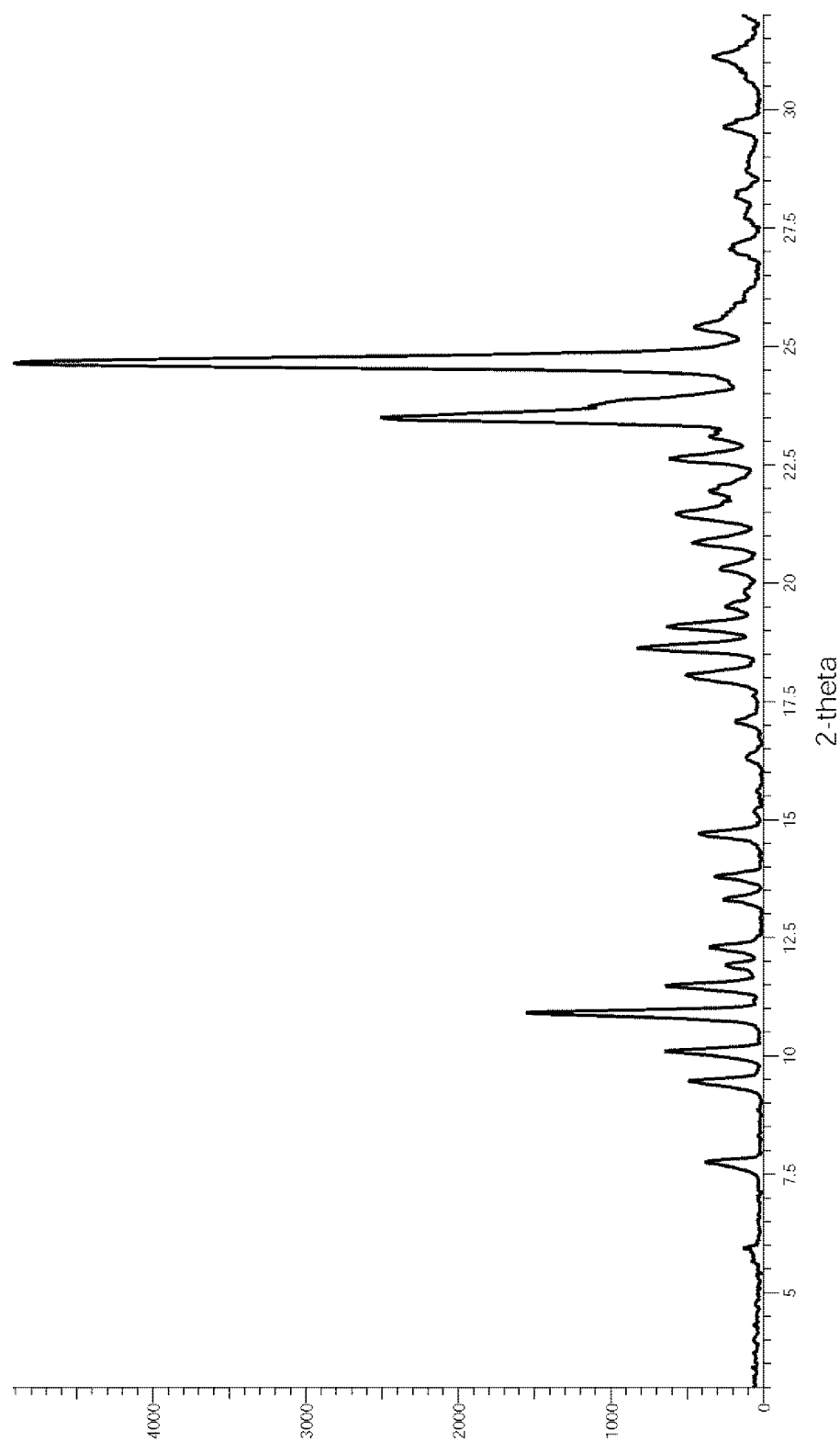


[図1]

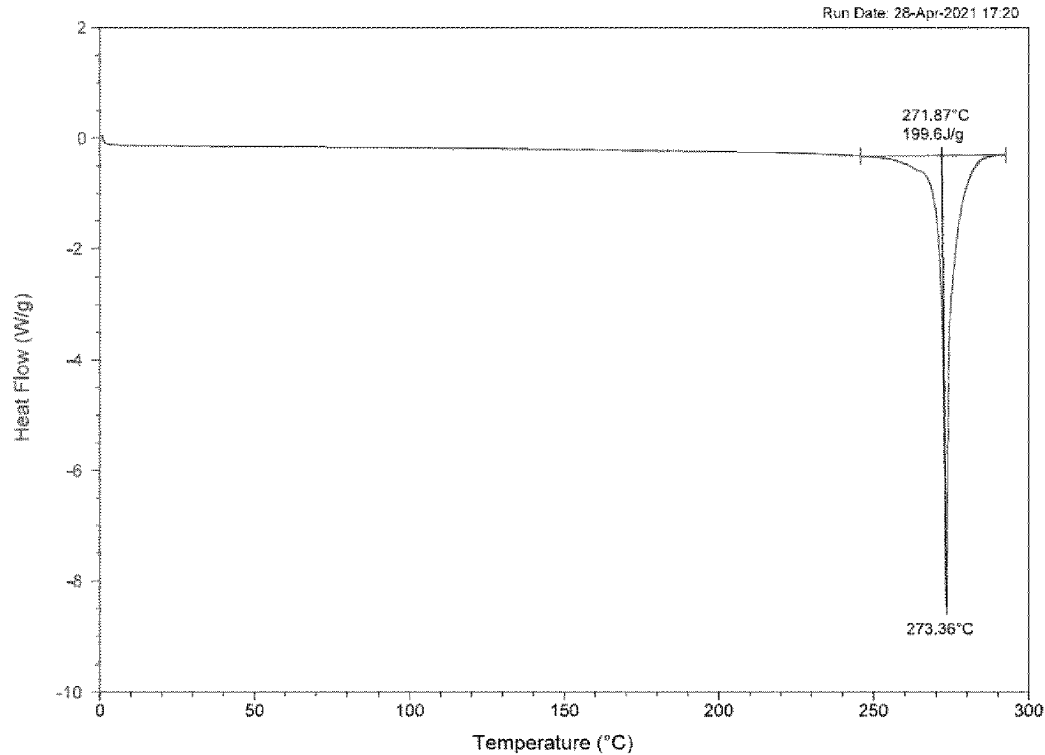


[図2]

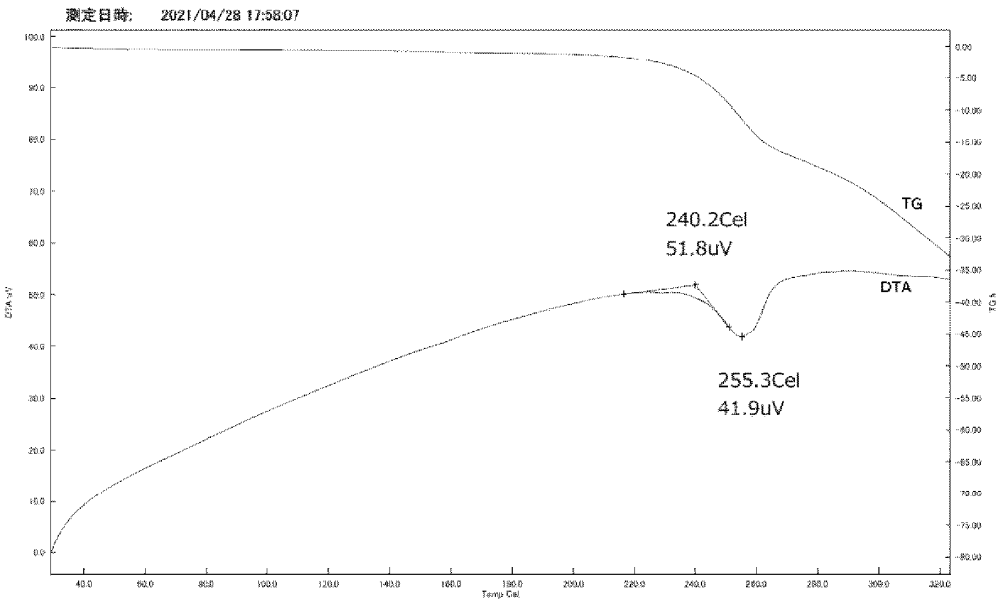
No.	2 θ (°)	Intensity	No.	2 θ (°)	Intensity	No.	2 θ (°)	Intensity	No.	2 θ (°)	Intensity
1	3.4200	210.3583	17	15.1600	194.0755	33	21.4600	709.0836	49	27.1400	339.1359
2	5.3800	180.6752	18	15.3600	160.1640	34	21.7800	375.1318	50	27.6200	216.6629
3	5.6600	214.3410	19	15.6000	181.4276	35	21.9400	487.5561	51	27.7200	256.8279
4	5.9400	265.2505	20	16.3400	243.9242	36	22.0600	429.3932	52	27.9200	242.5821
5	7.7600	513.7367	21	16.5400	168.9487	37	22.6200	749.8068	53	28.1600	317.5602
6	8.8600	173.9452	22	17.0800	315.4594	38	23.1000	491.4590	54	28.2600	310.9376
7	9.4800	621.8839	23	17.6200	202.2376	39	23.2000	452.7953	55	28.4400	211.6360
8	10.1000	777.2543	24	18.0600	643.2245	40	23.5000	2643.1279	56	29.1000	219.5811
9	10.9000	1684.4740	25	18.3000	221.2361	41	23.7400	1280.4906	57	29.6400	393.1694
10	11.4800	775.3323	26	18.6200	961.6690	42	24.6400	5047.3081	58	30.1000	181.8493
11	11.9200	379.1448	27	19.0800	766.5743	43	25.4000	587.0492	59	30.1600	172.2840
12	12.3000	486.3645	28	19.5000	383.6412	44	25.6400	407.2333	60	30.8000	289.2609
13	13.3000	395.4130	29	19.8400	258.1814	45	25.7000	379.0891	61	31.1200	468.9870
14	13.7800	452.2804	30	20.2800	419.3952	46	25.9000	326.3577	62	31.3200	296.4213
15	14.7000	559.5134	31	20.5600	211.8717	47	26.4000	187.6130	63	31.7200	205.5943
16	14.9200	178.2413	32	20.8400	603.8334	48	27.0400	355.1789			

[illegible]

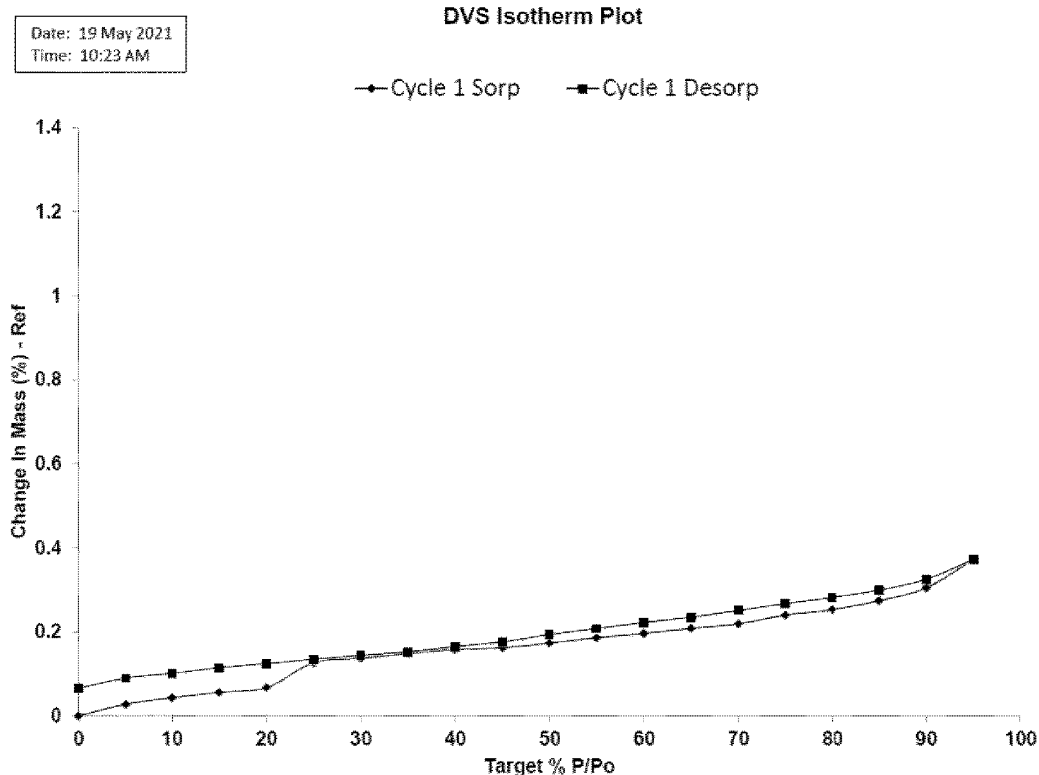
[図4]



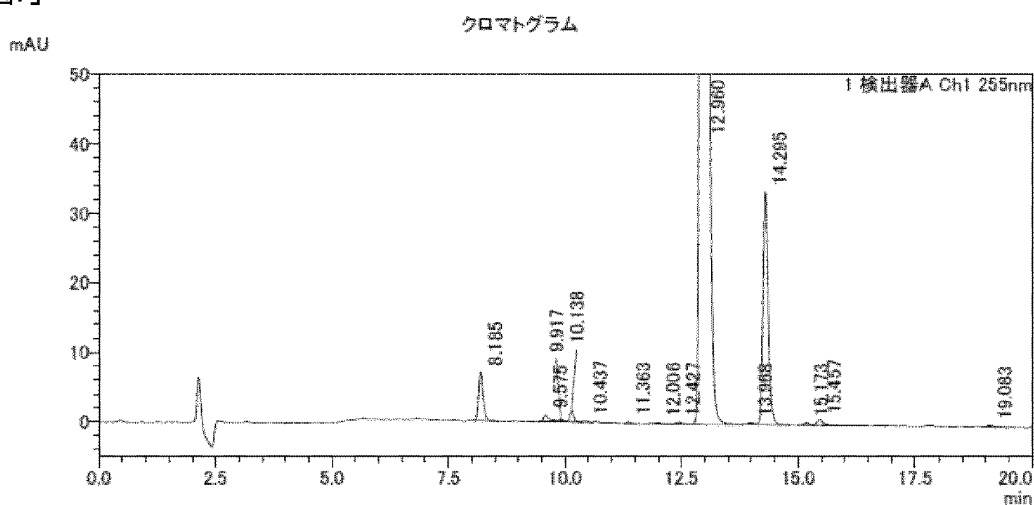
[図5]



[図6]



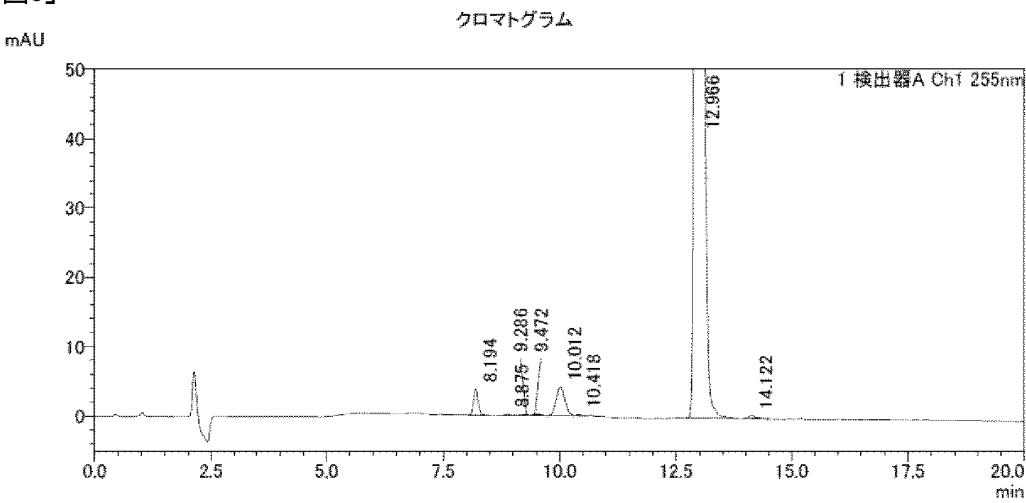
[図7]



ピークテーブル

検出器A Ch1 255nm ピーク#	保持時間	面積	高さ	面積%	理論段数(USP)	シフト係数	S/N	分離度(USP)
1	8.185	47315	6866	0.677	30628	1.276	15.40	—
2	9.575	9230	1001	0.132	35477	—	2.25	7.122
3	9.917	1752	310	0.025	48518	—	0.69	1.784
4	10.138	9208	1485	0.132	53498	1.260	3.33	1.243
5	10.437	1586	244	0.023	50407	1.063	0.55	1.859
6	11.363	1358	264	0.019	90284	1.191	0.59	5.491
7	12.006	2079	215	0.030	25217	—	0.48	2.834
8	12.427	3378	324	0.048	39961	—	0.73	1.527
9	12.960	6635569	909273	94.918	68225	1.335	2040.02	2.386
10	13.968	2361	249	0.034	37385	—	0.56	4.137
11	14.295	264769	33412	3.787	71942	1.272	74.96	1.302
12	15.173	2580	342	0.041	72263	—	0.77	3.998
13	15.457	7632	827	0.109	71854	1.591	1.85	1.246
14	19.083	1740	210	0.025	109260	1.201	0.47	15.714
合計		6990856	955020	100.000				

[図8]



ピークテーブル								
検出器A Ch1 255nm	ピーク#	保持時間	面積	高さ	面積%	理論段数(USP)	シンマリ係数	S/N
	1	8.194	25361	3786	0.342	31117	1.250	9.56
	2	8.875	1519	201	0.021	34906	—	0.51
	3	9.286	1811	180	0.024	21890	—	0.45
	4	9.472	2404	202	0.032	15531	—	0.51
	5	10.012	56041	4163	0.756	12436	1.147	10.51
	6	10.418	1159	216	0.016	70797	1.298	0.54
	7	12.966	7315438	985267	98.741	68259	1.339	2487.32
	8	14.122	4990	463	0.067	50369	1.684	1.17
	合計		7408723	994478	100.000			

分離度(USP)

—

3.623

1.861

0.671

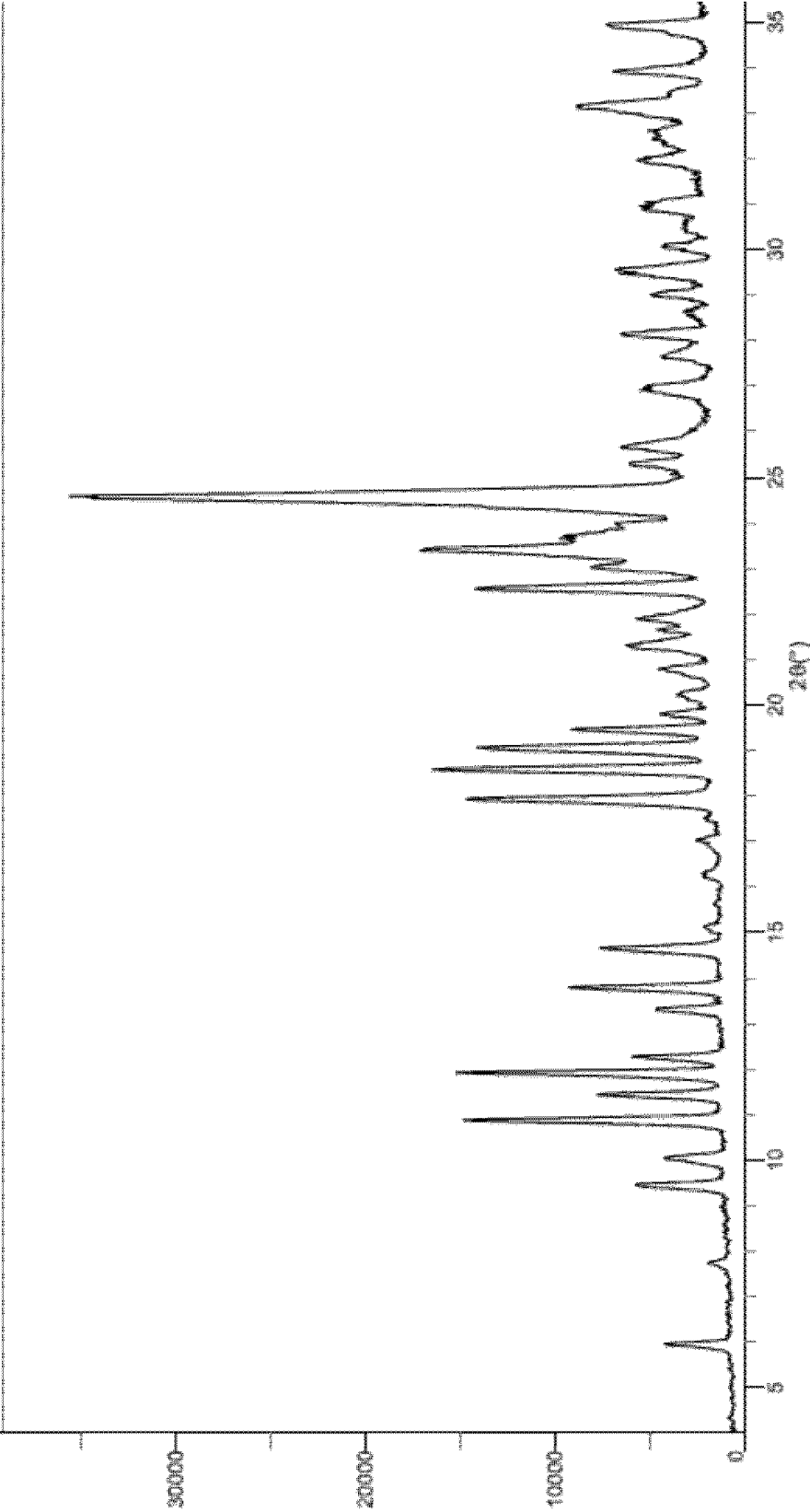
1.630

1.573

14.351

5.135

[図9]



[図10]

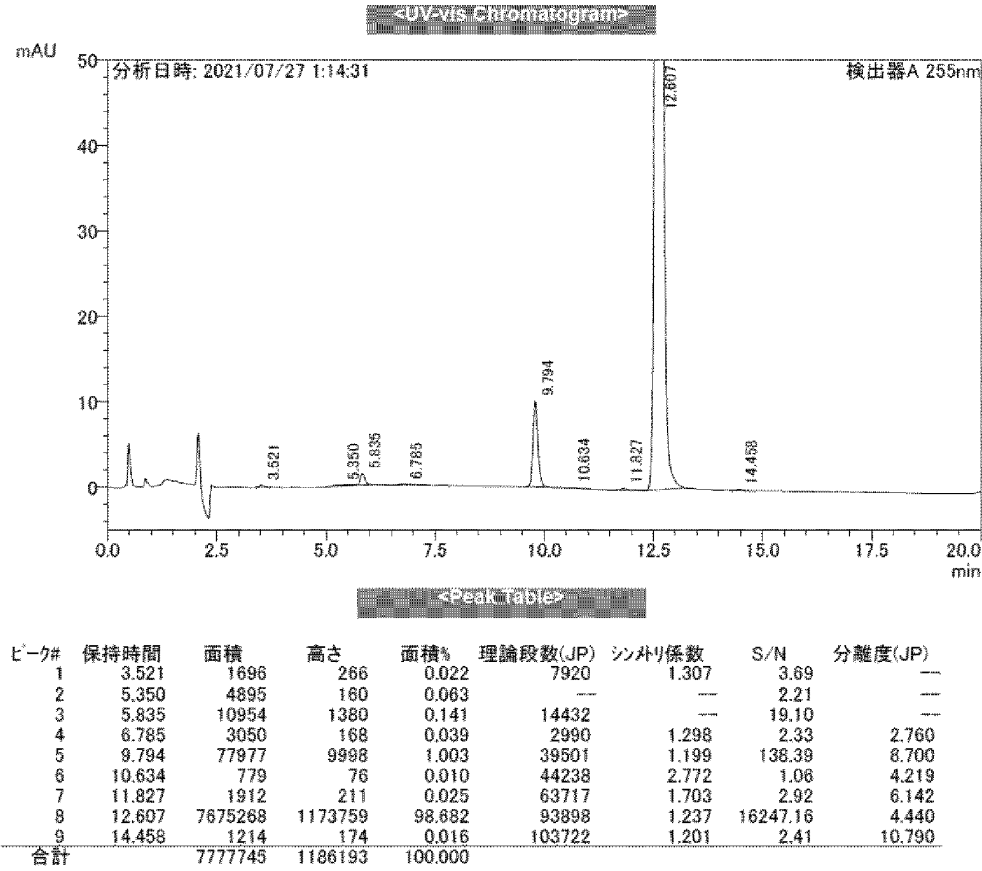
No.	2 θ (°)
1	5.956
2	7.738
3	9.451
4	10.0454
5	10.8724
6	11.426
7	11.919
8	12.266
9	13.3038
10	13.780
11	14.641
12	15.106
13	15.59582
14	16.25
15	17.037
16	17.46877
17	17.918
18	18.574
19	19.038
20	19.441

No.	2 θ (°)
21	19.785
22	20.199
23	20.77
24	21.28
25	21.63940
26	21.868
27	22.553
28	23.012
29	23.384
30	23.66469
31	23.69
32	23.98114
33	24.558
34	25.249
35	25.630
36	26.893
37	27.66
38	28.096
39	28.55872
40	28.984

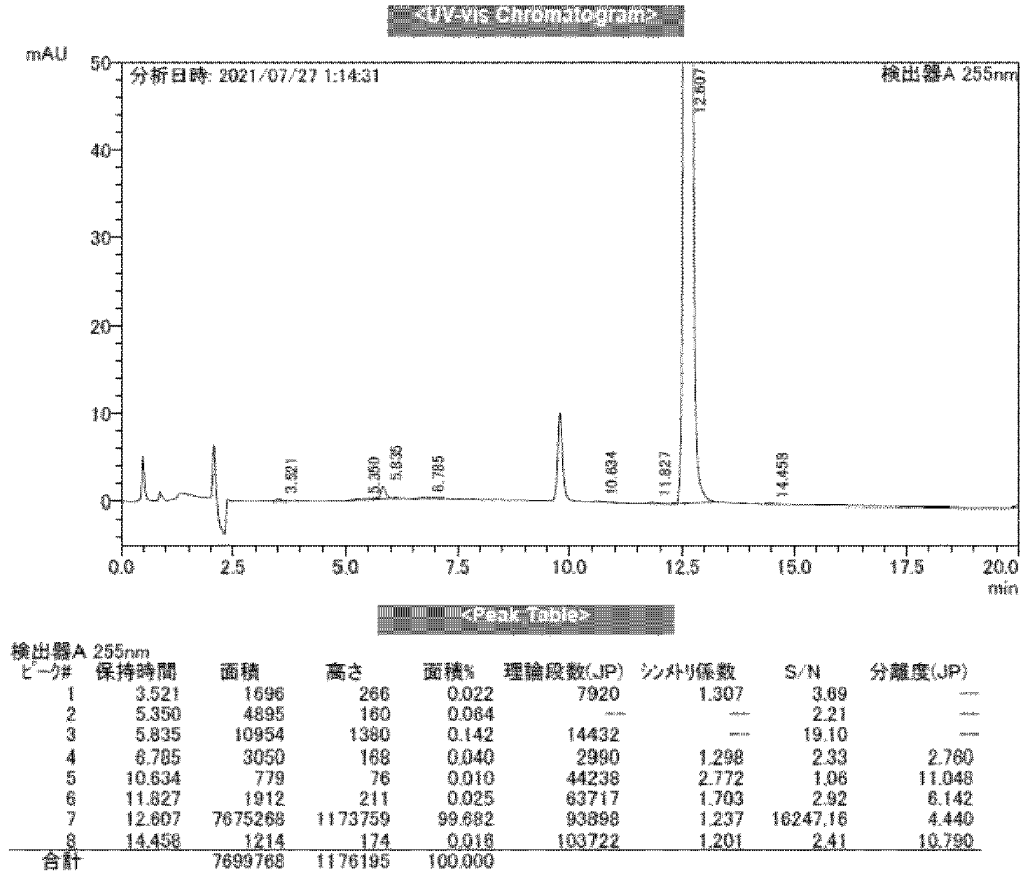
No.	2 θ (°)
41	29.49
42	30.04
43	30.51158
44	30.909
45	31.941
46	32.50
47	33.122
48	33.439
49	33.883
50	34.700
51	34.871

The ORTEP diagram illustrates the molecular structure of 2,2,4,4-tetrafluoro-5,5-dimethyl-3-nitro-1,3-dioxane-6-carboxamide. The central 1,3-dioxane ring is substituted with a trifluoromethyl group at C1, a carboxamide group at C6, and a 2,2,4,4-tetrafluoro-5,5-dimethyl-3-nitrophenyl group at C4. The amide group is shown in a trans configuration. The trifluoromethyl group is represented by a central carbon atom bonded to three fluorine atoms. The phenyl ring is substituted with a trifluoromethyl group at C1, a carboxamide group at C6, and a 2,2,4,4-tetrafluoro-5,5-dimethyl-3-nitrophenyl group at C4. The amide group is shown in a trans configuration. The trifluoromethyl group is represented by a central carbon atom bonded to three fluorine atoms. The phenyl ring is substituted with a trifluoromethyl group at C1, a carboxamide group at C6, and a 2,2,4,4-tetrafluoro-5,5-dimethyl-3-nitrophenyl group at C4. The amide group is shown in a trans configuration. The trifluoromethyl group is represented by a central carbon atom bonded to three fluorine atoms.

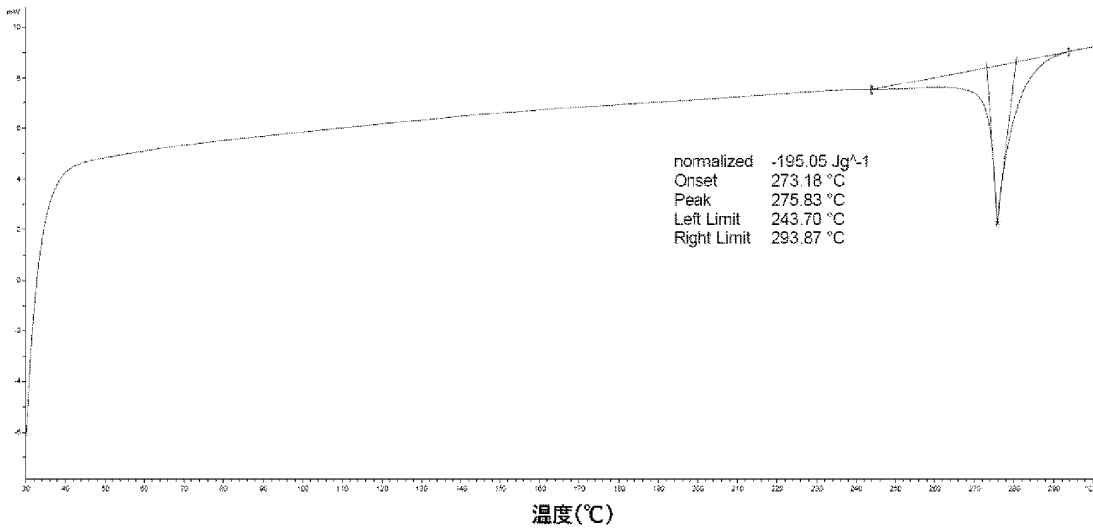
[図12]



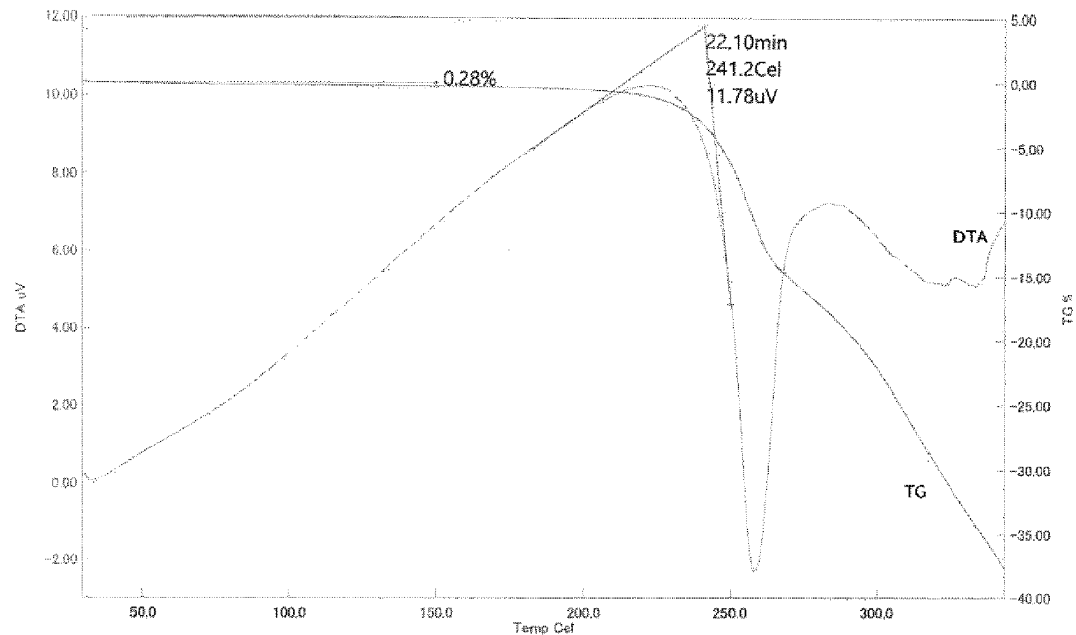
[図13]



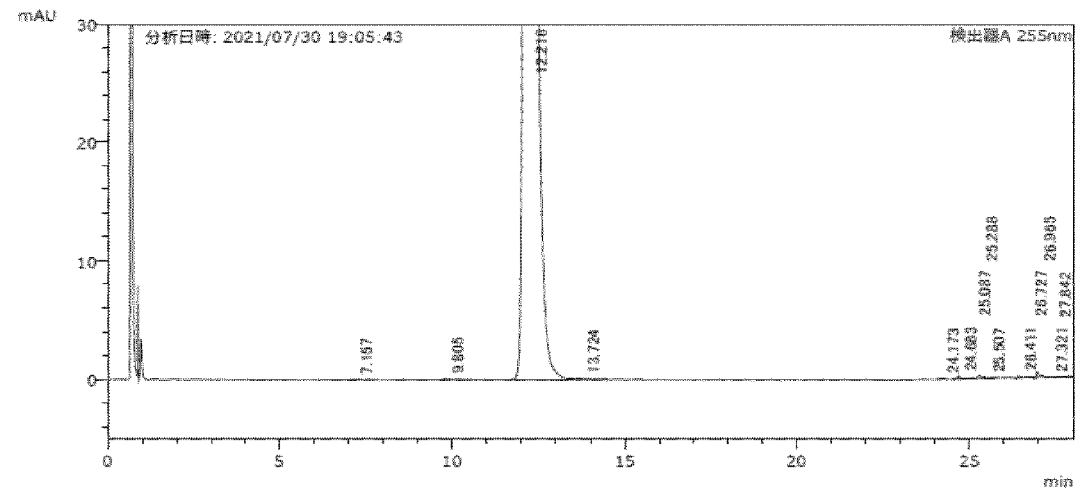
[図14]



[図15]

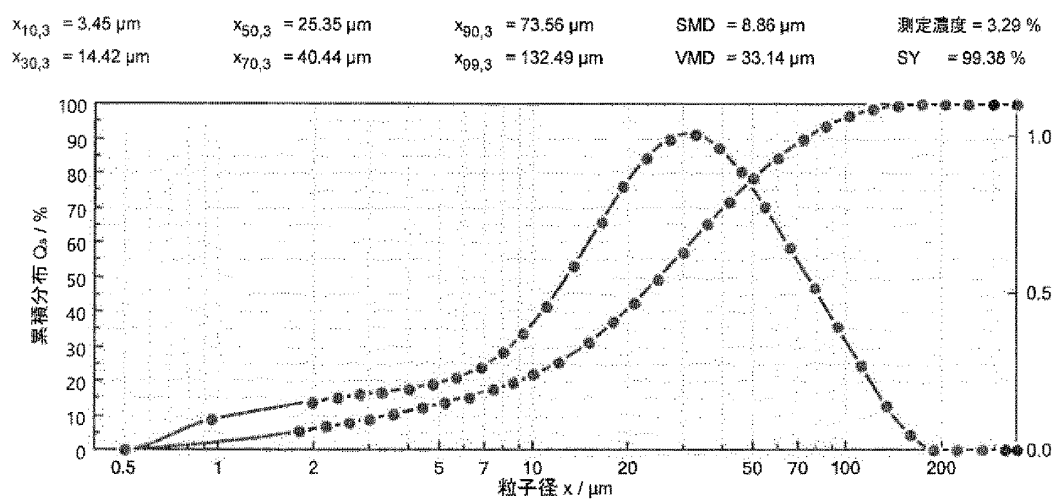


[図16]

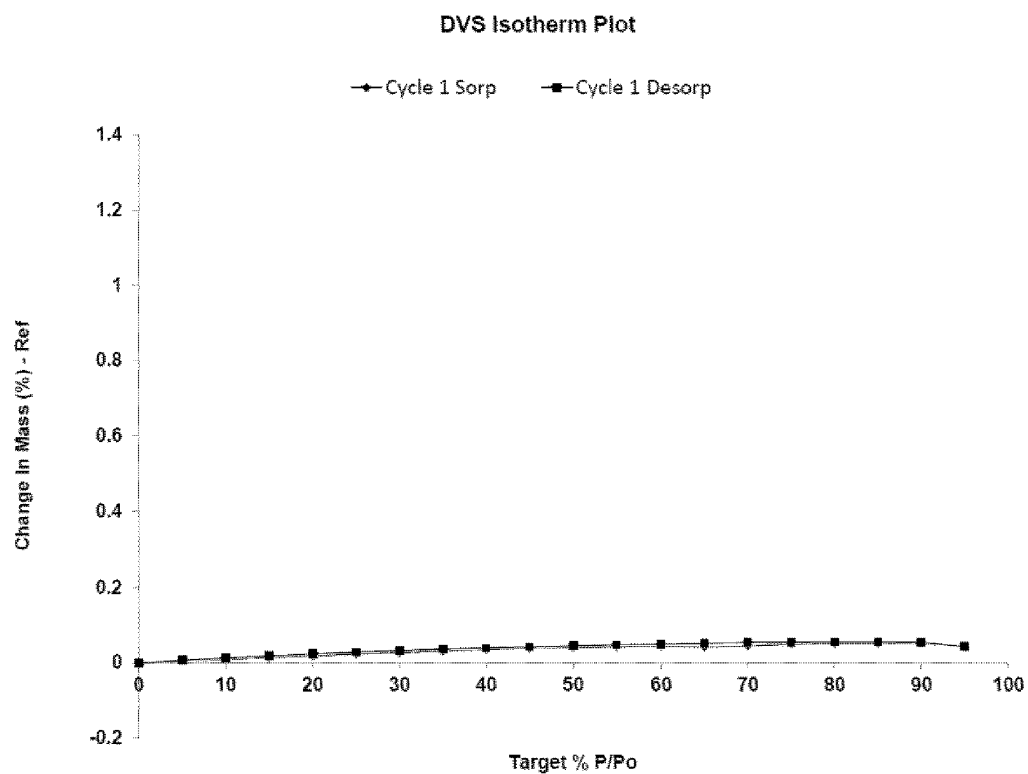


ピーク#	保持時間	面積	高さ	面積%	理論段数(JP)	シフト係数	分離度(JP)	S/N
1	7.157	195	30	0.003	34169	1.2	--	0.01
2	9.805	638	65	0.010	24919	1.1	13.166	0.01
3	12.216	6139185	400510	99.807	16125	1.3	7.635	80.61
4	13.724	1891	66	0.031	--	--	--	0.01
5	24.173	335	55	0.005	401284	1.1	--	0.01
6	24.683	1323	230	0.022	435199	1.4	3.385	0.05
7	25.087	149	66	0.002	3109805	1.0	3.916	0.01
8	25.288	1628	214	0.026	299648	--	1.671	0.04
9	25.507	448	49	0.007	--	--	--	0.01
10	26.411	669	157	0.011	837783	--	--	0.03
11	26.727	556	71	0.009	226144	1.1	1.859	0.01
12	26.965	3320	422	0.054	416591	2.4	1.220	0.08
13	27.321	356	49	0.006	357397	1.8	2.041	0.01
14	27.842	393	28	0.006	104400	0.7	1.980	0.01
合計		6151085	402011	100.000				

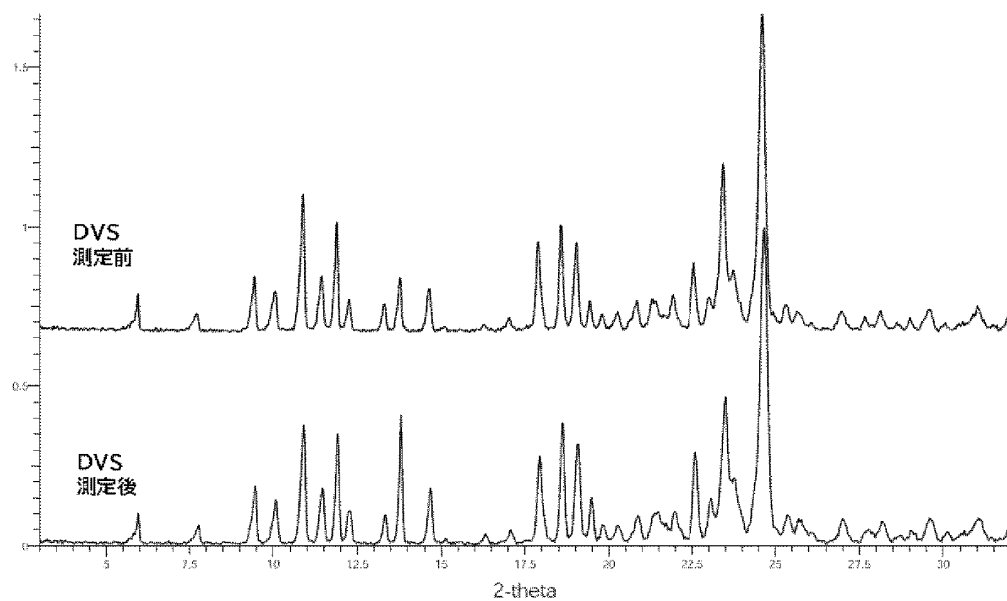
[図17]



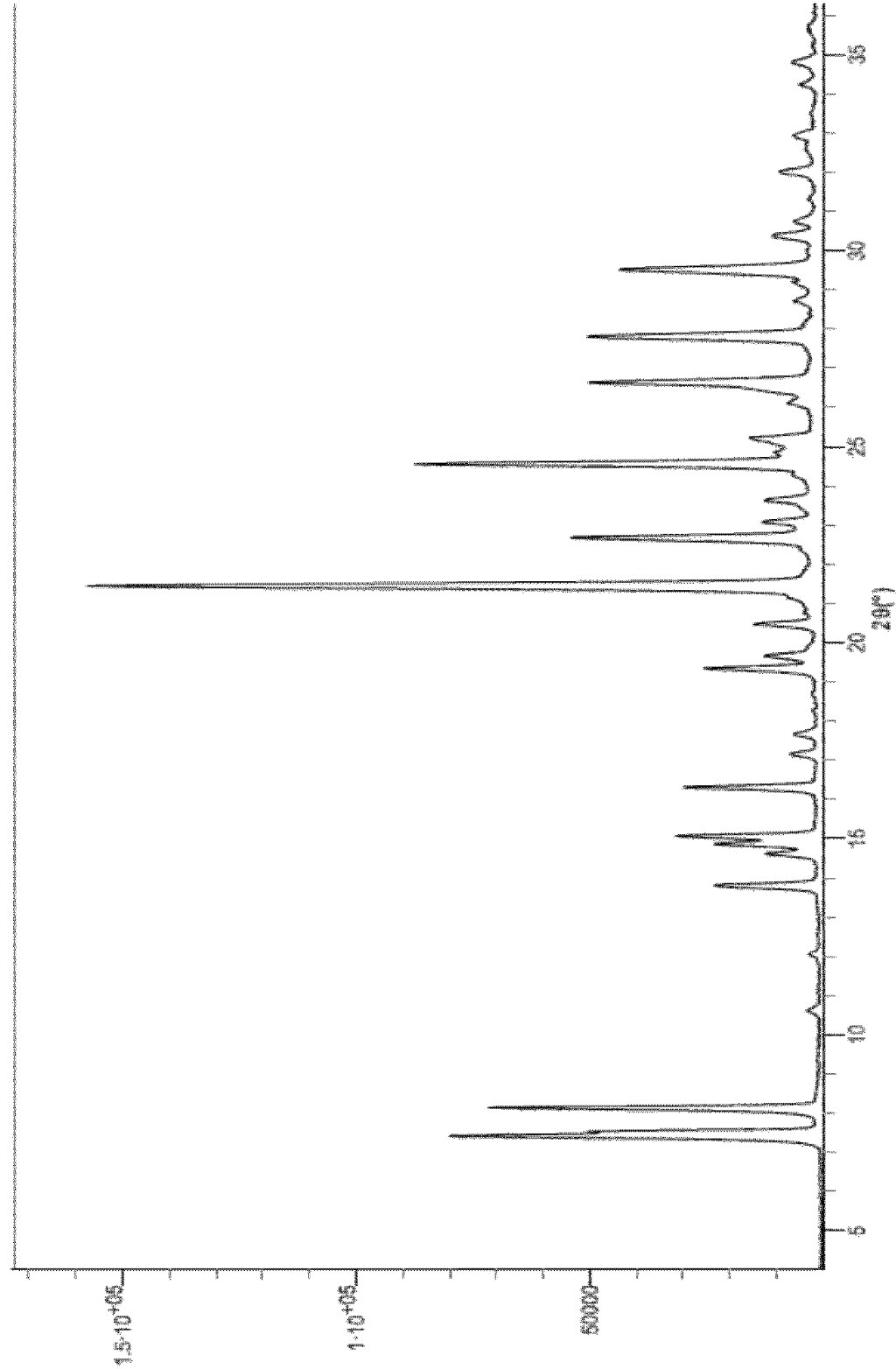
[図18]



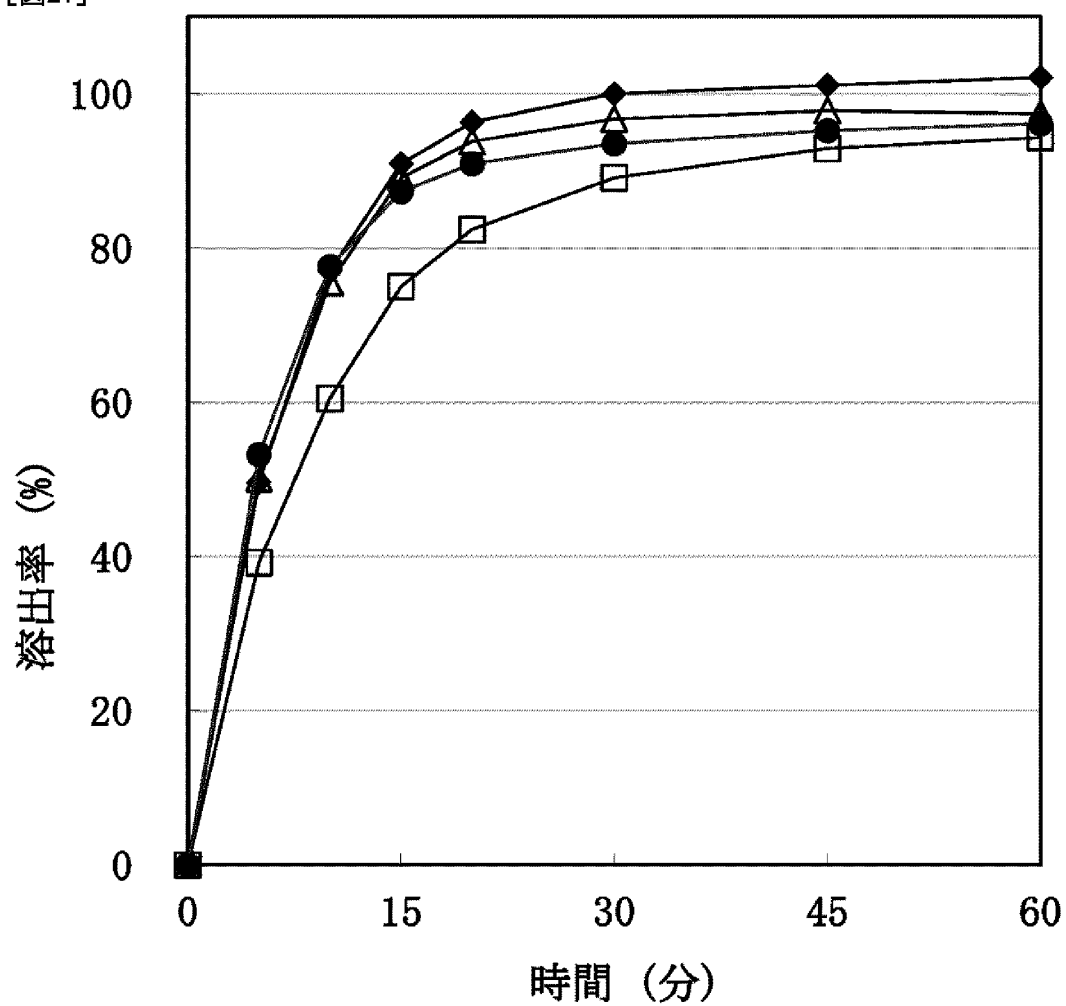
[図19]



[図20]



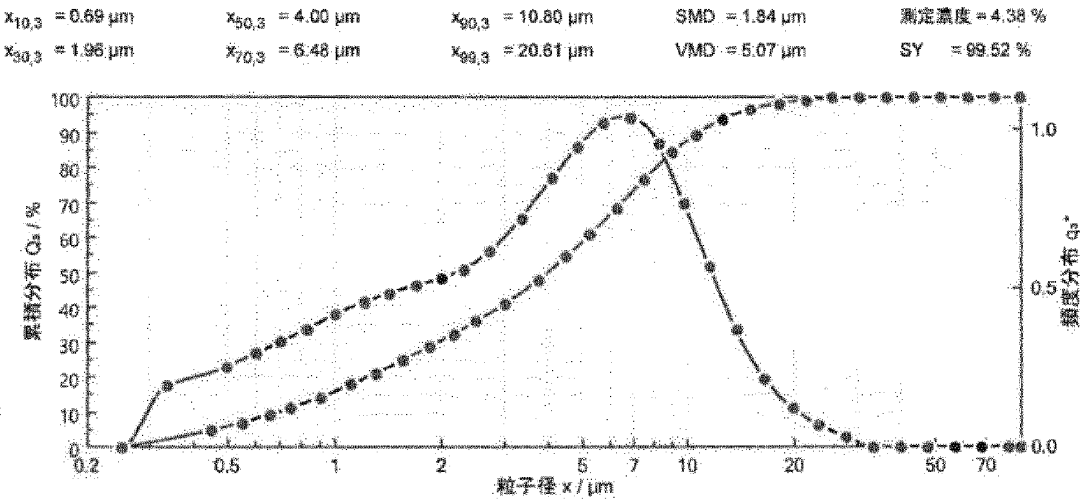
[図21]



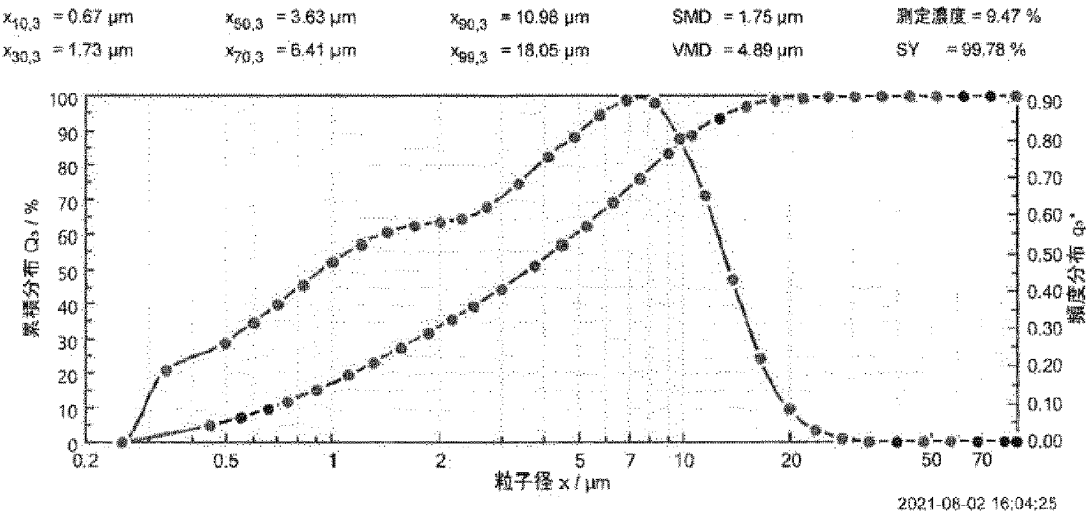
△実施例 6 A □実施例 6 B

◆実施例 6 C ●実施例 6 D

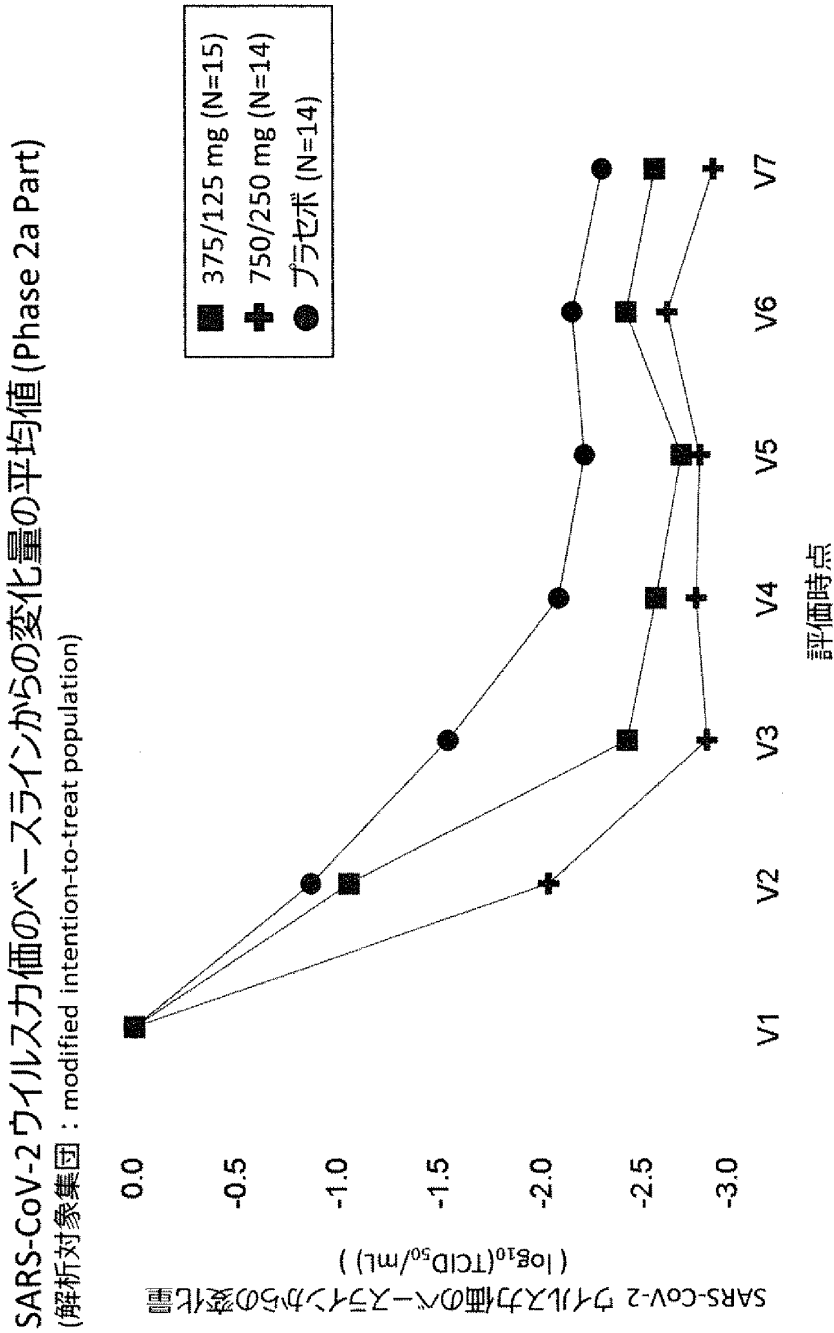
[図22]



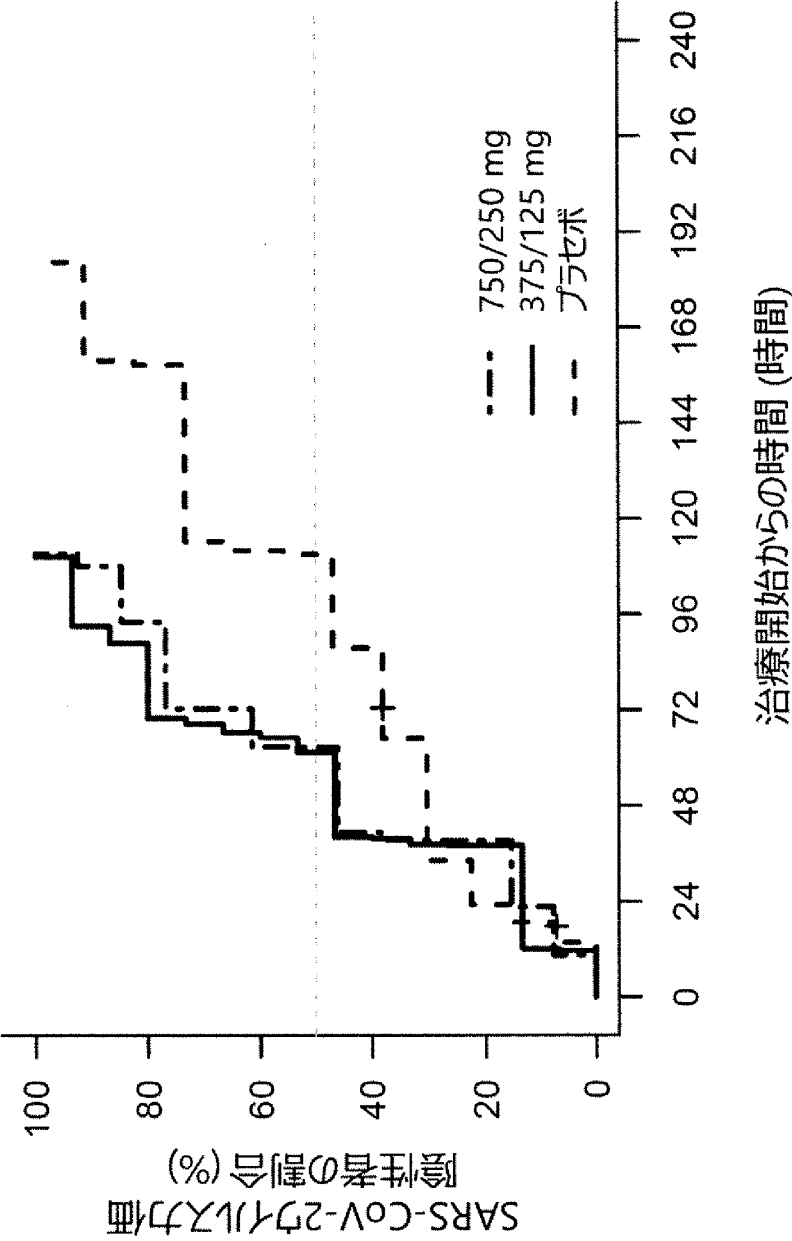
[図23]



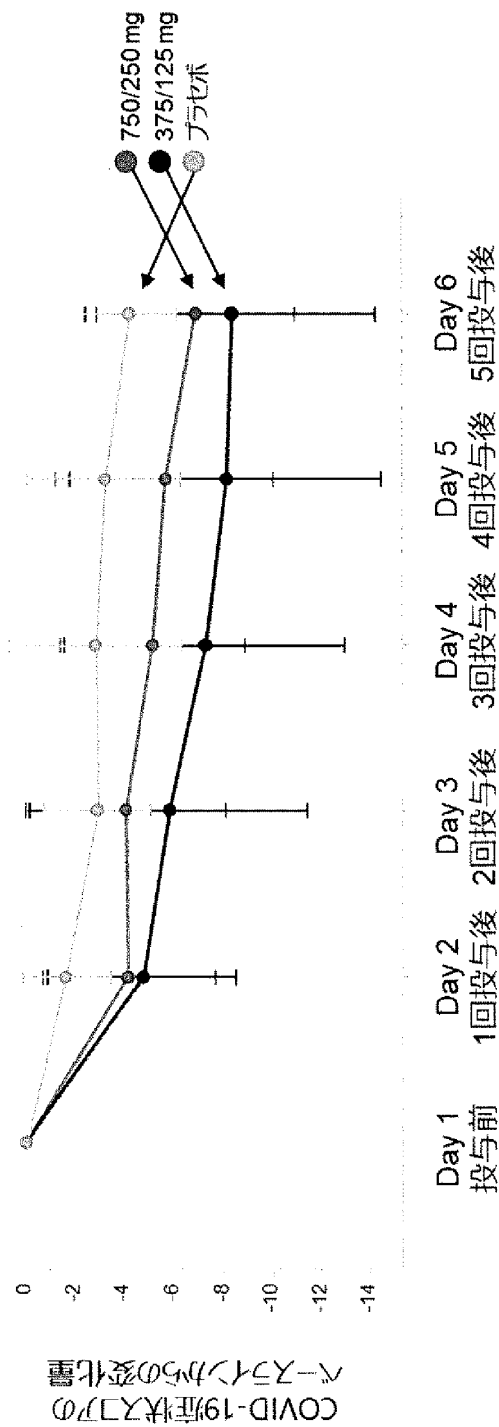
[図24]



[図25]



[図26]



[図27]

