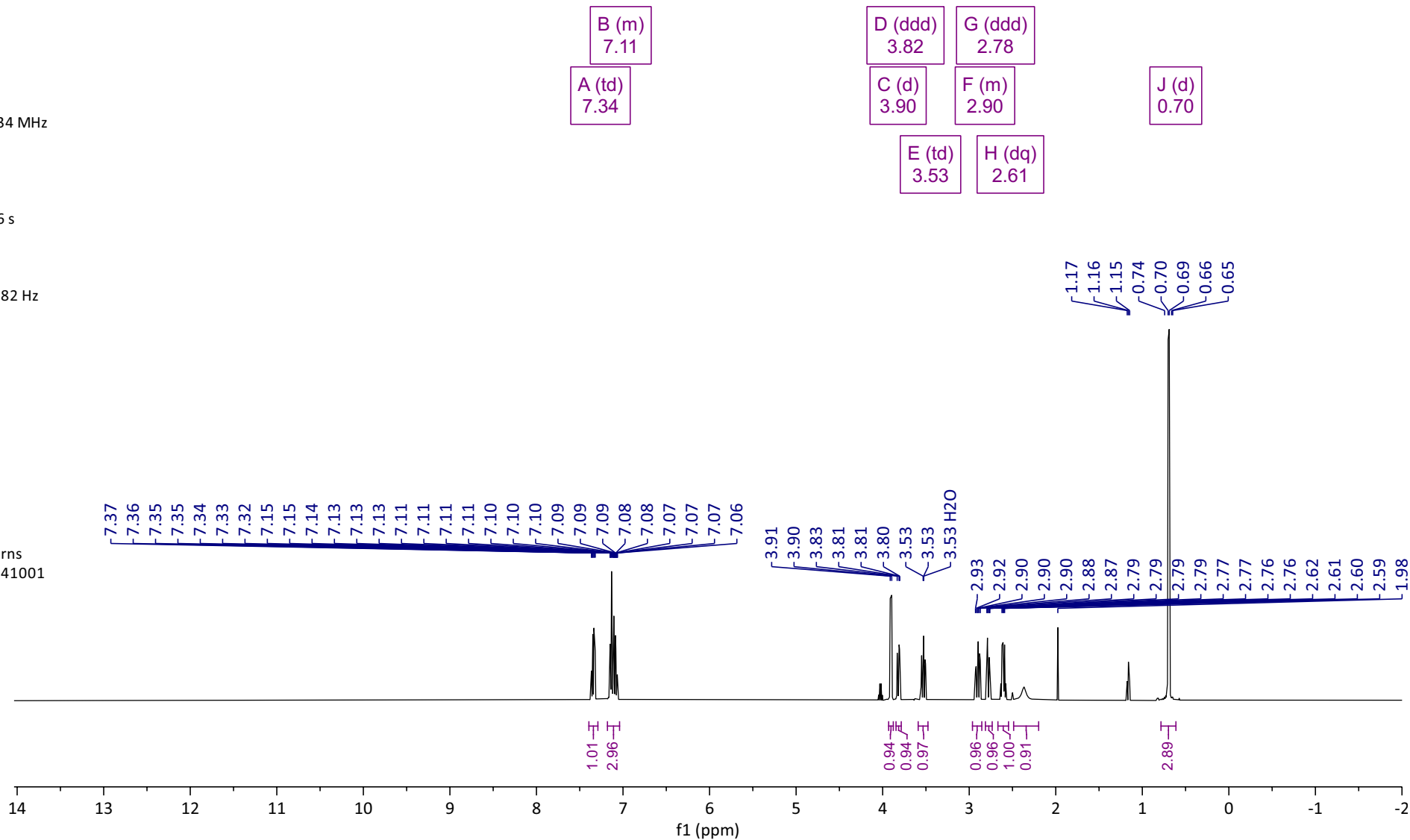


### Acquisition Parameters

**Acquire Date:** 2021-01-20T13:48:53  
**Spect Frequency:** 499.664034 MHz  
**Nucleus:** 1H  
**Pulse Program:** (s2pul)  
**Pulse Width:** 7.05  $\mu$ sec  
**Number of Points:** 48077  
**Acquisition Time:** 6.0000096 s  
**Number of Scans:** 16  
**Relaxation Delay:** 1s  
**Receiver Gain:** 18  
**Sweep Width:** 8012.82051282 Hz  
**Temperature:** 25 °C  
**Solvent:** dms0  
**Probe:** Xsen5mm

### Processing Parameters

**Phase:** Manual  
**Ph0:** 49.99  
**Ph1:** -25.14  
**Baseline:** Bernstein  
**Line Broadening:** 0.17 Hz  
**Processed by:** Dr Darcy C. Burns  
**Script:** teb\_autoexpand 20141001  
**Checksum:** 1



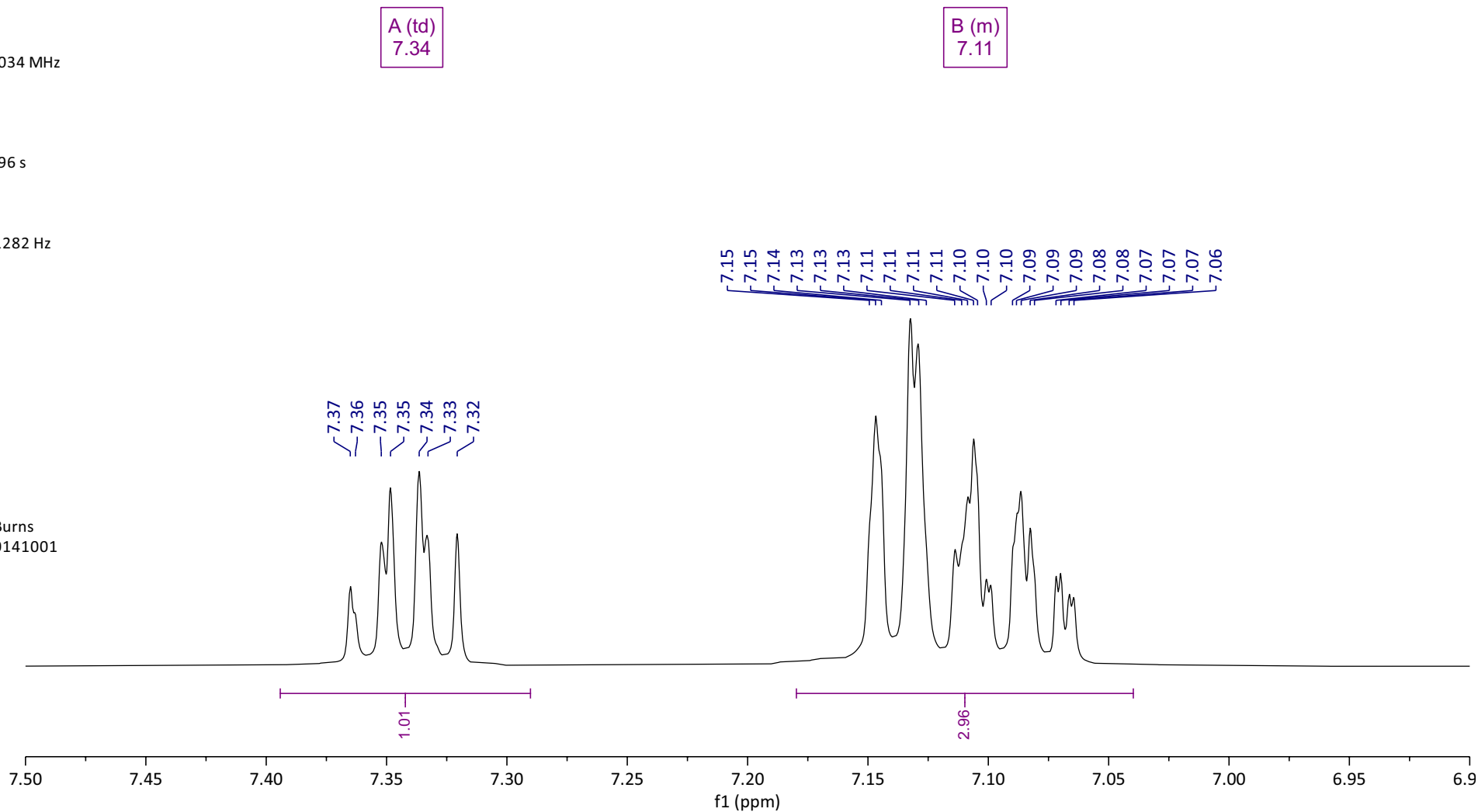
$^1\text{H NMR}$  (500 MHz, dms0)  $\delta$  7.34 (td,  $J$  = 8.1, 6.3 Hz, 1H), 7.18 – 7.04 (m, 3H), 3.90 (d,  $J$  = 8.8 Hz, 1H), 3.82 (ddd,  $J$  = 10.9, 3.4, 1.2 Hz, 1H), 3.53 (td,  $J$  = 11.4, 2.6 Hz, 1H), 2.96 – 2.85 (m, 1H), 2.78 (ddd,  $J$  = 12.3, 2.7, 1.2 Hz, 1H), 2.61 (dq,  $J$  = 8.8, 6.4 Hz, 1H), 2.37 (s, 1H), 0.70 (d,  $J$  = 6.4 Hz, 3H).

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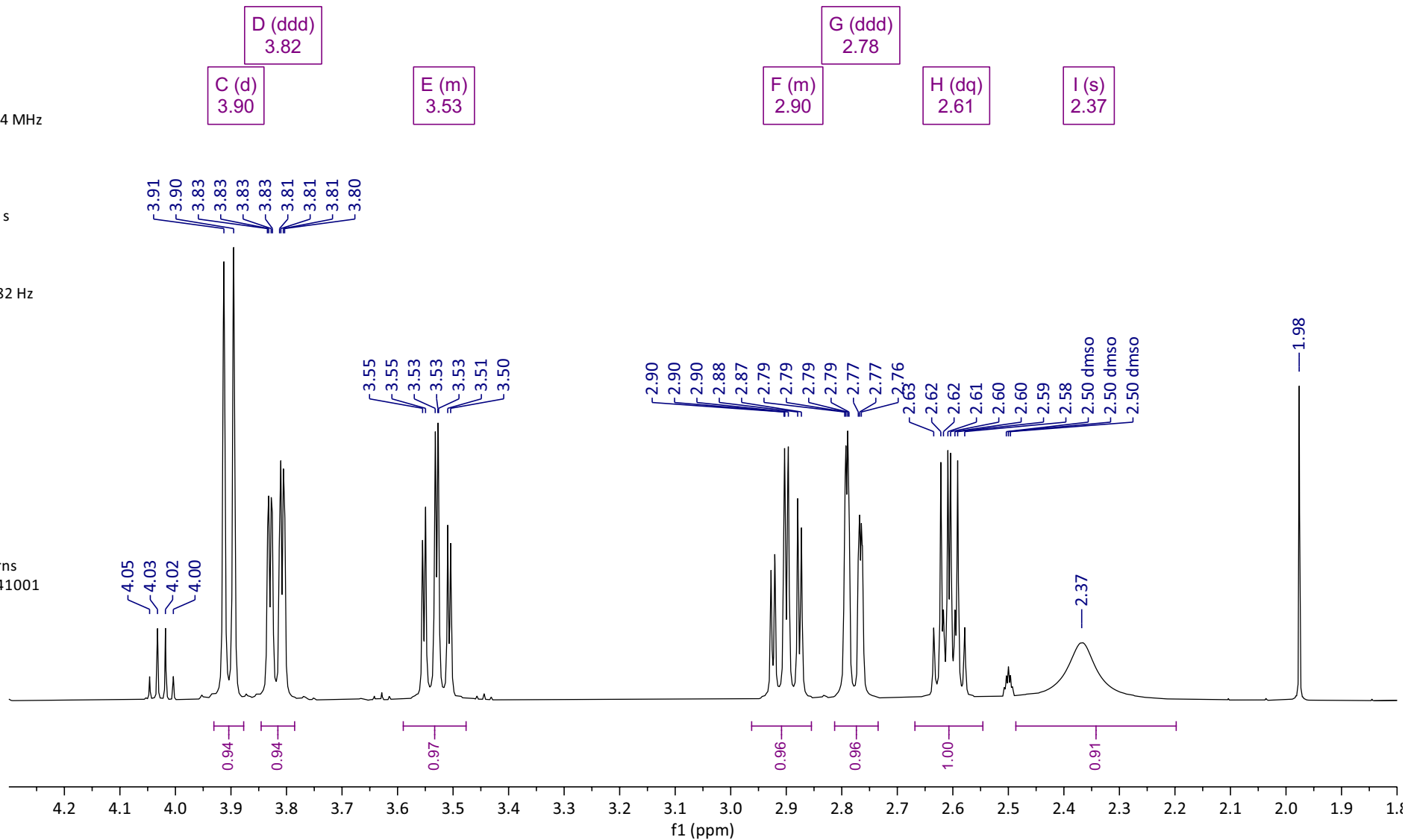
$^1\text{H}$  NMR (500 MHz, dms0)  $\delta$  7.34 (td,  $J = 8.1, 6.3$  Hz, 1H), 7.18 – 7.04 (m, 3H), 3.90 (d,  $J = 8.8$  Hz, 1H), 3.82 (ddd,  $J = 10.9, 3.4, 1.2$  Hz, 1H), 3.53 (td,  $J = 11.4, 2.6$  Hz, 1H), 2.96 – 2.85 (m, 1H), 2.78 (ddd,  $J = 12.3, 2.7, 1.2$  Hz, 1H), 2.61 (dq,  $J = 8.8, 6.4$  Hz, 1H), 2.37 (s, 1H), 0.70 (d,  $J = 6.4$  Hz, 3H).

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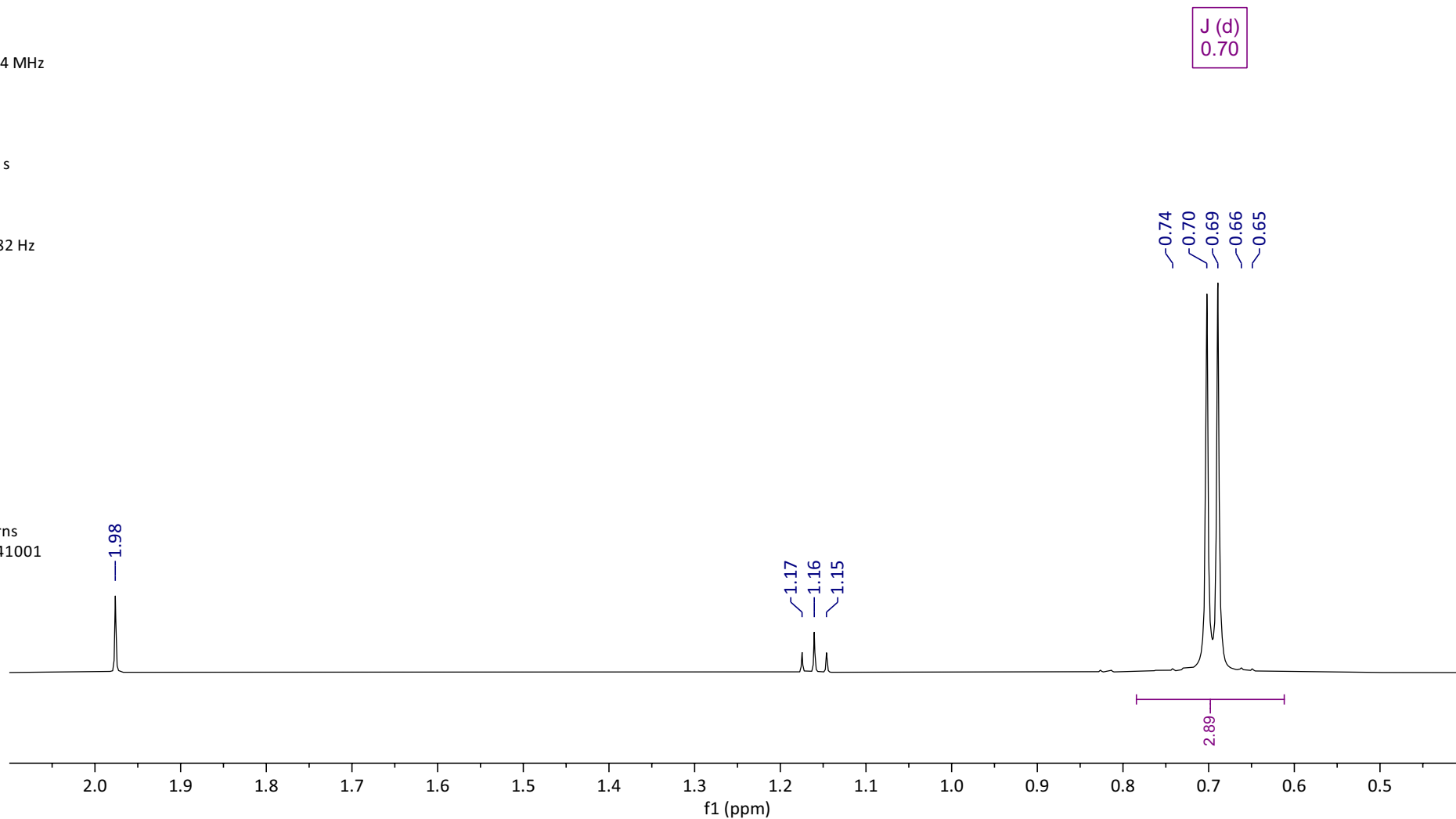
<sup>1</sup>H NMR (500 MHz, dms0) δ 7.34 (td, *J* = 8.1, 6.3 Hz, 1H), 7.18 – 7.04 (m, 3H), 3.90 (d, *J* = 8.8 Hz, 1H), 3.82 (ddd, *J* = 10.9, 3.4, 1.2 Hz, 1H), 3.53 (td, *J* = 11.4, 2.6 Hz, 1H), 2.96 – 2.85 (m, 1H), 2.78 (ddd, *J* = 12.3, 2.7, 1.2 Hz, 1H), 2.61 (dq, *J* = 8.8, 6.4 Hz, 1H), 2.37 (s, 1H), 0.70 (d, *J* = 6.4 Hz, 3H).

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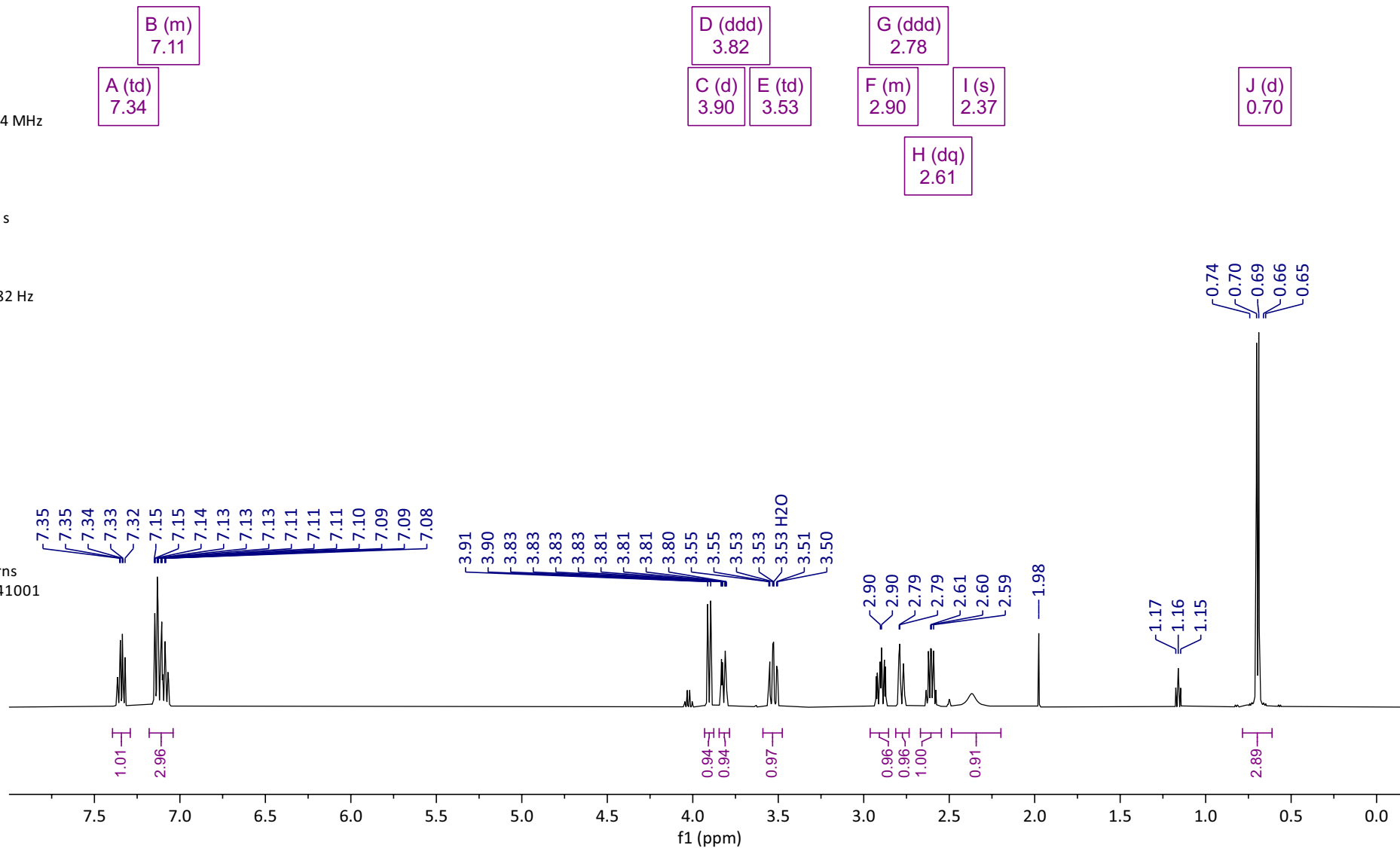
$^1\text{H}$  NMR (500 MHz, dms0)  $\delta$  7.34 (td,  $J$  = 8.1, 6.3 Hz, 1H), 7.18 – 7.04 (m, 3H), 3.90 (d,  $J$  = 8.8 Hz, 1H), 3.82 (ddd,  $J$  = 10.9, 3.4, 1.2 Hz, 1H), 3.53 (td,  $J$  = 11.4, 2.6 Hz, 1H), 2.96 – 2.85 (m, 1H), 2.78 (ddd,  $J$  = 12.3, 2.7, 1.2 Hz, 1H), 2.61 (dq,  $J$  = 8.8, 6.4 Hz, 1H), 2.37 (s, 1H), 0.70 (d,  $J$  = 6.4 Hz, 3H).

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