Fig.1.

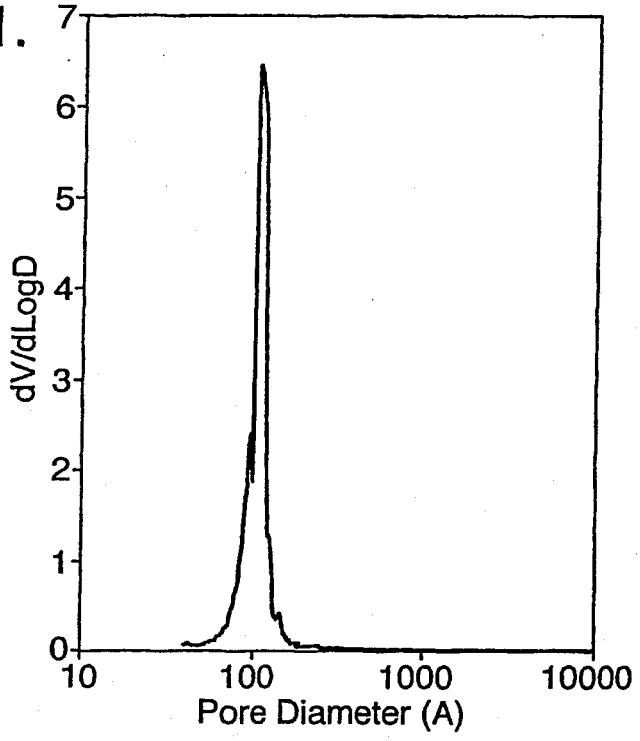

dV/dLogD
0
1
2
3
4
5
6
7
10
100
1000
10000
Pore Diameter (A)

Fig.2.

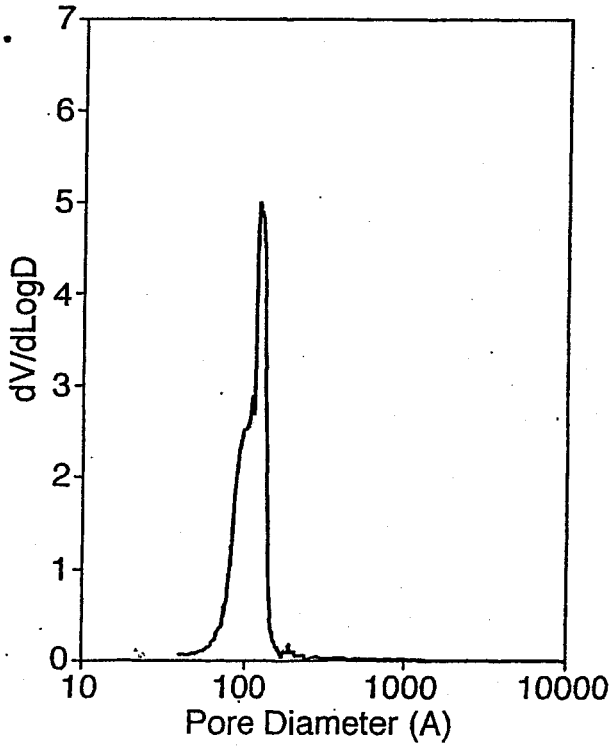

dV/dLogD
0
1
2
3
4
5
6
7
10
100
1000
10000
Pore Diameter (A)

Fig.3.

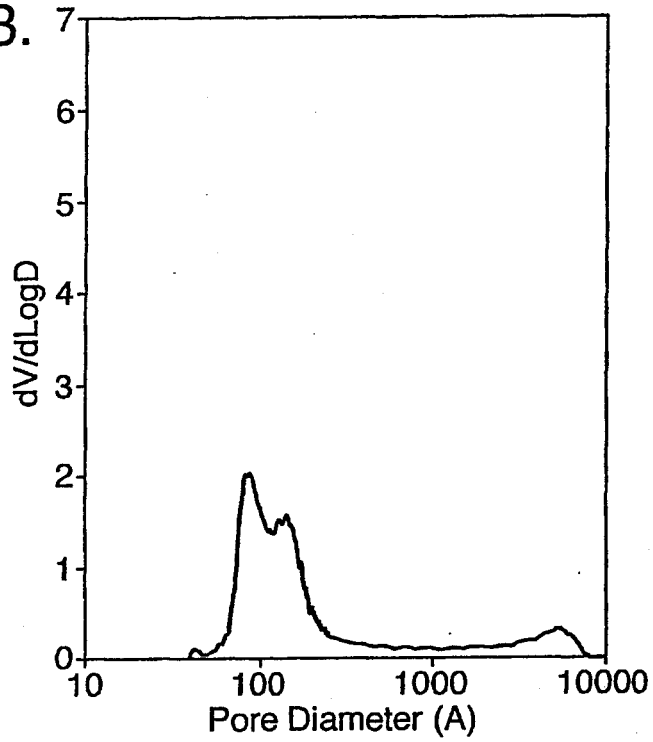

dV/dLogD
0
1
2
3
4
5
6
7
10
100
1000
10000
Pore Diameter (A)

Fig.4.

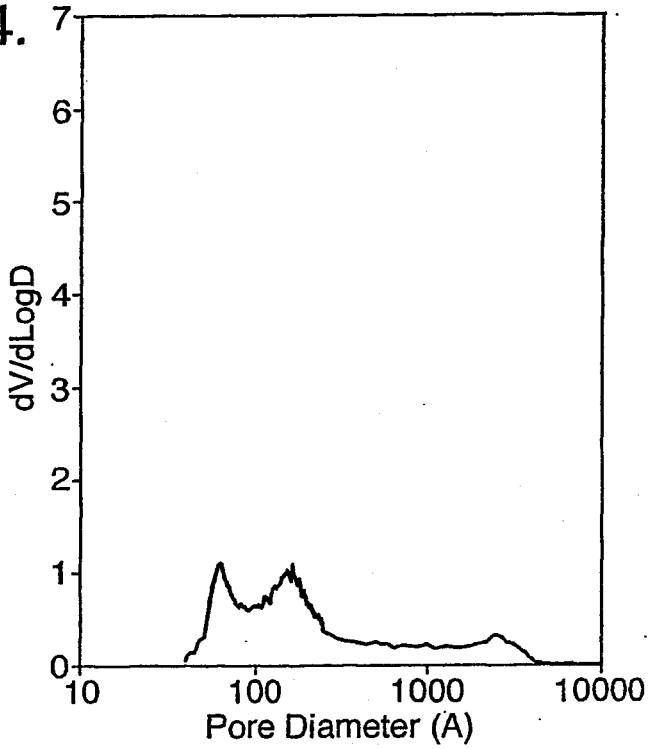

dV/dLogD
0
1
2
3
4
5
6
7
10
100
1000
10000
Pore Diameter (A)

Fig.5.

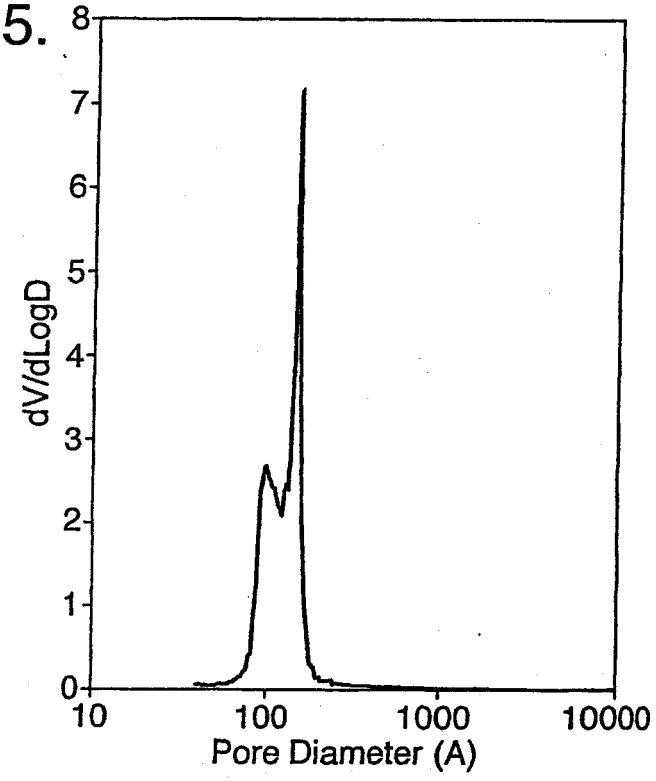

dV/dLogD
0
1
2
3
4
5
6
7
8
10
100
1000
10000
Pore Diameter (A)

Fig.6.

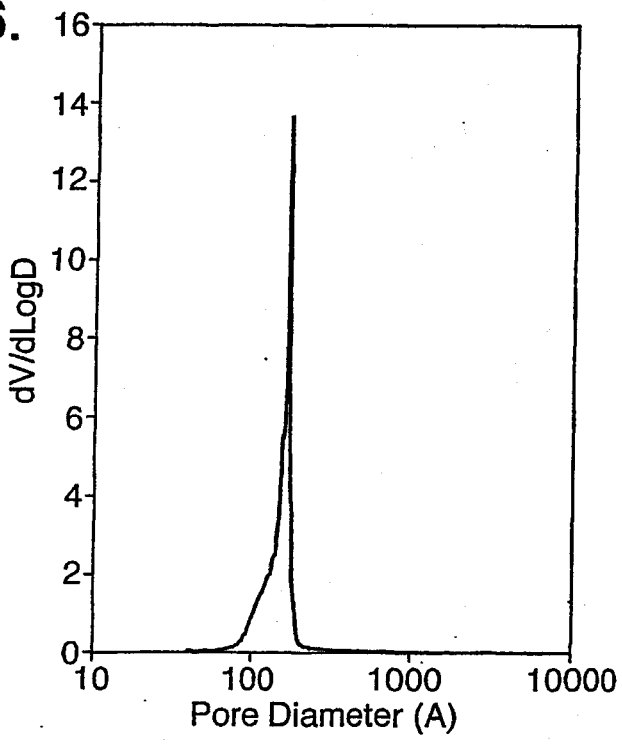

dV/dLogD
0
2
4
6
8
10
12
14
16
10
100
1000
10000
Pore Diameter (A)

Fig.7.

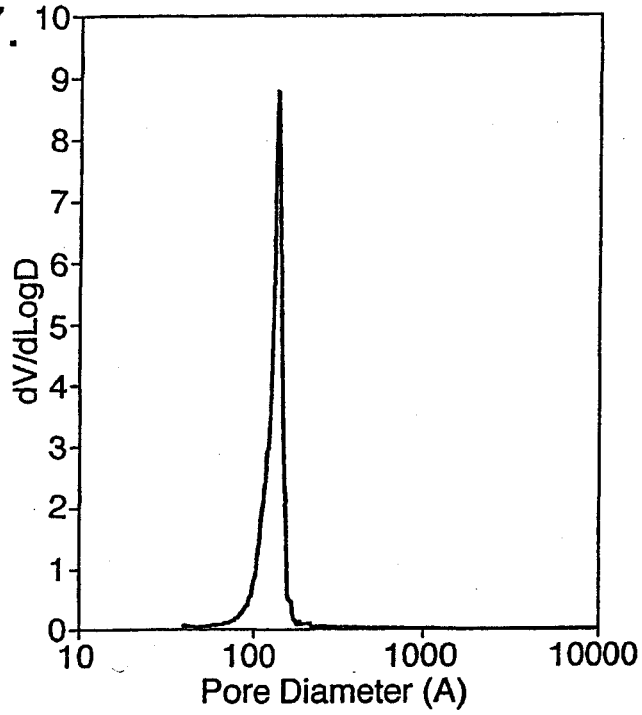

dV/dLogD
0
1
2
3
4
5
6
7
8
9
10
10
100
1000
10000
Pore Diameter (A)

Fig.8.

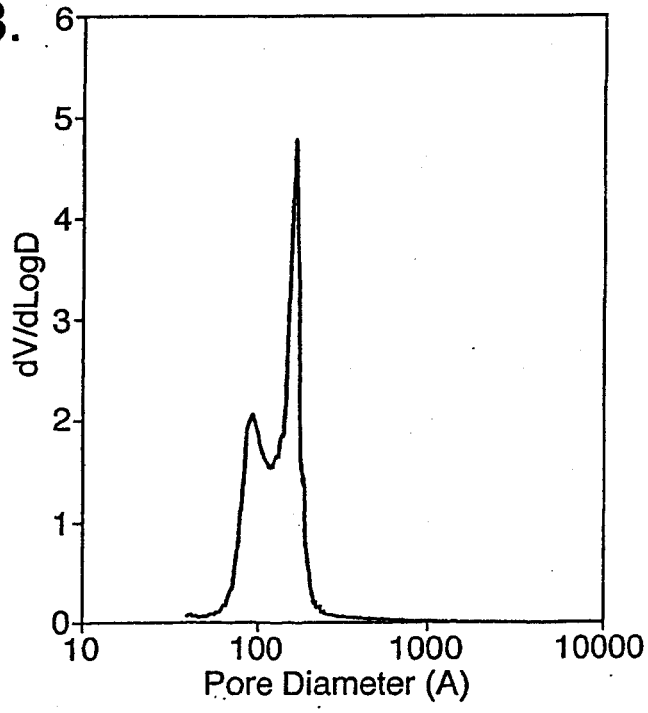
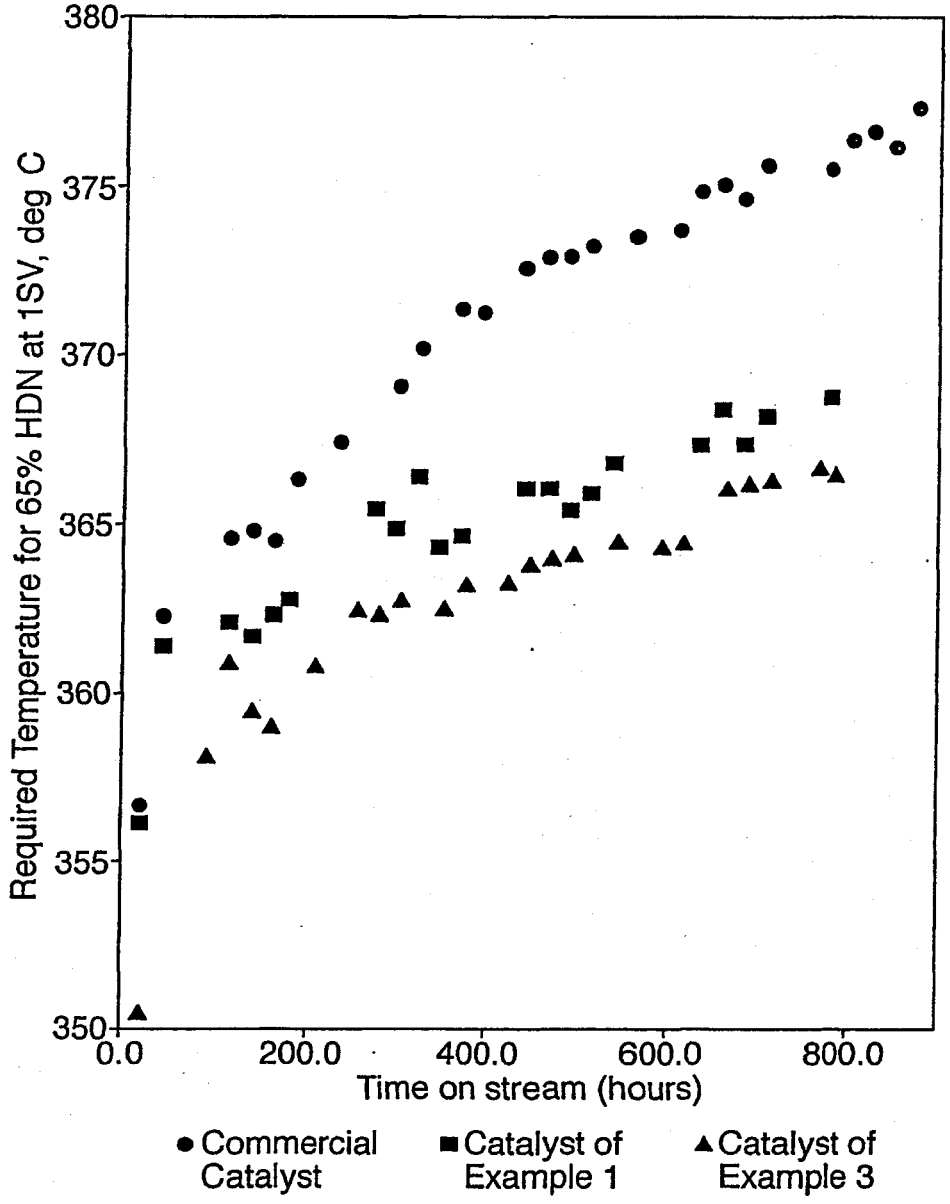

dV/dLogD
0
1
2
3
4
5
6
10
100
1000
10000
Pore Diameter (A)

Fig.9.


380
375
370
365
360
355
350
Required Temperature for 65% HDN at 1SV, deg C
0.0
200.0
400.0
600.0
800.0
Time on stream (hours)
● Commercial Catalyst
■ Catalyst of Example 1
▲ Catalyst of Example 3