

Supplementary Material

New Derivatives of 1-(3-Methyl-1-Benzofuran-2-yl)Ethan-1-one: Synthesis and Preliminary Studies of Biological Activity

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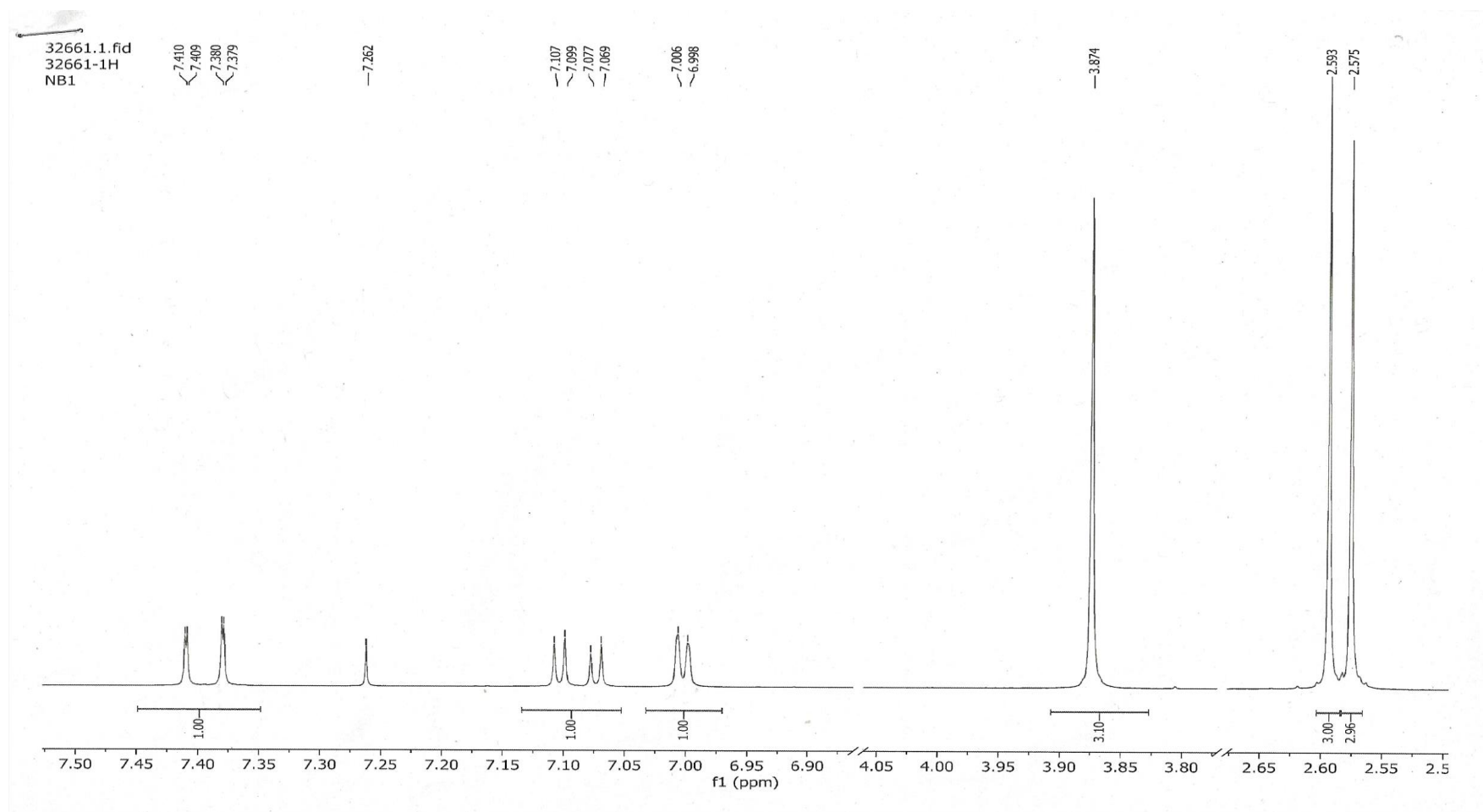
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3 Department of Biochemistry and Laboratory Diagnostic, Collegium Medicum Cardinal Stefan Wyszyński University, Kazimierza Wóycickiego 1 Str.,

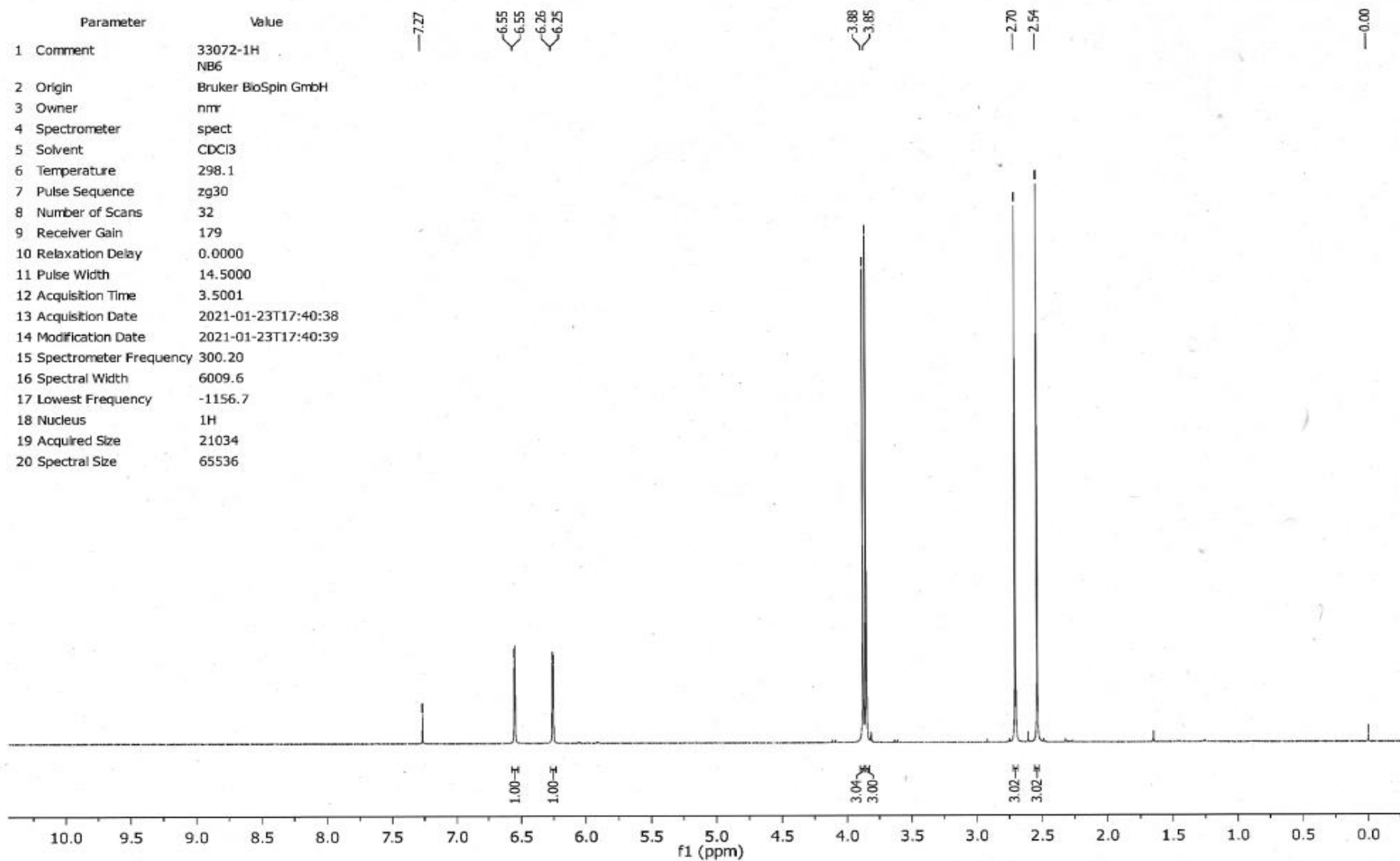
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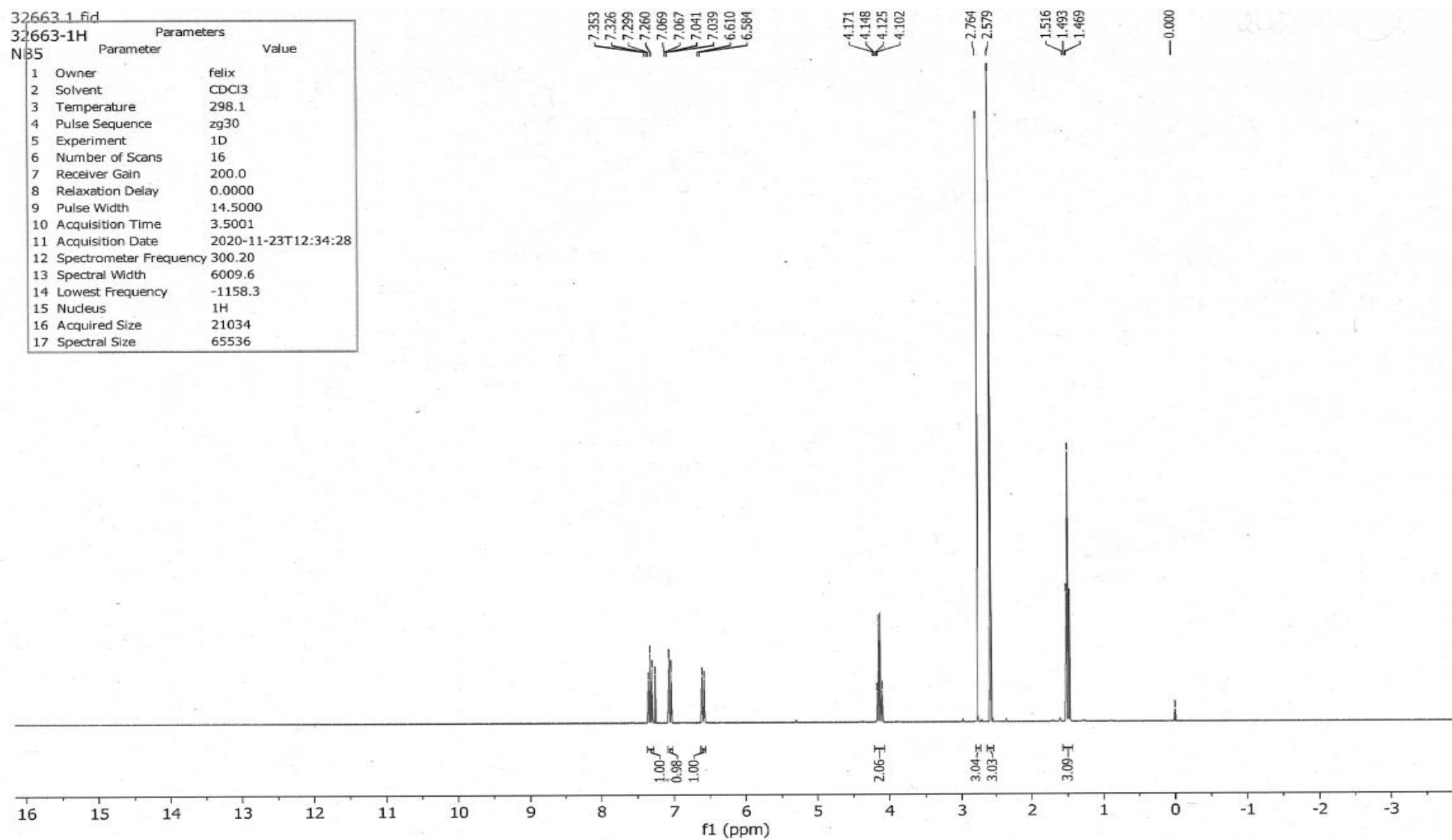
Spectrum 1. ^1H NMR of compound **1** (300 MHz, CDCl_3).



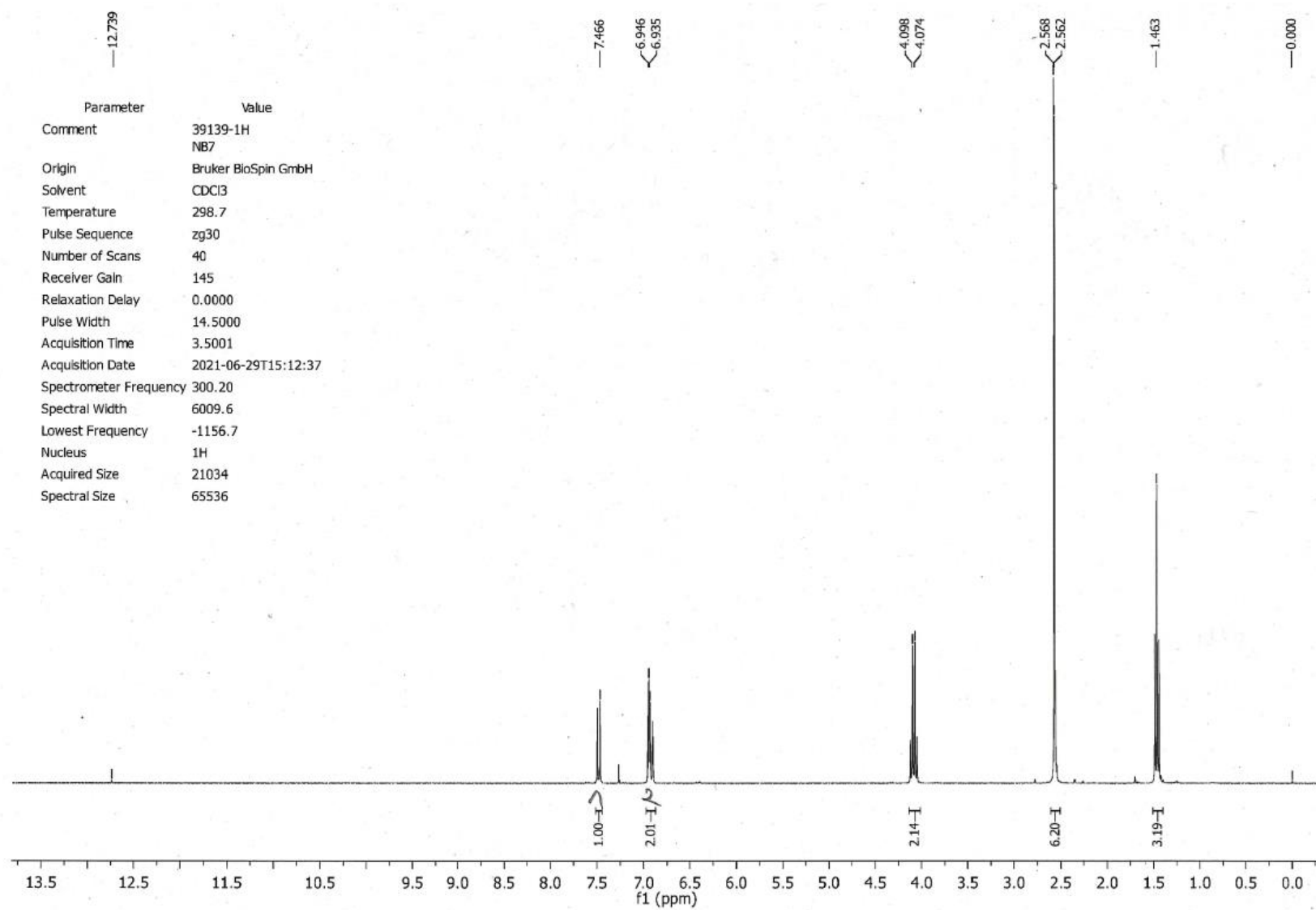
Spectrum 2. ^1H NMR of compound **2** (300 MHz, CDCl_3).



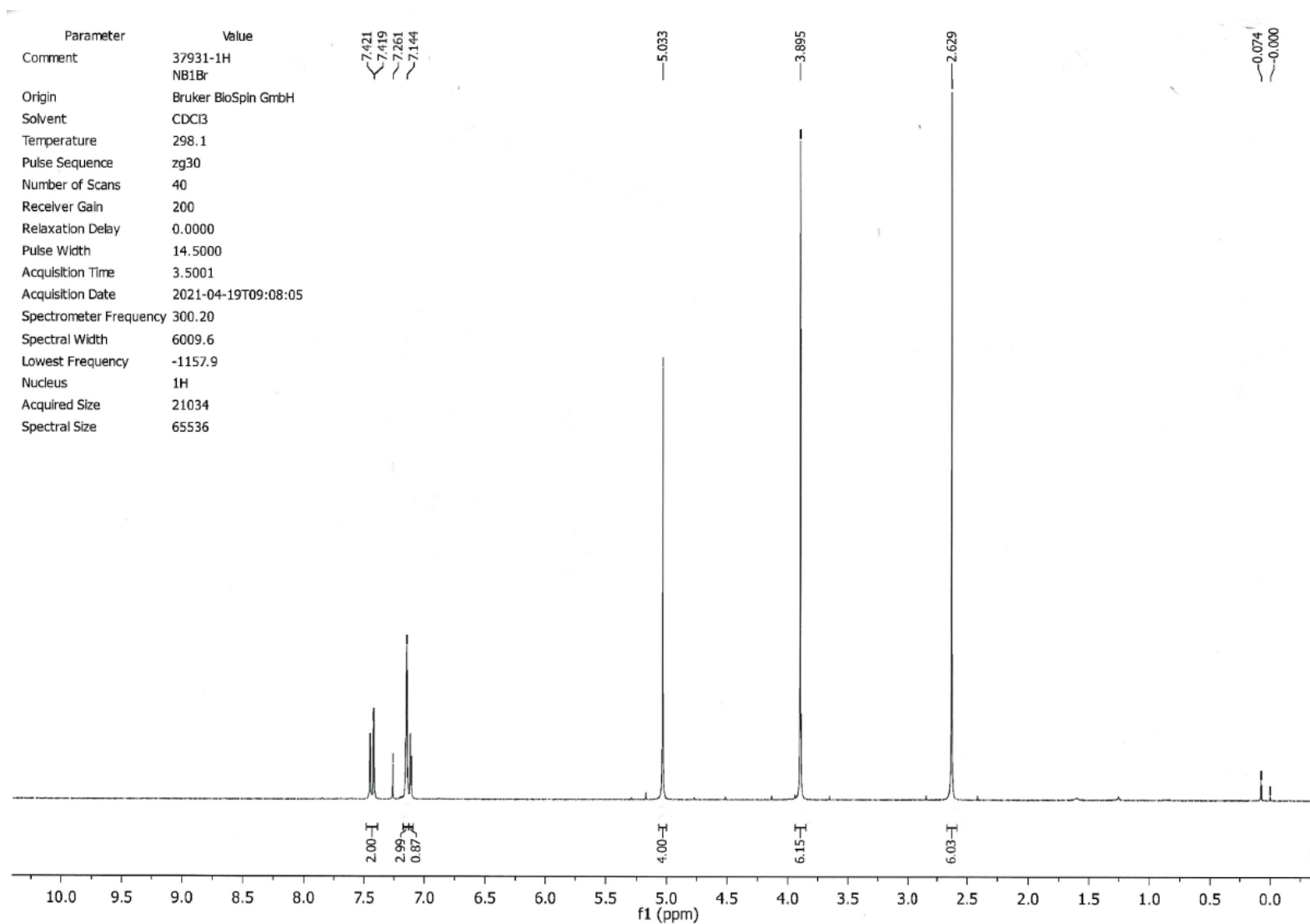
Spectrum 3. ^1H NMR of compound 3 (300 MHz, CDCl_3).



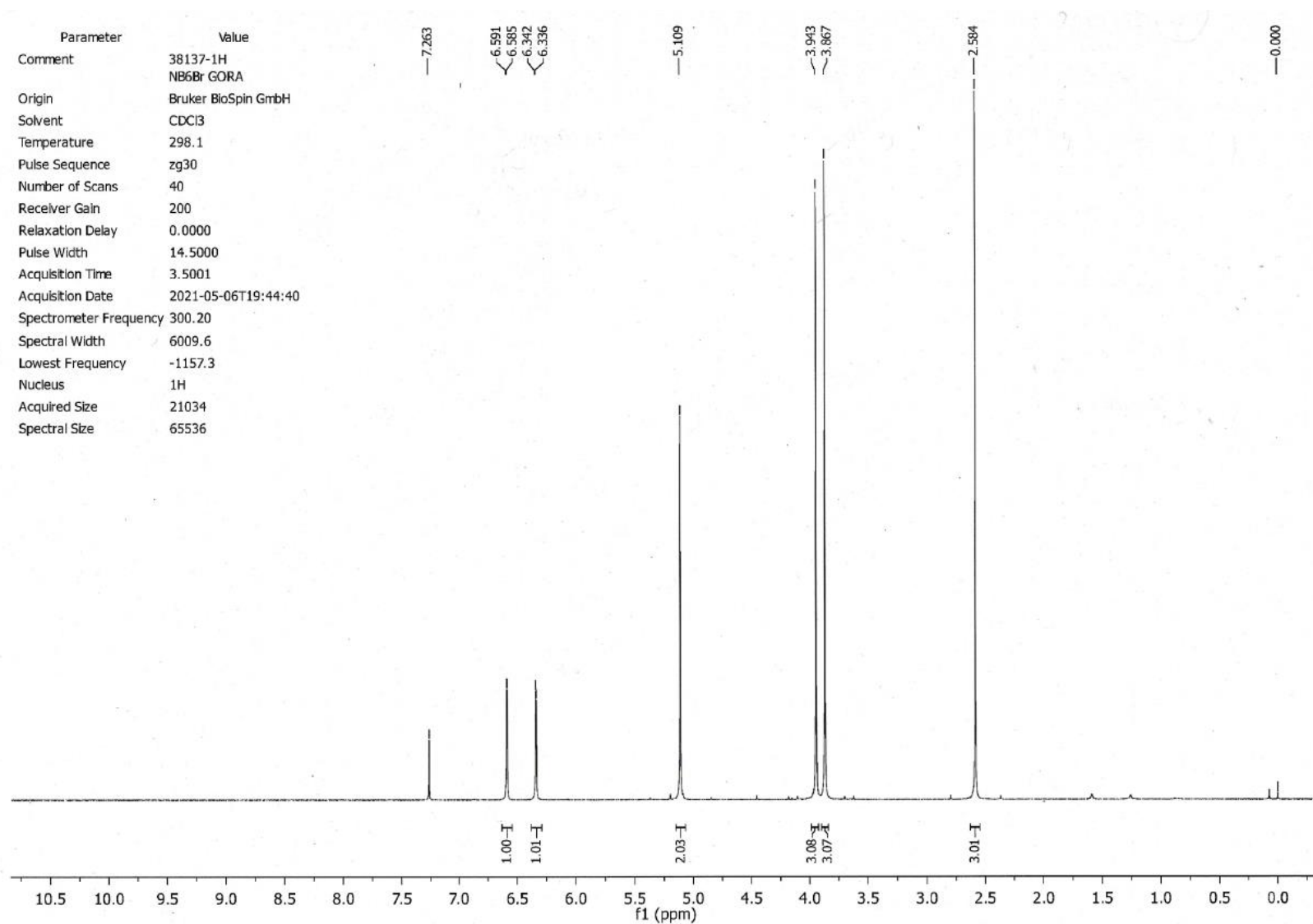
Spectrum 4. ^1H NMR of compound **4** (300 MHz, CDCl_3).



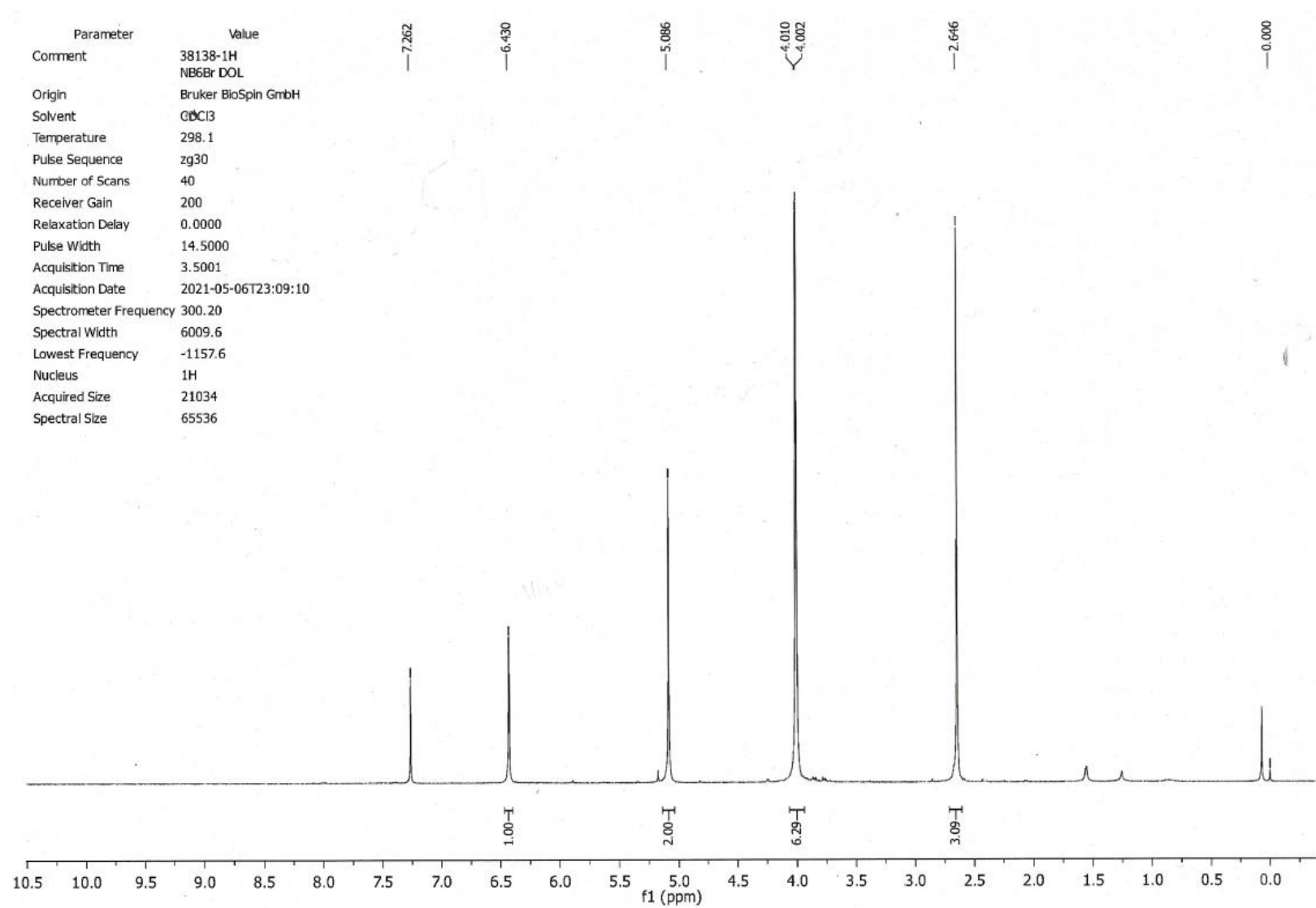
Spectrum 5. ^1H NMR of compound 5 (300 MHz, CDCl_3).



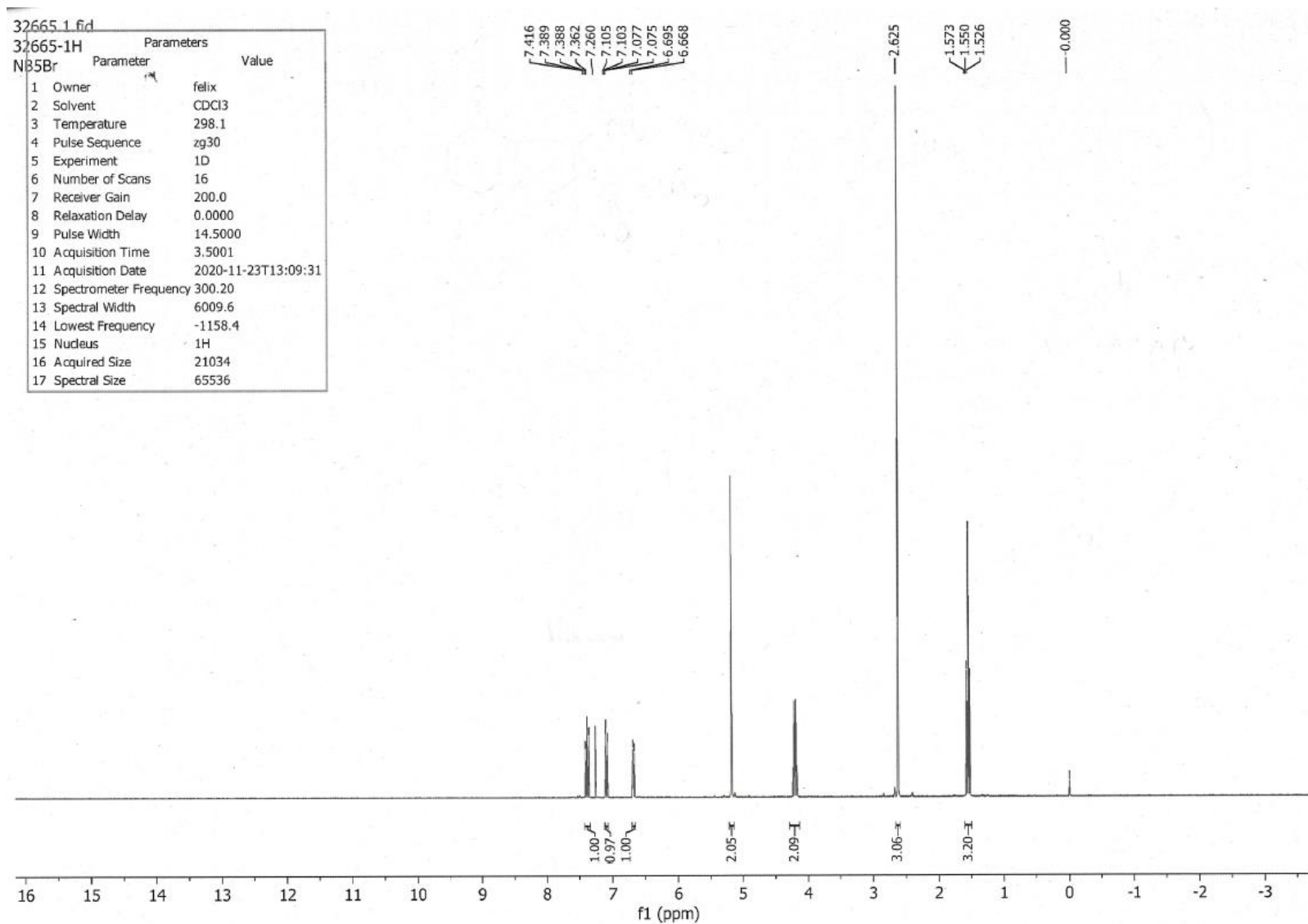
Spectrum 6. ^1H NMR of compound **6** (300 MHz, CDCl_3).



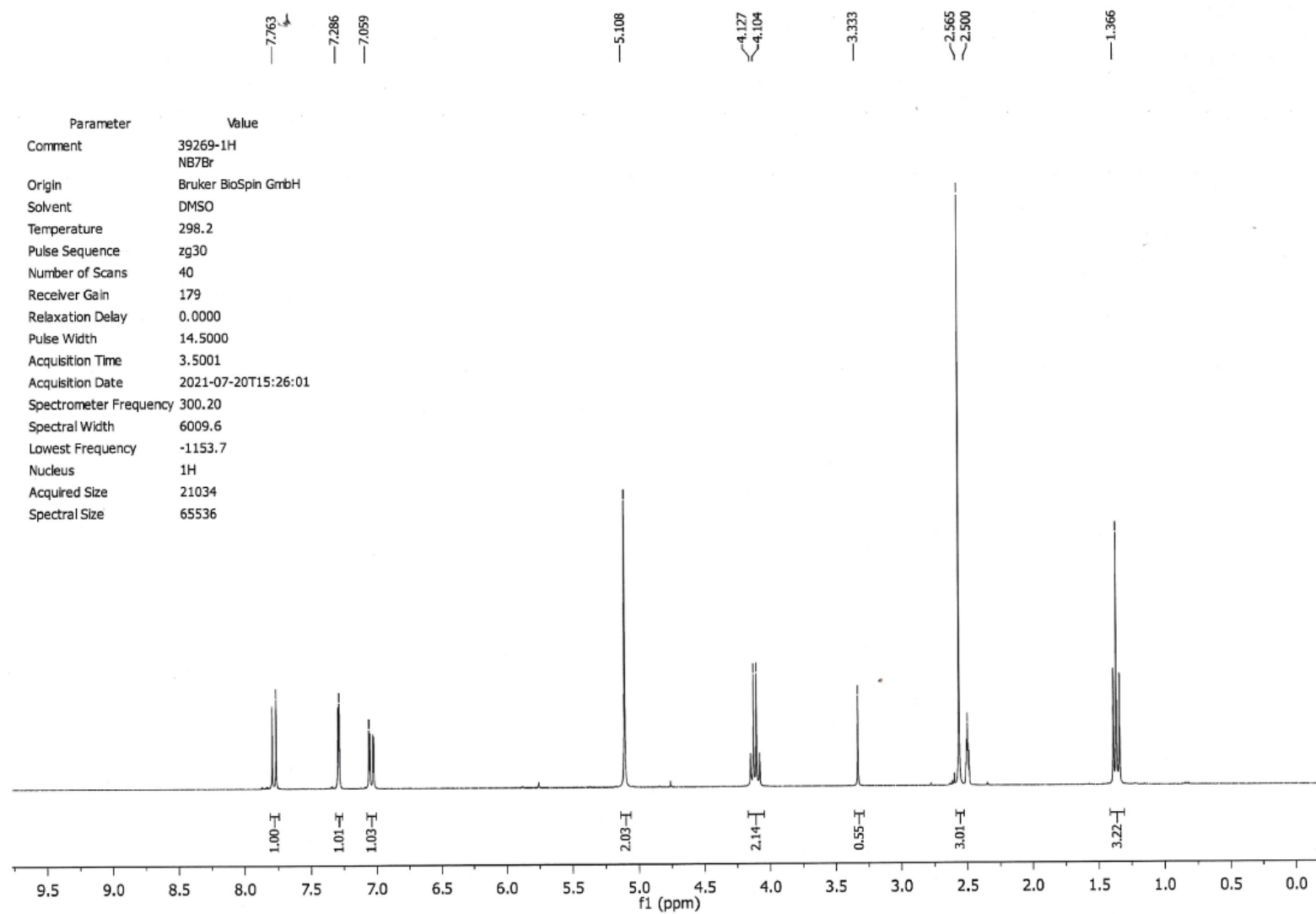
Spectrum 7. ^1H NMR of compound **7** (300 MHz, CDCl_3).



Spectrum 8. ^1H NMR of compound **8** (300 MHz, CDCl_3).



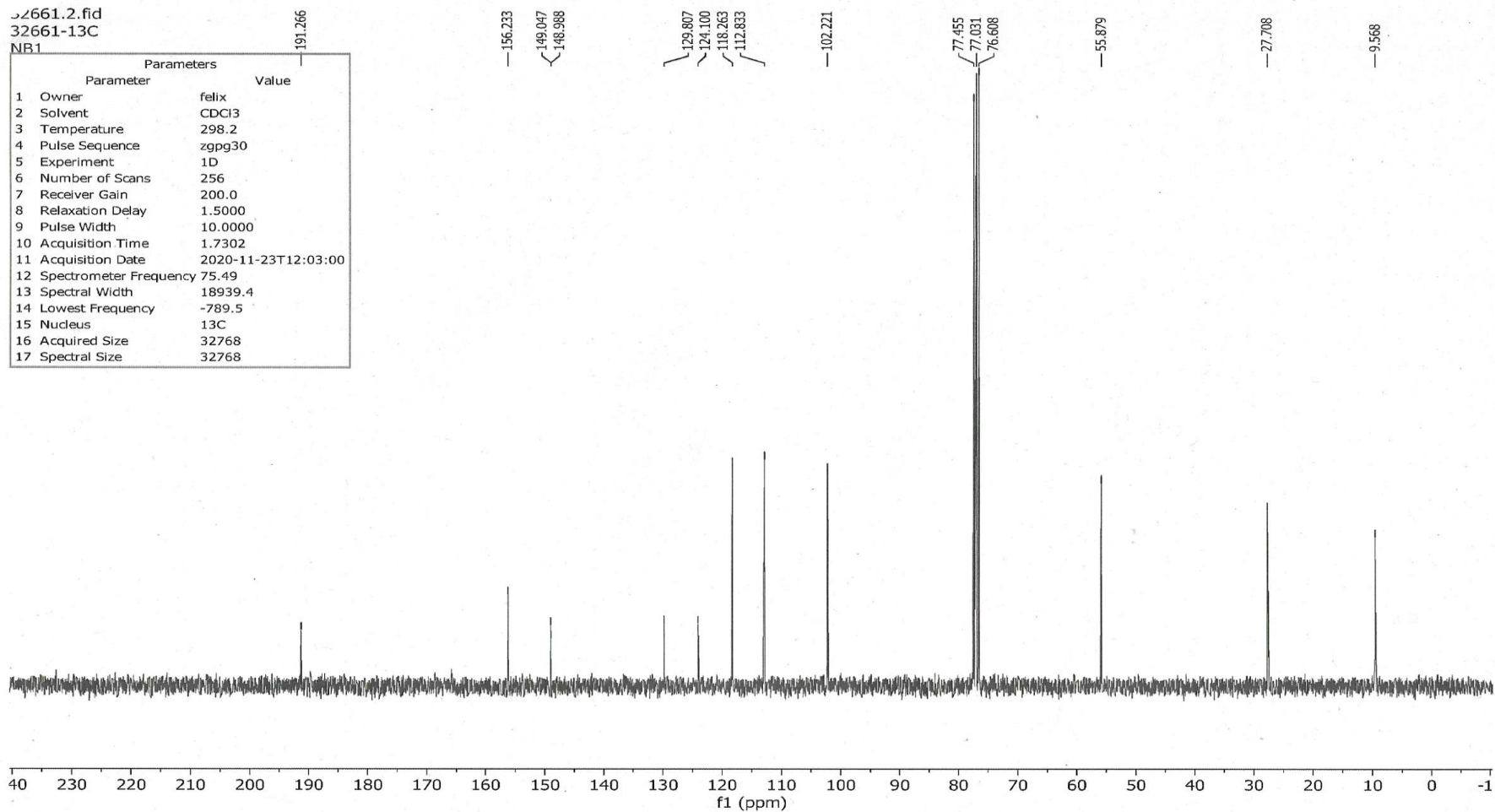
Spectrum 9. ^1H NMR of compound **9** (300 MHz, CDCl_3).



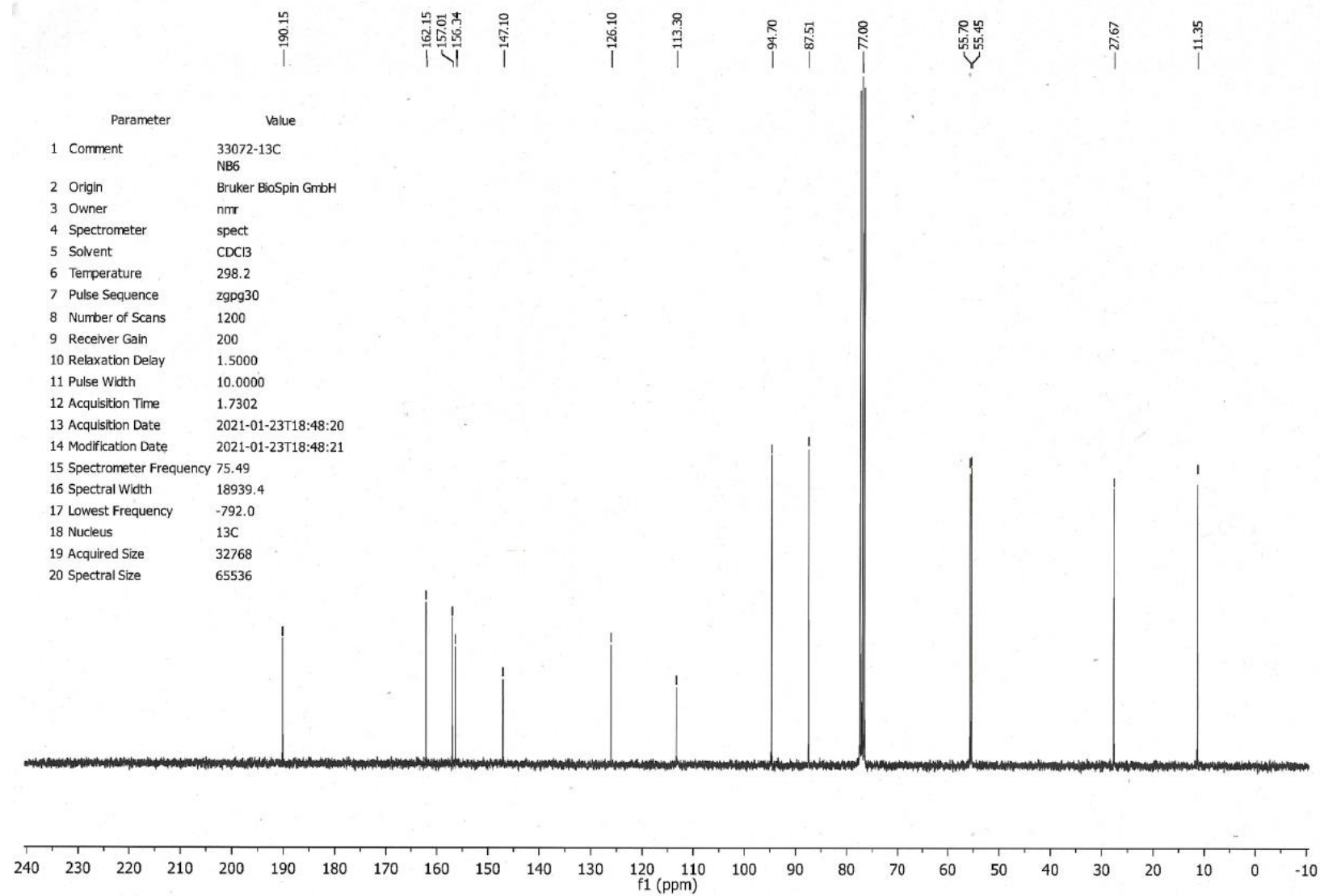
Spectrum 10. ^{13}C NMR of compound **1** (75.5 MHz, CDCl_3).

32661.2.fid
32661-13C
NR1

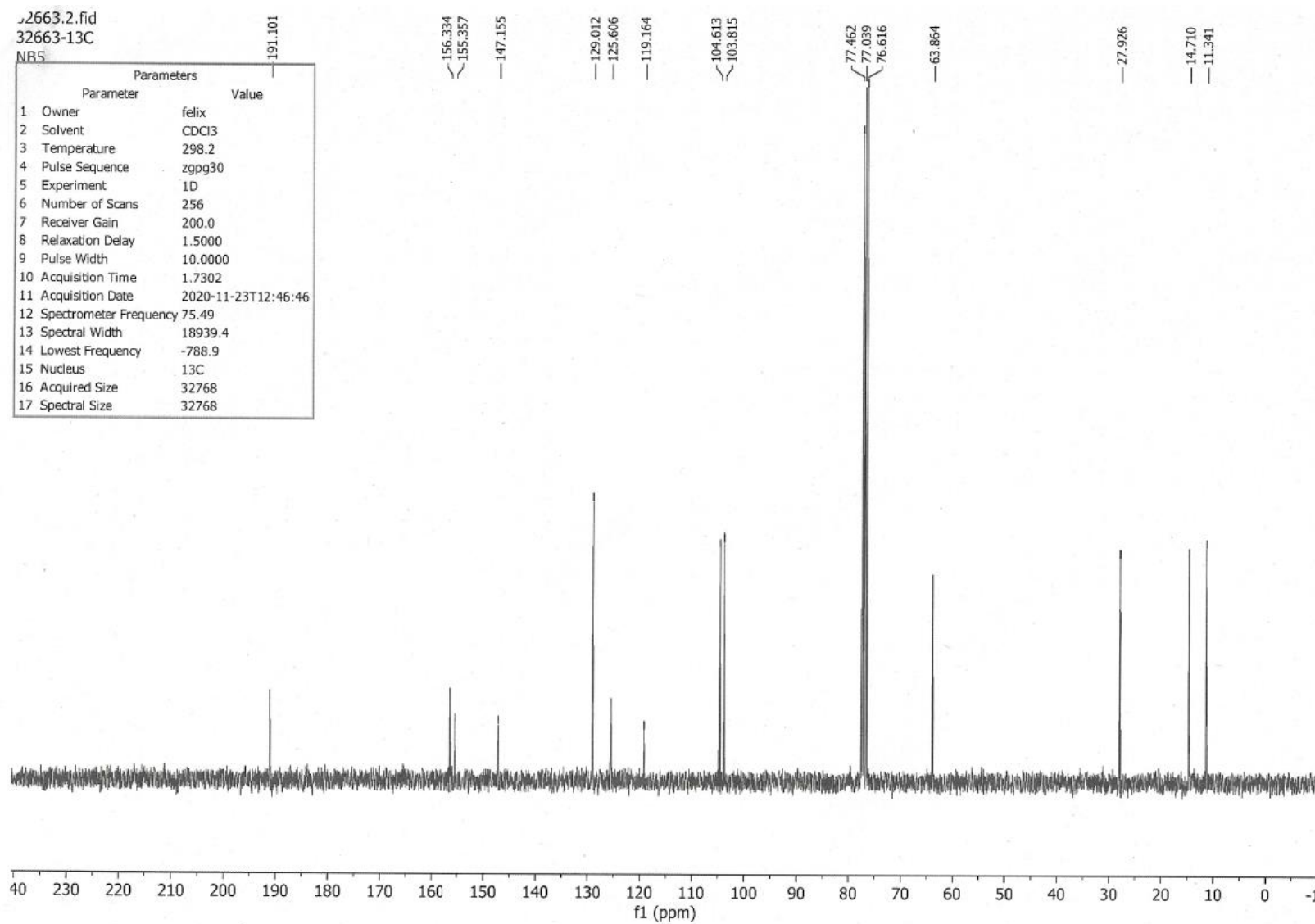
Parameters		Value
1	Owner	felix
2	Solvent	CDCl_3
3	Temperature	298.2
4	Pulse Sequence	zgpg30
5	Experiment	1D
6	Number of Scans	256
7	Receiver Gain	200.0
8	Relaxation Delay	1.5000
9	Pulse Width	10.0000
10	Acquisition Time	1.7302
11	Acquisition Date	2020-11-23T12:03:00
12	Spectrometer Frequency	75.49
13	Spectral Width	18939.4
14	Lowest Frequency	-789.5
15	Nucleus	^{13}C
16	Acquired Size	32768
17	Spectral Size	32768



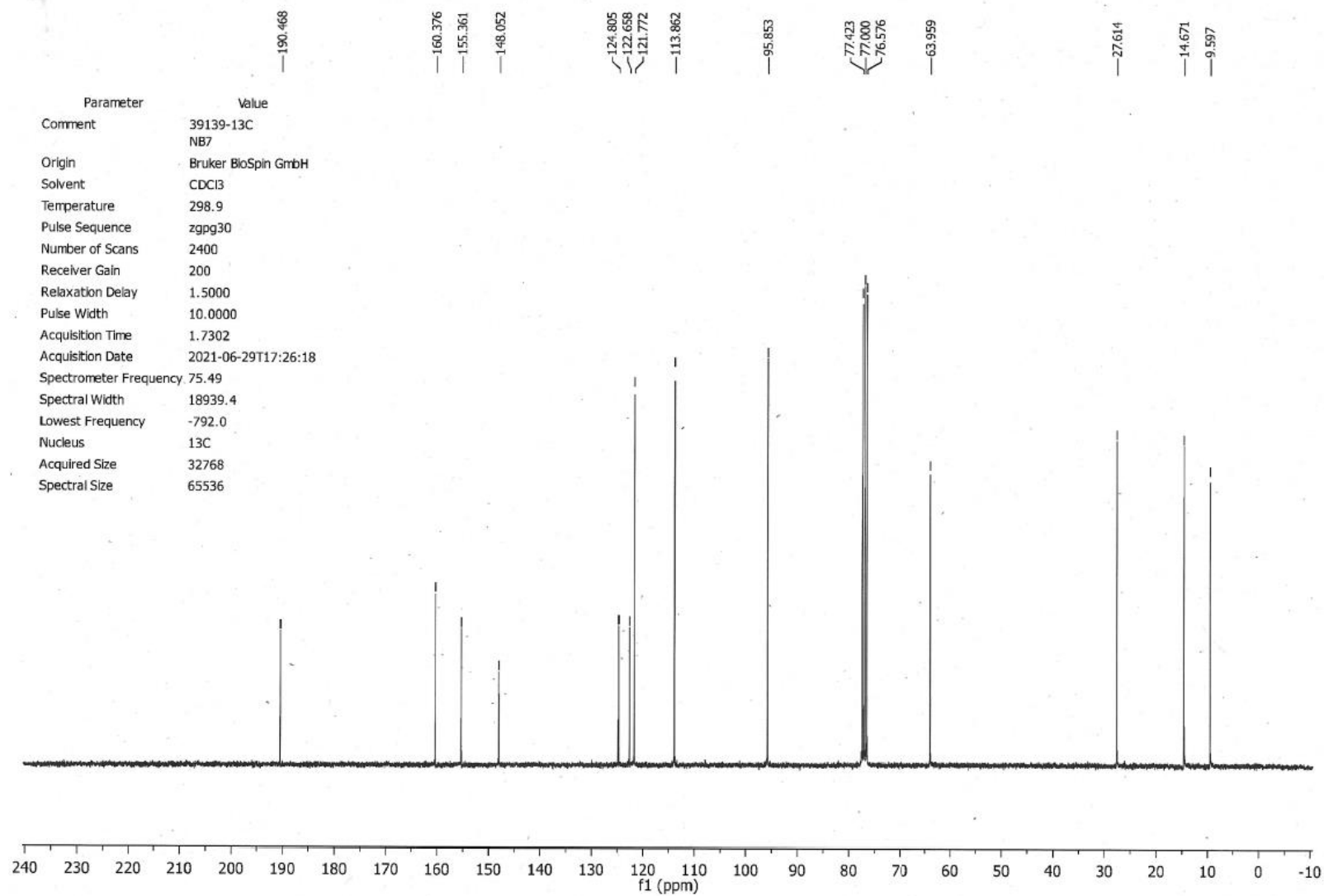
Spectrum 11. ^{13}C NMR of compound **2** (75.5 MHz, CDCl_3)



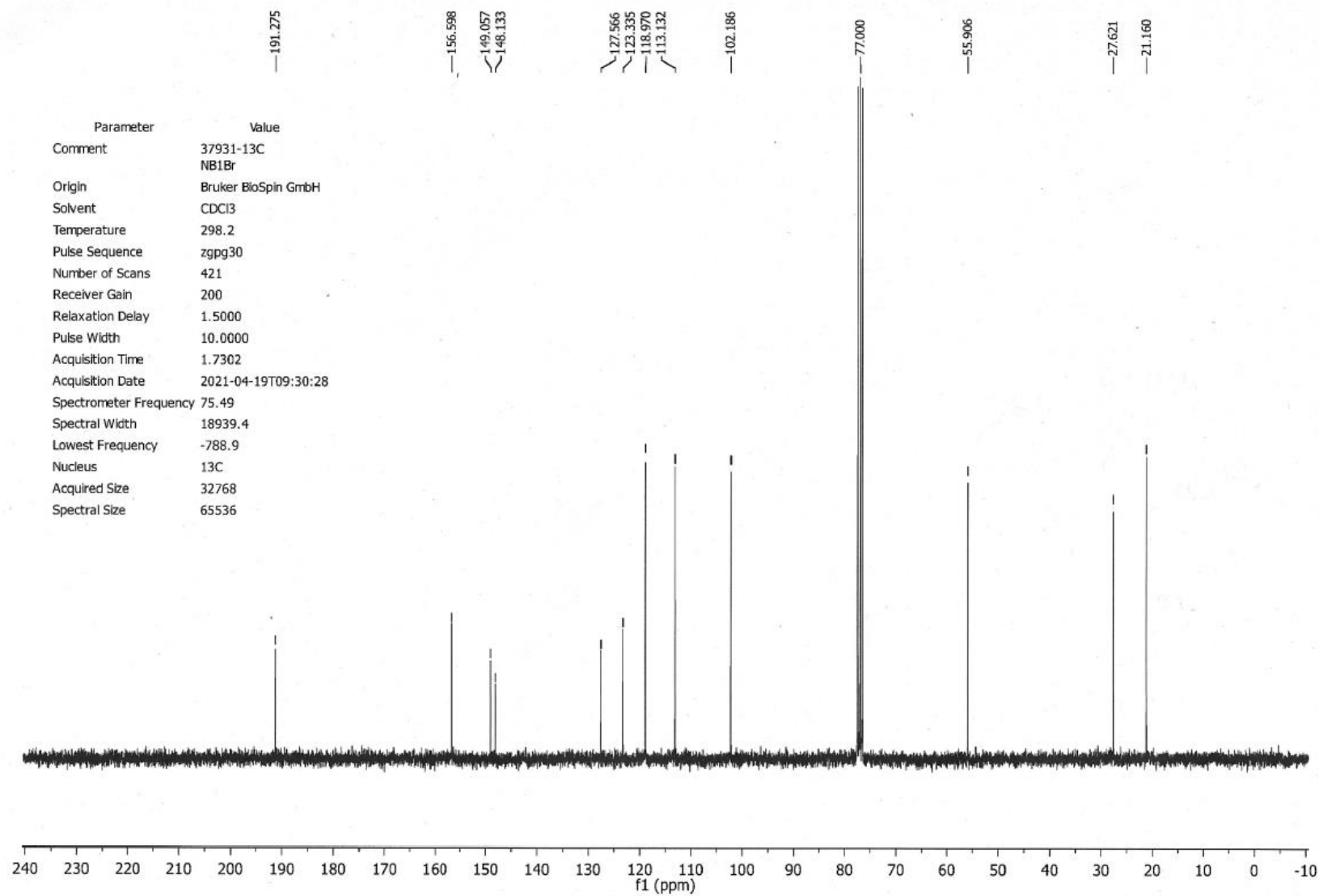
Spectrum 12. ^{13}C NMR of compound **3** (75.5 MHz, CDCl_3)



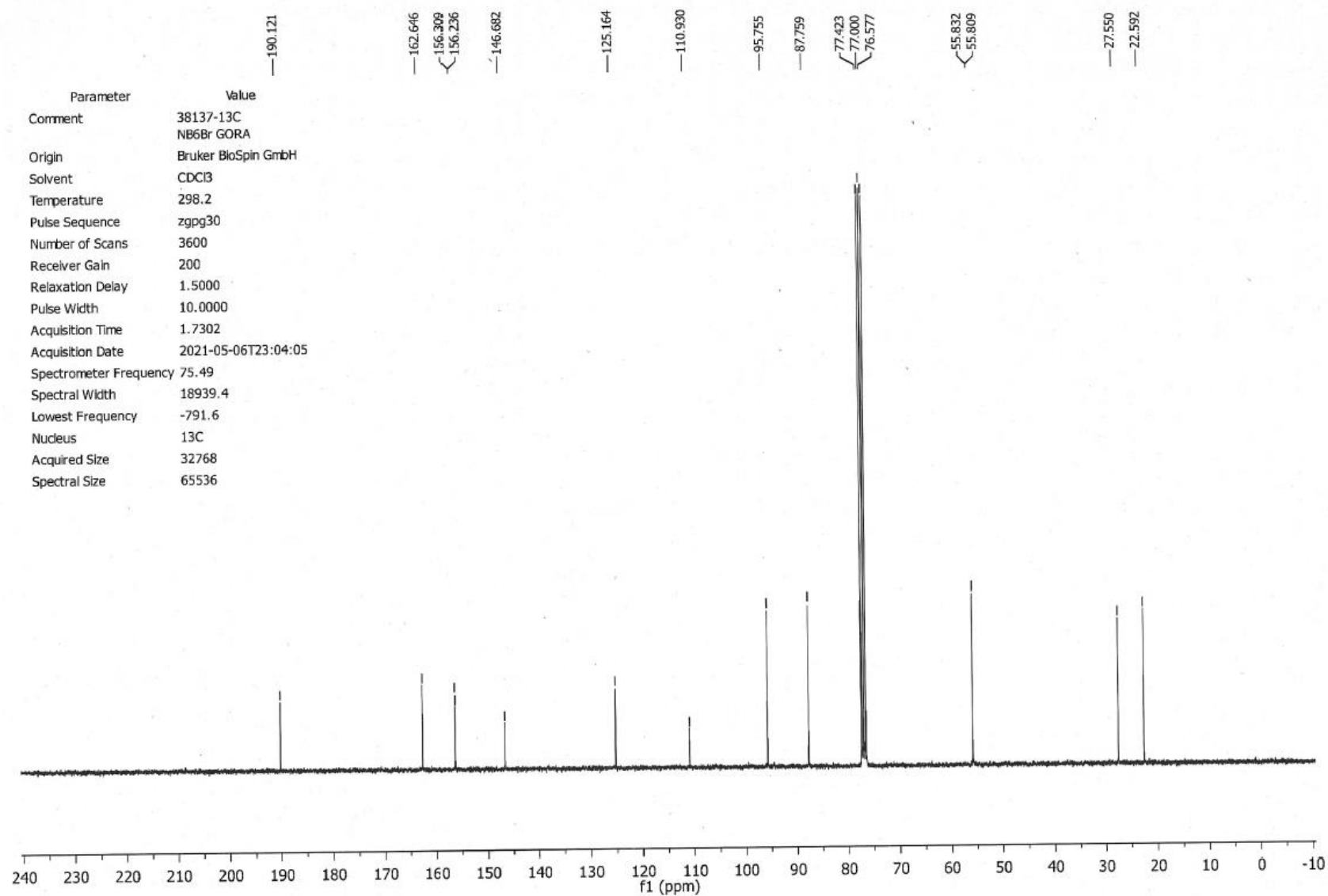
Spectrum 13. ^{13}C NMR of compound **4** (75.5 MHz, CDCl_3)



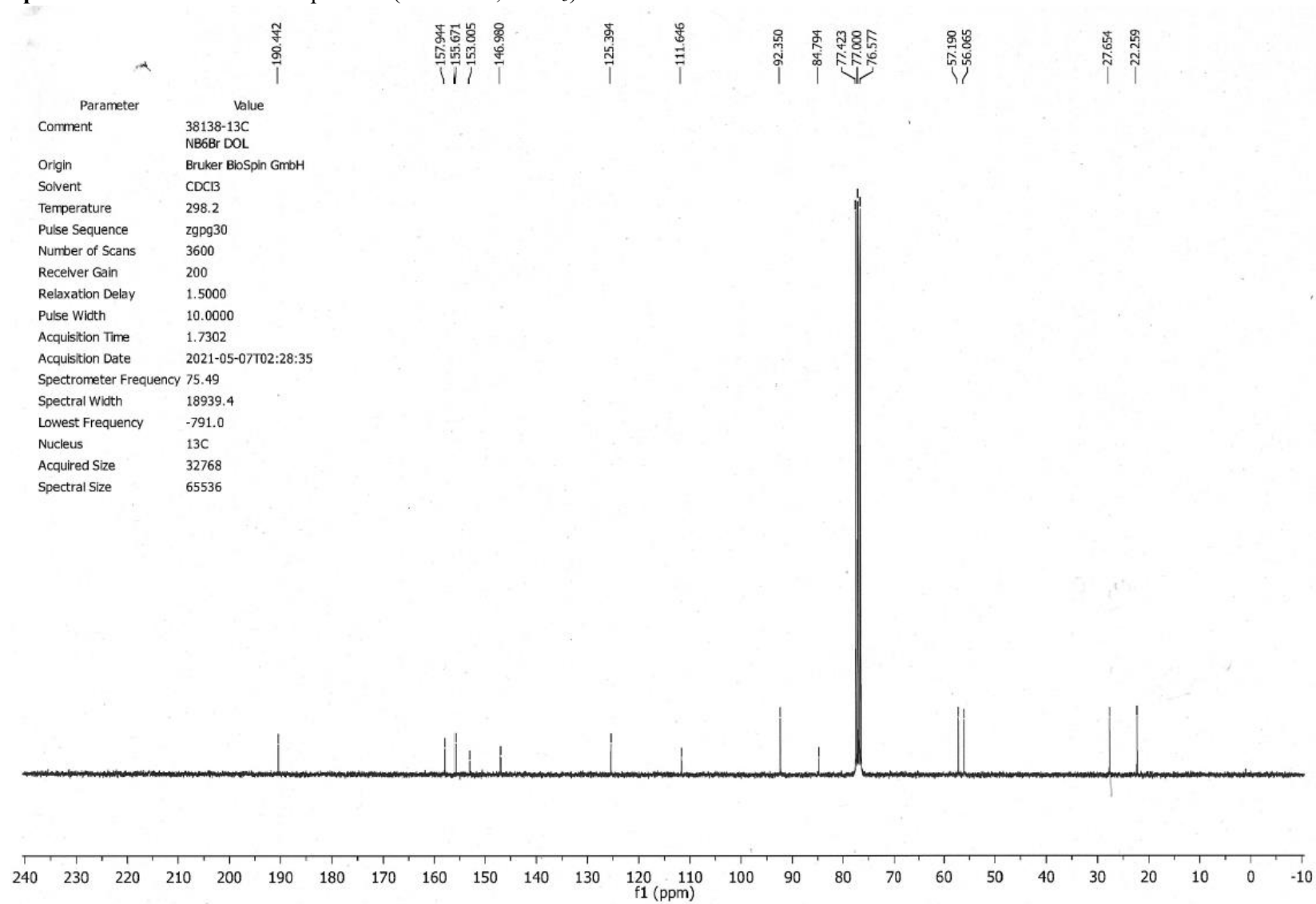
Spectrum 14. ^{13}C NMR of compound **5** (75.5 MHz, CDCl_3)



Spectrum 15. ^{13}C NMR of compound **6** (75.5 MHz, CDCl_3)



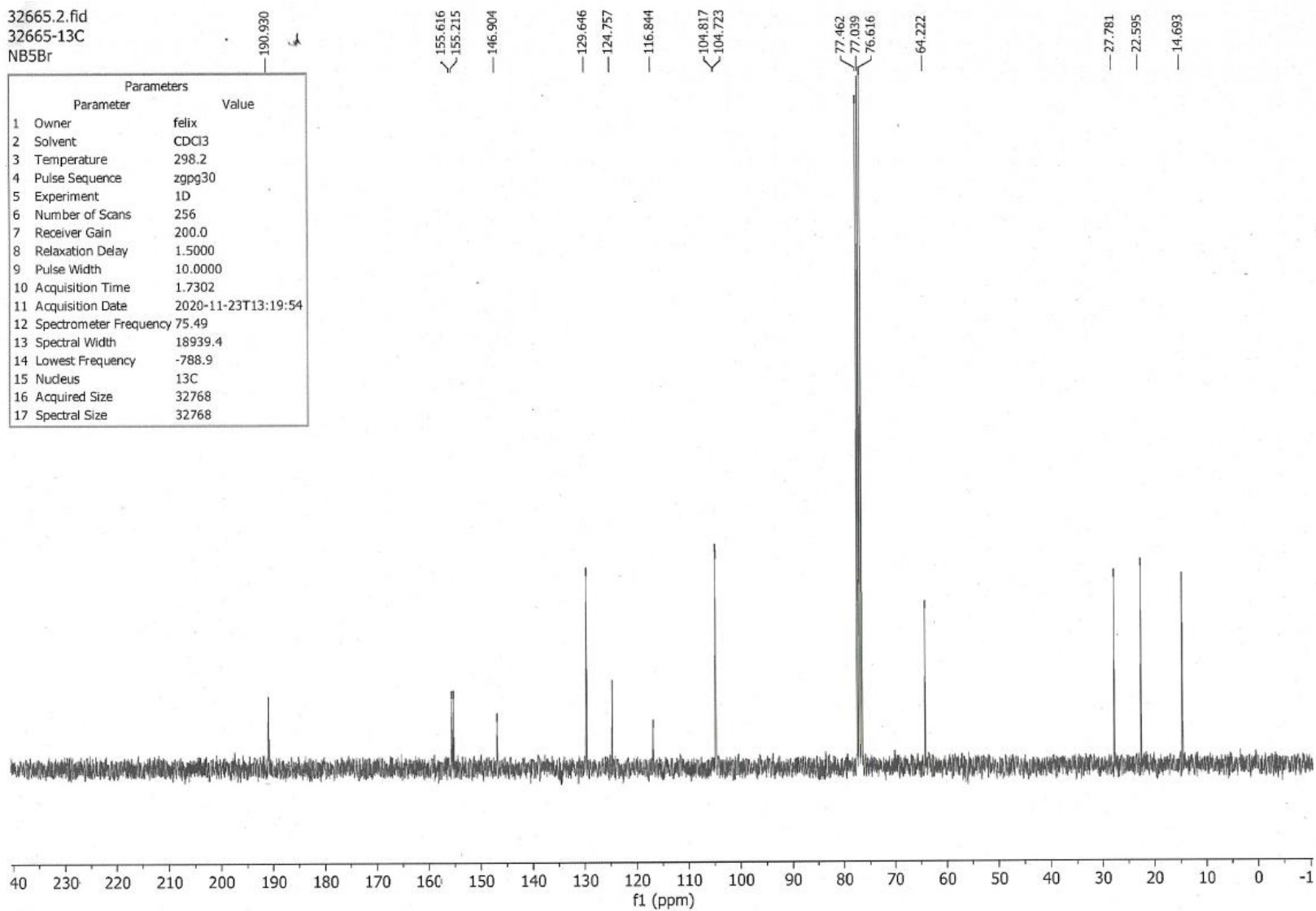
Spectrum 16. ^{13}C NMR of compound **7** (75.5 MHz, CDCl_3)



Spectrum 17. ^{13}C NMR of compound **8** (75.5 MHz, CDCl_3)

32665.2.fid
32665-13C
NB5Br

Parameters		
Parameter		Value
1 Owner	felix	
2 Solvent	CDCl_3	
3 Temperature	298.2	
4 Pulse Sequence	zgpg30	
5 Experiment	1D	
6 Number of Scans	256	
7 Receiver Gain	200.0	
8 Relaxation Delay	1.5000	
9 Pulse Width	10.0000	
10 Acquisition Time	1.7302	
11 Acquisition Date	2020-11-23T13:19:54	
12 Spectrometer Frequency	75.49	
13 Spectral Width	18939.4	
14 Lowest Frequency	-788.9	
15 Nucleus	^{13}C	
16 Acquired Size	32768	
17 Spectral Size	32768	



Spectrum 18. ^{13}C NMR of compound **9** (75.5 MHz, CDCl_3)

