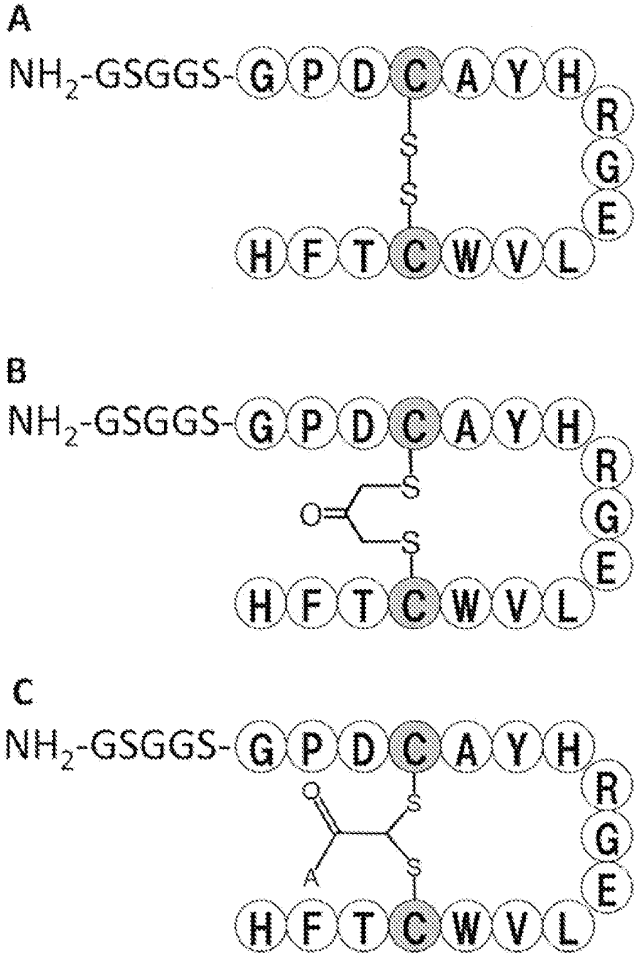
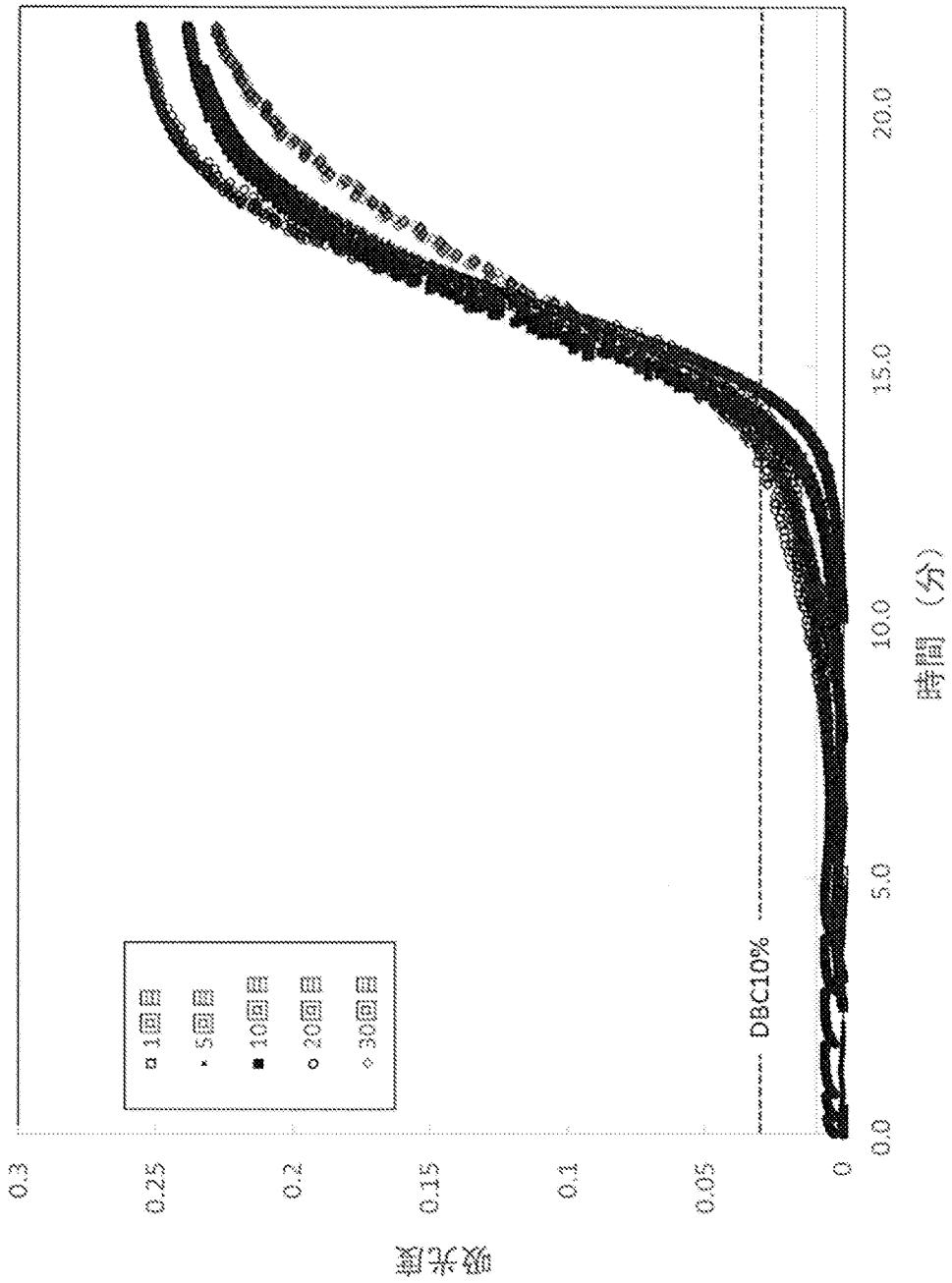
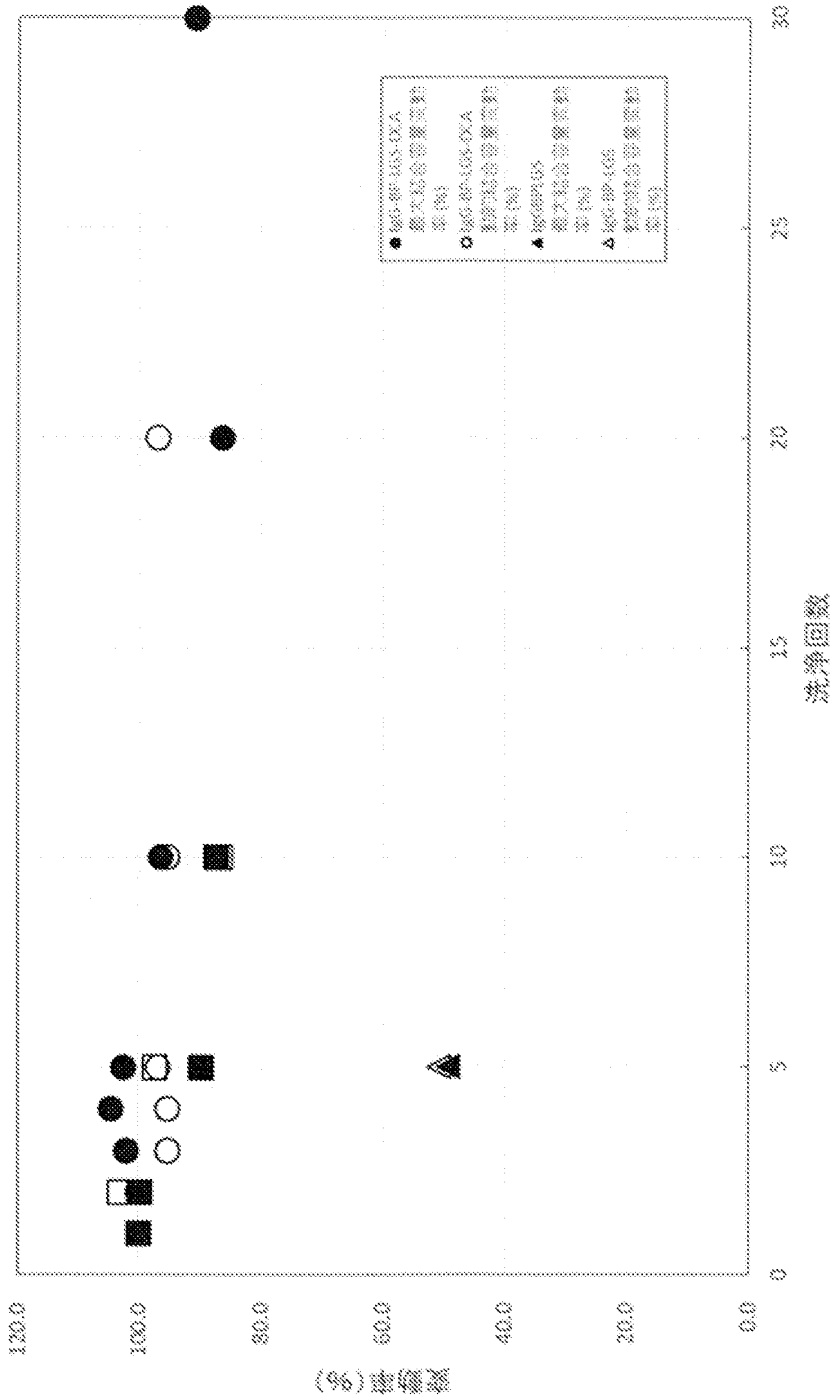
[図1]


A
NH2-GSGGS-GPDCAYH
RGE
HFTCWVL
B
NH2-GSGGS-GPDCAYH
RGE
HFTCWVL
C
NH2-GSGGS-GPDCAYH
RGE
HFTCWVL

[図2]

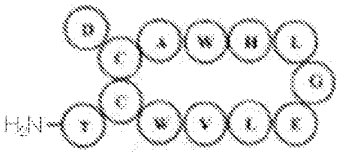

吸光度
0.3
0.25
0.2
0.15
0.1
0.05
0
0.0
5.0
10.0
15.0
20.0
時間（分）
DBC10%
1回目
5回目
10回目
20回目
30回目

[図3]



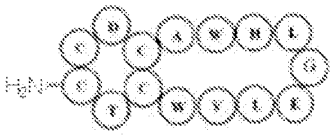
[図4]

1）CAWHLGELVWC
2）DCAWHLGELVWCT
3）DCAWHLGELVFCT
4）DCAWHLGELVXCT
X＝1-naphtoyl,2-naphtoyl,benzyl,benzothiophene
5）CDCAWHLGELVWCTC
6）CAYHLGELVWC
7）DCAYHLGELVWCTF（2－Pya）



Fc-III; K_d 16 nM

DCAWHLGELVWCT

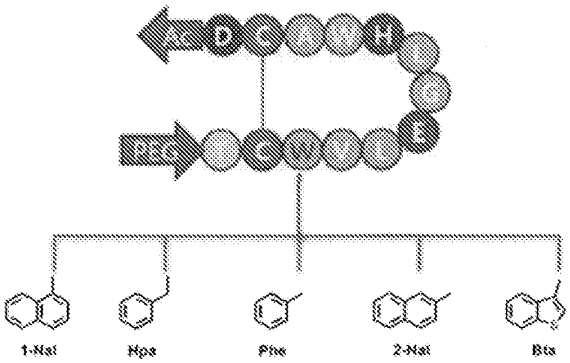


Fc-III-4C; K_d 2.45 nM

CDCAWHLGELVWCTC

15-Lys8Leu9His17(2-Pya)-OH

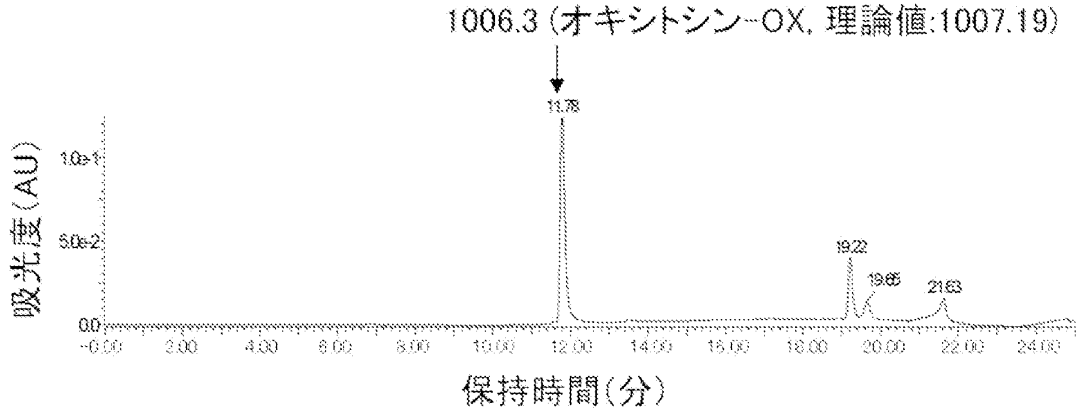
DCAYHLGELVWCTF（2－Pya）
CAYHLGELVWC



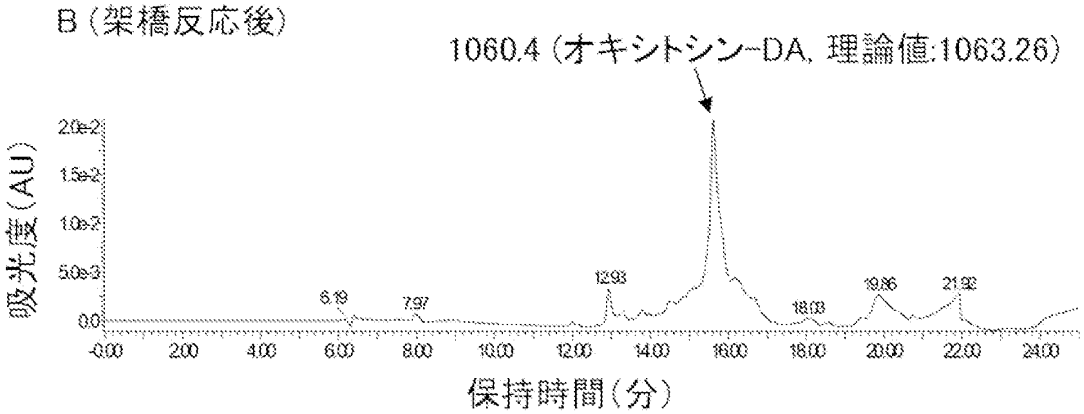
DCAWHLGELVXCT
X＝側鎖が上記化合物

[図5]

A（架橋反応前）

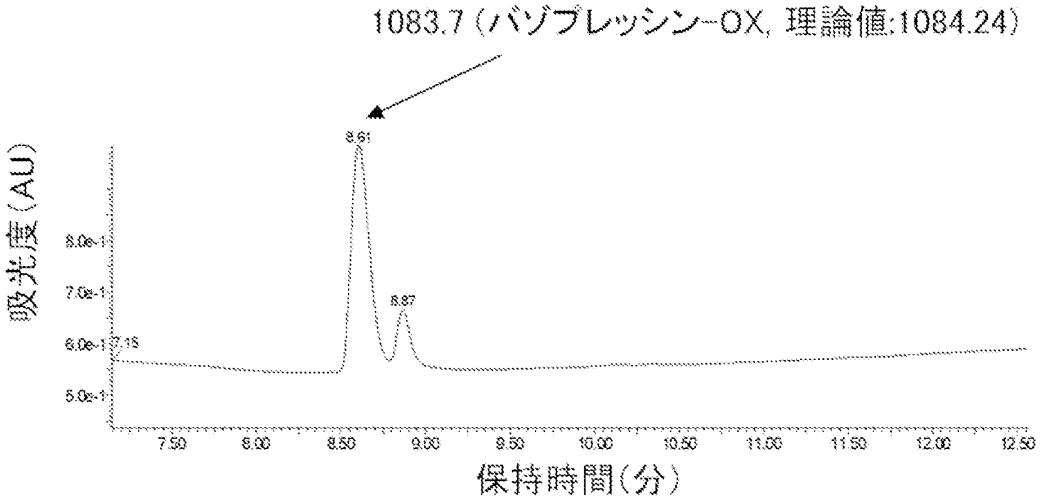


B（架橋反応後）

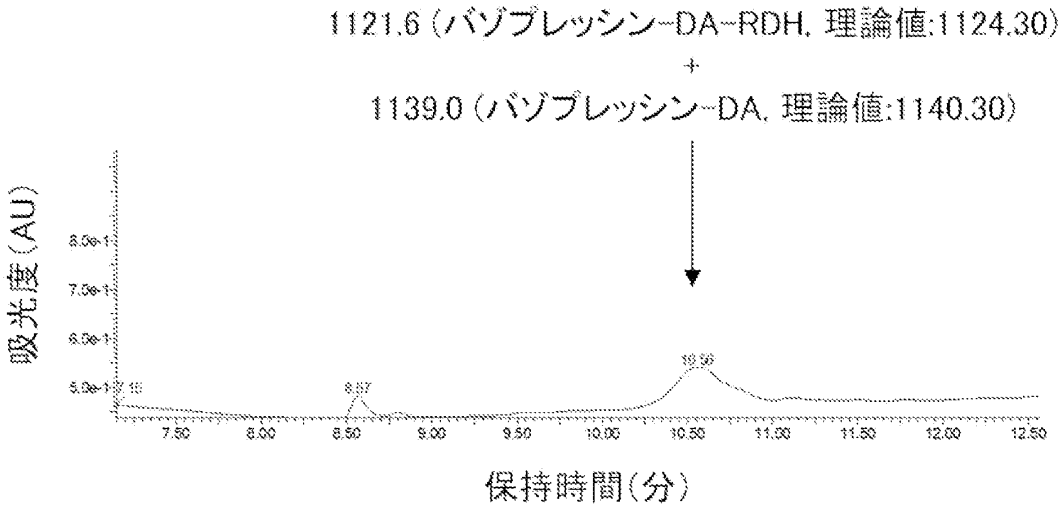


[図6]

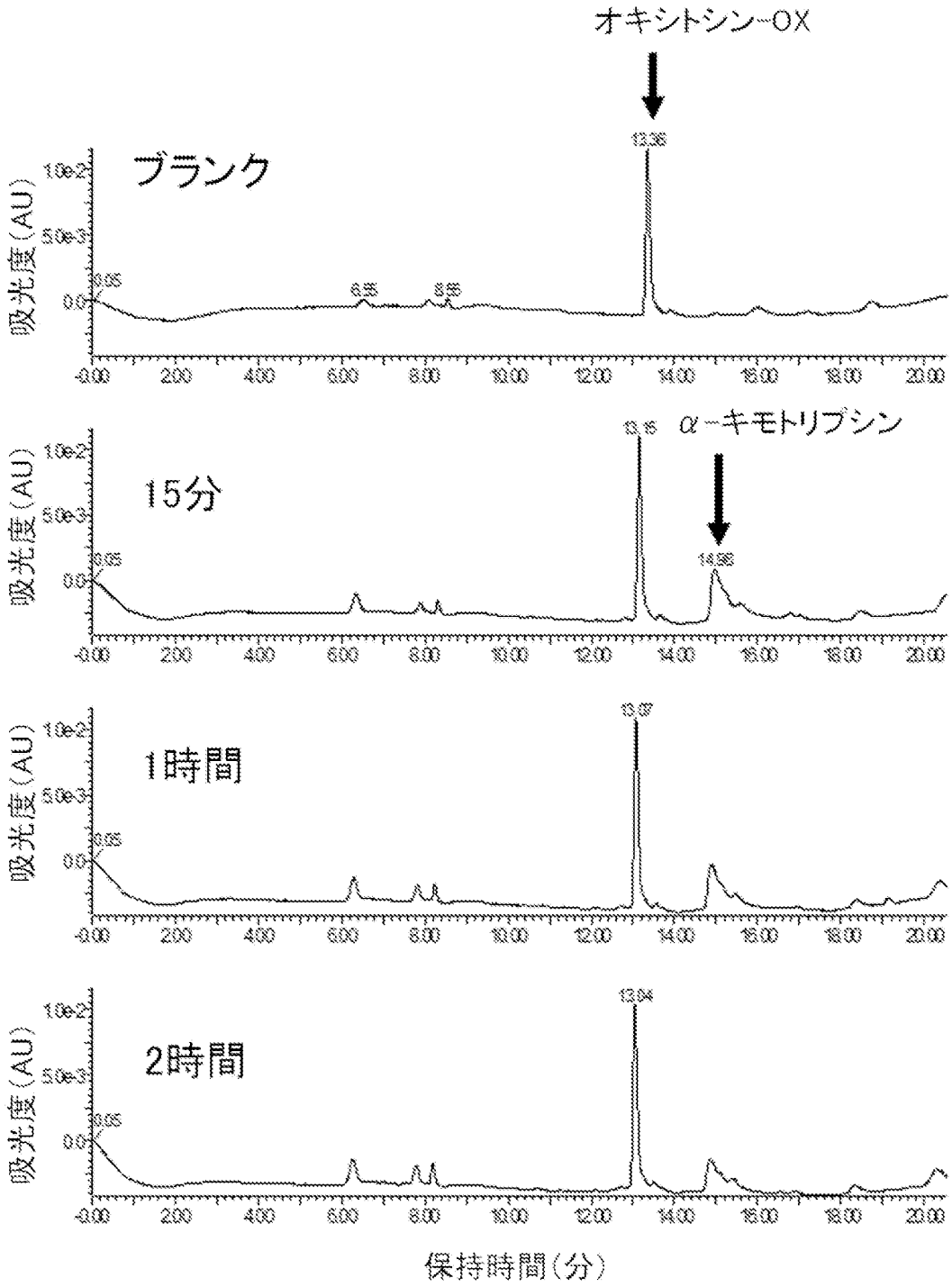
A（架橋反応前）



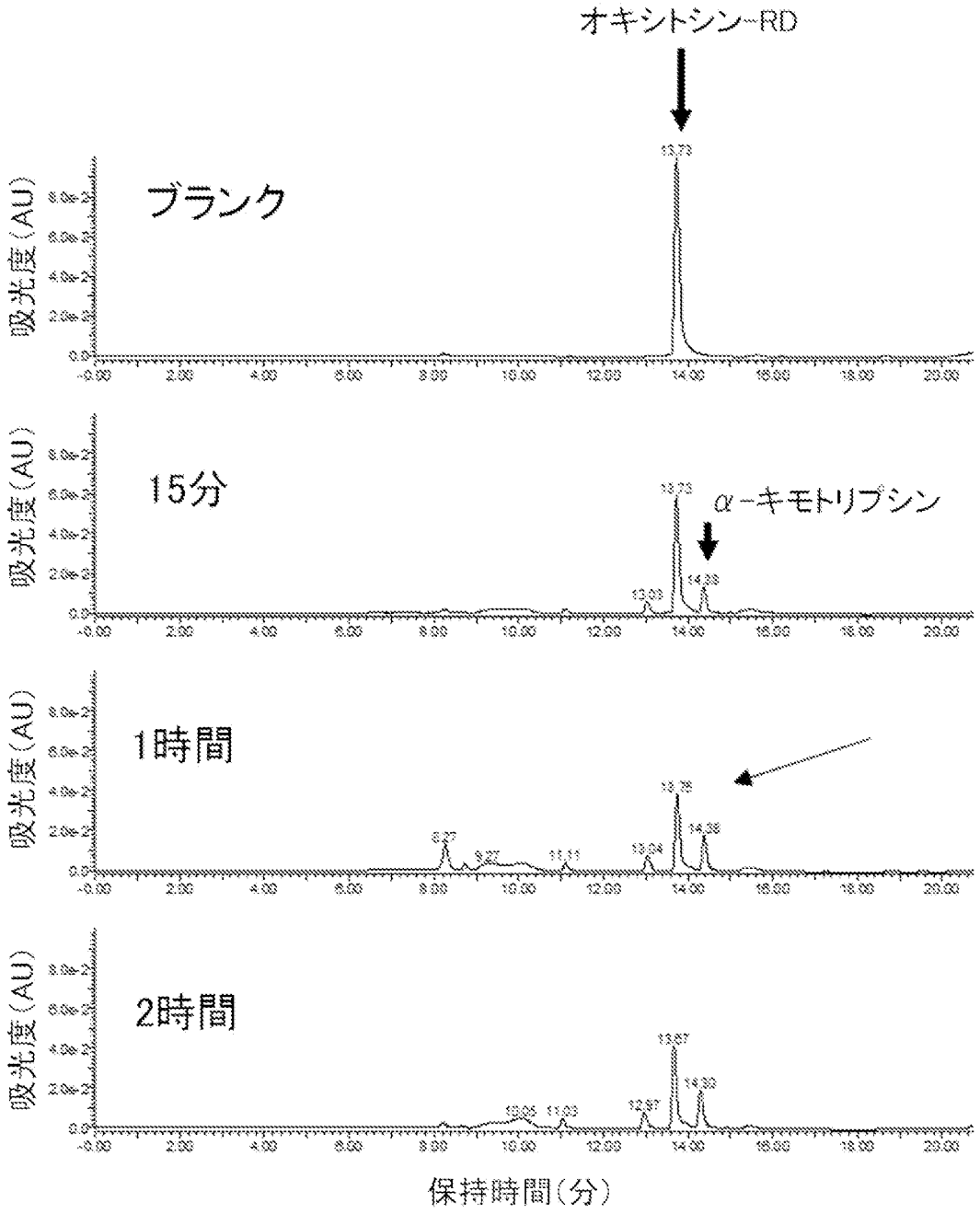
B（架橋反応後）



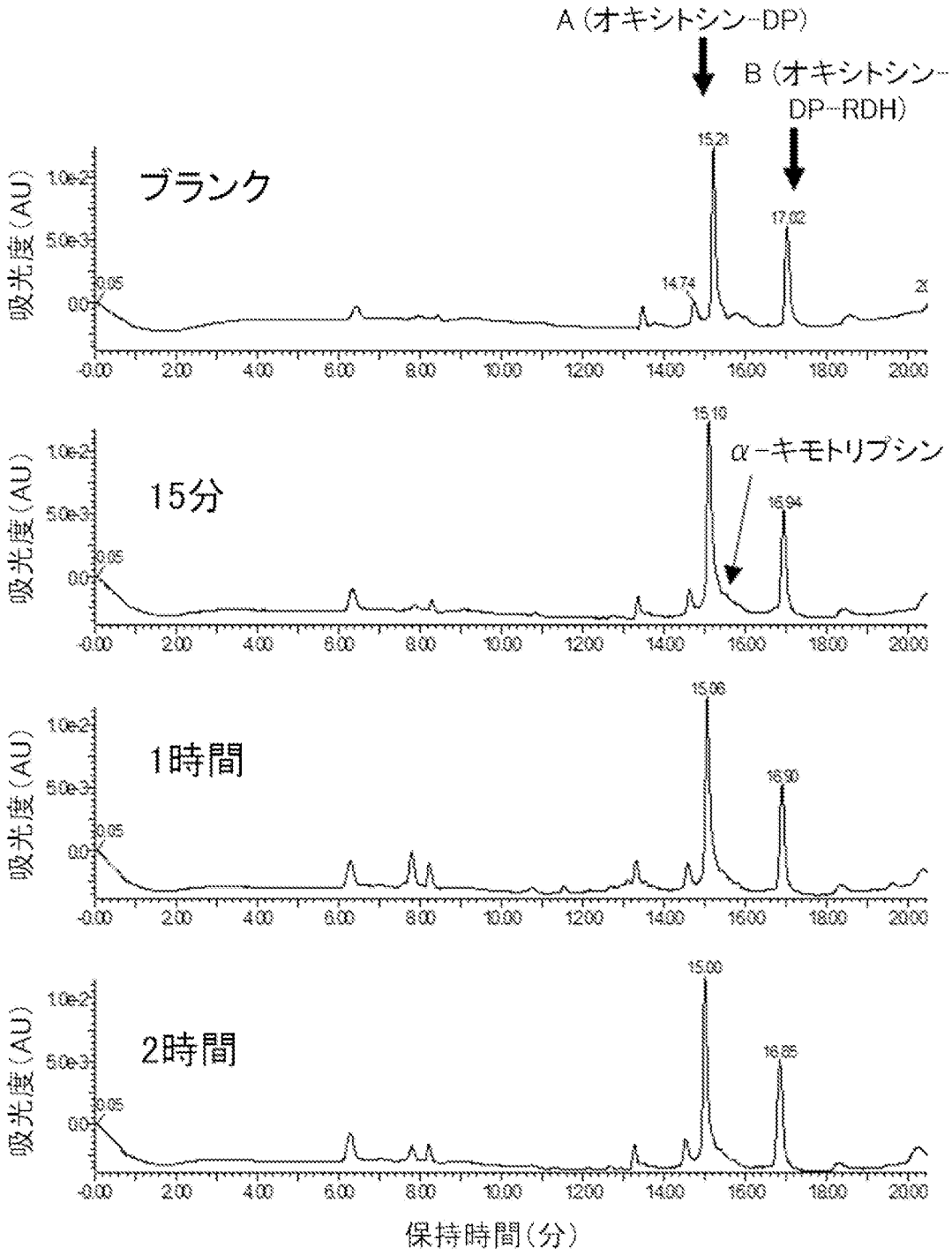
[図7]



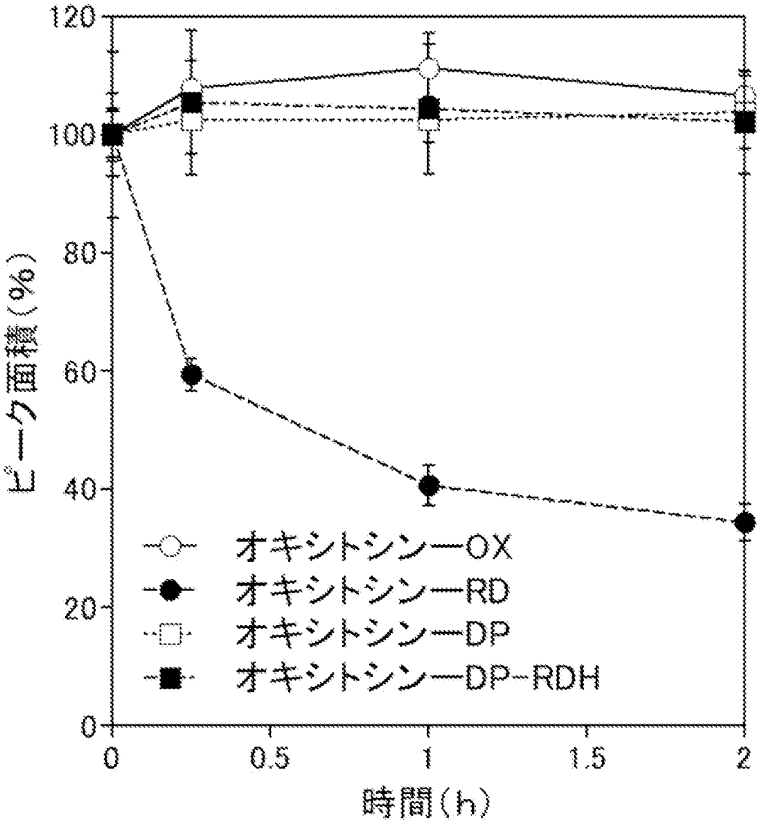
[図8]



[図9]


A（オキシトシン-DP）
B（オキシトシン-DP-RDH）
ブランク
15分
1時間
2時間
α-キモトリプシン
吸光度（AU）
保持時間（分）

[図10]


120
100
80
60
40
20
0
ピーク面積(%)
0
0.5
1
1.5
2
時間(h)
オキシトシン—OX
オキシトシン—RD
オキシトシン—DP
オキシトシン—DP-RDH