

Supporting information

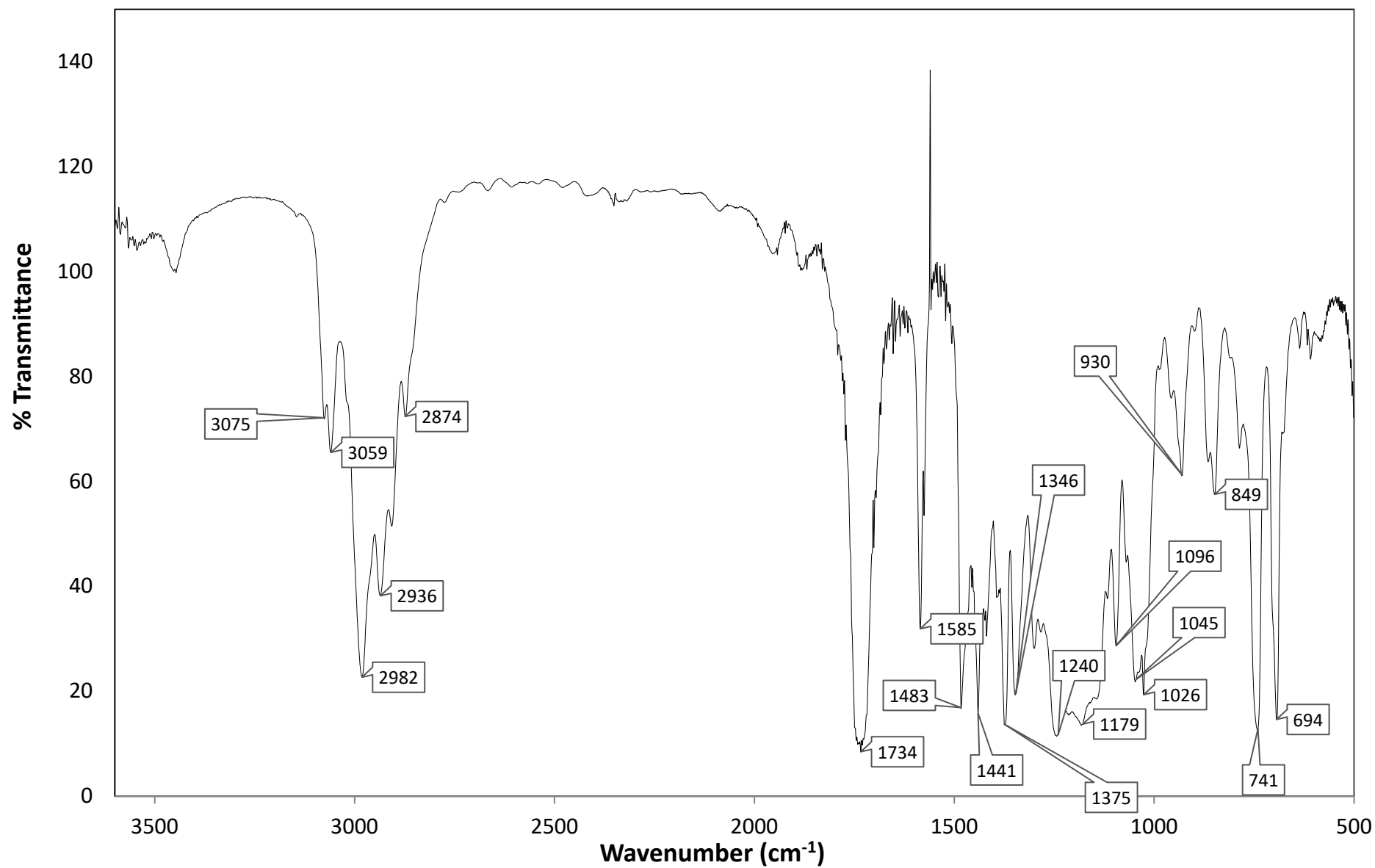
Manuscript title:

Thia-Michael reaction under heterogeneous catalysis

Authors: Giovanna Bosica*, Roderick Abdilla and Alessio Petrellini

Copies of the spectra of the products are in the following Appendix

(3a) Ethyl 3-(phenylthio)propanoate



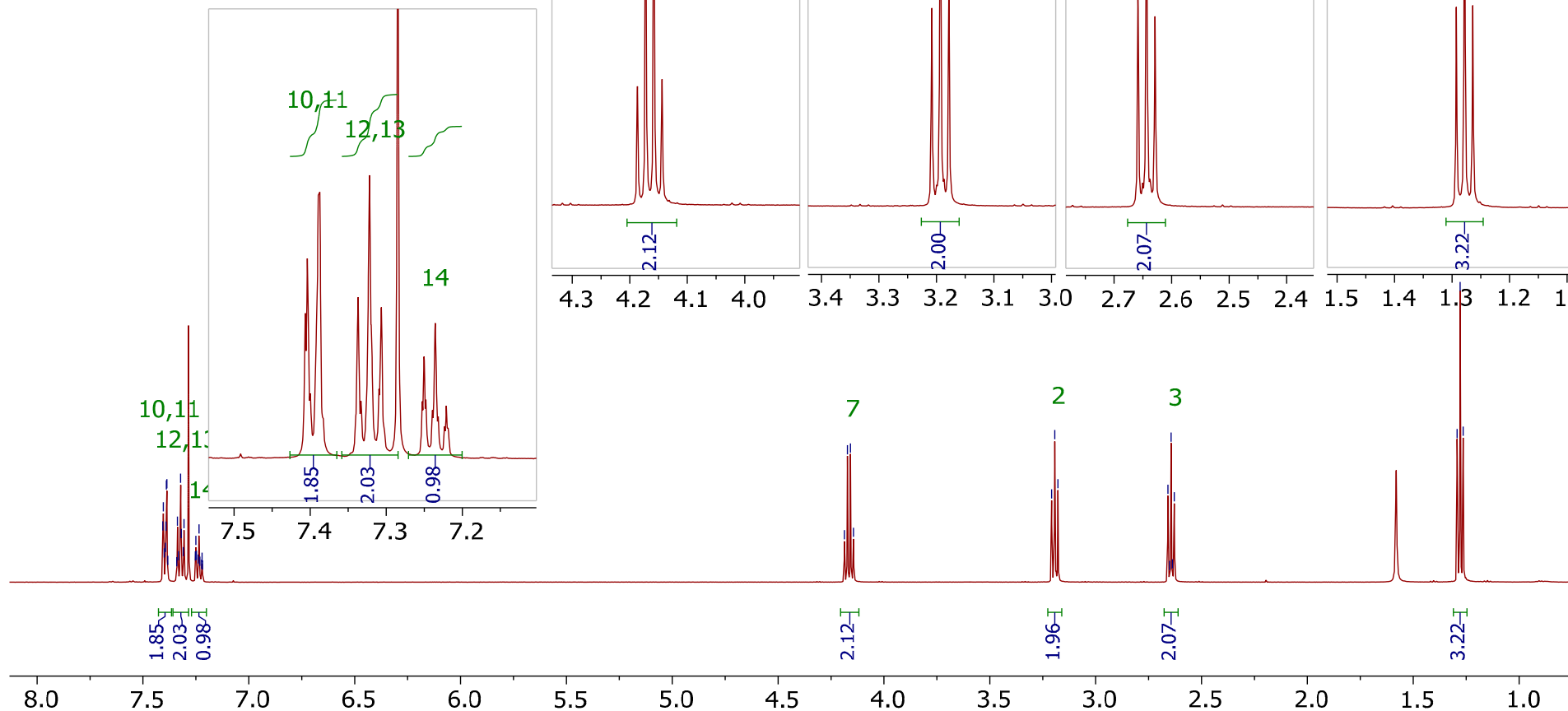
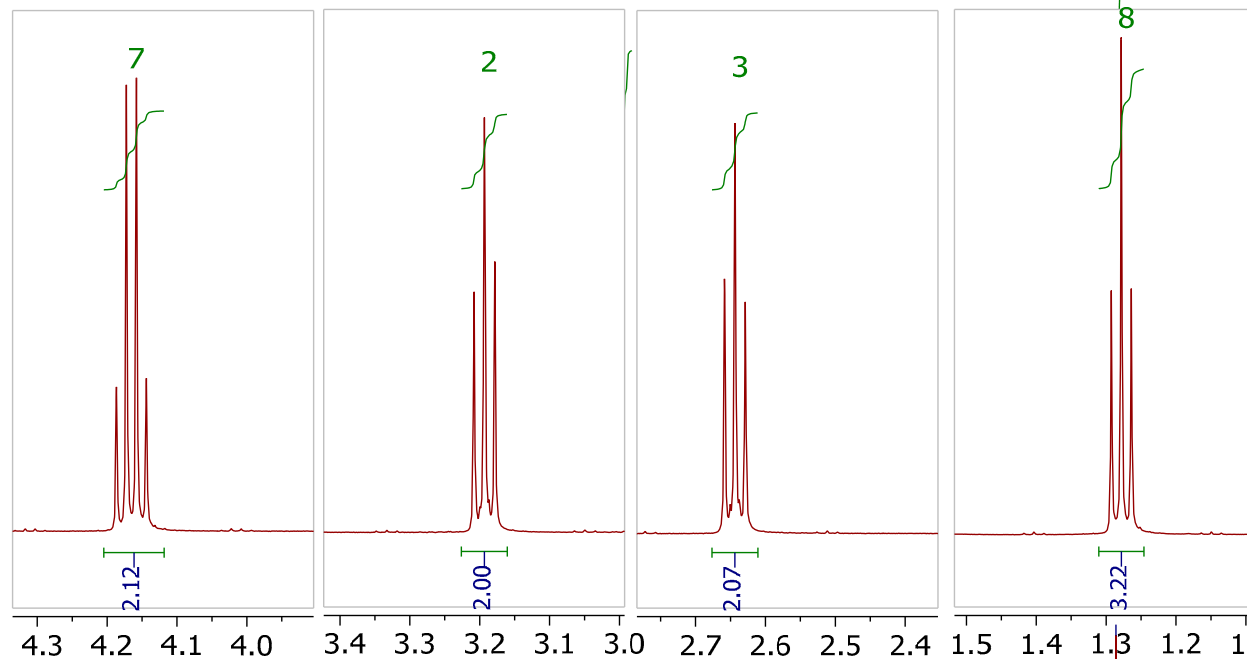
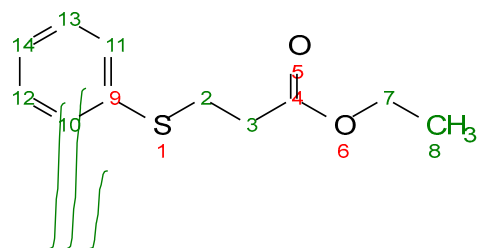
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7.31
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7.24
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7.23
7.22
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4.19
4.17
4.16
4.14

3.21
3.19
3.18

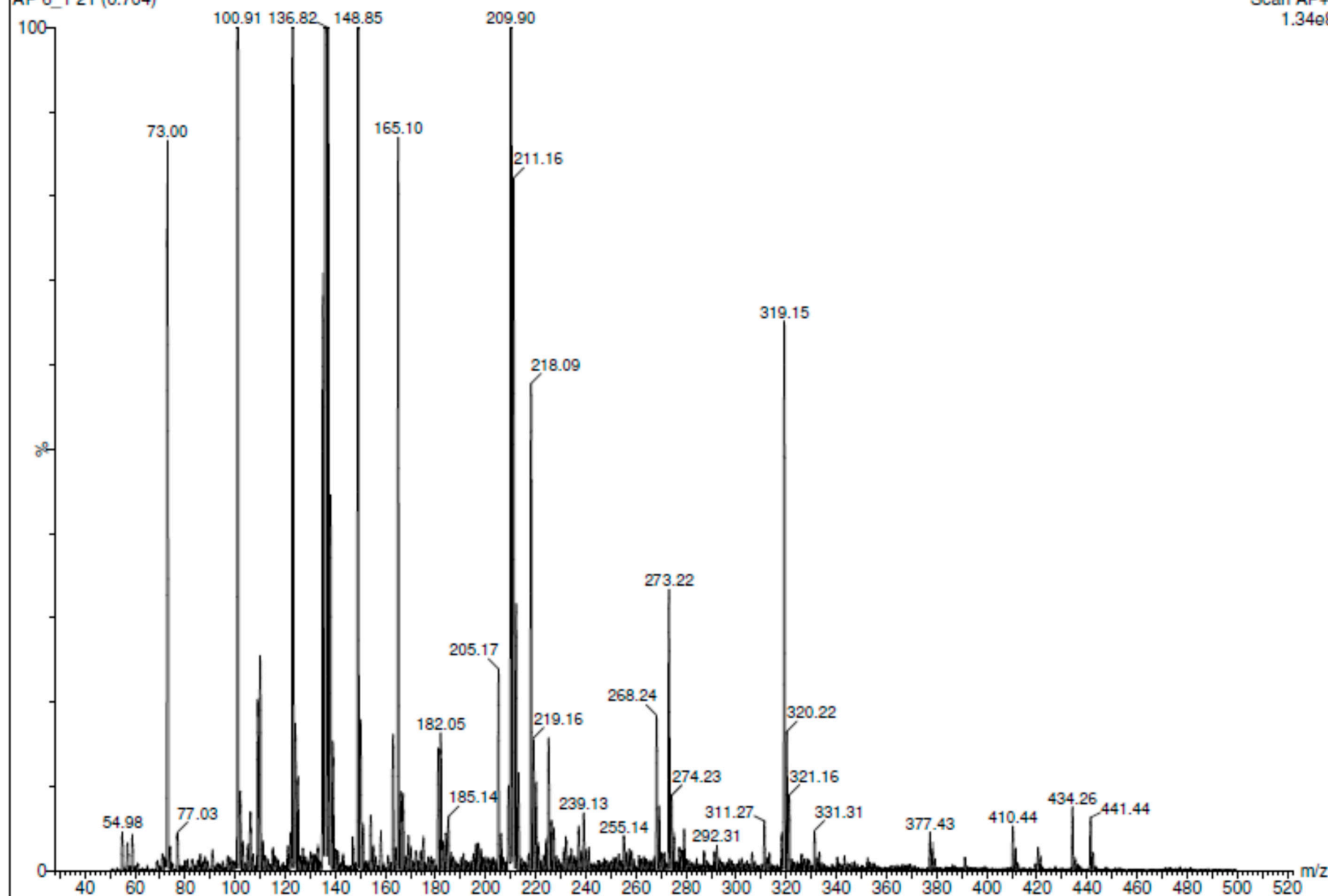
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2.65
2.64
2.64
2.63

1.29
1.28
1.26

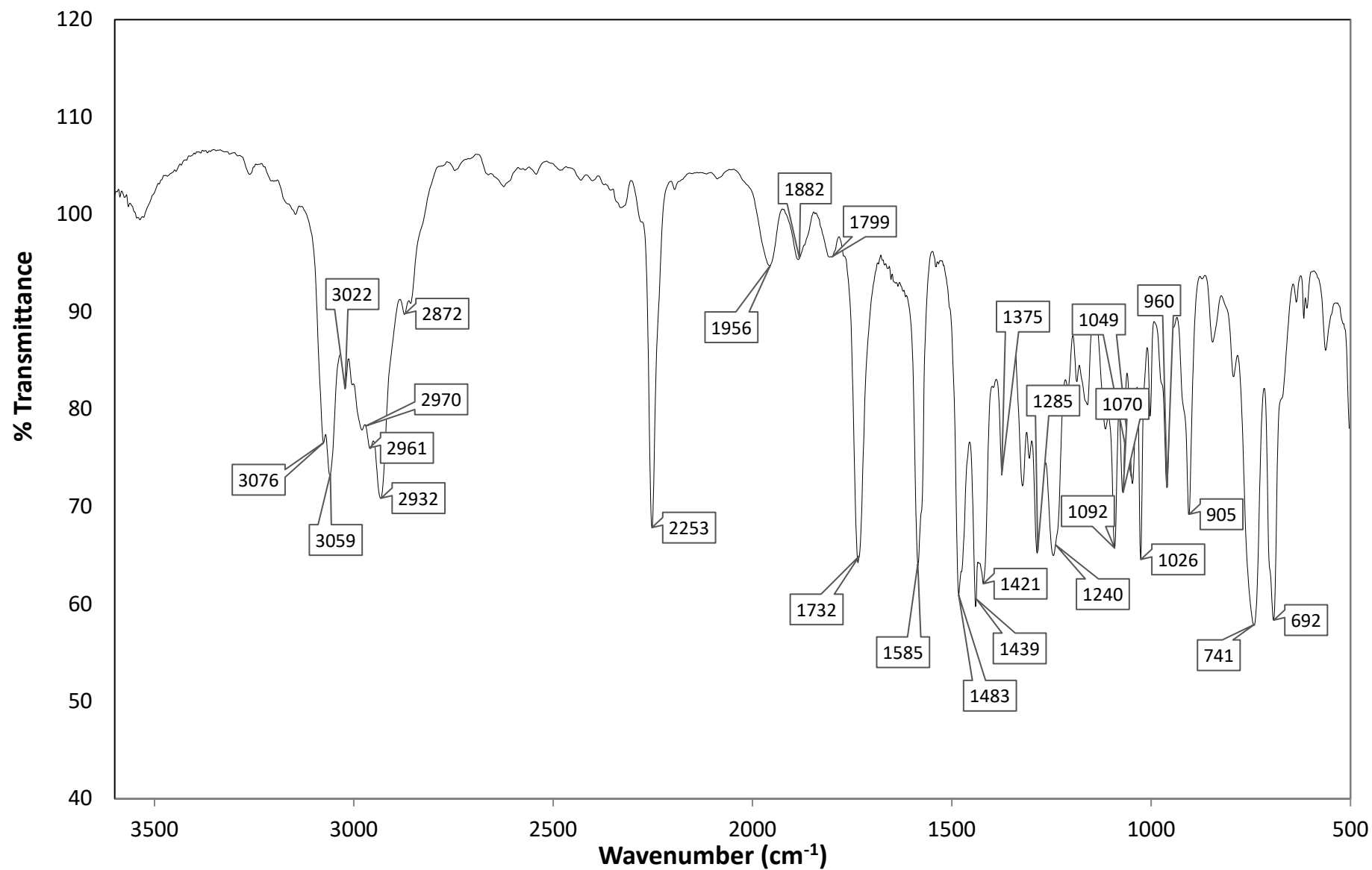


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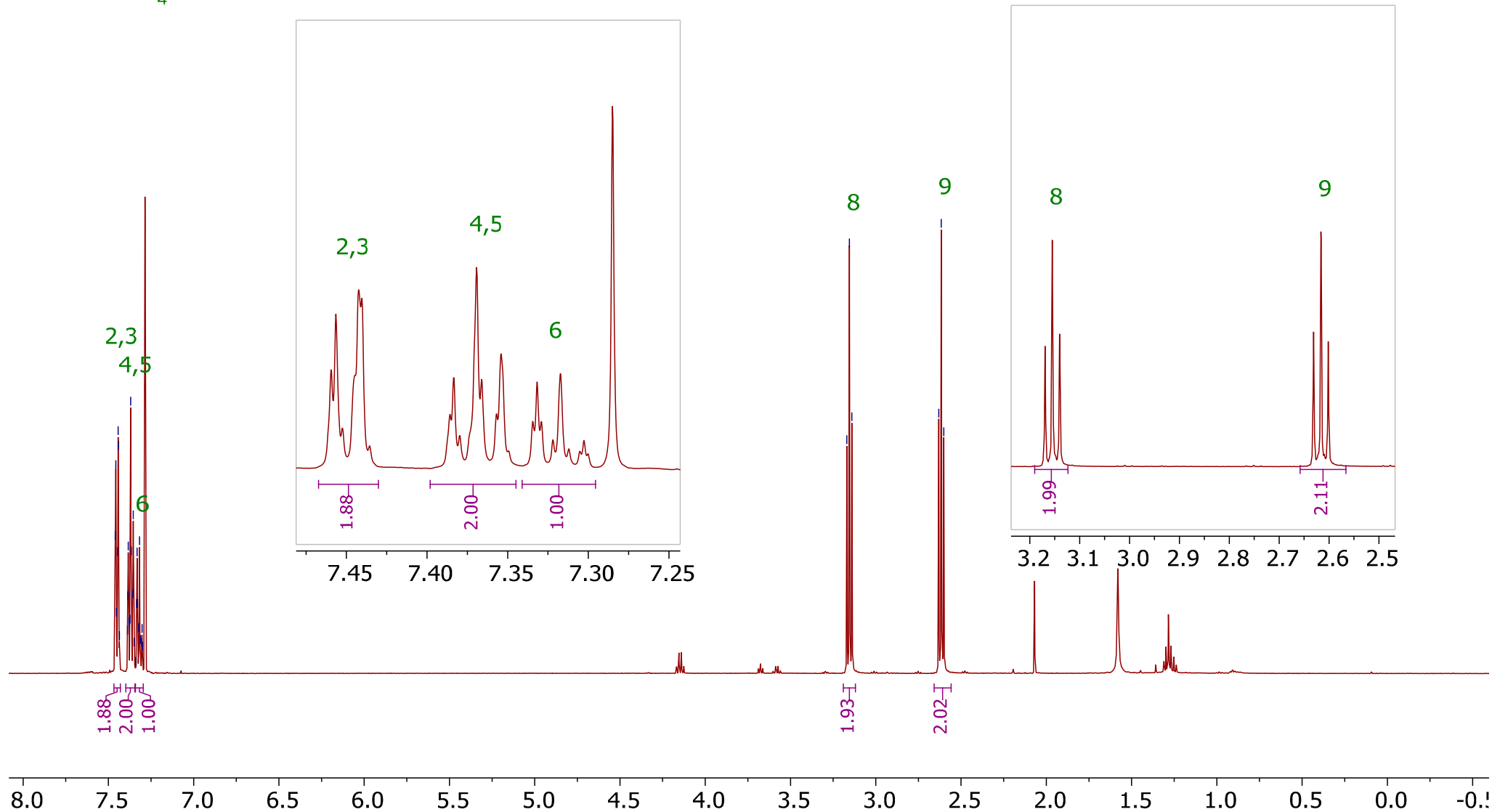
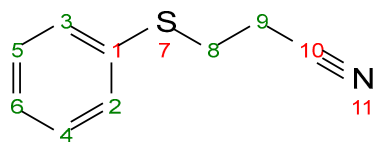


(3b) 3-(phenylthio)propanenitrile

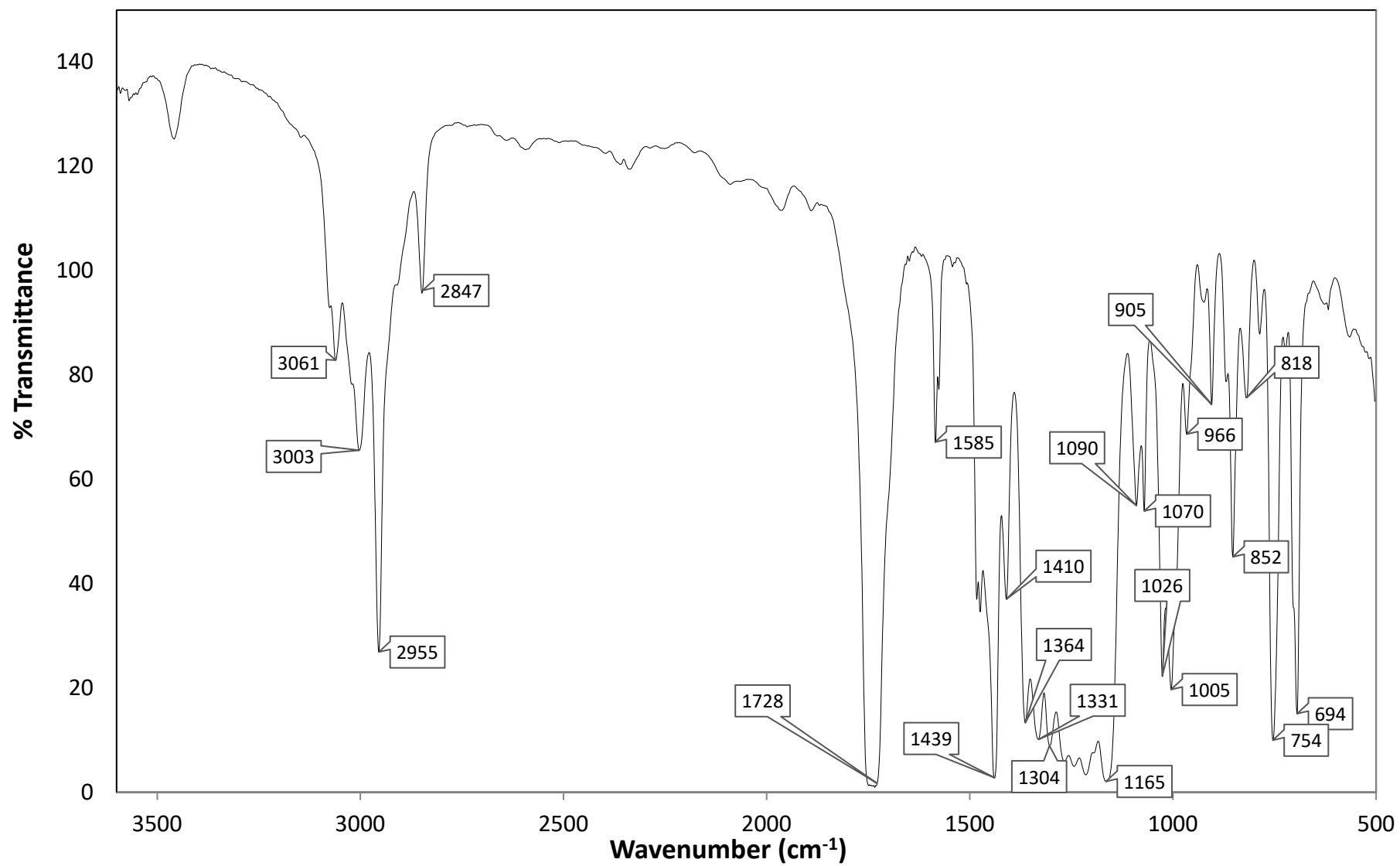


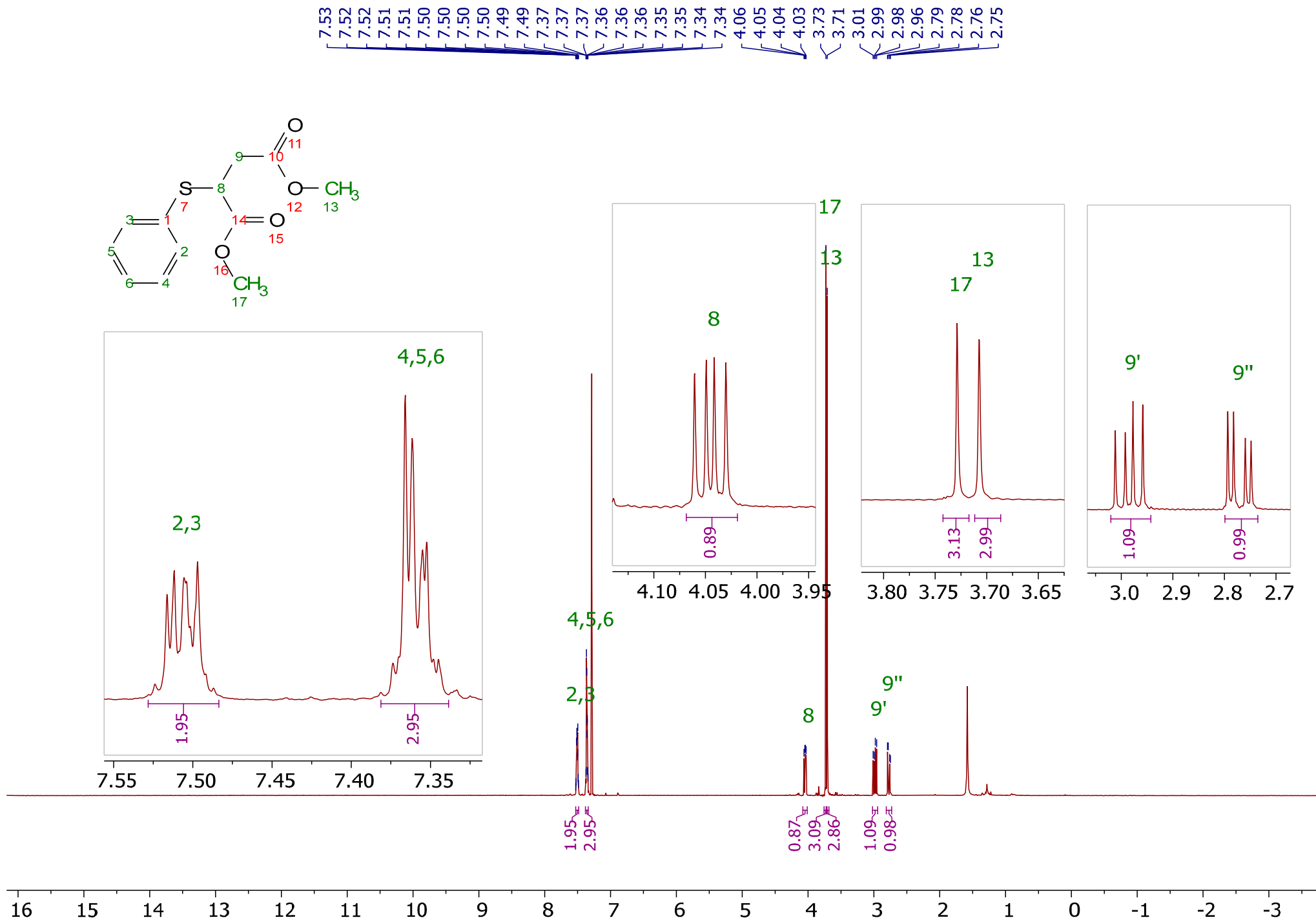
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7.46
7.45
7.45
7.44
7.44
7.44
7.39
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7.35
7.34
7.33
7.33
7.33
7.32
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7.31
7.31
7.30
7.30

3.17
3.15
3.14
2.63
2.62
2.60

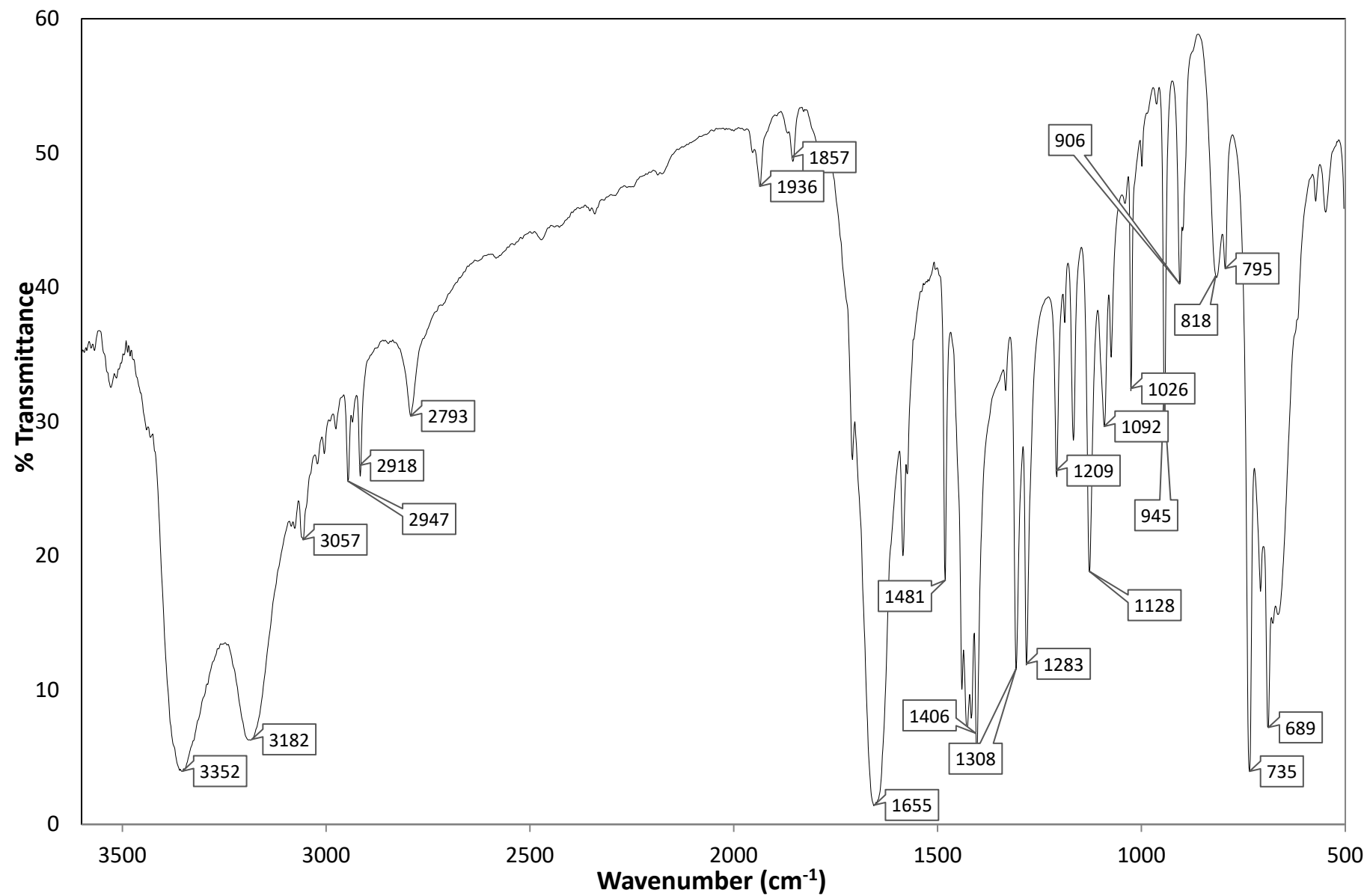


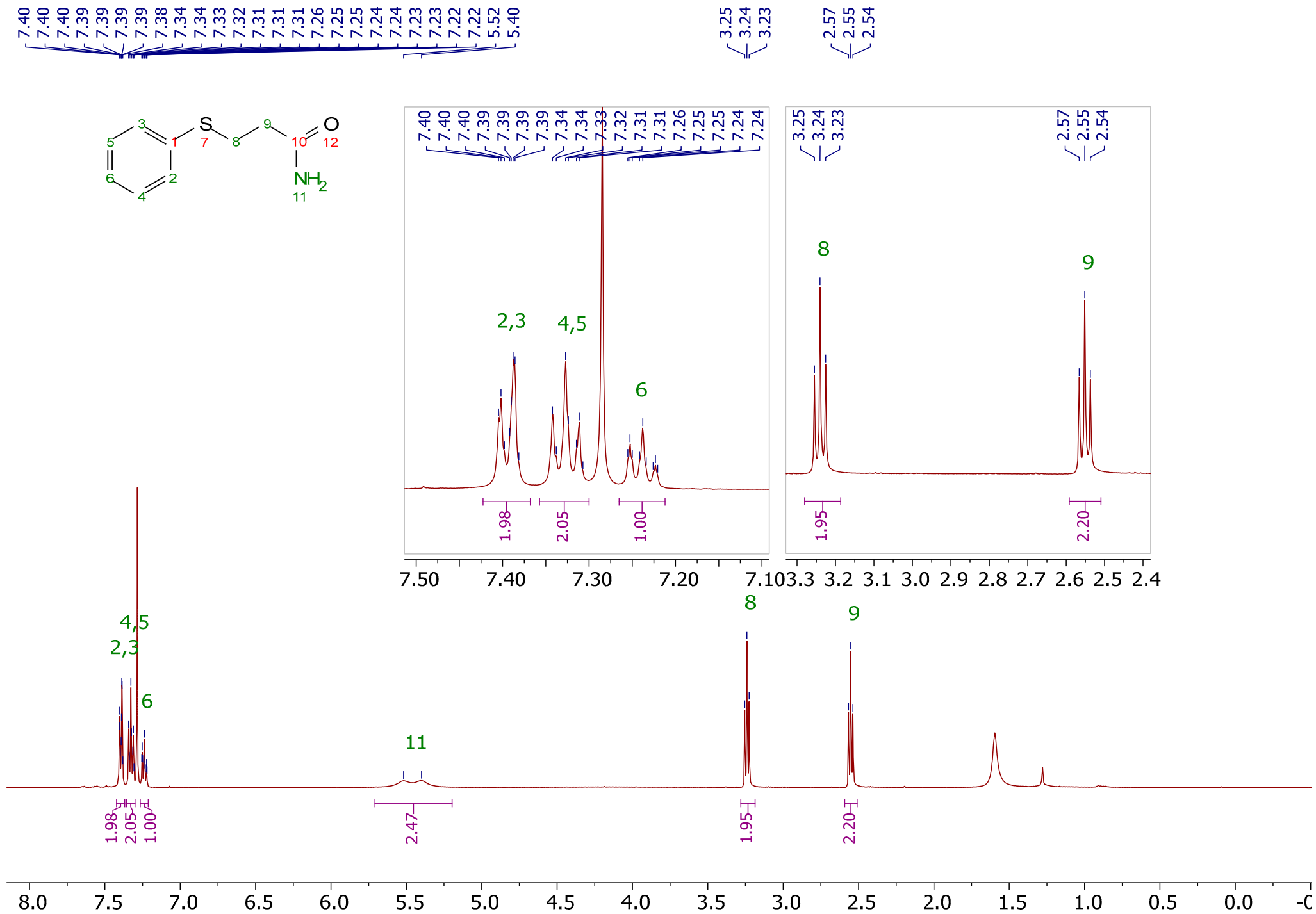
(3c) Dimethyl 2-(phenylthio)succinate



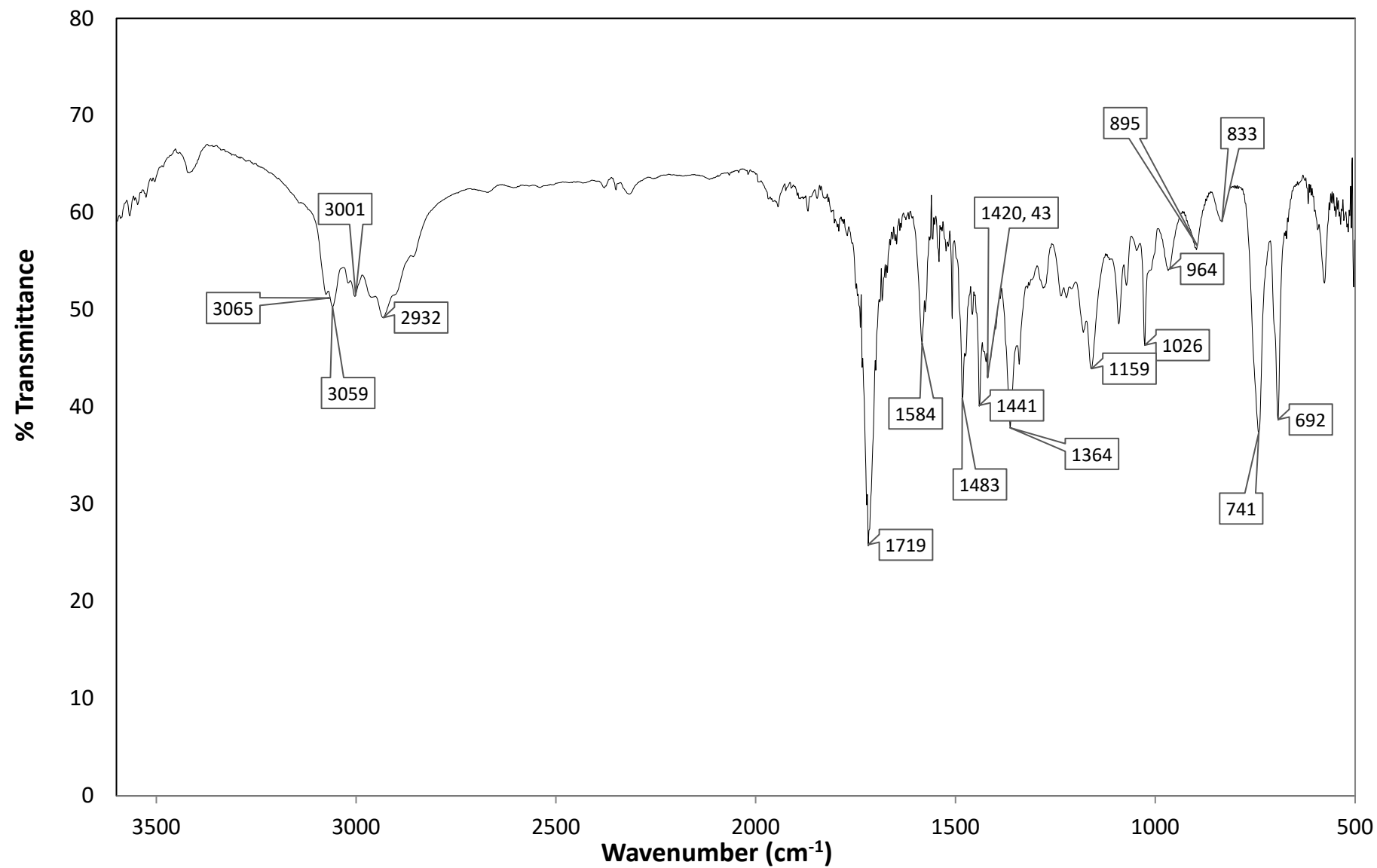


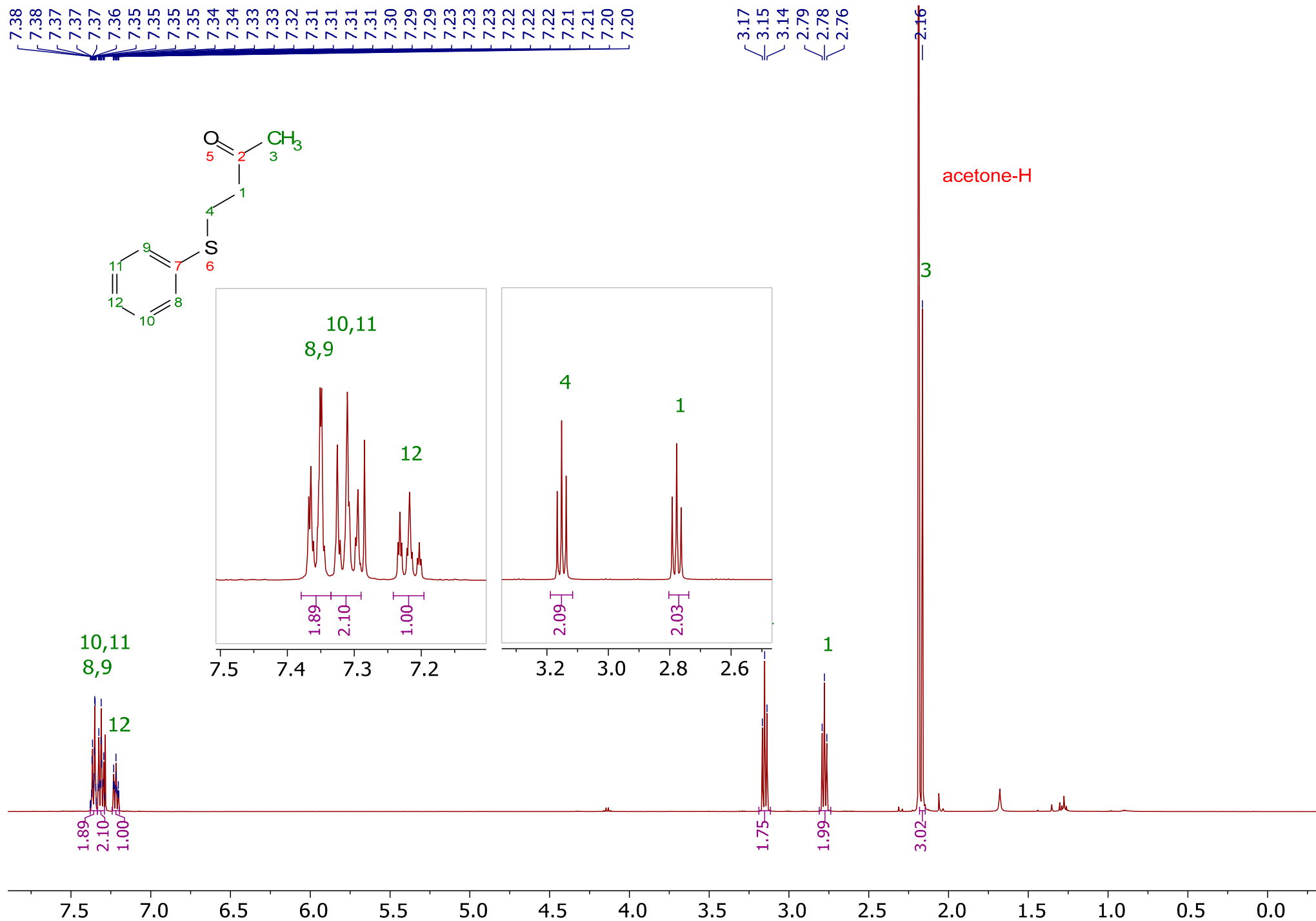
(3d) 3-(phenylthio)propenamide



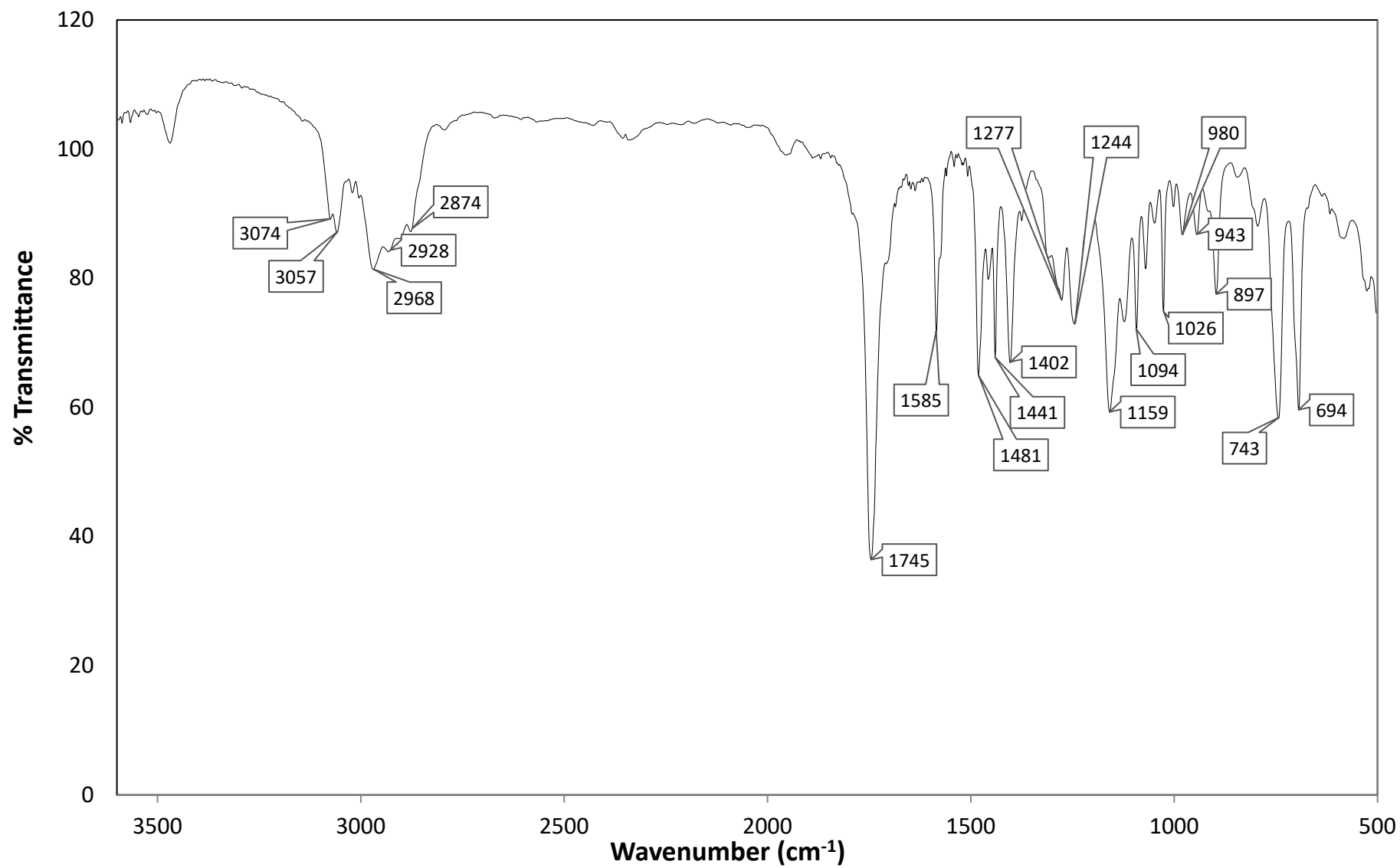


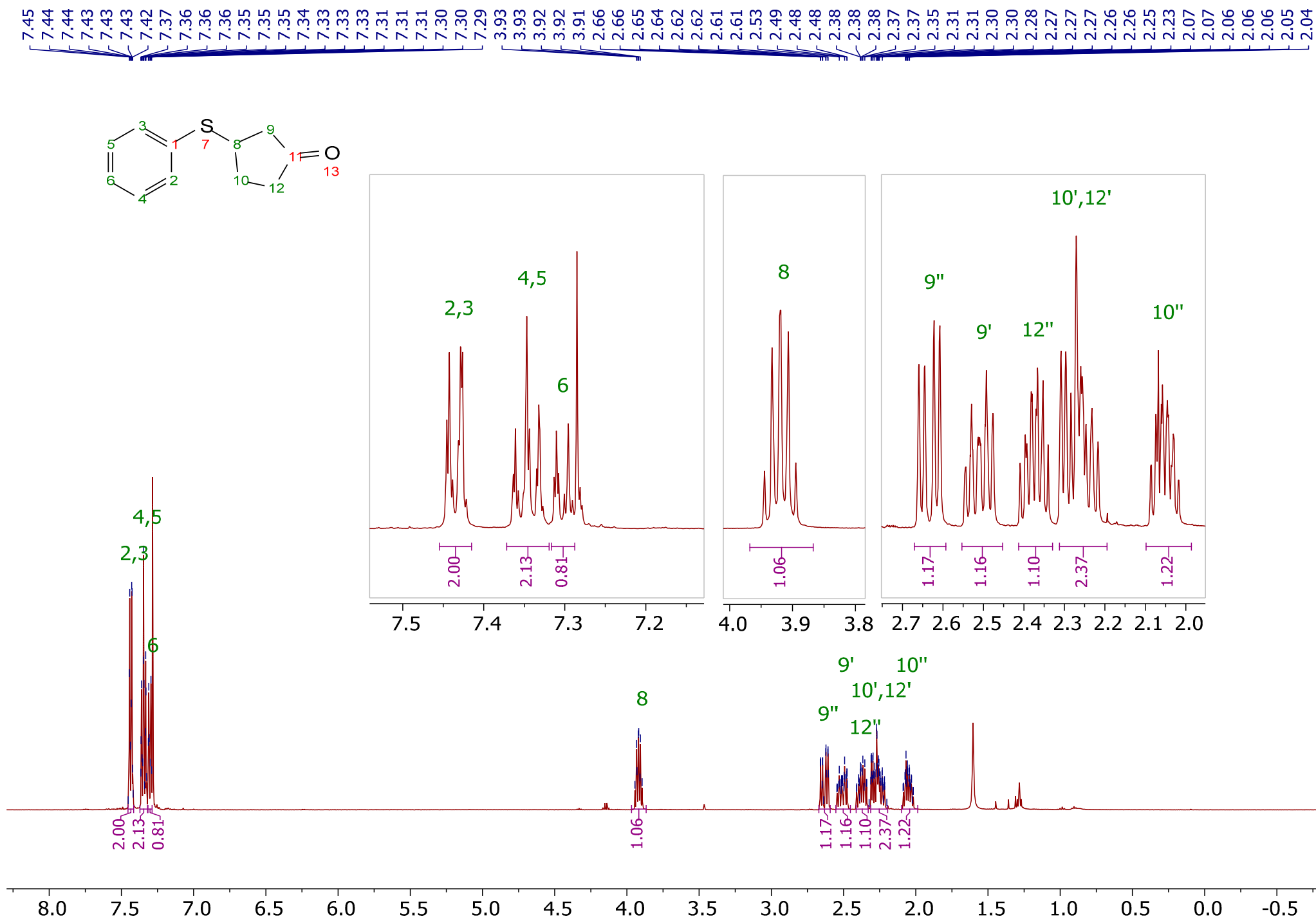
(3e) 4-(phenylthio)butan-2-one



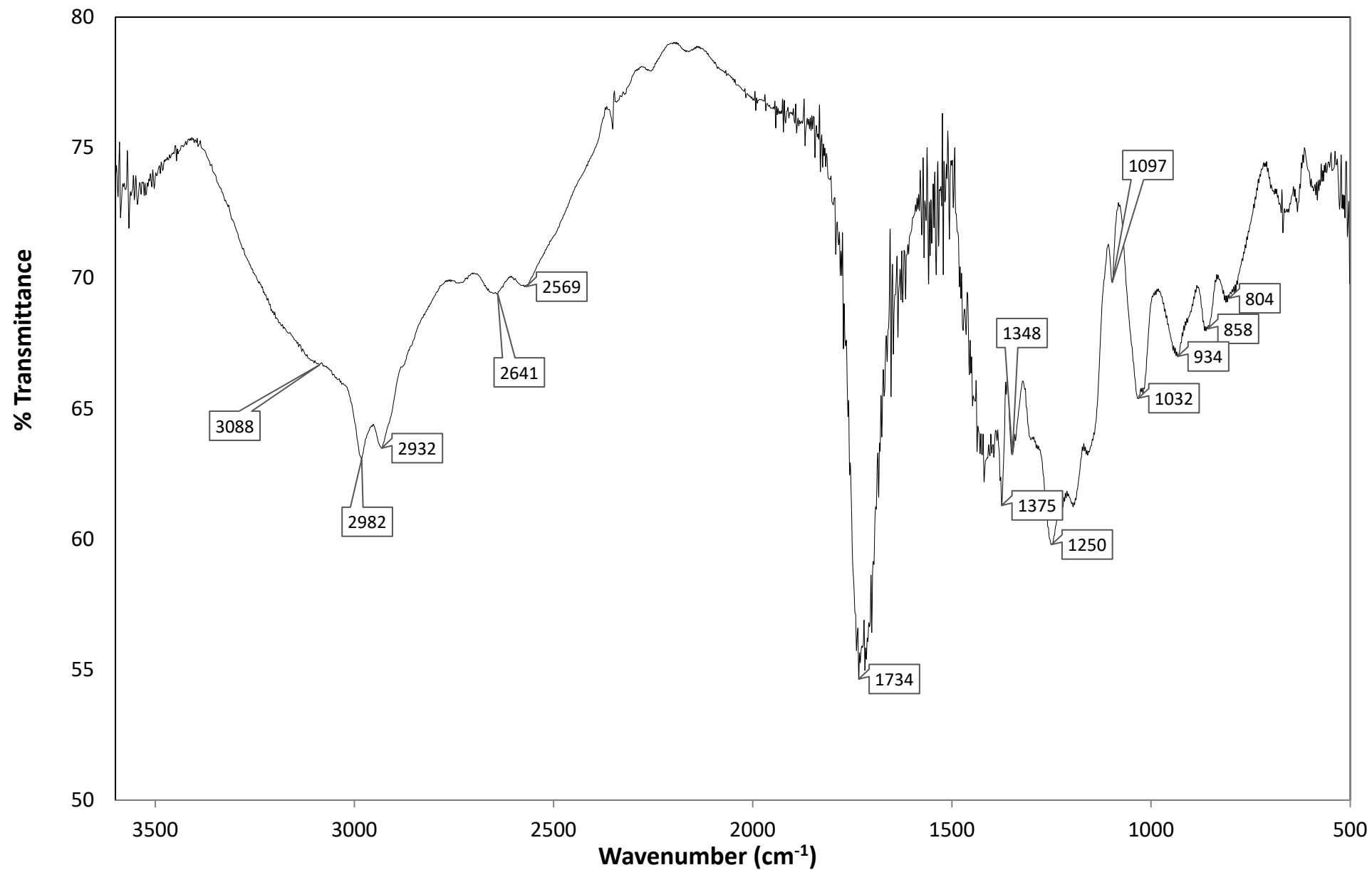


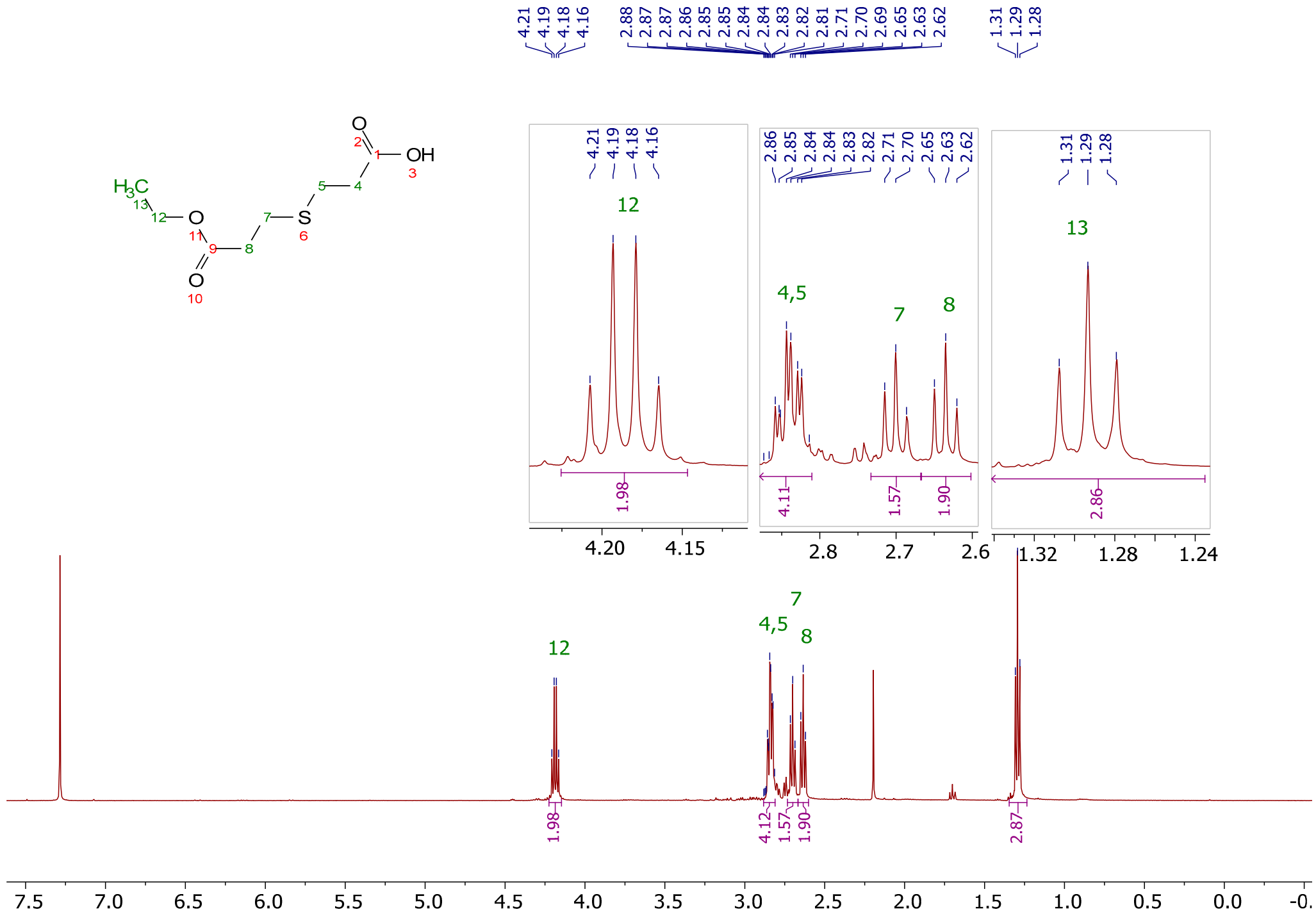
(3f) 3-(phenylthio)cyclopentan-1-one

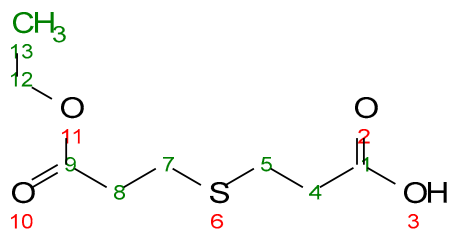




(3g) 3-((3-ethoxy-3-oxopropyl)thio) propanoic acid





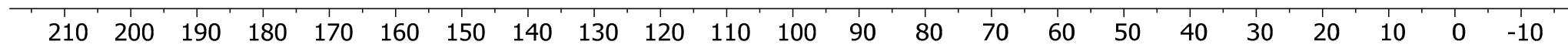


— 177.43
— 171.96

— 60.82

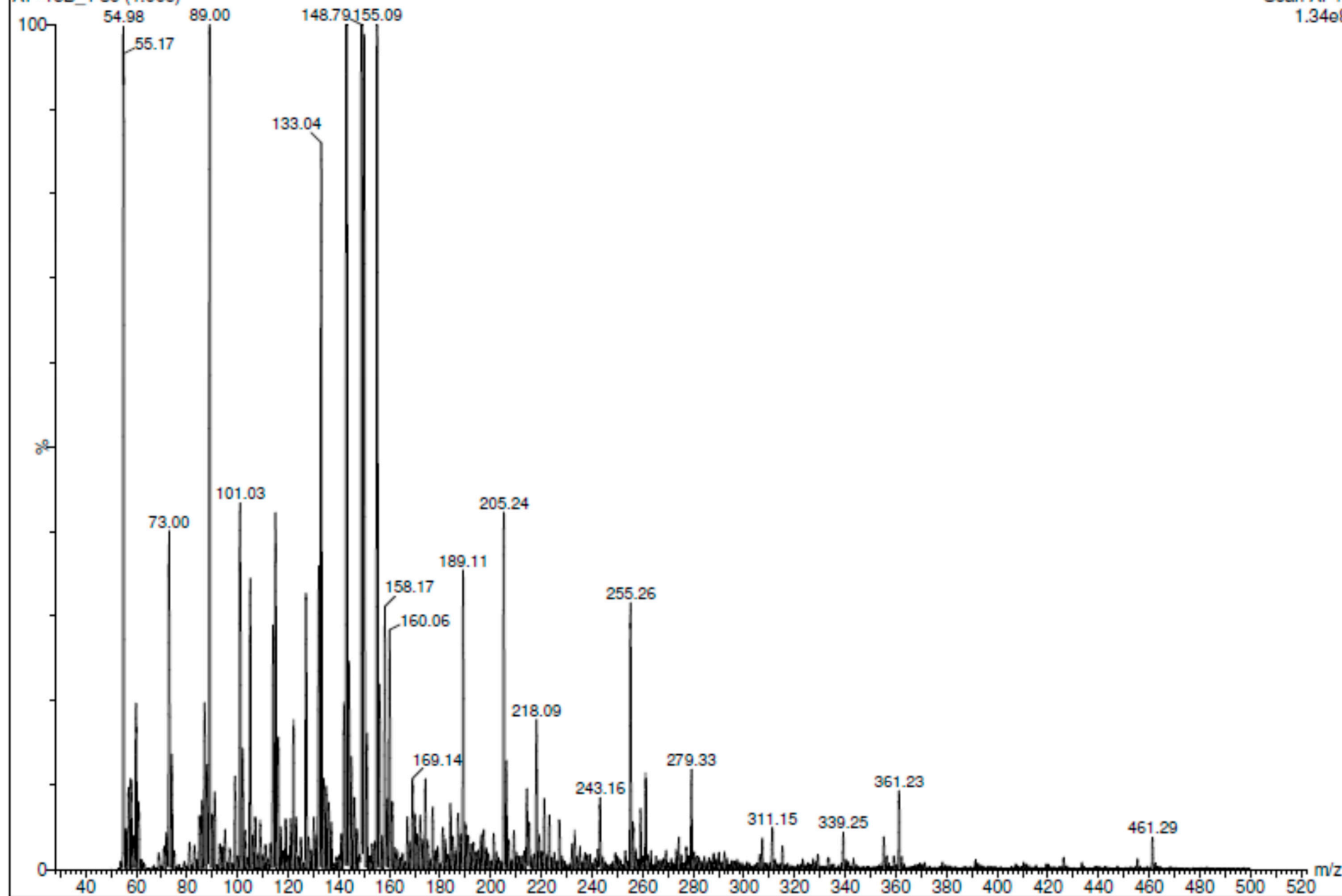
34.81
34.62
27.06
26.73

— 14.19

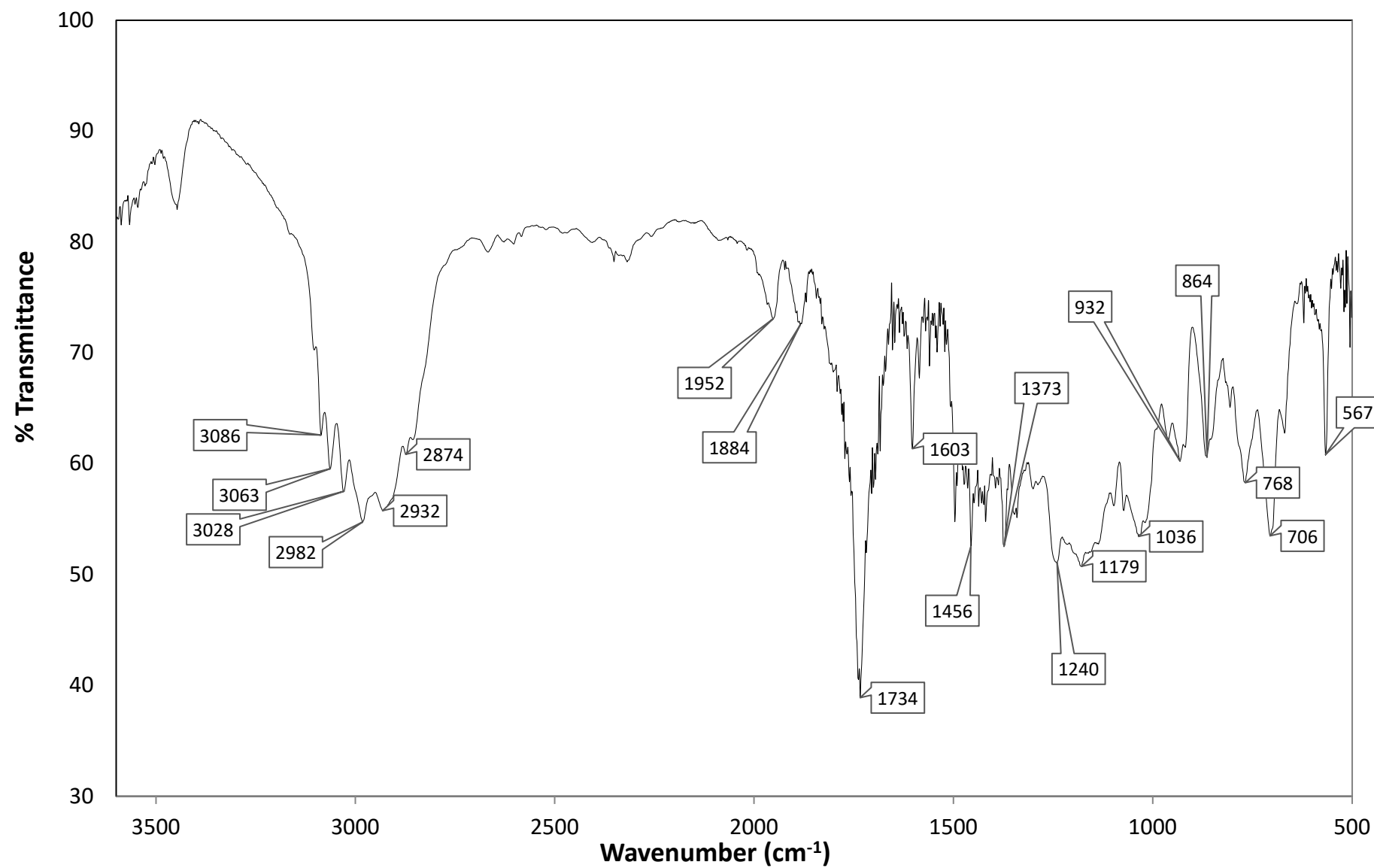


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(3h) Ethyl 3-(benzylthio)propanoate

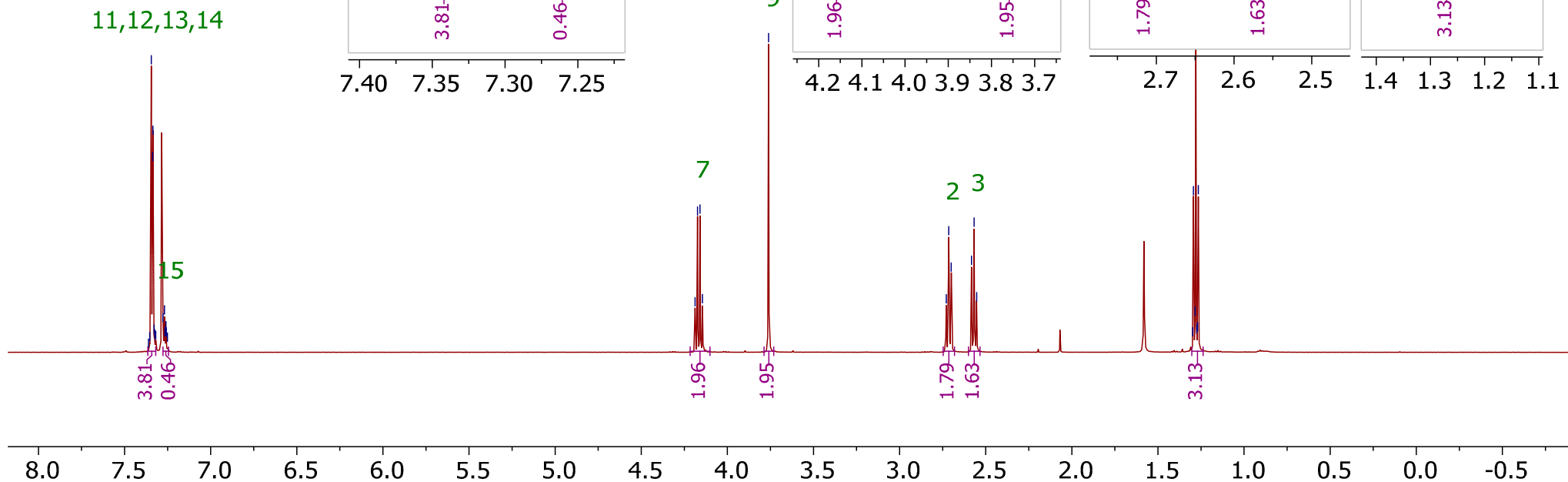
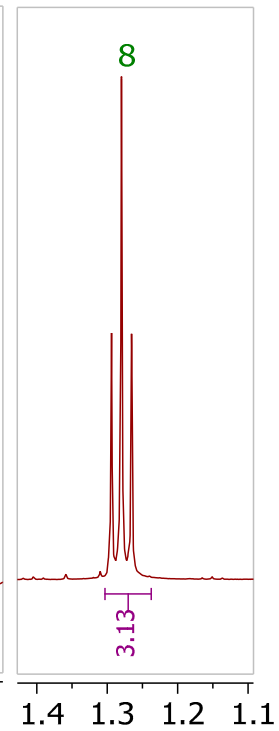
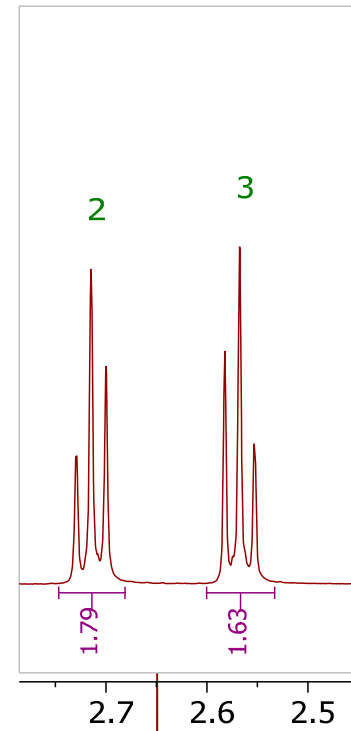
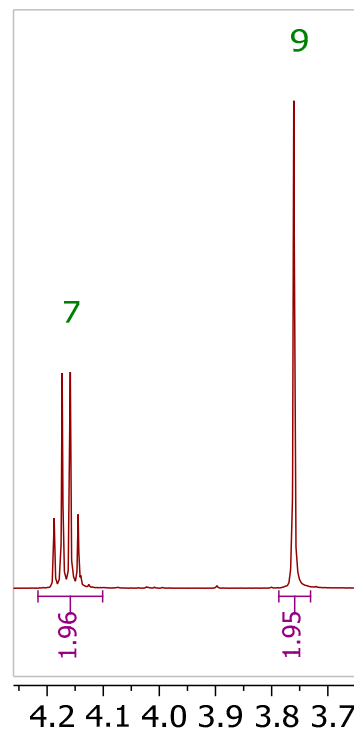
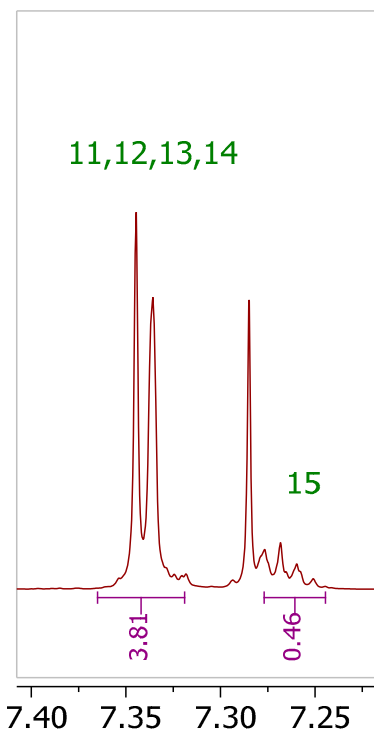
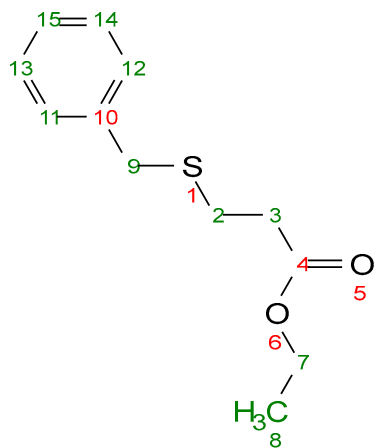


7.36
7.35
7.34
7.34
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7.32
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7.26
7.26
7.25

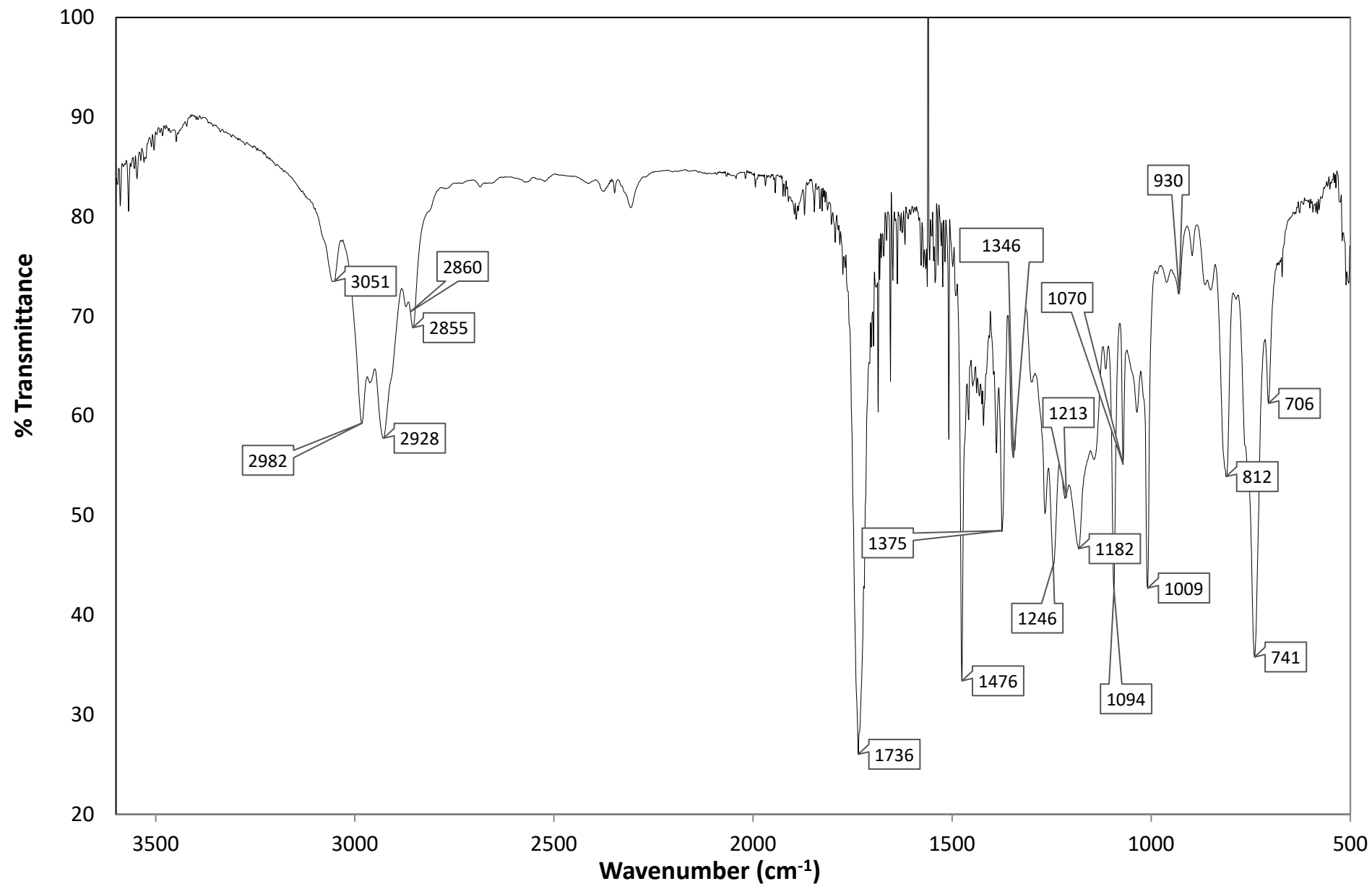
4.19
4.17
4.16
4.14
— 3.76

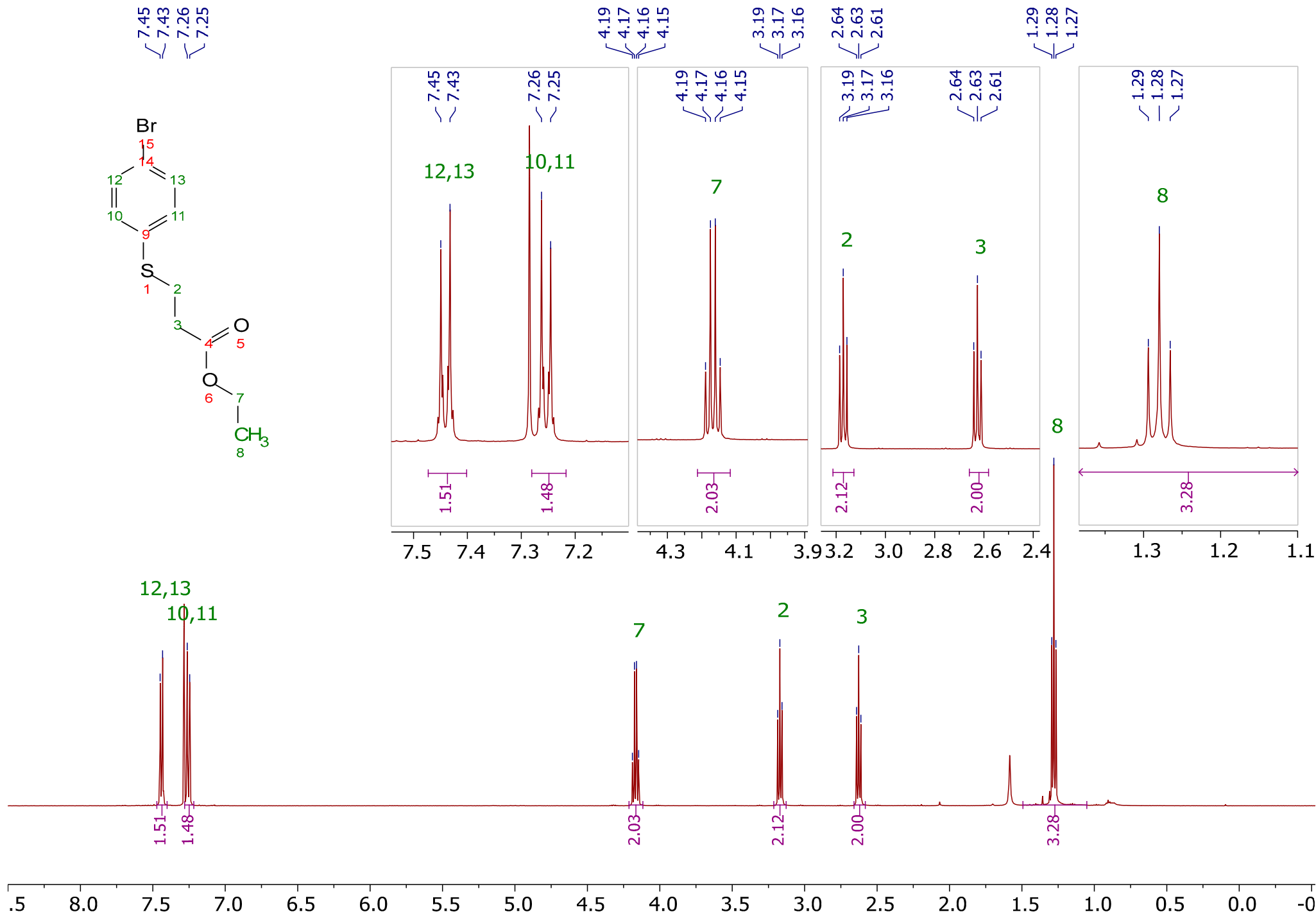
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2.55

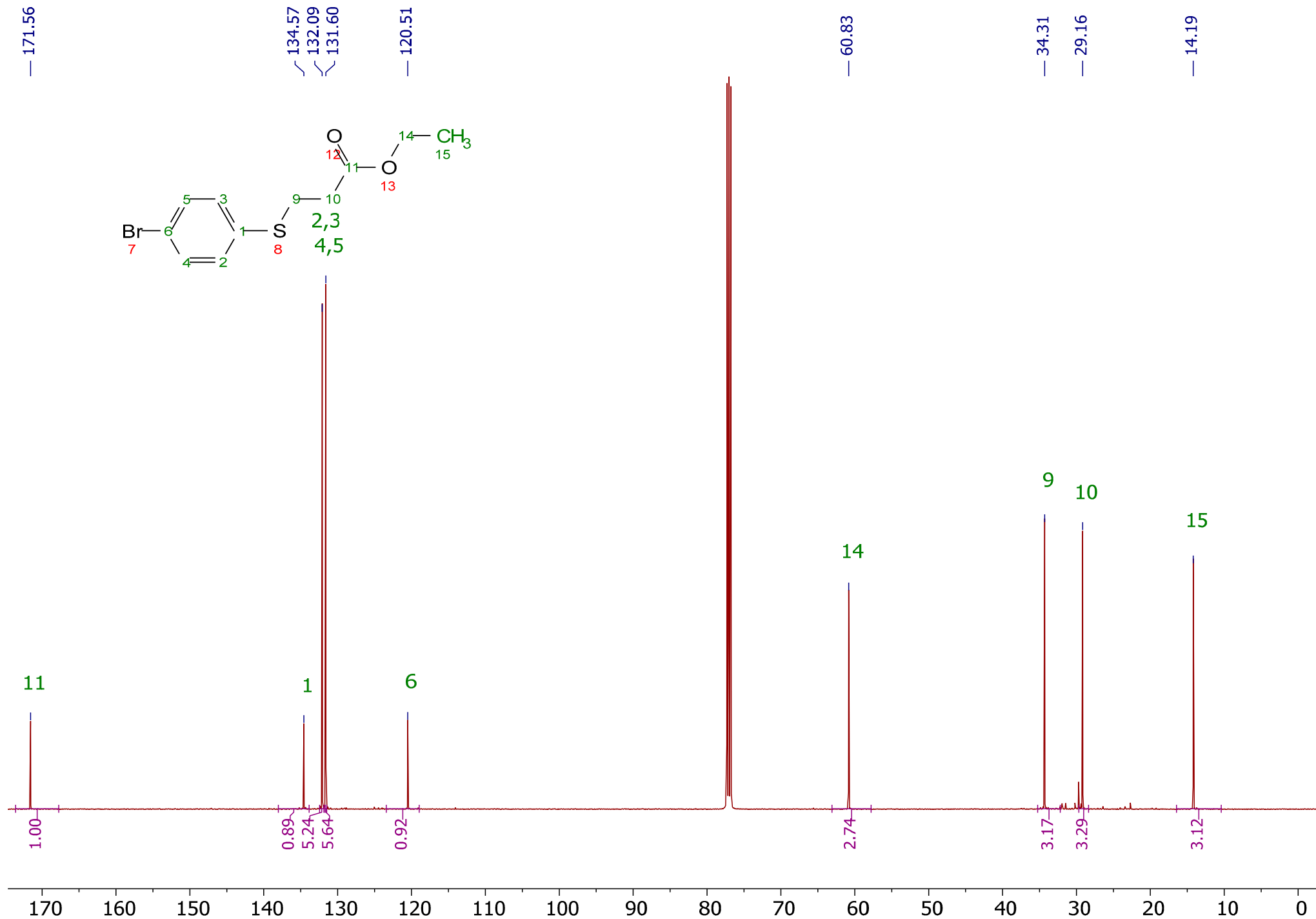
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1.27
1.27

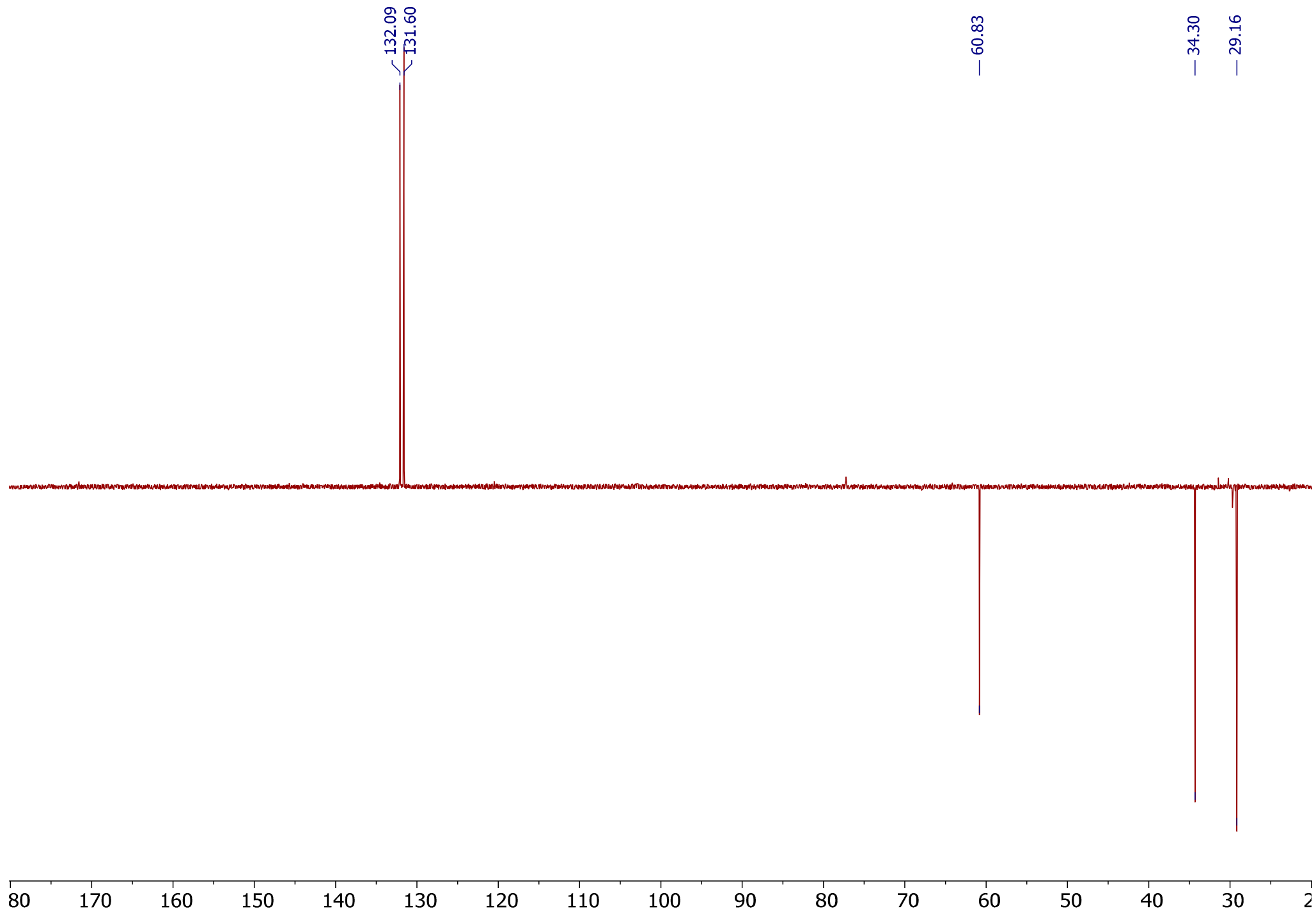


(3i) Ethyl 3-((4-bromophenyl)thio)propanoate



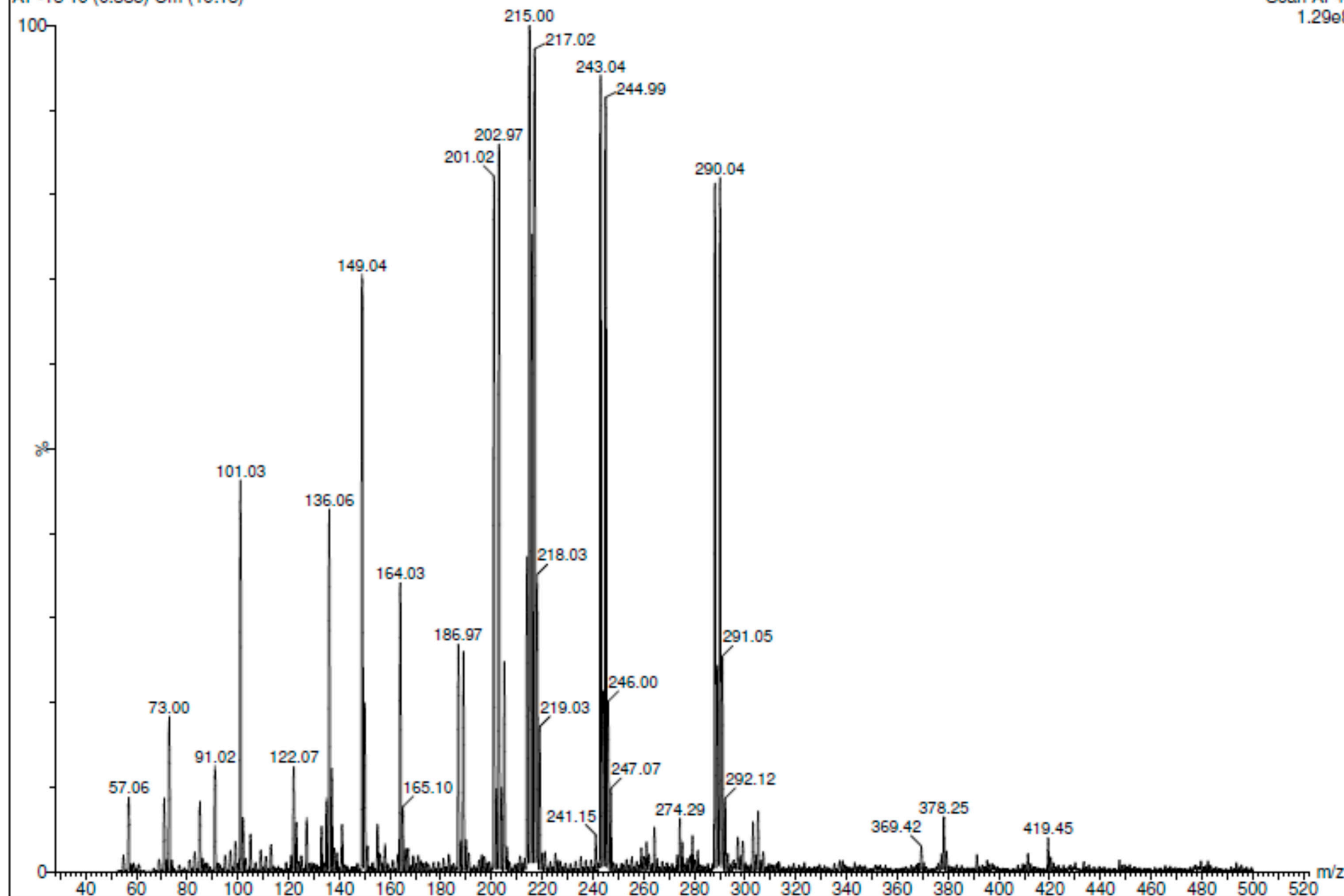




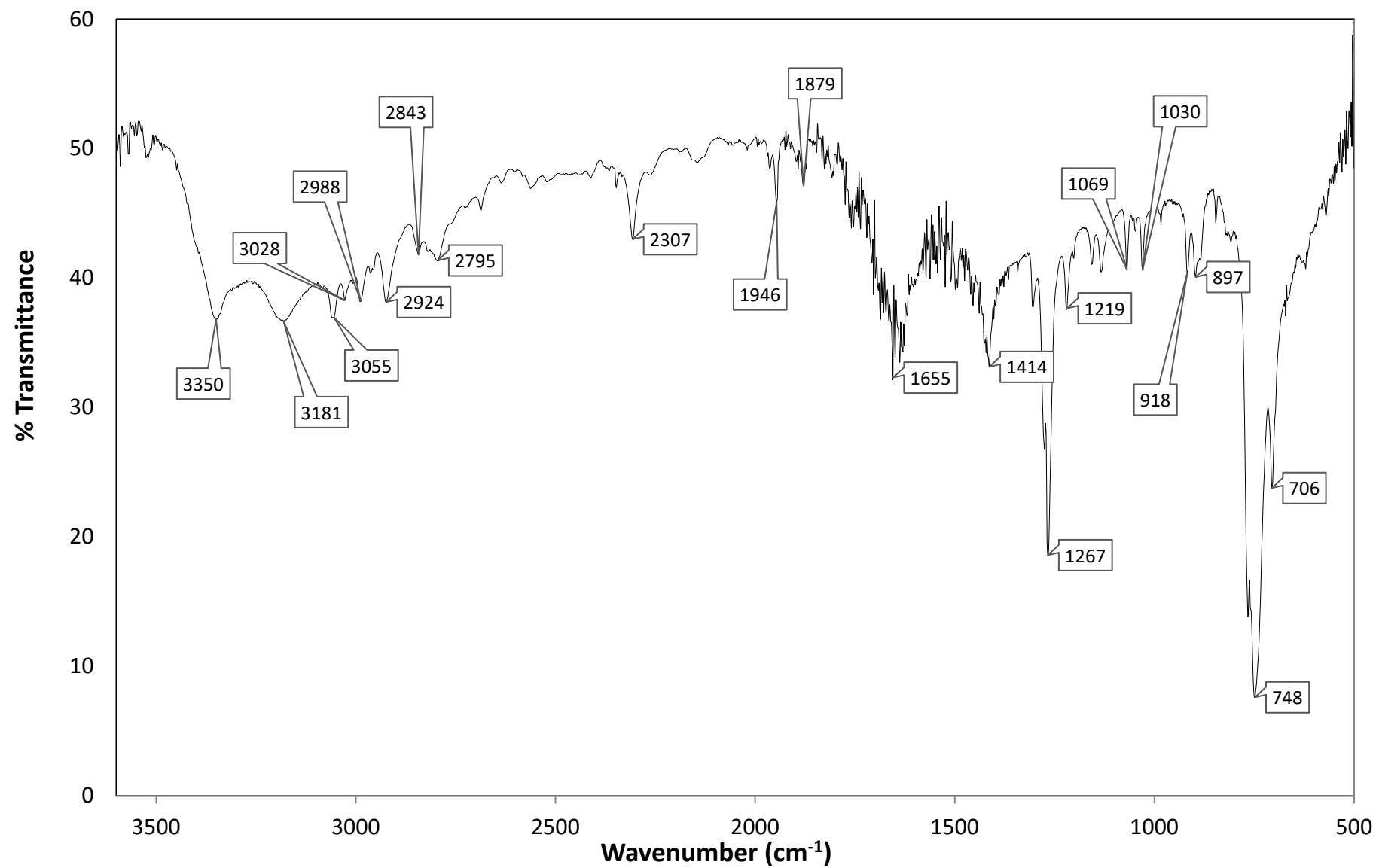


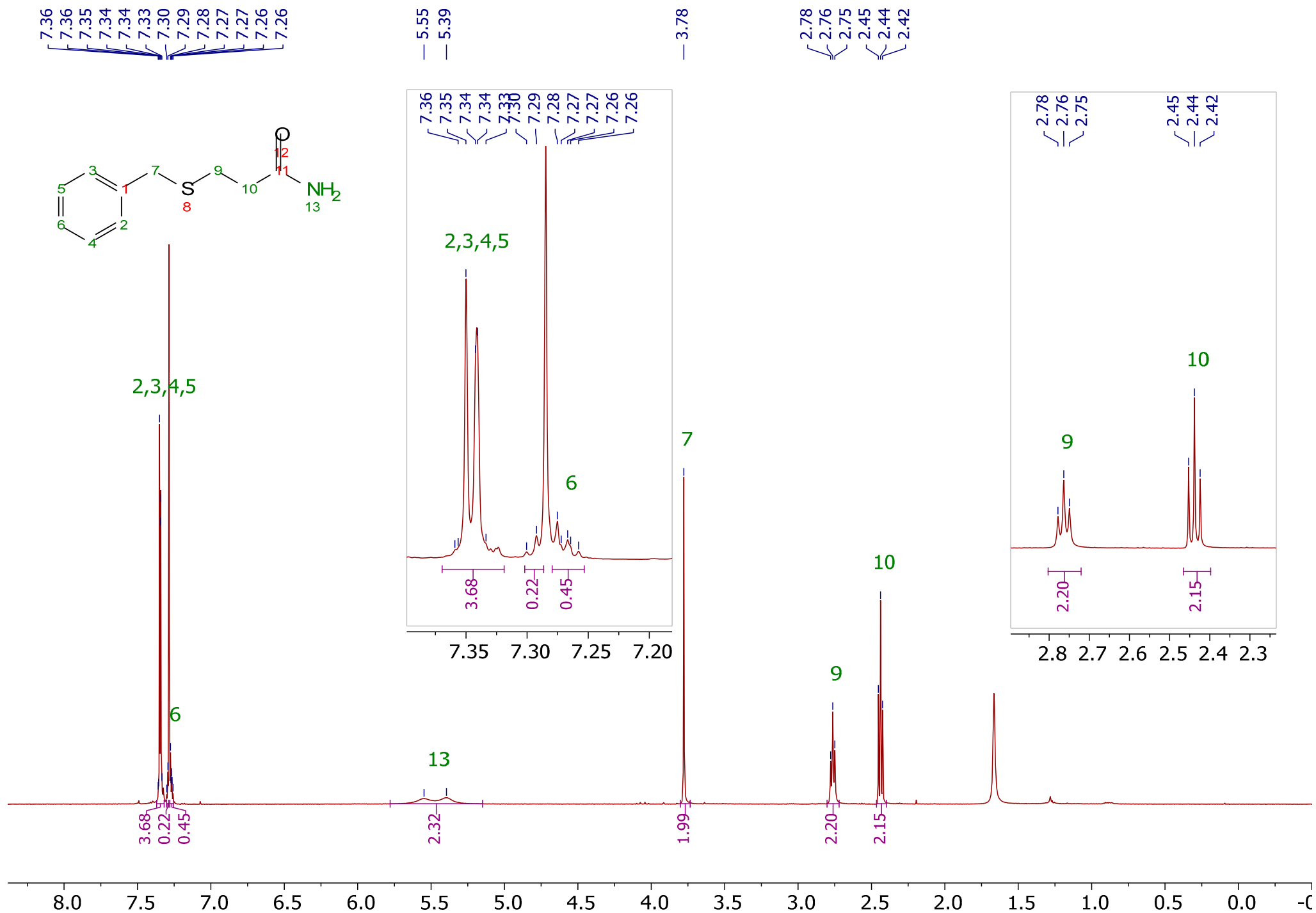
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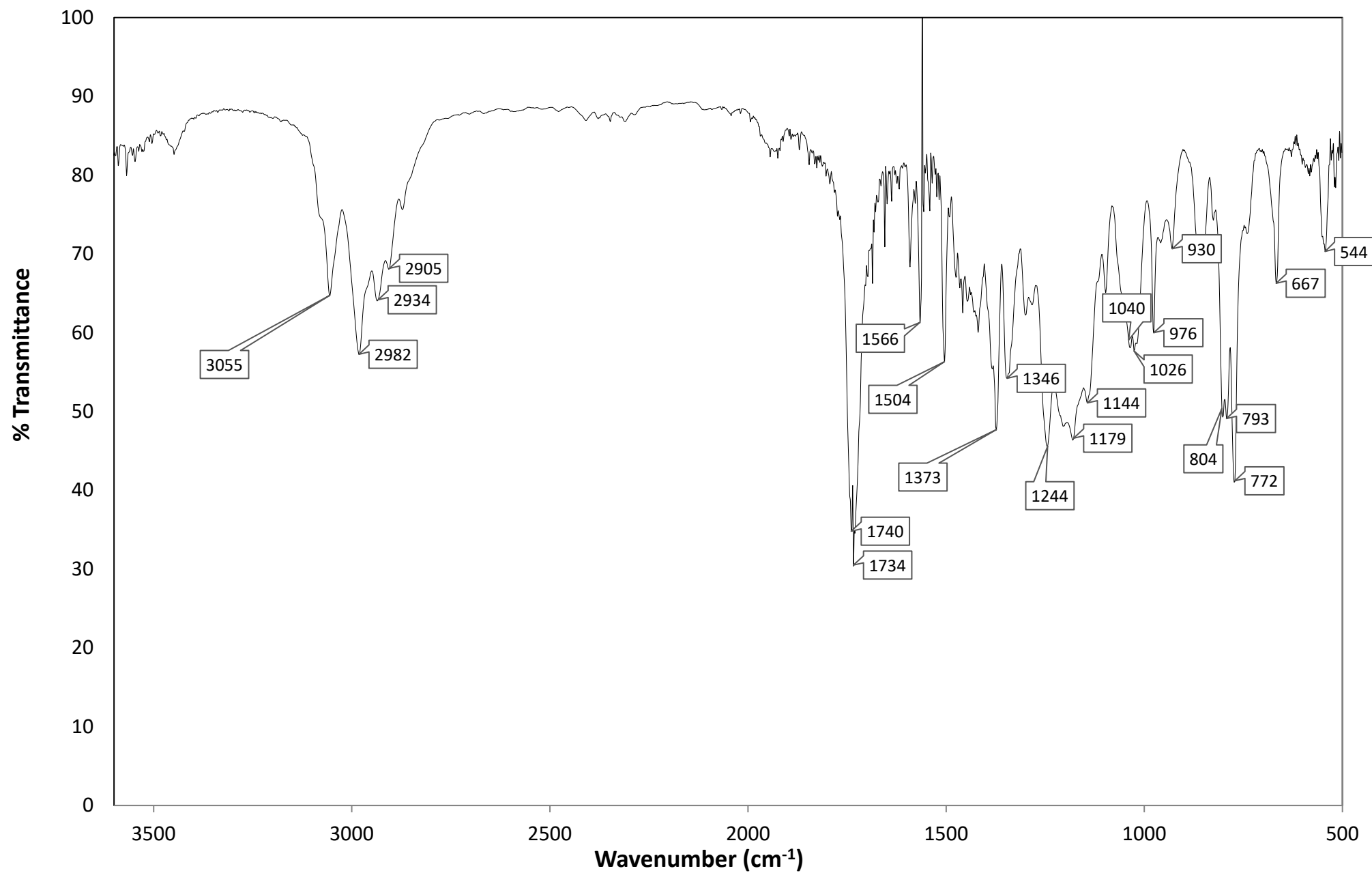


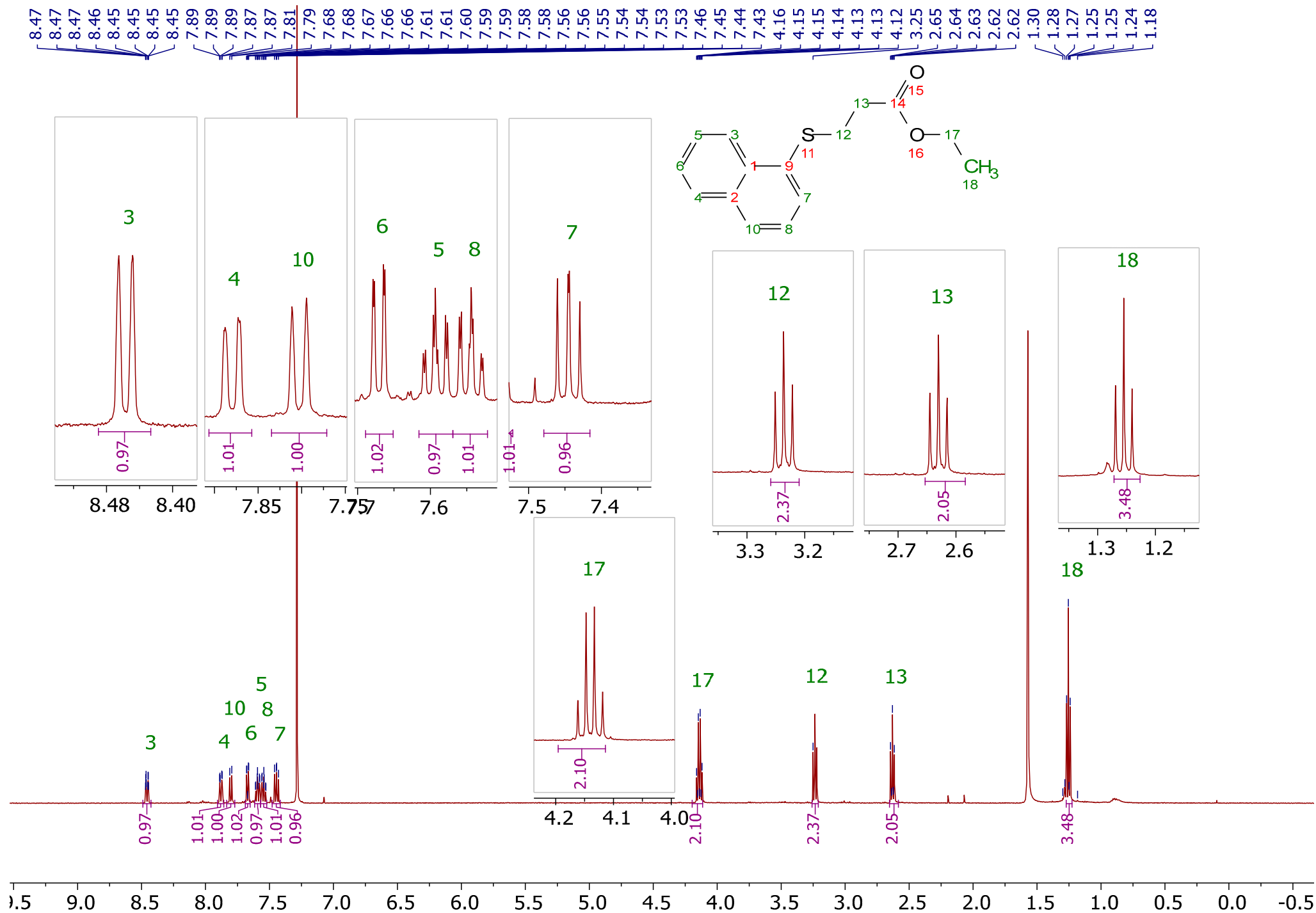
(3i) 3-(benzylthio)propenamide

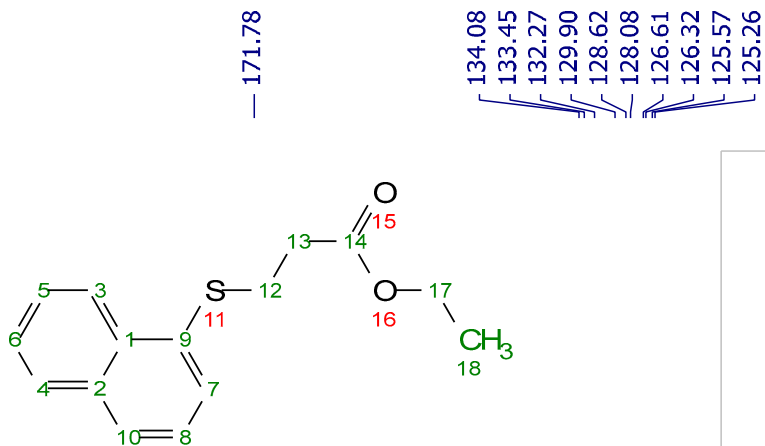




(3k) ethyl 3-(naphthalen-1-ylthio)propanoate







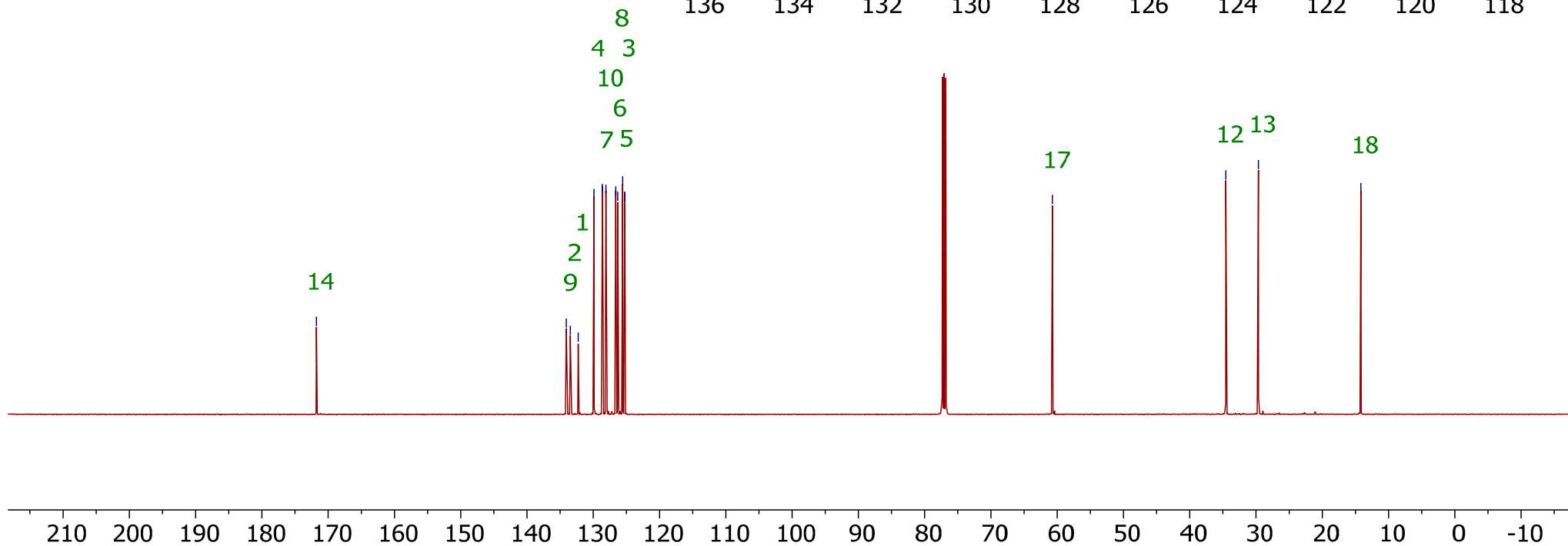
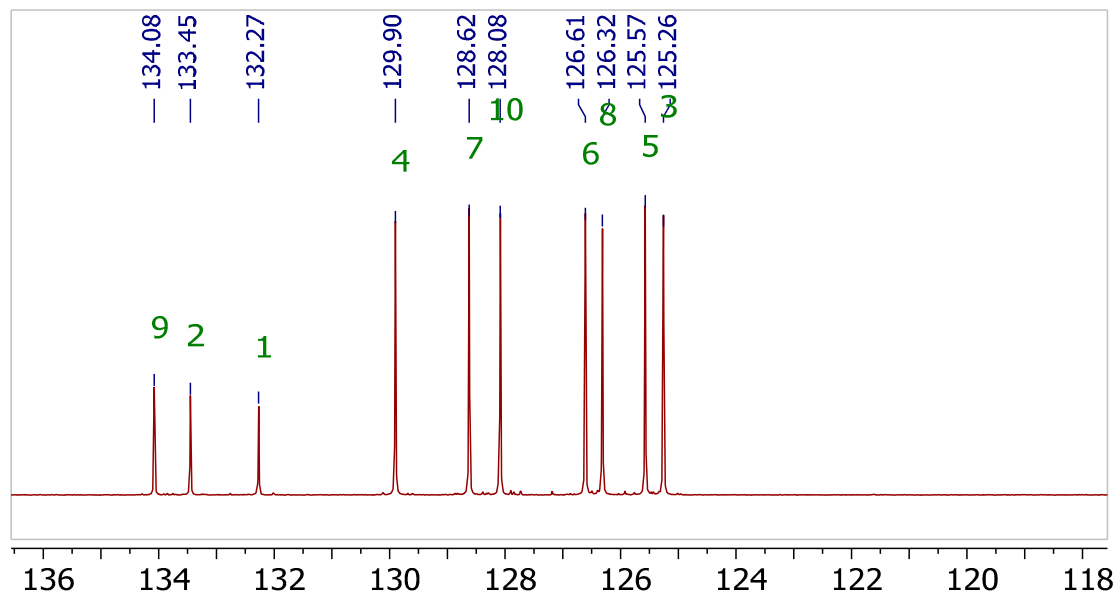
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133.45
132.27
129.90
128.62
128.08
126.61
126.32
125.57
125.26

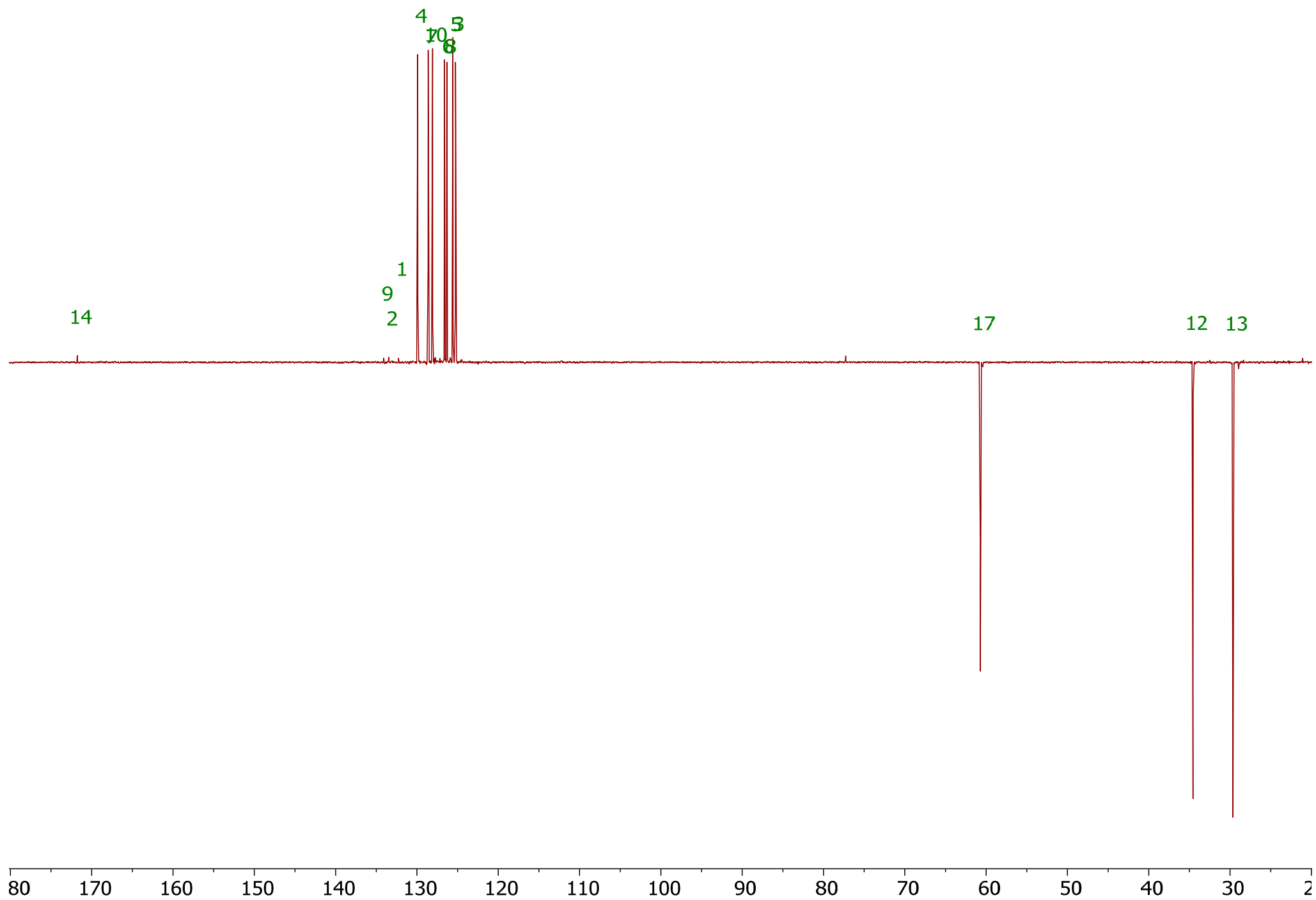
60.72

34.56

29.64

14.19





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