

Electronic Supplementary Information

A Concise Synthesis of the Potent Inflammatory Mediator 5-oxo-ETE

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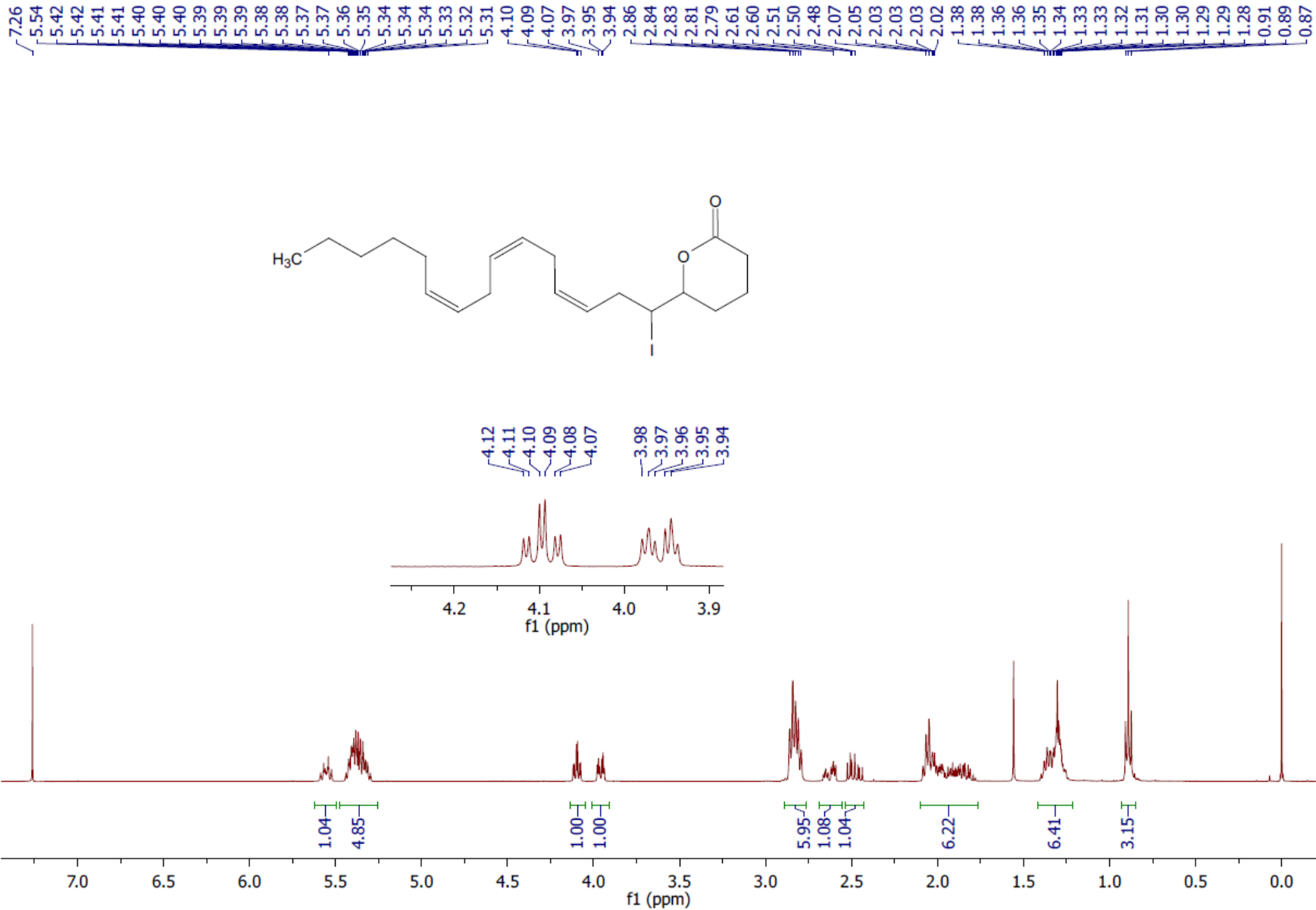
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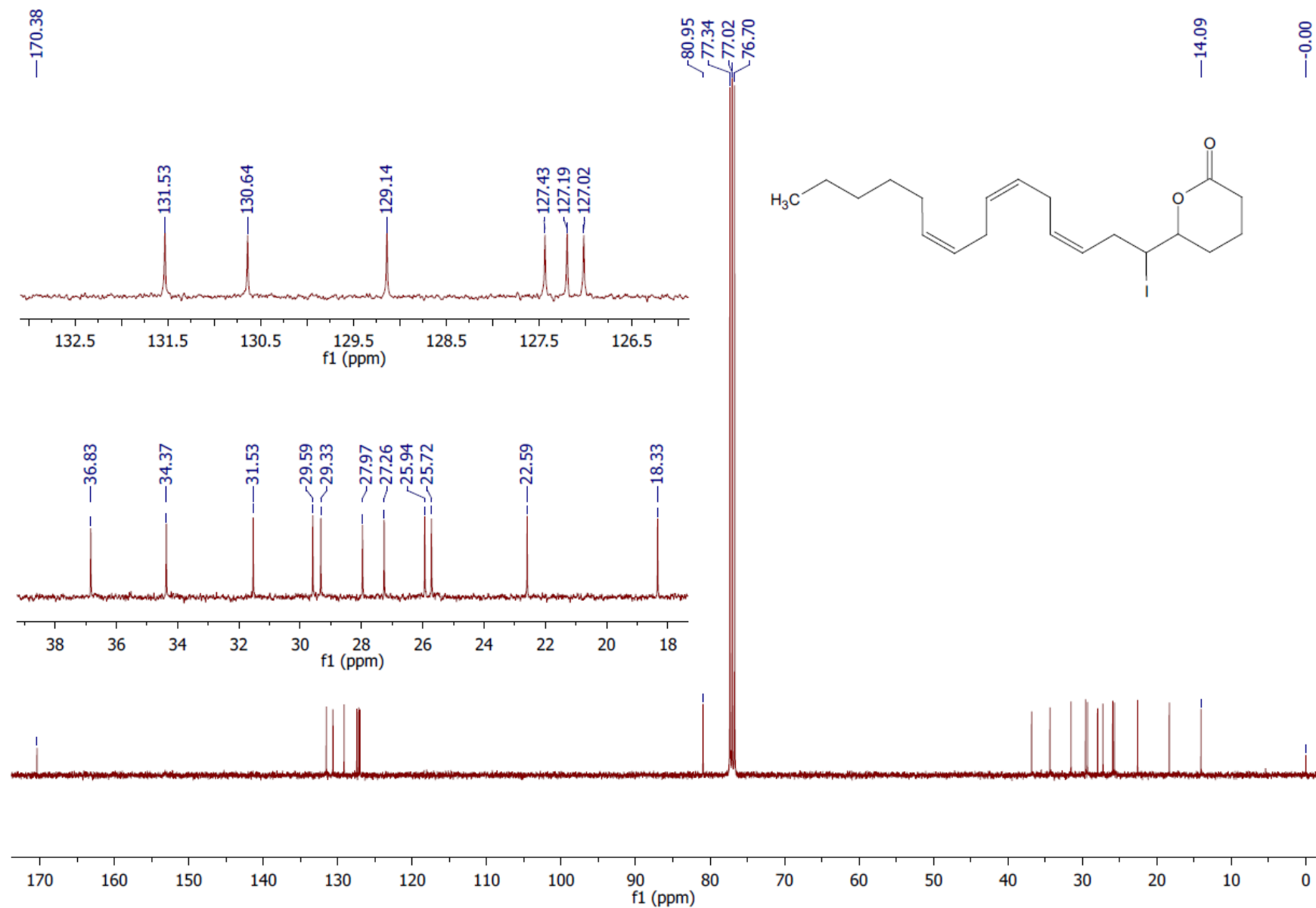
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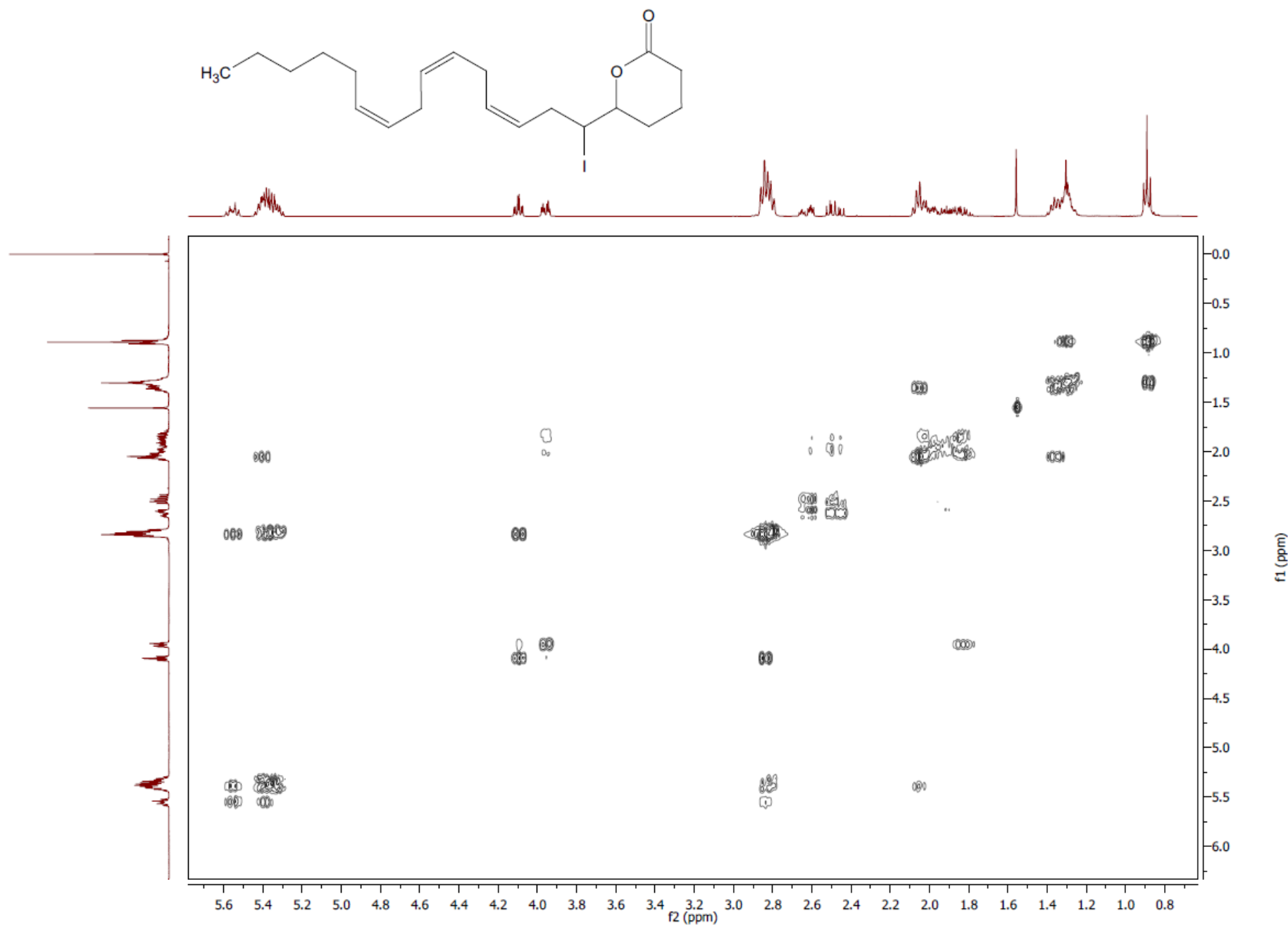
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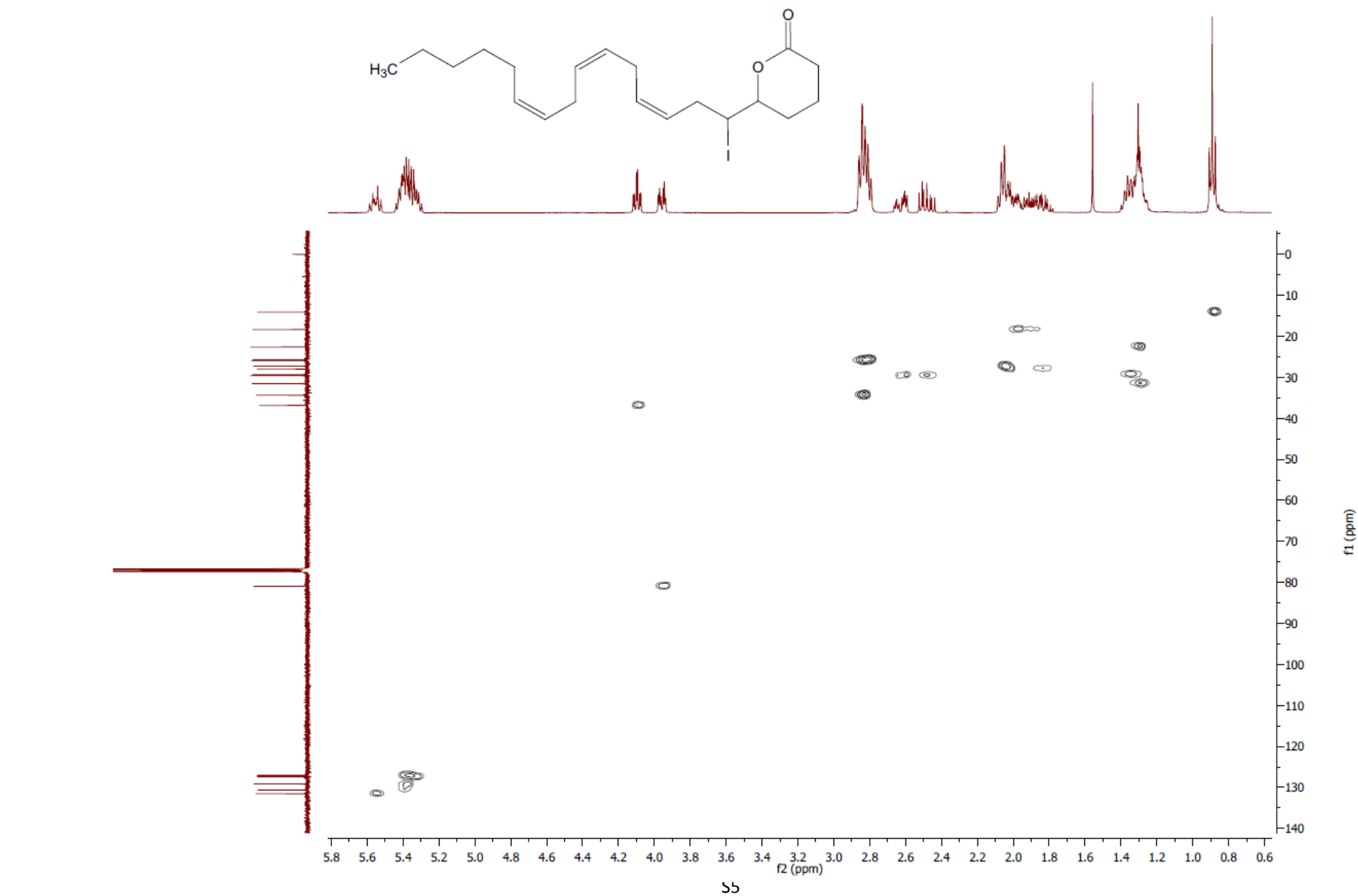
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(3Z,6Z,9Z)-6-(1-iodopentadeca-3,6,9-trien-1-yl)tetrahydro-2H-pyran-2-one (3).

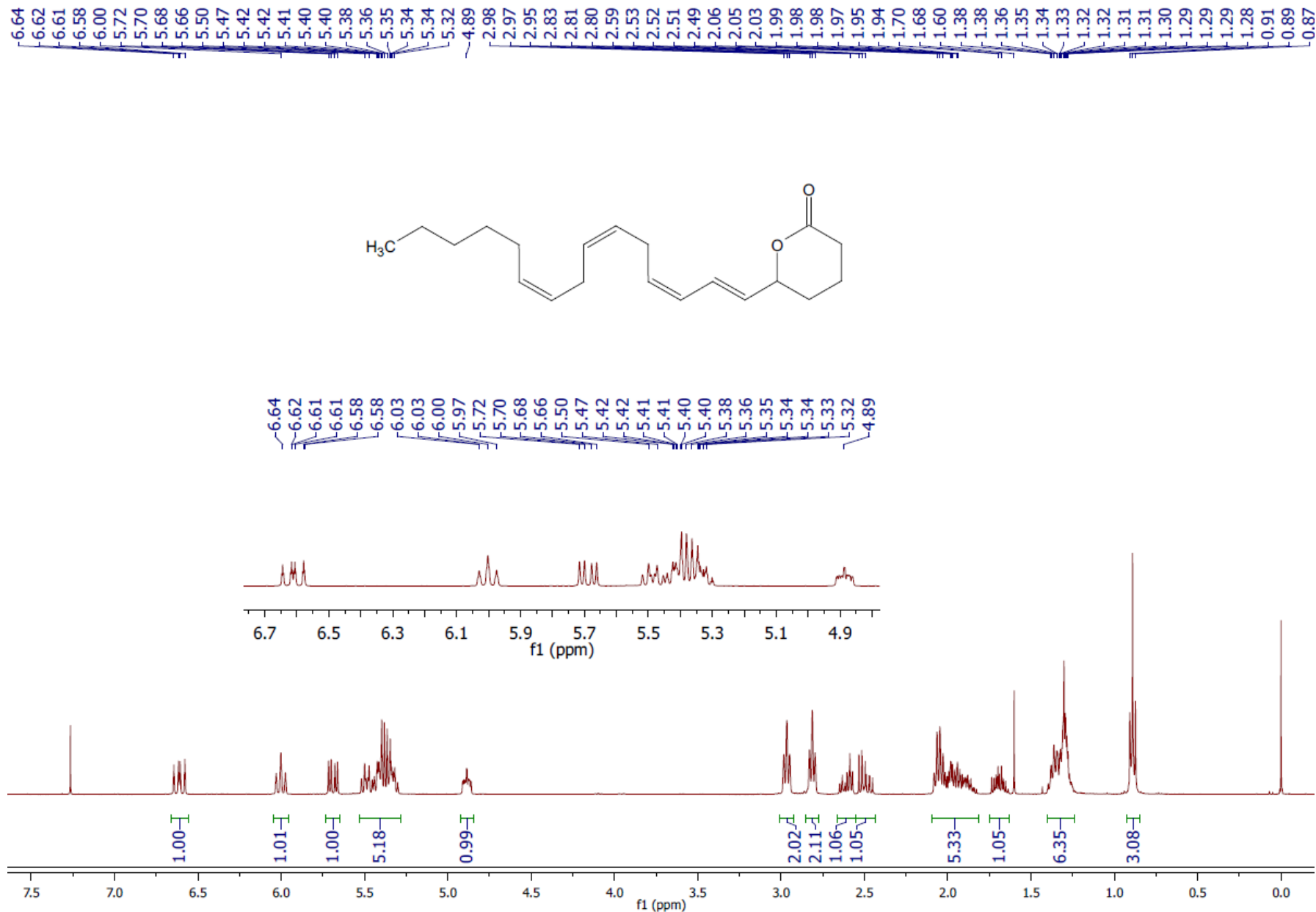


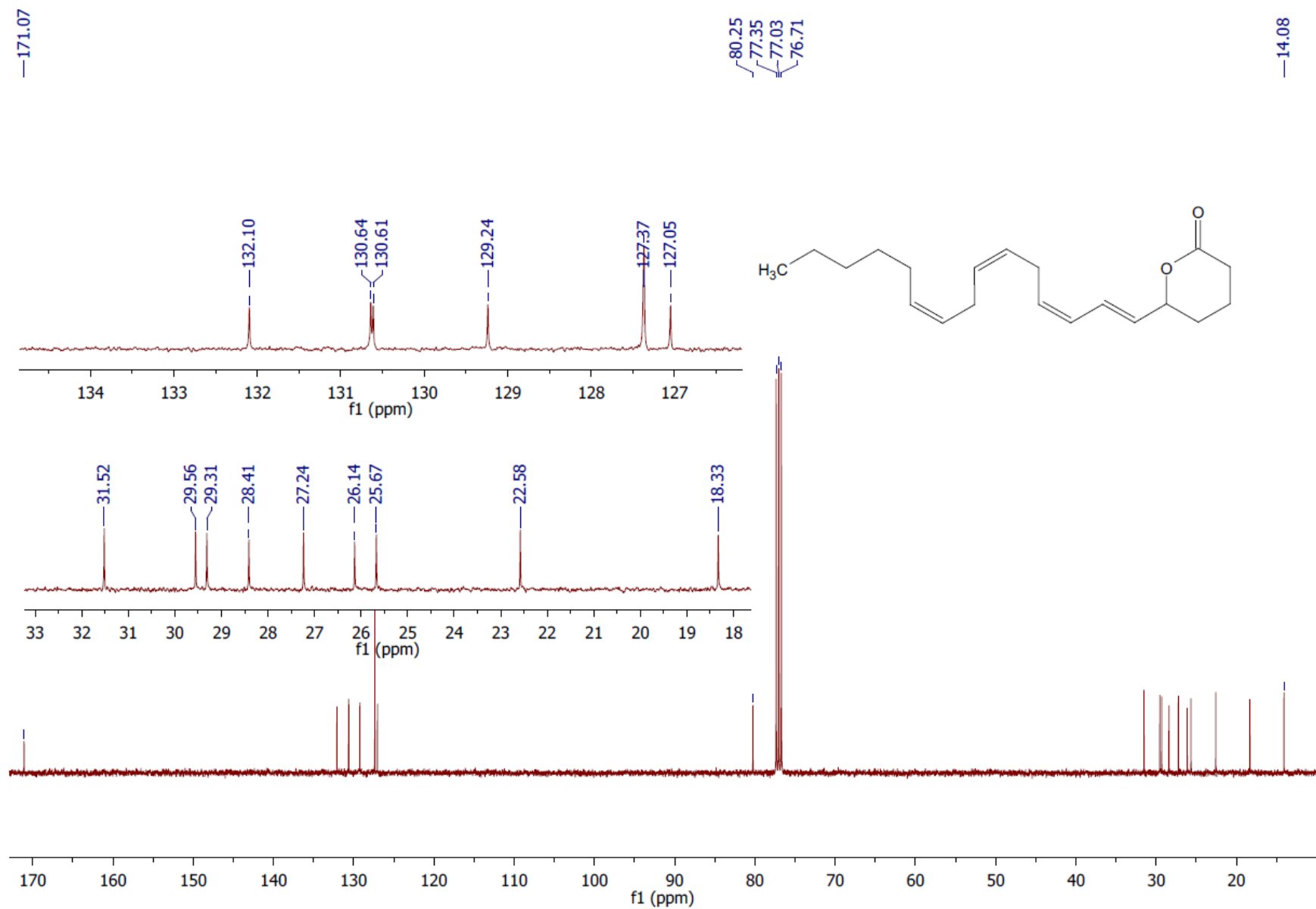


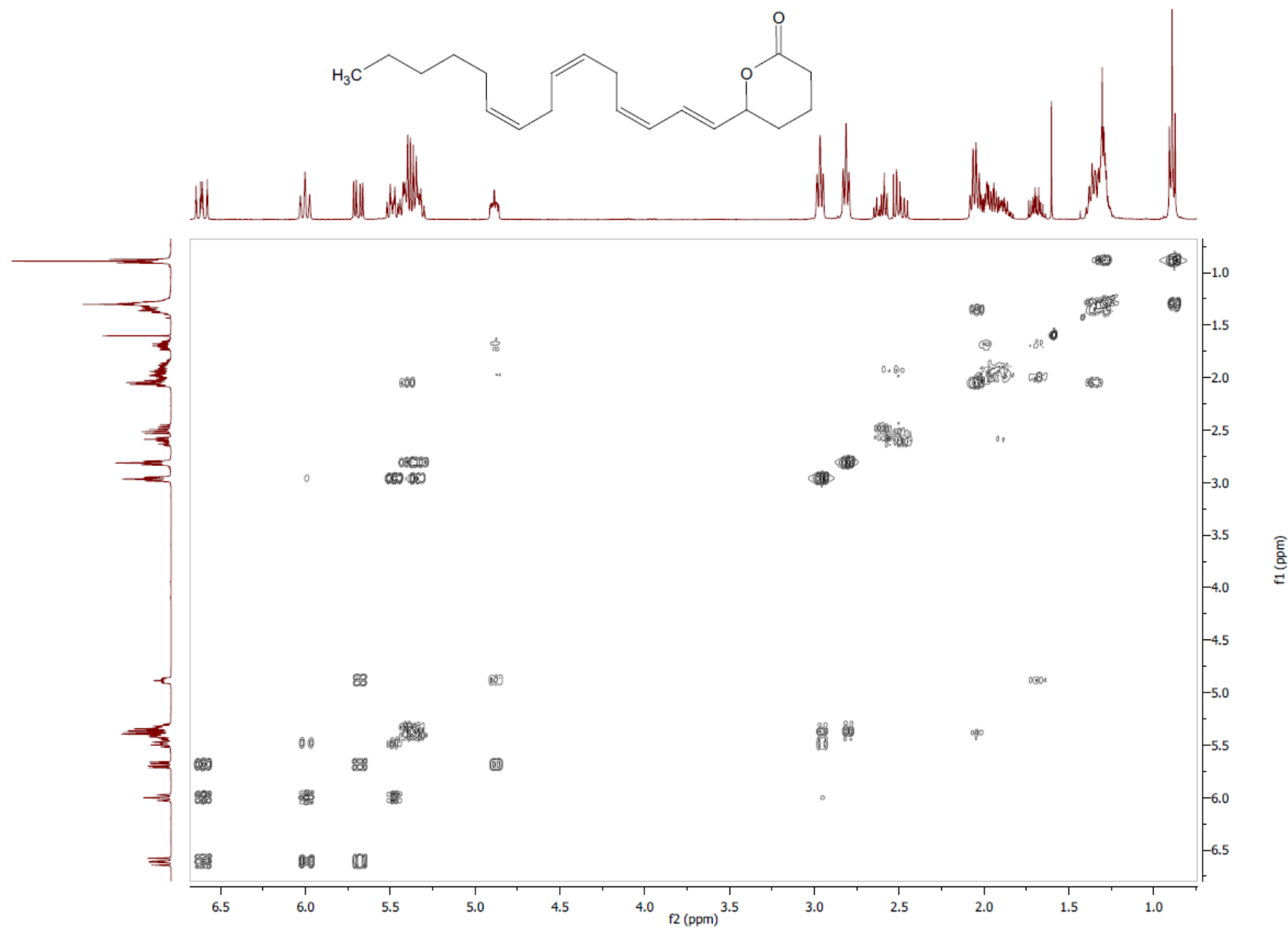


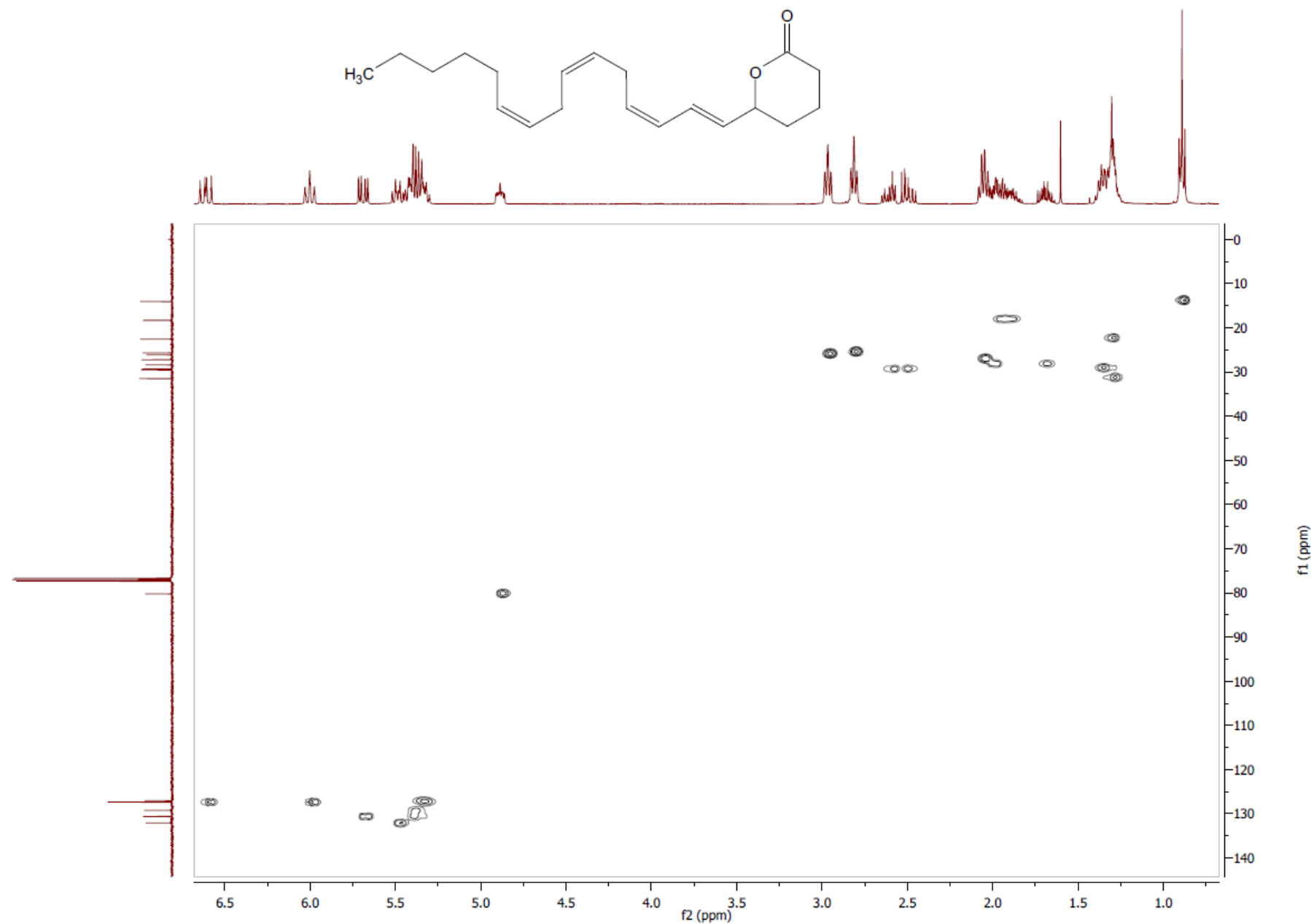


(1*E*,3*Z*,6*Z*,9*Z*)-6-(Pentadeca-1,3,6,9-tetraen-1-yl)tetrahydro-2*H*-pyran-2-one (4).

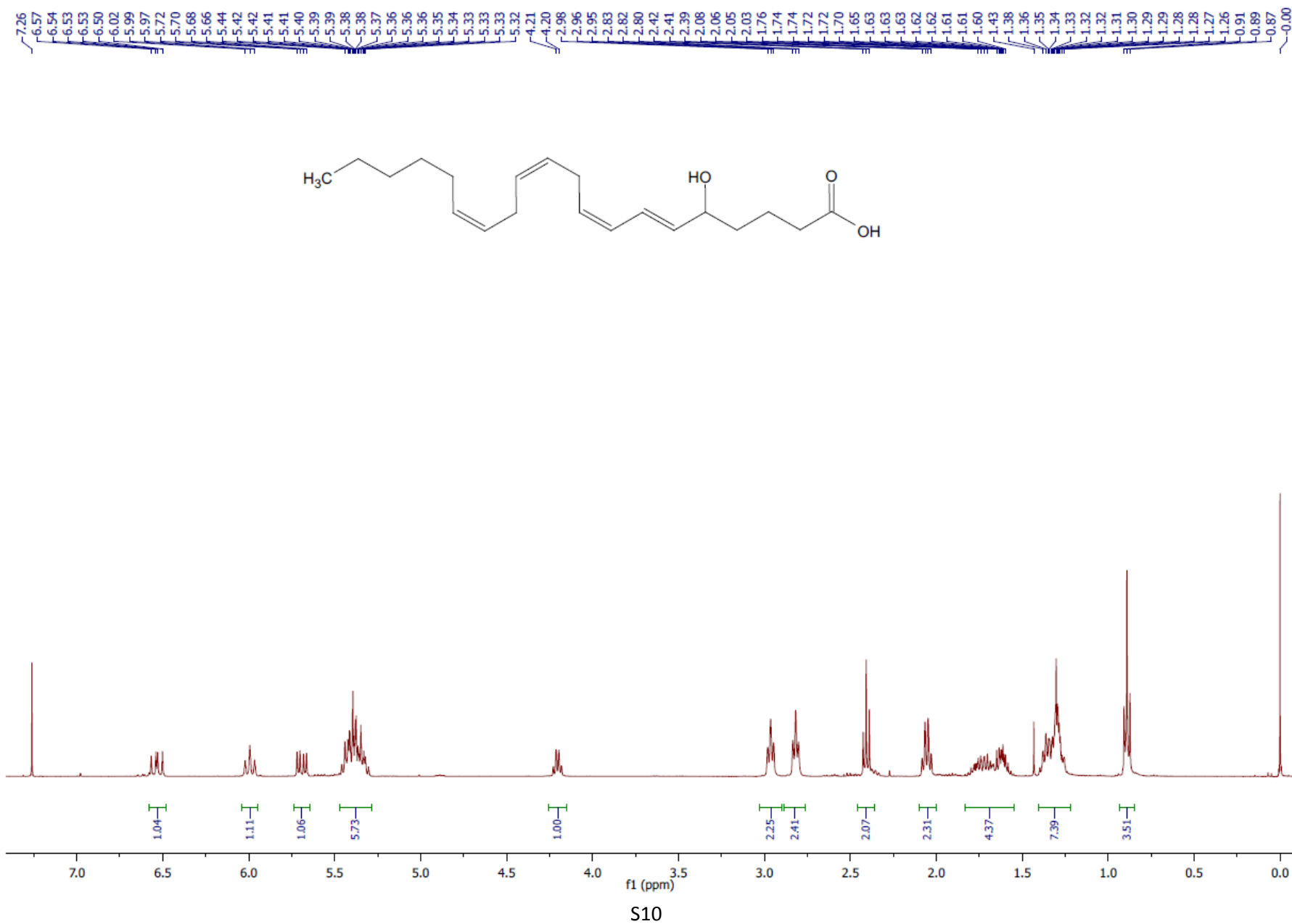


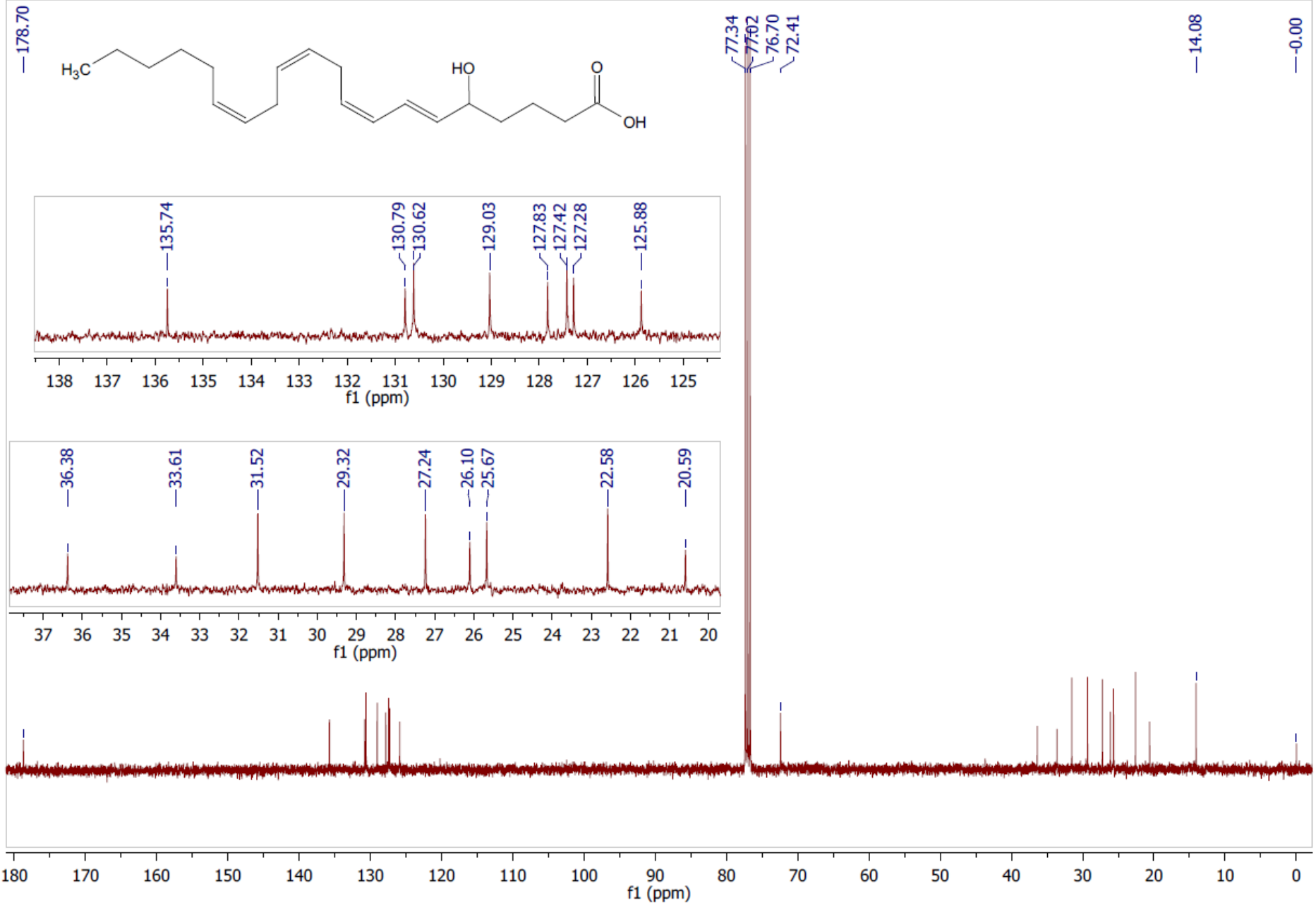


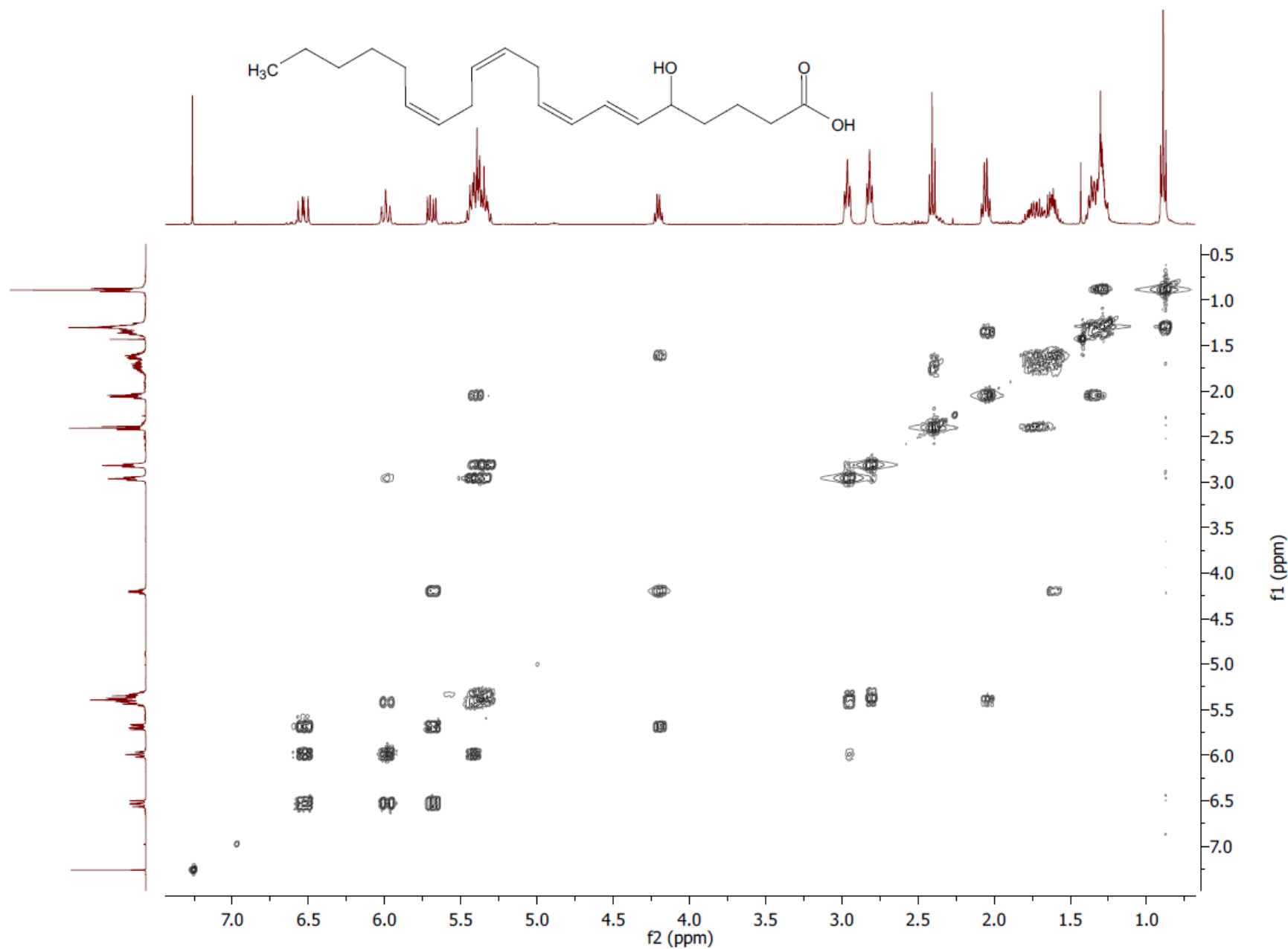


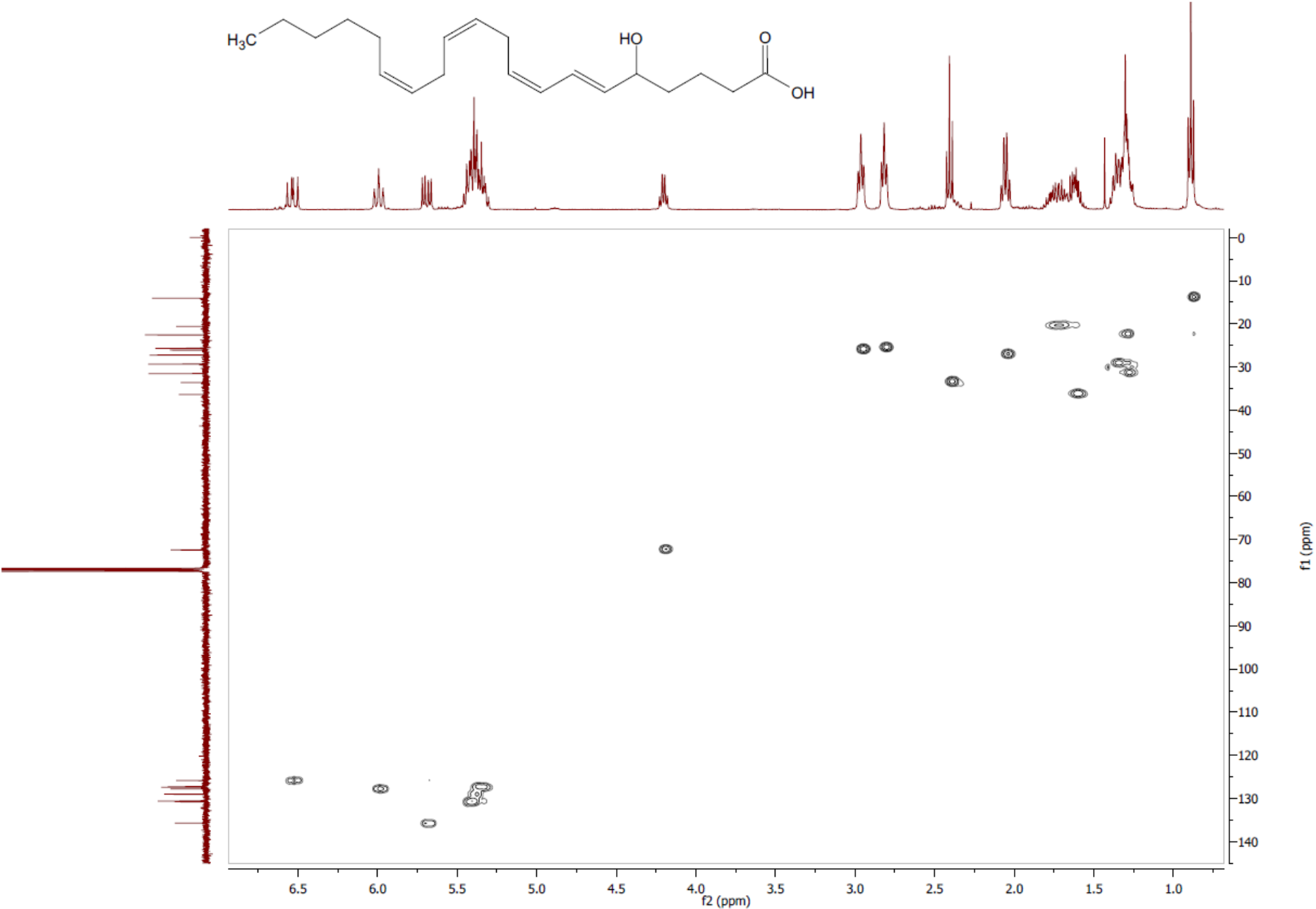


(6*E*,8*Z*,11*Z*,14*Z*)-5-Hydroxyicosa-6,8,11,14-tetraenoic acid (5-HETE, 5).

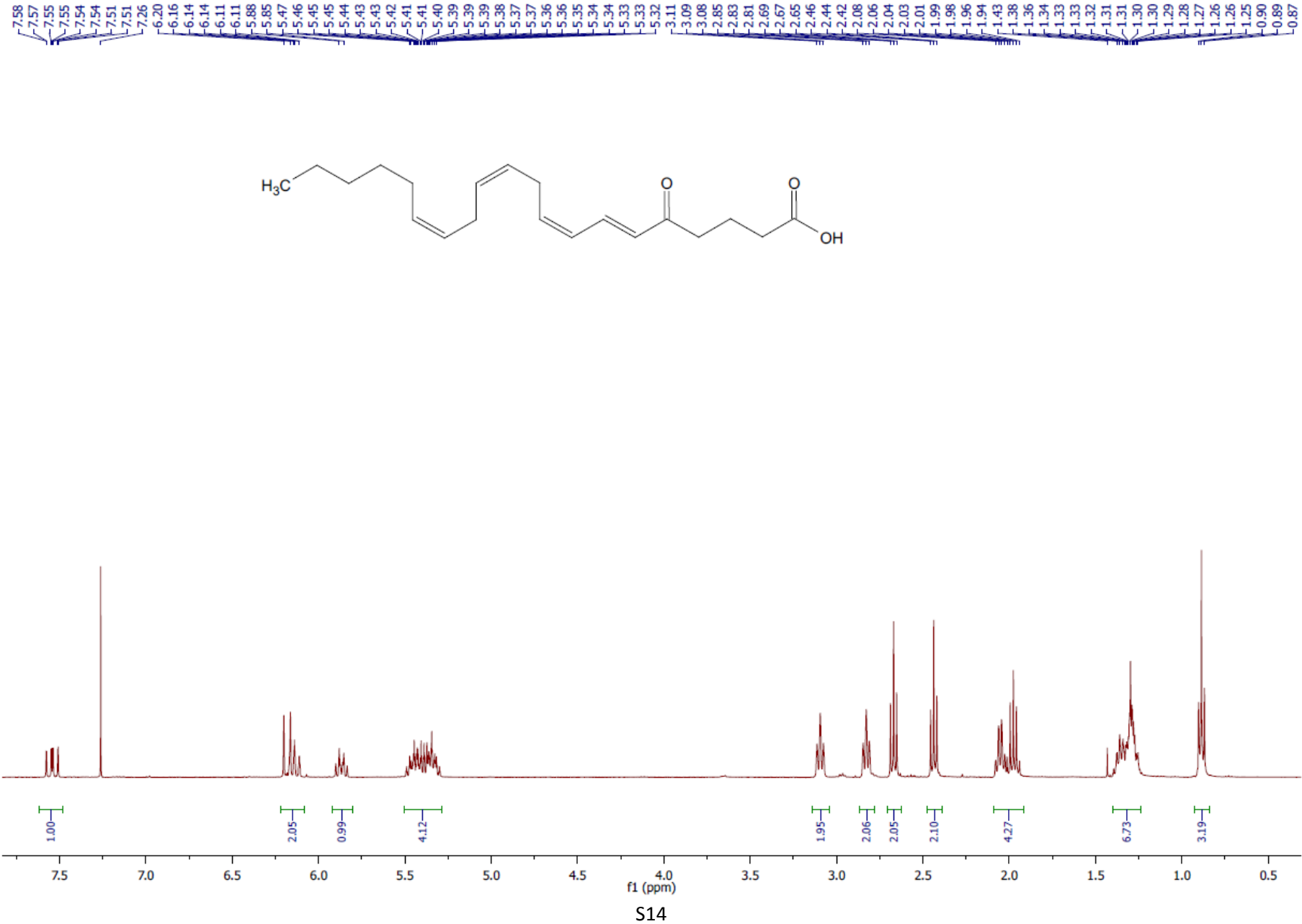


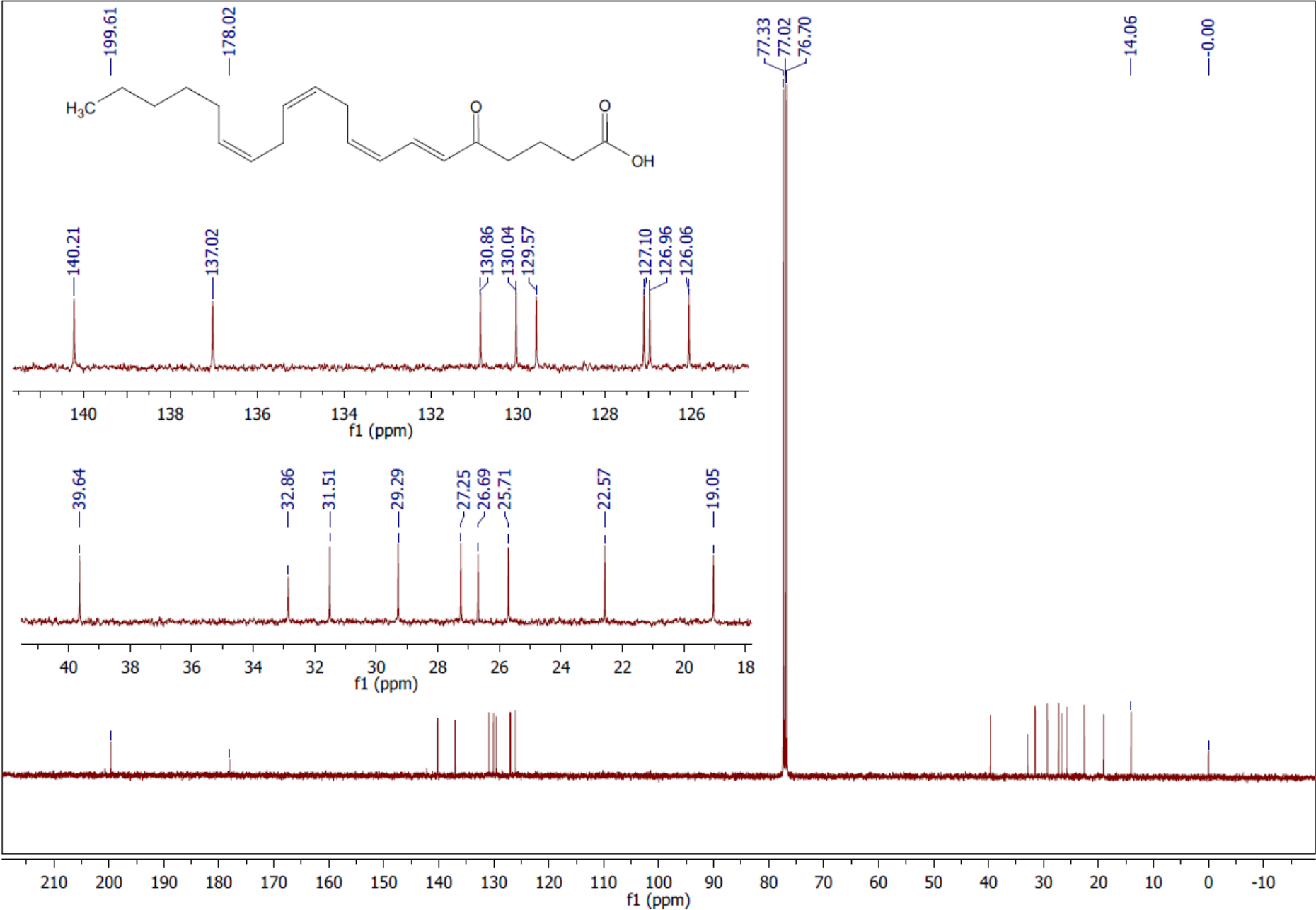


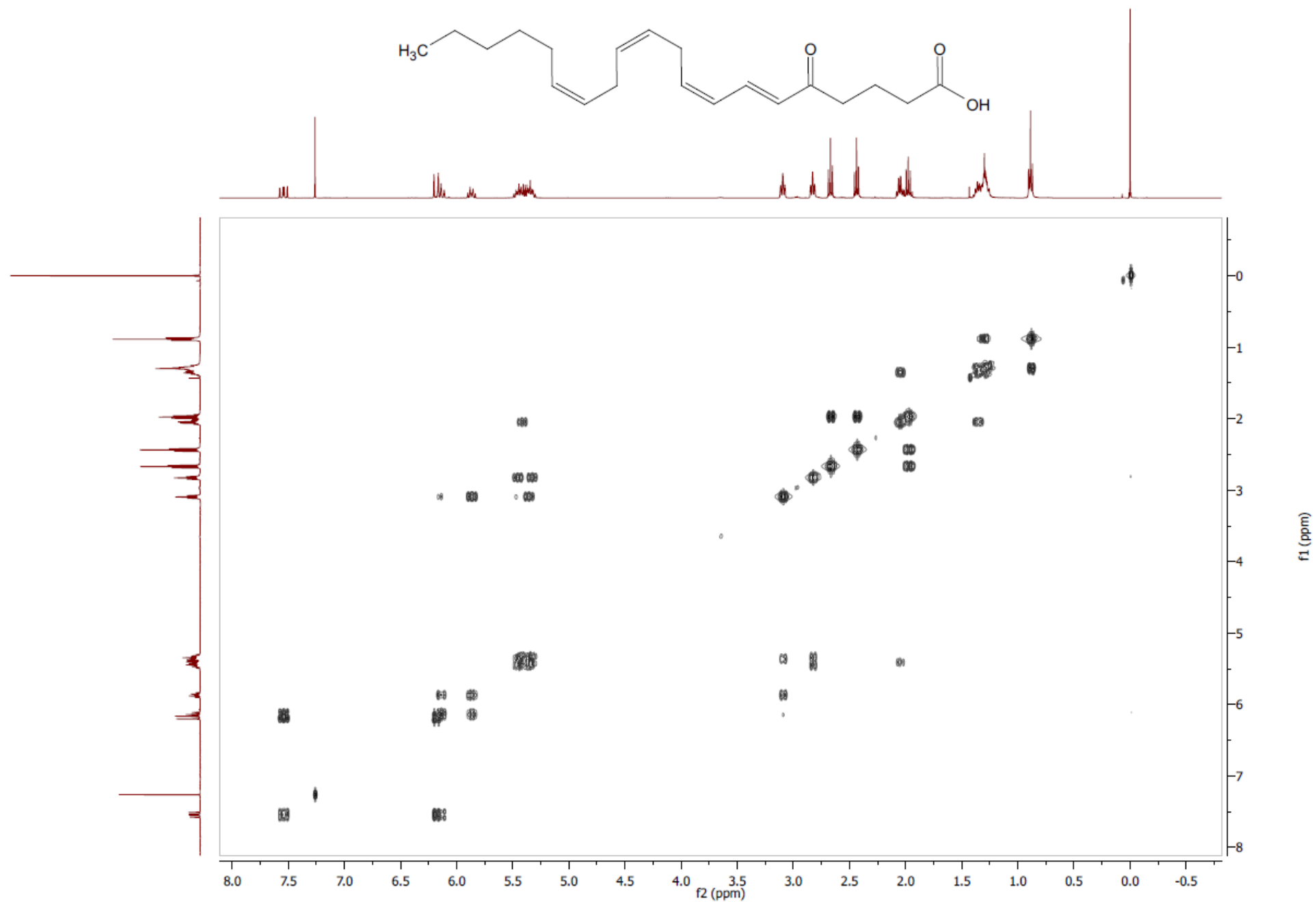


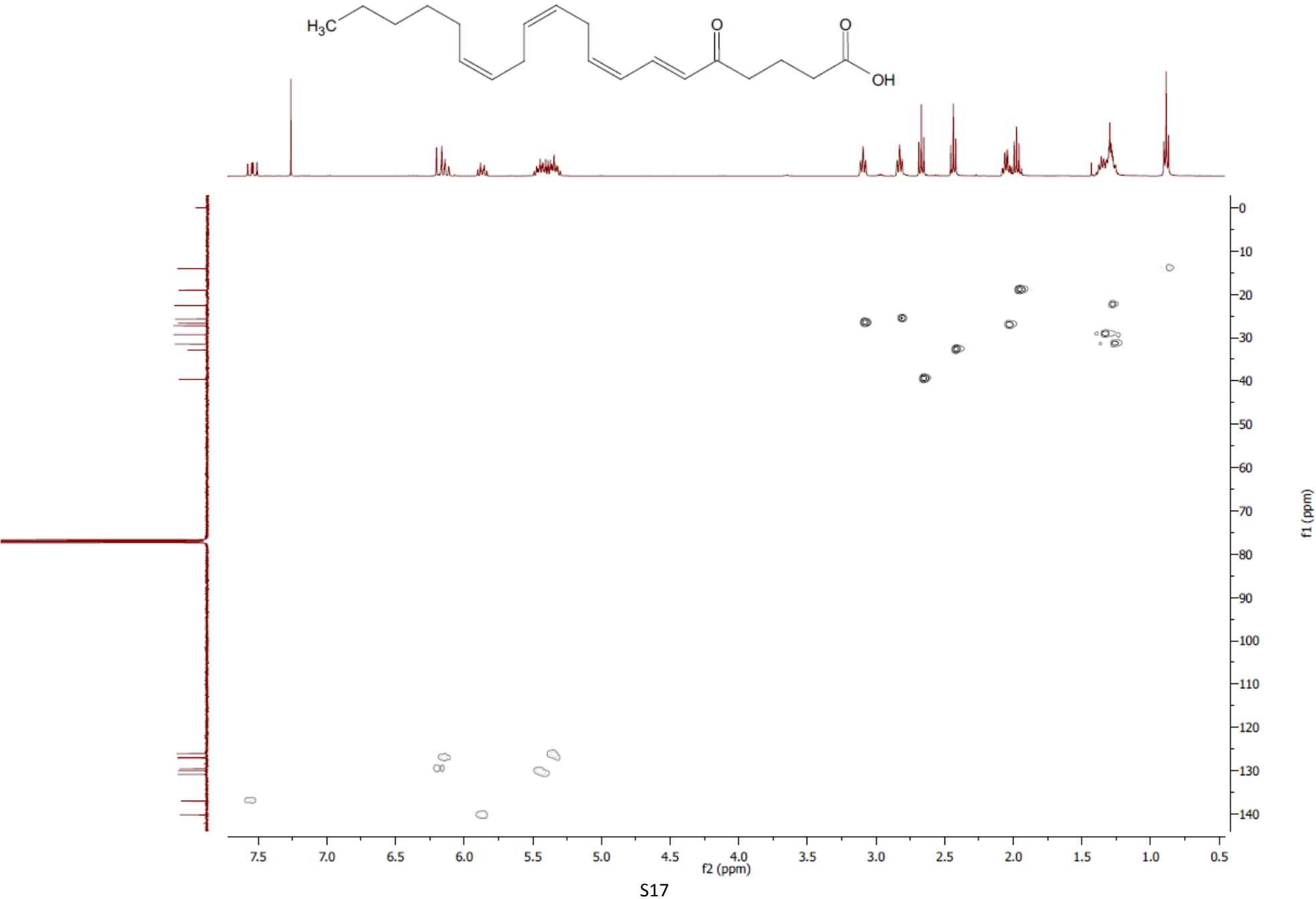


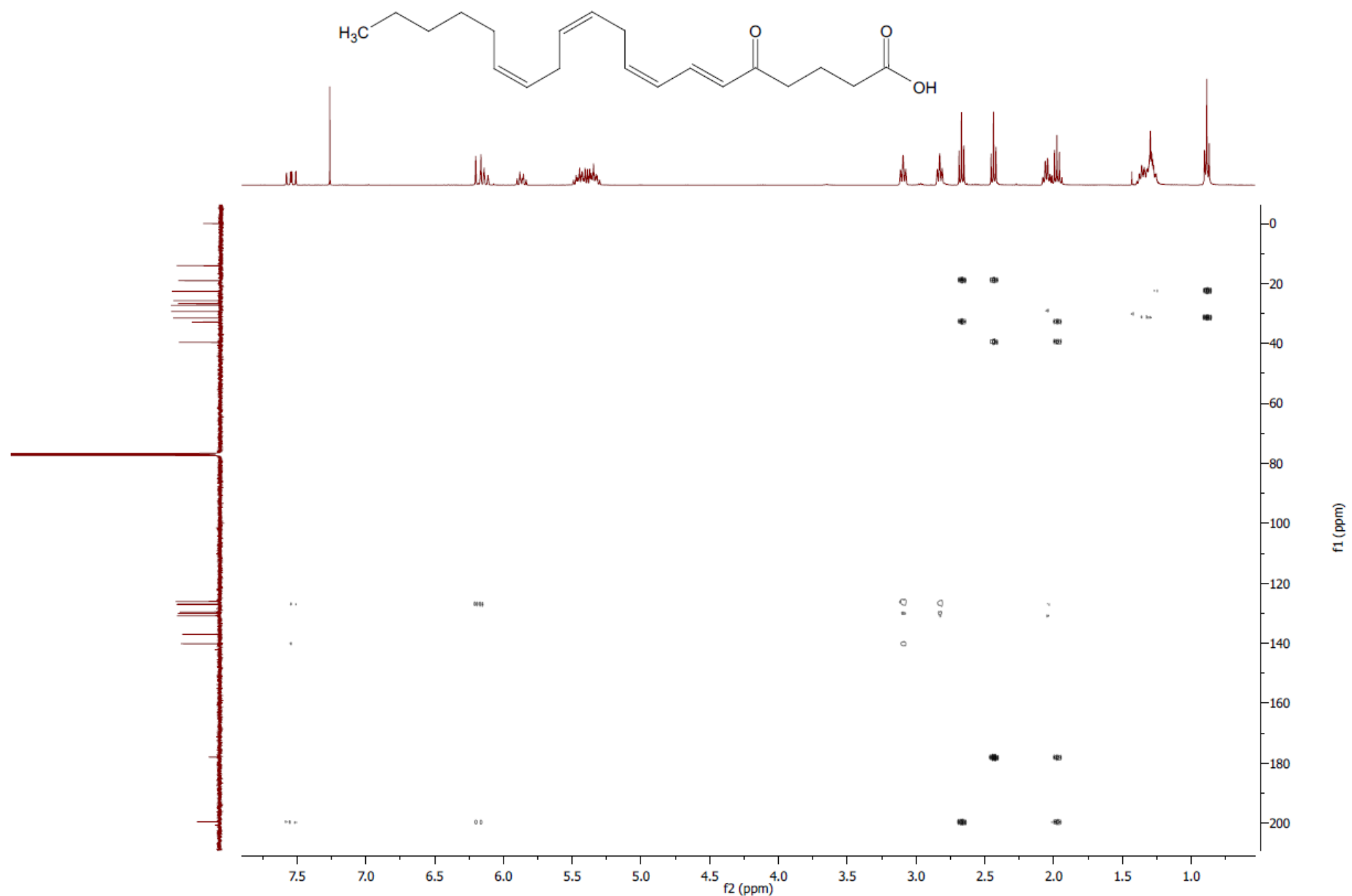
(6*E*,8*Z*,11*Z*,14*Z*)-5-Oxoicosa-6,8,11,14-tetraenoic acid (5-oxo-ETE, 1).











HPLC chromatogram of 5-oxo-ETE (1).

