Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry

Electronic Supplementary information – ^{1}H and ^{13}C-NMR spectra

Practical Synthesis of β-oxo benzo[*d*]thiazol sulfones: Scope and Limitations

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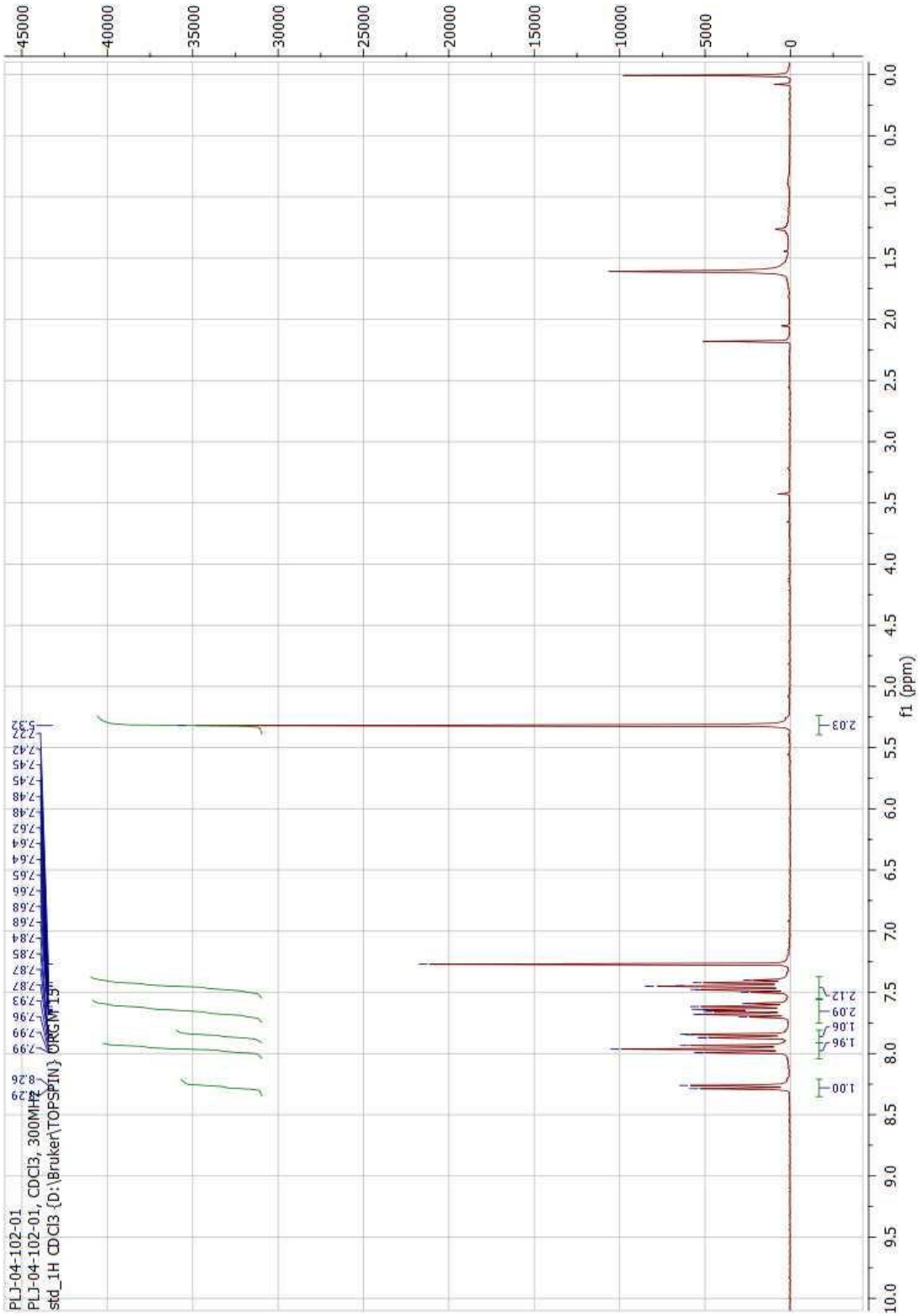
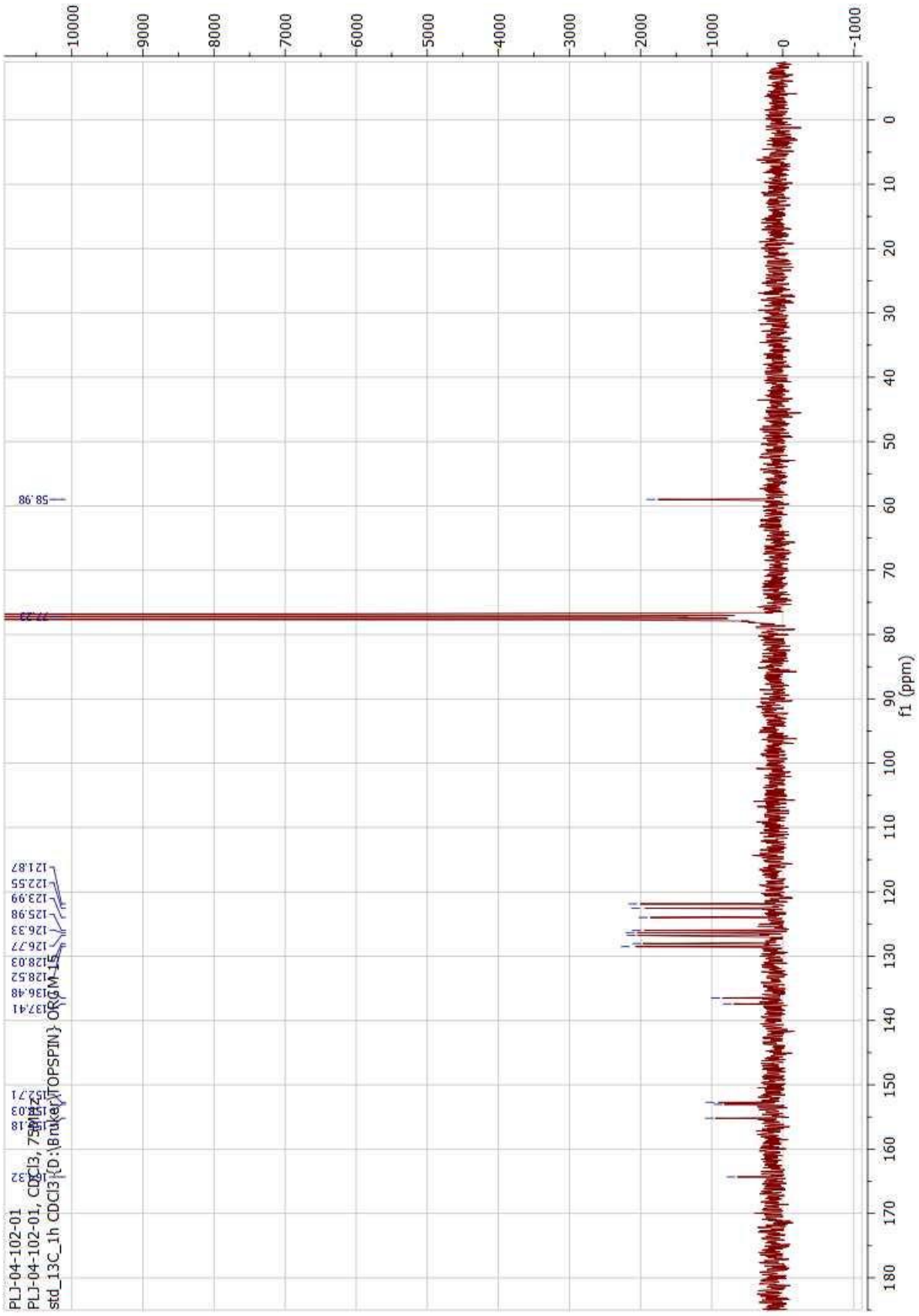
^{1}H and ^{13}C NMR of compound 7





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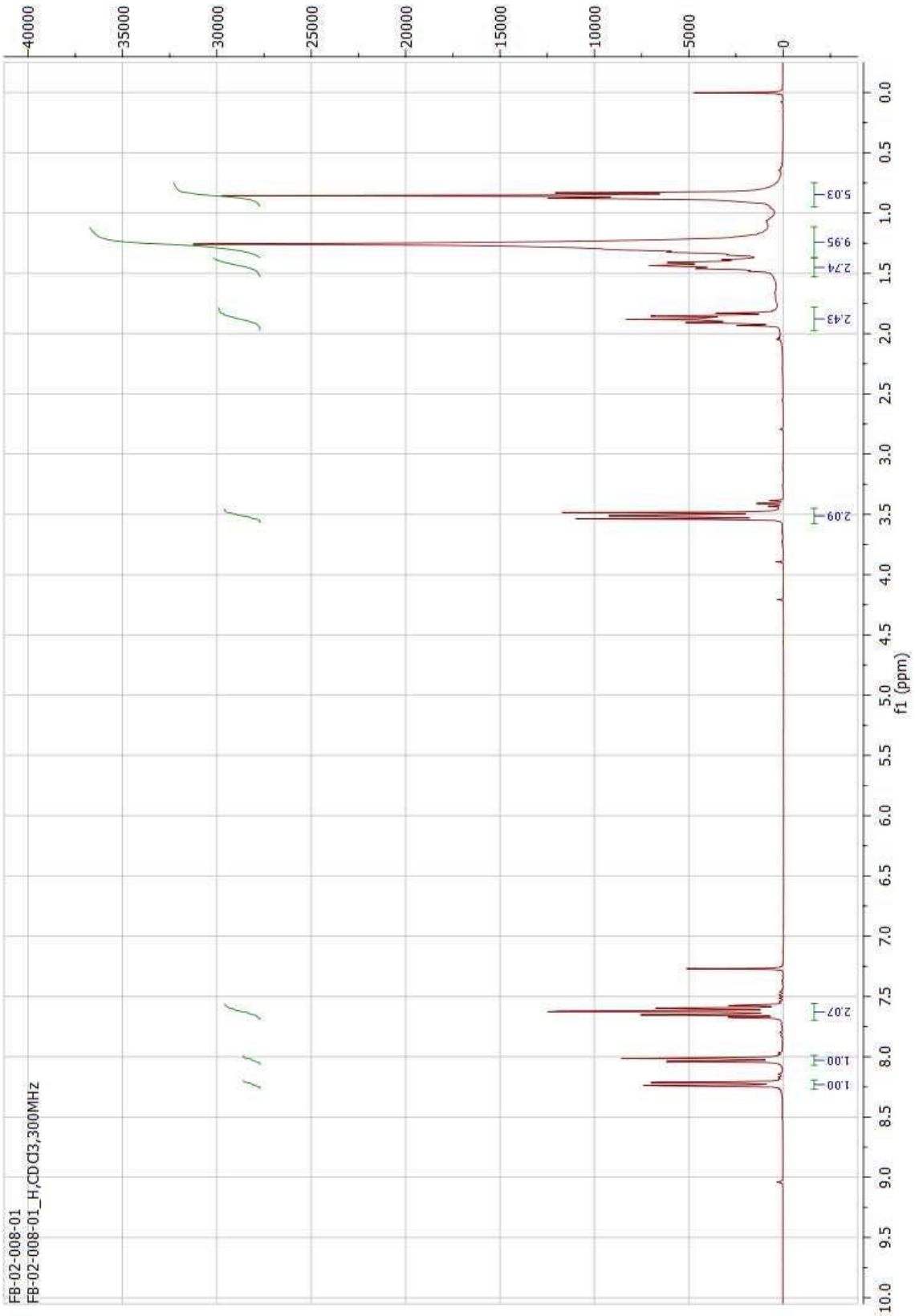

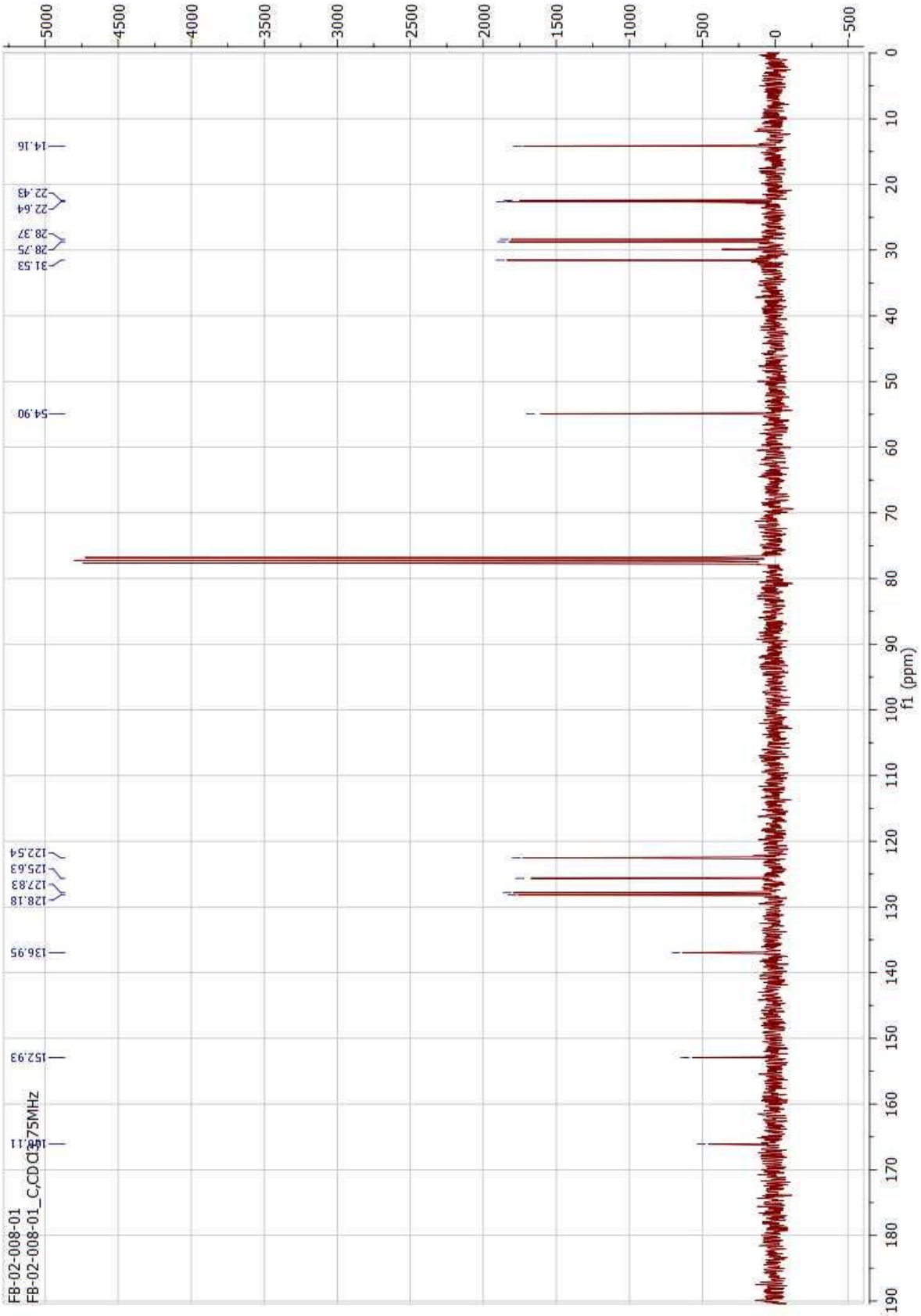

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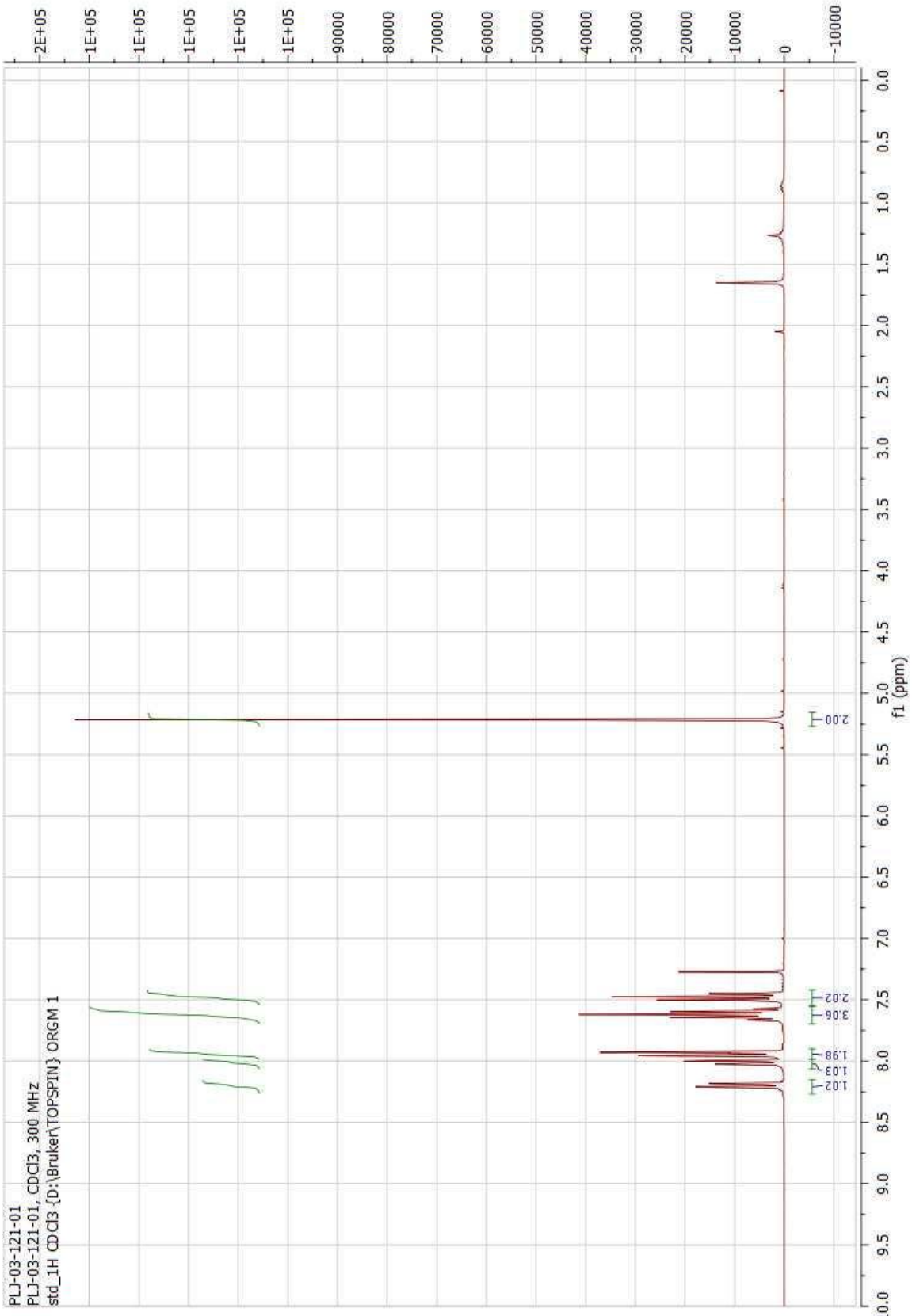

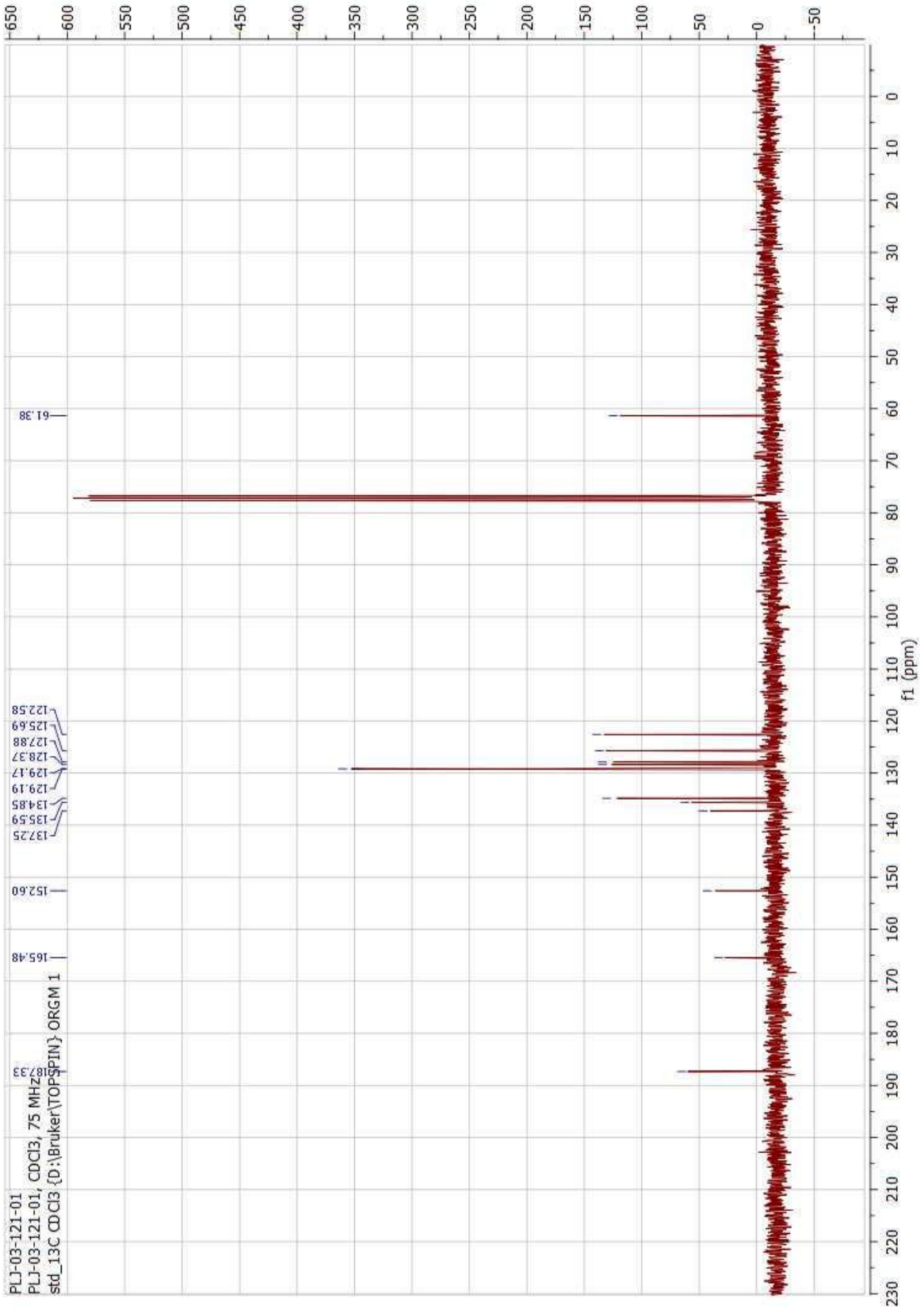

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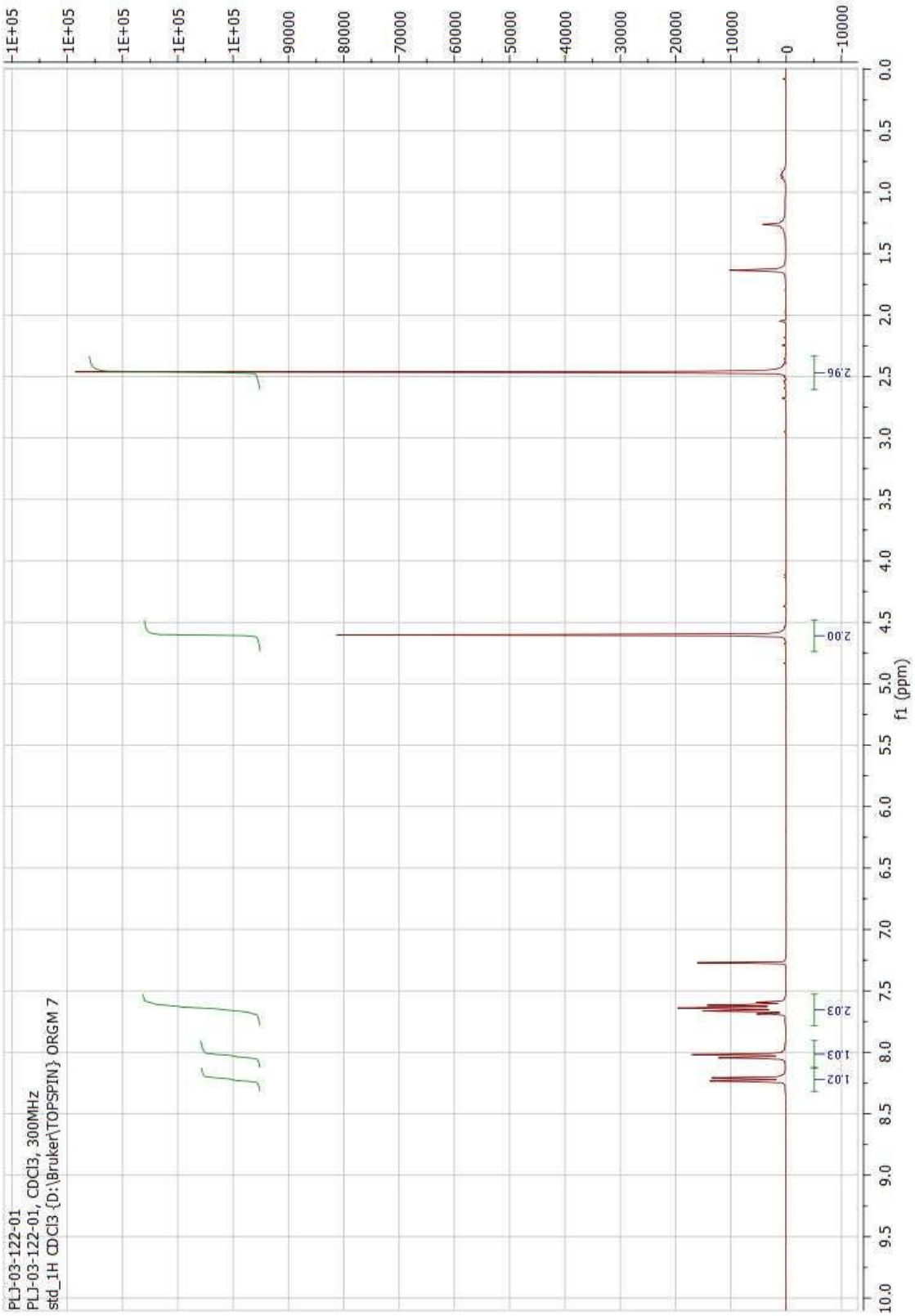

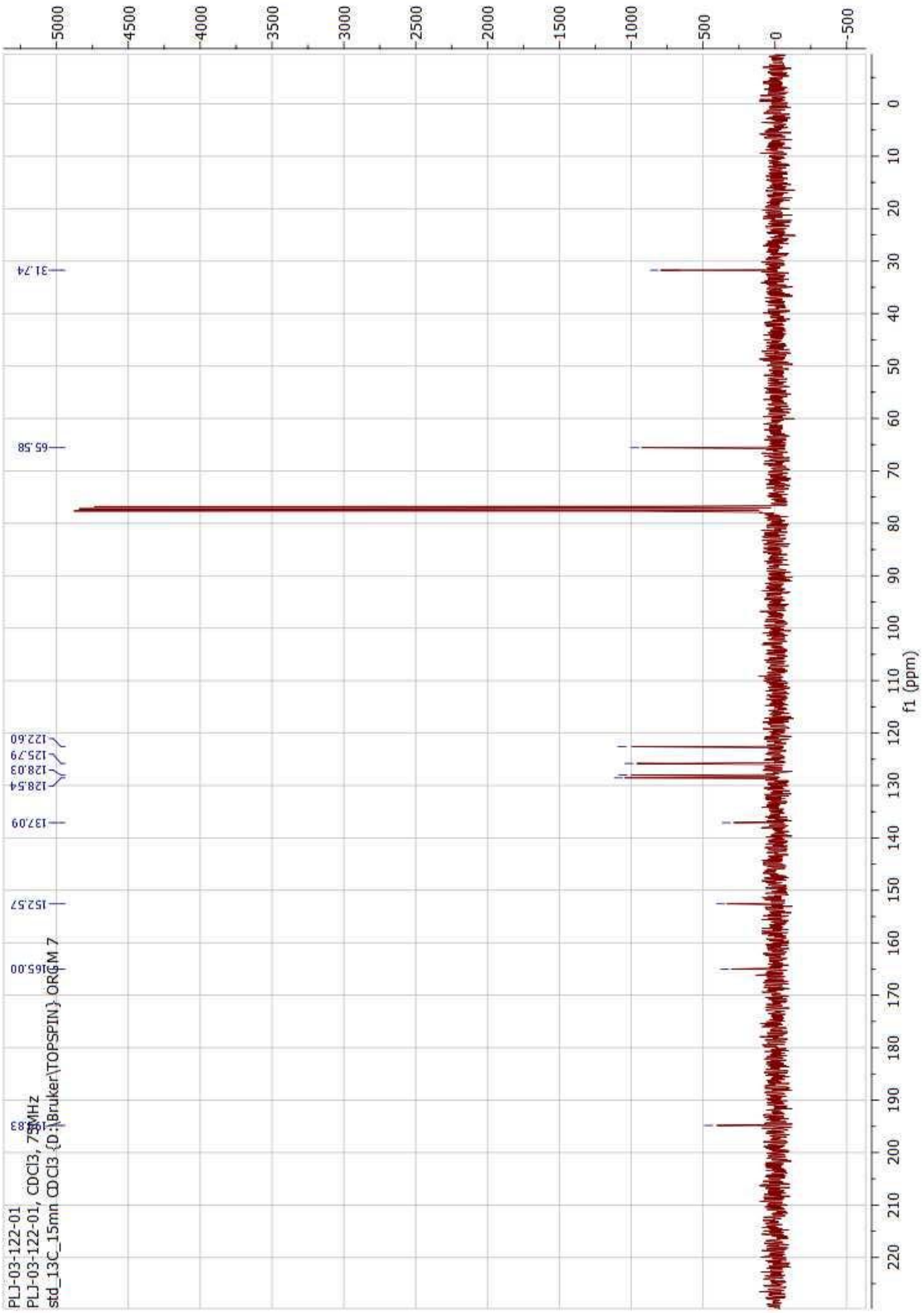

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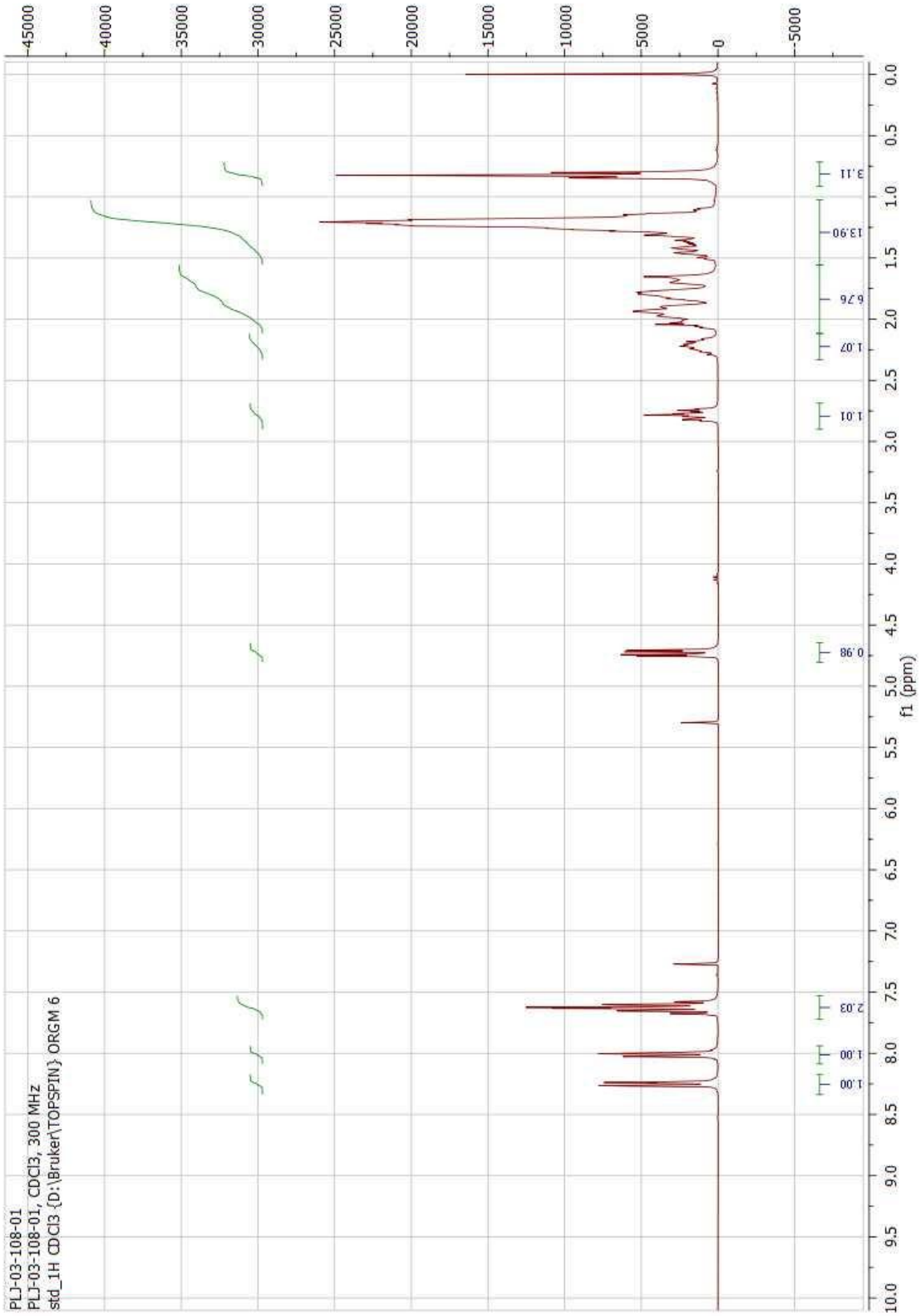

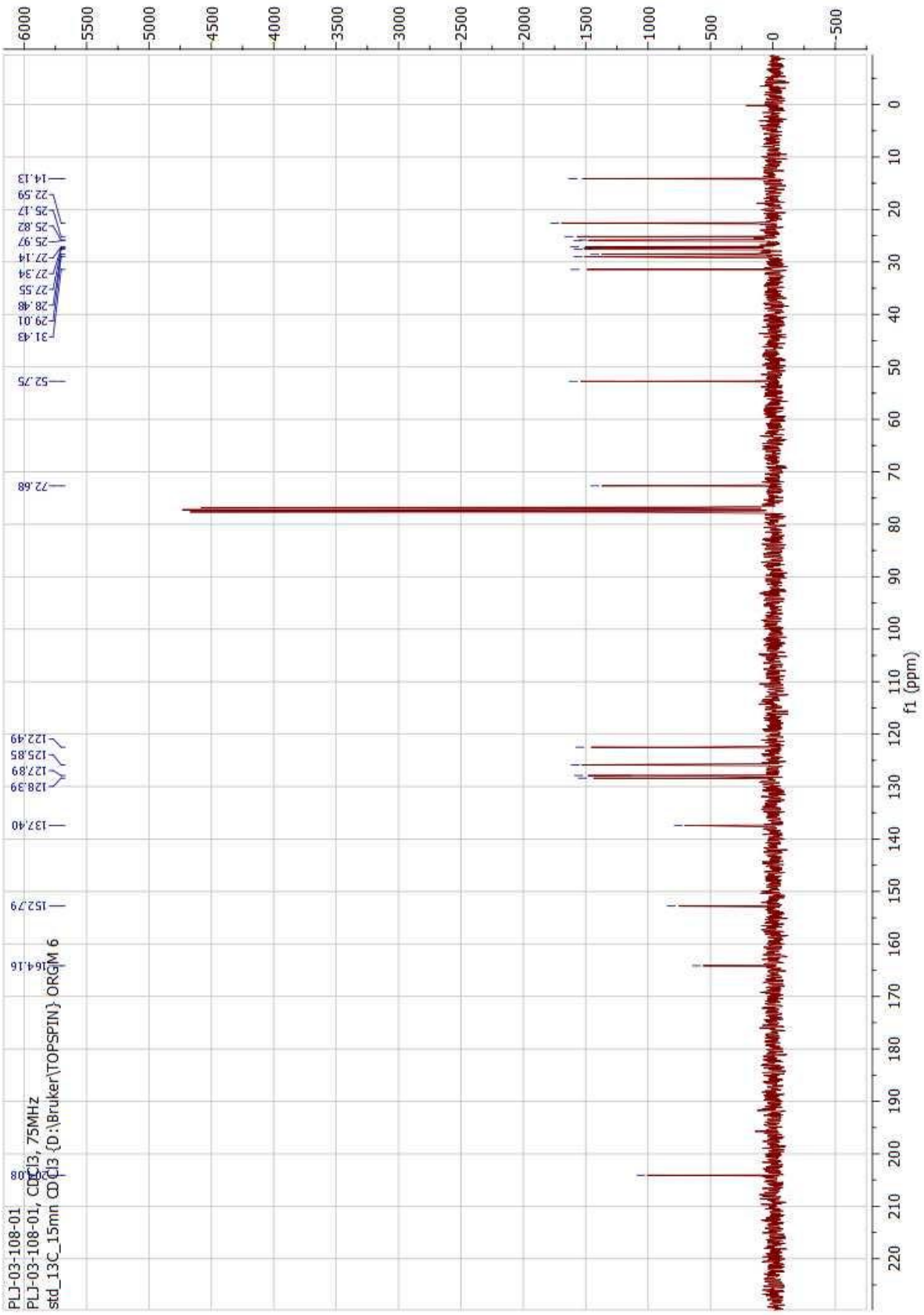

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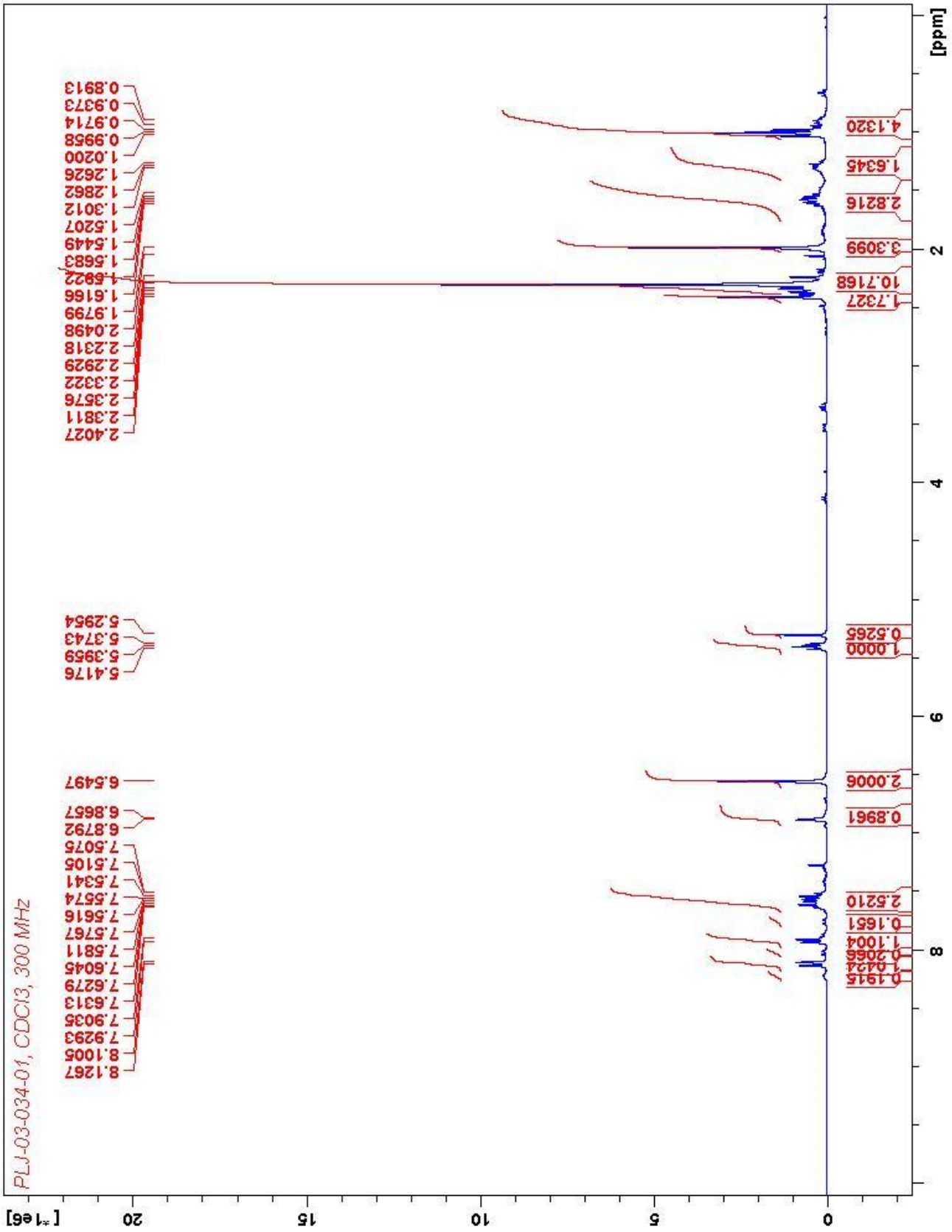
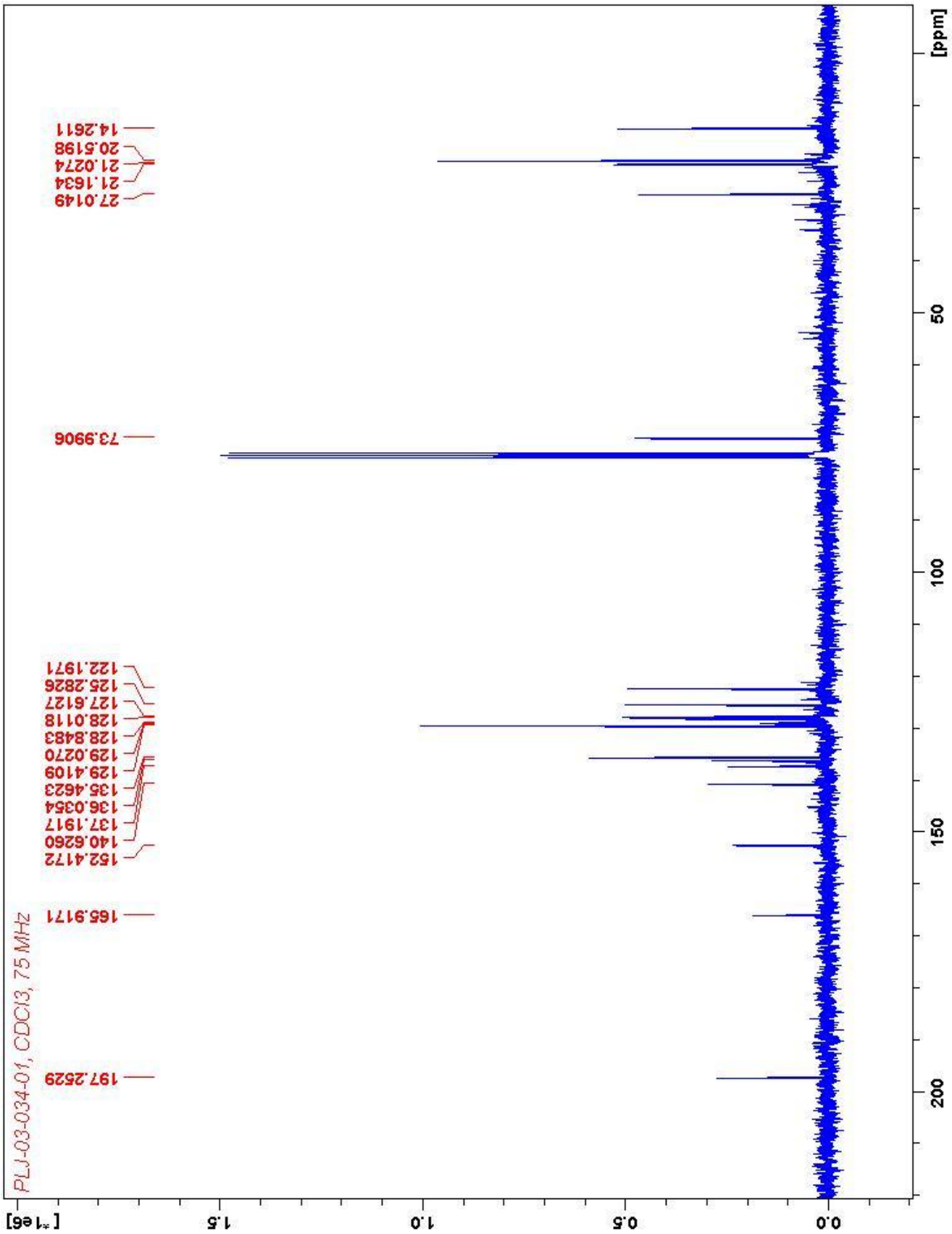
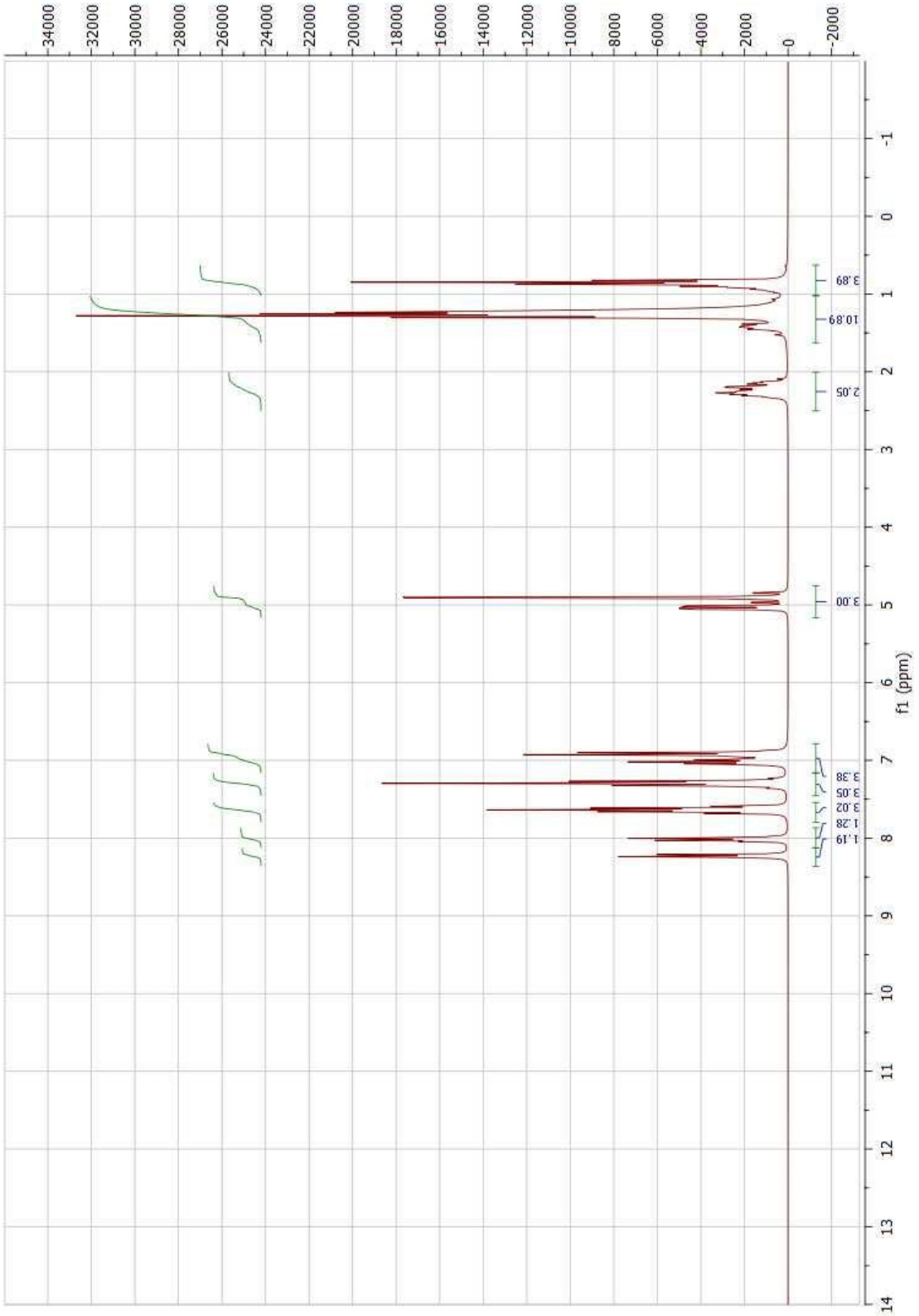
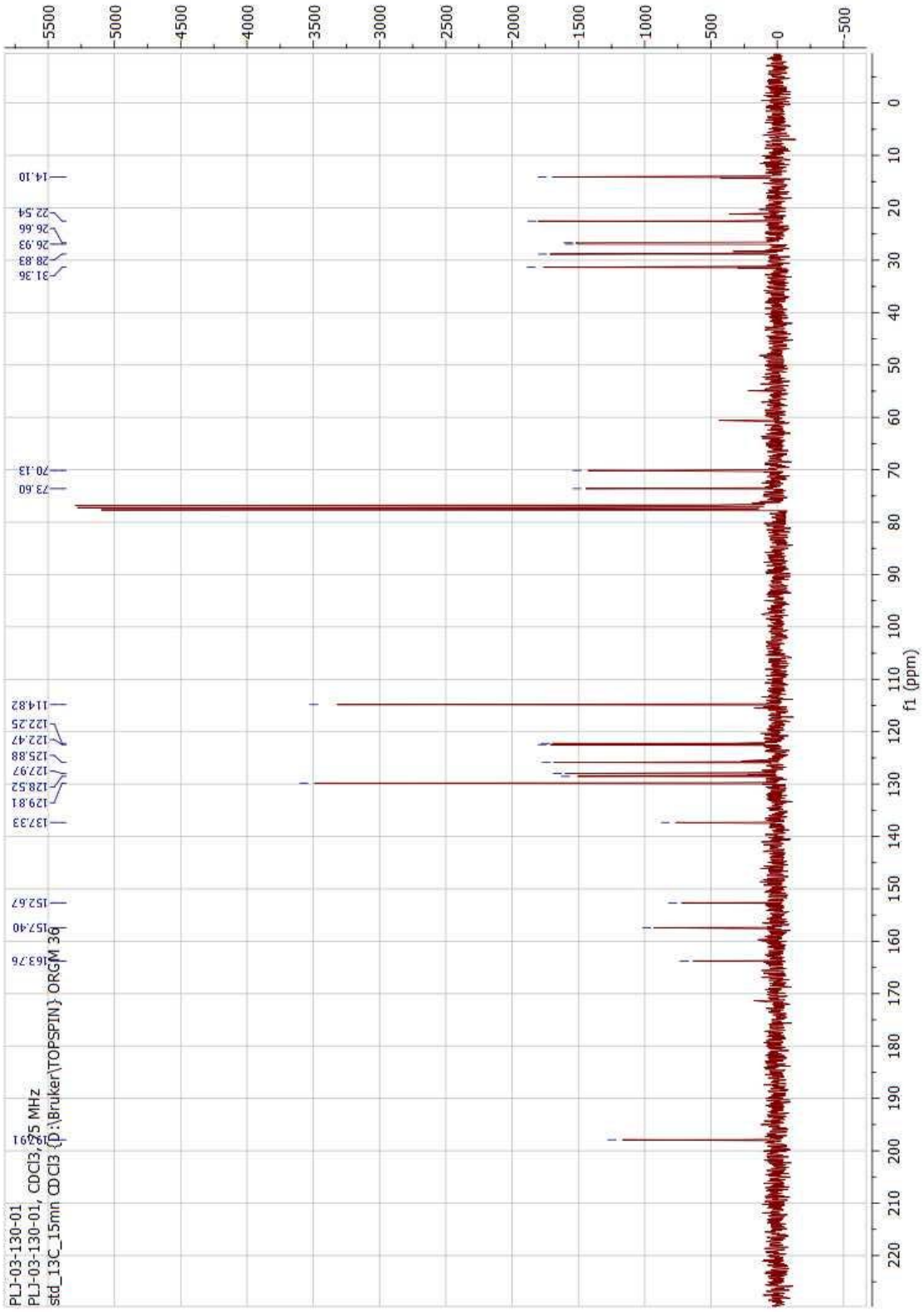




1H and 13C-NMR of compound 4e





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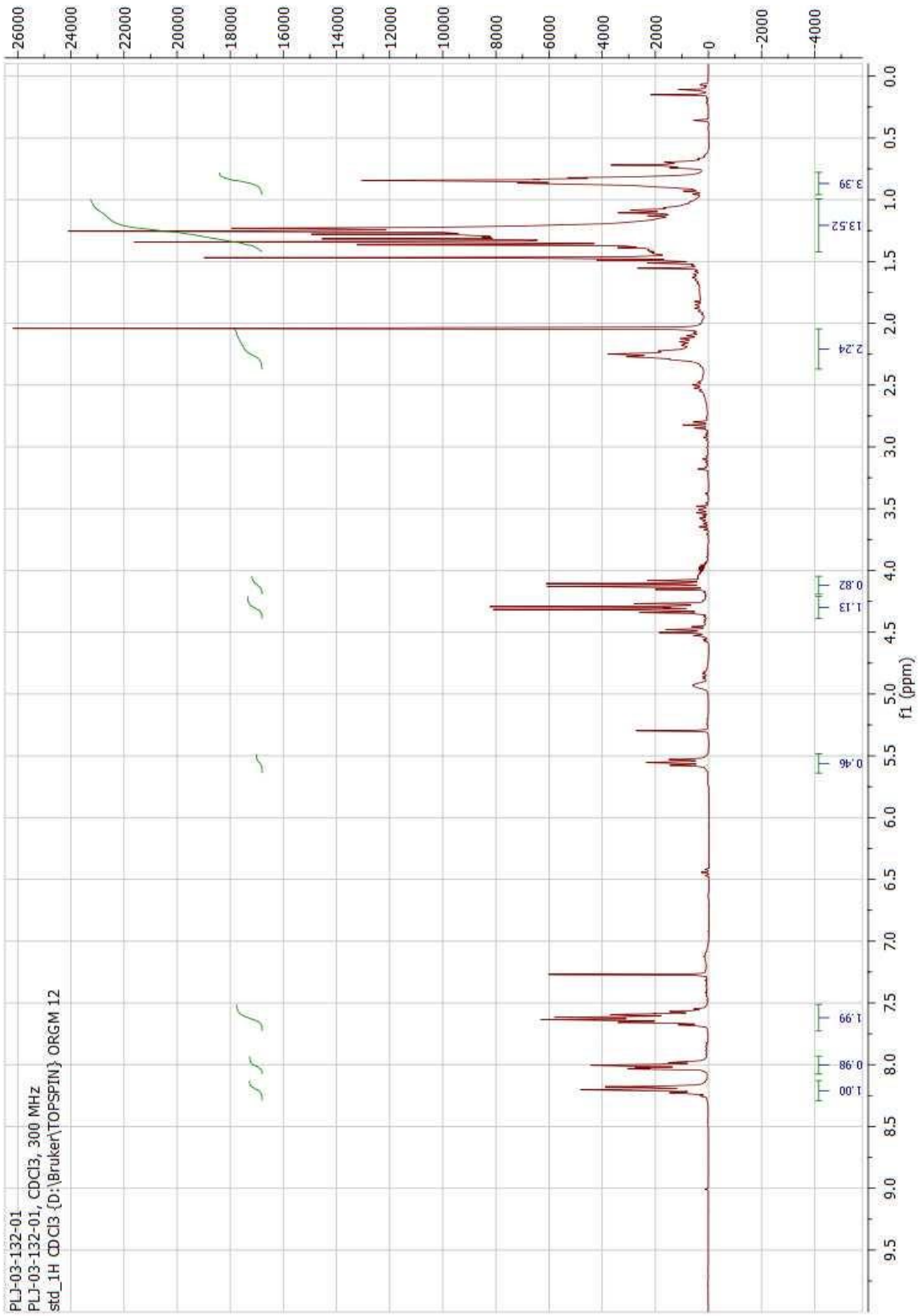

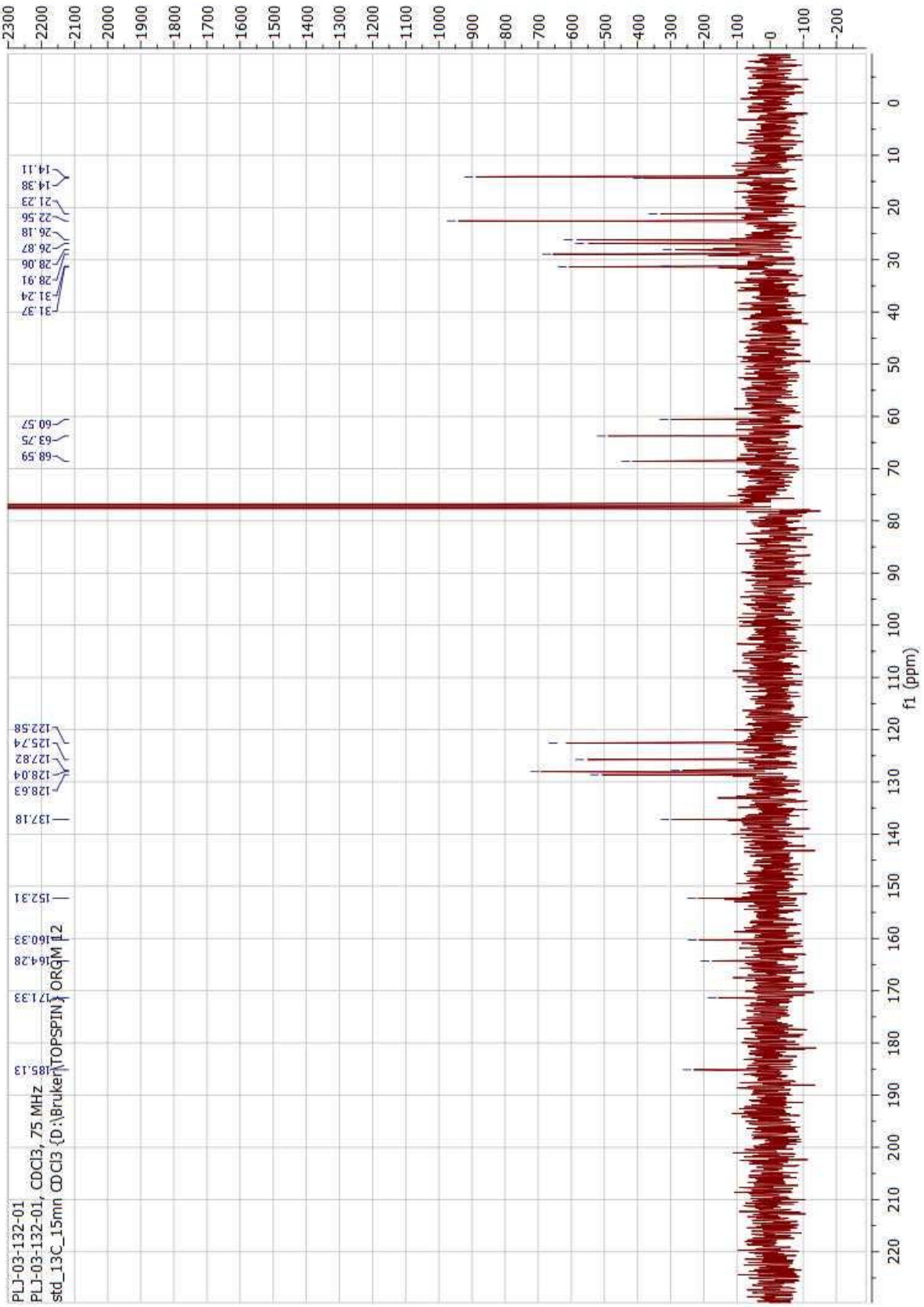

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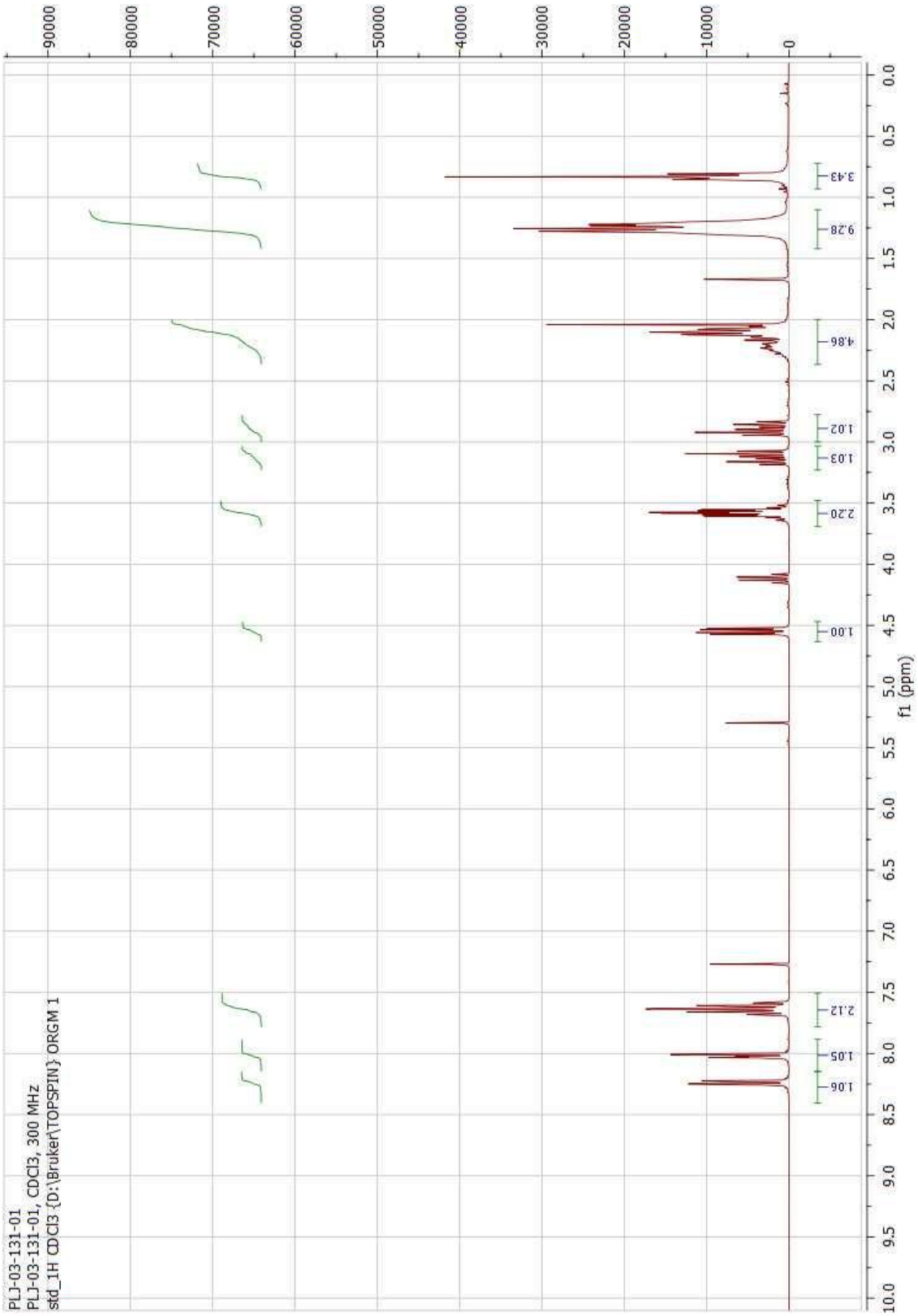
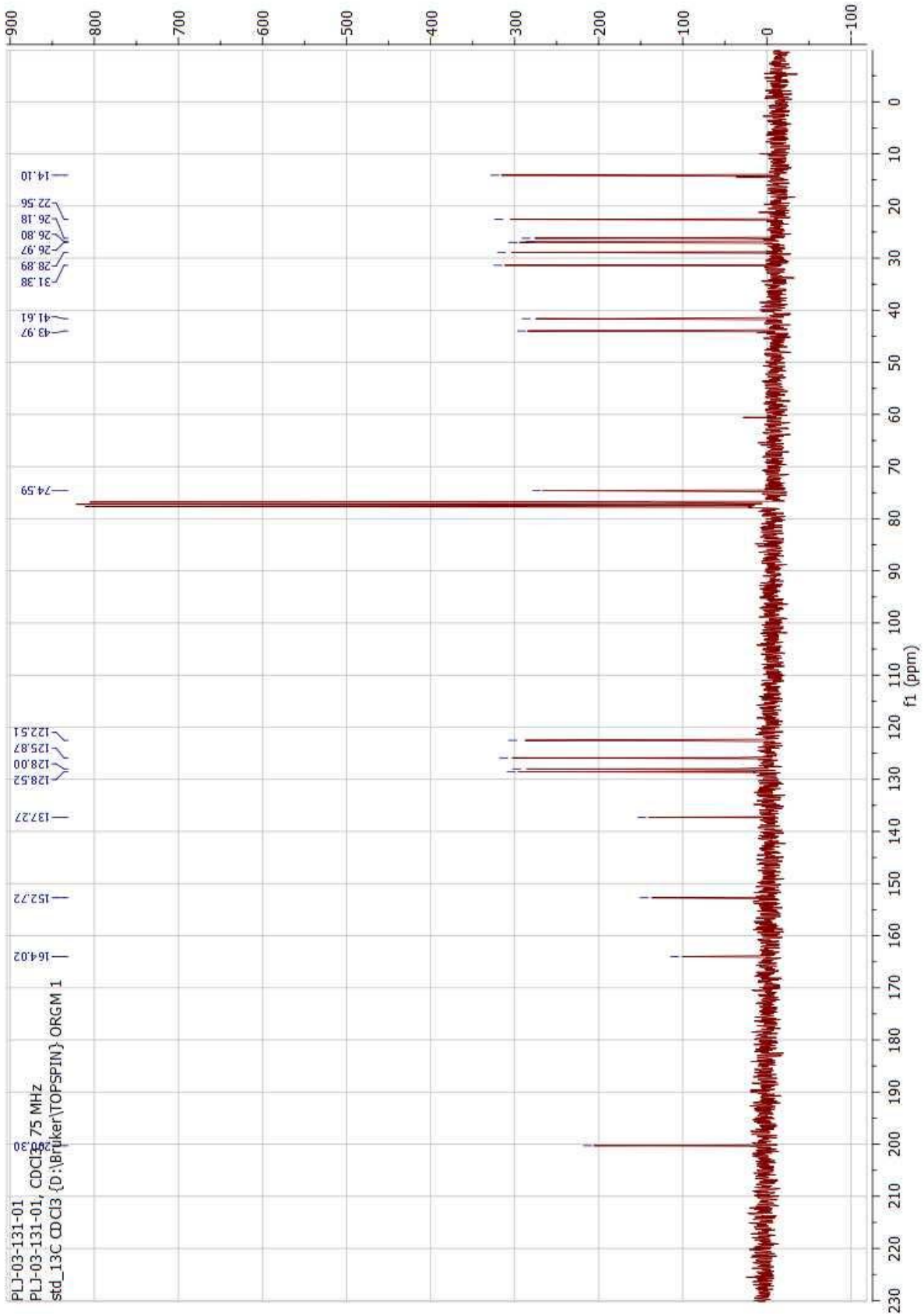
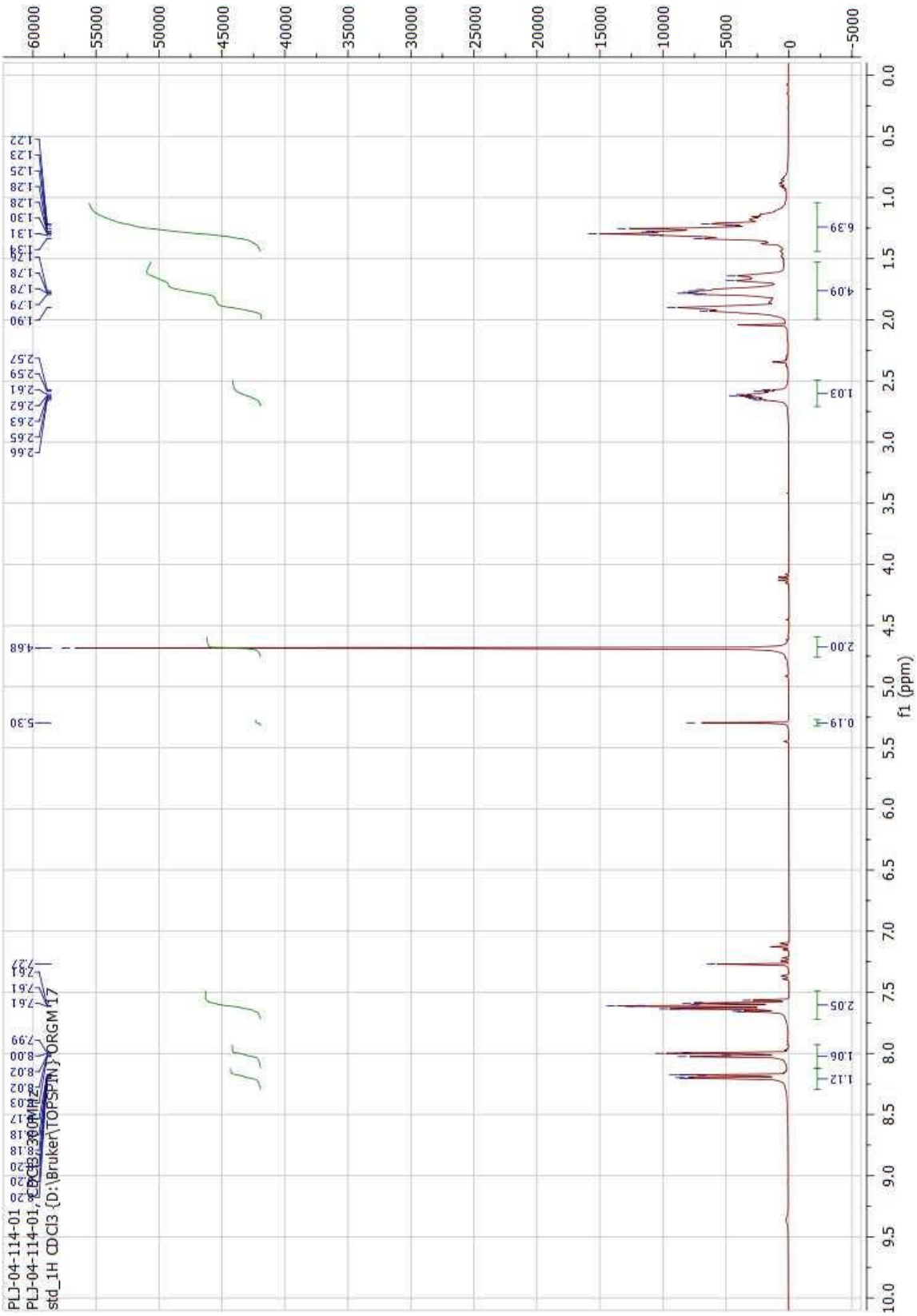
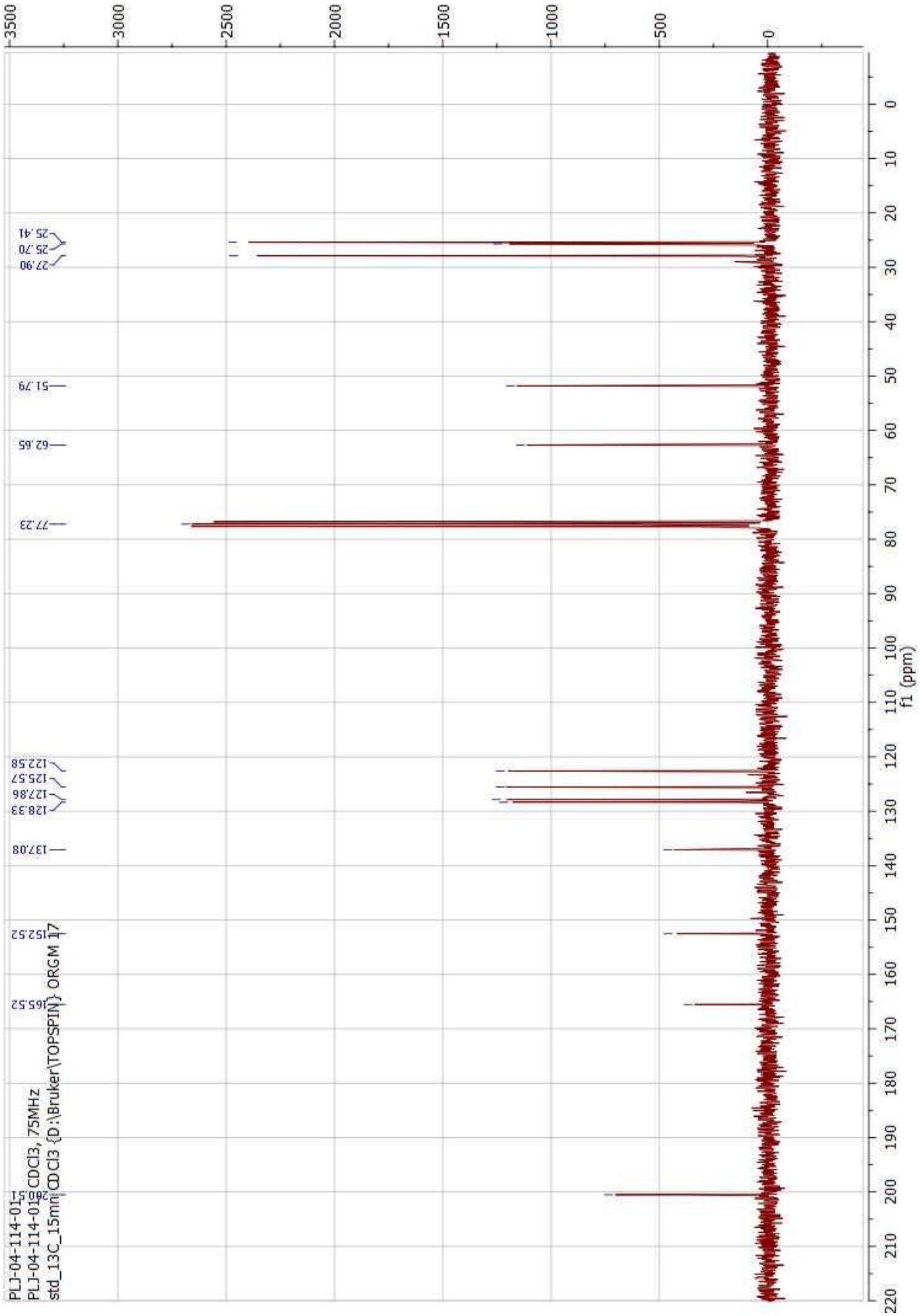



14.10
22.56
26.18
26.80
26.97
28.89
31.38
41.61
43.97
74.59
122.51
125.87
128.00
128.52
137.27
152.72
164.02
202.30
PLJ-03-131-01
PLJ-03-131-01, CDCl3, 75 MHz
std_13C CDCl3 {D:\Bruker\TOPSPIN} ORGM 1
f1 (ppm)

^{1}H and ^{13}C-NMR of compound 4h

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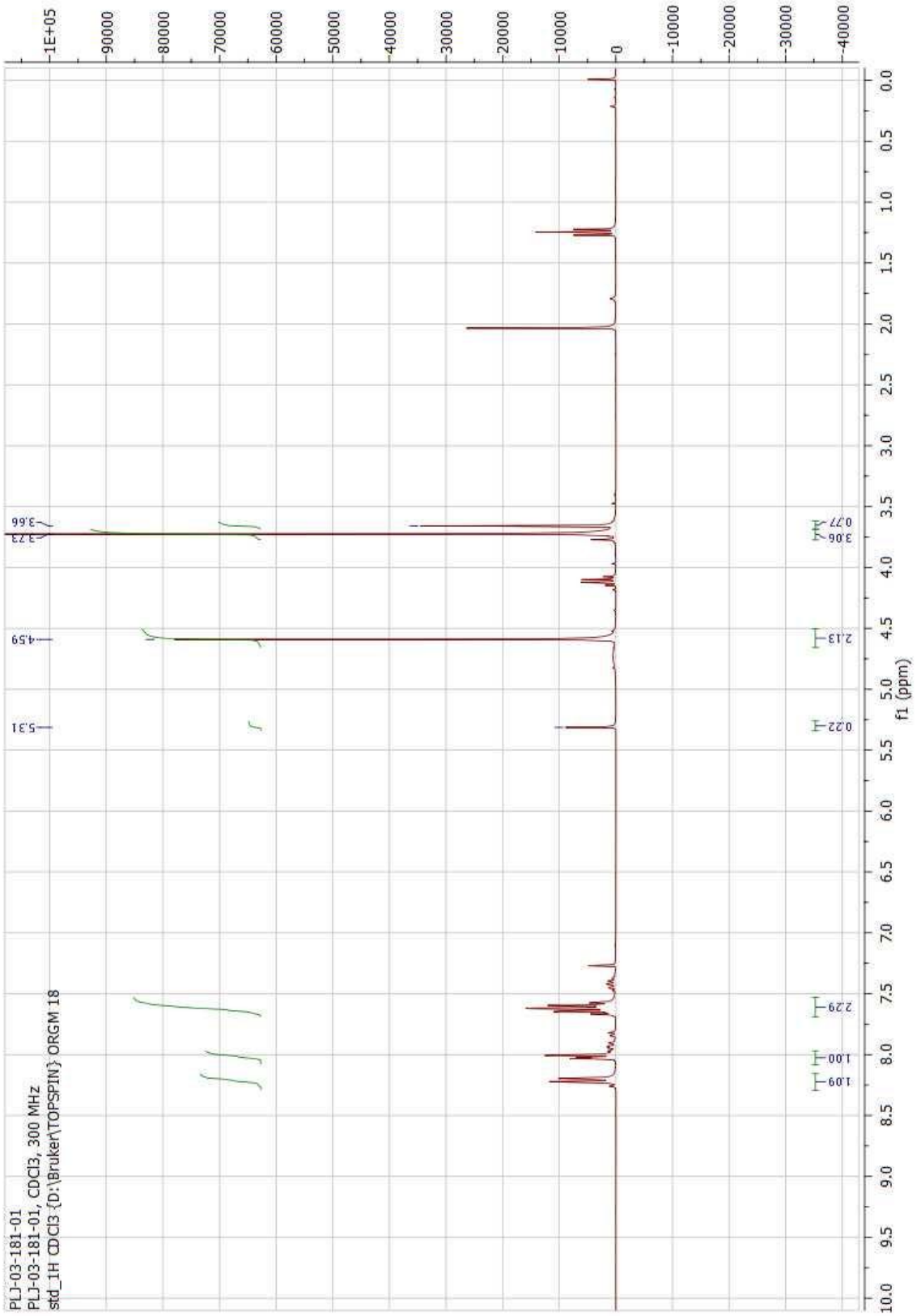
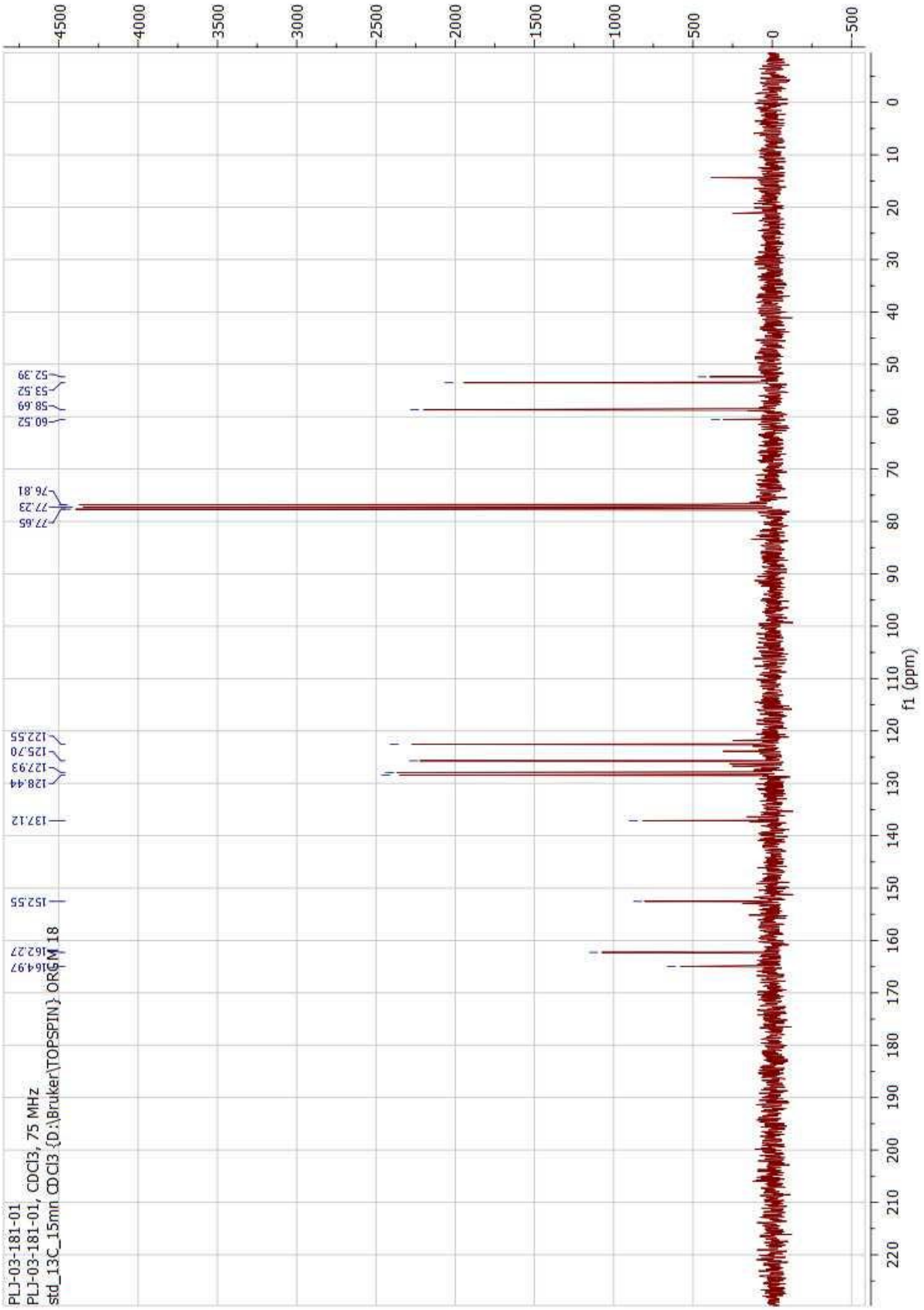
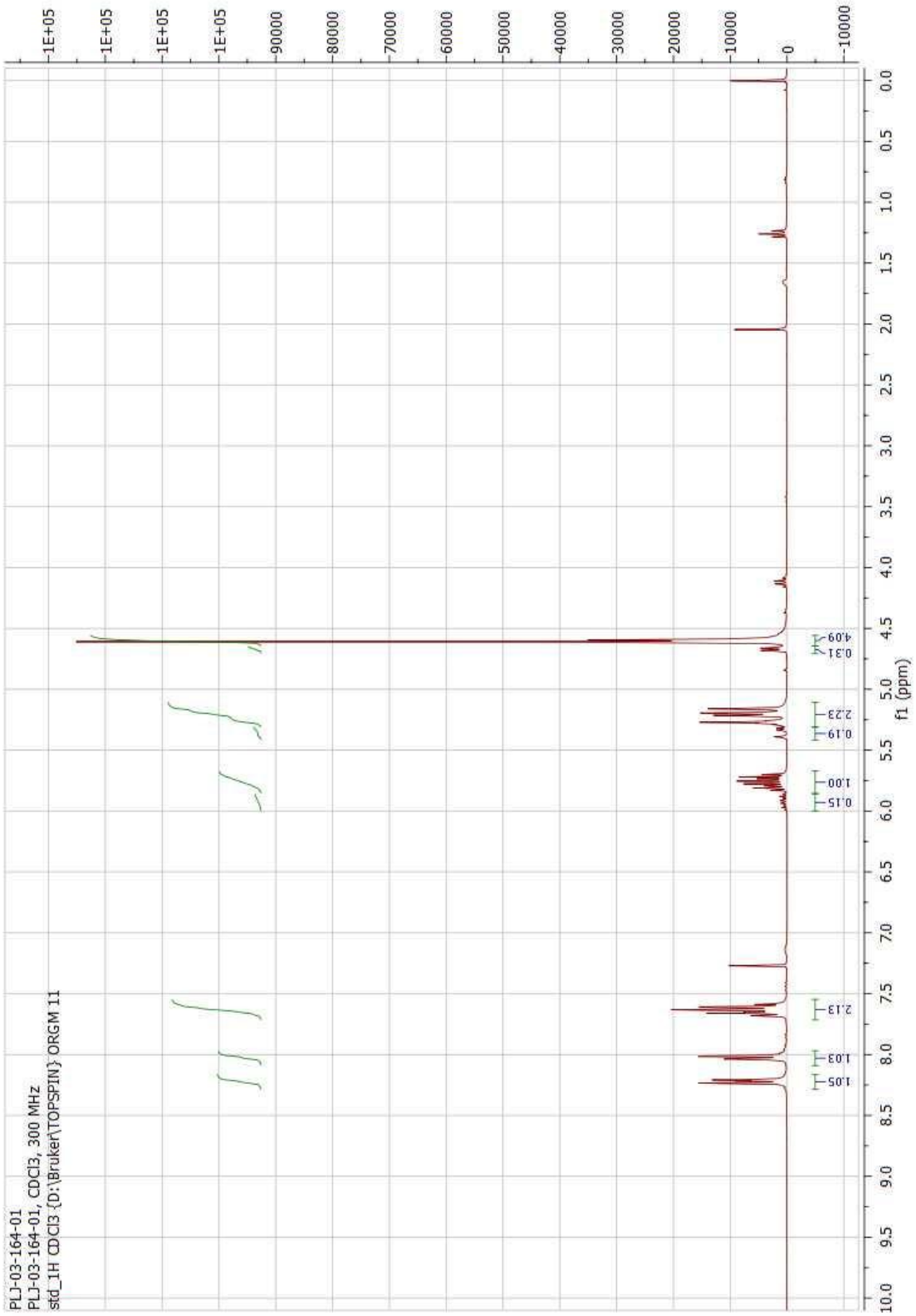
PLJ-04-114-01pa2
std_13C_15mm CDCl3, 75MHz
CDCl3 {D:\Bruker\TOPSPIN} ORGM 17
f1 (ppm)
25.41
25.70
27.90
51.79
62.65
77.23
122.58
125.57
127.86
128.33
137.08
152.52
165.52

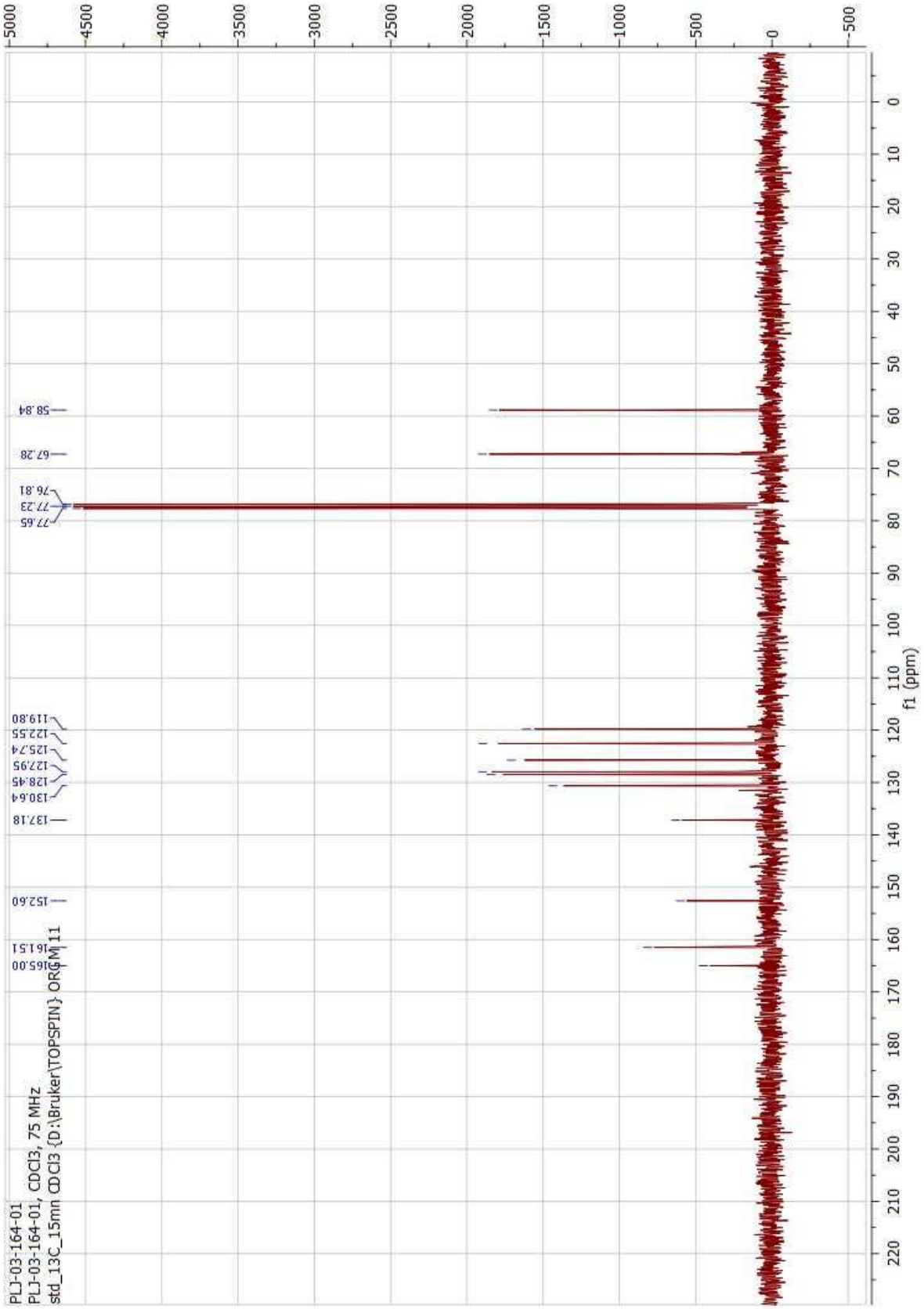
^{1}H and ^{13}C-NMR of compound 11a



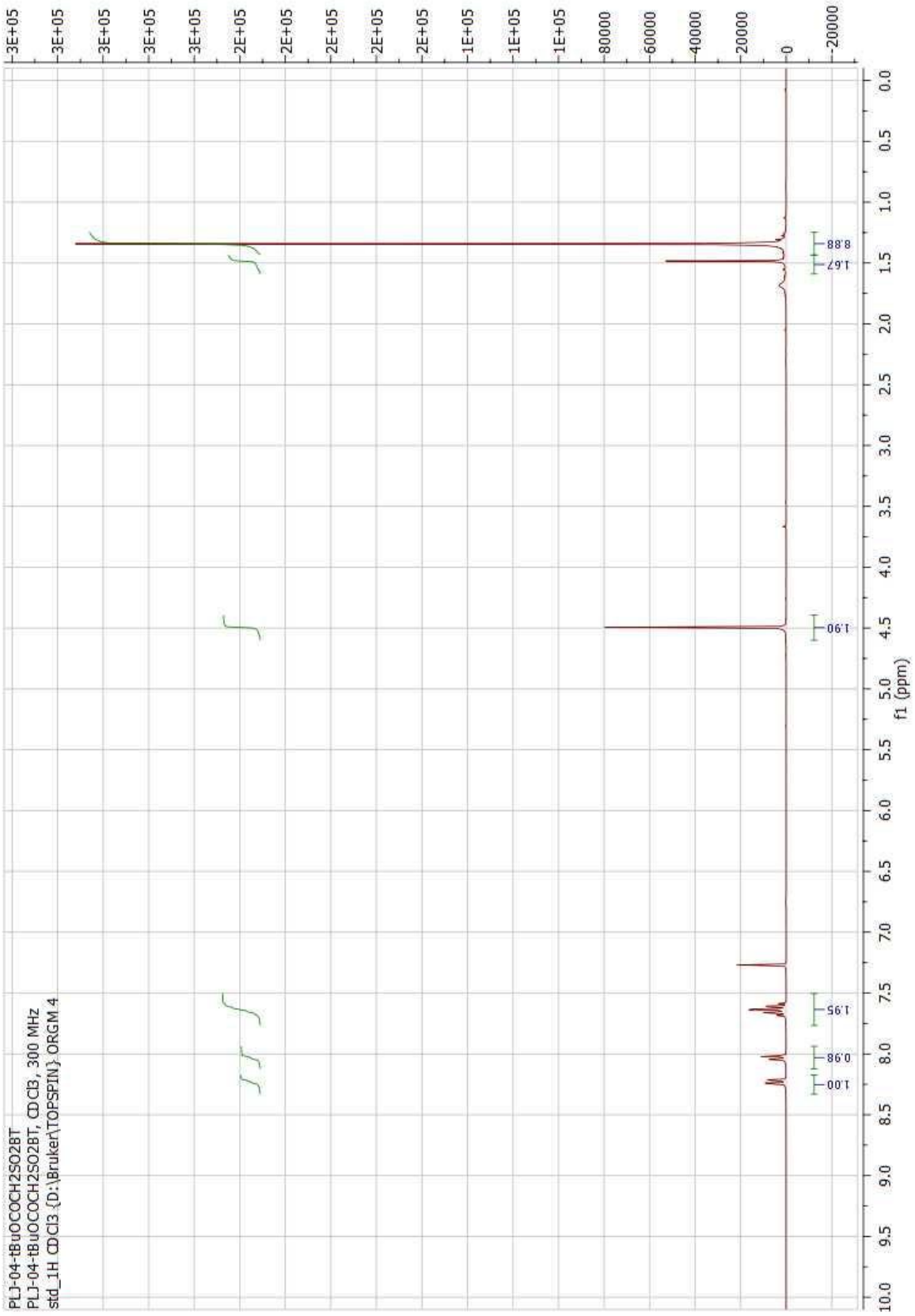


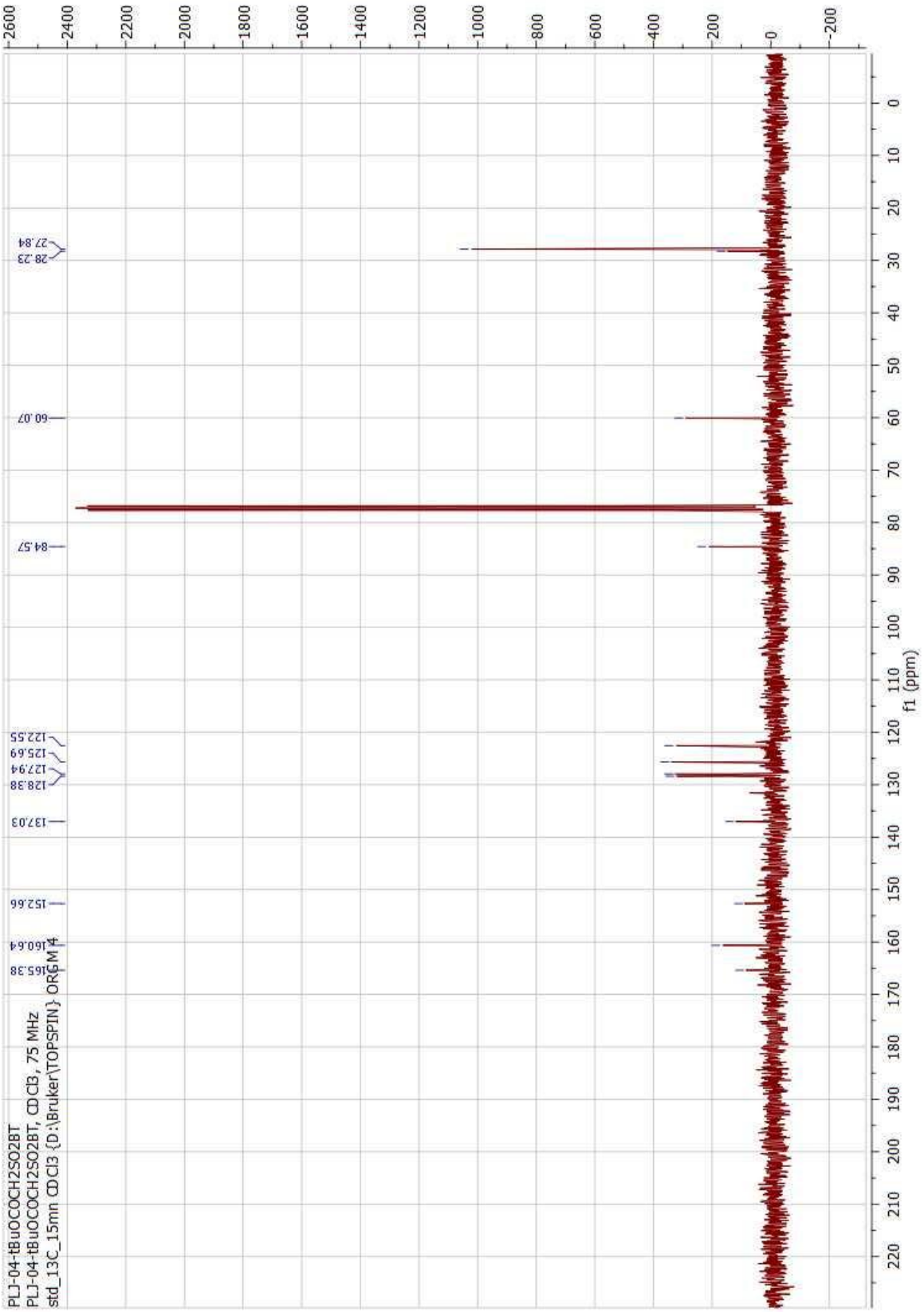
^{1}H and ^{13}C-NMR of compound 11b



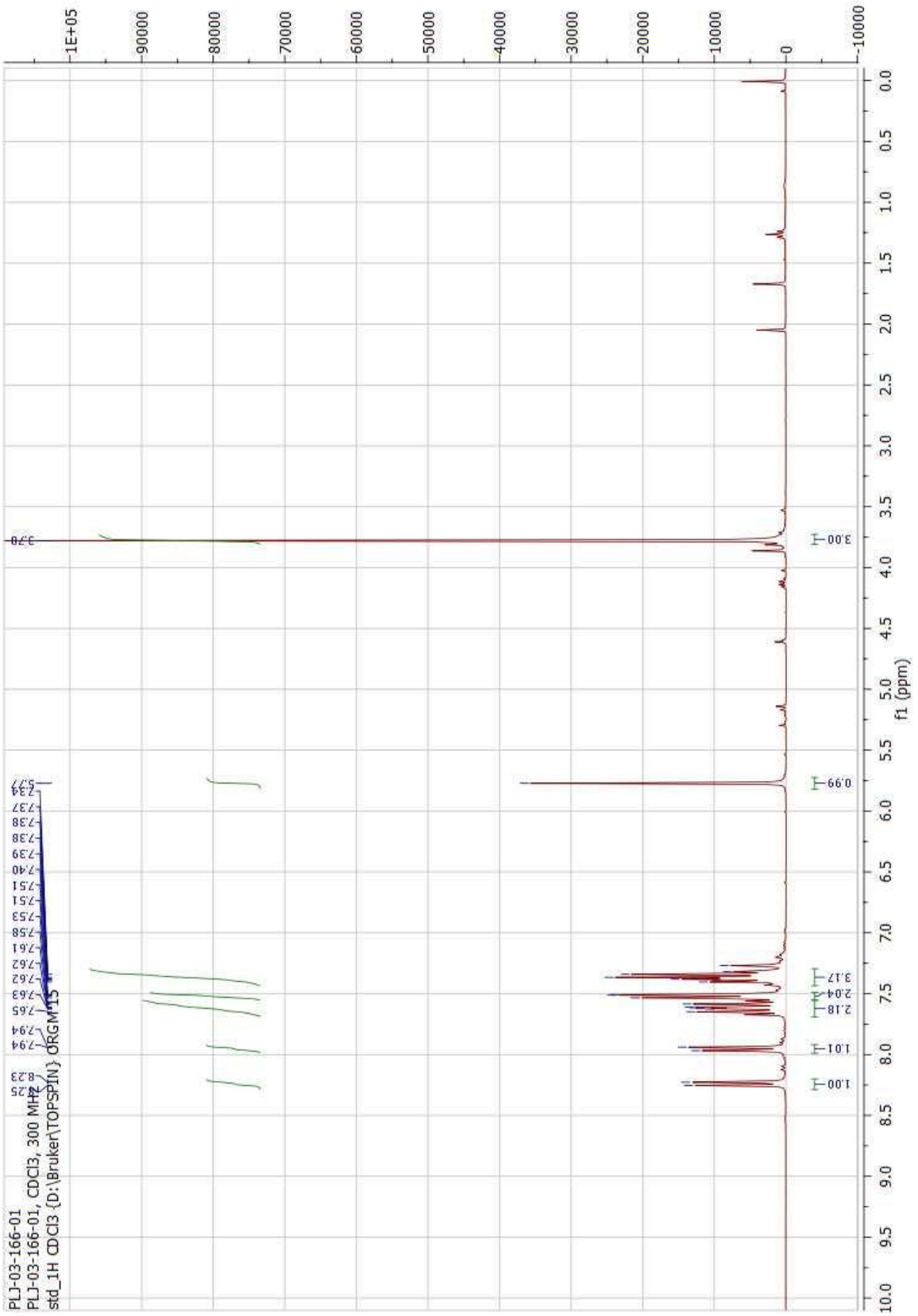


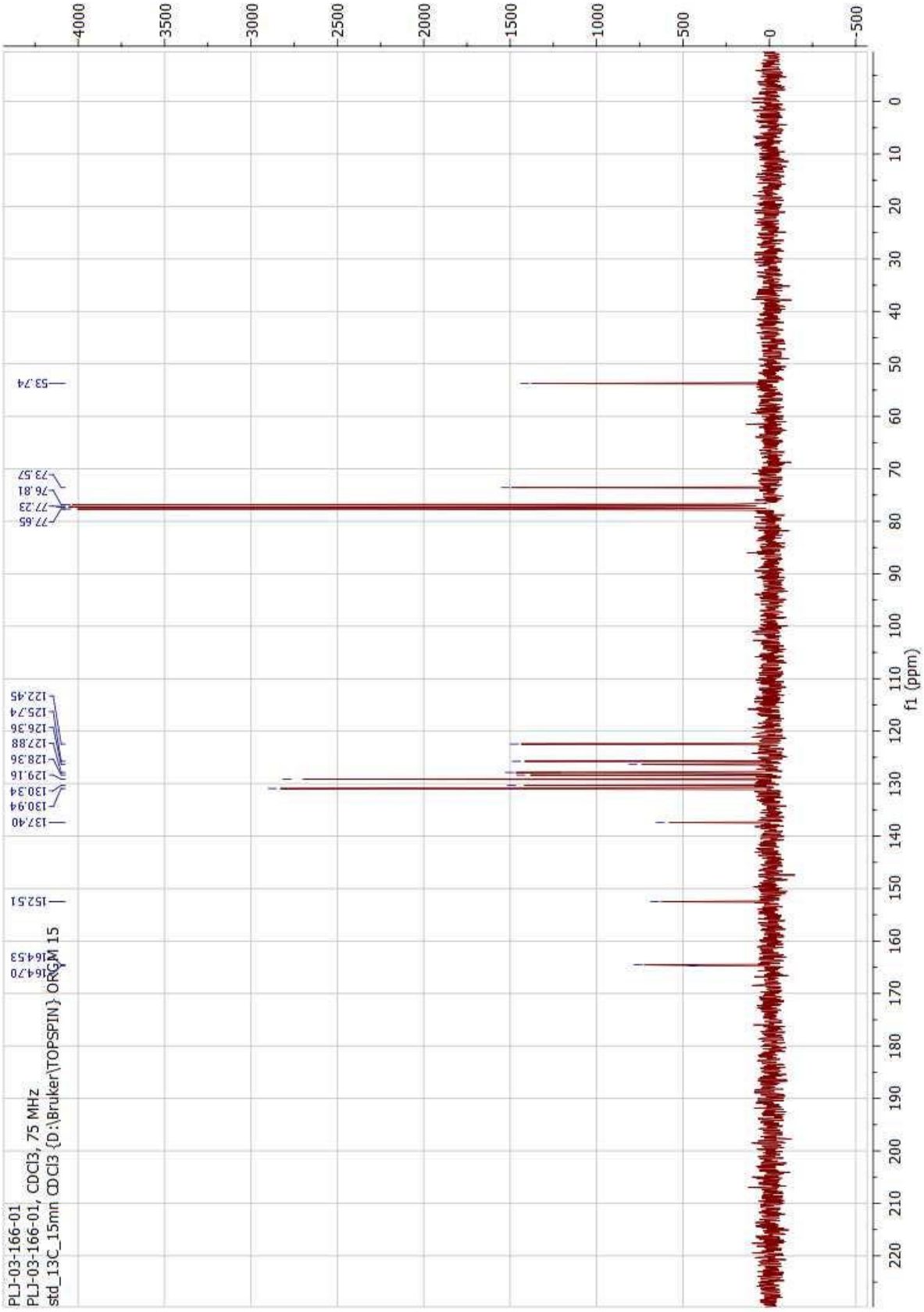
^{1}H and ^{13}C-NMR of compound 11c



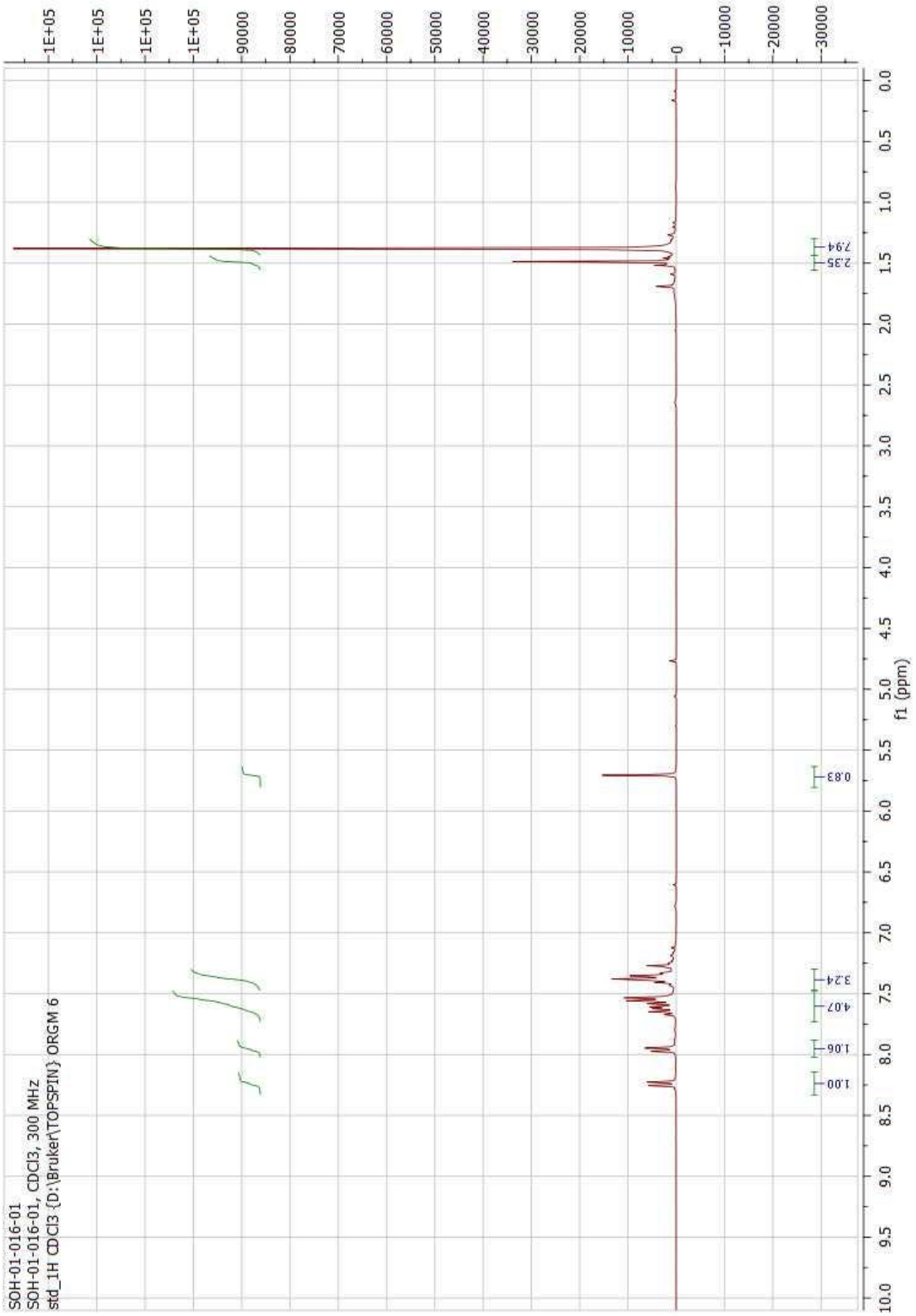


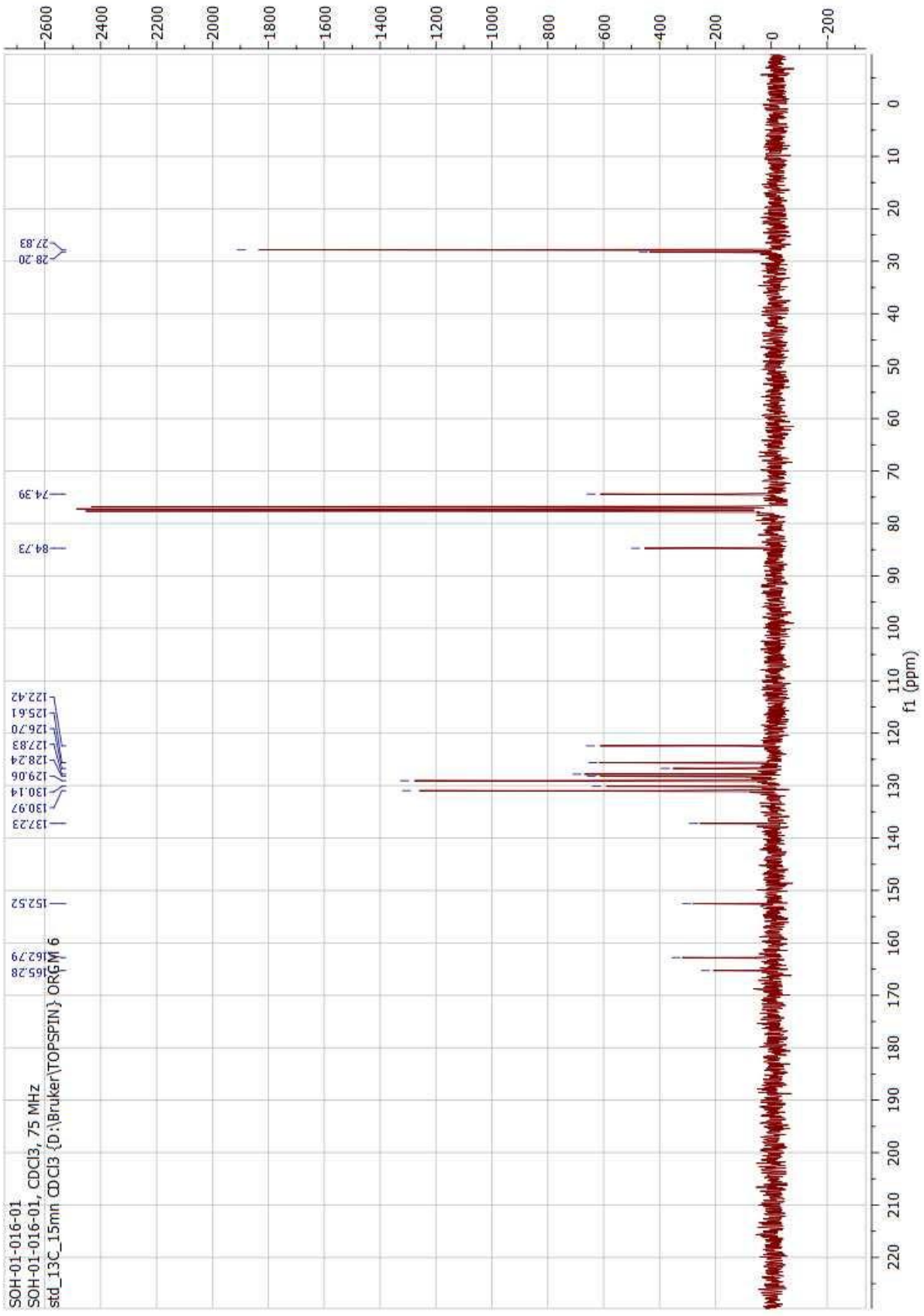
^{1}H and ^{13}C-NMR of compound 11d





^{1}H and ^{13}C-NMR of compound 17e

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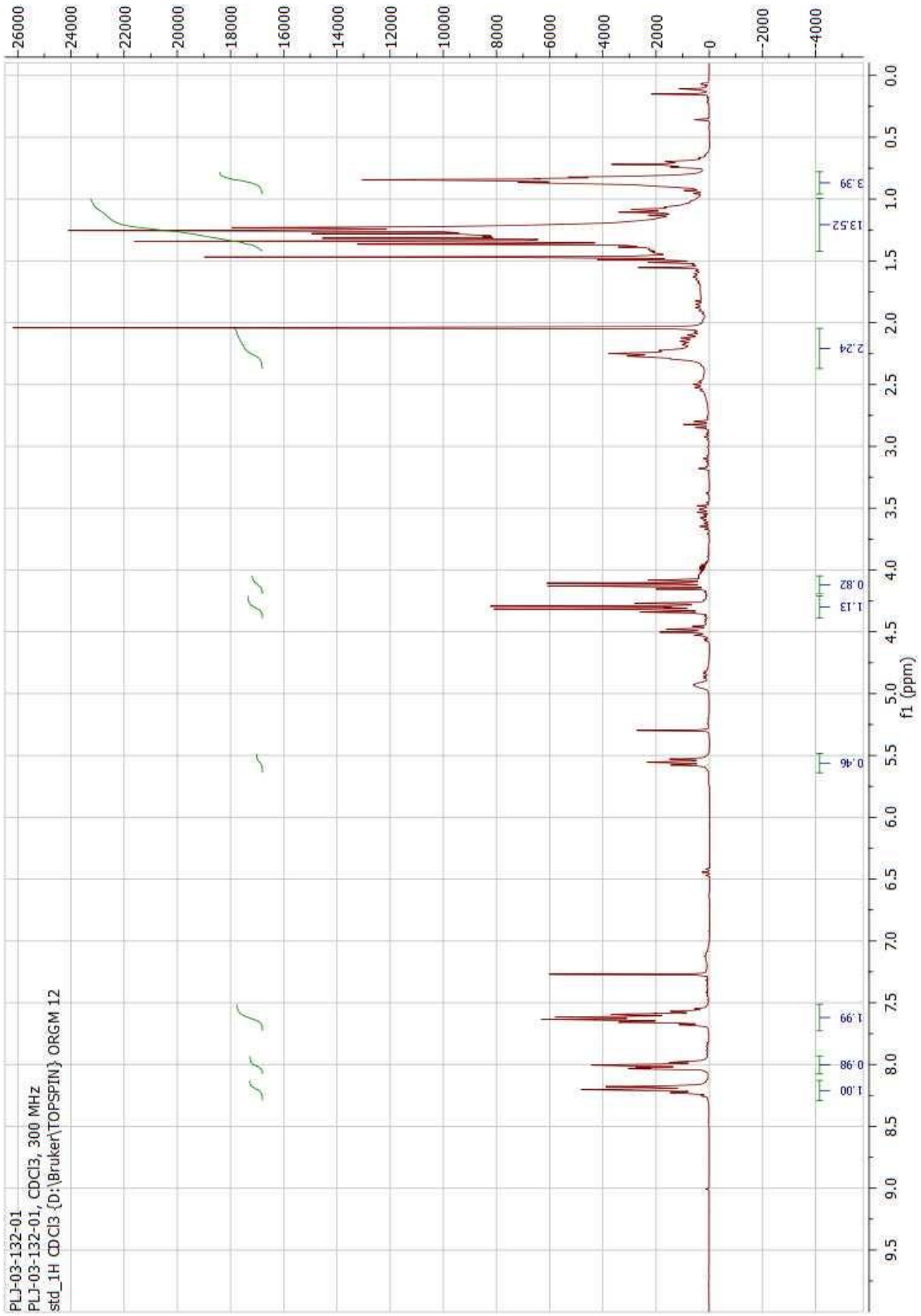
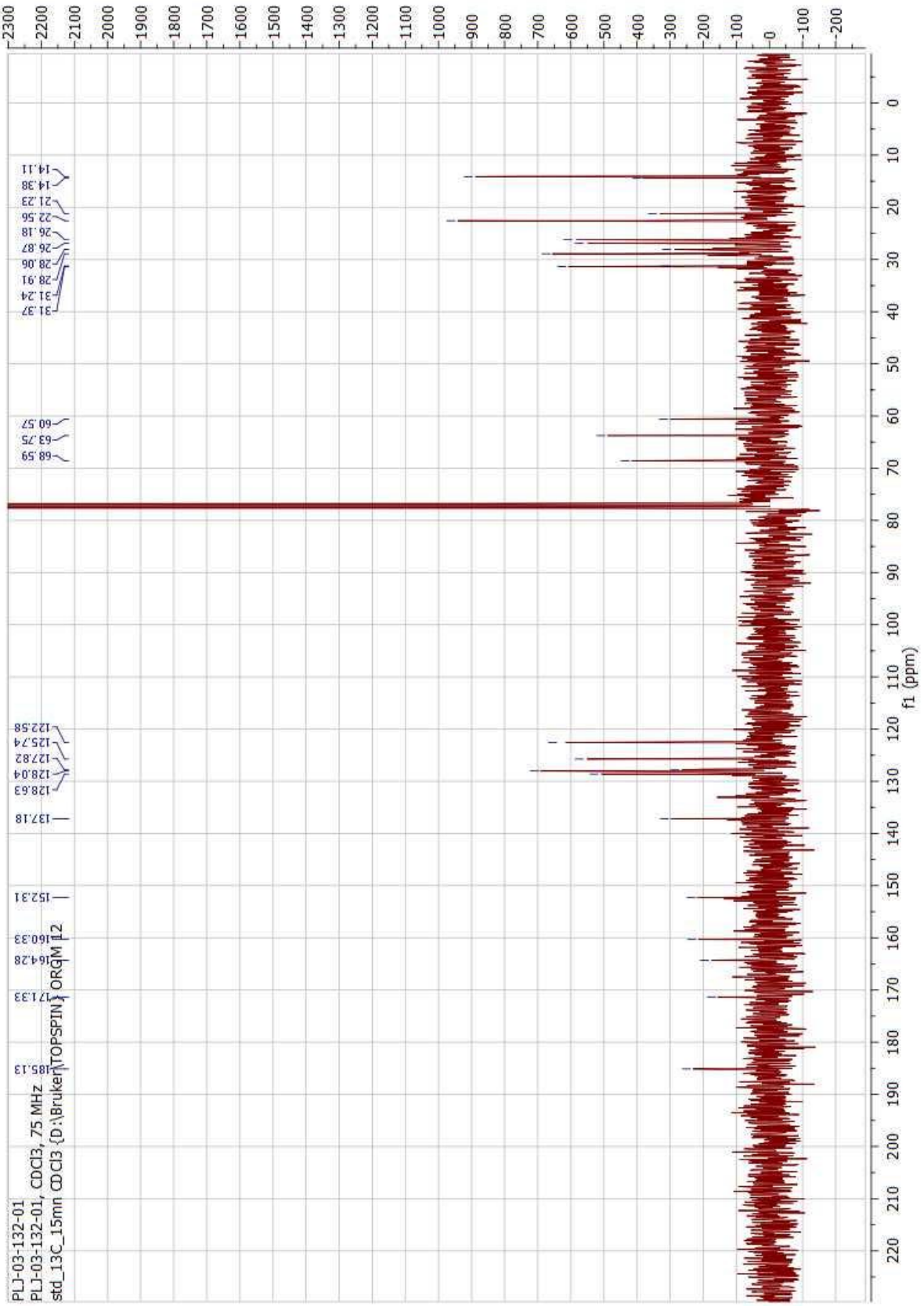
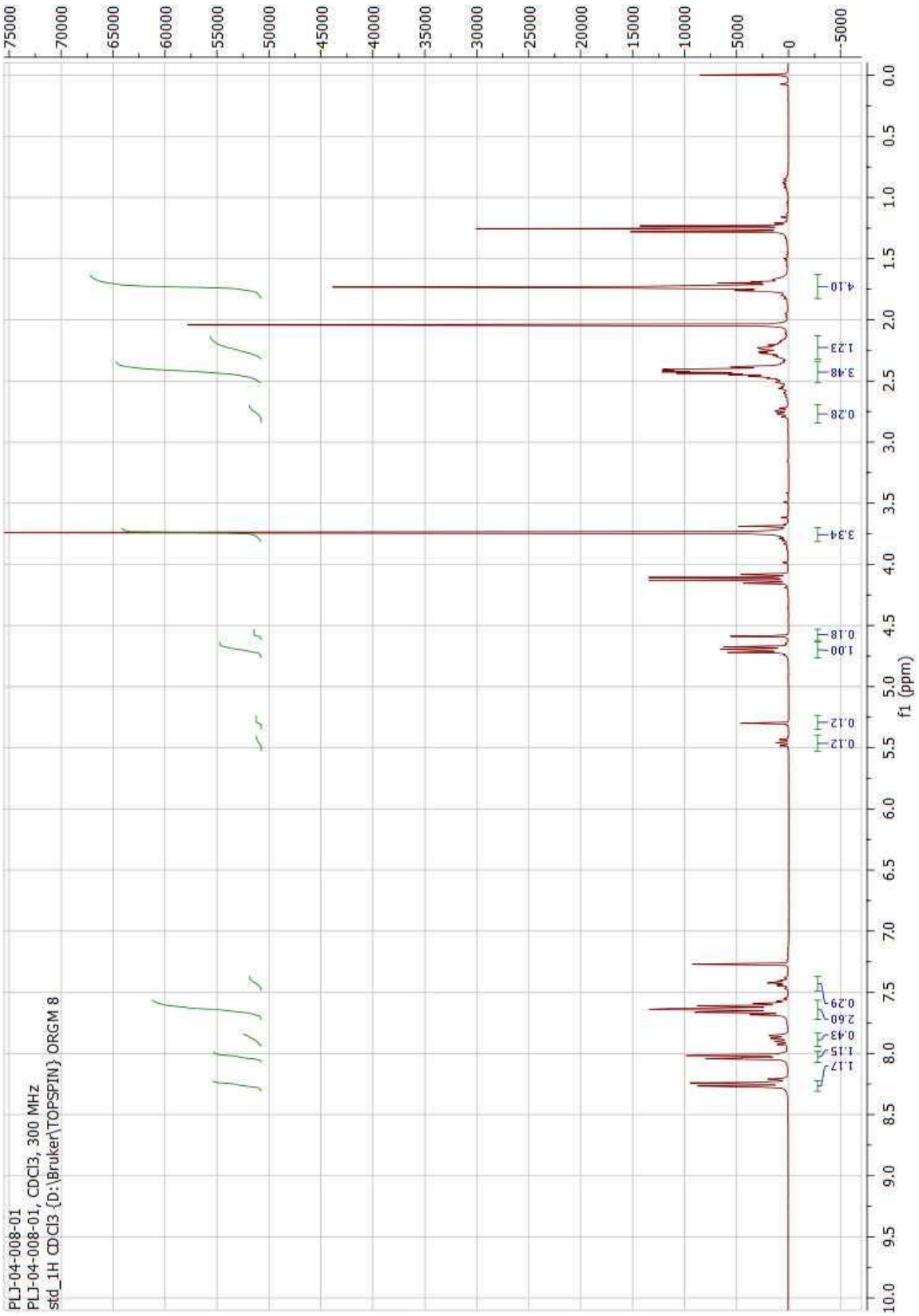
SOH-01-016-01, CDCl3, 75 MHz
std_13C_15mn CDCl3 {D:\Bruker\TOPSPIN} ORGM 6
165.28
162.79
152.52
137.23
130.97
130.14
129.06
128.24
127.83
126.70
125.61
122.42
84.73
74.39
28.20
27.83
f1 (ppm)

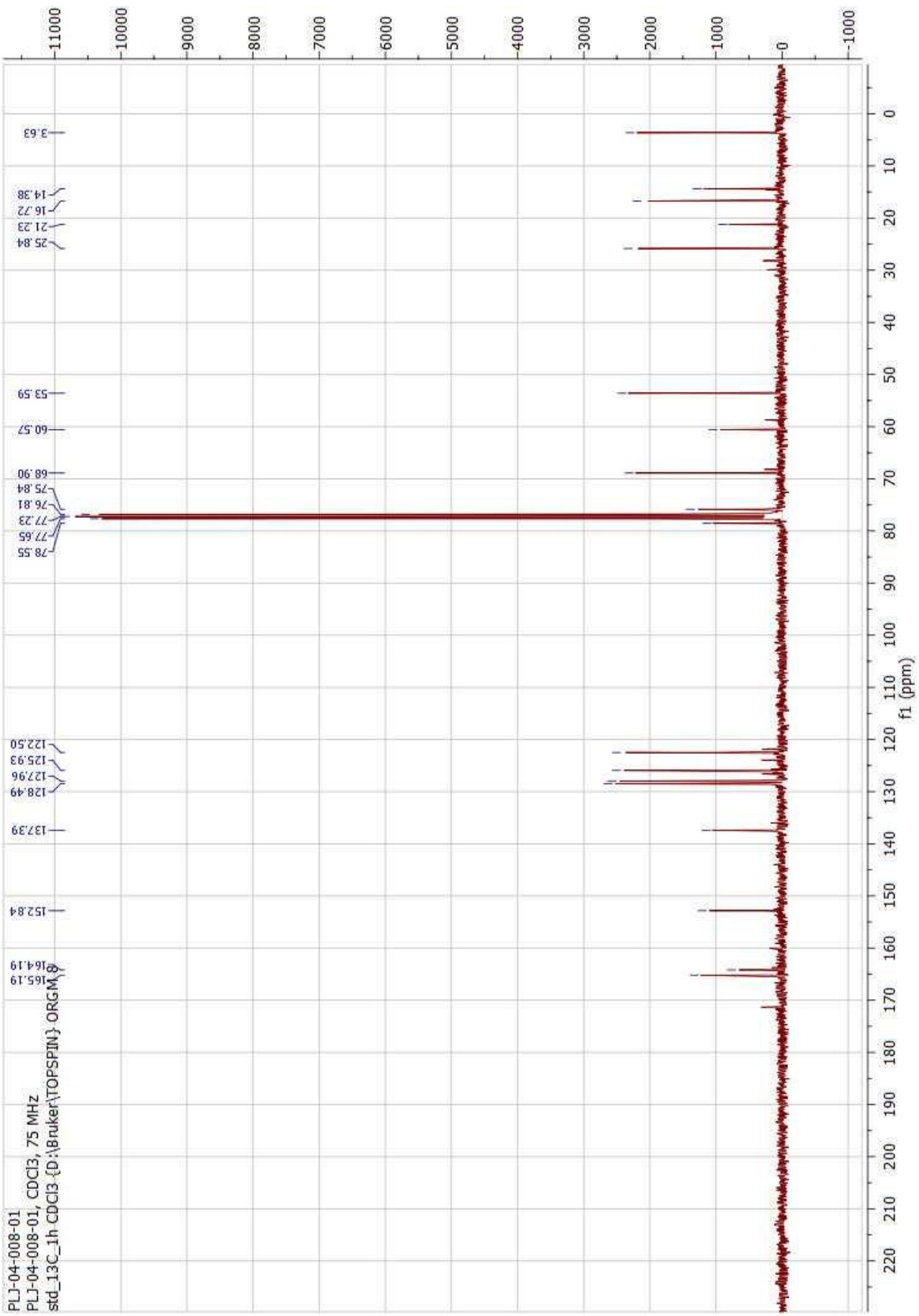
^{1}H and ^{13}C-NMR of compound 11f



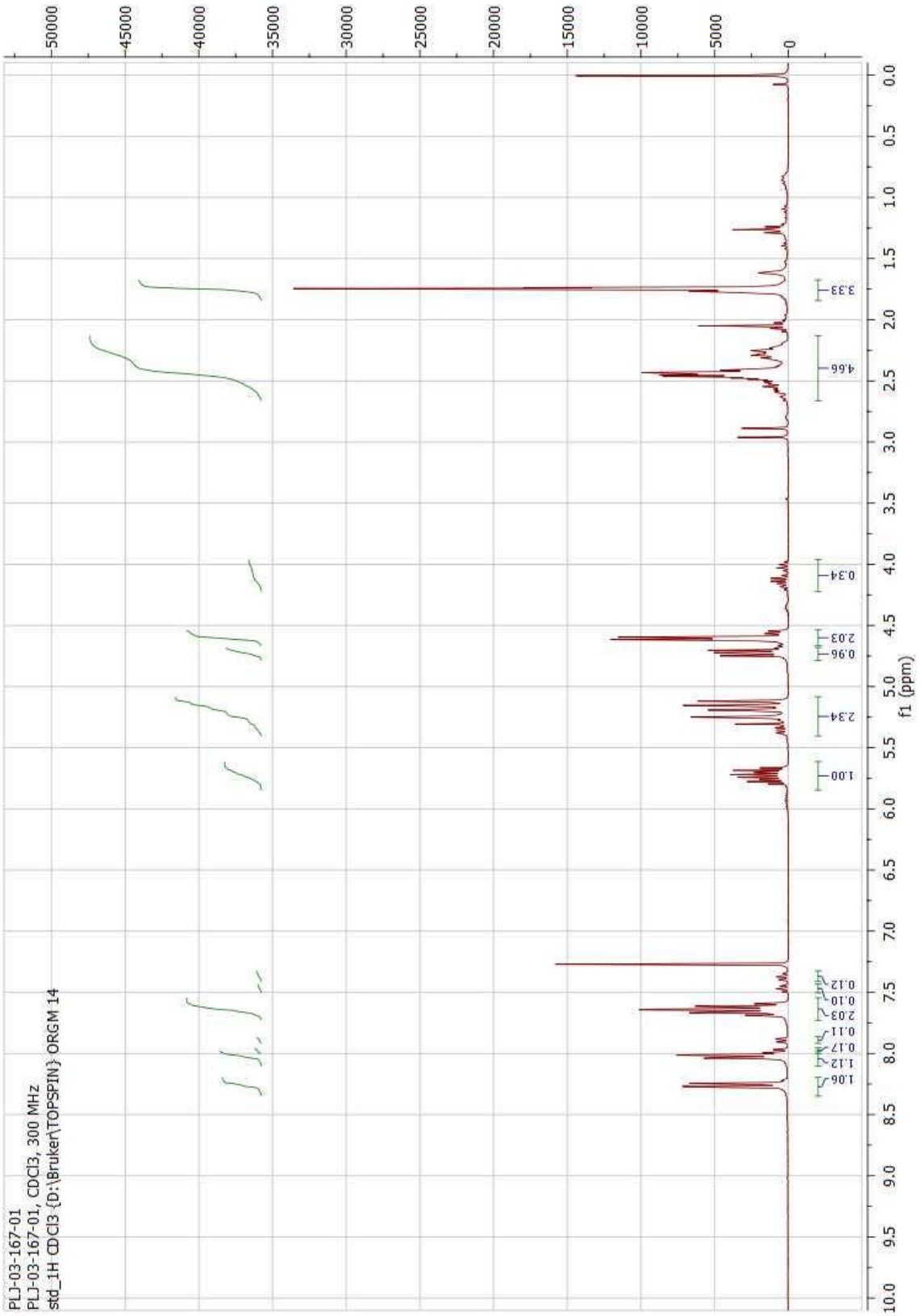


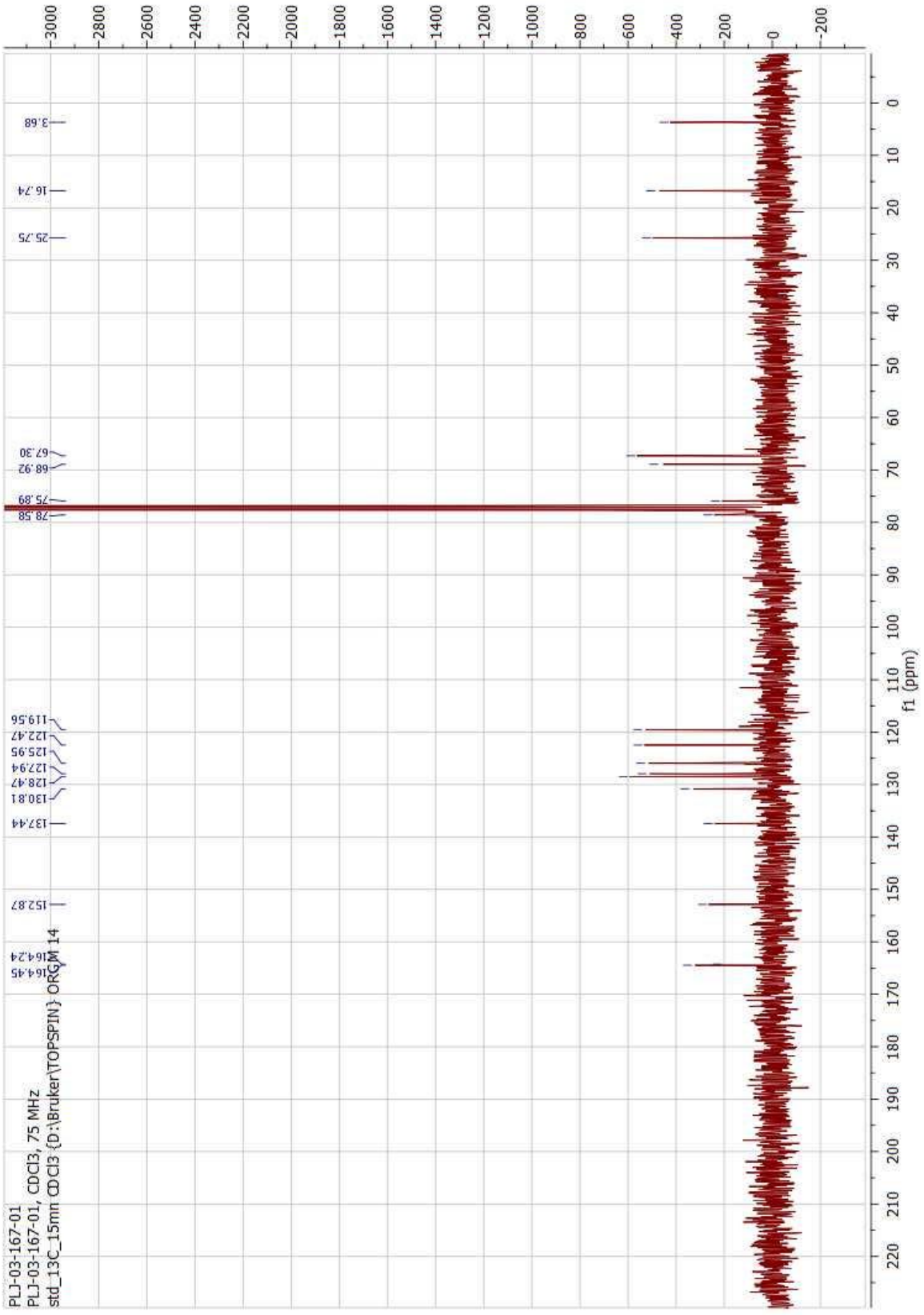
^{1}H and ^{13}C-NMR of compound 17g



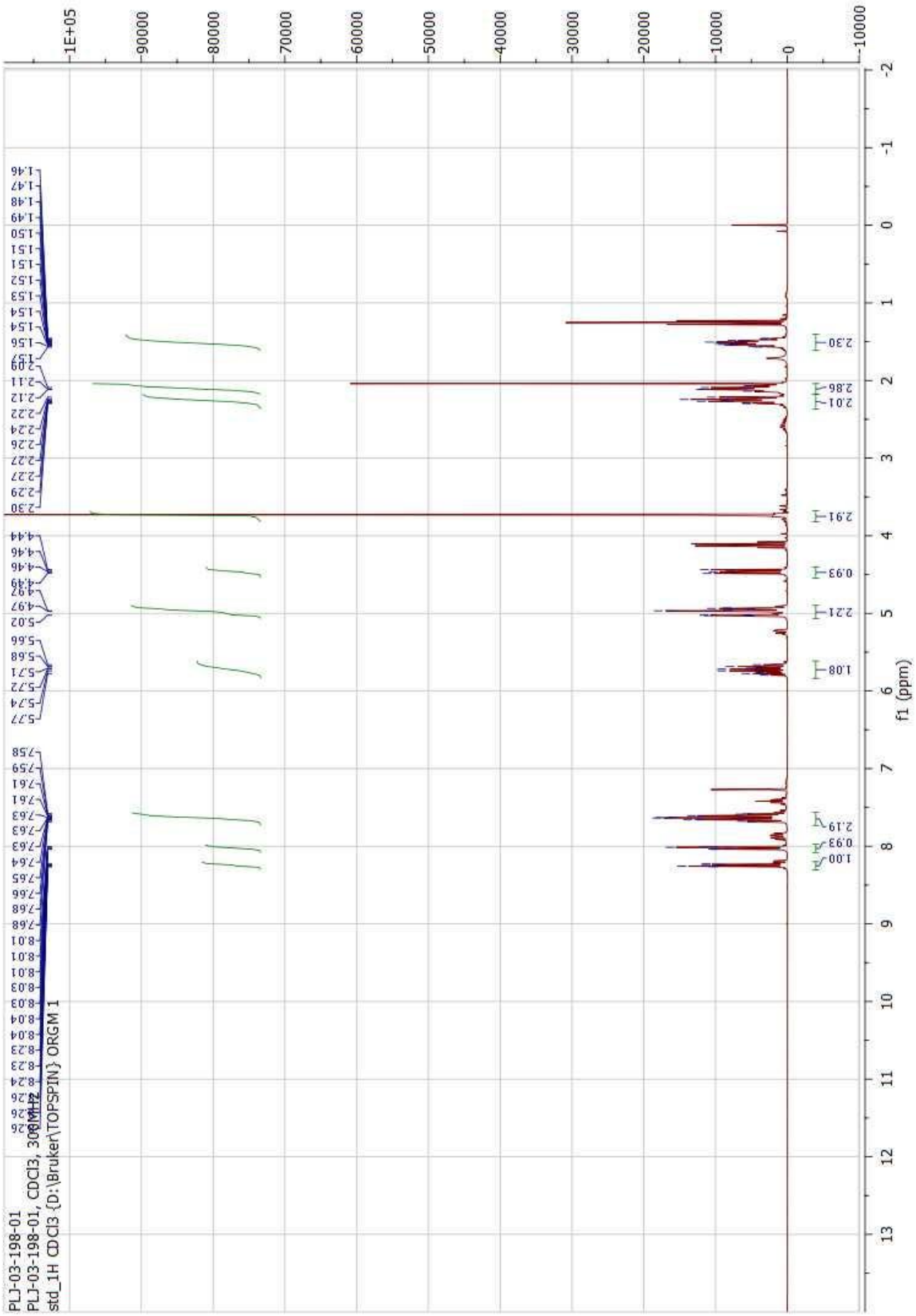


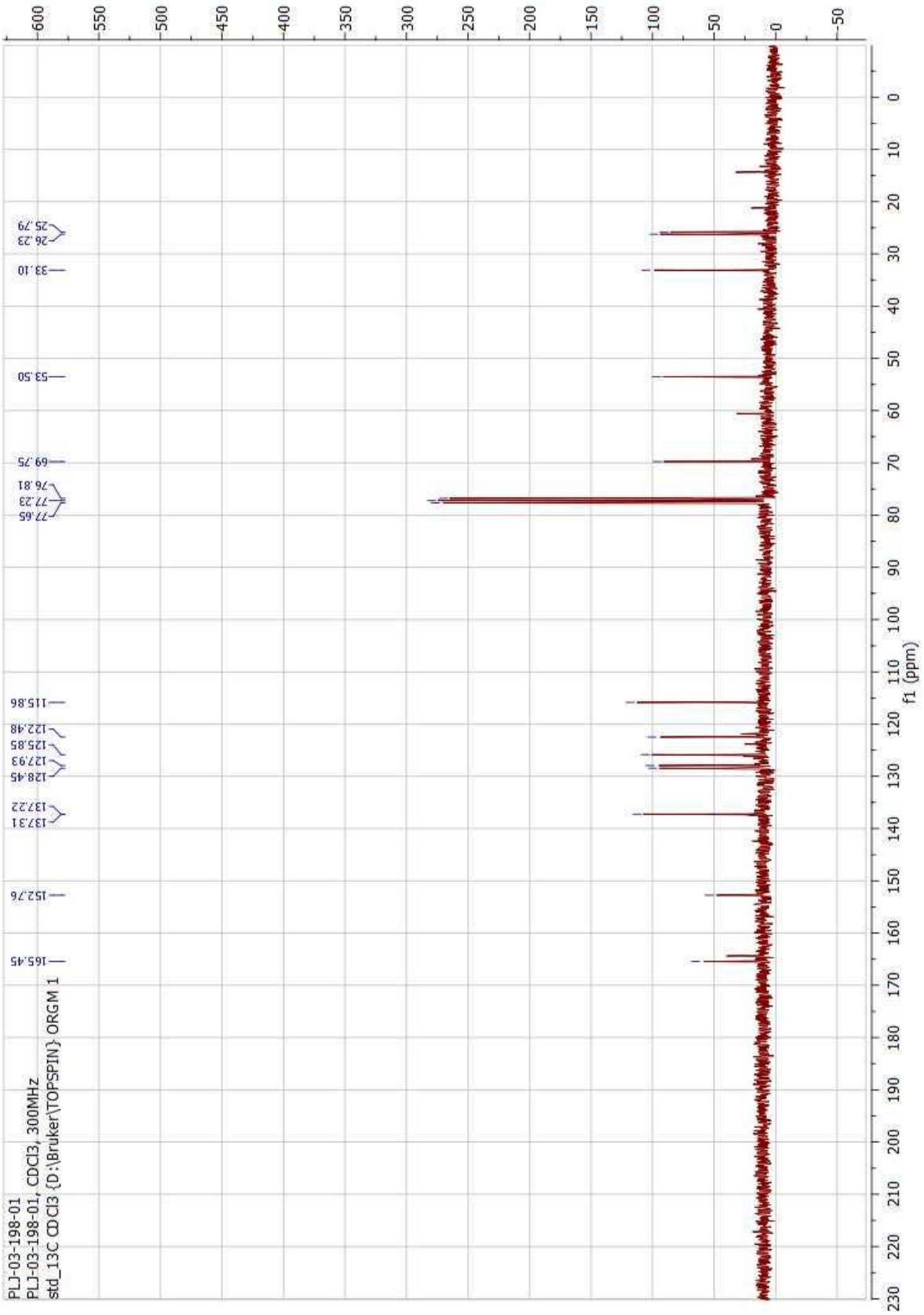
^{1}H and ^{13}C-NMR of compound 11h



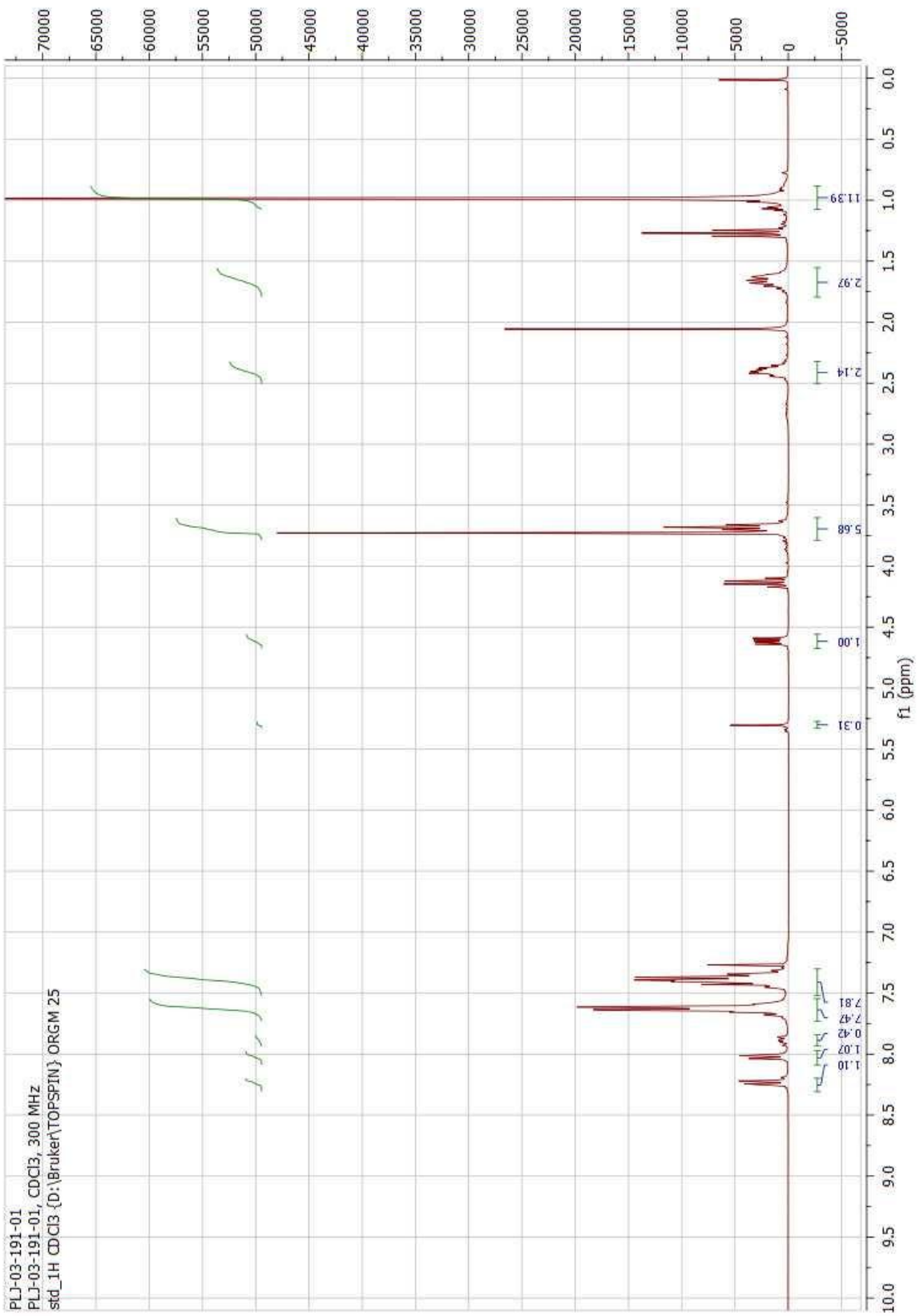


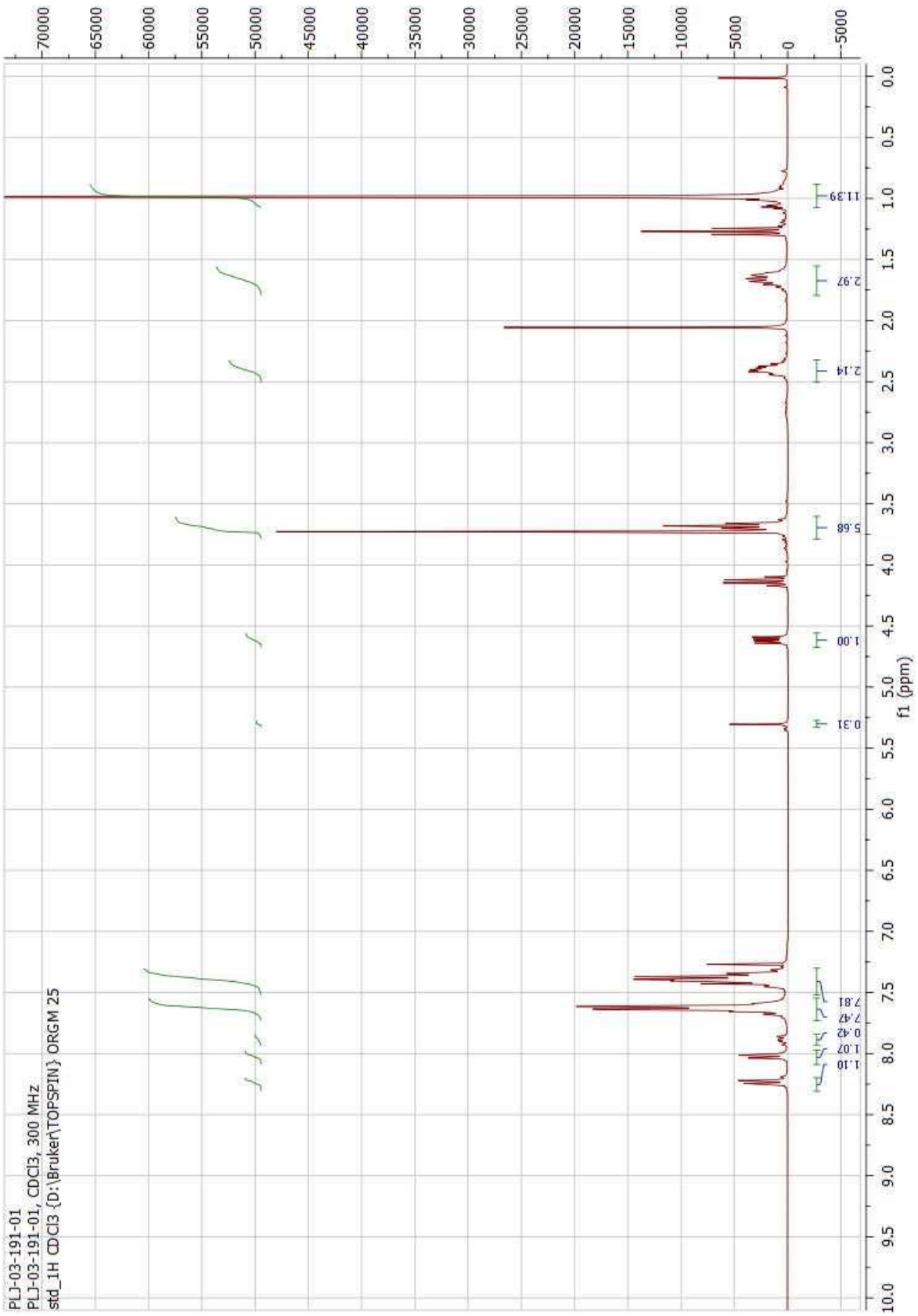
^{1}H and ^{13}C-NMR of compound 17i



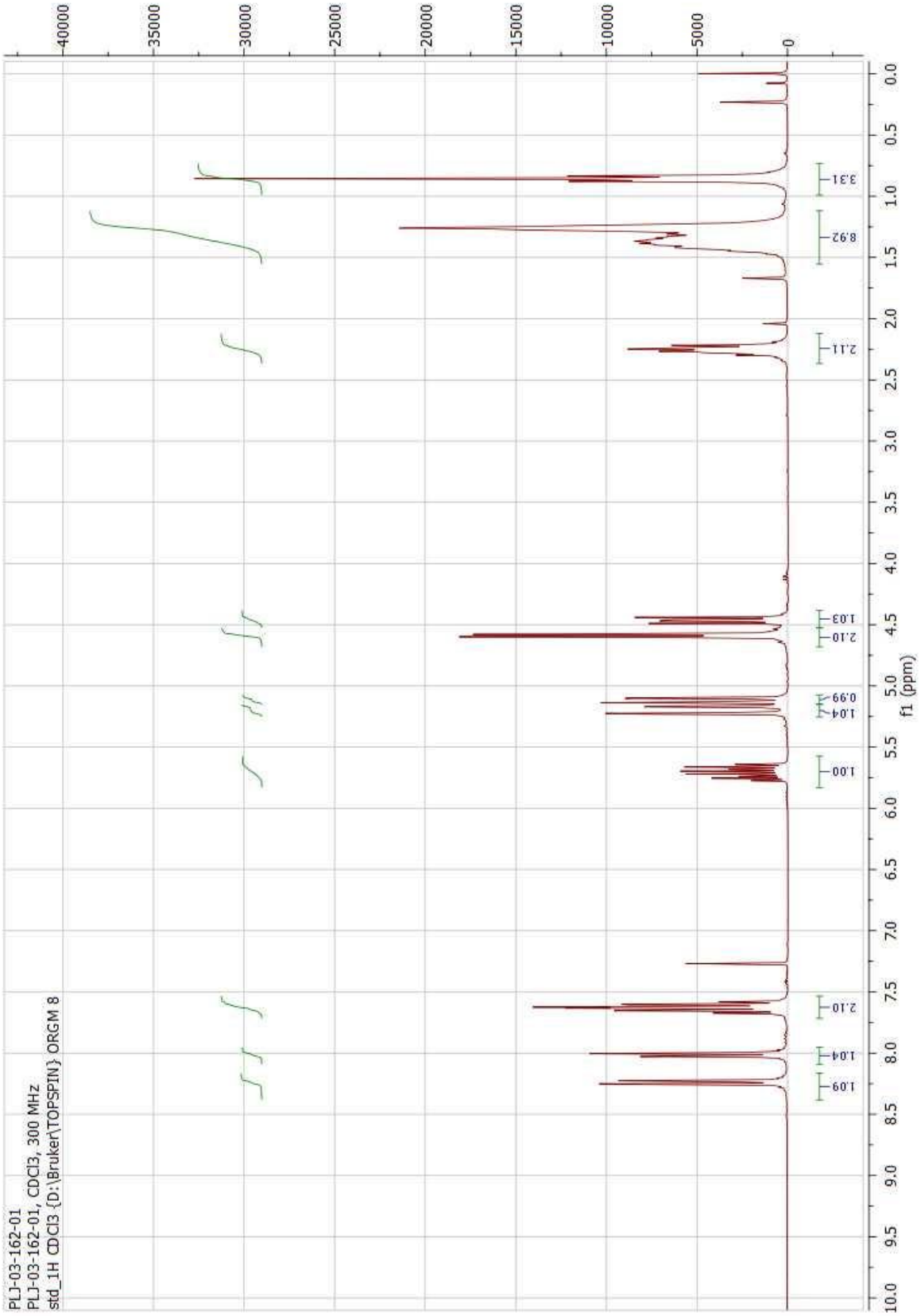


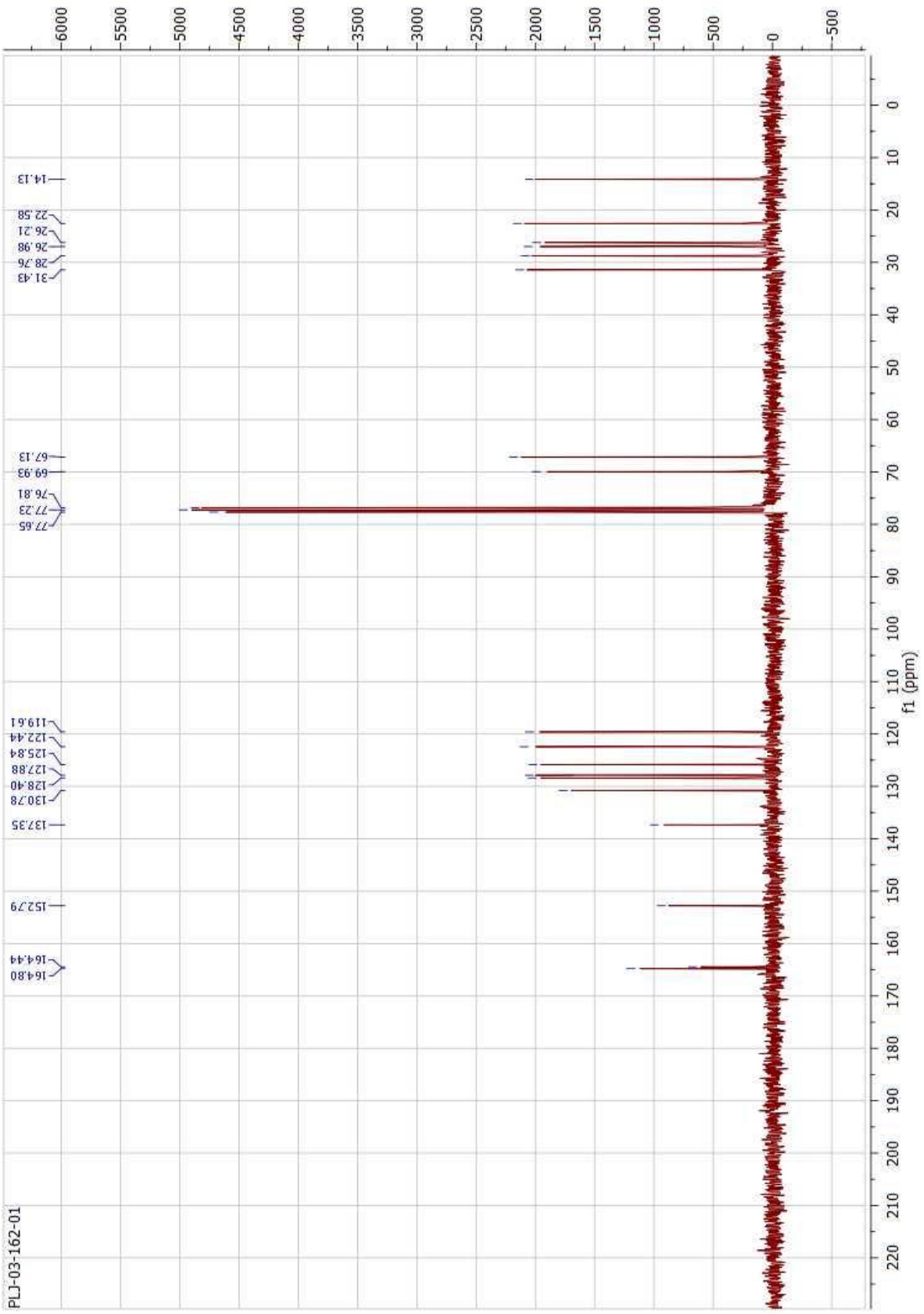
^{1}H and ^{13}C-NMR of compound 11j





^{1}H and ^{13}C-NMR of compound 17k





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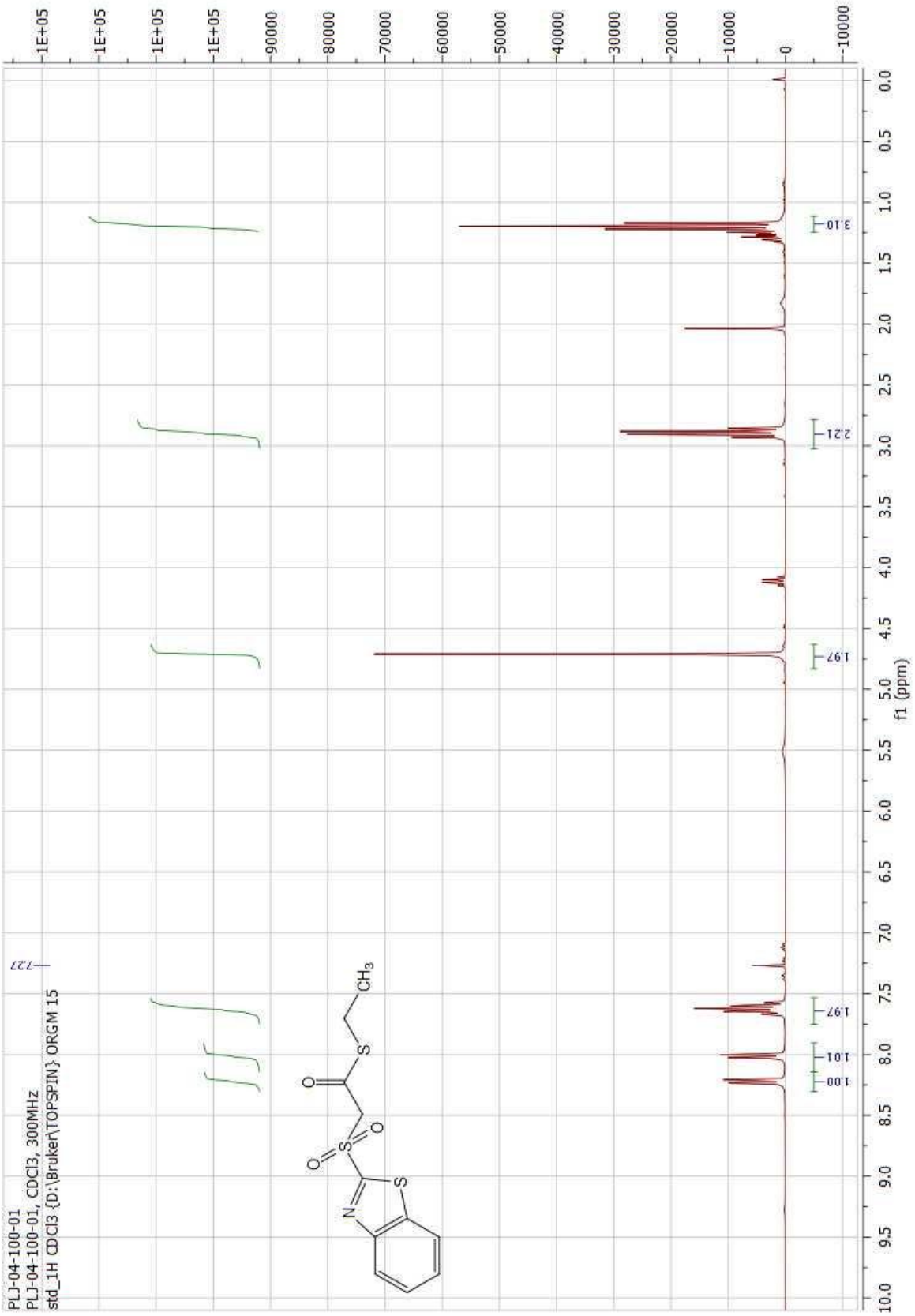

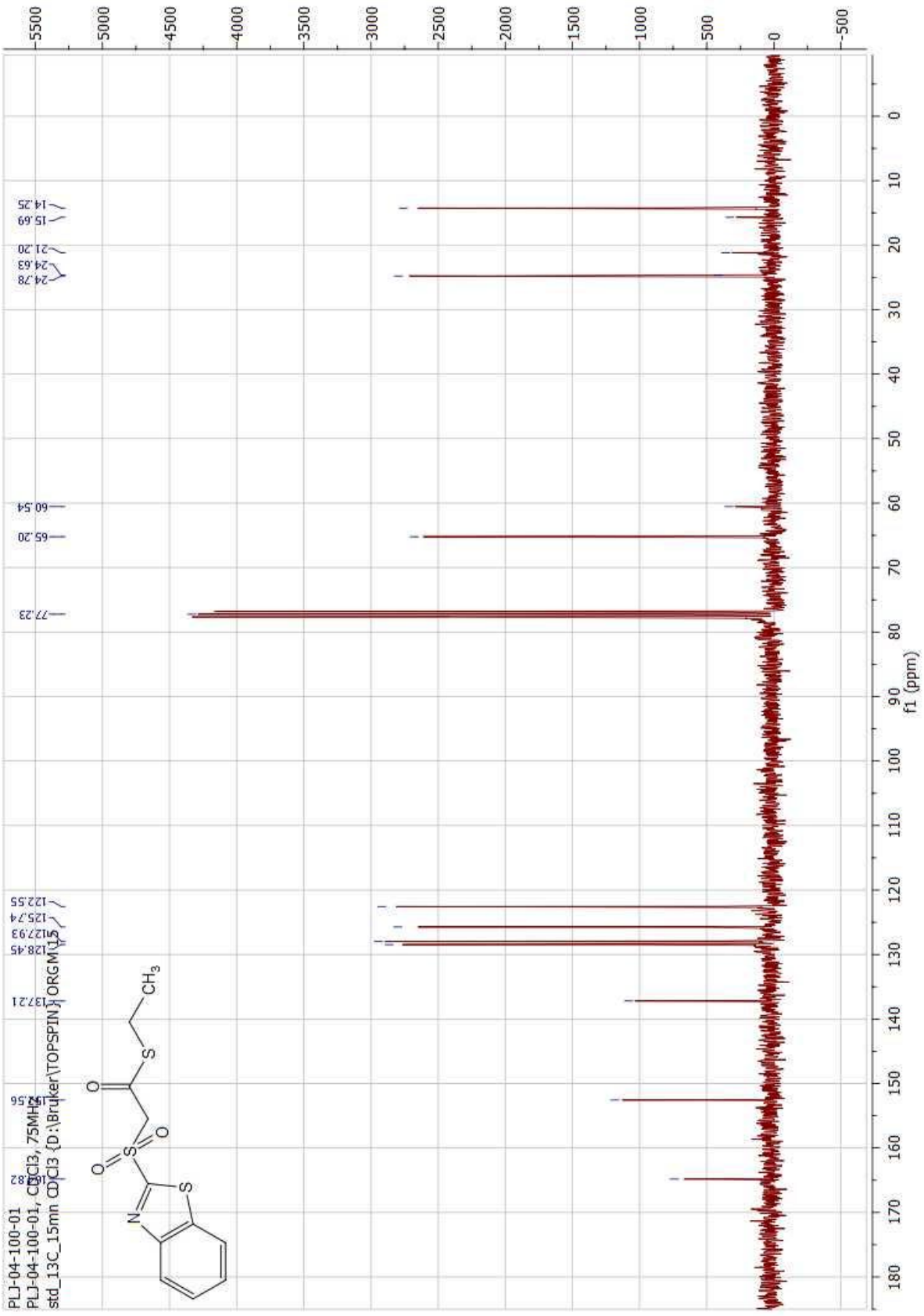

^{1}H and ^{13}C-NMR of compound 11m