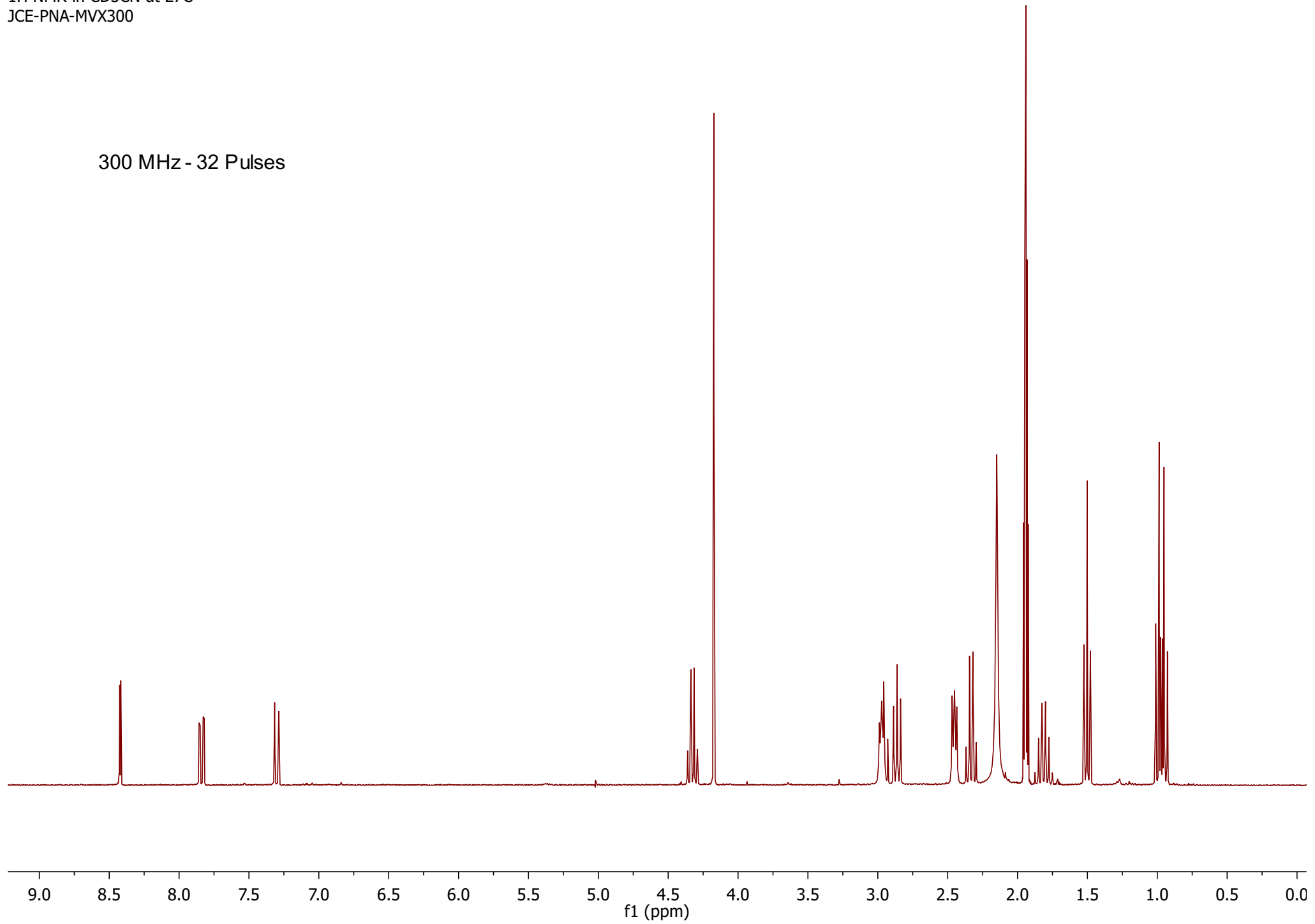
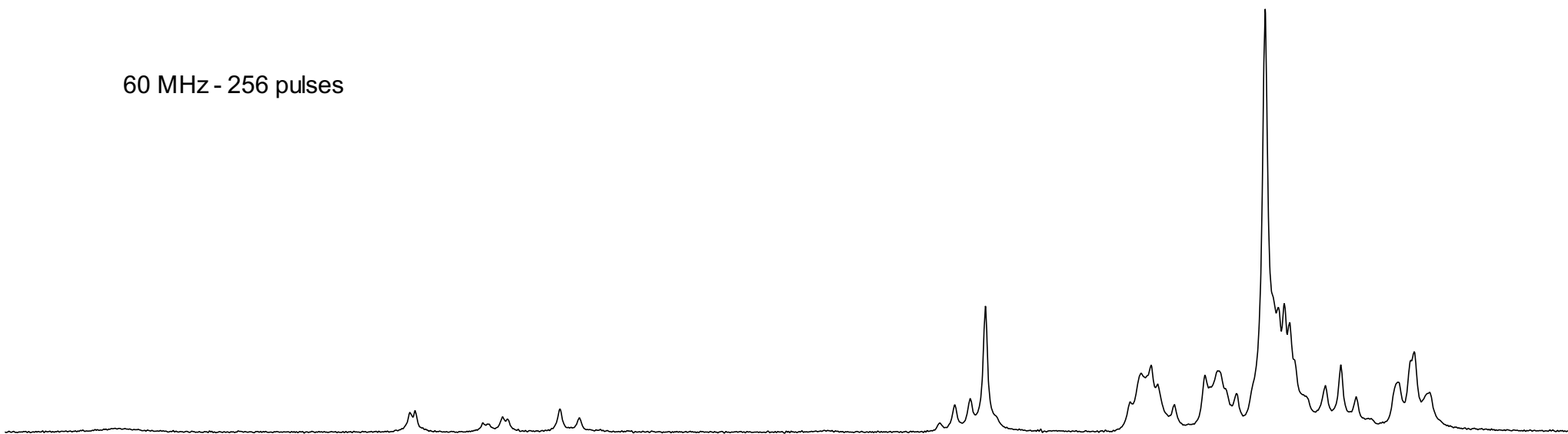


PDE5i-Std-11
Homosildenafil Lot 1220-030A3 tlcpharmachem.com
1H NMR in CD3CN at 27C
JCE-PNA-MVX300

300 MHz - 32 Pulses

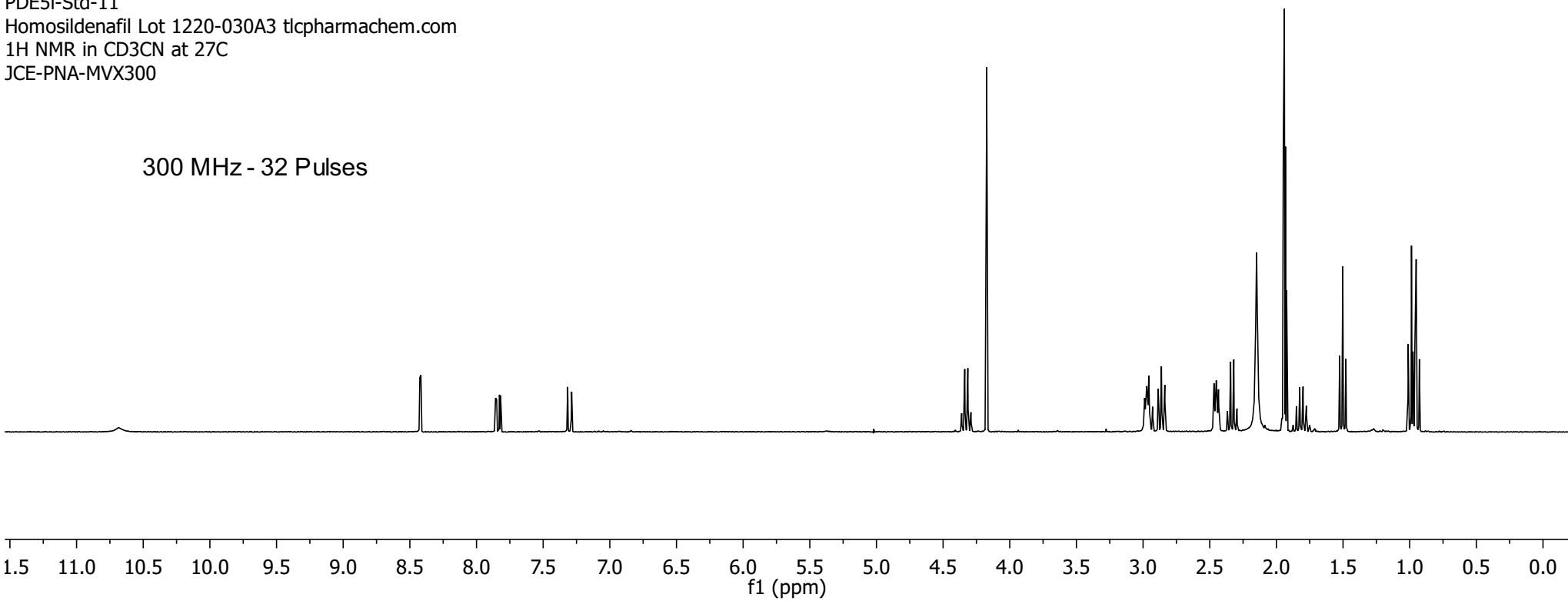


60 MHz - 256 pulses

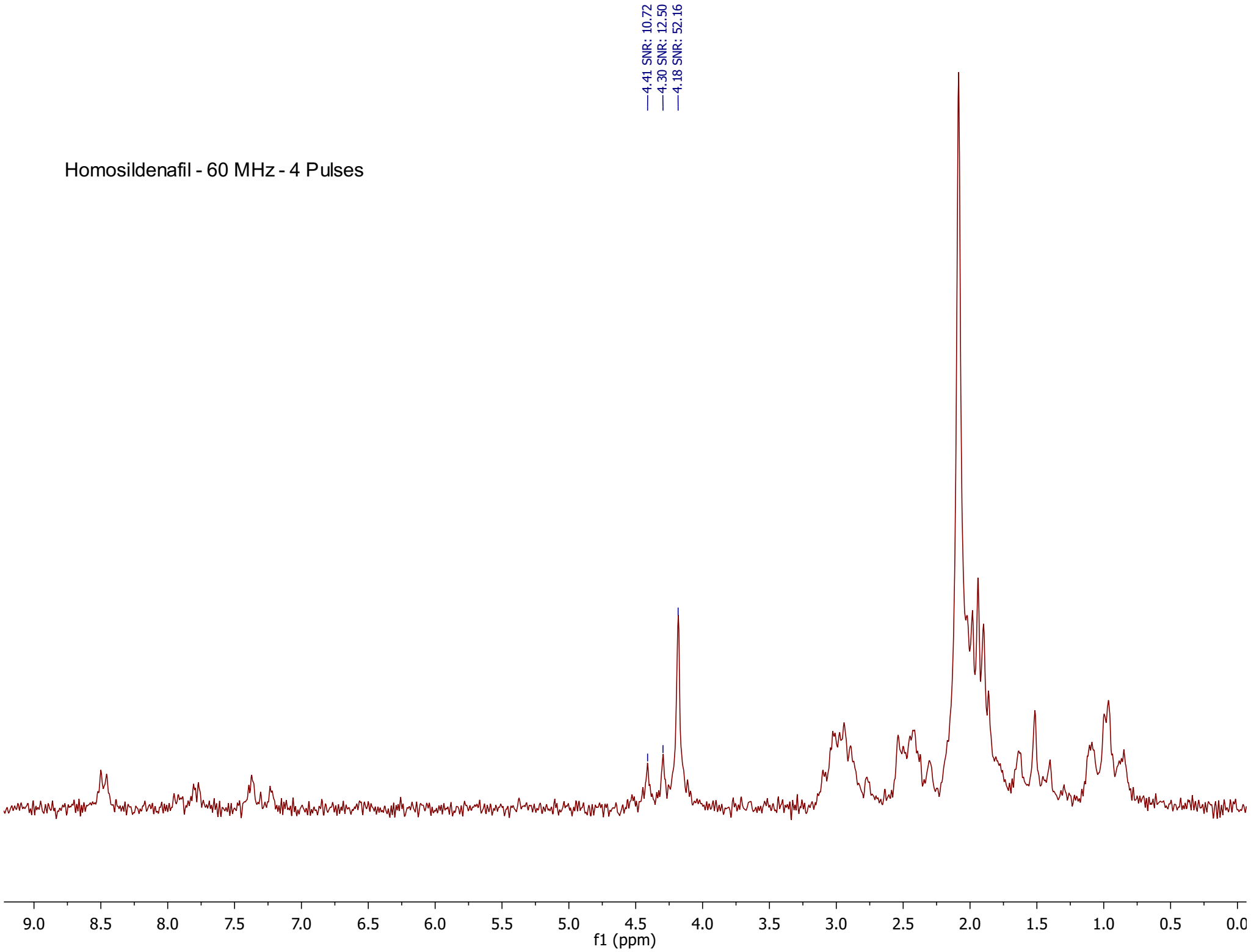


PDE5i-Std-11
Homosildenafil Lot 1220-030A3 ticpharmachem.com
1H NMR in CD3CN at 27C
JCE-PNA-MVX300

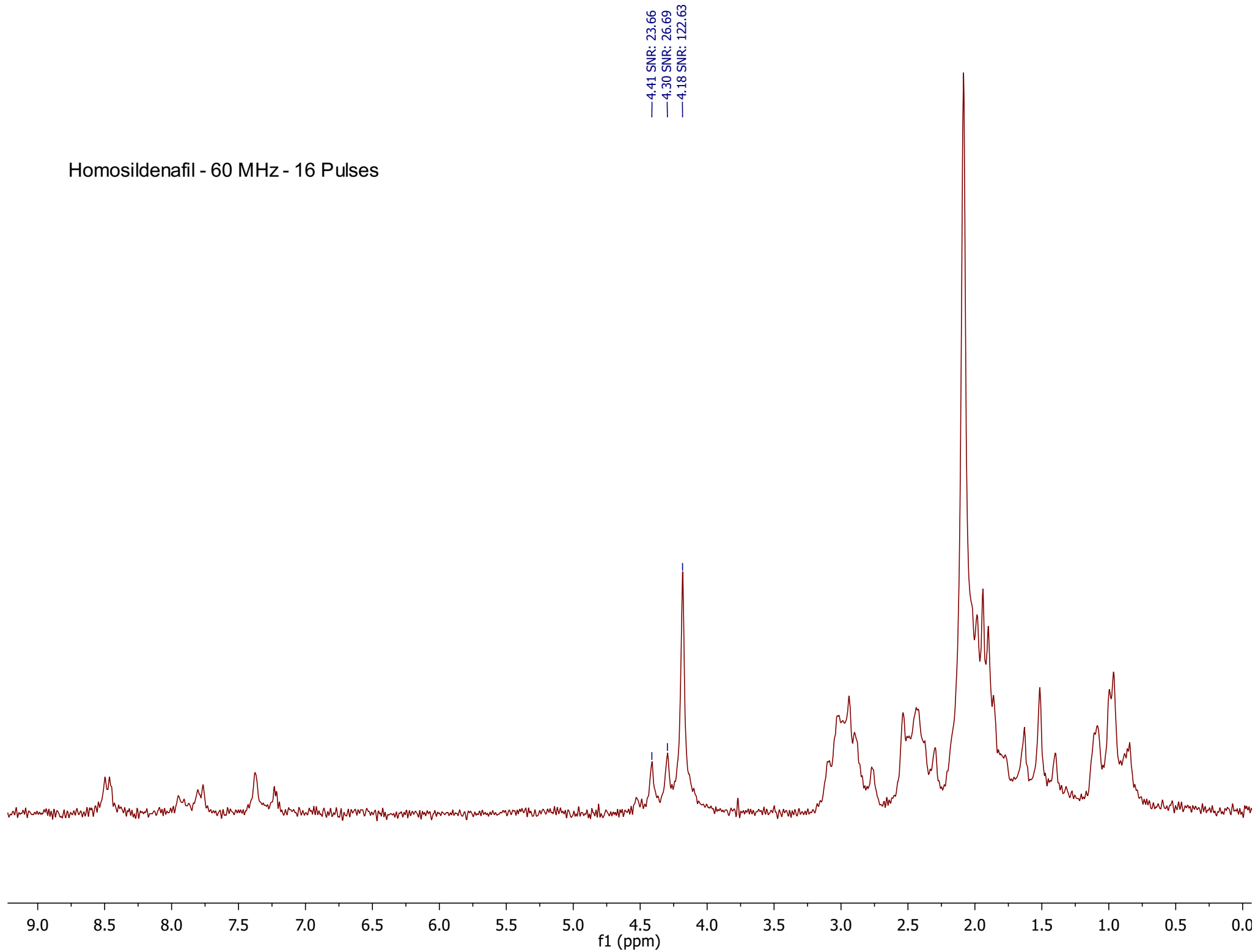
300 MHz - 32 Pulses



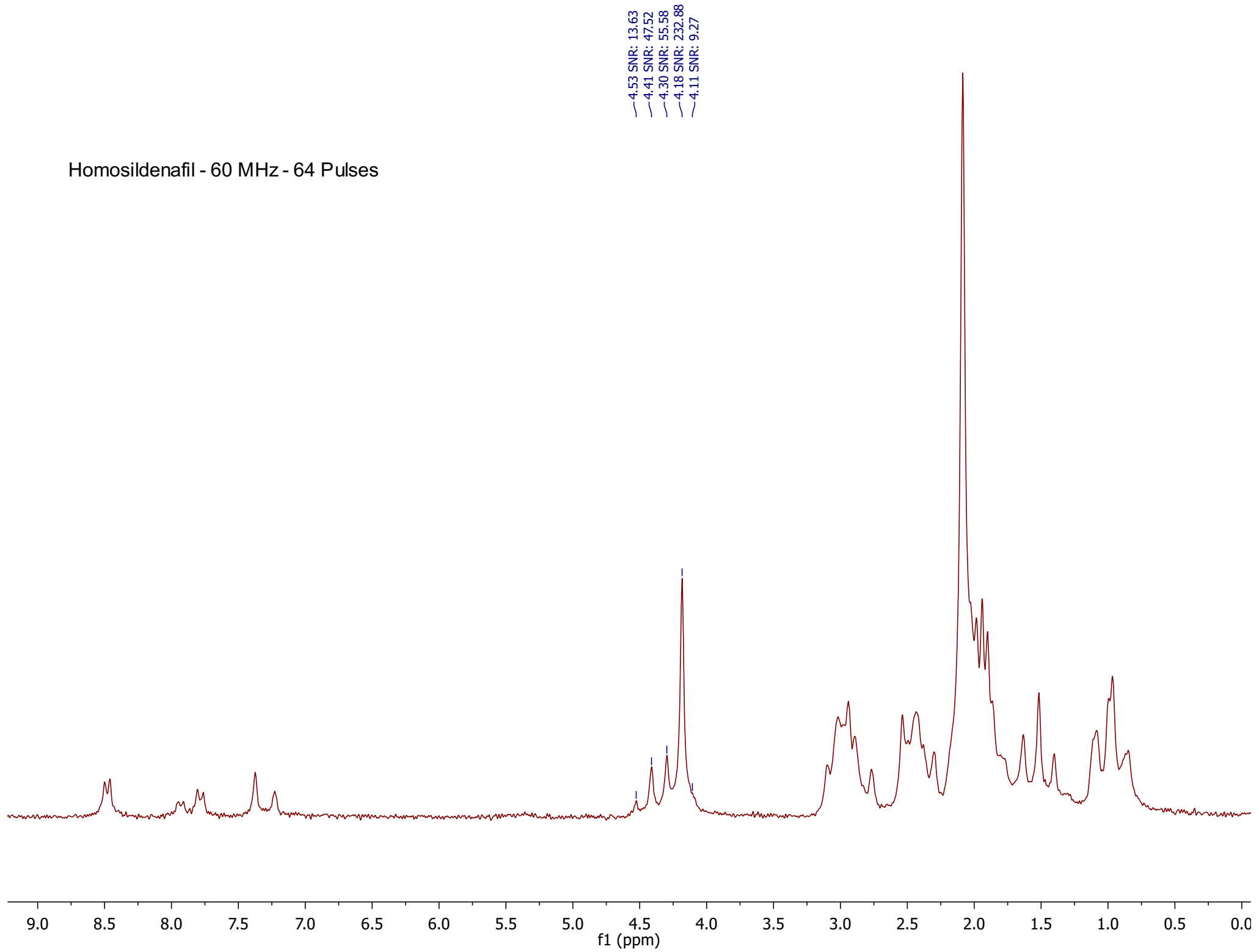
Homosildenafil - 60 MHz - 4 Pulses



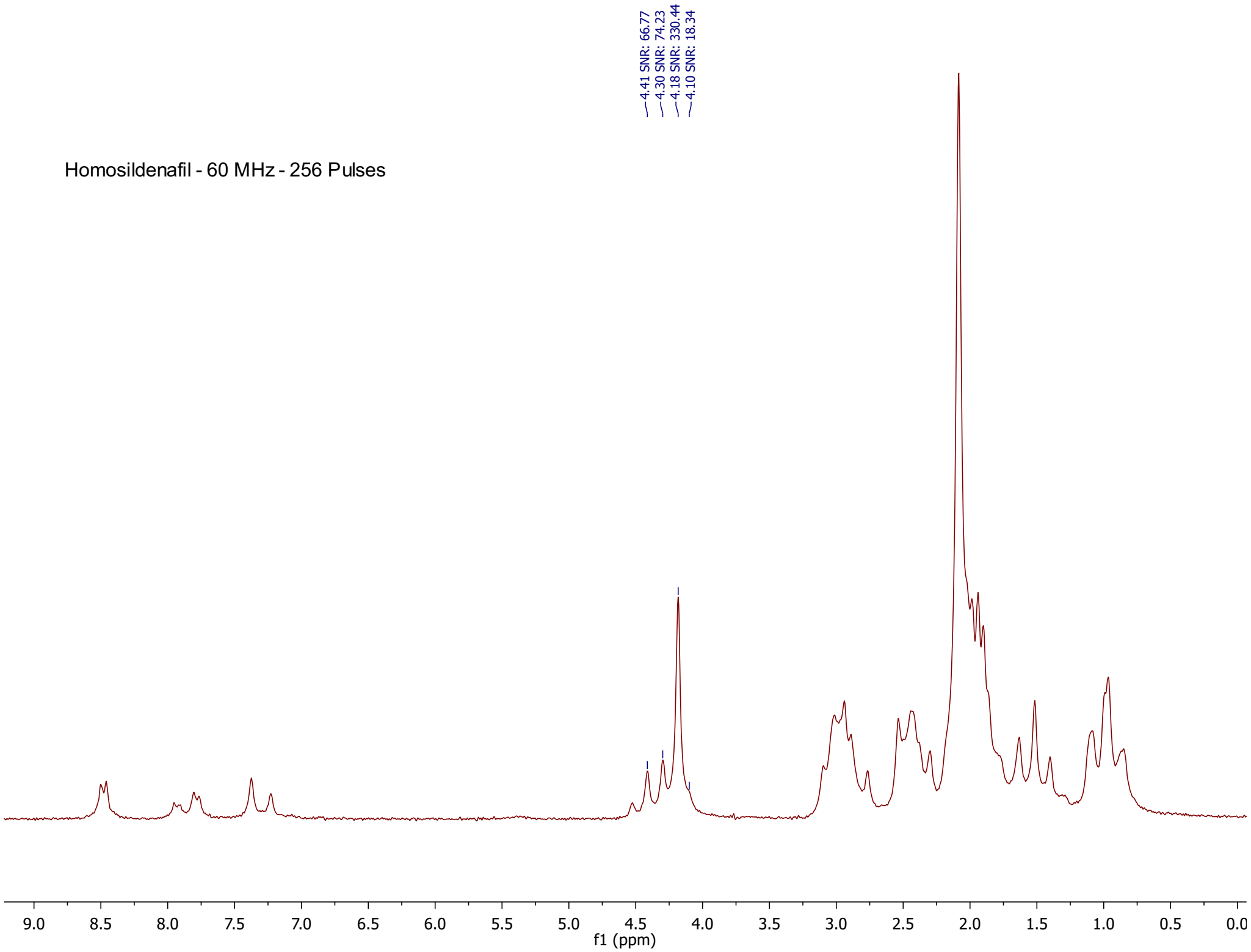
Homosildenafil - 60 MHz - 16 Pulses



Homosildenafil - 60 MHz - 64 Pulses



Homosildenafil - 60 MHz - 256 Pulses

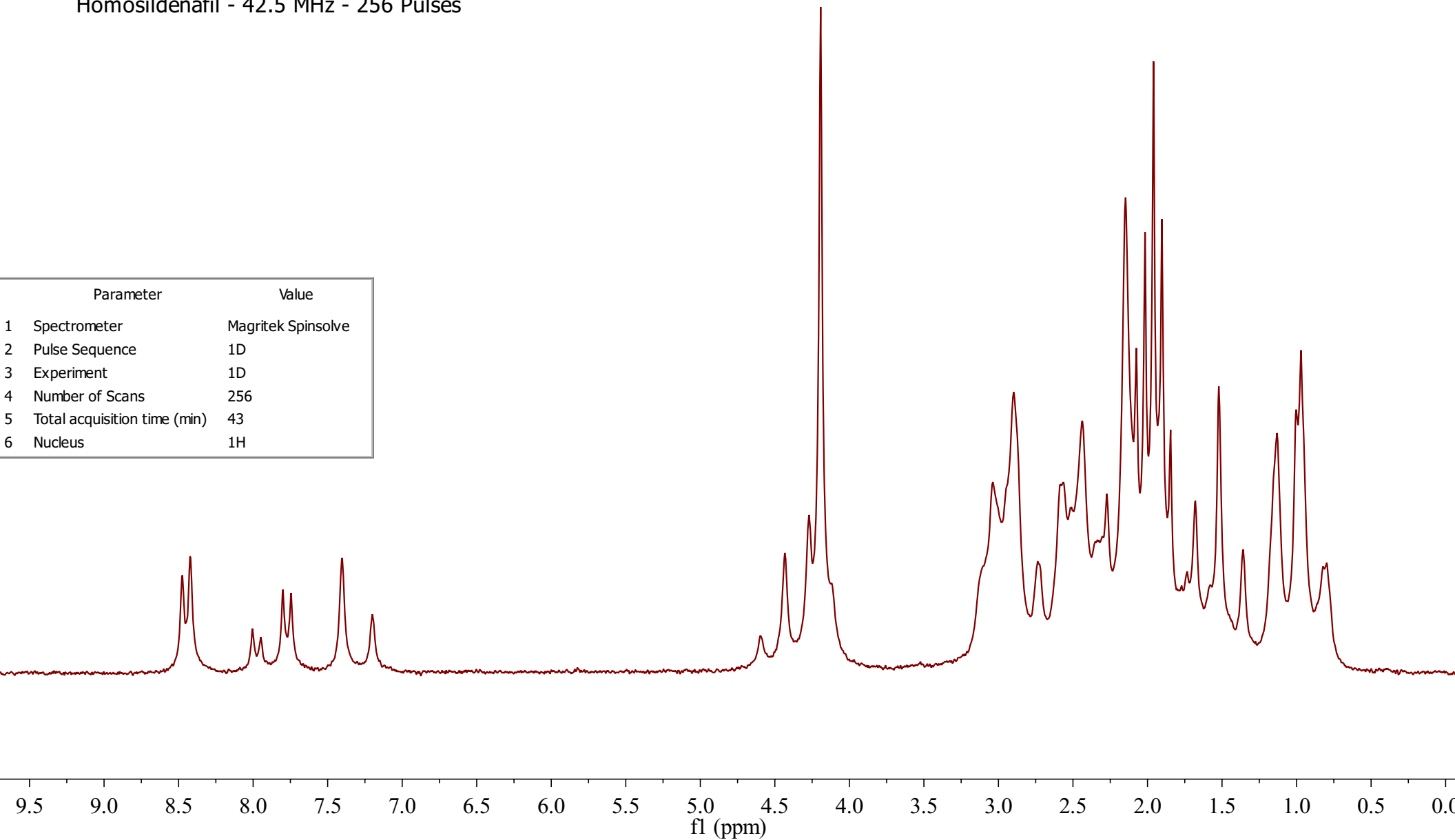


Magritek NMR`

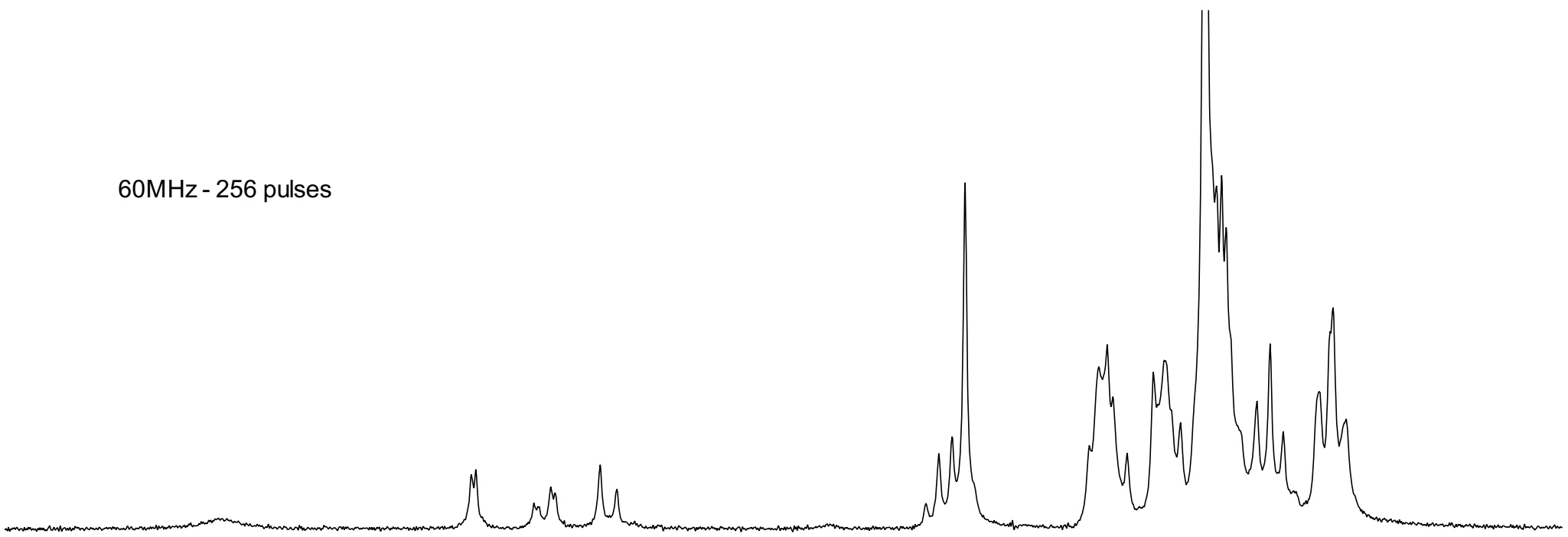
Homosildenafil - 42.5 MHz - 256 Pulses

4.43 SNR: 110.75
4.27 SNR: 128.25
4.19 SNR: 666.20
4.12 SNR: 57.99

Parameter	Value
1 Spectrometer	Magritek Spinsolve
2 Pulse Sequence	1D
3 Experiment	1D
4 Number of Scans	256
5 Total acquisition time (min)	43
6 Nucleus	1H

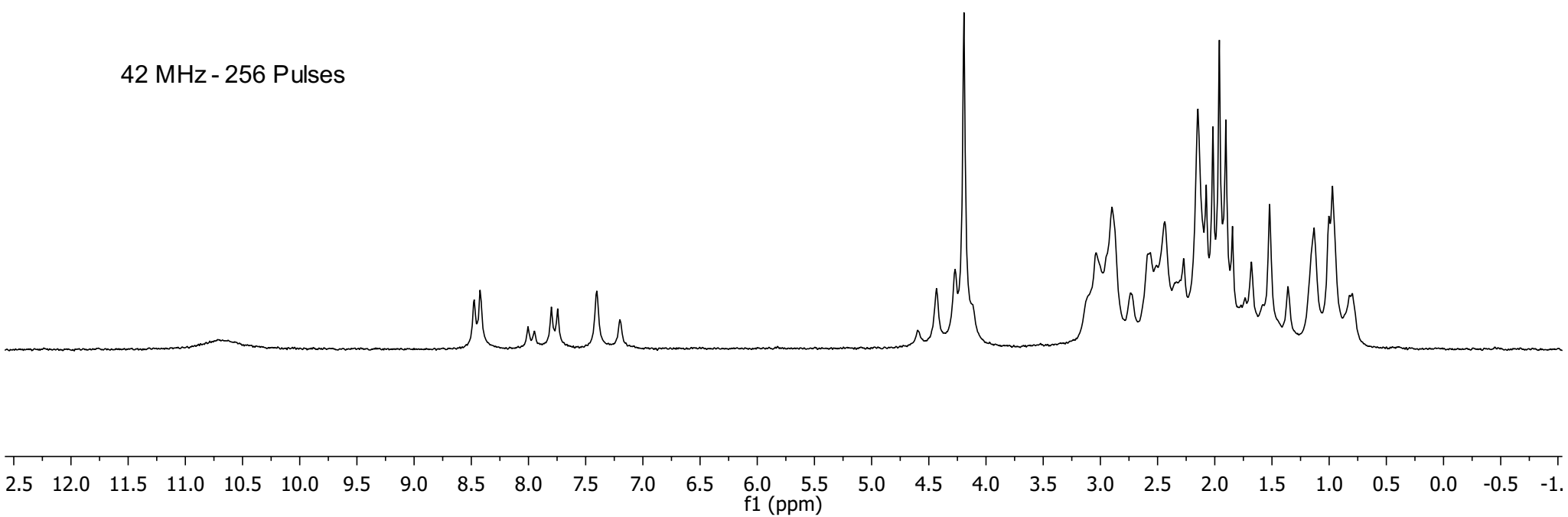


60MHz - 256 pulses



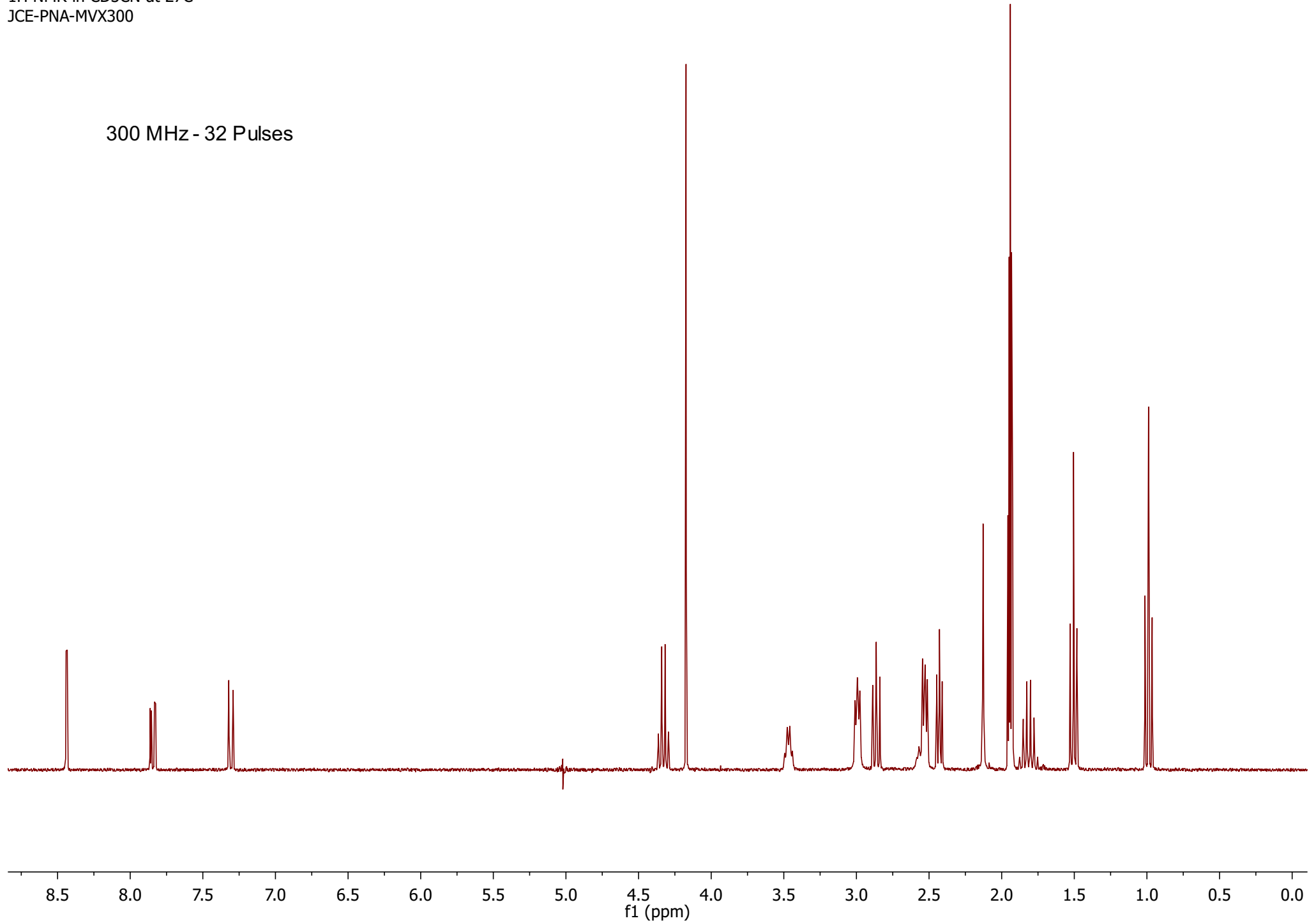
Homosildenafil

42 MHz - 256 Pulses

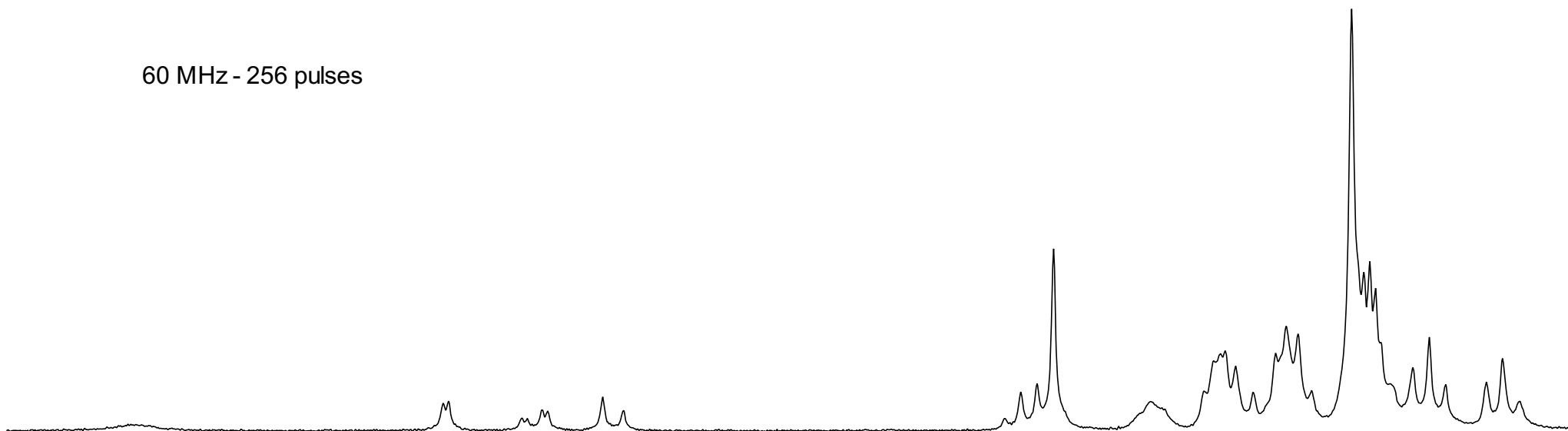


PDE5i-Std-03-H
Hydroxyhomosildenafil Lot 1441-048A6 tlcpharmachem.com
1H NMR in CD3CN at 27C
JCE-PNA-MVX300

300 MHz - 32 Pulses

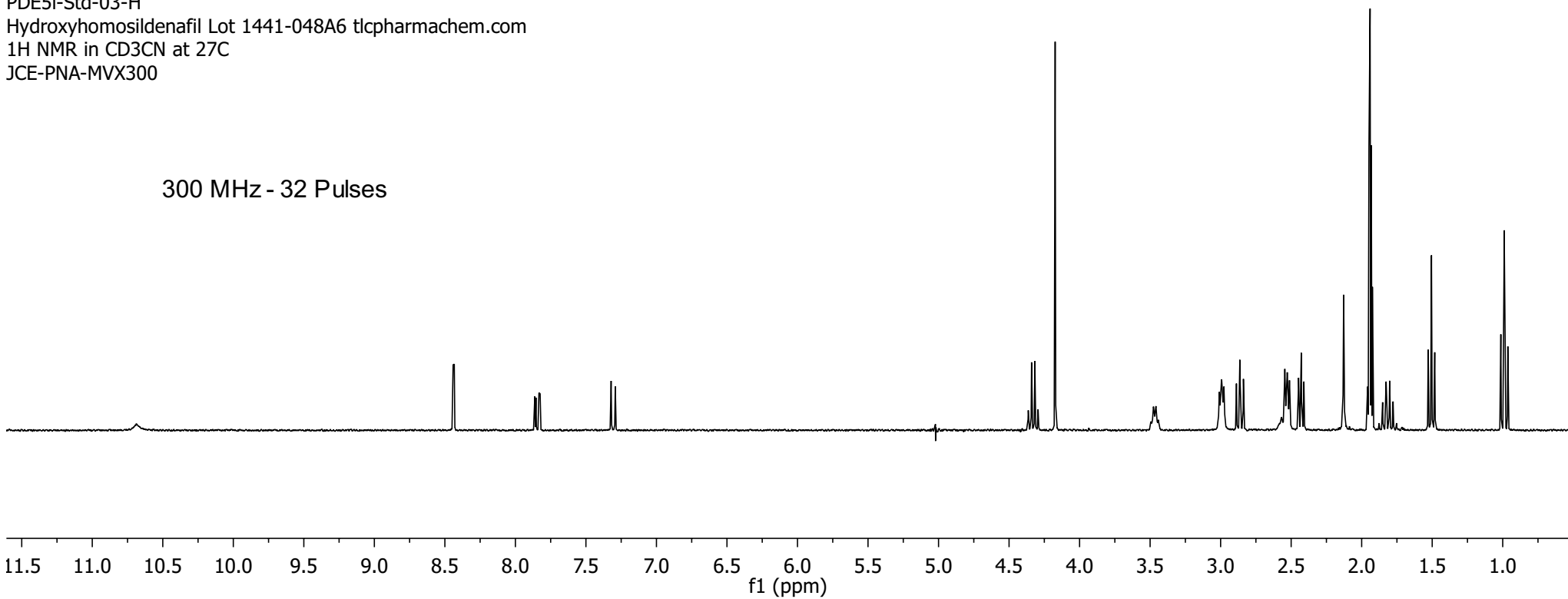


60 MHz - 256 pulses

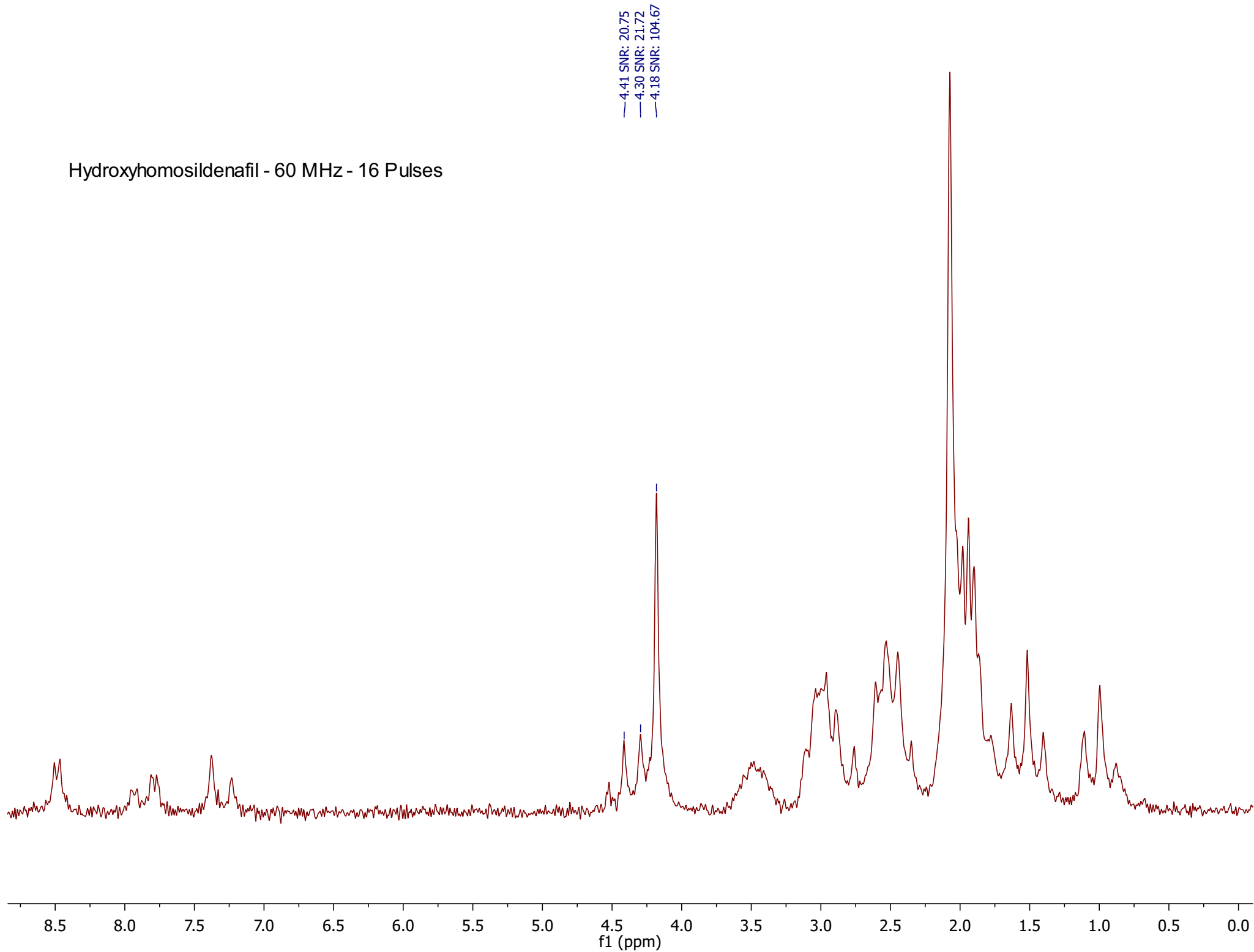


PDE5i-Std-03-H
Hydroxyhomosildenafil Lot 1441-048A6 tlcpharmachem.com
1H NMR in CD3CN at 27C
JCE-PNA-MVX300

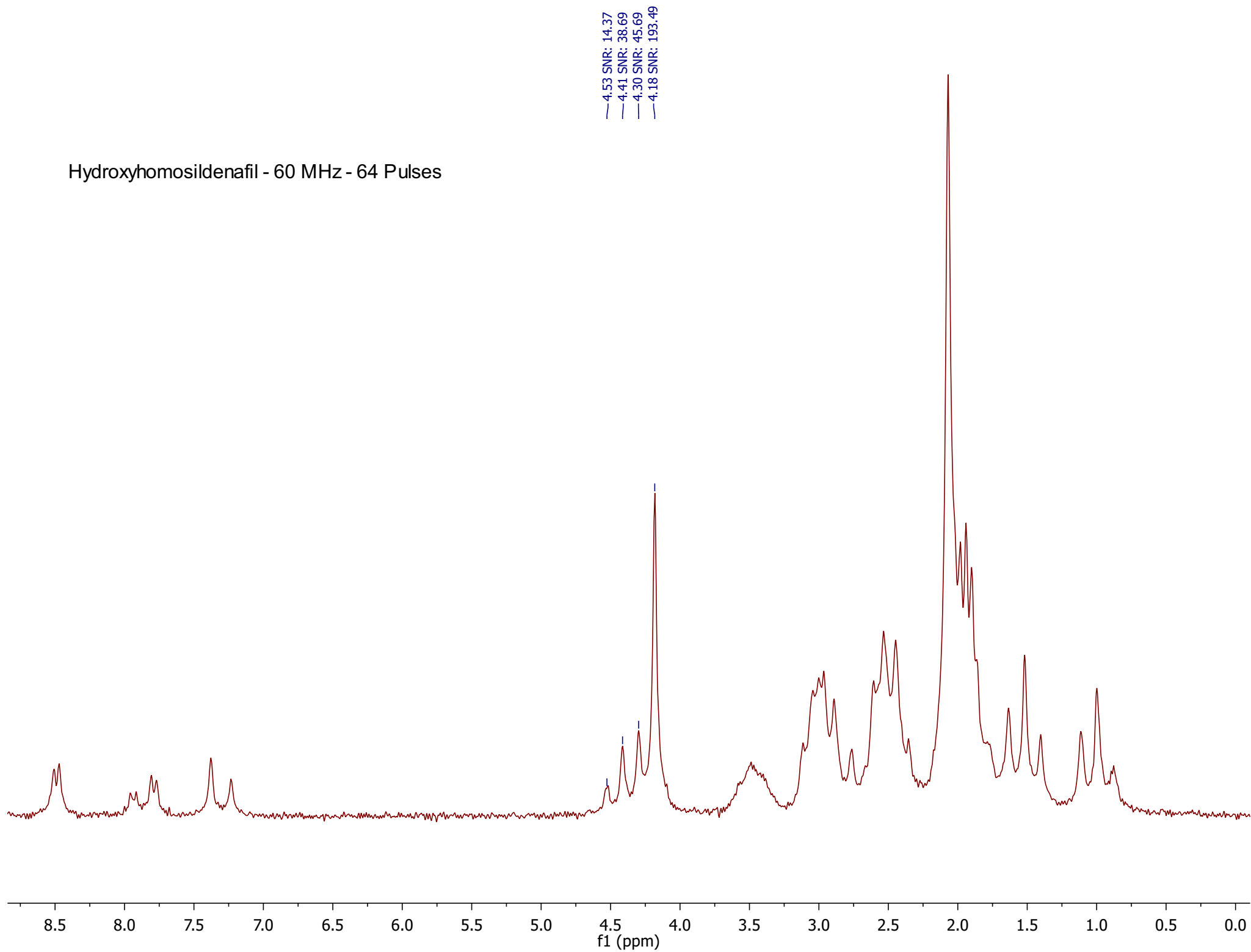
300 MHz - 32 Pulses



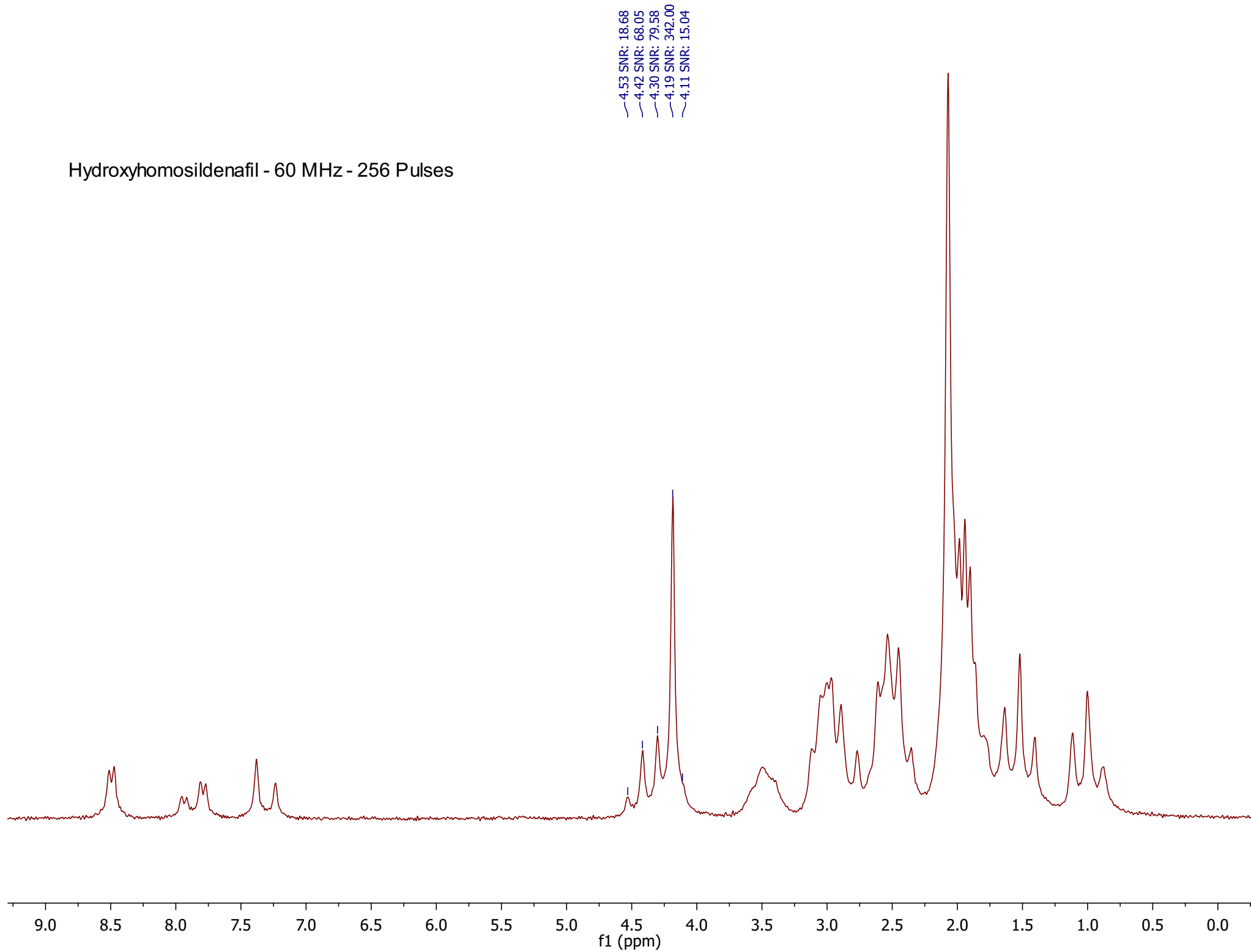
Hydroxyhomosildenafil - 60 MHz - 16 Pulses



Hydroxyhomosildenafil - 60 MHz - 64 Pulses



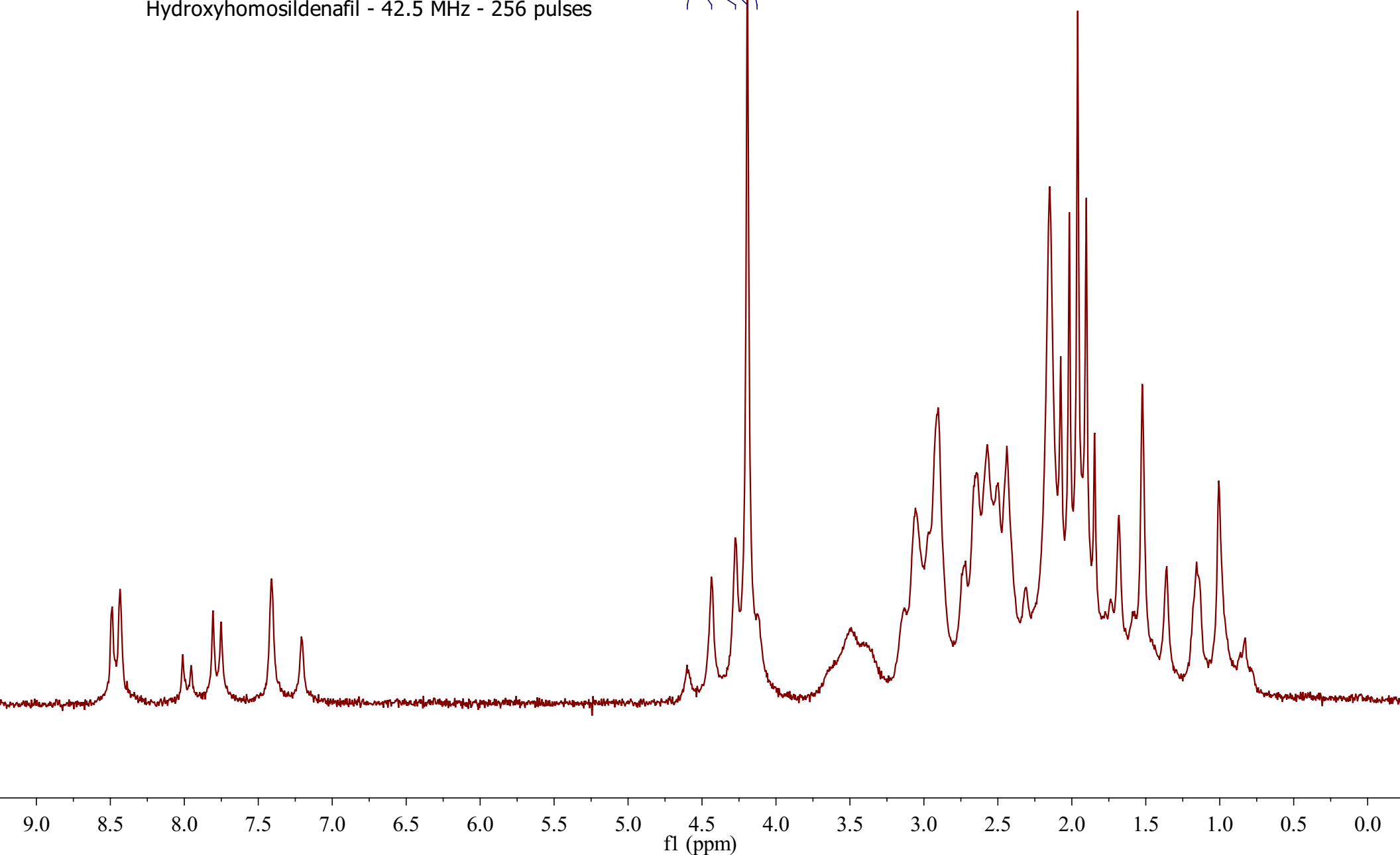
Hydroxyhomosildenafil - 60 MHz - 256 Pulses



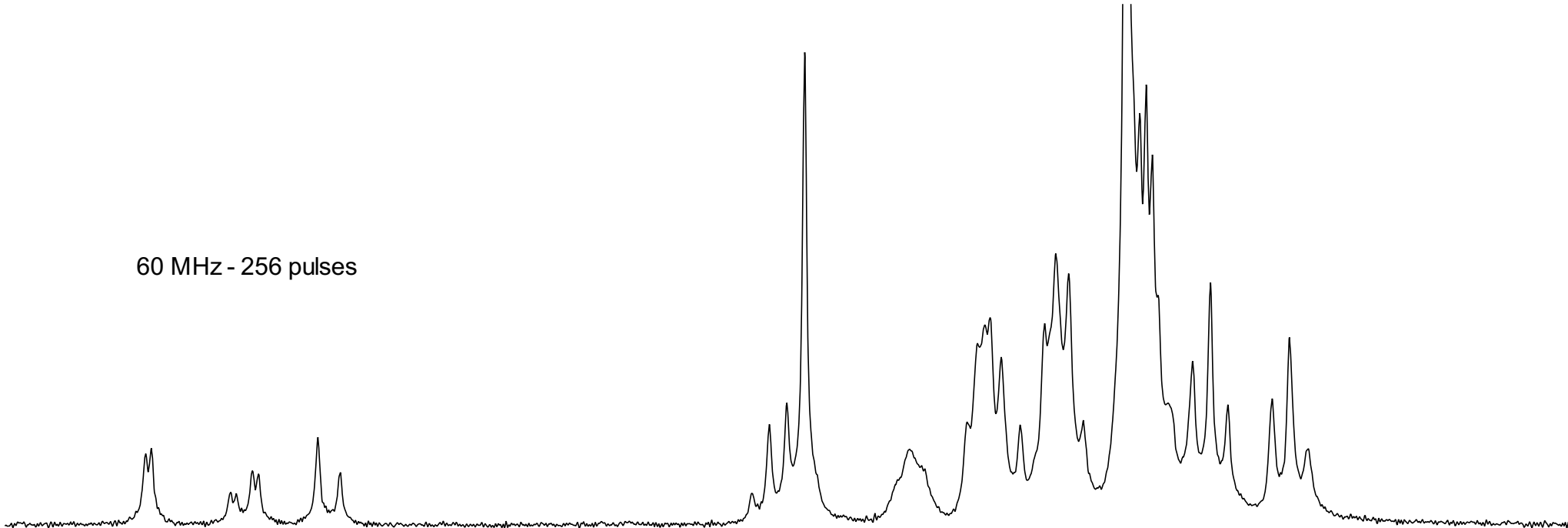
Magritek NMR

Hydroxyhomosildenafil - 42.5 MHz - 256 pulses

4.60 SNR: 14.47
4.44 SNR: 54.49
4.27 SNR: 64.56
4.19 SNR: 329.56
4.13 SNR: 26.42

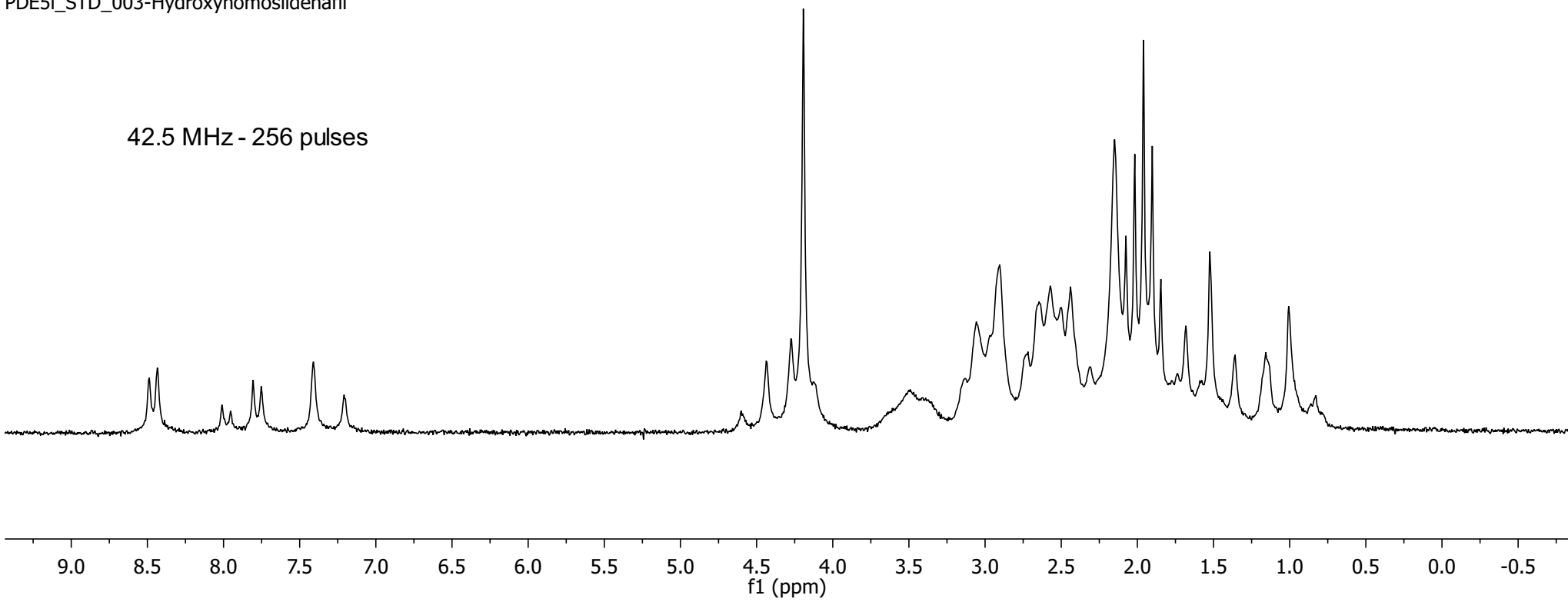


60 MHz - 256 pulses



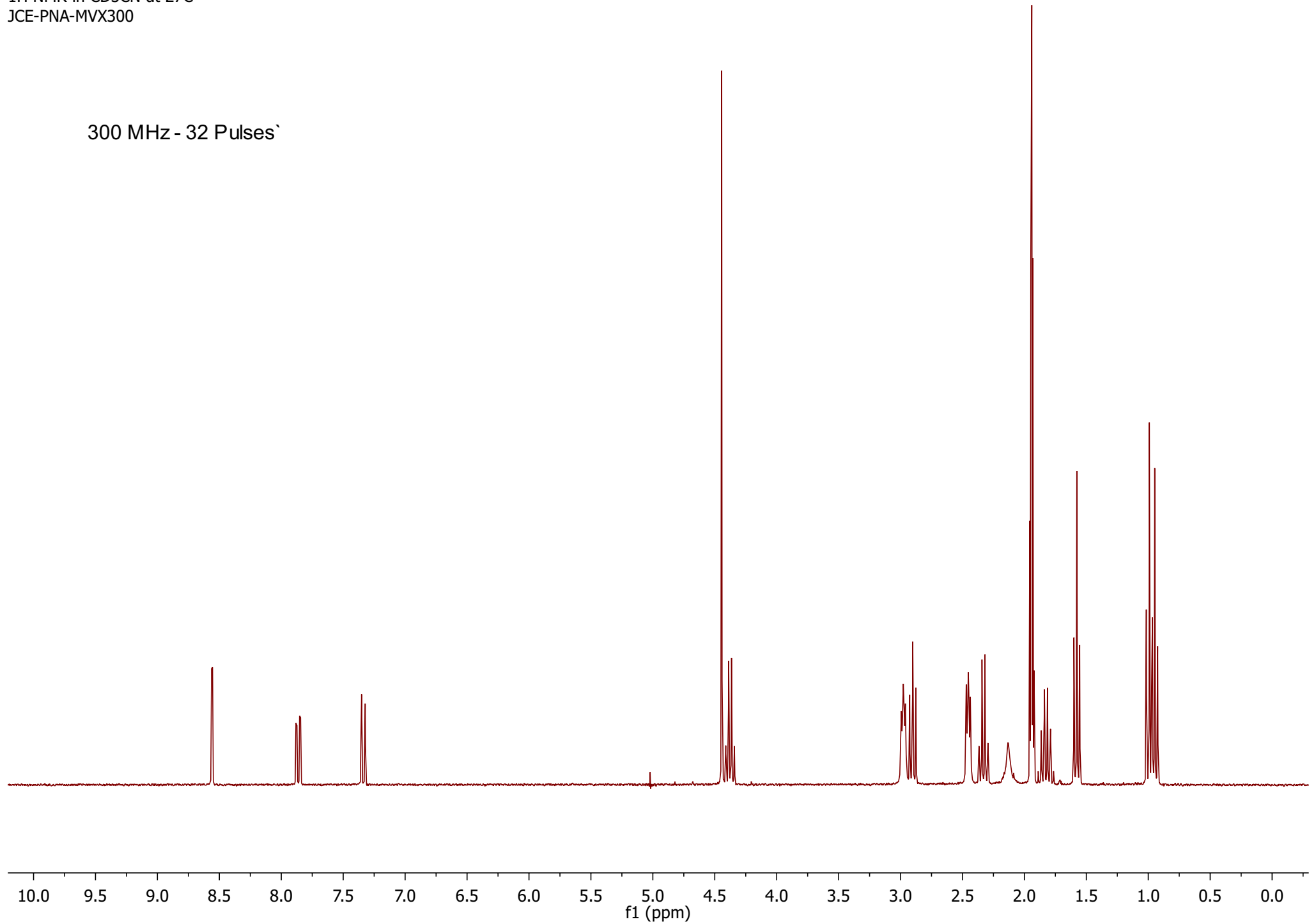
PDE5i_STD_003-Hydroxyhomosildenafil

42.5 MHz - 256 pulses

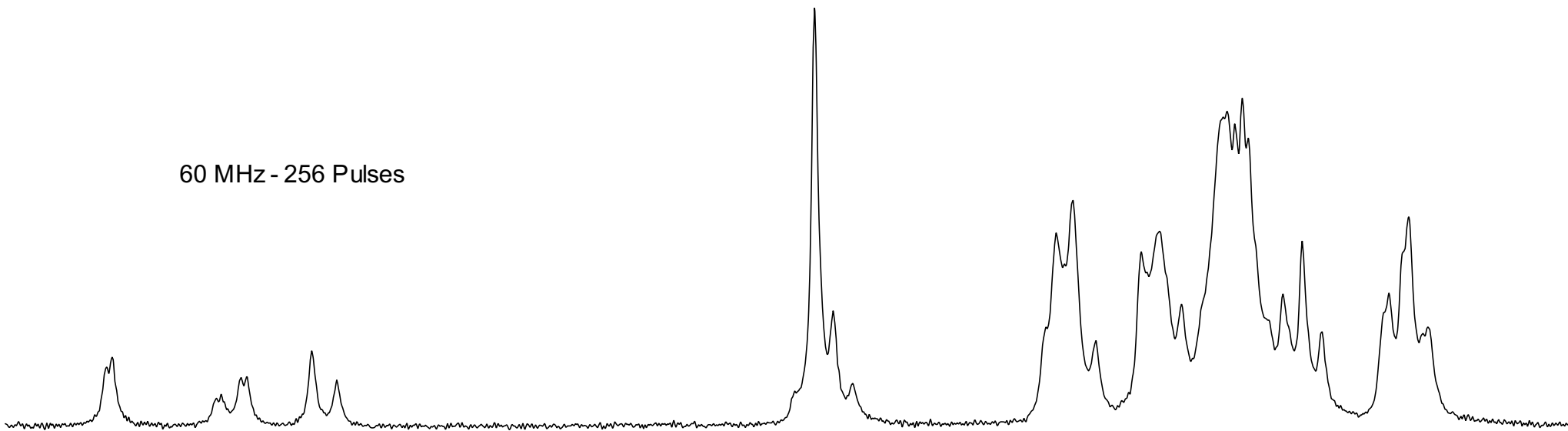


PDE5i-Std-08-H
Thiohomosildenafil Lot 1220-033A10
1H NMR in CD3CN at 27C
JCE-PNA-MVX300

300 MHz - 32 Pulses`

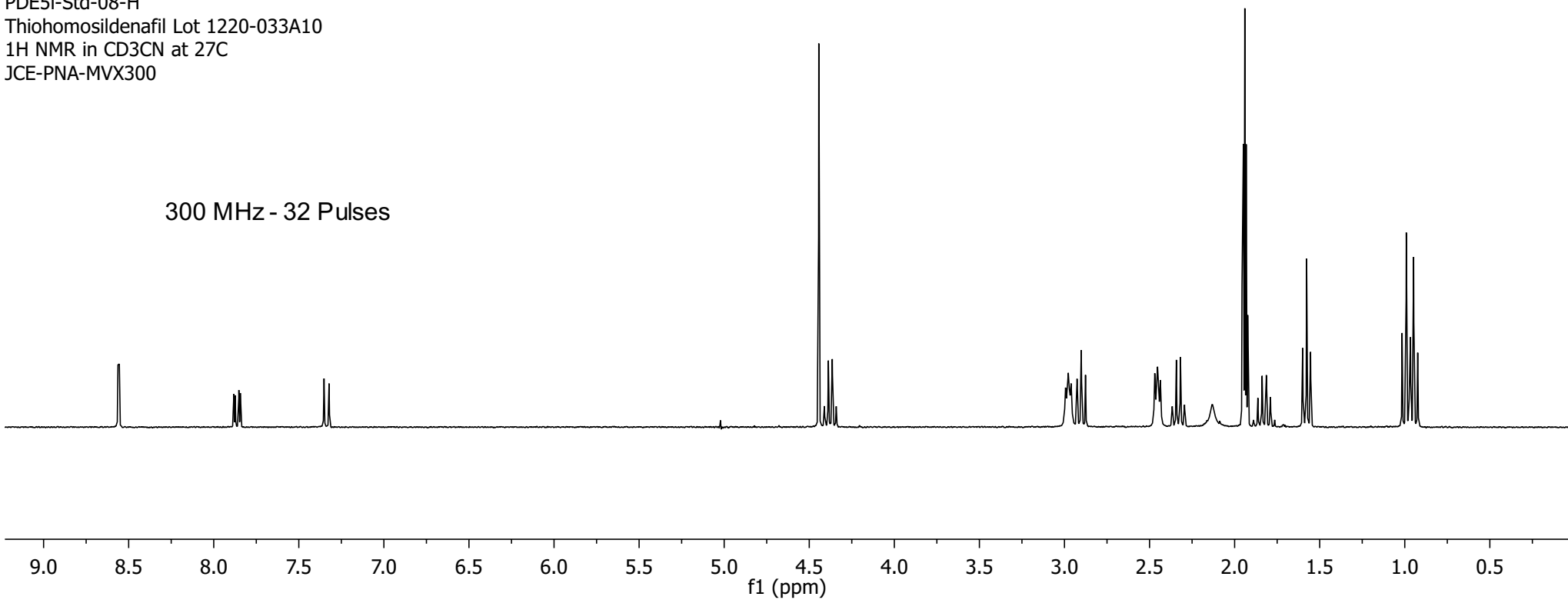


60 MHz - 256 Pulses

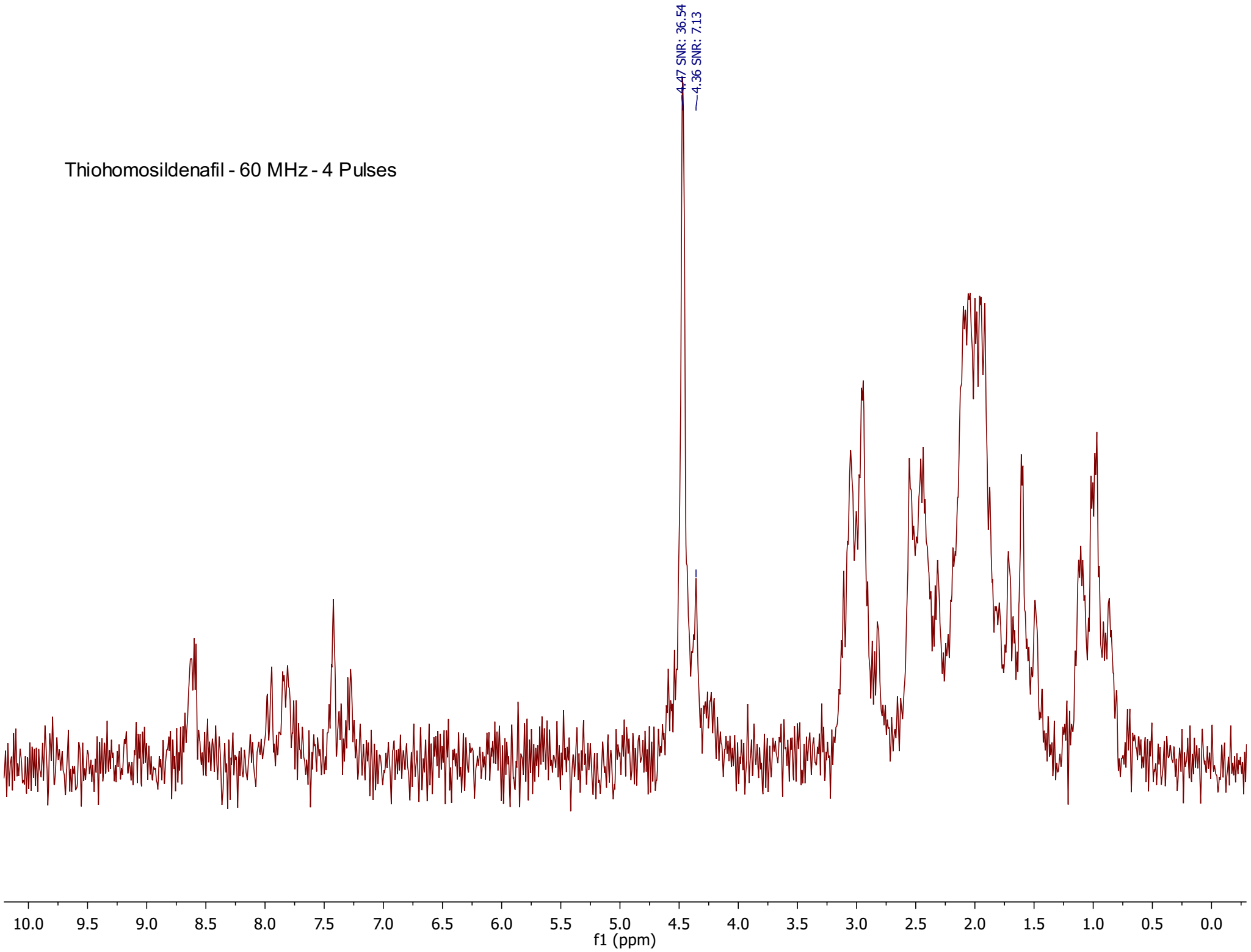


PDE5i-Std-08-H
Thiohomosildenafil Lot 1220-033A10
1H NMR in CD₃CN at 27C
JCE-PNA-MVX300

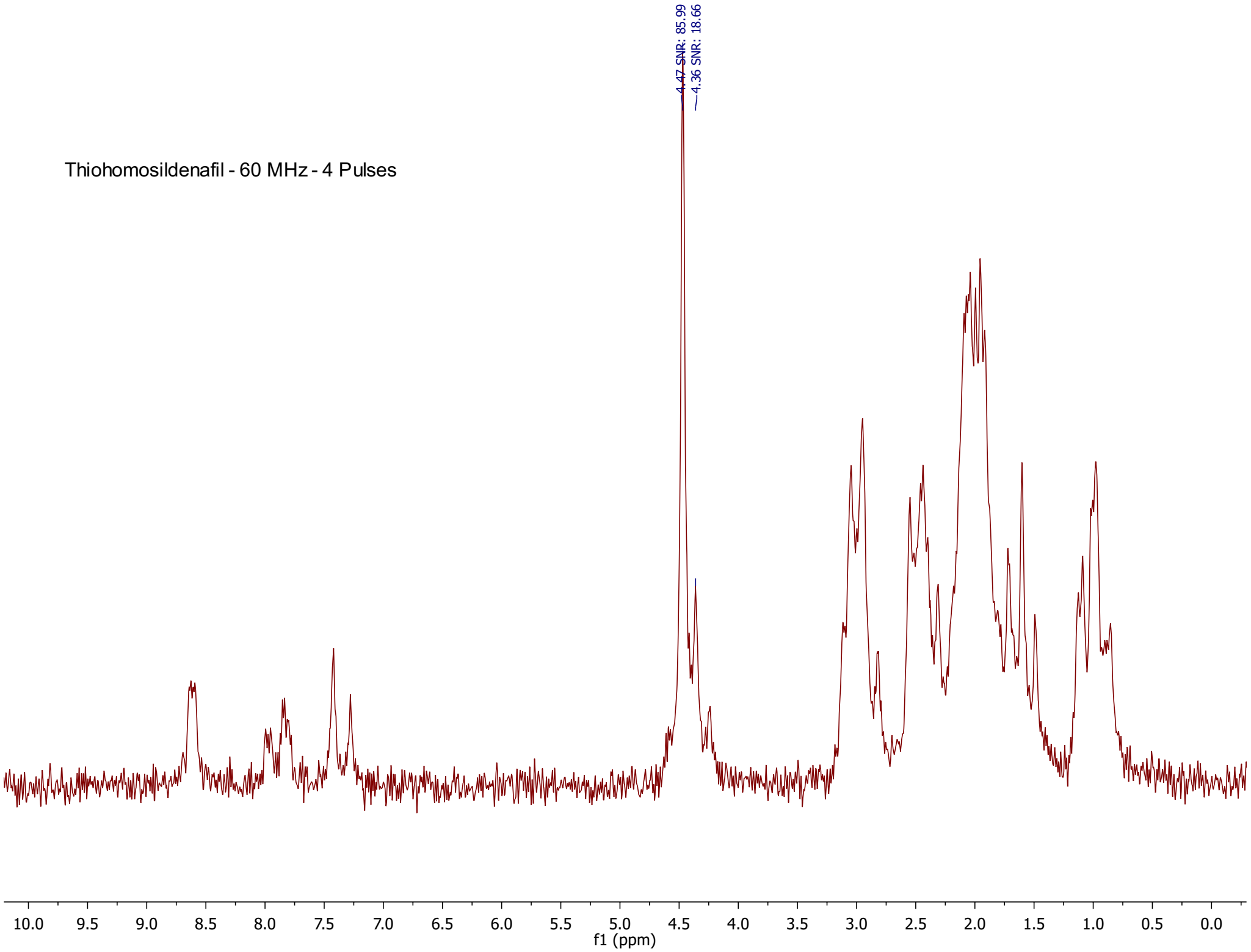
300 MHz - 32 Pulses



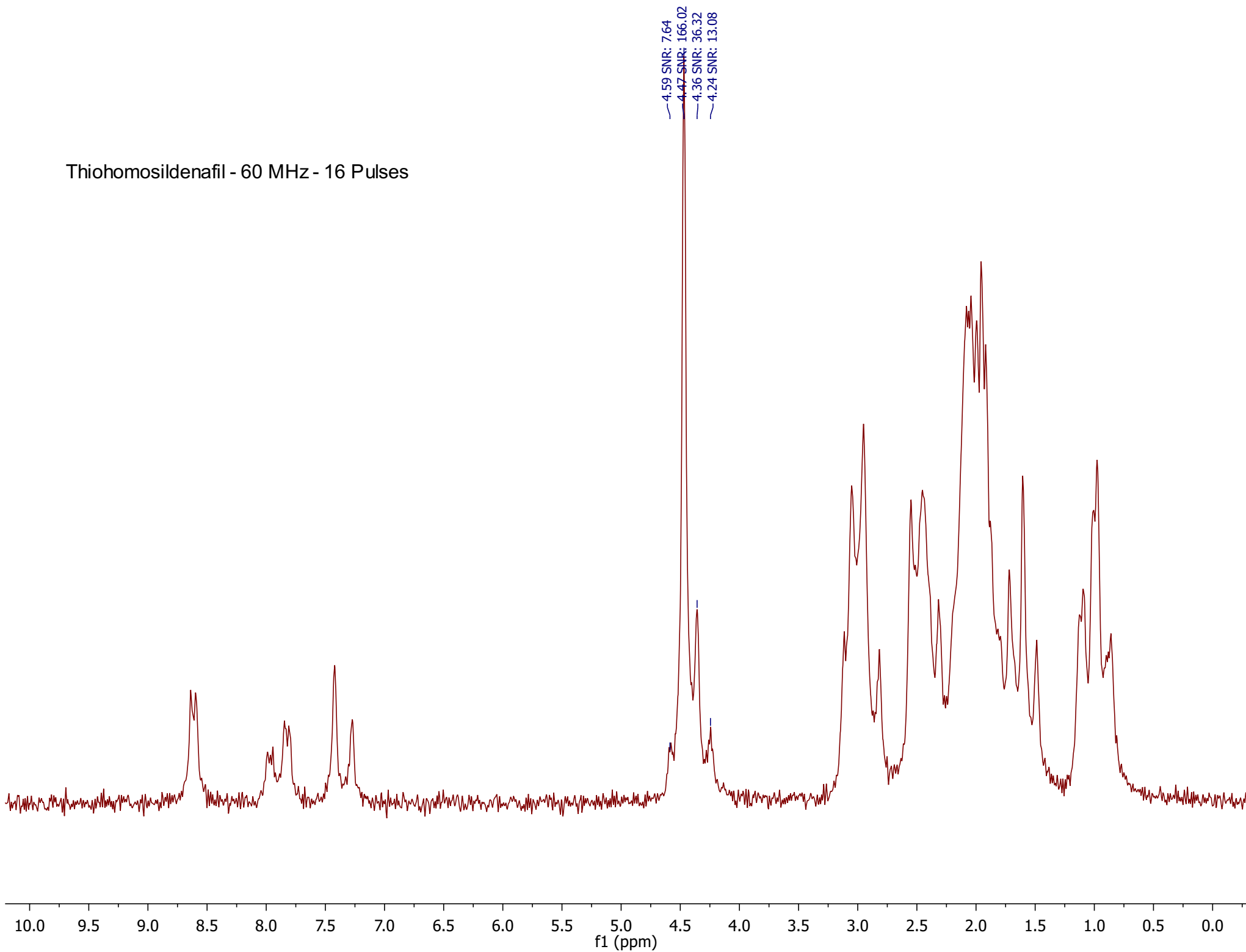
Thiohomosildenafil - 60 MHz - 4 Pulses



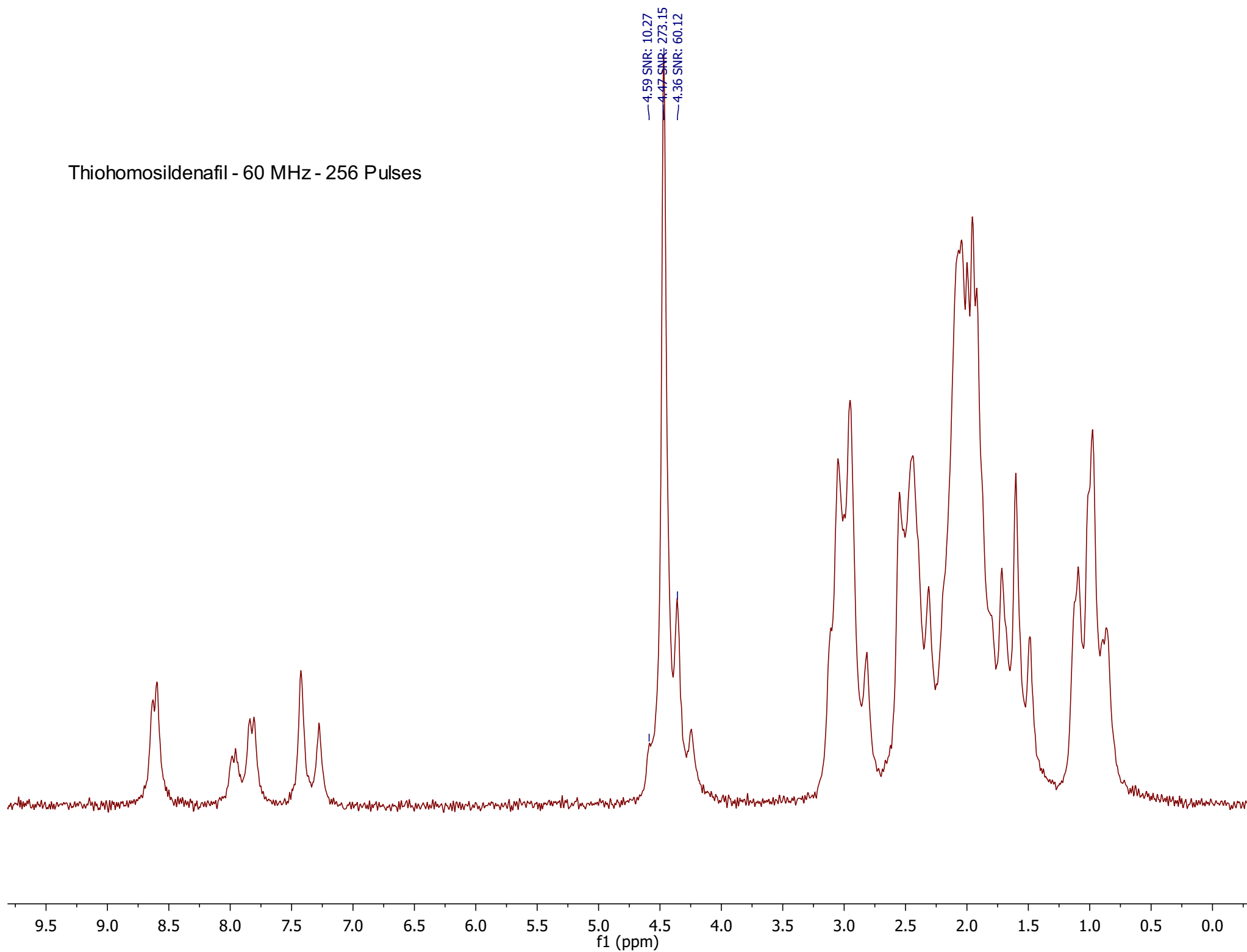
Thiohomosildenafil - 60 MHz - 4 Pulses



Thiohomosildenafil - 60 MHz - 16 Pulses

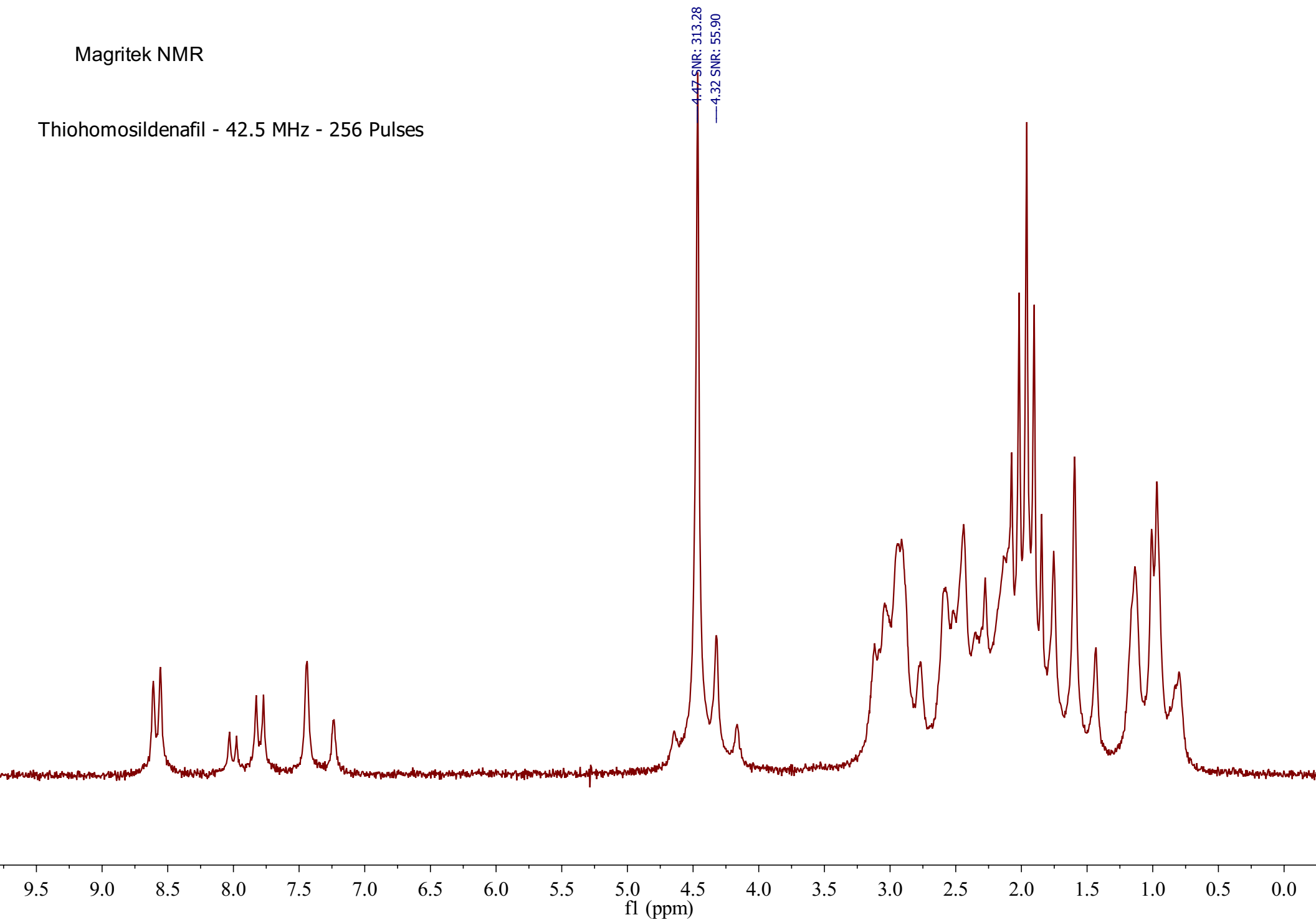


Thiohomosildenafil - 60 MHz - 256 Pulses



Magritek NMR

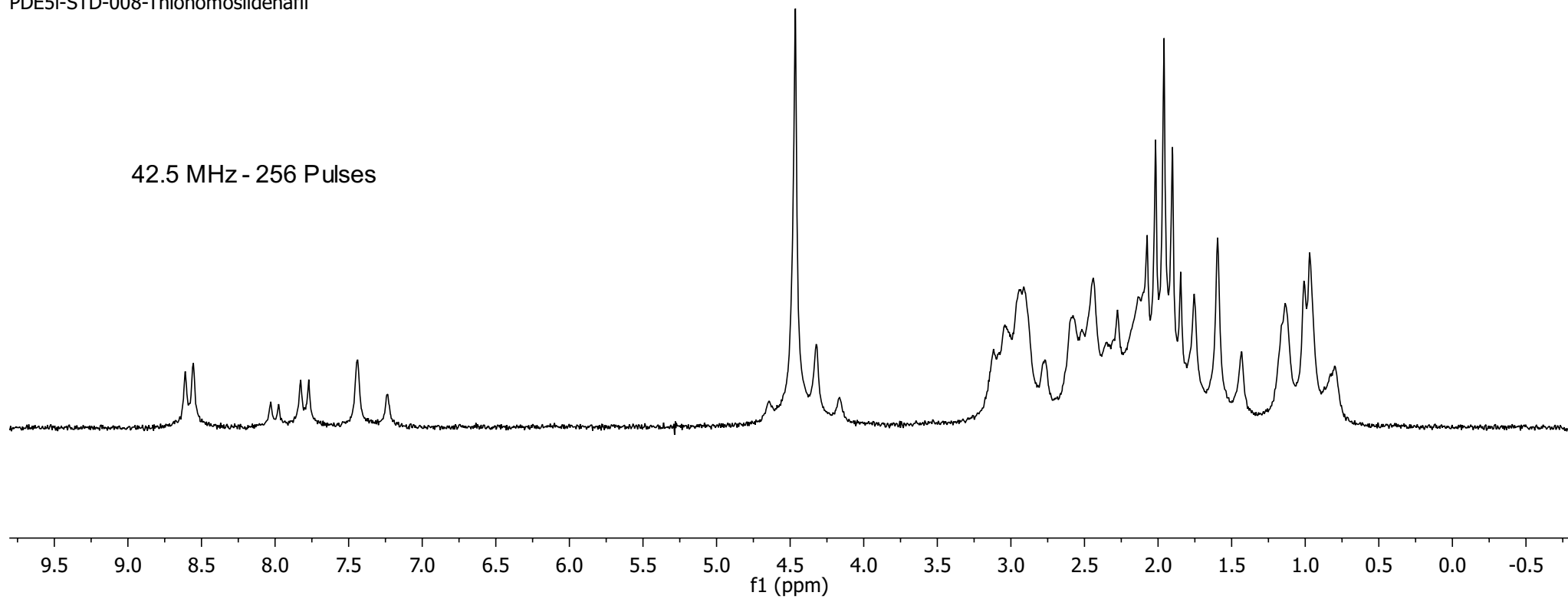
Thiohomosildenafil - 42.5 MHz - 256 Pulses



60 MHz - 256 Pulses

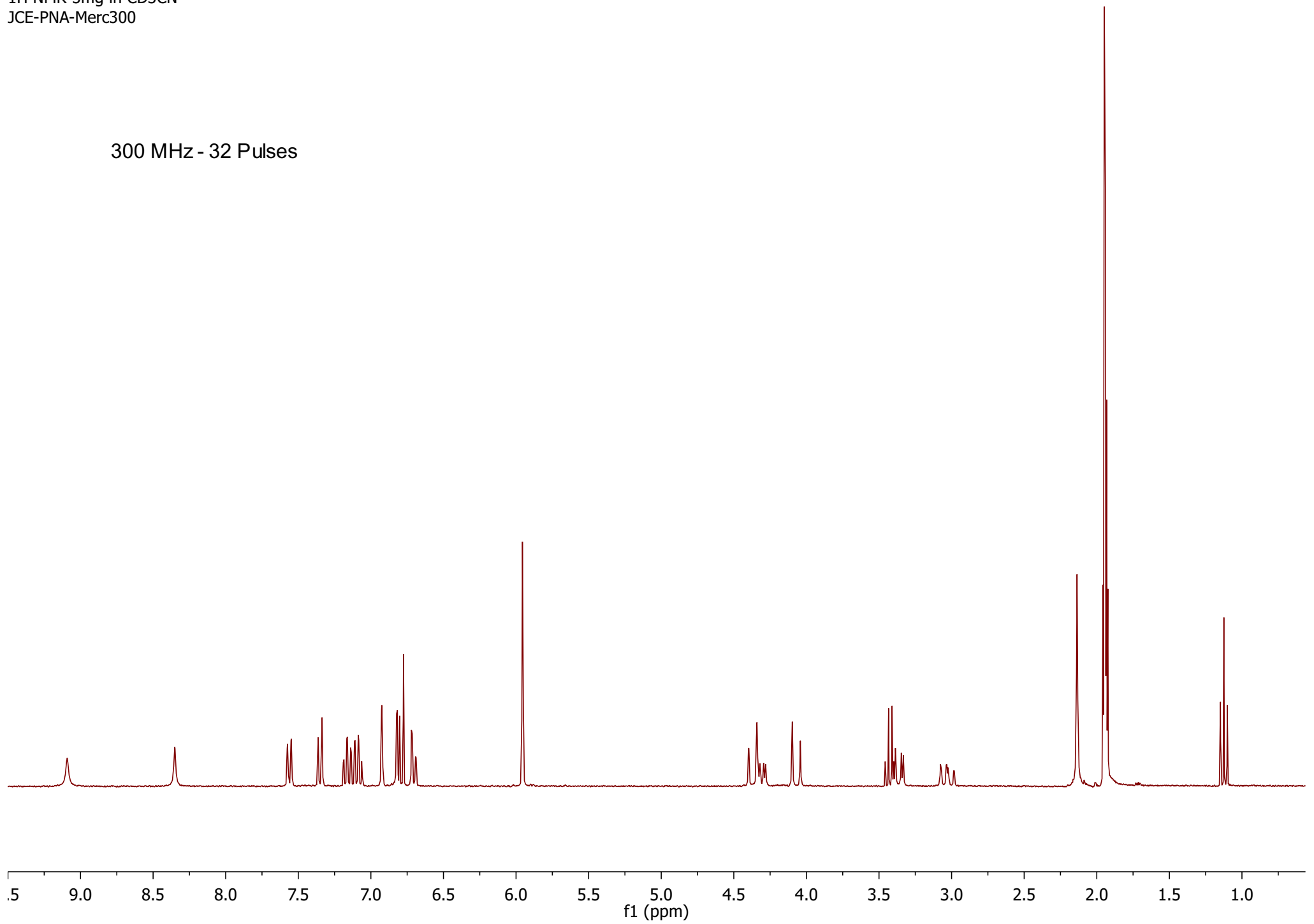
PDE5i-STD-008-Thiohomosildenafil

42.5 MHz - 256 Pulses

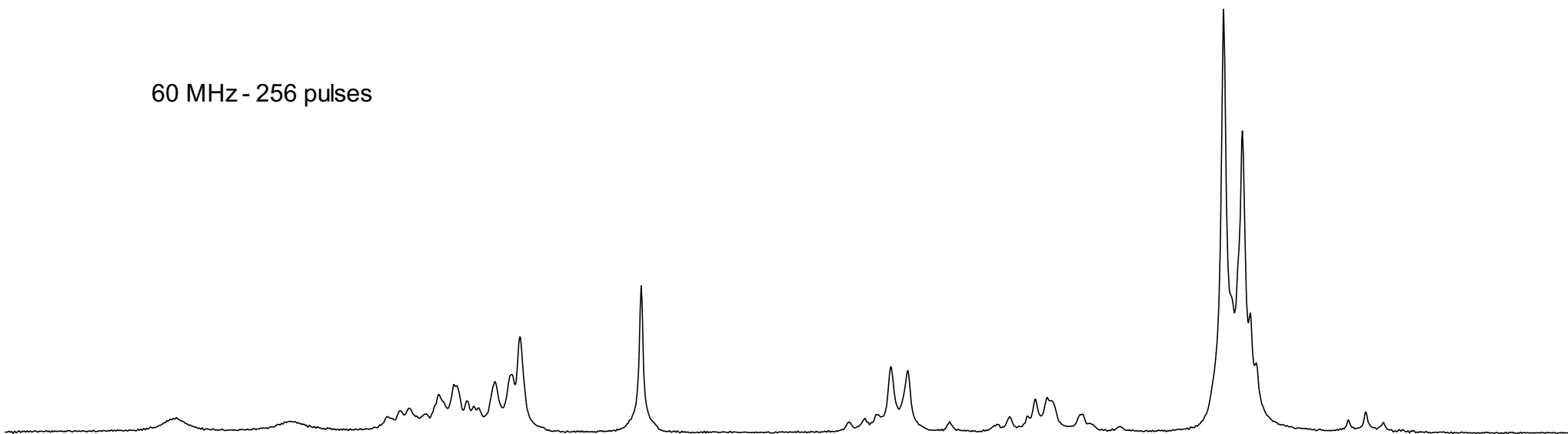


PDE5i-STD-06-H
Acetaminotadalafil Lot 1444-041A5
1H NMR 5mg in CD3CN
JCE-PNA-Merc300

300 MHz - 32 Pulses

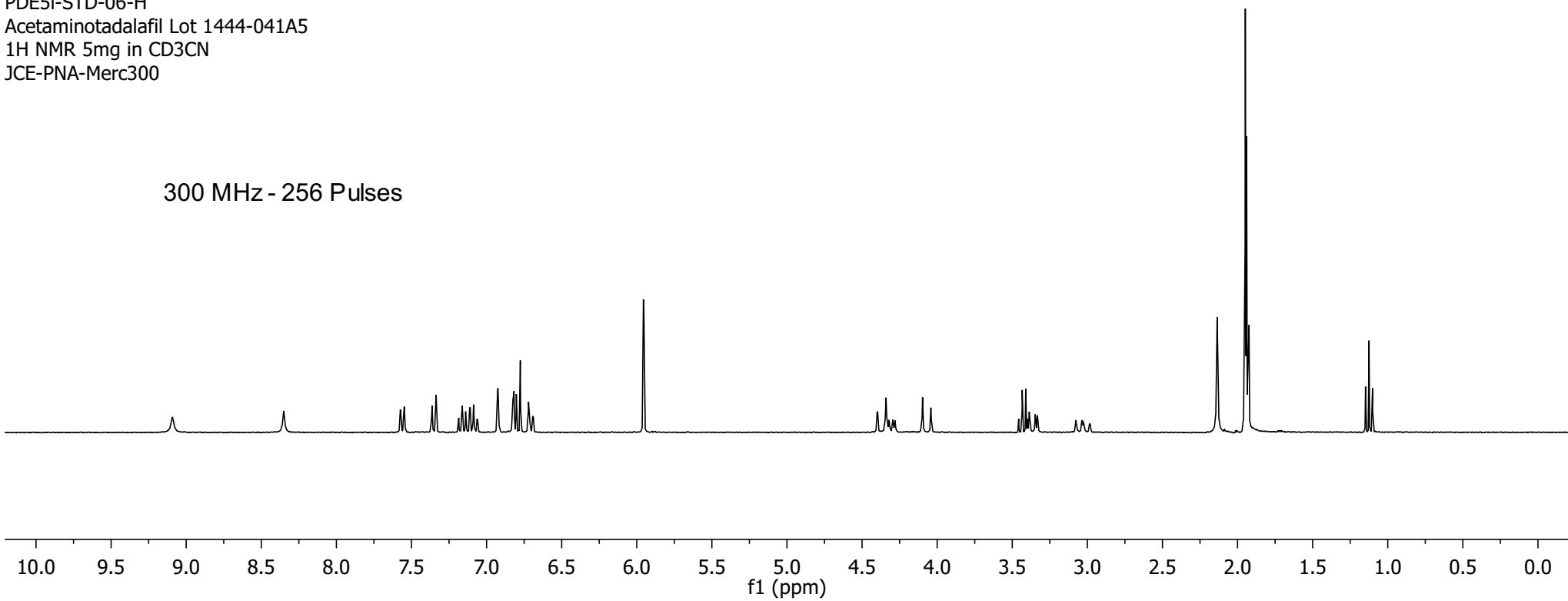


60 MHz - 256 pulses

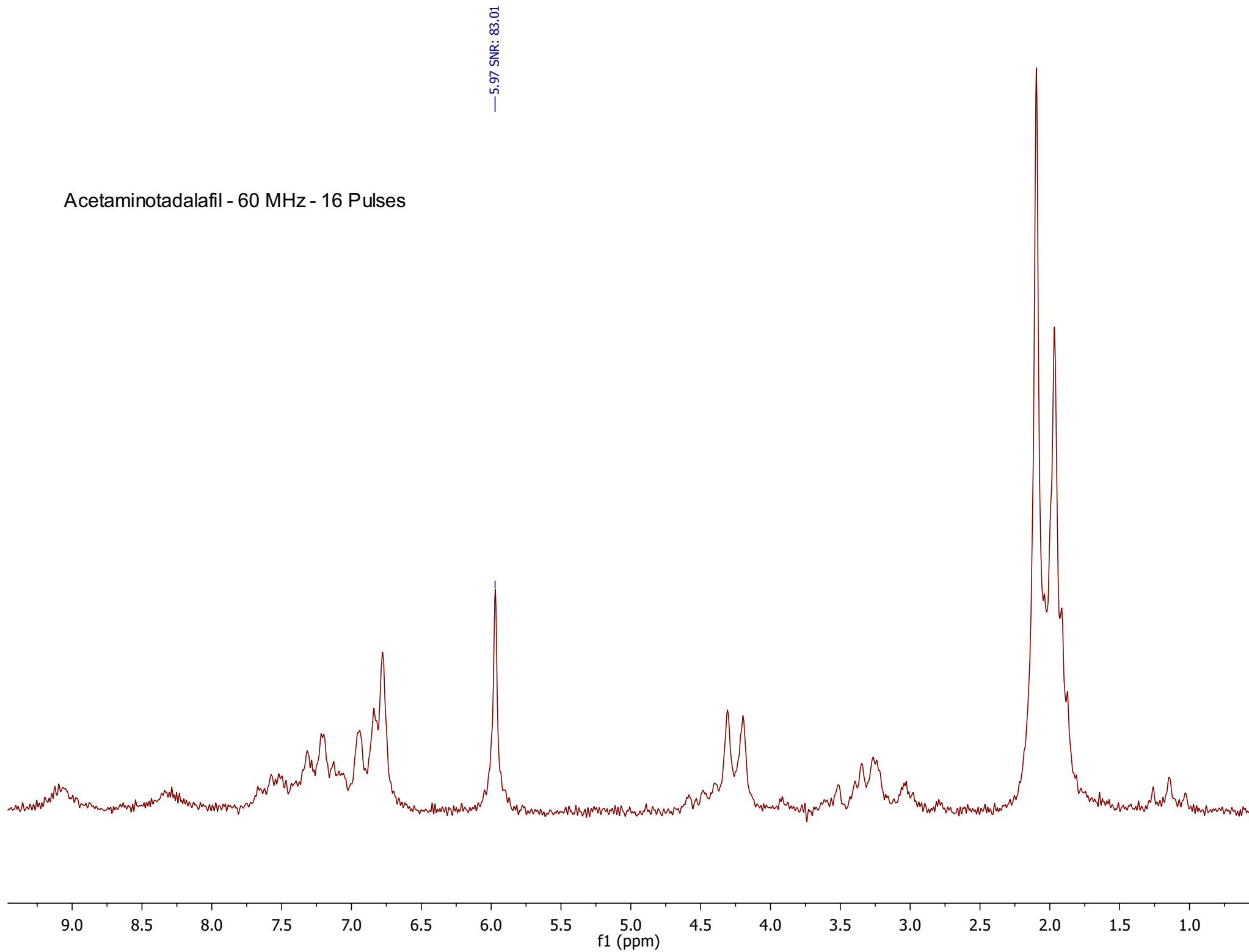


PDE5i-STD-06-H
Acetaminotadalafil Lot 1444-041A5
1H NMR 5mg in CD3CN
JCE-PNA-Merc300

300 MHz - 256 Pulses

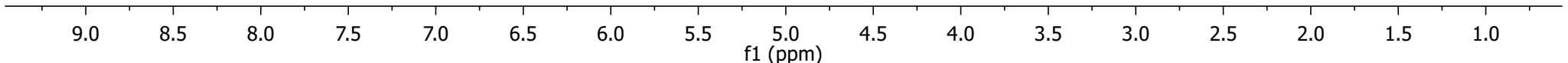


Acetaminotadalafil - 60 MHz - 16 Pulses



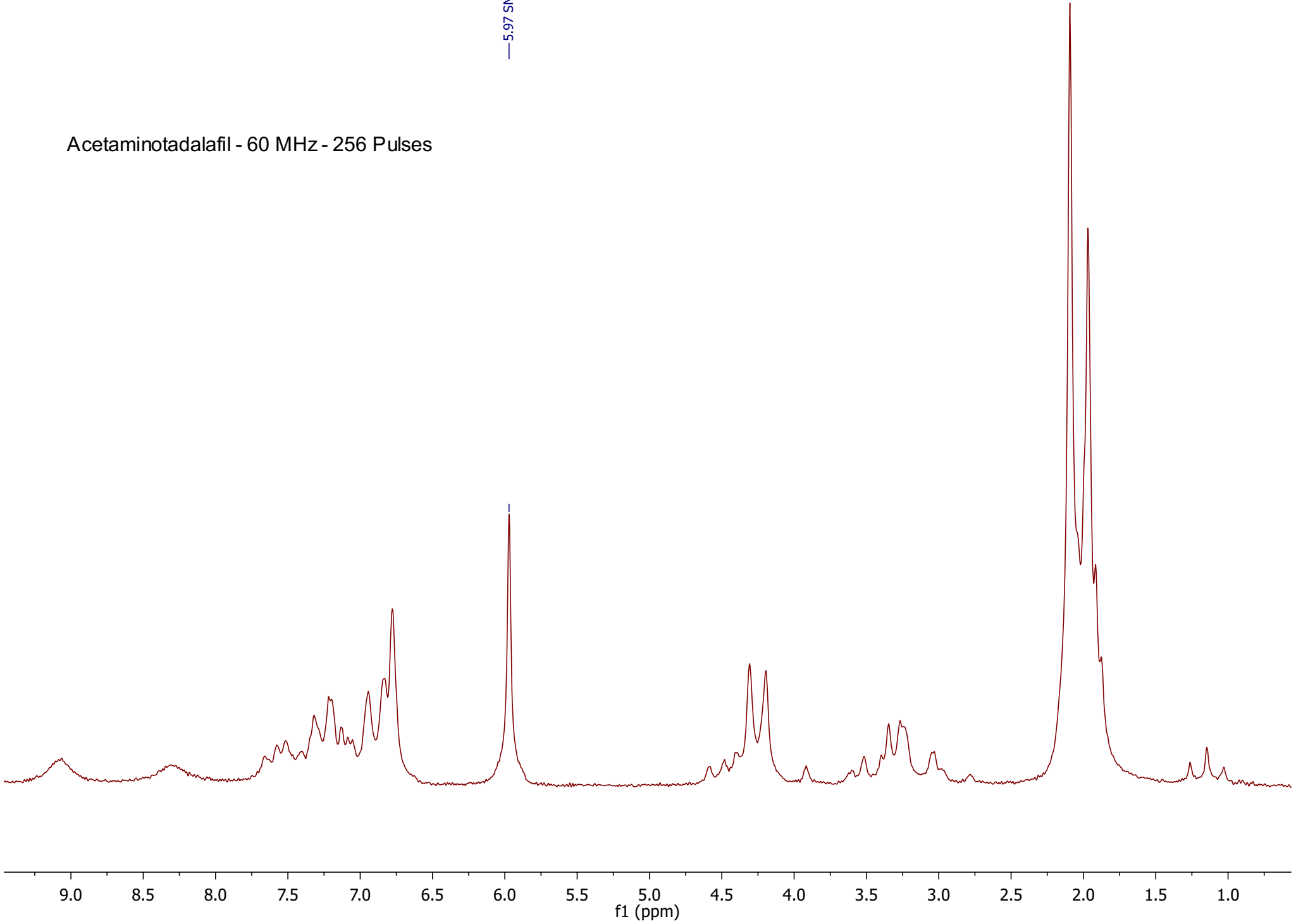
Acetaminotadalafil - 60 MHz - 64 Pulses

— 5.97 SNR: 145.71



Acetaminotadalafil - 60 MHz - 256 Pulses

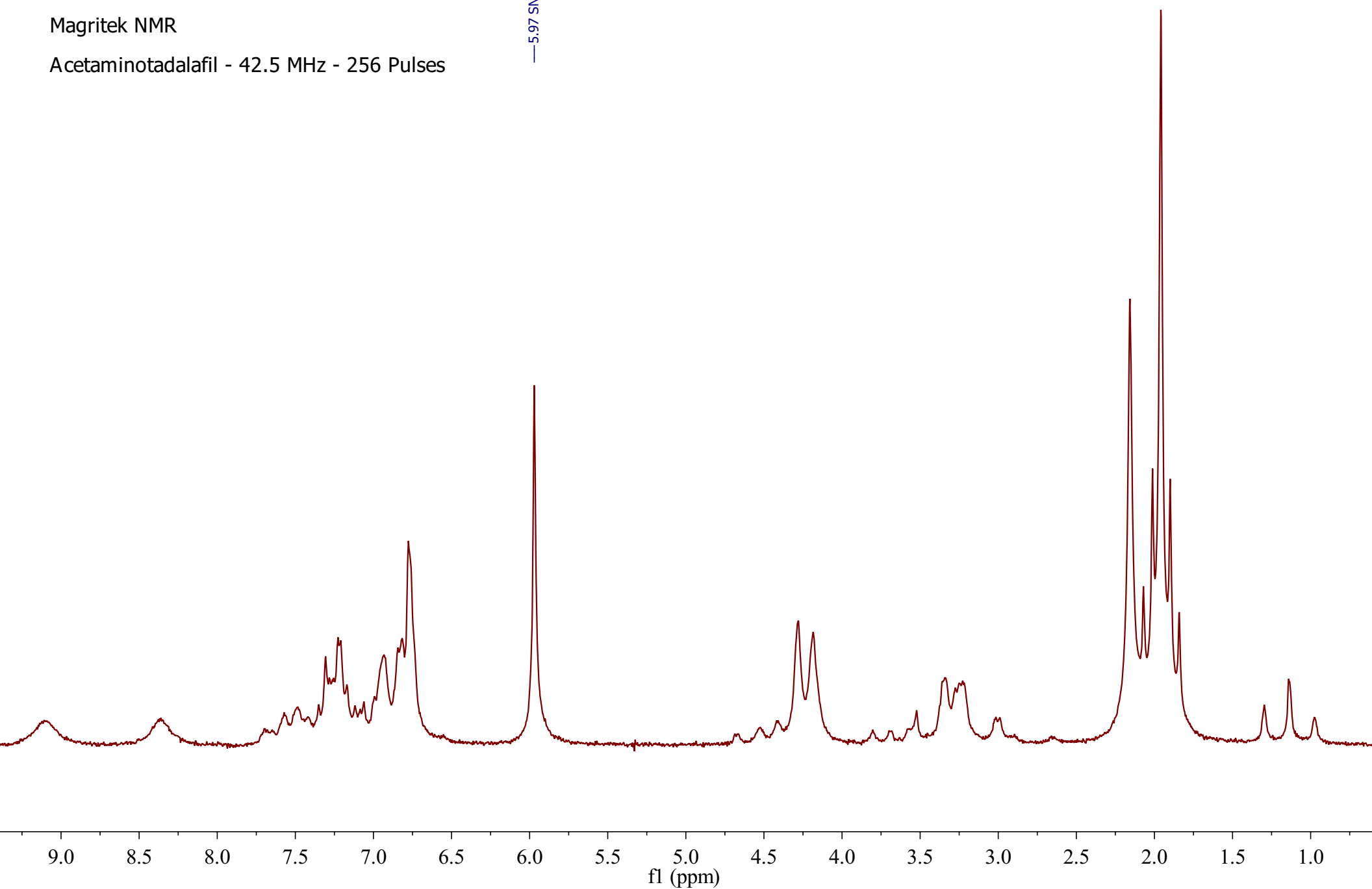
— 5.97 SNR: 386.70



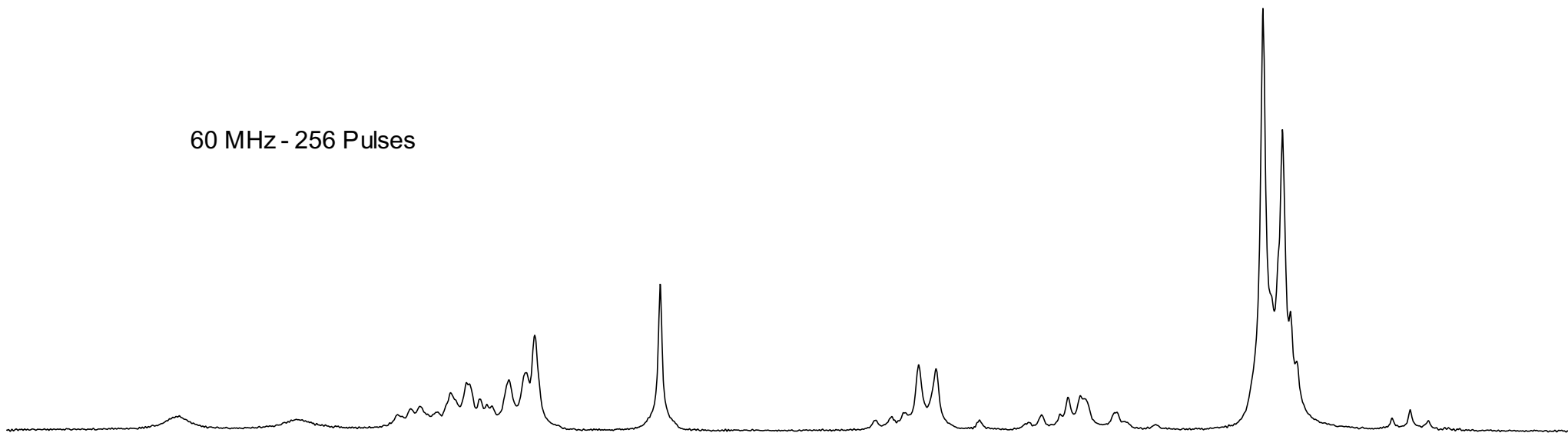
Magritek NMR

Acetaminotadalafil - 42.5 MHz - 256 Pulses

— 5.97 SNR: 343.46



60 MHz - 256 Pulses



PDE5i-STD-006-Acetaminotadalafil

42.5 MHz - 256 Pulses

