Supplementary Information

Investigation of chalcone cyclized pyrazole derivatives as an anti-inflammatory agent: *In-vivo* and *in-silico* molecular docking approach

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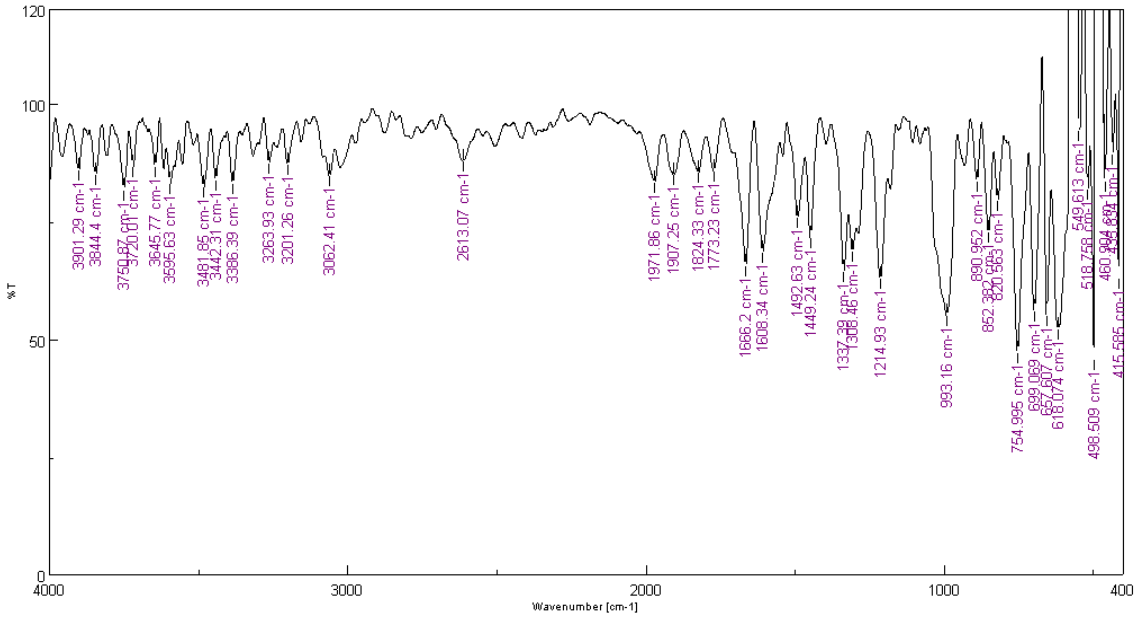


Fig. S1 — IR spectrum of Chalcone by using methanolic NaOH (**CH**)

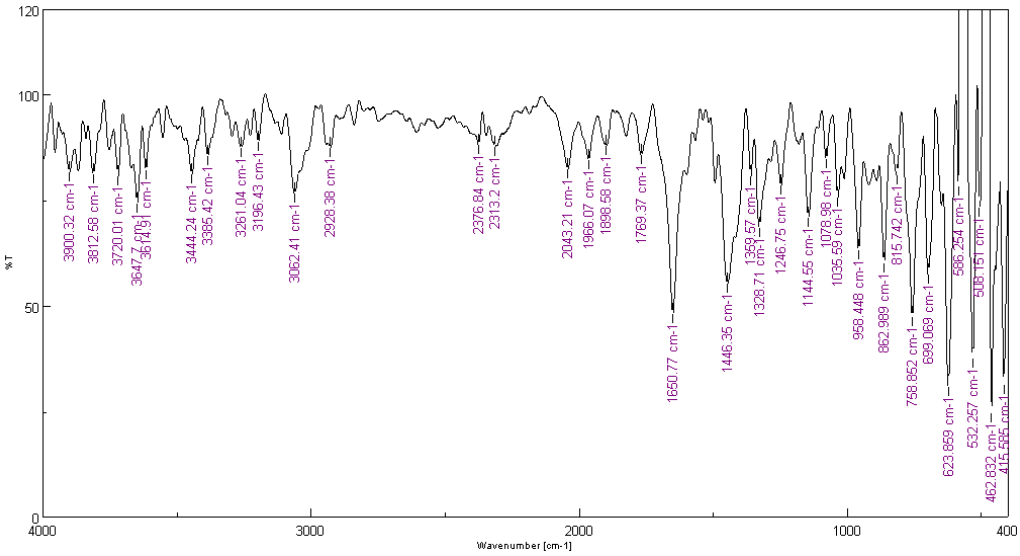


Fig. S2 — IR spectrum spectrum of pyrazoline (NJD1)

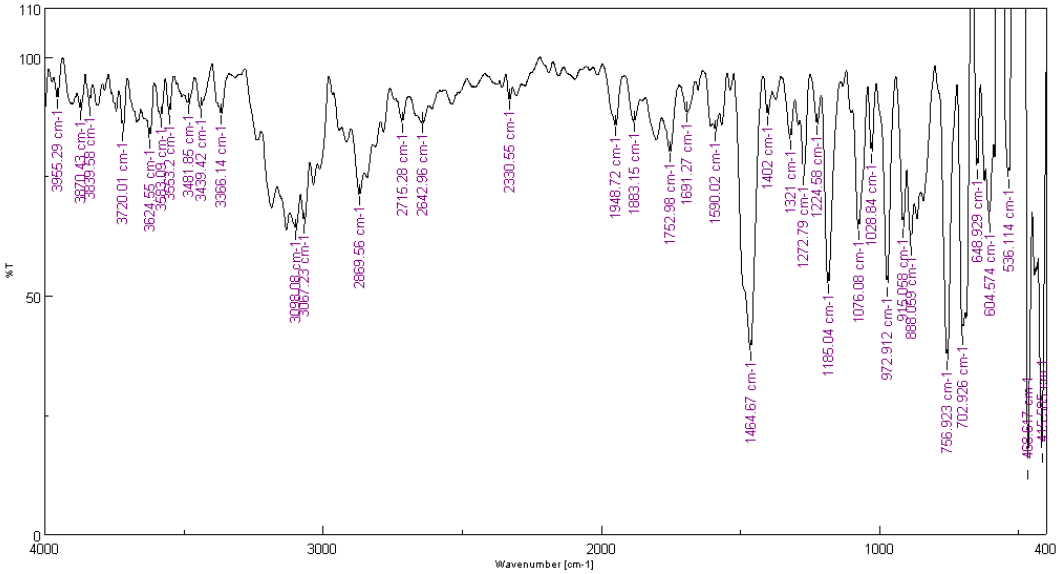


Fig. S3 — IR spectrum spectrum of pyrazole (NJD2)

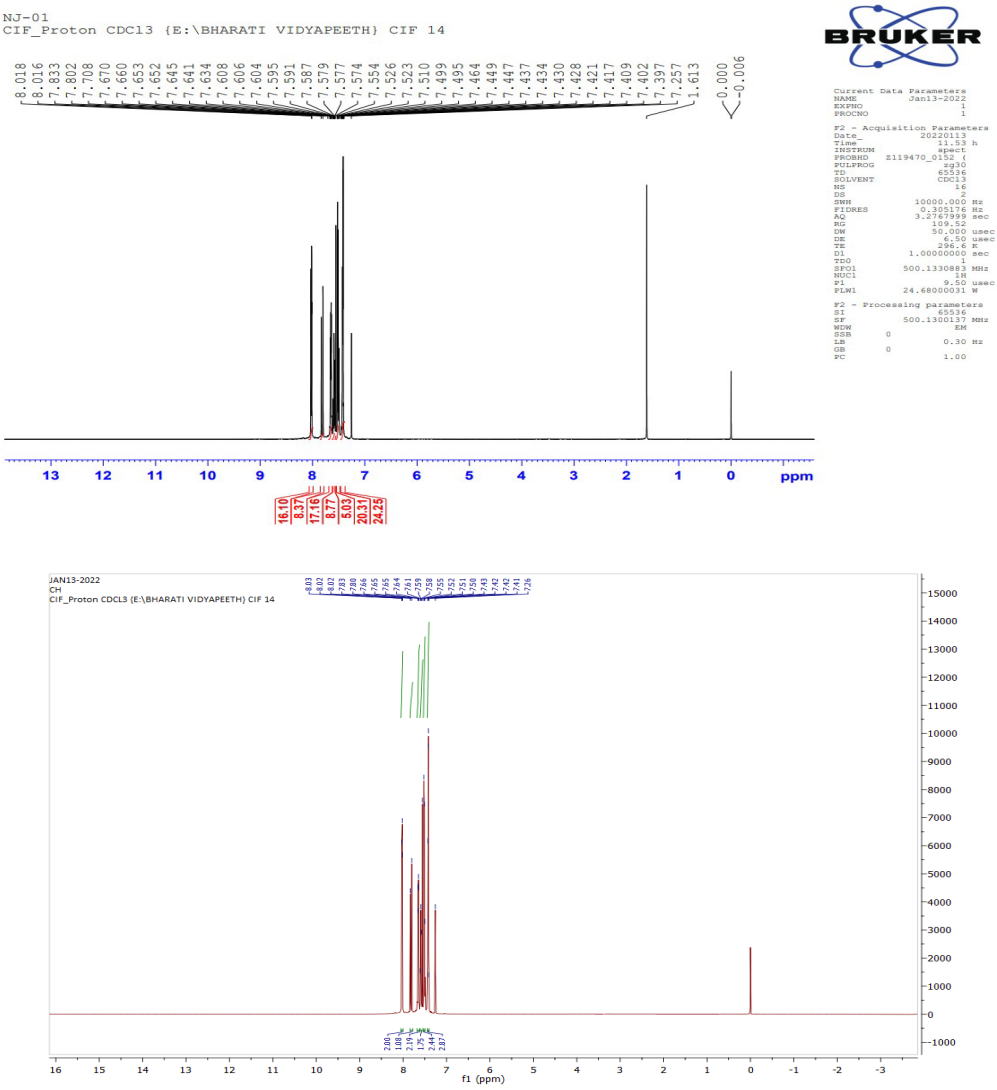


Fig. S4 — ^{1}H NMR spectra of **CH**

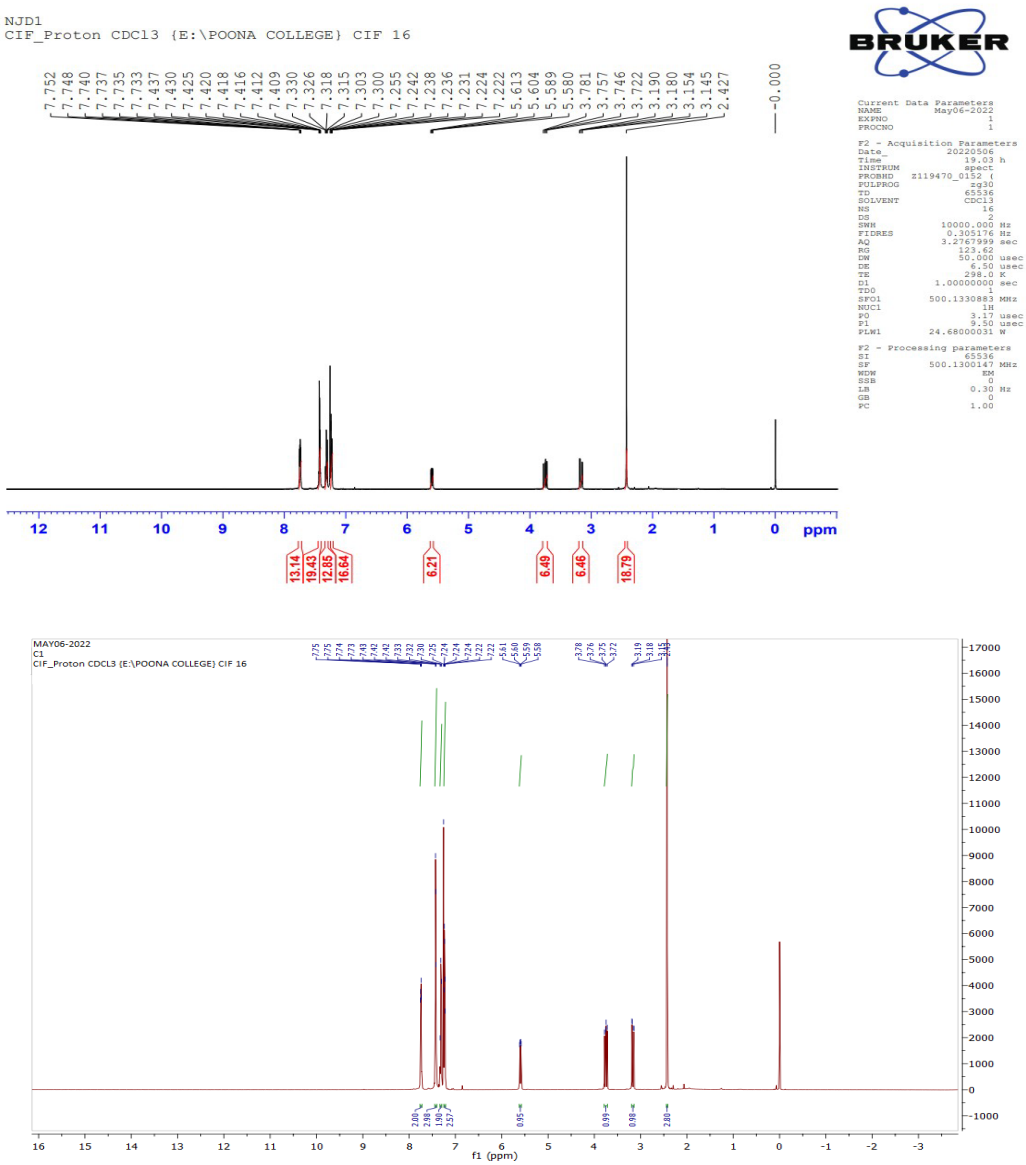


Fig. S5 — ^{1}H NMR spectra of **NDJ1**

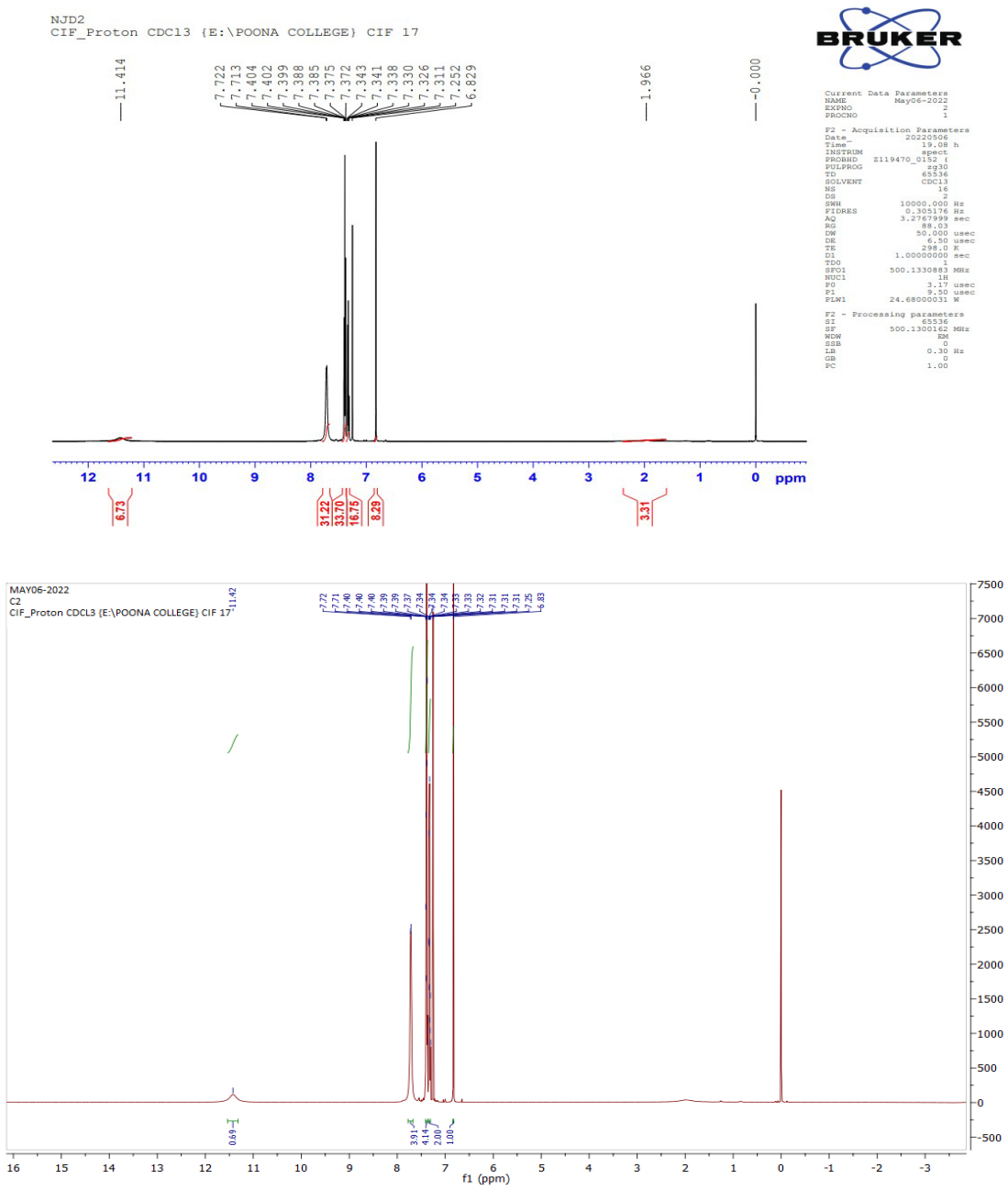


Fig. S6 — ^{1}H NMR spectra of **NDJ2**

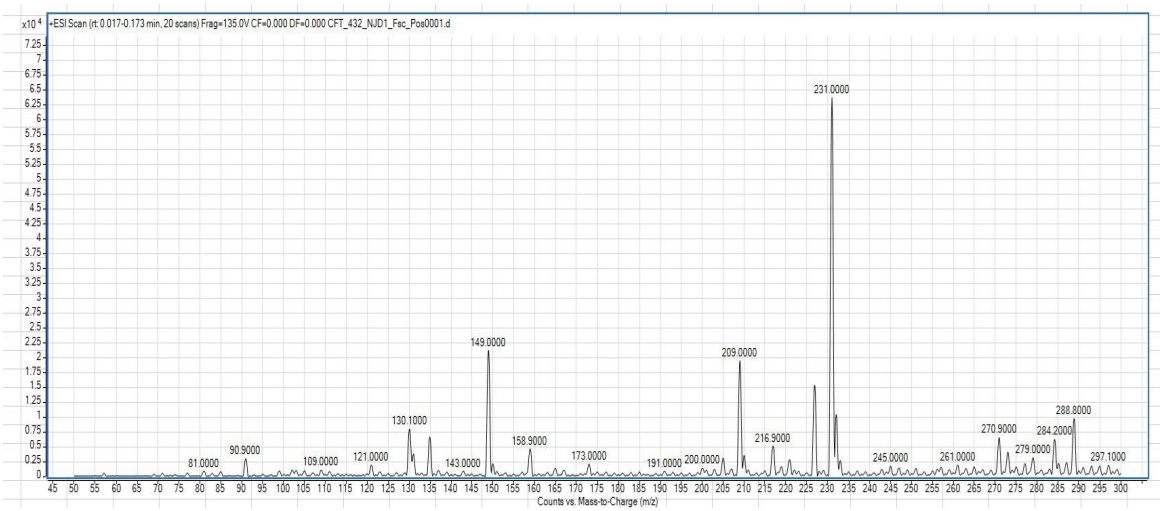


Fig. S7 — Mass spectrum of **CH**

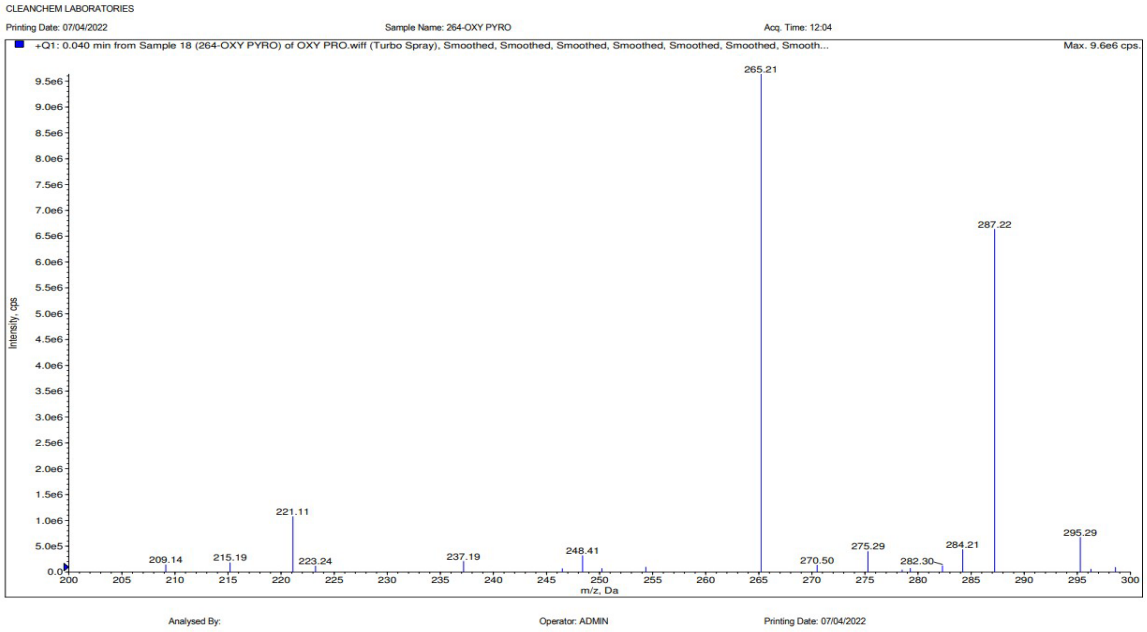


Fig. S8 — Mass spectrum of **NDJ1**

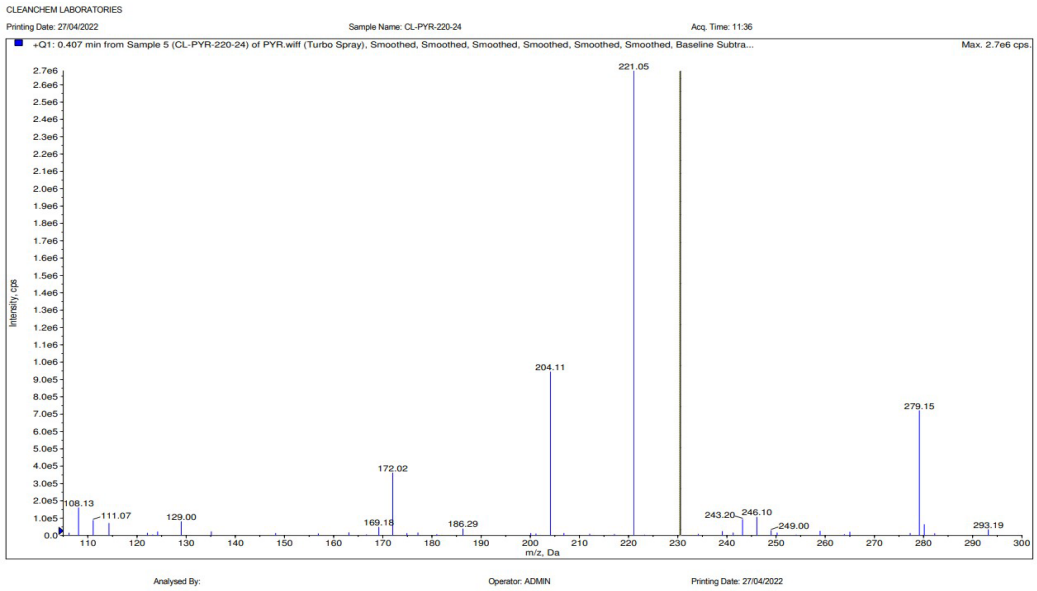
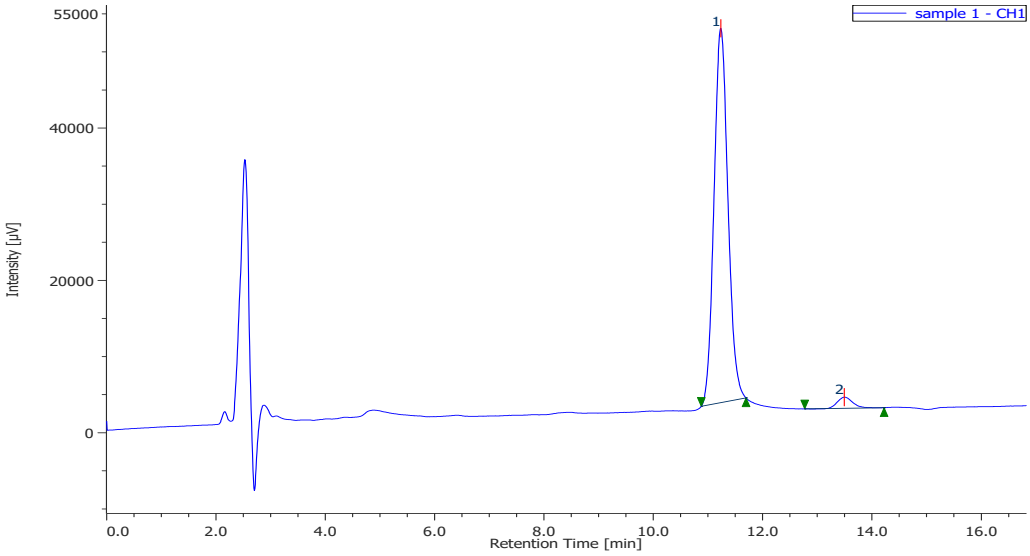
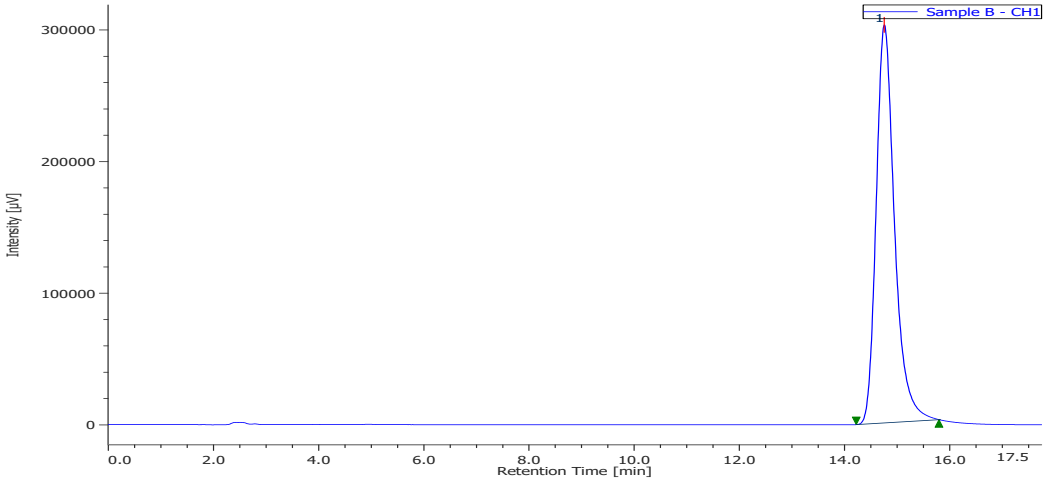


Fig. S9 — Mass spectrum of **NDJ2**



RT	Area	Height	Area%	Height% (Purity)	Quantity
11.233	868454	49108	96.816	97.104	N/A
13.492	28562	1465	3.184	2.896	N/A

Fig. S10 — HPLC percent purity graph of **NDJ1**



RT	Area	Height	Area%	Height% (Purity)	Quantity
14.7	868454	28108	99.121	99	N/A

Fig. S11 — HPLC percent purity graph of **NDJ2**