

Supporting Information

Rec. Nat. Prod. 15:6 (2021) 537-546

Saponins from Twenty Two *Cephalaria* Species

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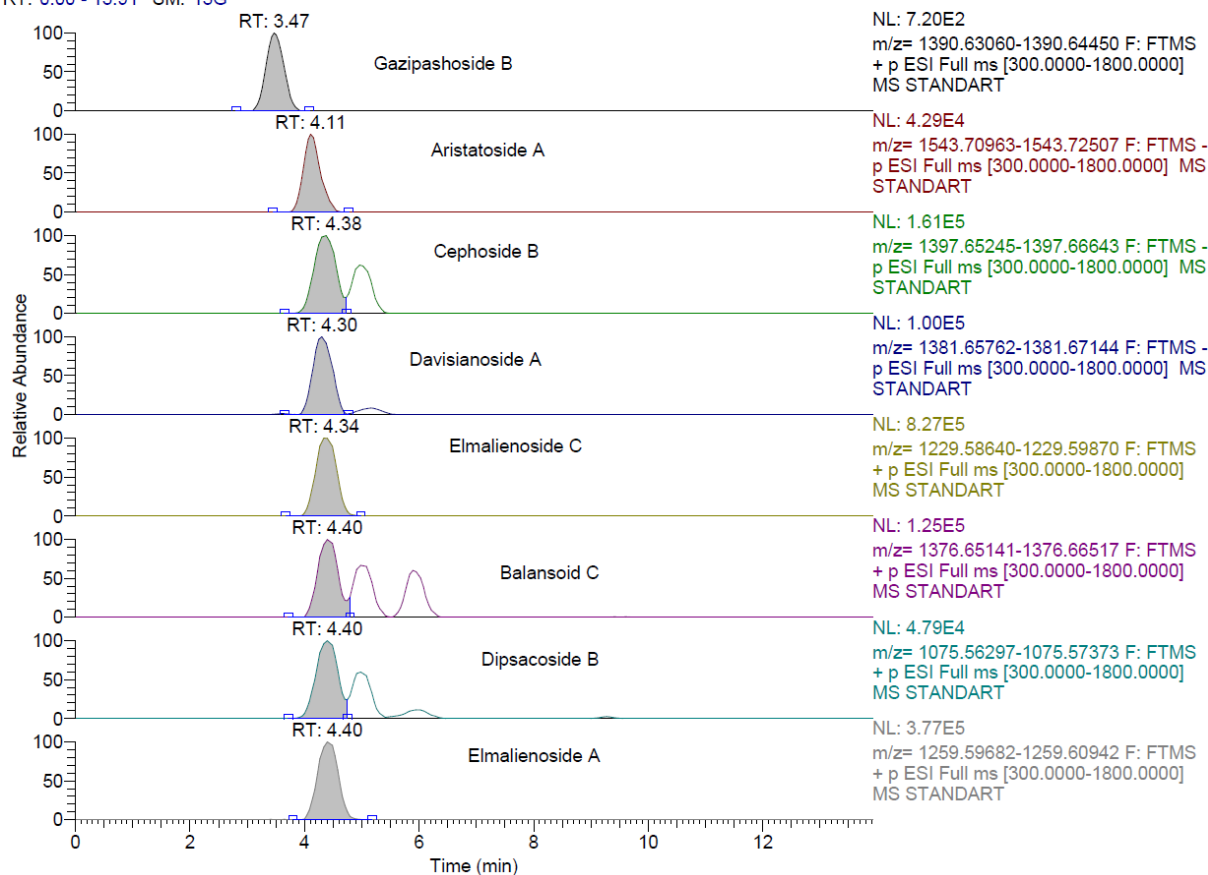
Table of Contents	Page
Figure S1: The exact location of <i>Cephalaria</i> species in Turkey Map	2
Figure S2: Standard sample LC-HRMS chromatogram	3
Figure S3: Standard sample LC-HRMS chromatogram	4
Figure S4: Standard sample LC-HRMS chromatogram	5
Figure S5: Standard sample LC-HRMS chromatogram	6
Figure S6: <i>C. sumbuliana</i> extract LC-HRMS chromatogram	7
Figure S7: <i>C. sumbuliana</i> extract LC-HRMS chromatogram	8
Figure S8: <i>C. sumbuliana</i> extract LC-HRMS chromatogram	9
Table S1: Botanical details of twenty-two <i>Cephalaria</i> species	10

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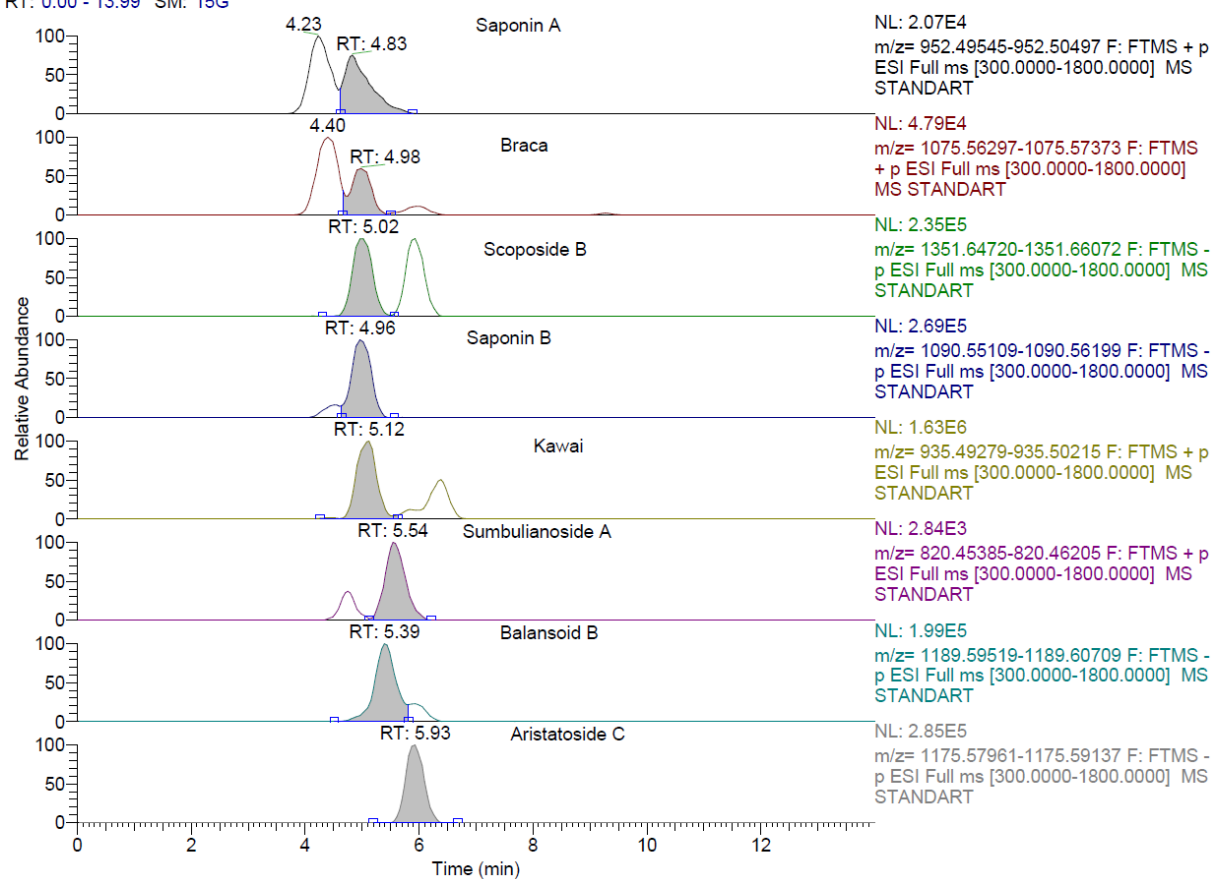


Figure S1: The exact location of *Cephalaria* species in Turkey map

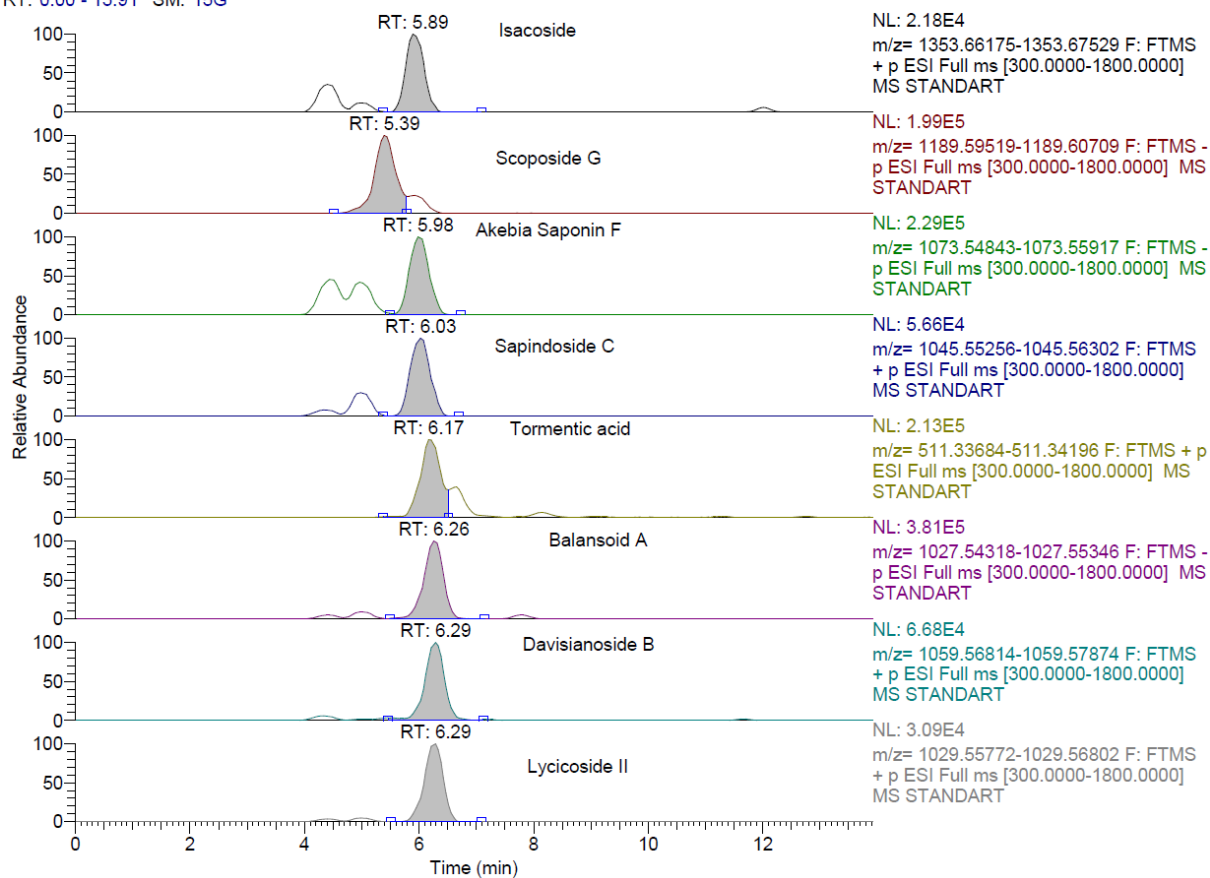
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**Figure S2:** Standard samples LC-HRMS chromatogram

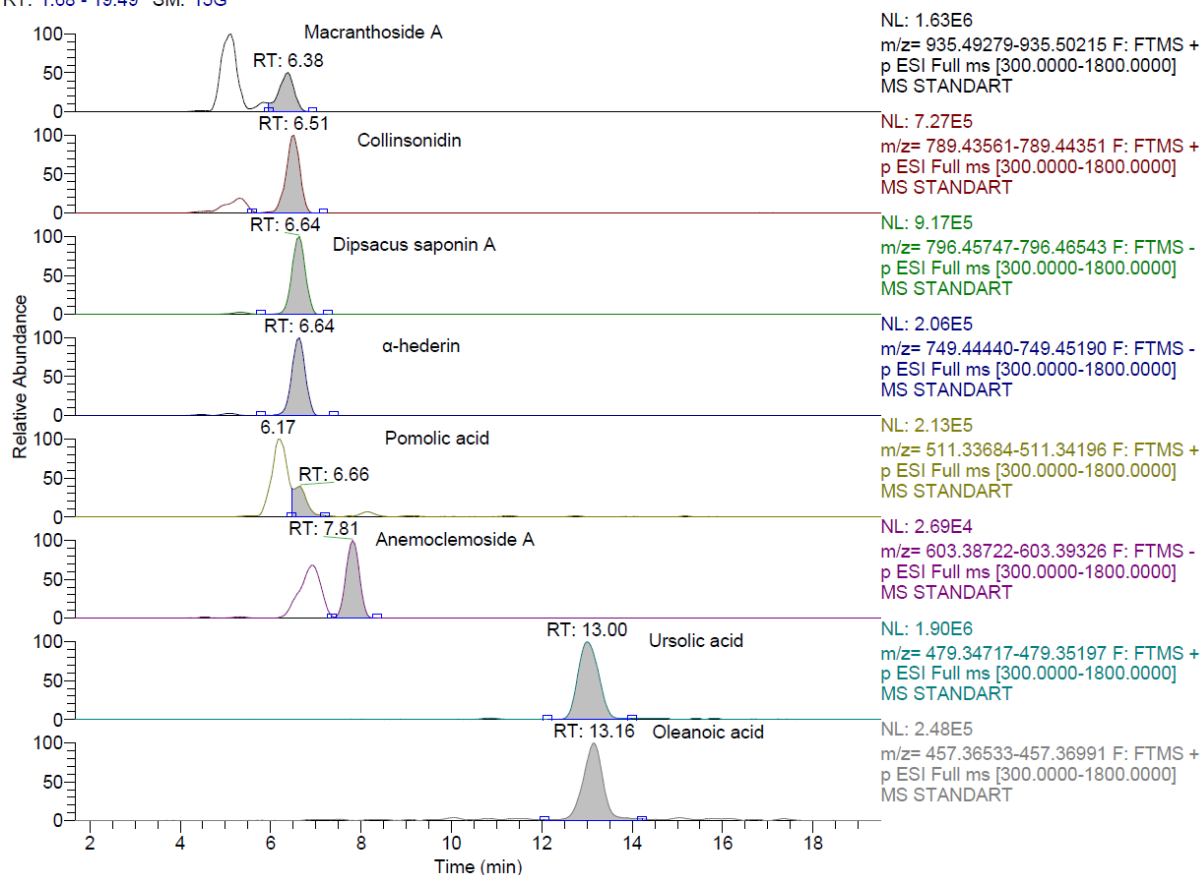
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**Figure S3:** Standard samples LC-HRMS chromatogram

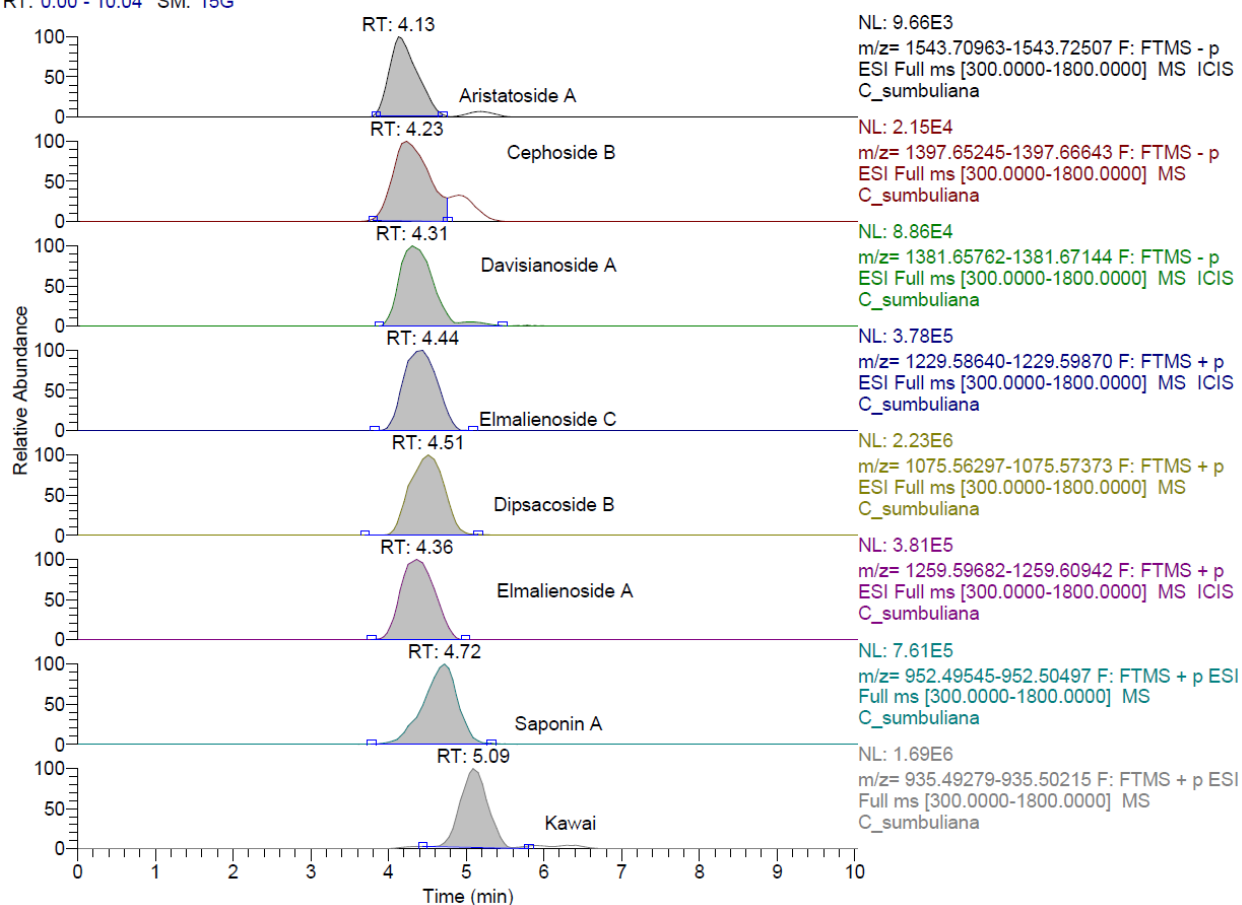
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**Figure S4:** Standard samples LC-HRMS chromatogram

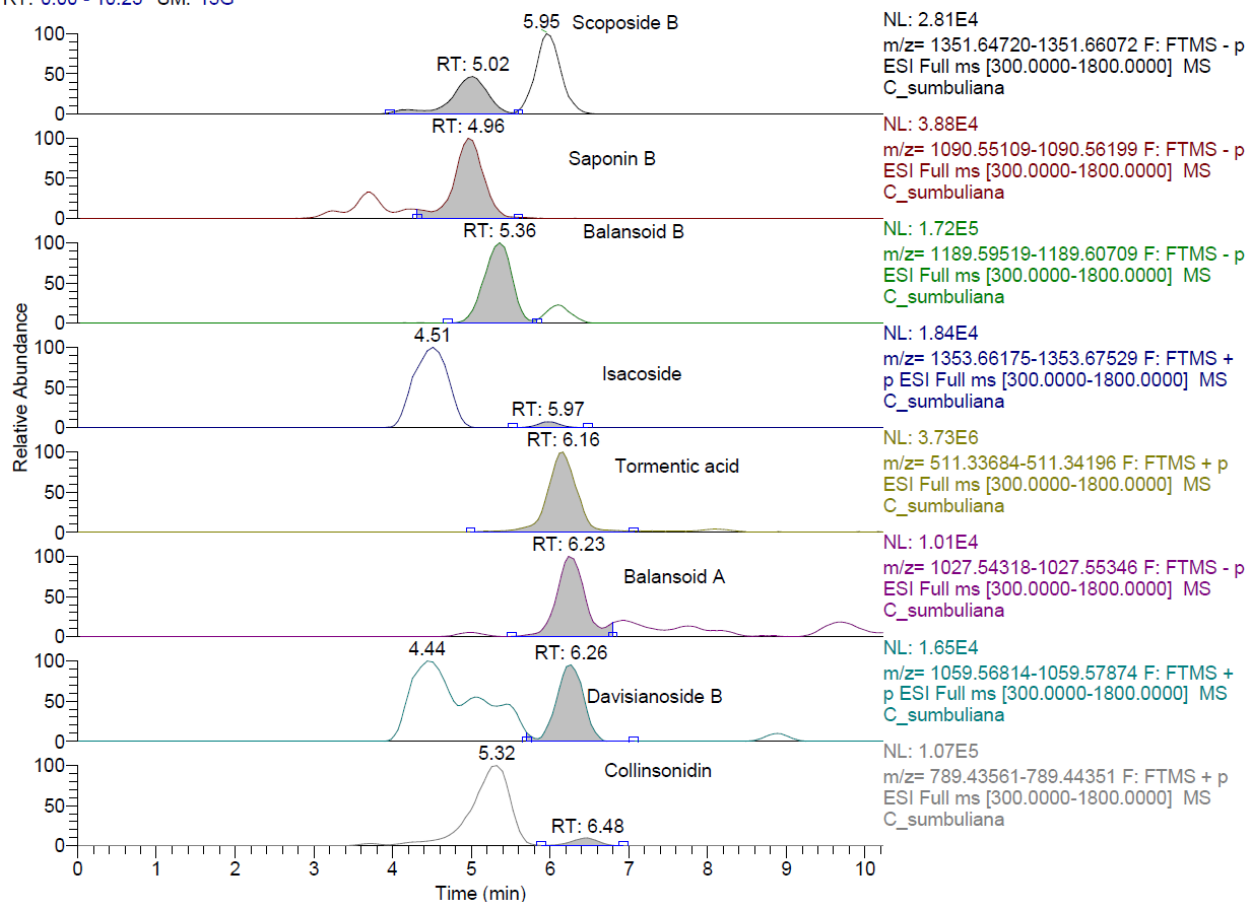
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**Figure S5:** Standard samples LC-HRMS chromatogram

RT: 0.00 - 10.04 SM: 15G

**Figure S6:** *C. sumbuliana* extract LC-HRMS chromatogram

RT: 0.00 - 10.23 SM: 15G

**Figure S7:** *C. sumbuliana* extract LC-HRMS chromatogram

RT: 0.00 - 10.20 SM: 15G

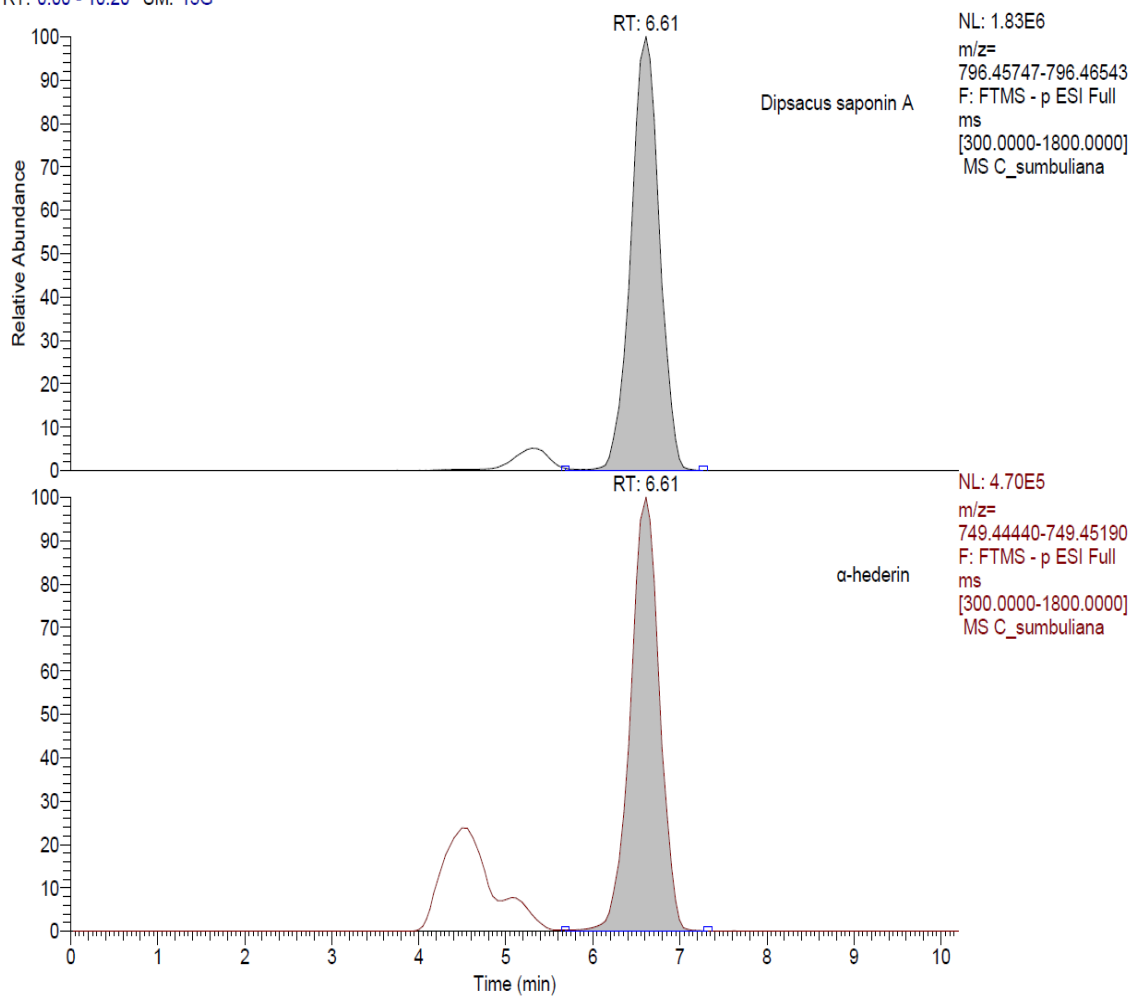
**Figure S8:** *C. sumbuliana* extract LC-HRMS chromatogram

Table S1. Botanical details of twenty-two *Cephalaria* species

No	Species	Collected Area	Height, m	Herb. No
1	<i>C. tchihatchewii</i> Boiss.	Varto: Mus	1910	RSG 7678
2	<i>C. scoparia</i> * Contandr & Quezel	Elmali: Antalya	1200	RSG 6094
3	<i>C. isaurica</i> * V.A. Matthews	Gundogmus: Antalya	900	RSG 6075
4	<i>C. tuteliana</i> * Kus & Gokturk	Bahcesehir: Istanbul	90	RSG 7526
5	<i>C. sumbuliana</i> * Gokturk	Seydisehir: Konya	1435	RSG 8121
6	<i>C. taurica</i> * Szabó	Pozanti: Adana	980	RSG 7484
7	<i>C. aytachii</i> * Gokturk & Sumbul	Sivrihisar: Eskisehir	942	RSG 7483
8	<i>C. davisiana</i> * Gokturk & Sumbul	Binboga:Kahramanmaras	1850	RSG 6083
9	<i>C. aristata</i> K.Koch	Pinarbasi: Kayseri	1435	RSG 7480
10	<i>C. balansae</i> Raus	Elmali: Antalya	1100	RSG 7525
11	<i>C. paphlagonica</i> * Bobrov	Ilgaz: Cankiri	1250	RSG 6100
12	<i>C. lycica</i> * V.A.Matthews	Gombe: Antalya	1800	RSG 6073
13	<i>C. elazigensis</i> var. <i>purpurea</i> * Gokturk & Sumbul	Kirikkale–Kirsehir	1255	RSG 6090
14	<i>C. elazigensis</i> var. <i>elazigensis</i> * Gokturk & Sumbul	Maden: Elazig	900	RSG 7679
15	<i>C. anatolica</i> * Shkhiyan	Tortum: Erzurum	1050	RSG 7675
16	<i>C. elmaliensis</i> * Hub.-Mor. & Matthews	Elmali: Antalya	1750	RSG 6097
17	<i>C. stellipilis</i> Boiss	Goksun: Kahramanmaras	1428	RSG 6078
18	<i>C. speciosa</i> * Boiss. & Kotschy	Sivas-Erzincan	1600	RSG 7673
19	<i>C. procera</i> Fisch. & Avé-Lall.	Zara: Sivas	1665	RSG 7672
20	<i>C. gazipashaensis</i> * Sumbul	Gazipasa, Maha: Antalya	1500	RSG 6099
21	<i>C. hirsuta</i> Stapf	Cat-Erzurum	2100	RSG7676
22	<i>C. cilicica</i> * Boiss & Kotschy	Finike-Elmali: Antalya	1200	RSG 6076