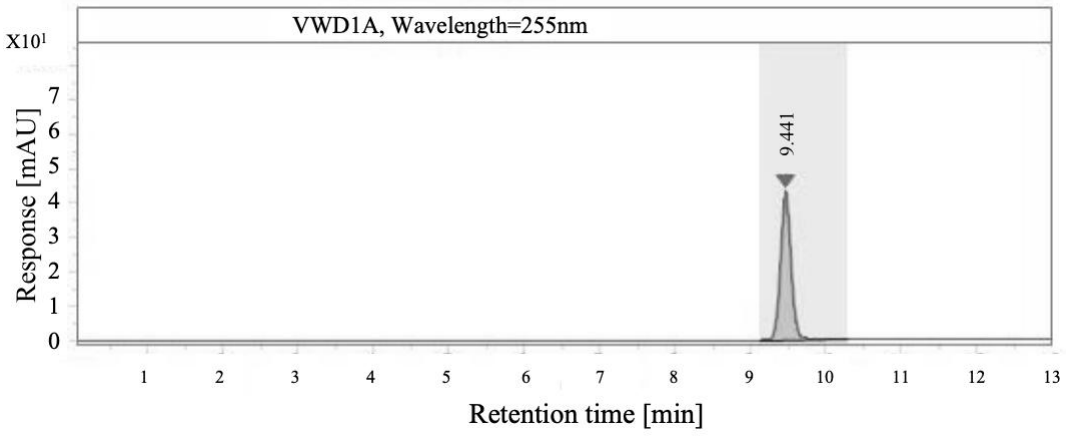


FIG. 1

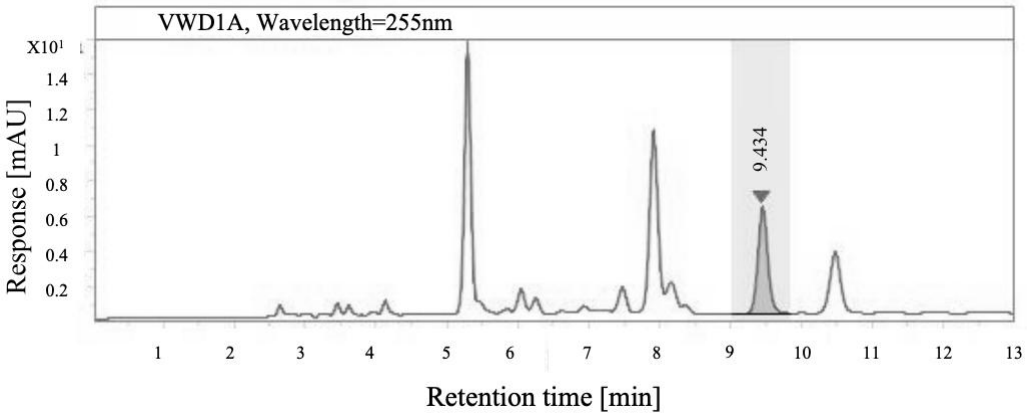


FIG. 2

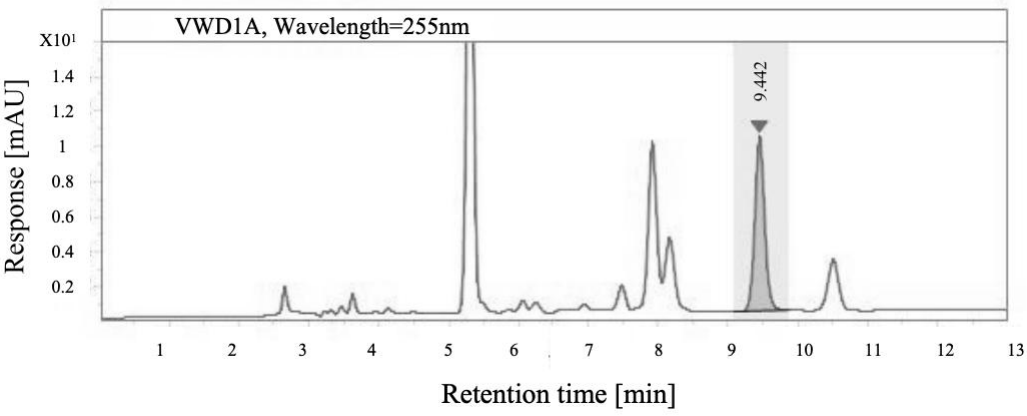
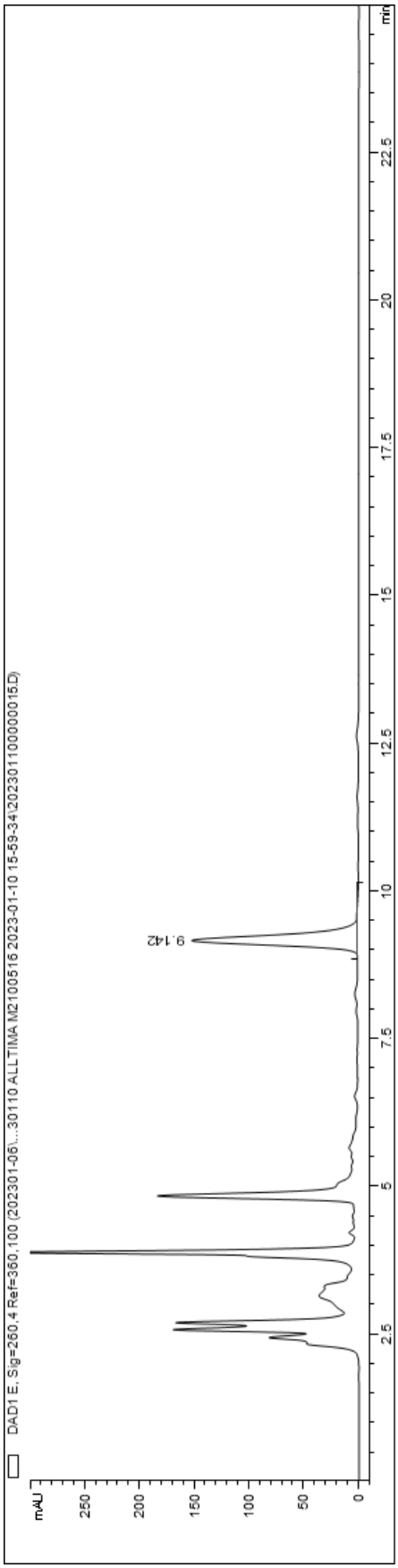


FIG. 3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mAU
250
200
150
100
50
0
9.142
2.5
5
7.5
10
12.5
15
17.5
20
22.5
min

FIG. 4

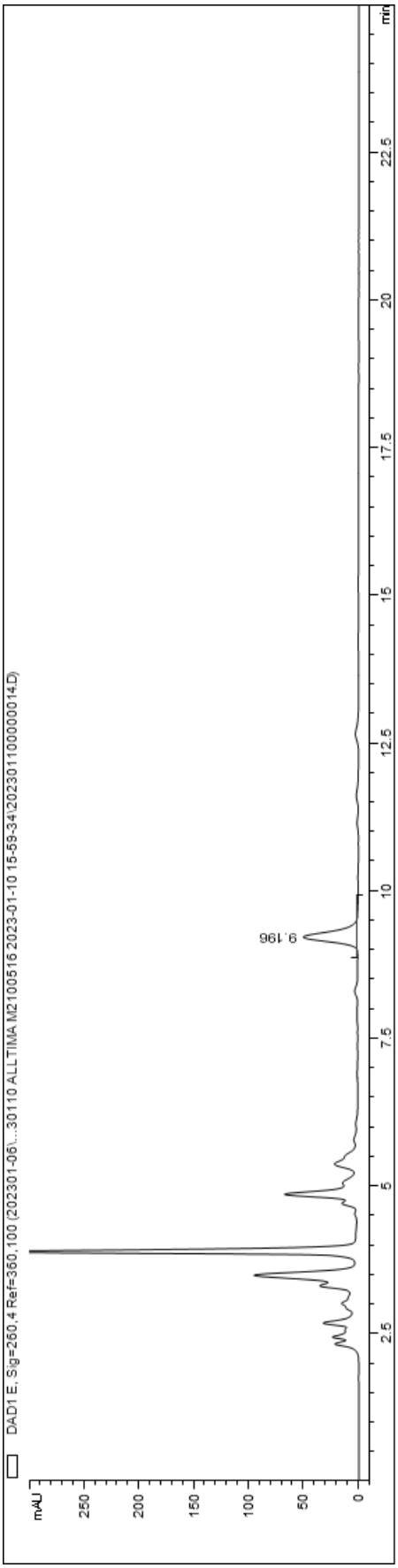
DAD1 E, Sig=260,4 Ref=360,100 (202301-06\...30110 ALLTIMA M2100516 2023-01-10 15-59-34\20230110000000014.D)
mAU
250
200
150
100
50
0
2.5
5
7.5
10
12.5
15
17.5
20
22.5
min
9.196

FIG. 5

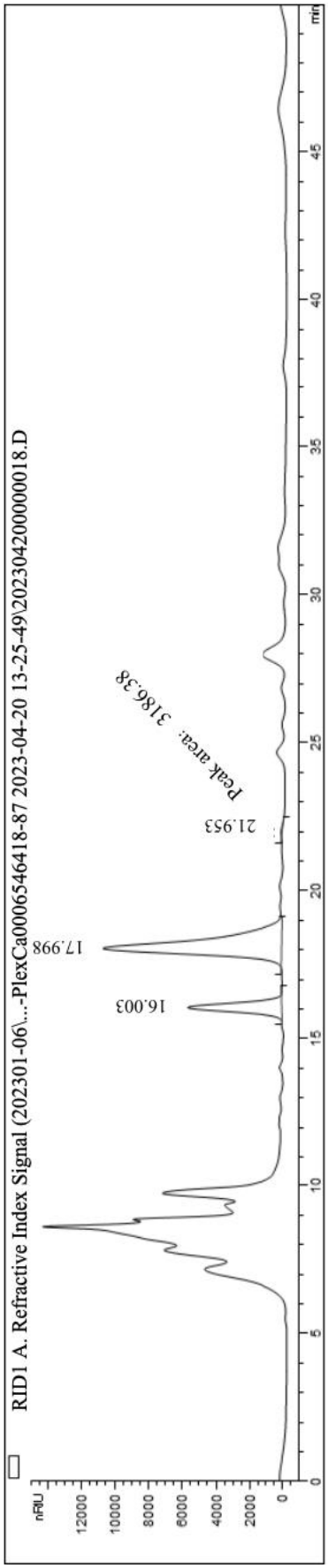
RID1 A. Refractive Index Signal (202301-06\...-PlexCa0006546418-87 2023-04-20 13-25-49\20230420000018.D
nRIU
12000
10000
8000
6000
4000
2000
0
0
5
10
15
20
25
30
35
40
45
min
17.998
16.003
21.953
Peak area: 3186.38

FIG. 6

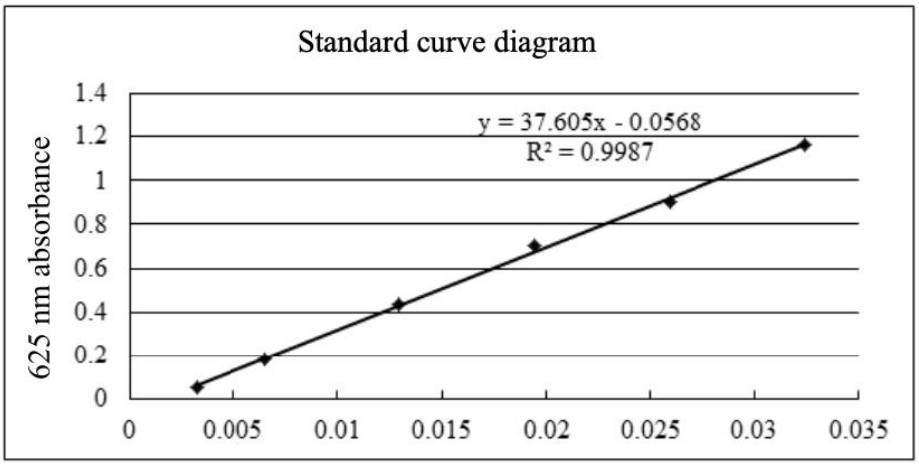
Standard curve diagram
625 nm absorbance
y = 37.605x - 0.0568
R² = 0.9987
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035

FIG. 7