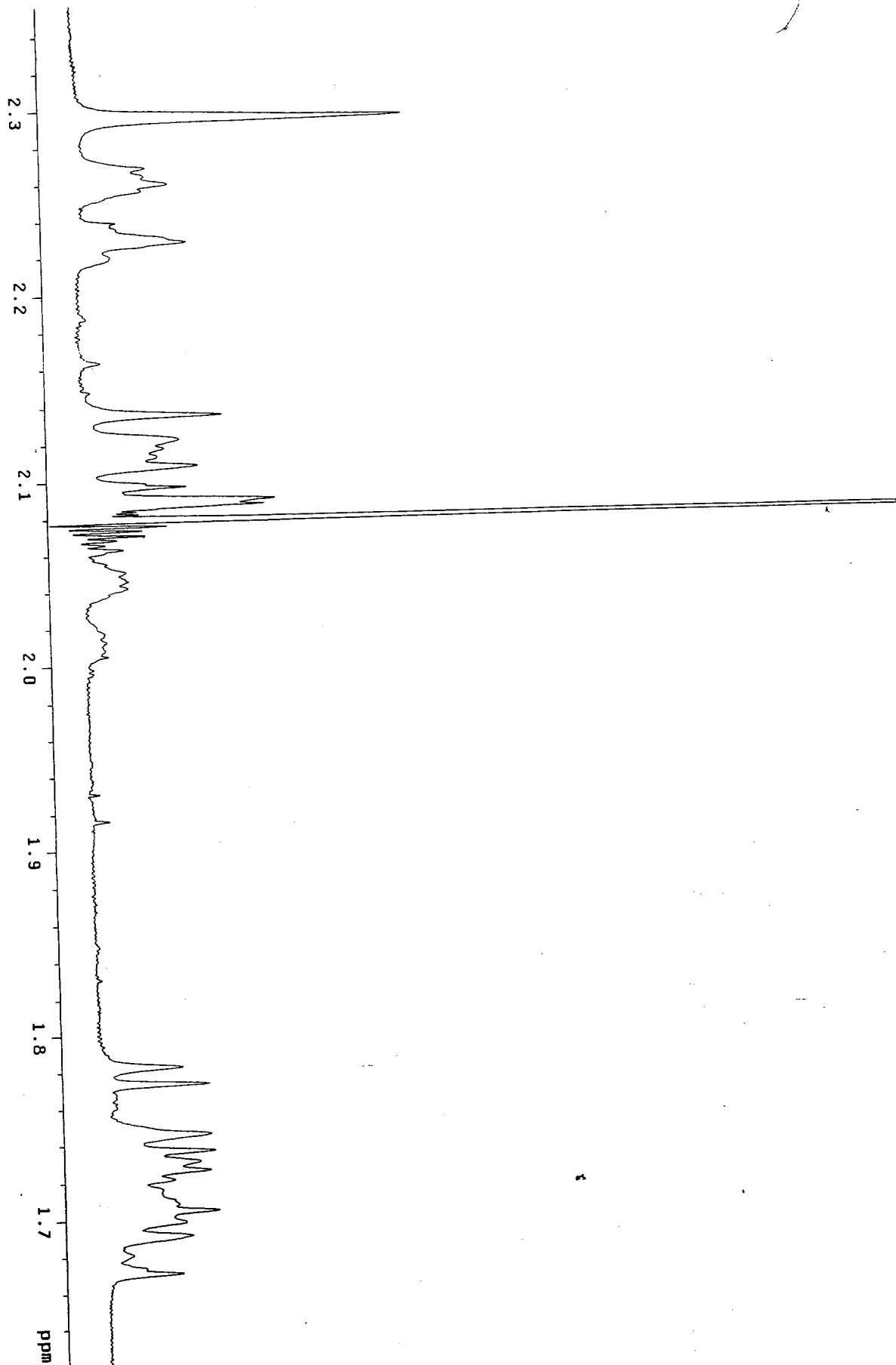
LAP_H01.DECNOV
18A_acetate
Solvent: CDCl₃
Operator: DF
gain=36/ct=256
Pulse Sequence: szpu1

Dec 6 99



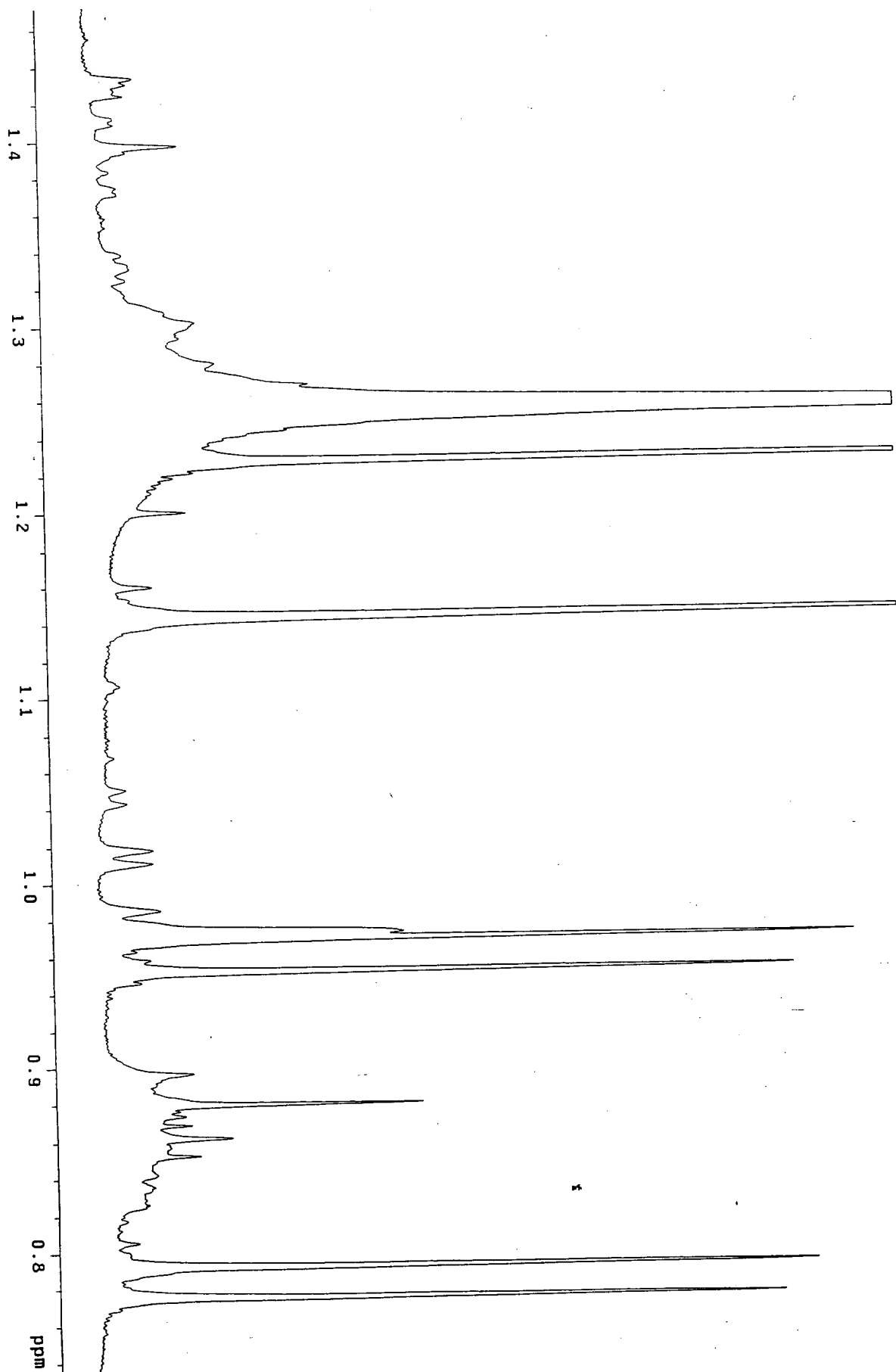
LAP_H01.DECNV
18A acetate
Solvent: CDCl3
Operator: DF
gain=36/ct=256
Pulse Sequence: szpu1

Dec 6 99



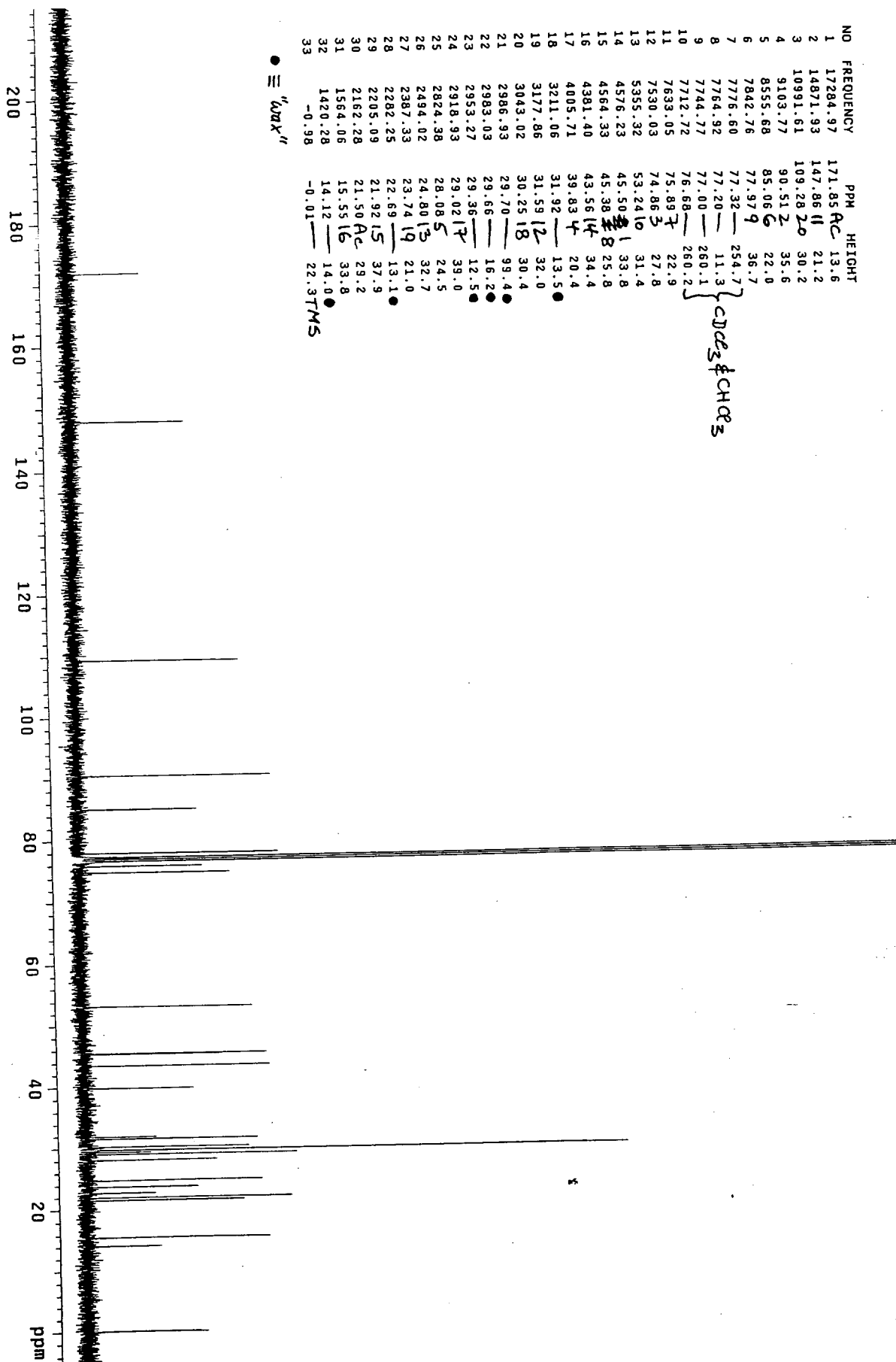
LAP_H01.DECNV
18A_acetate
Solvent: CDCl₃
Operator: DF
gain=36/ct=256
Pulse Sequence: szpu1

Dec 6 99



LAP_H01_DECONV
18a_acetate
Solvent: CDCl₃
Operator: DF
gain=36/ct=256
Pulse Sequence: szpu1

Dec 6 93

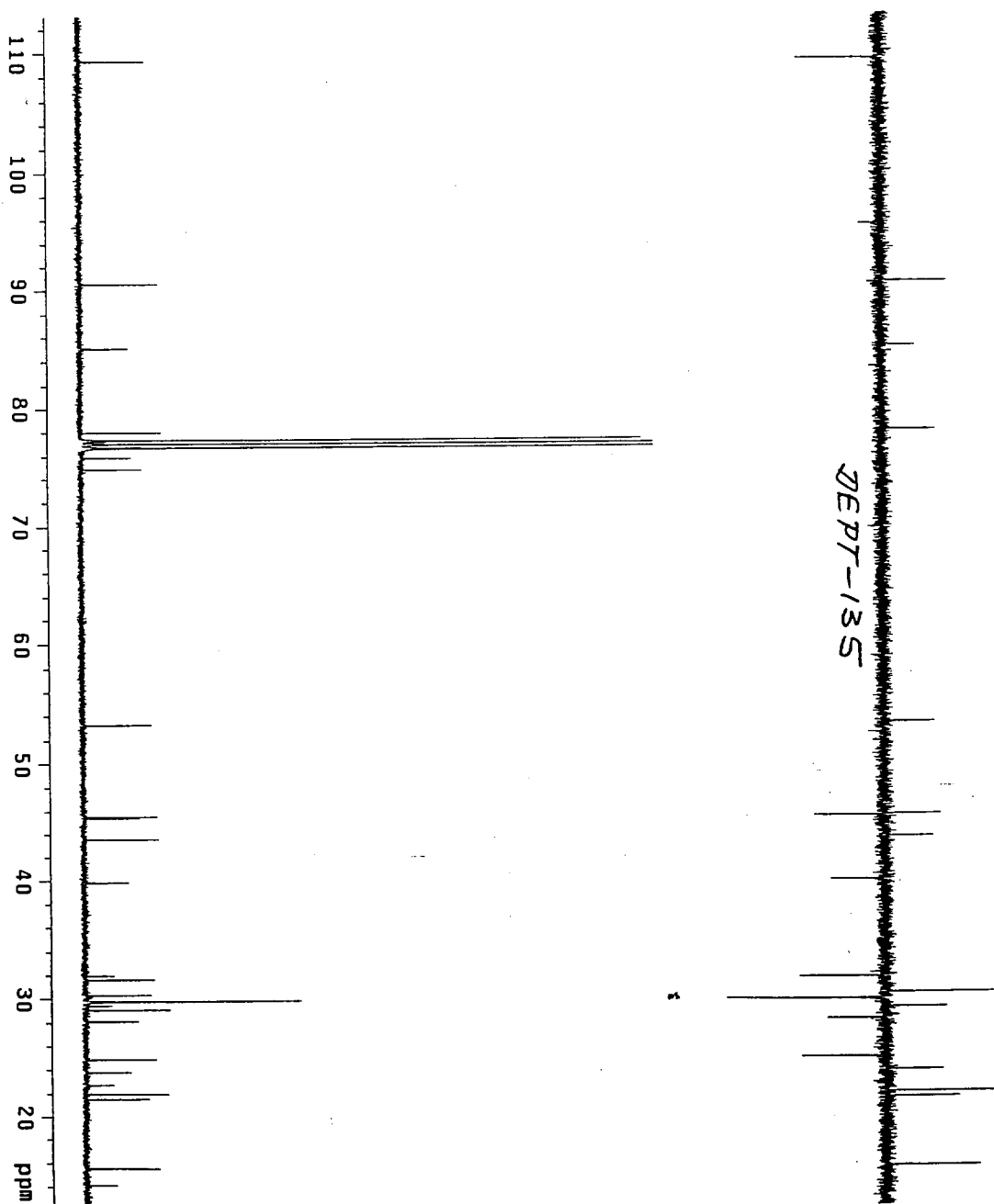


LAP-C13
 18A acetate
 Solvent: CDCl3
 Operator: DF
 gain=50/ct=37760
 Pulse Sequence: DEPT88

13C
 100 MHz
 CDCl3
 Dec 7 99

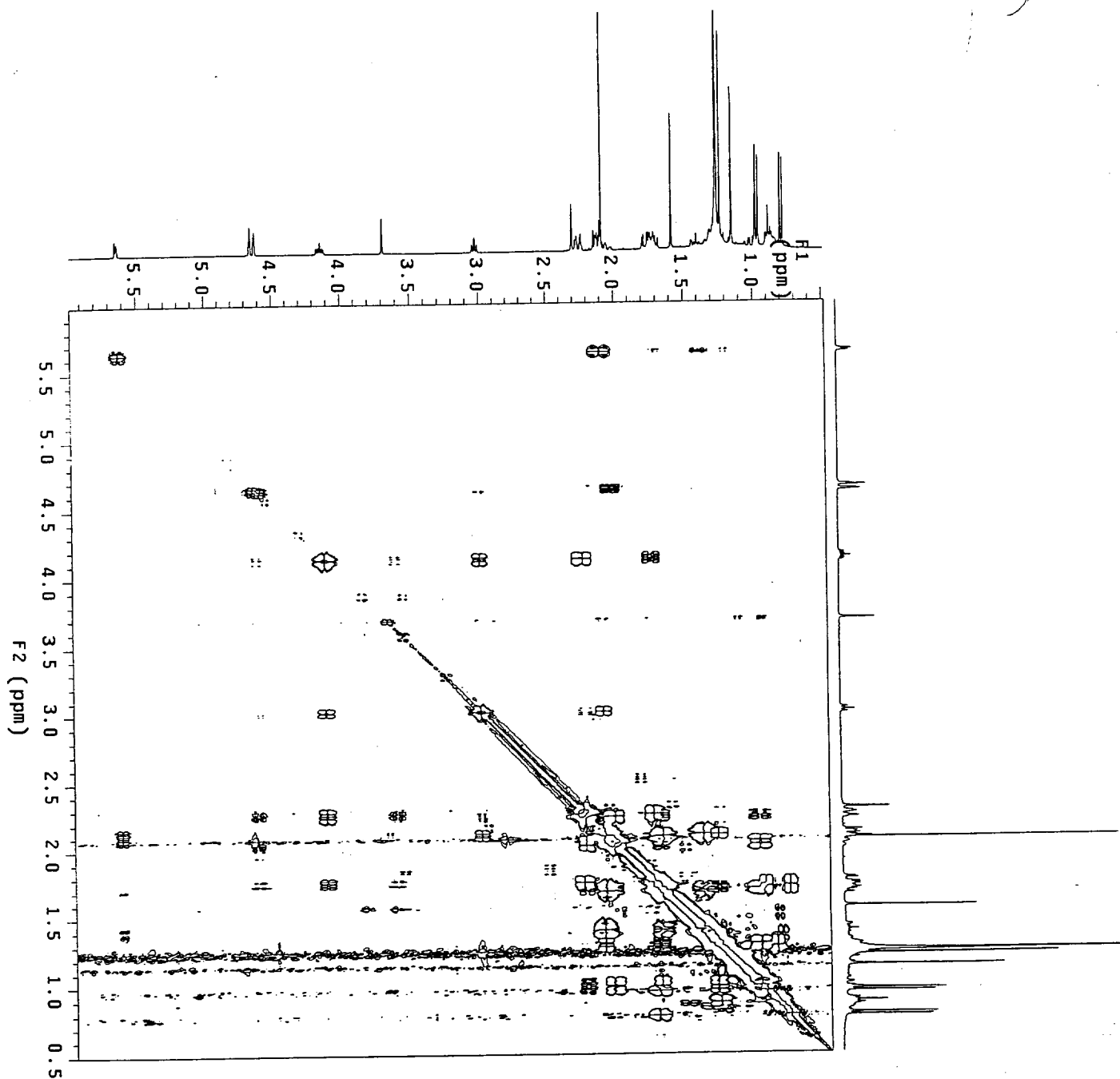
NO	FREQUENCY	PPM	HEIGHT
1	10991.61	109.28	-12.5
2	9103.54	90.51	9.9
3	8555.45	85.06	5.1
4	7842.76	77.97	7.9
5	5355.09	53.24	7.7
6	4576.23	45.50	8.5
7	4564.33	45.38	-10.6
8	4381.40	43.56	7.4
9	4005.71	39.83	-8.2
10	3177.86	31.59	-12.9
11	3043.02	30.25	16.2
12	2986.93	29.70	-23.6
13	2918.70	29.02	9.2
14	2824.15	28.08	-8.9
15	2493.79	24.79	-12.7
16	2387.33	23.74	8.6
17	2205.09	21.92	16.3
18	2162.28	21.50	11.0
19	1563.83	15.55	14.2

• $\equiv$ "WAX"



LAP_C13
 18A acetate
 Solvent: CCl₃
 Operator: OF
 gain=60/ct=37760
 Pulse Sequence: DEPTB8

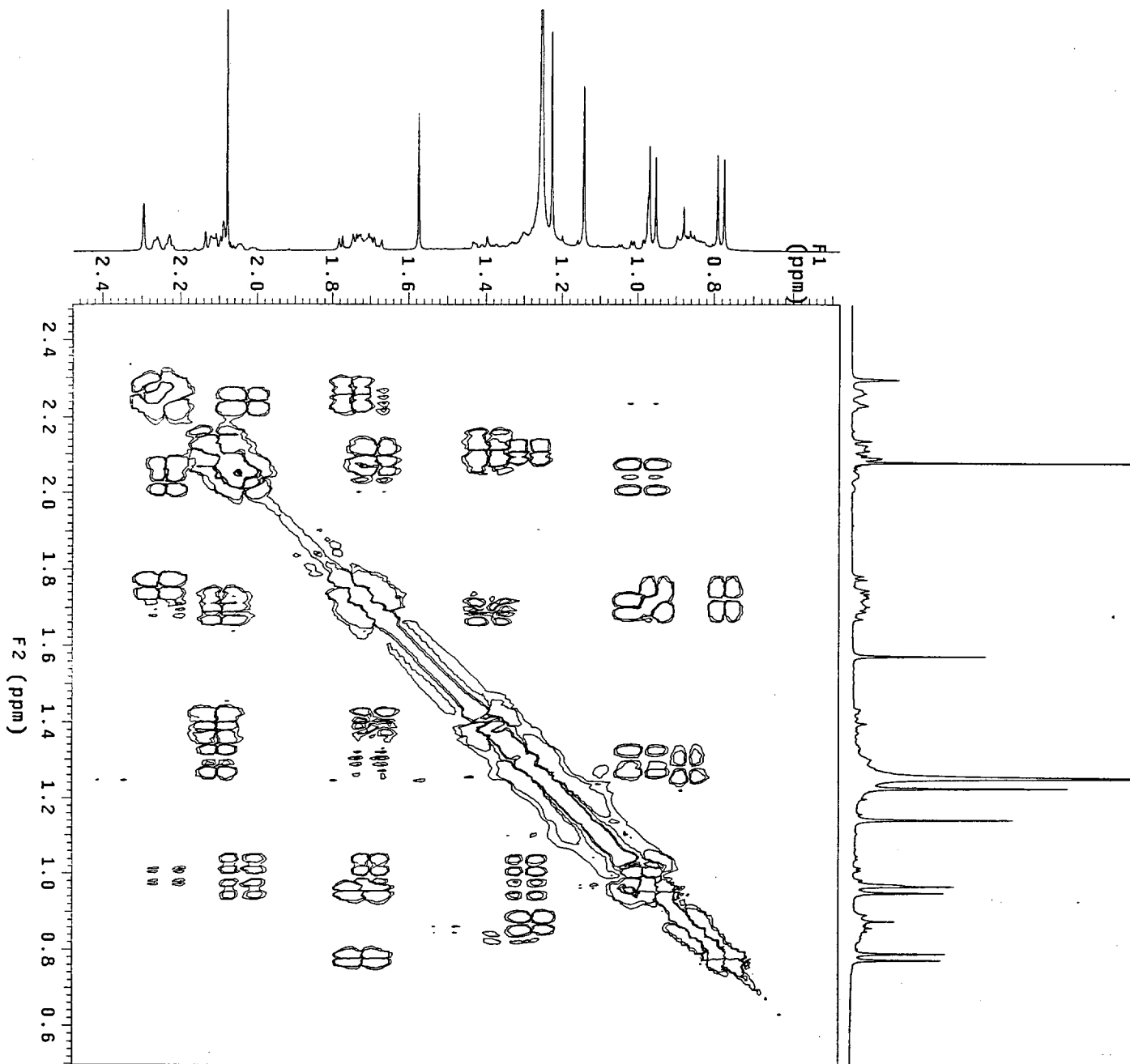
Dec 7 99



LAP_DQF00SYV.200H1
 18A-acetate
 Solvent: CDCl3
 Operator: DF
 gain=26

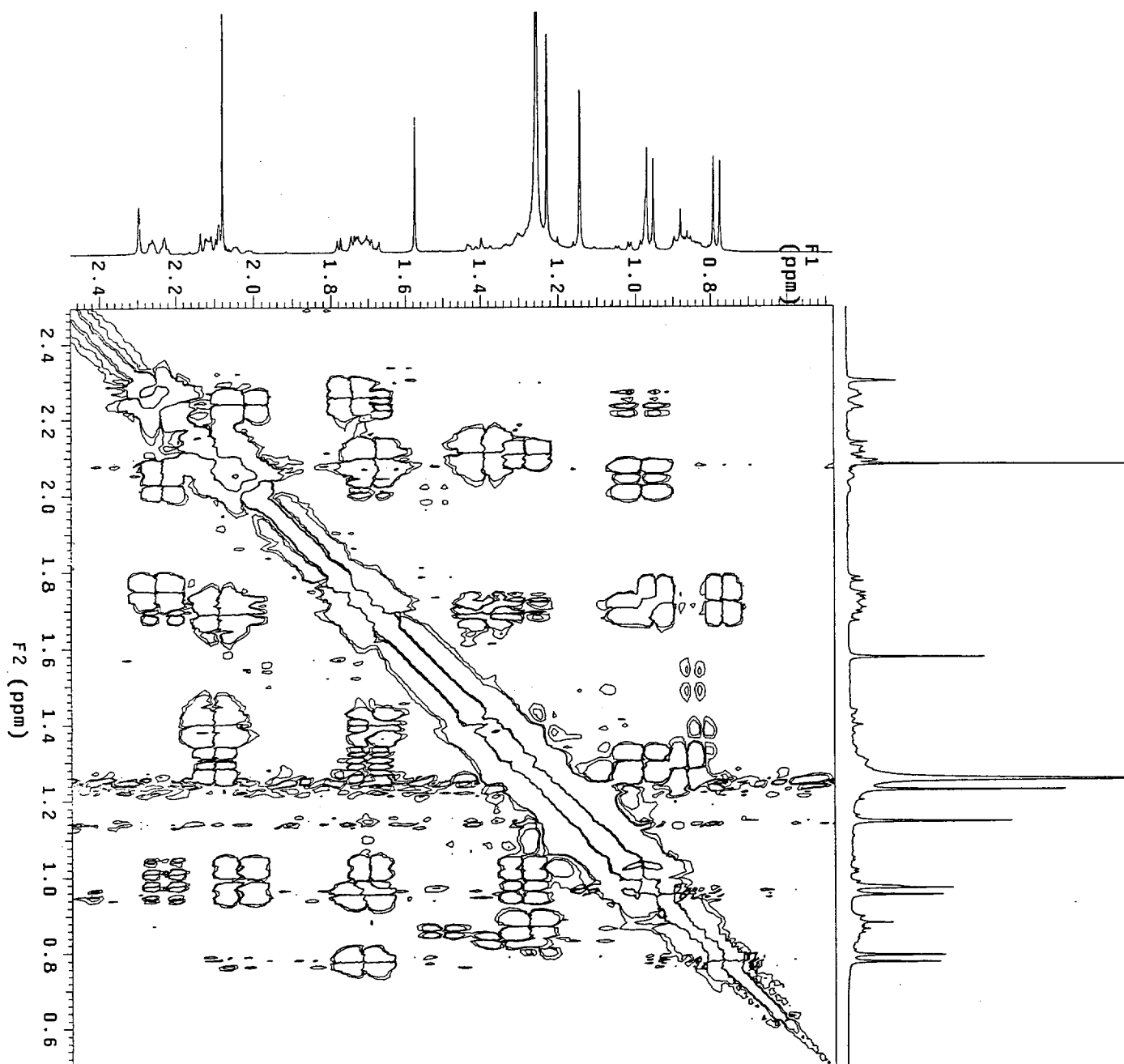
exp6 DQF00SY

SAMPLE		DEC. A VT	
date	Dec 6 98	dn	H1
solvent	CDCl3	dof	0
file	/home/vmr1/D-	dm	n
file	F1207/LAP_DQF00SY	dmm	c
ACQUISITION		dwt	not used
sfrq	399.976	dpwr	30
in	H1	temp	28.0
at	0.301	PROCESSING	
np	2048	sb	-0.301
sw	3399.9	sbs	-0.301
td	2000	phfid	30.0
tdwr	54	wfille	
rv	11.9	iproc	1p
d1	1.000	fn	2048
tof	-917.8	math	f
nt	32	wert	
ct	32	wexp	
alock	y	wbs	
gain	26	wt	
FLAGS			
11	n	2D PROCESSING	
in	n	sbl	-0.075
dp	y	sbs1	-0.075
hs	y	wfille	
2D ACQUISITION		procl	ft
sv1	3399.9	fn1	1024
nt	256	2D DISPLAY	
sp1	192.6	sp	198.9
wpl	192.6	wp	2195.8
vs	2195.6	vs	2400
sc2	0	sc	70
wc2	130	wc	130
h2mm	199.9	h2mm	16.92
rf11	15	rf1	109.62
rf1p	0	rf1p	199.9
th	0	th	2
ins		ins	116.667
al		al	ph



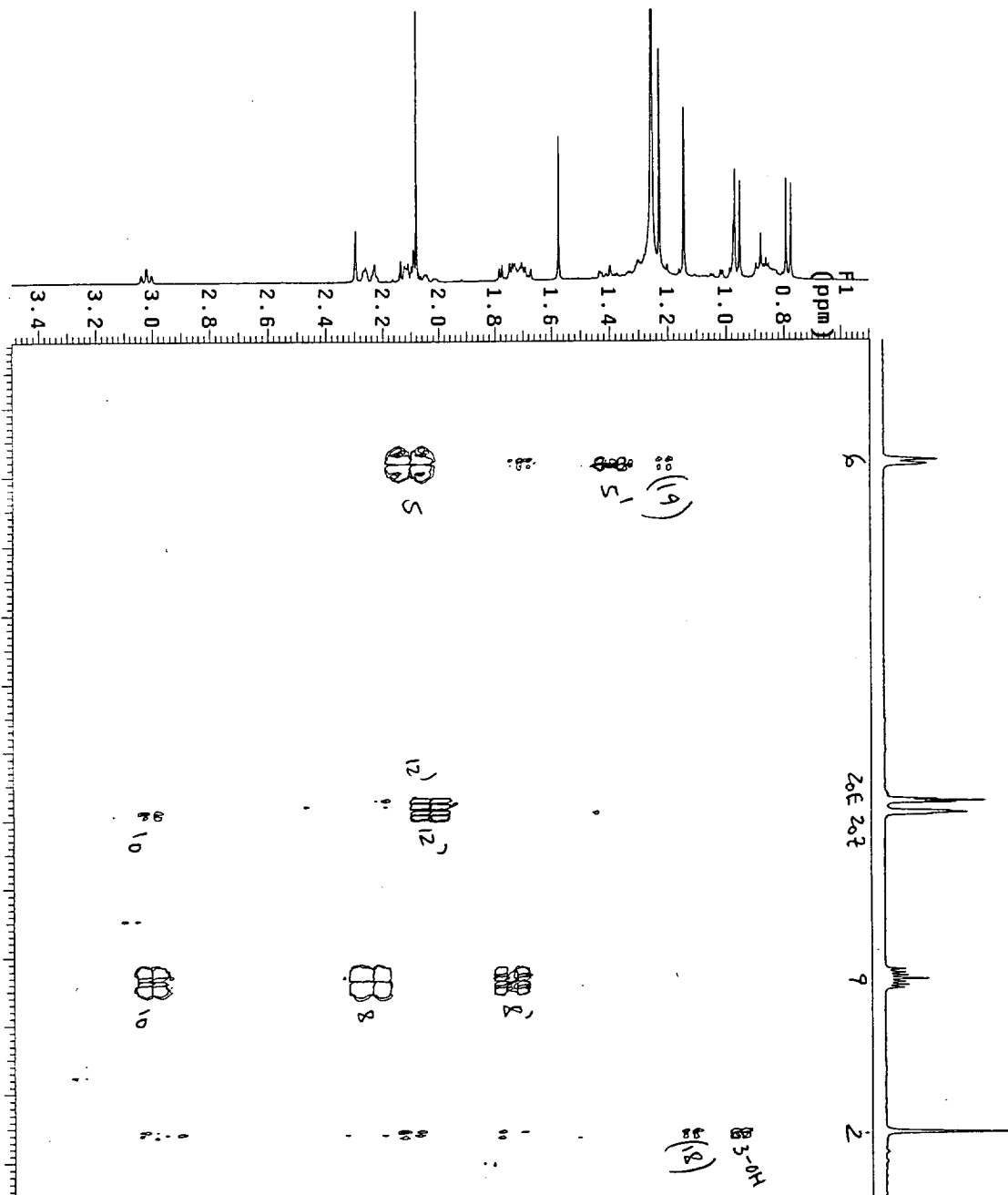
LAP_DQFCSIY.Z00M2
 18A acetate
 Solvent: CDCl3
 Operator: DF
 gain=26/ct=32
 exp6 DQFCSIY

SAMPLE		DEC. & VT	
date	6 99	dn	H1
solvent	CDCl3	dof	0
file	/home/vnmr1/D-	dm	n
file	F1207/LAP_DQFCSIY	dmm	c
ACQUISITION		daf	not used
strg	399.976	dpr	30
tn	H1	temp	28.0
at	0.301	sb	-0.301
np	2048	sw	-0.301
sw	3399.8	phf	30.0
fb	2000	ptf	30.0
tpwr	54	wt	1p
pw	11.9	proc	2048
di	1.000	fn	f
tor	-917.8	math	
nt	32	weff	
ct	32	wexp	
alock	26	ws	
gain	26	wnt	
2D PROCESSING			
fl	n	sd1	-0.075
in	n	sd1	-0.075
dp	n	wt	1024
hs	2D ACQUISITION	proc	ft
sw1	3399.9	fn1	
nt	256	sp	198.9
2D DISPLAY			
sp1	192.6	wp	797.6
wp1	798.4	vs	400
sc2	0	sc	70
wc2	130	hzm	130
rf11	199.9	hzm	6.14
rfp1	0	is	109.62
rfp		ph	116.667
th			
ins			
at			



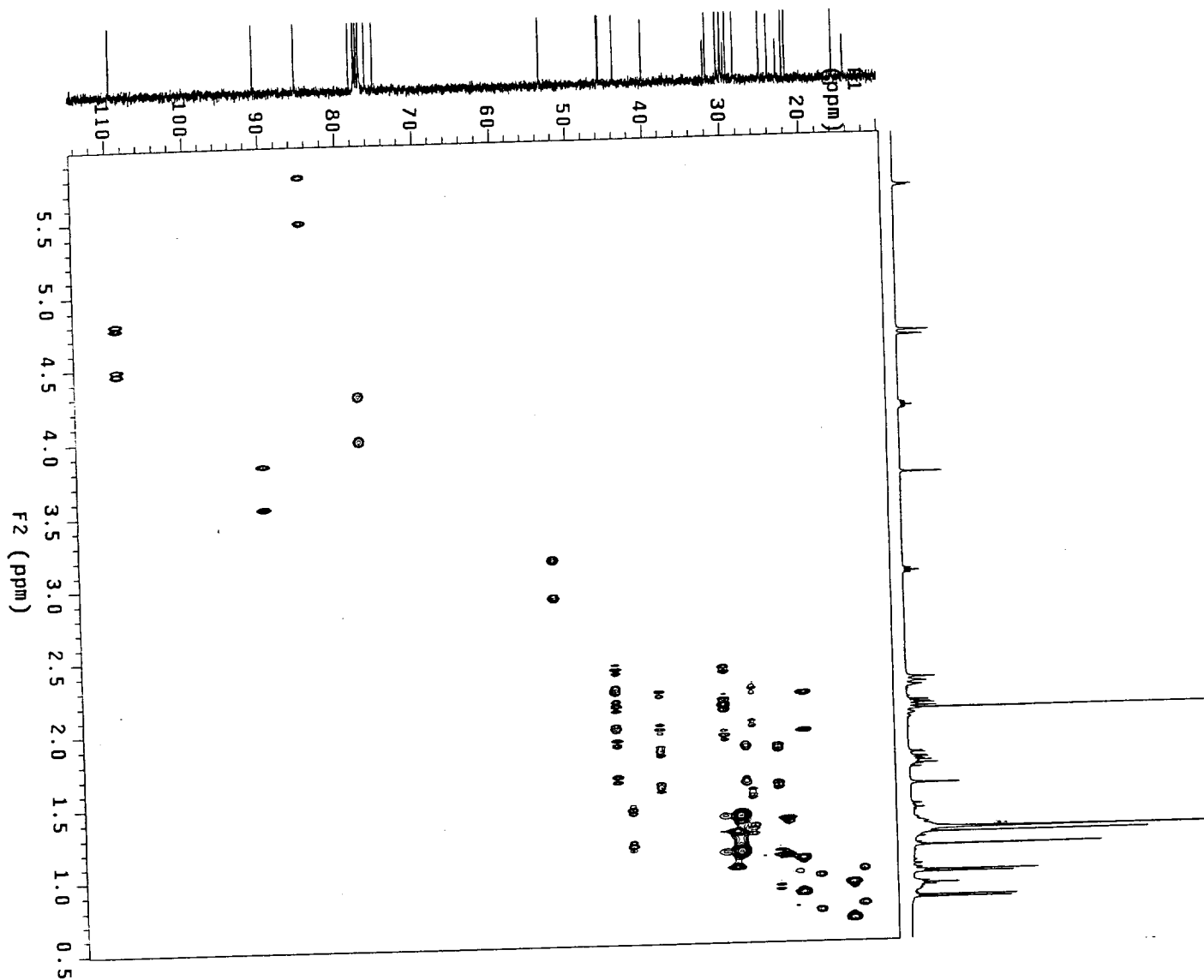
LAP_DQFOSY.ZOOM3
 1BA_acetate
 Solvent: CDCl3
 Operator: DF
 gain=25/ct=32
 exp6 DQFOSY

SAMPLE		DEC. & VT	
date	Dec 6 99	dn	H1
solvent	CDCl3	dof	0
file	/home/vnmr1/D-	dm	n
file	F1207/LAP_DQFOSY	dmm	c
ACQUISITION		dmt	not used
sfrq	399.976	dpwr	30
tn	H1	temp	28.0
at	0.301	PROCESSING	
np	2048	sb	-0.391
sw	3399.9	sbs	-0.301
td	2000	phrld	30.0
tpwr	54	wtfile	
pwr	11.9	proc	1p
dl	1.000	fn	2048
tof	-917.8	math	f
nt	32	werf	
ct	32	wexp	
atock	v	ws	
gain	26	wnt	
FLAGS		AUTOSAVE	
11	n	2D PROCESSING	
1n	n	sbl	-0.075
dp	y	sbs1	-0.075
hs	n	wtfile	
2D ACQUISITION		proc1	ft
sw1	3399.9	fn1	1024
n1	256	2D DISPLAY	
sp1	192.6	sp	198.9
w1	797.6	wp	797.6
sc2	798.4	vs	2000
wc2	0	sc	70
rf11	130	hzm	130
rf11	199.9	hzm	108.62
rf11	0	hzm	199.3
at		hzm	0
at		hzm	116.667



```
LAP_DQFCOSY.ZOOM4
18A_acetate
Solvent: CDCl3
Operator: DF
gain=26
exp6  DQFCOSY
```

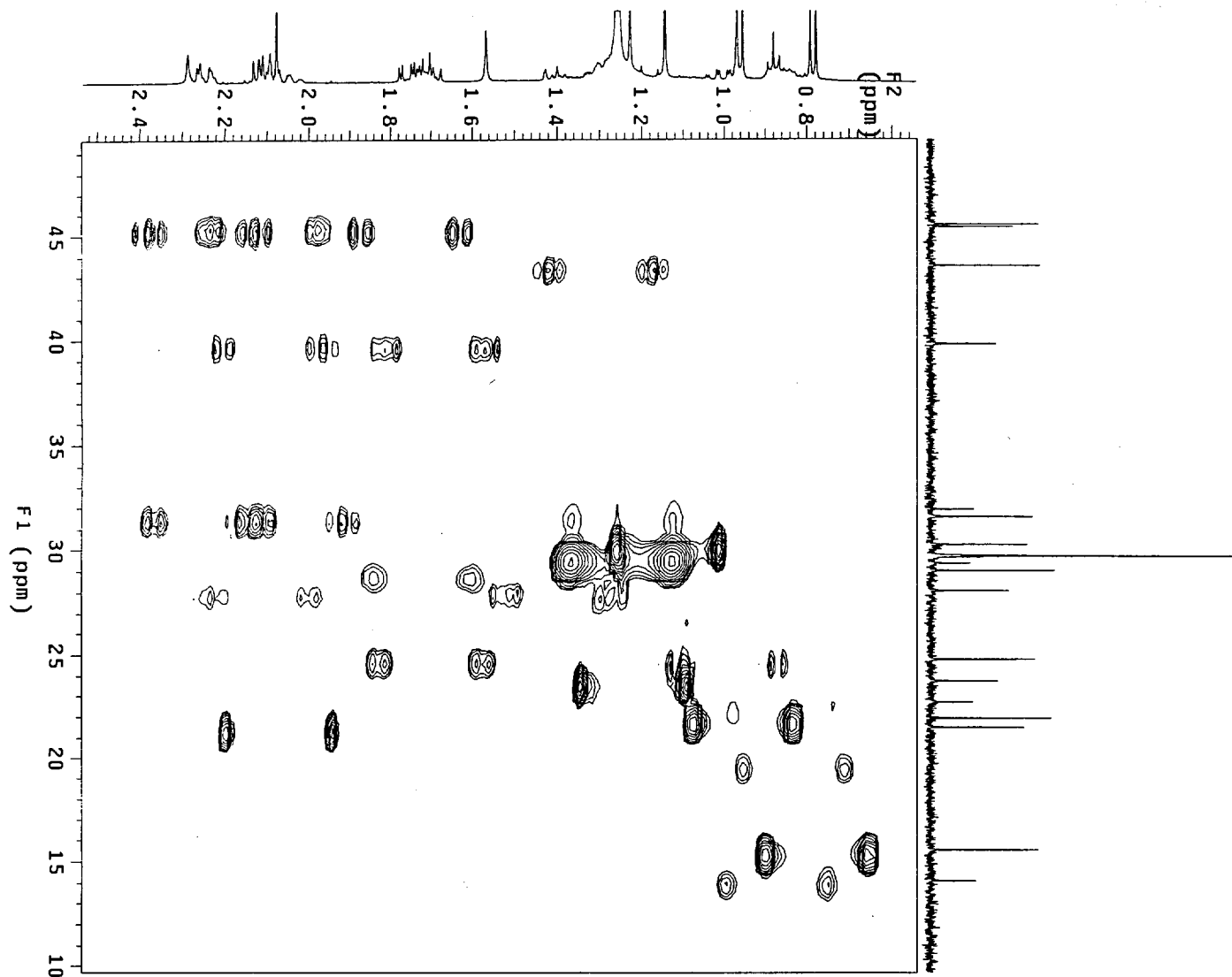
	SAMPLE	Dec 6 98	dn	DEC. & VT	H1
date	Dec Cdc13	dof	dm		0
solvent	tfile/home/vnmr/LD-	dm	n		
f107/lap_DDFCSY		dmm	G		
ACQUISITION		dmt		not used	C
sfrq	399.976	dpr		30	
in	H1	temp		28.0	
at	0.301		PROCESSING		
sw	2048	ss	-0.301		
fb	3399.9	sb	-0.301		
tdwr	2000	pfid	30.0		
pwr	54	wrttl			
dl	11.90	proc			
tot	1.000	tn	2048		
ct	-91.8	math			
nt	32				
cl	32	Weir		AUTOSAVE	
a1ock	vbs	Wexp			
gain	26	Wds			
	wti				
FLAGS	n	2D PROCESSING			
ll	n	sbl	-0.0757		
dp	y	sbl	-0.0757		
hs	n	wrttl			
hs 2D ACQUISITION		proci			
svl	3399.9	ftn	1024		
n1	256				
2D DISPLAY		DISPLAY	1998.7		
sp1	199.3	\$P	1998.7		
wp1	1197.6	WP	997.0		
sc2	0	Vs	3200		
wc2	130	WC	707		
rfl1	199.9	hzmm	130		
rfl1	0	ts	109.62		
rfl1	199.9	rfl	199.9		
rfl1	0	rfl	0		
rfl1	2	ths	2		
at	ph		116.667		



```

SAMPLE          DEC. & VT          ACQUISITION ARRAYS
date    Dec 10 1999      dfrq    125.706      arraydim
solvent      CDCl3      dn      C13      phase
file /home/vnmr/11~  dpr      42      1
BA_acetate/50MHz/  dof      -536.9      1
HQC          dm          nn          1
ACQUISITION      dm          cg          2
sfrq    499.879      dmf          9000
in      H1      dseq          1.0
at      0.205      dres          11.8
np      2048      pwx          62
sw      4998.8      pwx1vl      n
fb      2800      homo          n
ss      5      temp      25.0
tpwr      54      PROCESSING      x
pw      9.1      gf      0.095
d1      0.800      gfs      not used
tor      -500.0      wfile          ft
nt      32      proc          2048
ct      32      fn          1
a1ock      n      math
gain      50      werr
null      0.350      wexp
j      145.0      wbs
nmbnd      0.060      wnt
tauwb      nn      2D PROCESSING
sattrlg      0      gfi      0.005
satpwr      0      gfi      not used
satdly      0      wfile
sattrq      0      proc      1p
          FLAGS      fnl      1024
l1      n
in      n
dp      y
hs      n
2D ACQUISITION
sw1      25141.4
n1      256
phase      arrayed
DISPLAY
SP      246.7
wp      2746.1
vs      50
vc      100
wc      130
hzm      21.12
f5      500.00
rf1      500.3
rfp      0
th      0
ins      100.000
at      cdc ph
          2D DISPLAY
sdl      1217.5
wpl      13185.7
sc2      0
wc2      130
rf11      1193.3
rfp1
rfp1

```

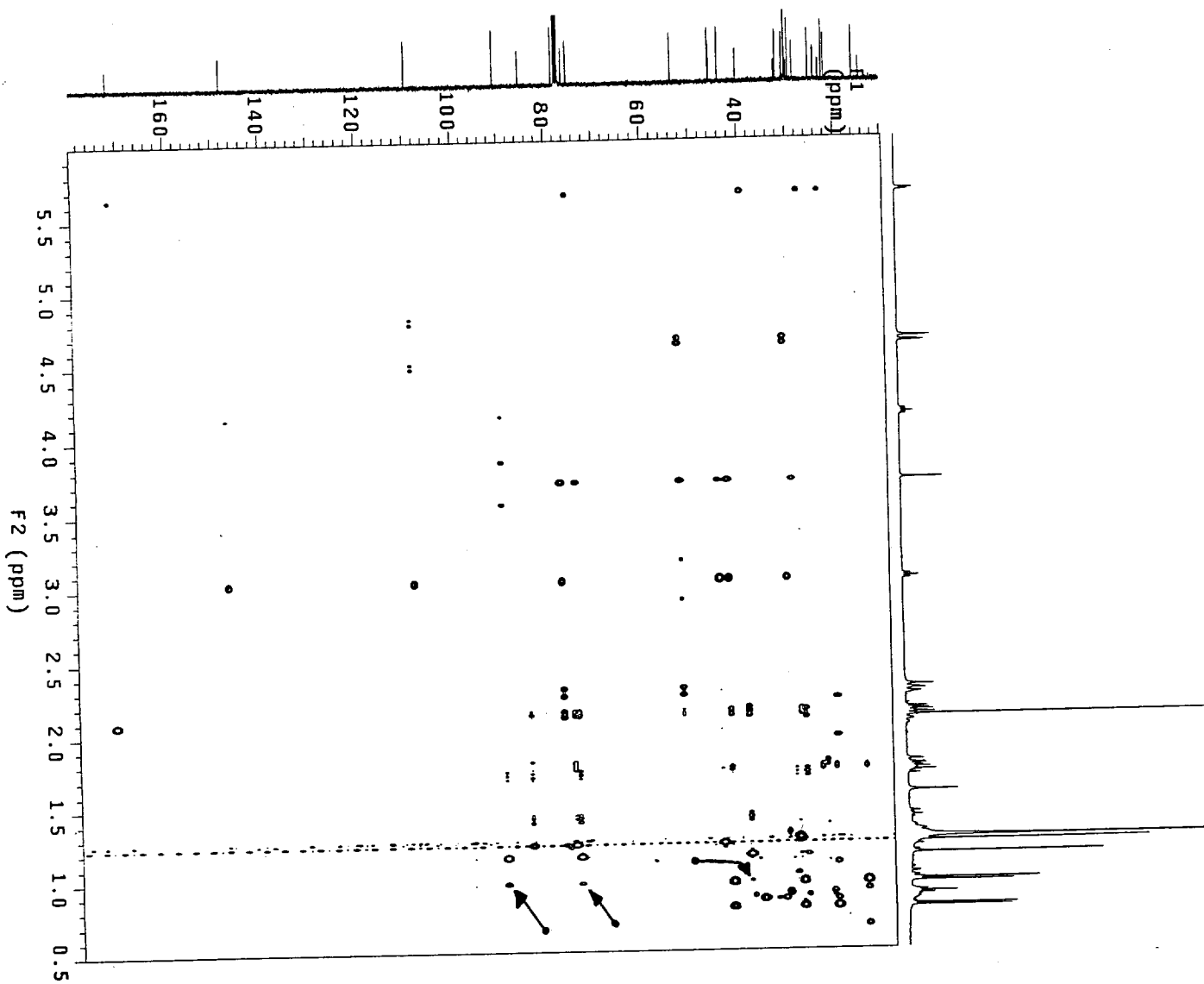


SAMPLE DEC. 10 1999
 date Dec 10 1999
 solvent CDCl3
 file /home/vnmr1/1~
 BA_acetate/500MHz/~
 ACQUISITION
 strq 499.879
 tn H1
 at 0.205
 np 2048
 sw 4998.8
 fb 2800
 ss 8
 tpwr 54
 pw 9.1
 di 0.800
 tof -500.0
 nt 32
 ct 32
 alock 50
 gain 0.350
 null 145.0
 j mbond
 taumb 0.060
 satlg 0
 satpw 0
 satlq 0
 flags 0
 11 n
 in n
 dp y
 hs n
 2D ACQUISITION
 swl 25141.4
 nt 256
 phase arrayed
 DISPLAY
 sp 271.1
 wp 396.8
 vs 50
 sc 100
 hzmm 7.67
 ts 500.00
 rfp 500.9
 th 0
 ins 100.000
 at cdc ph
 2D DISPLAY
 spl 1217.5
 wpl 5018.4
 sc2 0
 wc2 130
 rfp1 1193.3
 rfp1 0

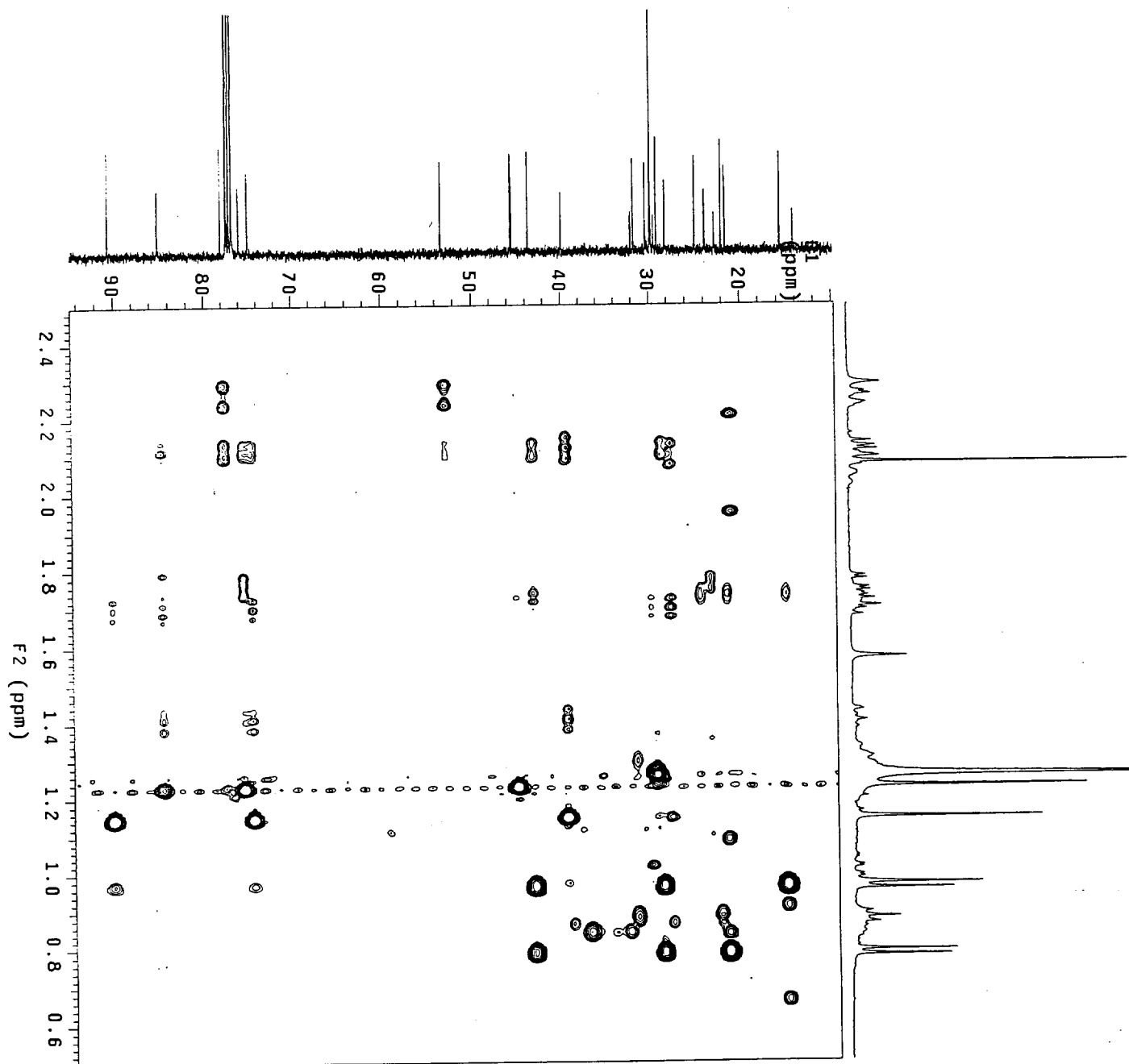
DEC. 8 VT
 dfrq 125.706
 dn C13
 dpr 42
 dpr -536.9
 dm nm
 dmt 9000
 tn H1
 at 0.205
 np 2048
 sw 4998.8
 fb 2800
 ss 8
 tpwr 54
 pw 9.1
 di 0.800
 tof -500.0
 nt 32
 ct 32
 alock 50
 gain 0.350
 null 145.0
 j mbond
 taumb 0.060
 satlg 0
 satpw 0
 satlq 0
 flags 0
 11 n
 in n
 dp y
 hs n
 2D ACQUISITION
 swl 25141.4
 nt 256
 phase arrayed
 DISPLAY
 sp 271.1
 wp 396.8
 vs 50
 sc 100
 hzmm 7.67
 ts 500.00
 rfp 500.9
 th 0
 ins 100.000
 at cdc ph
 2D DISPLAY
 spl 1217.5
 wpl 5018.4
 sc2 0
 wc2 130
 rfp1 1193.3
 rfp1 0

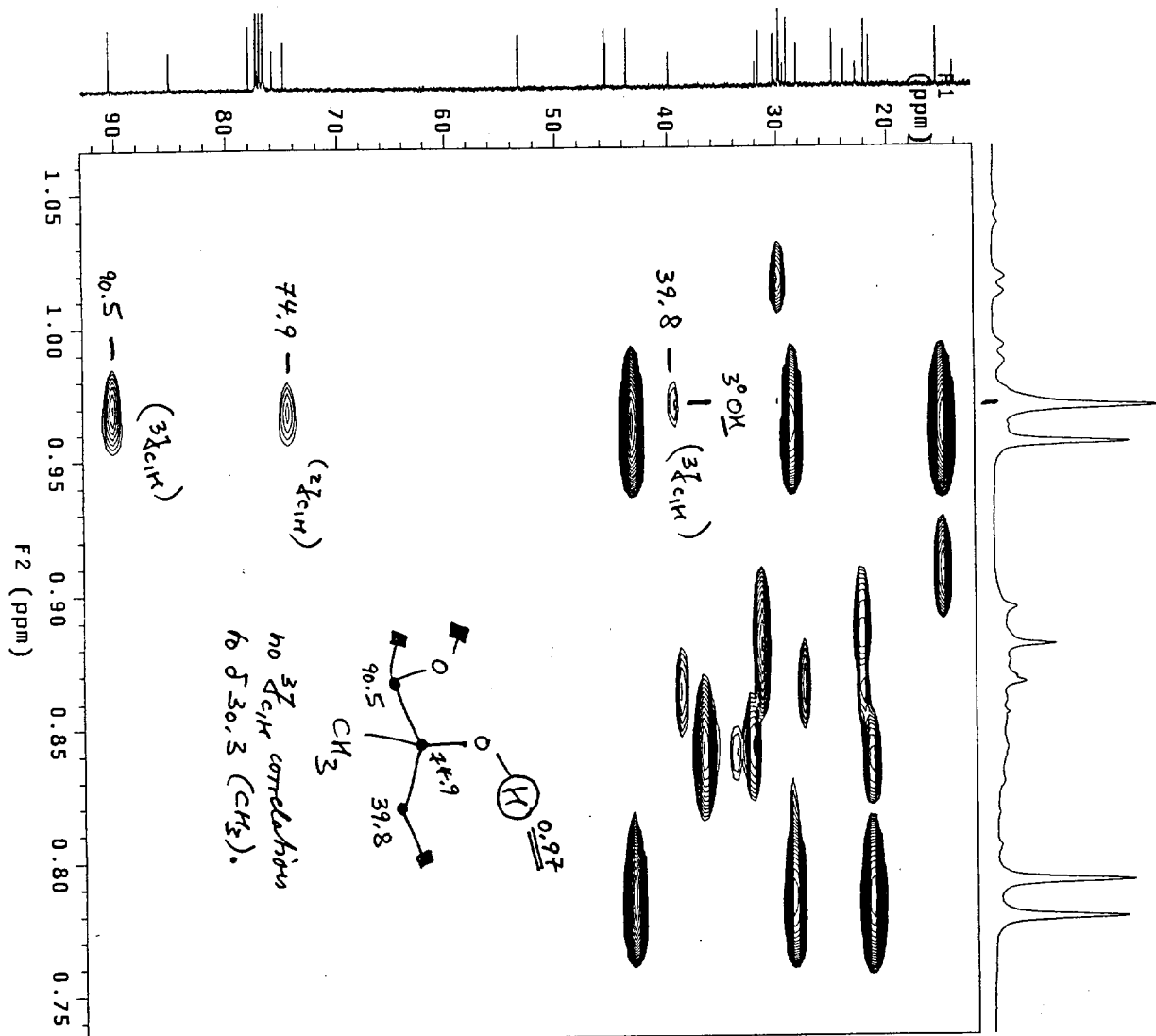
exp4 HMQC
 HMQC.200M1
 18A_acetate
 Solvent: CDCl3
 Operator: DF
 gain=50/ct=32

ACQUISITION ARRAYS
 array array
 arraydim 512
 phase 1
 phase 2



HMBC-80MSEC-NT=256
 1BA:acetate
 Solvent: CDCl3
 Operator: DF
 gain=47/ct=256
 exp4 HMBC
 500 MHz
 HMBC (Boucek)
 CDCl3
 date Dec 10 1999
 solvent CDCl3
 file /home/vnmr1/1-
 BA:acetate/500MHz/-
 HMBC-80MSEC-NT=256
 ACQUISITION
 sfreq 499.879 dmf 9000
 tn H1 dseq 1.0
 ac 0.205 dres 11.8
 np 2048 pwx1v1 62
 sw 4998.8 homo n
 tb 2800 temp 25.0
 ss 8
 tpwr 54 sb
 pw 9.1 sds -0.137
 dl 0.800 wt11e -0.068
 tot -500.0 proc 1p
 nt 256 fn 8192
 ct n math
 alock 47
 gain 0
 null 145.0
 j mbond werr
 taumb wds
 satfig wti
 satpwr 0
 satdly 0
 satfrq 0
 flags n
 f1 n
 f2 n
 f3 n
 f4 n
 f5 n
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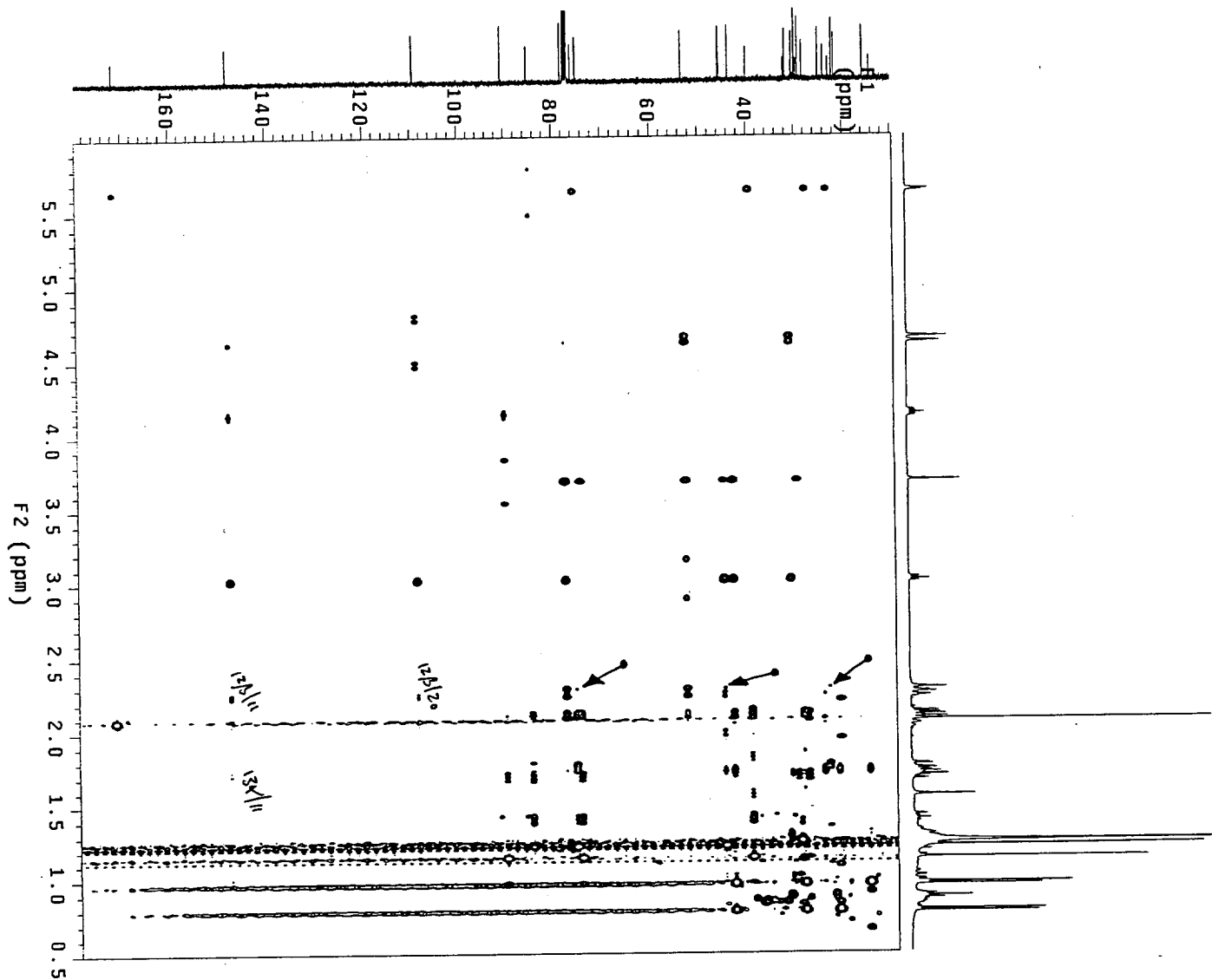




HMBC, 80MSEC, NT=256, ZOOM2
 1BA, acetate
 Solvent: CDCl3
 Operator: DF
 gain=47/ct=256

exp4 HMQC

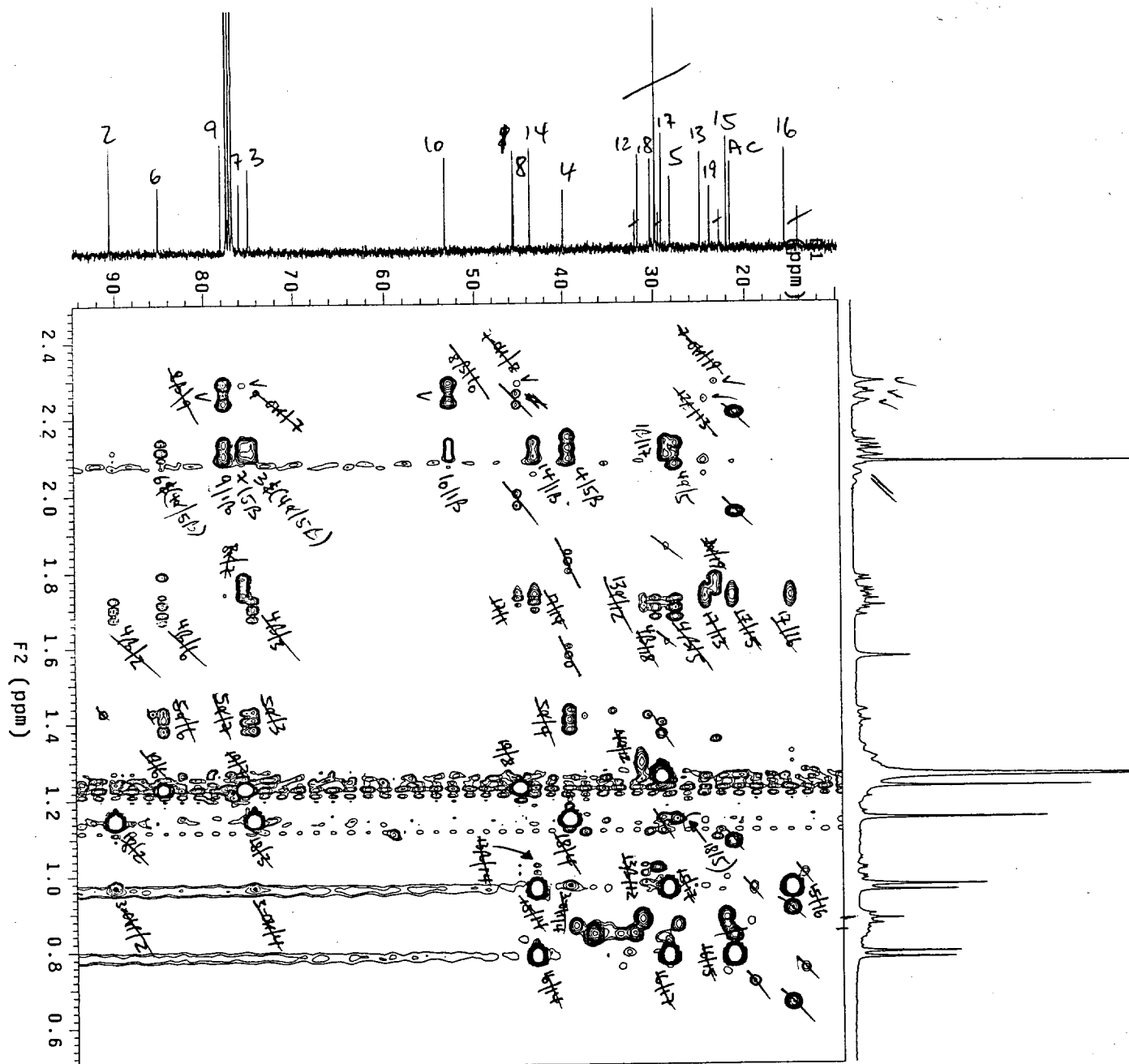
SAMPLE		DEC. & VT		ACQUISITION ARRAYS	
date	Dec 10 1999	dfrq	125.706	array	phase
solvent	CDCl3	dn		arraydim	512
file	/home/vnmr1/1~	dpwr	42		
	BA, acetate/500MHz/~	dm	-536.9	1	1
	HMBC, 80MSEC, NT=256	dm	nm	1	1
	~ZOOM1	dmm	nm	2	2
		dnt	9000		
ACQUISITION					
sfrq	499.879	dseq	1.0		
in	HI	dres	11.8		
at	0.205	pux	62		
np	2048	pux1v1			
sw	4998.8	homo	nm		
fb	2800	temp	25.0		
ss	8	PROCESSING	25.0		
tpwr	54	sb	-0.137		
pv	9.1	sbs	-0.068		
dl	0.800	wf1	1p		
tof	-500.0	proc	8192		
nt	256	fn	1		
ct	256	match			
alock	47	werr			
gain	0	wexp			
null	145.0	wbs			
j	0.060	wnt			
mbond	nm	2D PROCESSING			
taumb	0.005	gt1	0.005		
satp1g	0	ofs1	not used		
satpwr	0	wf1et			
satdly	0	procl	ft		
satfrq	0	fn1	1024		
FLAGS					
11	n				
in	n				
dp	y				
hs	n				
2D ACQUISITION					
sw1	25141.4				
n1	256				
phase	arrayed				
DISPLAY					
sp	366.8				
wp	166.0				
vs	90				
sc	100				
vc	130				
h2mm	1.28				
is	500.00				
ft1	4129.0				
ftp	3629.1				
th	0				
ins	100.000				
at	cdc				
av	2D DISPLAY				
sp1	1561.9				
wp1	10135.3				
sc2	0				
vc2	130				
ft11	10871.8				
ftp1	9678.4				

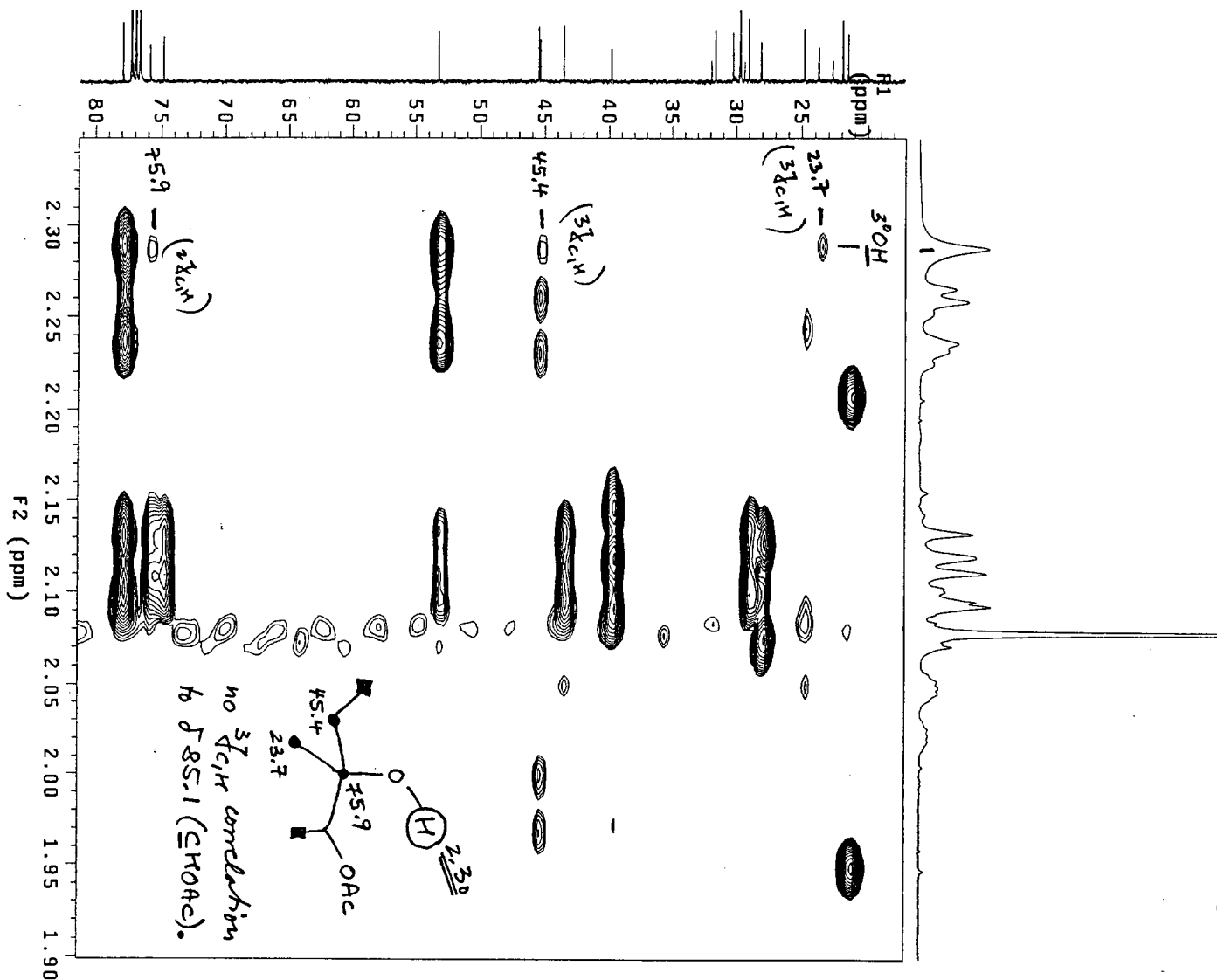


HMBC, 800SEC, NT=256, ZOOM3
 18A-acetate
 Solvent: CDCl3
 Operator: DF
 gain=47/ct=256

exp4 HMQC

SAMPLE		DEC. & VT		ACQUISITION ARRAYS	
date	Dec 10 1999	dfrq	125.706	array	phase
solvent	CDCl3	dn	42	arraydim	512
file	/home/vnmr/1/~	ddr	-536.9	1	1
8A-acetate	500MHz/1~	dot	CG	2	2
HMBC, 800SEC, NT=256	DM	dm	CG	2	2
ZOOM1	DM	dm	CG	2	2
ACQUISITION	439.679	dseq	1.0		
tn	H1	dres	11.8		
at	0.205	pux1v1	62		
np	2048	homo	25.0		
sv	4998.8	temp	-0.137		
fb	2800	temp	-0.068		
ss	8	temp	8192		
tpwr	54	sps	1024		
pw	9.1	wrtfile			
di	0.800	proc			
tot	-300.0	fn			
nt	256	math			
ct	256	math			
alock	47	werr			
gain	0	wexp			
null	145.0	wbs			
j	0.080	wnt			
mbond	0.080	2D PROCESSING			
taubnd	0.080	gfi	0.005		
satf1g	nn	gfi1	not used		
satpwr	0	wrtfile			
satdly	0	proc1			
satfrq	0	ft	1024		
FLAGS	nn	ft	1024		
11	nn	ft	1024		
in	nn	ft	1024		
dp	nn	ft	1024		
hs	nn	ft	1024		
2D ACQUISITION	nn	ft	1024		
sw1	25141.4	ft	1024		
n1	256	ft	1024		
phase	arrayed	ft	1024		
DISPLAY	arrayed	ft	1024		
SP	249.6	ft	1024		
WP	2749.0	ft	1024		
VS	200	ft	1024		
VC	100	ft	1024		
WC	130	ft	1024		
hzm	21.15	ft	1024		
is	500.00	ft	1024		
rfl	4129.0	ft	1024		
rflp	3629.1	ft	1024		
th	0	ft	1024		
ins	100.000	ft	1024		
ai	cdc av	ft	1024		
2D DISPLAY	cdc av	ft	1024		
SP1	1217.5	ft	1024		
WP1	21353.0	ft	1024		
SC2	0	ft	1024		
WC2	130	ft	1024		
rfl1	10671.8	ft	1024		
rflp1	9678.4	ft	1024		



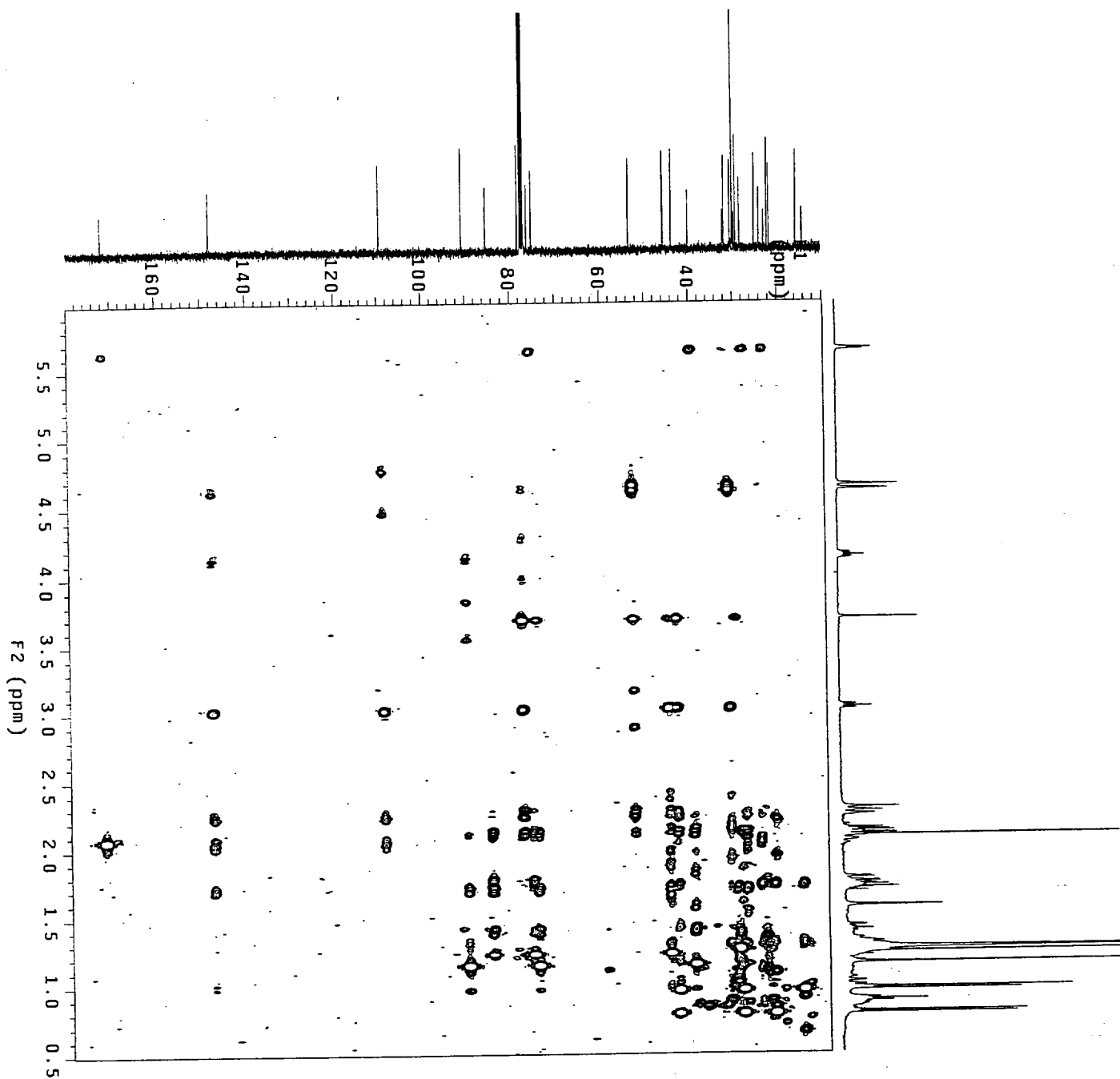


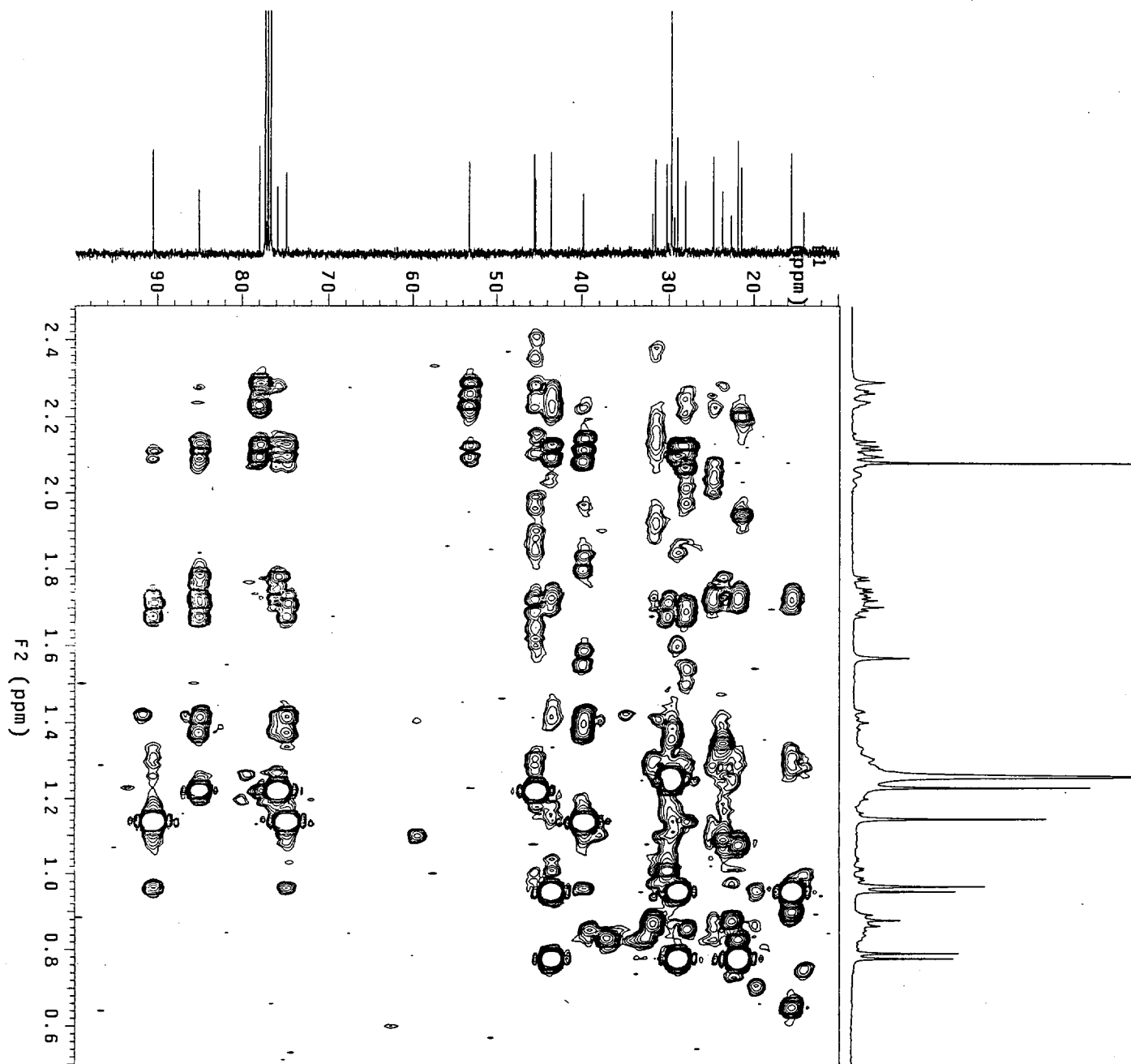
HMBC-80MSEC-NT=256.200M1
18A-acetate
Solvent: CDCl₃
Operator: DF
gain=47/ct=256

exp4 HMQC

SAMPLE		DEC. & VT		ACQUISITION		ARRAYS						
date	Dec 10 1999	dfreq	125.706	array	phase	array	phase					
solvent	CDCl ₃	dn	42	array	512	array	512					
file	/home/ympr/1/~	dpr	-536.3	array	1	array	1					
BA	acetate/500MHz/	dot	nm	array	2	array	2					
HMBC-80MSEC-NT=256	200M1	dm	cg	array	2	array	2					
ACQUISITION	499.879	dmt	9000	array	2	array	2					
sfreq	499.879	dseq	1.0	array	2	array	2					
tn	H1	dres	11.8	array	2	array	2					
at	0.205	pwx	62	array	2	array	2					
np	2048	homo	25.0	array	2	array	2					
sw	4998.8	temp	25.0	array	2	array	2					
fb	2800	temp	25.0	array	2	array	2					
ss	8	temp	25.0	array <tr <td>tpwr</td> <td>54</td> <td>sb</td> <td>-0.137</td> <td>array</td> <td>2</td> <td>array</td> <td>2</td>	tpwr	54	sb	-0.137	array	2	array	2
pv	9.1	sbs	-0.068	array	2	array	2					
dl	0.800	wrttle	1p	array	2	array	2					
tof	-500.0	proc	8192	array	2	array	2					
nt	256	fn	1	array	2	array	2					
ct	256	math	1	array	2	array	2					
alock	n	werf	1	array	2	array	2					
gain	47	wexp	1	array	2	array	2					
null	0	wbs	1	array	2	array	2					
j	145.0	wnt	1	array	2	array	2					
mbond	y	wnt	1	array	2	array	2					
taumb	0.080	gfi	0.005	array	2	array	2					
satrig	nn	gfi	0.005	array	2	array	2					
satpr	0	wrttle	not used	array	2	array	2					
satly	0	procl	ft	array	2	array	2					
satirg	0	procl	1024	array	2	array	2					
FLAGS	n	procl	1024	array	2	array	2					
11	n	procl	1024	array	2	array	2					
in	y	procl	1024	array	2	array	2					
dp	n	procl	1024	array	2	array	2					
hs	y	procl	1024	array	2	array	2					
2D ACQUISITION	25141.4	procl	1024	array	2	array	2					
sw1	256	procl	1024	array	2	array	2					
ni	256	procl	1024	array	2	array	2					
phase	arrayed	procl	1024	array	2	array	2					
DISPLAY	arrayed	procl	1024	array	2	array	2					
sp	949.1	procl	1024	array	2	array	2					
wp	224.6	procl	1024	array	2	array	2					
vs	200	procl	1024	array	2	array	2					
sc	100	procl	1024	array	2	array	2					
wc	130	procl	1024	array	2	array	2					
hzm	1.73	procl	1024	array	2	array	2					
is	500.00	procl	1024	array	2	array	2					
rfl	4129.0	procl	1024	array	2	array	2					
rtp	3629.1	procl	1024	array	2	array	2					
th	0	procl	1024	array	2	array	2					
ins	100.000	procl	1024	array	2	array	2					
at	cdc av	procl	1024	array	2	array	2					
2D DISPLAY	2152.3	procl	1024	array	2	array	2					
spl	8068.9	procl	1024	array	2	array	2					
sc2	0	procl	1024	array	2	array	2					
wc2	130	procl	1024	array	2	array	2					
rfl1	10871.8	procl	1024	array	2	array	2					
rtp1	9676.4	procl	1024	array	2	array	2					

500 MHz
Grad. H¹HBC (60 msec)
CDCl₃





```

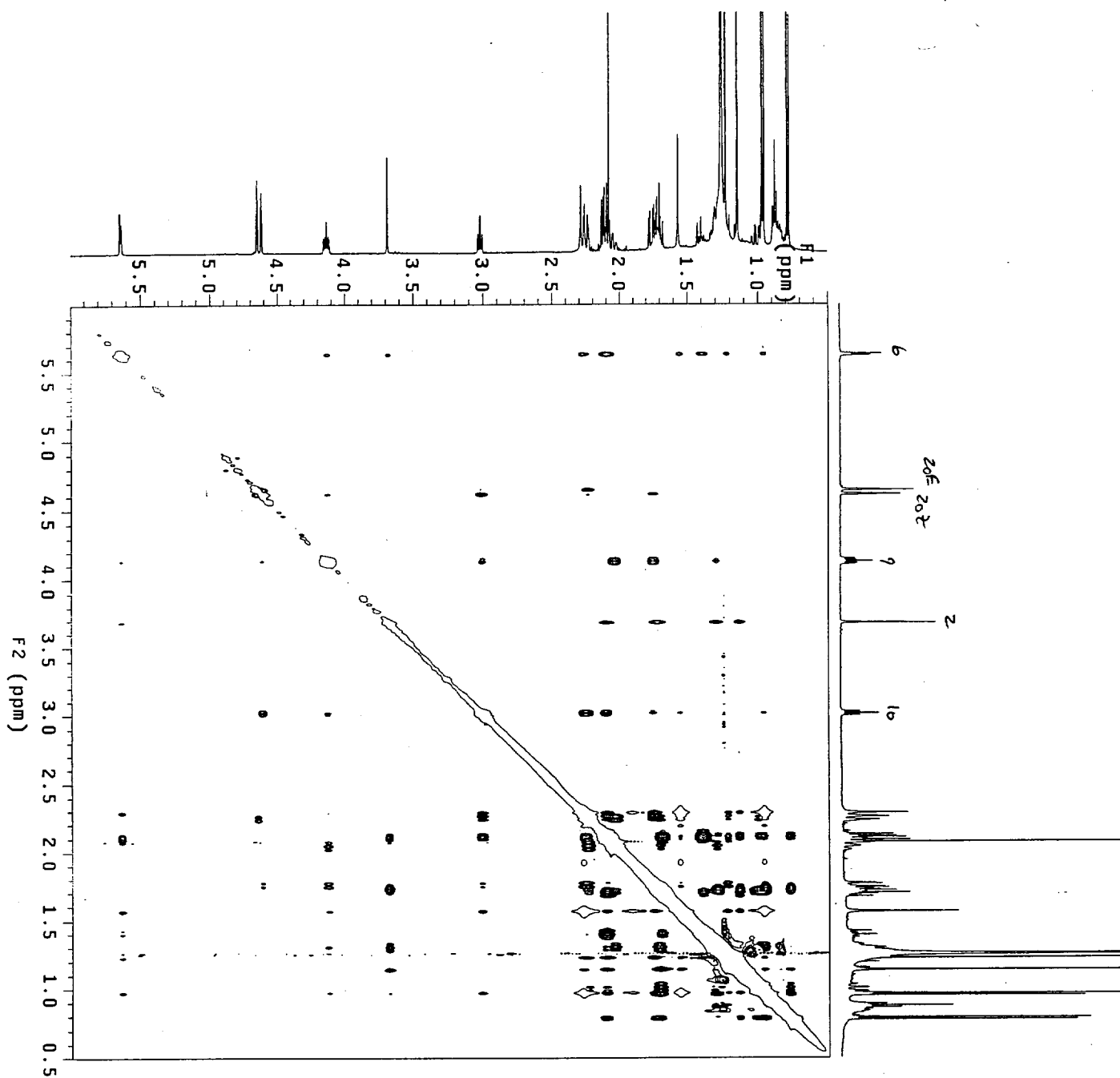
GMHC.60HSEC.NT=128
18A acetate
Solvent: COC13
Operator: DF
gain=80/ct=128

exp8 GMHC

SAMPLE DEC. A VT ACQUISITION ARRAYS
date Dec 9 1999 dtrq 125.766 array phase
solvent COC13 dn C13 arraydim 512
file/home/vnmr1/w- dpwr 42
ISC/HSC DATA/18A-~ dof -536.9 1 phase
acetate/500MHz CDC- dm nn 1
13/GMHC.60HSEC.NT- dmm cg 2
=128 dmf 9000

ACQUISITION=128
strq 499.879 dseq 1.0
tn H1 dres 11.8
at 0.205 pwxlv1 62
np 2048 homo n
sw 4998.8 temp 25.0 K
fb 2800 PROCESSING
ss 8 gf 0.095
tpwr 54 gfs not used
pw 9.1 wtrfile ft
di 0.800 proc 2048
tof -500.0 fn 1
nt 128 math
ct 128
alock n werr
gain 60 wexp
null 0 wbs
mbond 145.0 wnt 2D PROCESSING
taumb 0.060 V sb1 -0.005
satfig nn sbst not used
satpwr 0 wtrfile
satdiv 0 proc ft
satfrq 0 fnl 2048
FLAGS 11 n
1n n
dp y
hs n
2D ACQUISITION
sw1 25141.4
n1 256
phase arrayed
DISPLAY
SP 246.7
WP 2746.1
VS 800
SC 70
WC 130
hzm 21.12
is 367.35
f1 500.9
f1p 0
th 2
ins 73.469
at CDC AV
2D DISPLAY
SP1 1239.7
WP1 21356.7
SC2 0
WC2 130
f11 1193.3
f1p1 0

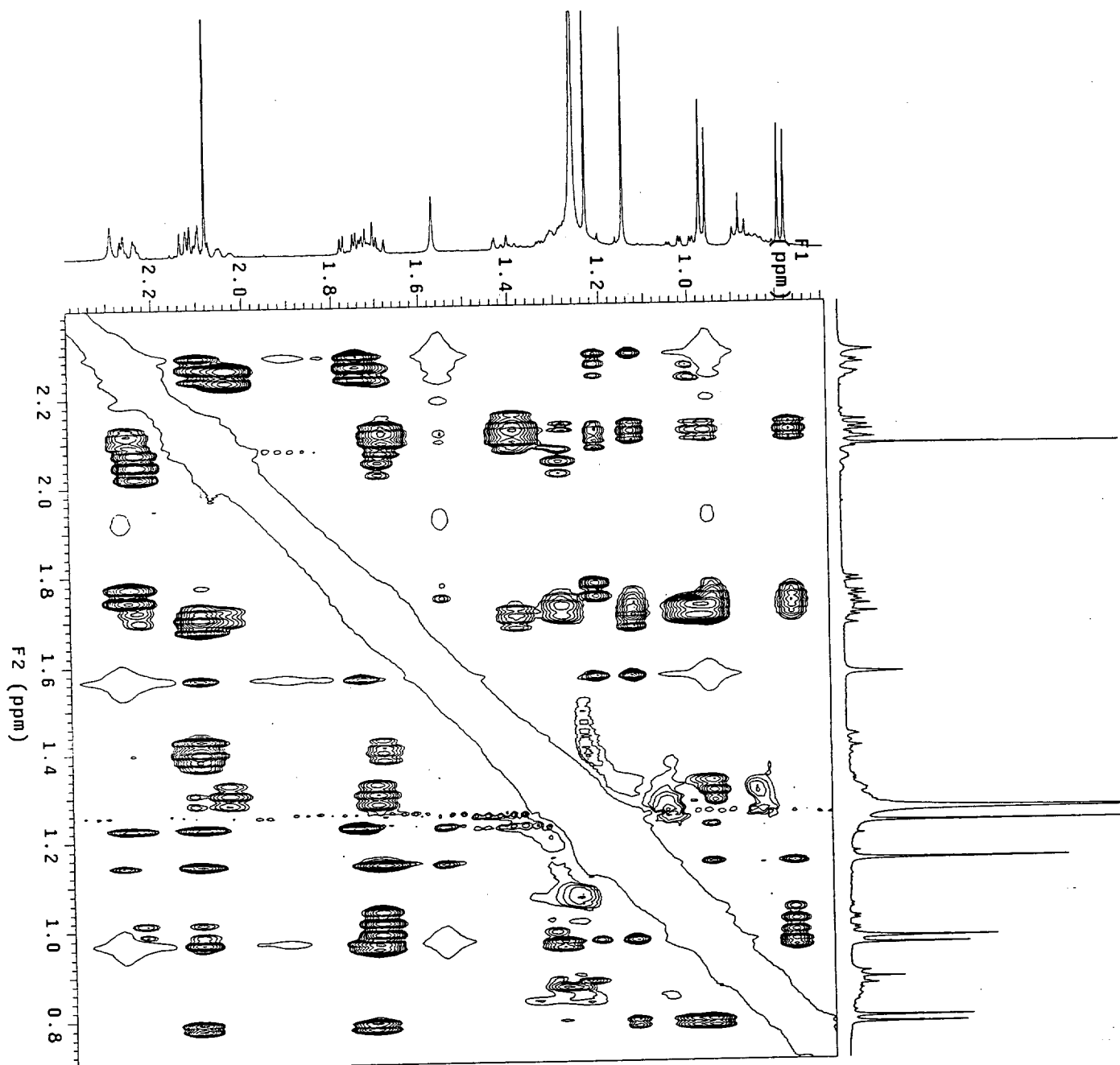
```

NOESY
1BA, acetate
Solvent: CDCl3
Operator: DF
gain=24/ct=32
exp8 NOESY
SAMPLE
date Dec 10 1999
solvent CDCl3
file /home/vnmr1/1~
BA, acetate/500MHz/2~
NOESY
ACQUISITION
strq 499.878
tn 8
at 0.293
np 2048
sw 3499.3
fb 2000
ss 8
pw 9.2
tpwr 54
di 1.000
tof -998.8
nt 32
ct 32
alock 24
gain 24
FLAGS
11 n
in n
dp n
hs y
2D ACQUISITION
sw1 3499.3
n1 256
2D DISPLAY
sp1 249.9
wd1 2746.0
sc2 130
wc2 130
rf11 250.0
rfp1 0

DEC. 8 VT
500 MHz
NOESY
CDCl3

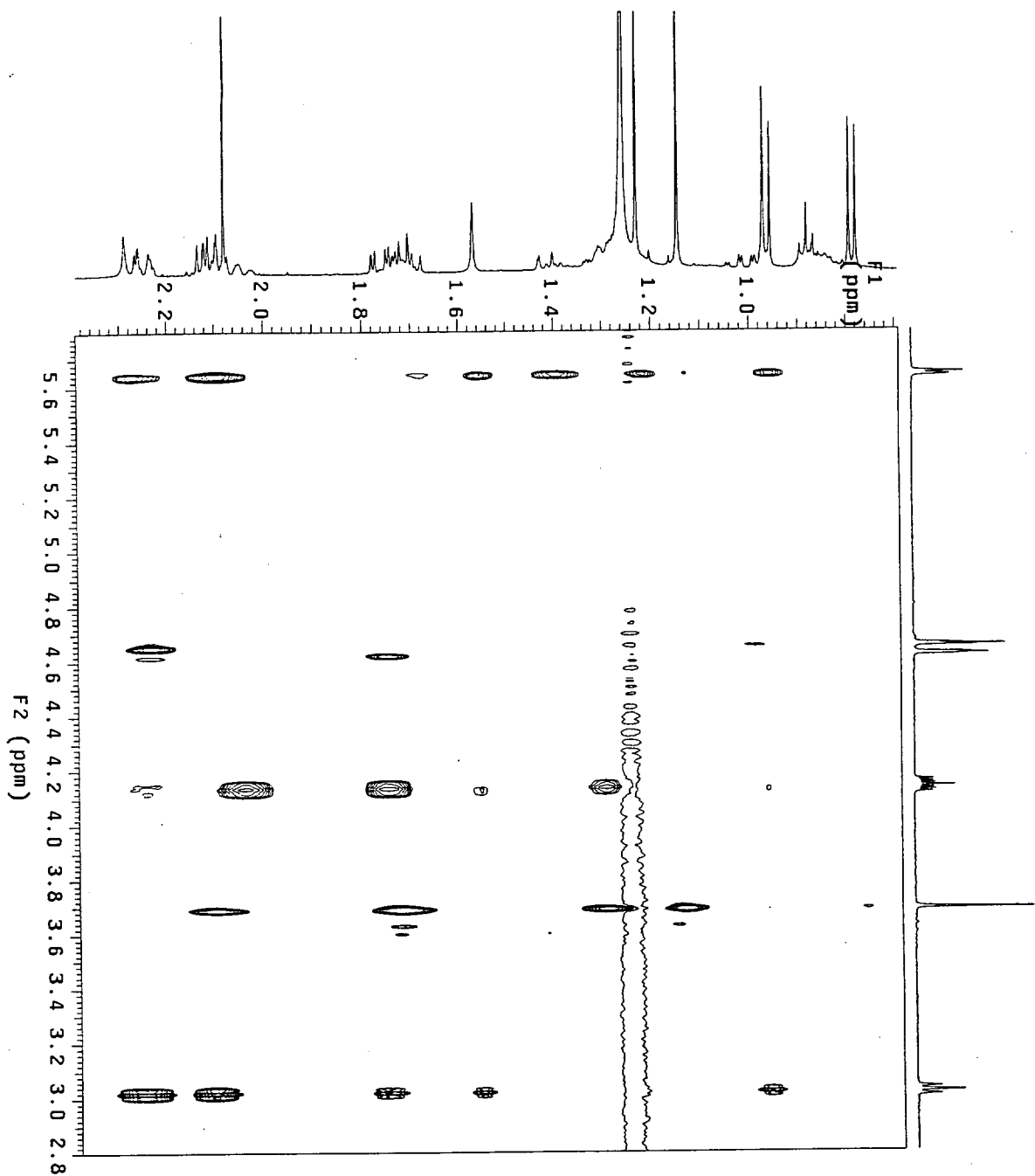
dn 0
dof 0
dm n
dmm n
dmf 200
temp 25.0
PROCESSING
strq 499.878
tn 8
at 0.293
np 2048
sw 3499.3
fb 2000
ss 8
pw 9.2
tpwr 54
di 1.000
tof -998.8
nt 32
ct 32
alock 24
gain 24
FLAGS
11 n
in n
dp n
hs y
2D ACQUISITION
sw1 3499.3
n1 256
2D DISPLAY
sp1 249.9
wd1 2746.0
sc2 130
wc2 130
rf11 250.0
rfp1 0



NOESY.200M1
18A acetate
Solvent: CDC13
Operator: DF
Gain=24/ct=32

exp8 NOESY

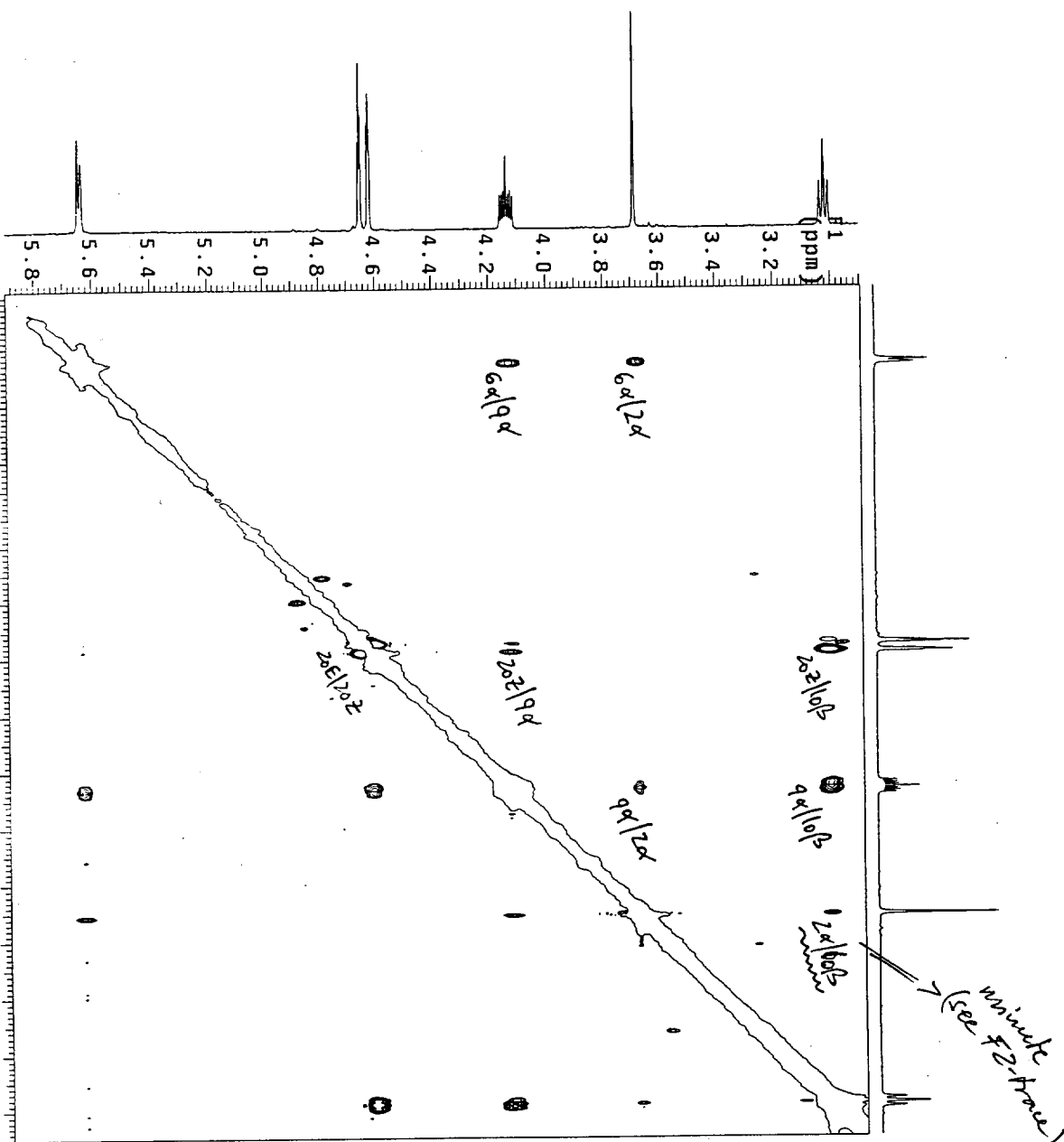
SAMPLE DEC. & VT
date Dec 10 1999 dn
solvent CDC13 d0
file /home/vmr1/1~ dm
BA acetate/500MHz/~ c
NOESY dnt
temp 23.0
sfrq 499.878
tn H1
at 0.293 gf
nd 2048 tn
sw 3499.3 math
td 2000
ss 8 weft
pw 9.2 & weft
sw 9.2 wds
ipwr 54 wnt
dl 1.000 2D PROCESSING
tof -398.8 gfi 0.034
nt 32 gfs not used
ct 32 fml 1024
gain 24 n
flags 24
11 n
in n
in n
ns y
2D ACQUISITION n
sw1 3499.3 f1 130
n1 256 hzmm
2D DISPLAY n
sdl 349.8 ins
wdl 849.1 at
sc2 0 cdc
wc2 130 ph
rf11 250.0
rfpl 0



NOESY-200MHz
18A-acetate
Solvent: CDCl3
Operator: DF
gain=24/ct=32

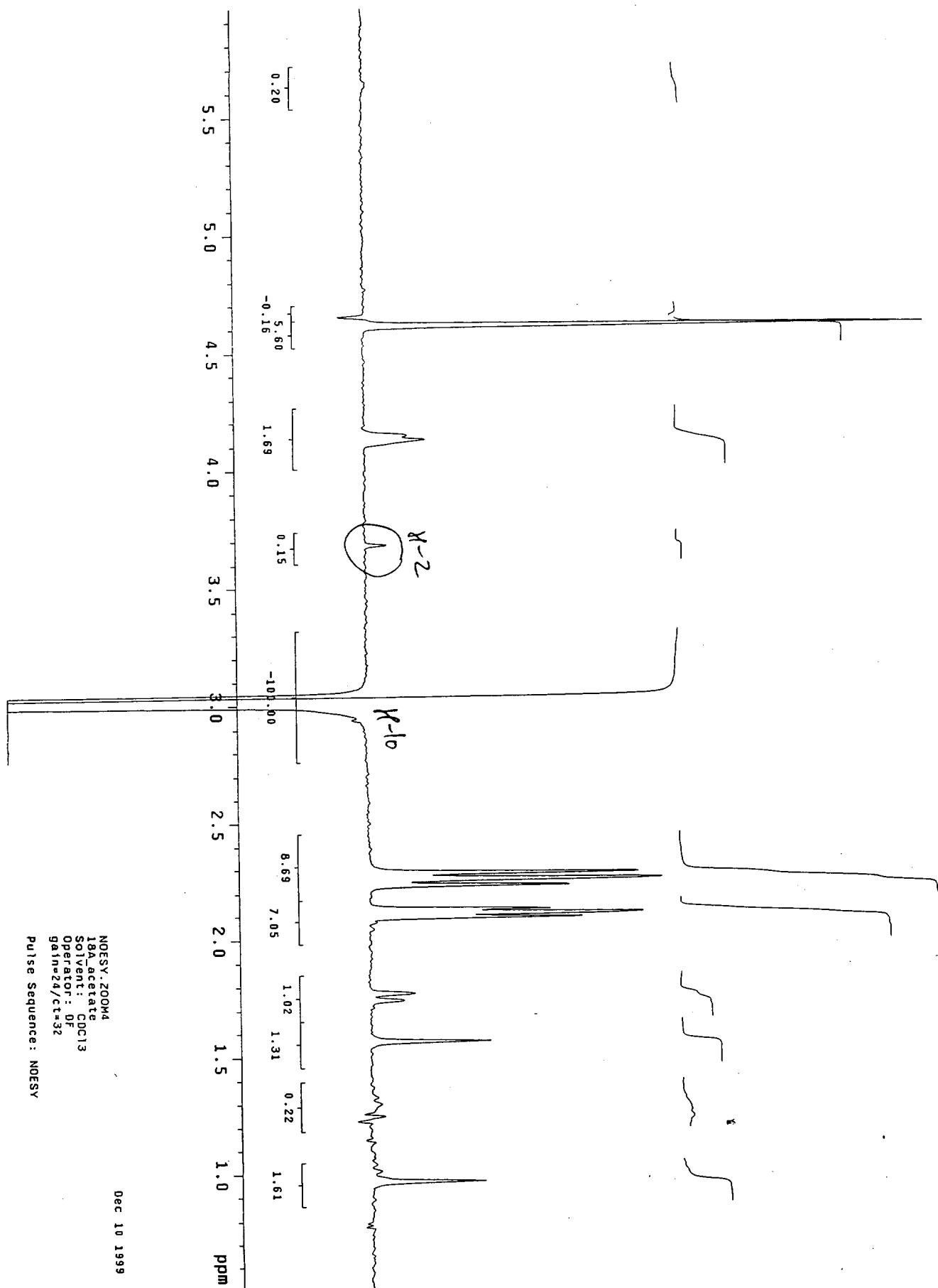
exp8 NOESY

SAMPLE		DEC. & VT	
date	Dec 10 1999	dn	H1
solvent	CDCl3	dof	0
file	/home/vnmr1/1/~	dm	n
BA-acetate/500MHz/2~		dmm	c
NOESY		dwt	200
temp	25.0		
ACQUISITION			
sfreq	499.878	gf	0.135
tn	H1	gfs	not used
at	0.293	tn	4096
np	2048	math	1
sv	3499.3		
tb	2000		
ss	8	werr	
pv	9.2	wexp	
pw	54	wts	
tpwr	1.000	2D PROCESSING	
dl	-998.8	gfi	0.034
tot	32	gfs1	not used
ct	32	tn1	1024
atlock	n	sp	1399.6
gain	24	wp	1499.2
flags		vs	10000.0
11	n	sc	70
1n	n	vc	130
dp	y	hzm	11.53
hs	n	hzm	500.00
2D ACQUISITION		rf1	250.0
sw1	3499.3	th	0
n1	256	th	6
2D DISPLAY		at	cdc
sp1	349.8	ph	1.000
wpl	849.1		
sc2	0		
wc2	130		
rf11	250.0		
rfpl	0		



```
NOESY.200H4      18A.acetate  
Solvent: CDC13  
Operator: DF  
gain=24/ct=32  
  
exp# NOESY  
  
SAMPLE          DATE Dec 10 1999  
date            CDC13  
file/home/vnmr/jl-  
BA acetate/500H4/~  
NOESY  
ACQUISITION    499.878  
freq           H1 gf temp  
tn             0.293 grs PROCESSING 0.135  
np            2046 tn      not used  
sw            3499.3 math 4096  
fb            2000  
ss            8 werr  
pv            9.2 wxep  
pw            9.2 ws  
tpwr          54 vnt  
d1            1.000 2D PROCESSING 0.034  
tof          -998.8 gf1  
ct            32 fsl not used  
nt            32 fml 1024  
ga1n          24 n Display 1449.2  
atlock        sp     1449.2  
flags         n sp   1499.2  
i1            n vs   200000  
in            n sc   70  
ddp           y wc   130  
hs            y hzmm 11.53  
2D ACQUISITION n t5 500.000  
sw1           rfi 250.0  
n1            rfp 0  
2D DISPLAY    spt 6  
sp1           1448.3 at cdc ph 1.000  
wd1           1499.7  
sc2           130  
wc2           250.0  
rf1l         0  
rtpl         0
```

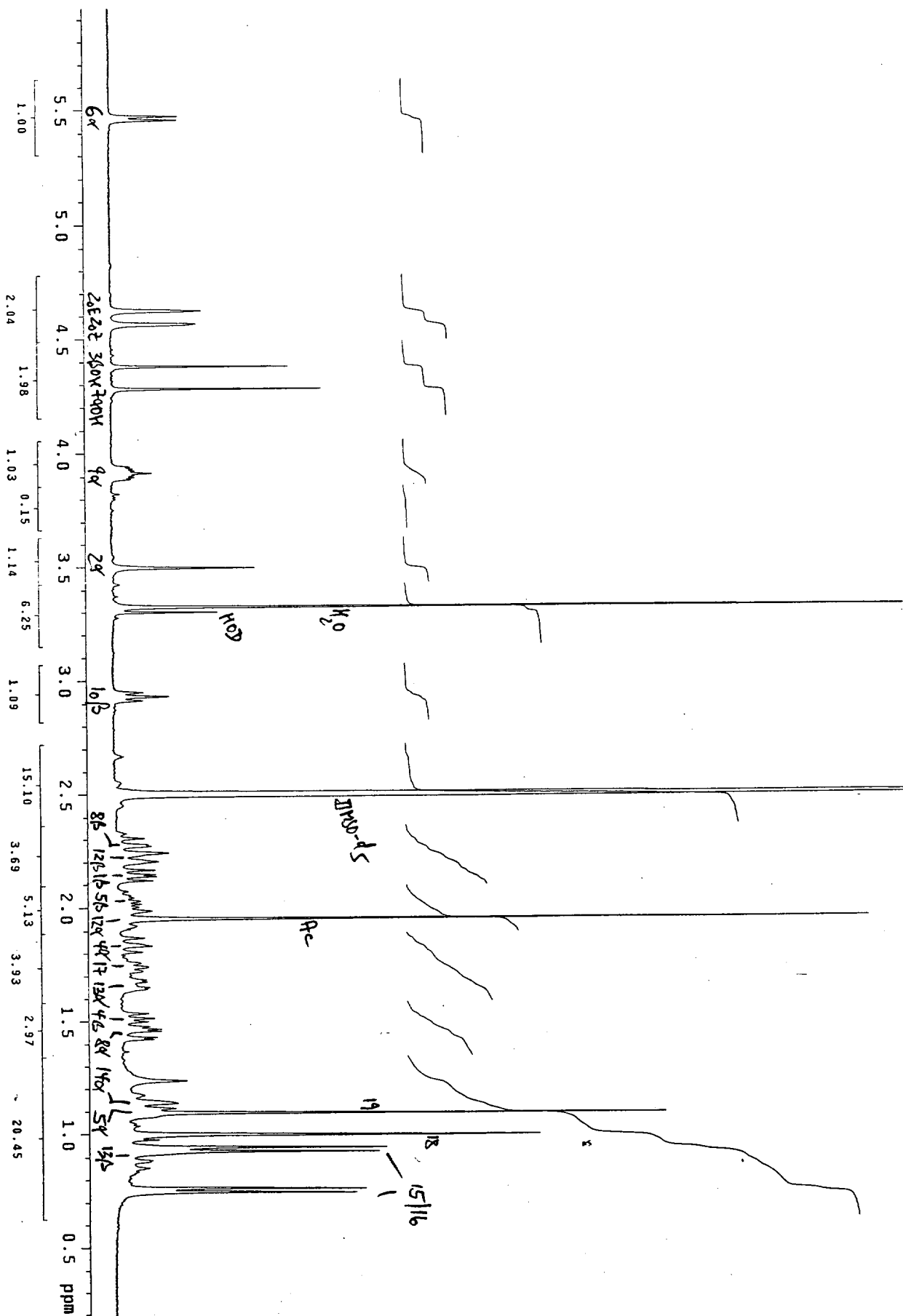
F2-trace through NOESY @ $\delta(H-10)$



NOESY ZOOM4
18A acetate
Solvent: CDCl3
Operator: DF
gain=24/ct=32
Pulse Sequence: NOESY

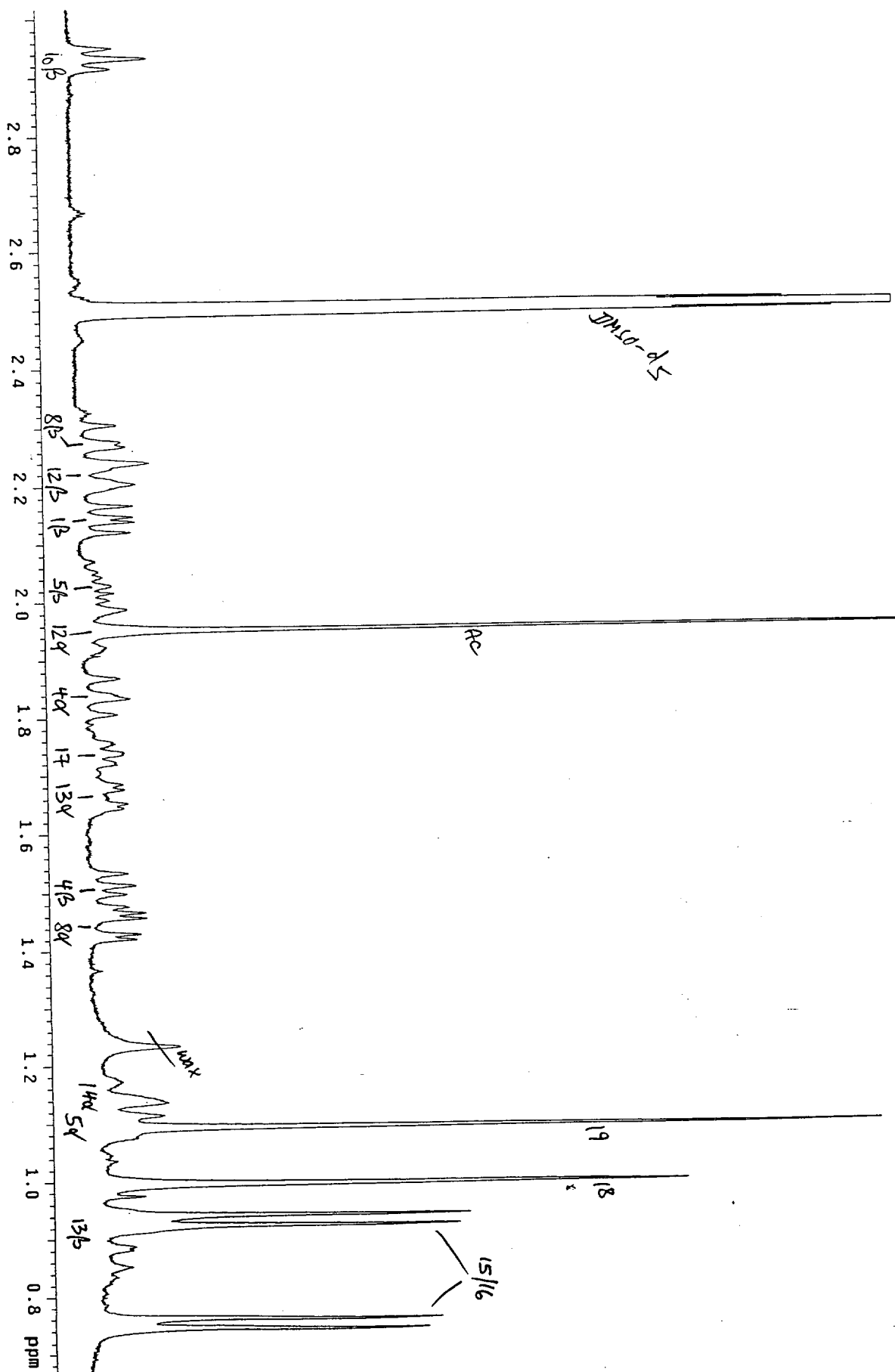
Dec 10 1999

DMSO-*d*₆



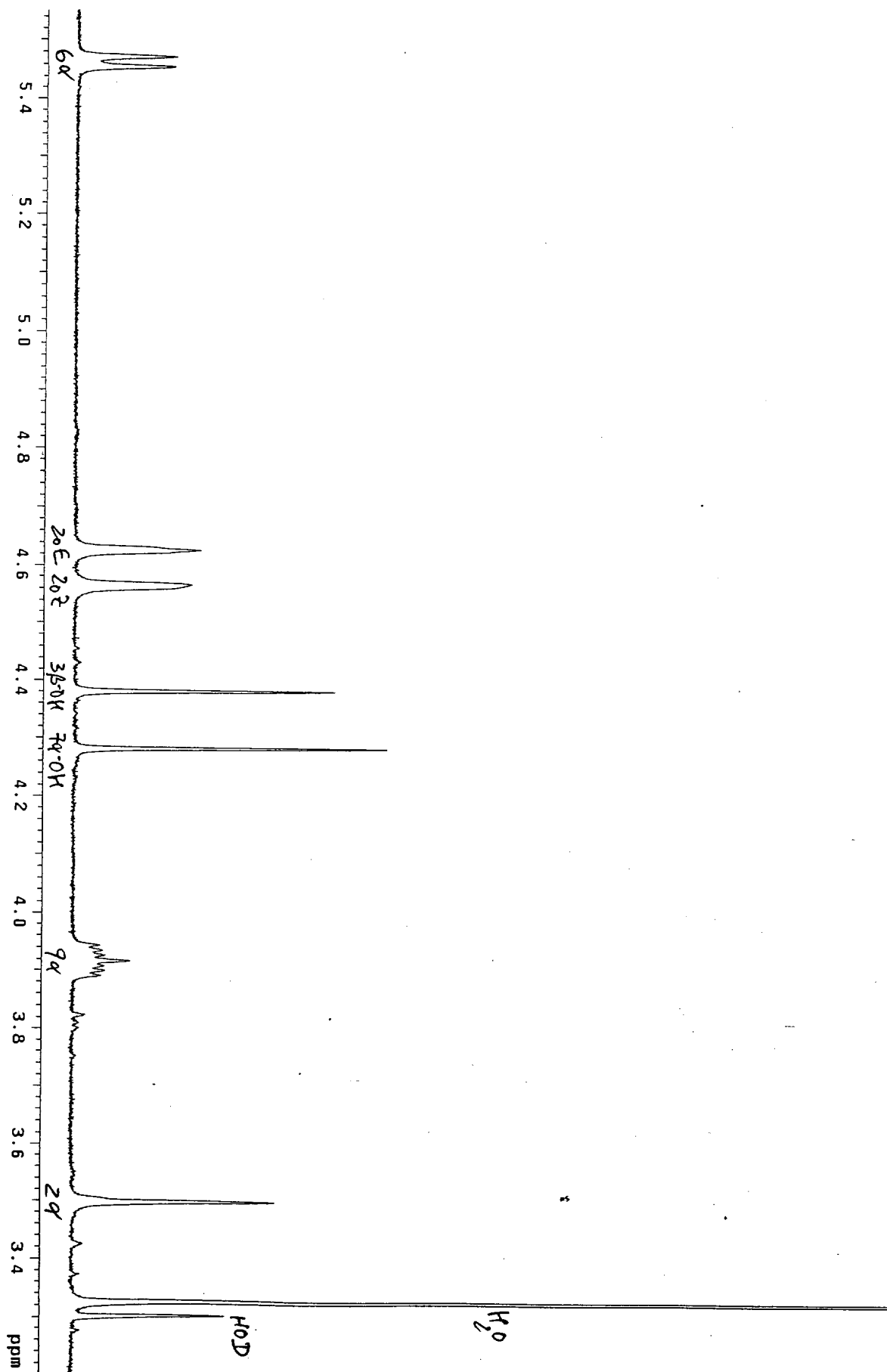
H01_DMSO
18A_acetate
Solvent: DMSO-d6
Operator: OF
gain=55/ct=256
Pulse Sequence: szpu1

44 Jan 13 00
500 MHz
DMSO-d₆



H01-DMSO
18A-acetate
Solvent: DMSO-d₆
Operator: DF
gain=55/ct=256
Pulse Sequence: szpul

Jan 13 00



H01-DMSO
18a-acetate
Solvent: DMSO-d6
Operator: DF
gain=55/ct=256
Pulse Sequence: s2pu1

Jan 13 00

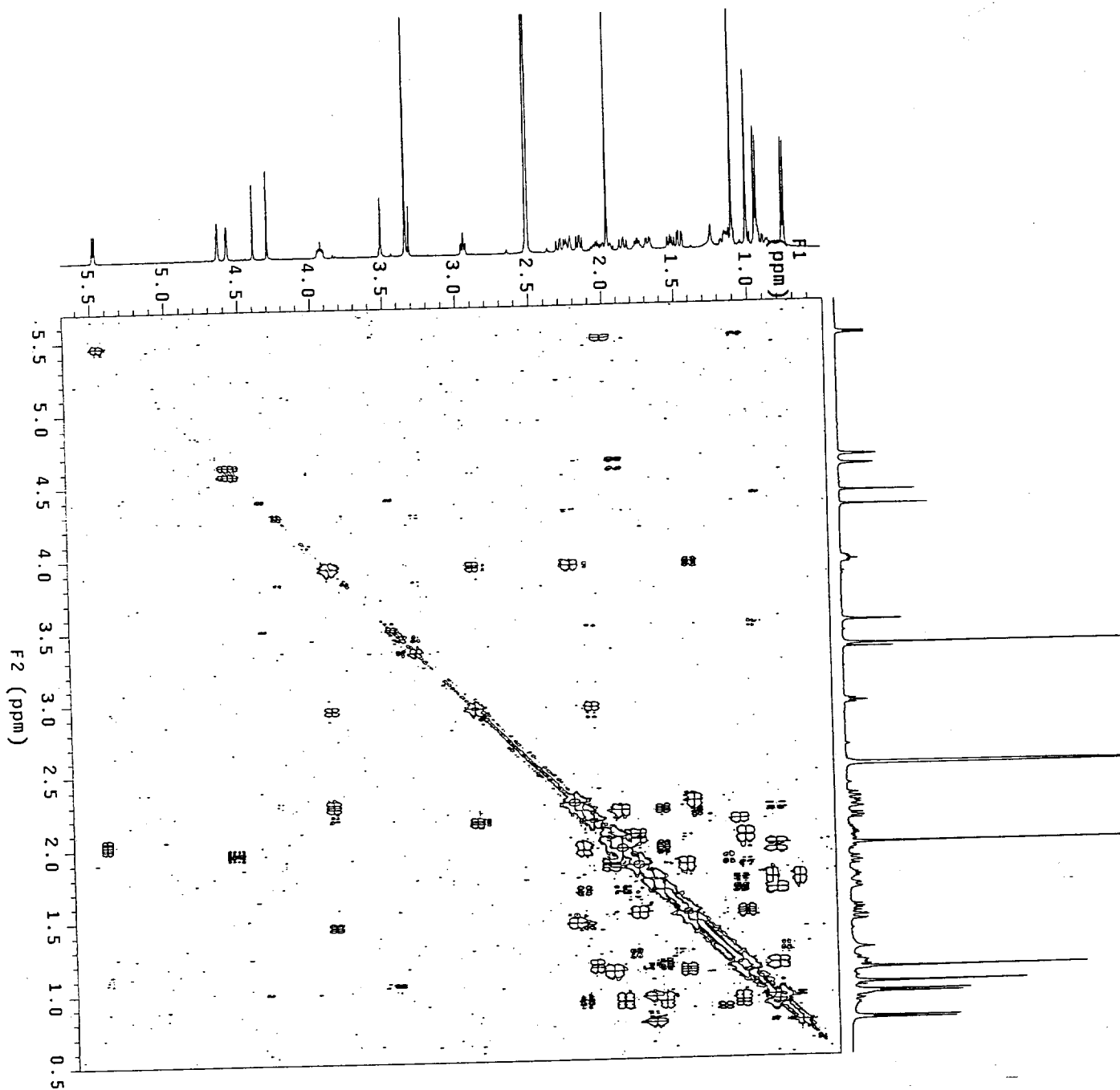
```

H01.DMSO
18A-acetate
Solvent: DMSO
Operator: DF
gain=50

exp2 ACQ

SAMPLE DEC. & VT
date Jan 14 2000 dn H1
solvent DMSO dof 0
file /data/uplus50~ dm nm
0/VNMR_6.1b/vnmrpf~ dmf c
/18A_acetate/DMSO/~ 200
H01.DMSO.fid temp 25.0

ACQUISITION sb sb
strq 499.881 sb sb
tp H1 sb
at 5.462 fn
nd 65368 math
sw 5998.8
fb 3400 weff
pw 3.0 wbs
pwr 3.0 wexp
tpwr 54 wnt
di 0.020
tof -505.2 SP DISPLAY
nt 256 wp -100.0
ct 0 vs 5098.7
clock n sc 358
gain n wc 0
FLAGS hzm 156
l1 n 32.62
in n 428.57
dp y rfi 2247.4
th ns 1249.7
hs 37
ai cdc ph 0.857
    
```



Grad.-DQF-COSY
500 MHz
DMSO-d₆

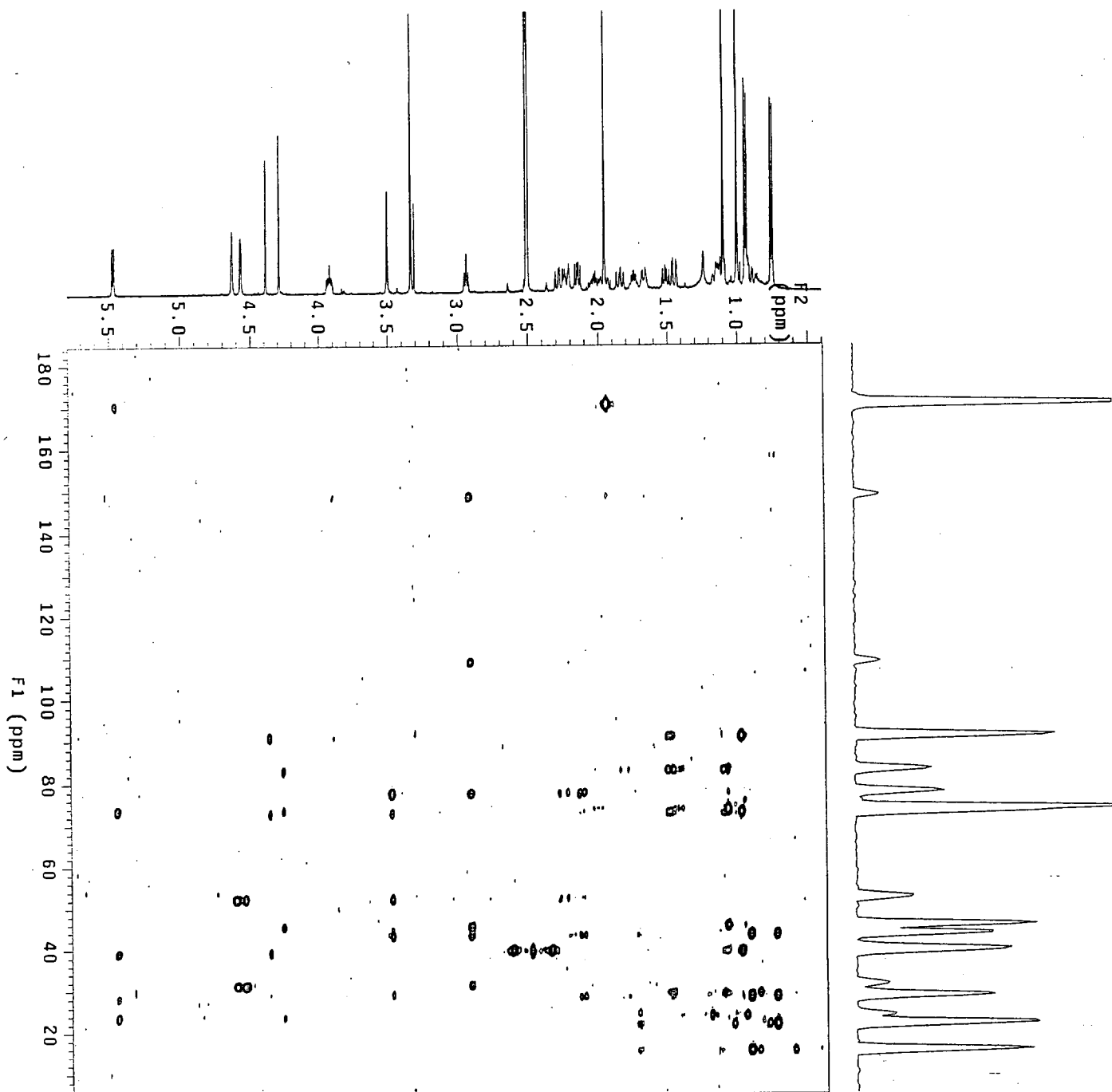
```

GDQCOSY_DMSO
18A acetate
Solvent: DMSO
Operator: DF
gain=40/ct=64

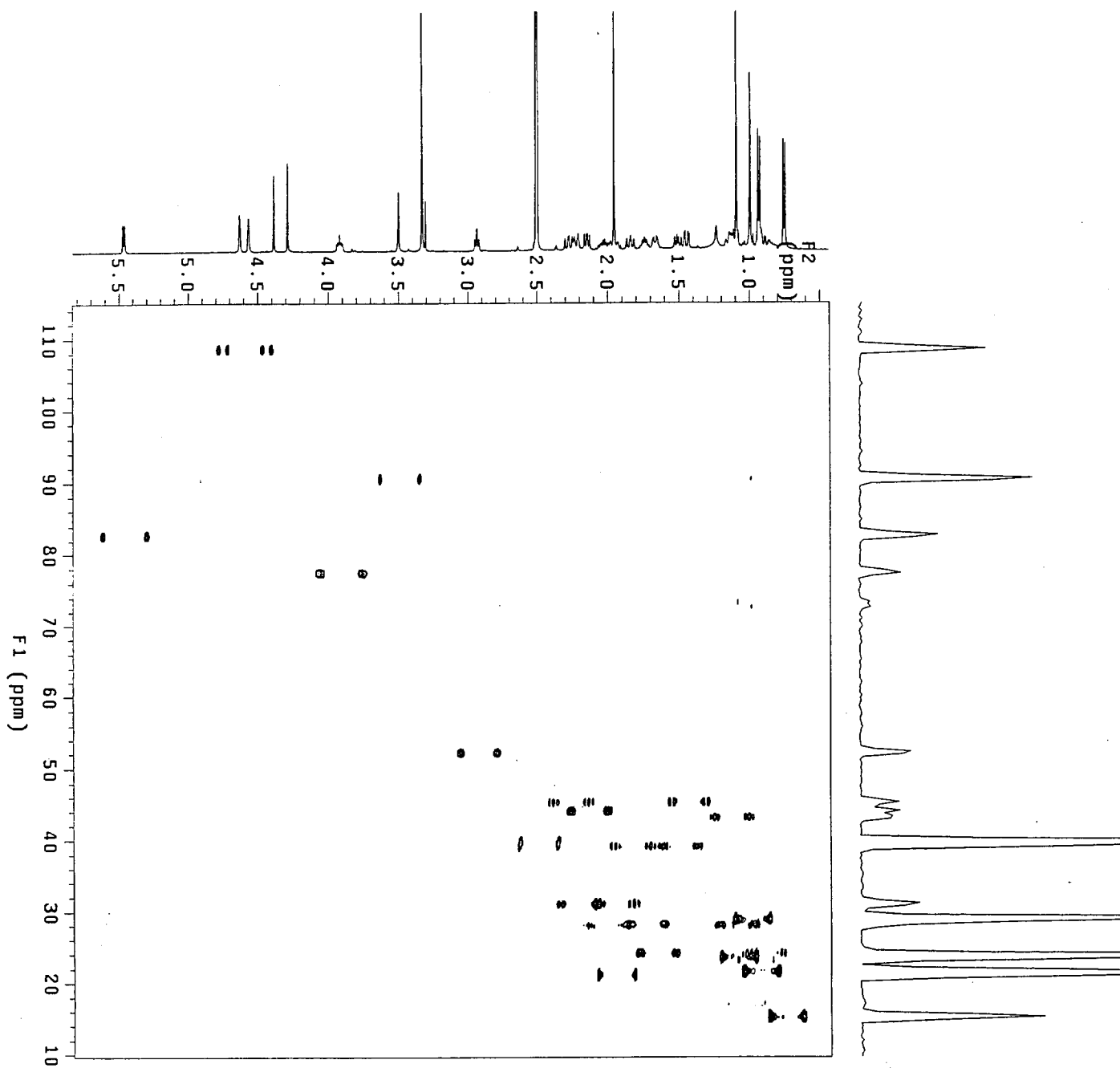
exp3 GDQCOSY

SAMPLE DEC. & VT
date Jan 14 2000 dn H1
solvent DMSO dof 0
rtile exp dm n
ACQUISITION dm 200
strq 439.881 dmf 25.0
tn H1 temp PROCESSING
at 0.293 sb -0.293
nd 2048 sbs -0.293
sw 3499.3 lsfid -4
td 2000 fn 2048
pw 9.2 math 1
pv 5.4
tpwr 1.000* wert
dl -1007.1 wexp
tot 64 wbs
nt 64
ct 64
gain 40
alock n
flags n
f1 n
f2 n
f3 n
f4 n
f5 n
f6 n
f7 n
f8 n
f9 n
f10 n
f11 n
f12 n
f13 n
f14 n
f15 n
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f976 n
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f978 n
f979 n
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f982 n
f983 n
f984 n
f985 n
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f989 n
f990 n
f991 n
f992 n
f993 n
f994 n
f995 n
f996 n
f997 n
f998 n
f999 n
f1000 n

```



Grad.-H¹HBC (600sec)
500 MHz
DMSO-d₆



HNQC
500 MHz
DMSO- d_6

HMOC_DMSO
18A_acetate
Solvent: dmsc
Operator: DF
gain=55/ct=64

exp7 HMOC

SAMPLE DEC. 8 VT ACQUISITION ARRAYS
date Jan 14 2000 dfrq 125.706 array phase
solvent dmsc dn C13 arraydim 512
file exp dpr 42
sfrq 499.881 dm -536.9 1 1 phase
tn 0.293 dmr nm 2
at 2048 dseq 9000 C8
np 3499.3 dres 1.0
fb 2000 pwx 11.8 62
ss 8 pwxlv1 n
tpwr 54 homo 25.0
pw 9.1 temp
dl 1.100
tof -1007.1 dfrq2 0
nt 64 dn2 1
ct 64 dpr2 1
alock n bor2 n
gain 55 dm2 n
null 0.350 dmm2 c
j 145.0 dmt2 32700
mbond n dseq2 1.0
taumb 0.060 dres2 n
satflg nn homo2
satpwr 0
satfrq 0 PROCESSING
sdps -0.293
satfrq 0
FLAGS
fl n
in n
dp n
hs y math ft
2D ACQUISITION
swl 25141.4 wevr
n1 256 wbs
phase arrayed wnt
2D PROCESSING
sp 215.3 sdi -0.010
wp 2698.8 sds1 -0.010
vs 15135 wtf1el
sc 70 procl ft
wc 130 f01 1024
hzmm 8.74
ts 500.00
rf1 1499.6
rfp 1249.7
th 0
ins 100.000
at cdc ph
2D DISPLAY
spi 1207.8
wpi 13234.9
sc2 0
wc2 130
rf11 1252.2
rfpl 0