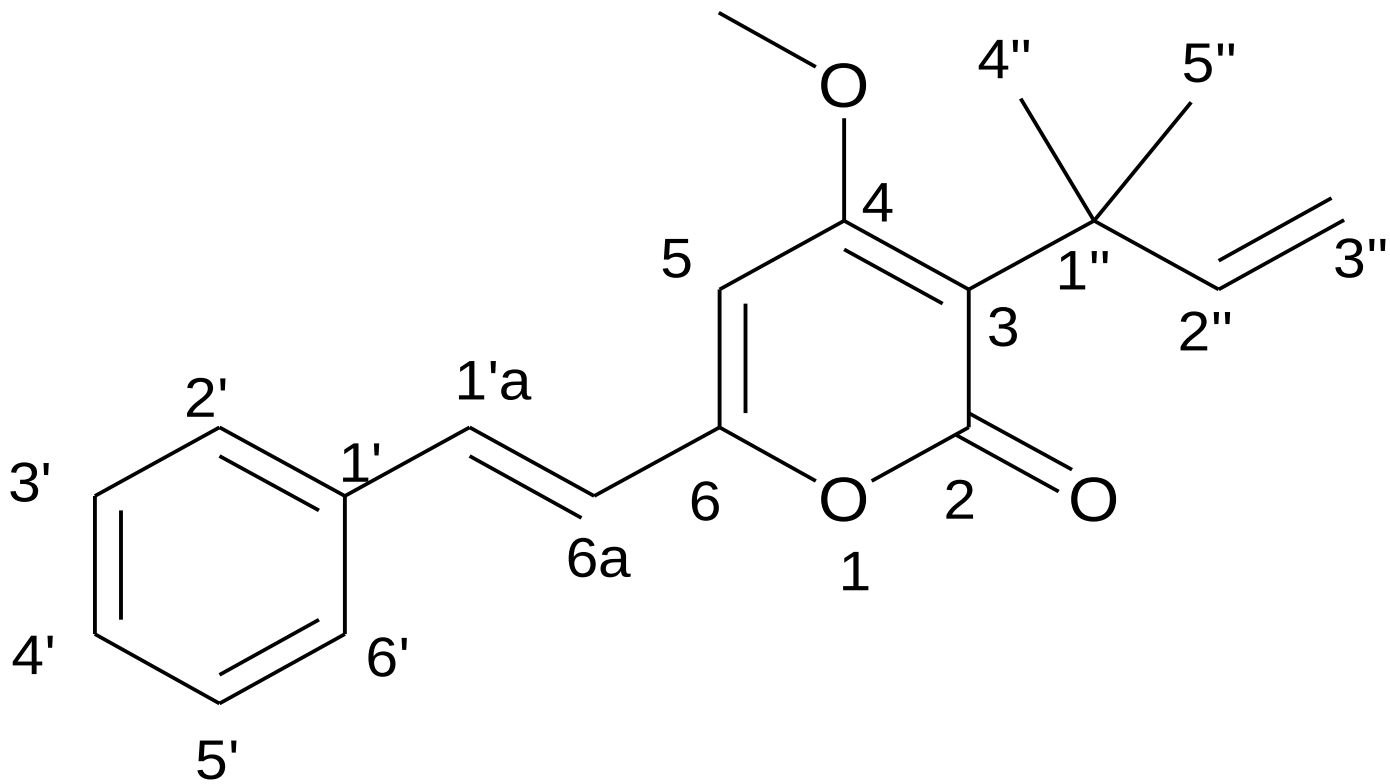




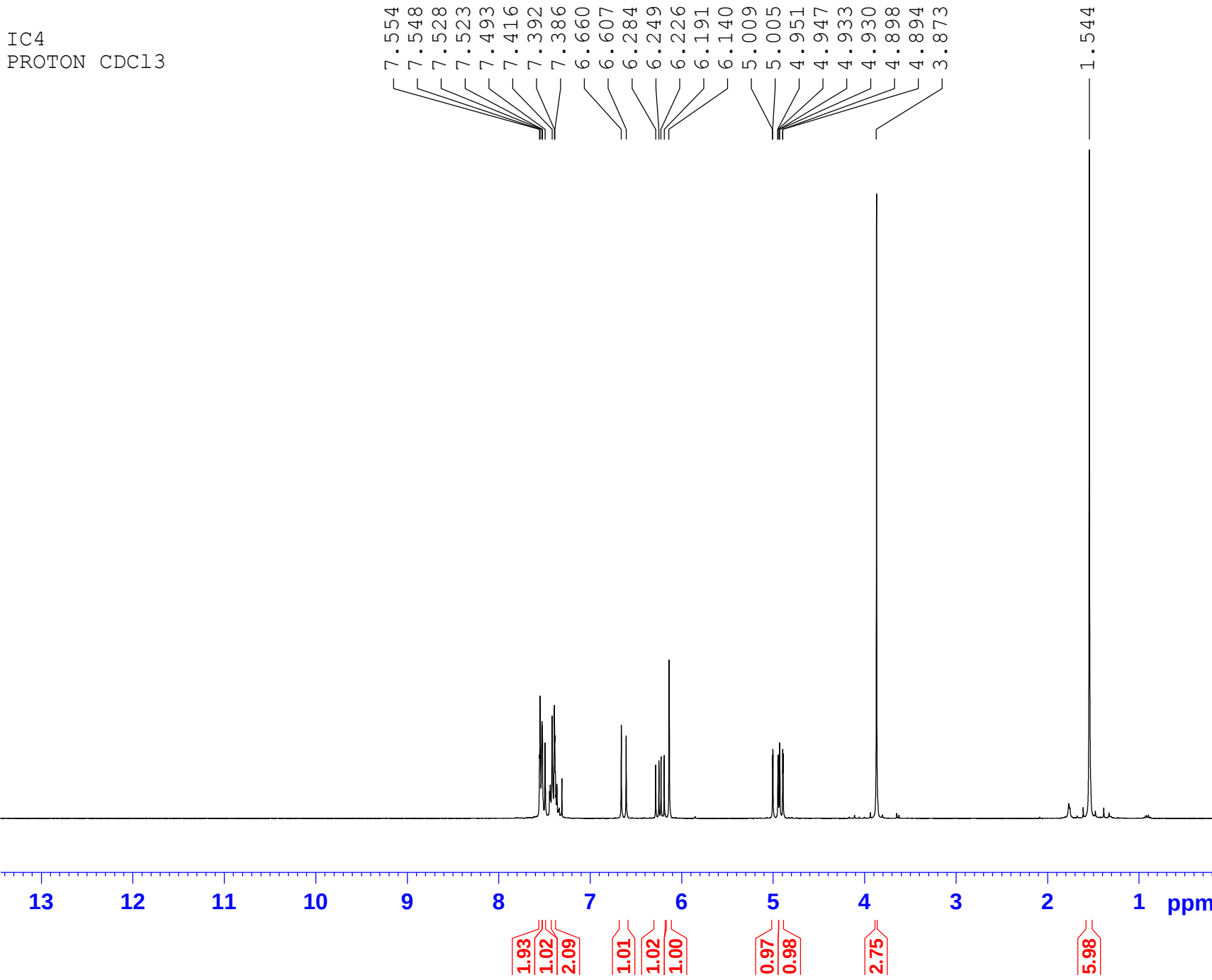
4

Mundulea lactone

IC4
PROTON CDC13



Current Data Parameters
NAME: IC4
PROCNO: 1
F2 - Acquisition Parameters
Date_: 20161021
Time: 11.24
INSTRUM: spect
PROBHD: 5 mm QNP 1H/13
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl3
NS: 14
DS: 2
SWH: 6172.813 Hz
FIDRES: 0.294330 Hz
AQ: 5.3084660 sec
RG: 328.1
OR: 61.000 usec
DE: 4.00 usec
TE: 300.0 K
D1: 1.00000000 sec
YD0: 1
===== CHANNEL F1 =====
NUC1: 13C
P1: 8.00 usec
PL1: 0.00 dB
SFO1: 300.1350934 MHz
F2 - Processing parameters
SI: 32768
SF: 300.1300000 MHz
WDW: EM
SSB: 0
LA: 0.00 Hz
GB: 0
PC: 1.00



IC4
PROTON CDC13

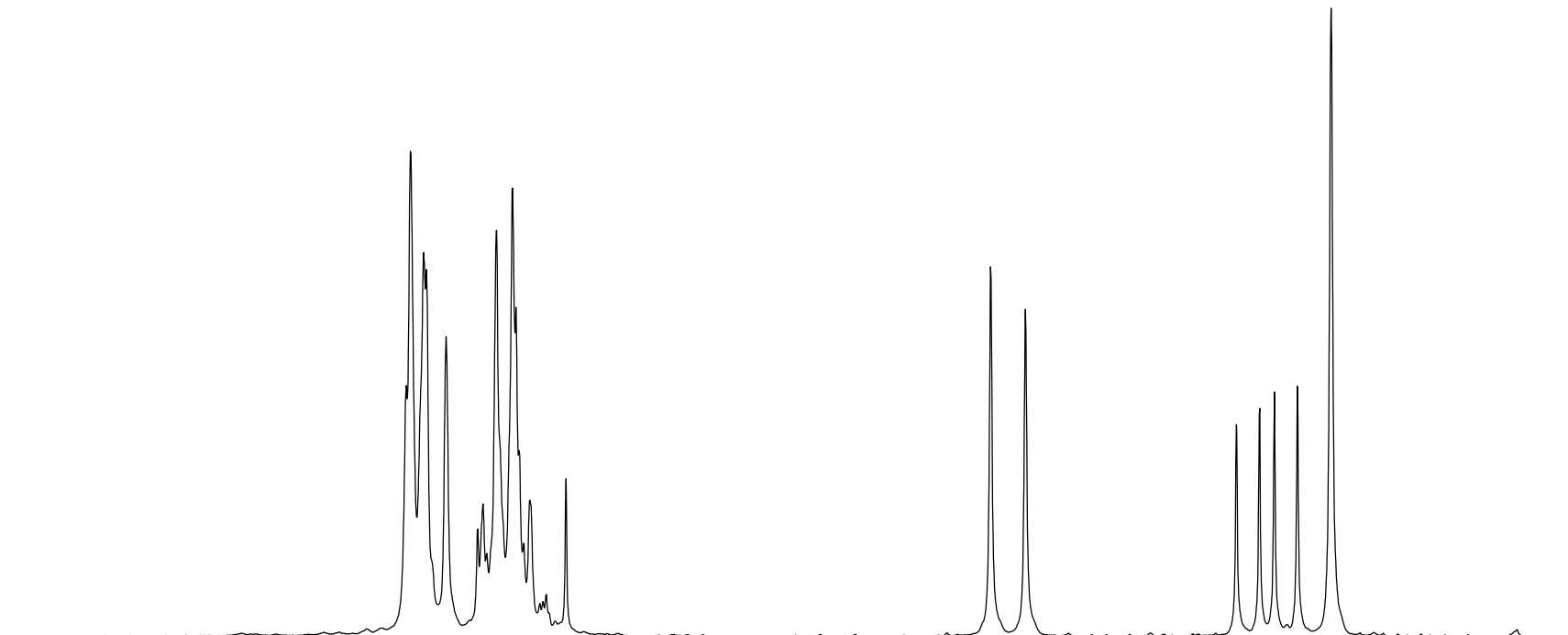
7.554
7.548
7.528
7.523
7.493
7.416
7.392
7.386

6.660
6.607

6.284
6.249
6.226
6.191
6.140



Current Data Parameters
NAME: IC4
PROCNO: 1
F2 - Acquisition Parameters
Date_: 20161017
Time: 11.24
INSTRUM: spect
PROBHD: 5 mm QNP 1H/1
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl3
NS: 14
DS: 2
SWH: 6172.813 Hz
FIDRES: 0.094390 Hz
AQ: 5.3084640 sec
RG: 328.1
OR: 81.000 usec
DE: 4.00 usec
TE: 300.0
D1: 1.00000000 sec
YD0: 1
===== CHANNEL F1 =====
NUC1: 1H
P1: 8.00 usec
PL1: 0.00 dB
SFO1: 300.1350930 MHz
F2 - Processing parameters
SI: 32768
SF: 300.1300000 MHz
WDW: EM
SSB: 0
LA: 0.30 dB
GB: 0
PC: 1.00



8.1 8.0 7.9 7.8 7.7 7.6 7.5 7.4 7.3 7.2 7.1 7.0 6.9 6.8 6.7 6.6 6.5 6.4 6.3 6.2 6.1 6.0 ppm

1.93

1.02

2.09

1.01

1.02

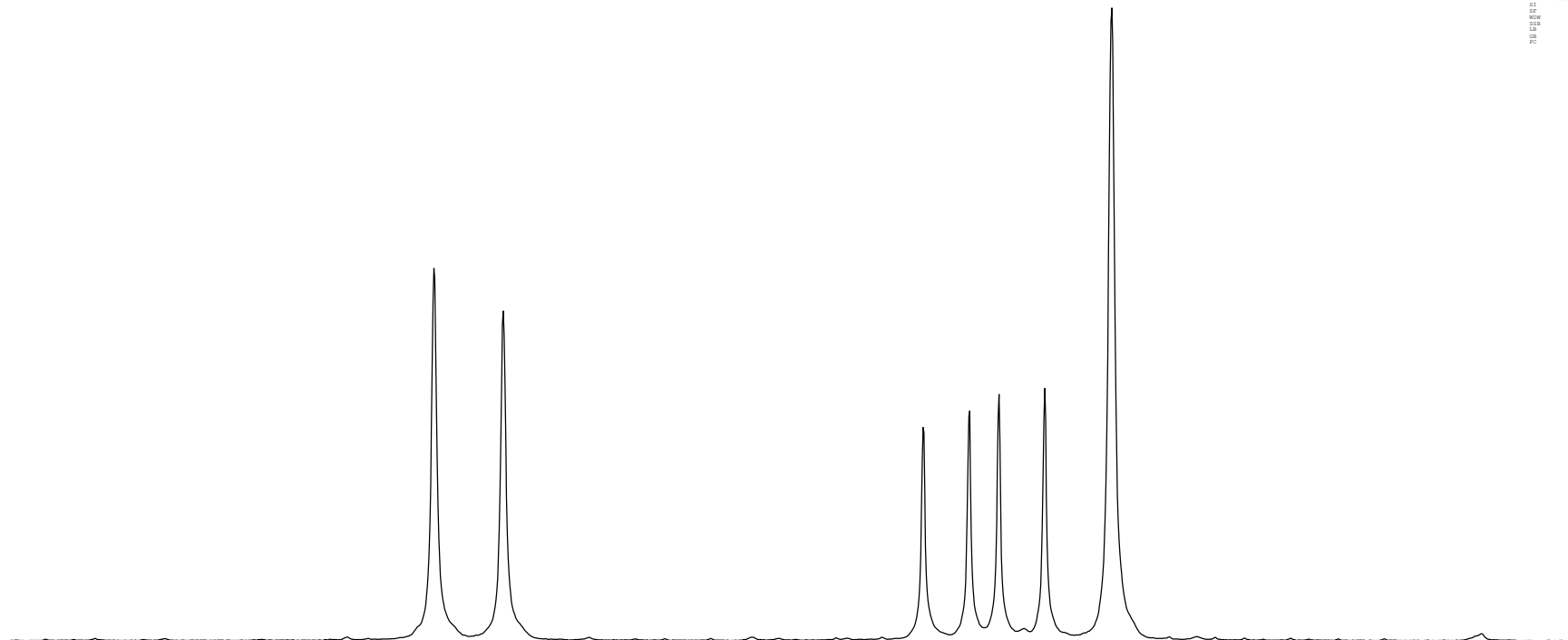
1.00

IC4
PROTON CDC13



Current Data Parameters
NAME IC4
EXPNO 10
PROCNO 1
F2 - Acquisition Parameters
Date_ 20141021
Time 11.11.14
INSTRUM spect
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
SOLVENT cdcl3
DS 2
DE 6172.830 Hz
FIDRES 0.094190 Hz
AQ 0.1004600 sec
RG 228.1
RF 80.000 MHz
DE 6.00 usec
TE 300.2 K
D1 1.0000000 sec
TUG 1
===== CHANNEL f1 =====
NUC1 13
P1 6.00 usec
PA1 1.00 dB
SFO1 300.1318354 MHz
F2 - Processing parameters
SI 32768
SF 300.1300000 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

6.660
6.607
6.284
6.249
6.226
6.191
6.140



6.9 6.8 6.7 6.6 6.5 6.4 6.3 6.2 6.1 6.0 5.9 ppm

1.01
1.02
1.00

IC4
PROTON CDC13



Current Data Parameters
NAME IC4
EXPNO 10
PROCNO 1

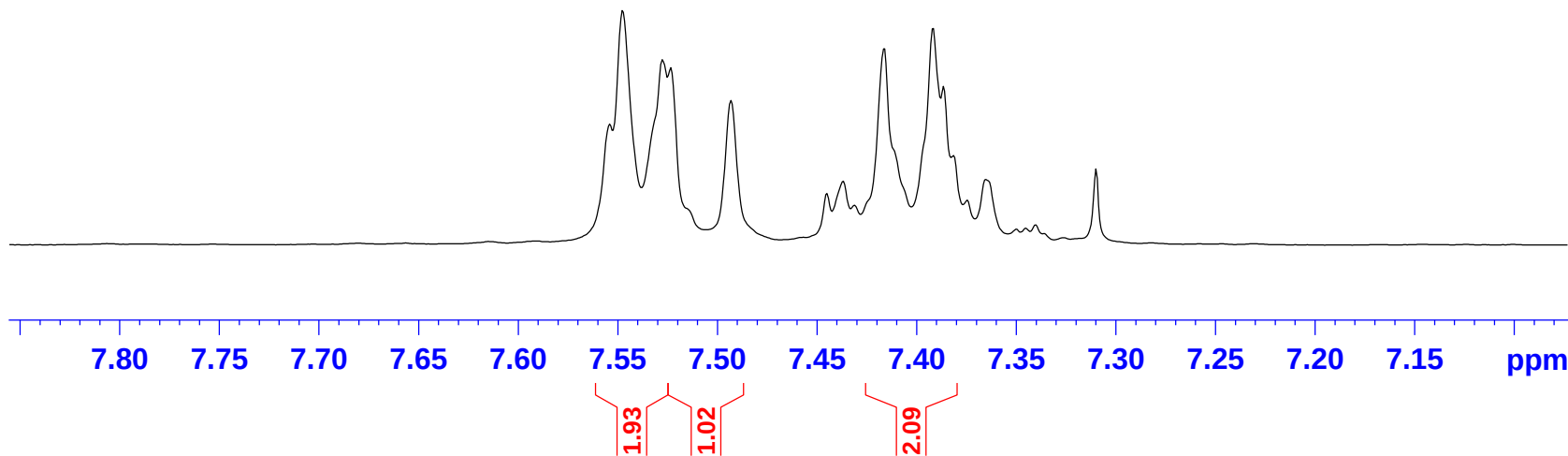
F2 - Acquisition Parameters
Date_ 20141027
Time 11:24
INSTRUM spect
PROBHD 5 mm QNP 1H/15
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 16
DS
SWH 6172.835 Hz
FIDRES 0.094190 Hz
AQ 5.3084660 sec
RG 228.1
DW 81.000 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 6.06 usec
PL1 1.00 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

7.554
7.548
7.528
7.523
7.493

7.416
7.392
7.386





Current Data Parameters
NAME IC4
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141027
Time 11.24
INSTRUM spect
PROBHD 5 mm QNP 1H/15
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 16
DS 2
SWH 6172.839 Hz
FIDRES 0.094190 Hz
AQ 5.3084660 sec
RG 228.1
DM 81.000 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 6.06 usec
PL1 1.00 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

IC4
PROTON CDC13

3.873

1.544

2.75

5.98

4.0

3.5

3.0

2.5

2.0

1.5

ppm

IC4
PROTON CDC13

7.548
7.528
7.523
7.416
7.392
7.386

6.660
6.607

6.140

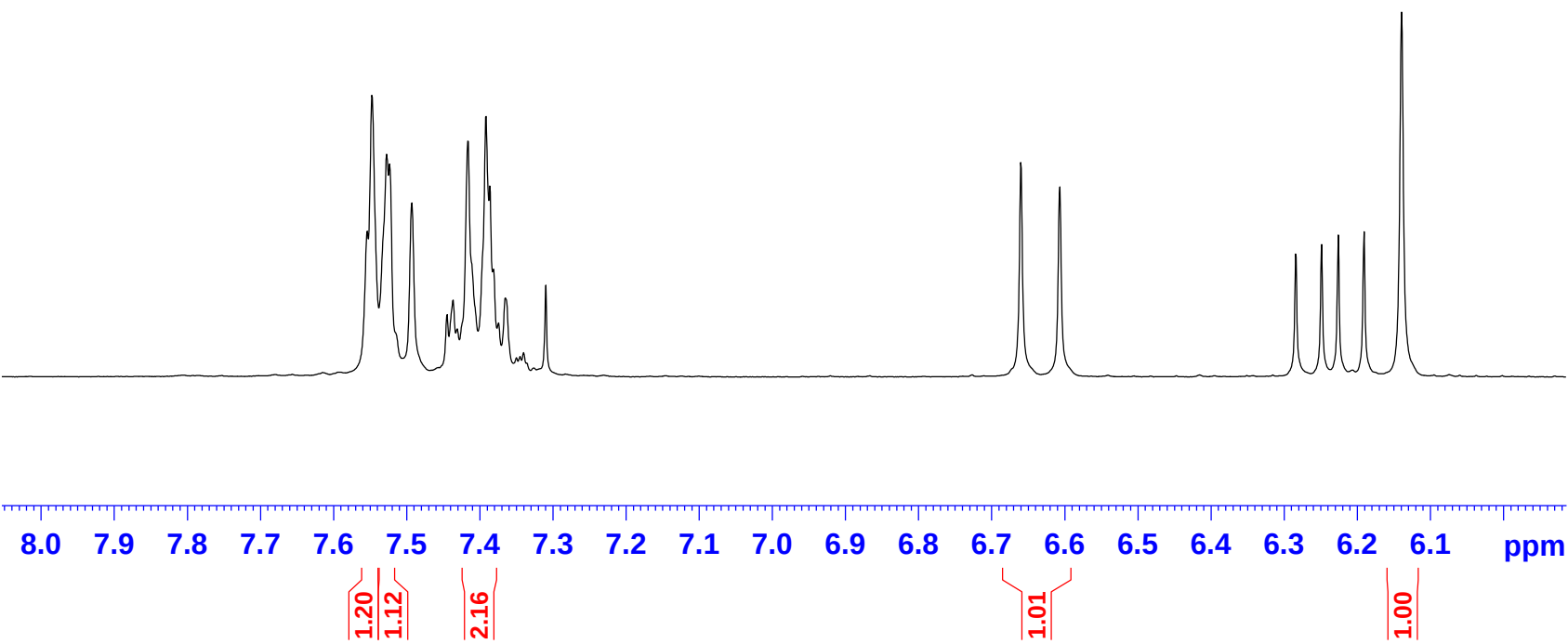


Current Data Parameters
NAME IC4
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141027
Time 11.24
INSTRUM spect
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 16
DS 2
SWH 6172.839 Hz
FIDRES 0.084190 Hz
AQ 5.3084660 sec
RG 228.1
DW 81.000 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
TD0 4

===== CHANNEL f1 =====
NUC1 1H
P1 6.00 usec
PL1 1.00 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
S1 32768
SF 300.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



IC4
PROTON CDC13



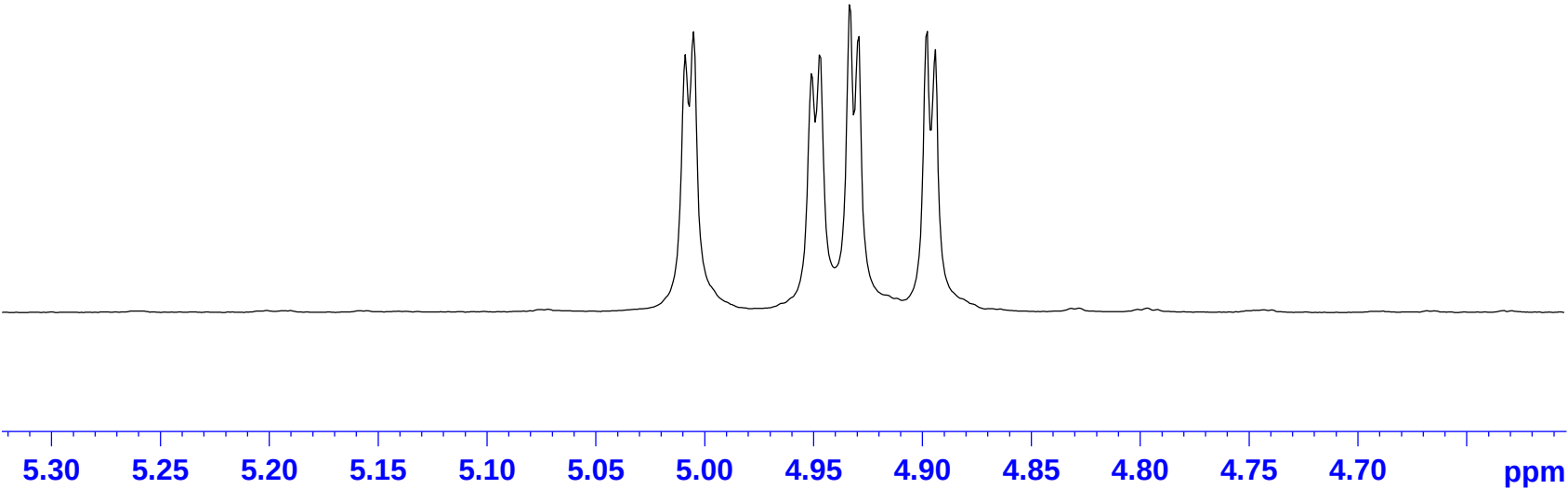
Current Data Parameters
NAME IC4
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141027
Time 11.24
INSTRUM spect
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 16
DS 2
SWH 6172.839 Hz
FIDRES 0.084190 Hz
AQ 5.3084660 sec
RG 228.1
DW 81.000 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
TD0 4

===== CHANNEL f1 =====
NUC1 1H
P1 6.00 usec
PL1 1.00 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
S1 32768
SF 300.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

5.009
5.005
4.951
4.947
4.933
4.930
4.898
4.894



0.98 0.98



Current Data Parameters
NAME IC4
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141027
Time 11.24
INSTRUM spect
PROBHD 5 mm QNP 1H/15
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 6172.839 Hz
FIDRES 0.094190 Hz
AQ 5.3084660 sec
RG 228.1
DW 81.000 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
TD0 4

===== CHANNEL f1 =====
NUC1 1H
P1 6.00 usec
PL1 1.00 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
S1 32768
SF 300.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

IC4
PROTON CDCl3

3.873

1.544

4.0

3.5

3.0

2.5

2.0

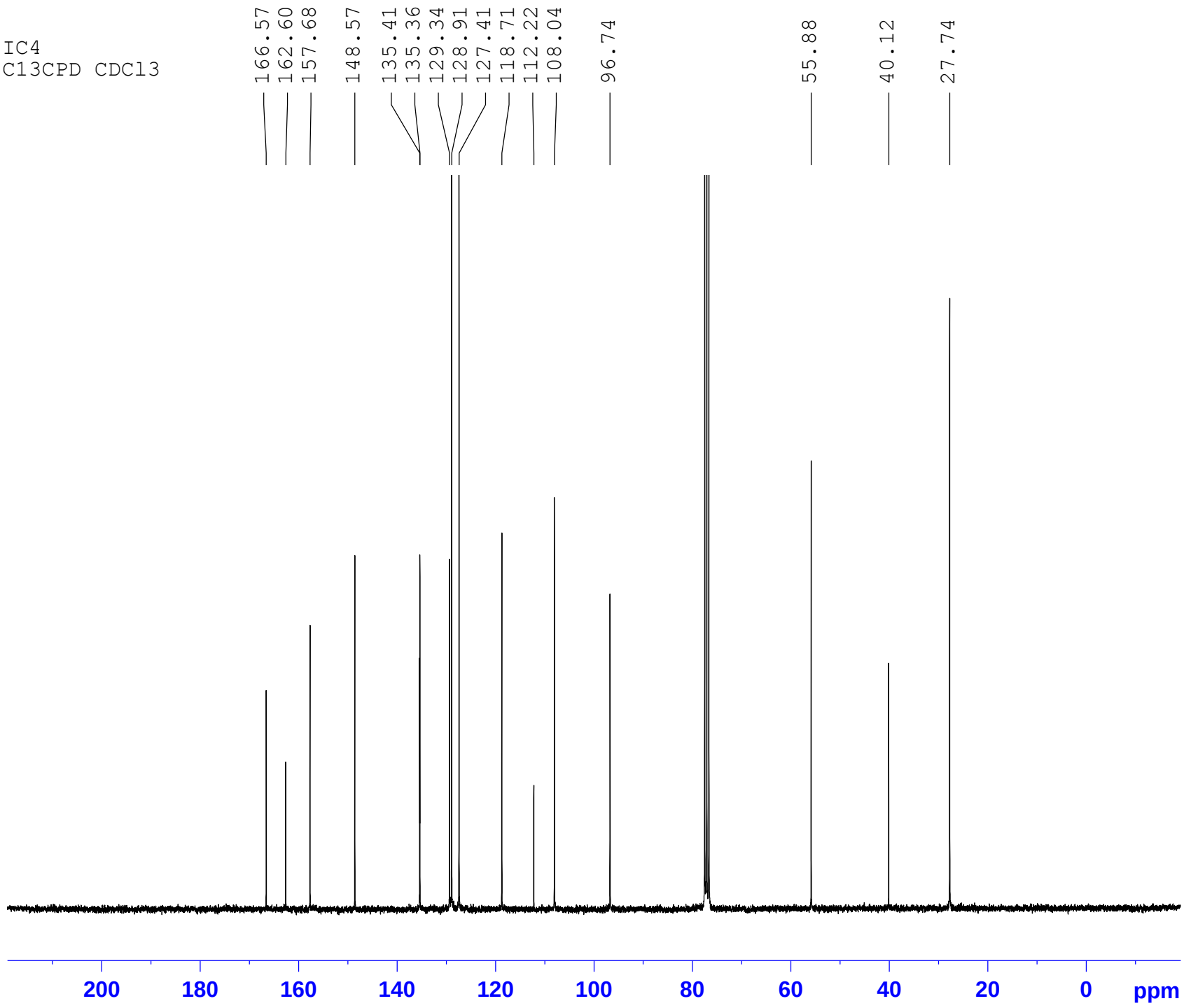
1.5

ppm

2.83

5.87

IC4
C13CPD CDC13





Current Data Parameters

NAME	IC4
EXPNO	11
PROCNO	1

F2 - Acquisition Parameters

Date_	20140207
Time	21.45
INSTRUM	
PROBHD	5 mm QNP 1H/13
PULPROG	zgpg30
TD	65536
SOLVENT	CDCl3
NS	3072
DS	4
SWH	17985.611 Hz
FIDRES	0.274439 Hz
AQ	1.8219508 sec
RG	13004
OW	27.800 usec
DE	6.00 usec
TE	300.2 K
D1	2.00000000 sec
d11	0.00000000 sec
DELTA	1.89999999 sec
TD0	1

===== CHANNEL f1 =====

NUC1	13C
P1	6.62 usec
PL1	-2.00 dB
SFO1	75.4751913 MHz

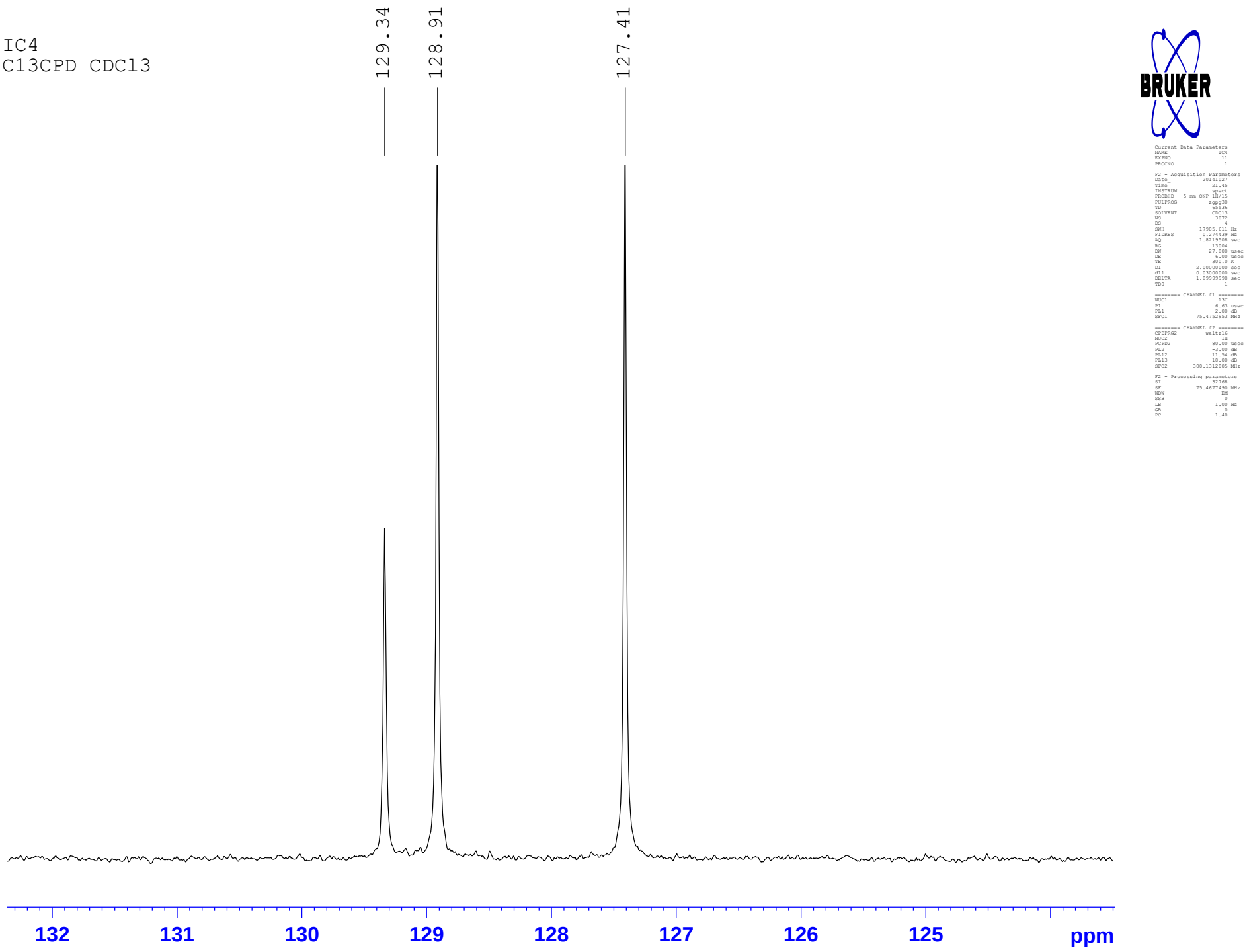
===== CHANNEL f2 =====

CPDPRG2	wait16
NUC2	1H
PCPD2	80.00 usec
PL2	-3.00 dB
PL12	11.94 dB
PL13	18.00 dB
SFO2	300.1312005 MHz

F2 - Processing parameters

SF	52780
RF	75.4677490 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

IC4
C13CPD CDC13



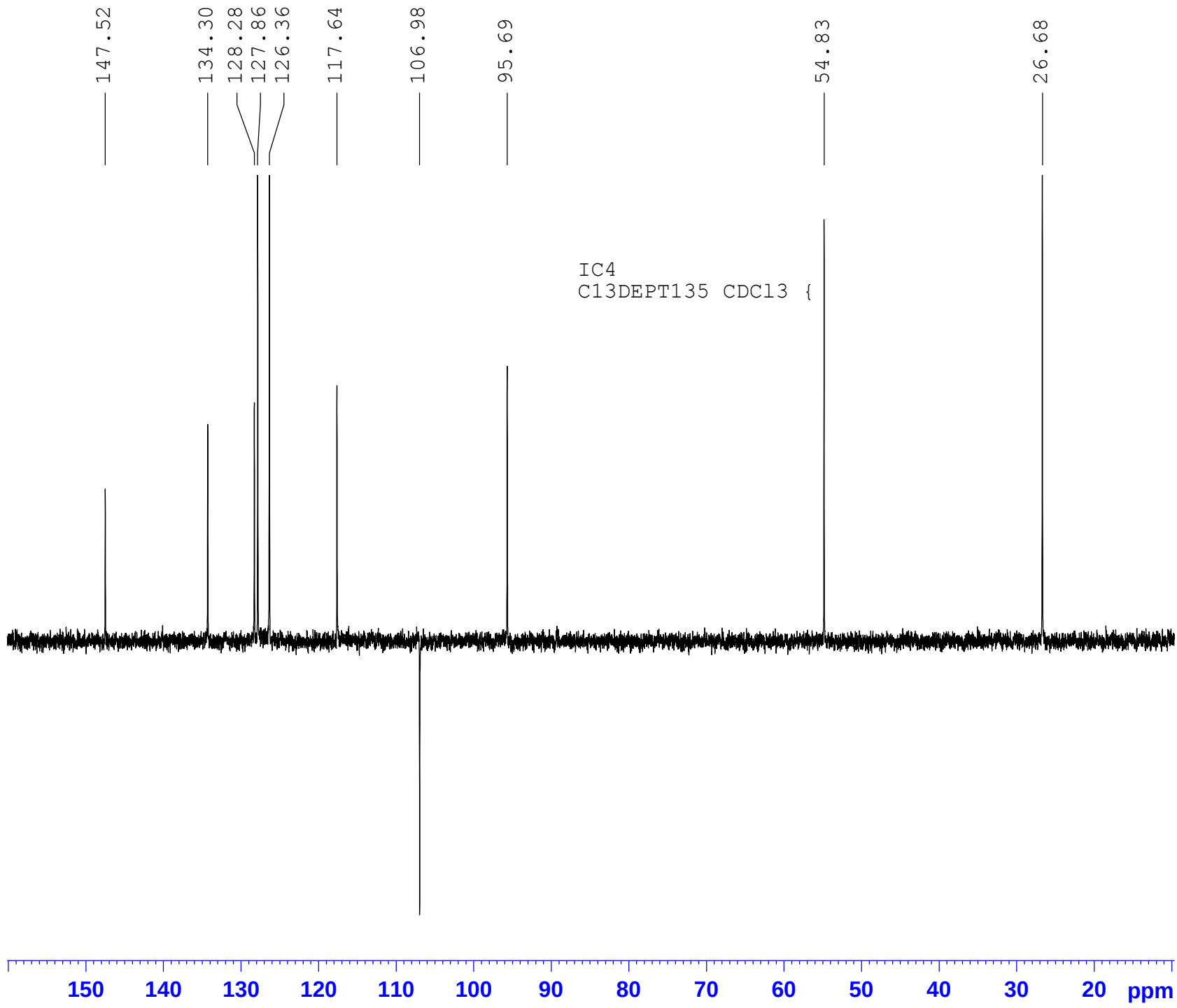
Current Data Parameters
NAME IC4
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140207
Time 21.45
INSTRUM spect
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
FIDRES 0.3072
SOLVENT CDCl3
NS 3072
DS 4
SWH 17985.611 Hz
FIDRES 0.274439 Hz
AQ 1.621506 sec
RG 13004
DW 27.800 usec
DE 6.00 usec
TE 300.2 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999999 sec
TD 1

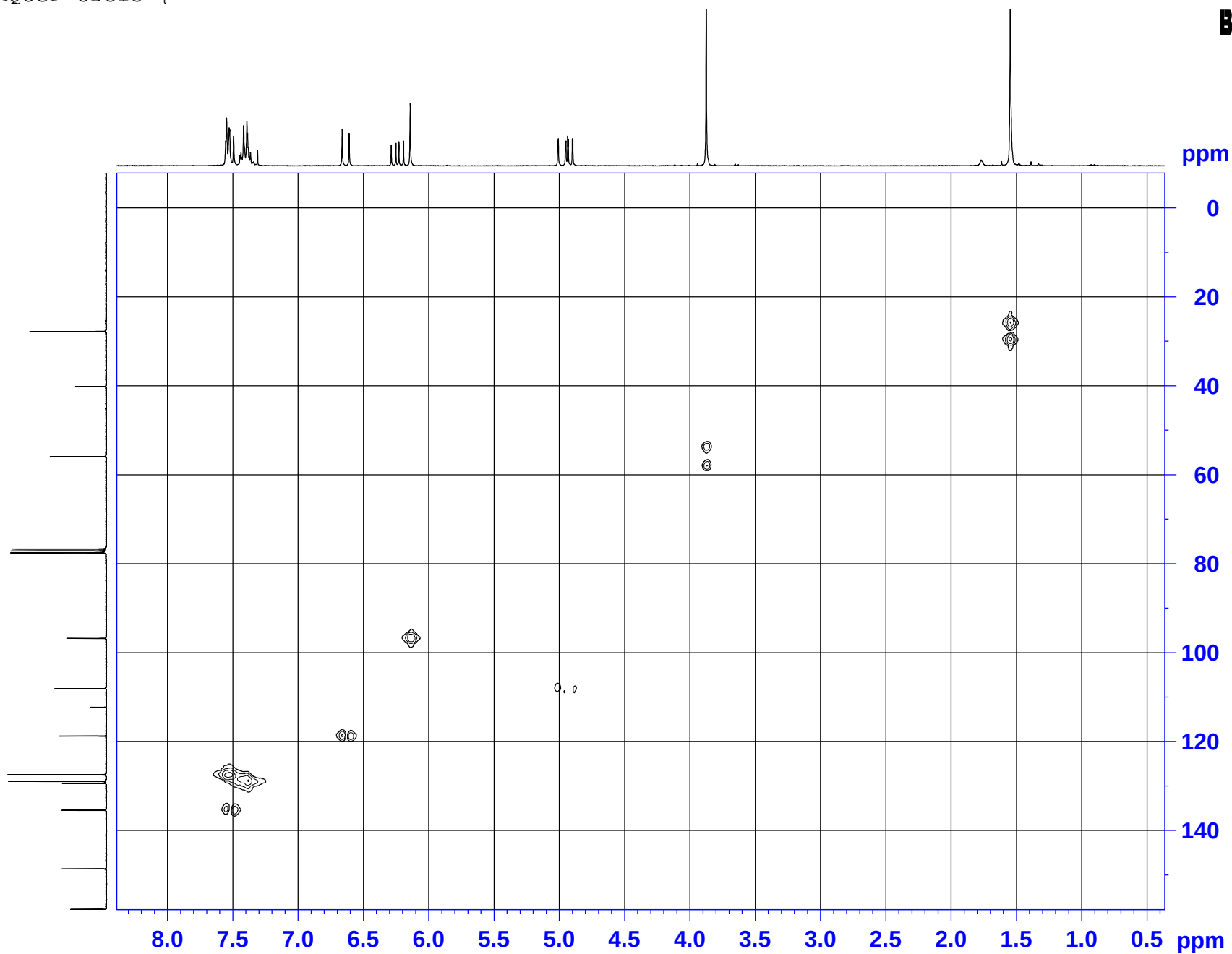
===== CHANNEL f1 =====
NUC1 13C
P1 6.62 usec
PL1 2.00 dB
SFO1 75.4752913 MHz

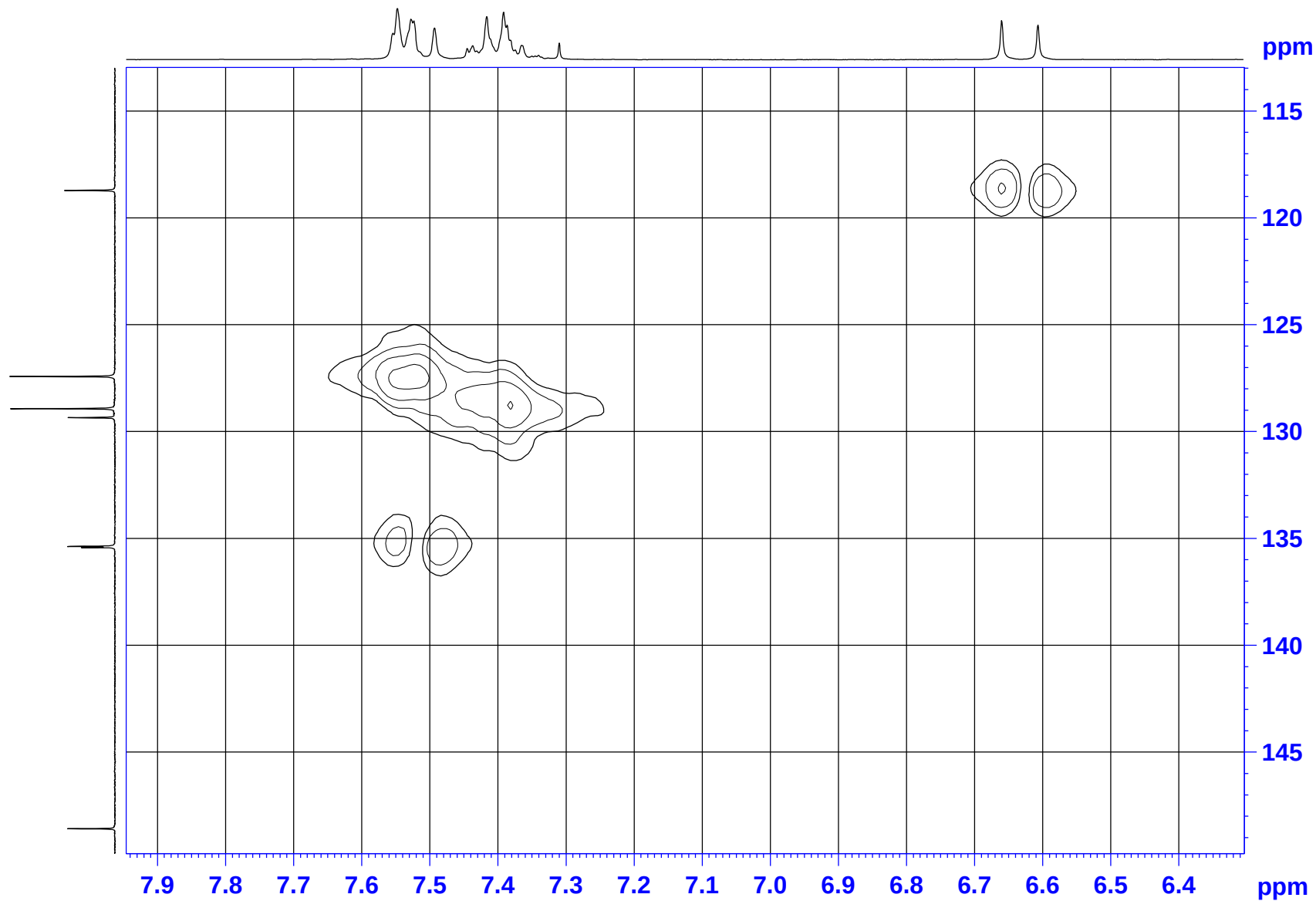
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC1 1H
PCPD2 80.00 usec
PL2 -3.00 dB
PL12 11.54 dB
PL13 18.00 dB
SFO2 300.1312005 MHz

F2 - Processing parameters
SI 32768
SF 75.4677450 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

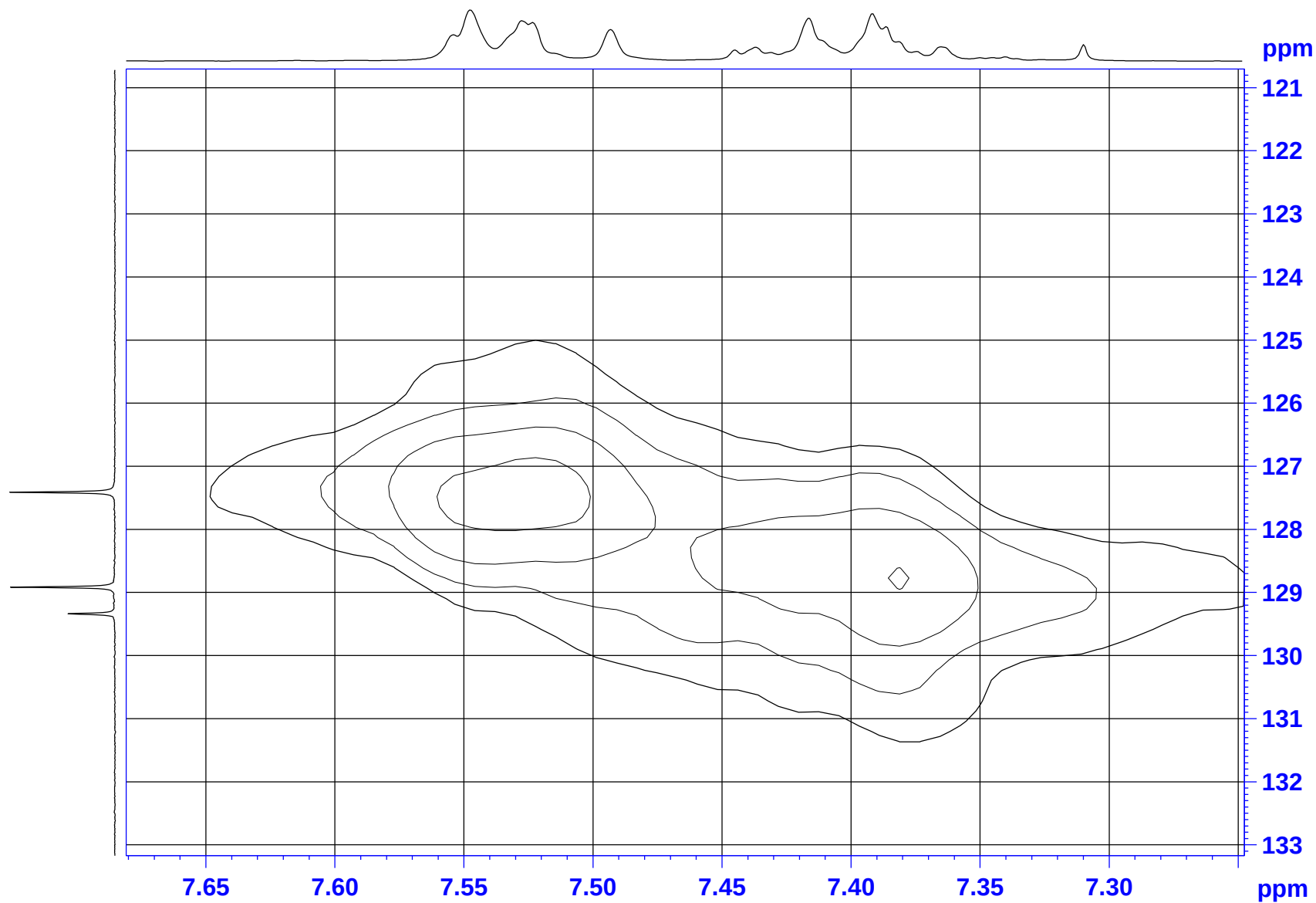


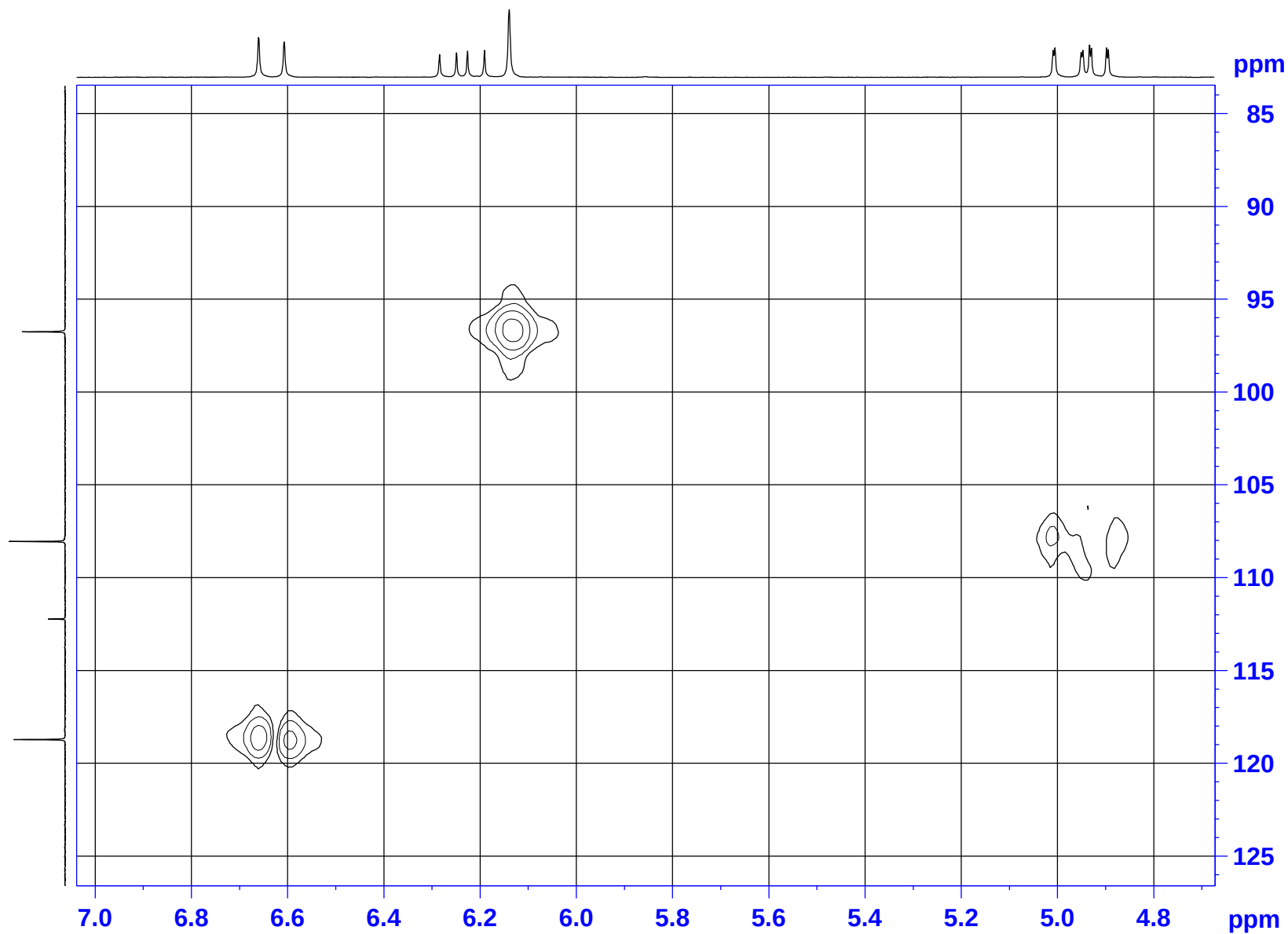
IC4
HMQCGP CDC13 {



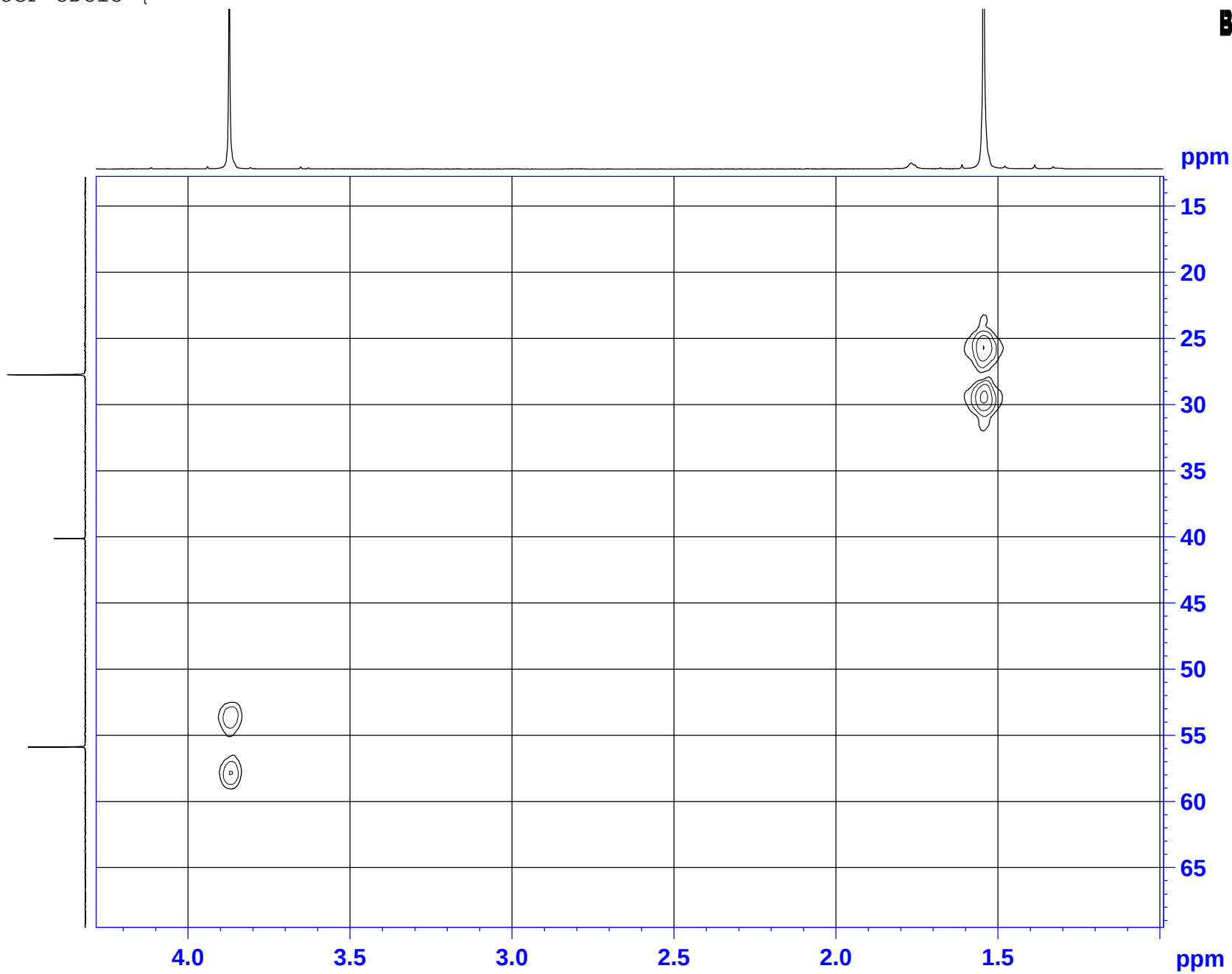


IC4
HMQCGP CDC13 {

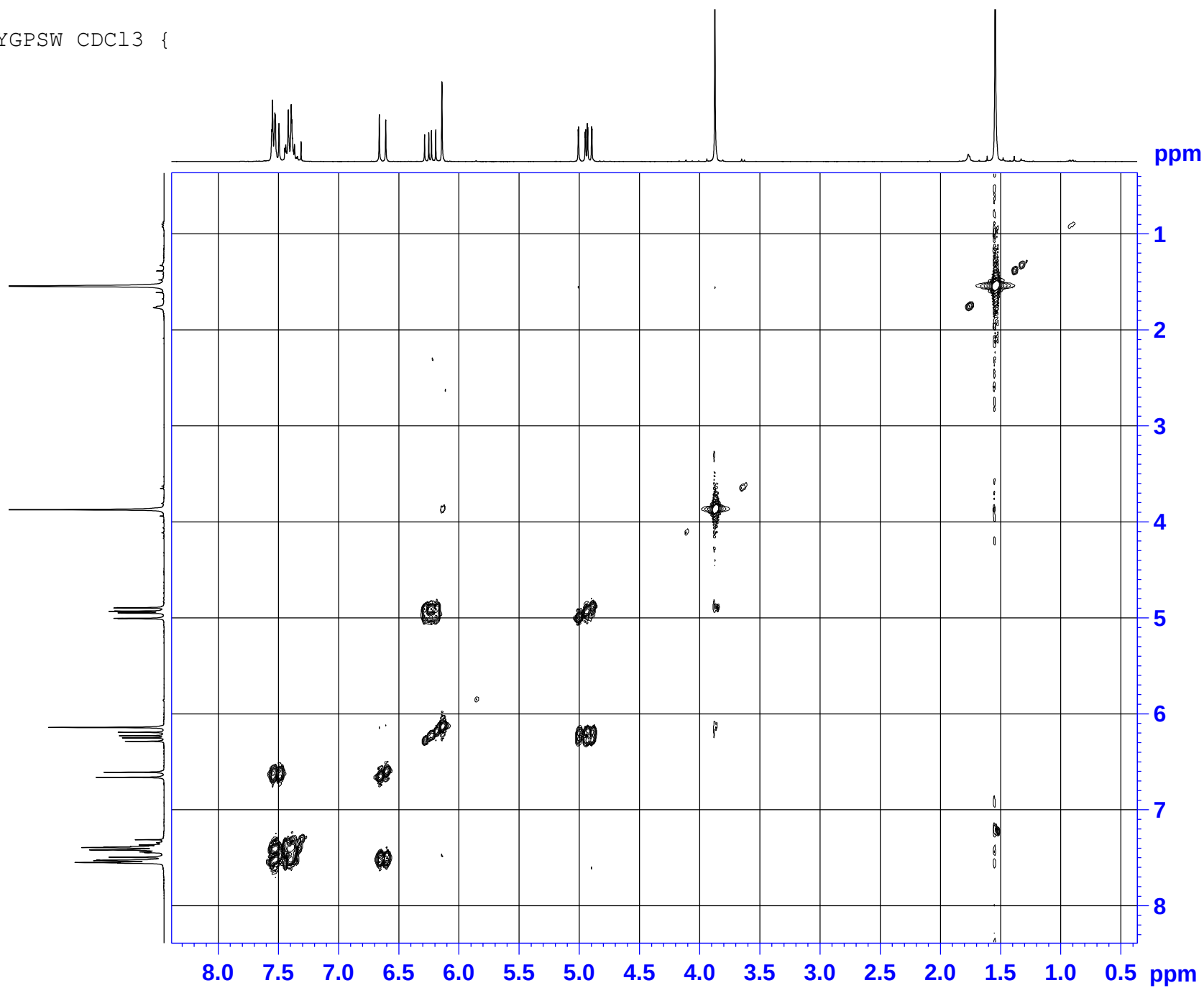




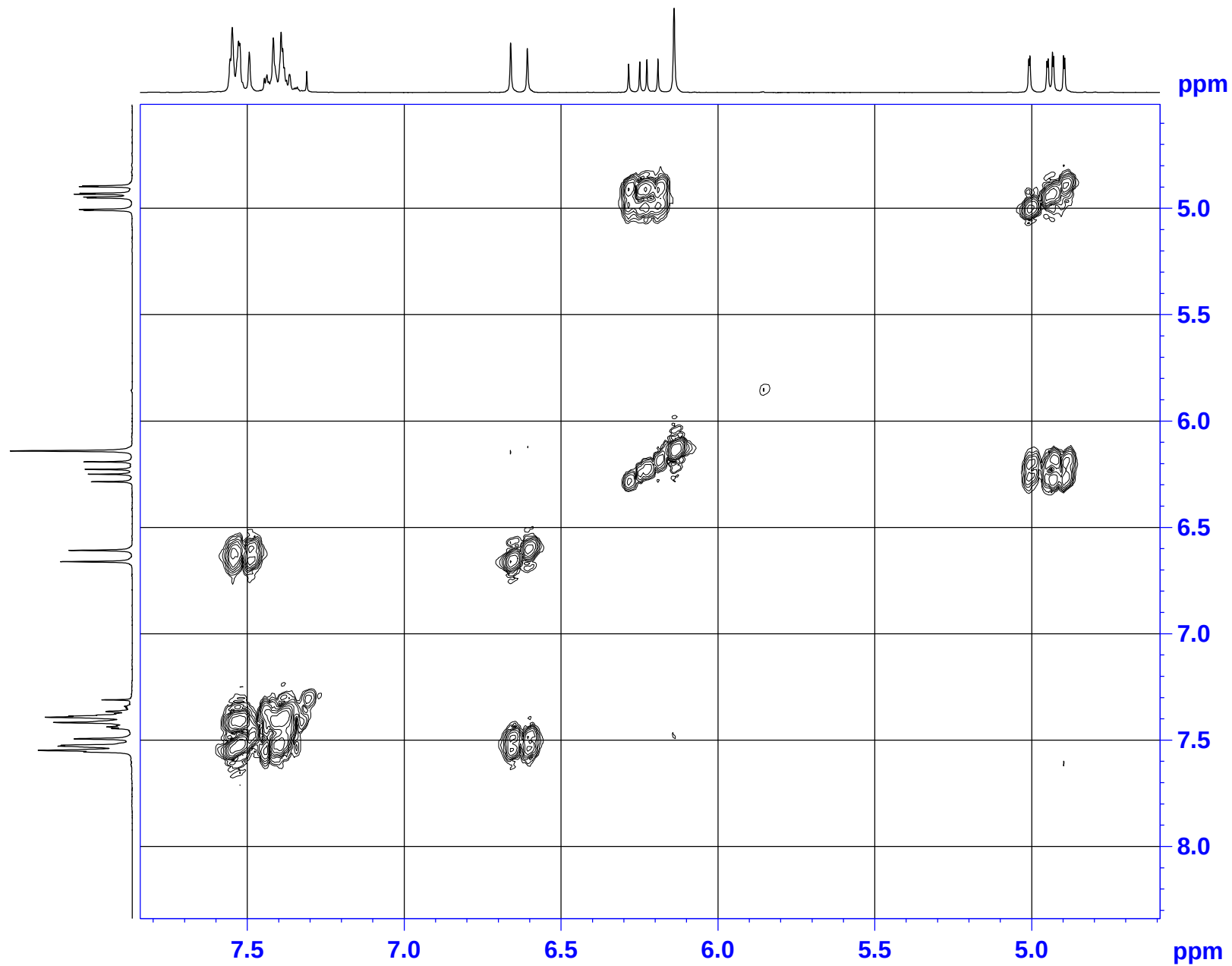
IC4
HMQCGP CDC13 {



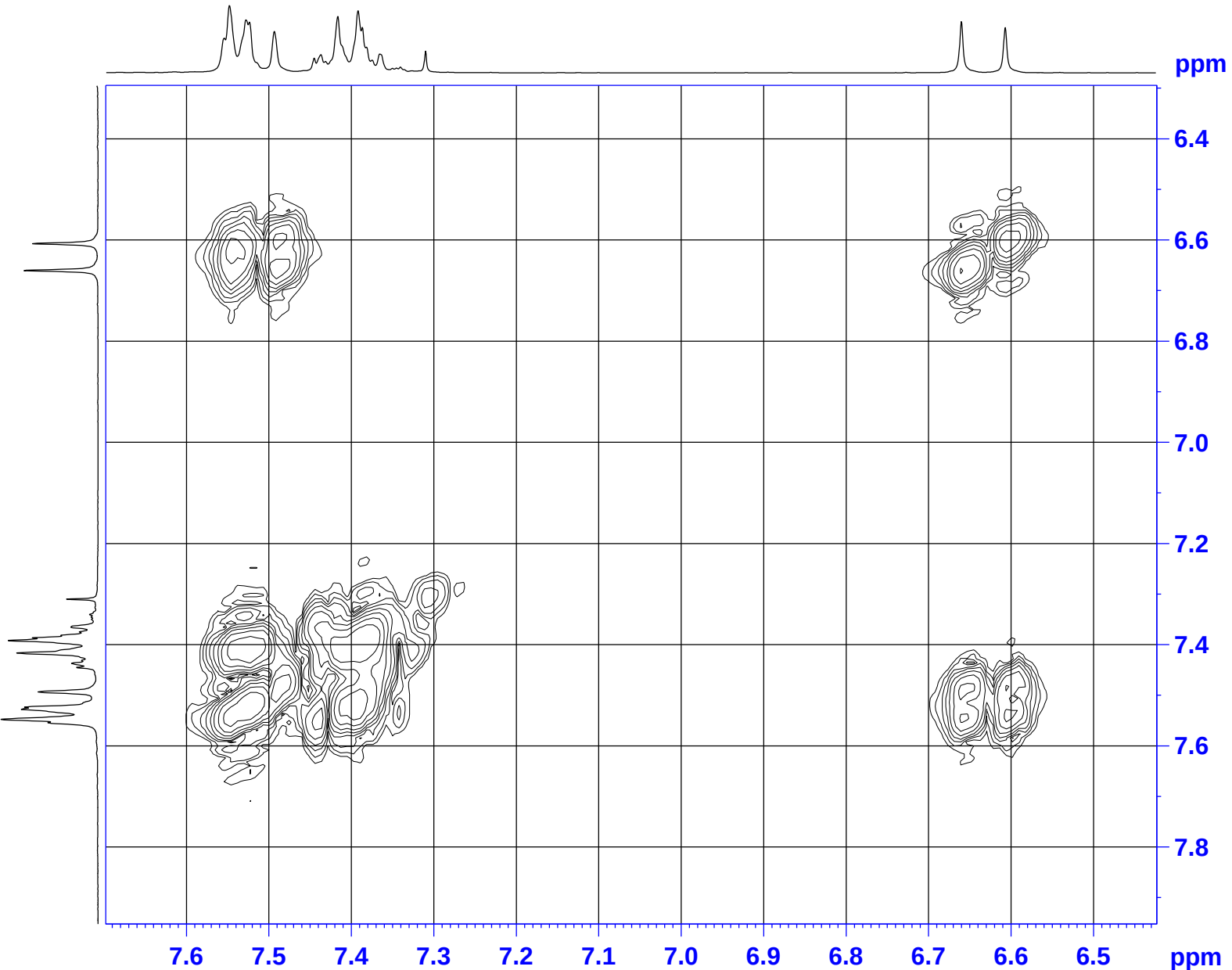
IC4
COSYGPSW CDC13 {



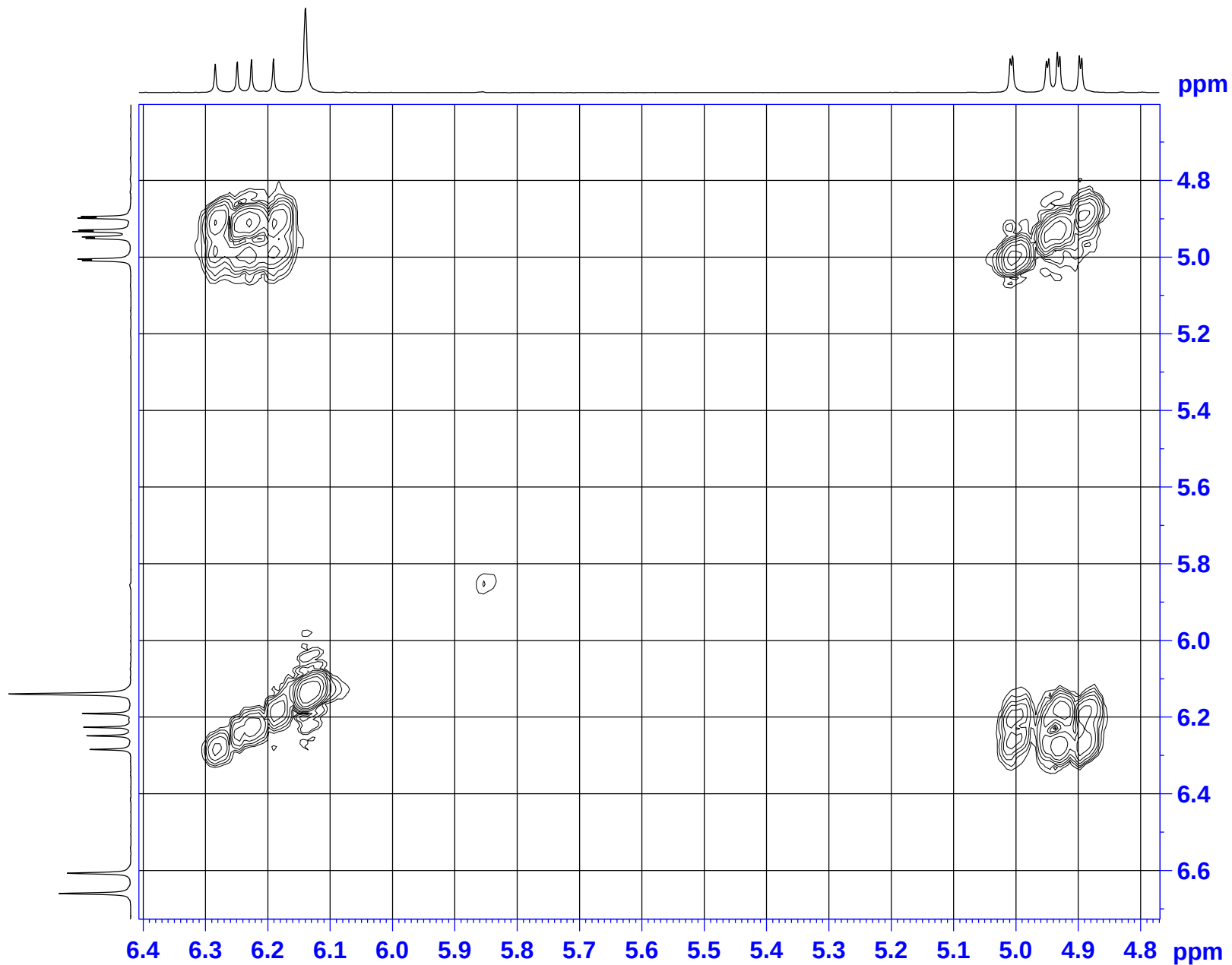
IC4
COSYGPSW CDC13 {



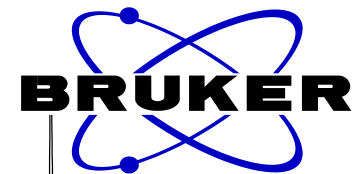
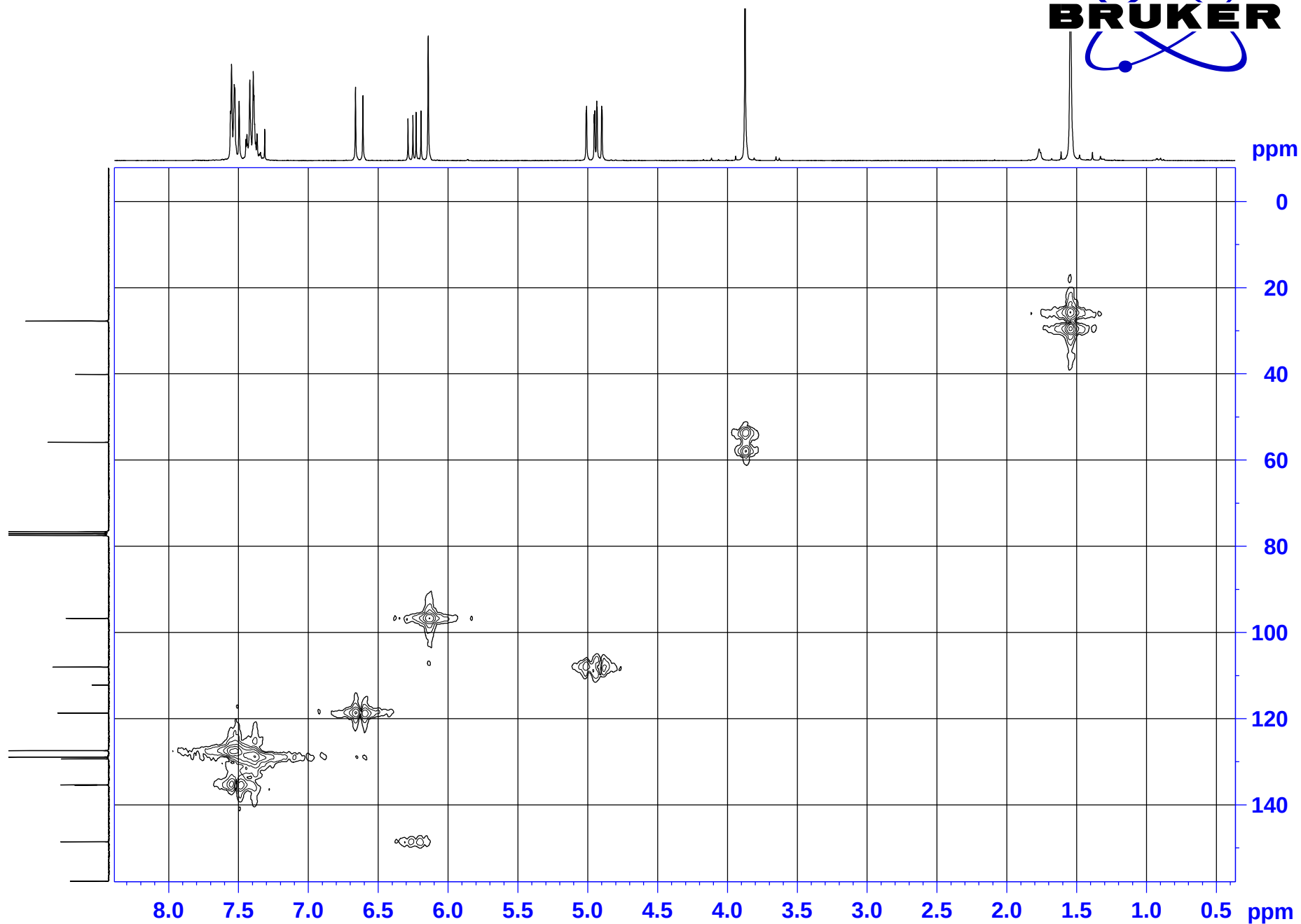
IC4
COSYGPSW CDC13 {

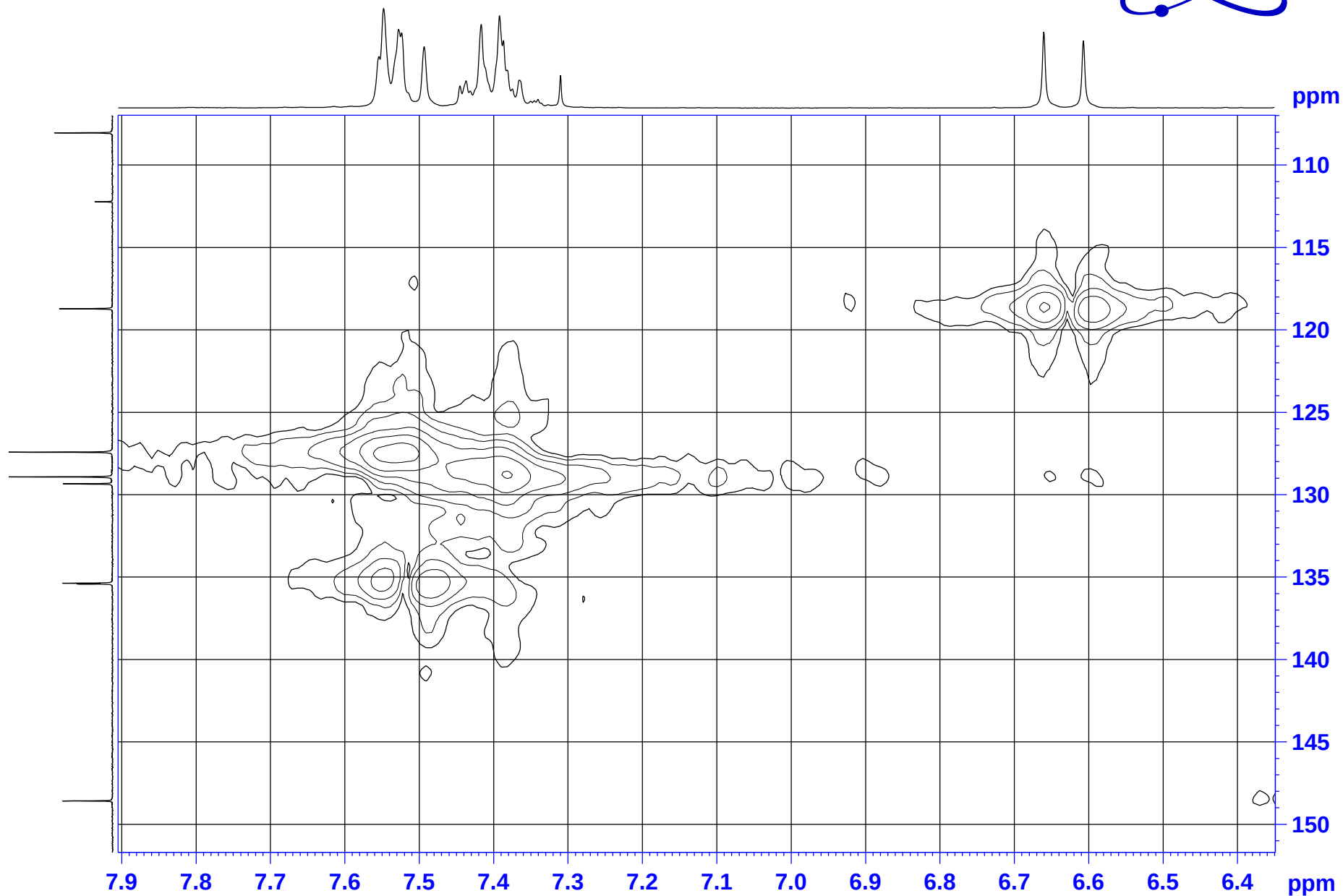


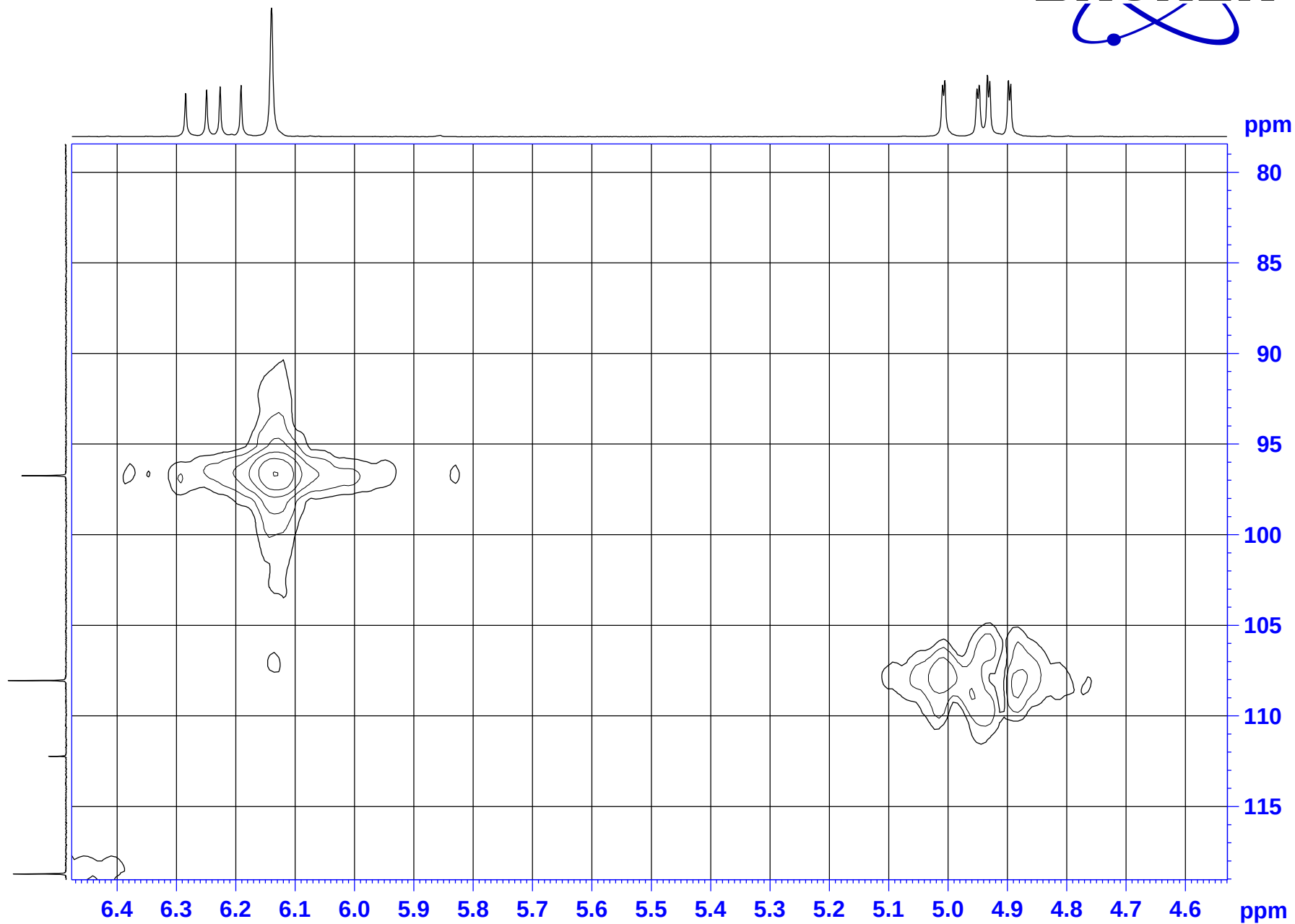
IC4
COSYGPSW CDC13 {

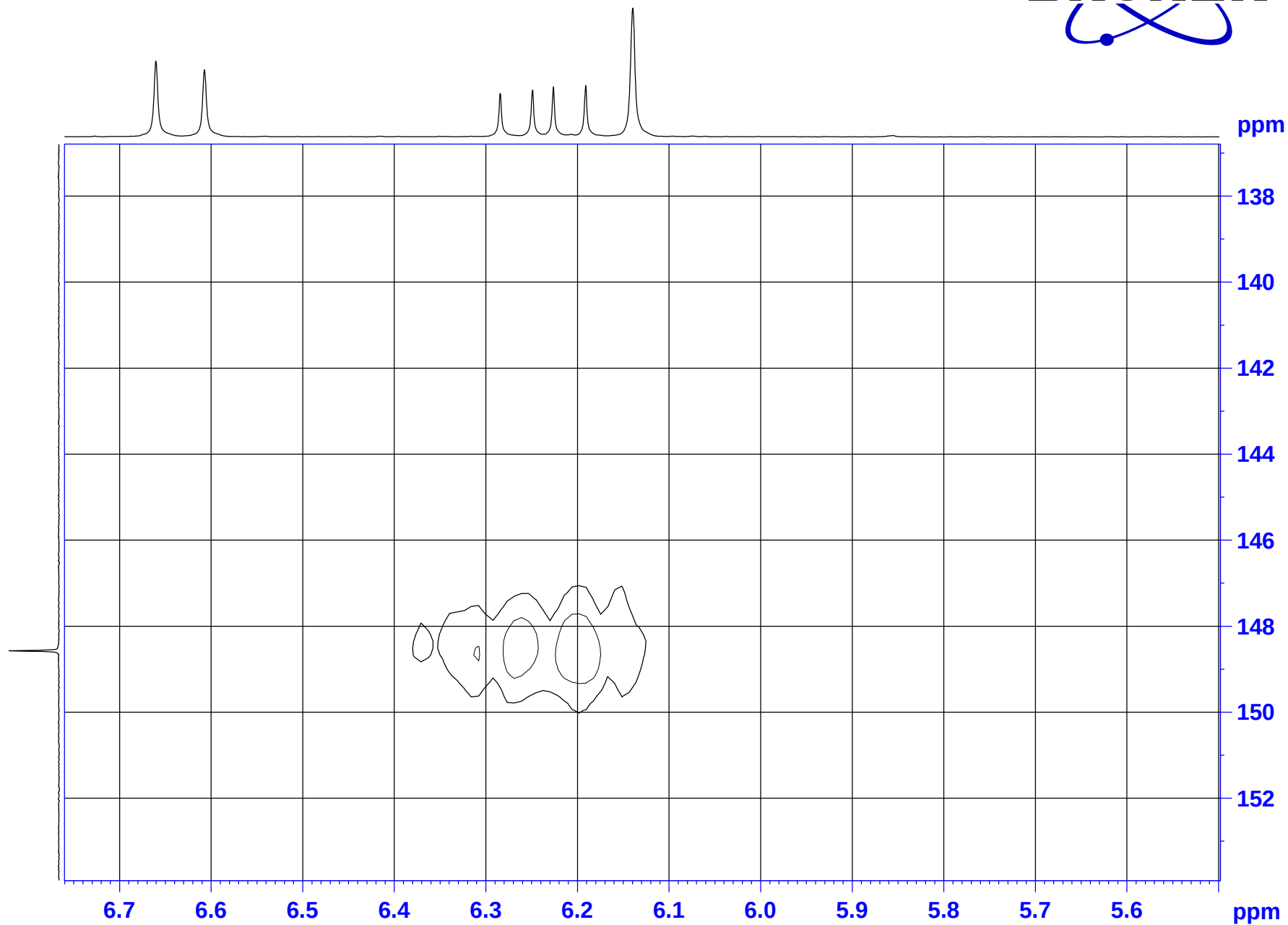


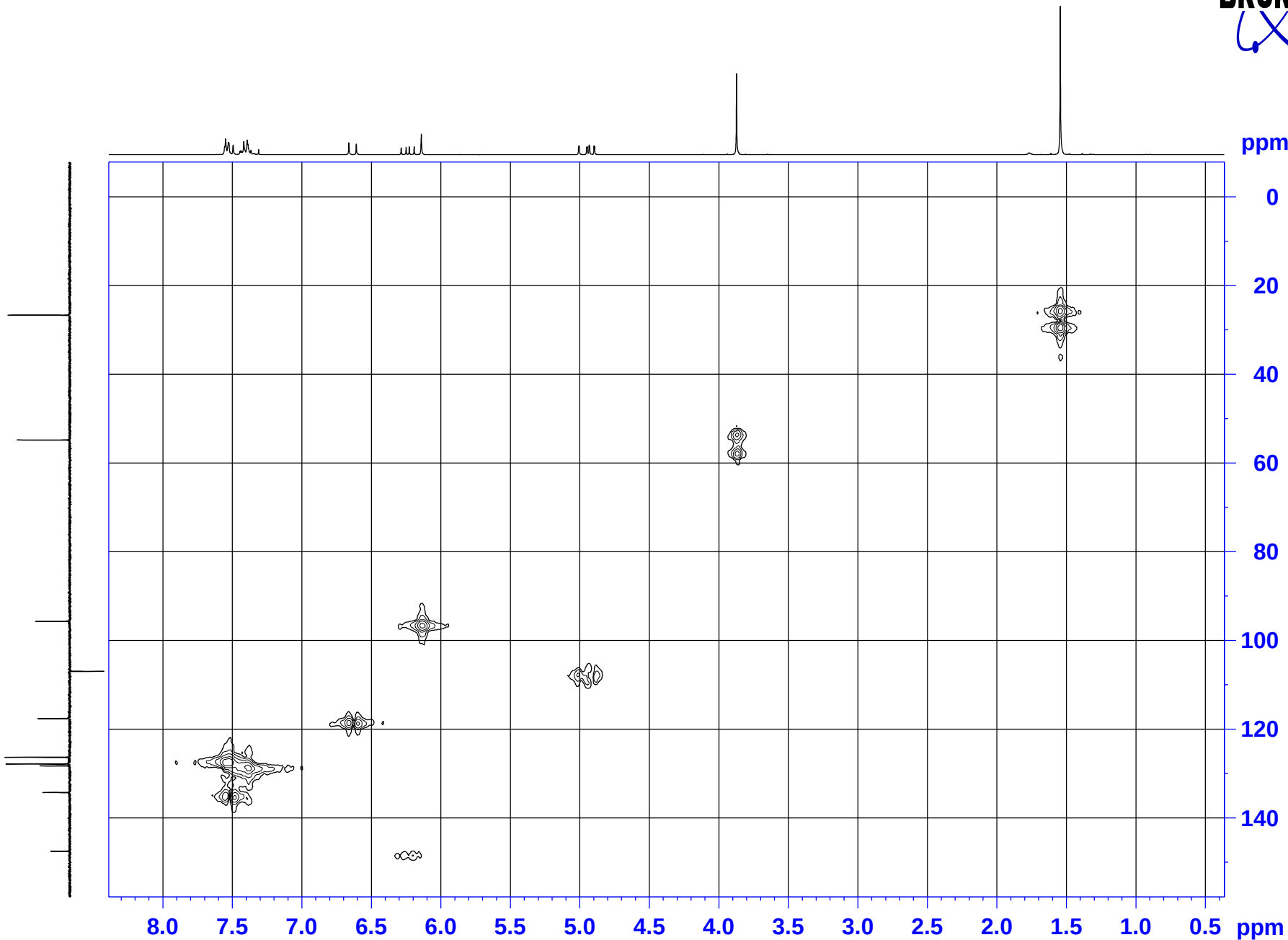
IC4
HMQCGP CDC13

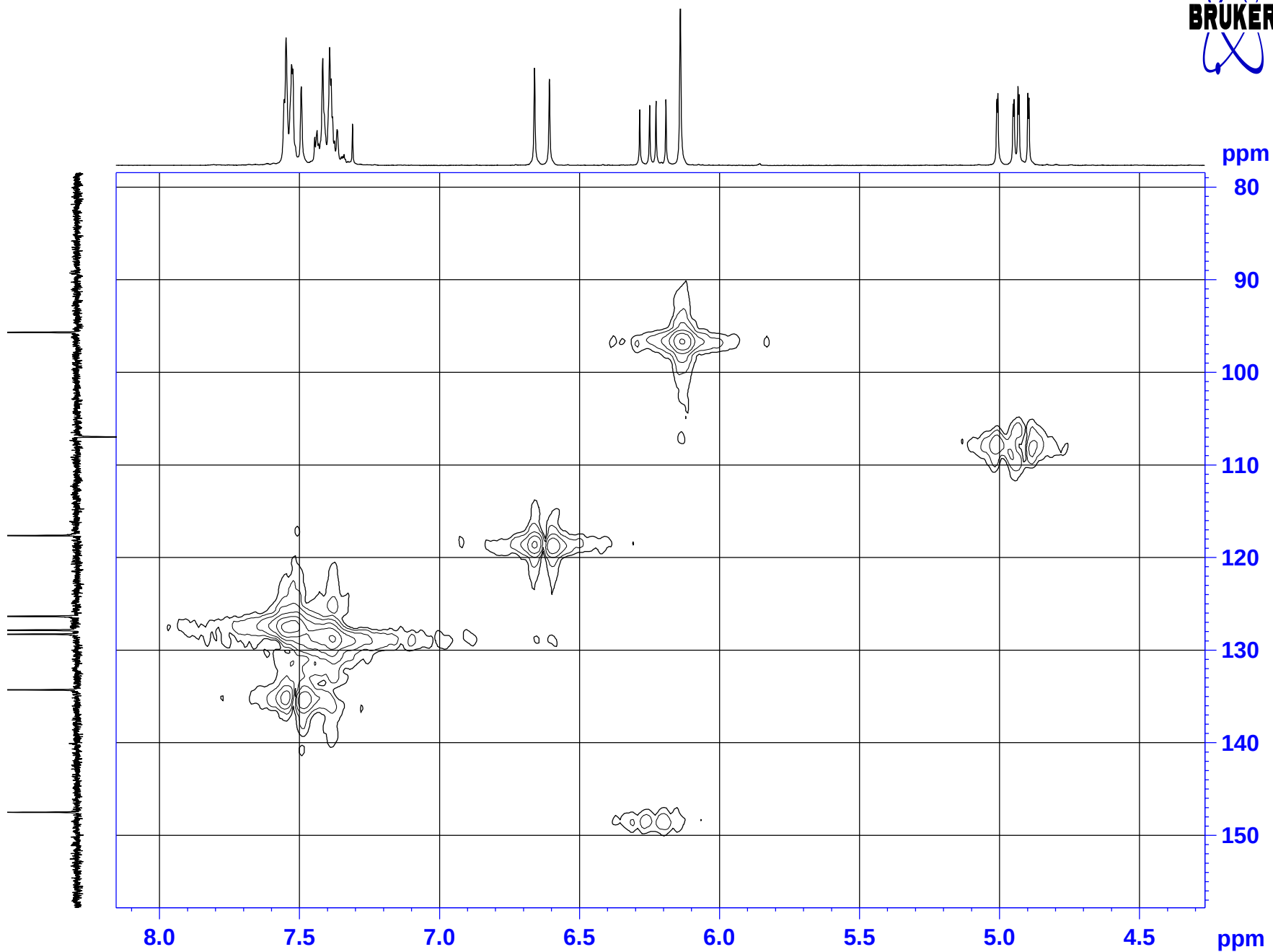


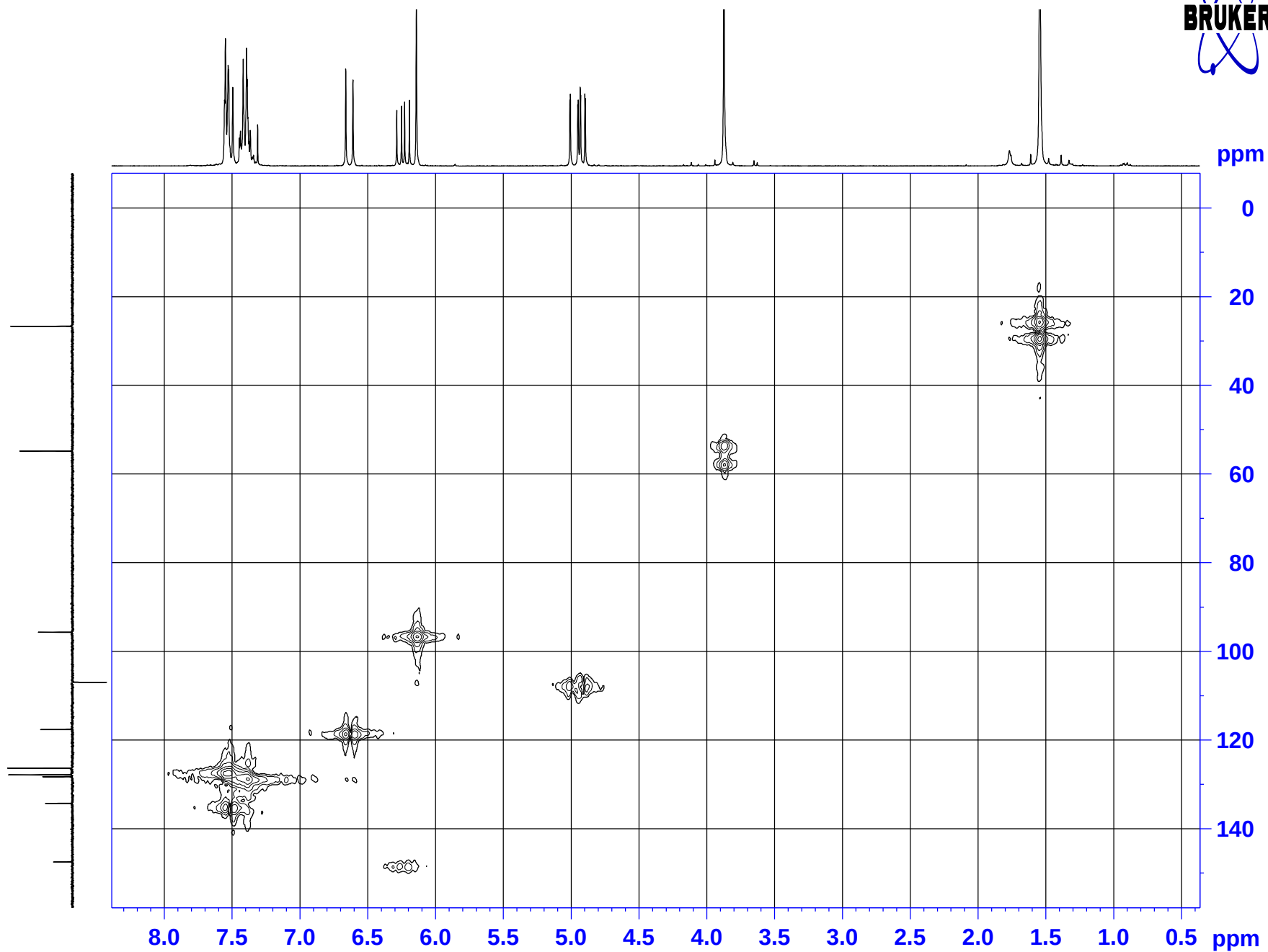


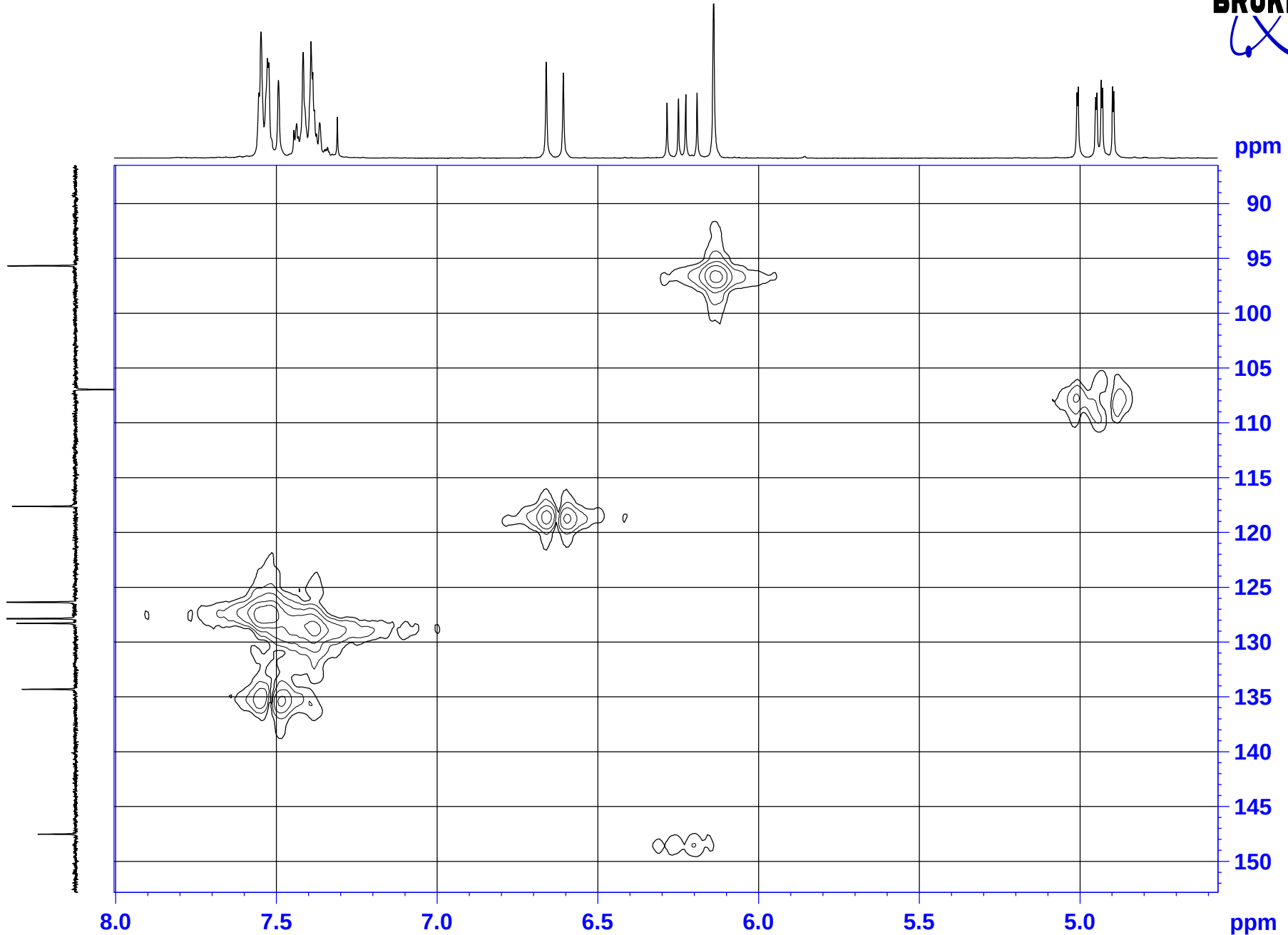


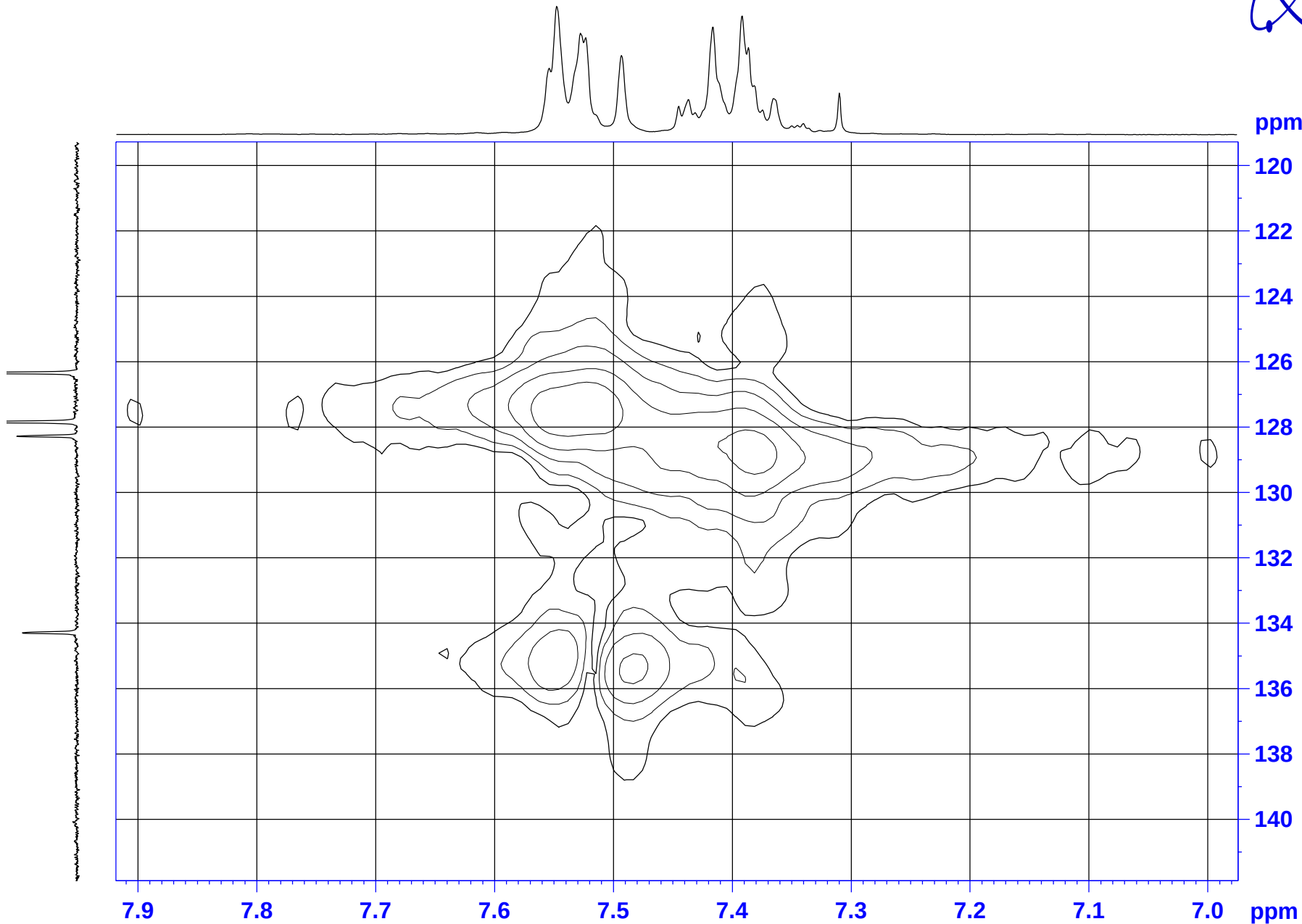




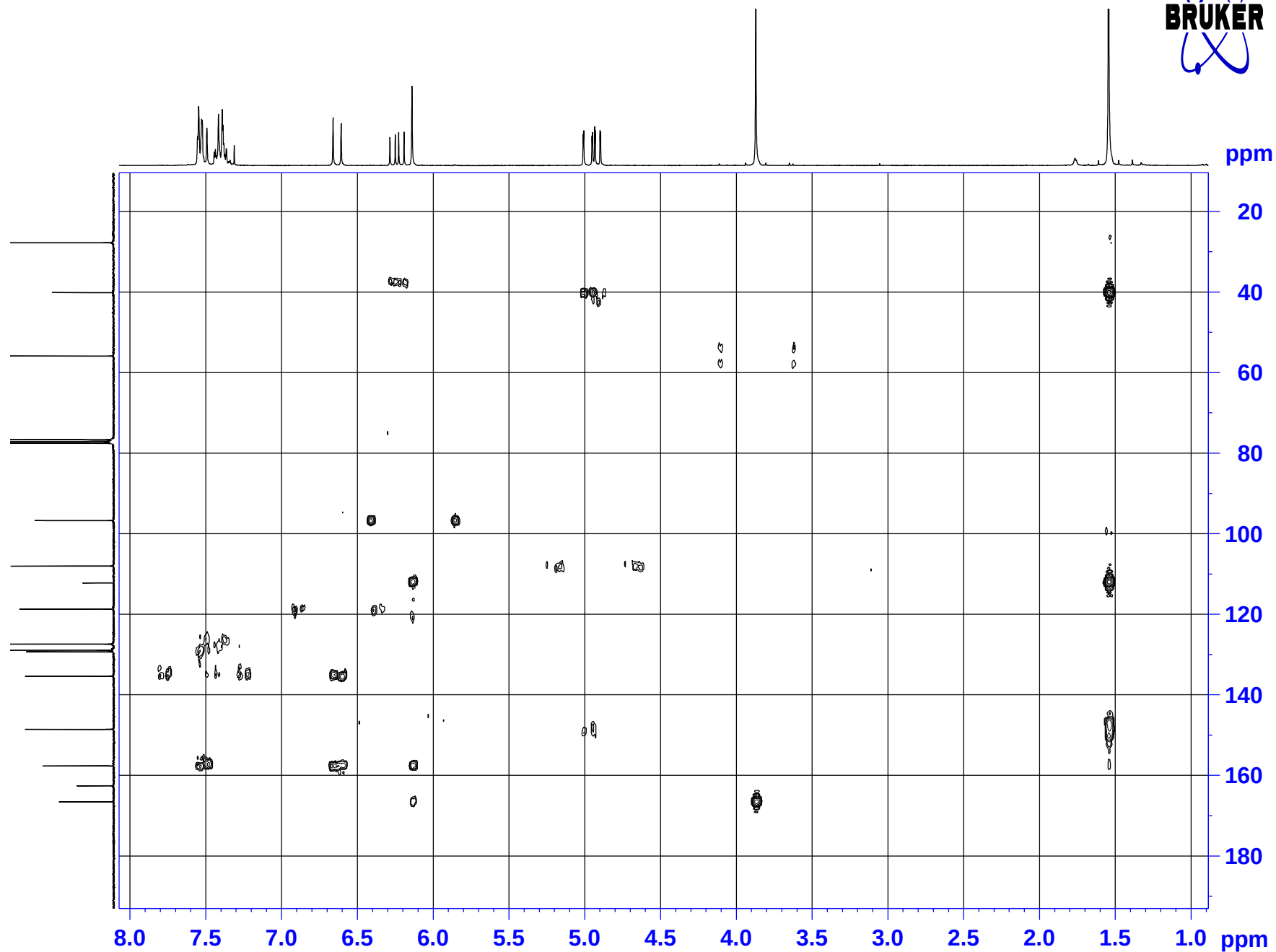




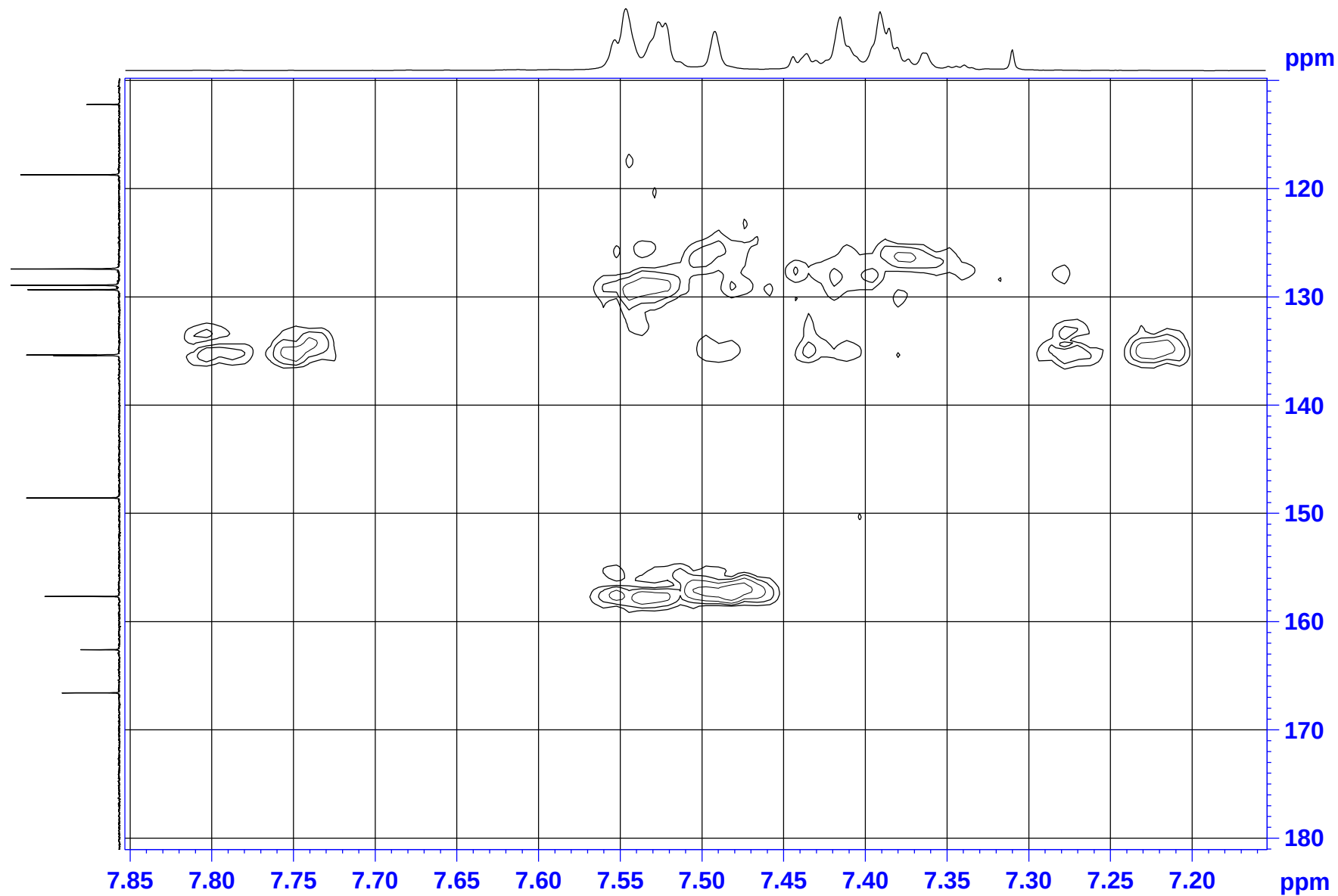


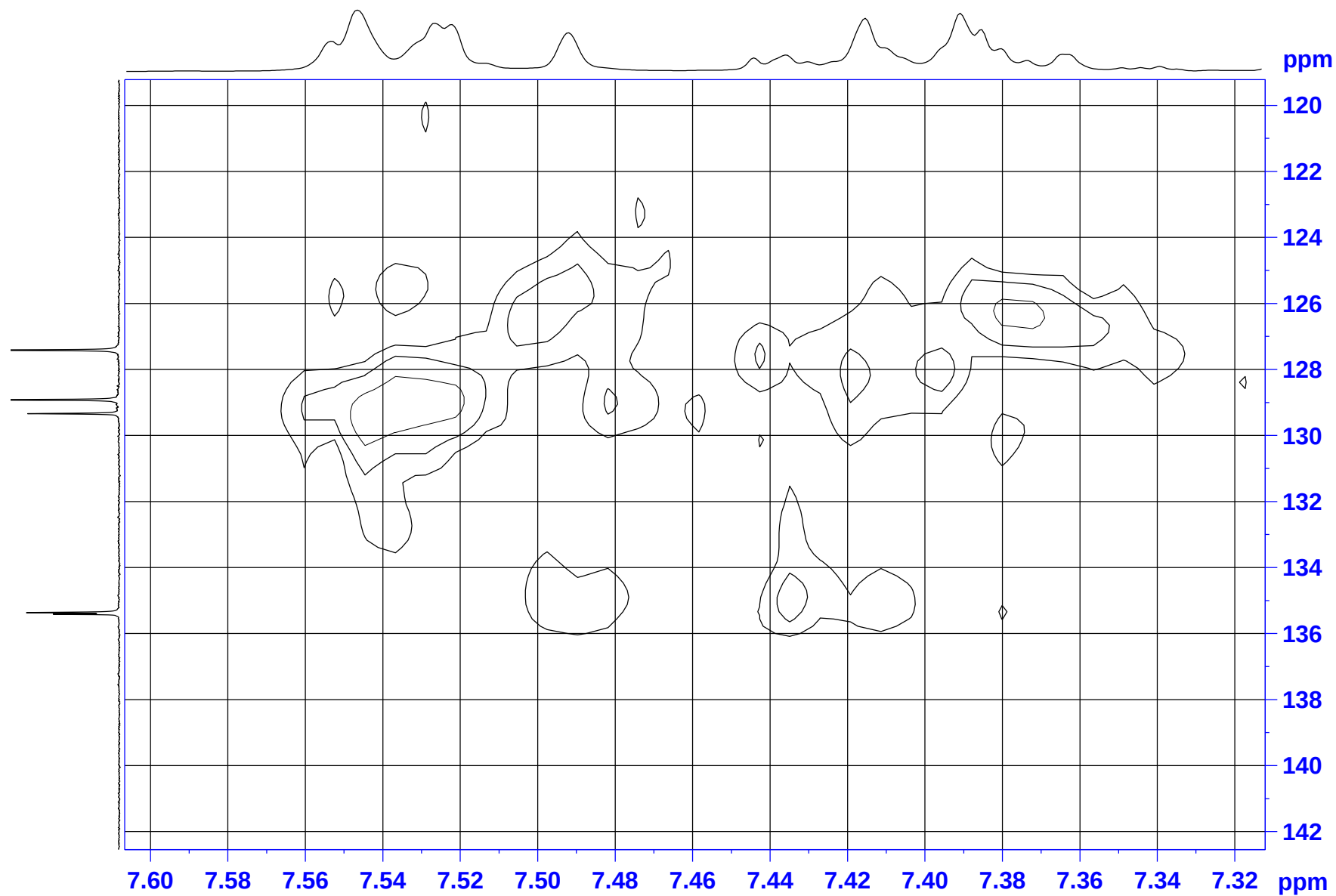


IC4
HMBCGPND CDC13 {

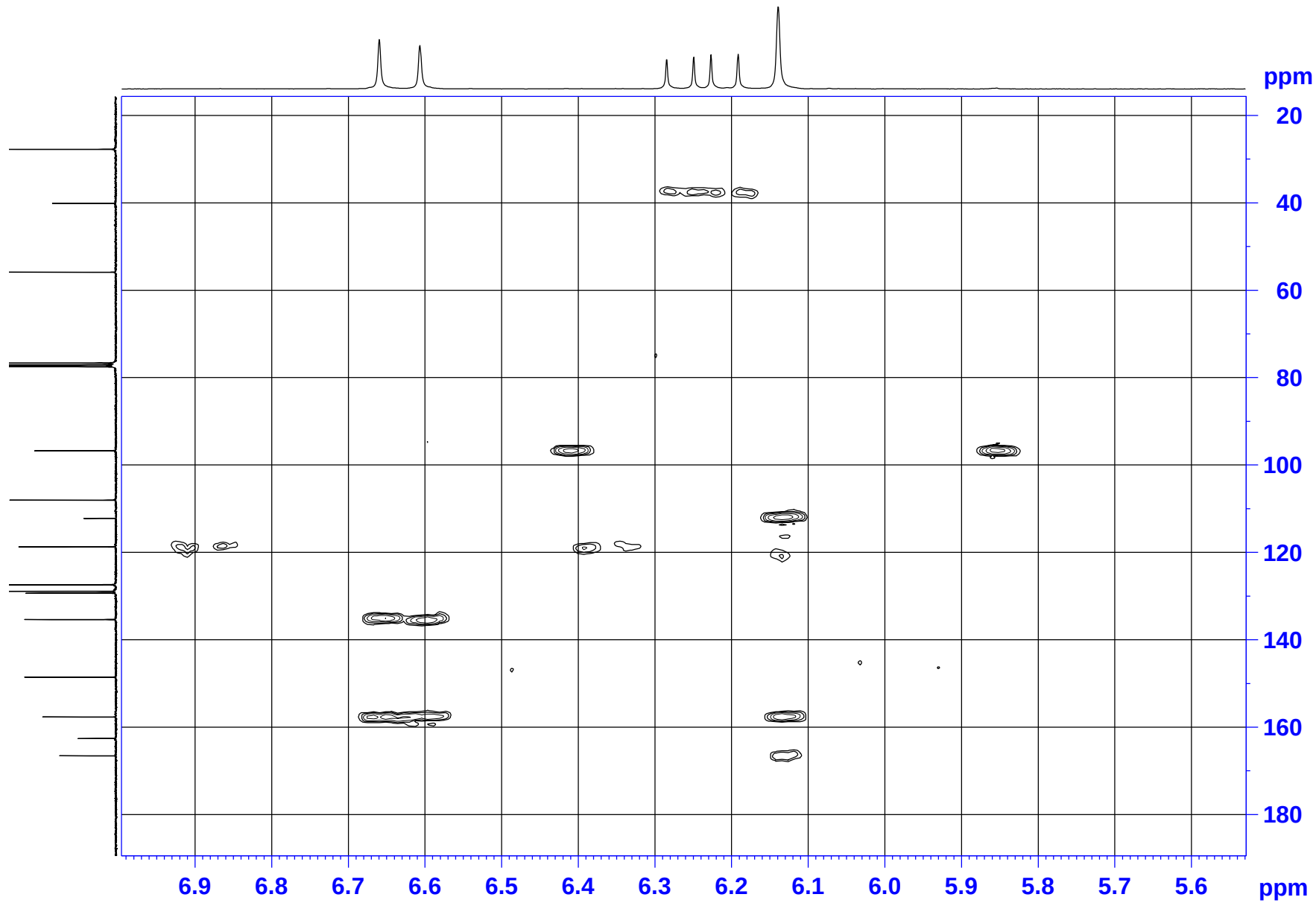


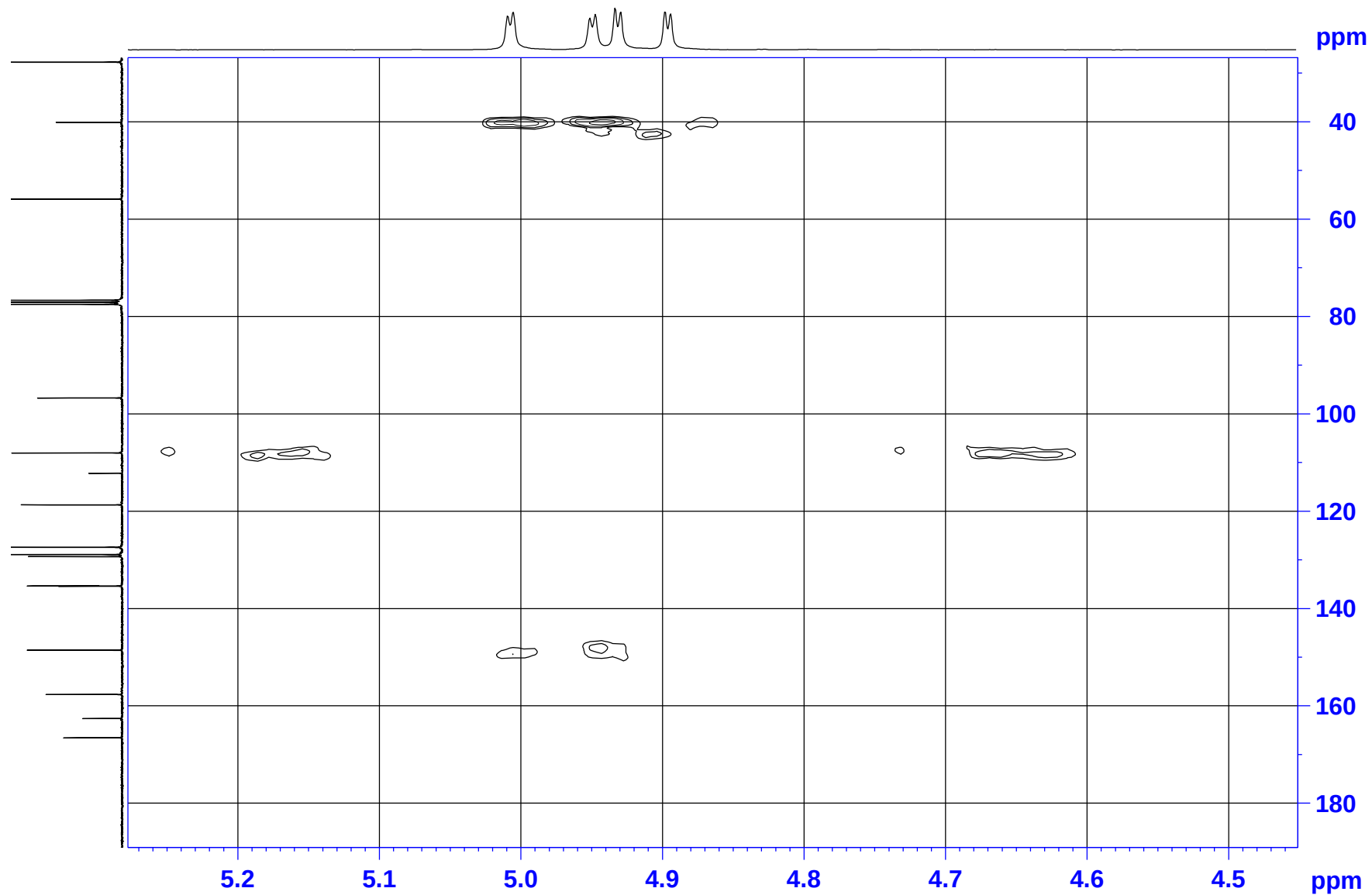
IC4
HMBCGPND CDC13 {



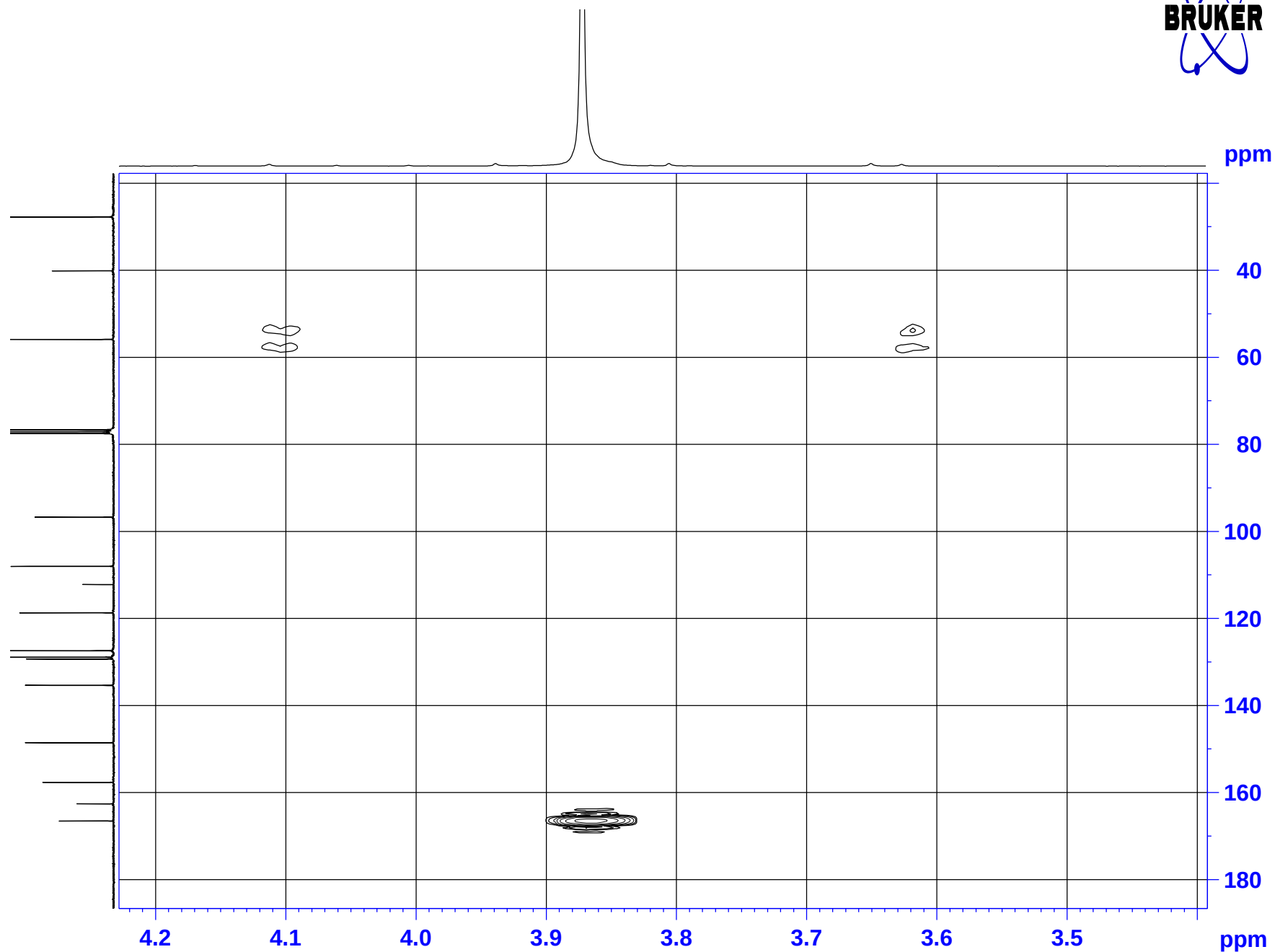


HMBCGPND CDC13 {

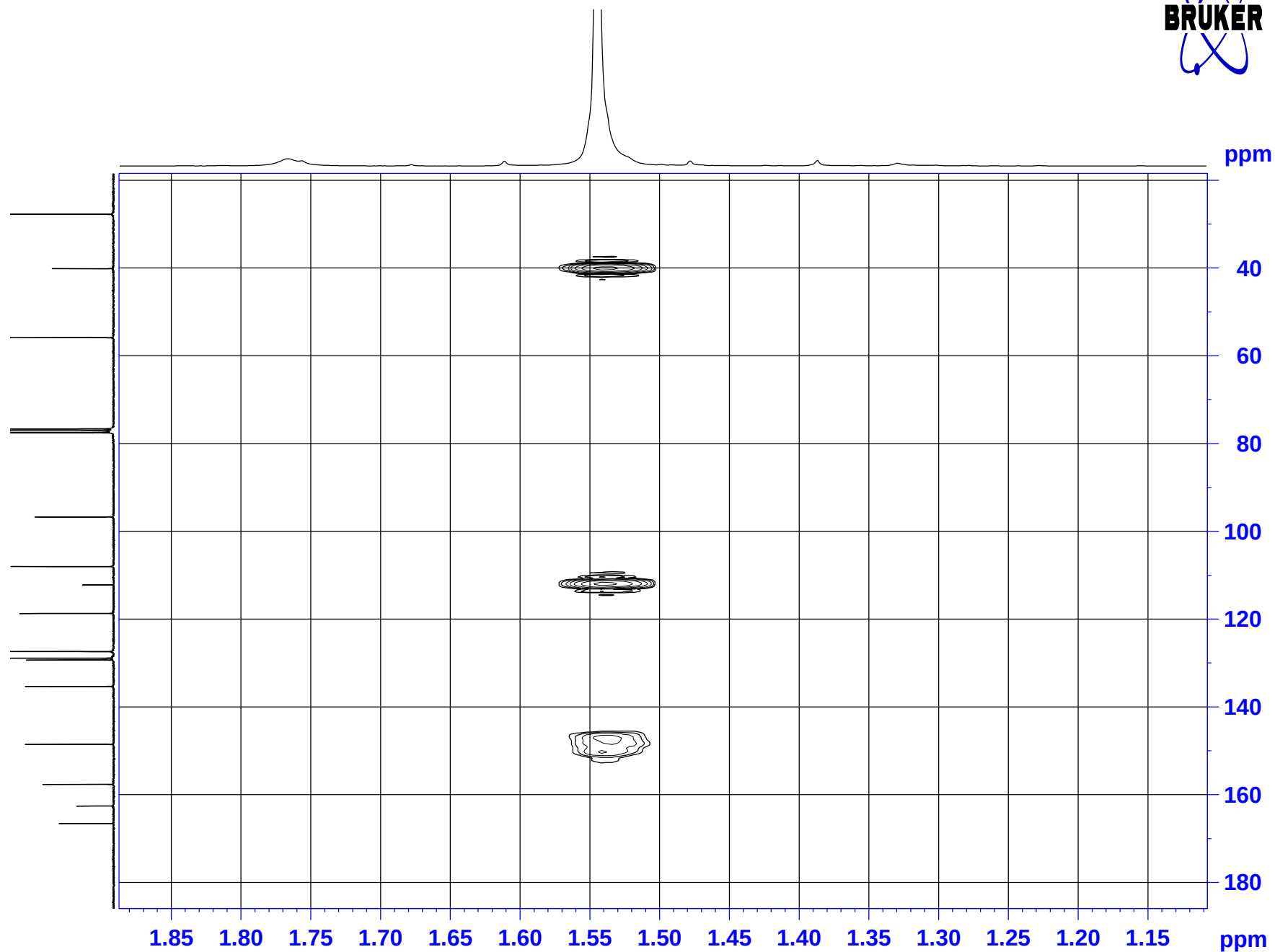




IC4
HMBCGPND CDC13 {



IC4
HMBCGPND CDC13 {



IC4
HMBCGPND CDC13

