

Additional File 6

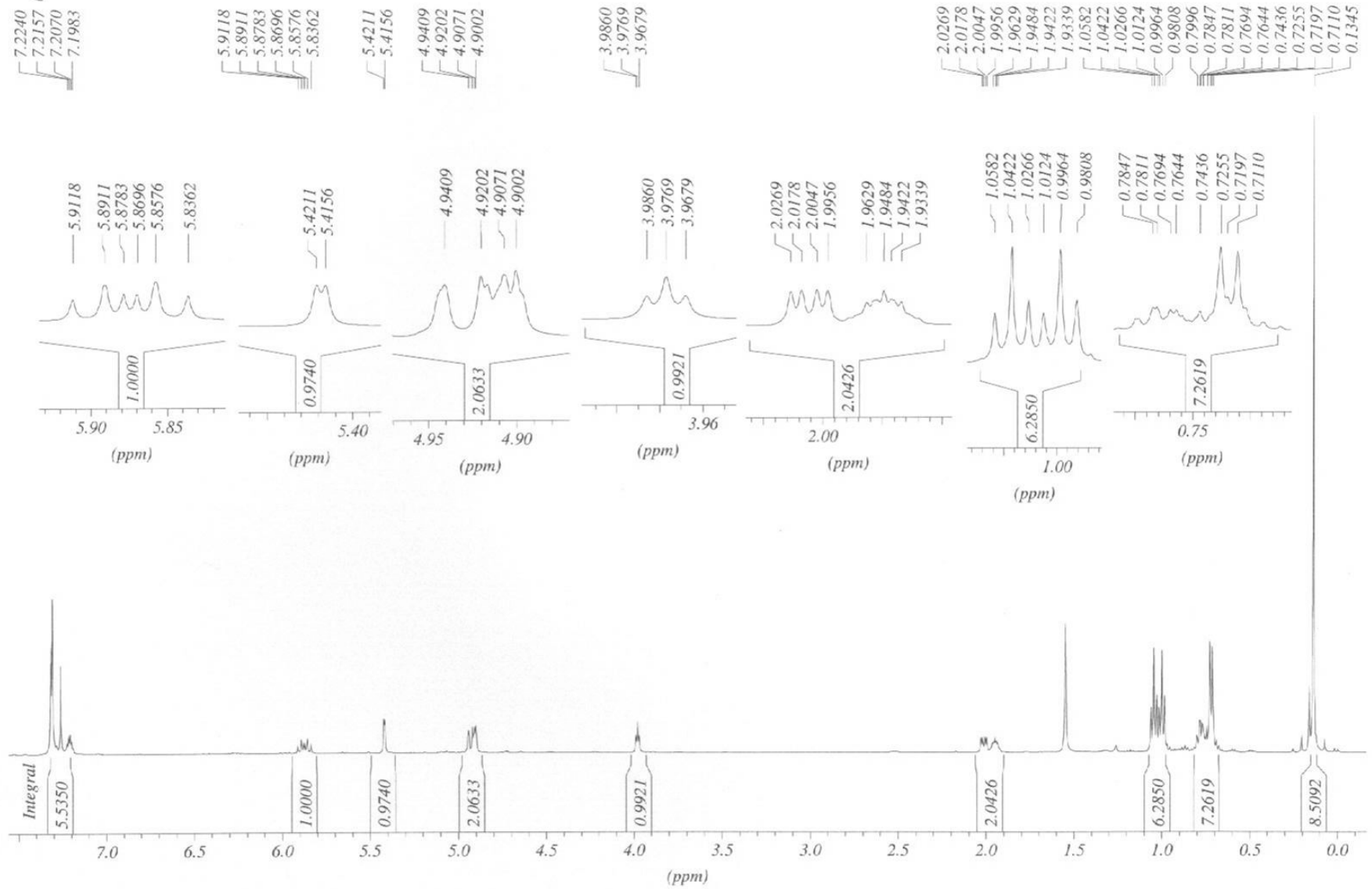
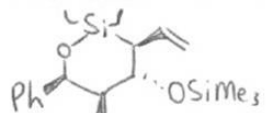
Tether-directed synthesis of highly substituted oxasilacycles *via* an intramolecular allylation employing allylsilanes

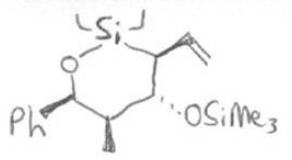
Peter J. Jervis and Liam R. Cox*

email: l.r.cox@bham.ac.uk

$^1\text{H-NMR}$ and $^{13}\text{C-NMR}$ Spectra for the following compounds:

16b, 17b





— 143.4566
— 138.3494

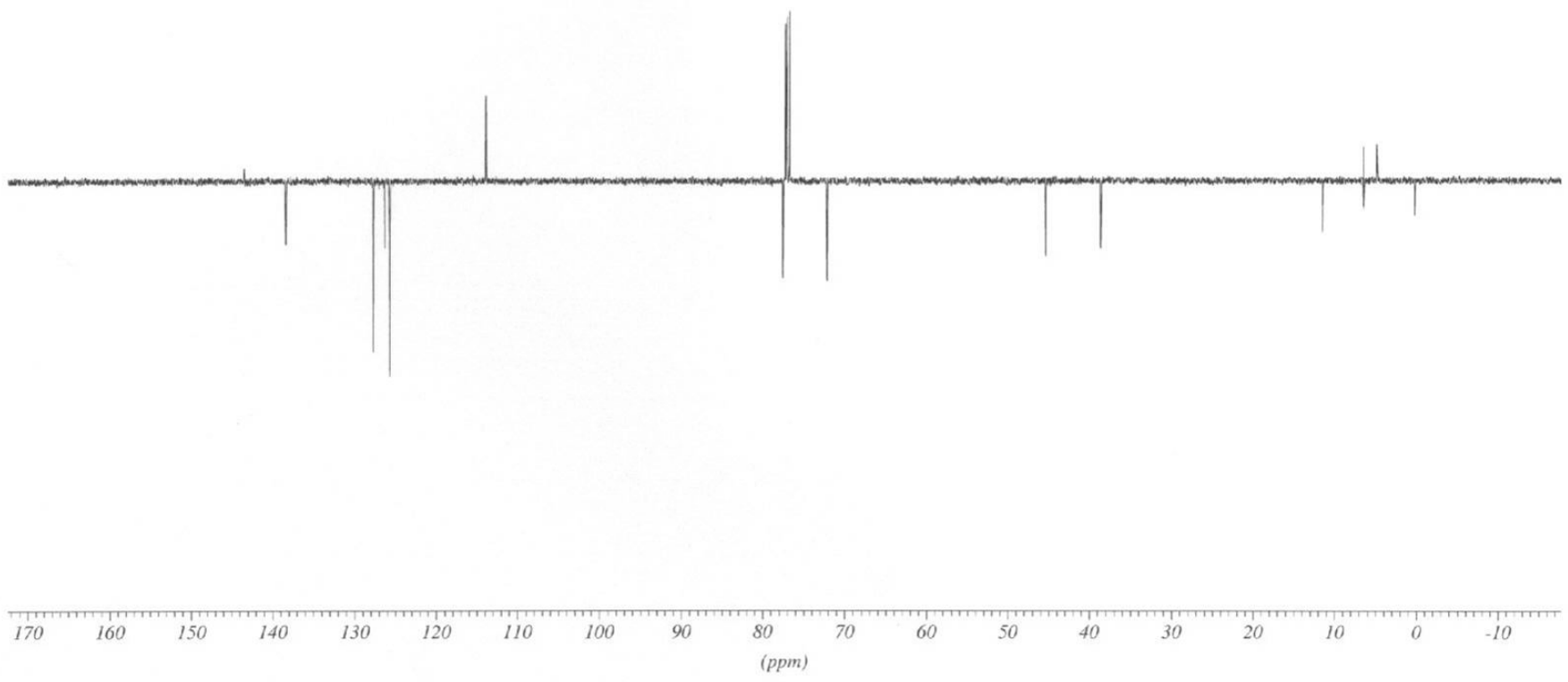
— 127.7623
— 126.3269
— 125.7084

— 113.9080

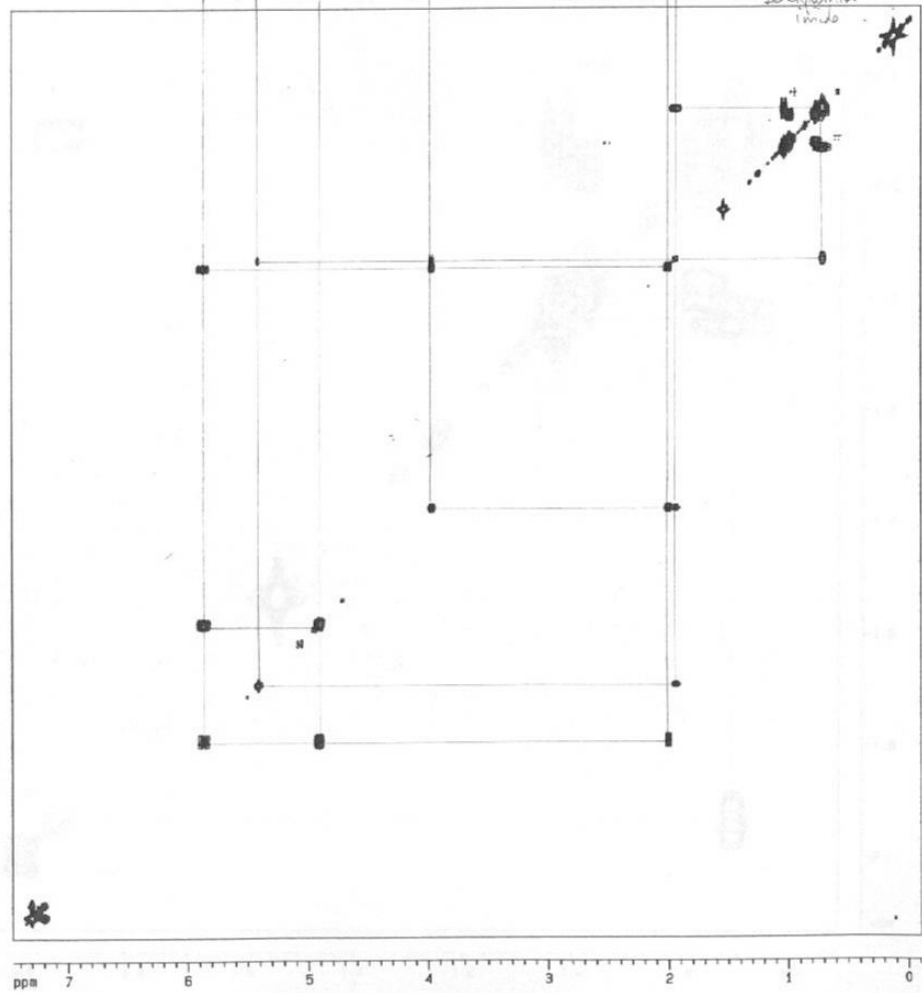
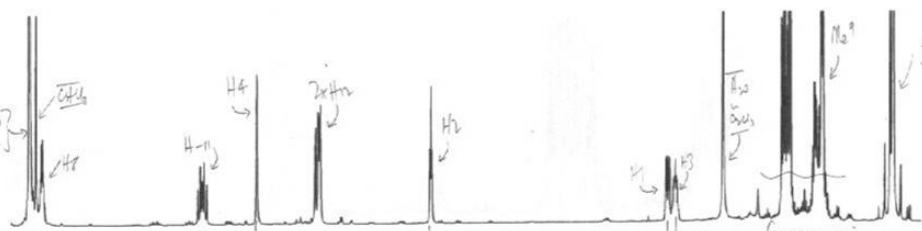
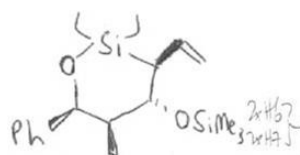
— 77.4917
— 72.1308

— 45.3578
— 38.6011

— 11.4396
— 6.5307
— 6.5069
— 6.4435
— 4.8732
— 0.2498



Peter Jarvis Barcode 3902 in CDC13 at +27C, set temp
dix500, Gradient COSY90



Current Data Parameters
 NAME j128p1id
 EXPNO 3
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20050726
 Time 19.25
 INSTRUM dix500
 PROBHD 5 mm TBI H/C
 PULPROG coeypg
 TD 2048
 SOLVENT CDC13
 NS 8
 DS 16
 SMH 4310.345 Hz
 FIDRES 2.104661 Hz
 AQ 0.2376190 sec
 RG 382
 DM 116.000 usec
 DE 5.50 usec
 TE 300.0 K
 d0 0.0000300 sec
 D1 2.0000000 sec
 d13 0.0000300 sec
 D16 0.0001000 sec
 IN0 0.00023200 sec

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 NUC1 1H
 P0 10.80 usec
 P1 10.80 usec
 PL1 1.00 dB
 SFO1 500.1318967 MHz

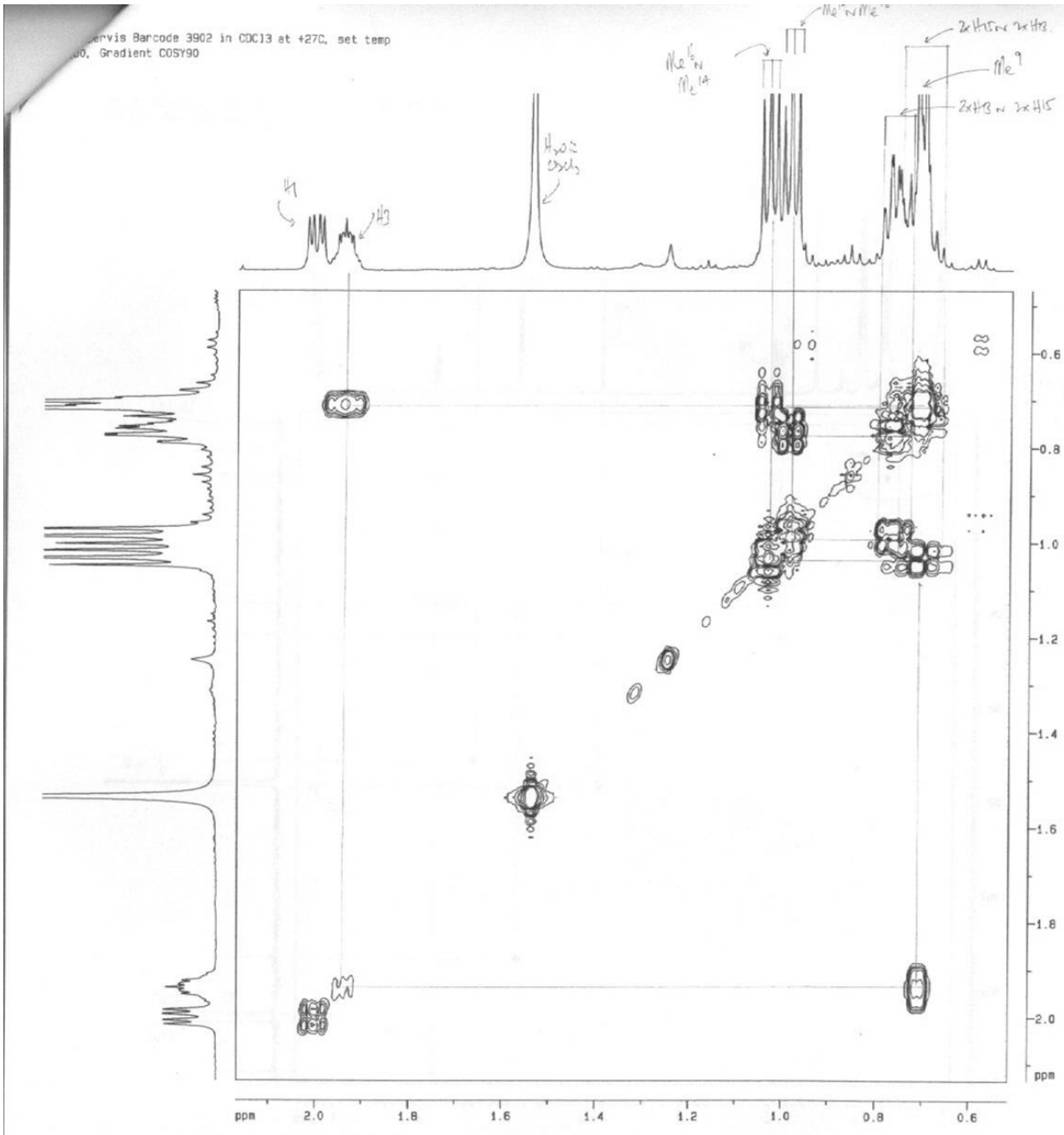
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 GRAM2 SINE.100
 GPX1 0.00 %
 GPX2 0.00 %
 GPY1 0.00 %
 GPY2 0.00 %
 GPZ1 10.00 %
 GPZ2 10.00 %
 P16 1000.00 usec

F1 - Acquisition parameters
 NDO 1
 TD 512
 SFO1 500.1319 MHz
 FIDRES 8.418642 Hz
 SW 8.618 ppm

F2 - Processing parameters
 SI 2048
 SF 500.1300233 MHz
 MW SINE
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

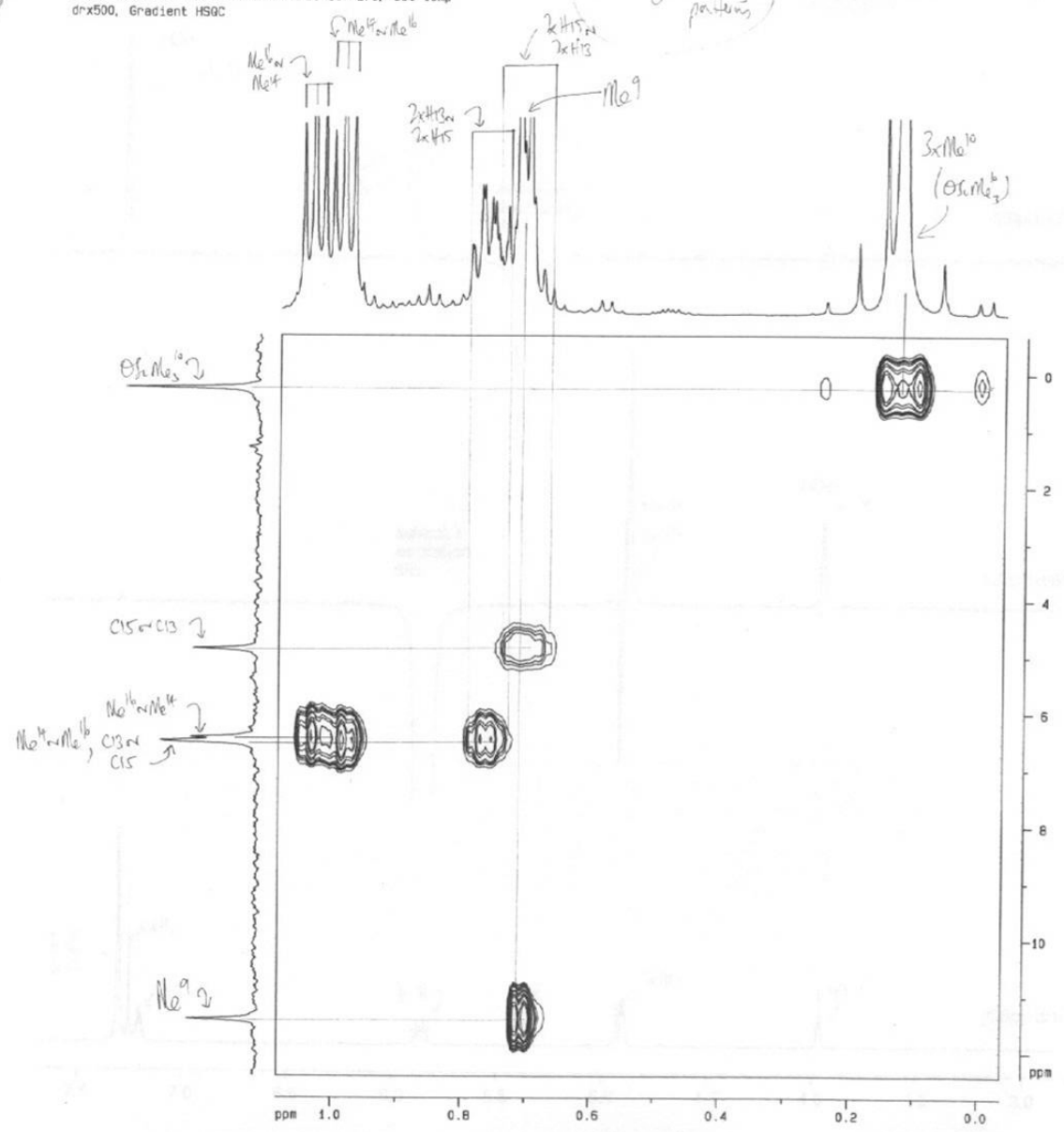
F1 - Processing parameters
 SI 1024
 MC2 0F
 SF 500.1300233 MHz
 MW SINE
 SSB 0
 LB 0.00 Hz
 GB 0

2D NMR plot parameters
 CX2 20.00 cm
 CX1 20.00 cm
 F2PLO 7.463 ppm
 F2LO 3732.40 Hz
 F2PHI -0.104 ppm
 F2HI -51.78 Hz
 F1PLO 7.480 ppm
 F1LO 3740.82 Hz
 F1PHI -0.120 ppm
 F1HI -60.20 Hz
 F2PPMCM 0.37832 ppm/cm
 F2HZCM 189.20898 Hz/cm
 F1PPMCM 0.38000 ppm/cm
 F1HZCM 190.05087 Hz/cm

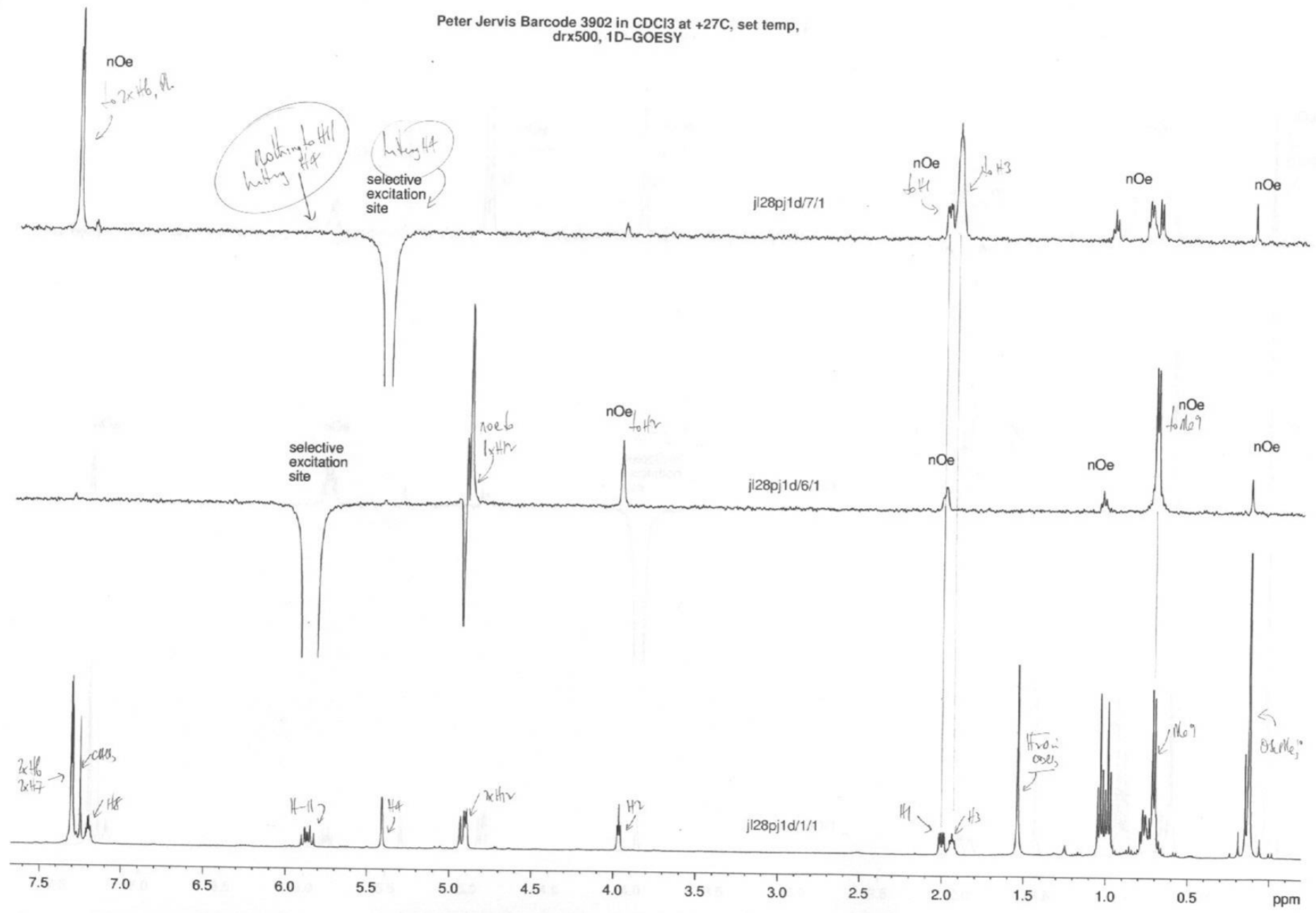


Peter Jarvis Barcode 3902 in CDCl3 at +27C, set temp
dix500, Gradient HSGC

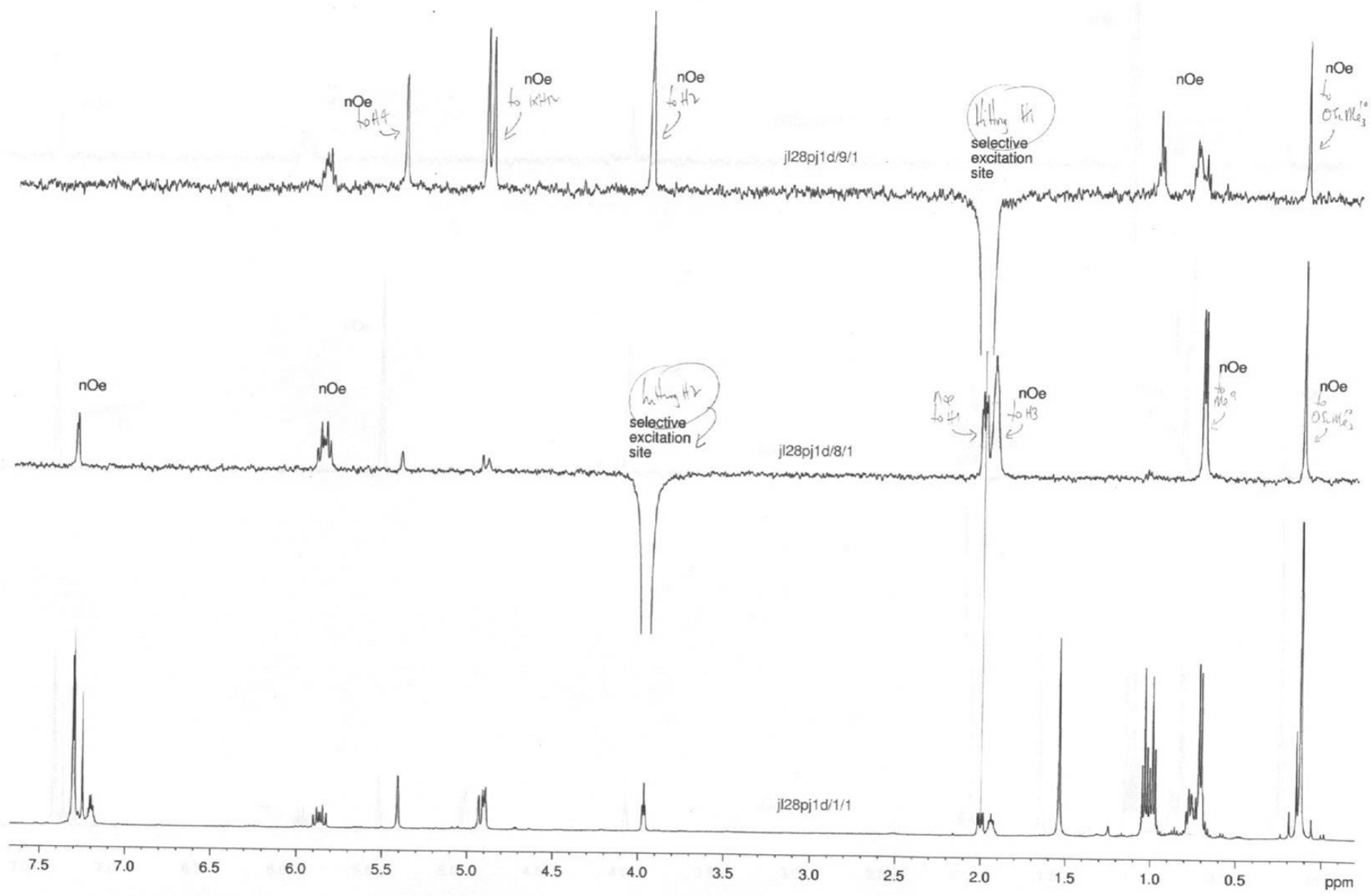
See Comp 90
for coupling
patterns

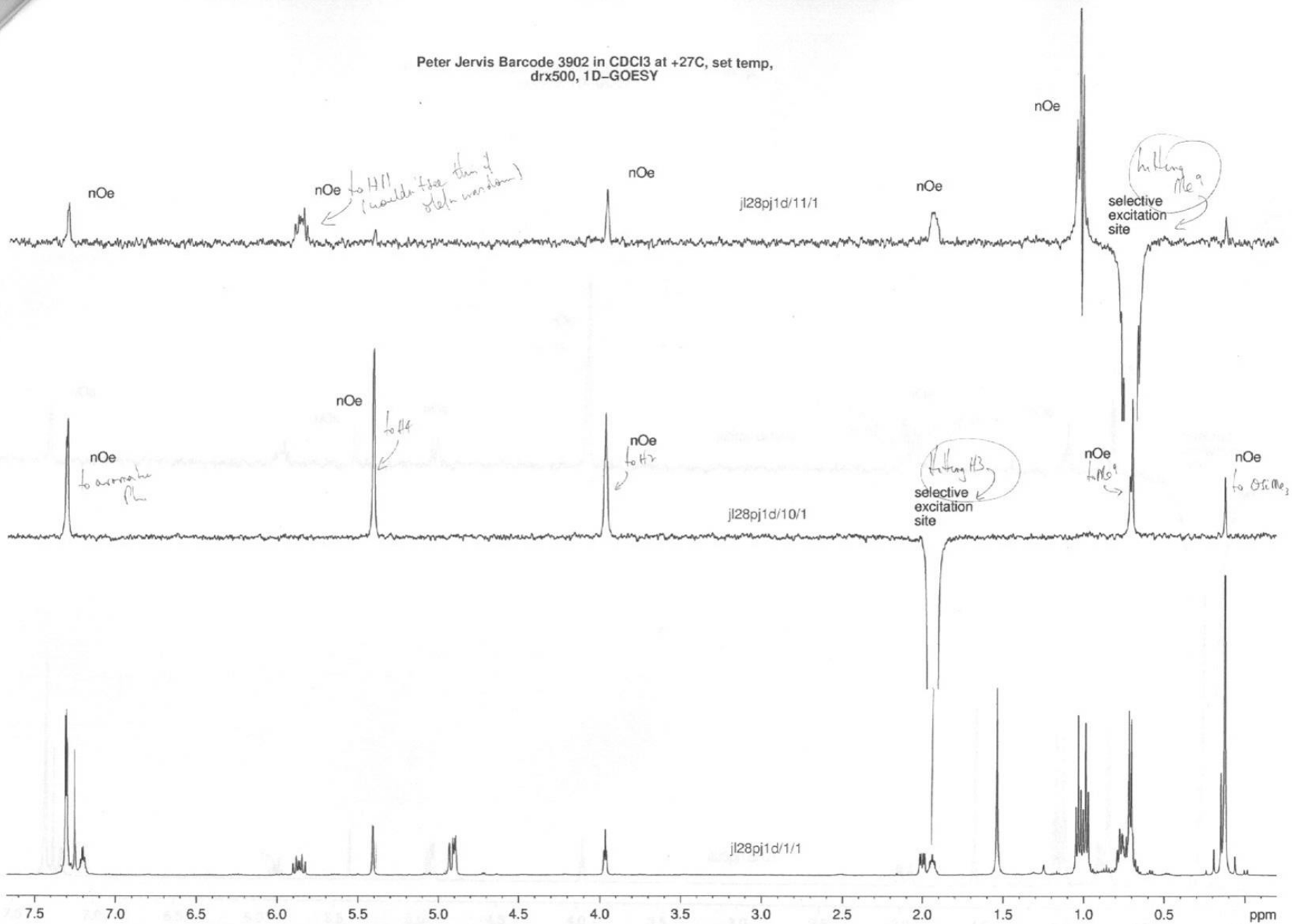


Peter Jervis Barcode 3902 in CDCl3 at +27C, set temp, drx500, 1D-GOESY

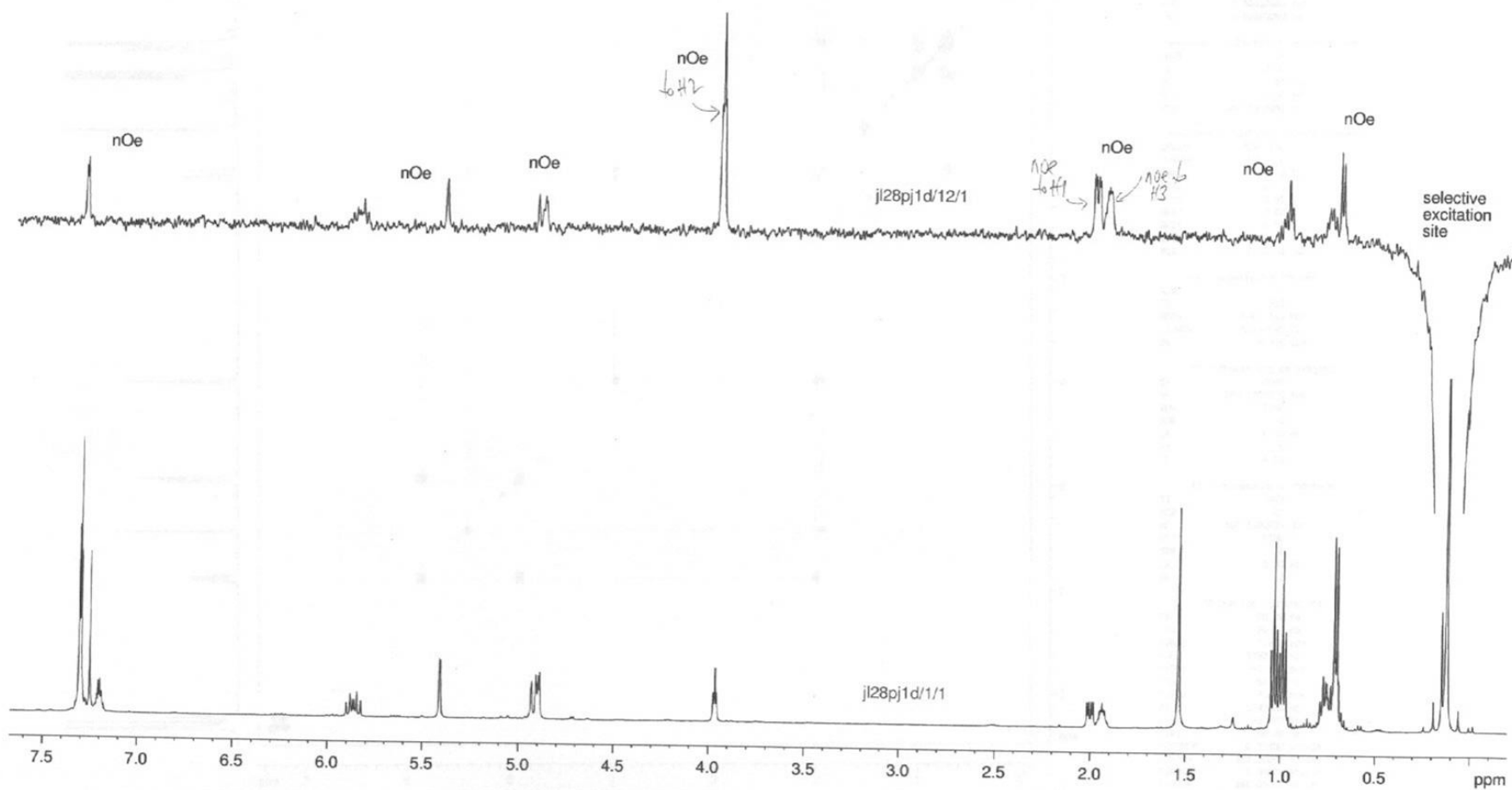


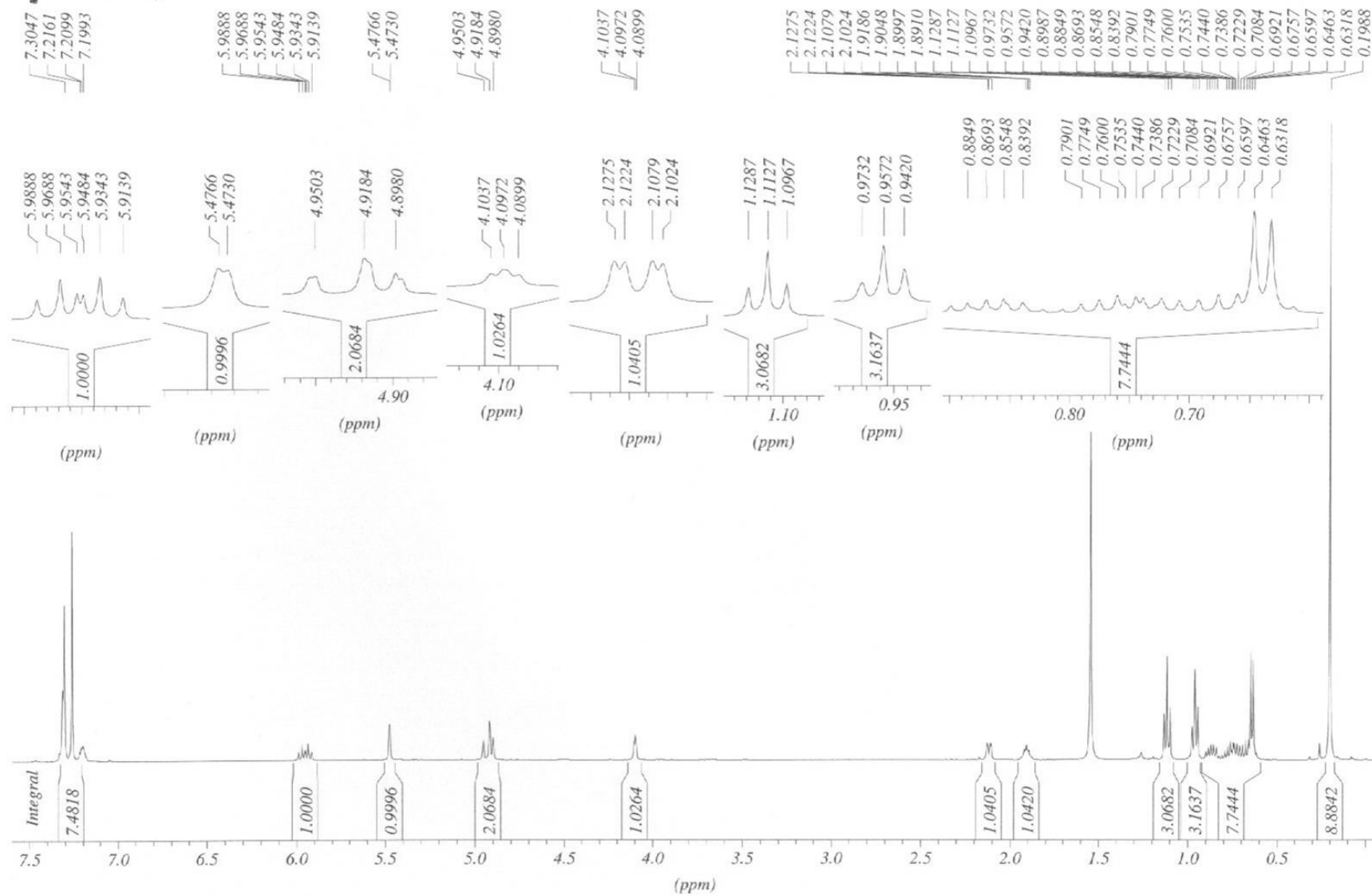
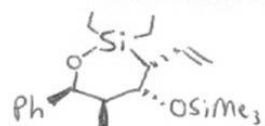
Peter Jervis Barcode 3902 in CDCl3 at +27C, set temp, drx500, 1D-GOESY

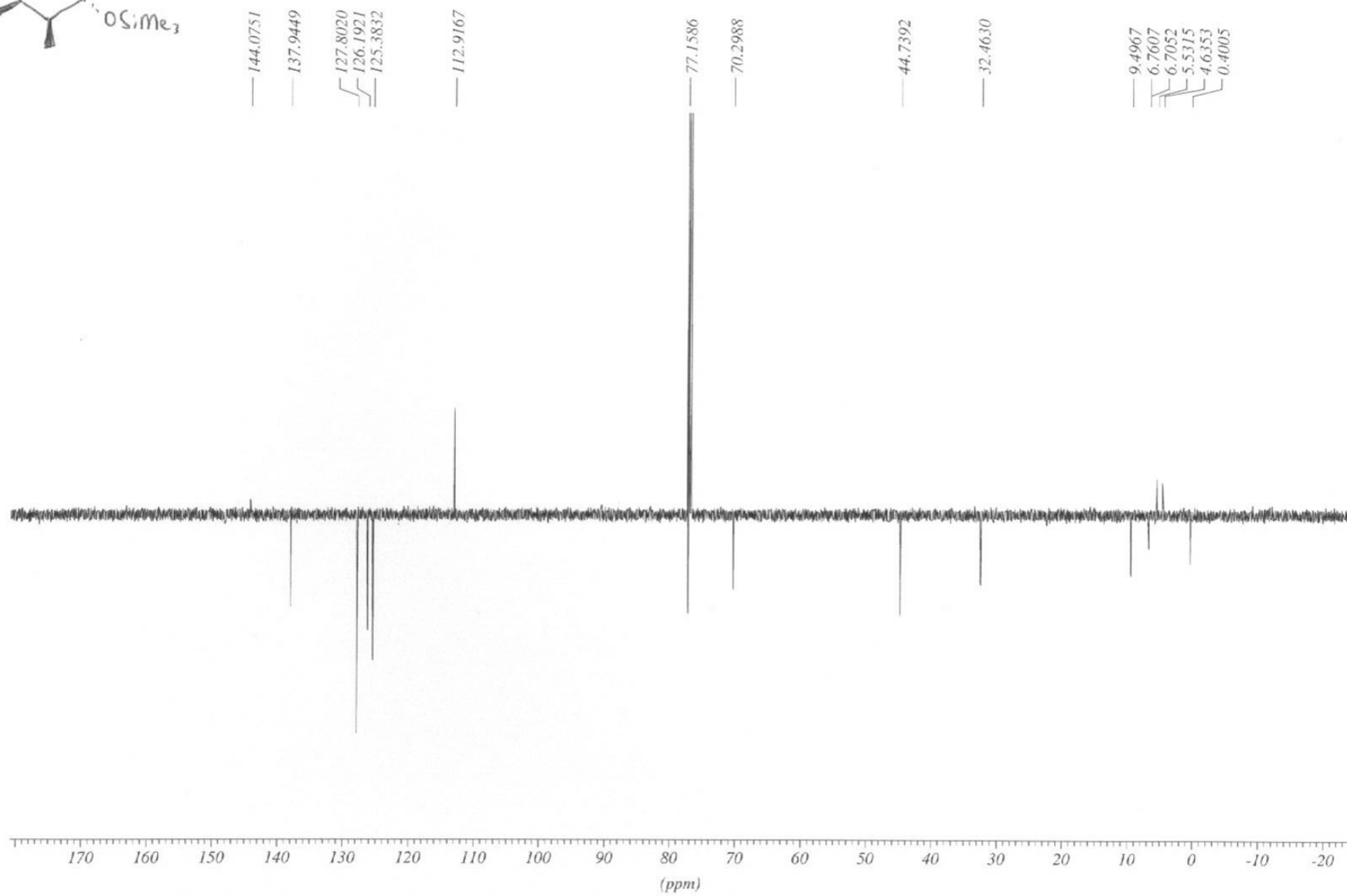
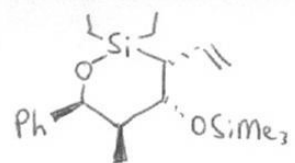




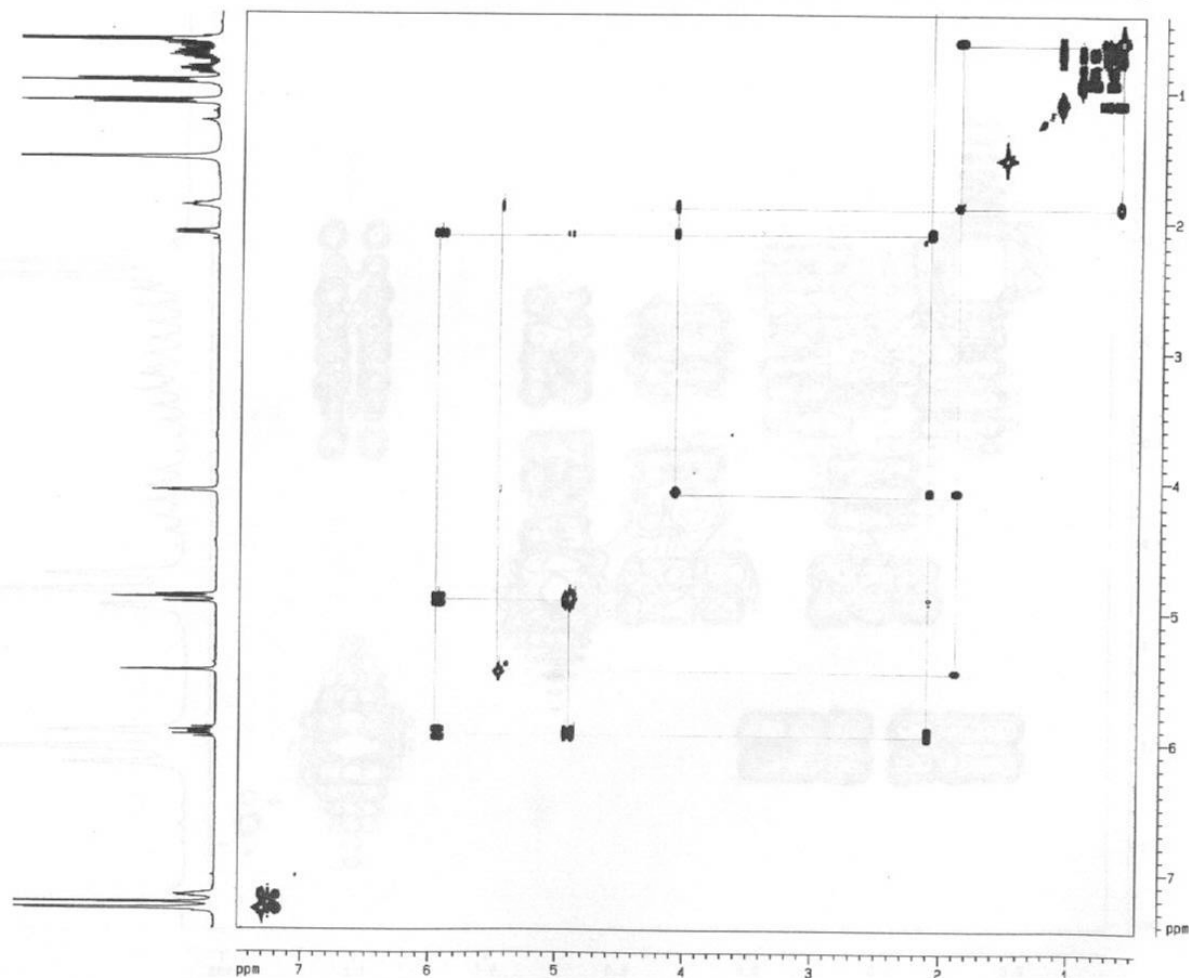
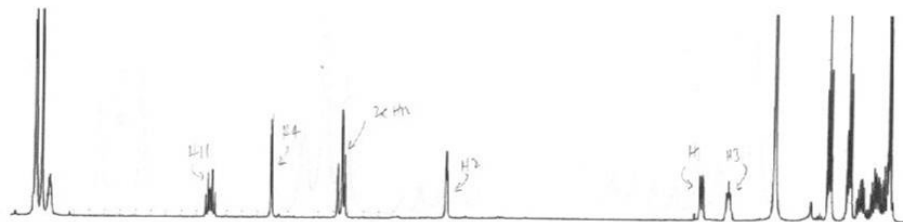
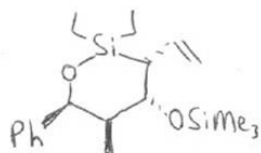
Peter Jervis Barcode 3902 in CDCl₃ at +27C, set temp,
drx500, 1D-GOESY







Peter Jarvis Sample 09/09/05 in CDCl3 at +27C, set temp
drx500, Gradient COSY90



Current Data Parameters
NAME sp09j1d
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20050905
Time 20.33
INSTRUM drx500
PROBHD 5 mm TBI H/C
PULPROG coasygp
TD 2048
SOLVENT CDCl3
NS 8
DS 16
SWH 4310.345 Hz
FIDRES 2.104651 Hz
AQ 0.2375190 sec
RG 1024
DM 116.000 usec
DE 5.50 usec
TE 300.0 K
d0 0.0000300 sec
D1 2.0000000 sec
d13 0.0000300 sec
D15 0.0001000 sec
INO 0.0002300 sec

----- CHANNEL f1 -----
NUC1 1H
P0 10.70 usec
P1 10.70 usec
PL1 1.00 dB
SFO1 500.1318667 MHz

----- GRADIENT CHANNEL -----
SPRAN1 SINE.100
SPRAN2 SINE.100
SPX1 0.00 %
SPX2 0.00 %
SPY1 0.00 %
SPY2 0.00 %
GPZ1 10.00 %
GPZ2 10.00 %
P16 1000.00 usec

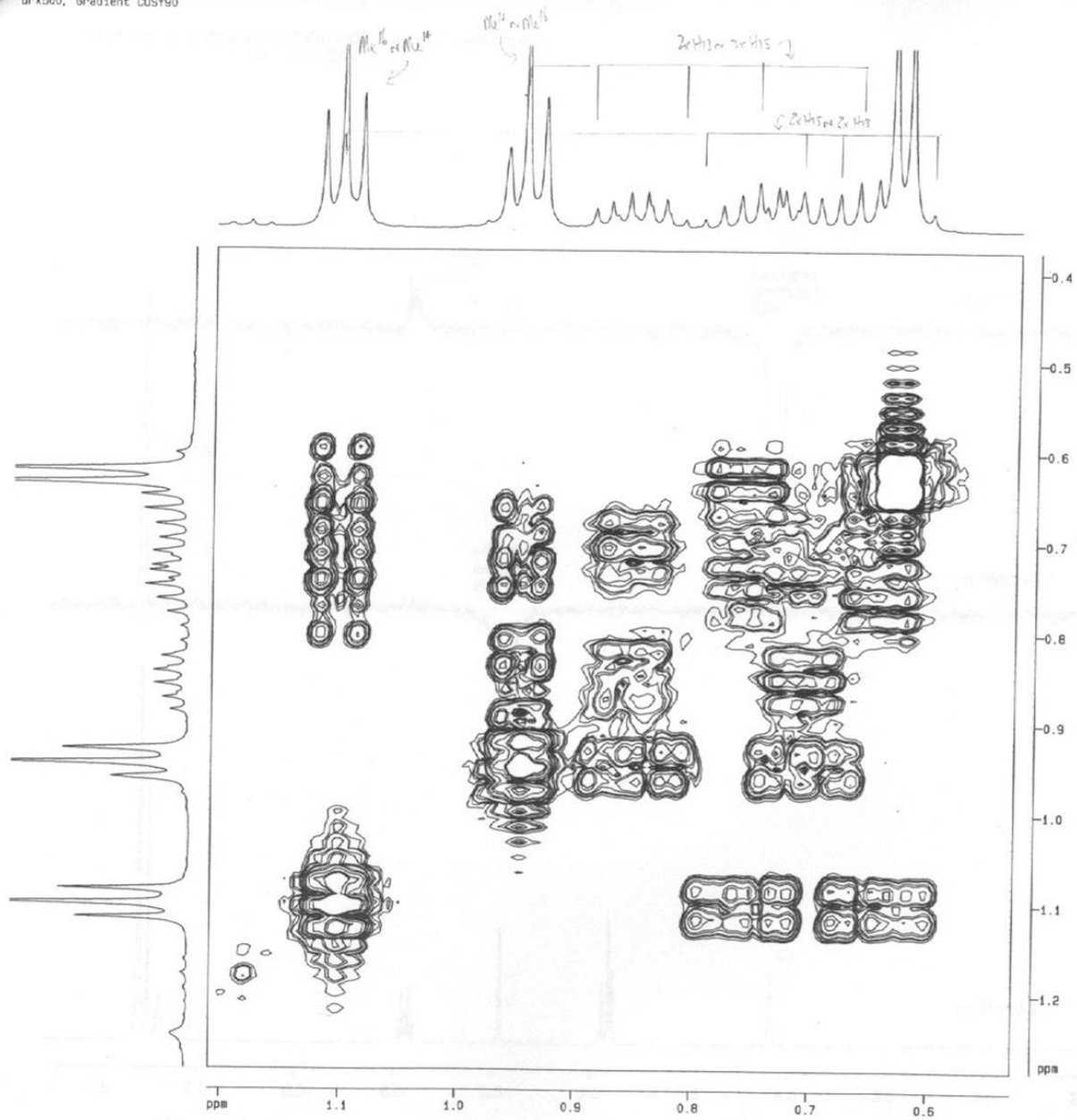
F1 - Acquisition parameters
ND0 1
TD 512
SFO: 500.1319 MHz
FIDRES 8.418642 Hz
SM 8.618 ppm

F2 - Processing parameters
SI 2048
SF 500.1300233 MHz
WDW SINE
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

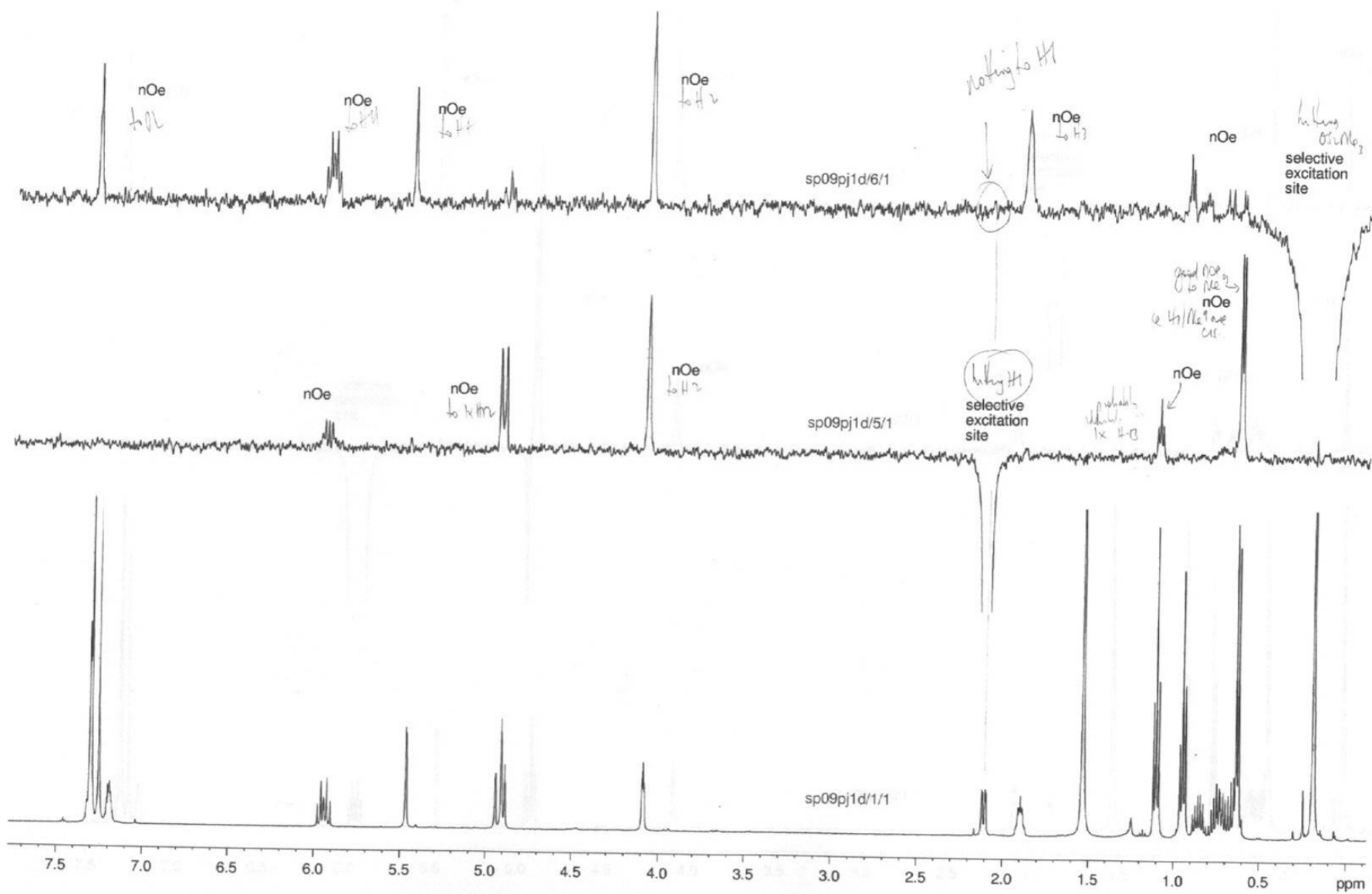
F1 - Processing parameters
SI 1024
MC2 GF
SF 500.1300233 MHz
WDW SINE
SSB 0
LB 0.00 Hz
GB 0

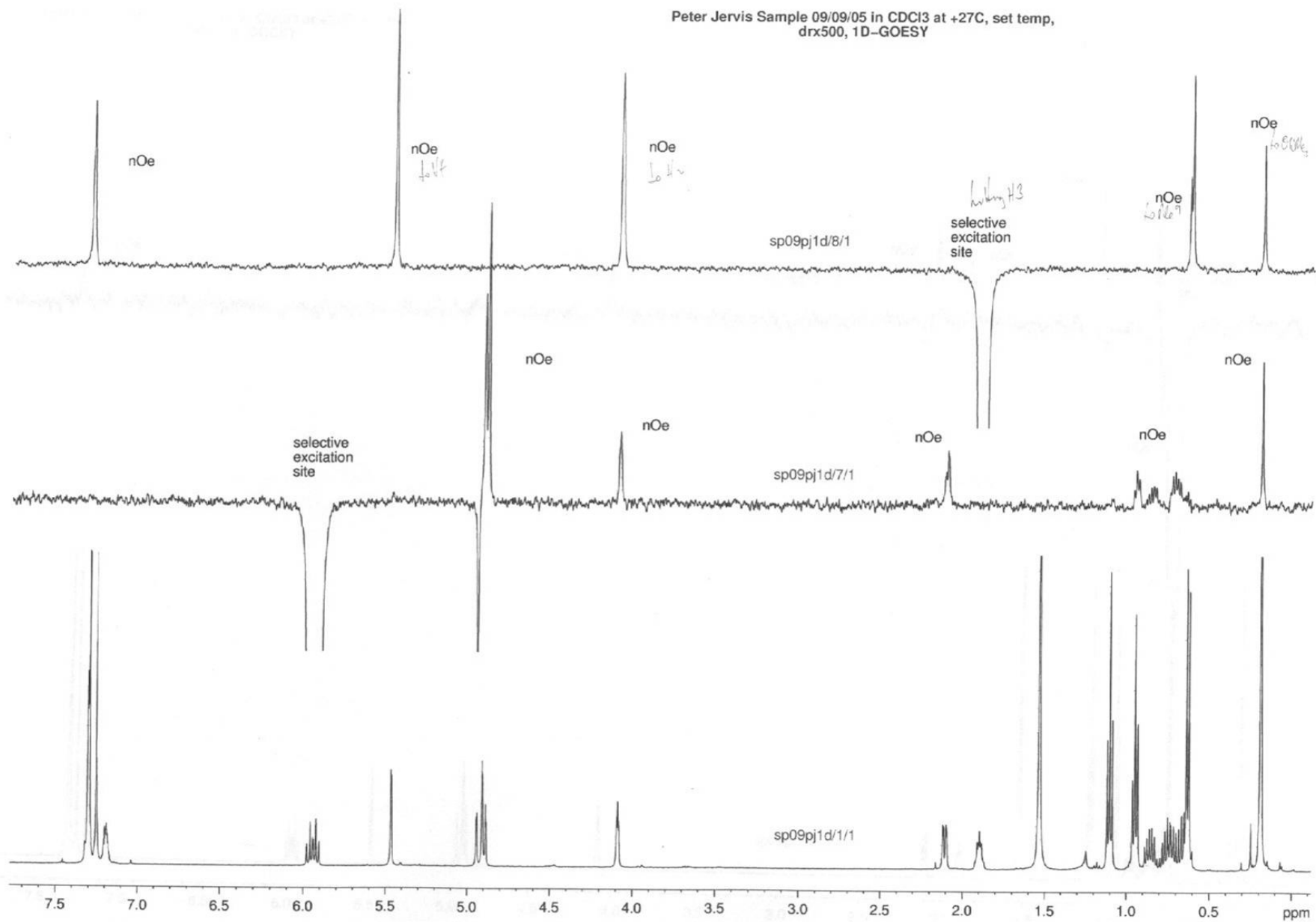
2D NMR plot parameters
CX2 20.00 cm
CX1 20.00 cm
F2PL0 7.486 ppm
F2L0 3745.03 Hz
F2PHI 0.456 ppm
F2HI 226.14 Hz
F1PL0 7.454 ppm
F1L0 3726.19 Hz
F1PHI 0.418 ppm
F1HI 209.20 Hz
F2PCMC 0.35150 ppm/cm
F2H2C 175.84441 Hz/cm
F1PCMC 0.35151 ppm/cm
F1H2C 175.94962 Hz/cm

Peter Jervis Sample 09/09/05 in CDCl₃ at +27C, set temp
drx500, Gradient COSY90



Peter Jarvis Sample 09/09/05 in CDCl₃ at +27C, set temp,
drx500, 1D-GOESY





Peter Jervis Sample 09/09/05 in CDCl3 at +27C, set temp,
drx500, 1D-GOESY

