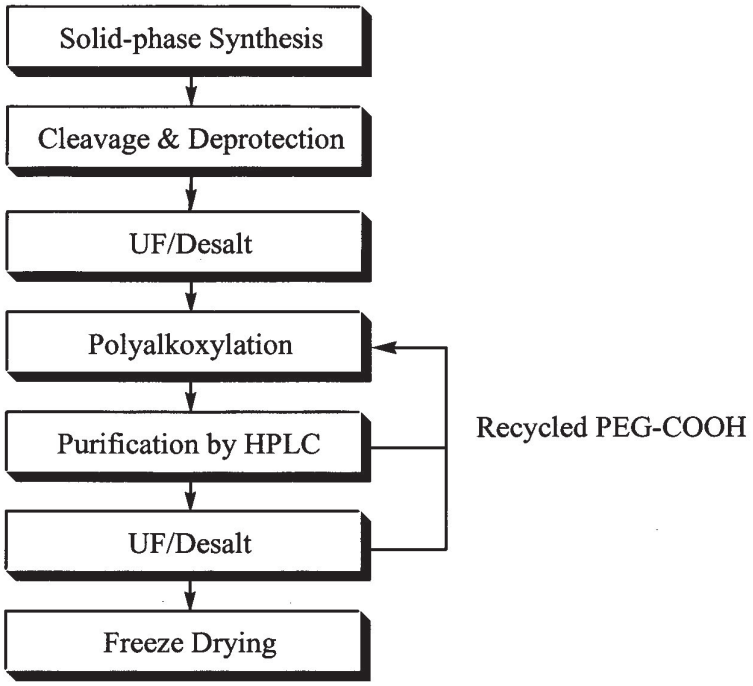
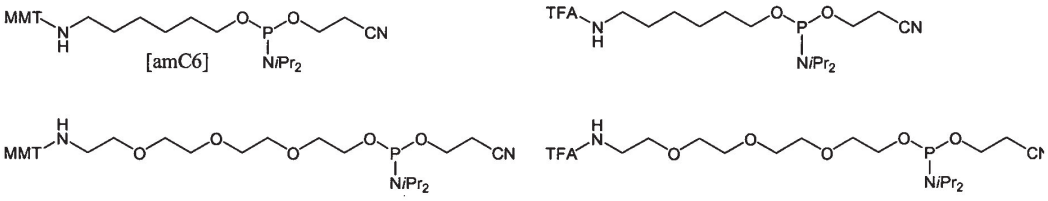
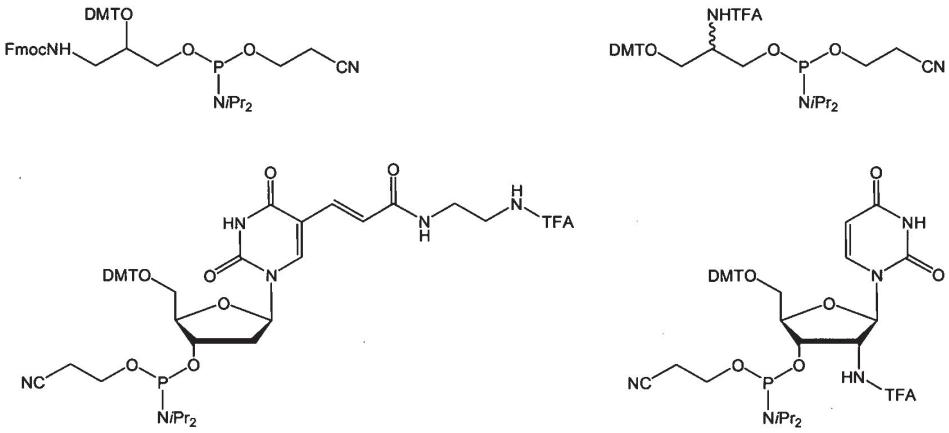

Solid-phase Synthesis
Cleavage & Deprotection
UF/Desalt
Polyalkoxylation
Purification by HPLC
UF/Desalt
Freeze Drying
Recycled PEG-COOH

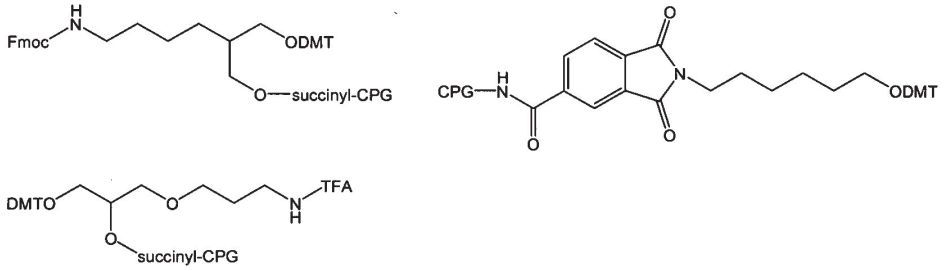
Figure 1



building blocks for 5'-amino-modifications



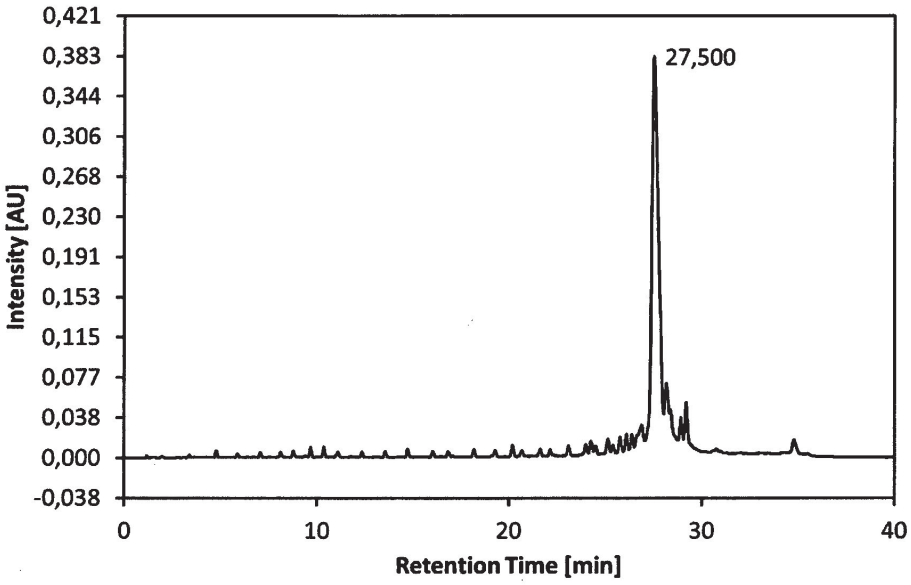
building blocks for internal amino-modifications



building blocks for 3'-amino-modifications

Figure 2

A)


0,421
0,383
0,344
0,306
0,268
0,230
0,191
0,153
0,115
0,077
0,038
0,000
-0,038
Intensity [AU]
27,500
0
10
20
30
40
Retention Time [min]

B)

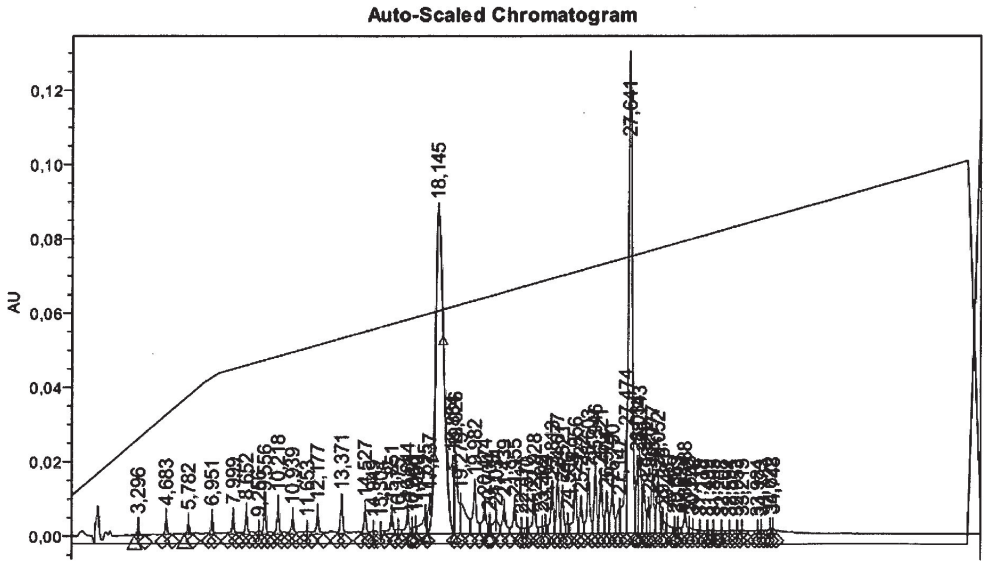
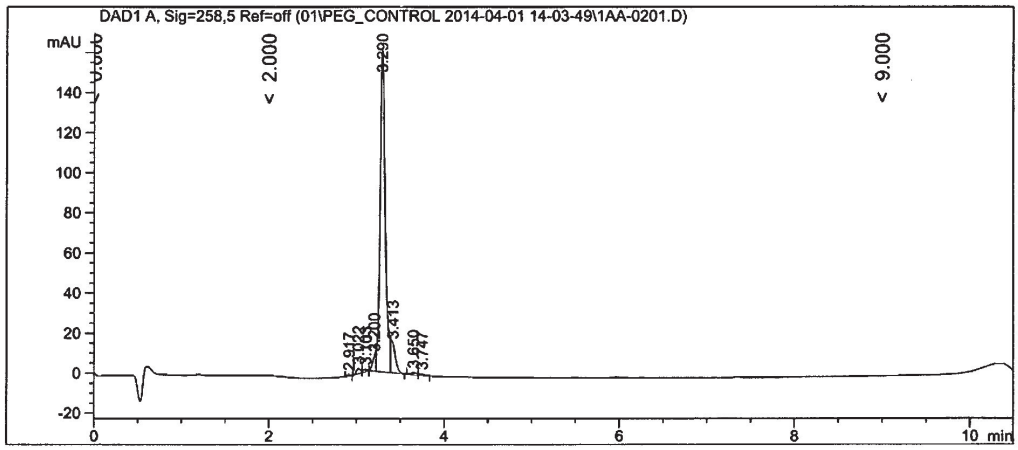

Auto-Scaled Chromatogram
AU
0,12
0,10
0,08
0,06
0,04
0,02
0,00
18,145
27,641
3,296
4,683
5,782
6,951
13,371

Figure 3

C)



D)

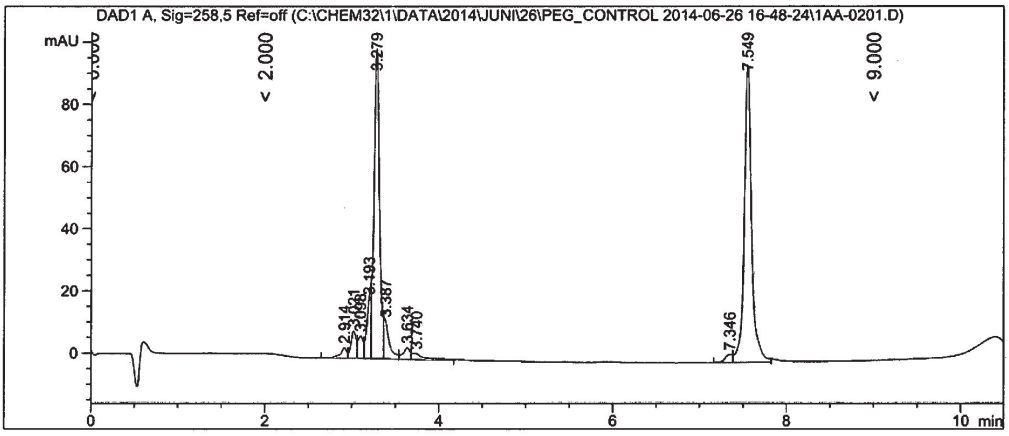
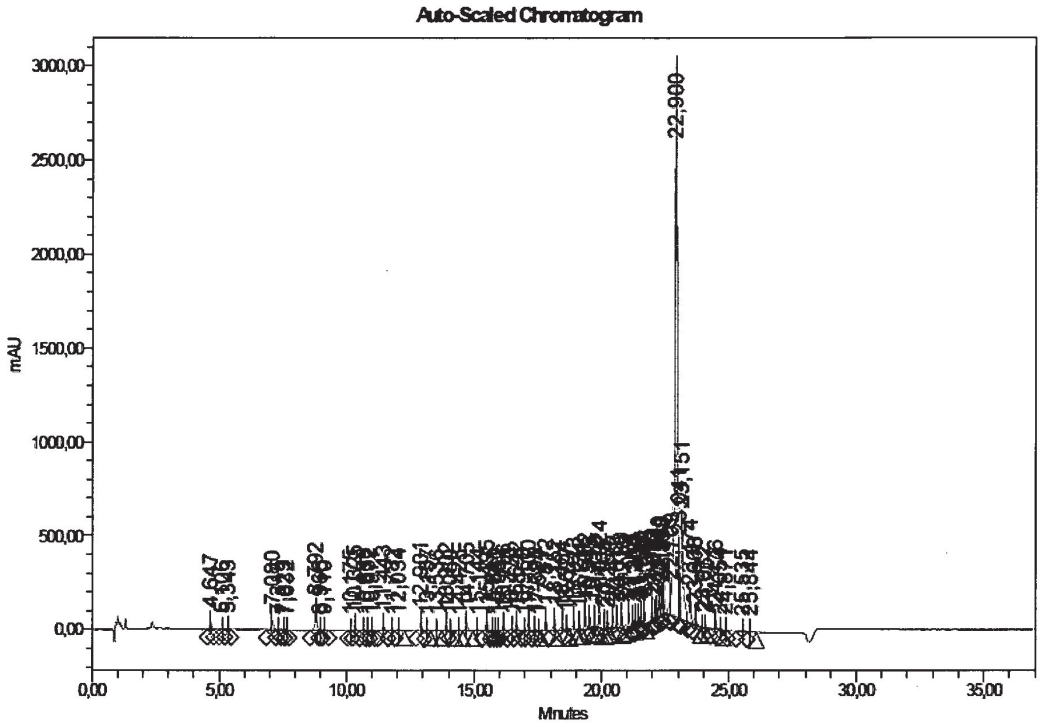


Figure 3 (continuation)

A)


Auto-Scaled Chromatogram
mAU
Minutes
22,900

B)

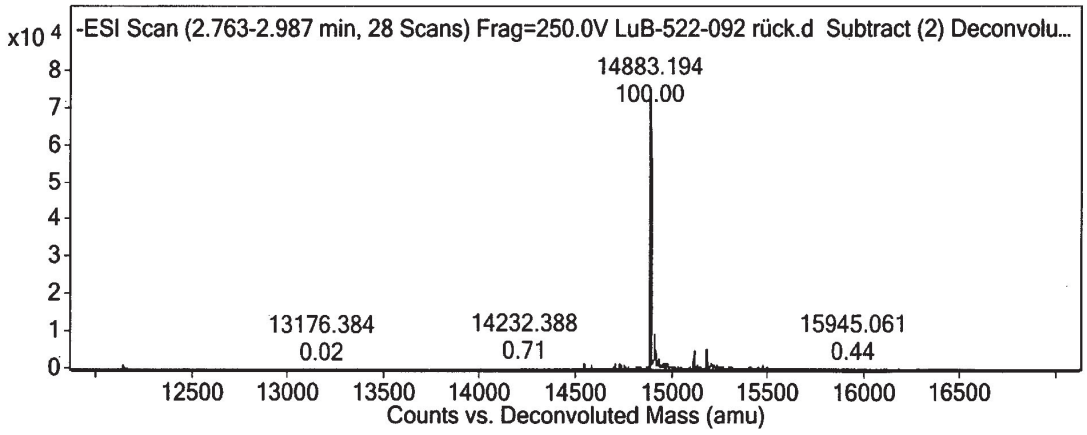

-ESI Scan (2.763-2.987 min, 28 Scans) Frag=250.0V LuB-522-092 rück.d Subtract (2) Deconvolu...
x10 4
14883.194
100.00
13176.384
0.02
14232.388
0.71
15945.061
0.44
Counts vs. Deconvoluted Mass (amu)

Figure 4

C)

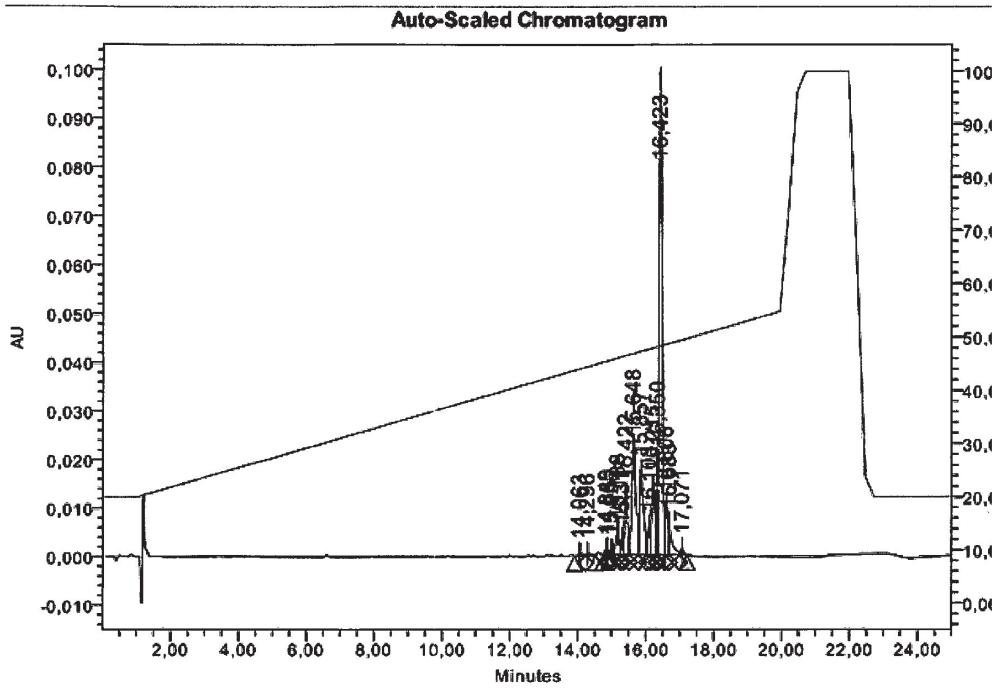
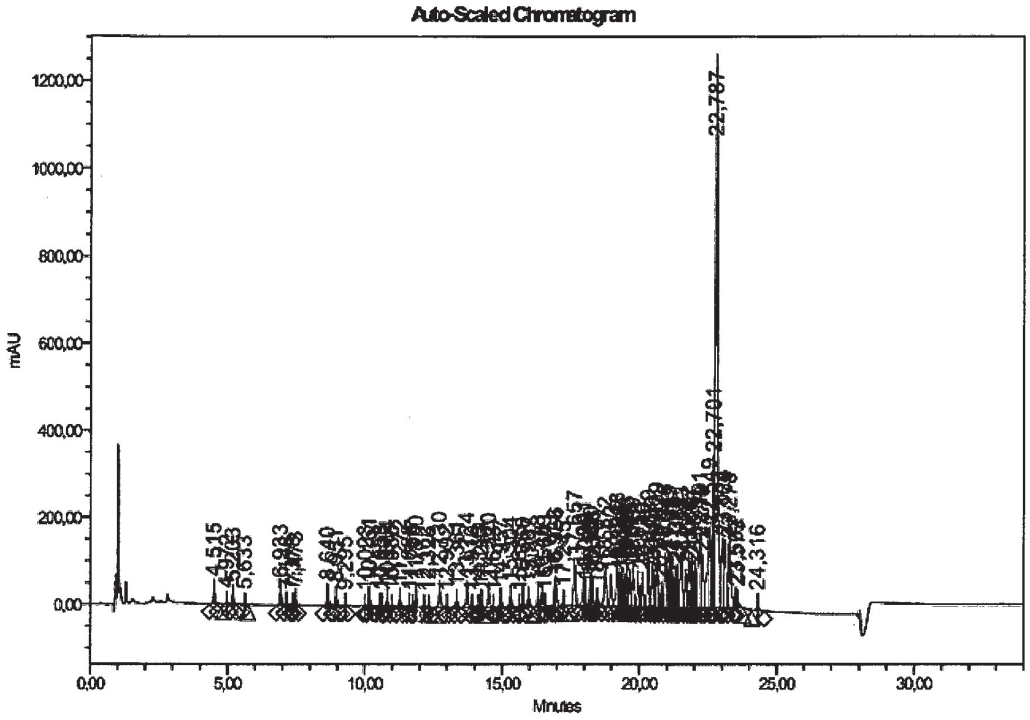


Figure 4 (continuation)

A)


Auto-Scaled Chromatogram
mAU
Minutes
22,787
22,704
24,316

B)

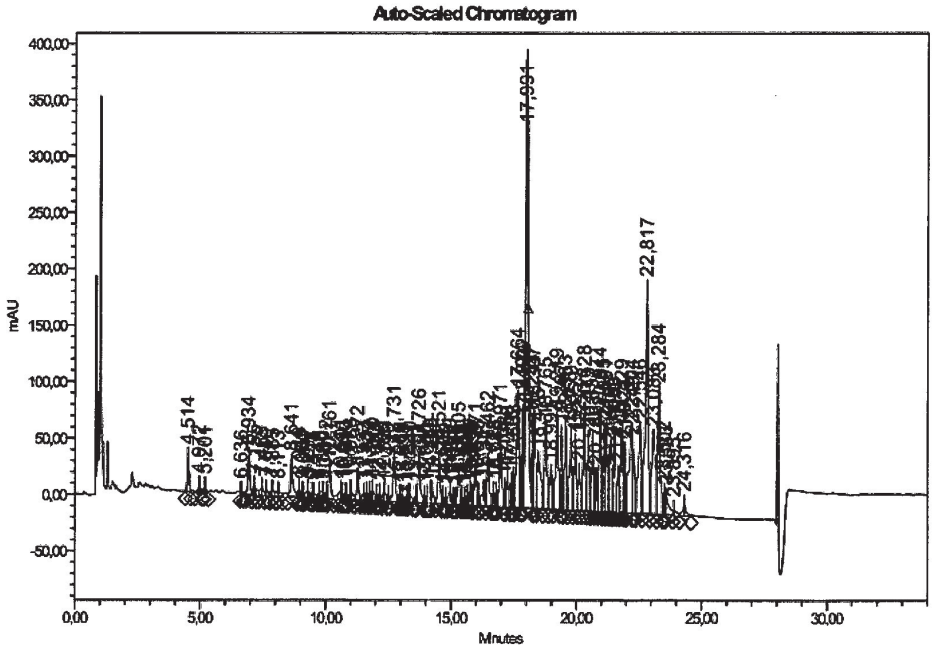
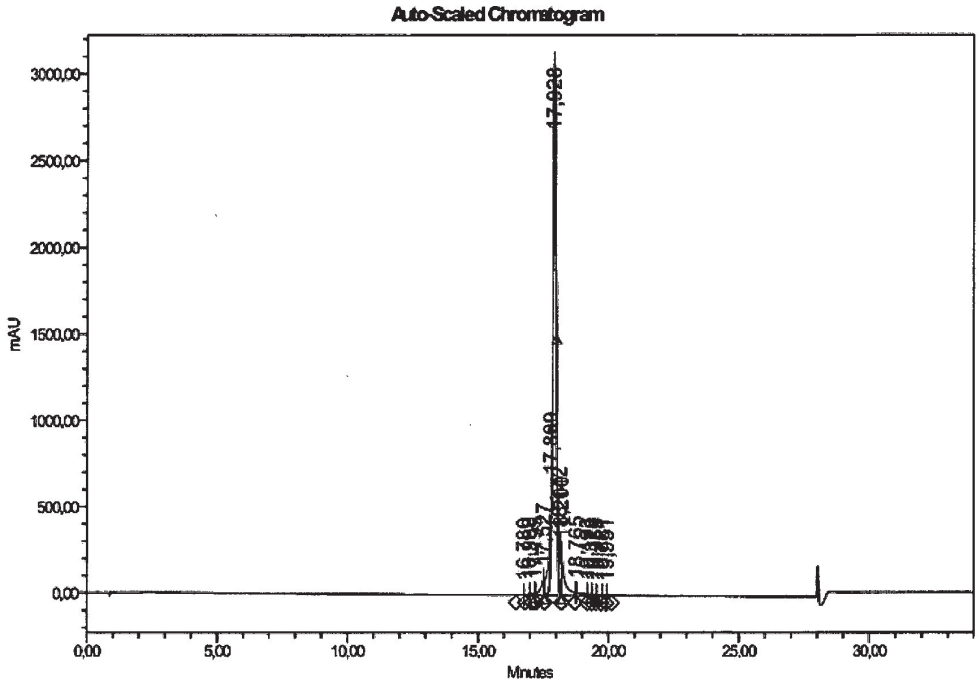

Auto-Scaled Chromatogram
mAU
Minutes
17,991
22,817
28,284
24,316

Figure 5

C)



D)

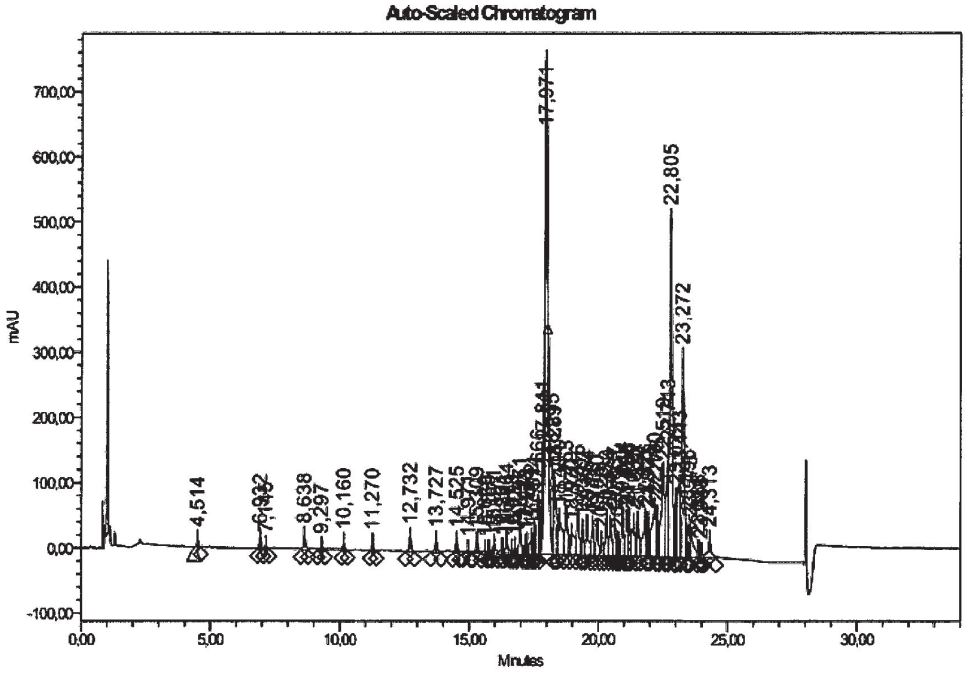


Figure 5 (continuation)

E)

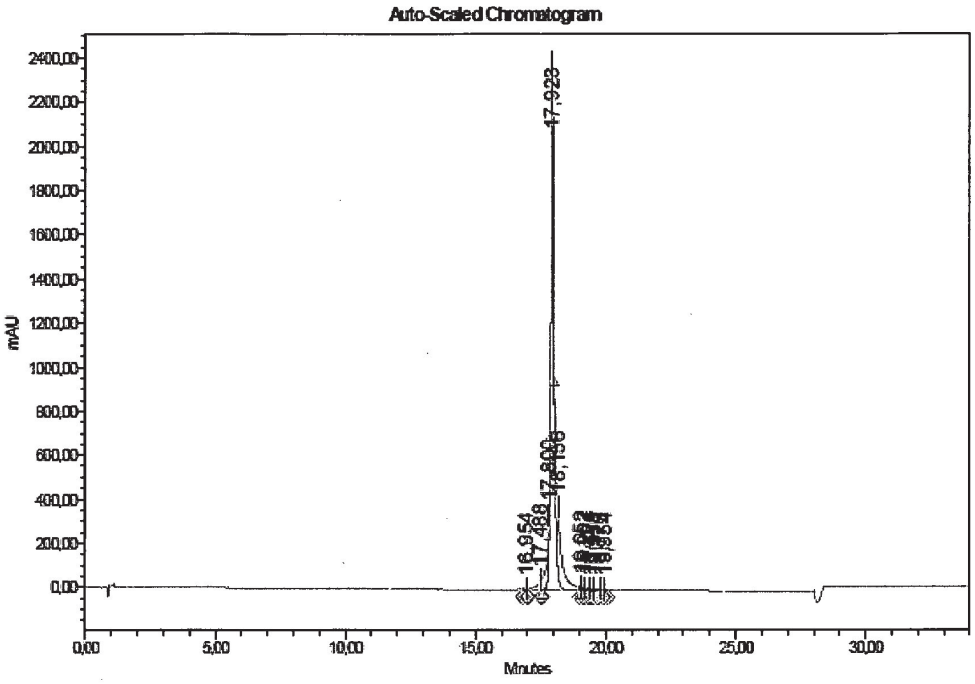


Figure 5 (continuation)