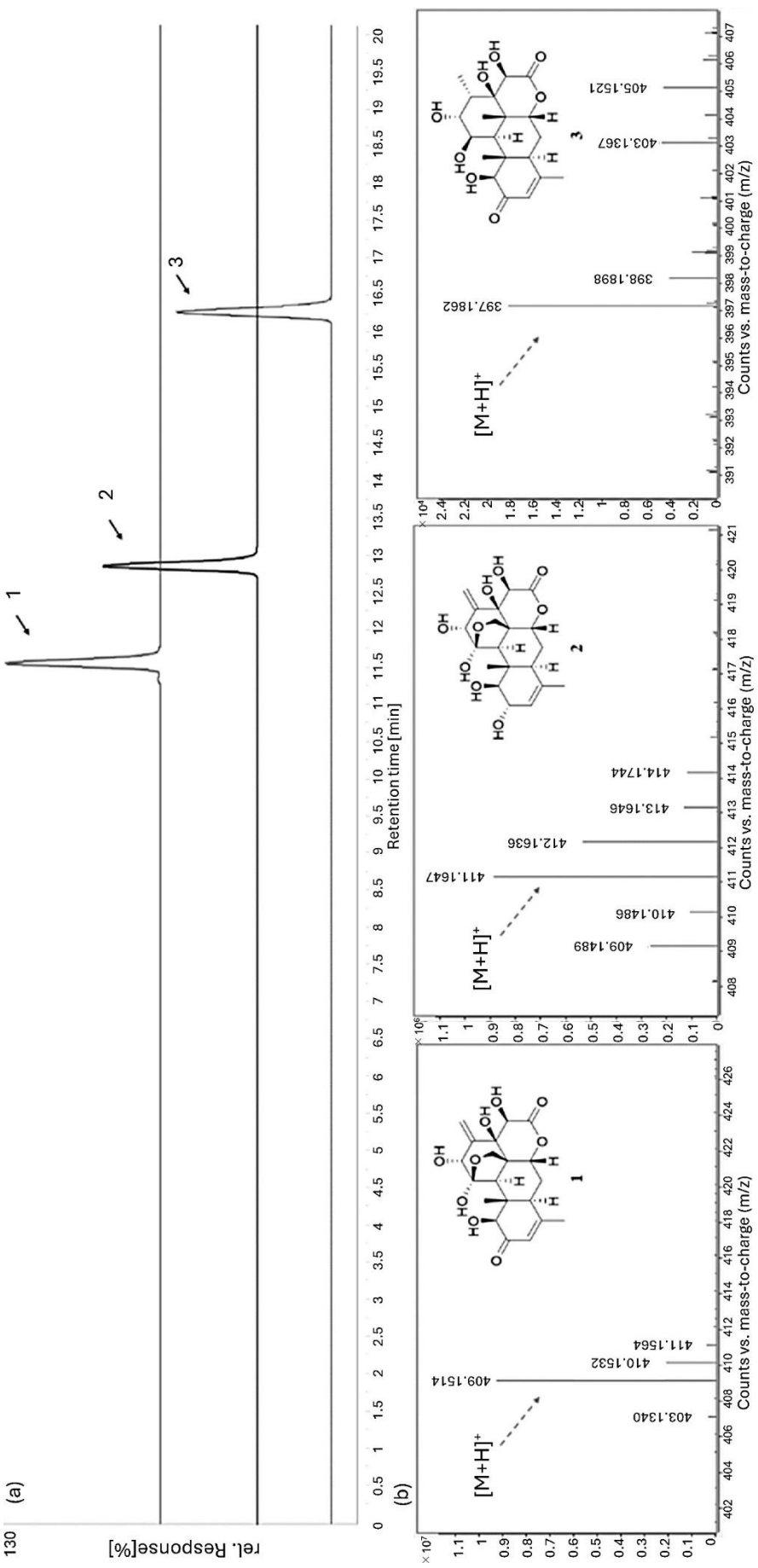
(a)
rel. Response[%]
Retention time [min]
1
2
3
(b)
[M+H]+
409.1514
403.1340
410.1532
411.1564
Counts vs. mass-to-charge (m/z)
[M+H]+
411.1647
409.1489
410.1486
412.1636
413.1646
414.1744
Counts vs. mass-to-charge (m/z)
[M+H]+
397.1862
398.1898
403.1367
405.1521
Counts vs. mass-to-charge (m/z)

Fig. 1

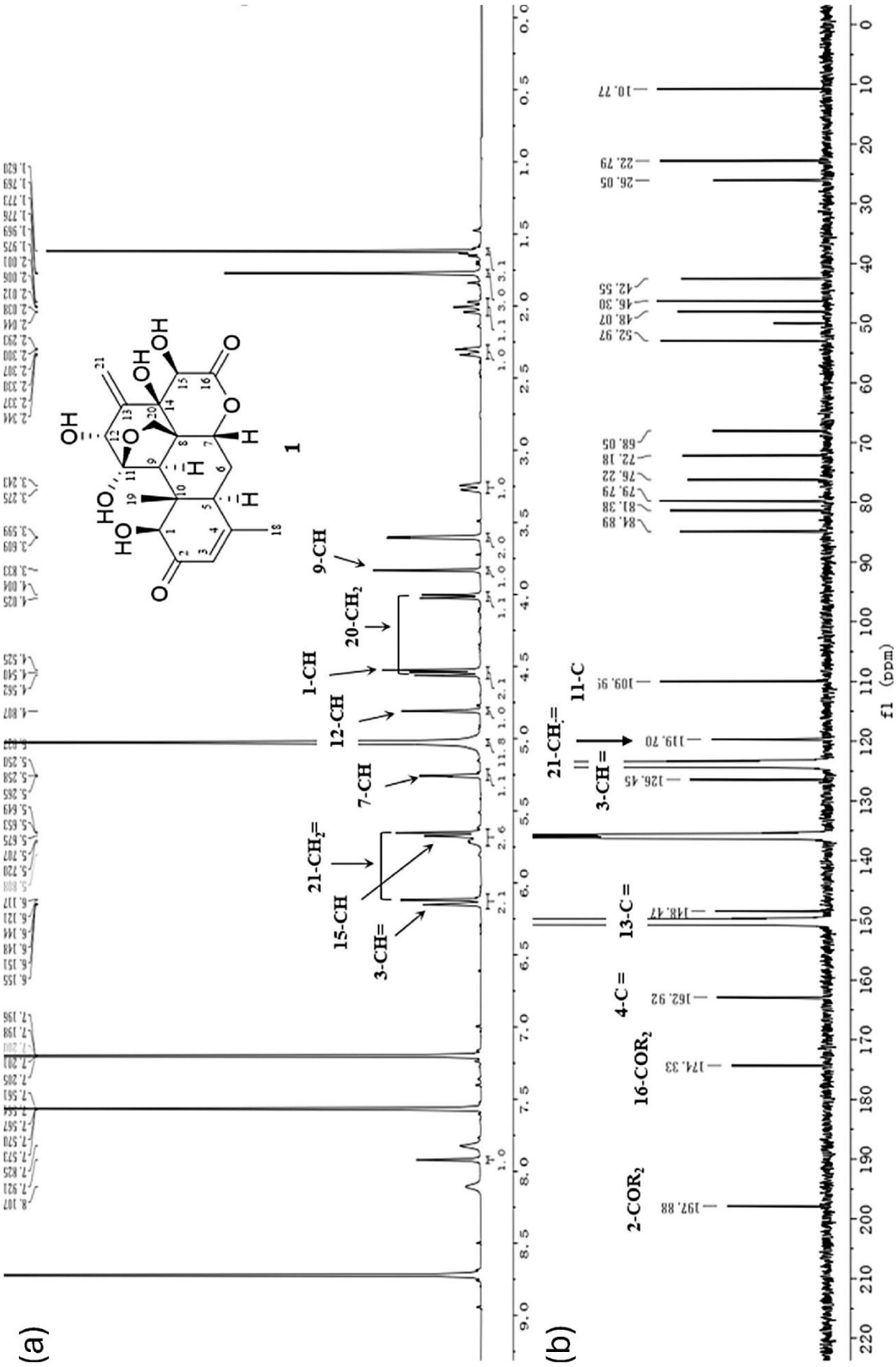
(a)
1
1-CH
9-CH
20-CH2
12-CH
7-CH
21-CH2=
15-CH
3-CH=
(b)
11-C
21-CH2=
3-CH=
13-C =
4-C =
16-COR2
2-COR2
f1 (ppm)

Fig. 2

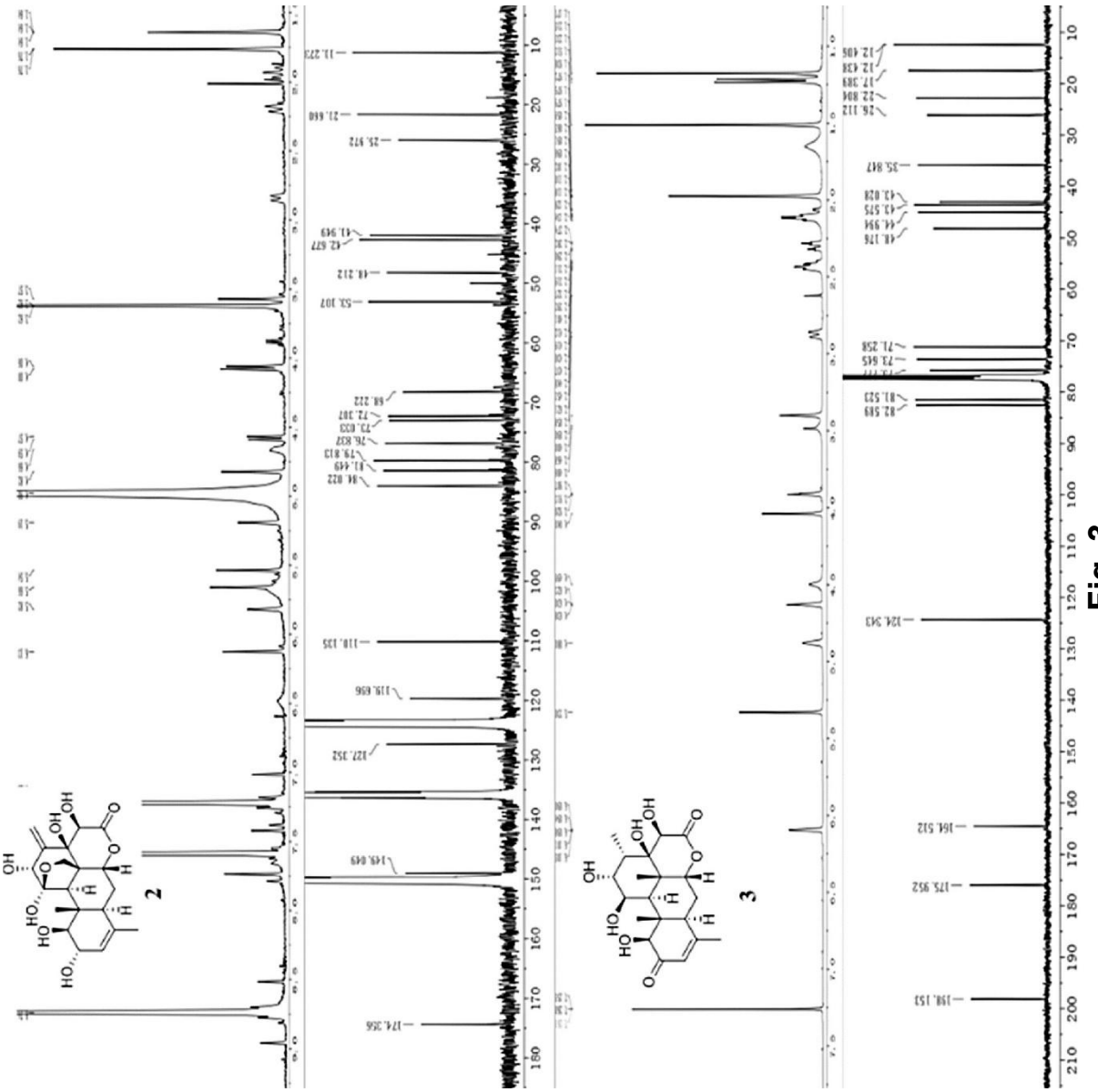

Fig. 3

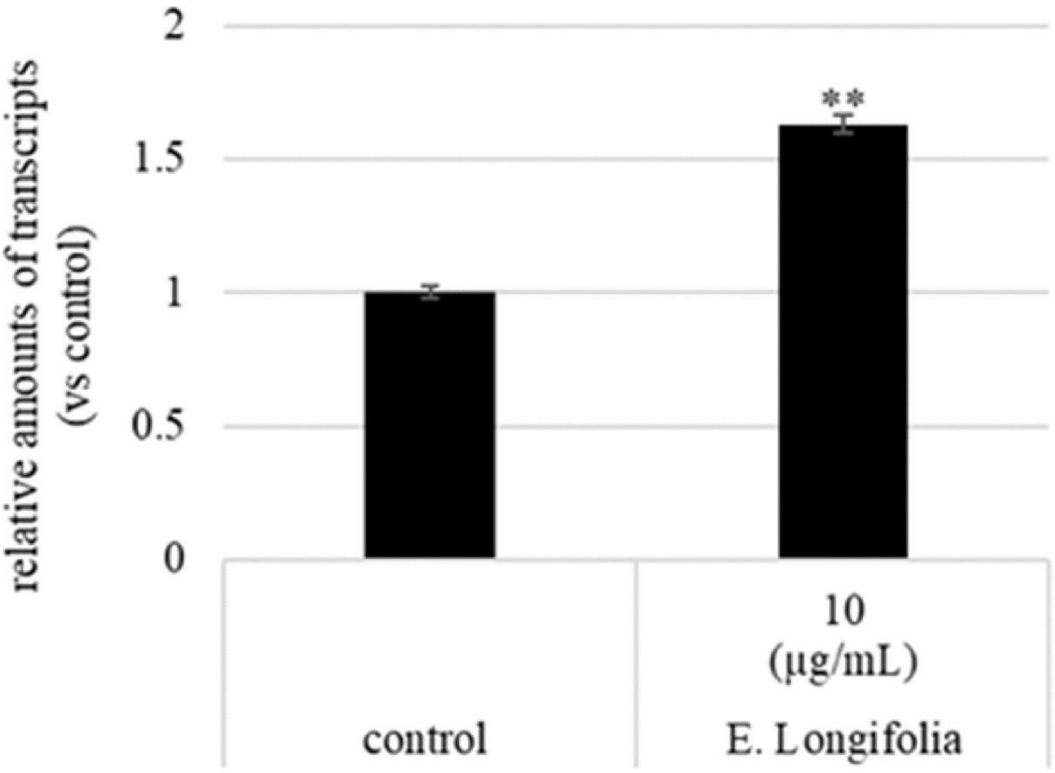
relative amounts of transcripts (vs control)
2
1.5
1
0.5
0
**
control
10 (µg/mL) E. Longifolia

Fig. 4

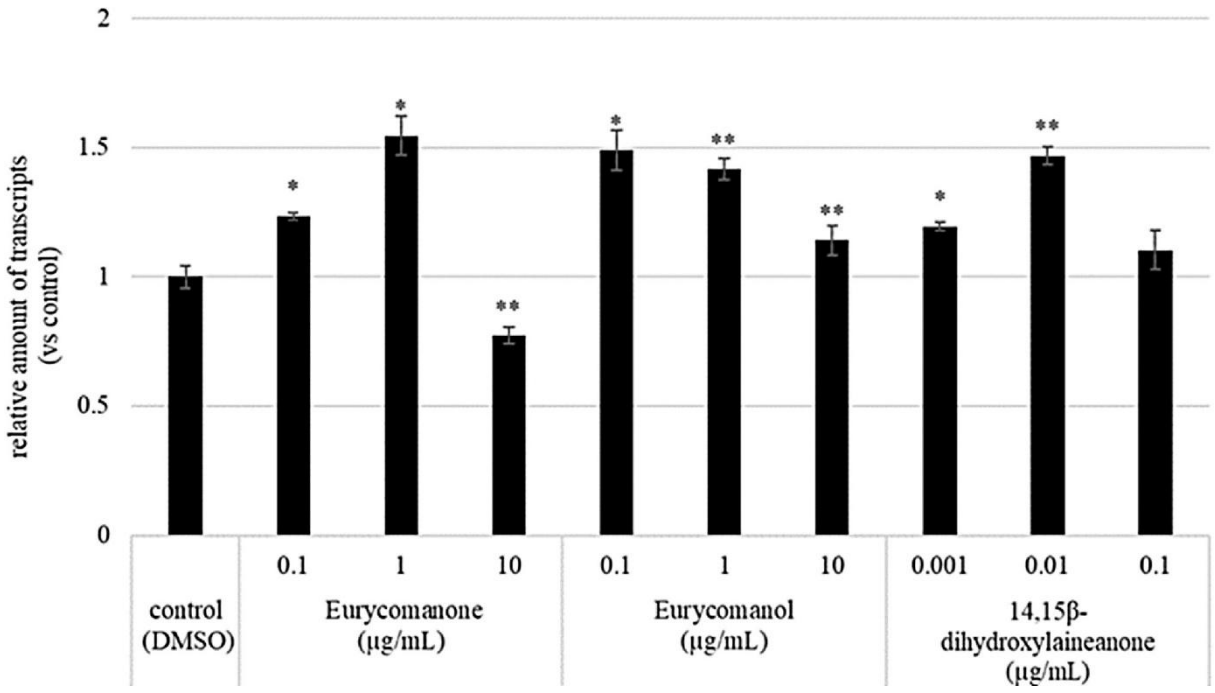
relative amount of transcripts (vs control)
2
1.5
1
0.5
0
control (DMSO)
0.1
1
10
Eurycomanone (µg/mL)
0.1
1
10
Eurycomanol (µg/mL)
0.001
0.01
0.1
14,15β-dihydroxylaineanone (µg/mL)

Fig. 5