

Article

Elsinopirins A-D, decalin polyketides from the ascomycete *Elsinoë piri*

Frank Surup^{1,2}, Kathrin Pommerehne^{1,4}, Hans-Josef Schroers³ and Marc Stadler^{1,2,*}

¹ Microbial Drugs, Helmholtz Centre for Infection Research GmbH (HZI), Inhoffenstraße 7, 38124 Braunschweig, Germany; frank.surup@helmholtz-hzi.de (F.S.); k.pommerehne@tu-braunschweig.de (K.P.)

² German Centre for Infection Research Association (DZIF), partner site Hannover-Braunschweig, Inhoffenstraße 7, 38124 Braunschweig, Germany

³ Agricultural Institute of Slovenia, Hacquetova ulica 17, 1000 Ljubljana, Slovenia; hans.schroers@kis.si

⁴ Institute of Biochemical Engineering, Technical University Braunschweig, Rebenring 56, 38106 Braunschweig; Germany; k.pommerehne@tu-braunschweig.de

* Correspondence: marc.stadler@helmholtz-hzi.de; Tel.: +49-531-6181-4240

--- Supporting Information---

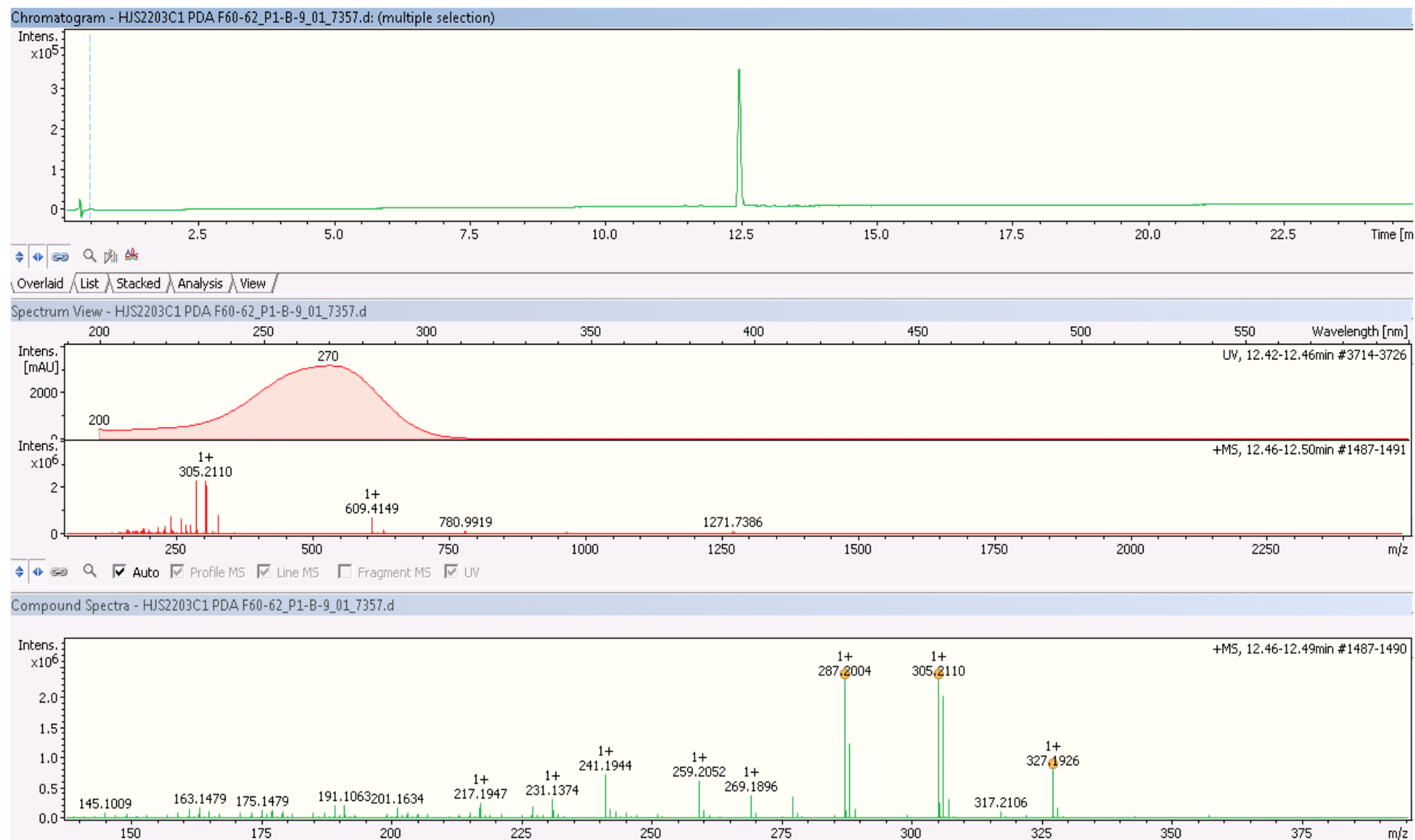


Figure S1: HPLC-HRESIMS data of elsinopirin A (1).

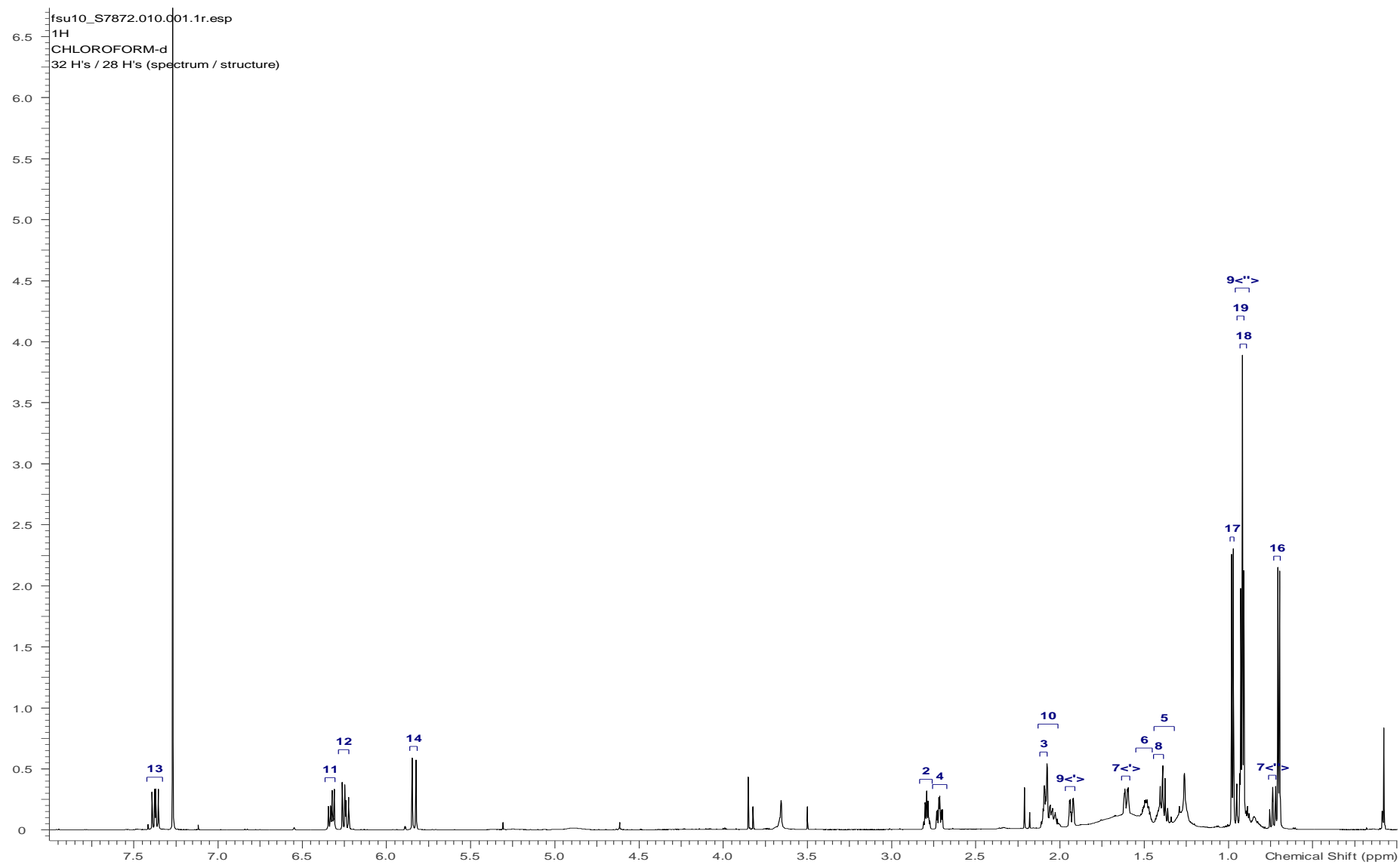


Figure S2: ^1H NMR spectrum (700 MHz, CDCl_3) of elsinopirin A (**1**).

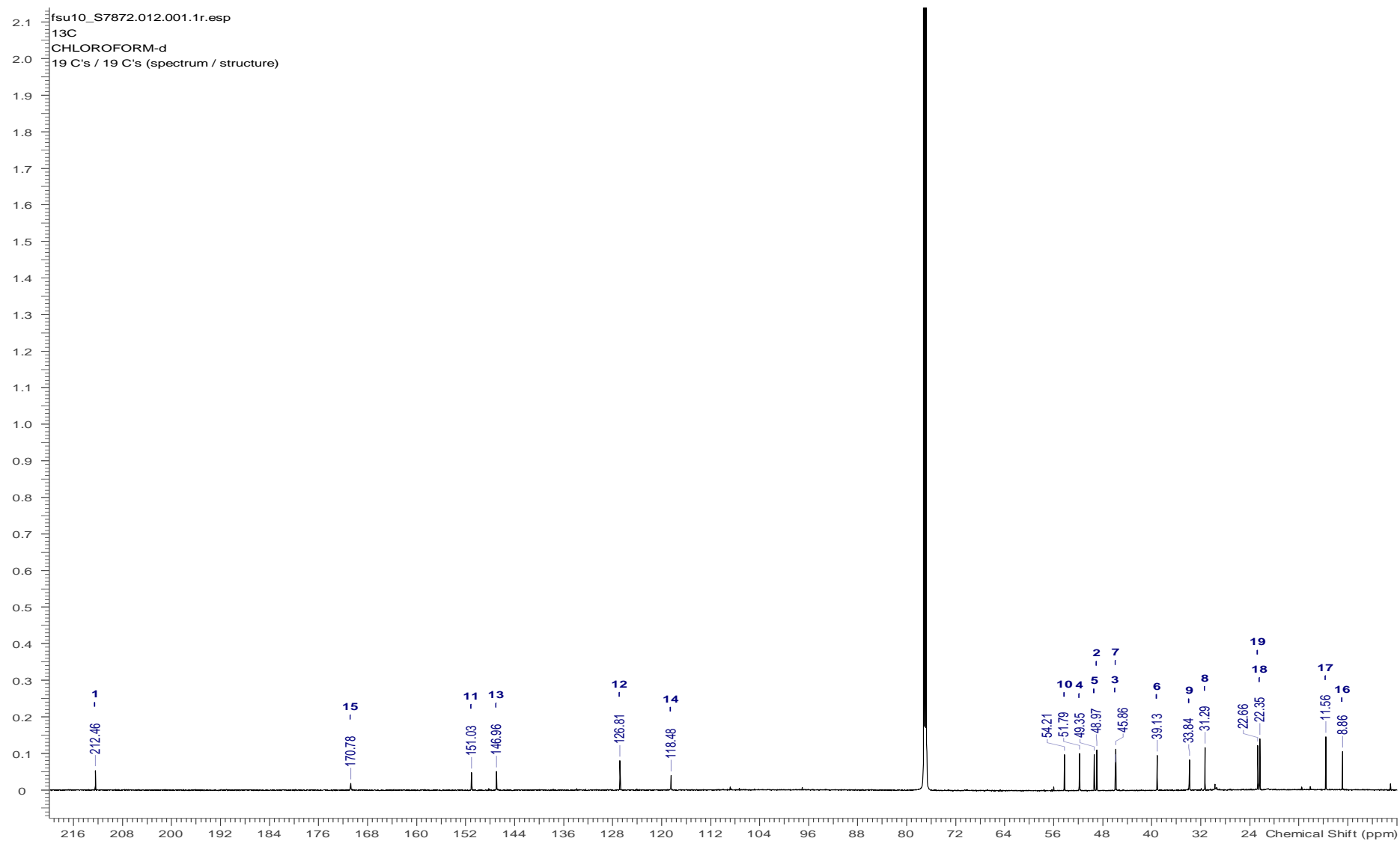


Figure S3: ^{13}C NMR spectrum (175 MHz, CDCl_3) of elsinopirin A (**1**).

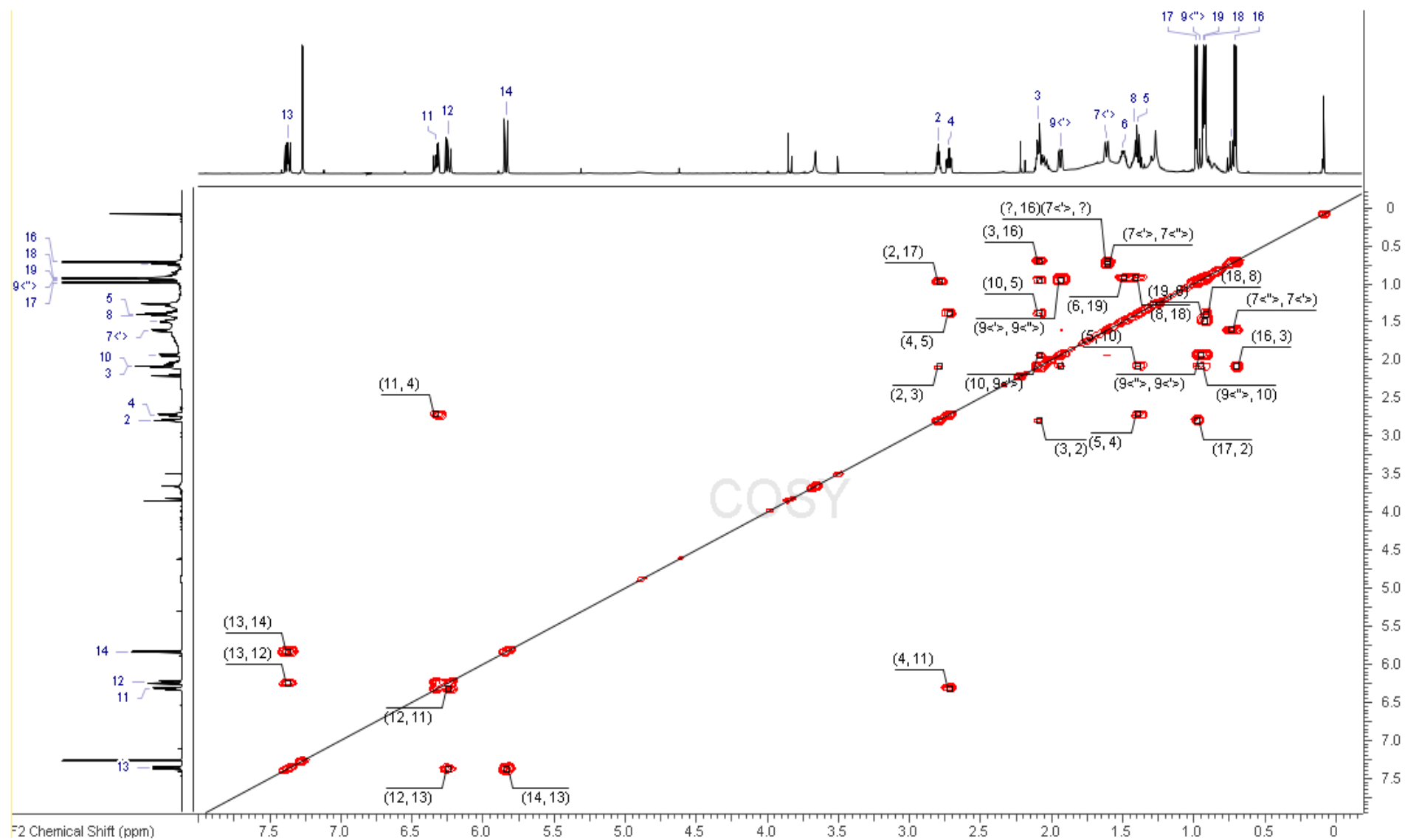


Figure S4: COSY NMR spectrum (700 MHz, CDCl₃) of elsinopirin A (**1**).

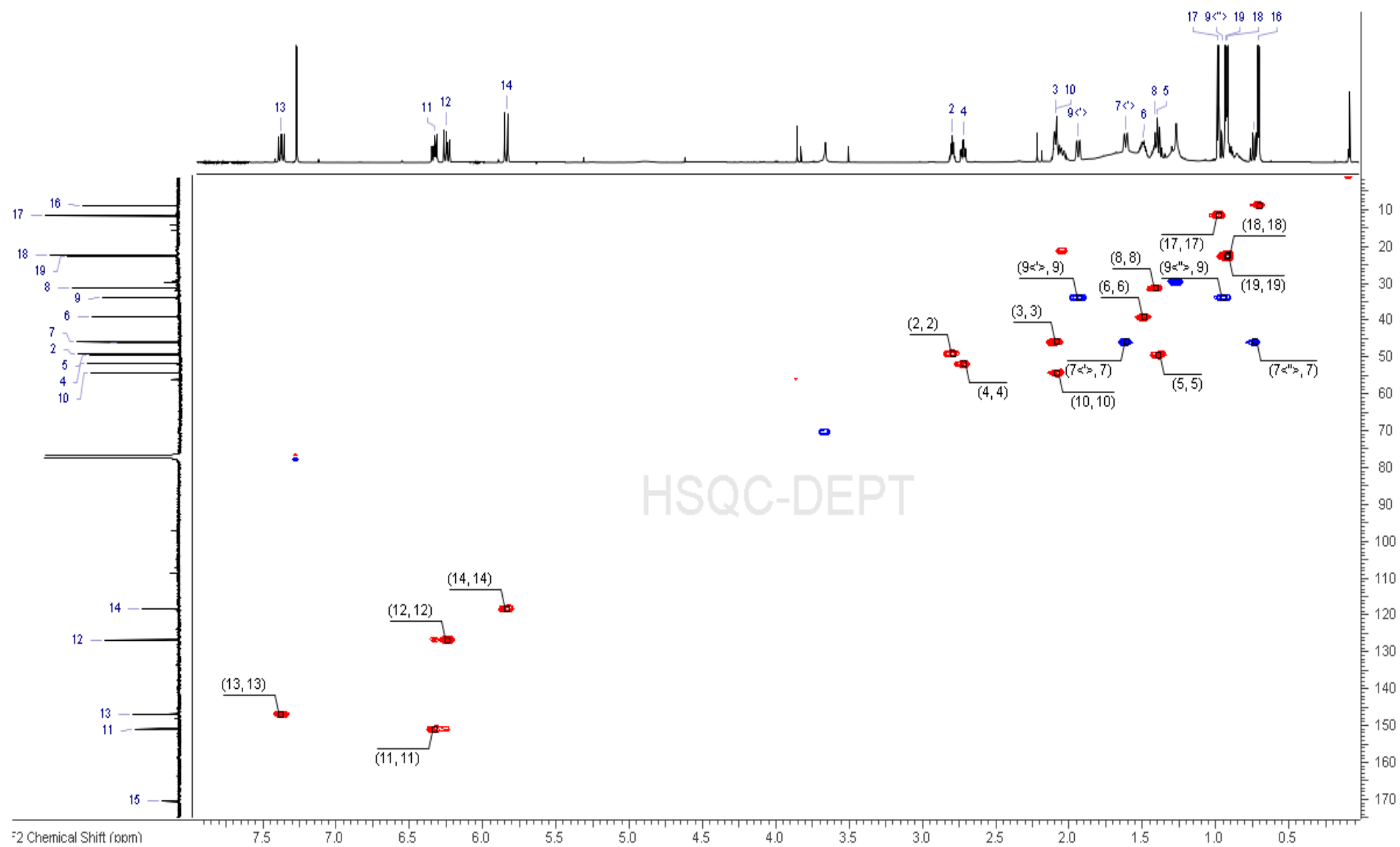


Figure S5: HSQC NMR spectrum (700 MHz, CDCl₃) of elsinopirin A (1).

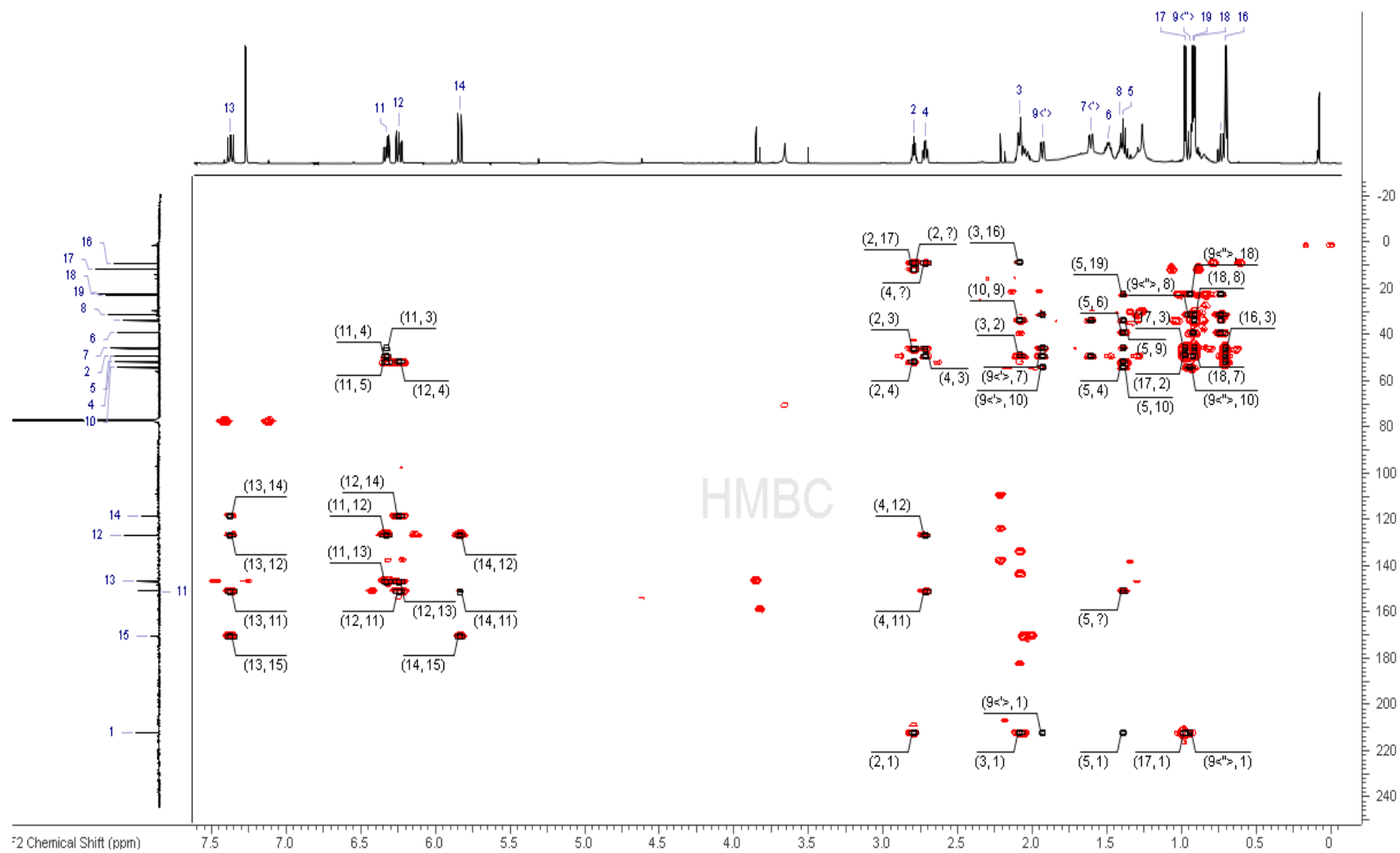


Figure S6: HMBC NMR spectrum (700 MHz, CDCl₃) of elsinopirin A (1).

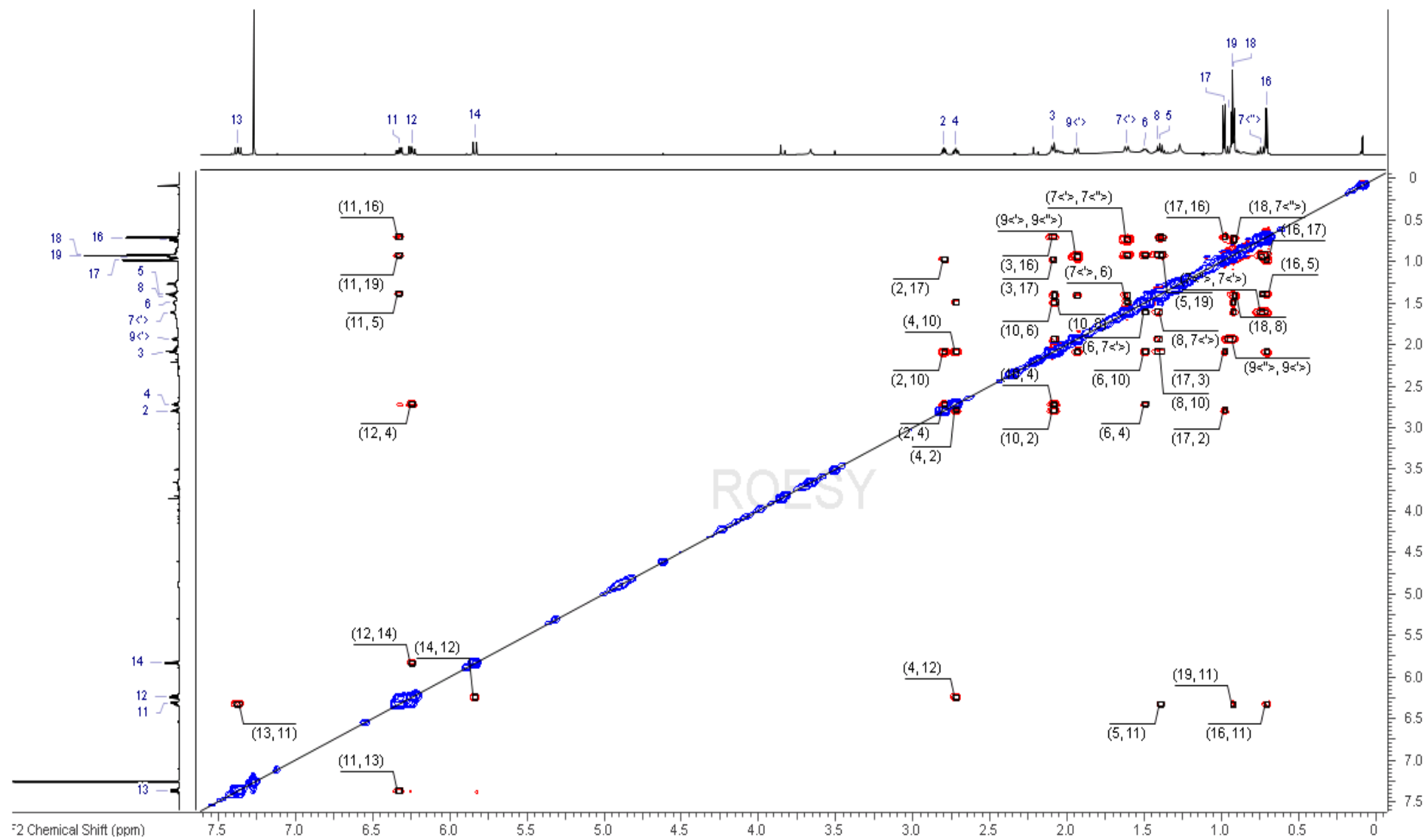


Figure S7: ROESY NMR spectrum (700 MHz, CDCl₃) of elsinopirin A (1).

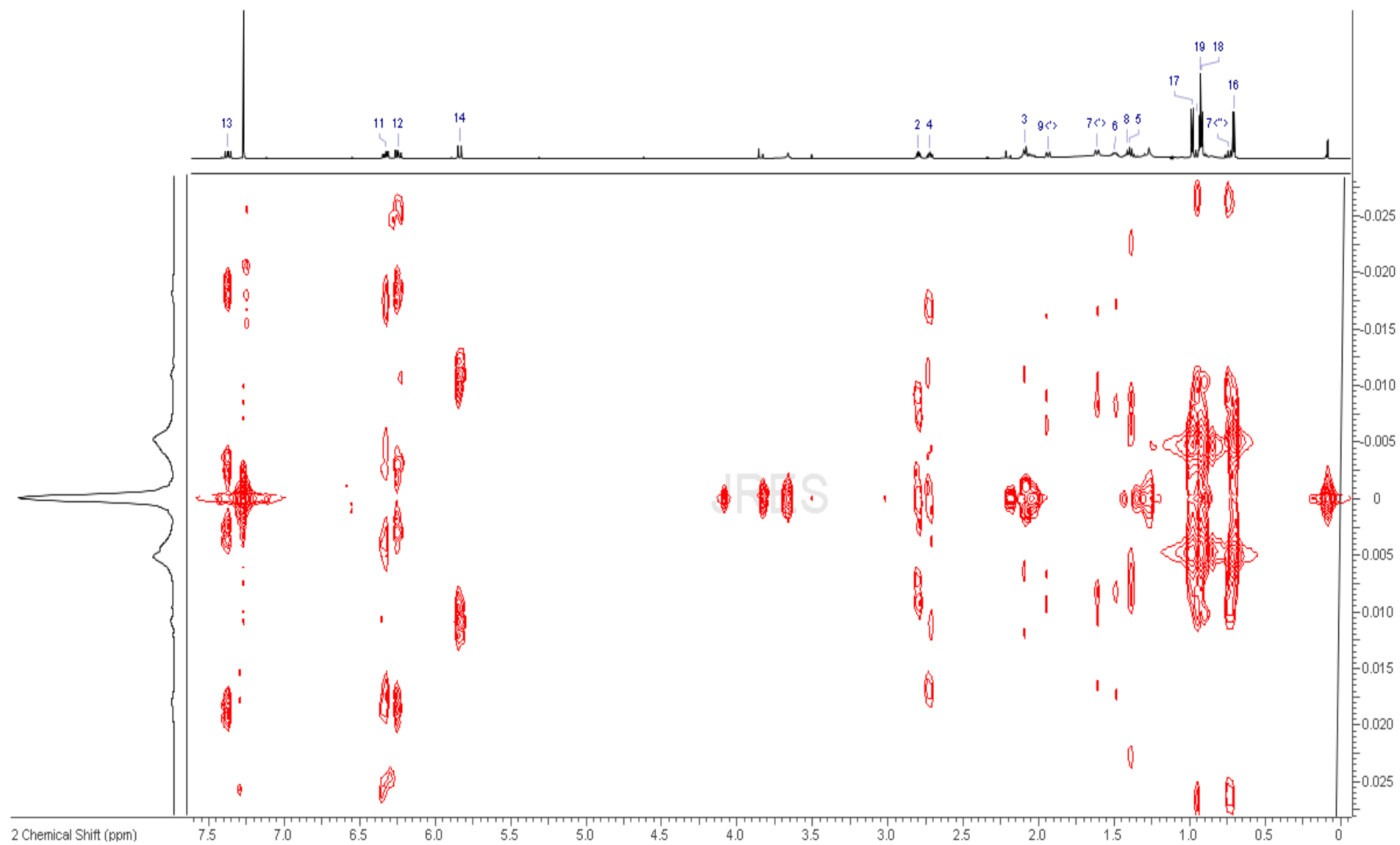


Figure S8: J -resolved NMR spectrum (700 MHz, CDCl_3) of elsinopirin A (1).

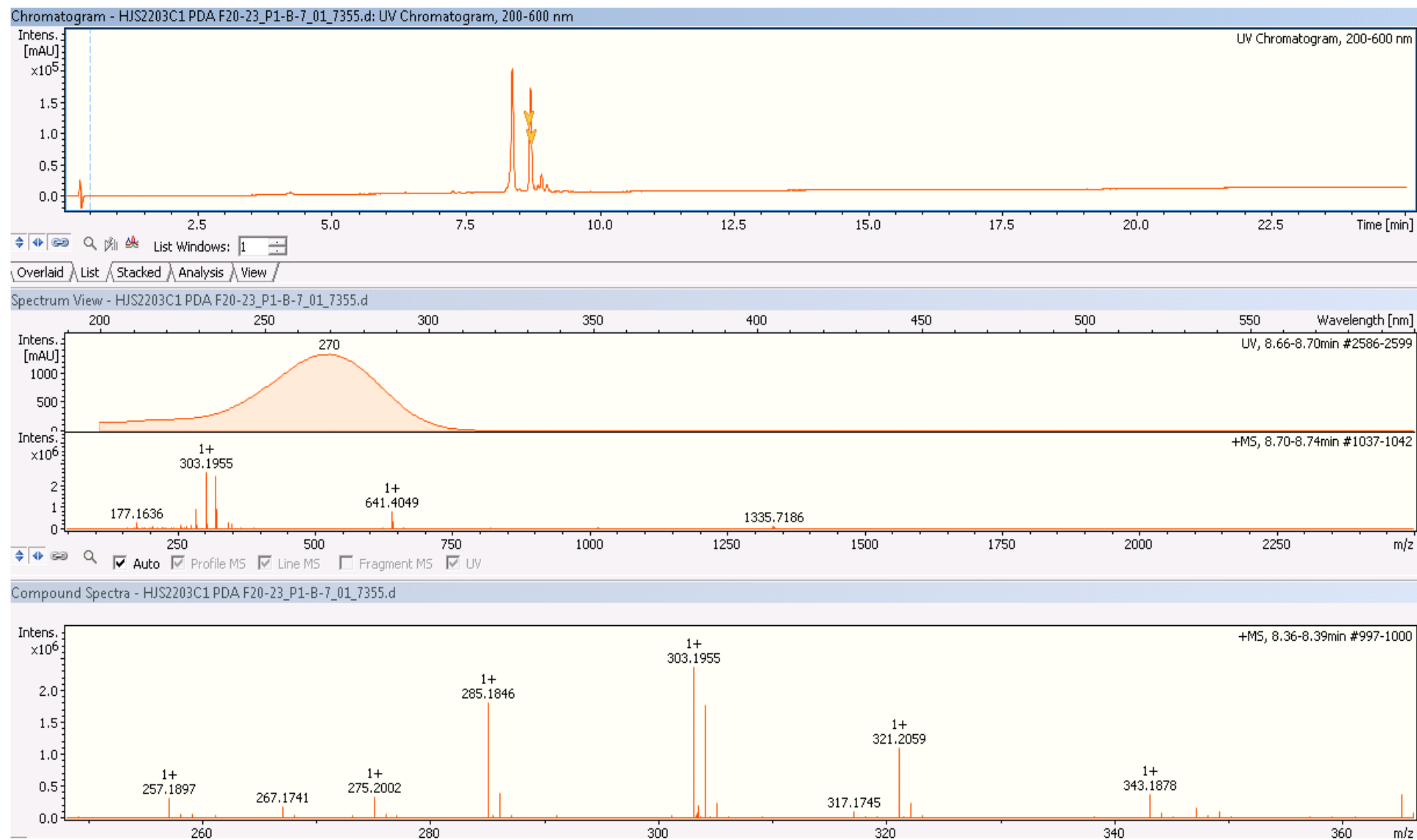


Figure S9: HPLC-HRESIMS data of elsinopirin B (2).

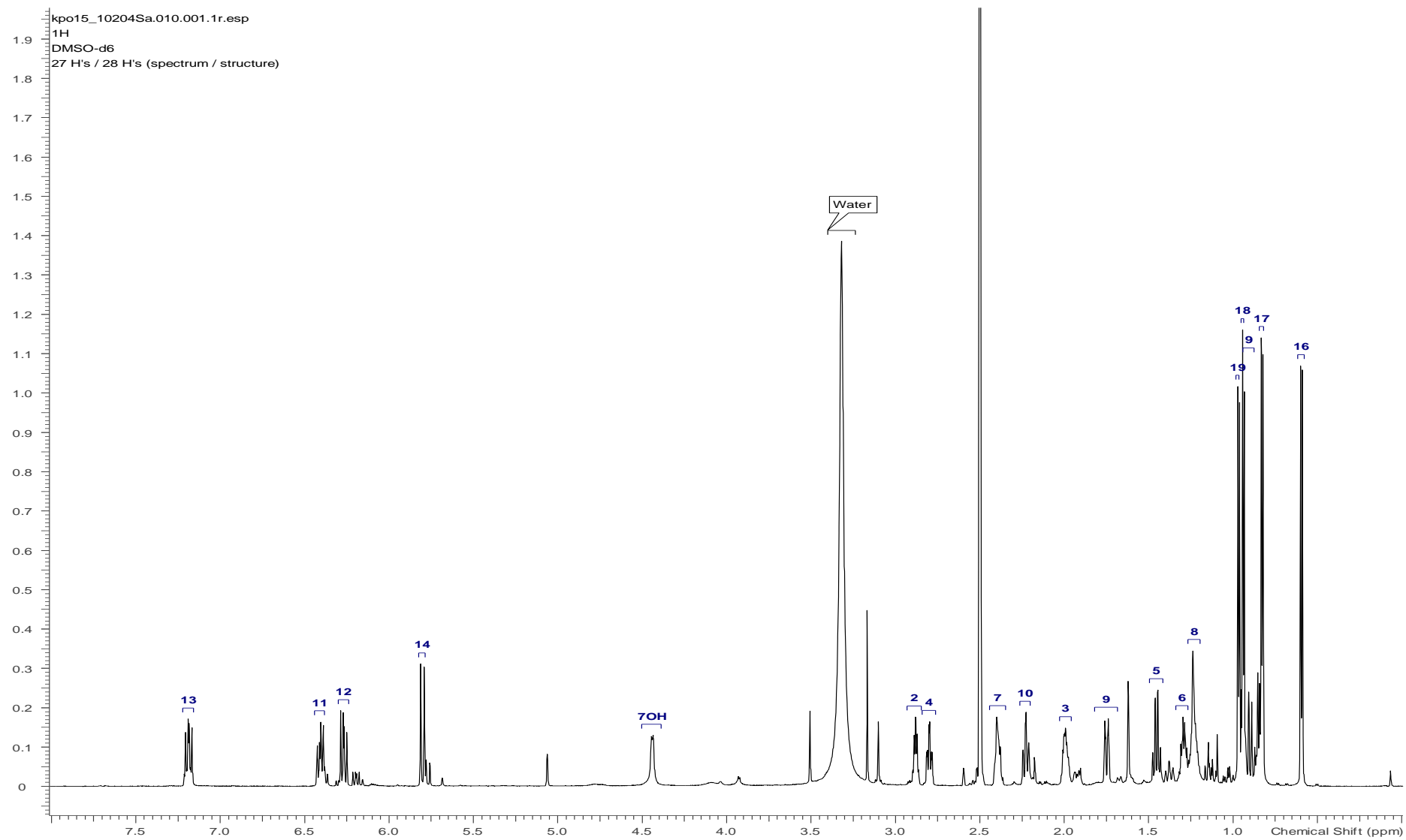


Figure S10: ^1H NMR spectrum (700 MHz, $\text{DMSO-}d_6$) of elsinopirin B (2).

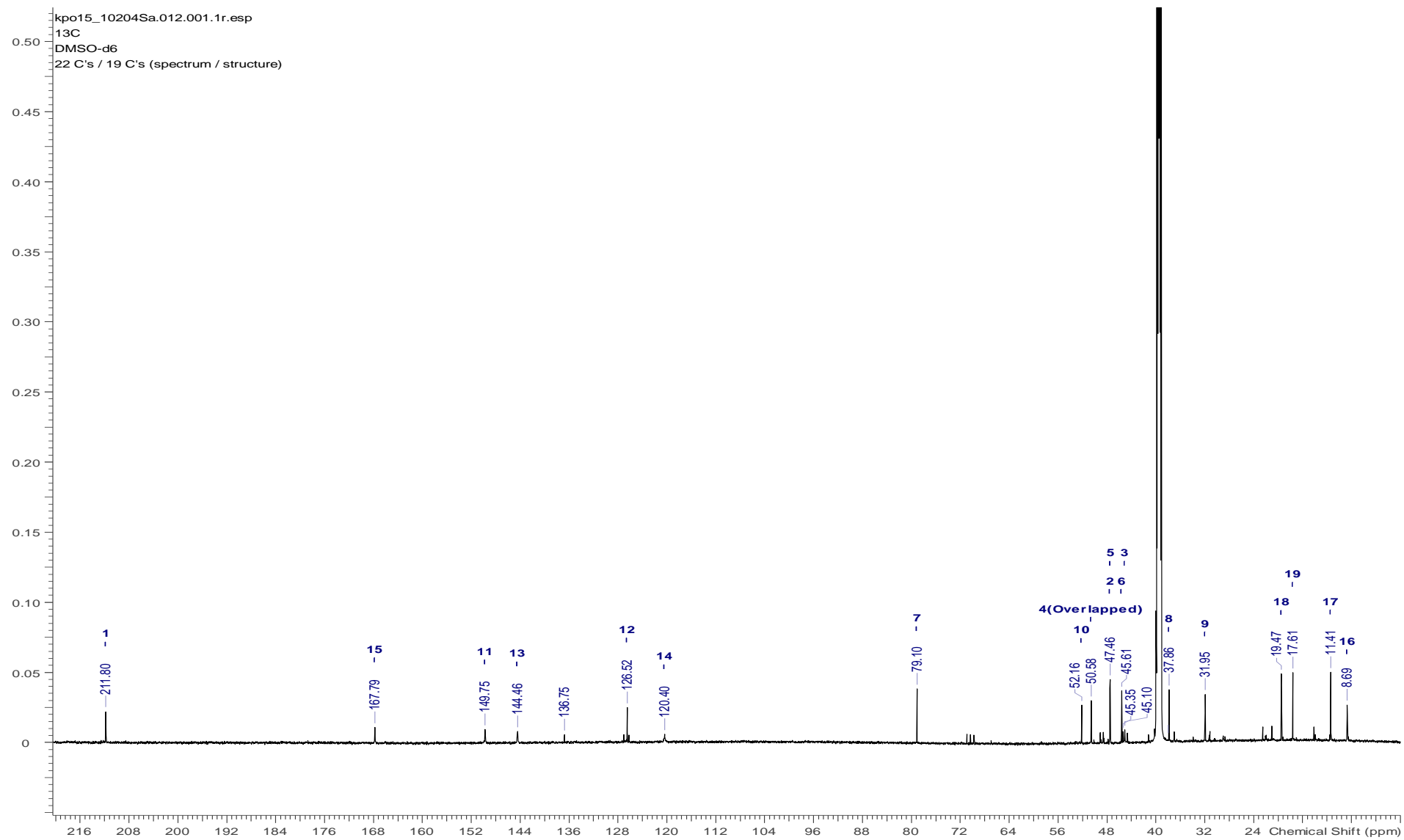


Figure S11: ^{13}C NMR spectrum (175 MHz, $\text{DMSO-}d_6$) of elsinopirin B (2).

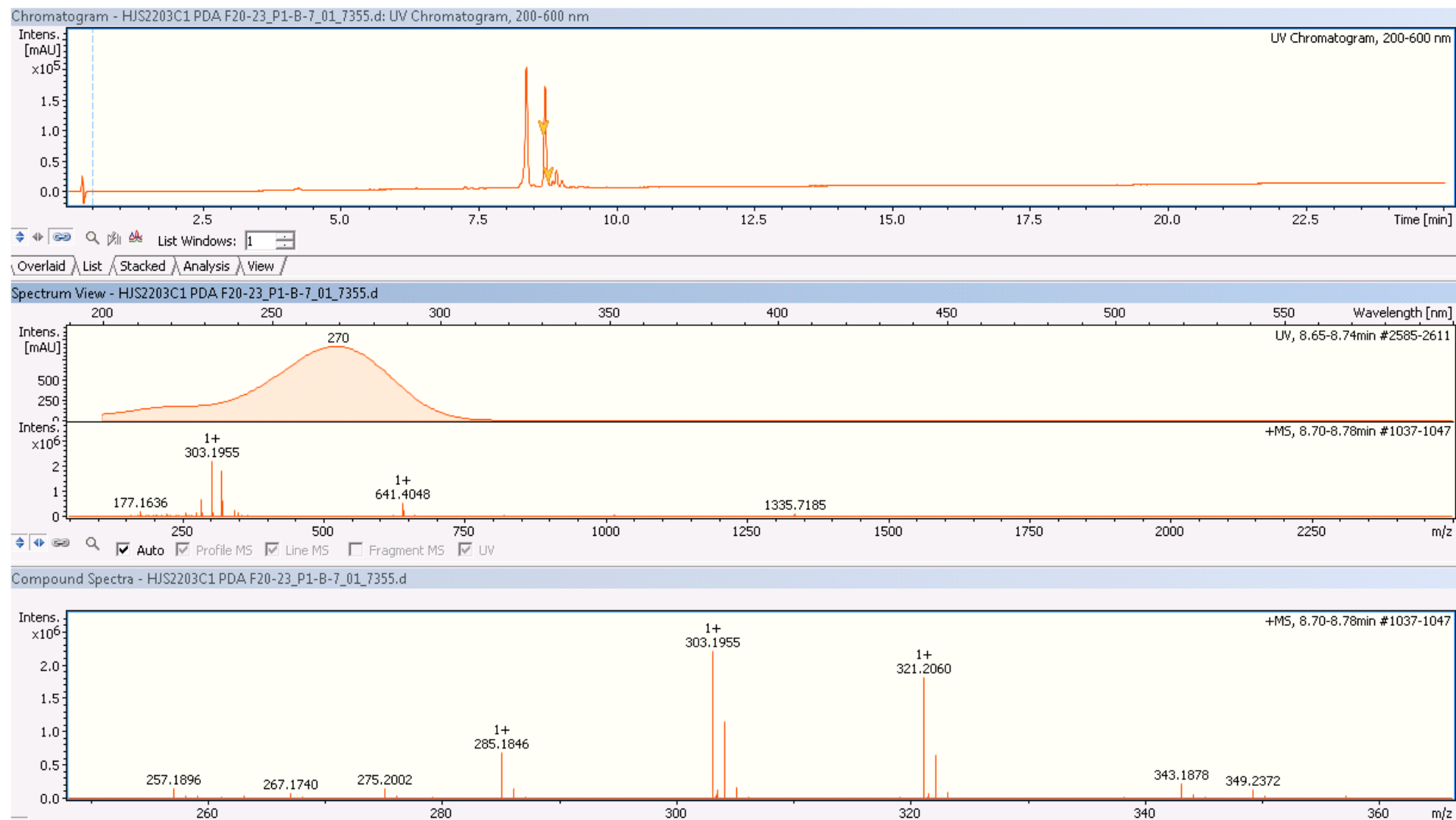


Figure S12: HPLC-HRESIMS data of elsinopirin C (3).

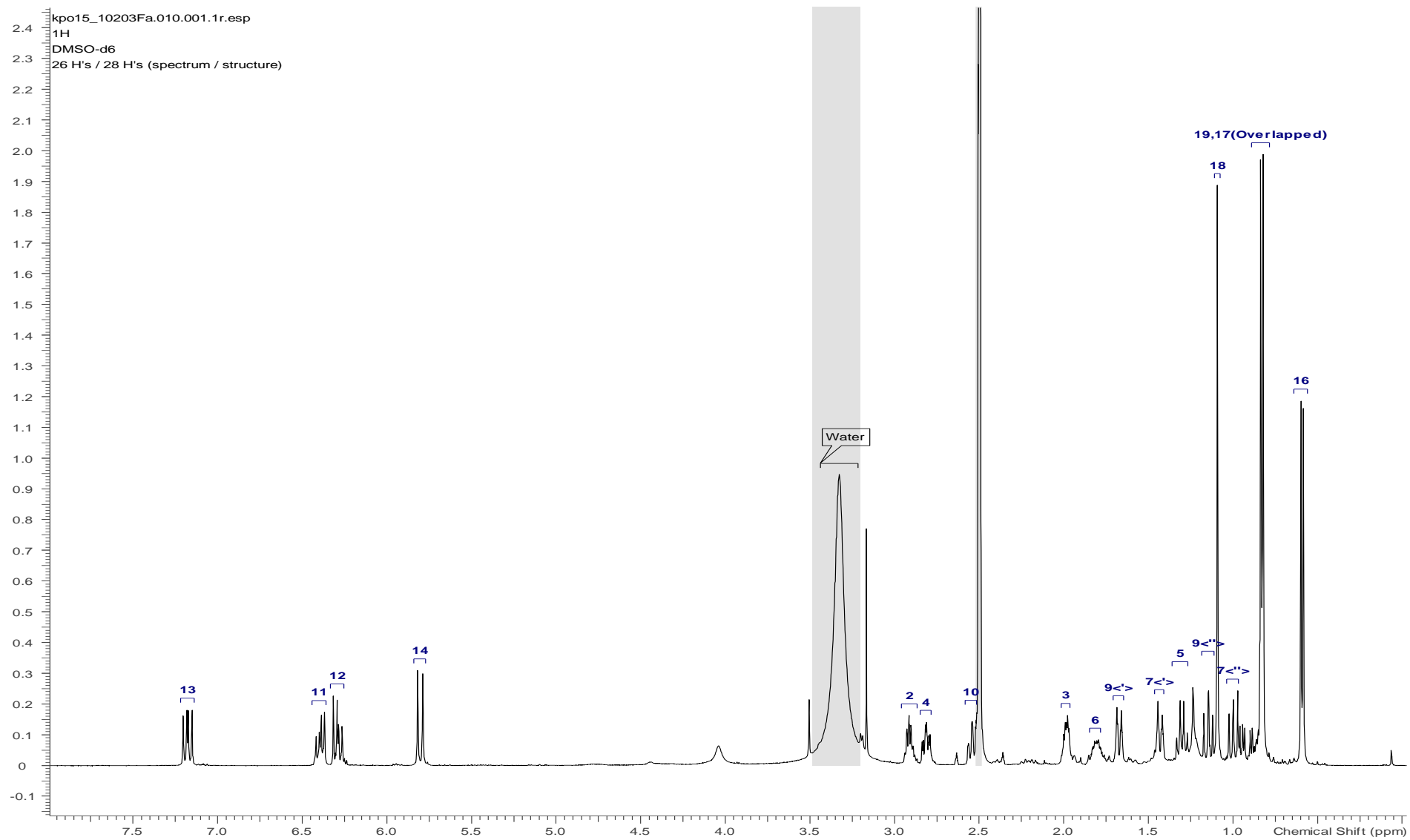


Figure S13: ^1H NMR spectrum (500 MHz, $\text{DMSO-}d_6$) of elsinopirin C (3).

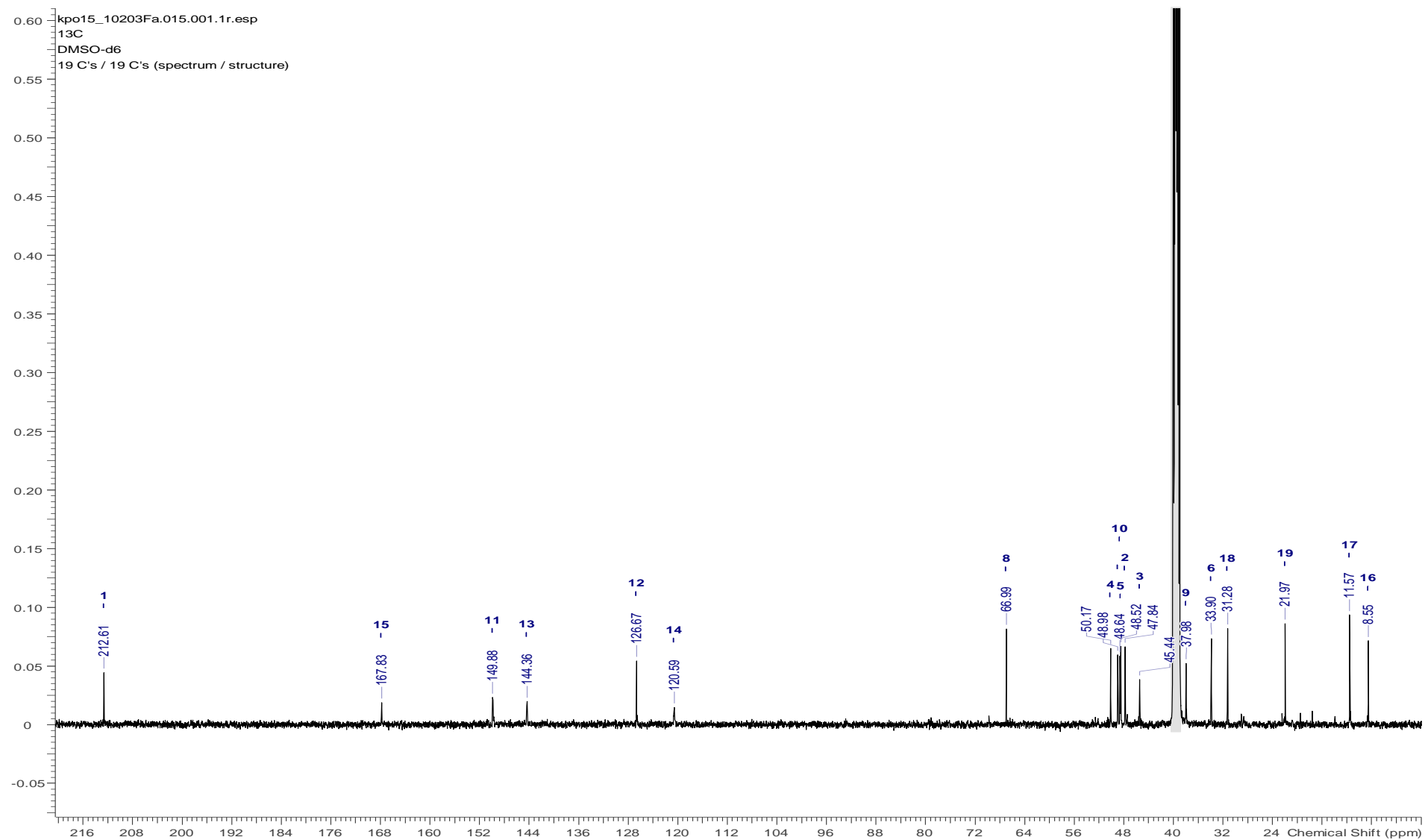


Figure S14: ^{13}C NMR spectrum (125 MHz, $\text{DMSO-}d_6$) of elsinopirin C (3).

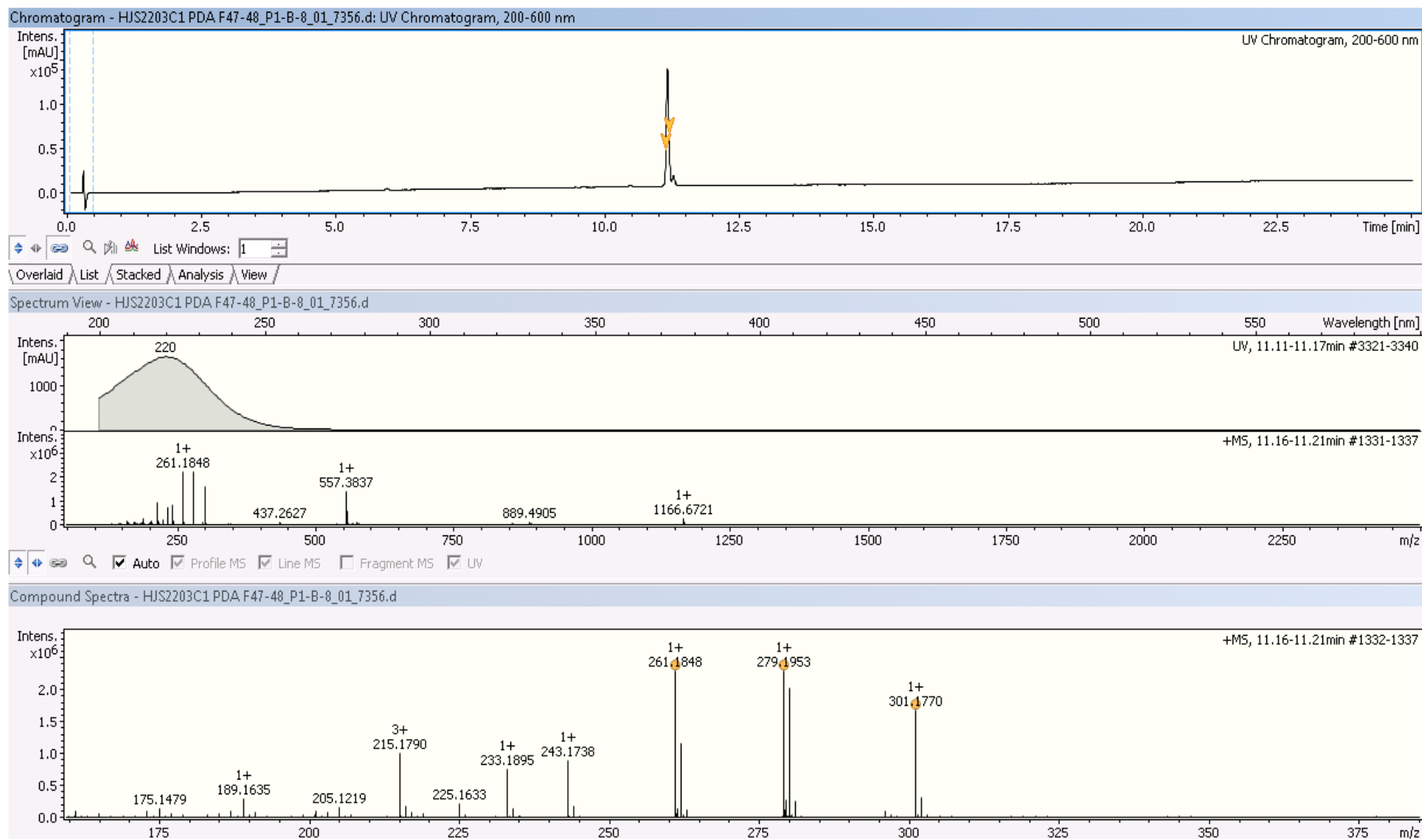


Figure S15: HPLC-HRESIMS data of elsinopirin D (4).

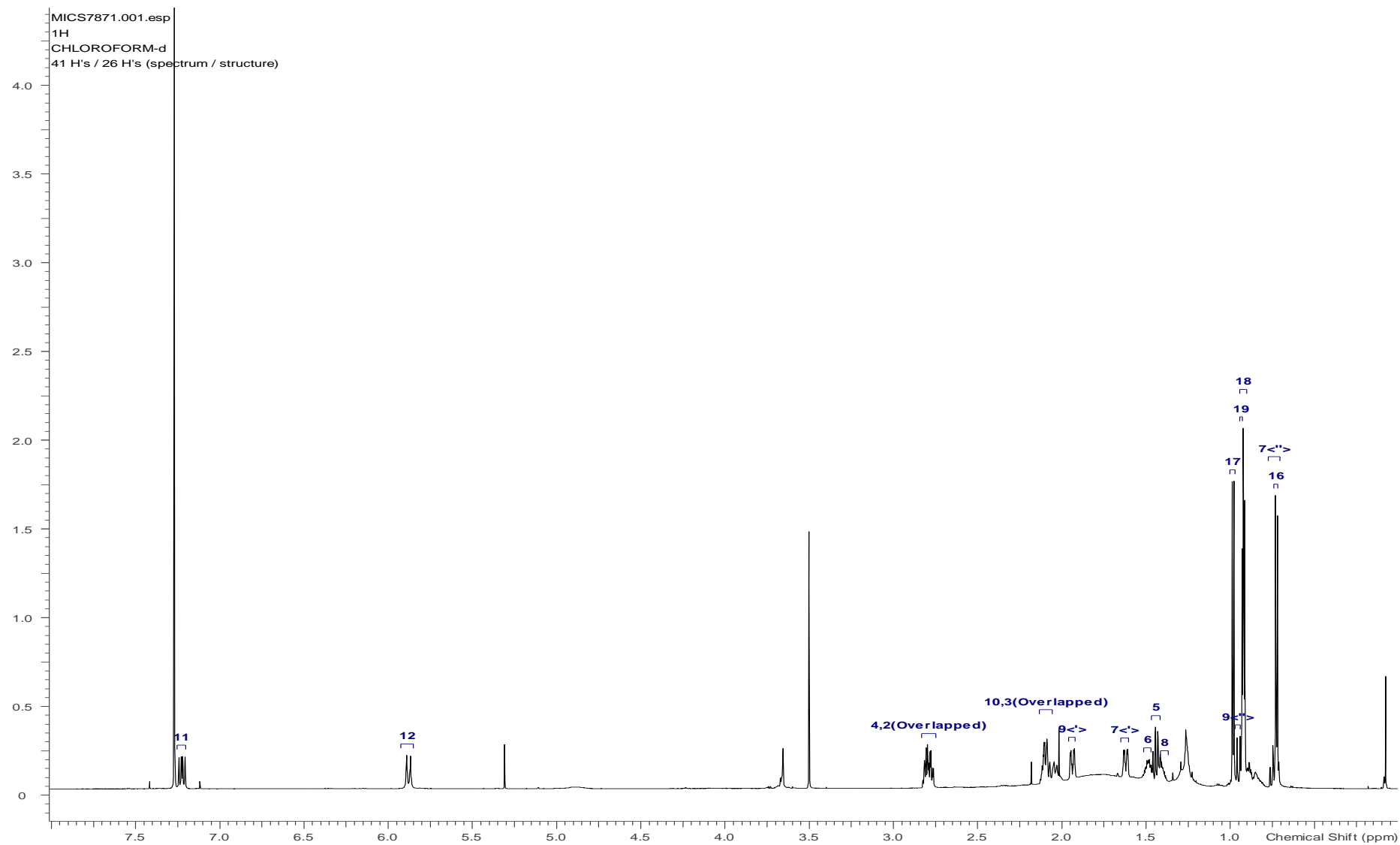


Figure S16: ^1H NMR spectrum (700 MHz, CDCl_3) of elsinopirin D (**4**).

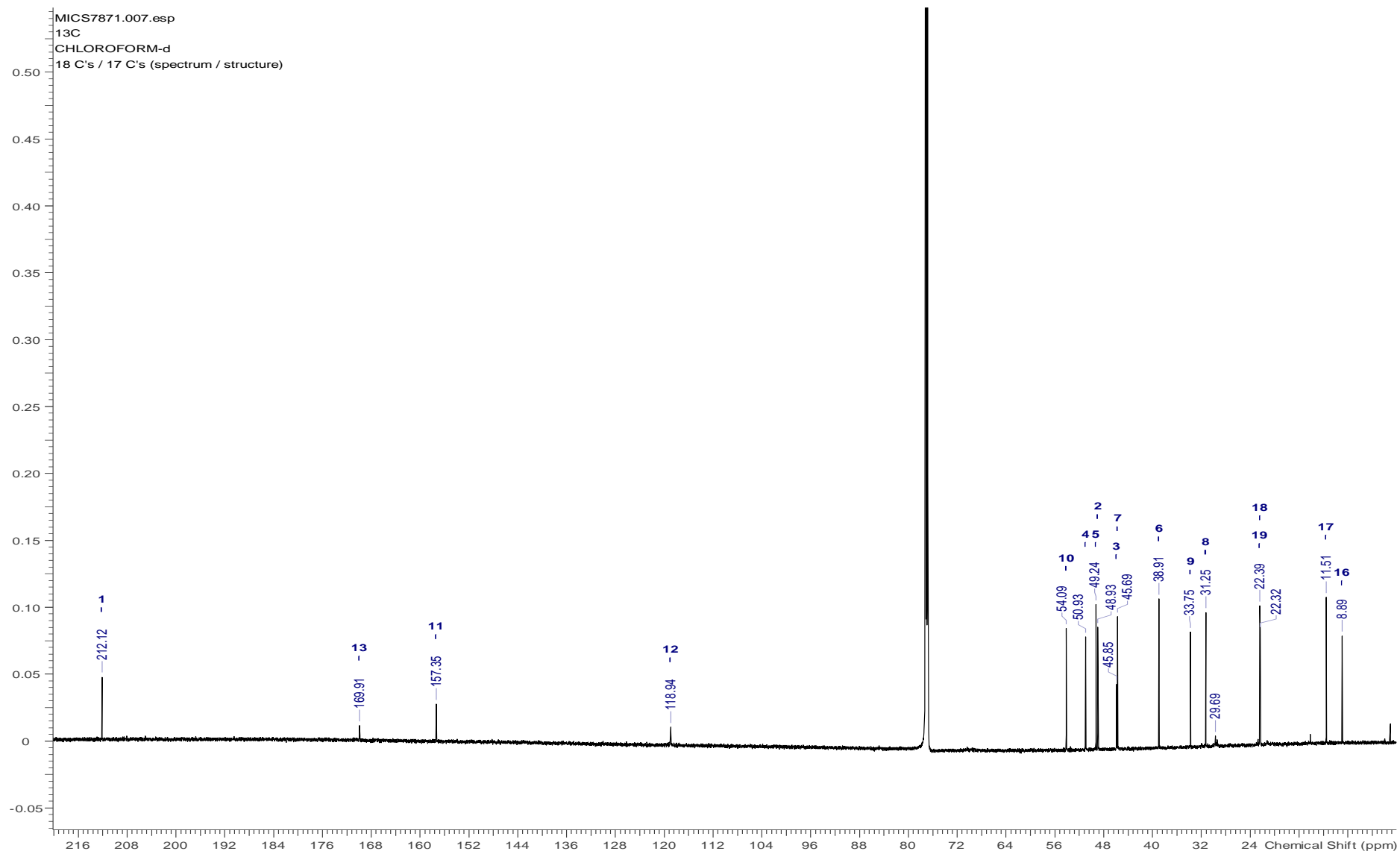


Figure S17: ^{13}C NMR spectrum (175 MHz, CDCl_3) of elsinopirin D (**4**).

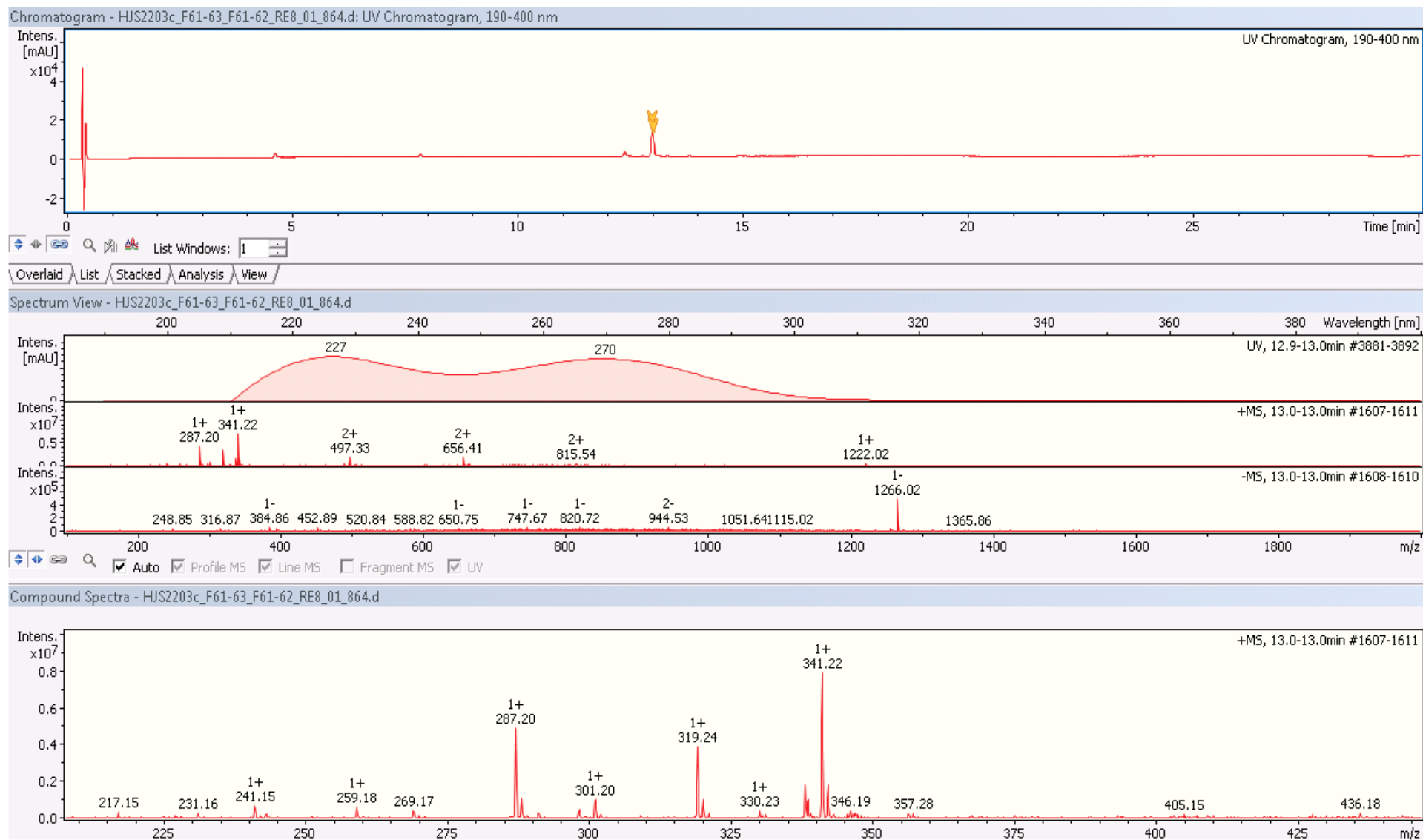


Figure S18: HPLC-ESIMS data of elsinopirin A-methylester (6).

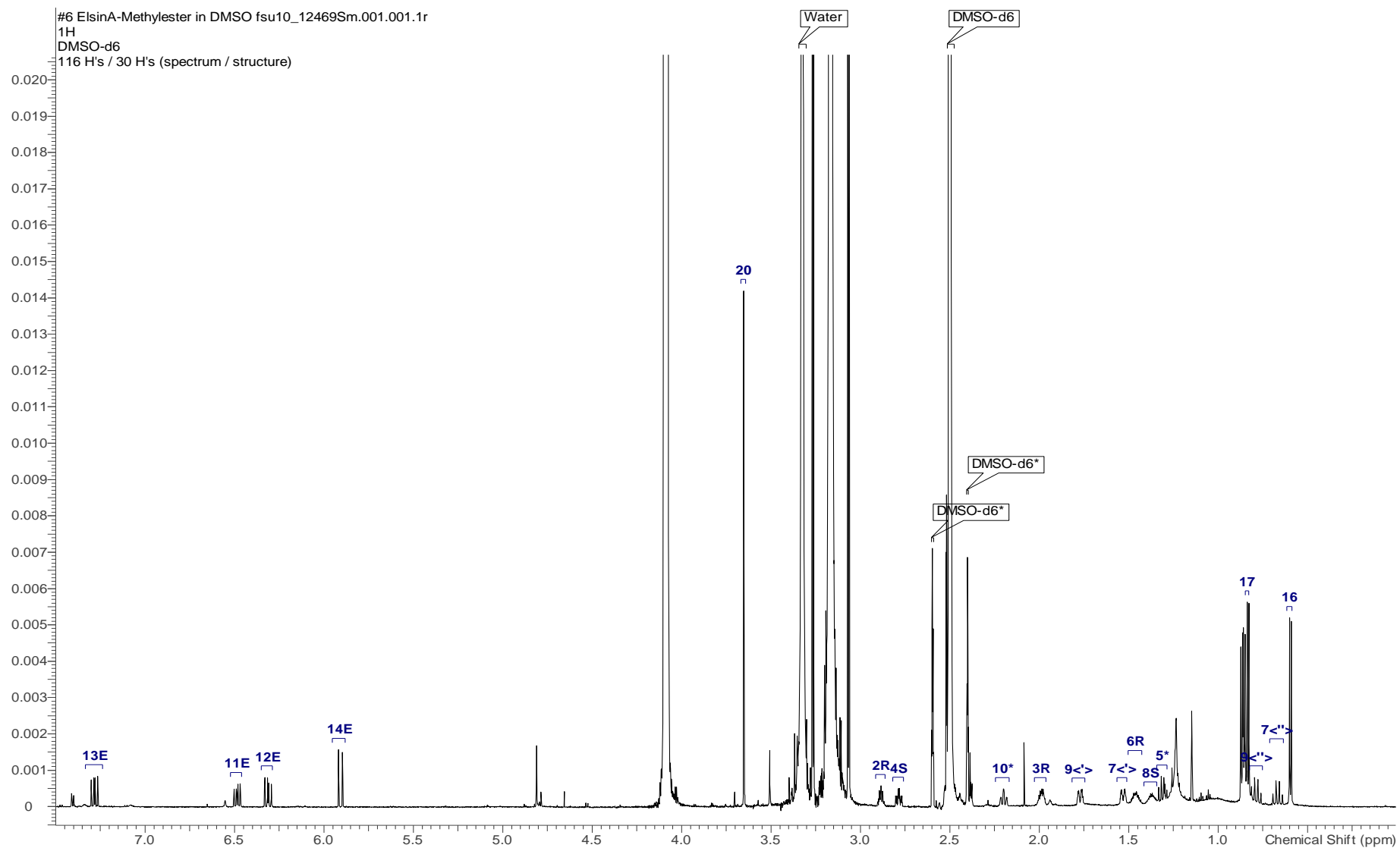


Figure S19: ^1H NMR spectrum (700 MHz, $\text{DMSO-}d_6$) of elsinopirin A-methylester (**6**).

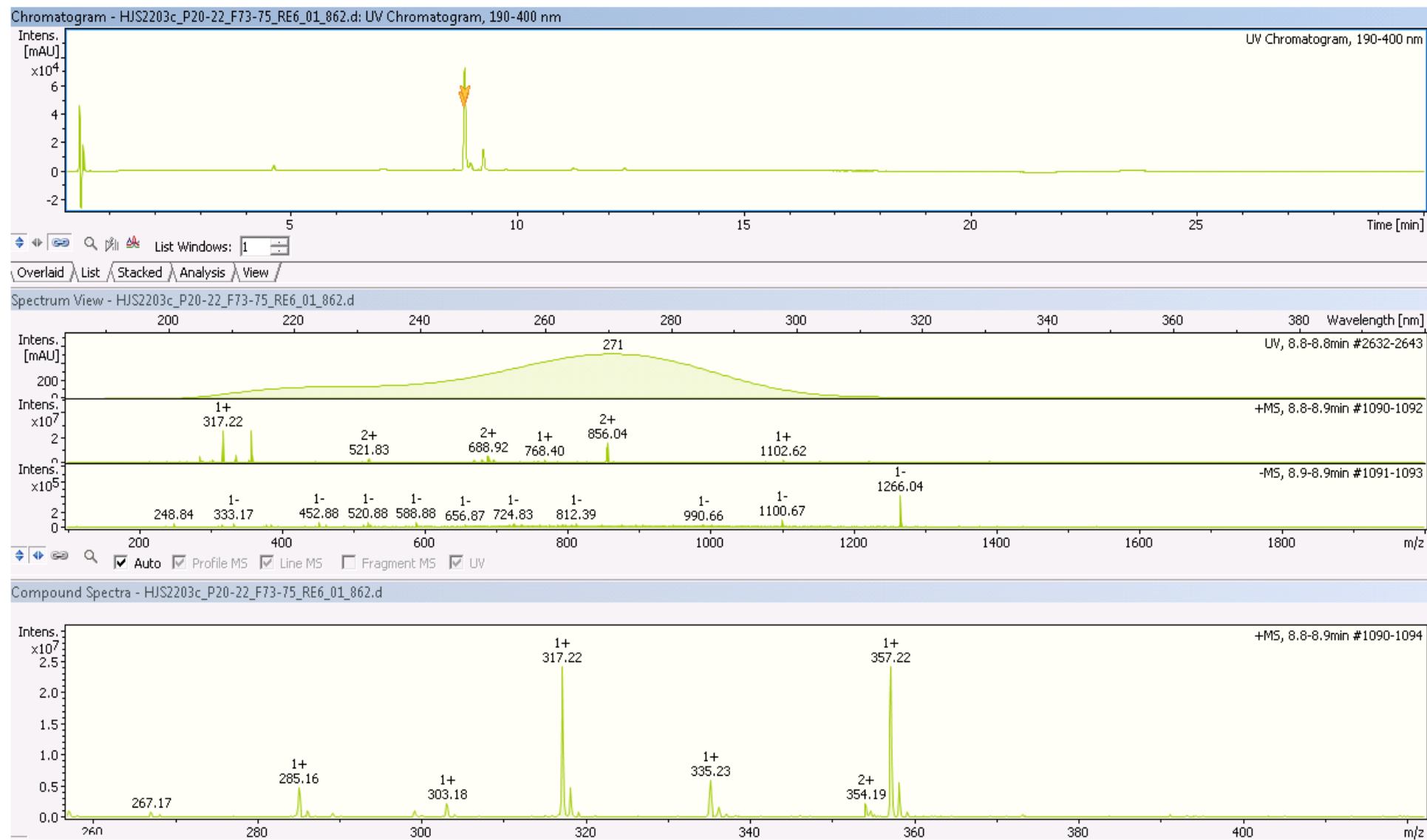


Figure S20: HPLC-ESIMS data of elsinopirin B-methylester (7).

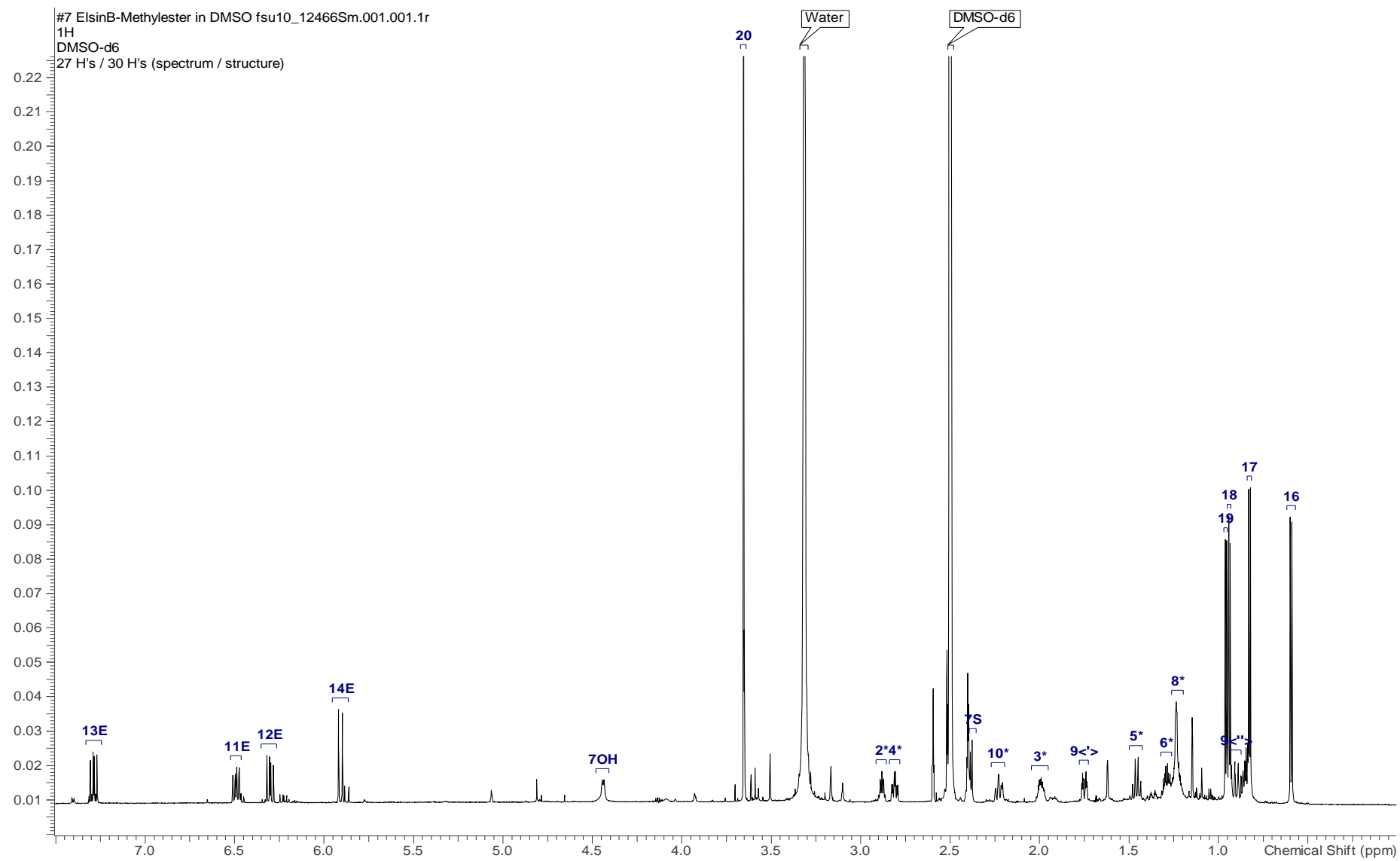


Figure S21: ^1H NMR spectrum (700 MHz, $\text{DMSO-}d_6$) of elsinopirin B-methylester (7).



Figure S22: HPLC-ESIMS data of elsinopirin C-methylester (8).

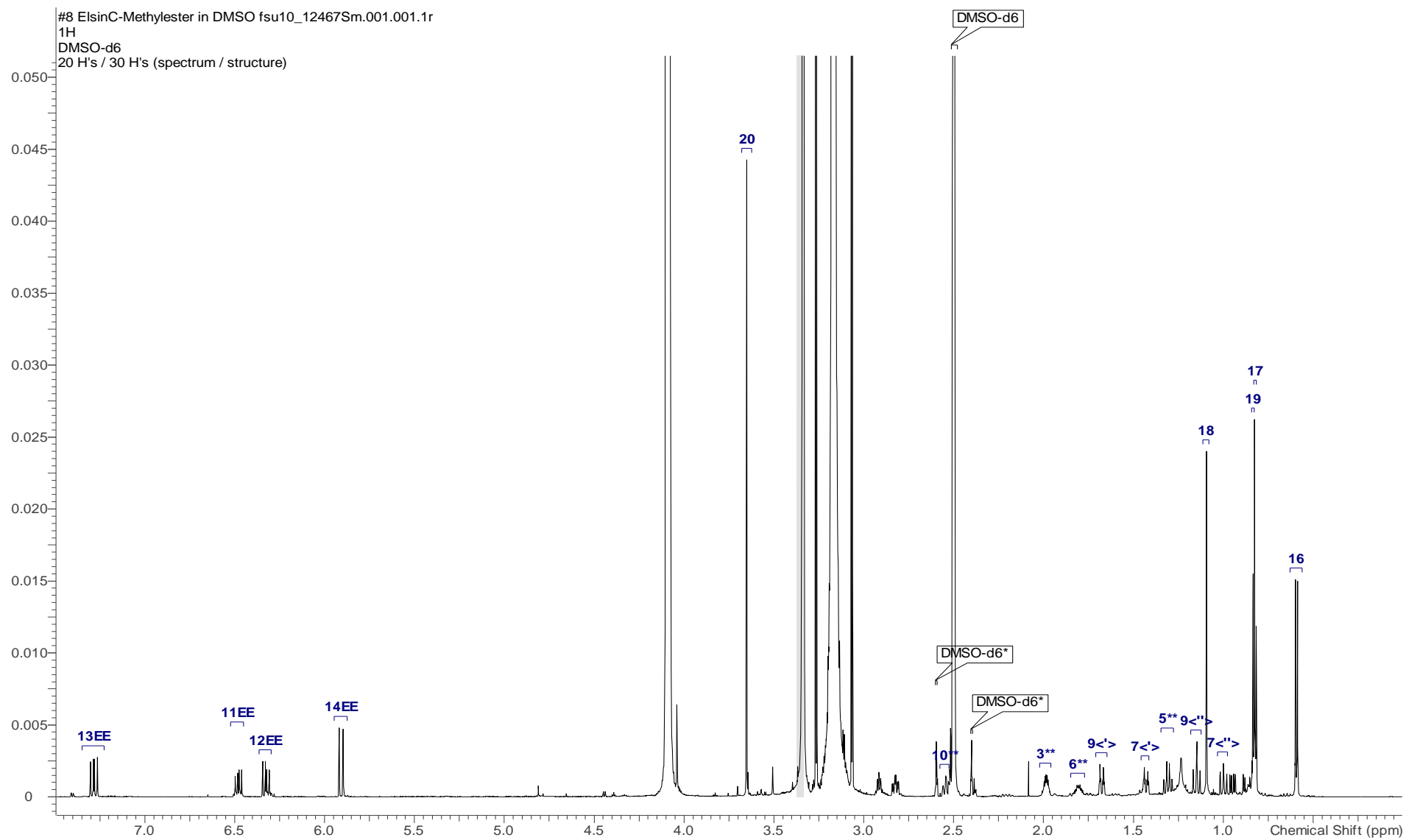


Figure S23: ^1H NMR spectrum (700 MHz, $\text{DMSO-}d_6$) of elsinopirin C-methylester (**8**).

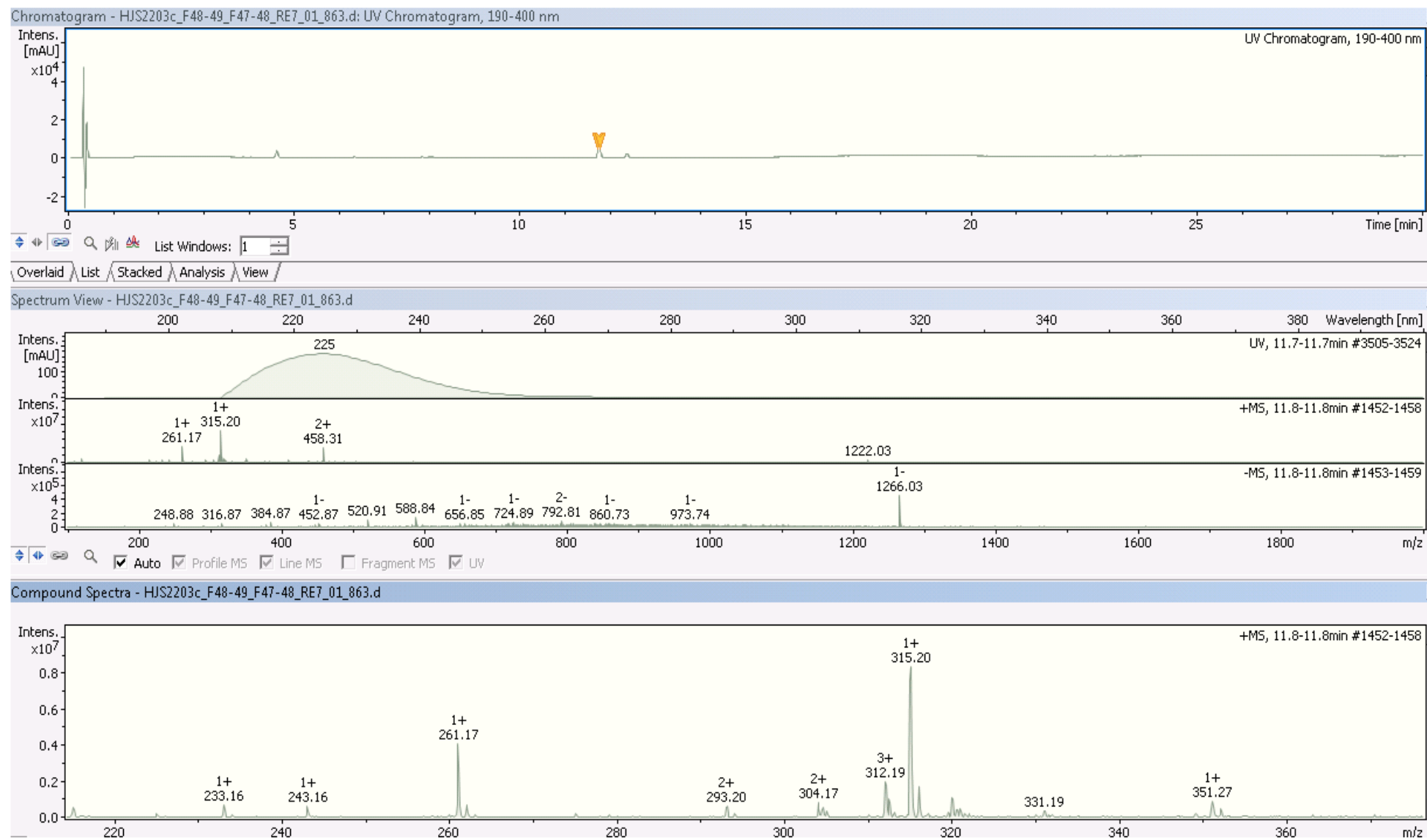


Figure S24: HPLC-ESIMS data of elsinopirin D-methylester (9).

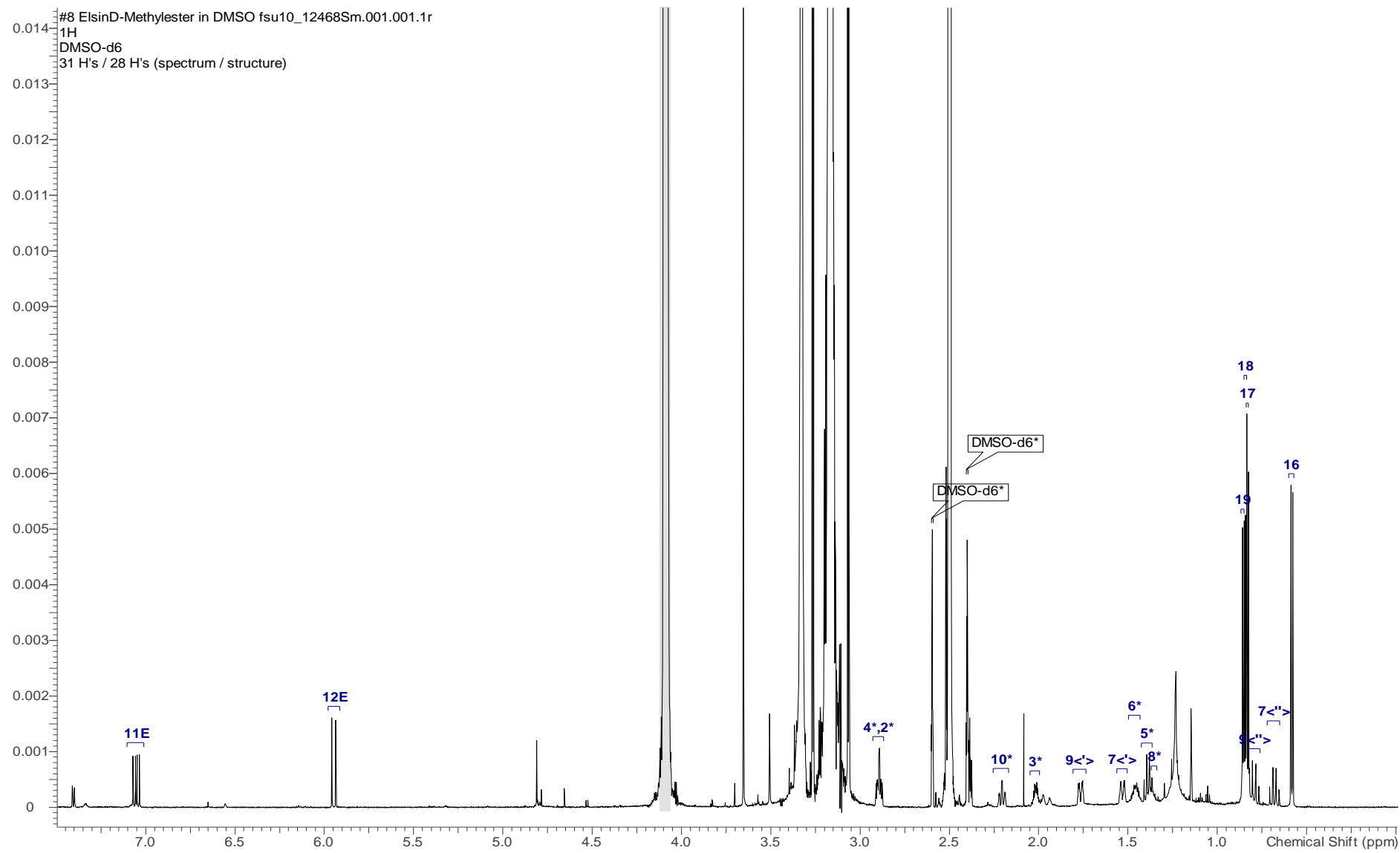


Figure S25: ^1H NMR spectrum (700 MHz, $\text{DMSO-}d_6$) of elsinopirin D-methylester (**9**).