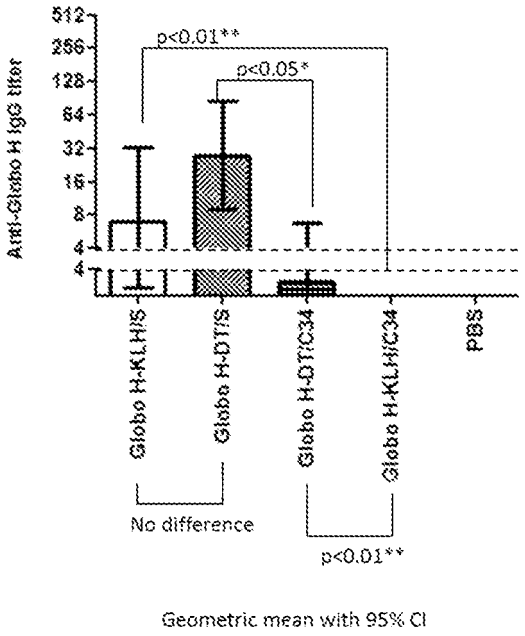
Fig. 1

A


Anti-Globo H IgG titer
512
256
128
64
32
16
8
4
4
p<0.01**
p<0.05*
Globo H-KLH/S
Globo H-DT/S
Globo H-DT/C34
Globo H-KLH/C34
PBS
No difference
p<0.01**
Geometric mean with 95% CI

B

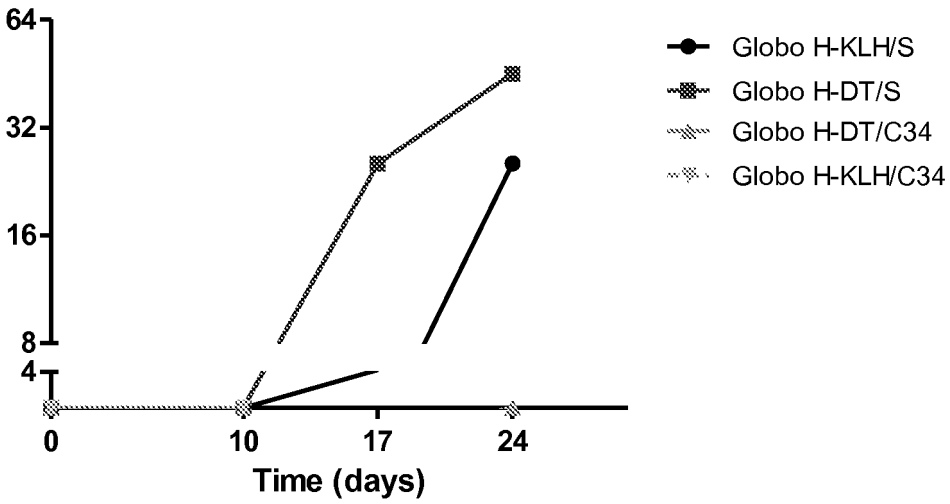

64
32
16
8
4
0
10
17
24
Time (days)
Globo H-KLH/S
Globo H-DT/S
Globo H-DT/C34
Globo H-KLH/C34

Fig. 2

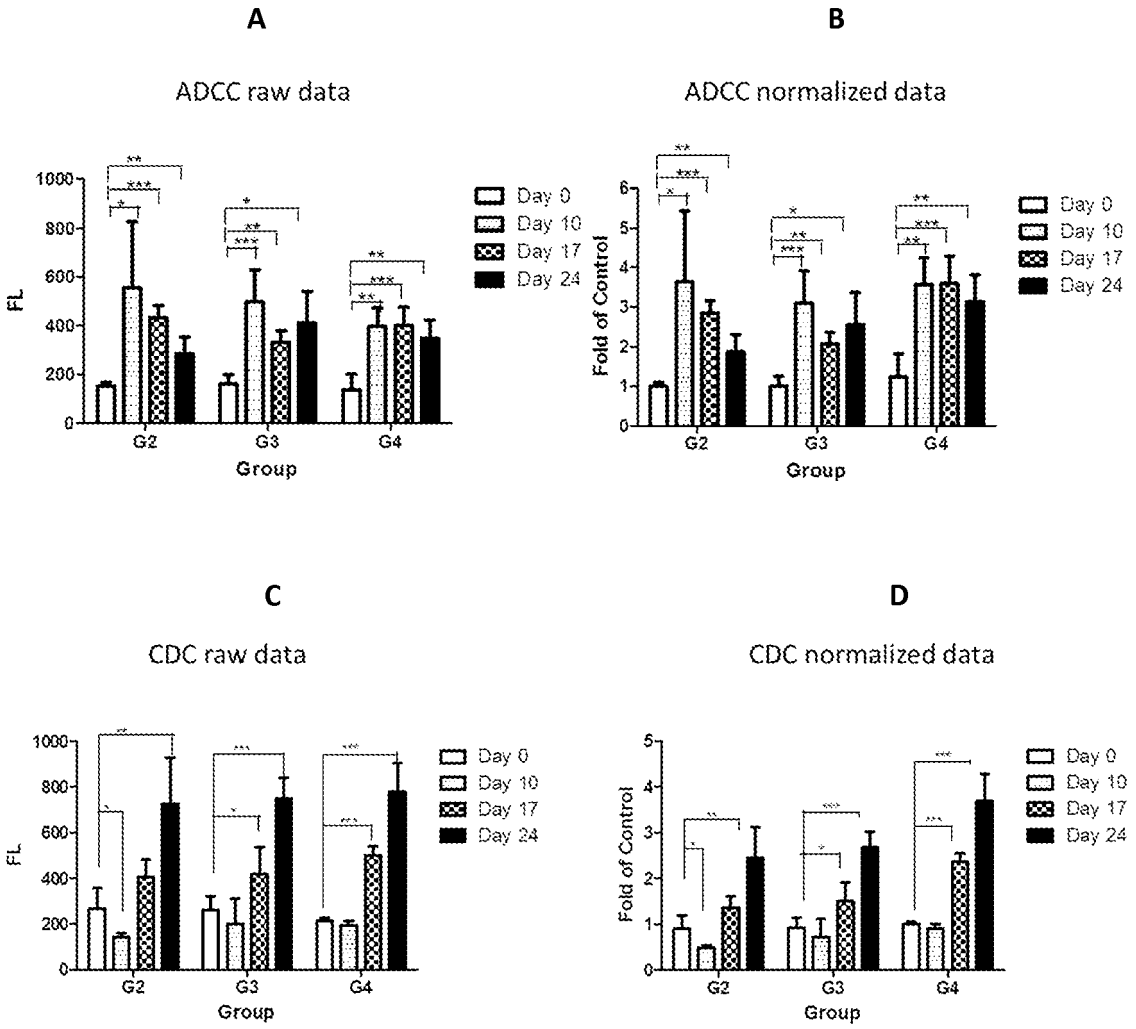
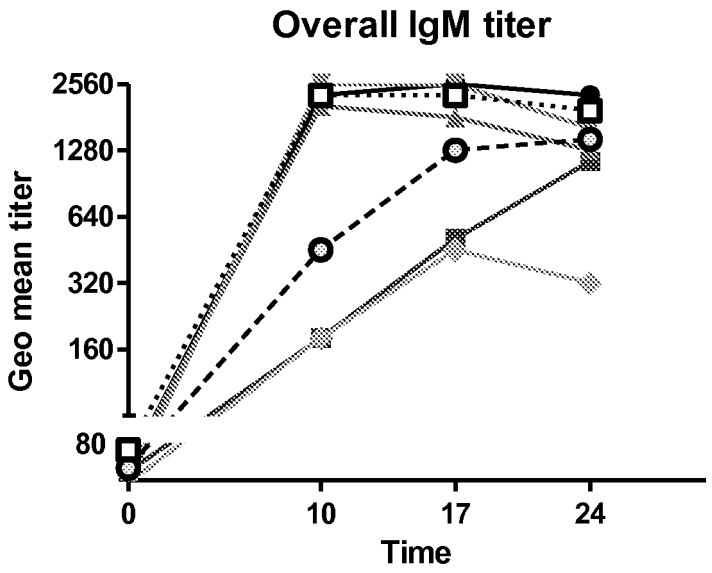
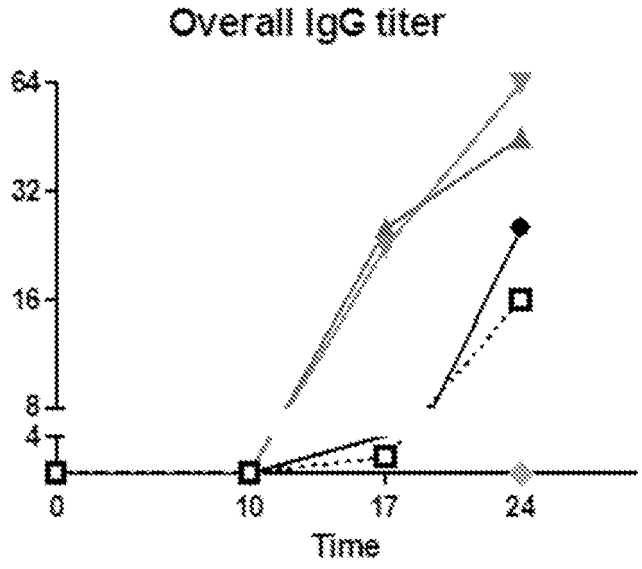

A
ADCC raw data
FL
Group
G2
G3
G4
Day 0
Day 10
Day 17
Day 24
B
ADCC normalized data
Fold of Control
C
CDC raw data
D
CDC normalized data

Fig. 3

A



B



G1
G2
G3
G4
G5
G6
G7

Fig. 4

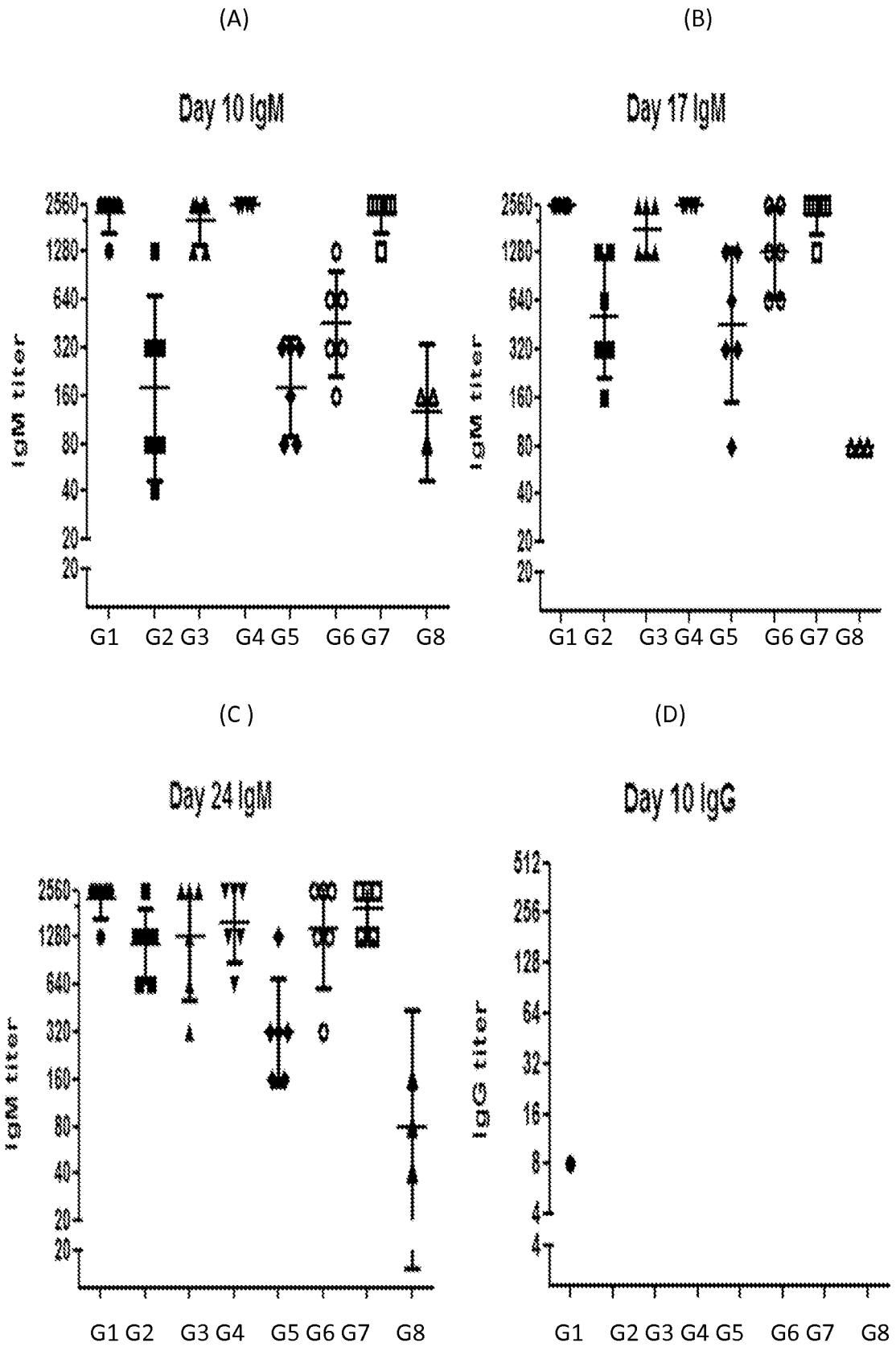
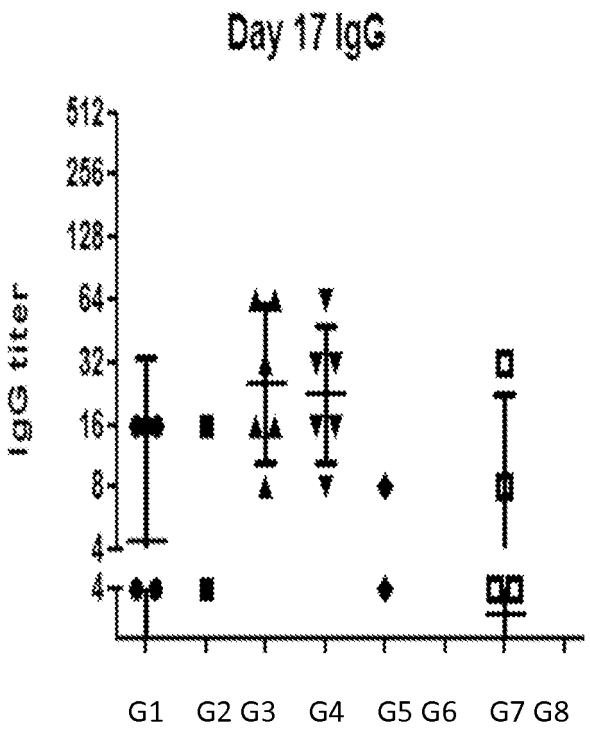
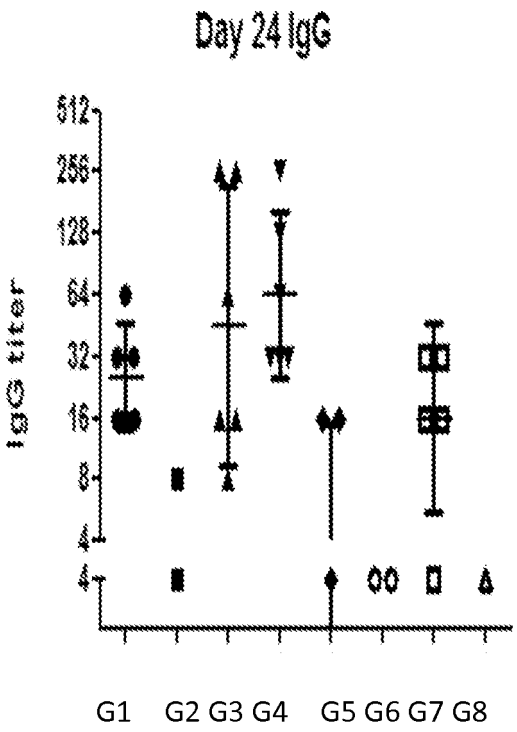

(A)
Day 10 IgM
IgM titer
2560
1280
640
320
160
80
40
20
20
G1 G2 G3 G4 G5 G6 G7 G8
(B)
Day 17 IgM
IgM titer
2560
1280
640
320
160
80
40
20
20
G1 G2 G3 G4 G5 G6 G7 G8
(C)
Day 24 IgM
IgM titer
2560
1280
640
320
160
80
40
20
20
G1 G2 G3 G4 G5 G6 G7 G8
(D)
Day 10 IgG
IgG titer
512
256
128
64
32
16
8
4
4
G1 G2 G3 G4 G5 G6 G7 G8

Fig. 4

(E)


Day 17 IgG
IgG titer
512
256
128
64
32
16
8
4
4
G1 G2 G3 G4 G5 G6 G7 G8

(F)


Day 24 IgG
IgG titer
512
256
128
64
32
16
8
4
4
G1 G2 G3 G4 G5 G6 G7 G8

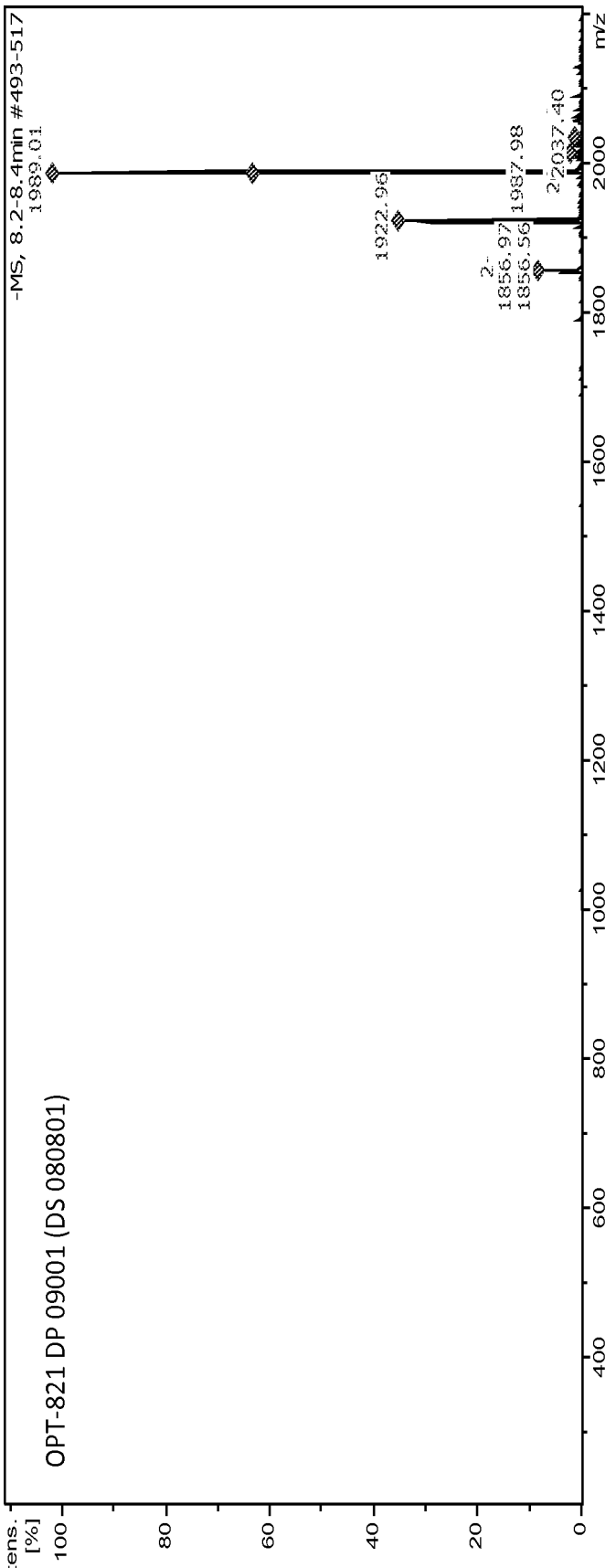

-MS, 8.2-8.4min #493-517
1989.01
1922.96
1987.98
2037.40
2-
1856.97
1856.56
OPT-821 DP 09001 (DS 080801)
Intens.
[%]
m/z

Fig. 5A

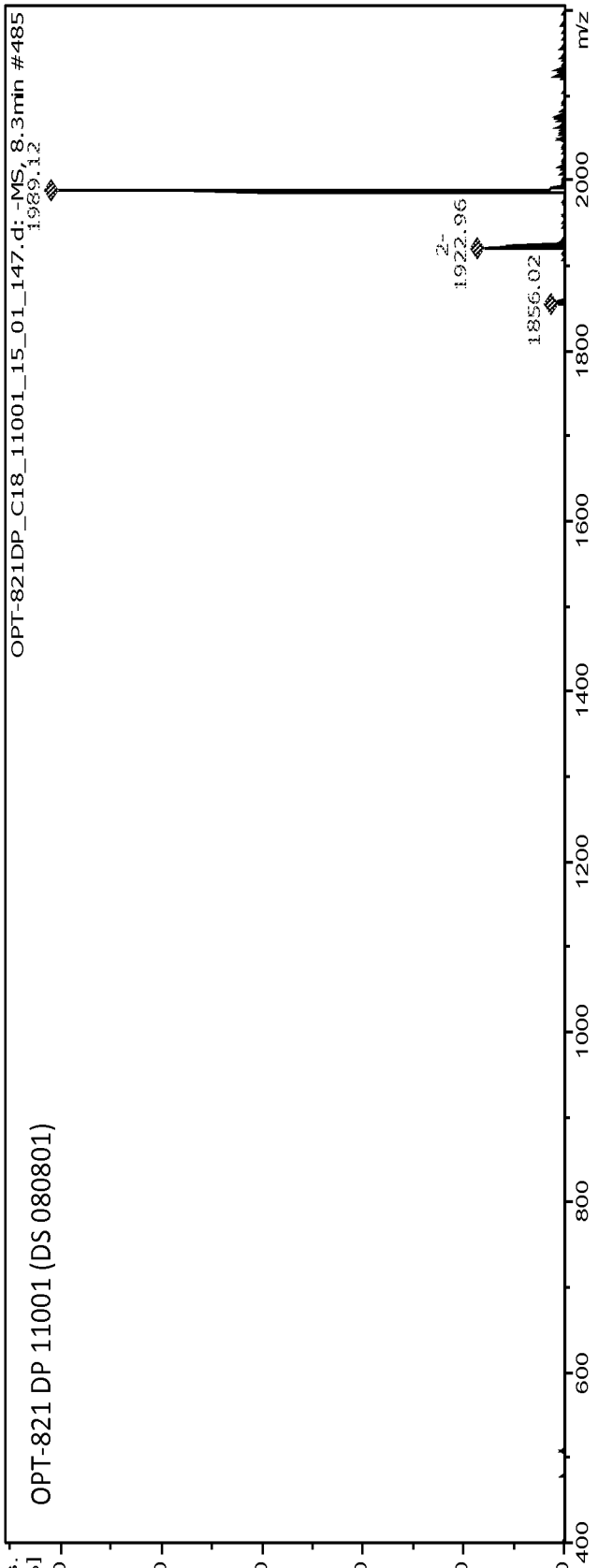
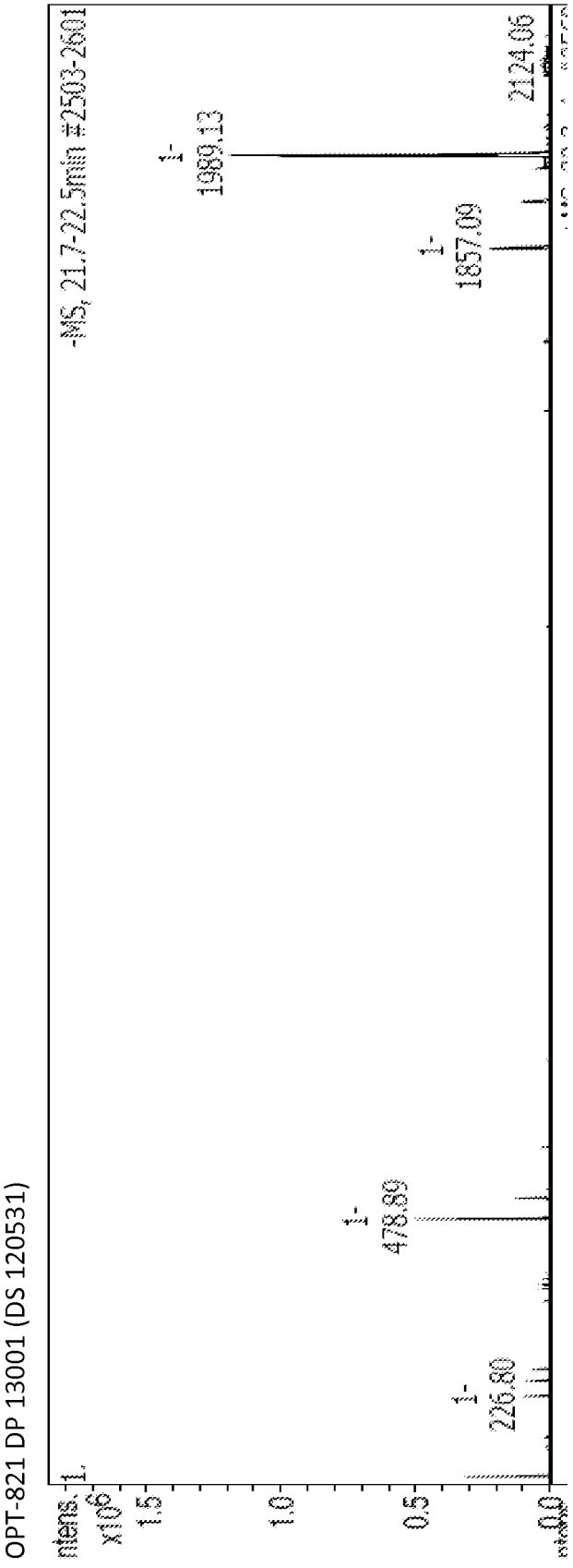

OPT-821DP_C18_11001_15_01_147.d: -MS, 8.3min #485
1989.12
2-
1922.96
1856.02
OPT-821 DP 11001 (DS 080801)
Intens.
[%]
100
80
60
40
20
0
400
600
800
1000
1200
1400
1600
1800
2000
m/z

Fig. 5B

Fig. 5C


OPT-821 DP 13001 (DS 120531)
-MS, 21.7-22.5min #2503-2601
1989.13
2124.06
1857.09
478.89
226.80
1.5
1.0
0.5
0.0

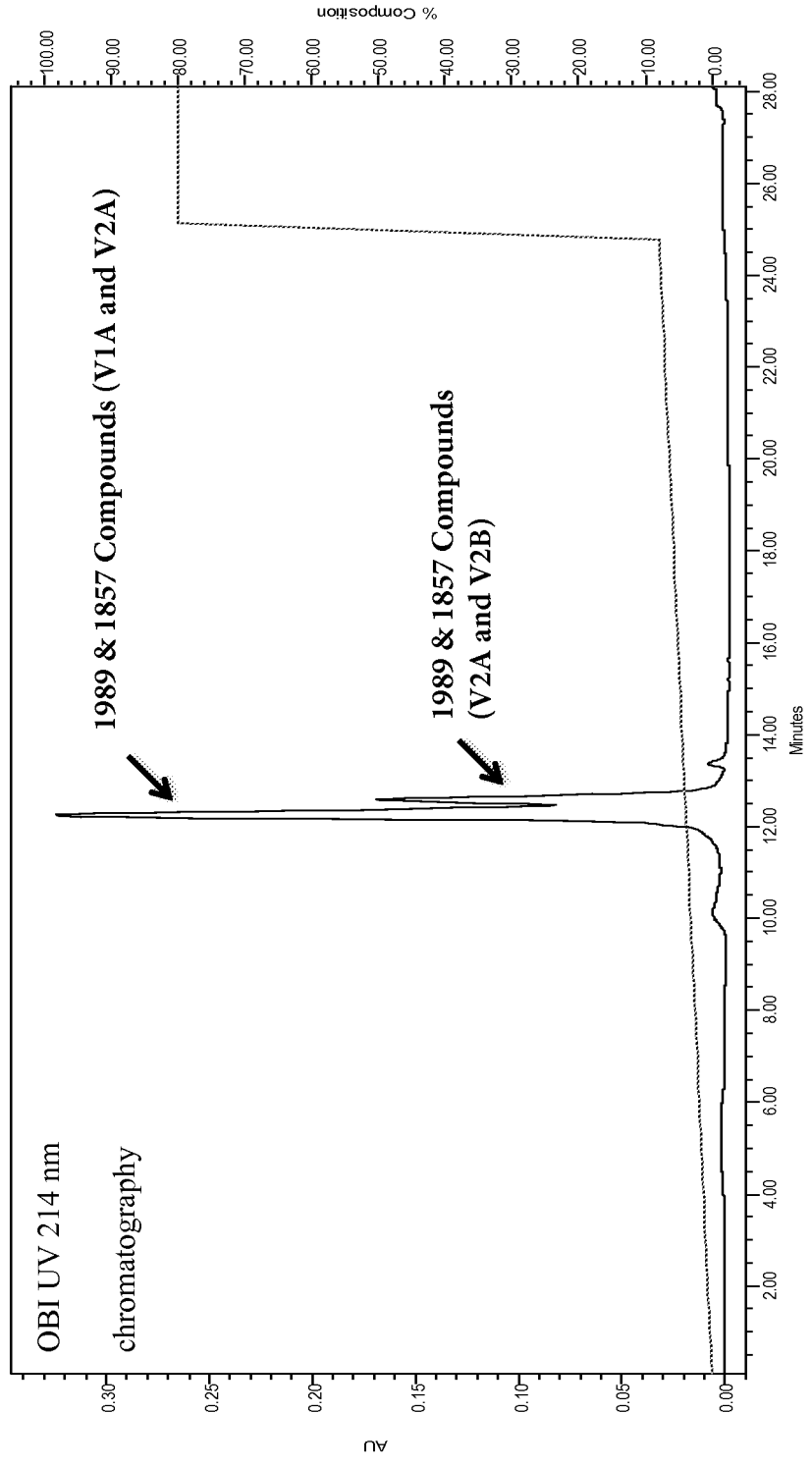

OBI UV 214 nm
chromatography
1989 & 1857 Compounds (V1A and V2A)
1989 & 1857 Compounds (V2A and V2B)
AU
Minutes
% Composition

Fig. 6

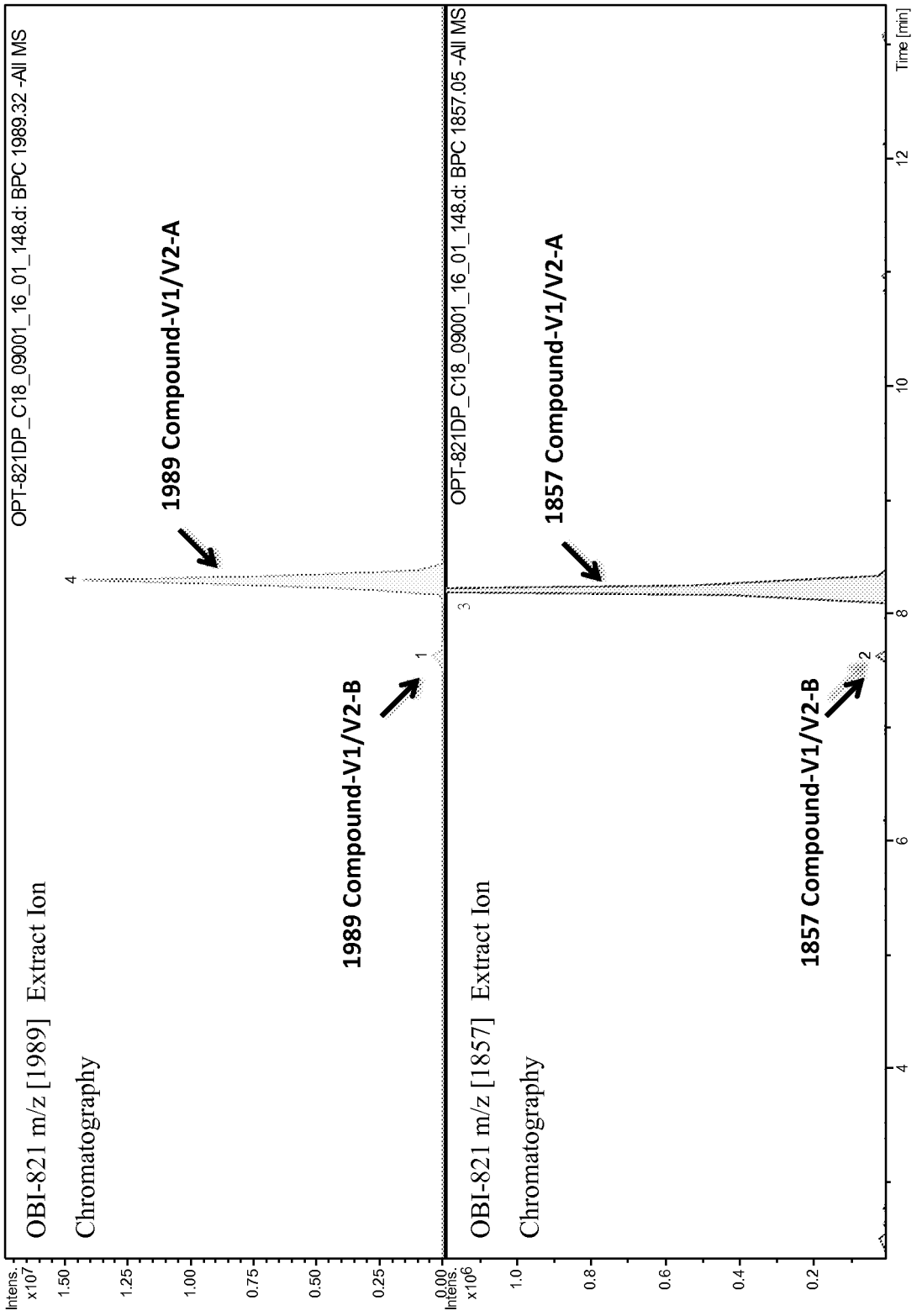

OPT-821DP_C18_09001_16_01_148.d: BPC 1989.32 -All MS
OBI-821 m/z [1989] Extract Ion Chromatography
1989 Compound-V1/V2-A
1989 Compound-V1/V2-B
Intens. x10^7
OPT-821DP_C18_09001_16_01_148.d: BPC 1857.05 -All MS
OBI-821 m/z [1857] Extract Ion Chromatography
1857 Compound-V1/V2-A
1857 Compound-V1/V2-B
Intens. x10^6
Time [min]

Fig. 7