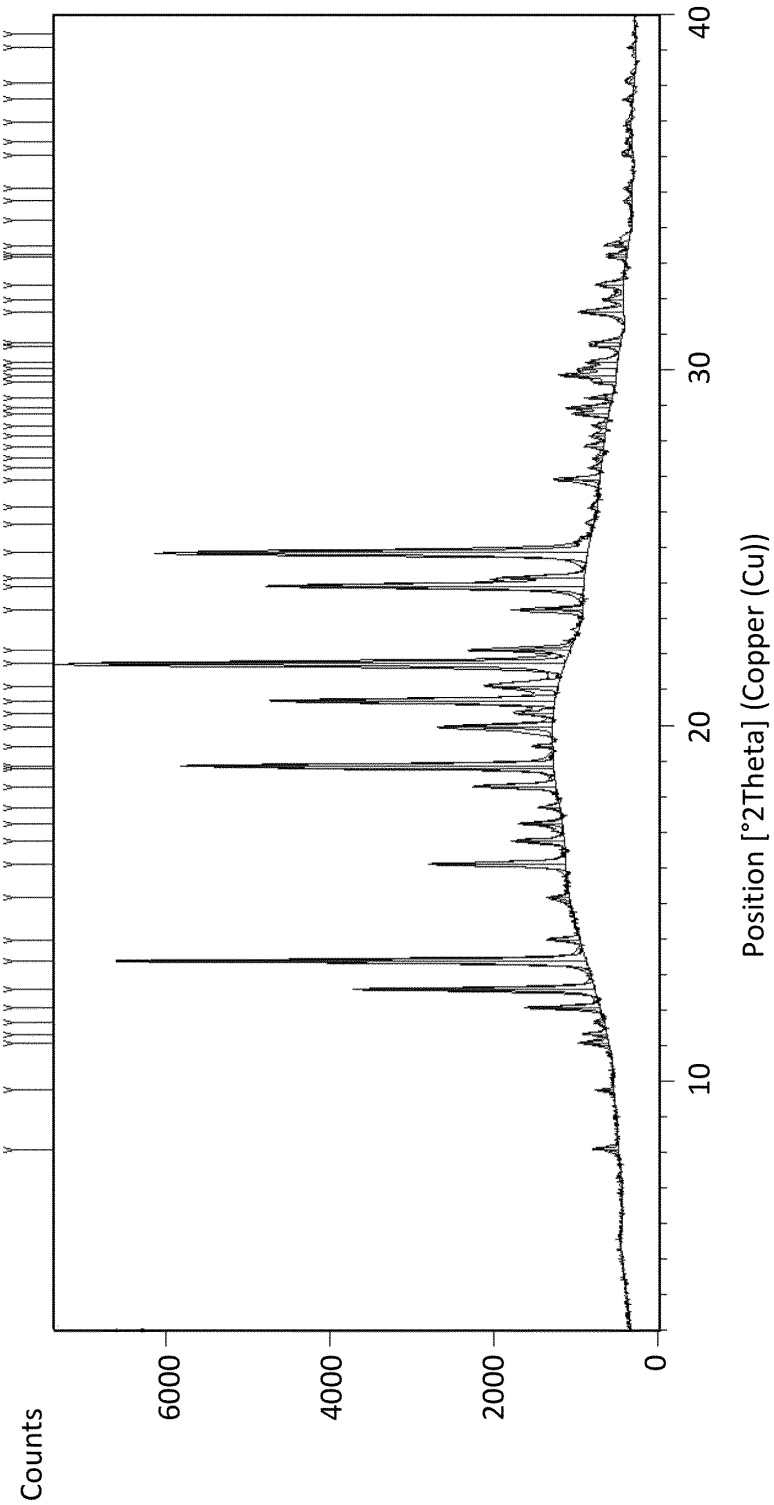

Fig. 1A

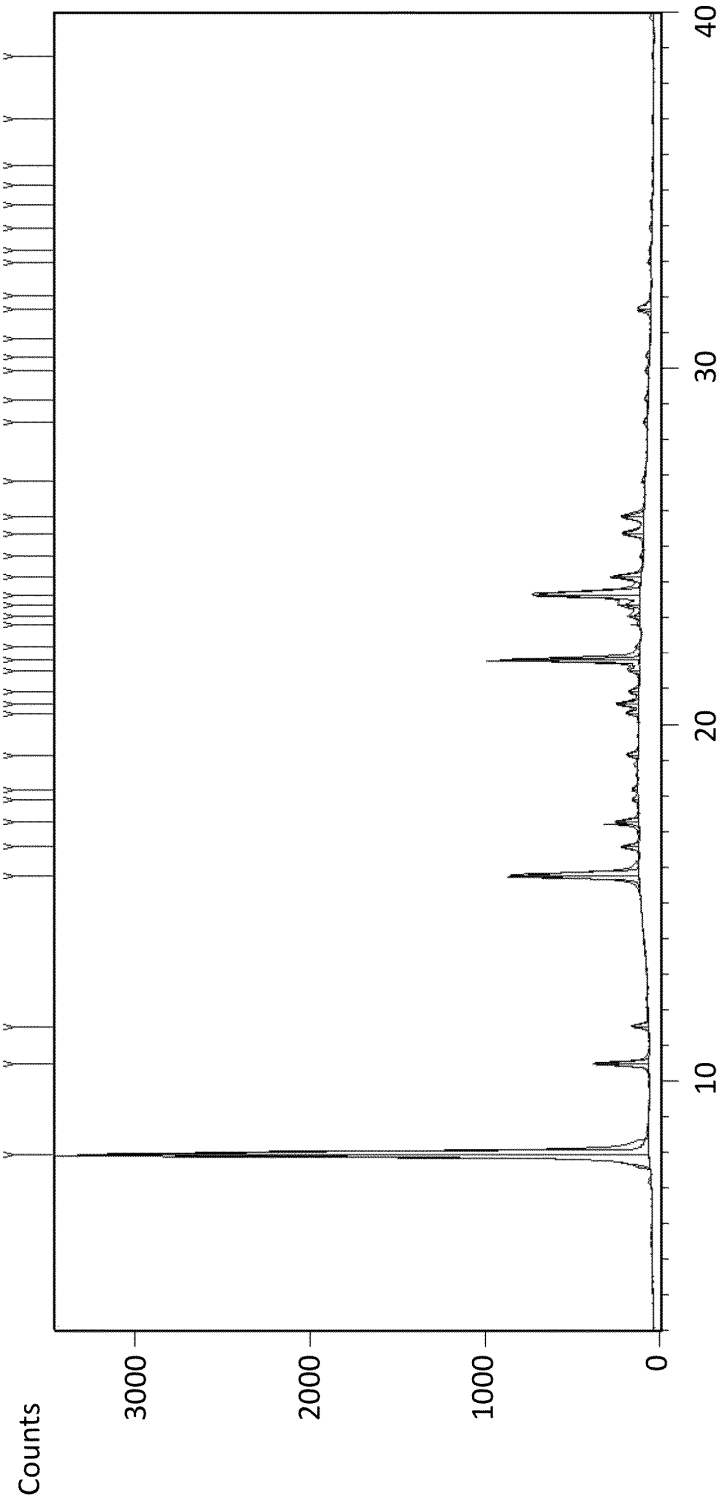

Fig. 1B

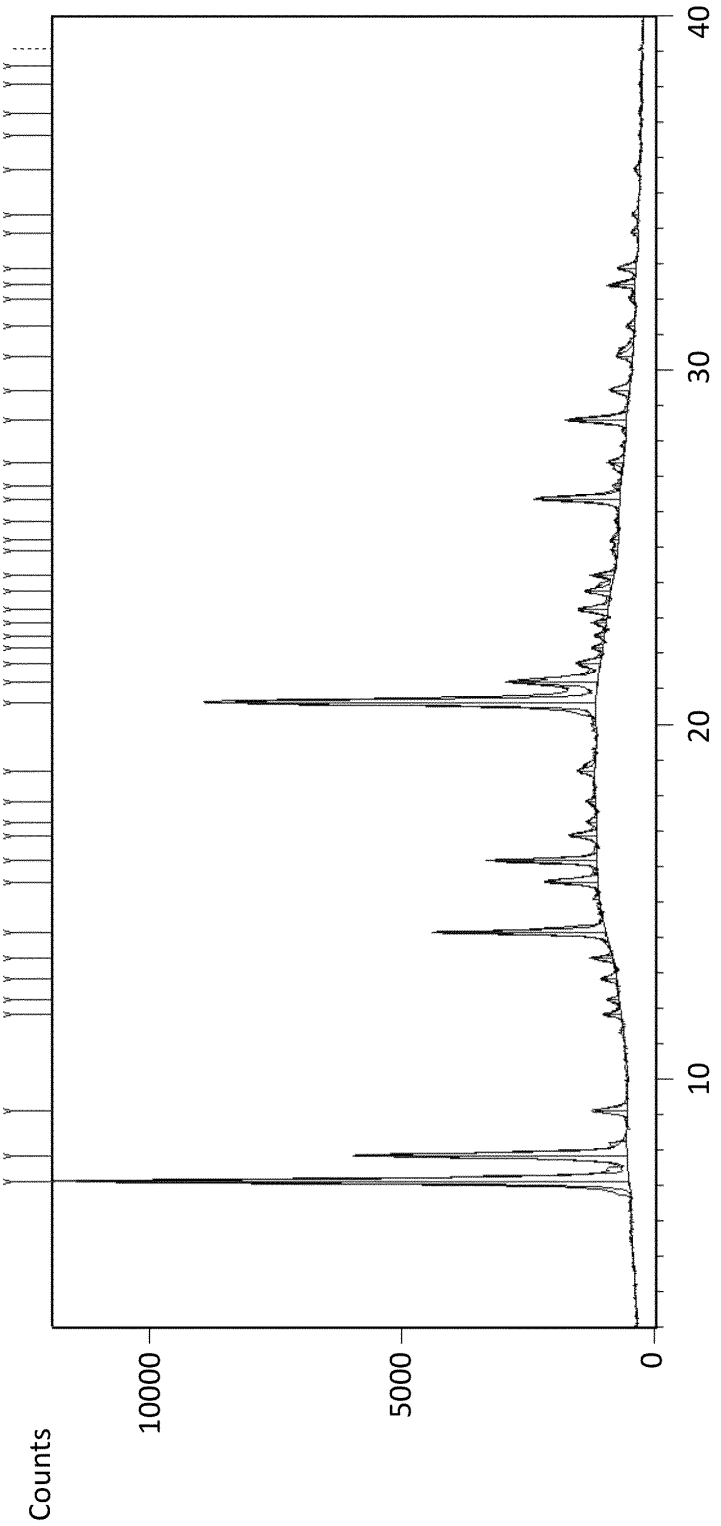

Fig. 1C

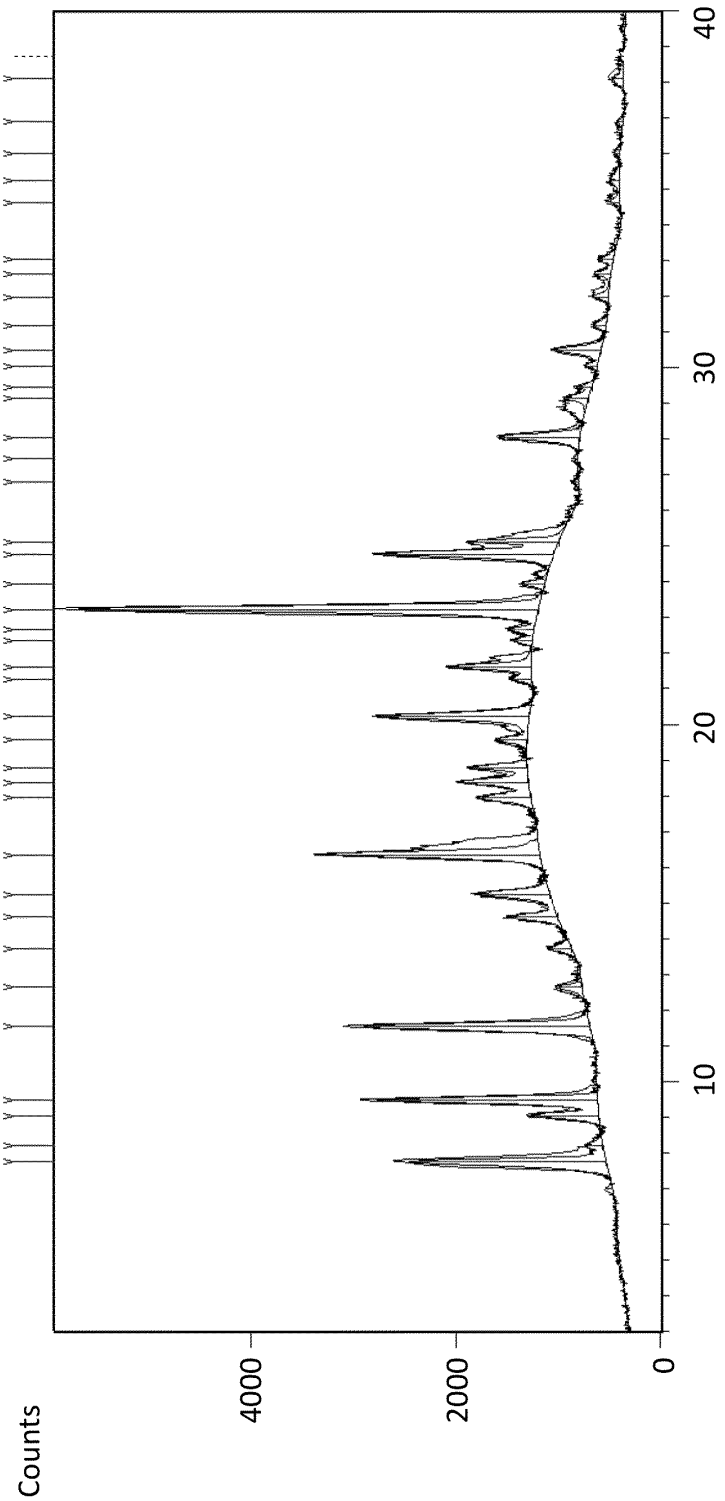

Fig. 1D

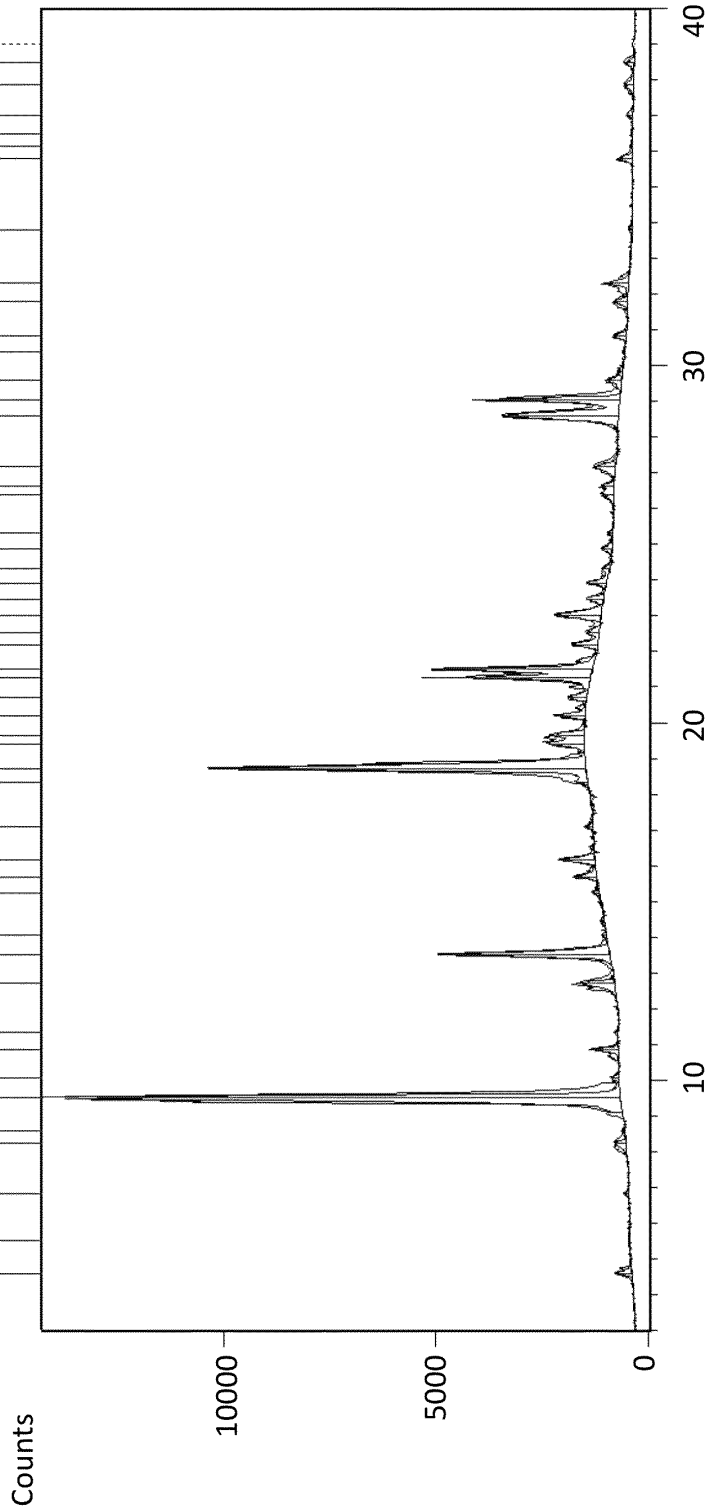

Fig. 1E

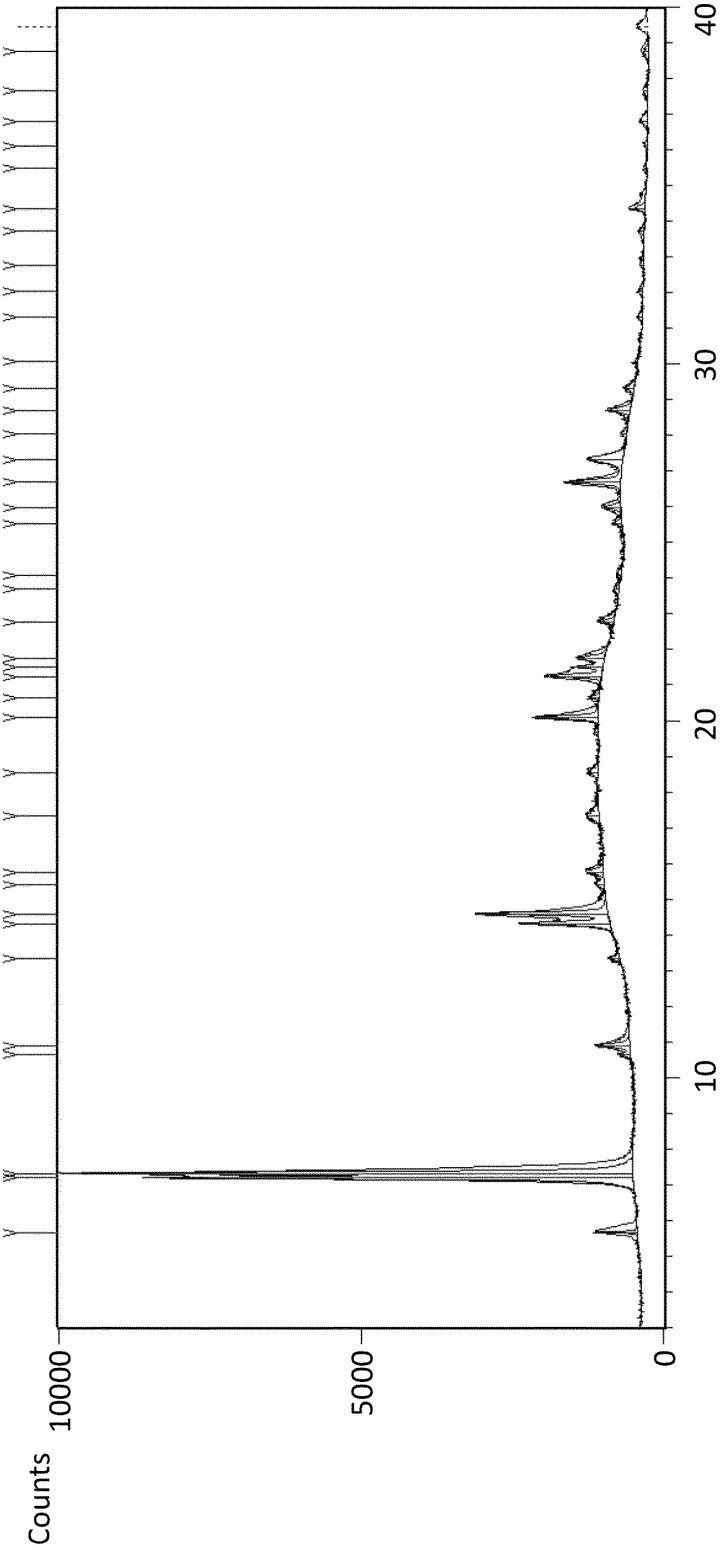

Fig. 1F

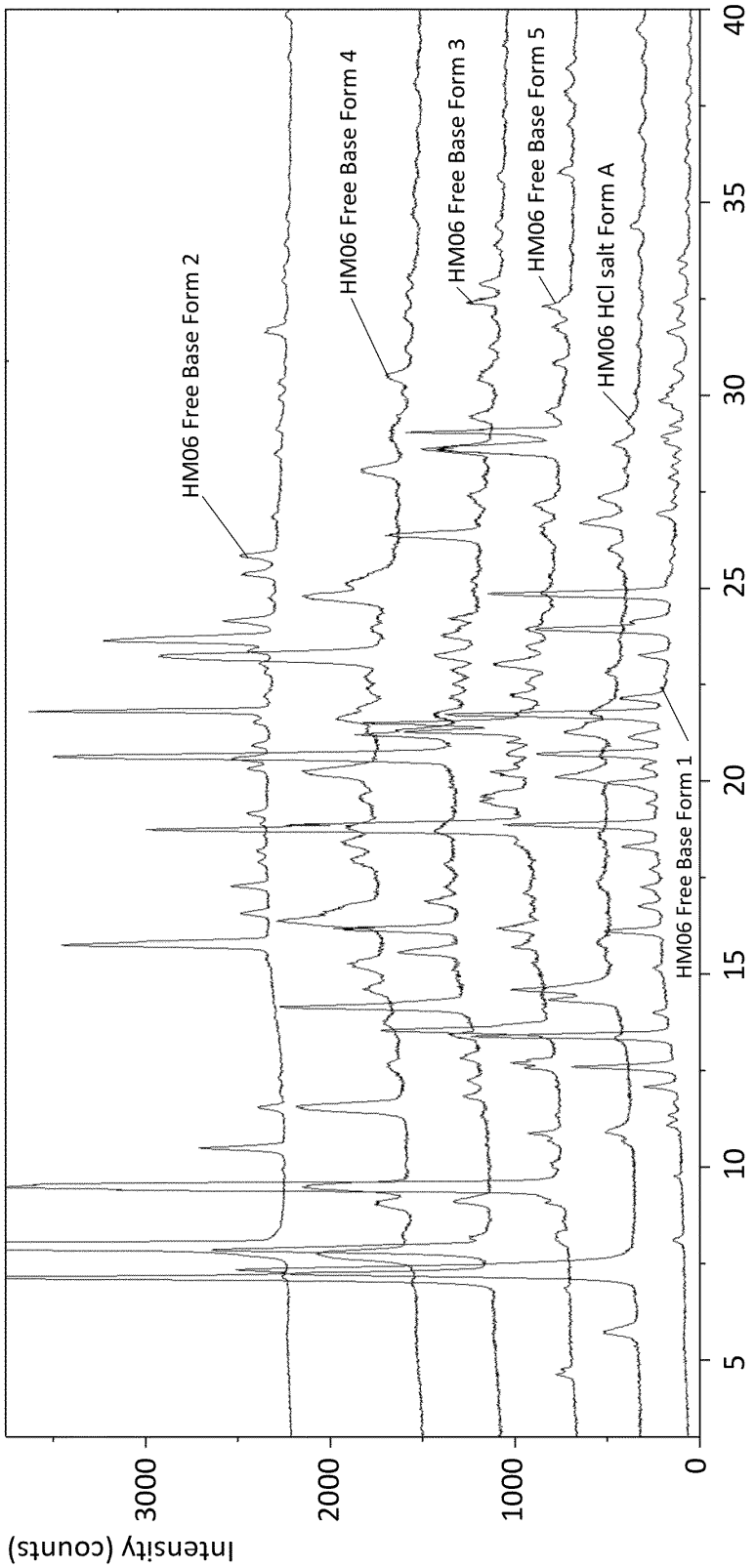
HM06 Free Base Form 2
HM06 Free Base Form 4
HM06 Free Base Form 3
HM06 Free Base Form 5
HM06 HCl salt Form A
HM06 Free Base Form 1
Intensity (counts)
0
1000
2000
3000
5
10
15
20
25
30
35
40

Fig. 1G

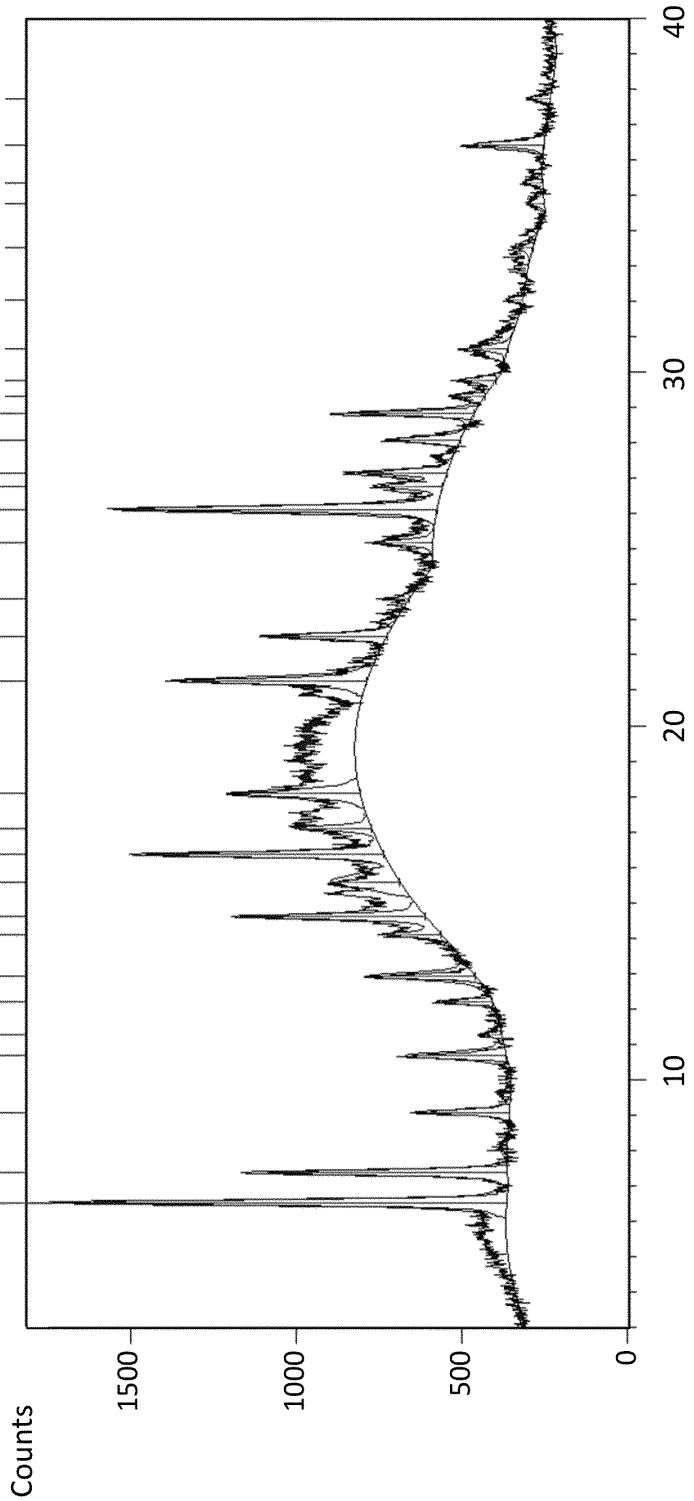

Fig. 2A

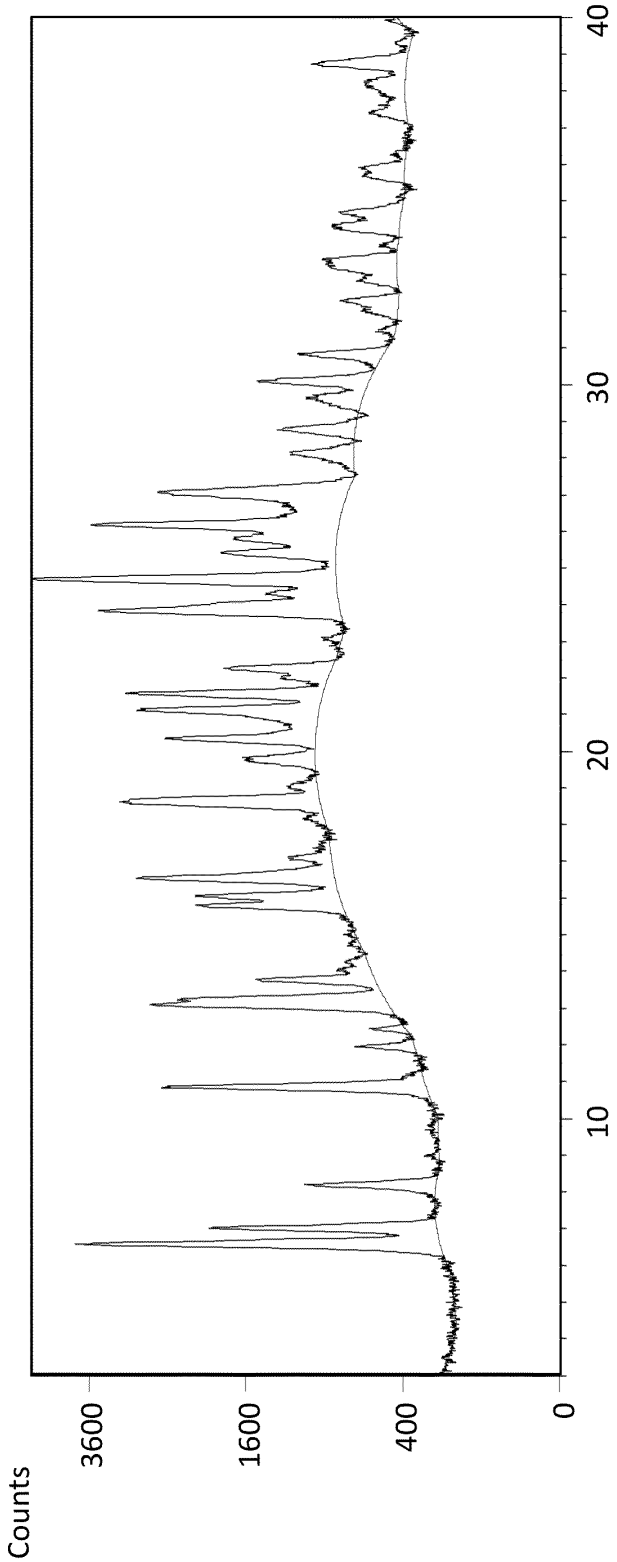

Fig. 2B

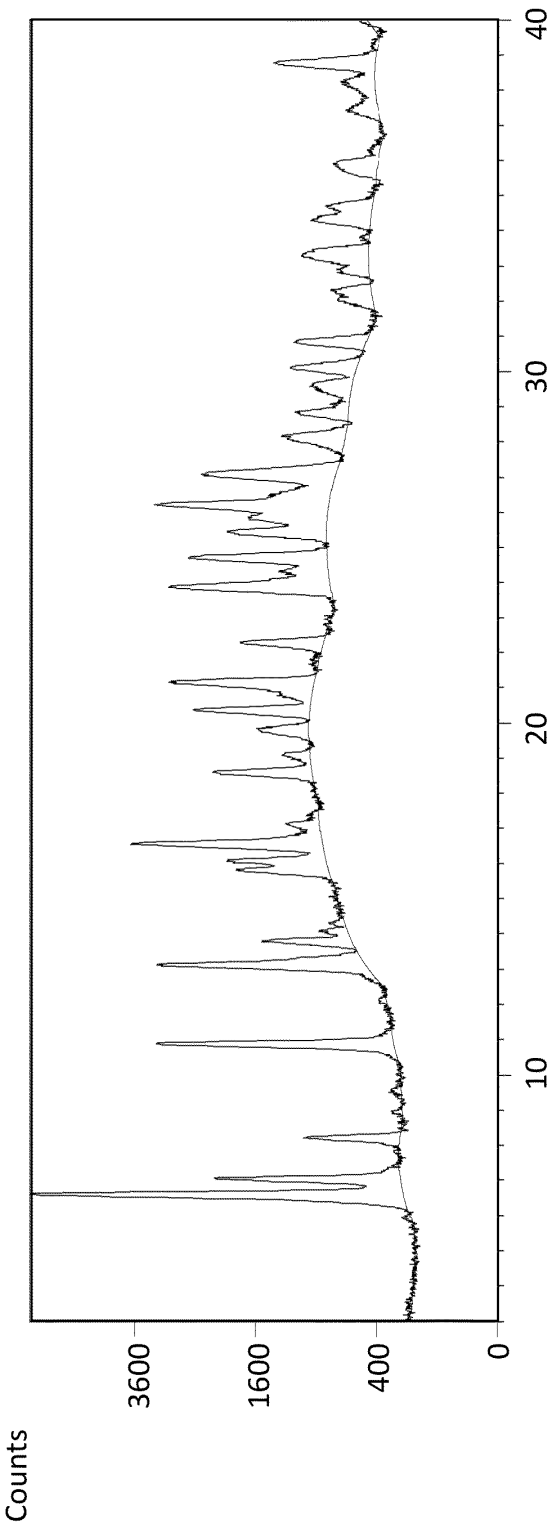

Fig. 2C

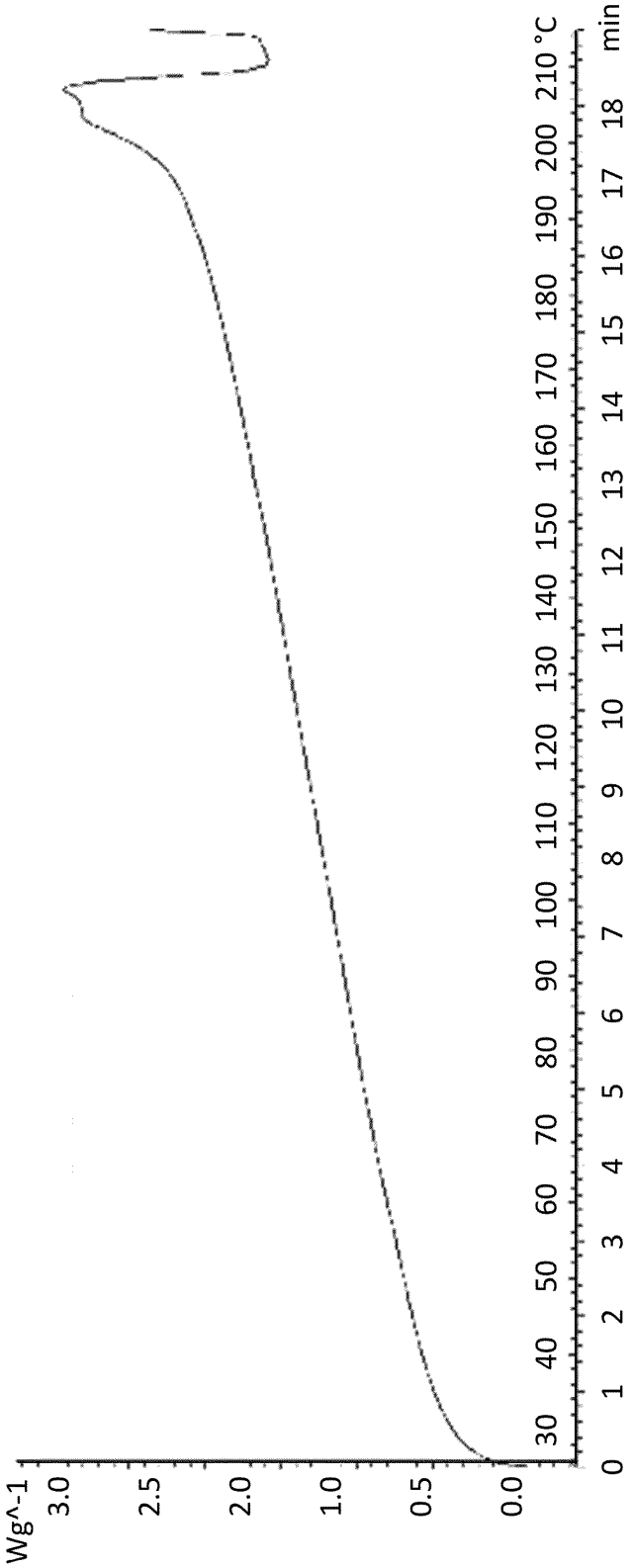
Wg^-1
3.0
2.5
2.0
1.0
0.5
0.0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 min
30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 °C

Fig. 2D

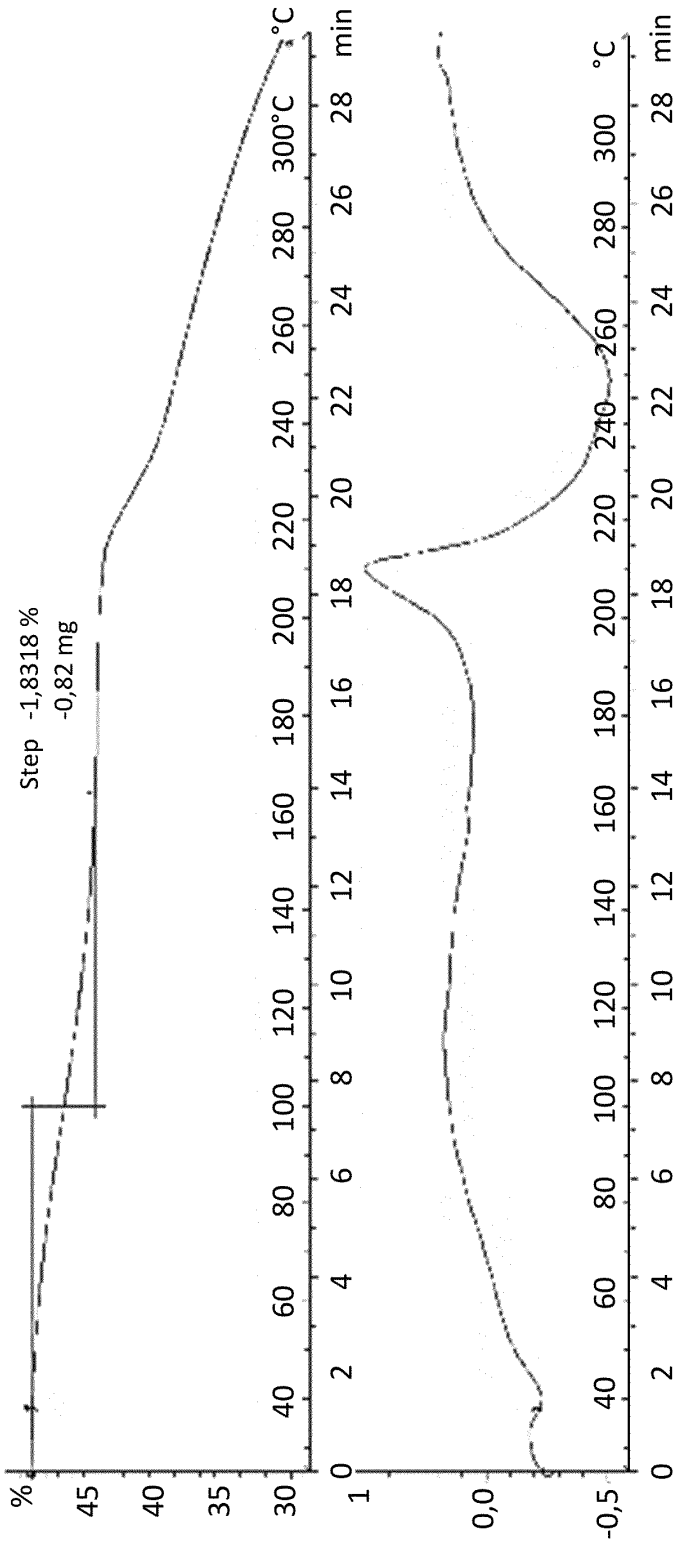
Step -1,8318 %
-0,82 mg
%
45
40
35
30
40
60
80
100
120
140
160
180
200
220
240
260
280
300°C
°C
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
min
1
0,0
-0,5
0
40
60
80
100
120
140
160
180
200
220
240
260
280
300
°C
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
min

Fig. 2E

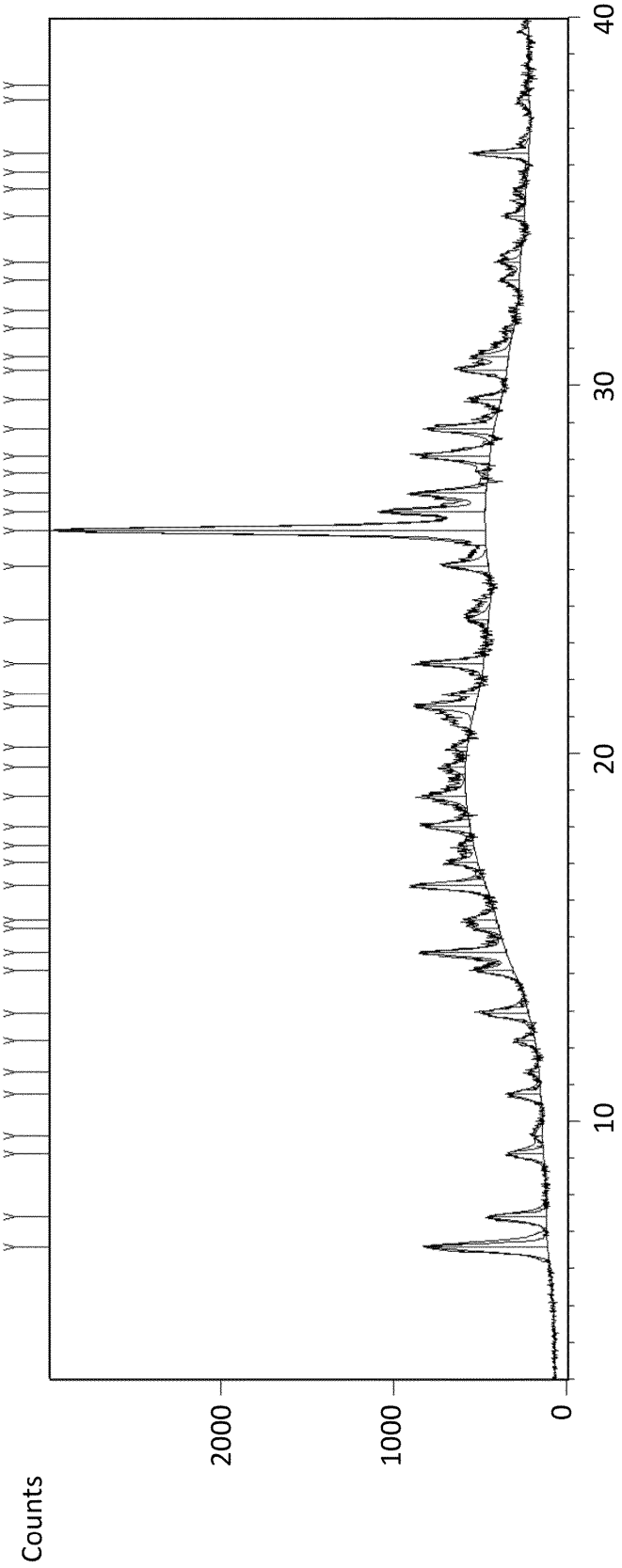

Fig. 3A

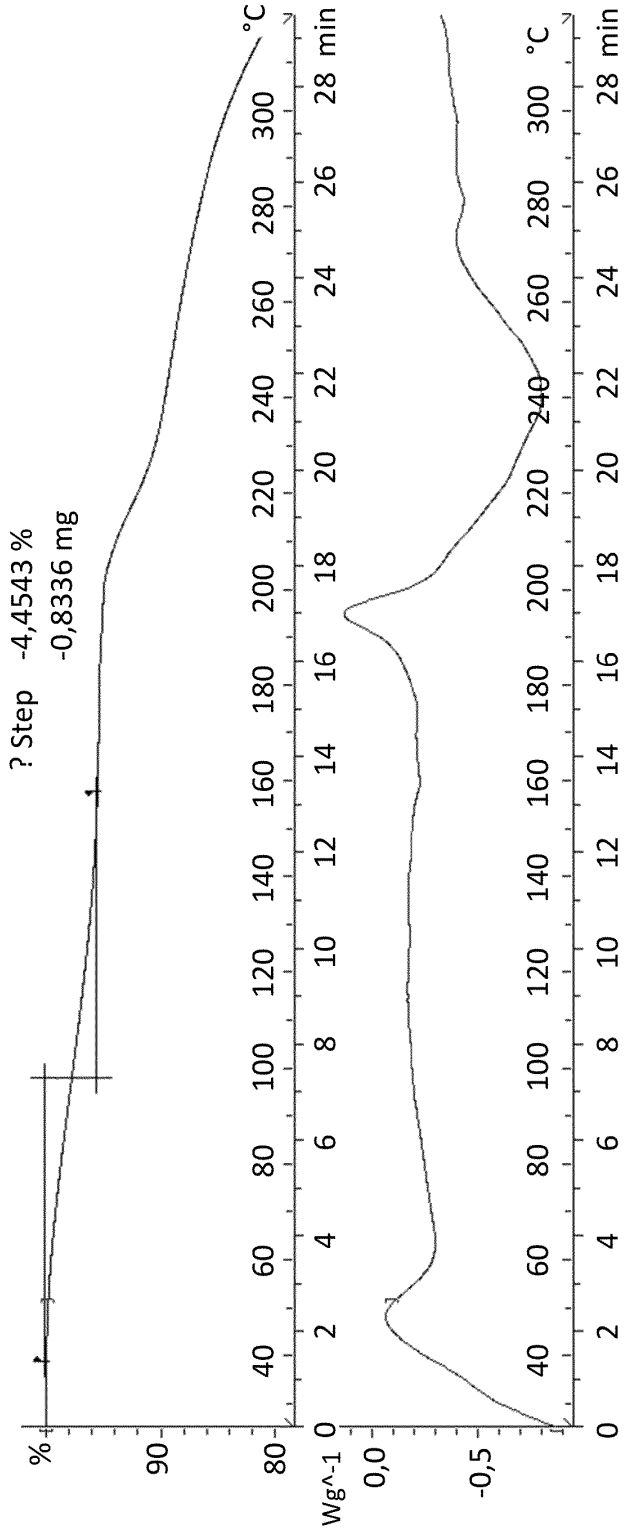
? Step -4,4543 %
-0,8336 mg
%
90
80
°C
300
280
260
240
220
200
180
160
140
120
100
80
60
40
min
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
Wg^-1
0,0
-0,5

Fig. 3B

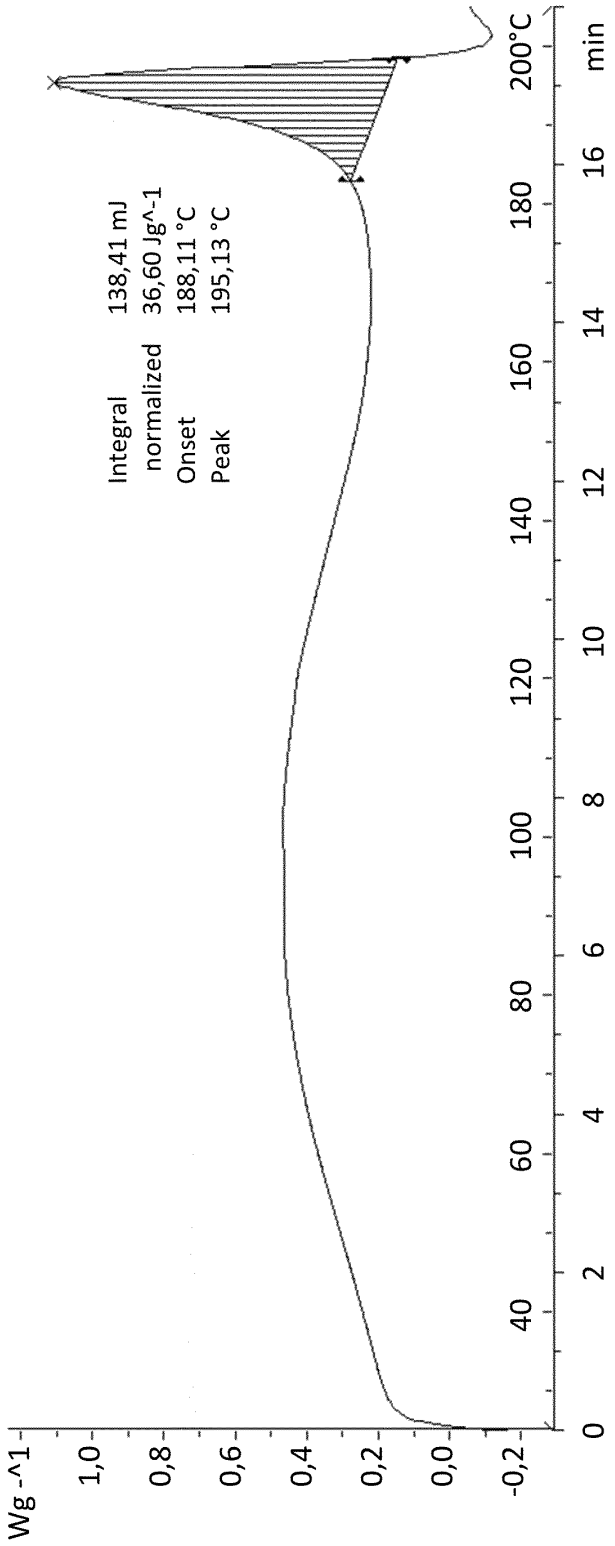
Integral 138,41 mJ
normalized 36,60 Jg^-1
Onset 188,11 °C
Peak 195,13 °C
Wg -^1
1,0
0,8
0,6
0,4
0,2
0,0
-0,2
0
2
4
6
8
10
12
14
16
min
40
60
80
100
120
140
160
180
200°C

Fig. 3C

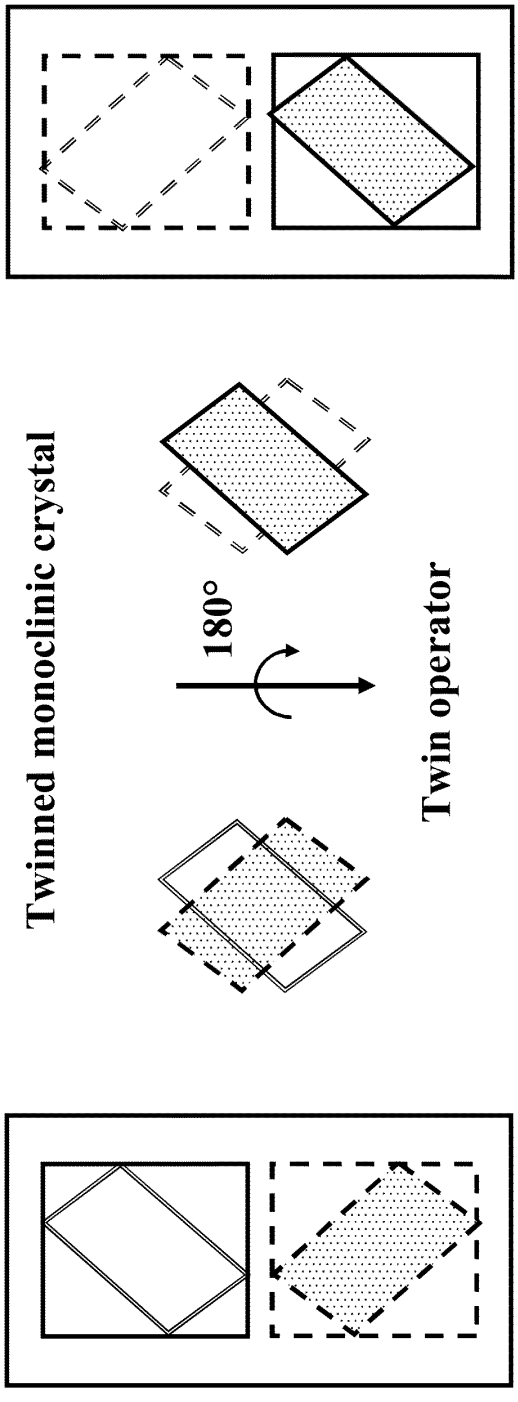

Fig. 3D

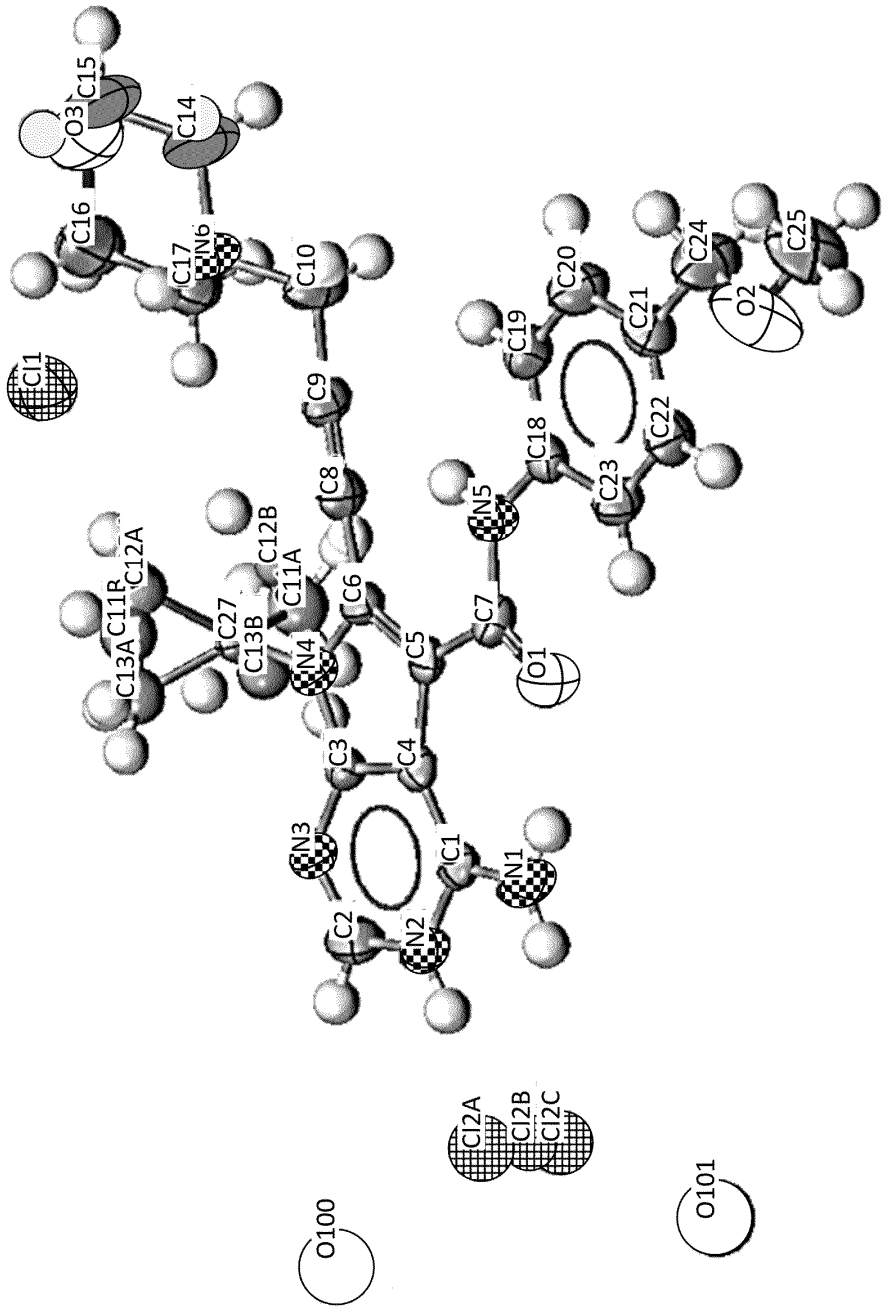
O3
C15
C14
C16
C17
N6
C10
Cl1
C9
C8
C12B
C12A
C11A
C11R
C27
C13B
C13A
N4
C6
C5
C7
O1
C3
C4
N3
C1
N1
C2
N2
N5
C18
C23
C22
C19
C20
C21
C24
C25
O2
Cl2A
Cl2B
Cl2C
O100
O101

Fig. 3E

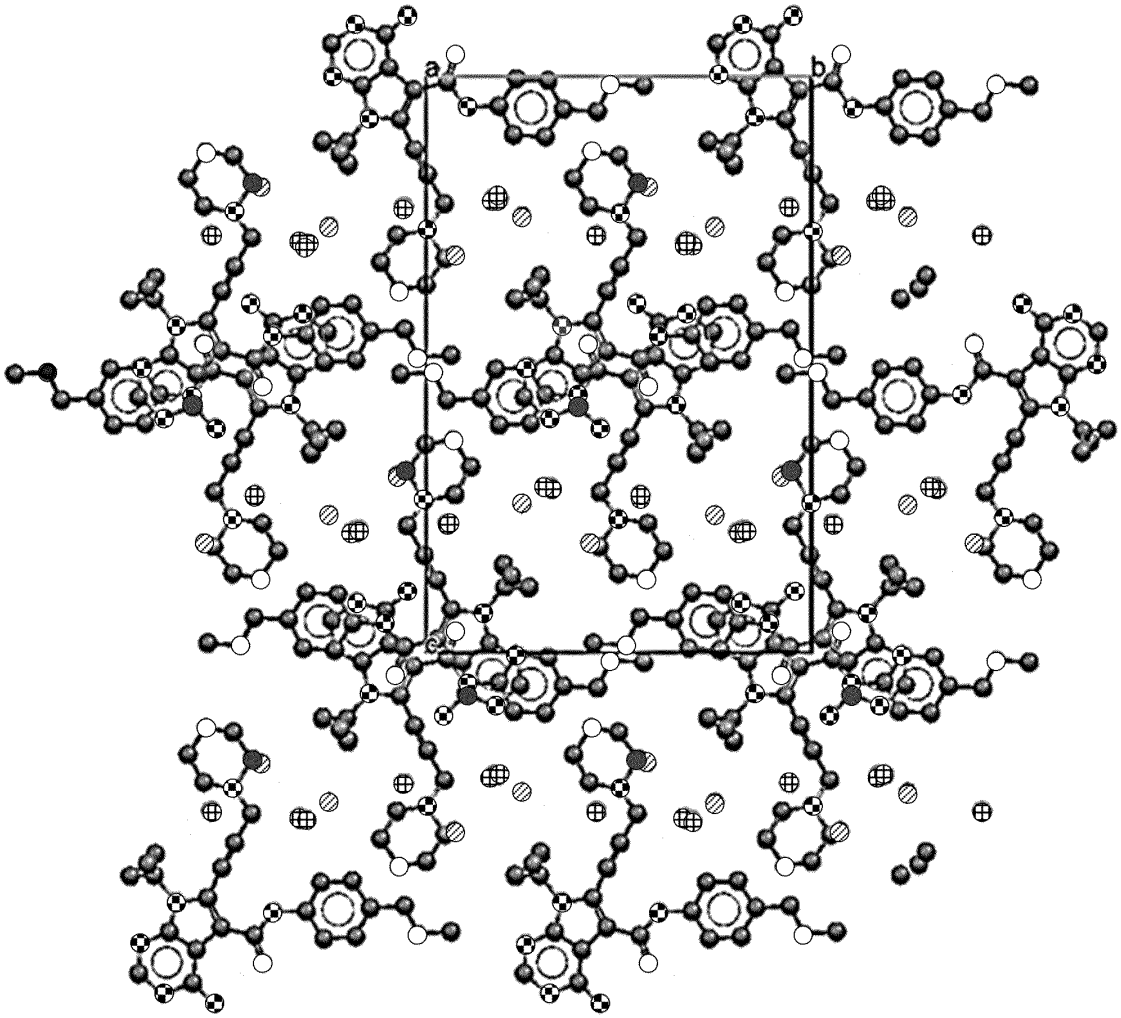

Fig. 4A

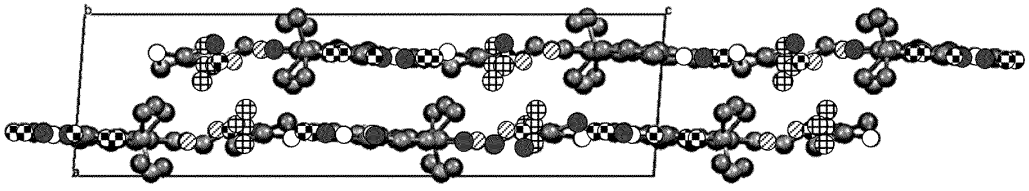

Fig. 4B

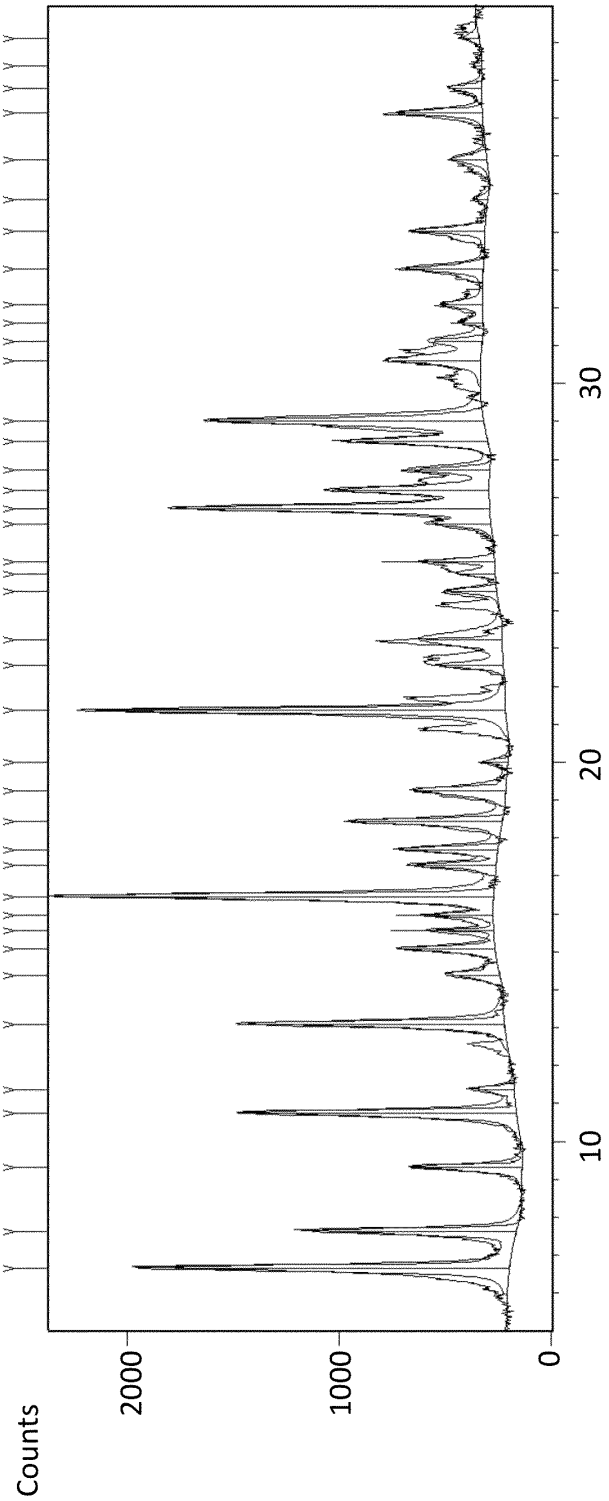

Fig. 5A

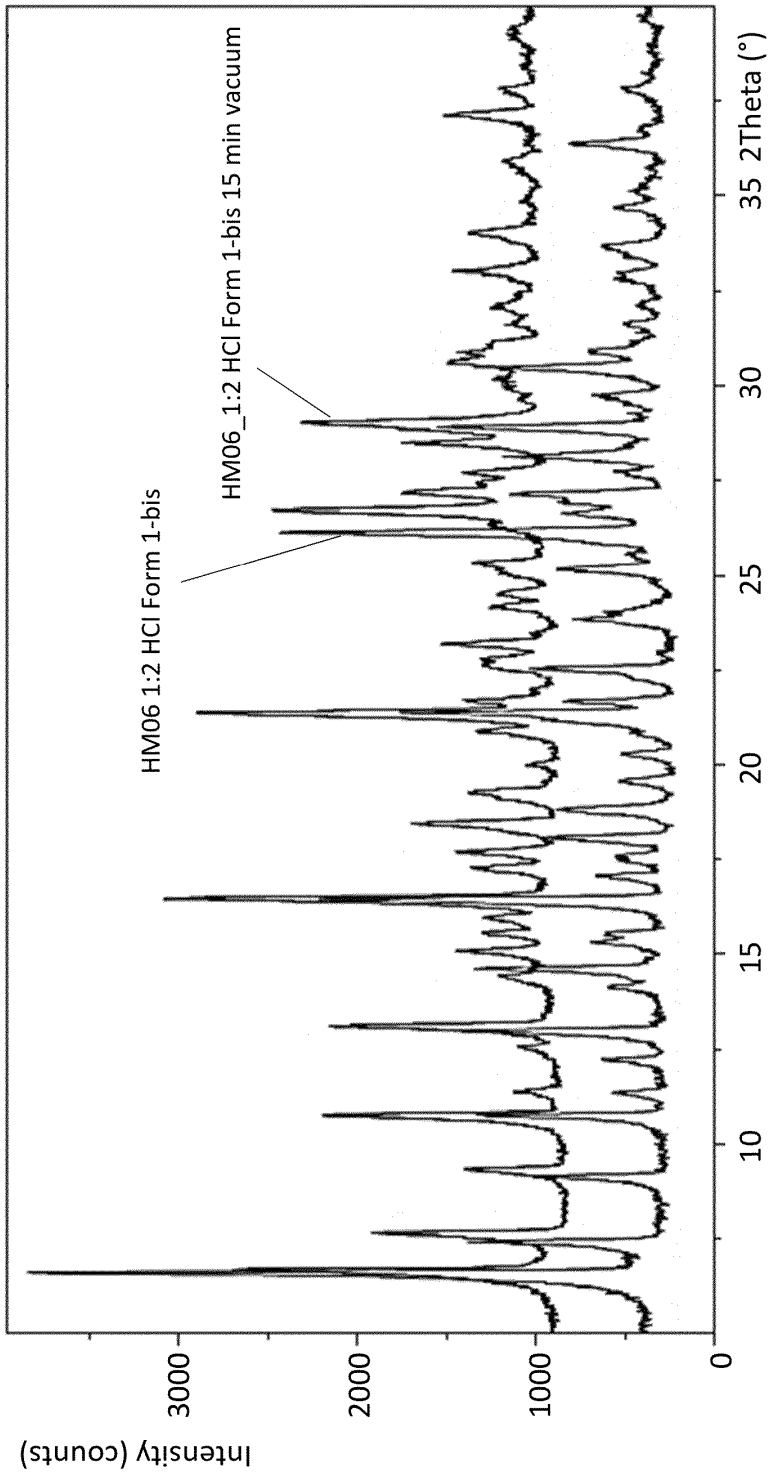
HM06 1:2 HCl Form 1-bis
HM06_1:2 HCl Form 1-bis 15 min vacuum
Intensity (counts)
0
1000
2000
3000
10
15
20
25
30
35
2Theta (°)

Fig. 5B

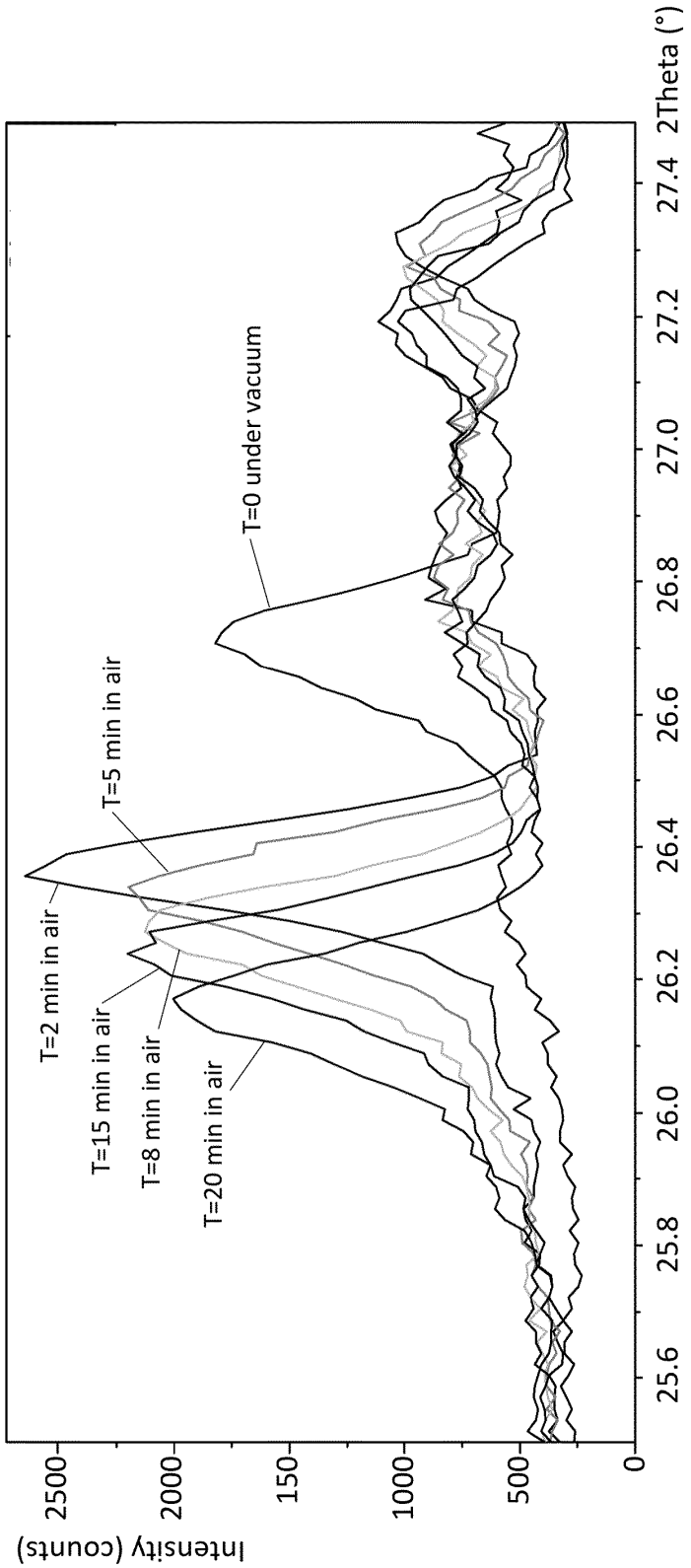
Intensity (counts)
2500
2000
150
1000
500
0
25.6
25.8
26.0
26.2
26.4
26.6
26.8
27.0
27.2
27.4
2Theta (°)
T=2 min in air
T=5 min in air
T=0 under vacuum
T=15 min in air
T=8 min in air
T=20 min in air

Fig. 5C

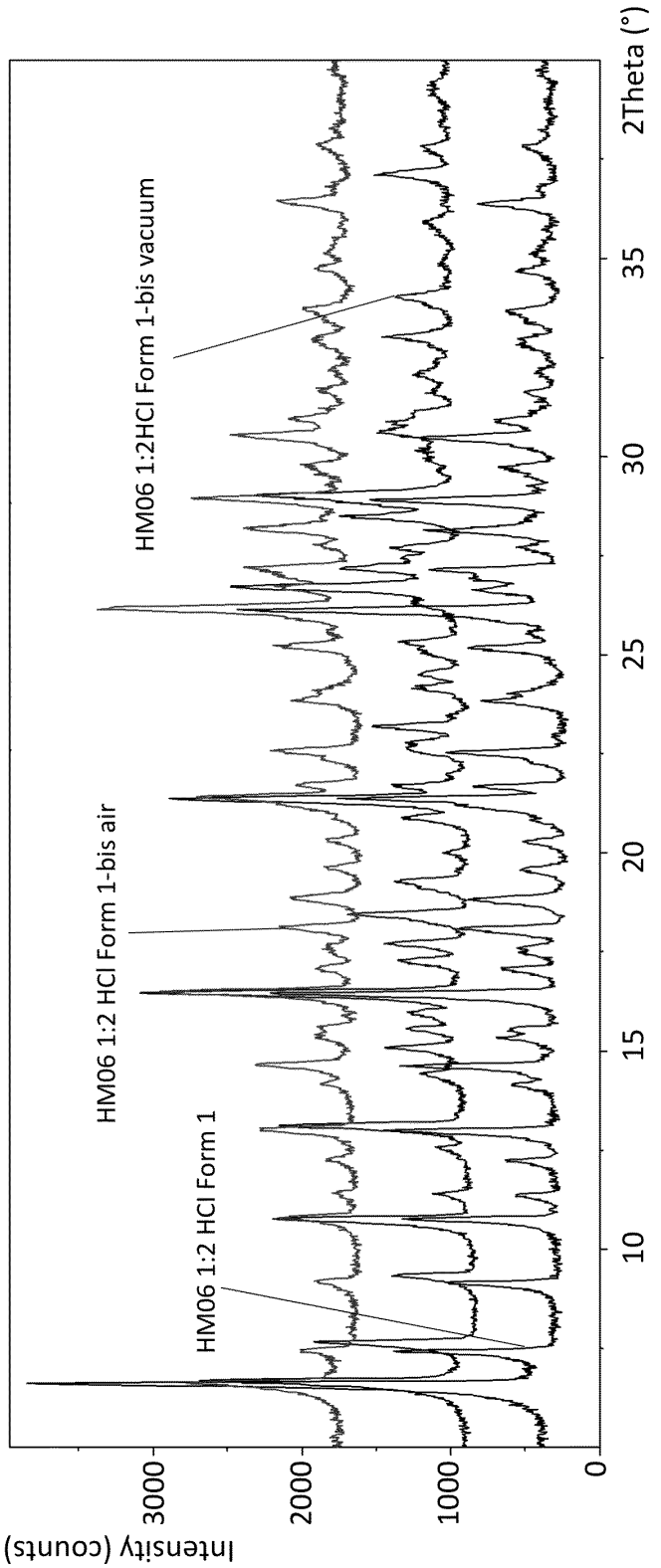
HM06 1:2 HCl Form 1
HM06 1:2 HCl Form 1-bis air
HM06 1:2HCl Form 1-bis vacuum
Intensity (counts)
0
1000
2000
3000
10
15
20
25
30
35
2Theta (°)

Fig. 5D

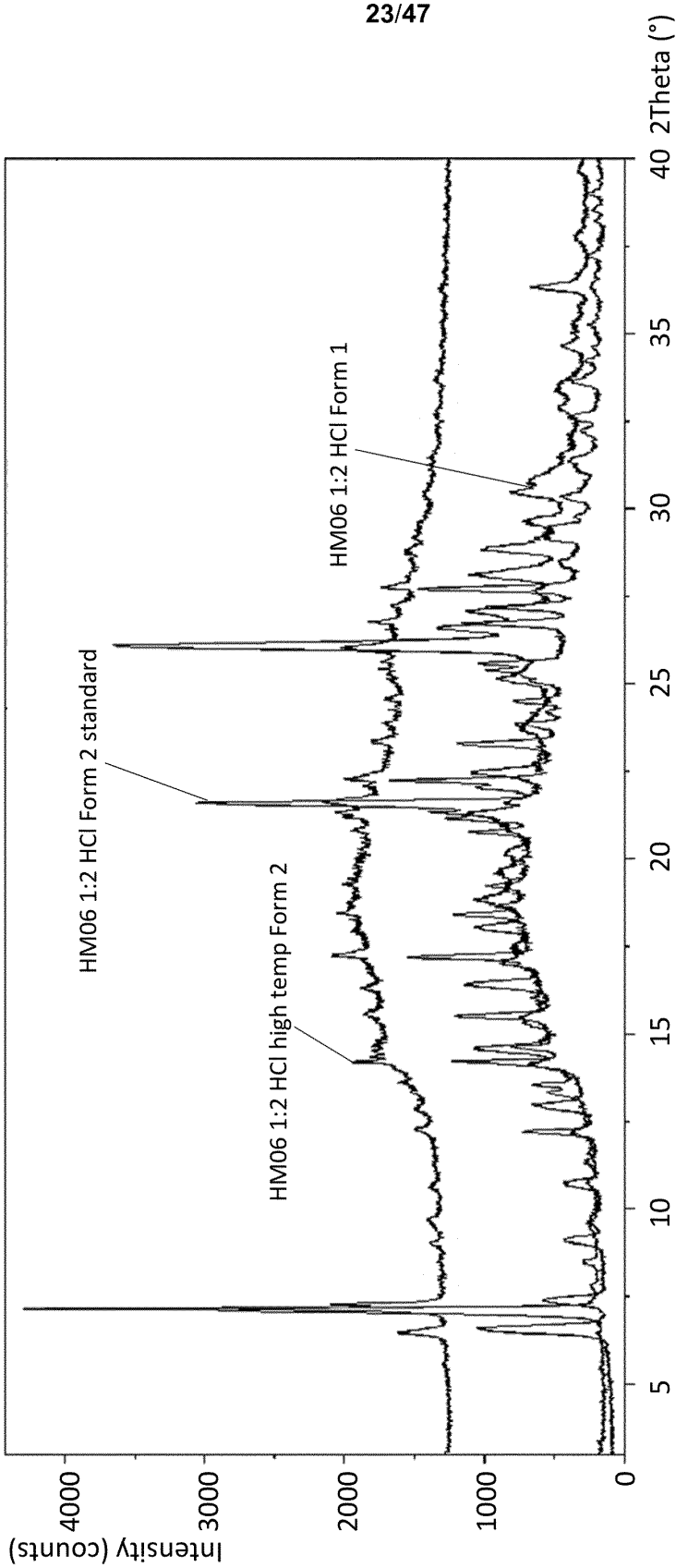
Intensity (counts)
4000
3000
2000
1000
0
5
10
15
20
25
30
35
40
2Theta (°)
HM06 1:2 HCl Form 2 standard
HM06 1:2 HCl high temp Form 2
HM06 1:2 HCl Form 1

Fig. 6A

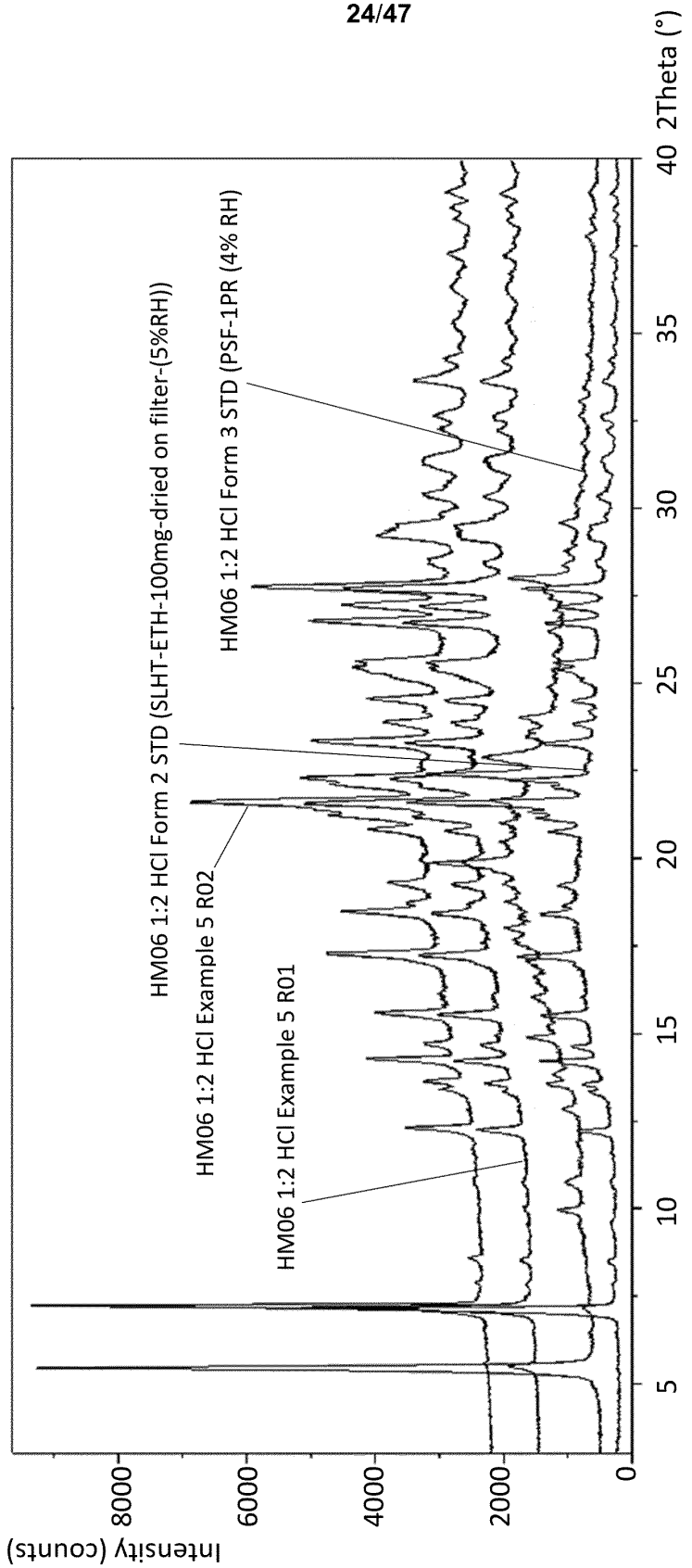
Intensity (counts)
8000
6000
4000
2000
0
5
10
15
20
25
30
35
40
2Theta (°)
HM06 1:2 HCl Form 2 STD (SLHT-ETH-100mg-dried on filter-(5%RH))
HM06 1:2 HCl Example 5 R02
HM06 1:2 HCl Example 5 R01
HM06 1:2 HCl Form 3 STD (PSF-1PR (4% RH)

Fig. 6B

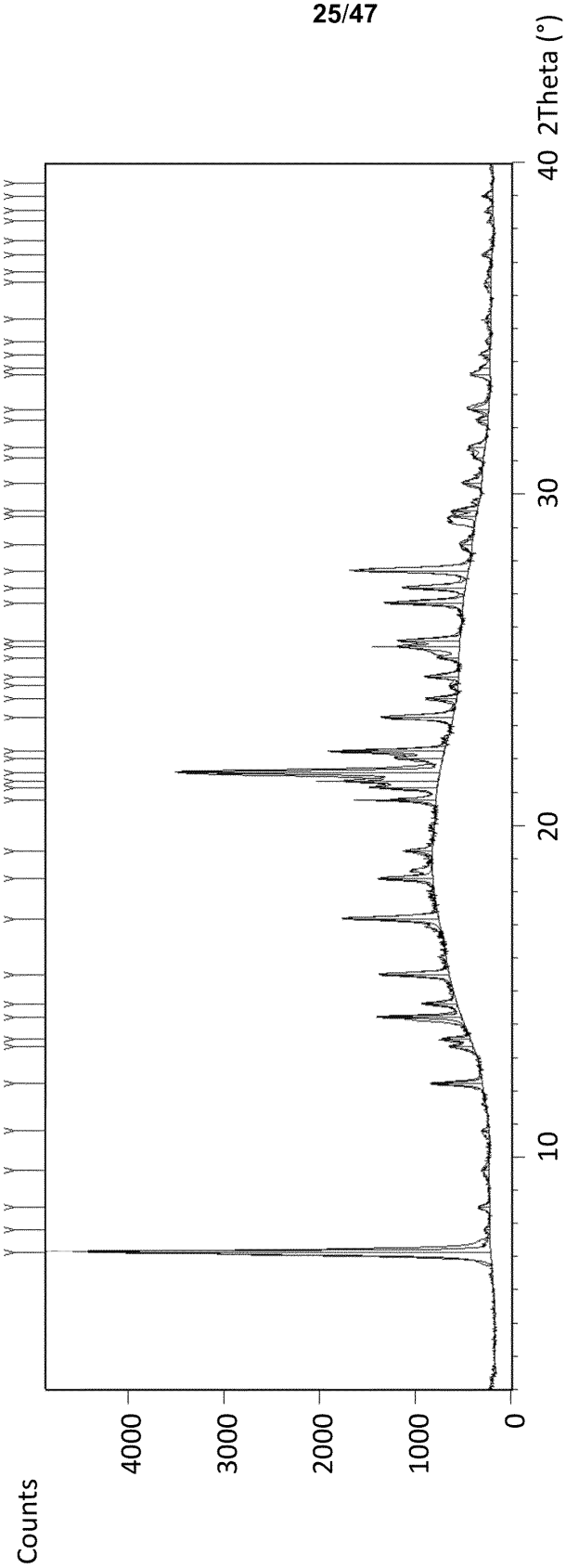

Fig. 6C

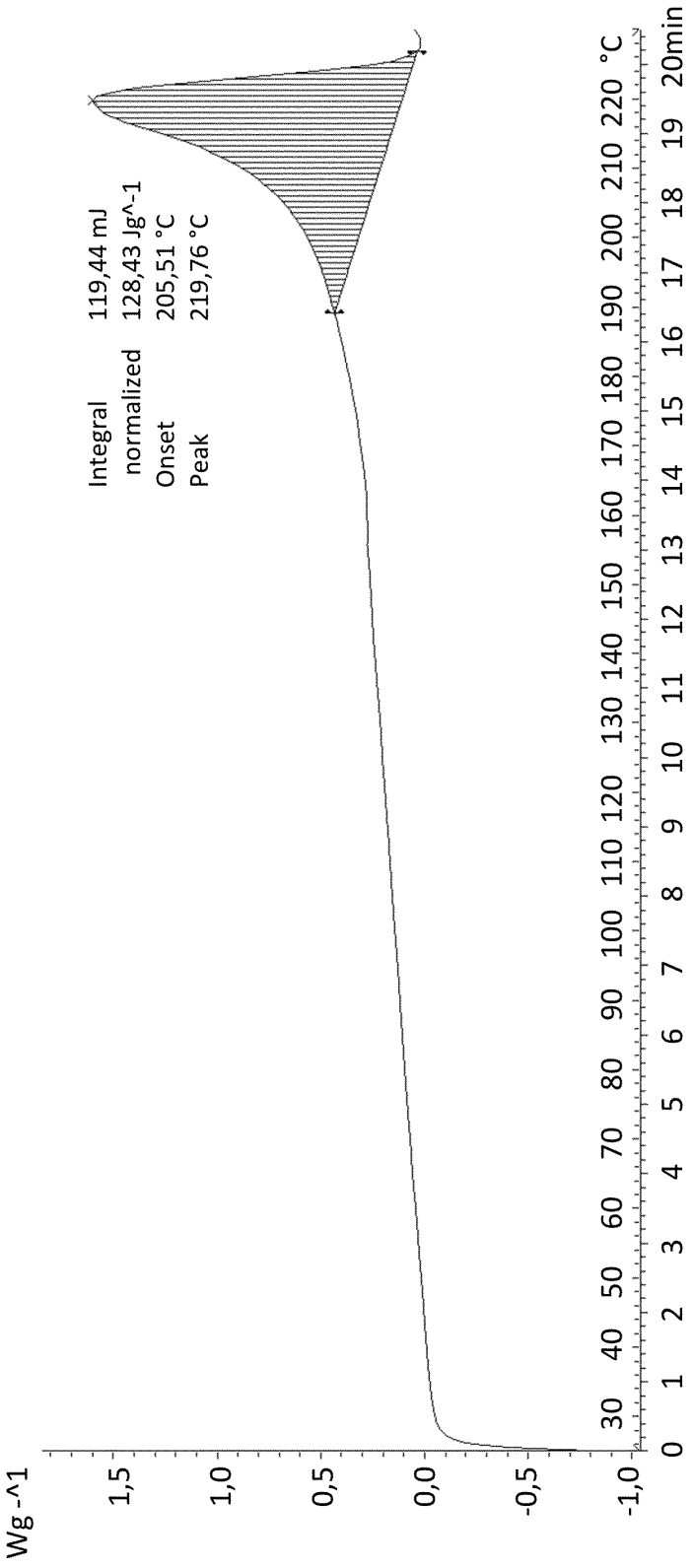
Integral 119,44 mJ
normalized 128,43 Jg^-1
Onset 205,51 °C
Peak 219,76 °C
Wg -^1
1,5
1,0
0,5
0,0
-0,5
-1,0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20min
30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 °C

Fig. 6D

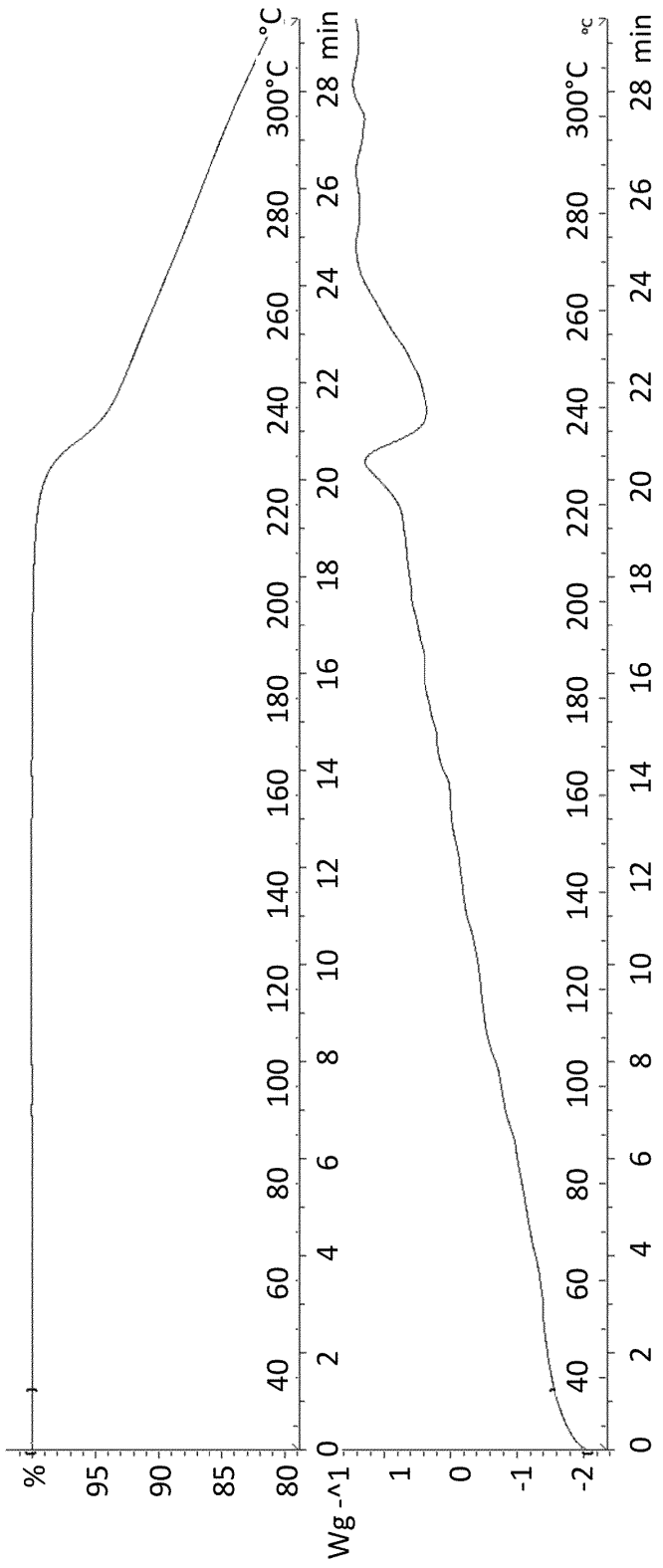
%
95
90
85
80
Wg -^1
1
0
-1
-2
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28 min
40
60
80
100
120
140
160
180
200
220
240
260
280
300°C
°C

Fig. 6E

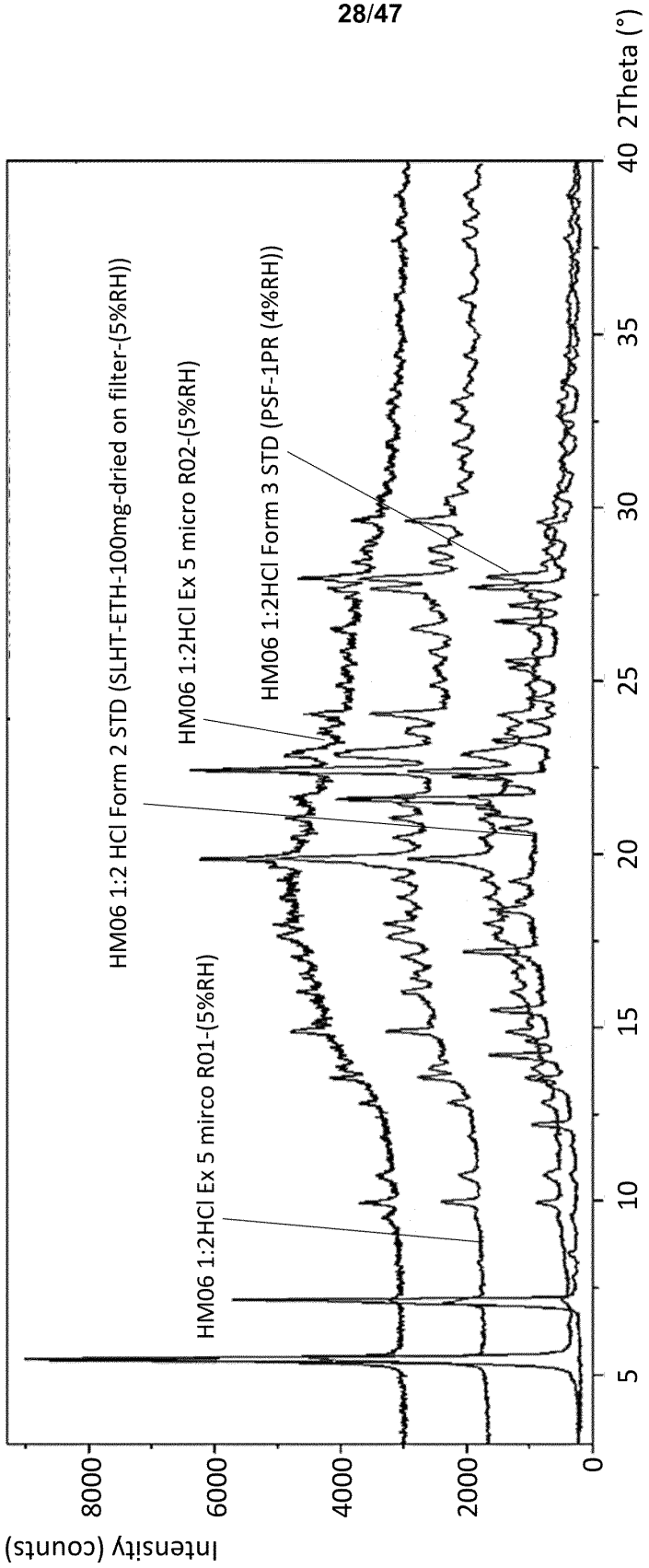
HM06 1:2 HCl Form 2 STD (SLHT-ETH-100mg-dried on filter-(5%RH))
HM06 1:2HCl Ex 5 micro R02-(5%RH)
HM06 1:2HCl Form 3 STD (PSF-1PR (4%RH))
HM06 1:2HCl Ex 5 mirco R01-(5%RH)
Intensity (counts)
0
2000
4000
6000
8000
5
10
15
20
25
30
35
40
2Theta (°)

Fig. 6F

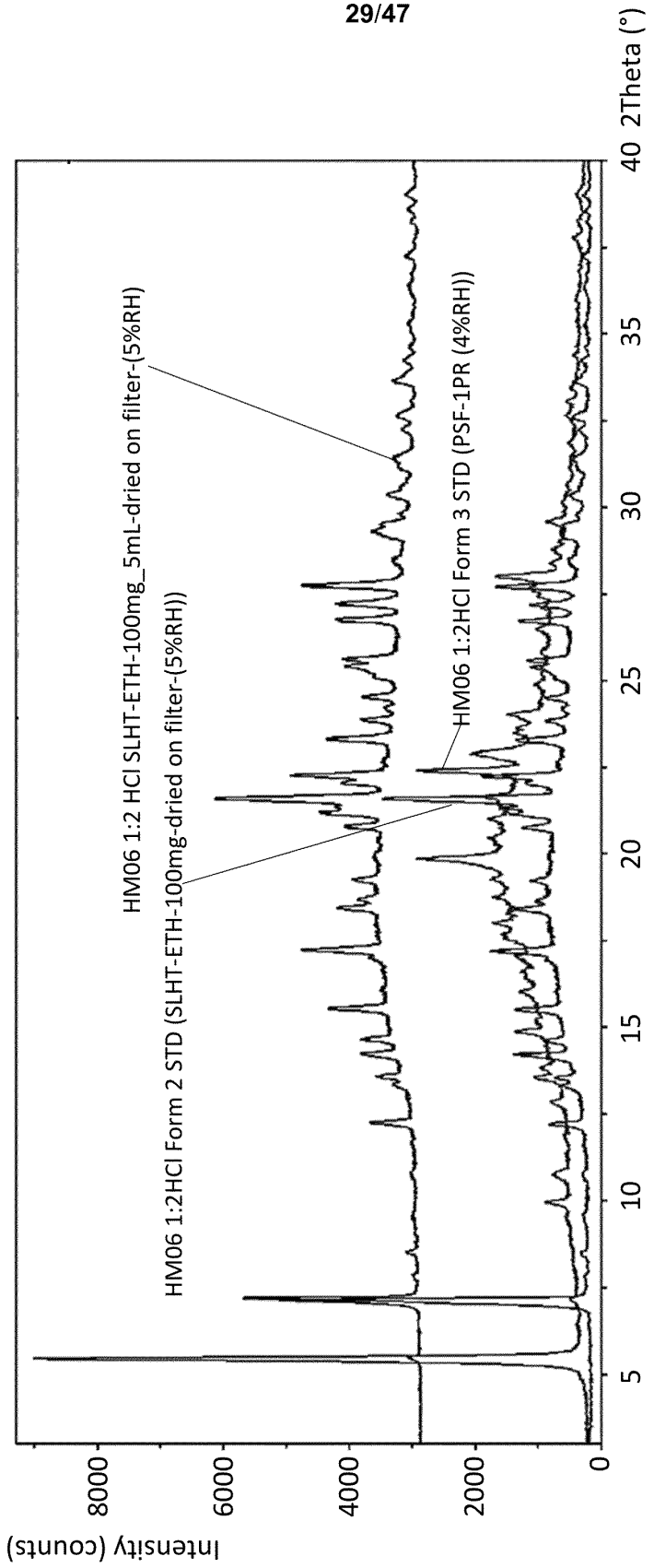
Intensity (counts)
8000
6000
4000
2000
0
5
10
15
20
25
30
35
40
2Theta (°)
HM06 1:2 HCl SLHT-ETH-100mg_5mL-dried on filter-(5%RH)
HM06 1:2HCl Form 2 STD (SLHT-ETH-100mg-dried on filter-(5%RH))
HM06 1:2HCl Form 3 STD (PSF-1PR (4%RH))

Fig. 6G

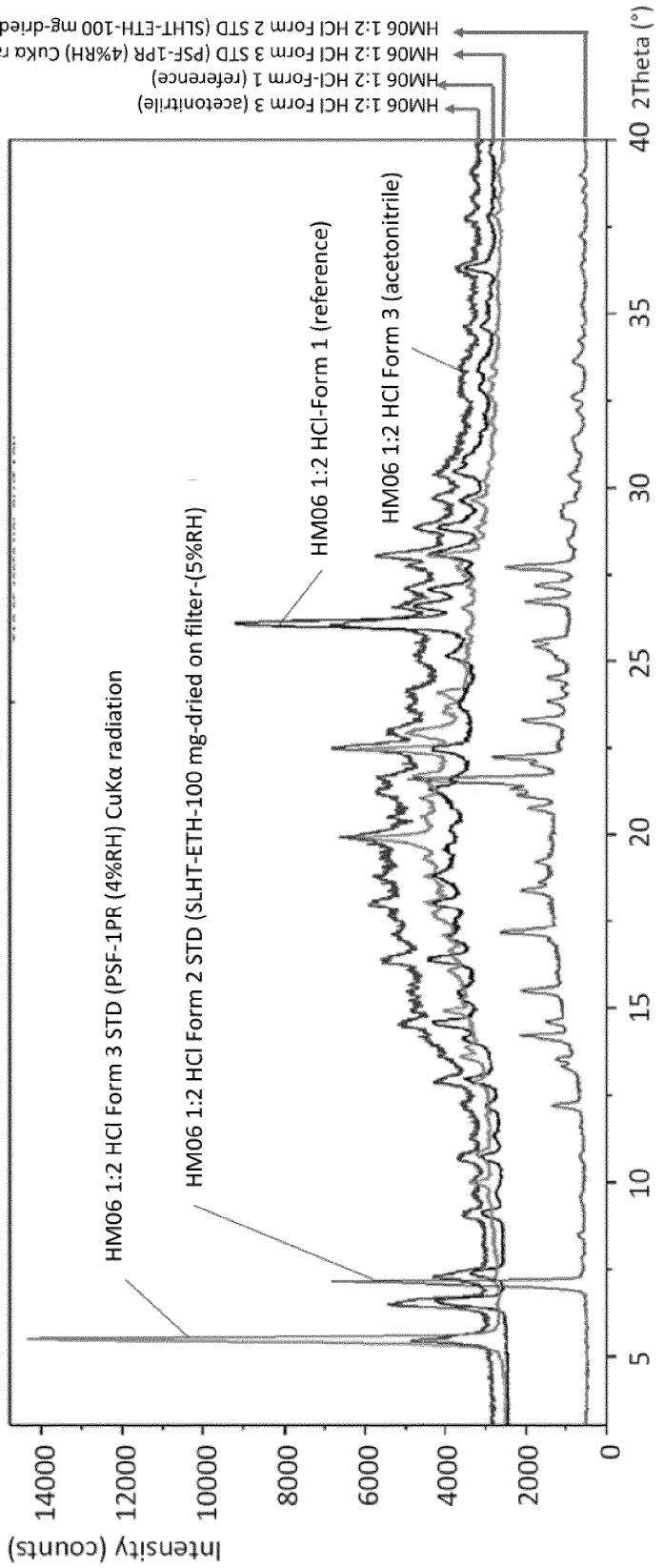
HM06 1:2 HCl Form 3 (acetonitrile)
HM06 1:2 HCl-Form 1 (reference)
HM06 1:2 HCl Form 3 STD (PSF-1PR (4%RH) CuKα radiation
HM06 1:2 HCl Form 2 STD (SLHT-ETH-100 mg-dried filt.(5%RH)
HM06 1:2 HCl Form 3 STD (PSF-1PR (4%RH) CuKα radiation
HM06 1:2 HCl Form 2 STD (SLHT-ETH-100 mg-dried on filter-(5%RH)
HM06 1:2 HCl-Form 1 (reference)
HM06 1:2 HCl Form 3 (acetonitrile)
Intensity (counts)
2Theta (°)
0
2000
4000
6000
8000
10000
12000
14000
5
10
15
20
25
30
35
40

Fig. 7A

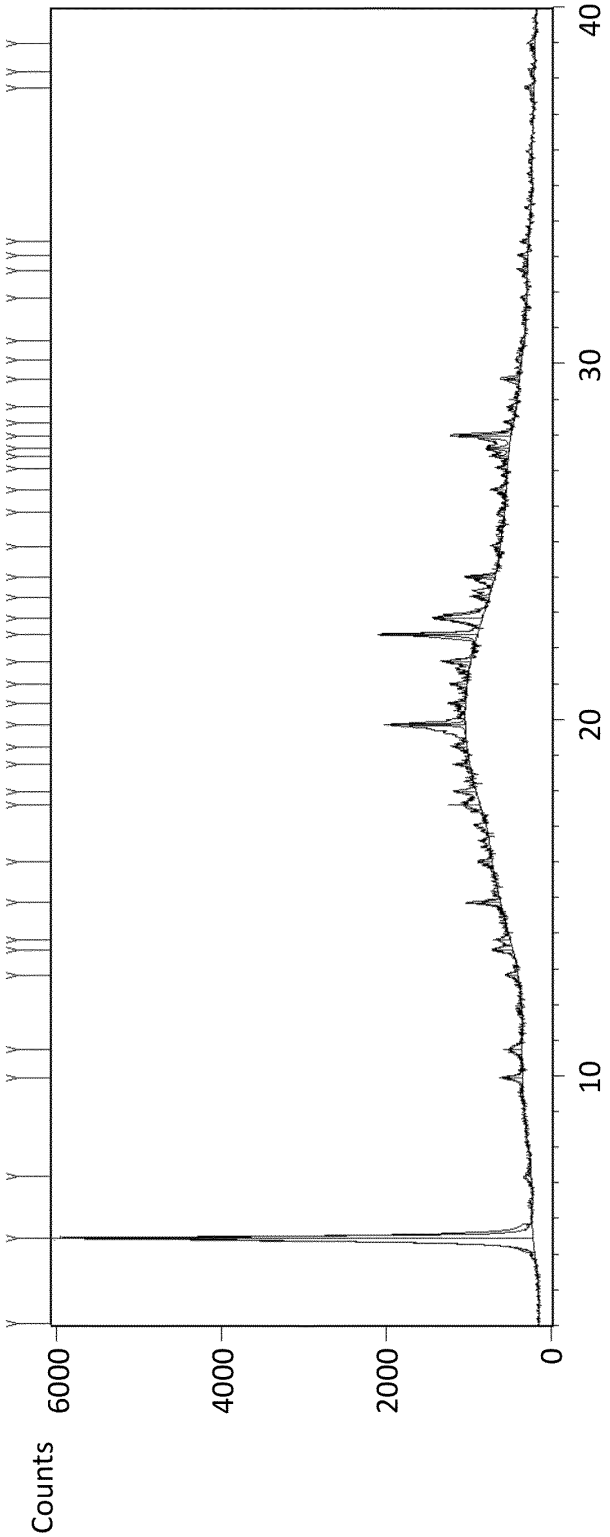

Fig. 7B

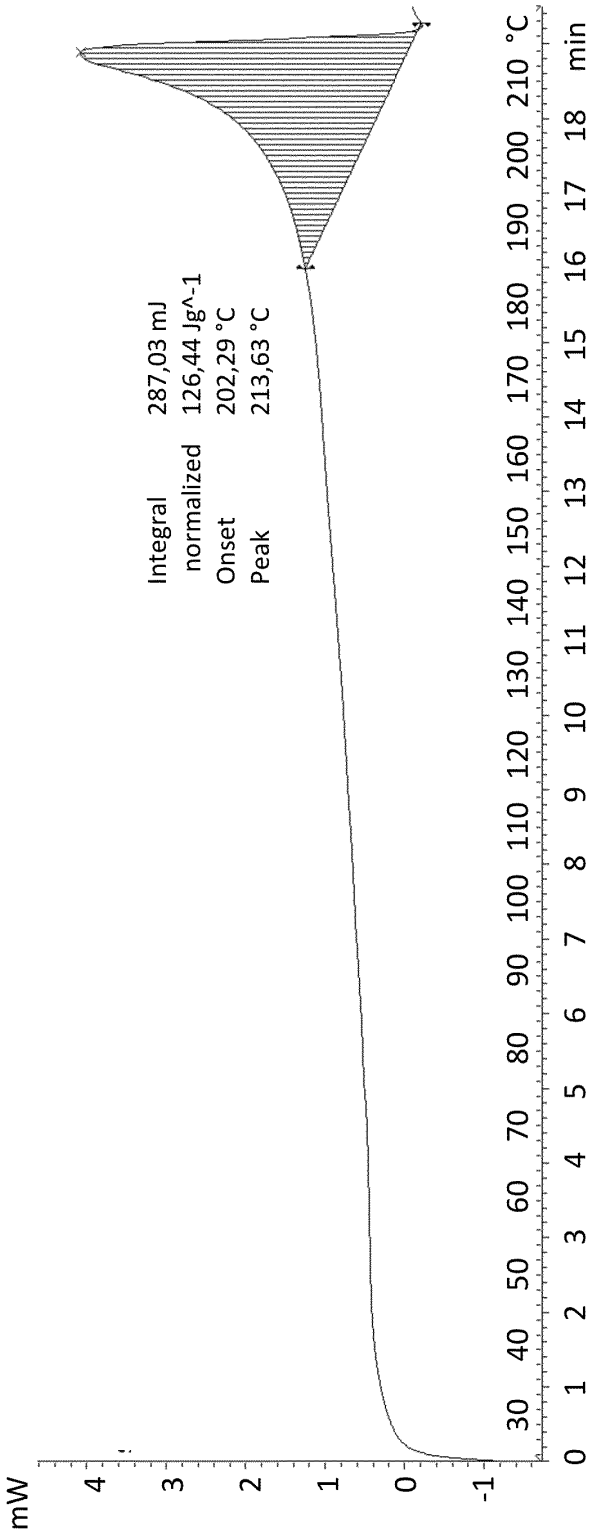
Integral 287,03 mJ
normalized 126,44 Jg^-1
Onset 202,29 °C
Peak 213,63 °C
mW
4
3
2
1
0
-1
30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 °C
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 min

Fig. 7C

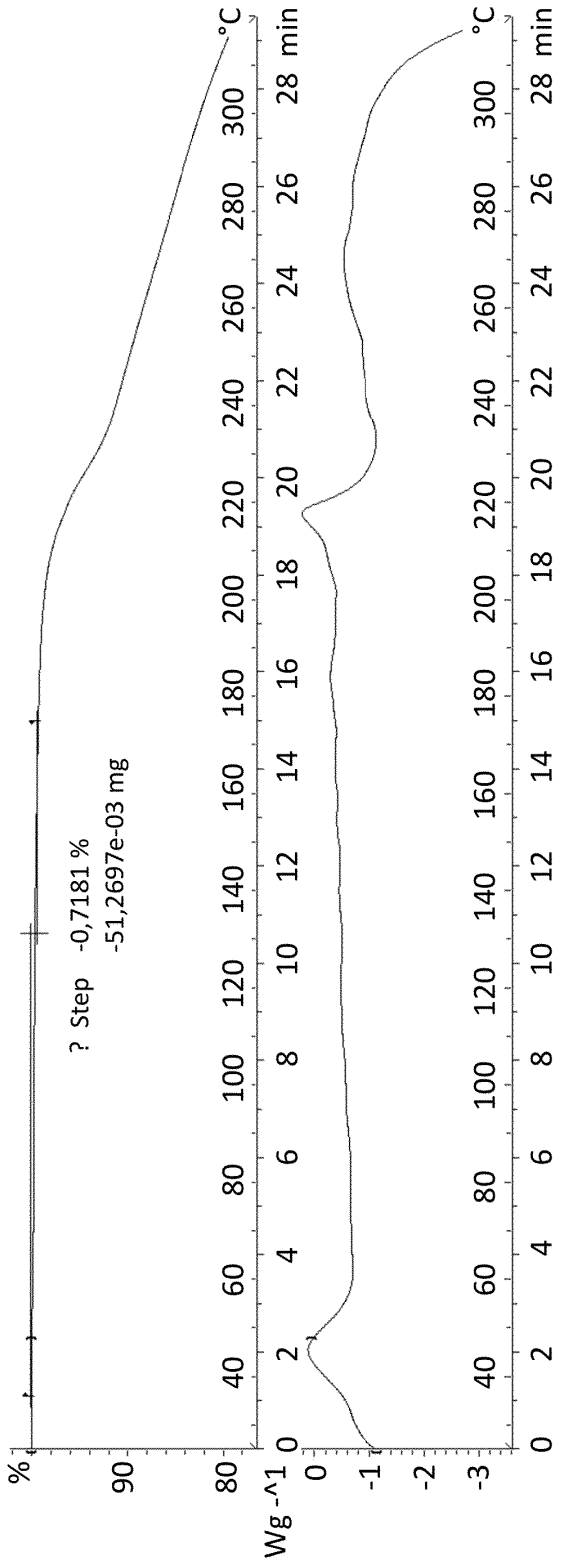
%
90
80
? Step -0,7181 %
-51,2697e-03 mg
°C
300
280
260
240
220
200
180
160
140
120
100
80
60
40
28 min
26
24
22
20
18
16
14
12
10
8
6
4
2
0
Wg -^1
0
-1
-2
-3

Fig. 7D

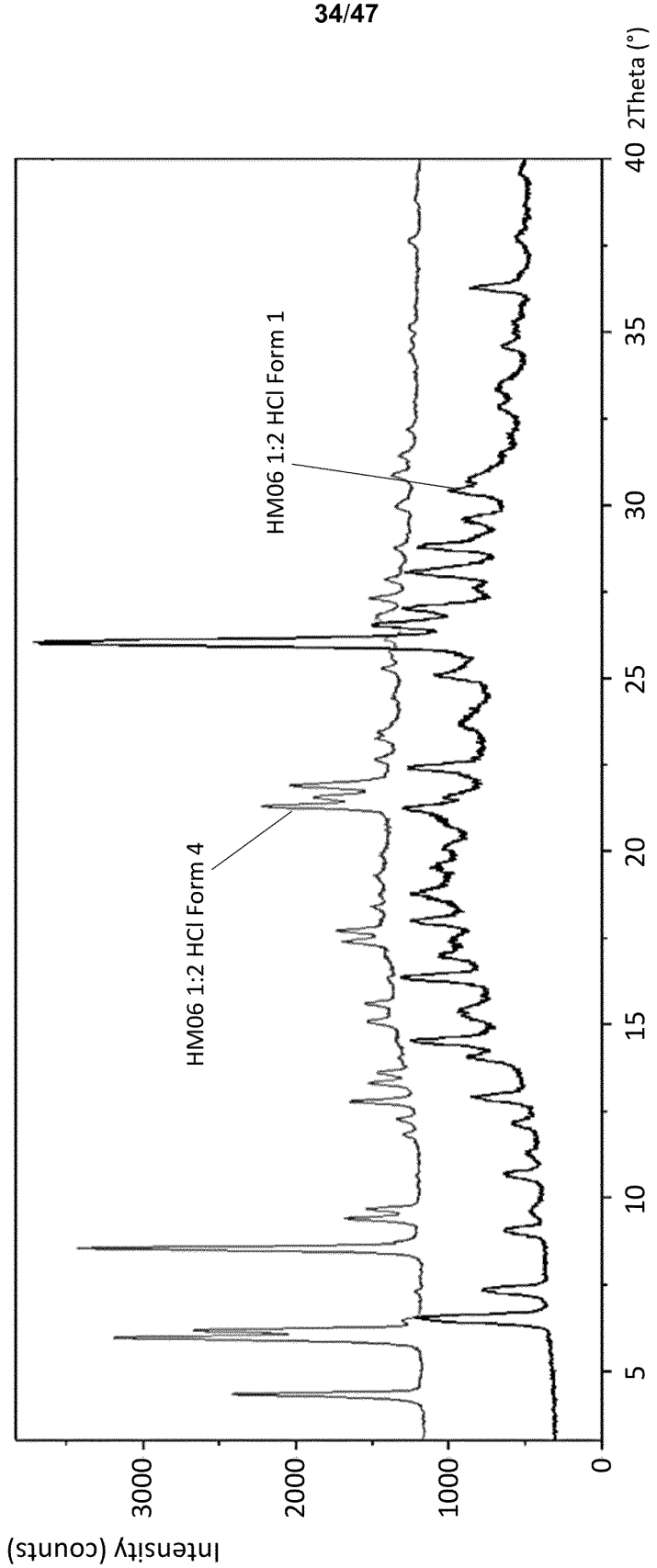
Intensity (counts)
3000
2000
1000
0
5
10
15
20
25
30
35
40
2Theta (°)
HM06 1:2 HCl Form 4
HM06 1:2 HCl Form 1

Fig. 8A

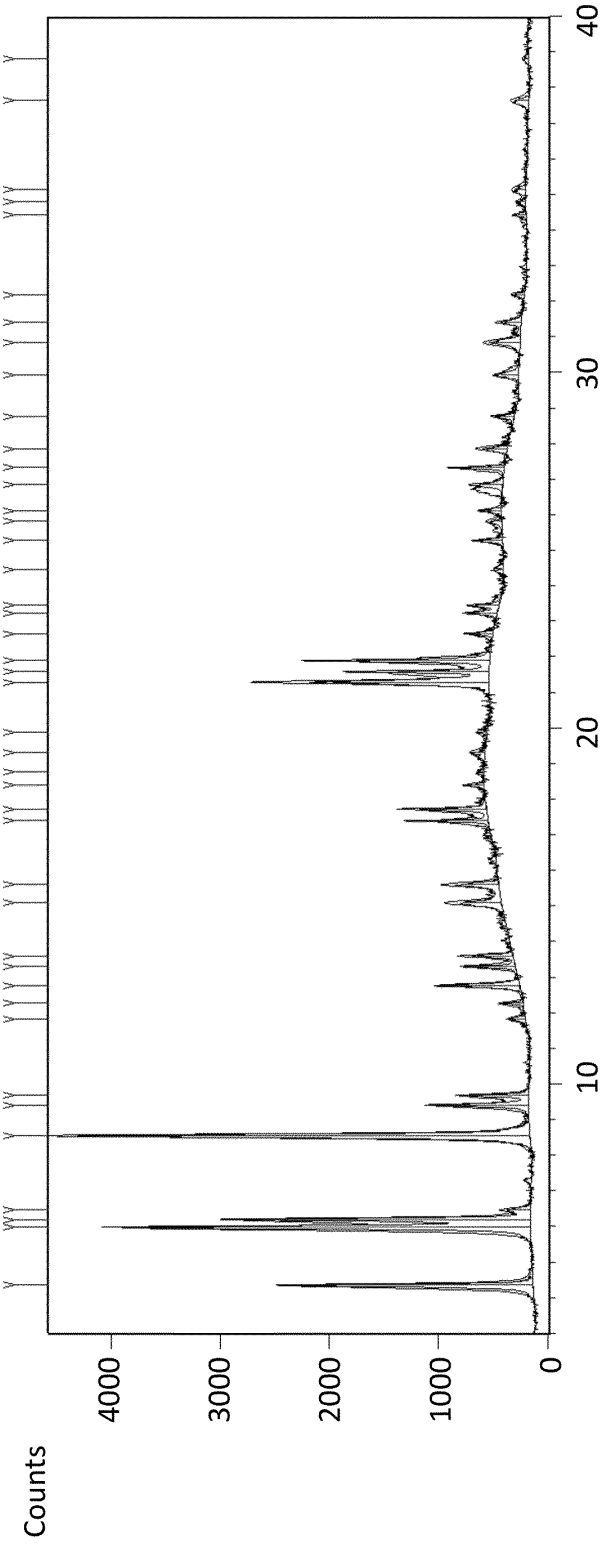
Counts
4000
3000
2000
1000
0
10
20
30
40
Position [°2Theta] (Copper (Cu))

Fig. 8B

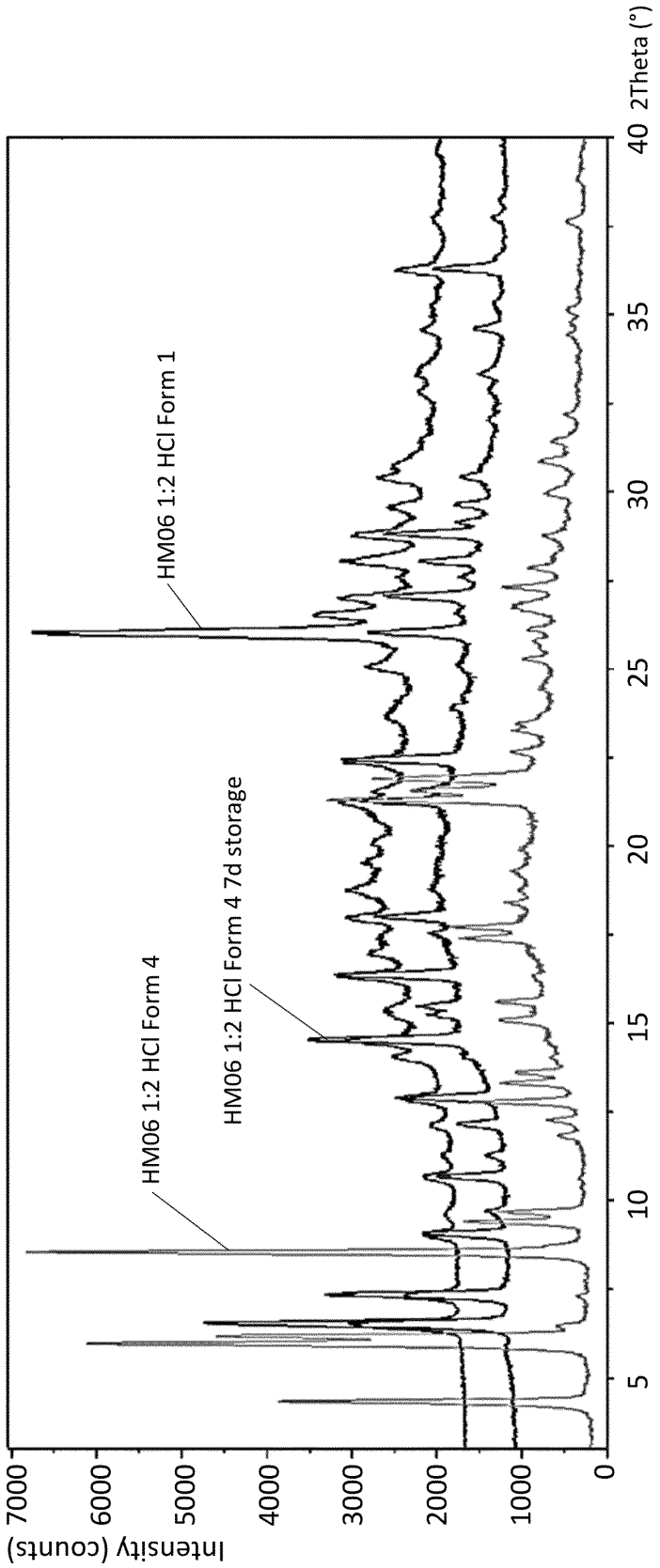
Intensity (counts)
7000
6000
5000
4000
3000
2000
1000
0
5
10
15
20
25
30
35
40
2Theta (°)
HM06 1:2 HCl Form 1
HM06 1:2 HCl Form 4 7d storage
HM06 1:2 HCl Form 4

Fig. 8C

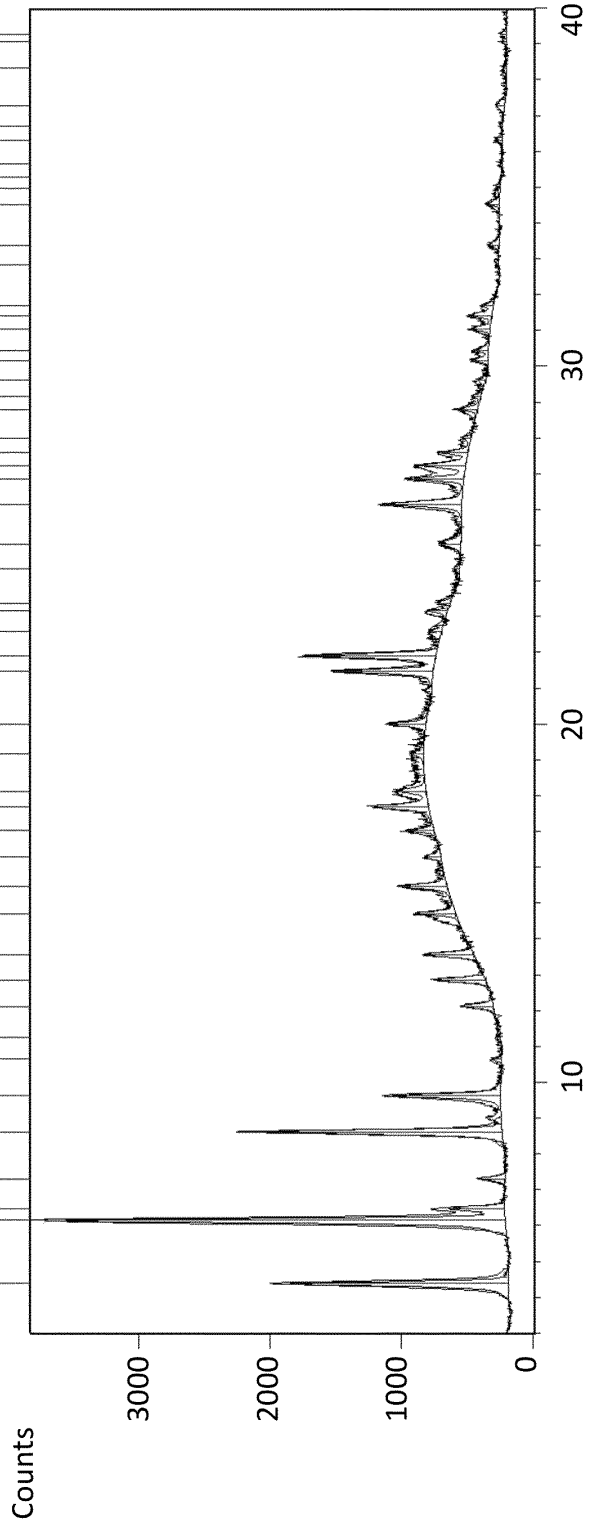

Fig. 8D

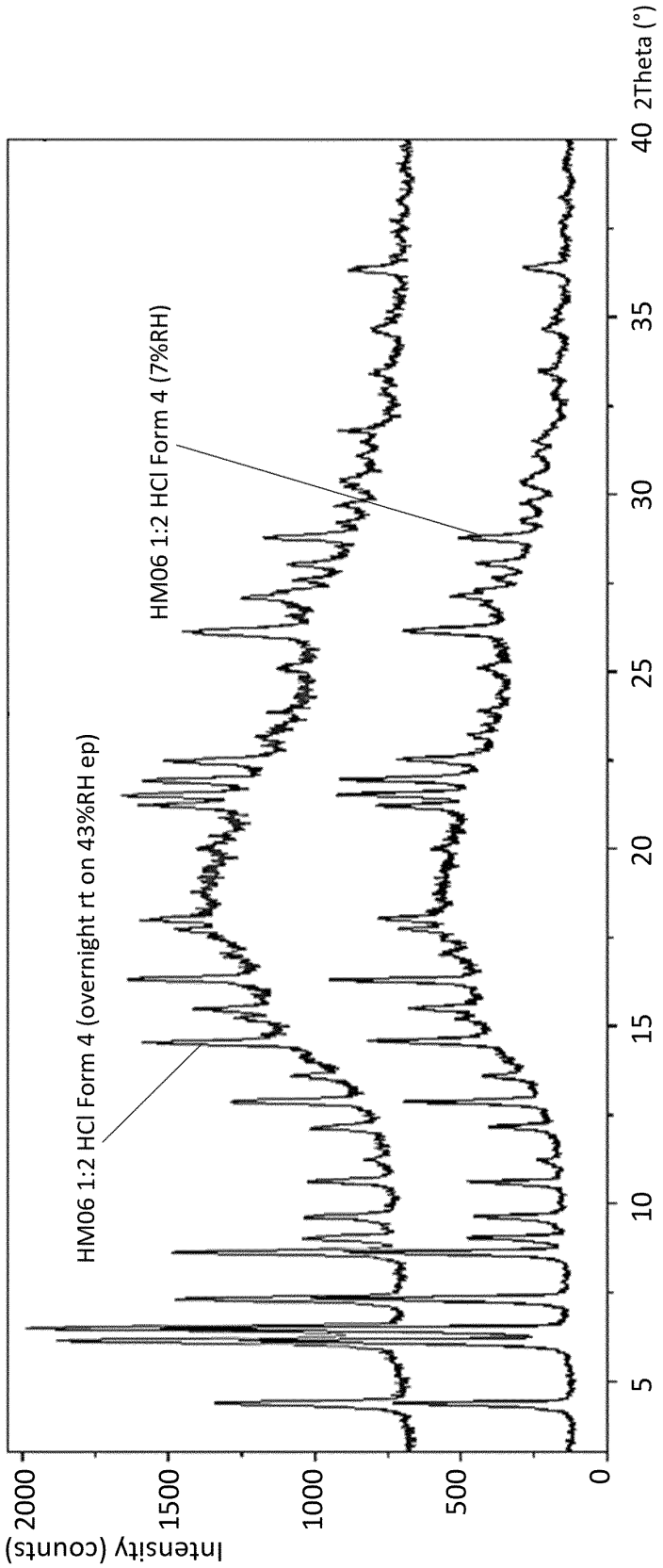
HM06 1:2 HCl Form 4 (overnight rt on 43%RH ep)
HM06 1:2 HCl Form 4 (7%RH)
Intensity (counts)
2Theta (°)
0
500
1000
1500
2000
5
10
15
20
25
30
35
40

Fig. 8E

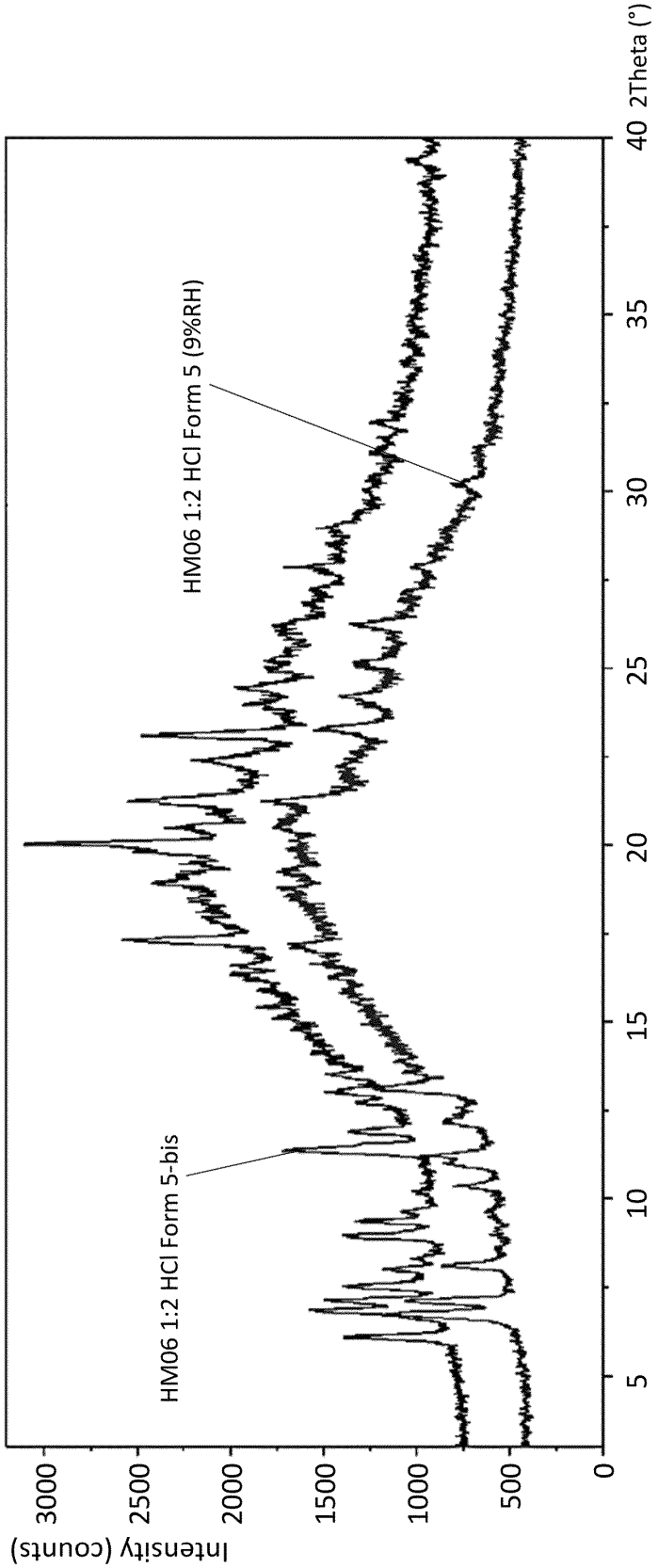
Intensity (counts)
3000
2500
2000
1500
1000
500
0
5
10
15
20
25
30
35
40
2Theta (°)
HM06 1:2 HCl Form 5-bis
HM06 1:2 HCl Form 5 (9%RH)

Fig. 9A

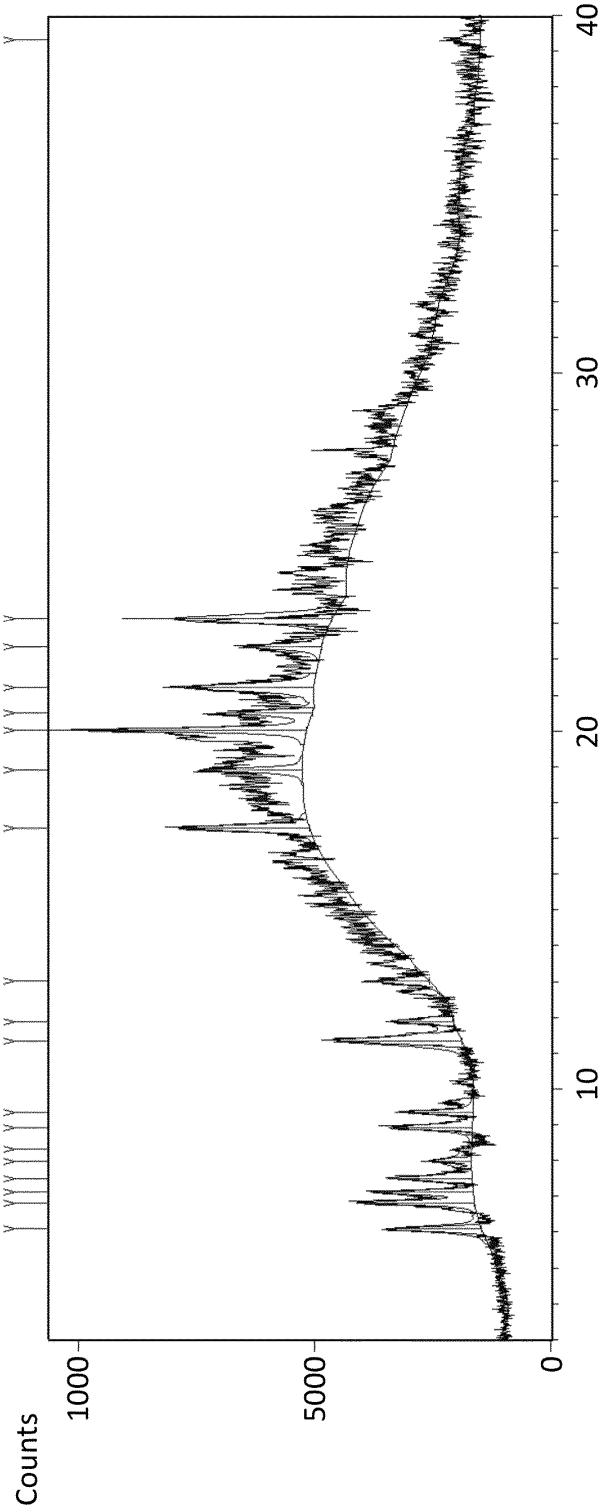

Fig. 9B

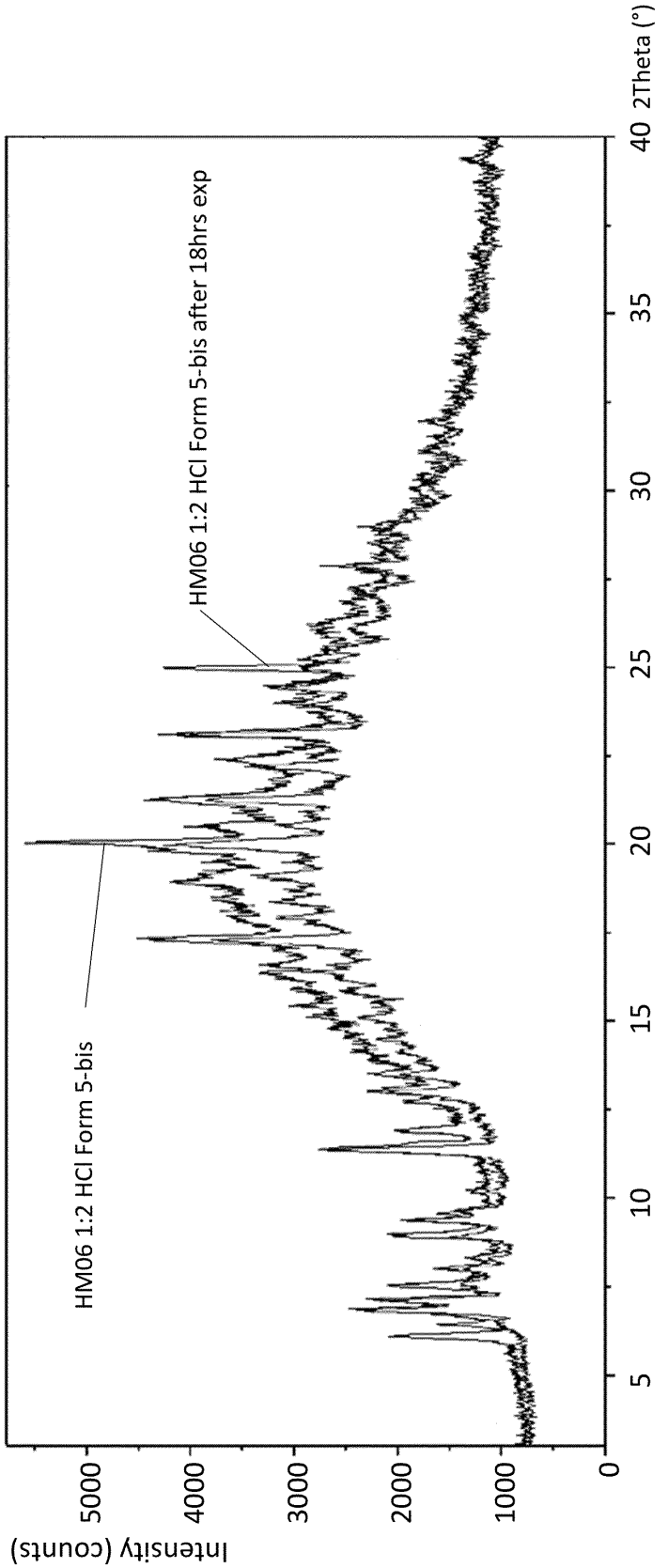
Intensity (counts)
0
1000
2000
3000
4000
5000
5
10
15
20
25
30
35
40
2Theta (°)
HM06 1:2 HCl Form 5-bis
HM06 1:2 HCl Form 5-bis after 18hrs exp

Fig. 9C

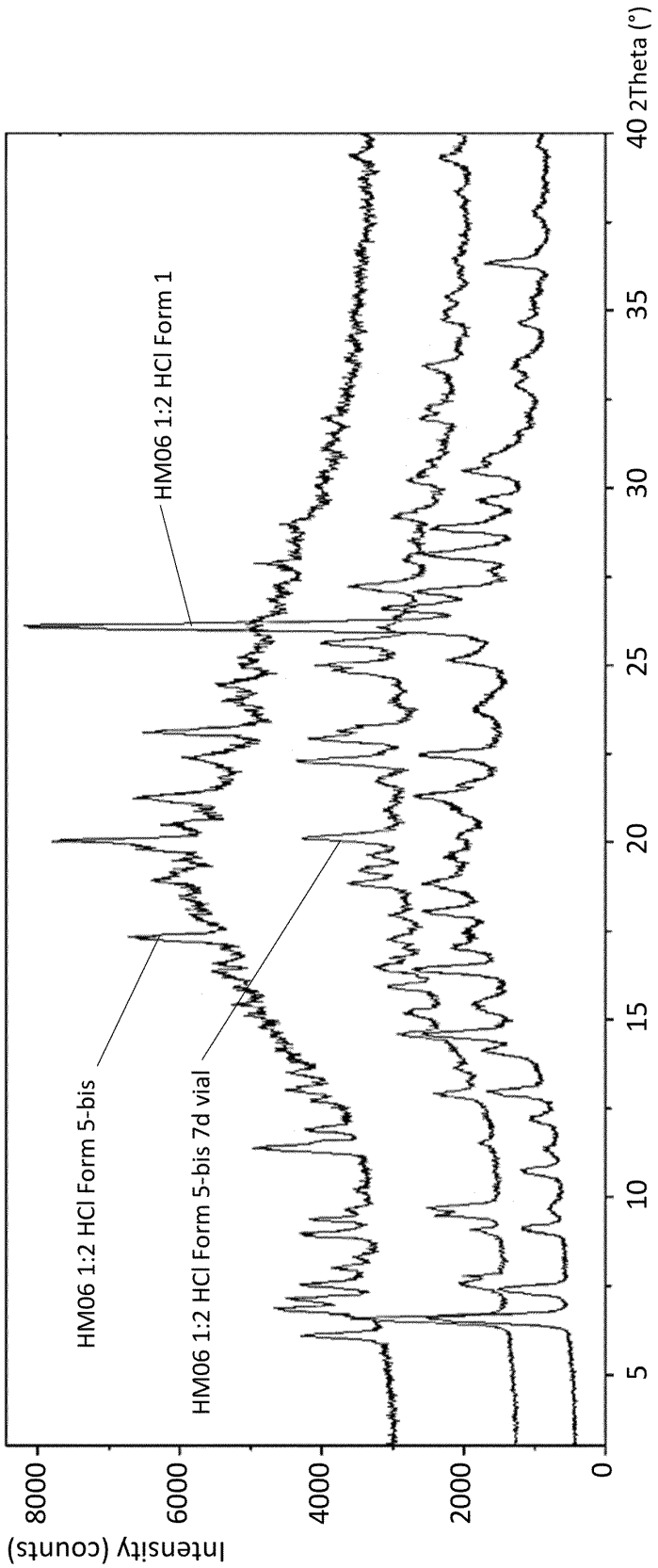
Intensity (counts)
8000
6000
4000
2000
0
5
10
15
20
25
30
35
40 2Theta (°)
HM06 1:2 HCl Form 1
HM06 1:2 HCl Form 5-bis
HM06 1:2 HCl Form 5-bis 7d vial

Fig. 9D

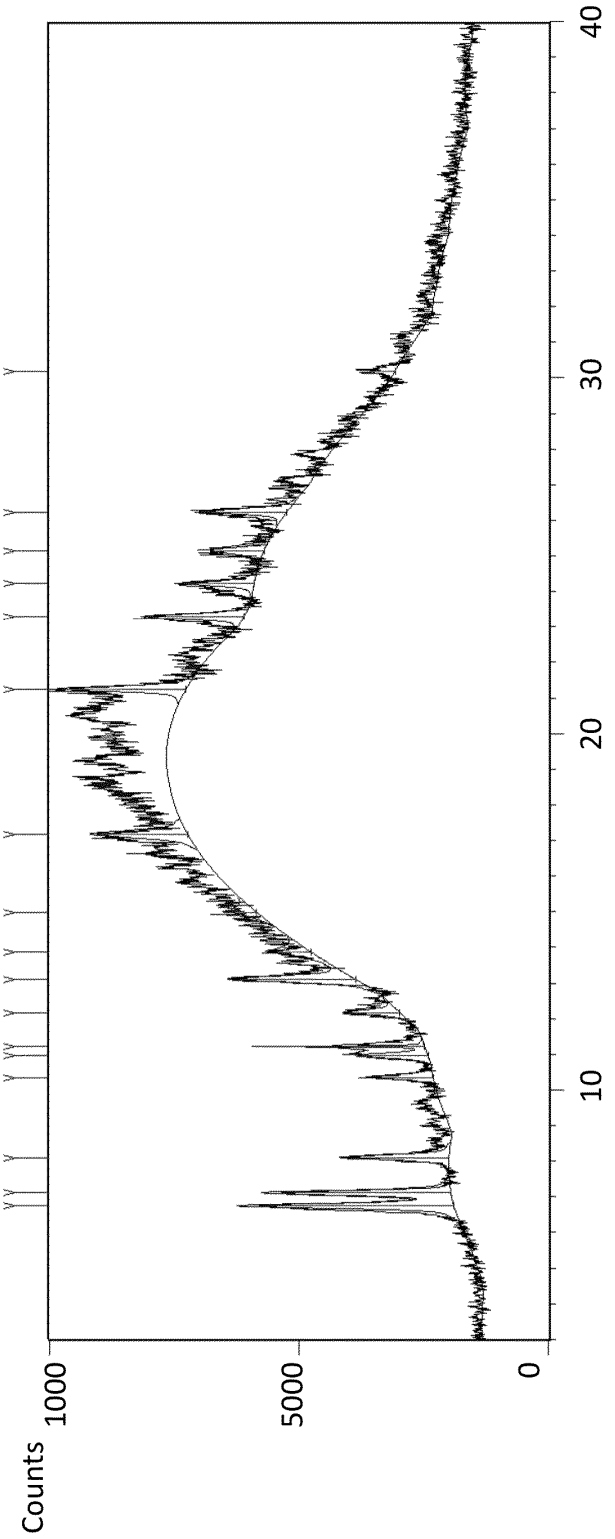

Fig. 9E

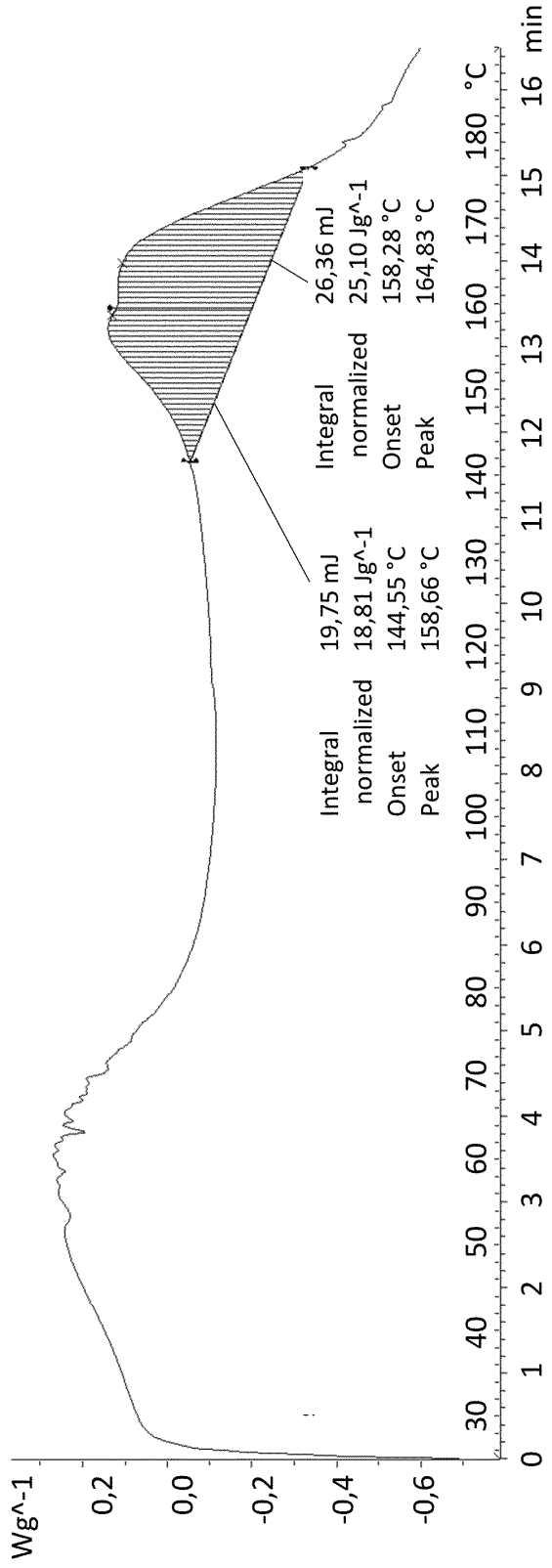
Wg^-1
0,2
0,0
-0,2
-0,4
-0,6
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 min
30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 °C
Integral 19,75 mJ
normalized 18,81 Jg^-1
Onset 144,55 °C
Peak 158,66 °C
Integral 26,36 mJ
normalized 25,10 Jg^-1
Onset 158,28 °C
Peak 164,83 °C

Fig. 9F

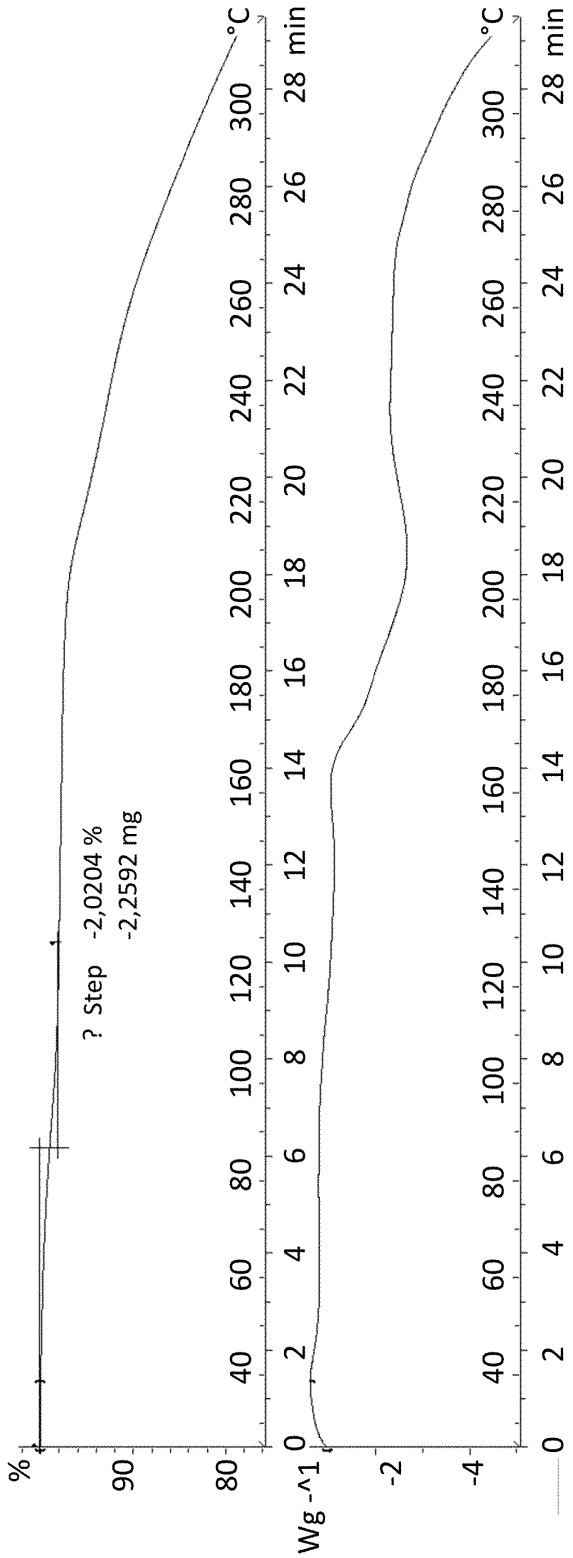
%
90
80
? Step -2,0204 %
-2,2592 mg
°C
40 60 80 100 120 140 160 180 200 220 240 260 280 300
min
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28
Wg -^1
-2
-4
°C
40 60 80 100 120 140 160 180 200 220 240 260 280 300
min
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28

Fig. 9G

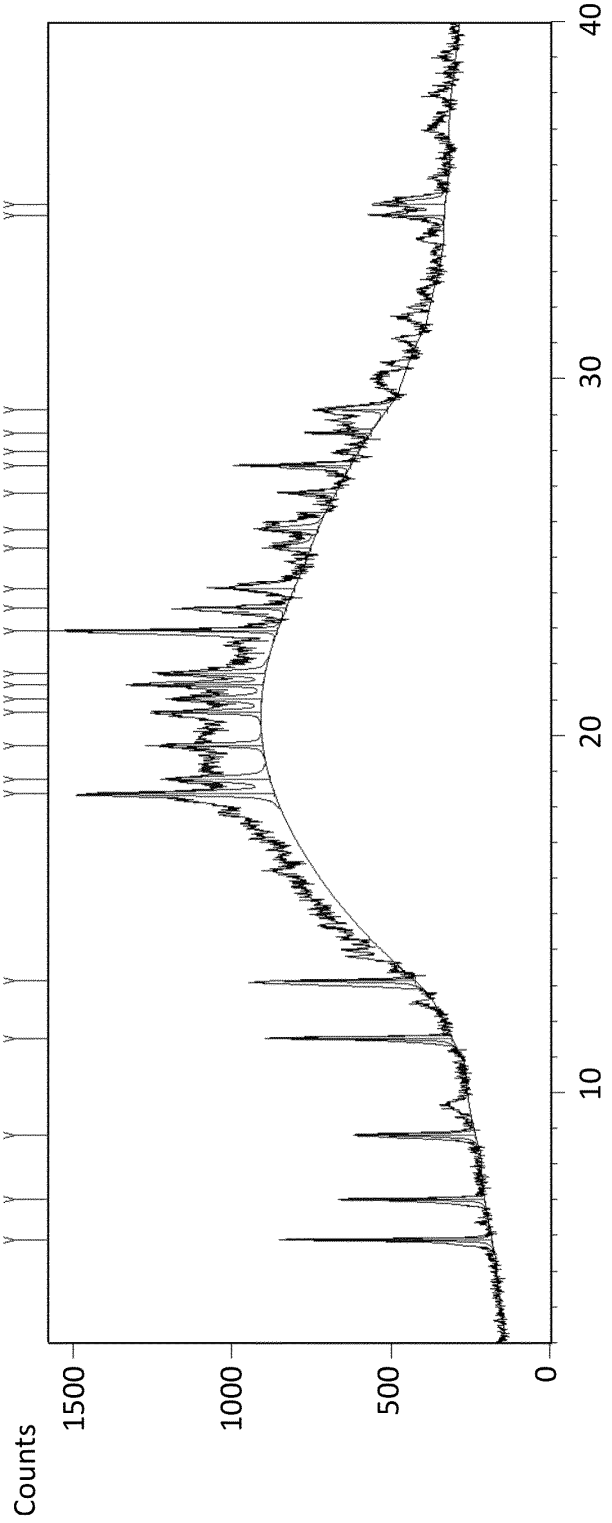

Fig. 10

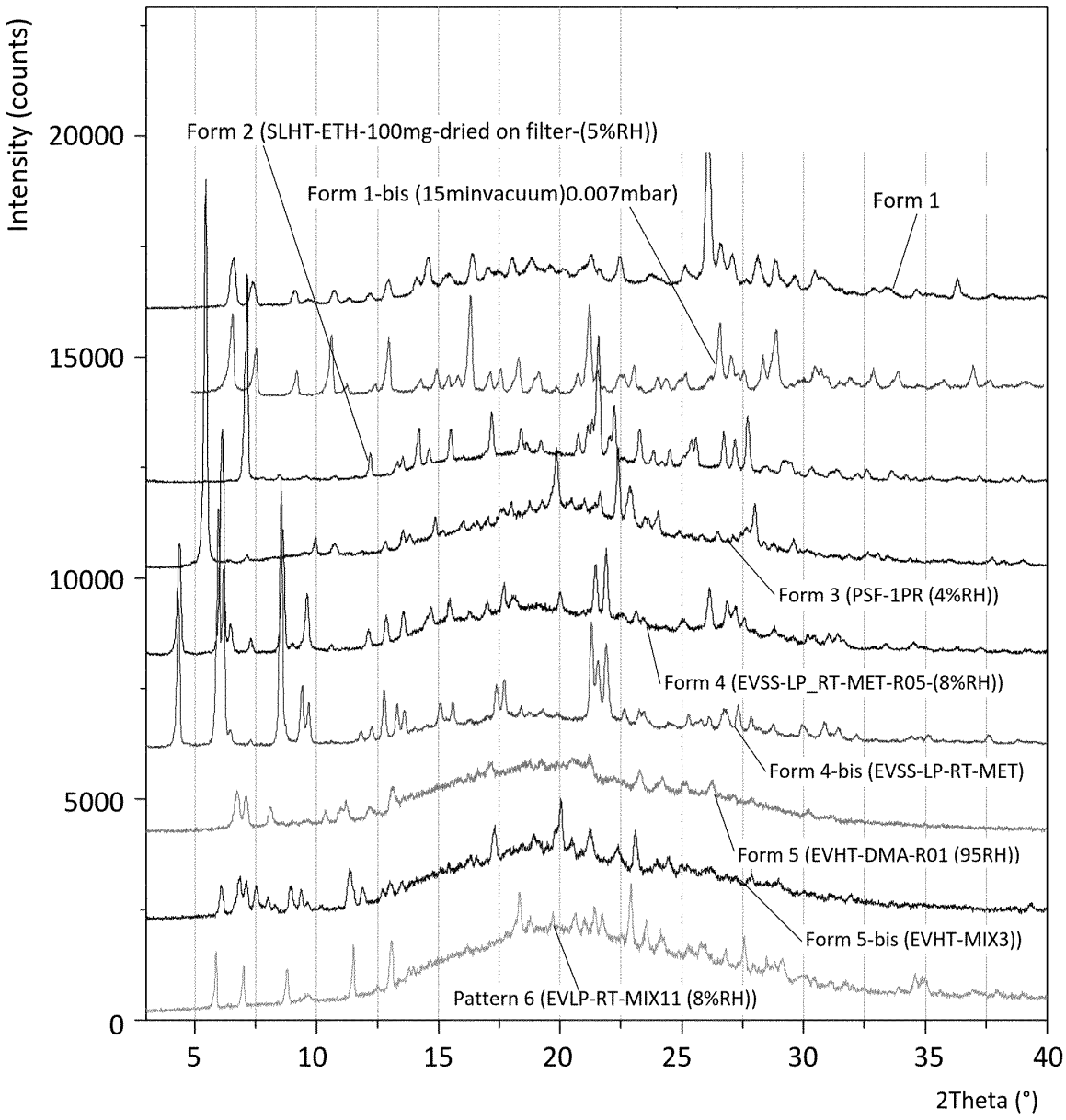
Intensity (counts)
20000
15000
10000
5000
0
5
10
15
20
25
30
35
40
2Theta (°)
Form 2 (SLHT-ETH-100mg-dried on filter-(5%RH))
Form 1-bis (15minvacuum)0.007mbar)
Form 1
Form 3 (PSF-1PR (4%RH))
Form 4 (EVSS-LP_RT-MET-R05-(8%RH))
Form 4-bis (EVSS-LP-RT-MET)
Form 5 (EVHT-DMA-R01 (95RH))
Form 5-bis (EVHT-MIX3))
Pattern 6 (EVLP-RT-MIX11 (8%RH))

Fig. 11