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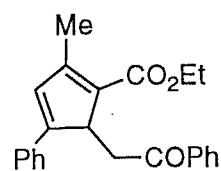
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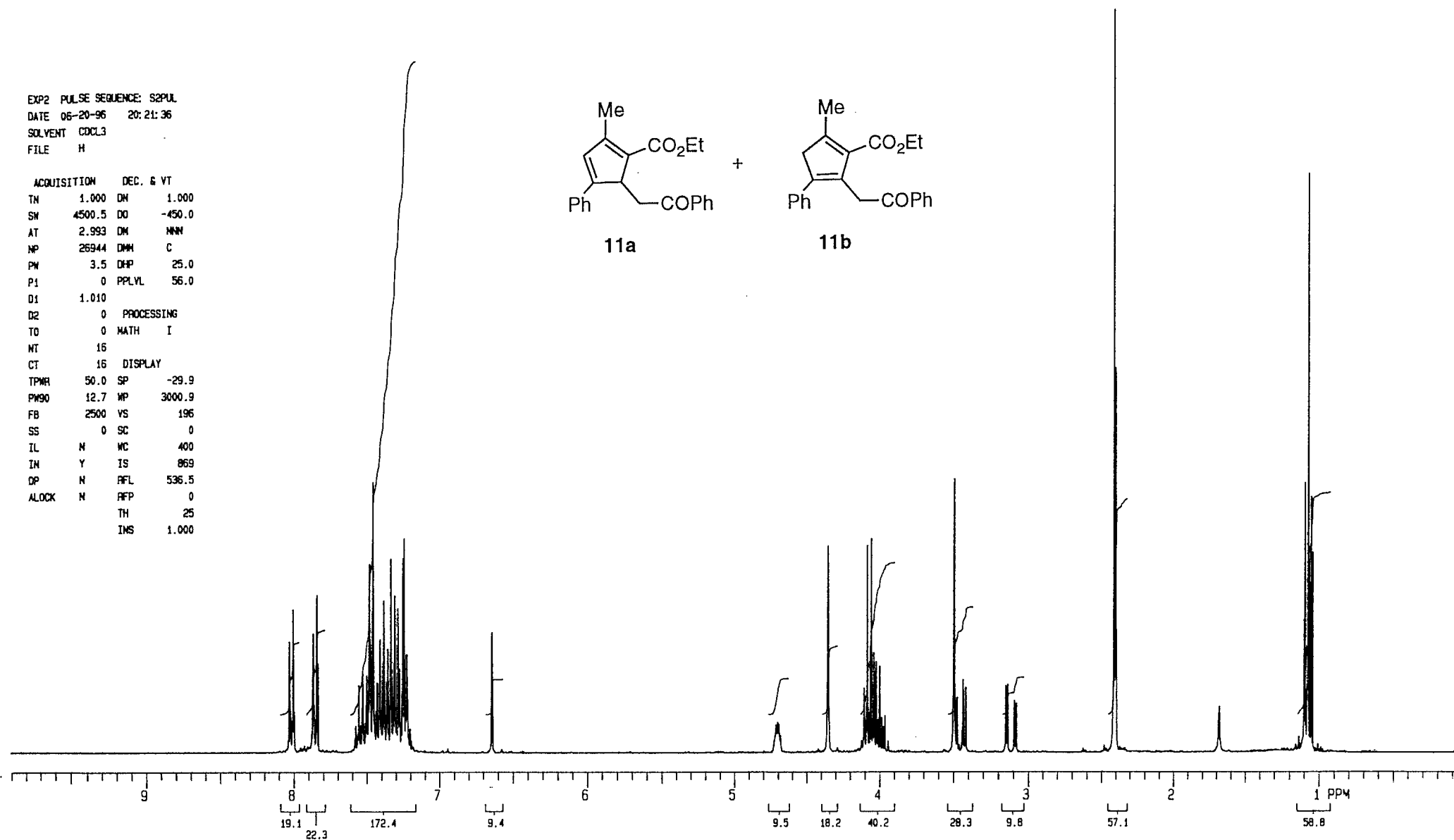
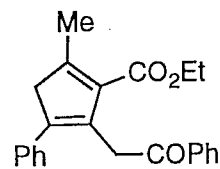
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EXP2 PULSE SEQUENCE: S2PUL
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ACQUISITION		DEC. & VT	
TN	1.000	DN	1.000
SN	4500.5	DO	-450.0
AT	2.993	DM	NNN
NP	26944	DMH	C
PN	3.5	DHP	25.0
P1	0	PPLYL	56.0
D1	1.010		
D2	0	PROCESSING	
TD	0	MATH	I
MT	16		
CT	16	DISPLAY	
TPMR	50.0	SP	-29.9
PM90	12.7	WP	3000.9
FB	2500	VS	196
SS	0	SC	0
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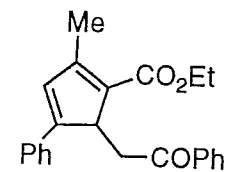


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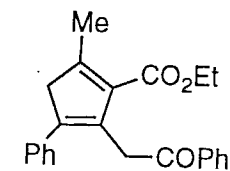
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 SOLVENT CDCL3
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ACQUISITION		DEC. & VT	
TM	13.000	DN	1.000
SM	18761.7	DO	-450.0
AT	0.873	DM	YYY
NP	32768	DMH	N
PW	6.0	DMF	10400
P1	0	DHP	37.0
D1	1.200	DLP	1023
D2	0	PP	15.0
TO	0	PPLVL	52.0
NT	4096		
CT	1728	PROCESSING	
TPMR	46.0	SE	0.318
PH90	11.0	LB	1.000
FB	10400	MATH	0
BS	64		
SS	0	DISPLAY	
IL	N	SP	-75.6
IN	Y	WP	15092.5
DP	Y	VS	468
ALOCK	N	SC	0
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		RFP	5810.6
		TH	10
		INS	1.000
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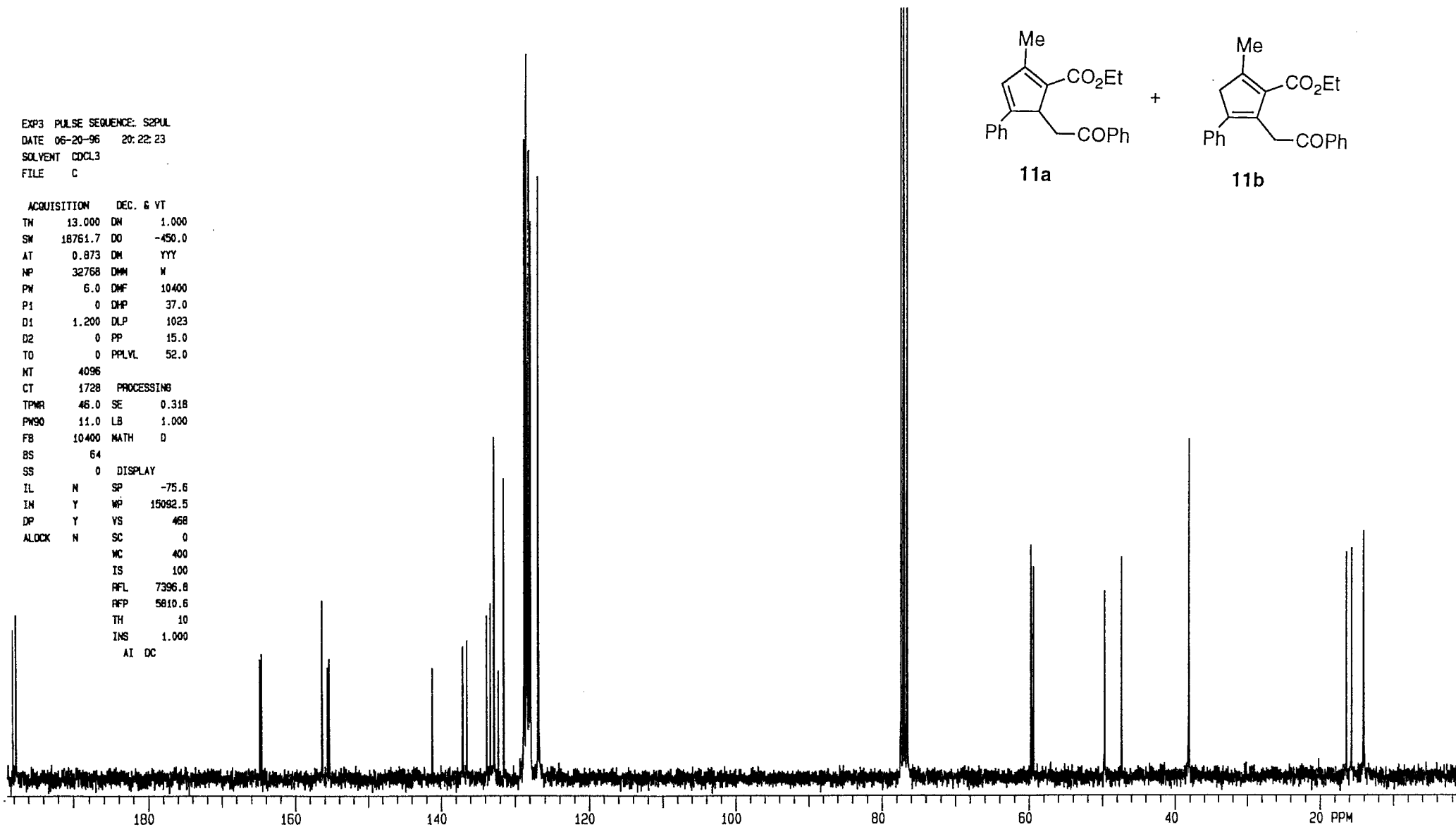


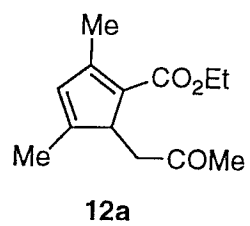
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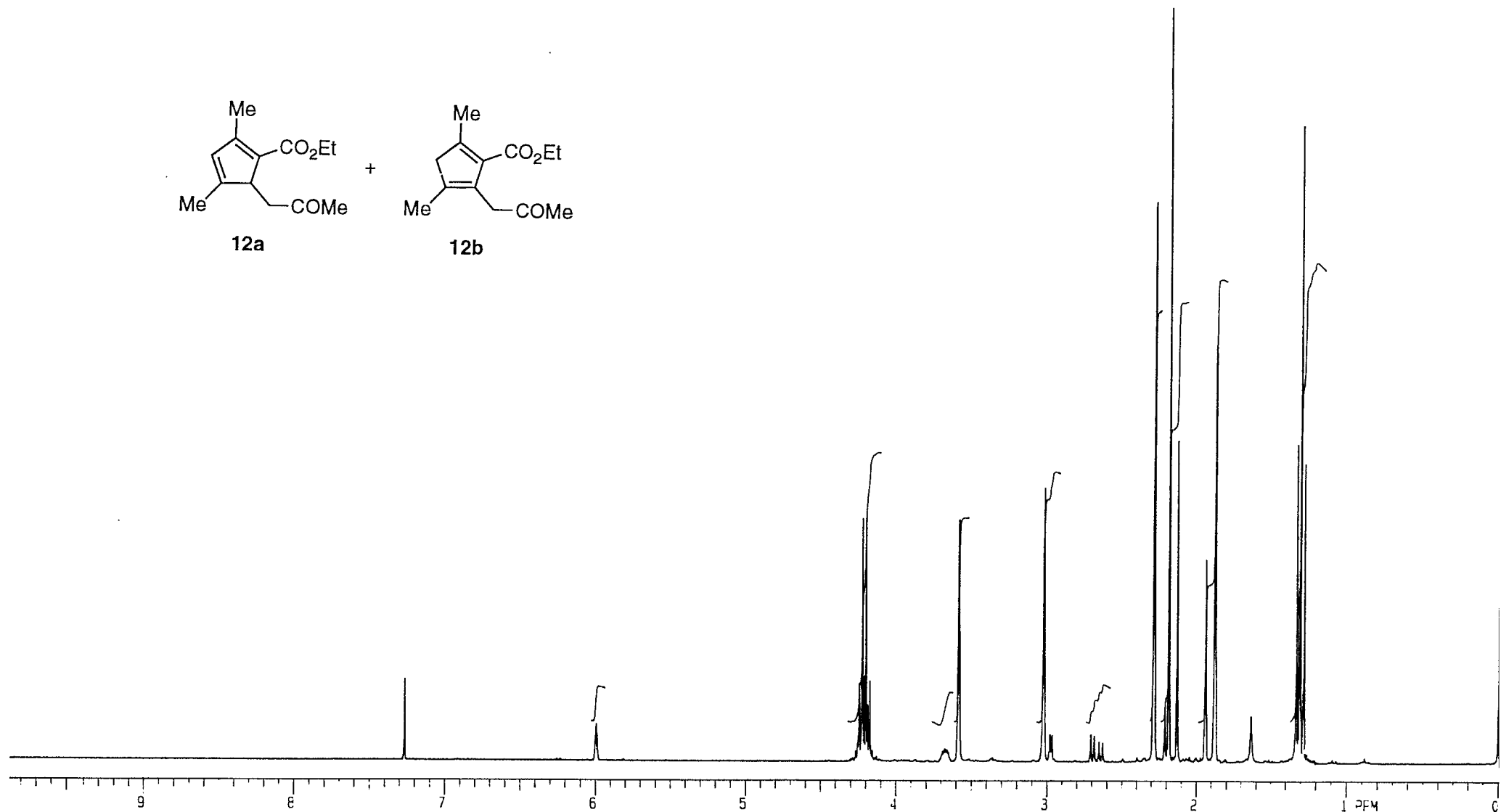
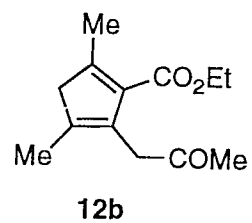


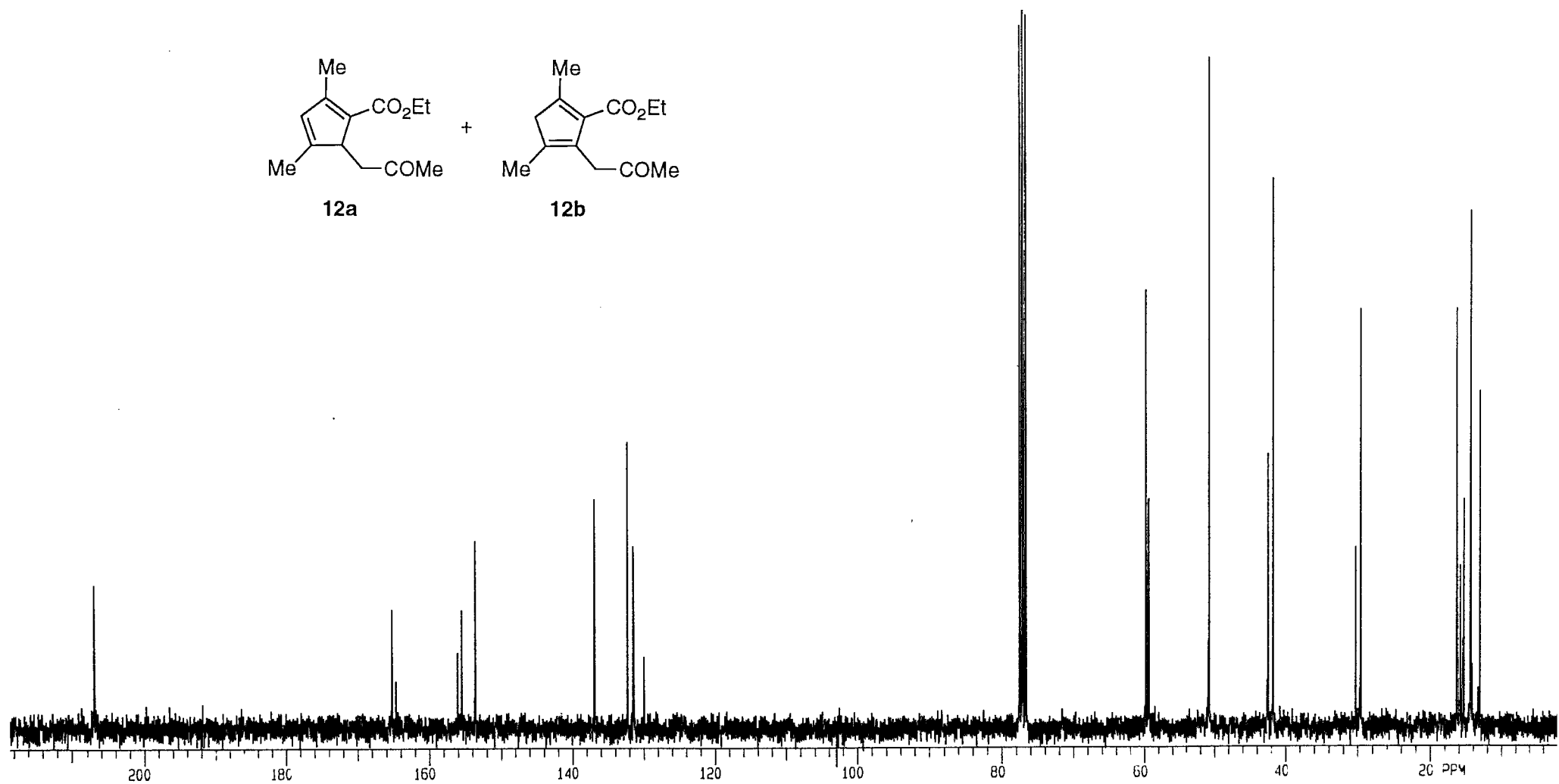
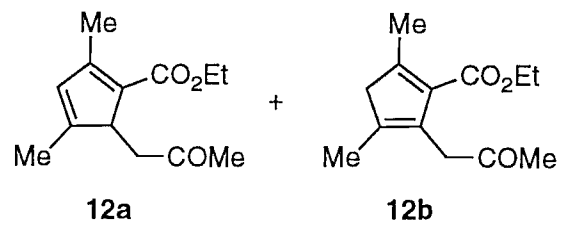
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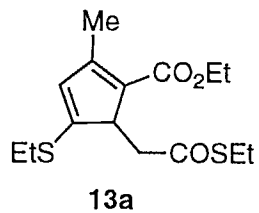
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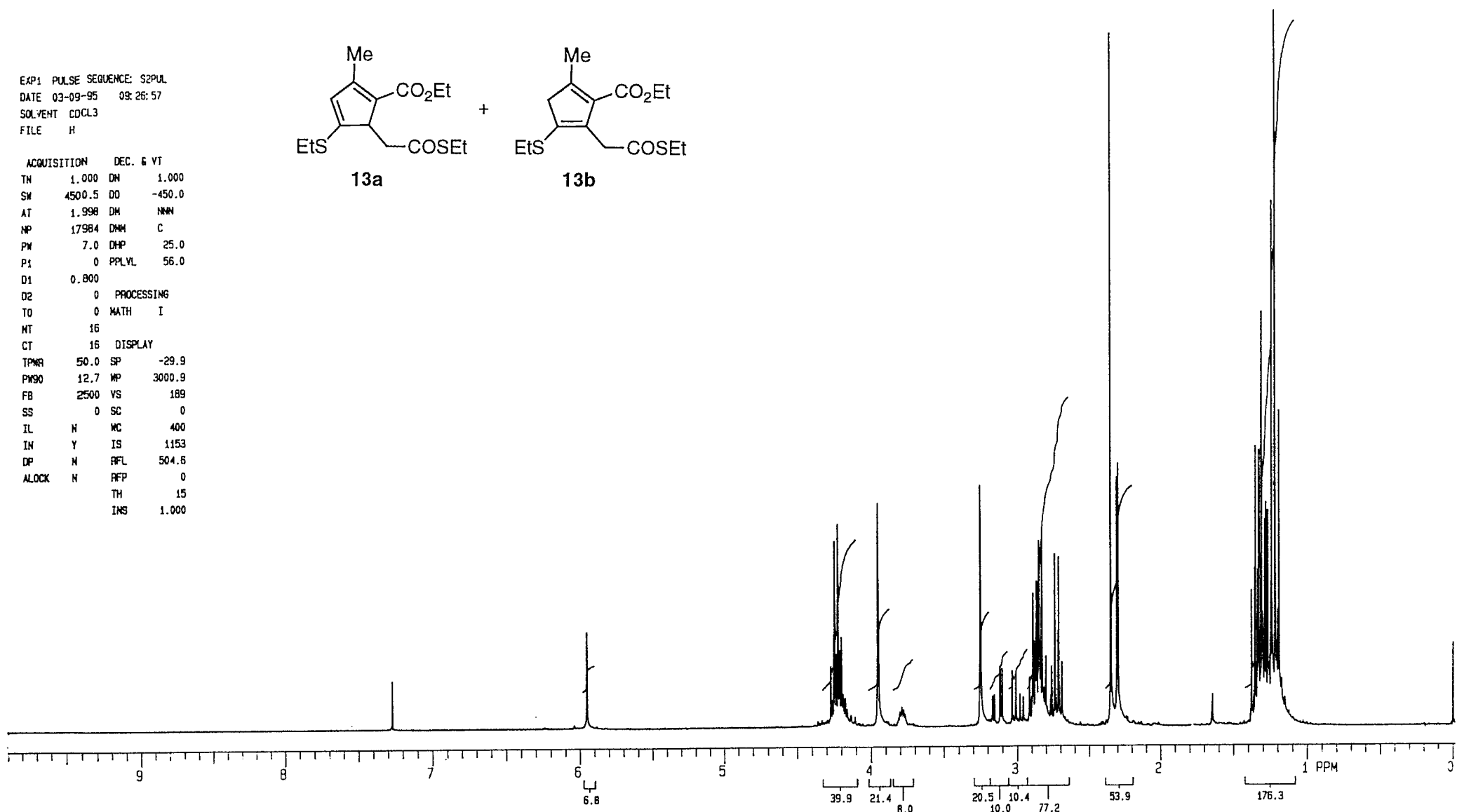
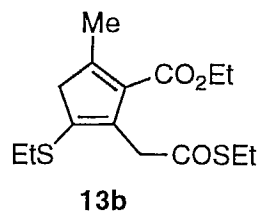


EAP1 PULSE SEQUENCE: S2PUL
 DATE 03-09-95 09:26:57
 SOLVENT CDCL3
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AT	1.998	DM	NNN
NP	17984	DMM	C
PM	7.0	DHP	25.0
P1	0	PPLVL	56.0
D1	0.800		
D2	0	PROCESSING	
TO	0	MATH	I
MT	16		
CT	16	DISPLAY	
TPMR	50.0	SP	-29.9
PM90	12.7	WP	3000.9
FB	2500	VS	189
SS	0	SC	0
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		INS	1.000

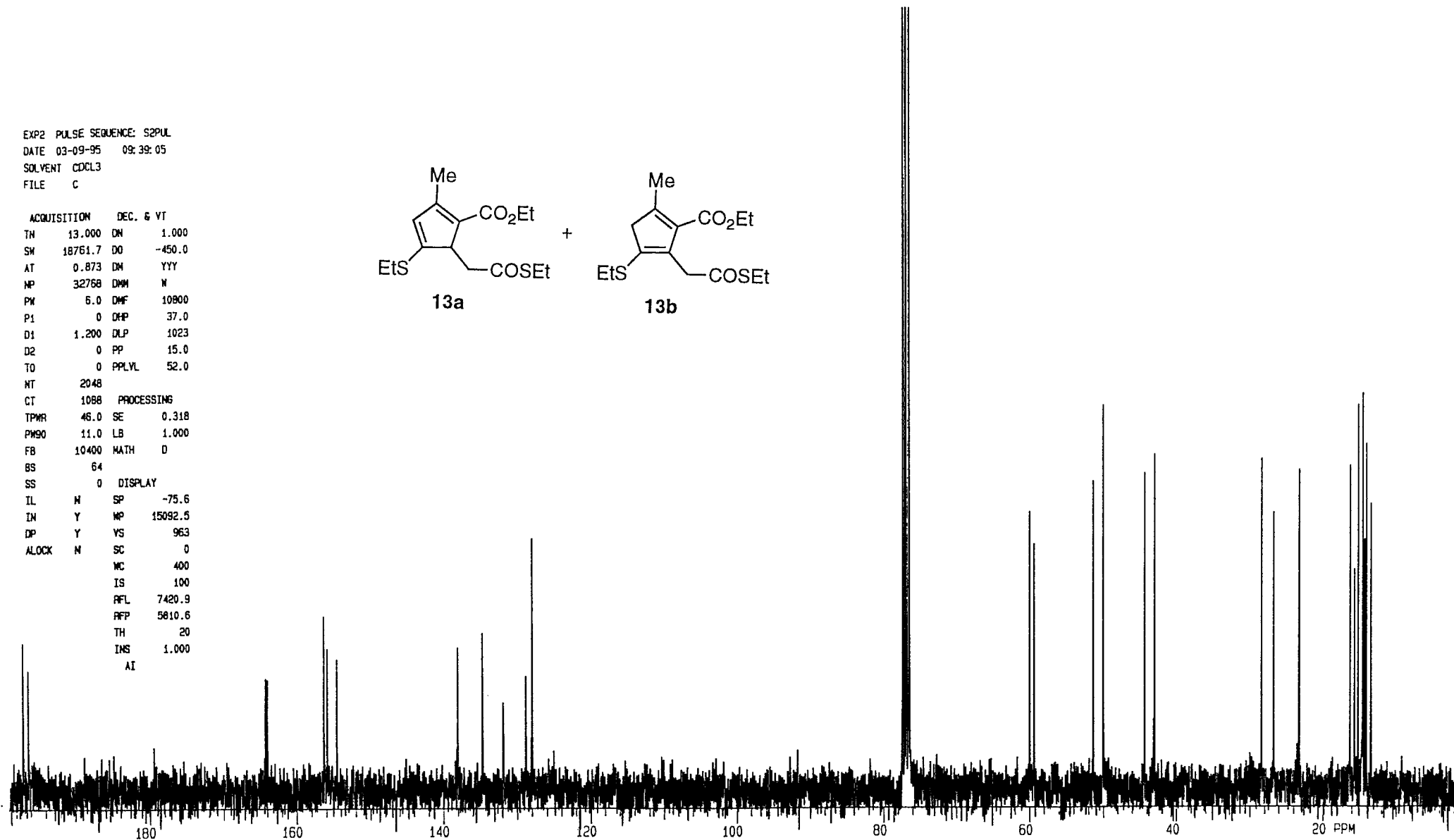
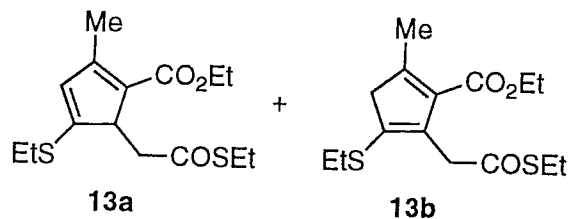


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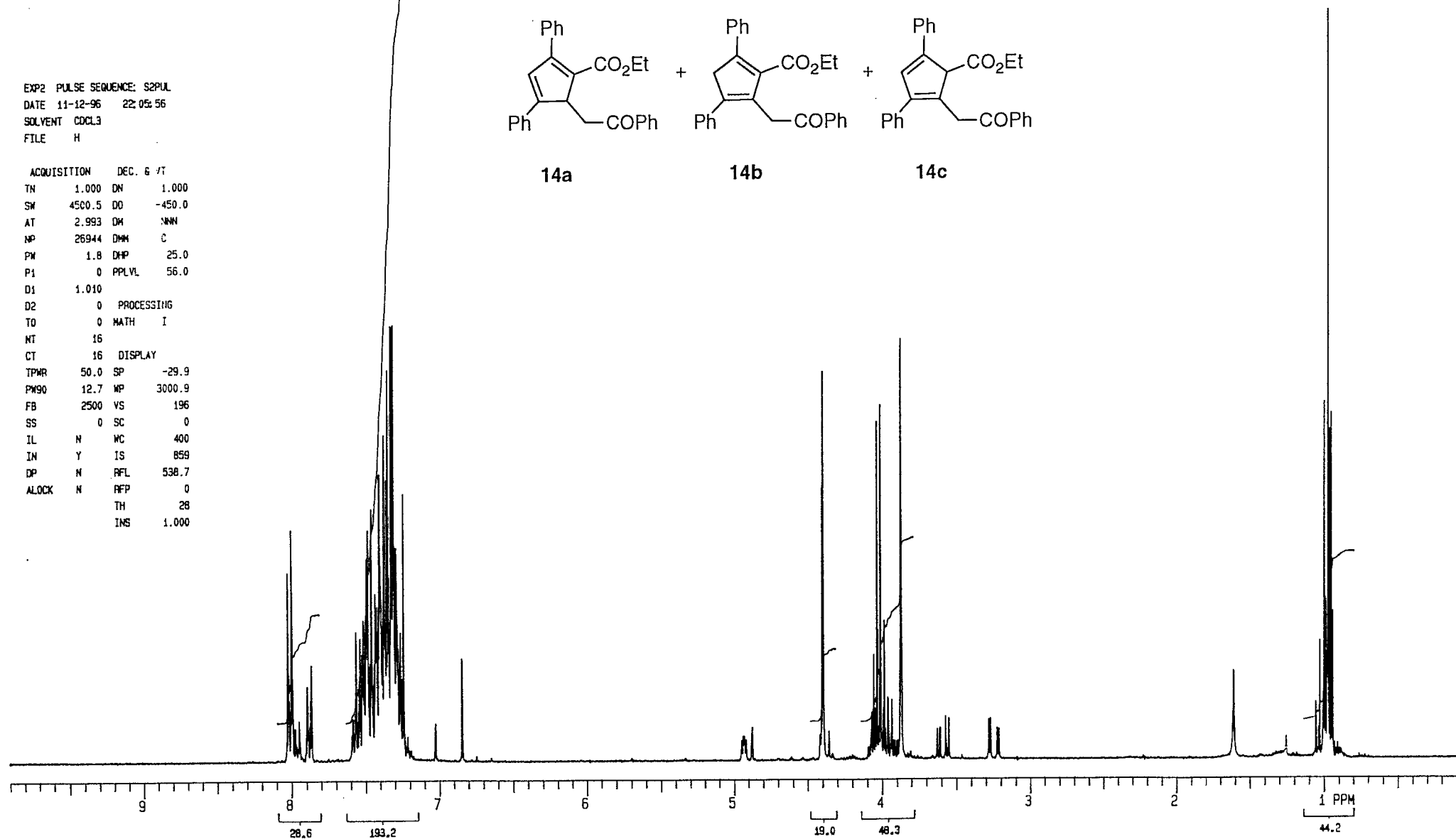
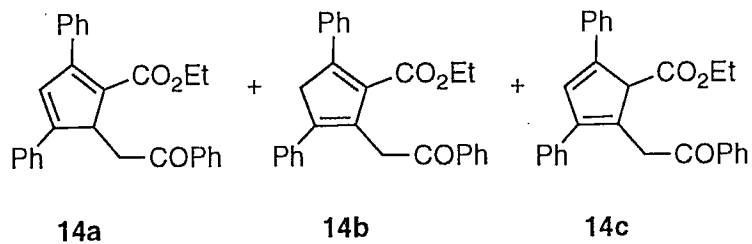
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 DATE 03-09-95 09:39:05
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ACQUISITION		DEC. & VT	
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SM	18761.7	DO	-450.0
AT	0.873	DM	YYY
MP	32768	DMM	N
PM	5.0	DMF	10800
P1	0	DMP	37.0
D1	1.200	DLP	1023
D2	0	PP	15.0
TO	0	PPLVL	52.0
NT	2048		
CT	1088	PROCESSING	
TPMR	46.0	SE	0.318
PW90	11.0	LB	1.000
FB	10400	MATH	D
BS	64		
SS	0	DISPLAY	
IL	N	SP	-75.6
IN	Y	MP	15092.5
DP	Y	VS	963
ALOCK	N	SC	0
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		IS	100
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		TH	20
		INS	1.000
		AI	

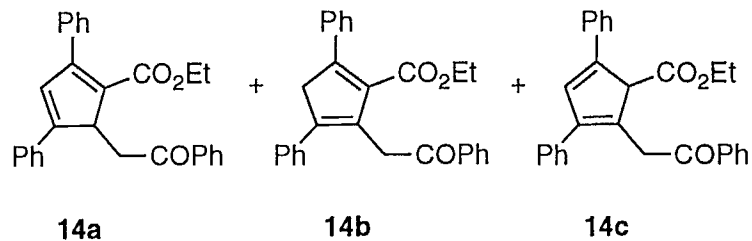


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 DATE 11-12-96 22:05:56
 SOLVENT CDCl3
 FILE H

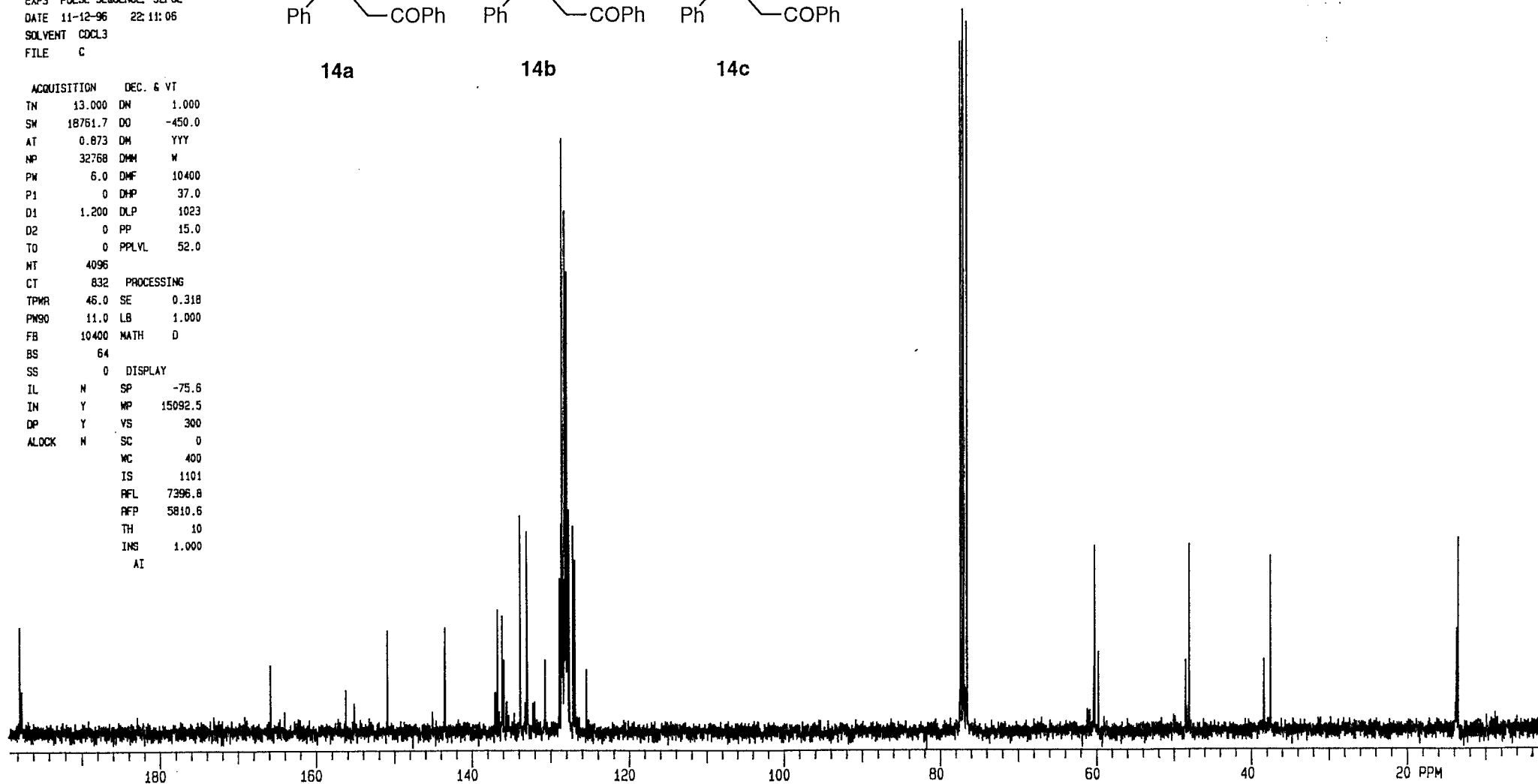
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 AT 2.993 DM NNN
 NP 26944 DMN C
 PW 1.8 DHP 25.0
 P1 0 PPLVL 56.0
 D1 1.010
 D2 0 PROCESSING
 T0 0 MATH I
 NT 16
 CT 16 DISPLAY
 TPWR 50.0 SP -29.9
 PM90 12.7 WP 3000.9
 FB 2500 VS 196
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 IL N WC 400
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 ALOCK N RFP 0
 TH 28
 INS 1.000

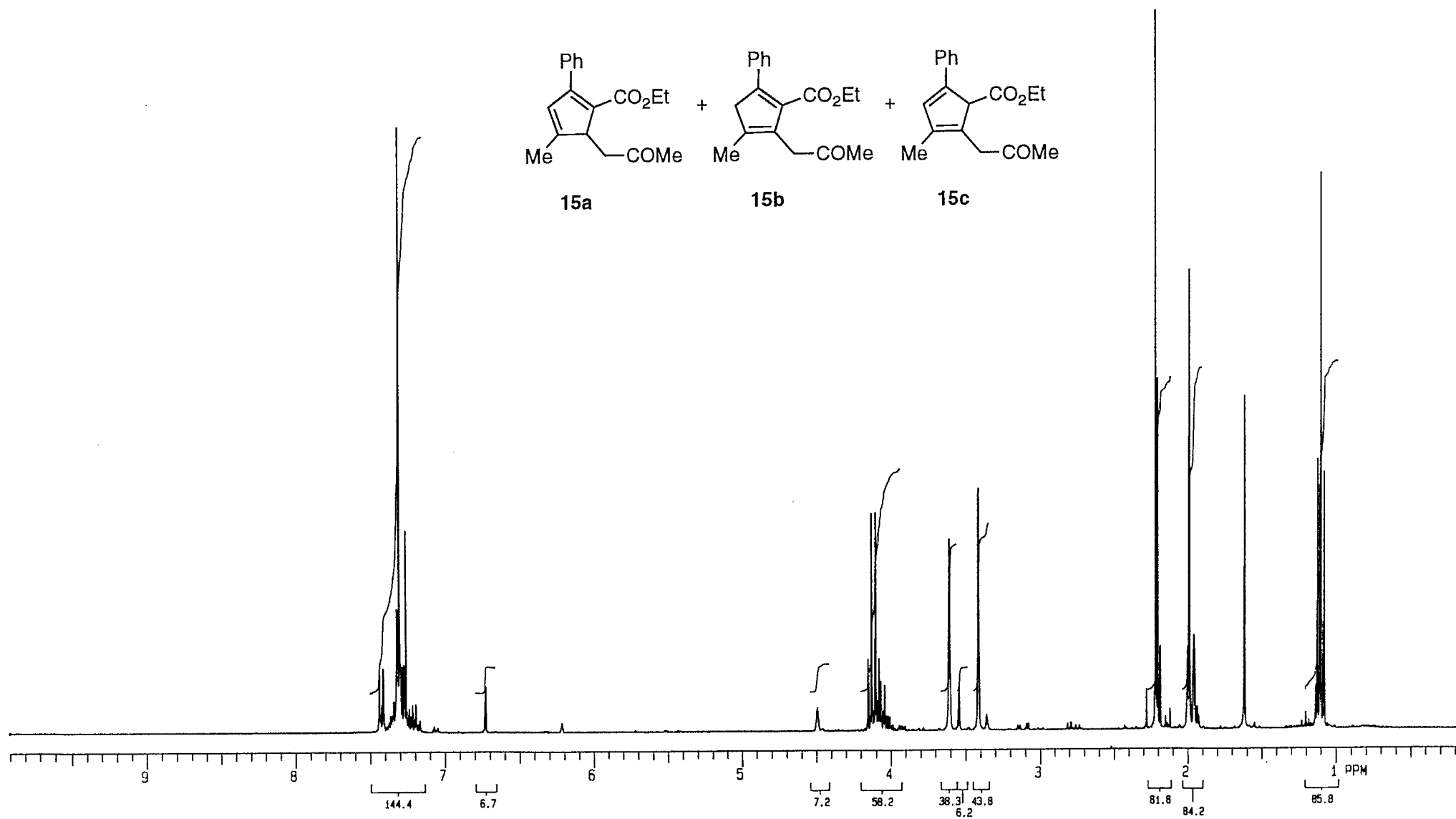
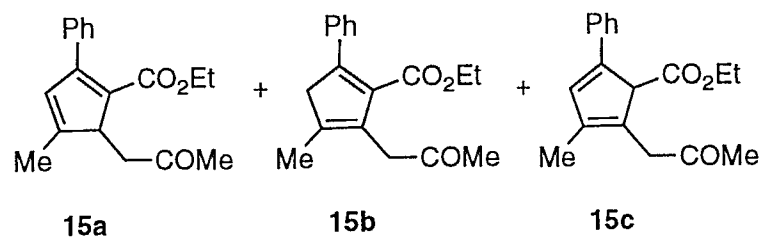


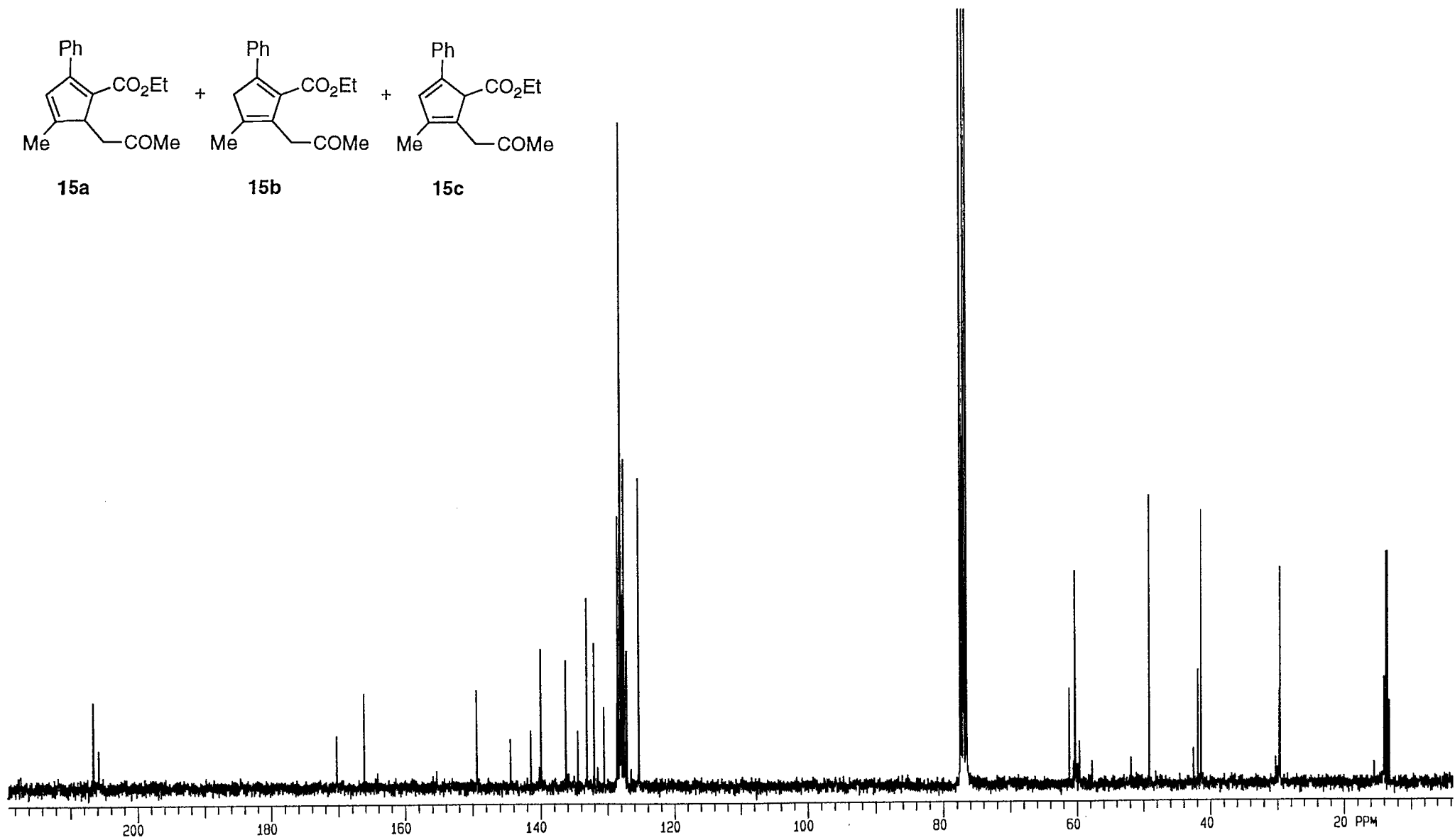
EXP3 PULSE SEQUENCE: S2PUL
 DATE 11-12-96 22:11:06
 SOLVENT CDCL3
 FILE C



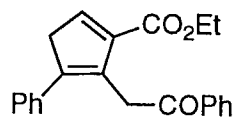
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NP	32768	DM	W
PW	6.0	DMF	10400
P1	0	DHP	37.0
D1	1.200	DLP	1023
D2	0	PP	15.0
TD	0	PPLVL	52.0
MT	4096		
CT	832	PROCESSING	
TPMR	46.0	SE	0.318
PNSO	11.0	LB	1.000
FB	10400	MATH	0
BS	64		
SS	0	DISPLAY	
IL	N	SP	-75.6
IN	Y	WP	15092.5
DP	Y	VS	300
ALOCK	W	SC	0
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		RFP	5810.6
		TH	10
		INS	1.000
		AI	





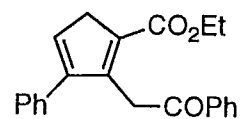


EXP2 PULSE SEQUENCE: S2PUL
 DATE 05-12-96 17:56:02
 SOLVENT CDCL3
 FILE H



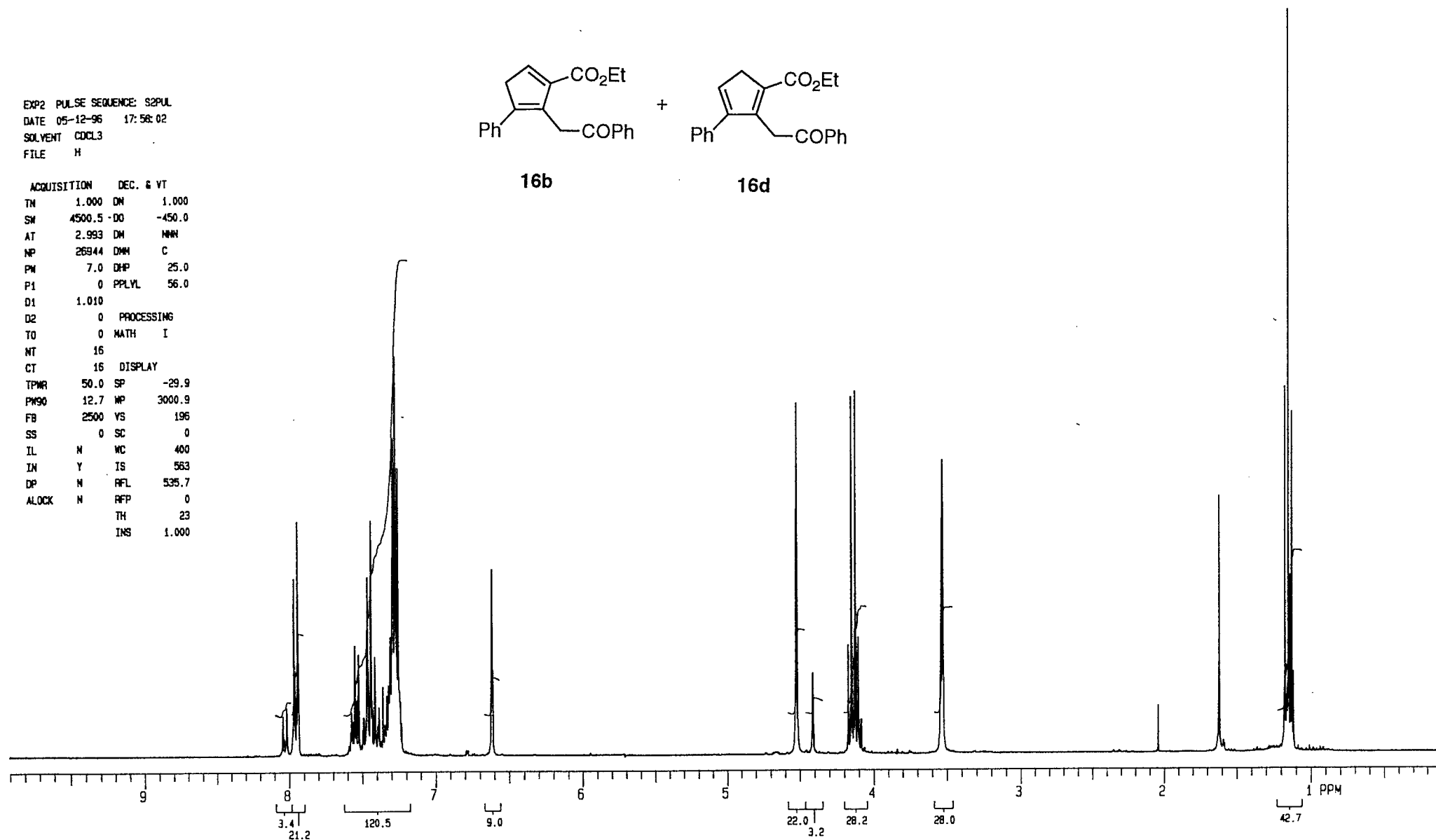
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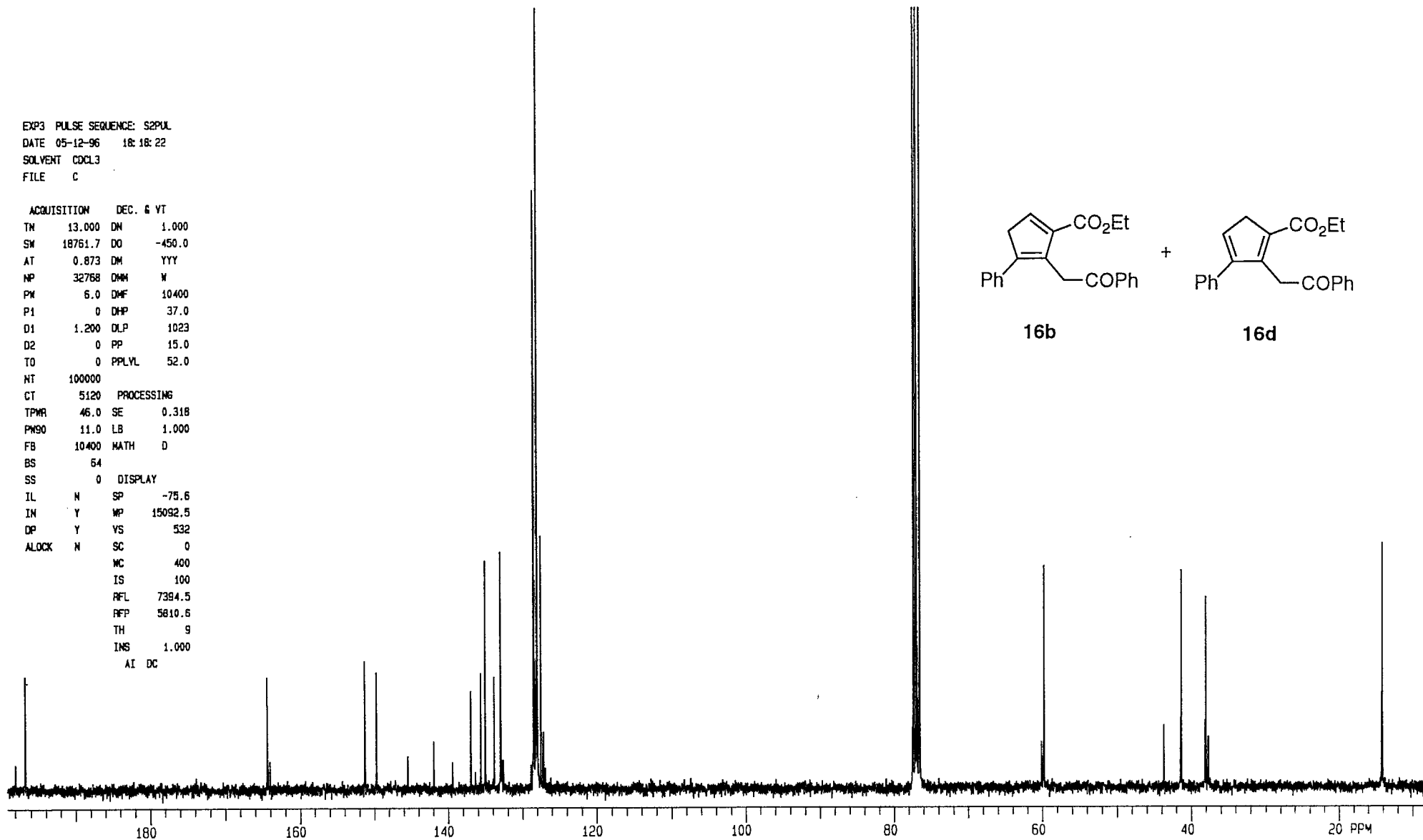
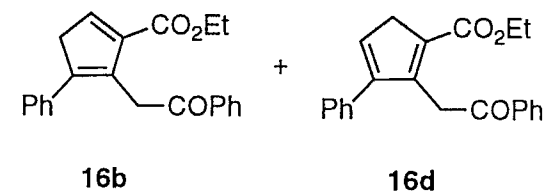
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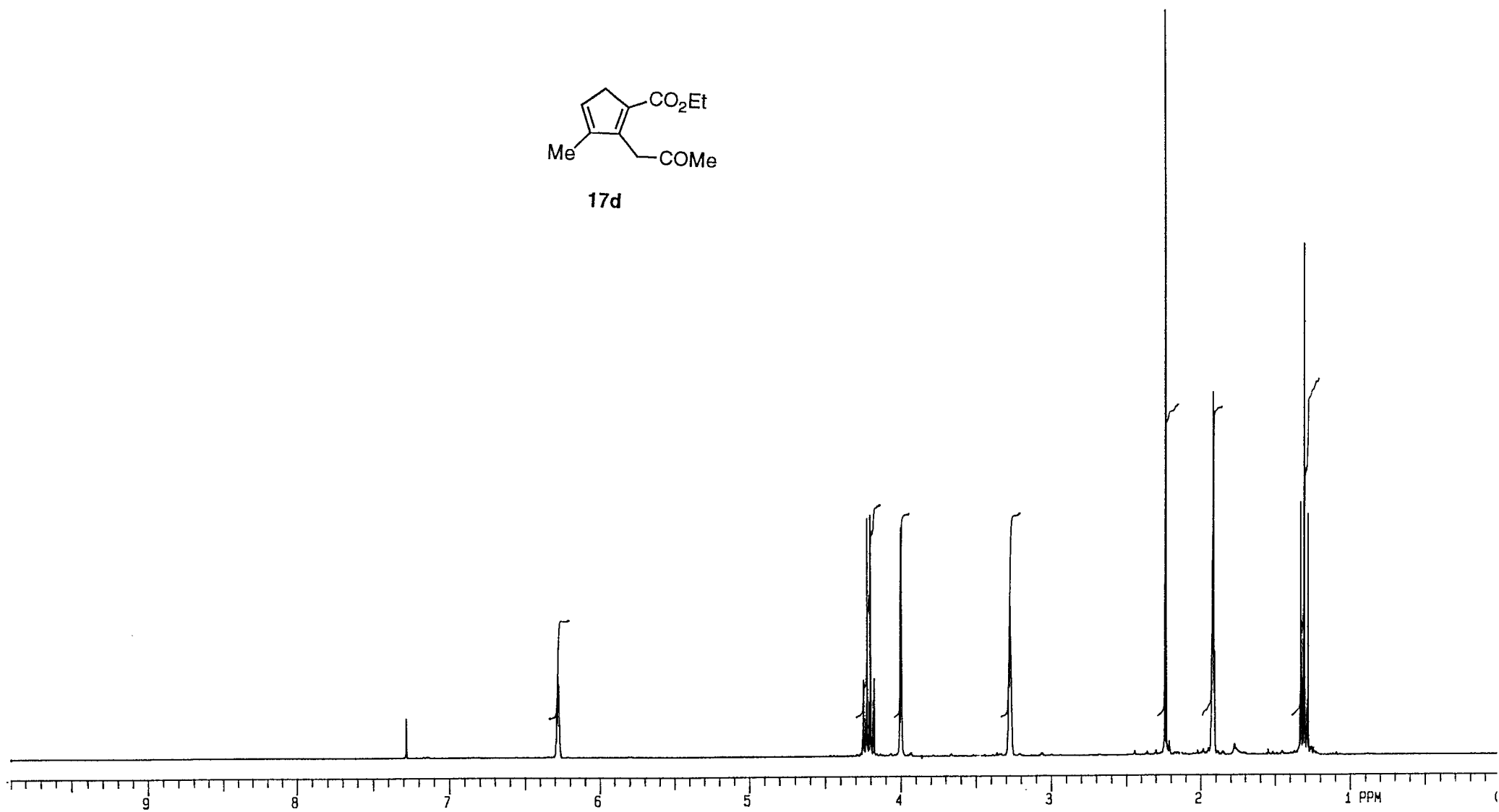
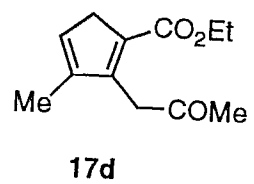
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NP	26944	DMH	C
PM	7.0	DHP	25.0
P1	0	PPLVL	56.0
D1	1.010		
D2	0	PROCESSING	
T0	0	MATH	I
NT	16		
CT	16	DISPLAY	
TPMR	50.0	SP	-29.9
PK90	12.7	MP	3000.9
FB	2500	YS	196
SS	0	SC	0
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		INS	1.000

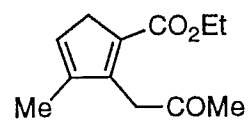


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 DATE 05-12-96 18:18:22
 SOLVENT CDCL3
 FILE C

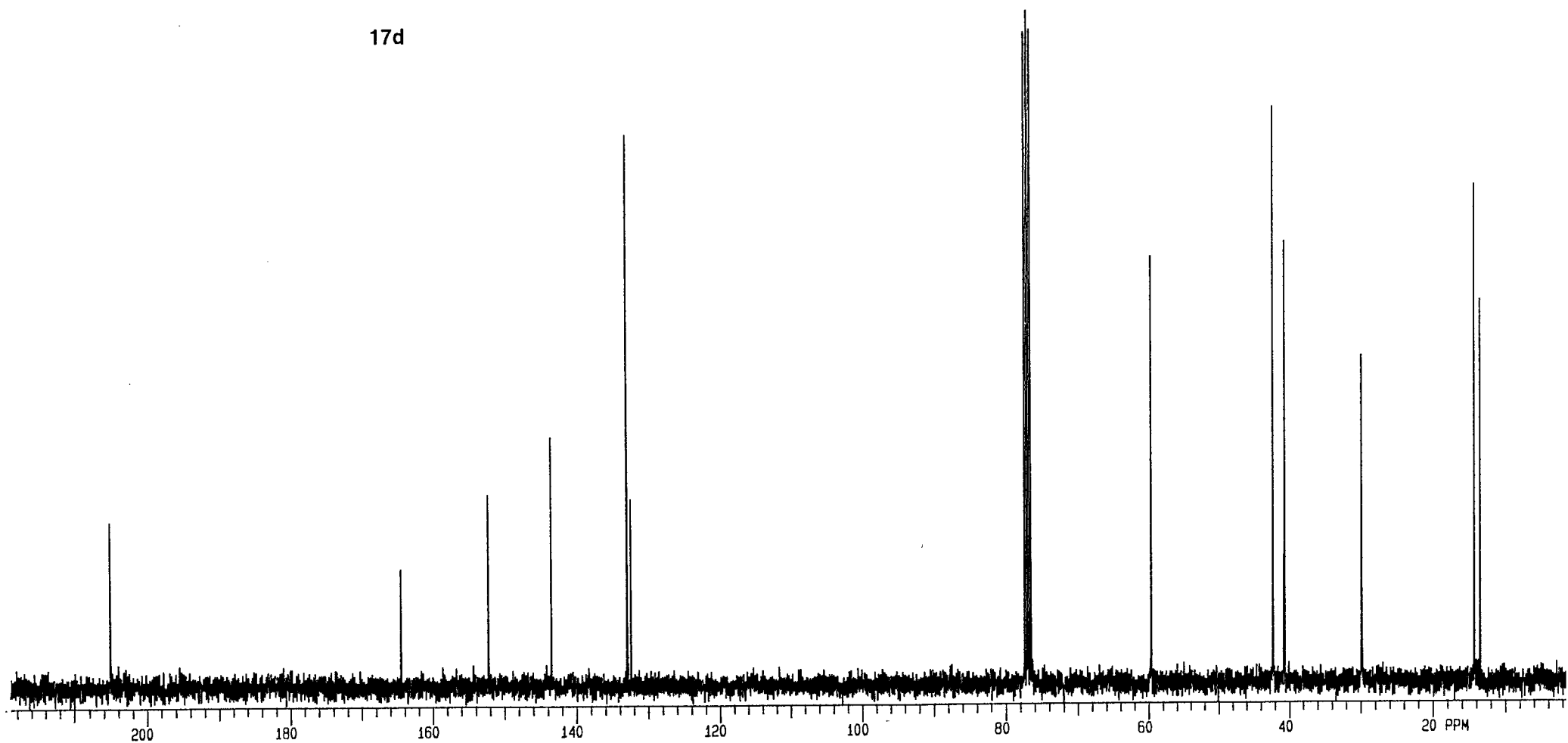
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SW	18761.7	DO	-450.0
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NP	32768	DMH	W
PM	6.0	DMF	10400
P1	0	DHP	37.0
D1	1.200	DLP	1023
D2	0	PP	15.0
T0	0	PPLVL	52.0
NT	100000		
CT	5120	PROCESSING	
TPMR	46.0	SE	0.318
PW90	11.0	LB	1.000
FB	10400	MATH	D
BS	64		
SS	0	DISPLAY	
IL	N	SP	-75.6
IN	Y	WP	15092.5
DP	Y	YS	532
ALOCK	N	SC	0
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		RFP	5810.6
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		INS	1.000
		AI	DC





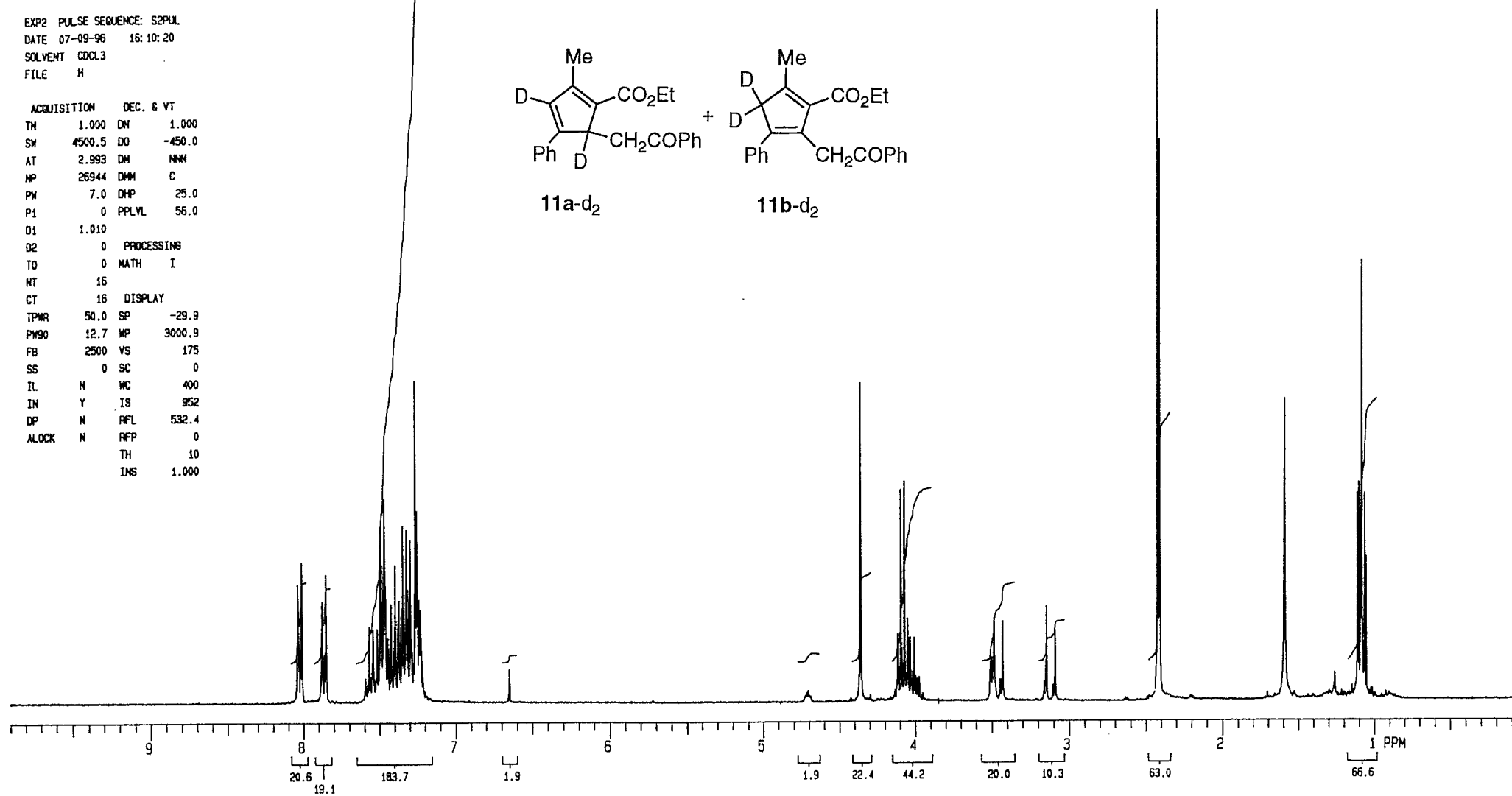
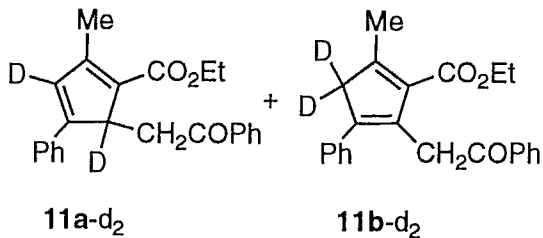


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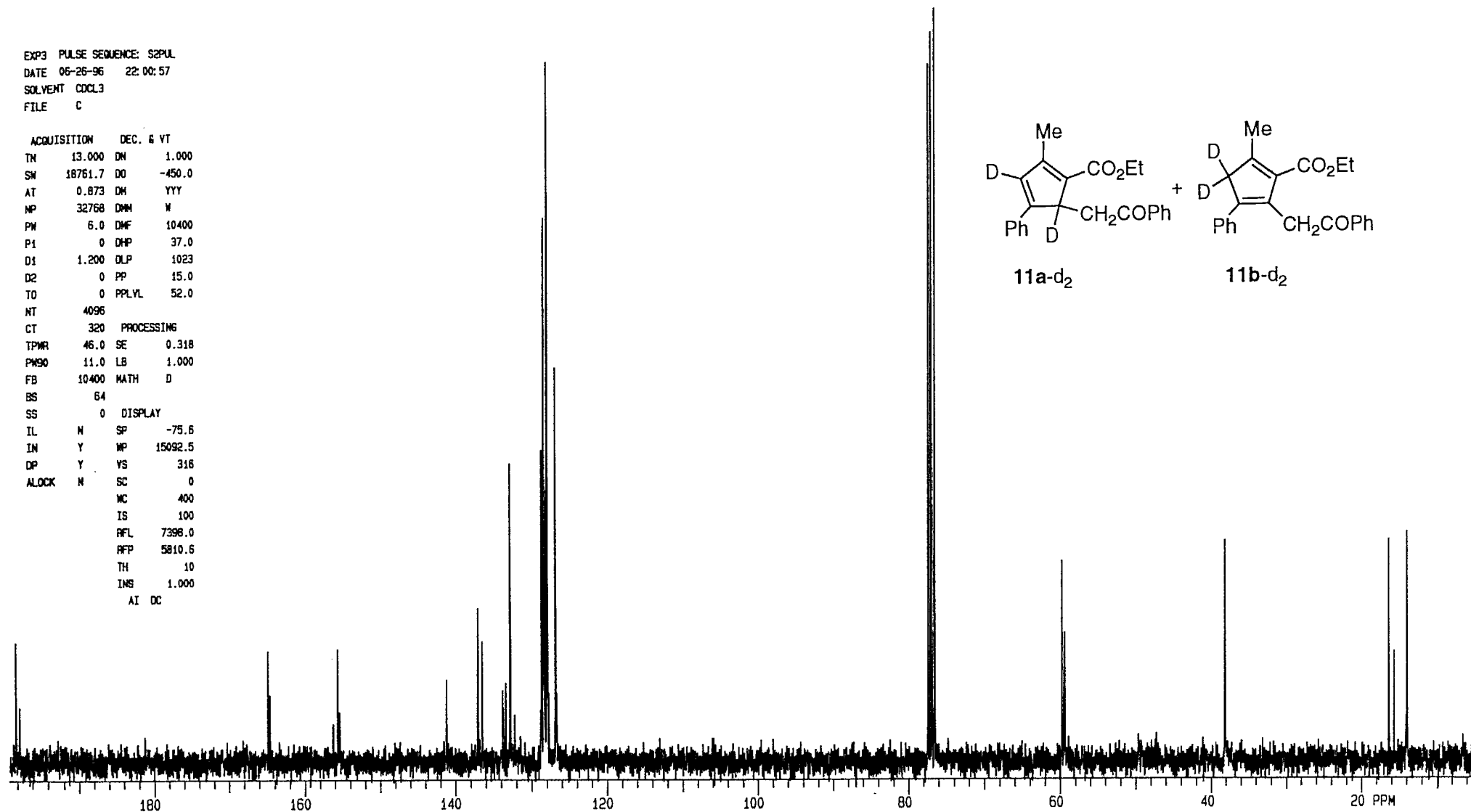
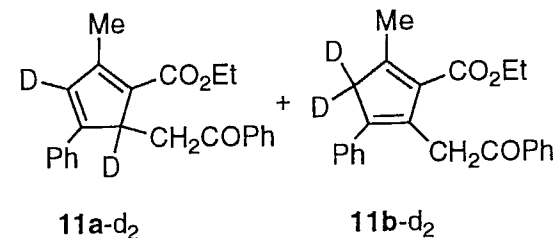
EXP2 PULSE SEQUENCE: S2PUL
 DATE 07-09-96 16:10:20
 SOLVENT CDCl3
 FILE H

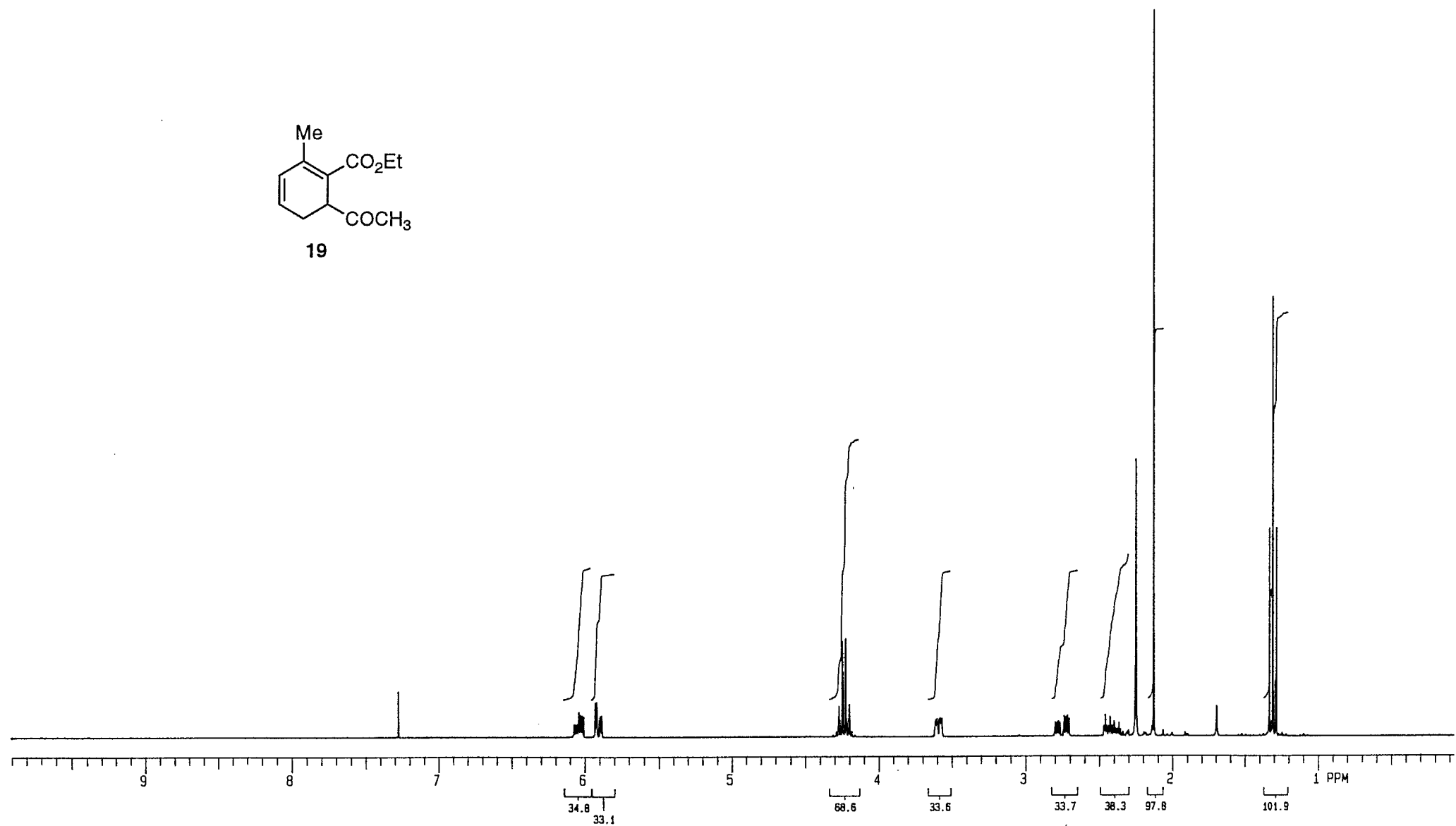
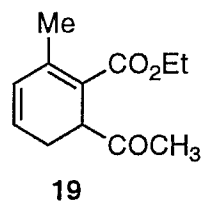
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AT	2.993	DM	NNN
NP	26944	DHM	C
PW	7.0	DHP	25.0
P1	0	PPLVL	56.0
D1	1.010		
D2	0	PROCESSING	
TD	0	MATH	I
NT	16		
CT	16	DISPLAY	
TPMR	50.0	SP	-29.9
PH90	12.7	MP	3000.9
FB	2500	VS	175
SS	0	SC	0
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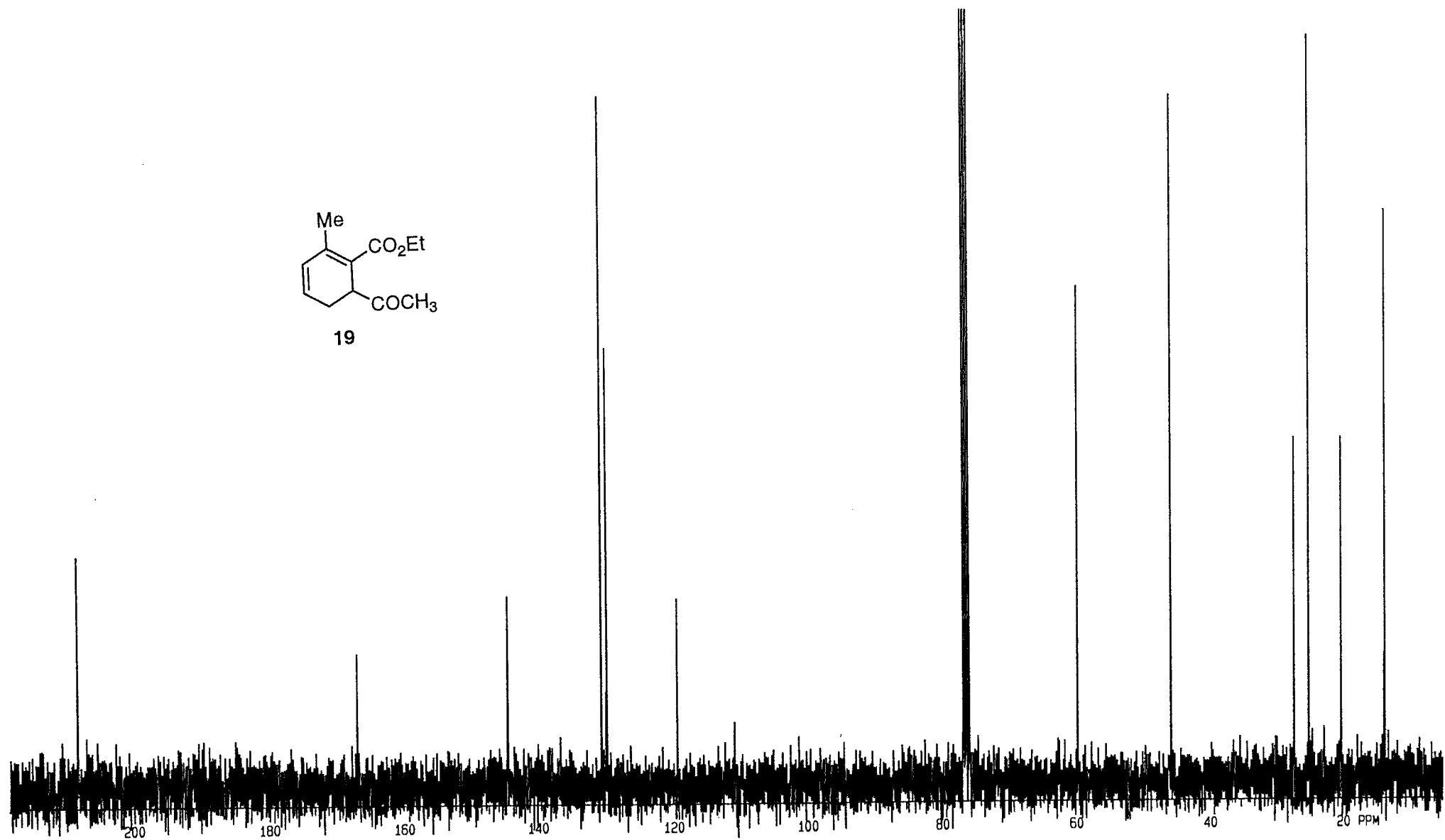
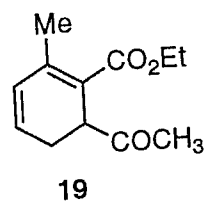


EXP3 PULSE SEQUENCE: S2PUL
 DATE 06-26-96 22:00:57
 SOLVENT CDCL3
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SN	18761.7	DO	-450.0
AT	0.873	DM	YYY
MP	32768	DMH	M
PM	6.0	DMF	10400
P1	0	DHP	37.0
D1	1.200	OLP	1023
D2	0	PP	15.0
TO	0	PPLVL	52.0
NT	4096		
CT	320	PROCESSING	
TPMR	46.0	SE	0.318
PM90	11.0	LB	1.000
FB	10400	MATH	D
BS	64		
SS	0	DISPLAY	
IL	N	SP	-75.6
IN	Y	MP	15092.5
DP	Y	YS	316
ALOCK	N	SC	0
		MC	400
		IS	100
		RFL	7398.0
		RFP	5810.6
		TH	10
		INS	1.000
		AI	DC

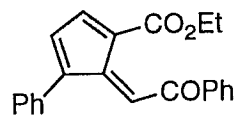




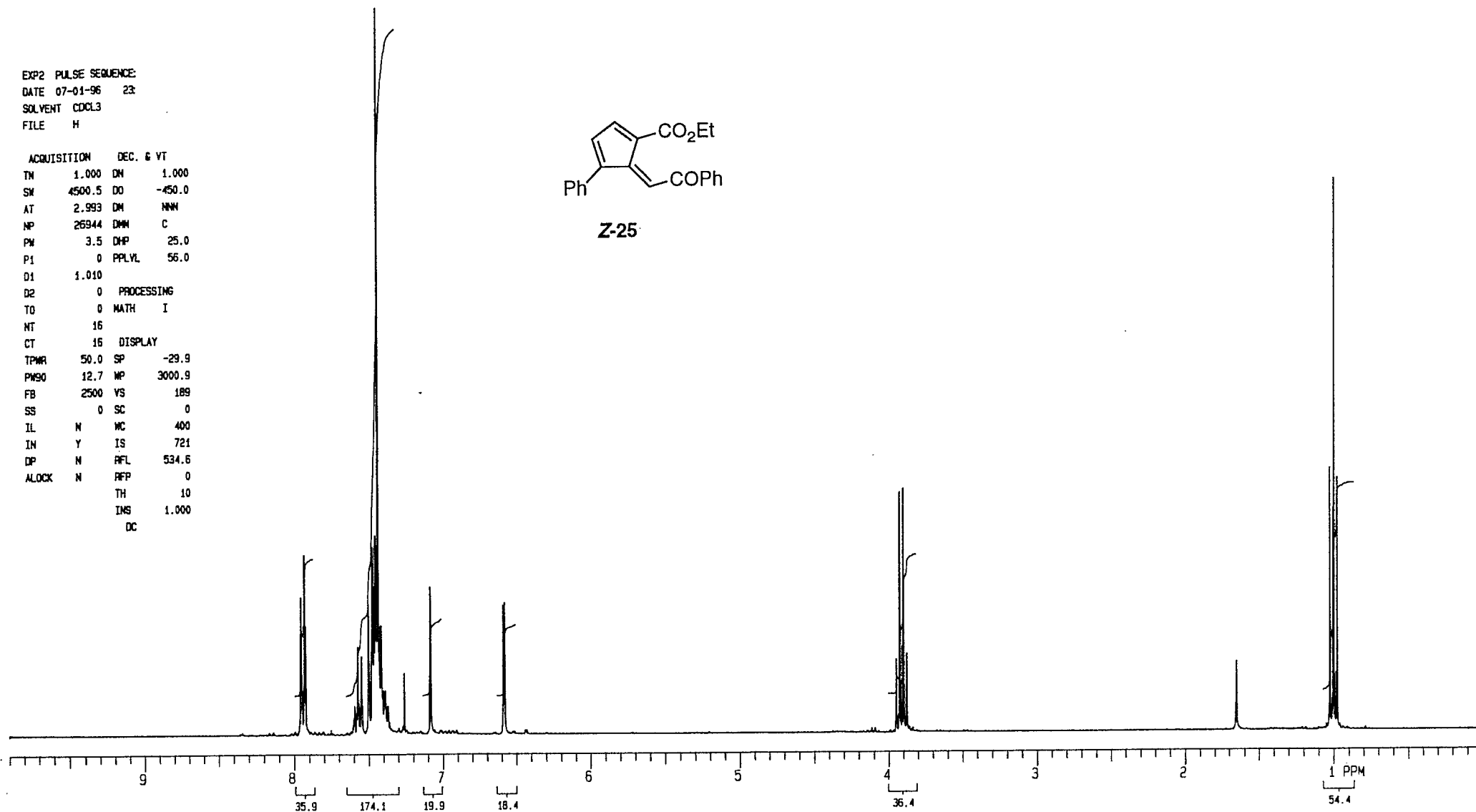


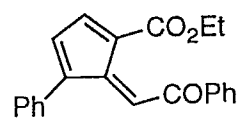
EXP2 PULSE SEQUENCE:
 DATE 07-01-96 23:
 SOLVENT CDCl3
 FILE H

ACQUISITION		DEC. & VT	
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SN	4500.5	DO	-450.0
AT	2.993	DM	NNN
NP	26944	DMH	C
PN	3.5	DHP	25.0
P1	0	PPLVL	56.0
D1	1.010		
D2	0	PROCESSING	
T0	0	MATH	I
NT	16		
CT	16	DISPLAY	
TPMR	50.0	SP	-29.9
PWS0	12.7	WP	3000.9
FB	2500	VS	189
SS	0	SC	0
IL	N	WC	400
IN	Y	IS	721
DP	N	RFL	534.6
ALOCK	N	RFP	0
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		DC	

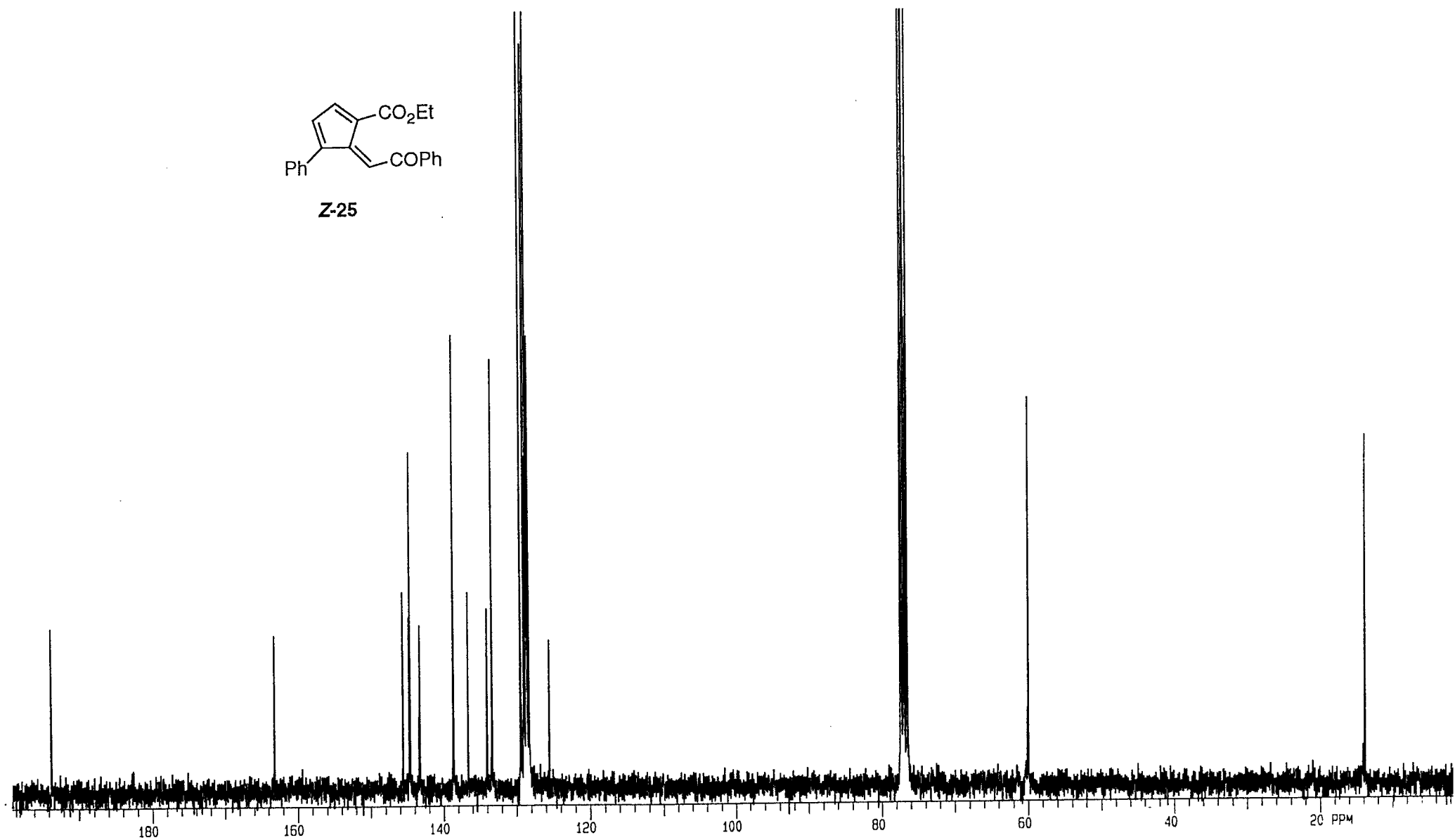


Z-25



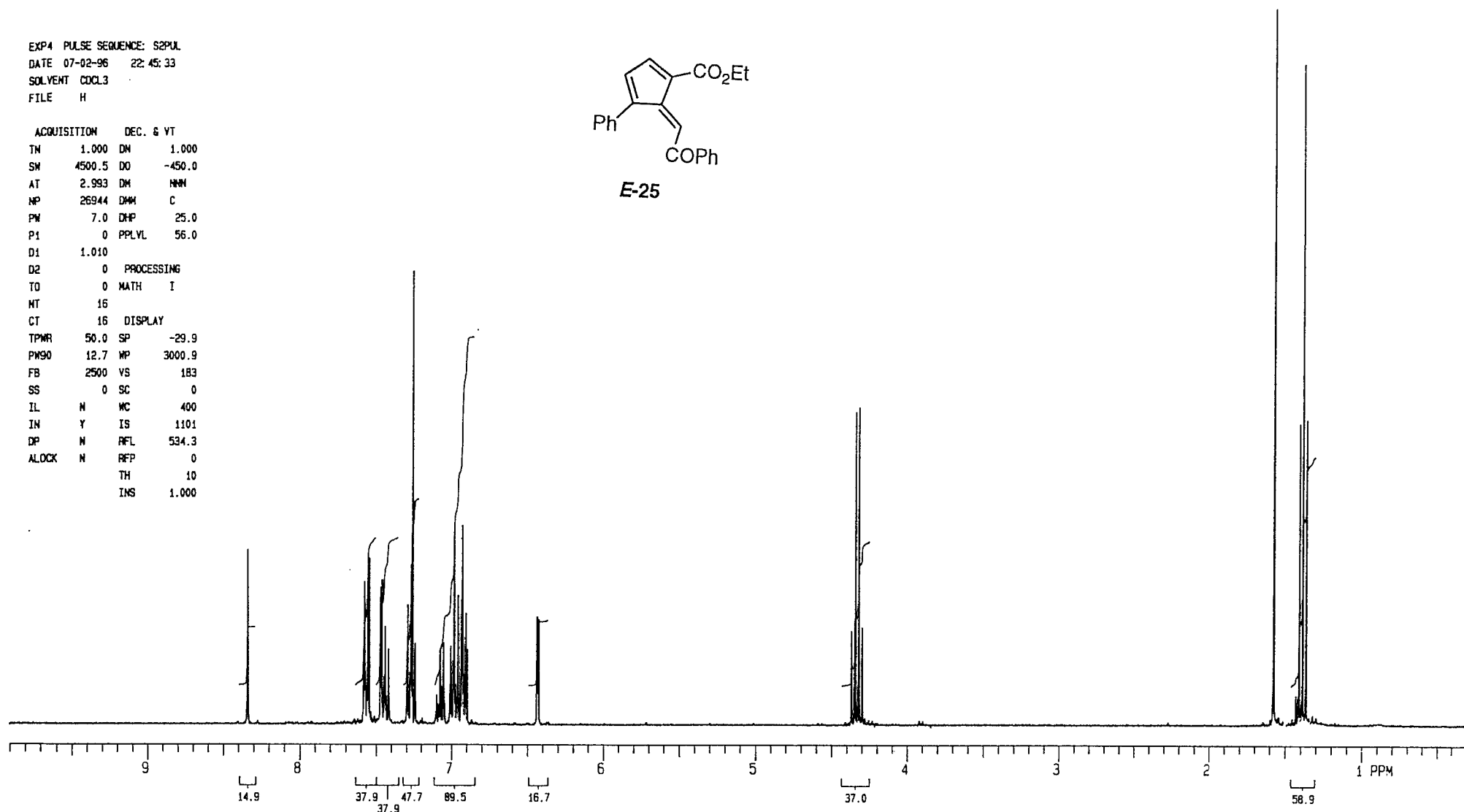
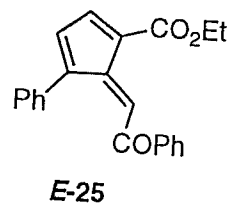


Z-25



EXP4 PULSE SEQUENCE: S2PUL
 DATE 07-02-96 22:45:33
 SOLVENT CDCL3
 FILE H

ACQUISITION		DEC. & VT	
TM	1.000	DM	1.000
SW	4500.5	DO	-450.0
AT	2.993	DM	NNN
NP	26944	DM	C
PM	7.0	DHP	25.0
P1	0	PPLVL	56.0
D1	1.010		
D2	0	PROCESSING	
TO	0	MATH	I
MT	16		
CT	16	DISPLAY	
TPMR	50.0	SP	-29.9
PW90	12.7	WP	3000.9
FB	2500	VS	183
SS	0	SC	0
IL	N	MC	400
IN	Y	IS	1101
DP	N	RFL	534.3
ALOCK	N	RFP	0
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		INS	1.000

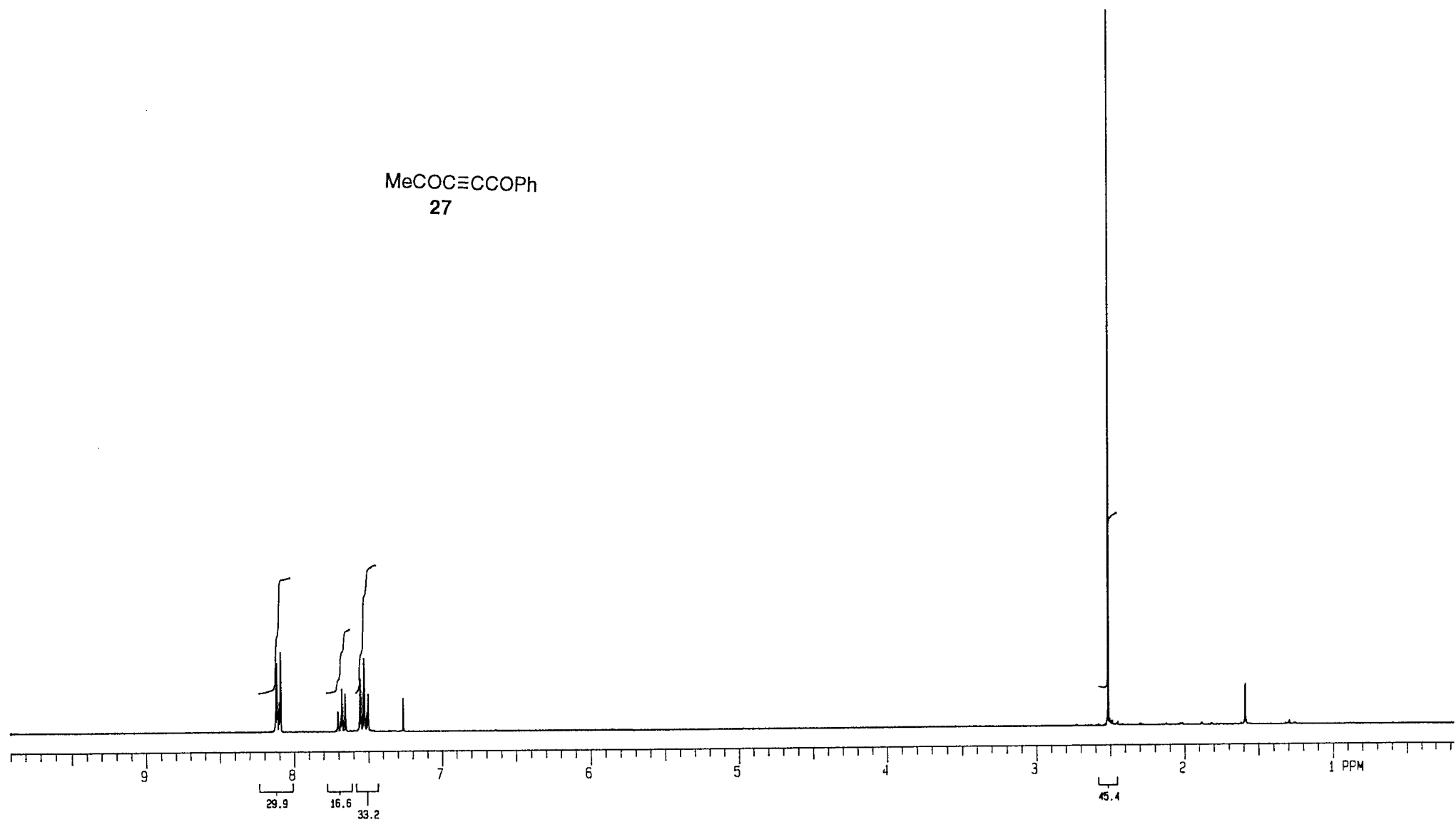


FILE C

AI DC



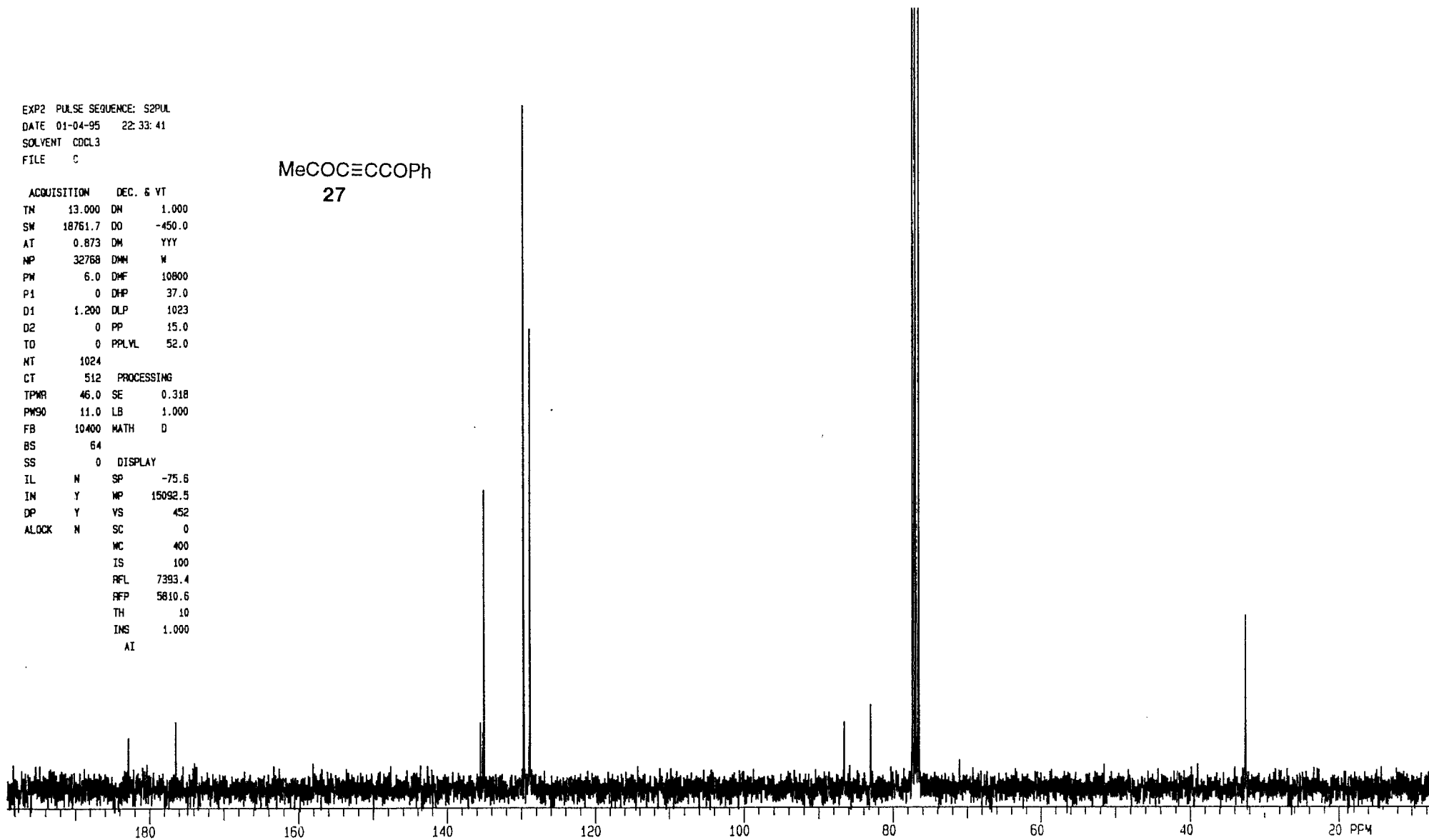
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27

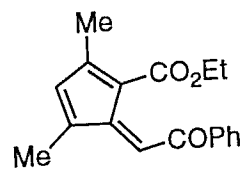


EXP2 PULSE SEQUENCE: S2PUL
 DATE 01-04-95 22:33:41
 SOLVENT CDCL3
 FILE C

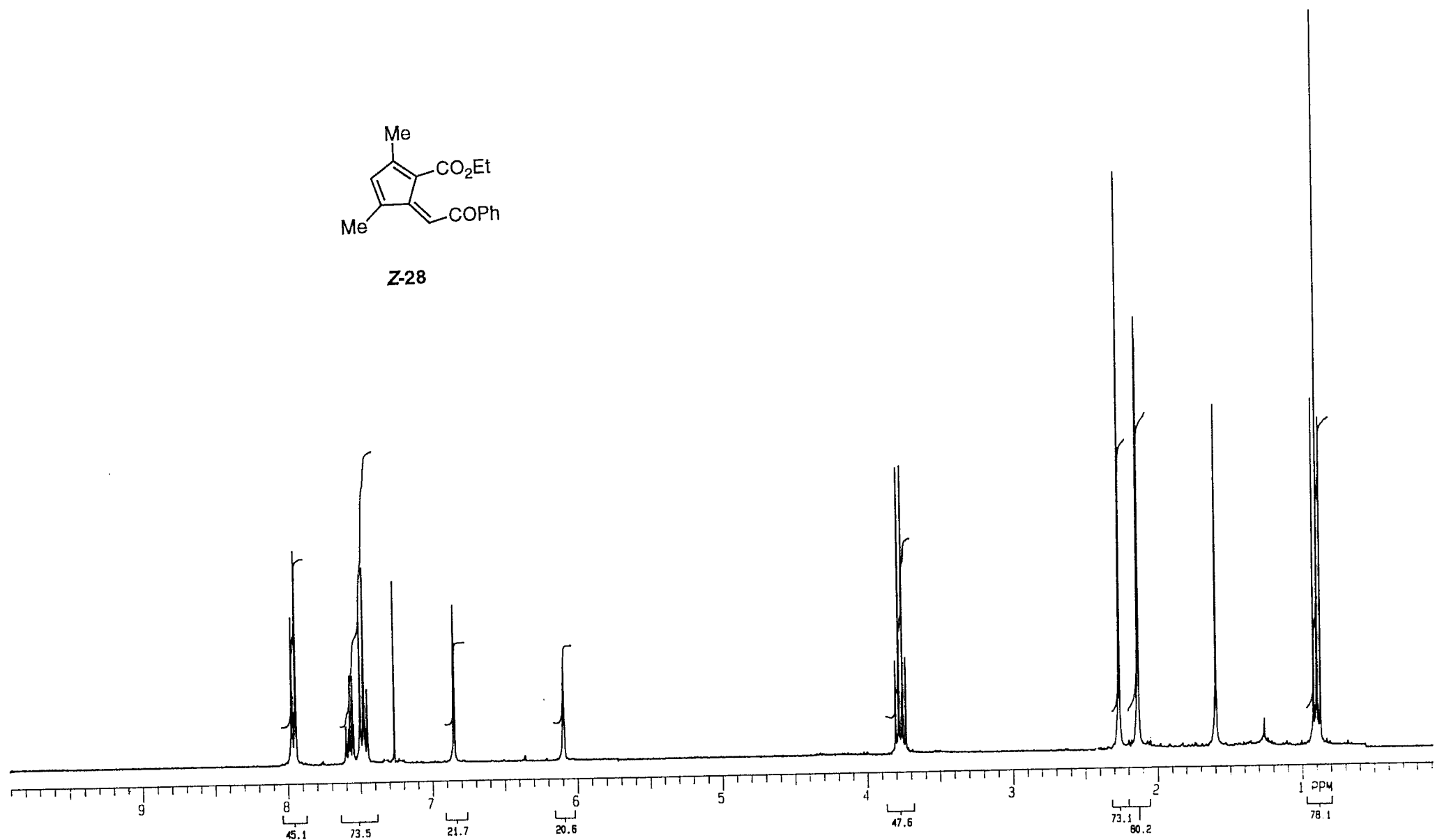
MeCOC≡CCOPh
 27

ACQUISITION		DEC. & VT	
TN	13.000	DM	1.000
SN	18761.7	DO	-450.0
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NP	32768	DMH	N
PW	6.0	DMF	10800
P1	0	DHP	37.0
D1	1.200	DLP	1023
D2	0	PP	15.0
TD	0	PPLVL	52.0
NT	1024		
CT	512	PROCESSING	
TPMR	46.0	SE	0.318
PW90	11.0	LB	1.000
FB	10400	MATH	D
BS	64		
SS	0	DISPLAY	
IL	N	SP	-75.6
IN	Y	WP	15092.5
DP	Y	VS	452
ALOCK	N	SC	0
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		IS	100
		RFL	7393.4
		RFP	5810.6
		TH	10
		INS	1.000
		AI	

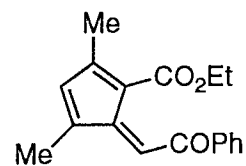




Z-28

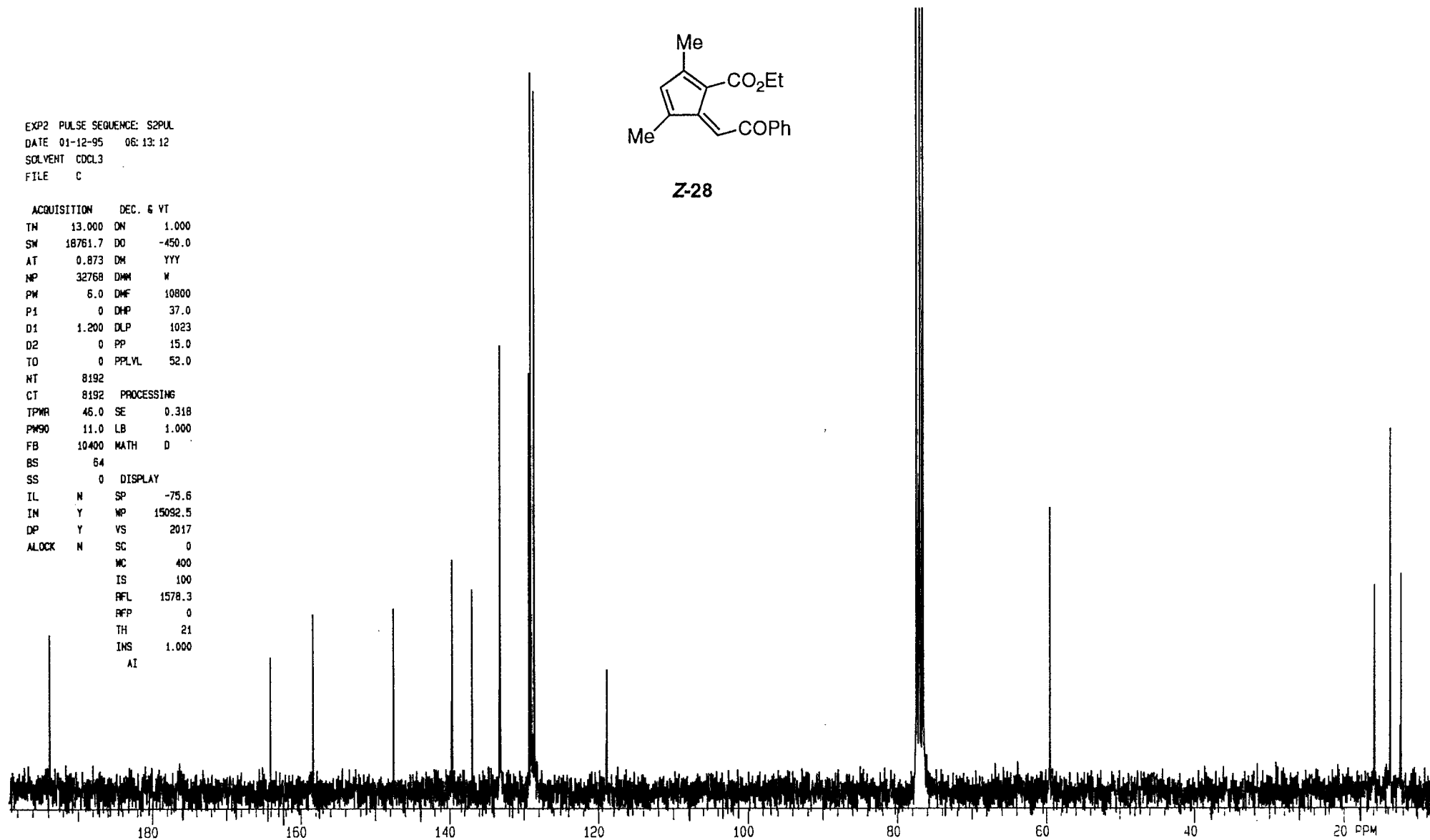


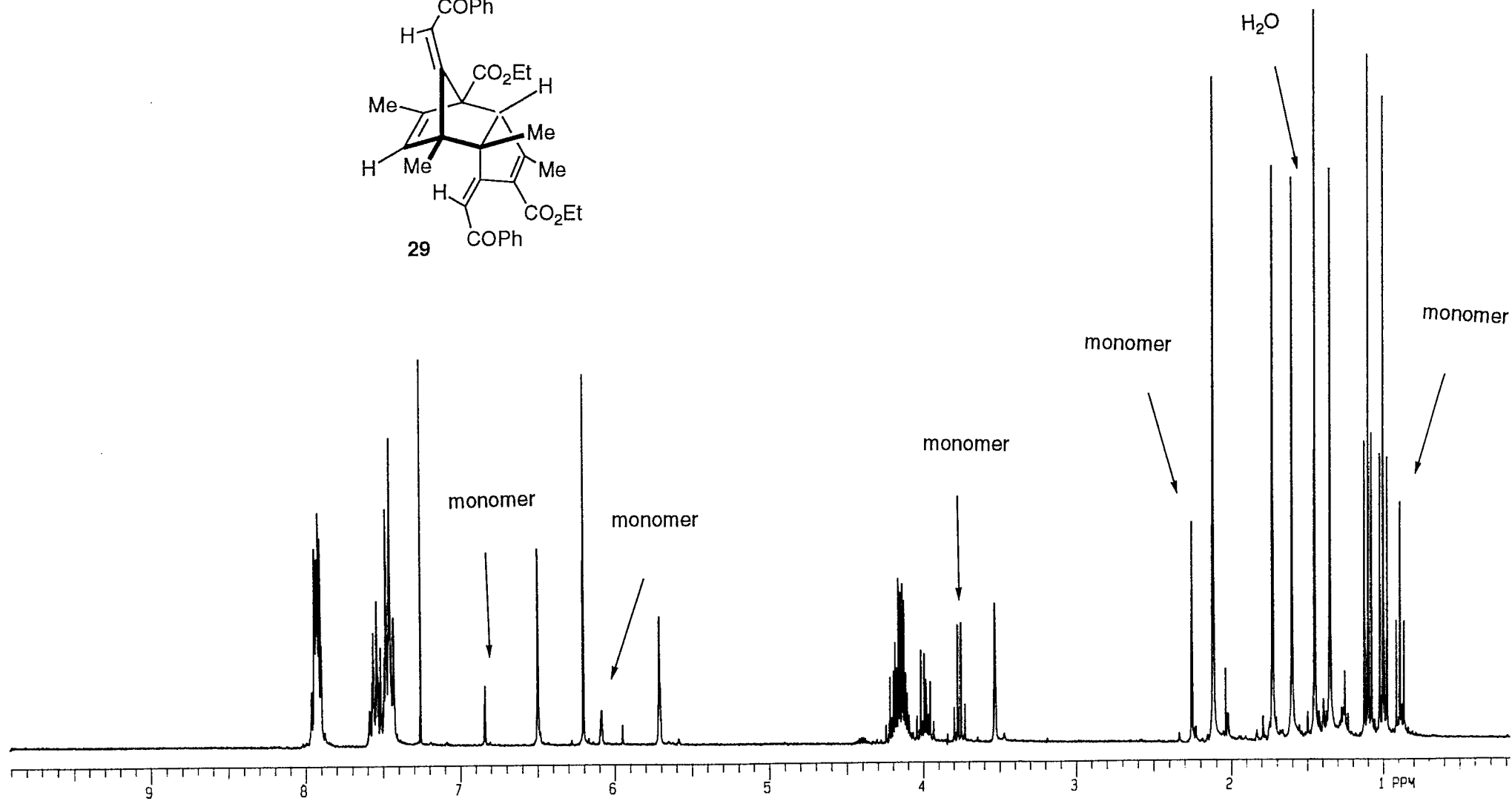
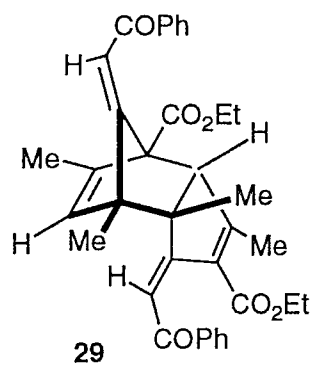
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 DATE 01-12-95 06:13:12
 SOLVENT CDCL3
 FILE C



Z-28

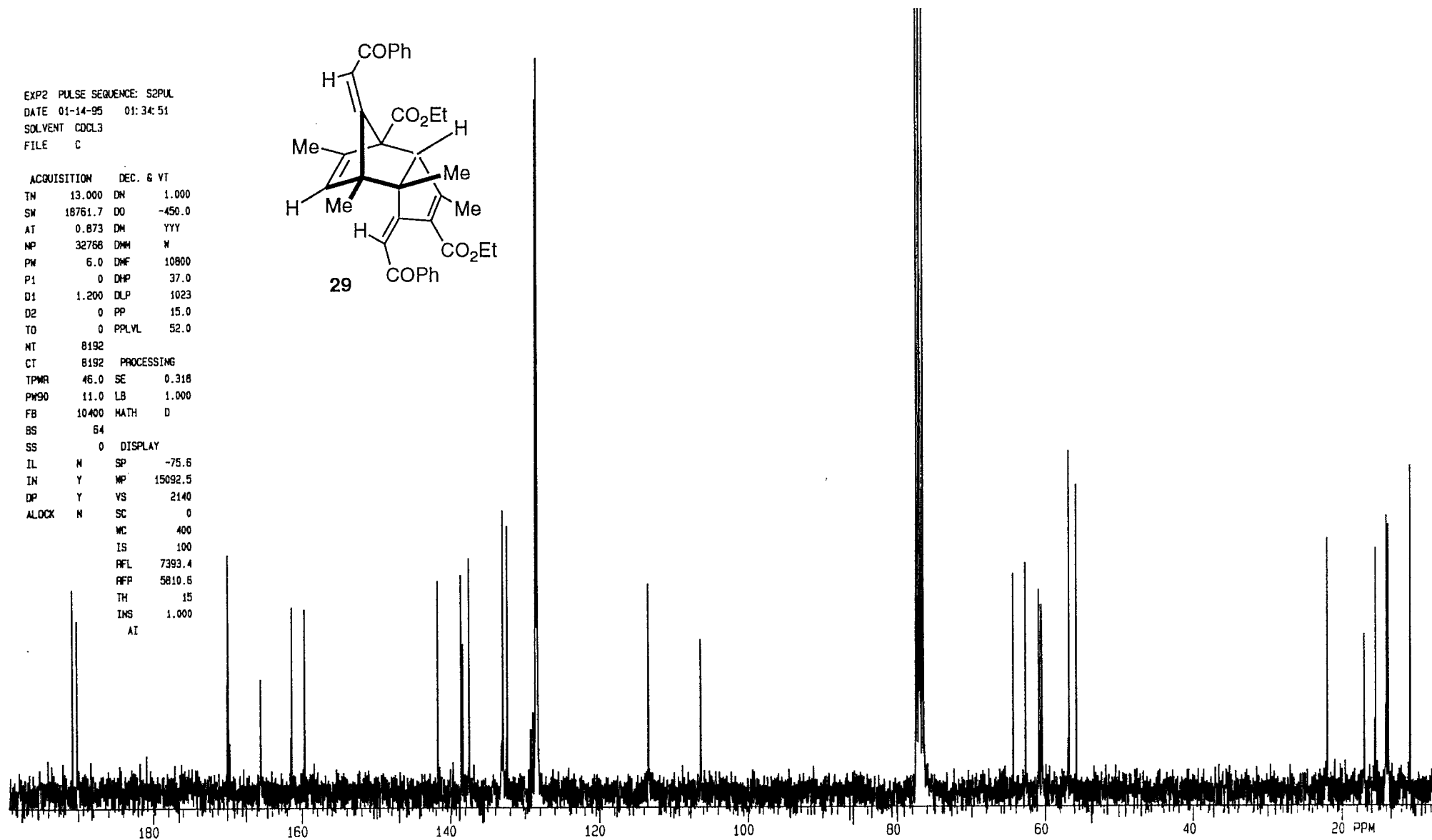
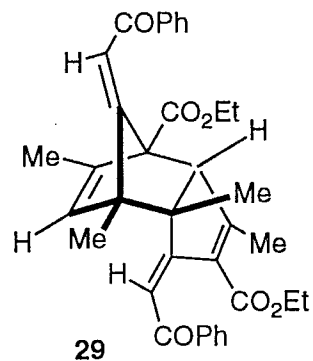
ACQUISITION		DEC. & VT	
TM	13.000	DN	1.000
SN	18761.7	DO	-450.0
AT	0.873	DM	YYY
NP	32768	DMM	W
PW	6.0	DMF	10800
P1	0	DHP	37.0
D1	1.200	DLP	1023
D2	0	PP	15.0
TD	0	PPLVL	52.0
NT	8192		
CT	8192	PROCESSING	
TPWR	45.0	SE	0.318
PW90	11.0	LB	1.000
FB	10400	MATH	D
BS	64		
SS	0	DISPLAY	
IL	N	SP	-75.6
IN	Y	WP	15092.5
DP	Y	VS	2017
ALOCK	N	SC	0
		MC	400
		IS	100
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		TH	21
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		AI	





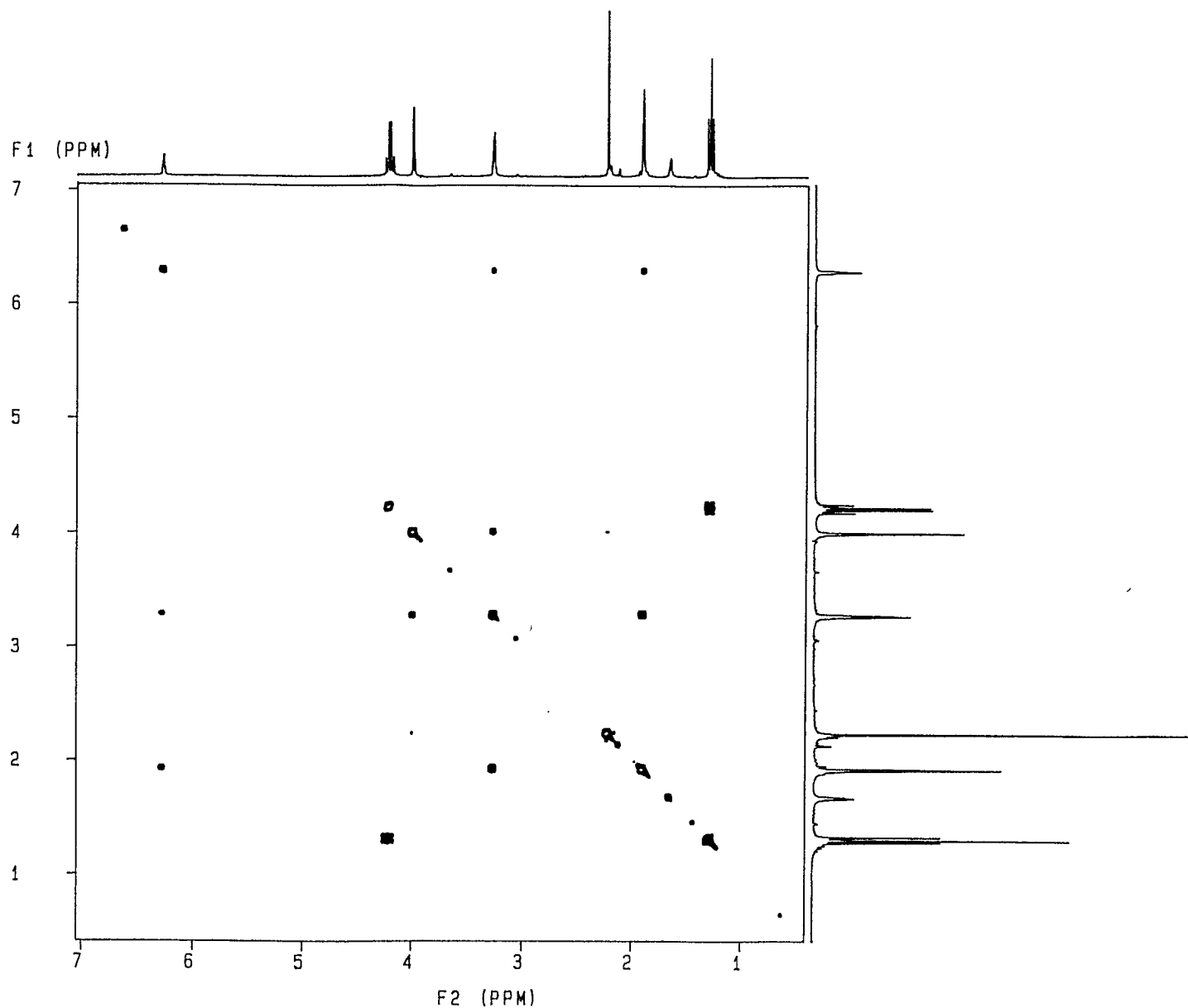
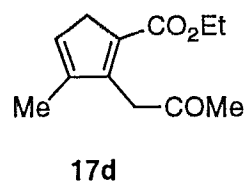
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 DATE 01-14-95 01:34:51
 SOLVENT CDCL3
 FILE C

ACQUISITION		DEC. & VT	
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SW	18761.7	DO	-450.0
AT	0.873	DM	YYY
NP	32768	DMH	N
PW	6.0	DMF	10800
P1	0	DHP	37.0
D1	1.200	DLP	1023
D2	0	PP	15.0
TD	0	PPLVL	52.0
NT	8192		
CT	8192	PROCESSING	
TPMR	46.0	SE	0.318
PM90	11.0	LB	1.000
FB	10400	MATH	D
BS	64		
SS	0	DISPLAY	
IL	N	SP	-75.6
IN	Y	WP	15092.5
DP	Y	VS	2140
ALOCK	N	SC	0
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		RFP	5810.6
		TH	15
		INS	1.000
		AI	



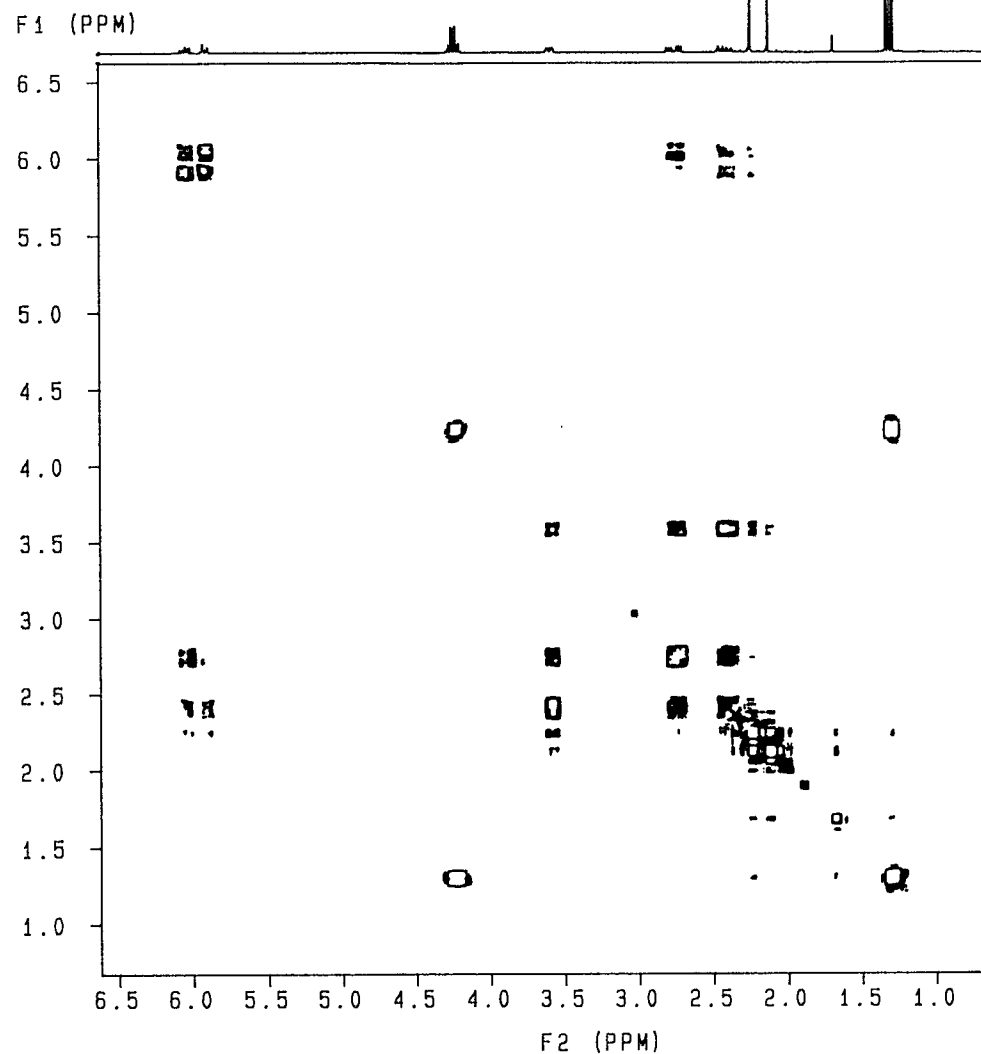
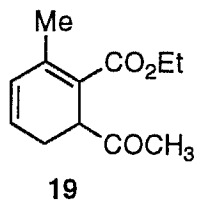
EXP4 PULSE SEQUENCE: COSY
 DATE 09-06-94
 SOLVENT CDCL3
 FILE COSY

COSY PULSE SEQUENCE
 OBSERVE PROTON
 FREQUENCY 300.075 MHZ
 1D SPECTRAL WIDTH (F2) 1989.7 HZ
 2D SPECTRAL WIDTH (F1) 1989.7 HZ
 ACQ. TIME 0.257 SEC
 RELAXATION DELAY 1.0 SEC
 PULSE WIDTH 90 DEGREES
 FIRST PULSE 90 DEGREES
 AMBIENT TEMPERATURE
 NO. REPETITIONS 16
 NO. INCREMENTS 256
 DATA PROCESSING
 PSEUDO-ECHO SHAPED
 FT SIZE 1K X 1K
 TOTAL TIME 1 HOUR
 41.5 MINUTES



EXP4 PULSE SEQUENCE: COSY
 DATE 09-19-96
 SOLVENT CDCL3
 FILE COSY

COSY PULSE SEQUENCE
 OBSERVE PROTON
 FREQUENCY 300.075 MHZ
 1D SPECTRAL WIDTH (F2) 1784.8 HZ
 2D SPECTRAL WIDTH (F1) 1784.8 HZ
 ACQ. TIME 0.287 SEC
 RELAXATION DELAY 1.0 SEC
 PULSE WIDTH 90 DEGREES
 FIRST PULSE 90 DEGREES
 AMBIENT TEMPERATURE
 NO. REPETITIONS 4
 NO. INCREMENTS 128
 DATA PROCESSING
 PSEUDO-ECHO SHAPED
 FT SIZE 1K X 1K
 TOTAL TIME 16.9 MINUTES



EXP5 PULSE SEQUENCE: COSY
 DATE 05-19-96
 SOLVENT CDCL3
 FILE COSY

COSY PULSE SEQUENCE
 OBSERVE PROTON
 FREQUENCY 300.075 MHZ
 1D SPECTRAL WIDTH (F2) 794.2 HZ
 2D SPECTRAL WIDTH (F1) 794.2 HZ
 ACQ. TIME 0.322 SEC
 RELAXATION DELAY 1.0 SEC
 PULSE WIDTH 90 DEGREES
 FIRST PULSE 90 DEGREES
 AMBIENT TEMPERATURE
 NO. REPETITIONS 32
 NO. INCREMENTS 128
 DATA PROCESSING
 PSEUDO-ECHO SHAPED
 FT SIZE 512 X 512
 TOTAL TIME 1 HOUR
 41.8 MINUTES

