

STANDARD 1H OBSERVE

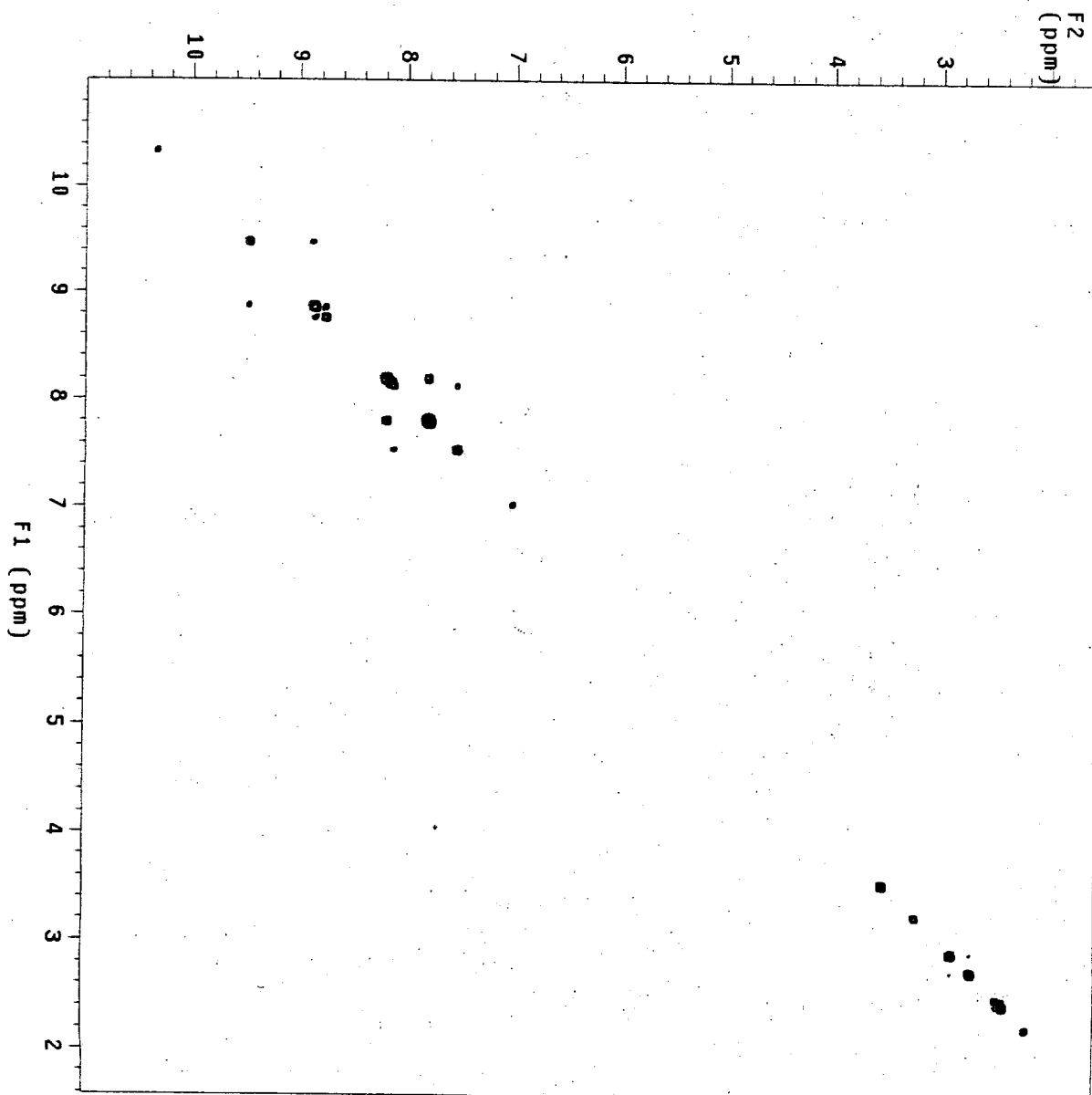
Solvent: dmso
 Ambient temperature
 UNITplus-400 "Inova400"
 PULSE SEQUENCE: relayh
 Relax. delay 1.000 sec
 COSY 90-45
 Acq. time 0.136 sec
 Width 3764.2 Hz
 2D width 3764.2 Hz
 4 repetitions
 128 increments
 OBSERVE H1, 399.9473042 MHz
 DATA PROCESSING
 Sine bell 0.068 sec
 F1 DATA PROCESSING
 Sine bell 0.021 sec
 F1 size 1024 x 1024
 Total time 9 minutes

VL-IV-98 0

DMISO-d₆ + D₂O (2 drops)

45°C COSY in (DMISO-d₆ + 2 drops of D₂O) -1

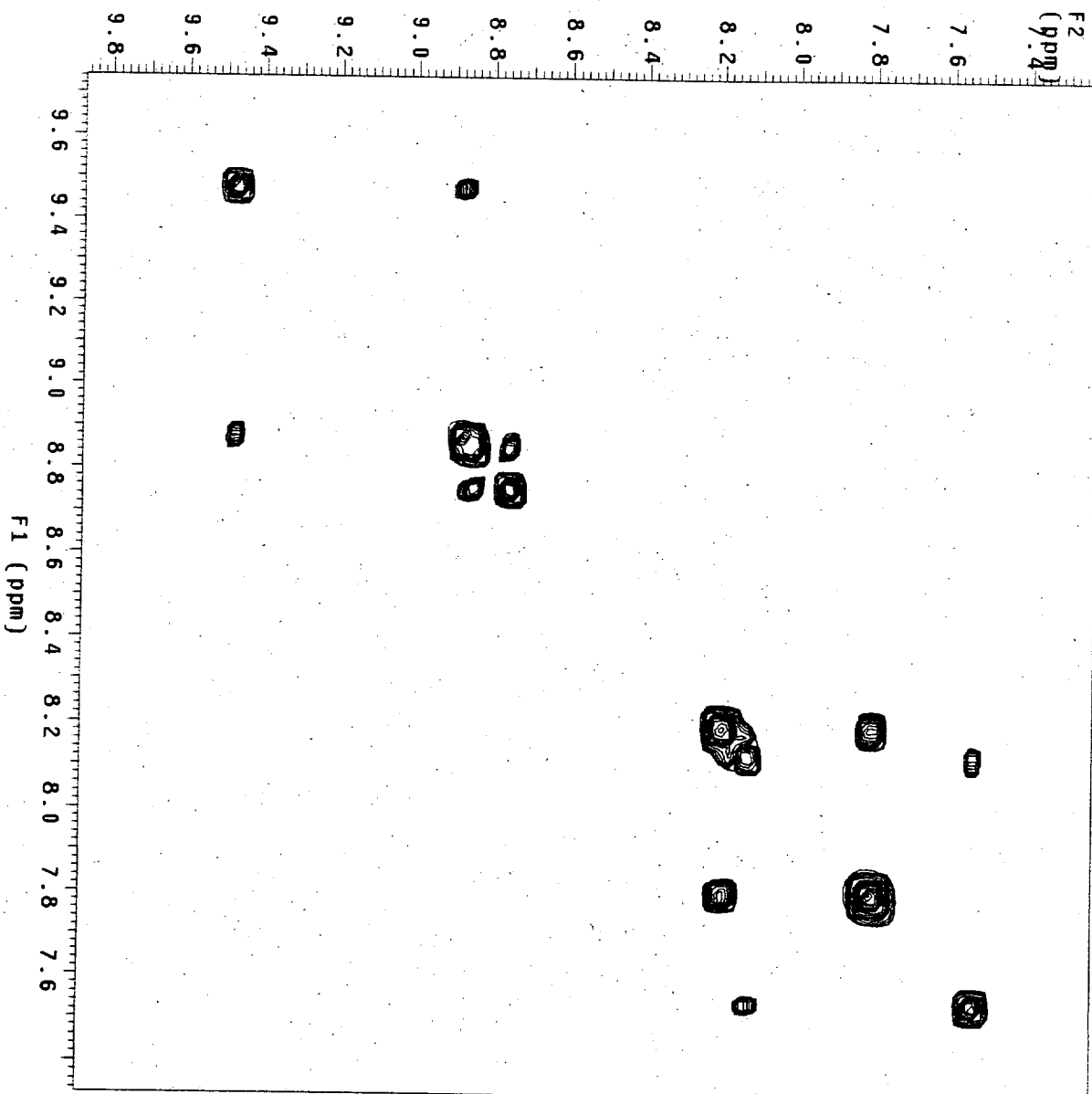
Compound 16



STANDARD 1H OBSERVE
 Solvent: dmsc
 Ambient temperature
 Unit: plus-400 "inova400"
 PULSE SEQUENCE: relayh
 Relax: delay 1.000 .sec
 COSY 90-45
 Acq. time 0.136 sec
 Width 3764.2 Hz
 2D Width 3764.2 Hz
 4 repetitions
 128 increments
 OBSERVE H1: 399.9473042 MHz
 DATA PROCESSING
 Sine bell 0.068 sec
 F1 DATA PROCESSING
 Sine bell 0.021 sec
 F1 size 1024 x 1024
 Total time 9 minutes

45°-COSY (DMSO-d₆ + 2 Drops of D₂O) - 2

Compound 16



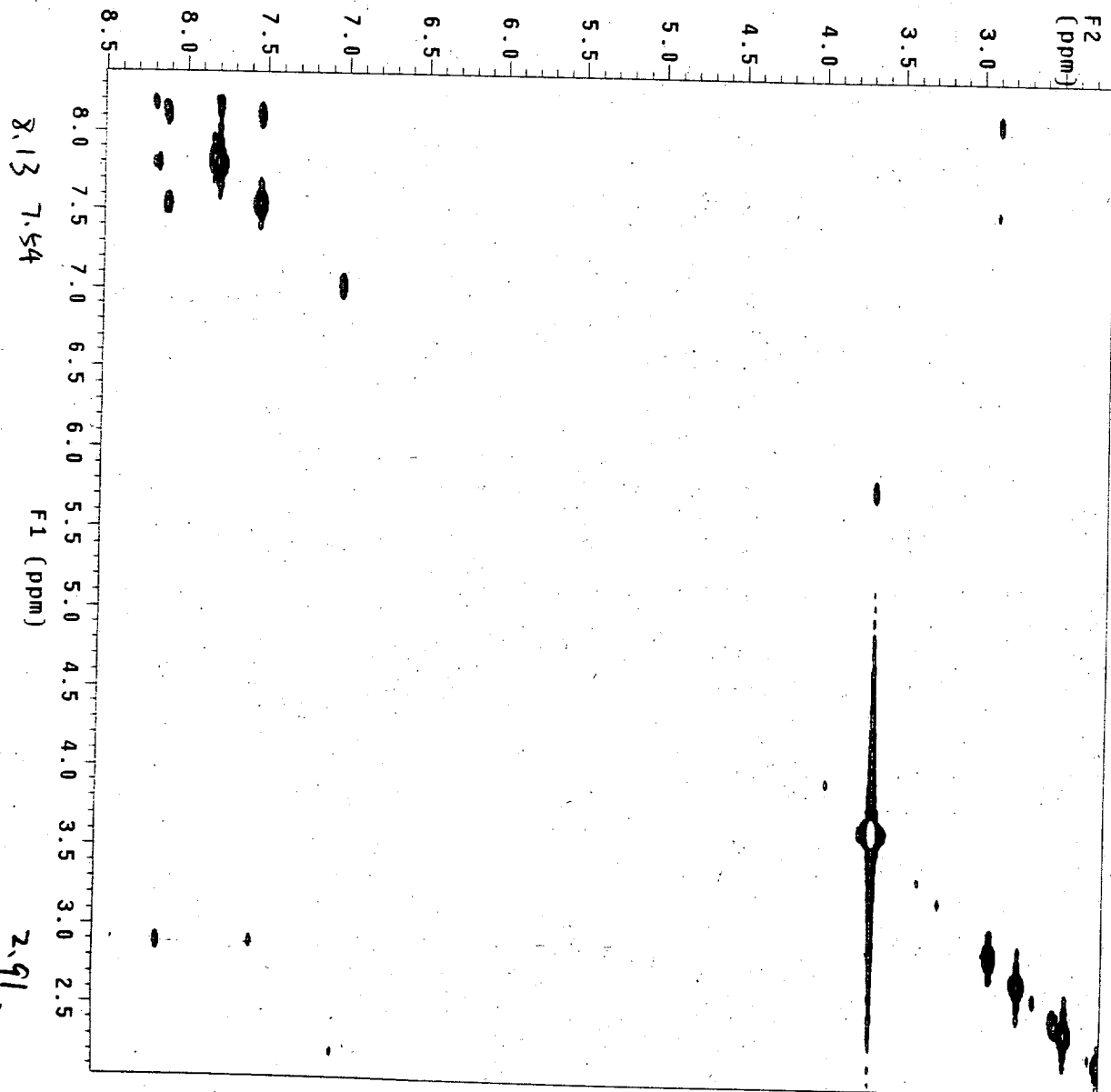
STANDARD 1H OBSERVE

Solvent: dmso
Ambient temperature
UNITYplus-400 "innova400"
PULSE SEQUENCE: relayh
Relax. delay 2.000 sec
COSY 90-45
Acq. time 0.255 sec
Width 4022.7 Hz
2D Width 4022.7 Hz
4 repetitions
128 increments
OBSERVE H1, 399.9473036 MHz
DATA PROCESSING:
Sine bell 0.064 sec
F1 DATA PROCESSING
Sine bell 0.021 sec
F1 size 2048 x 1024
Total time 19 minutes

45° COSY with tau = 0.25

Pulse sequence: $\pi/2 - \text{tau} - t_1 - \pi/4 - \text{tau} - \text{Acquire}$

Compound 1b



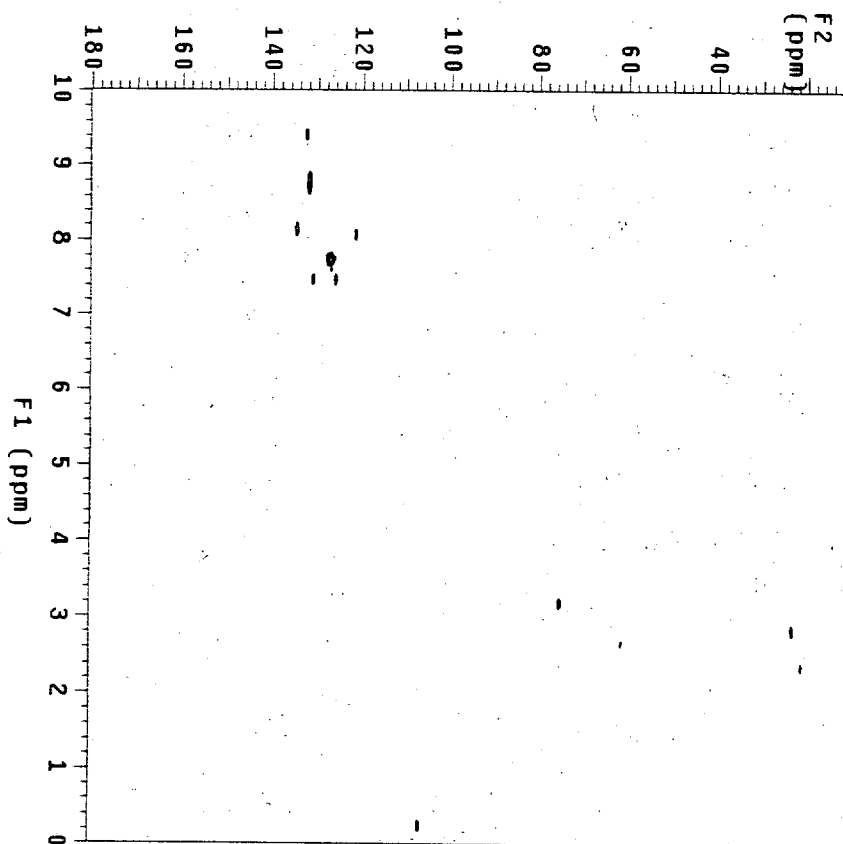
Hetcor-1

Compound 1b

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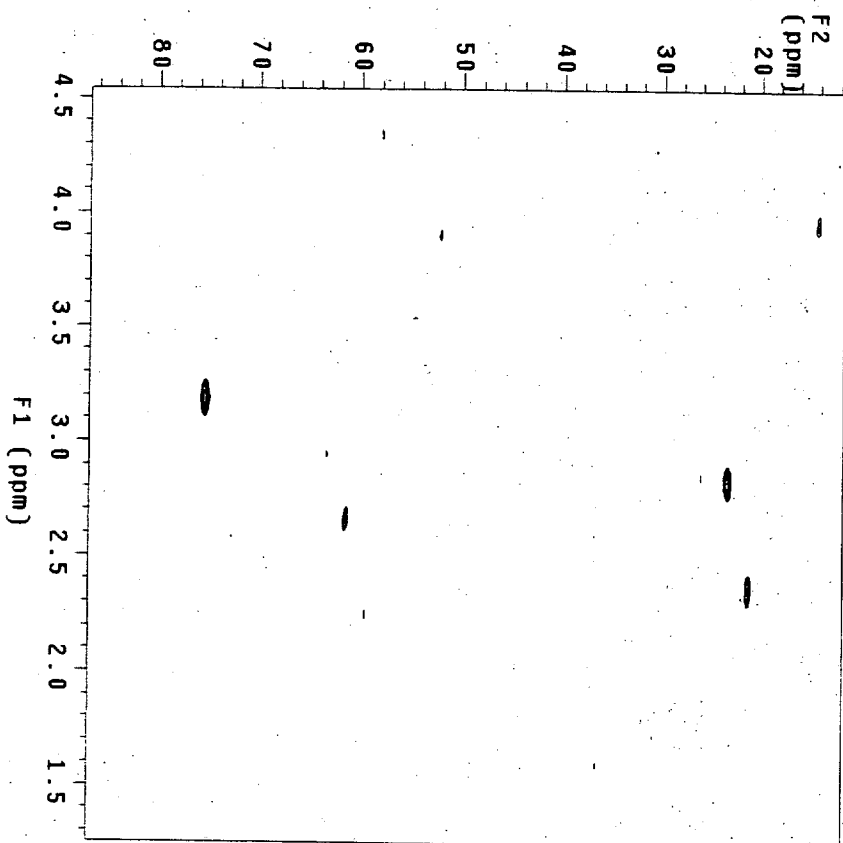
13C OBSERVE
exp2 hetcor
SAMPLE
date Aug 11 98 dfreq 399.949
solvent dmsc dn H1
file /export/home/~ dn 42
nmrusr/libdeskind_~ dof 0
b/XL-IV-98-hetcor dm nny
ACQUISITION
sfrq 100.576 dmf dmm CCW
in C13 dseq 9000
at 0.030 dres 1.0
np 1024 homo n
sw 16992.4 PROCESSING
sb 0.030
bs 16 sbs not used
ss 4 wtfille
tpwr 60 ft
pw 15.0 fn 2048
d1 2.000 math f
tof 138.0 wefr
nt 176 wexp procpilot
ct 176 wbs
atlock gain Y wnt
gain 135.0 2D PROCESSING
jlxh 0 sbl 0.020
jmxh n sbl not used
hmutt 17.5 wtfille
pp 59 procl
ppivi n ft
presat n fnl 1024
11 n
in n
dp y
hs nn
2D ACQUISITION
sw1 3999.5
n1 128
phase undefined
DISPLAY
sp 1128.4
wp 16992.4
vs 508
sc 66
wc 100
hzmm 67.97
is 500.00
rfi 2844.4
rfp 3972.8
lh 3
lms 1.000
ai no av
2D DISPLAY
sp1 0
wp1 3999.5
sc2 0
wc2 100
rfi1 0
rfp1 0

```



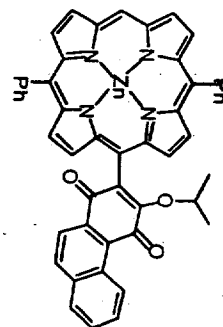
exp2 netcor

SAMPLE		DEC. & VI	
date	Aug 11 98	dfrq	399.949
solvent	demo	dn	H1
file	/export/home/~	dpwr	42
manus/	lfbaskind_~	dot	0
B/XL-IV-98-netcor	dm	nmf	nmf
ACQUISITION	dm	dmm	CCW
sfrq	100.576	dmg	9000
tn	C13	dseq	1.0
at	0.030	dres	n
np	1024	homo	
sw	16992.4		
fb	9000	PROCESSING	0.030
bs	16	sb	not used
ss	4	sbs	
tpwr	60	wtfile	
pw	15.0	proc	ft
di	2.000	fn	2048
to	138.0	match	f
nt	176	werf	
ct	176	wexp	procpilot
clock	991n	y	
1xkh	60	wt	
1xkh	135.0	2D PROCESSING	
nmult	0	sbl	0.020
nmult	n	sbsi	not used
pp	17.5	wtfile1	
ppivl	59	proc1	ft
presat	n	fn1	1024
FLAGS			
11	n		
in	y		
dp	n		
hs	n		
2D ACQUISITION	nm		
sw1	3999.5		
ni	128		
phase	undefined		
DISPLAY			
sp	1178.2		
wp	7557.7		
vc	300		
sc	66		
hzm	100		
hzm	67.97		
is	500.00		
rfl	2844.4		
rfl	3972.8		
th	2		
ins	1.000		
ai			
no av			
2D DISPLAY			
spl	500.9		
wpi	1314.9		
sc2	0		
wc2	100		
rfl1	0		
rfl1	0		

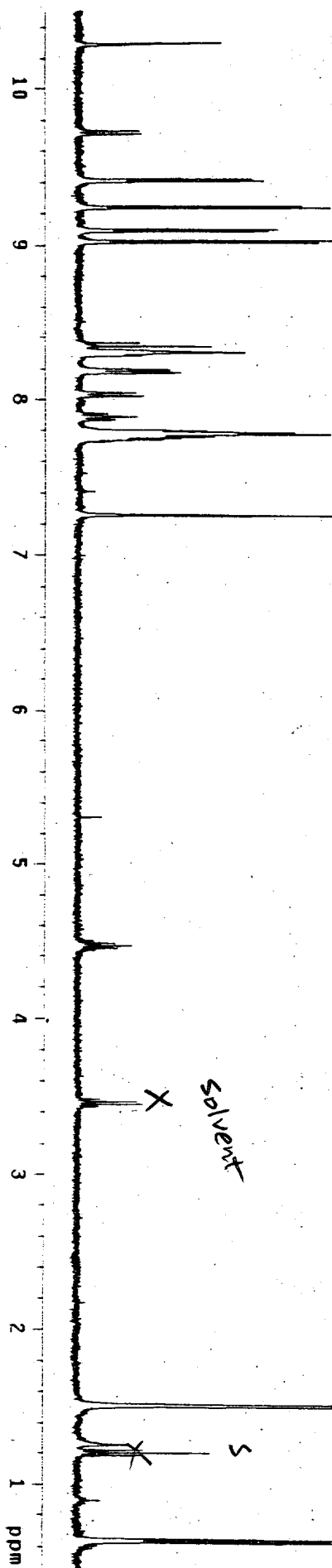


exp2 std1h

SAMPLE		DEC. & VI	
date	Feb 2 98	dfreq	399.947
solvent	cdcl3	dn	30
file	/export/home/~	dpvr	0
nmrusr	/liebskind	dot	nm
8/1angle	in_date/XL~	dm	nm
-111-36	purePMR	dfm	nm
ACQUISITION		dfsq	nm
sfreq	399.947	dras	nm
tn	H1	homo	1.0
at	3.744	PROCESSING	0.20
mp	5000.0	lb	
sw	3000	wtfile	
rb	16	proc	
lpvr	16.0	fn	
pl	0.500	meth	
ntof	0	weir	react
ct	0	weirp	procpilot
alock	n	whs	
gain	n	unt	
FLAGS			
11	n		
1n	n		
dn	y		
dp			
he	nm		
DISPLAY			
sp	172.5		
wd	4025.1		
ve	211		
sc	0		
wc	250		
h2nm	16.12		
h1	2623.100		
rfl	3392.7		
rff	2803.6		
th	8		
int	1.000		
nm			
cdc	ph		



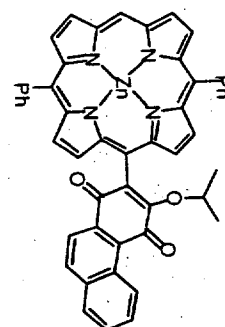
17



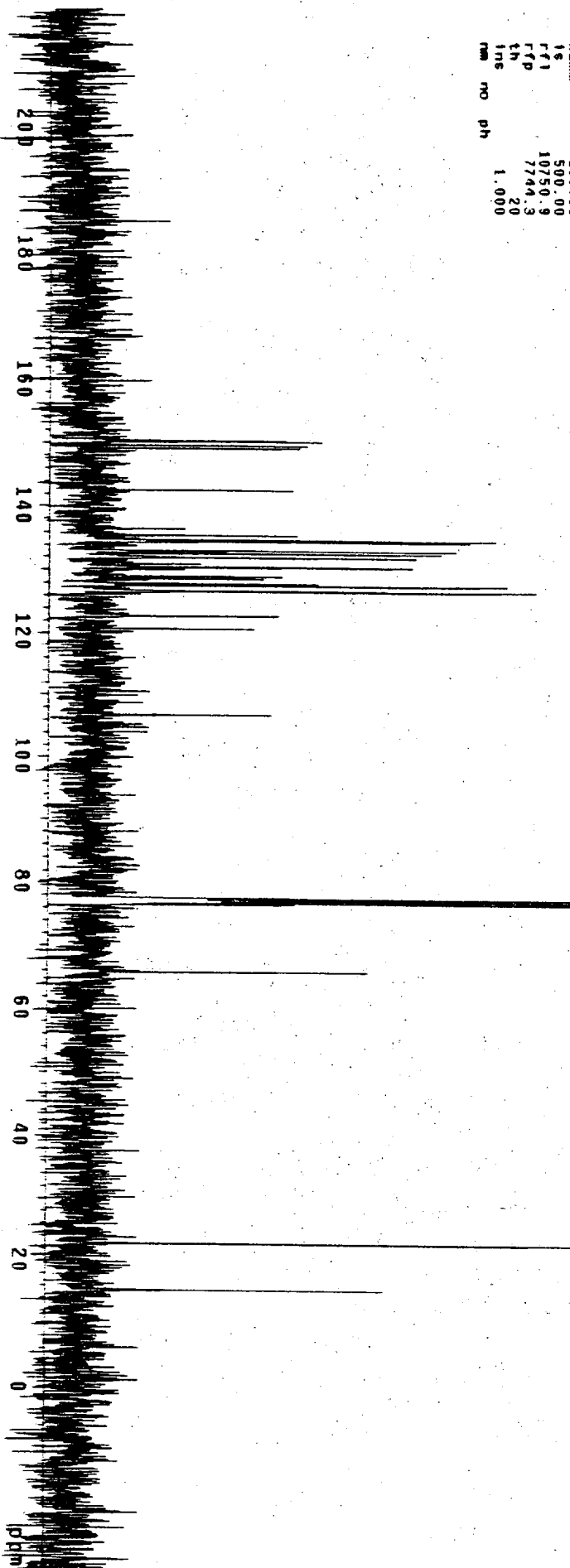
13C OBSERVE

exp2 std13c

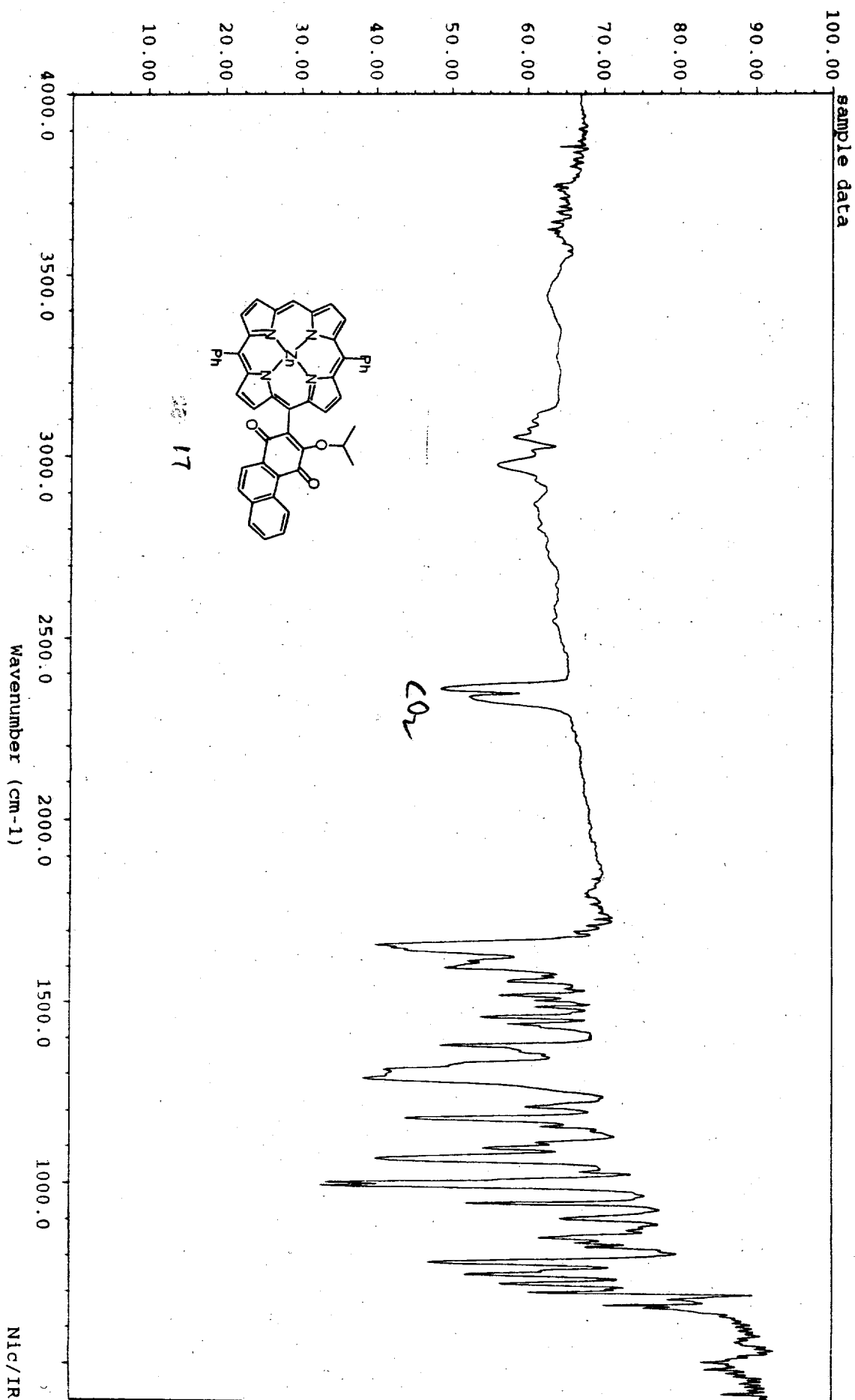
SAMPLE Jan 14 98 DEC. 8 VI
 date Jan 14 98 dfrq 399.947
 solvent cdcl3 dn H1
 file /export/home/~ dfrf 40
 mmrusr/L/lebesknd ~ dof -600.0
 B/Xianglin_data/xl- dm yyy
 -111-36
 ACQUISITION
 srrq 100.576 dnt 9000
 tn C13 dres 1.0
 at 1.280 homo n
 np 64000 PROCESSING
 sv 25000.0 lb 4.00
 fb 14000 wffile ft
 bs 16 ploc not used f
 tpwr 10.0 fn math
 pw 3.000 weff react
 dl 0 wepd procplot
 tot 10000 wbs testn
 ct 336 wnt
 alock y
 gain not used
 flags
 ll n
 ln n
 dp y
 hs nm
 DISPLAY
 sp -3006.6
 wd 25000.0
 ve 321
 sc 0
 vc 250
 hzmm 100.00
 fs 500.00
 rfi 10750.9
 rfd 7744.3
 th 20
 ms 1.000
 nm no ph



17



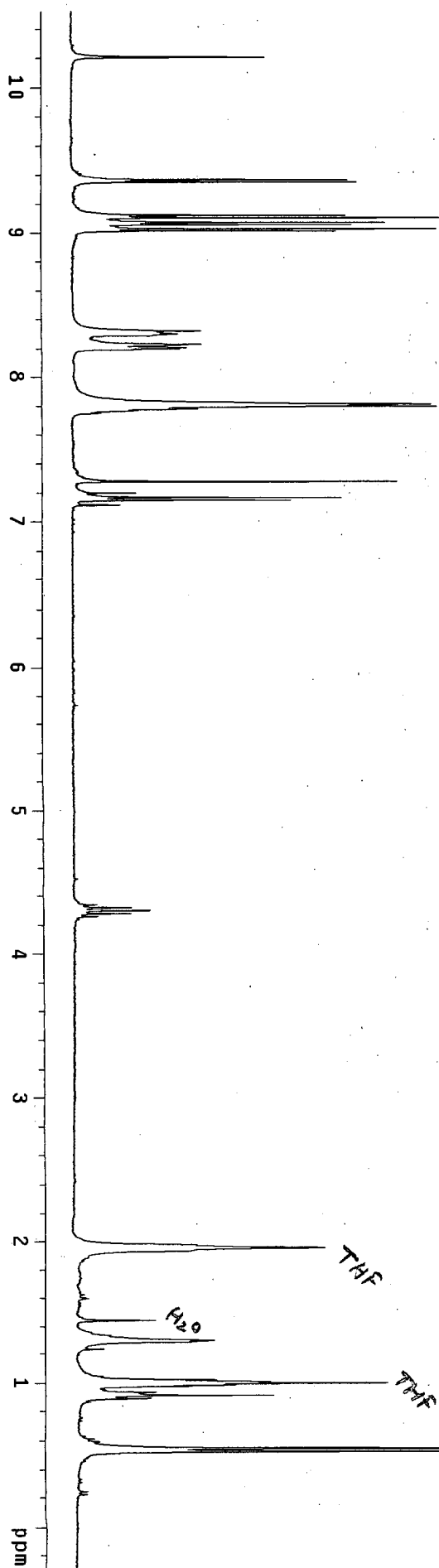
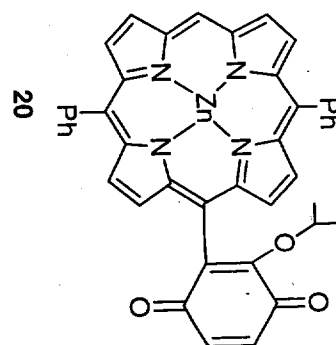
XL-III-36
sample data
Thu, Jan 15, 1998, 4:44:45 PM



Standard H1

expt s2put1

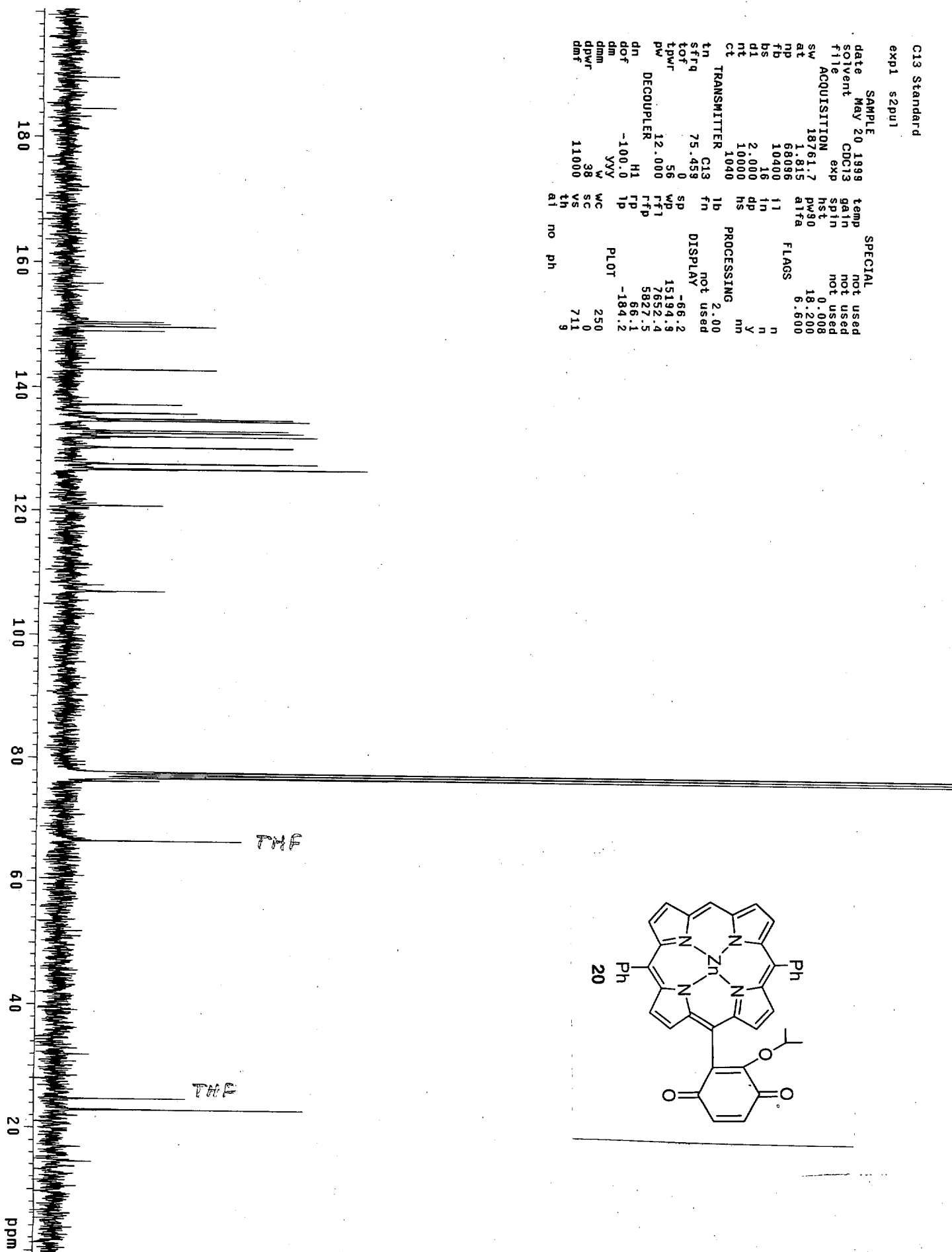
SAMPLE		date May 20 1999		SPECIAL	
solvent CDC13		exp		temp not used	
file		gain		not used	
ACQUISITION		spin		not used	
sw 4000.0		hst		0.008	
at 2.664		pw90		11.500	
np 21312		alpha		10.000	
fb 2200		n		ny	
bs 4		in		y	
di 1.000		dp		n	
nt 100		hs		y	
ct 28		PROCESSING		0.20	
TRANSMITTER		1b		fn	
tn H1		DISPLAY		not used	
sfra 300.065		sd		-97.5	
tof -35.2		wp		3255.1	
tpwr 4.000		ft1		2707.3	
pw		rfp		2172.5	
DECOUPLER		tp		95.2	
C13		PLOT		-36.7	
dn 0		wc		250	
dof 0		sc		0	
dm nmh		th		194	
dmm C		ai		cdc ph	
dpwr 38					
dmf 11000					

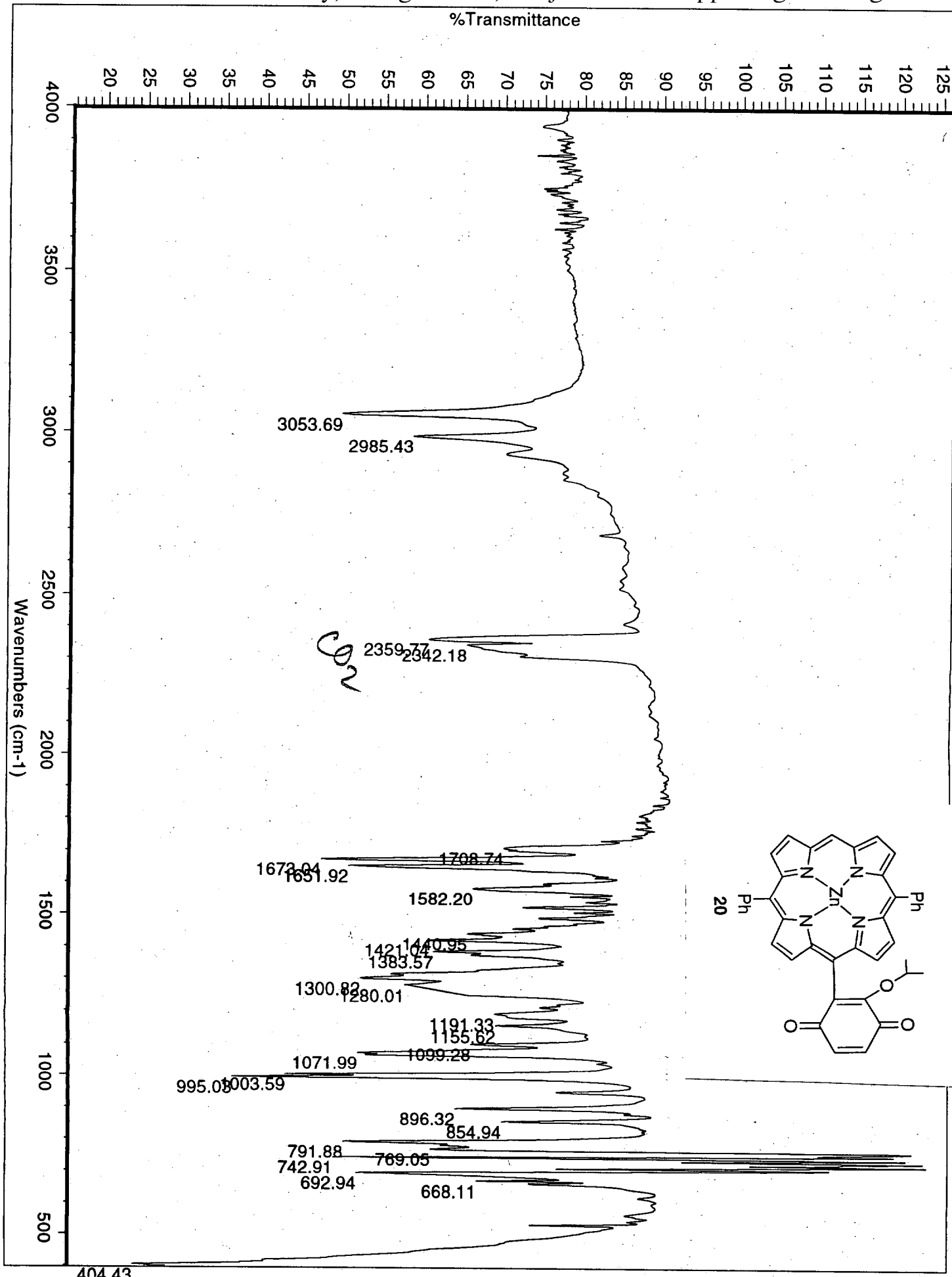


C13 Standard

expt s2pul

SAMPLE		SPECIAL	
date	May 20 1999	temp	not used
solvent	CDCl3	gain	not used
file	exp	spin	not used
ACQUISITION		hs	0.008
sw	18761.7	pw30	18.200
at	1.815	alfa	6.600
np	68096	11	n
fb	10400	16	n
bs	2.000	dp	y
dl	10000	hs	nm
nt	10400	PROCESSING	2.00
ct	TRANSMITTER C13	fn	not used
tn	75.459	sp	DISPLAY
sfreq	0	wp	-66.2
tpwr	56	rfl	15194.9
pw	12.000	rfd	7652.4
DECOUPLER		rfp	5827.5
dn	H1	lp	66.1
dof	-100.0	PLOT	-184.2
dm	yyy	WC	250
dmm	38	SC	0
dpwr	11000	VS	711
dmt		th	9
		ai	no ph

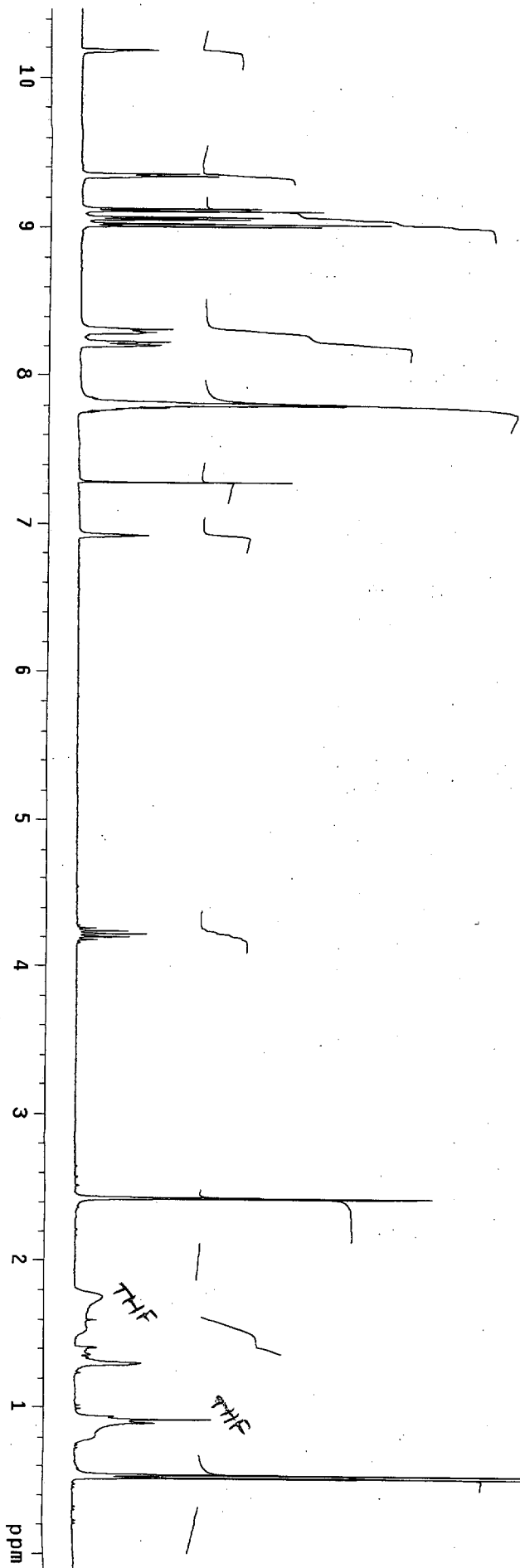
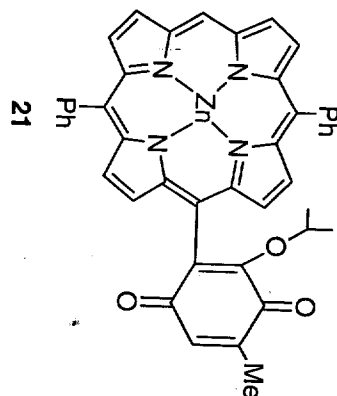


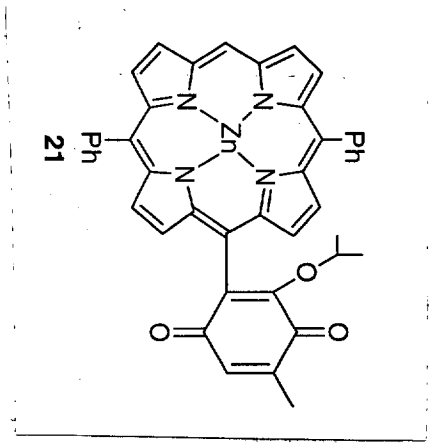


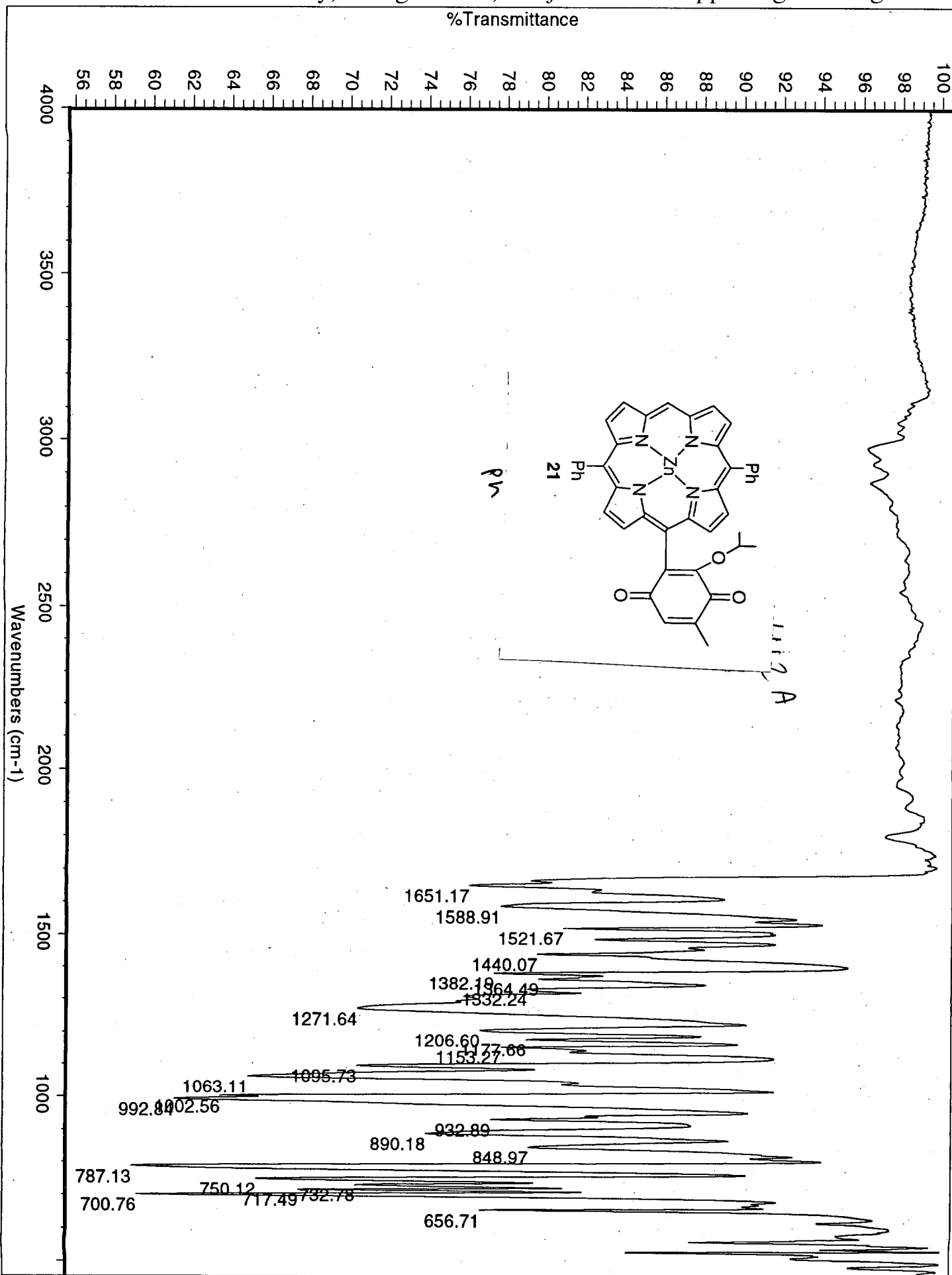
Standard H1

expt s2pu1

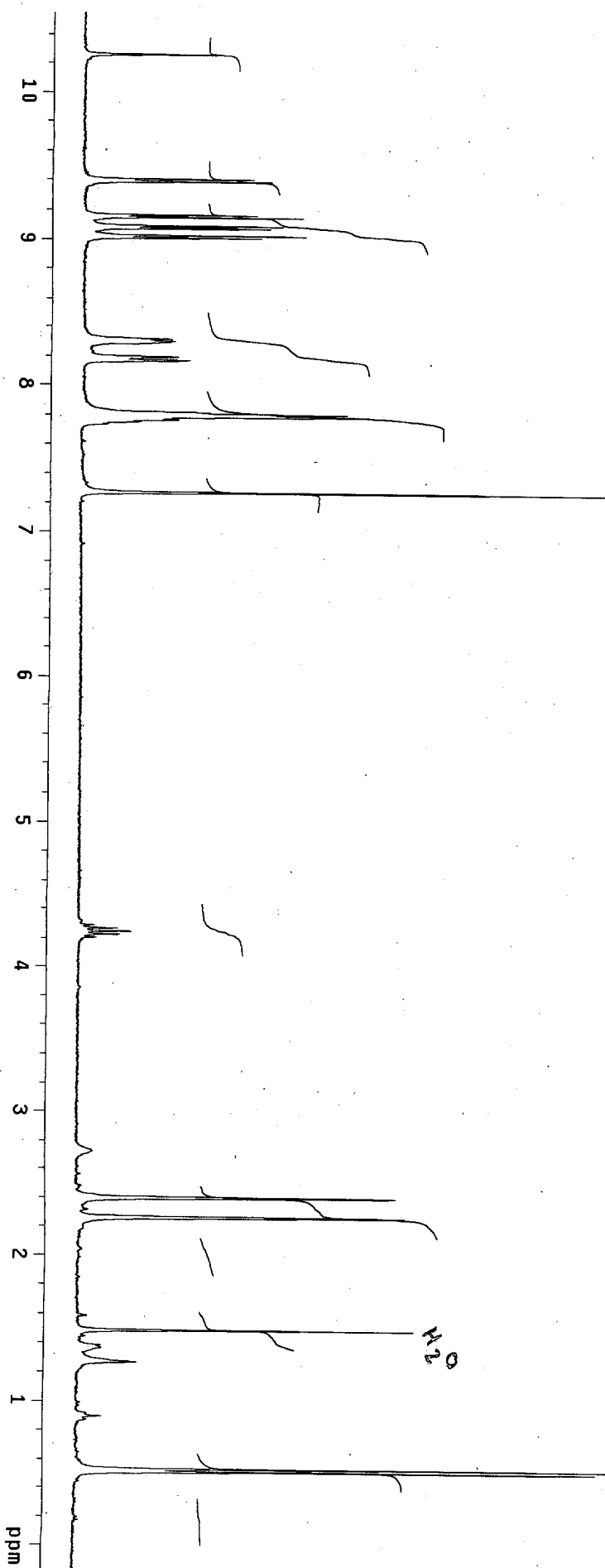
SAMPLE		SPECIAL	
date	May 13 1999	temp	not used
solvent	CDCl3	gain	not used
file	exp	spin	not used
ACQUISITION		hst	0.008
sw	4000.0	pw30	11.500
at	2.664	atfa	10.000
np	21312	FLAGS	
fb	2200	11	n
bs	4	in	ny
di	1.000	dp	y
nt	200	hs	mn
ct	68	PROCESSING	
TRANSMITTER		1b	0.20
tn	H1	fn	not used
stfq	300.065	sp	DISPLAY
tof	-35.2	wp	-35.0
tpwr	56	rff1	3177.0
pw	4.000	rffp	2707.3
DECOUPLER		rfp	2172.5
dn	C13	rfp	96.2
dof	0	1p	-44.5
dm	nm	PLOT	
dmm	c	WC	250
dpwr	38	SC	0
dmf	11000	VS	80
		th	20
		al	cdc ph







exp1 s2put

Cc1c(C)c2c(c1)C(=O)C(=O)C2C3C4C5C6C7C8C9C10C11C12C13C14C15C16C17C18C19C20C21C22C23C24C25C26C27C28C29C30C31C32C33C34C35C36C37C38C39C40C41C42C43C44C45C46C47C48C49C50C51C52C53C54C55C56C57C58C59C60C61C62C63C64C65C66C67C68C69C70C71C72C73C74C75C76C77C78C79C80C81C82C83C84C85C86C87C88C89C90C91C92C93C94C95C96C97C98C99C100C101C102C103C104C105C106C107C108C109C110C111C112C113C114C115C116C117C118C119C120C121C122C123C124C125C126C127C128C129C130C131C132C133C134C135C136C137C138C139C140C141C142C143C144C145C146C147C148C149C150C151C152C153C154C155C156C157C158C159C160C161C162C163C164C165C166C167C168C169C170C171C172C173C174C175C176C177C178C179C180C181C182C183C184C185C186C187C188C189C190C191C192C193C194C195C196C197C198C199C200C201C202C203C204C205C206C207C208C209C210C211C212C213C214C215C216C217C218C219C220C221C222C223C224C225C226C227C228C229C230C231C232C233C234C235C236C237C238C239C240C241C242C243C244C245C246C247C248C249C250C251C252C253C254C255C256C257C258C259C260C261C262C263C264C265C266C267C268C269C270C271C272C273C274C275C276C277C278C279C280C281C282C283C284C285C286C287C288C289C290C291C292C293C294C295C296C297C298C299C300C301C302C303C304C305C306C307C308C309C310C311C312C313C314C315C316C317C318C319C320C321C322C323C324C325C326C327C328C329C330C331C332C333C334C335C336C337C338C339C340C341C342C343C344C345C346C347C348C349C350C351C352C353C354C355C356C357C358C359C360C361C362C363C364C365C366C367C368C369C370C371C372C373C374C375C376C377C378C379C380C381C382C383C384C385C386C387C388C389C390C391C392C393C394C395C396C397C398C399C400C401C402C403C404C405C406C407C408C409C410C411C412C413C414C415C416C417C418C419C420C421C422C423C424C425C426C427C428C429C430C431C432C433C434C435C436C437C438C439C440C441C442C443C444C445C446C447C448C449C450C451C452C453C454C455C456C457C458C459C460C461C462C463C464C465C466C467C468C469C470C471C472C473C474C475C476C477C478C479C480C481C482C483C484C485C486C487C488C489C490C491C492C493C494C495C496C497C498C499C500C501C502C503C504C505C506C507C508C509C510C511C512C513C514C515C516C517C518C519C520C521C522C523C524C525C526C527C528C529C530C531C532C533C534C535C536C537C538C539C540C541C542C543C544C545C546C547C548C549C550C551C552C553C554C555C556C557C558C559C560C561C562C563C564C565C566C567C568C569C570C571C572C573C574C575C576C577C578C579C580C581C582C583C584C585C586C587C588C589C590C591C592C593C594C595C596C597C598C599C600C601C602C603C604C605C606C607C608C609C610C611C612C613C614C615C616C617C618C619C620C621C622C623C624C625C626C627C628C629C630C631C632C633C634C635C636C637C638C639C640C641C642C643C644C645C646C647C648C649C650C651C652C653C654C655C656C657C658C659C660C661C662C663C664C665C666C667C668C669C670C671C672C673C674C675C676C677C678C679C680C681C682C683C684C685C686C687C688C689C690C691C692C693C694C695C696C697C698C699C700C701C702C703C704C705C706C707C708C709C710C711C712C713C714C715C716C717C718C719C720C721C722C723C724C725C726C727C728C729C730C731C732C733C734C735C736C737C738C739C740C741C742C743C744C745C746C747C748C749C750C751C752C753C754C755C756C757C758C759C760C761C762C763C764C765C766C767C768C769C770C771C772C773C774C775C776C777C778C779C780C781C782C783C784C785C786C787C788C789C790C791C792C793C794C795C796C797C798C799C800C801C802C803C804C805C806C807C808C809C810C811C812C813C814C815C816C817C818C819C820C821C822C823C824C825C826C827C828C829C830C831C832C833C834C835C836C837C838C839C840C841C842C843C844C845C846C847C848C849C850C851C852C853C854C855C856C857C858C859C860C861C862C863C864C865C866C867C868C869C870C871C872C873C874C875C876C877C878C879C880C881C882C883C884C885C886C887C888C889C890C891C892C893C894C895C896C897C898C899C900C901C902C903C904C905C906C907C908C909C910C911C912C913C914C915C916C917C918C919C920C921C922C923C924C925C926C927C928C929C930C931C932C933C934C935C936C937C938C939C940C941C942C943C944C945C946C947C948C949C950C951C952C953C954C955C956C957C958C959C960C961C962C963C964C965C966C967C968C969C970C971C972C973C974C975C976C977C978C979C980C981C982C983C984C985C986C987C988C989C990C991C992C993C994C995C996C997C998C999

13C OBSERVE

expi std13c

SAMPLE

date Nov 6 1999

solvent cdc13

file ACQUISITION

sfrq 100.576

in C13

at 0.799

np 38400

sw 24016.8

fb 13000

bs 16

tpwr 60

pw 9.0

di 2.000

tof 480.5

nt 10000

ct 1552

alock n

gain not used

flags

i1 n

in n

dp y

hs mh

sp DISPLAY

wp 493.9

vs 19061.3

sc 242

wc 0

h2mm 250

ls 76.25

rfl 500.00

rfl 9774.0

th 7743.6

ins 20

nm no ph 100.000

DEC. & VT

dfrq 399.947

dn H1

dpr -480.0

dof 42

dm yyy

dmm w

dmt 9000

dseq 1.0

dres n

homo n

proc 1.00

wfile

proc ft

tn not used

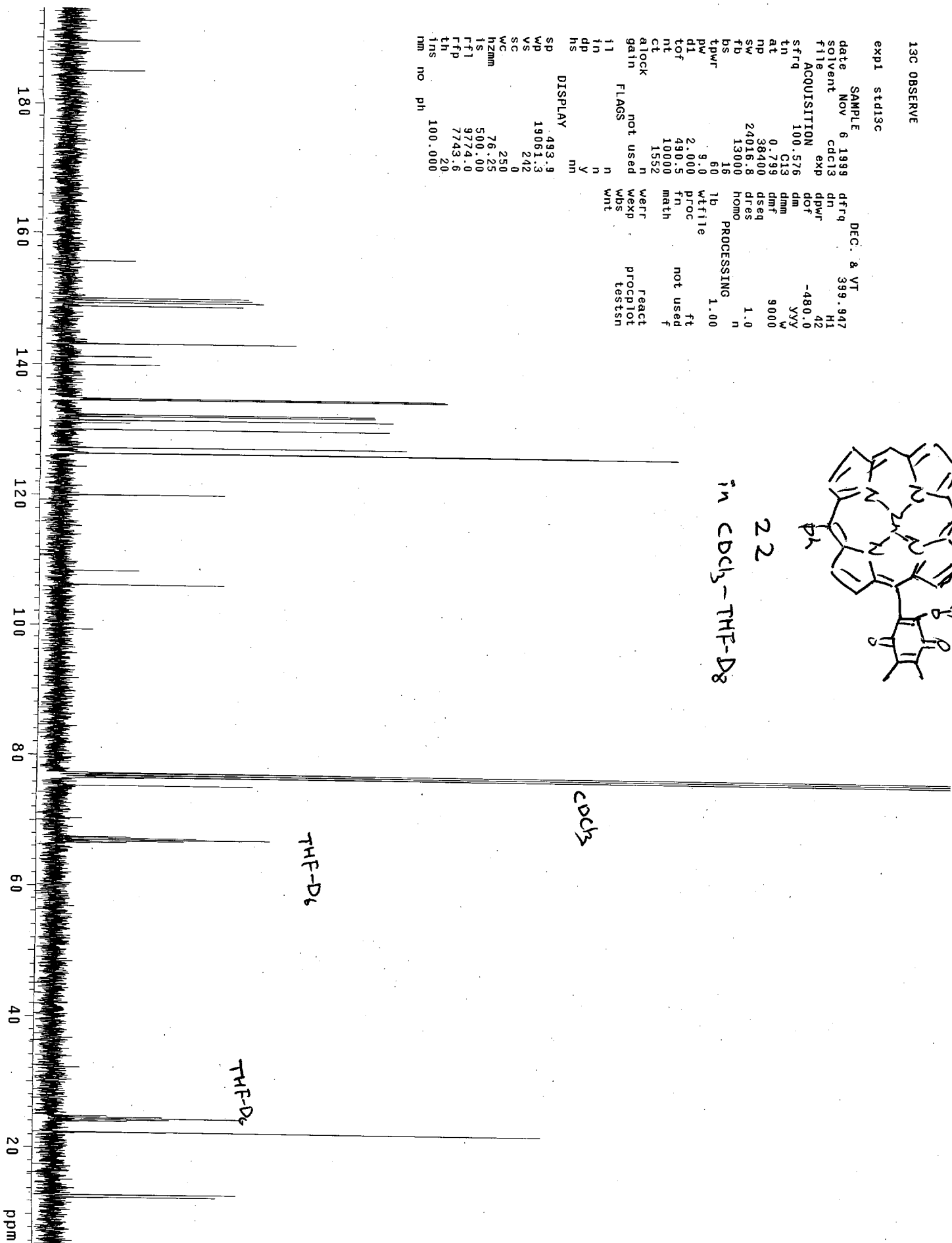
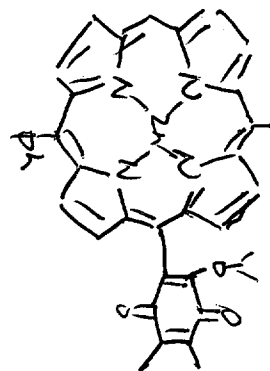
math f

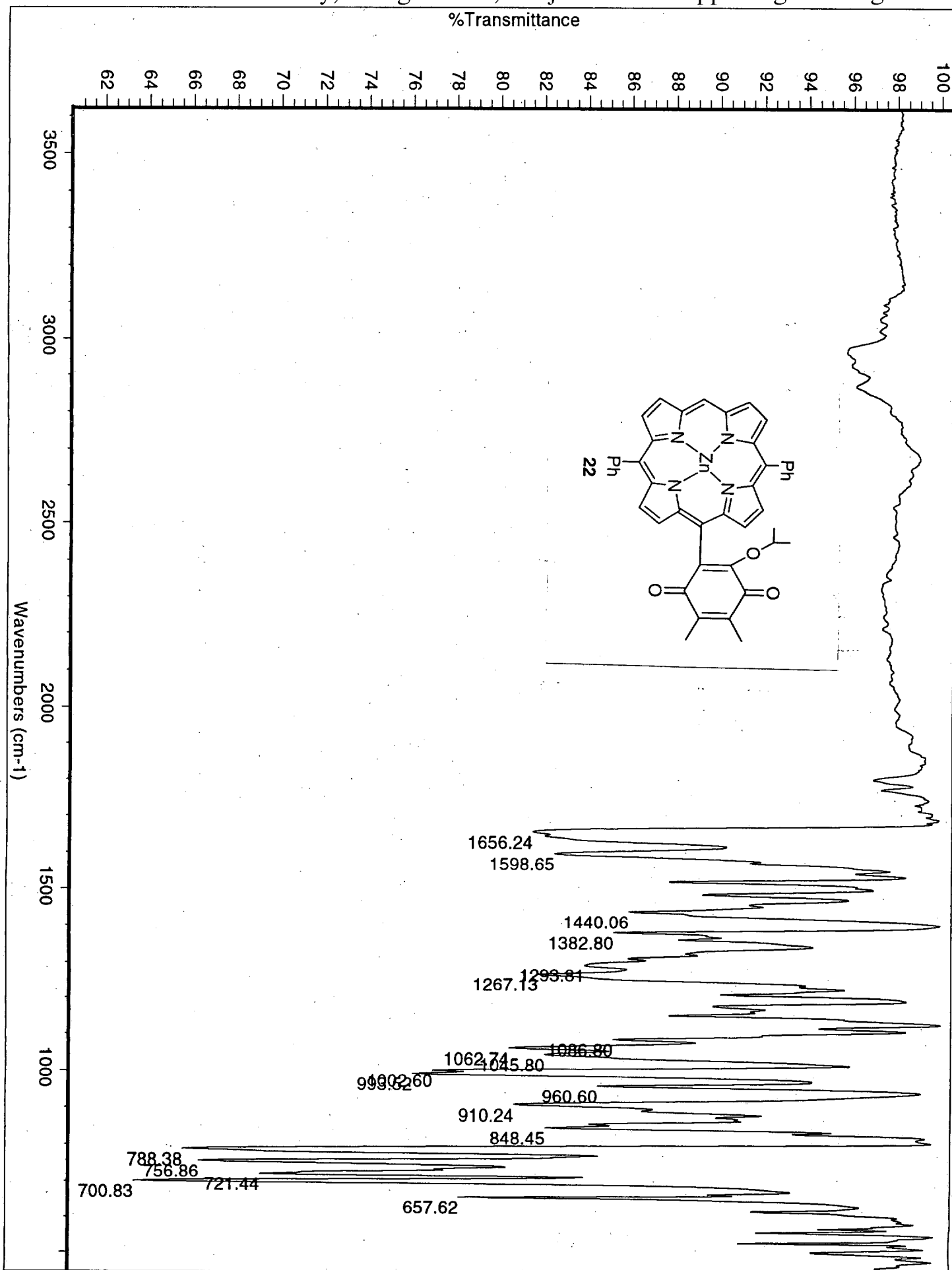
werr react

wexp procpot

wbs testn

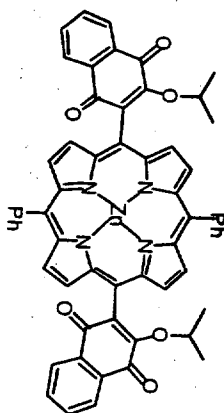
wnt



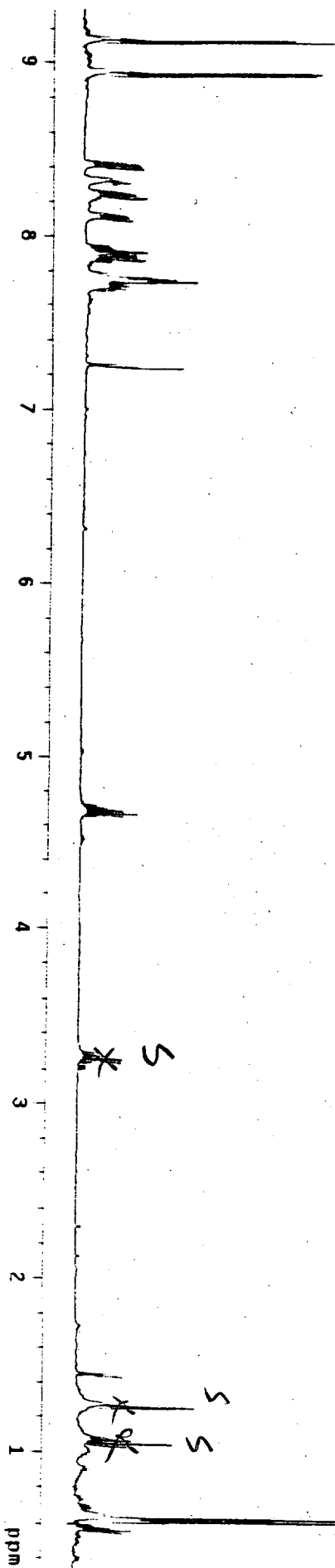


ML-III-20-2
exp2 stdin

SAMPLE		DEC. A VT	
date	Jan 6 98	dfrq	399.947
solvent	cdcl3	dn	H1
file	/export/home/~	dpwr	30
nmrusr	Liebeskind	dof	0
B/Xianglin	data/ML-	nm	nm
	III-20-2	dmf	200
ACQUISITION			
sfreq	399.947	dseq	1.0
tn	H1	dres	n
at	3.744	homo	0.20
np	97440	ib	0.20
sv	5000.0	wtfile	not used
fb	3000	proc	not used
bs	18	fn	7
tpwr	60	math	
pv	12.0		
dl	0.500		
tor	0	react	
nt	1	wexp	procpot
ct	1	ws	
alock	not used	wt	
gain	not used		
flaos			
ii	n		
in	y		
dp	nm		
ne			
DISPLAY			
sp	122.5		
vp	3602.6		
vs	100		
sc	0		
vc	250		
h2mm	14.41		
is	500.00		
ftf	3992.4		
tfp	2903.6		
th	20		
ins	1.000		
nm	cdc ph		



23

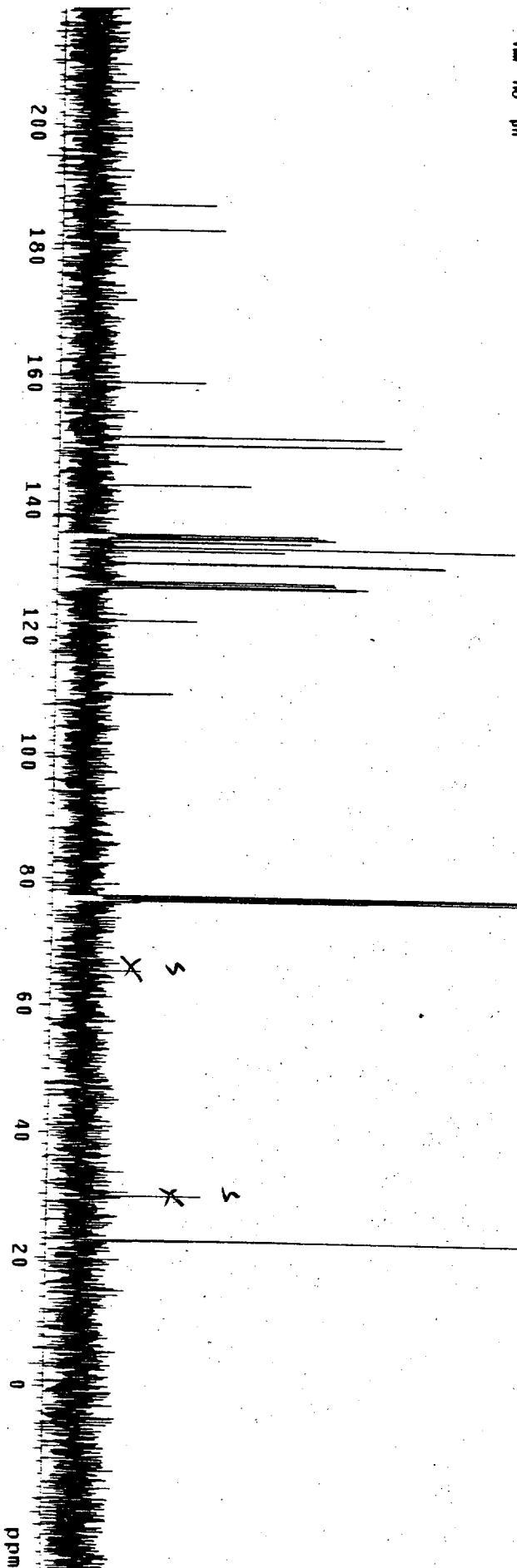
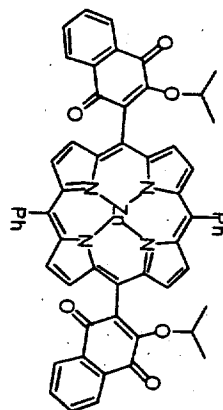


XL-III-20-2

PLL

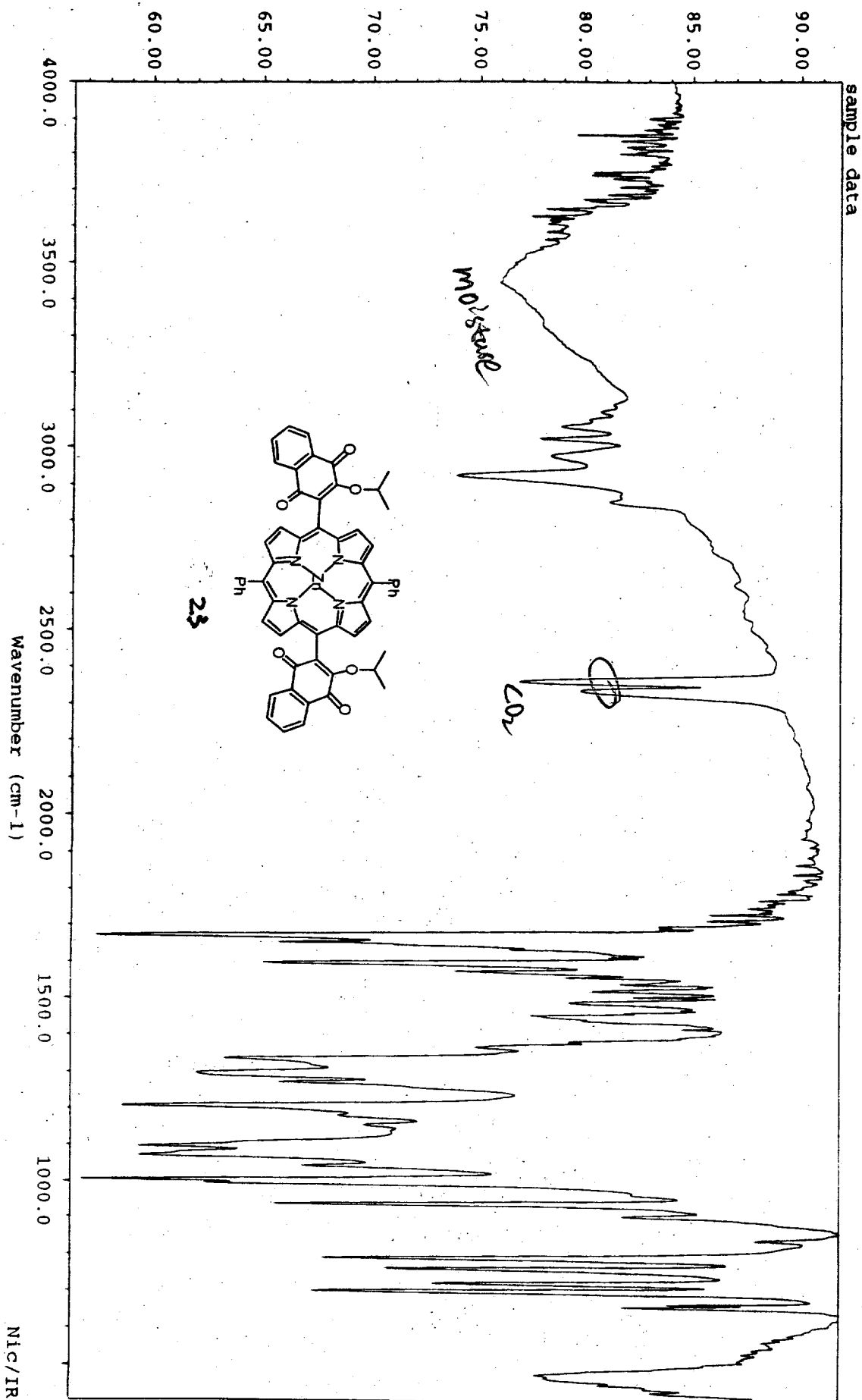
exp3 std13c

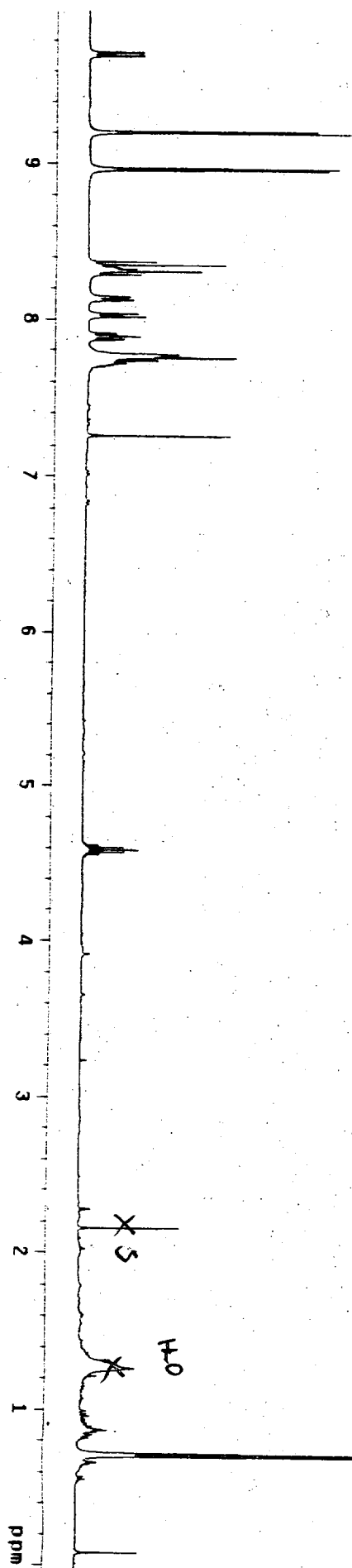
date	Jan 8 98	dfreq	399.947
solvent	Jan cdc13	dn	40
file	/export/home/	dpwr	40
nmrusr	/libaskind/	tof	-600.0
B/A	inglin_data/AL-	dm	YYY
	-11-20-2-CMR	dmf	W
ACQUISITION		dmf	9000
sfreq	100.576	dresq	1.0
tn	C13	dres	n
at	1.280	homo	n
np	64000	PROCESSING	2.00
sw	25000.0	lb	
fb	14000	wtfile	
bs	16	proc	ft
tpwr	60	fn	not used
pw	10.0	meth	f
dl	3.000	weir	react
tof	0	weid	procpilot
nt	1000	wsd	testsh
ct	160	wnl	
alock	Y		
gain	not used		
ll	n		
in	n		
dp	Y		
hs	nm		
DISPLAY			
sp	-3997.3		
wp	25000.0		
ve	164		
sc	0		
h2mm	250		
h2mm	100.00		
ls	500.00		
rfi	10751.7		
rfp	7744.3		
th	14		
inc	1.000		
rm	no		
ph			



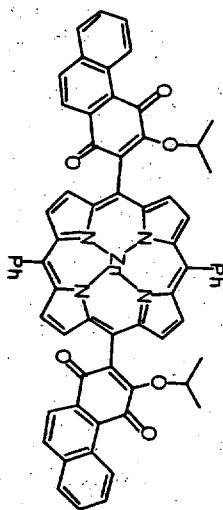
sample
sample data
8, Jan 6, 1998, 5:32:42 PM

XL-III-26-2





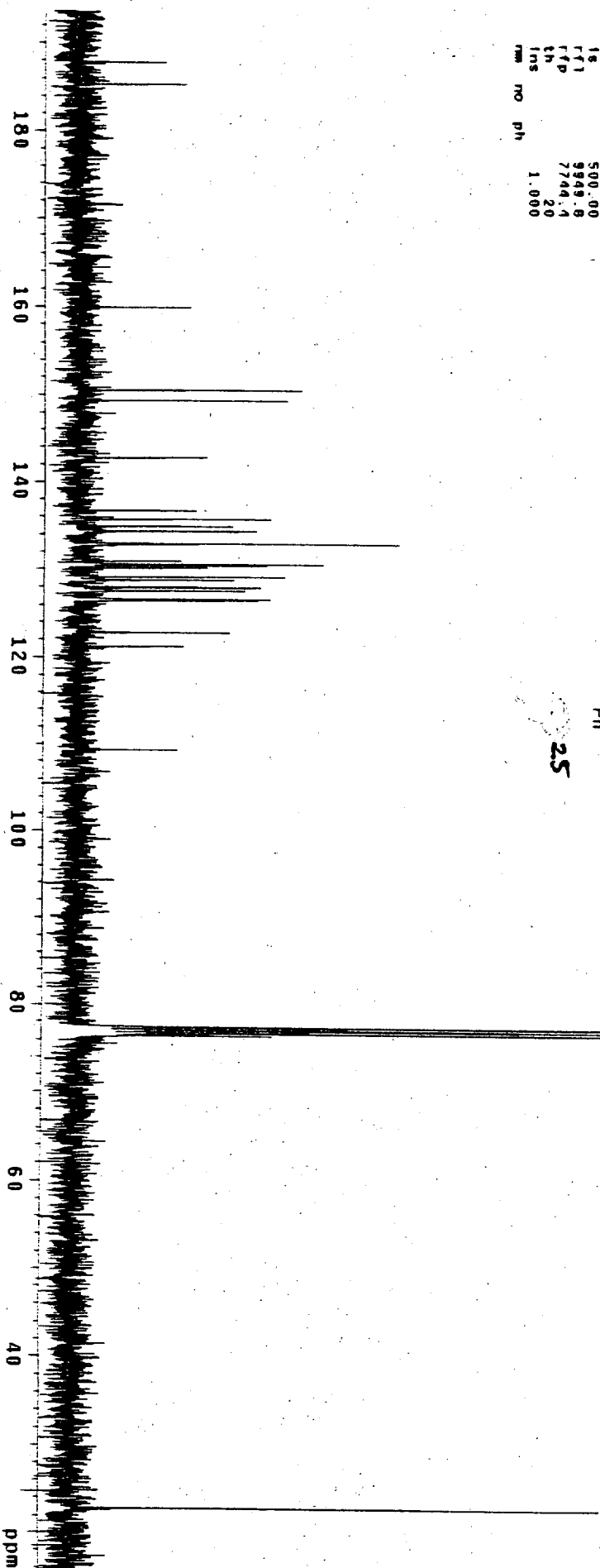
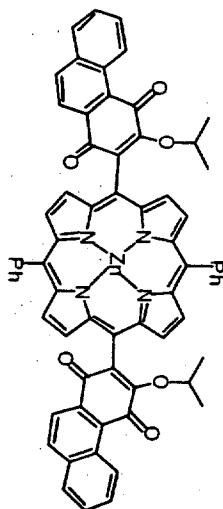
25



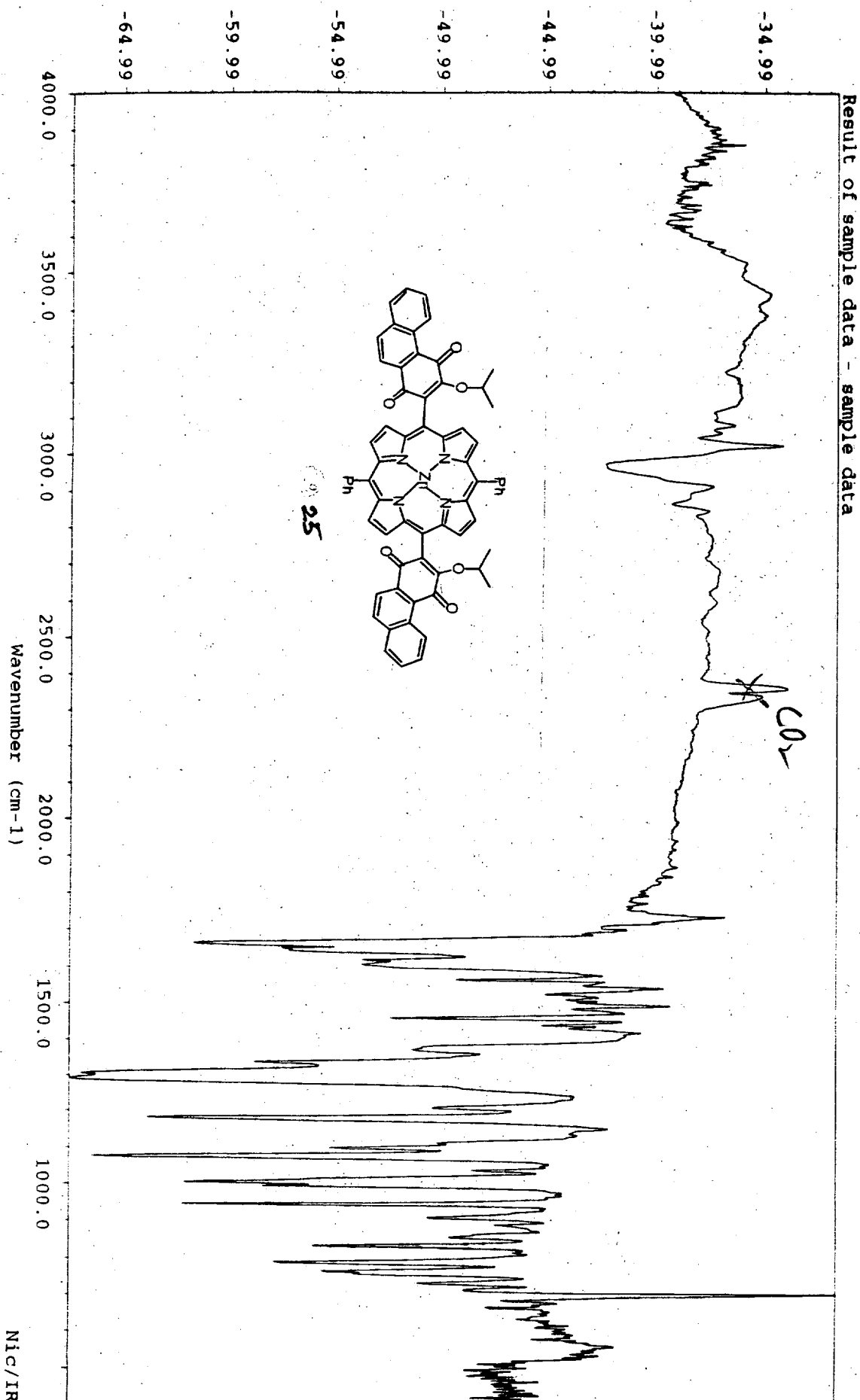
13C OBSERVE

expl std13c

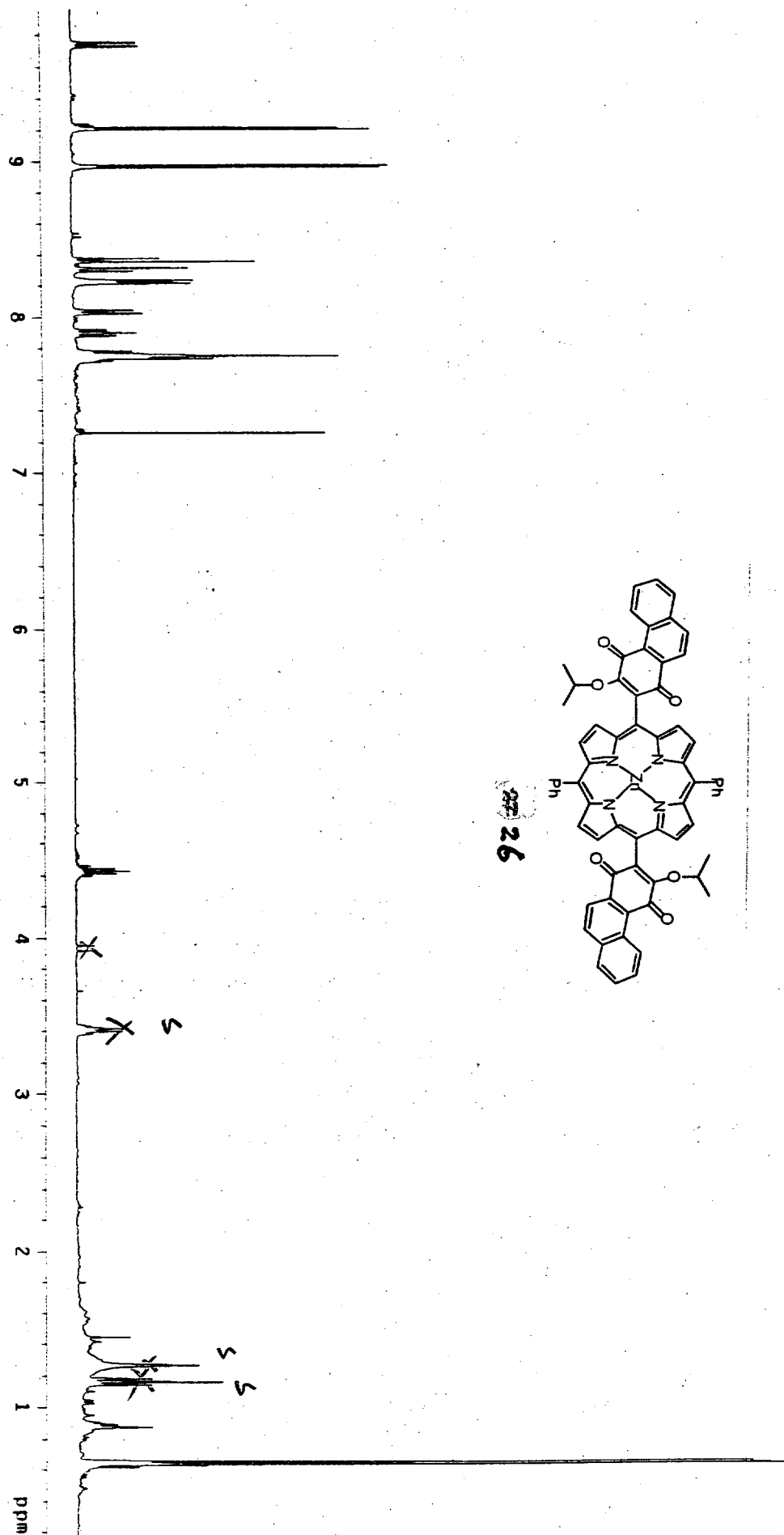
SAMPLE		DEC. 6 VI	
date	Jun 23 98	dfreq	399.847
solvent	cdcl3	dn	H1
file	exp	dpvr	42
ACQUISITION			
stfrq	100.577	dof	-200.0
tn	C13	dm	YY
at	1.280	dmm	W
mp	6400	dseq	9000
sv	25000.0	dres	1.0
fb	14000	homo	n
bs	16	PROCESSING	
tpvr	60	lb	2.00
pw	7.0	wtfile	
dl	2.000	proc	ft
tof	600.0	fn	not used
nt	10000	math	f
ct	592		
clock	Y	weir	react
gain	not used	wexp	procpot
flags	not used	ws	testen
wt			



X1-1v-55-2
Result of sample data - sample data
Wed, Jun 24, 1998, 10:30:21 AM

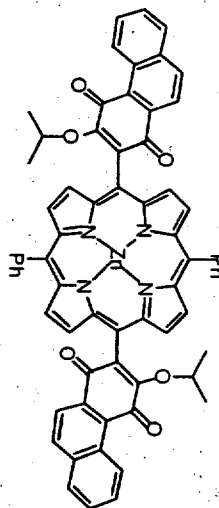


XL-III-37(I)

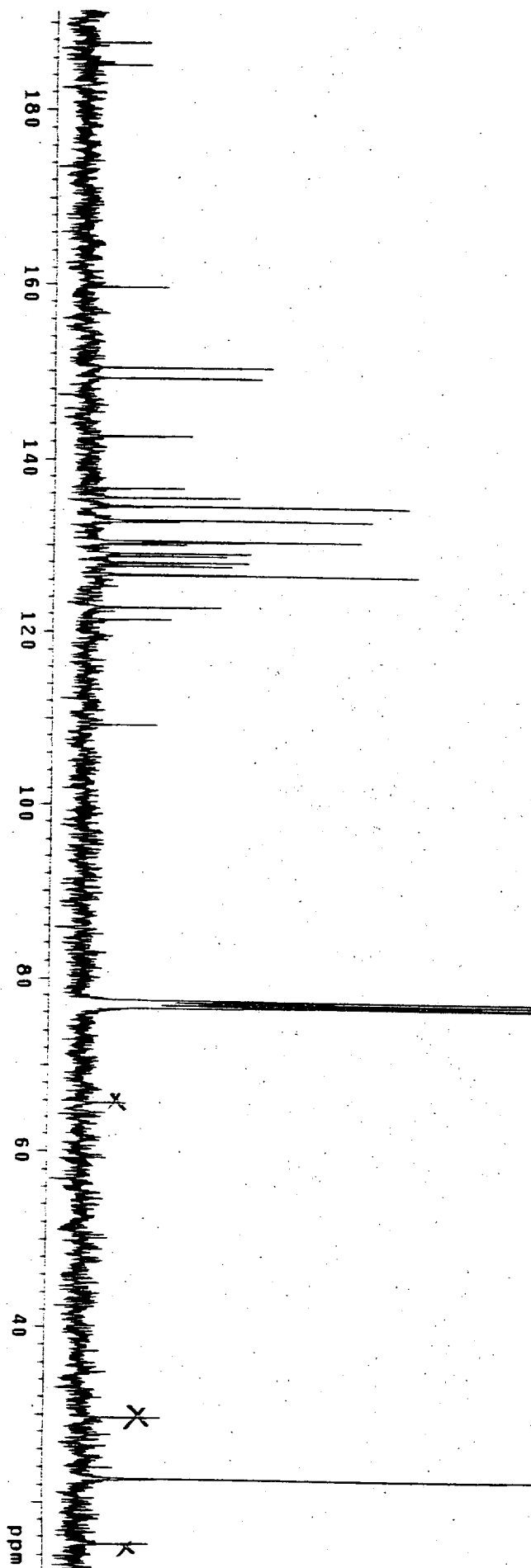


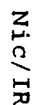
XL-III-37-1-C-NMR
exp1 std13c

SAMPLE DEC. 8 VT
date Jan 20 98 dfrq 399.947
solvent cdc13 dn H1
file cdc13 dpr 40
ACQUISITION exp -800.0
sfreq 100.576 dm YYY
in C13 dmm W
at 1.280 dmf 9000
np 64000 dseq
sv 25000.0 dres 1.0
fb 14000 homo n
bs 18 PROCESSING 4.00
tpvr 60 lb wfile
pv 10.0 wfile
d1 3.000 ploc ft
tof 0 fn not used f
nt 10000 math
ct 784
a1ock Y react
gain not used procpilot
FLAGS n testn
11 n
1n Y
dp Y
hs mn
DISPLAY 1195.1
sp 18067.0
vp 210
vs 0
sc .250
wc 72.27
hzmm 500.00
1s 10751.7
rfi 7744.3
th 1.000
ins 1.000
nm no ph



26





STANDARD 1H OBSERVE

exptl std1h

SAMPLE

DEC. A VT

date

Sep 24 98

399.947

H1

solvent

cdcl3

H1

30

file

exp

H1

0

sfrq

399.947

dm

0

ln

H1

dmf

nnh

at

3.742

dmf

c

np

56128

dseq

200

sw

7499.8

dres

1.0

fb

4000

homo

n

hs

16

PROCESSING

n

tpwr

60

lb

0.20

pw

12.0

wfile

ft

di

0.500

proc

not used

nt

0

fn

f

ct

4

math

f

alock

n

werr

react

gain

not used

wexp

procplot

flags

n

wnt

in

n

dp

y

hs

mn

display

-1086.2

wp

5059.0

vs

208

sc

250

wc

20.28

hzmm

500.00

is

4642.4

rfl

2903.6

rfp

20

th

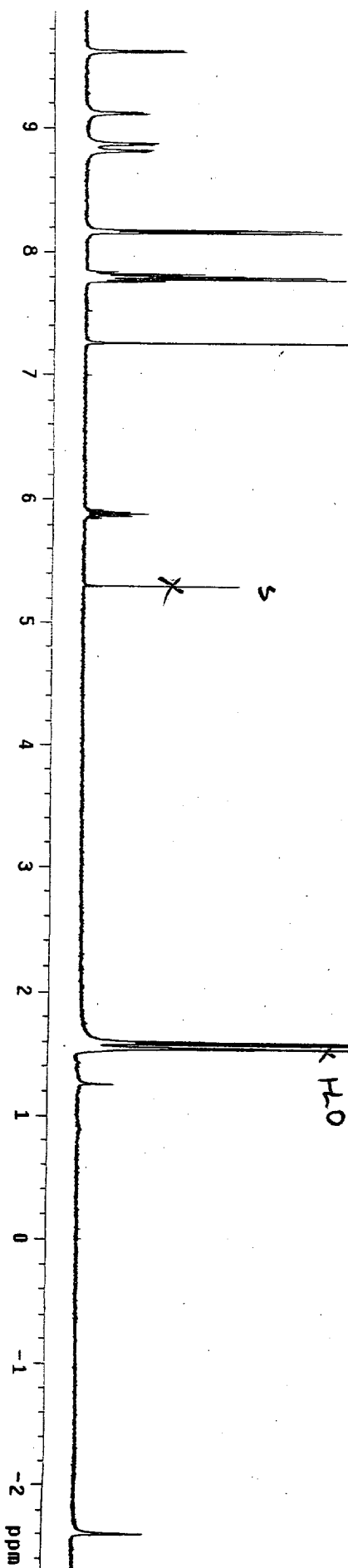
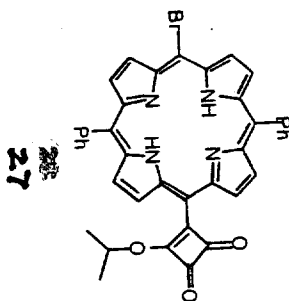
1.000

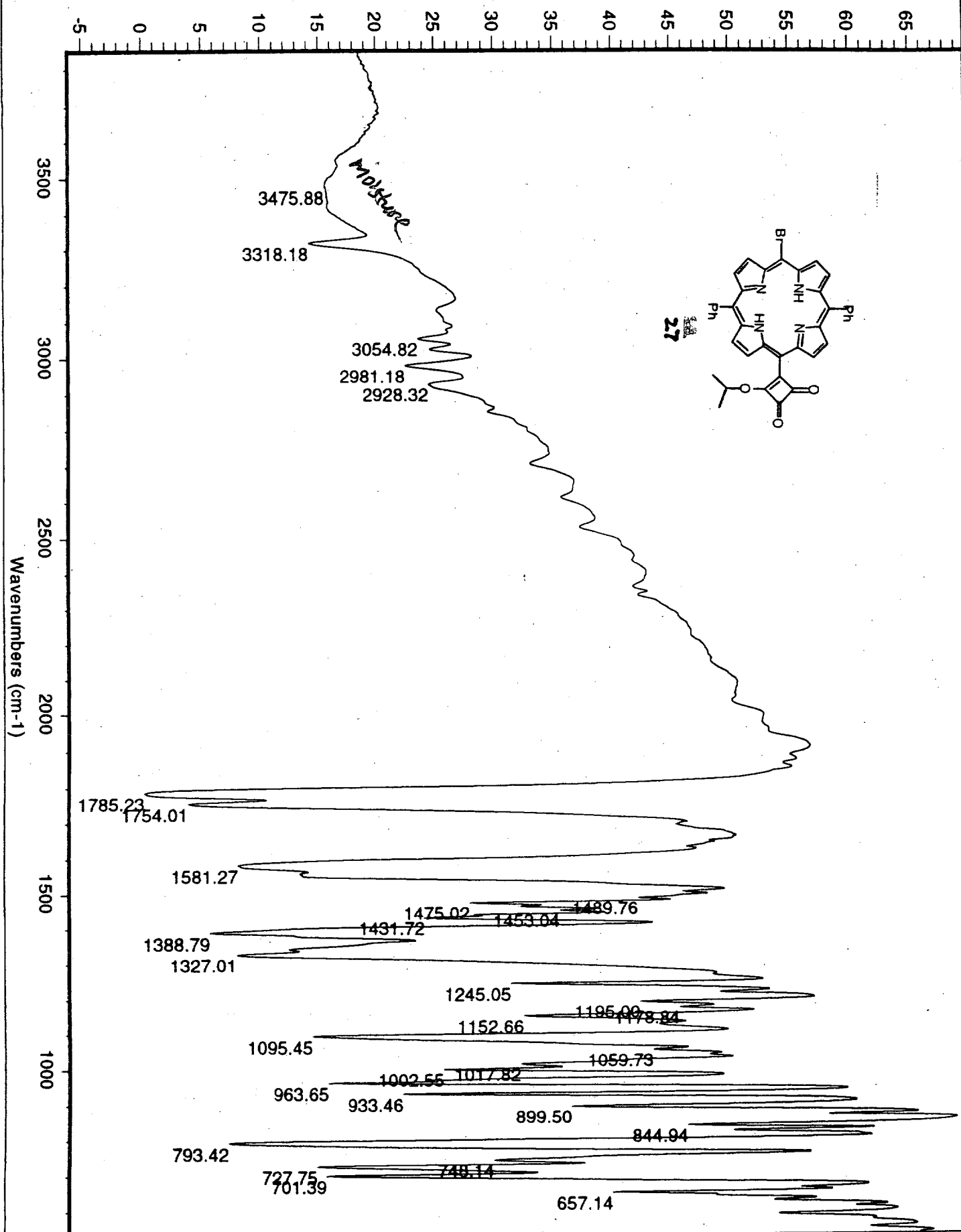
ins

nm

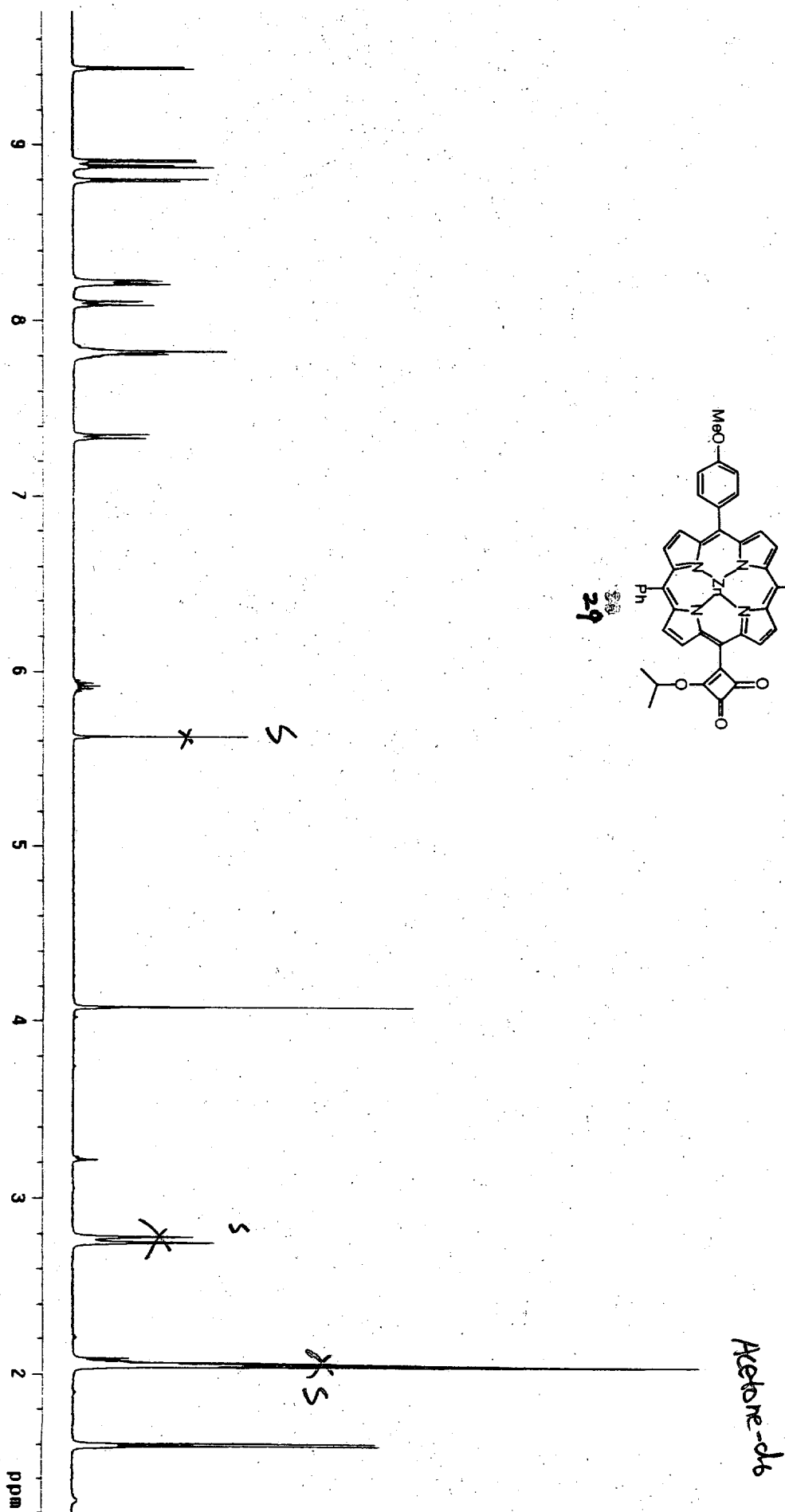
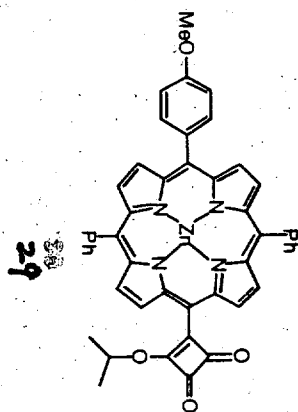
cdc

ph





XL-18-166



13C OBSERVE

exptl std13c

SAMPLE

date

Nov 6 1999

DEC. & VT

399.949

solvent

dmsc

file

exp

ACQUISITION

100.577

sfreq

C13

in

0.799

at

38400

np

24016.8

sw

13000

fb

16

bs

60

tpwr

9.0

pw

2.000

di

490.5

tof

10000

nt

2176

ct

n

alock

not used

gain

not used

il

n

in

y

dp

nm

hs

nm

sp

1373.3

wp

19125.1

vs

750

sc

0

wc

250

hzmm

76.50

is

500.00

rfl

6038.8

rfl

3972.4

th

12

ins

100.000

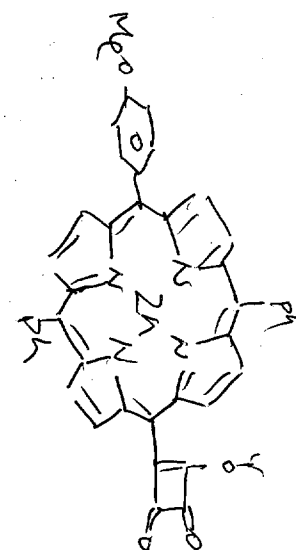
nm

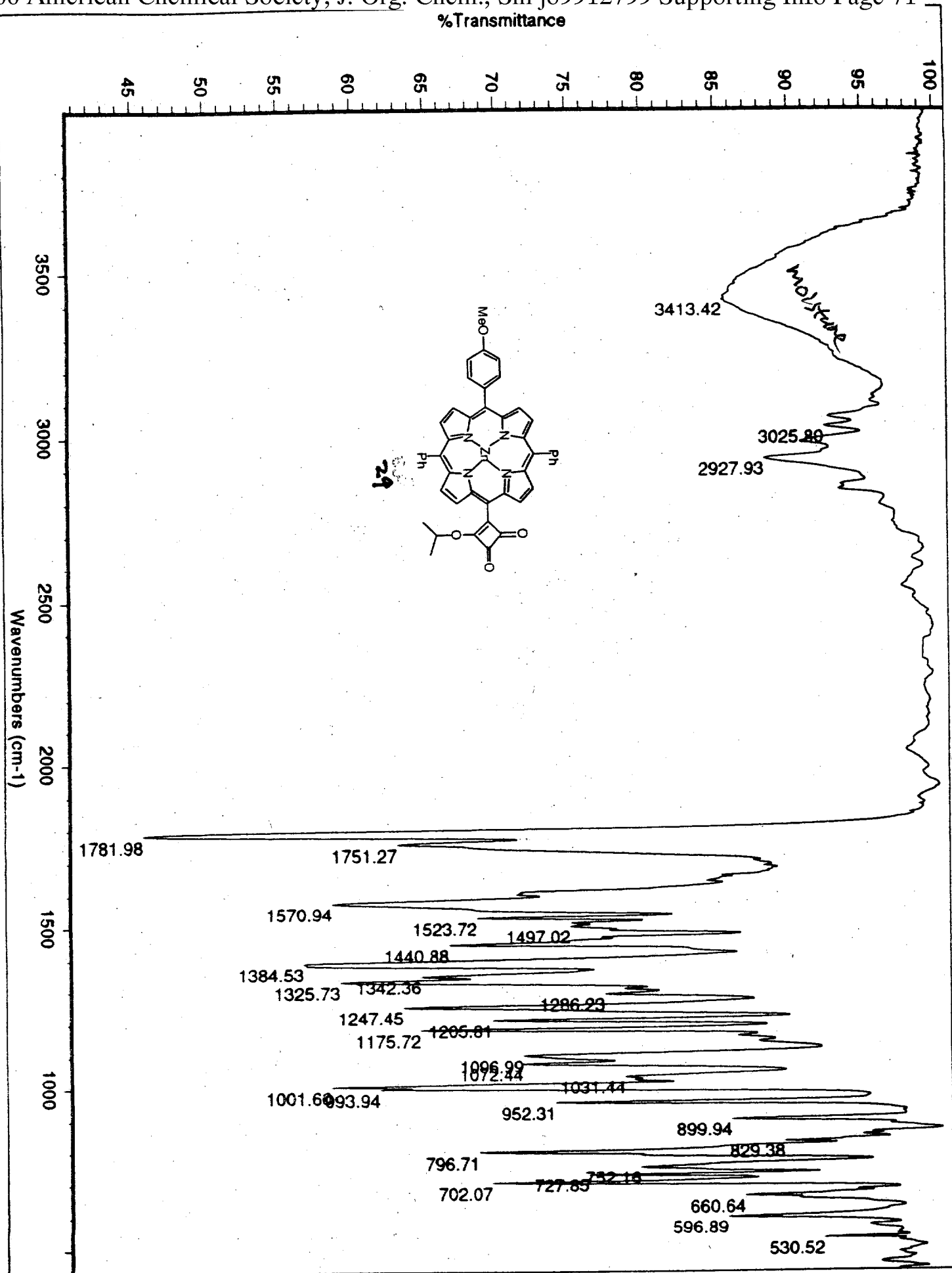
no

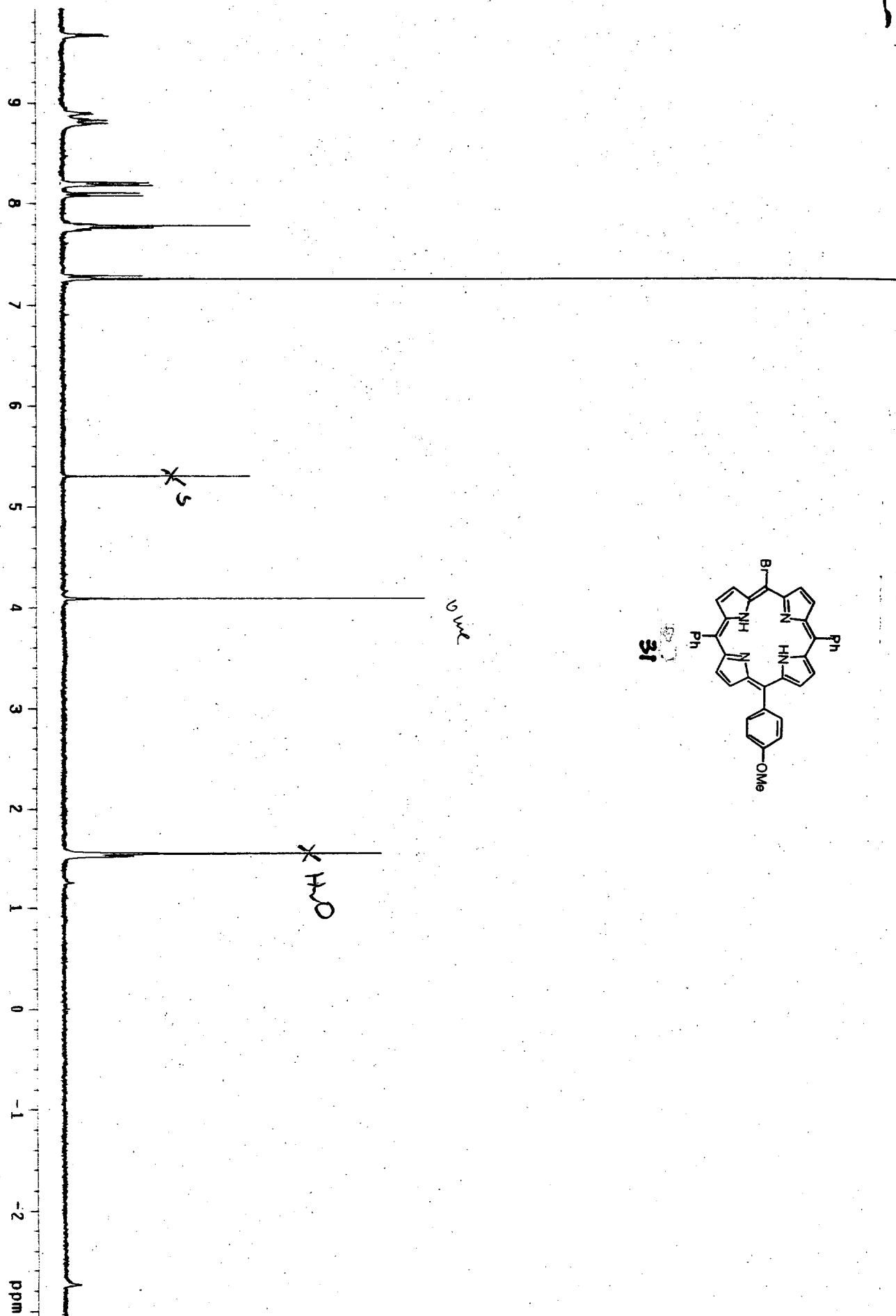
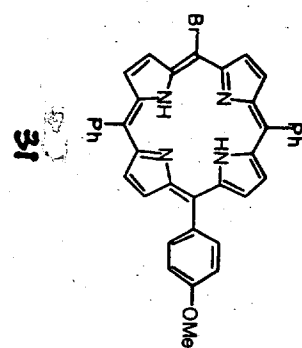
ph

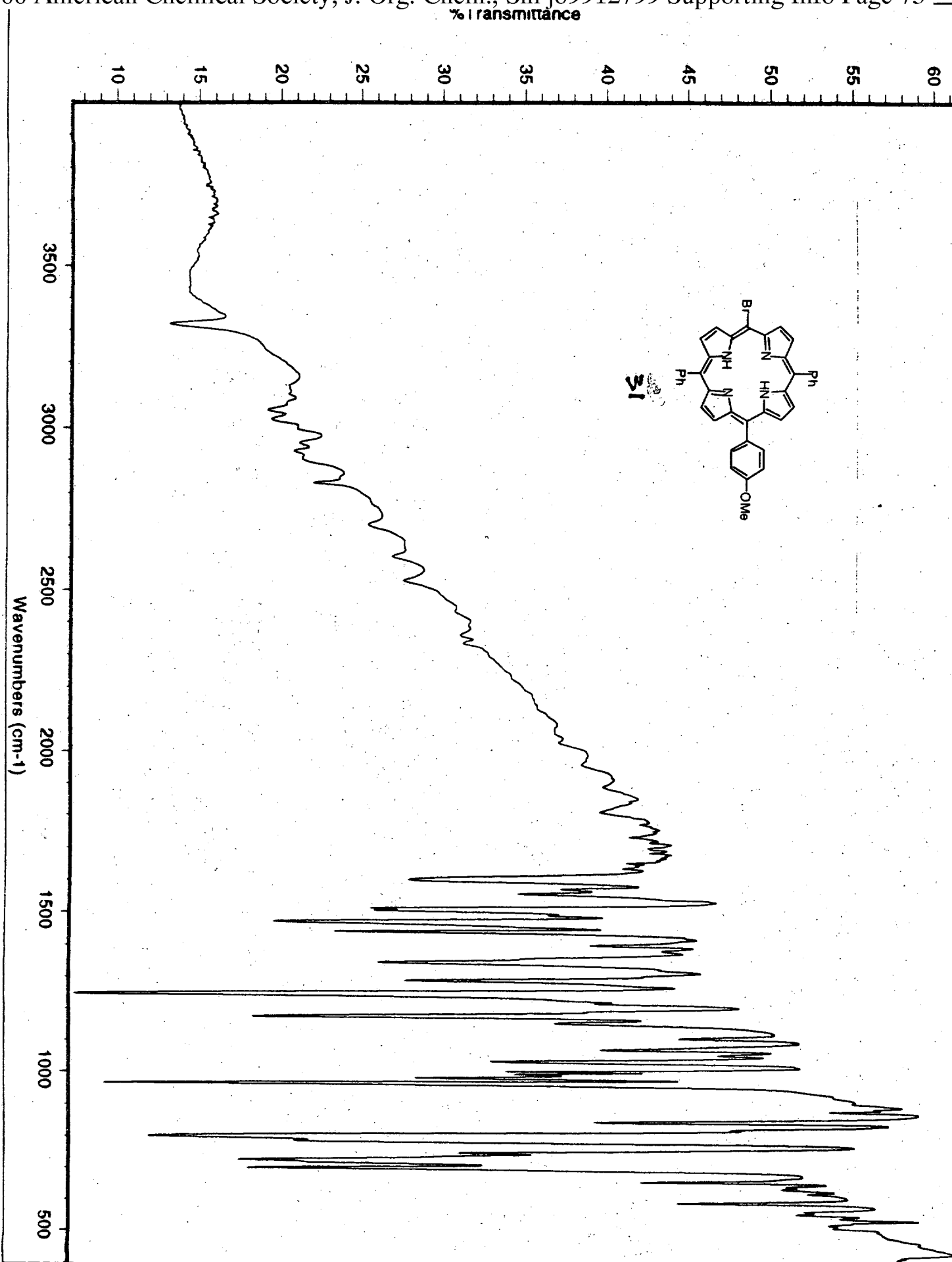
100.000

dfreq 399.949
dn H1
dpr -480.0
dof 42
dm YYY
dmm W
dseq 9000
dres 1.0
homo n
PROCESSING 3.50
lb
wfile
proc ft
fn not used
math f
warr react
wexp procpilot
wbs testisn
wnt







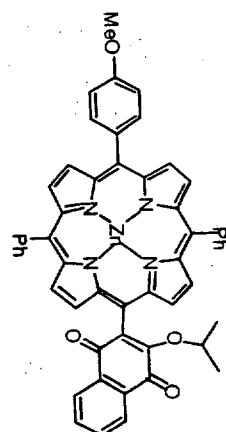
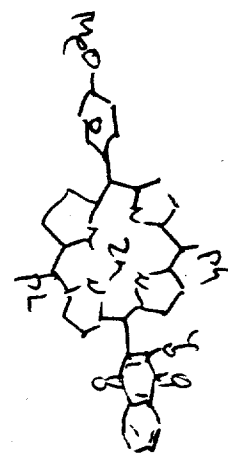


STANDARD 1H OBSERVE

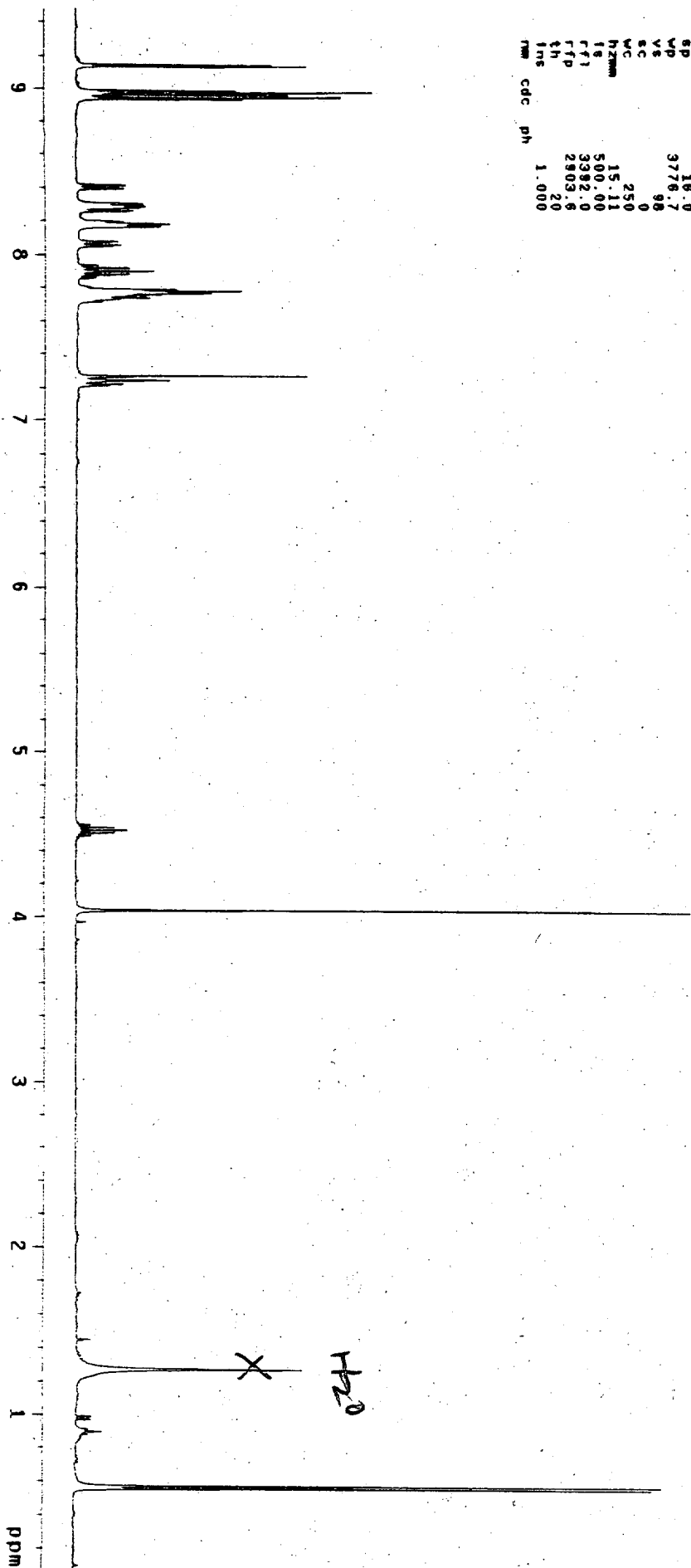
```

expt stah
SAMPLE
date Sep 14 98
solvent cdcl3
file ACQUISITION
sfrq 399.947
in H1
at 3.744
nd 3.744
vz 5000.0
vz 3000
b2 16
lpwr 60
pv 12.0
dl 0.500
to 0
nt 4
cl 4
a1ock not used
gain not used
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
f16 n
f17 n
f18 n
f19 n
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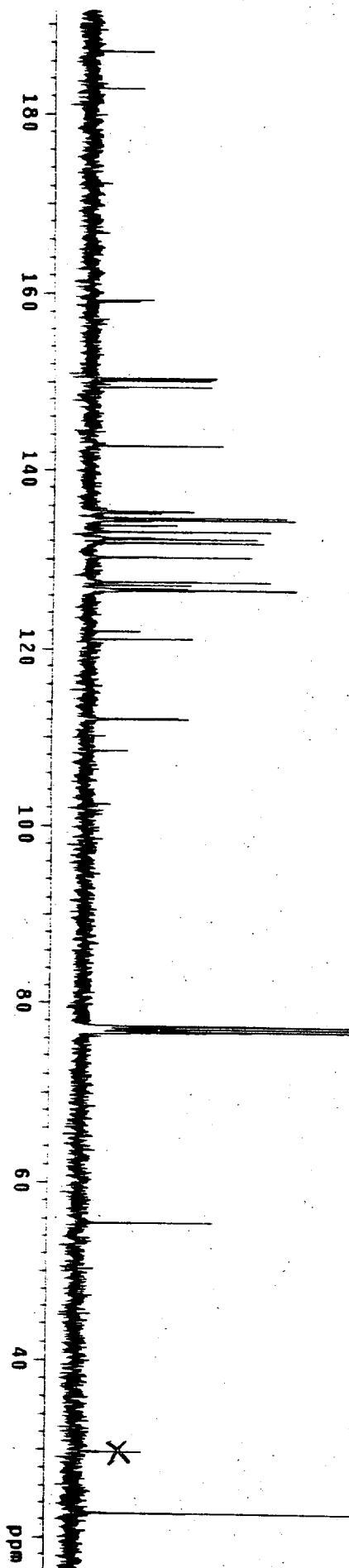
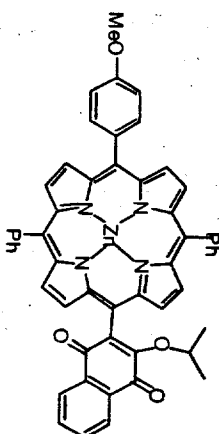
32

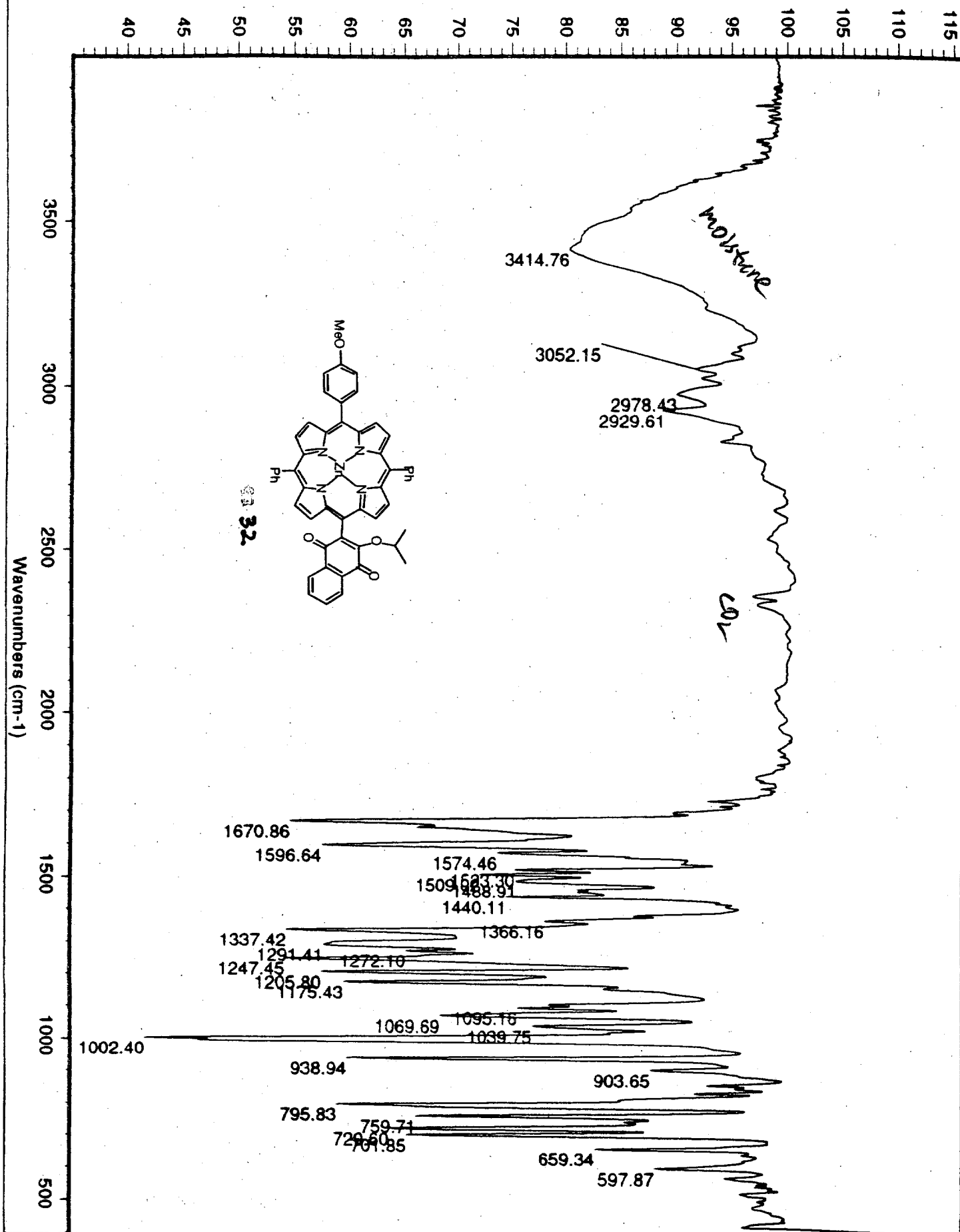


13C OBSERVE

exp2 std13c

SAMPLE Sep 14 98 DEC. 6 VI
 date Sep 14 98 399.947
 solvent ccd13 HI
 file exp 42
 ACQUISITION
 freq 100.577 dmf -200.0
 tn C13 dmf VVV
 at 1.280 dmf 9000
 mp 64000 dmf
 sw 25900.0 dmf 1.0
 fd 14000 homo
 bs 16 PROCESSING 2.00
 tpwr 60 lb
 pw 7.0 wfile
 dl 2.000 proc ft
 tot 800.0 fn not used
 nt 10000 math
 ct 736
 clock Y react
 gain not used proplot
 flags testin
 11 n
 1n n
 dp y
 hs mn
 DISPLAY 1609.7
 sp 17654.2
 vp 178
 ve 0
 sc 250
 h2mm 70.82
 1s 500.00
 rfi 9949.8
 rfp 7744.4
 th 10
 line 1.000
 nm no ph

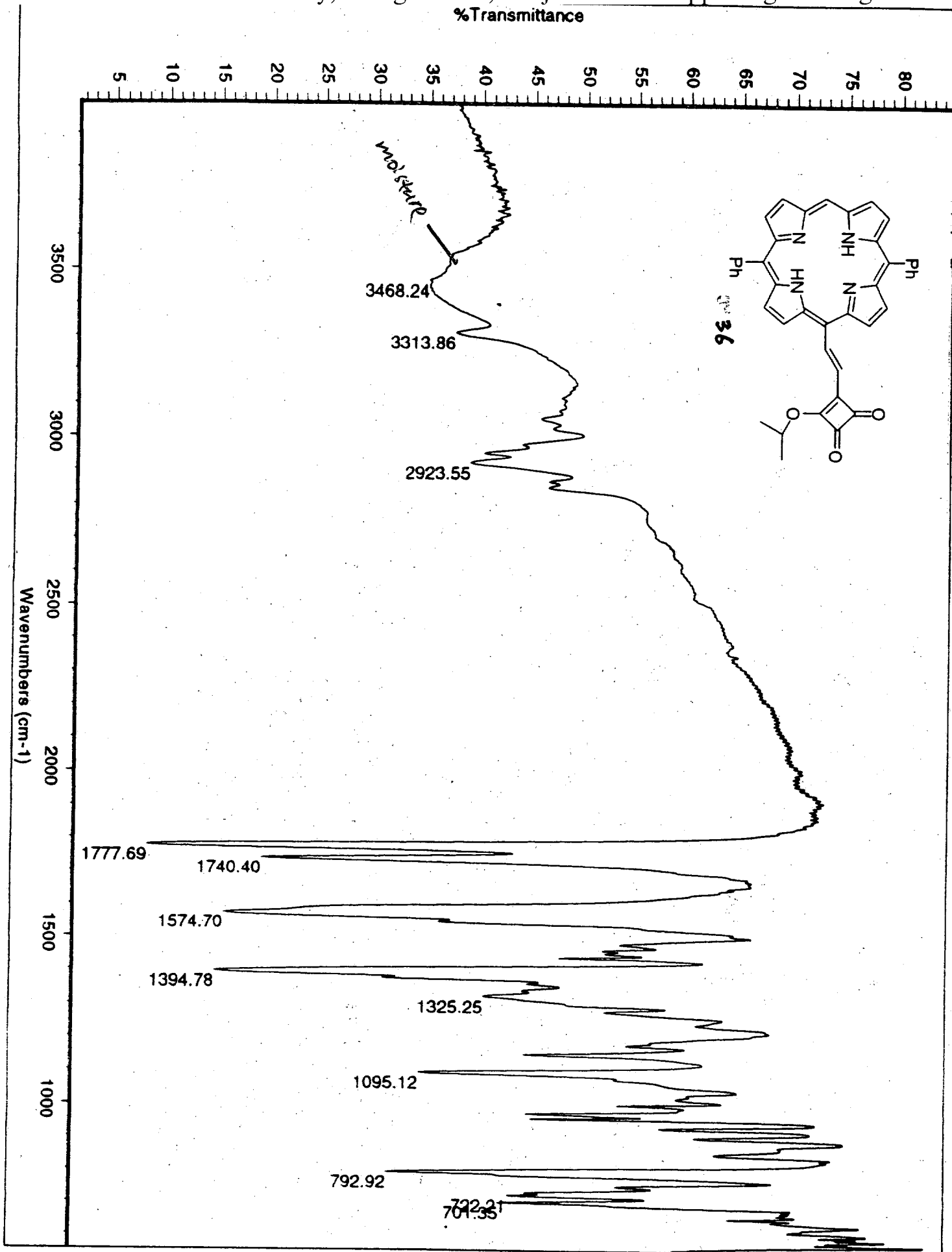




Standard HI
exp2 expu1

Should be VL-IV-200

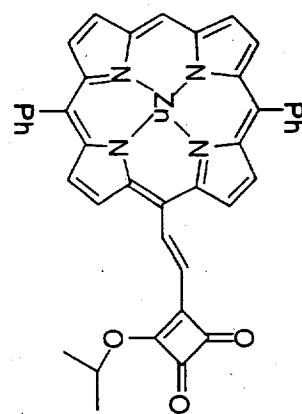
date	SAMPLE	temp	SPECIAL	not used
Oct 30 1998		gain		
solvent	CDCl3	spin	not used	
file	EXP	hst	not used	
ACQUISITION	exp	prg	0.008	
sw	6500.0	prg	11.500	
at	2.003	prg	10.000	
np	34624	prg	10.000	
rb	3600	prg	10.000	
bs	4	prg	10.000	
di	1.000	prg	10.000	
ct	4	prg	10.000	
nt	4	prg	10.000	
TRANSMITTER		PROCESSING	0.20	
1n	M1	1b	not used	
freq	300.065	sp	-824.0	
1of	-35.2	sp	4249.7	
1pw	56	wd	366.0	
pw	4.000	rfl	2170.5	
DECOUPLER		rfl	171.7	
1n	C13	1p	-94.7	
dot	0	1p	-94.7	
dm	mm	1p	-94.7	
dmm	36	1p	-94.7	
dpr	8	1p	-94.7	
dwt	11000	1p	-94.7	
at		cat	ph	



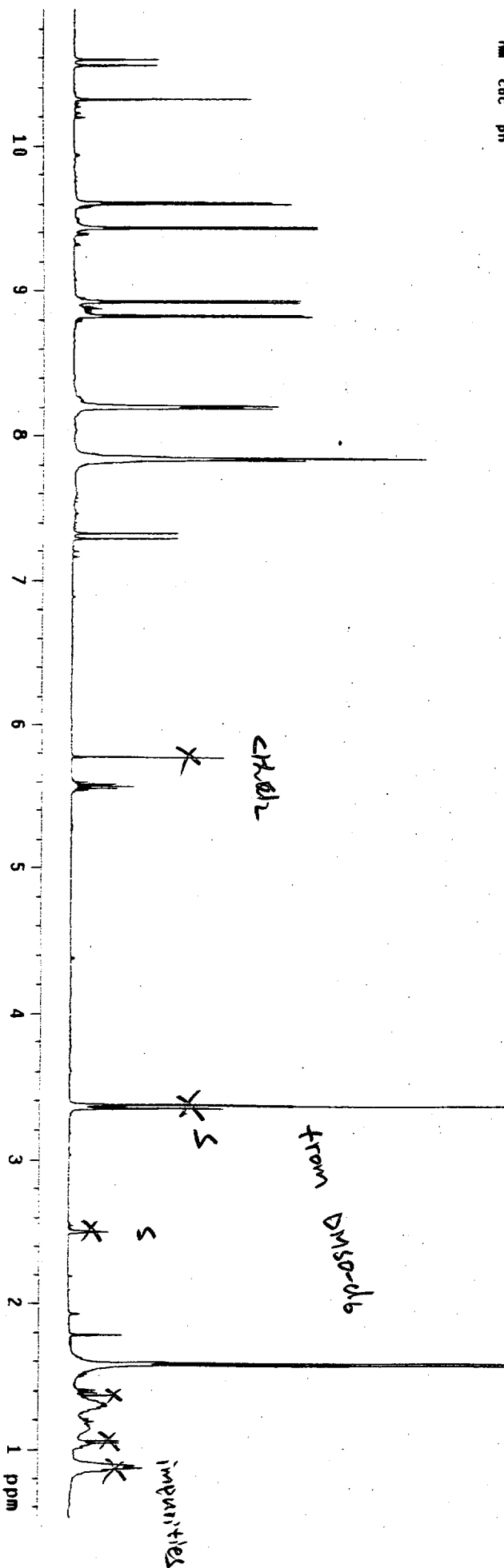
XL-15-97

STANDARD 1H OBSERVE

expt	stdln	date	Mar 15 1999	DEC. 8 VI	399.949
solvent	dmsc	file	exp	dn	H1
ACQUISITION	399.949	freq	399.949	dmf	30
at	2.003	dmf	200	nmn	0
np	5000.0	dsq	1.0	nmn	0
fb	3000	homo	1.0	nmn	0
bs	16	PROCESSING	0.20	nmn	0
tpvr	12.0	wtfile	0.20	nmn	0
pw	2.000	proc	32768	nmn	0
to	0	fn	32768	nmn	0
nt	4	math	f	nmn	0
cl	4	react	procplot	nmn	0
gain	not used	react	procplot	nmn	0
11	n	wt		nmn	0
in	n			nmn	0
dp	nm			nmn	0
hs	nm			nmn	0
sp	207.9	DISPLAY		nmn	0
vp	4165.3			nmn	0
vs	106			nmn	0
ec	0			nmn	0
h2nm	16.66			nmn	0
is	500.00			nmn	0
rfl	1481.7			nmn	0
rtp	999.9			nmn	0
th	20			nmn	0
ins	100.000			nmn	0



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13C OBSERVE

exp2 std13c

SAMPLE DEC. 4 VI
 date Mar 15 1999 dfrq 399.948
 solvent dms d1
 file exp 42
 ACQUISITION 100.577 dm
 6frq 100.577 dm
 tn C13 dms
 at 1.280 dmf
 np 8400 dseq
 sw 25000.0 dres
 fb 14000 homo
 us 16
 tpwr 60
 pw 7.0 wfile
 dl 2.000 proc
 lof 800.0 fn
 nt 10000 math
 ct 336
 clock Y
 gain not used
 flags
 il n
 in y
 dp y
 hs n

DISPLAY
 sp -2248.0
 wp 25000.0
 vs 428
 sc 0
 wc 250
 hzmm 100.00
 ls 500.00
 rfi 8220.4
 rfp 3972.4
 th 8
 ins 100.000
 nm no ph

