

Supporting Information
for
**Reductions of aldehydes and ketones with a readily available
N-heterocyclic carbene borane and acetic acid**

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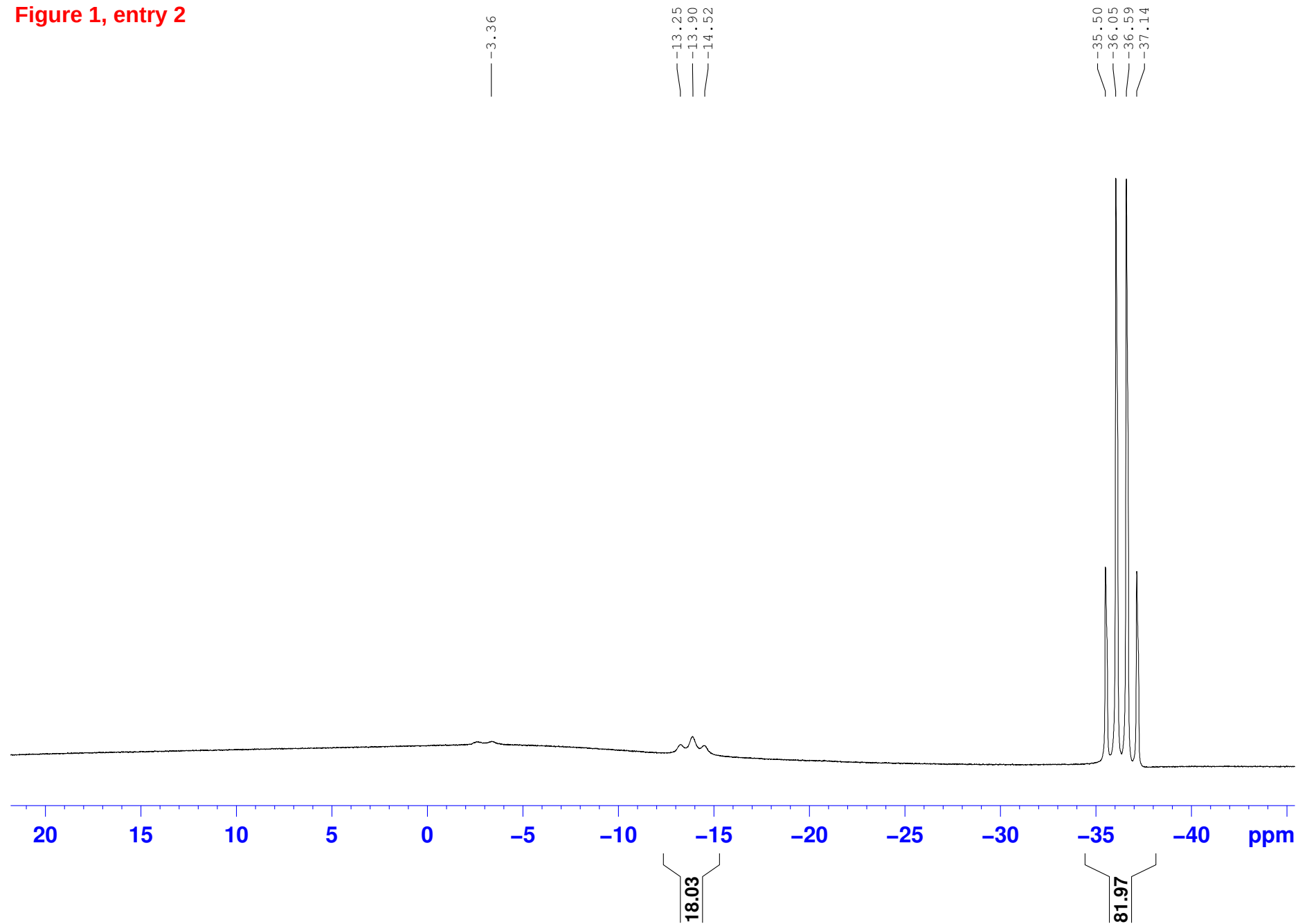
NMR spectra of all products

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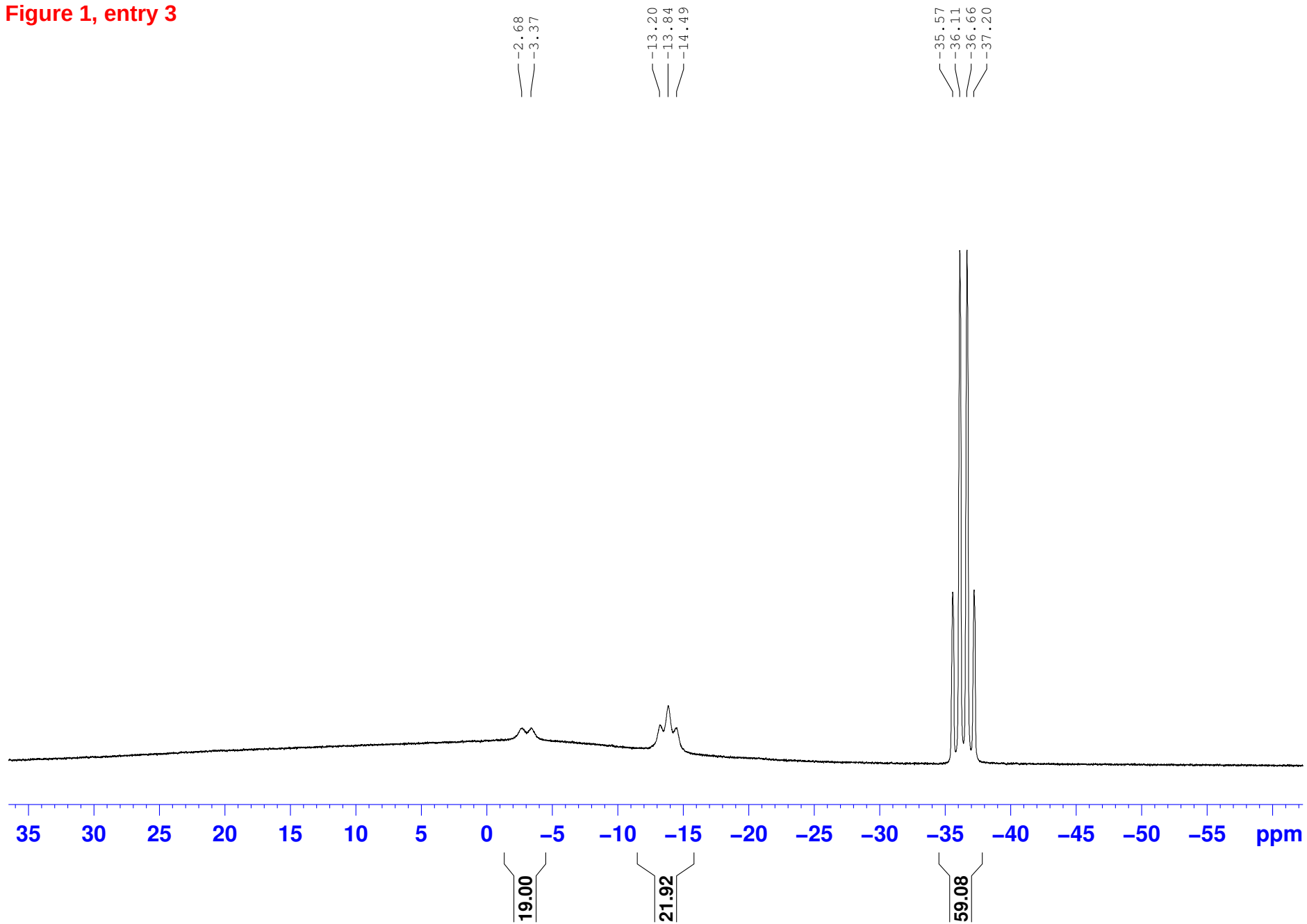
Copies of ¹¹ B NMR spectra of boron products from Figure 1.....	S2
Copies of ¹ H NMR spectra of isolated reduction products.....	S7

The experimental procedures for aldehyde and ketone reductions are described at the end of the paper. All of the resulting alcohols are known compounds. The ¹H NMR spectra of the isolated alcohols (after automated flash chromatography) are included to show the quality of the products obtained from the reductions in Table 1, Table 2, and Scheme 3.

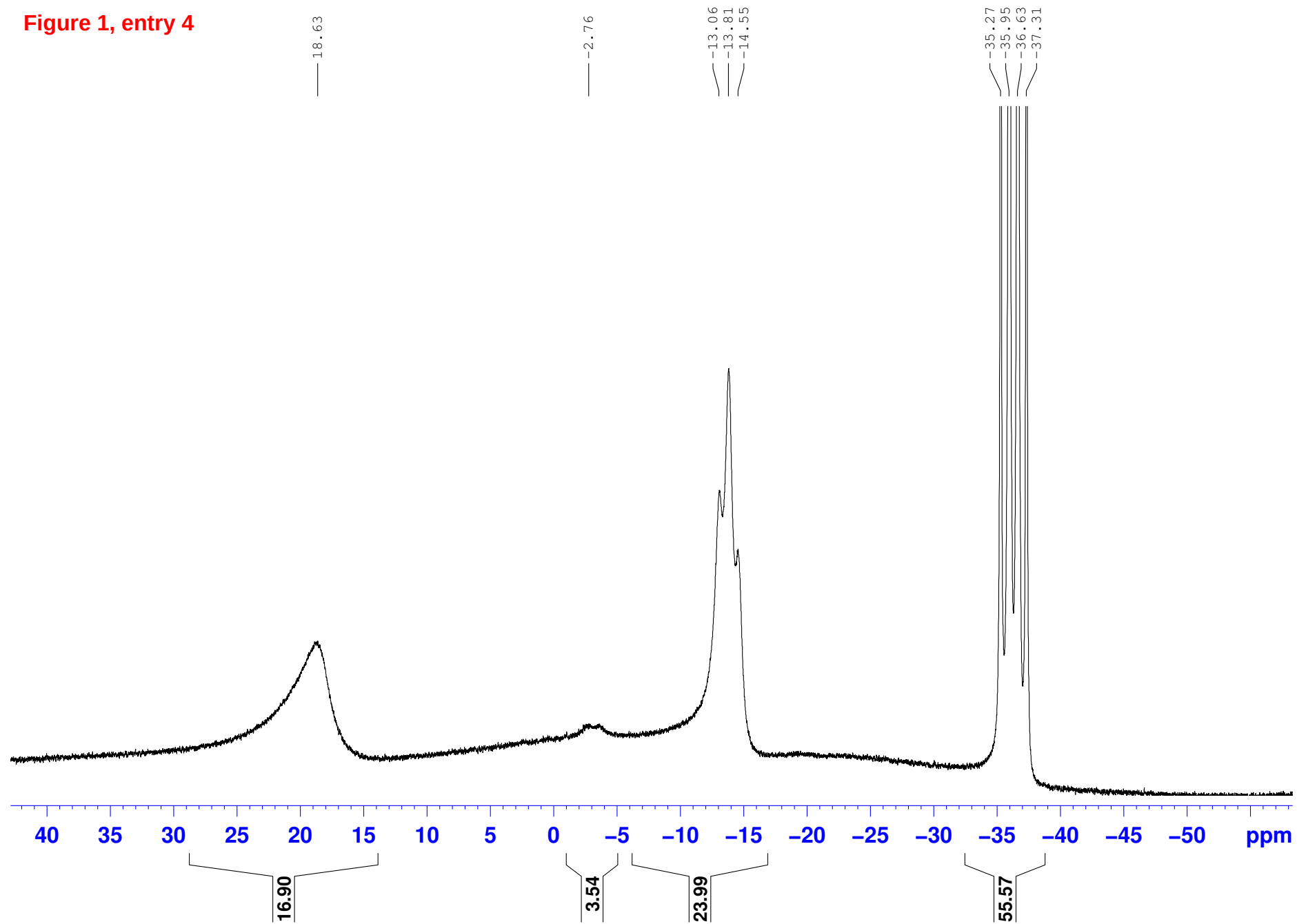
XP-98-43, 1 d, 11B, C6D6, 500, 2/7/2012

Figure 1, entry 2

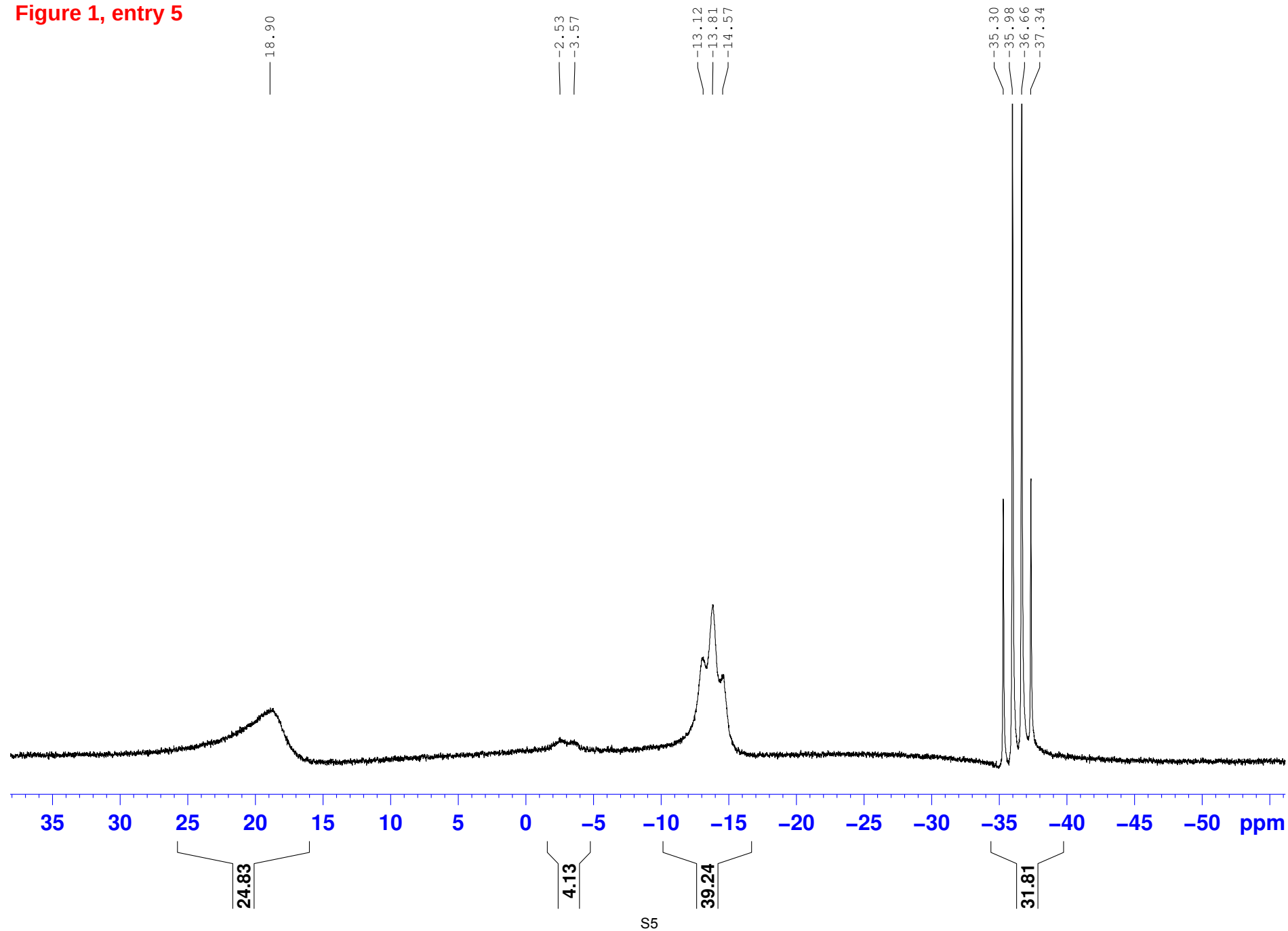
XP-98-43, 3 d, 11B, C6D6, 500, 2/10/2012

Figure 1, entry 3

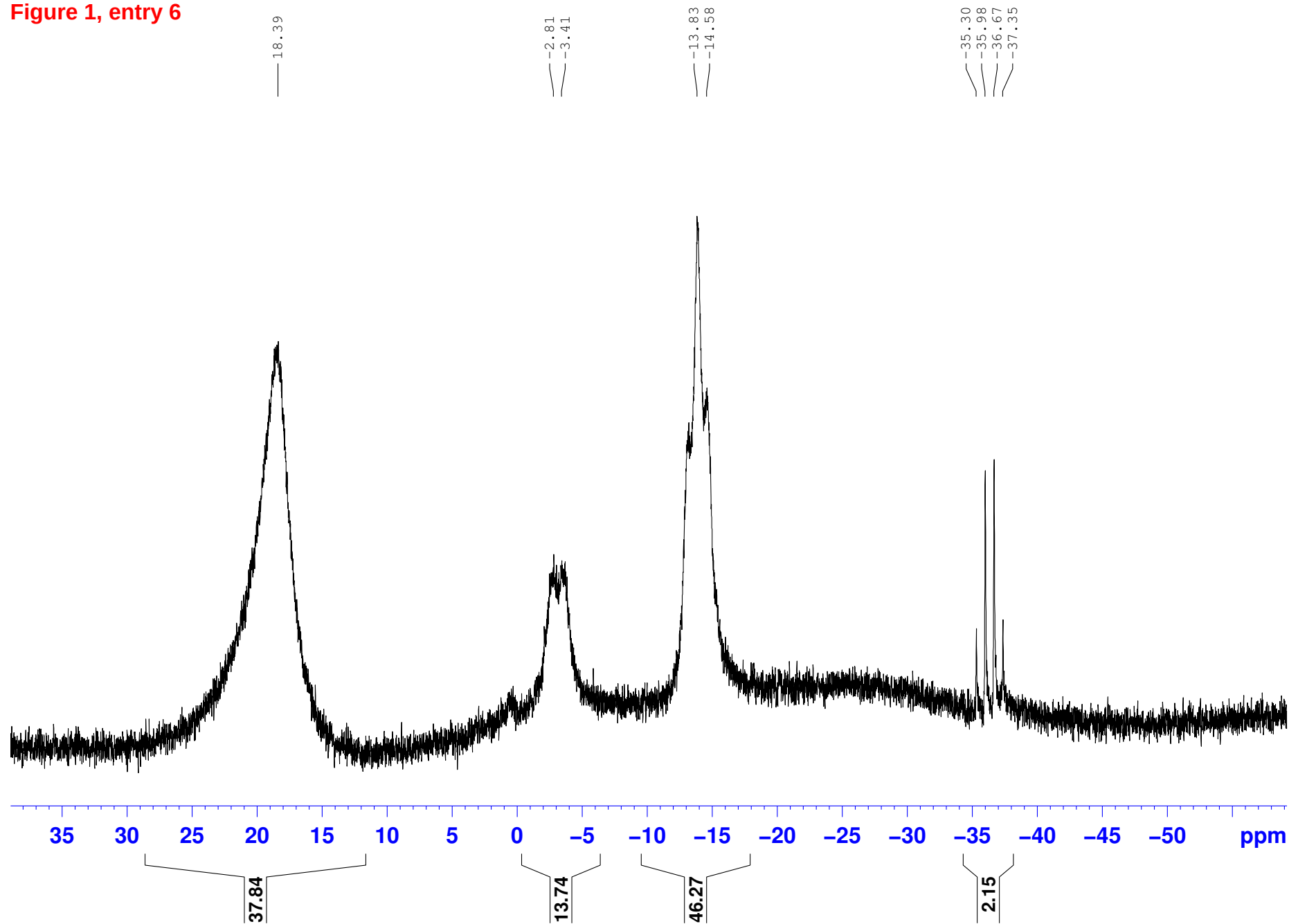
XP-118-81, C6D6, 400A, 1/21/2013

Figure 1, entry 4

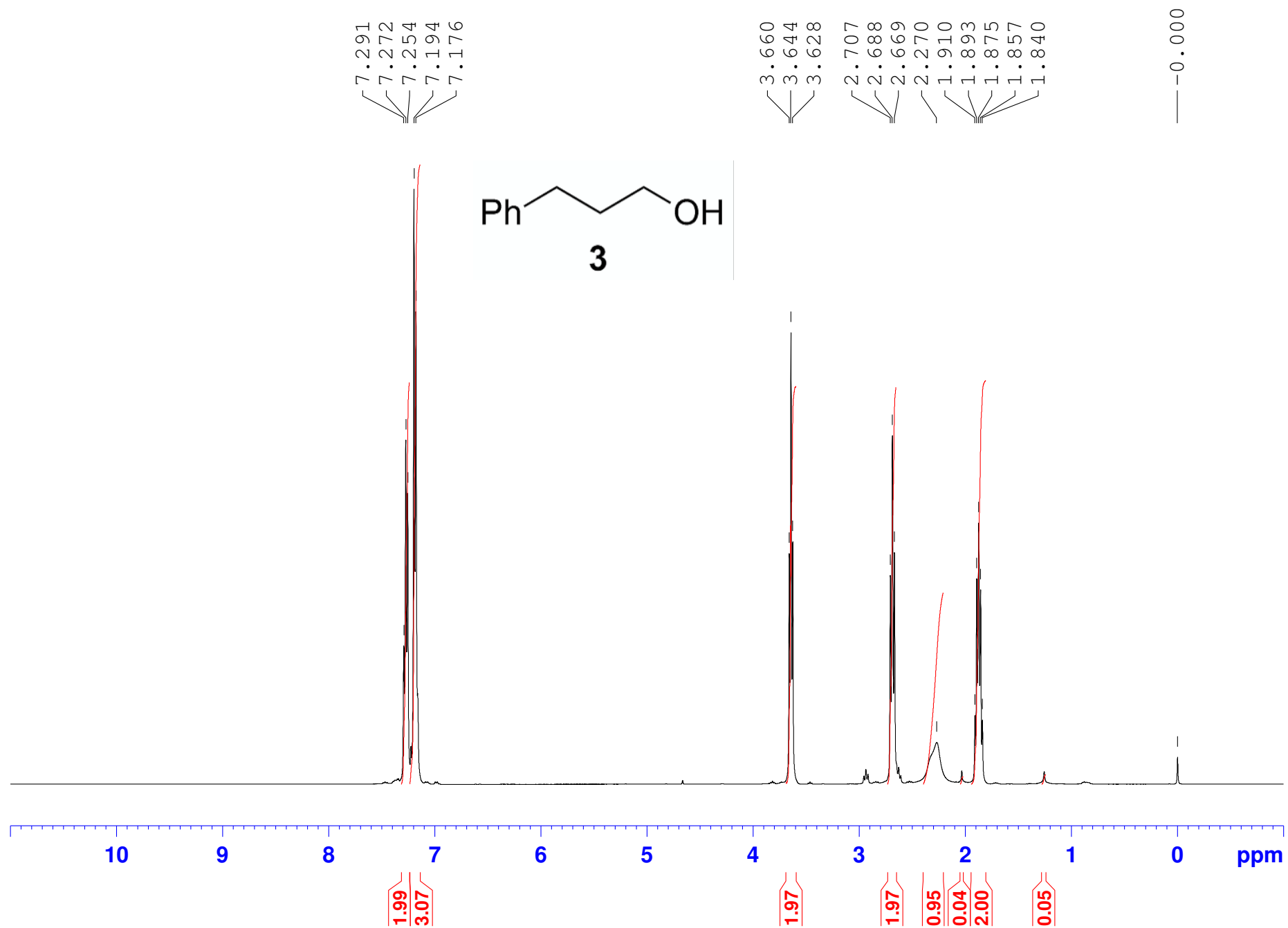
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Figure 1, entry 5

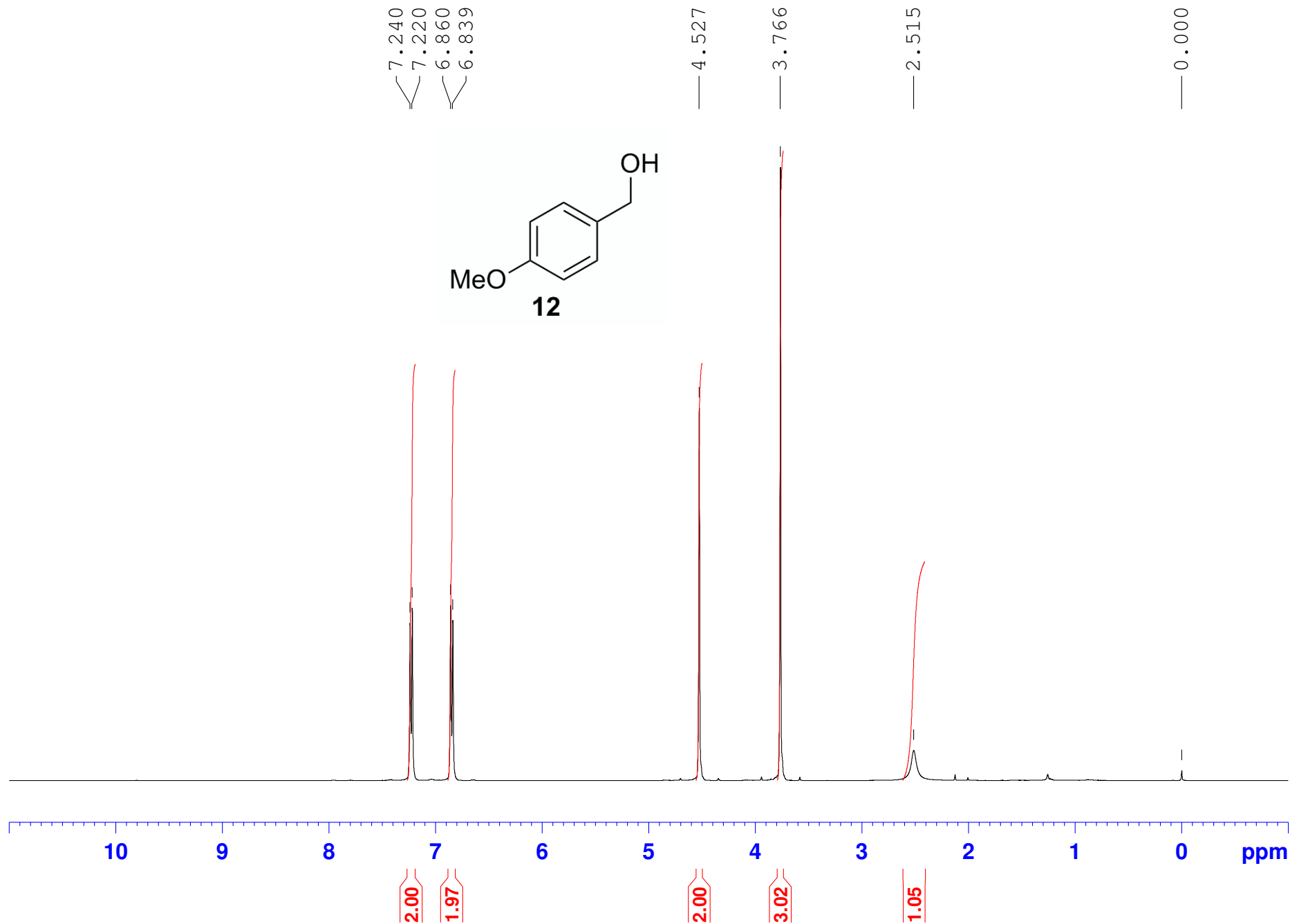
XP-118-83, 11B, C6D6, 400A, 1/21/2013

Figure 1, entry 6

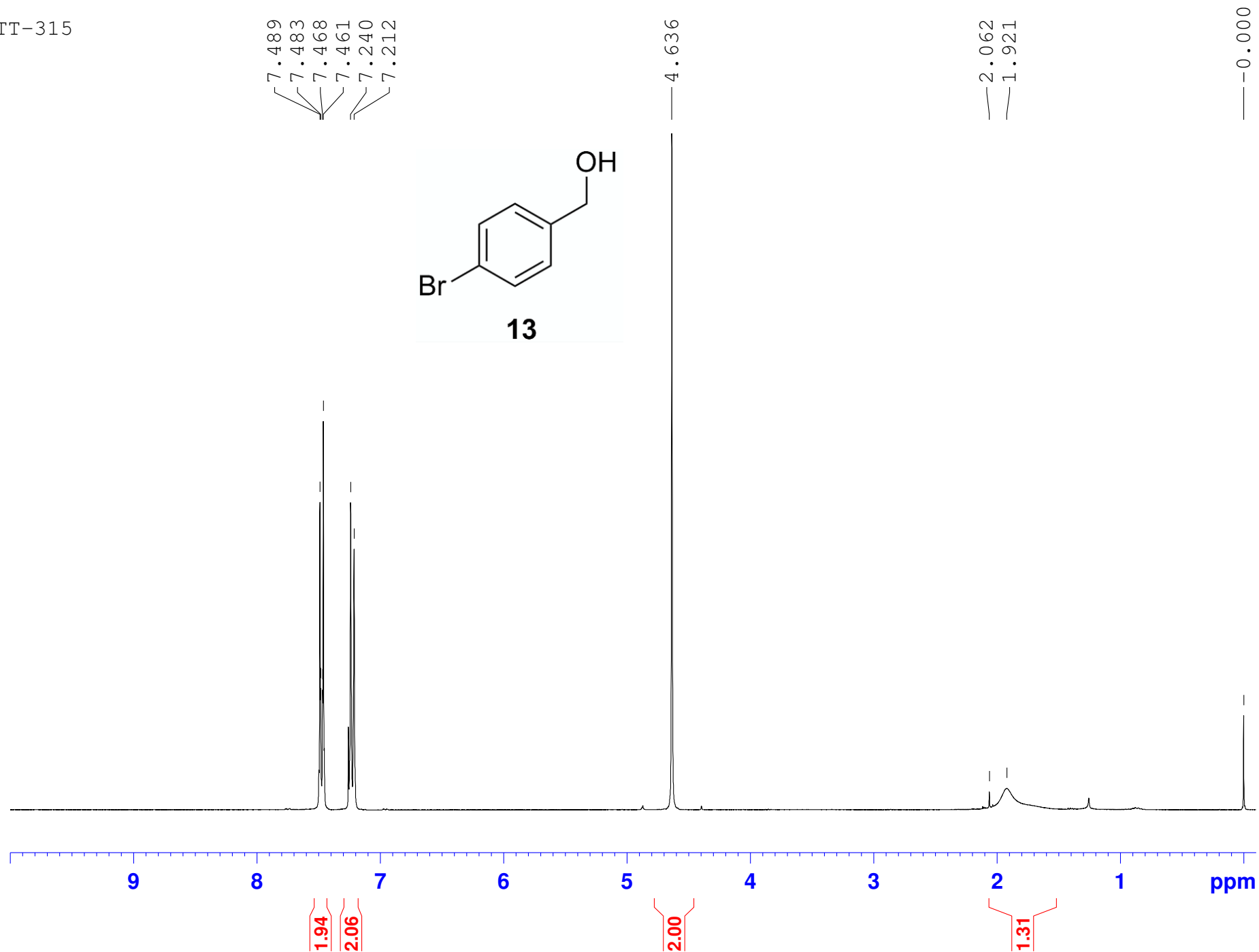
VL-39-70



VL-39-89



TT-315



TT-313

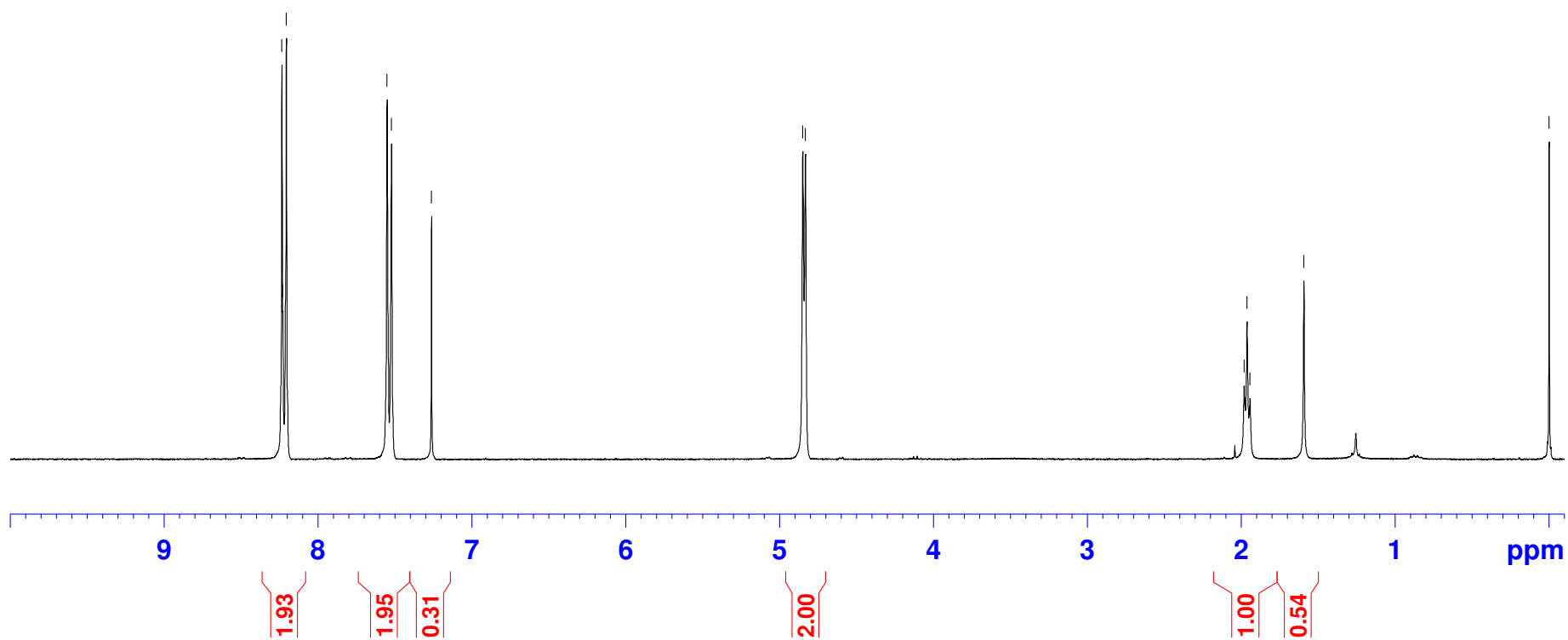
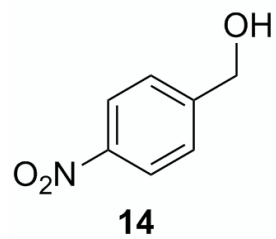
8.236
8.230
8.207

7.553
7.523
7.263

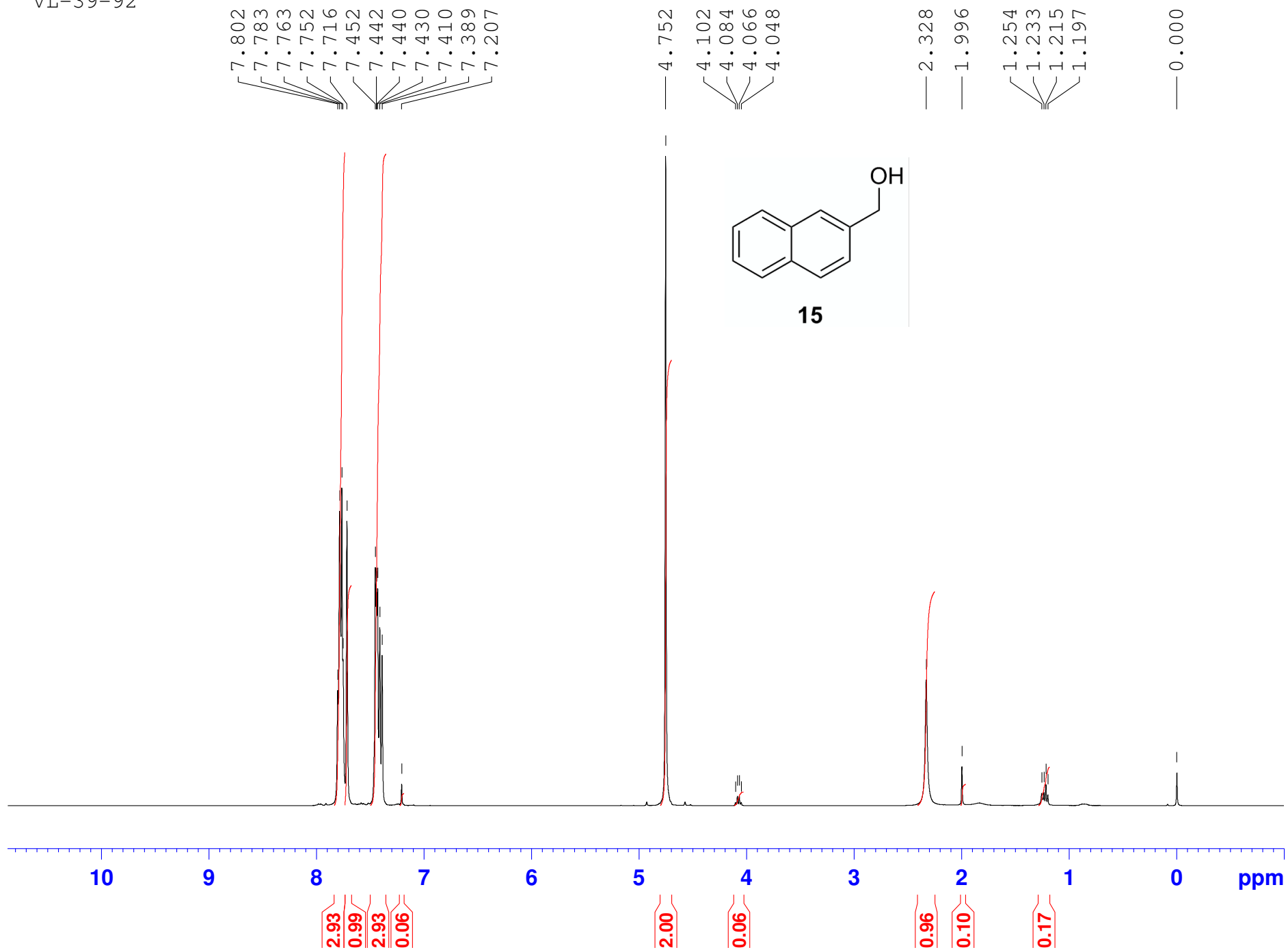
4.851
4.833

1.982
1.963
1.944
1.594

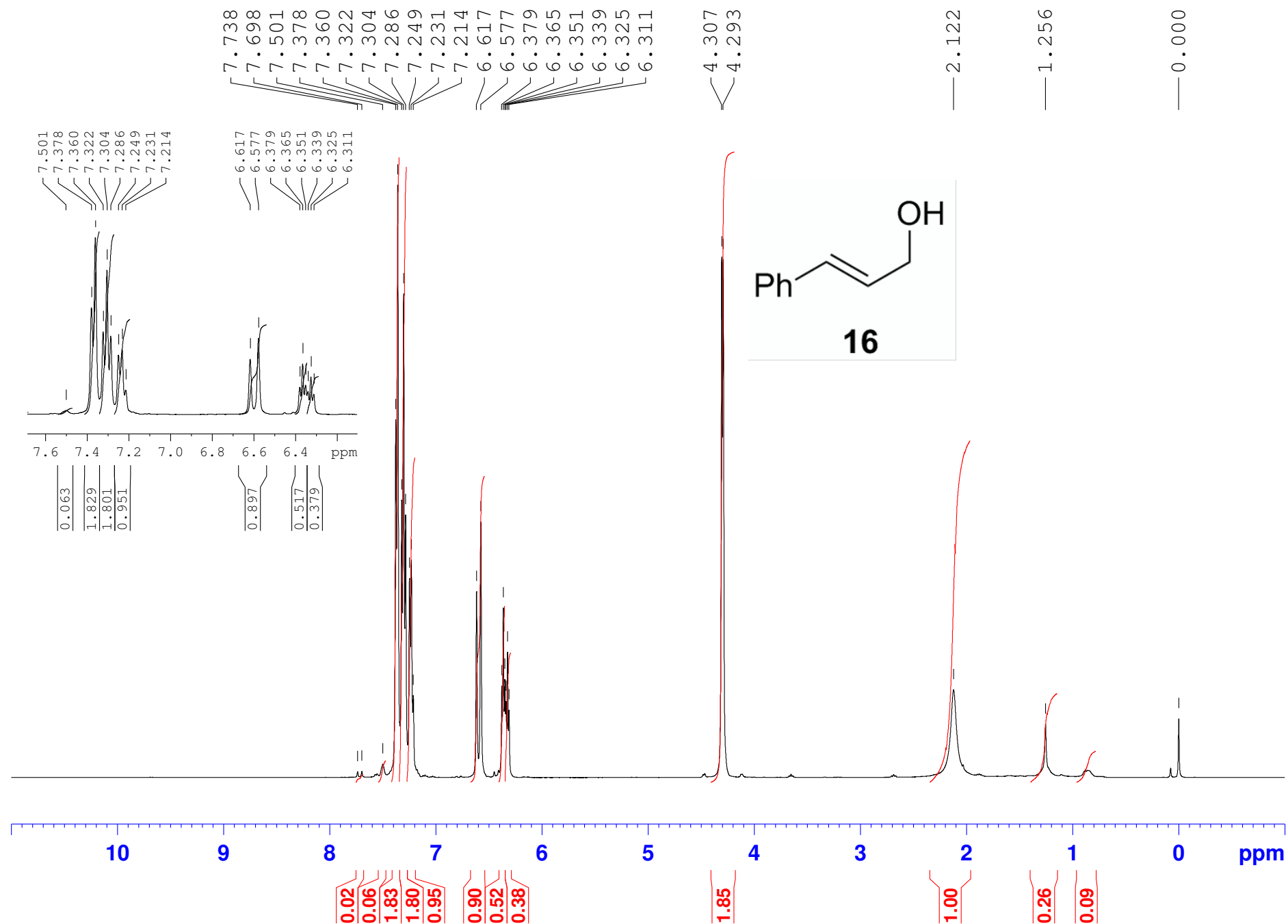
— 0.000



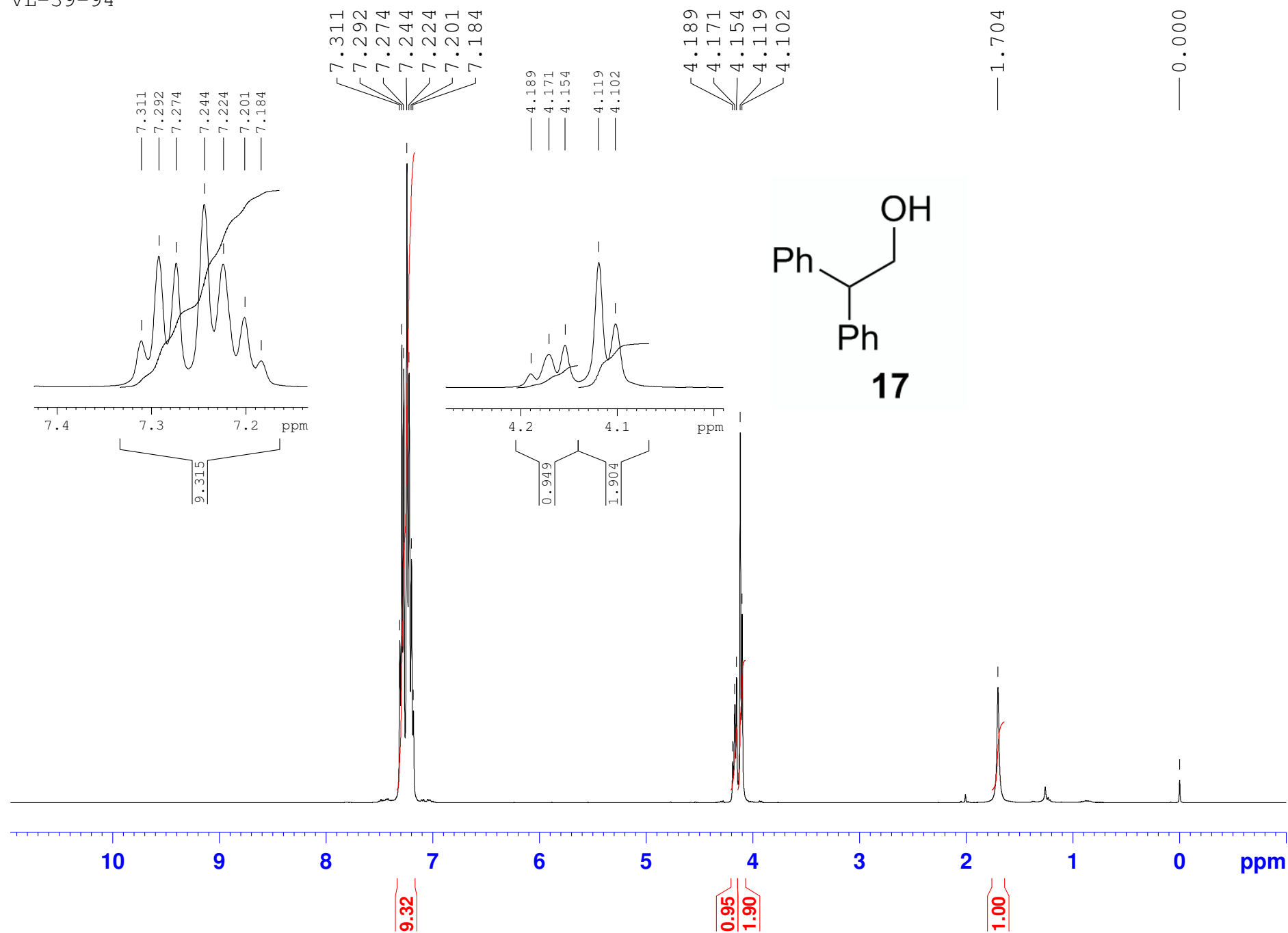
VL-39-92



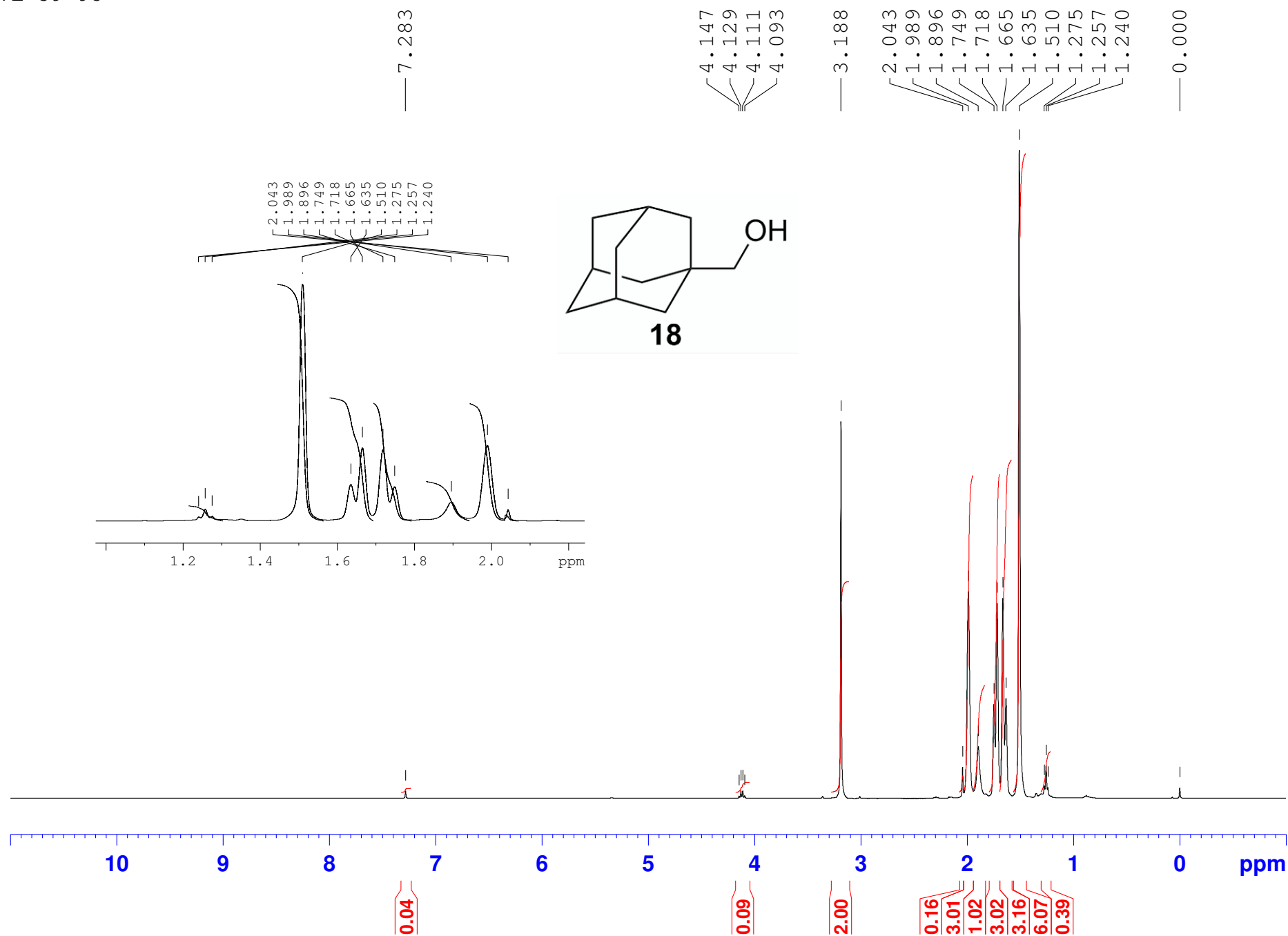
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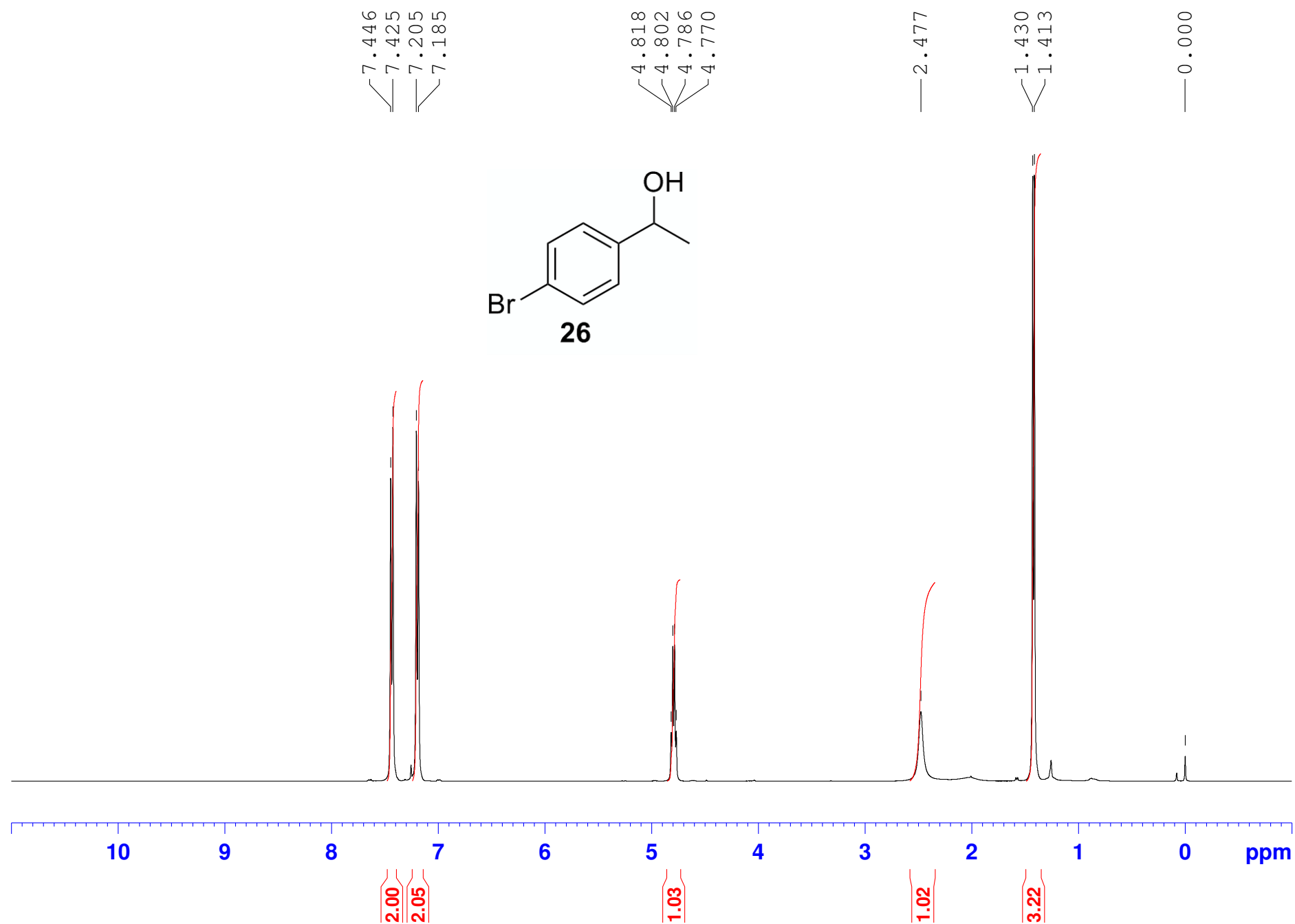
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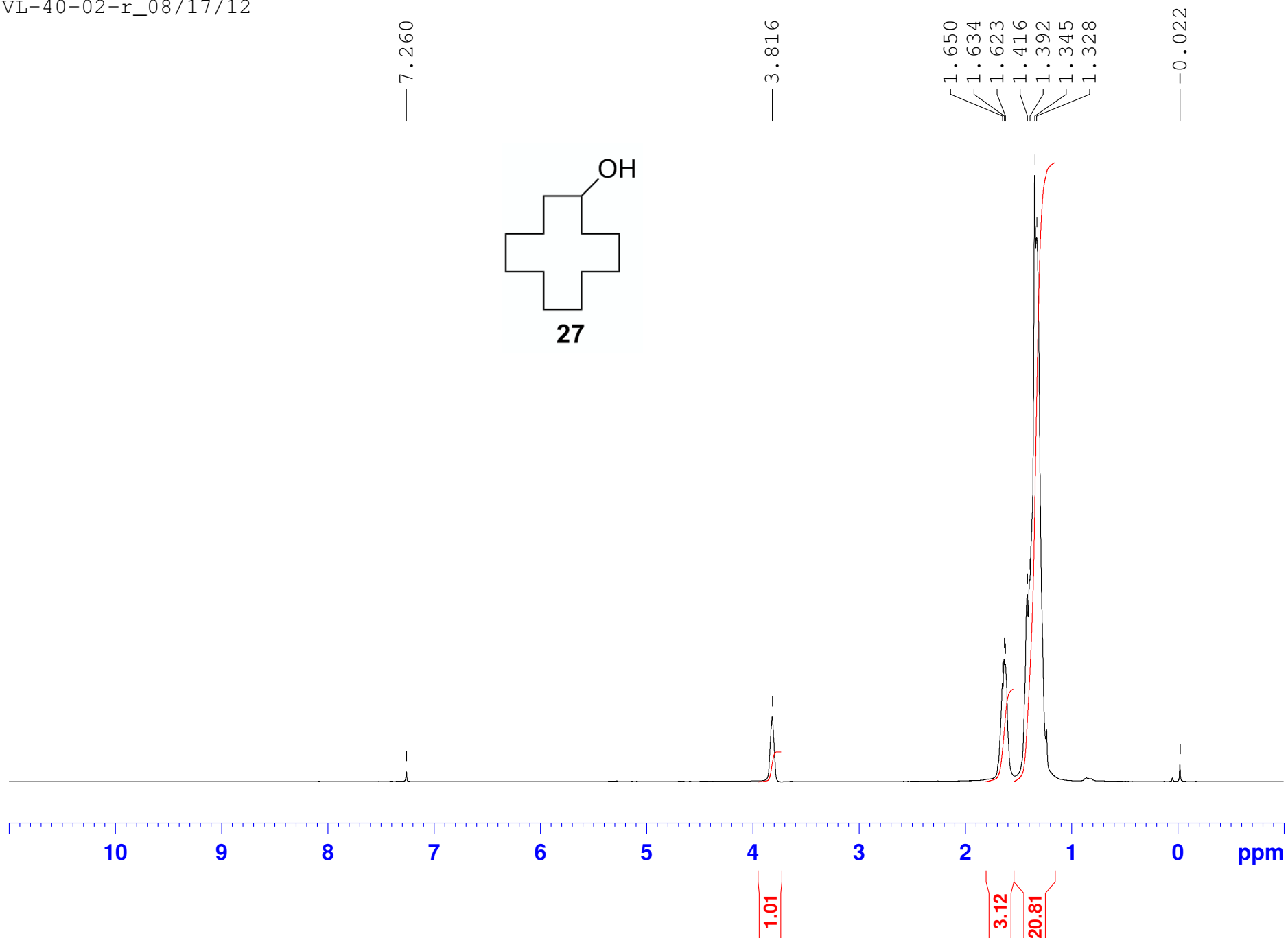
VL-39-95



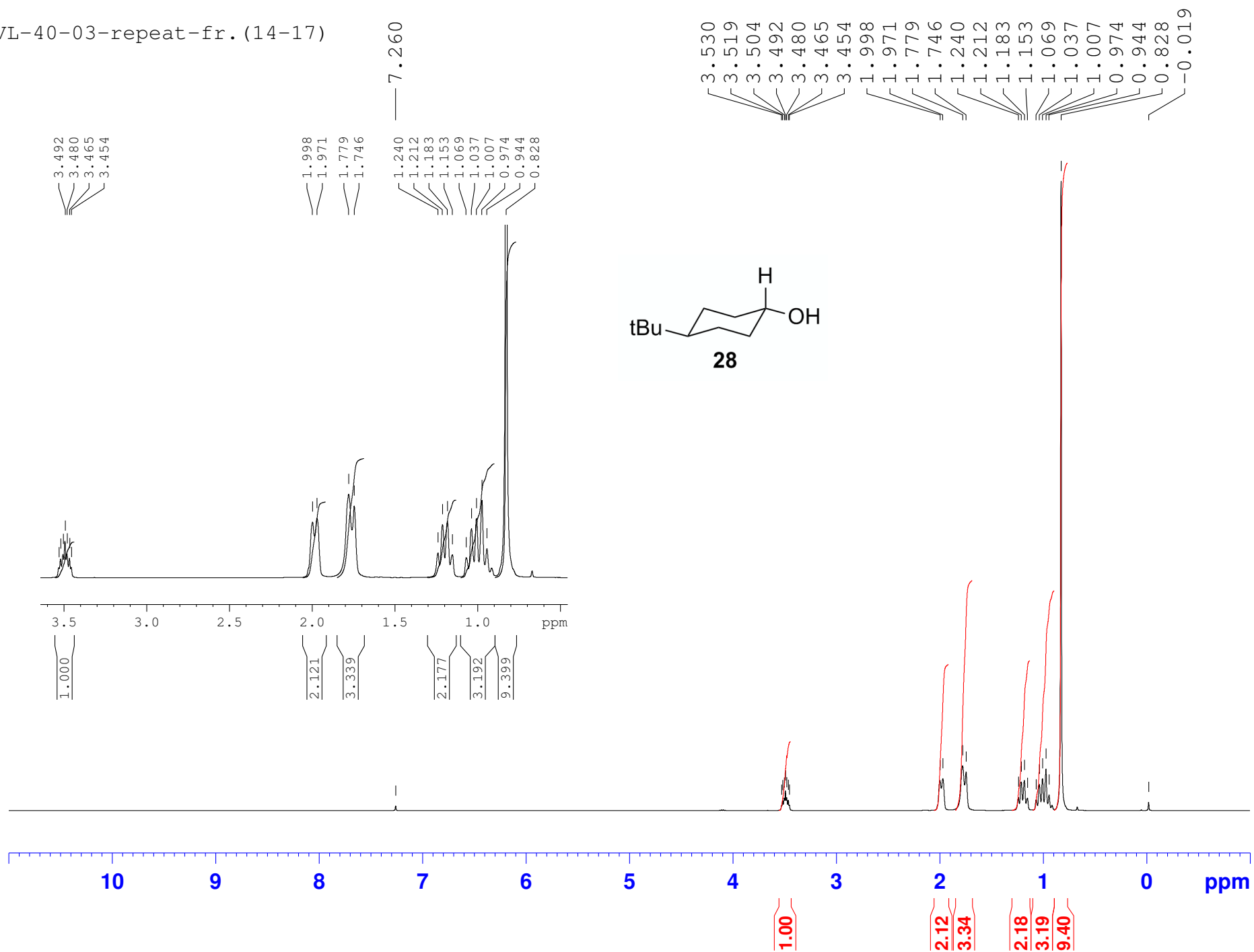
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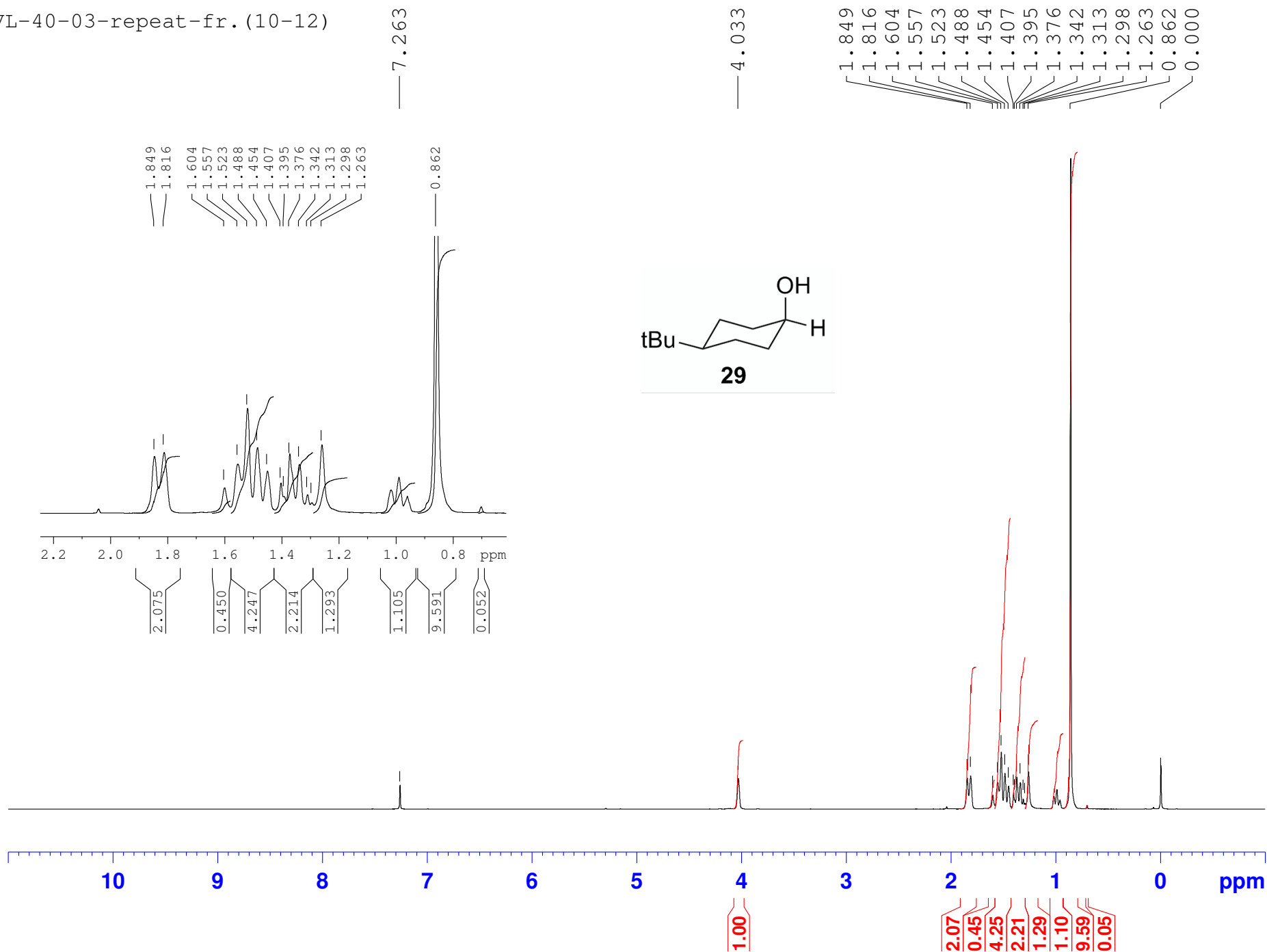
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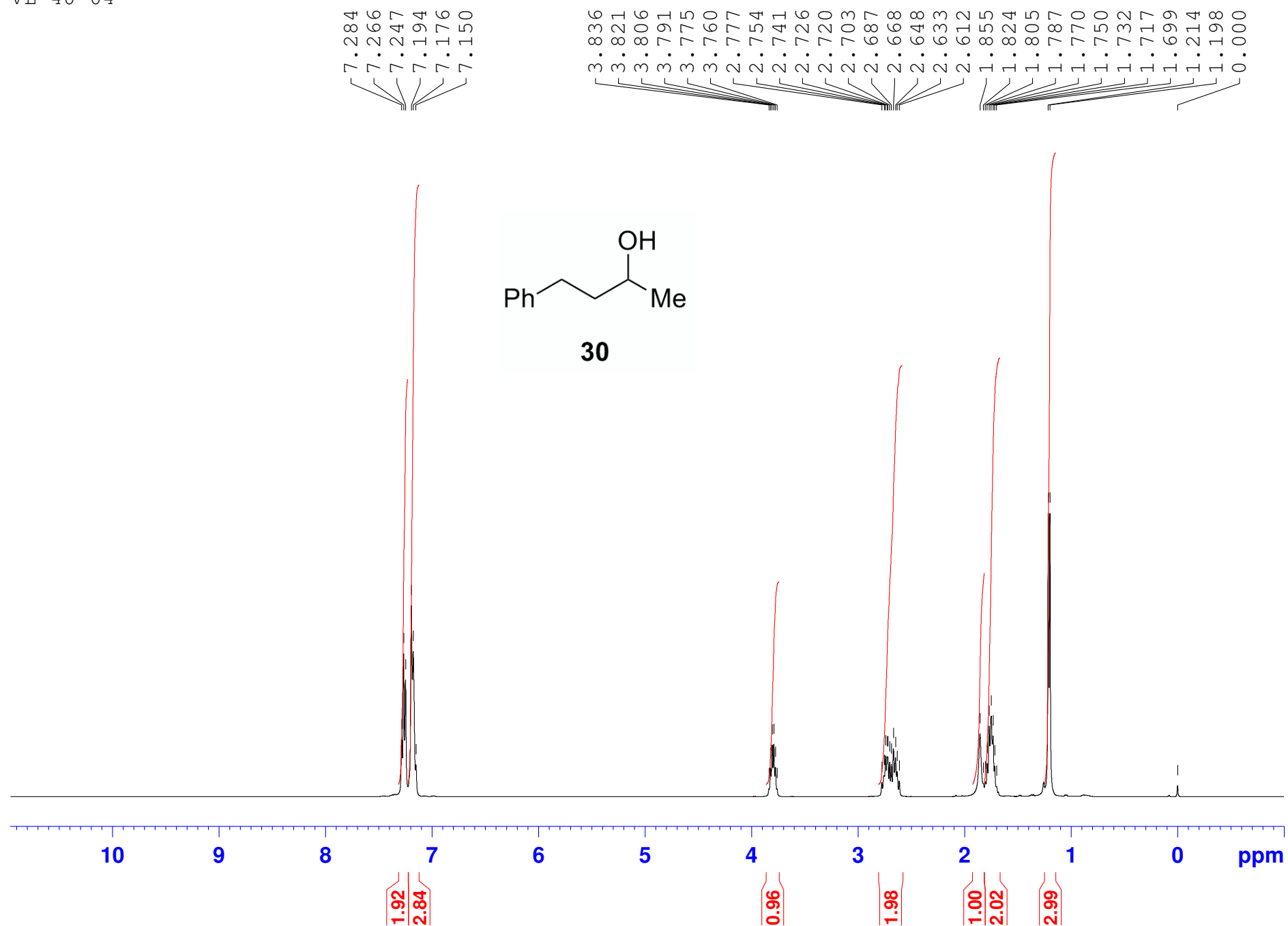
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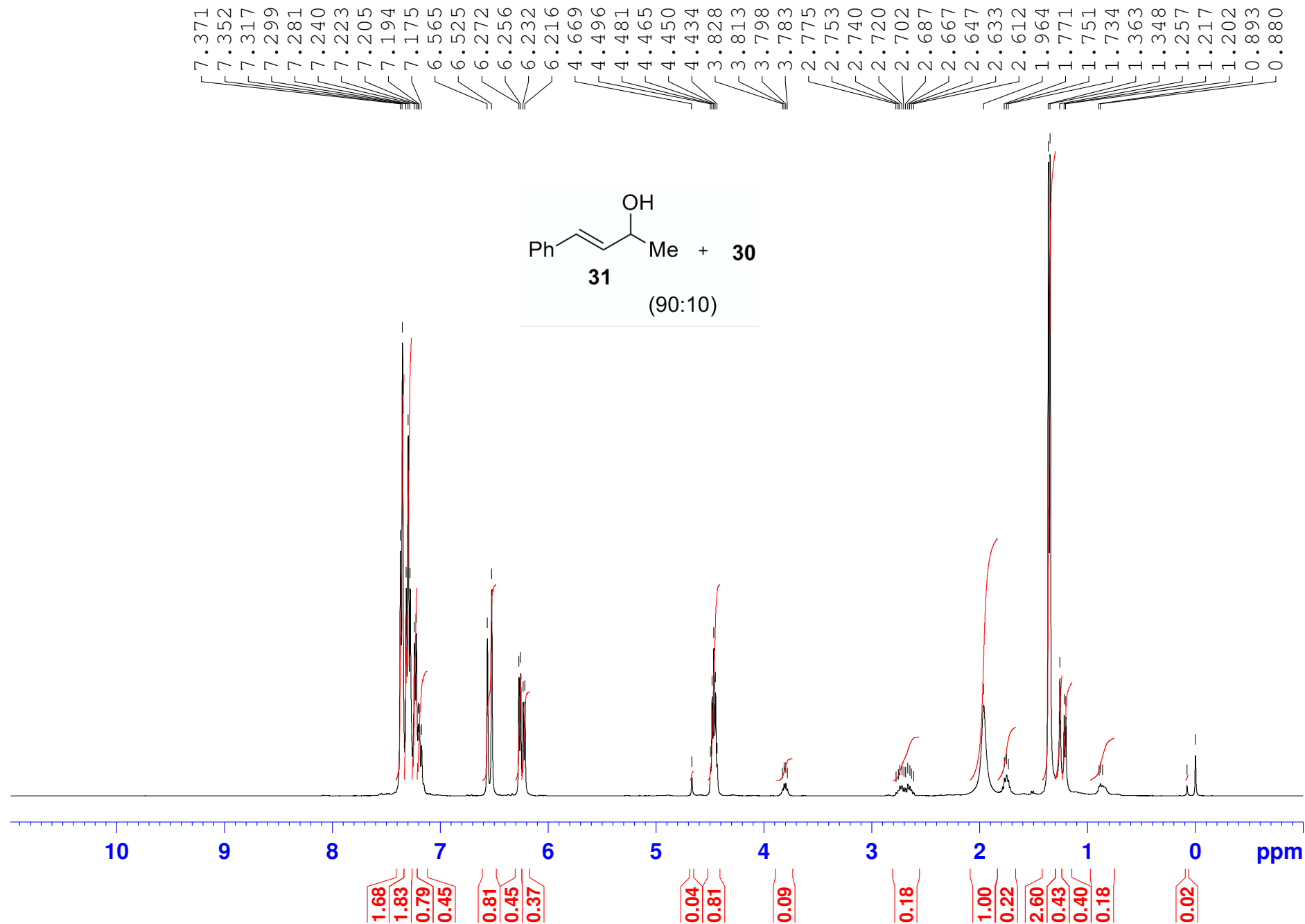
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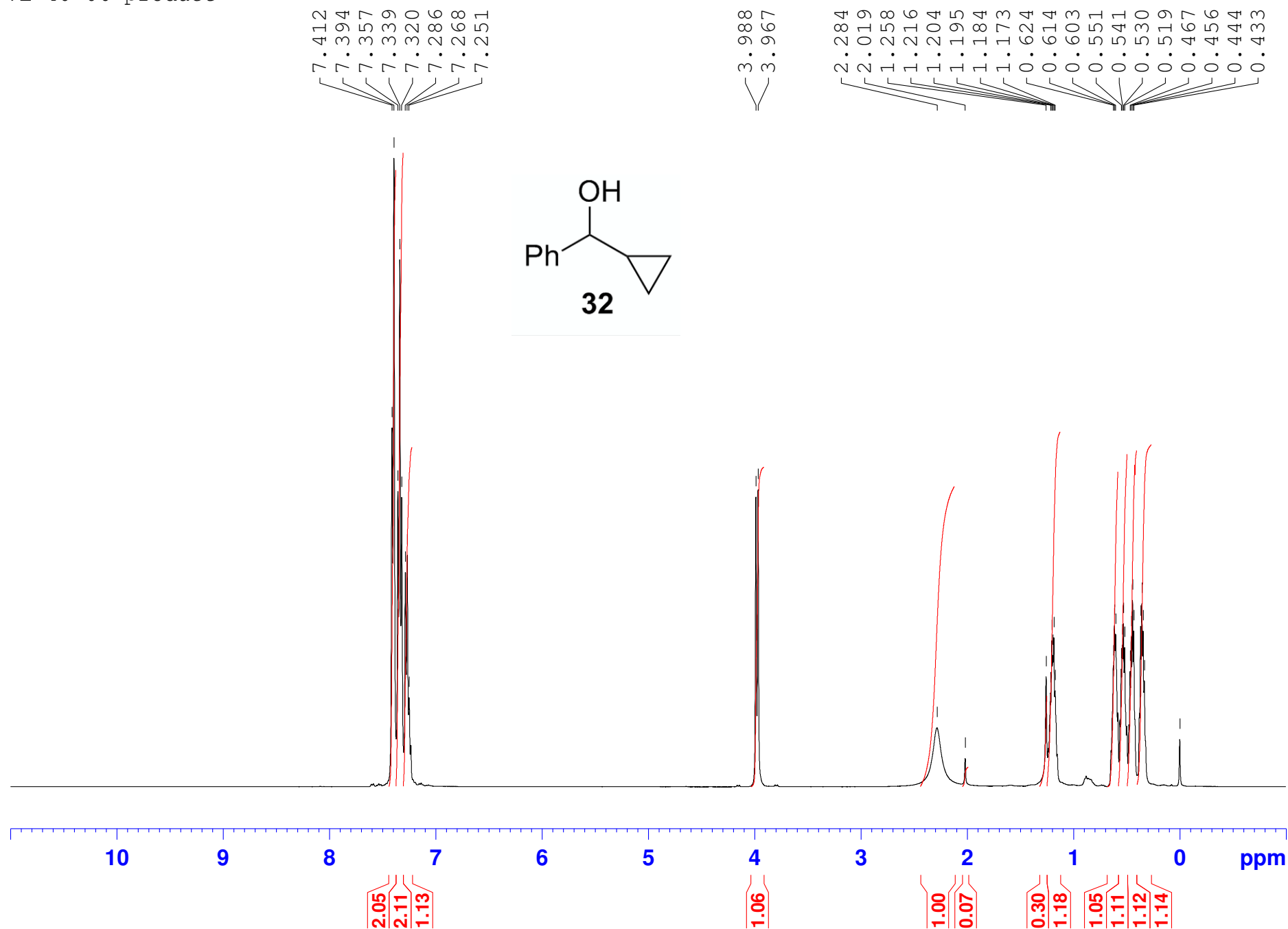
VL-40-04



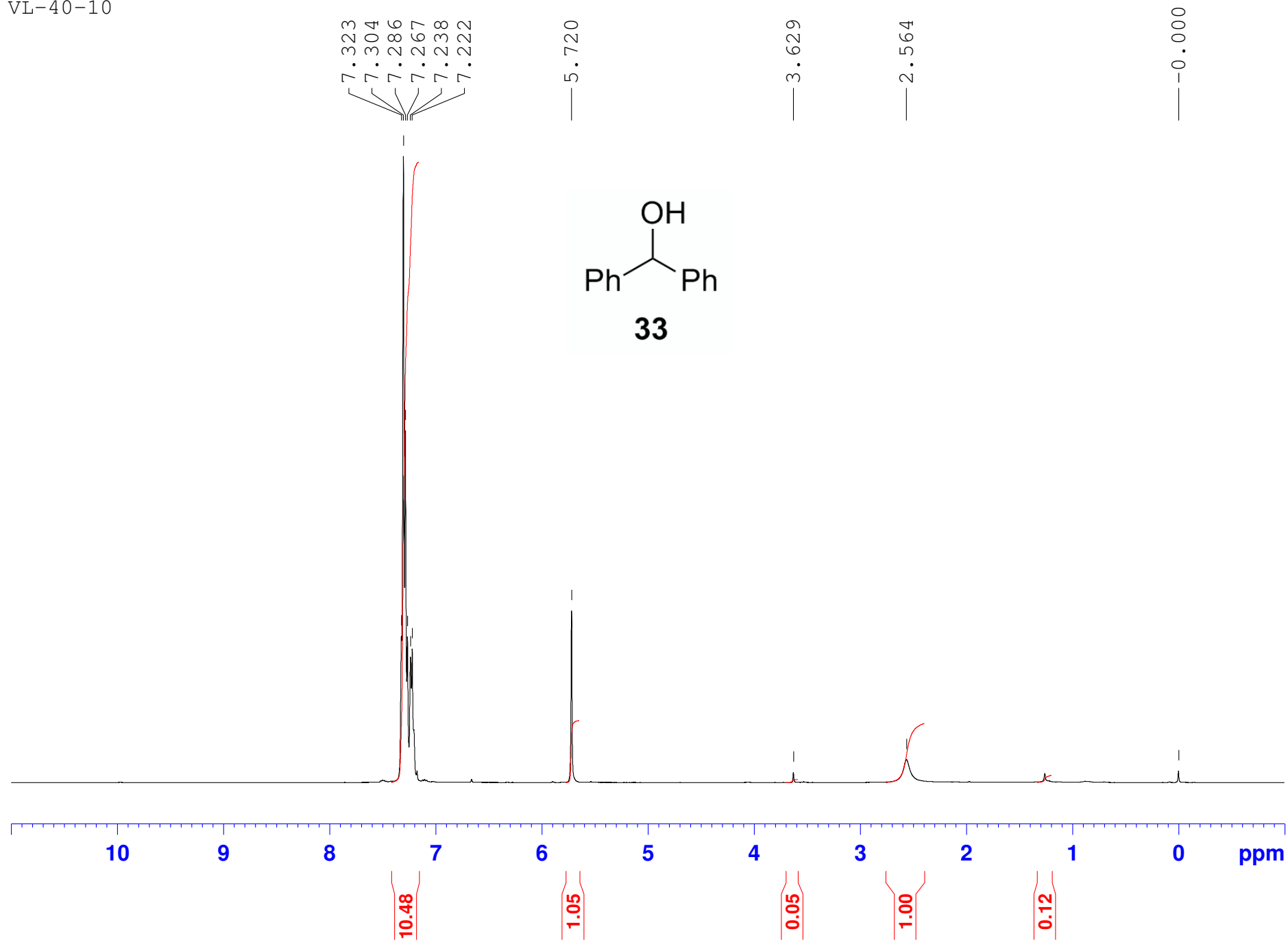
VL-40-05-latest



VL-40-06-product



VL-40-10



TT-314-3

7.939
7.911
7.454
7.453
7.426
7.272

4.760

2.587
2.476

1.256

0.000

