

Electronic Supplementary Information

A novel bimodal lipidic contrast agent for cellular labelling and tumour MRI

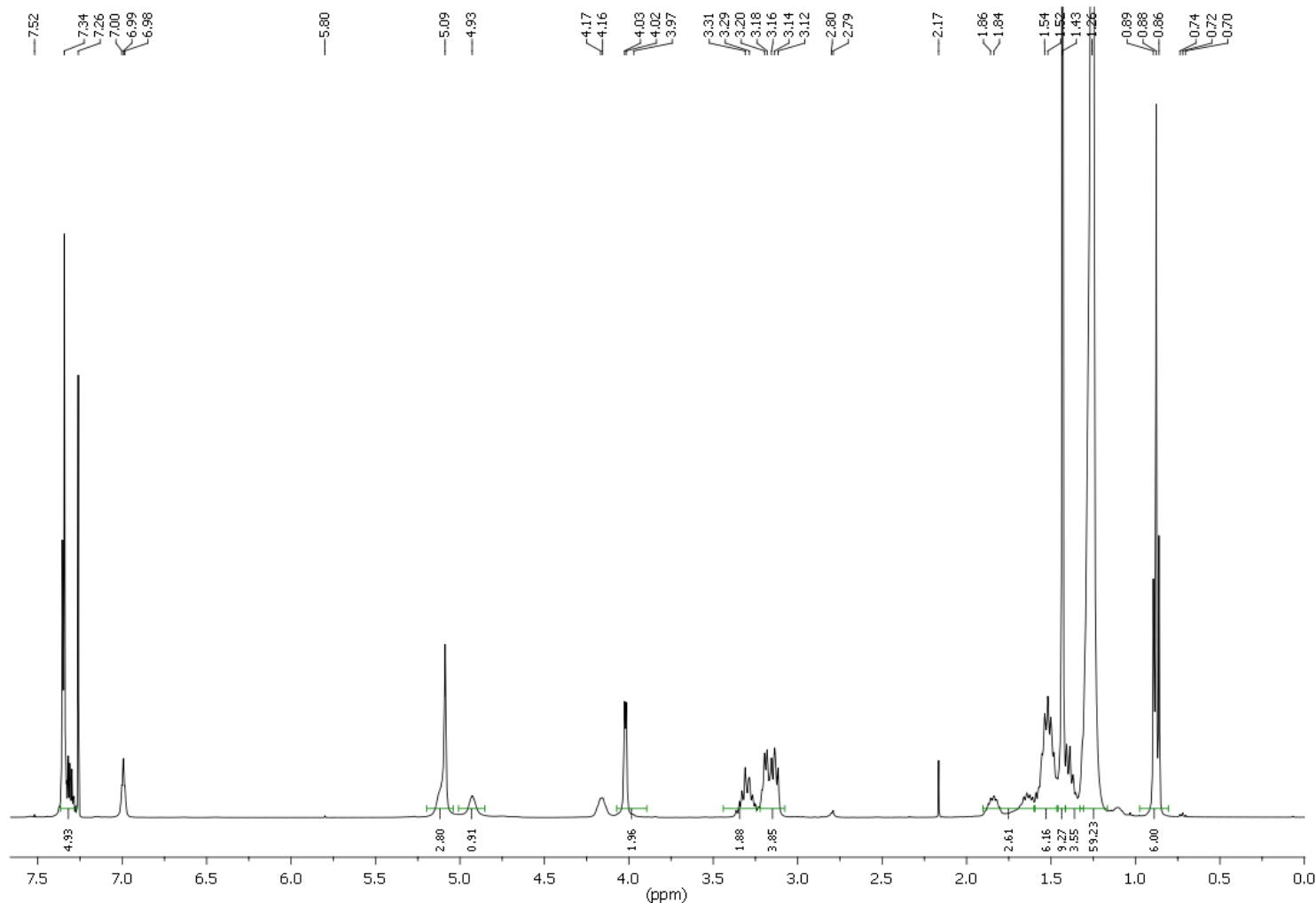
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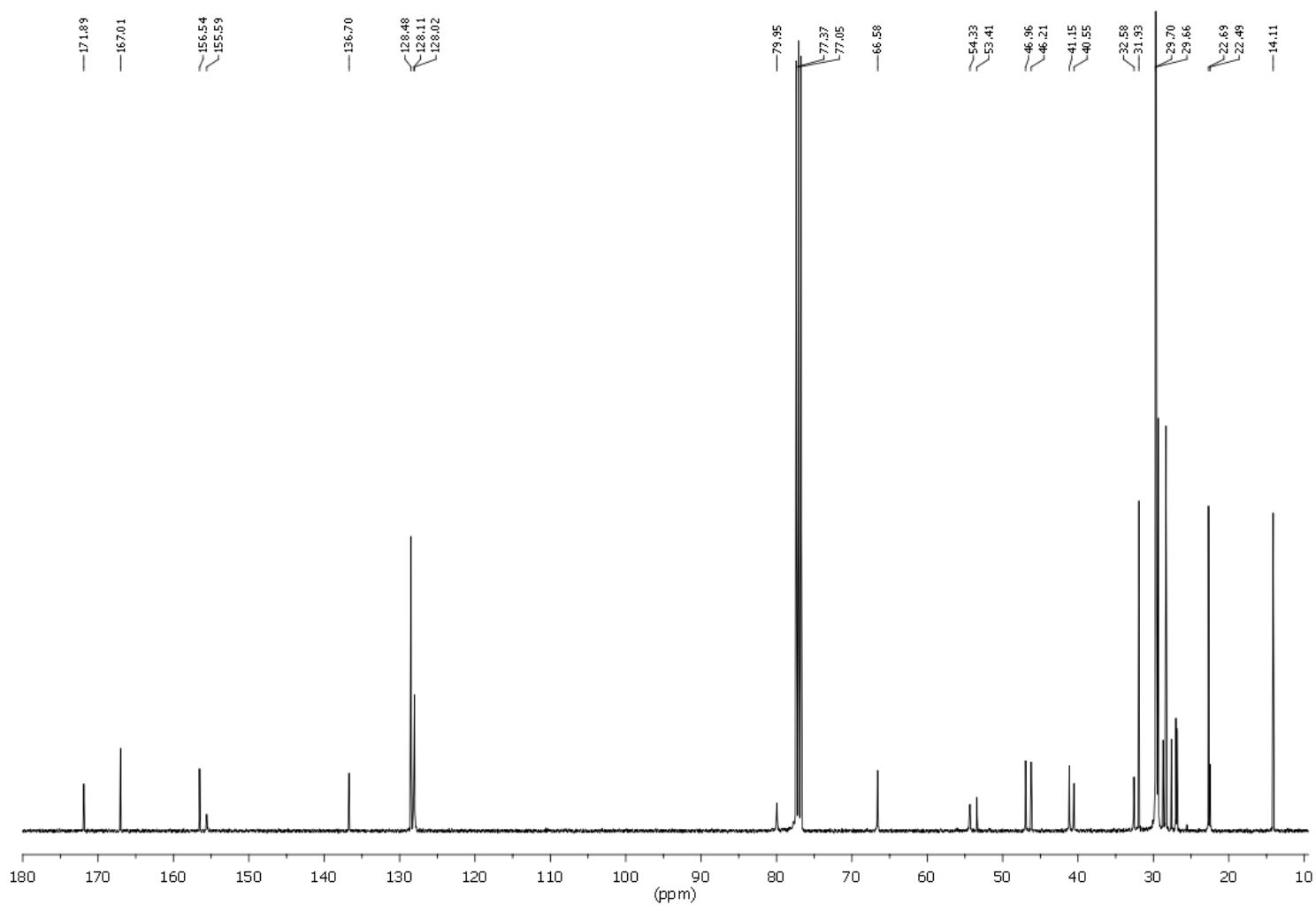
^b Metabolic and Molecular Imaging Group, Imaging Sciences Department, MRC Clinical Sciences Centre, Imperial College London, Hammersmith Hospital, London, W12 0HS, UK, Fax: +44 (0)20 8383 3038; Tel: +44(0) 20 8383 1517; E-mail: jimmy.bell@csc.mrc.ac.uk

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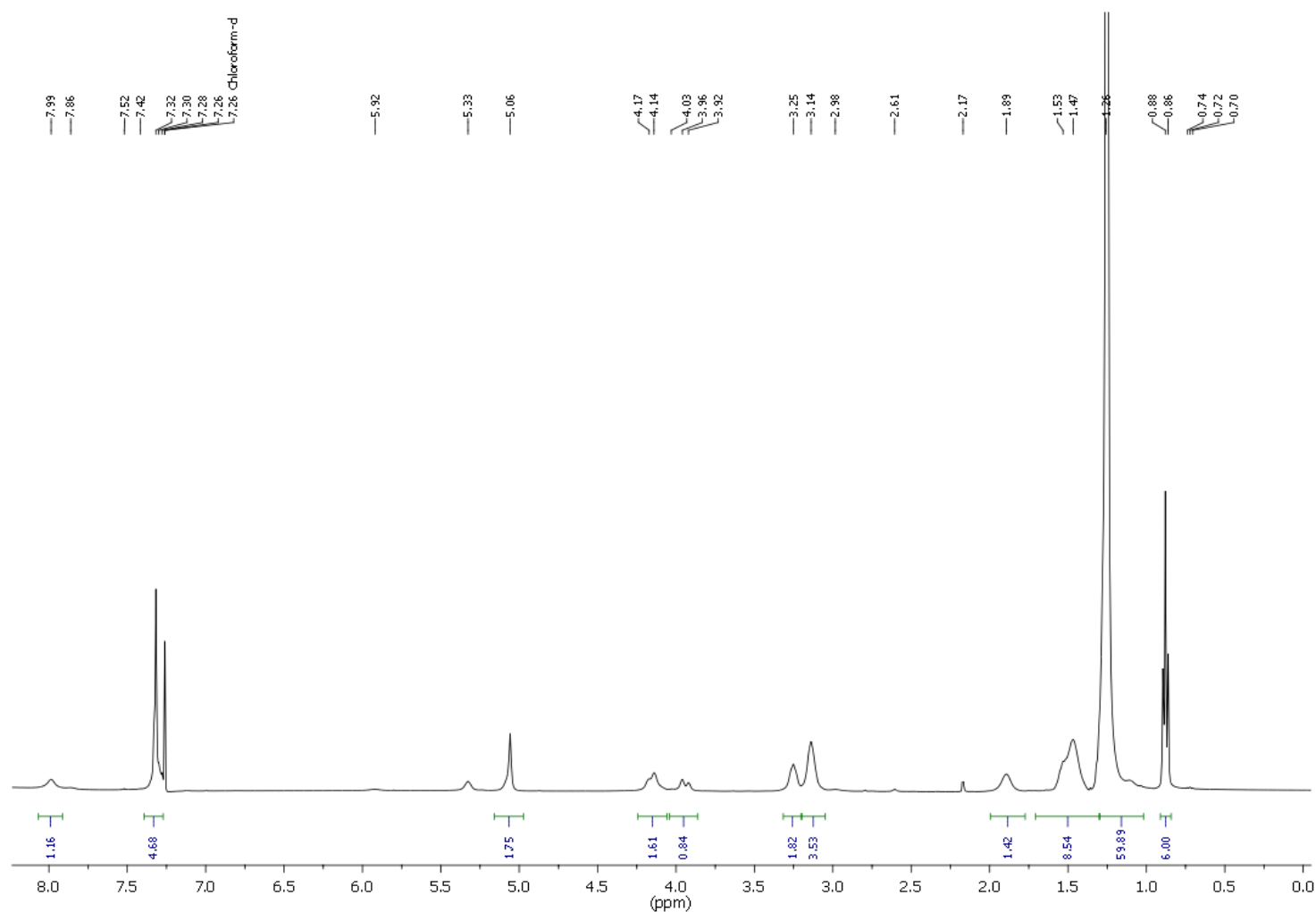
Compound 4: δ_{H} (400 MHz; CDCl_3)



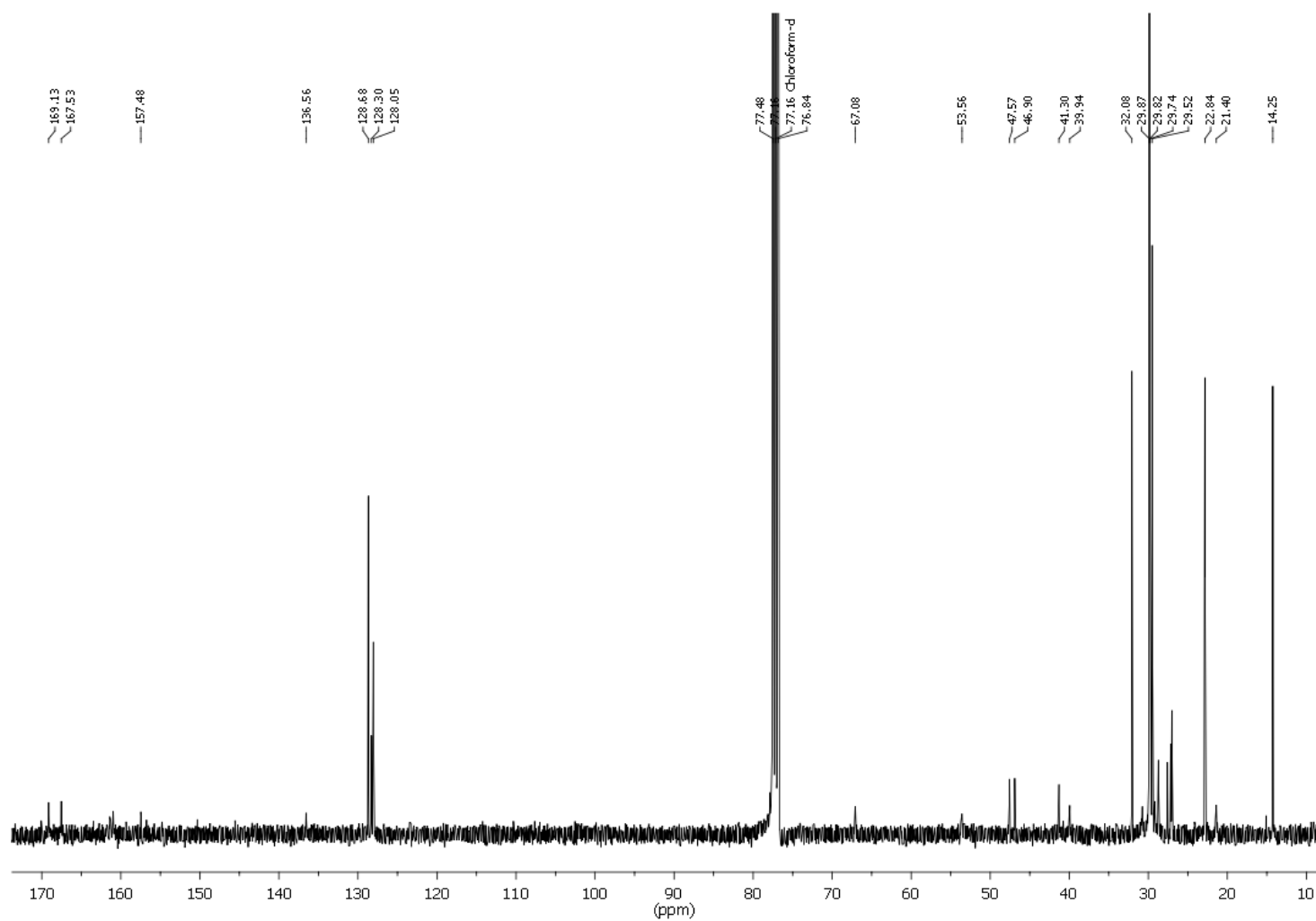
Compound 4: δ_C (100 MHz; $CDCl_3$)



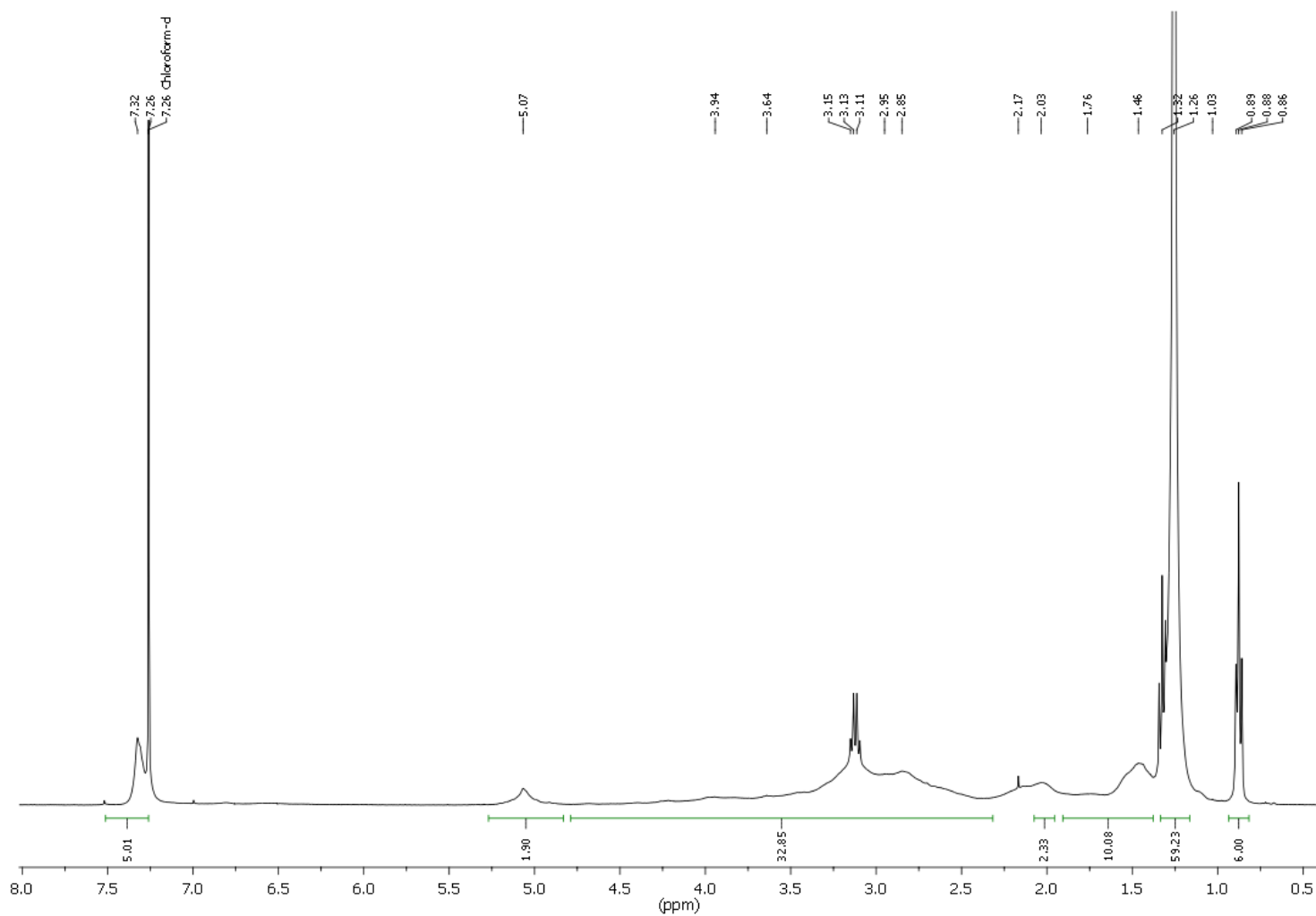
Compound 5: δ_{H} (400 MHz; CDCl_3)



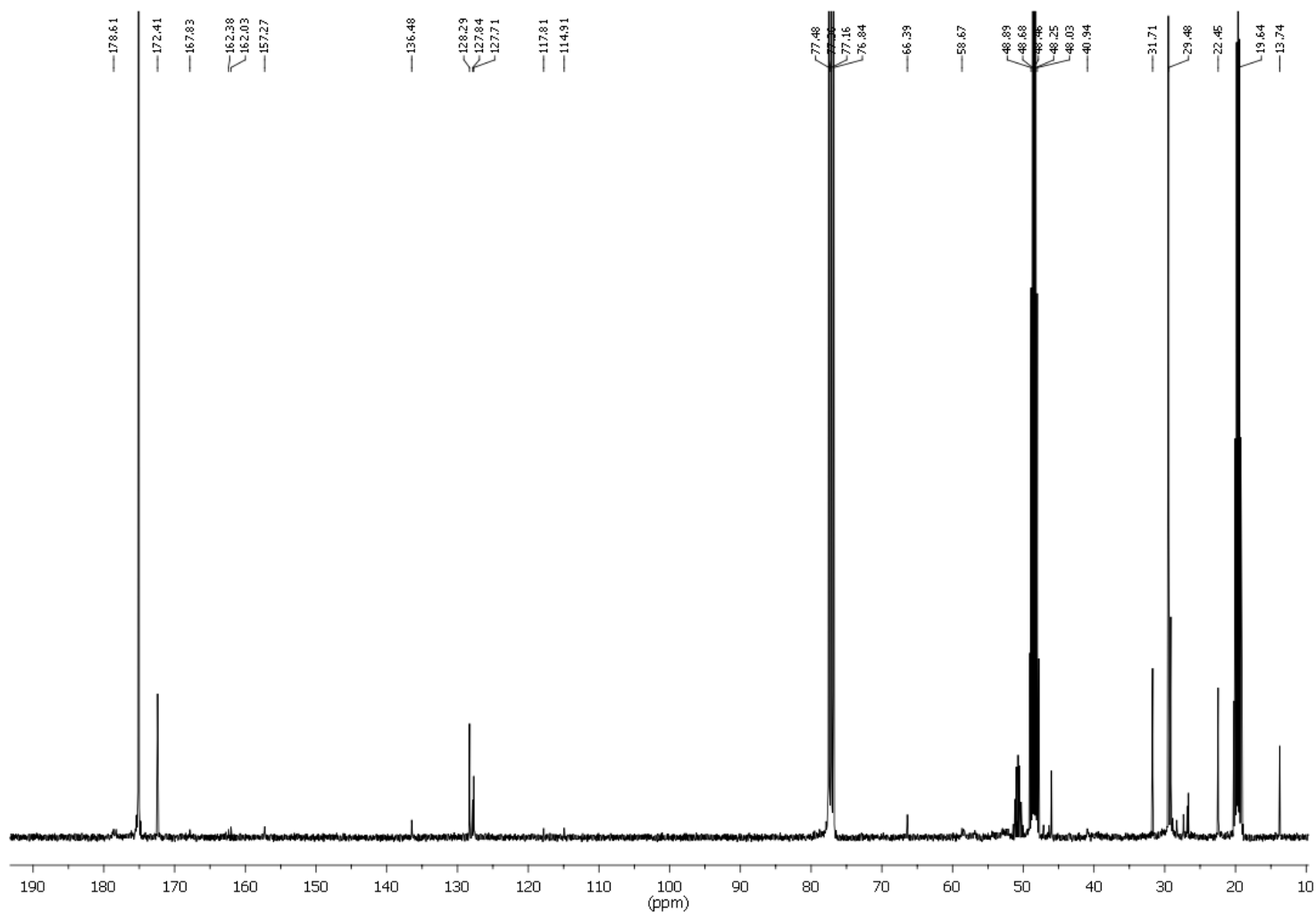
Compound 5: δ_c (100 MHz; $CDCl_3$)



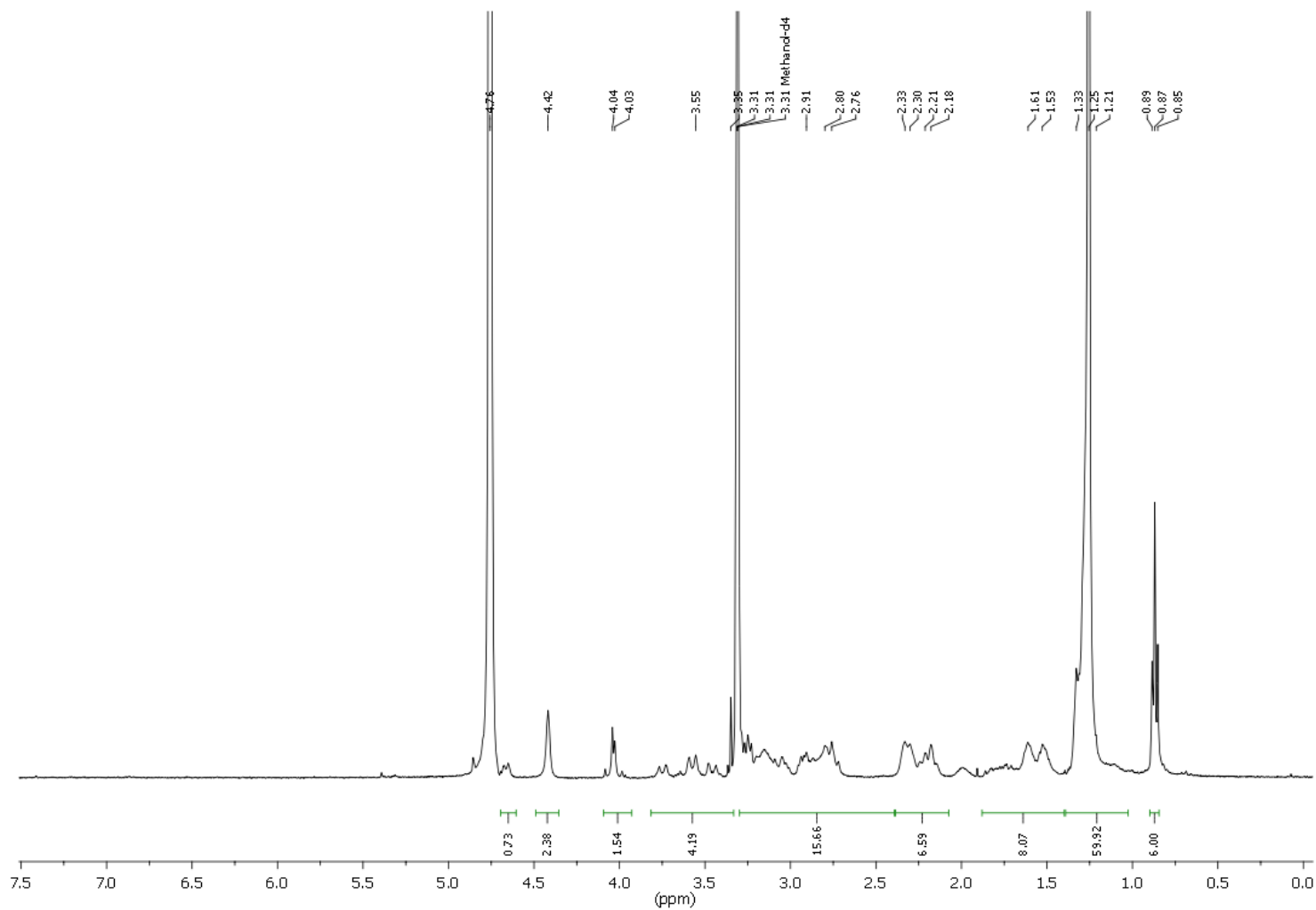
Compound 7: δ_{H} (400 MHz; CDCl_3)



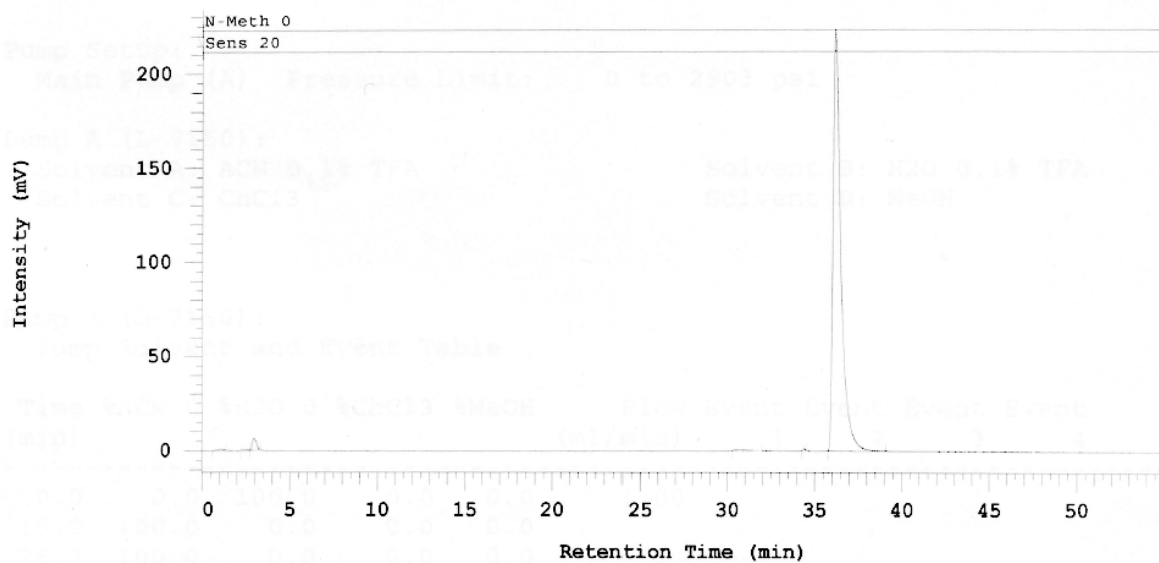
Compound 7: δ_c (100 MHz; $CDCl_3$)



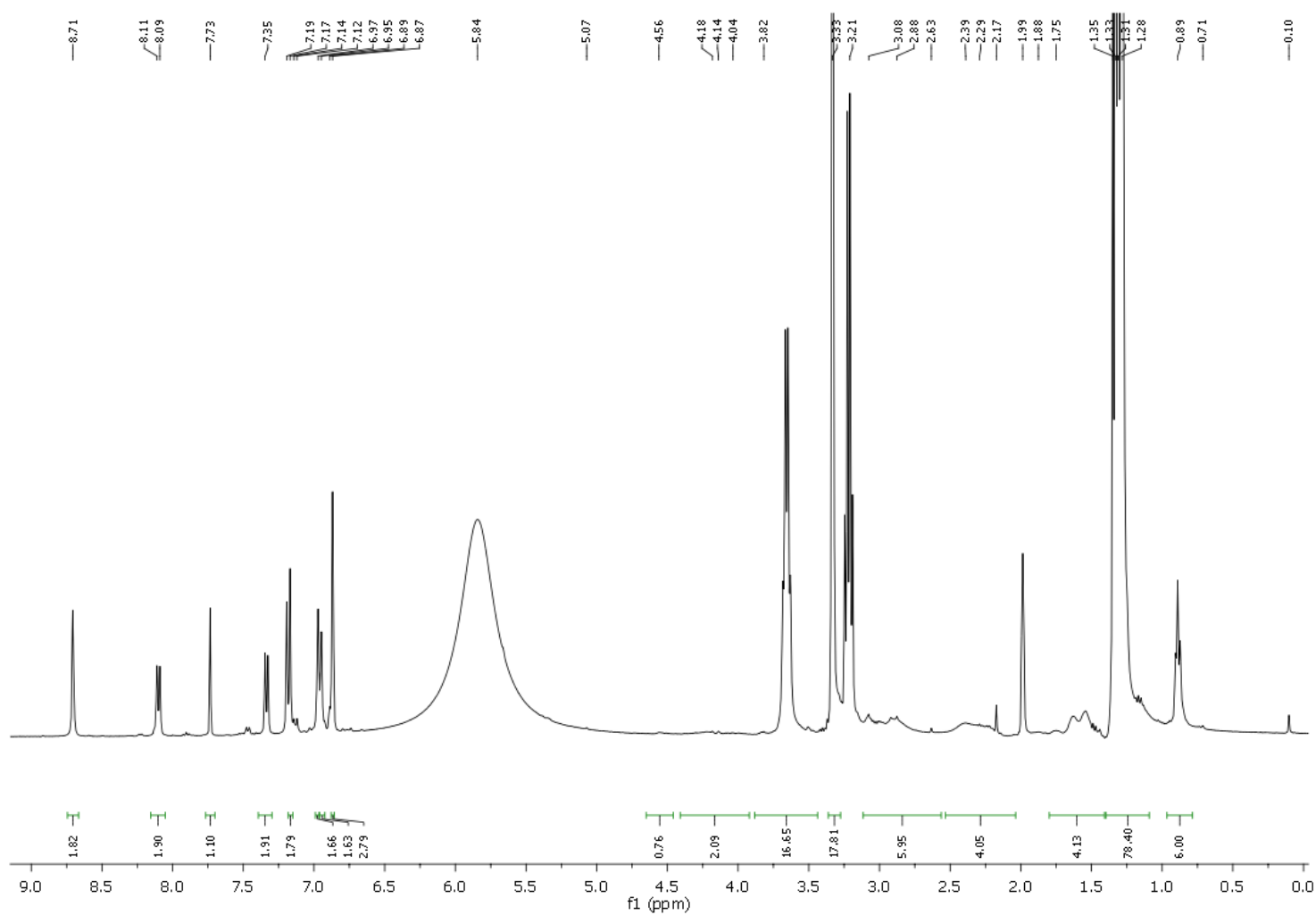
Compound 8: δ_{H} (400 MHz; MeOD: CDCl_3 3:1)



Compound 8: HPLC: HPLC t_R = 36.20 min, column C-4 peptide, gradient mix: 0.0 min [100% A], 15-25.0 min [100% B], 25.1-45.0 min [100% C], 45.1-55.00 min [100% A]; flow: 1 mL/min.



Compound 10: δ_H (400 MHz; MeOD:CDCl₃:AcOD 3:1:1)



Compound 1: HPLC: HPLC t_R = 34.19 min, column C-4 peptide, gradient mix: 0.0 min [100% A], 15-25.0 min [100% B], 25.1-45.0 min [100% C], 45.1-55.00 min [100% A]; flow 1: mL/min.

