

Fig. 1

No.	Lot Number	Peptide Name	Sequence	M.W.	Purity (%)	Amount (mg)	Solubility (0.5mg/ml)
1	K161389	YDE-001	OGQEGLAGPK (O : Hydroxyproline)	969.1	>99.7%	5.0mg 10.0mg	Water
2	K161390	YDE-002	OGQNGLAGPK (O : Hydroxyproline)	954.0	>99.7%	5.0mg 10.0mg	Water
3	K161391	YDE-003	OGQQGLAGPK (O : Hydroxyproline)	968.1	>99.7%	5.0mg 10.0mg	Water
4	K161392	YDE-004	OGQHGLAGPK (O : Hydroxyproline)	977.1	>99.7%	5.0mg 10.0mg	Water
5	K161393	YDE-005	OGQKGLAGPK (O : Hydroxyproline)	968.1	>99.5%	5.0mg 10.0mg	Water
6	K161394	YDE-006	OGQSGLAGPK (O : Hydroxyproline)	927.0	>98.9%	5.0mg 10.0mg	Water
7	K161395	YDE-007	OGQTGLAGPK (O : Hydroxyproline)	941.0	>98.6%	5.0mg 10.0mg	Water
8	K161396	YDE-008	OGQAGLAGPK (O : Hydroxyproline)	911.0	>98.8%	5.0mg 10.0mg	Water
9	K161397	YDE-009	OGQVGLAGPK (O : Hydroxyproline)	939.1	>98.1%	5.0mg 10.0mg	Water
10	K161398	YDE-010	OGQIGLAGPK (O : Hydroxyproline)	953.1	>99.0%	5.0mg 10.0mg	Water
11	K161399	YDE-011	OGQLGLAGPK (O : Hydroxyproline)	953.1	>98.3%	5.0mg 10.0mg	Water
12	K161400	YDE-012	OGQFGLAGPK (O : Hydroxyproline)	987.1	>98.9%	5.0mg 10.0mg	Water
13	K161401	YDE-013	OGQYGLAGPK (O : Hydroxyproline)	1003.1	>98.7%	5.0mg 10.0mg	Water
14	K161402	YDE-014	OGQWGLAGPK (O : Hydroxyproline)	1026.2	>98.5%	5.0mg 10.0mg	Water
15	K161403	YDE-015	OGQDVLGAPK (O : Hydroxyproline)	997.1	>99.1%	5.0mg 10.0mg	Water
16	K161404	YDE-016	OGQDLGAPK (O : Hydroxyproline)	1011.1	>99.4%	5.0mg 10.0mg	Water
17	K161405	YDE-017	OGQDLGAPK (O : Hydroxyproline)	1011.1	>98.0%	5.0mg 10.0mg	Water
18	K161406	YDE-018	OGQDALGAPK (O : Hydroxyproline)	969.1	>99.6%	5.0mg 10.0mg	Water
19	K161407	YDE-019	OGQDLGAPK (O : Hydroxyproline)	1045.2	>99.6%	5.0mg 10.0mg	Water
20	K161408	YDE-020	OGQDYLAPK (O : Hydroxyproline)	1061.2	>99.2%	5.0mg 10.0mg	Water
21	K161409	YDE-021	OGQDWLAGPK (O : Hydroxyproline)	1084.2	>98.1%	5.0mg 10.0mg	Water
22	K161410	YDE-022	OGQDHLGAPK (O : Hydroxyproline)	1035.1	>98.3%	5.0mg 10.0mg	Water
23	K161411	YDE-023	OGQDSLAPK (O : Hydroxyproline)	985.1	>96.1%	5.0mg 10.0mg	Water
24	K161412	YDE-024	OGQDTLAPK (O : Hydroxyproline)	999.1	>98.9%	5.0mg 10.0mg	Water
25	K161413	YDE-025	OGQD-Sar-LAGPK (Sar : me-Gly) (O : Hydroxyproline)	969.1	>95%	5.0mg 10.0mg	Water
26	K161414	YDE-026	OGQS*GLAGPK (S* : homo-Ser) (O : Hydroxyproline)	941.1	>95%	5.0mg 10.0mg	Water
27	K161415	YDE-027	OGQD*GLAGPK (D* : D(OMe)) (O : Hydroxyproline)	969.1	>95%	5.0mg 10.0mg	Water
28	K161416	YDE-028	OGQN*GLAGPK (N* : N(Me)) (O : Hydroxyproline)	968.1	>95%	5.0mg 10.0mg	Water

Fig. 2

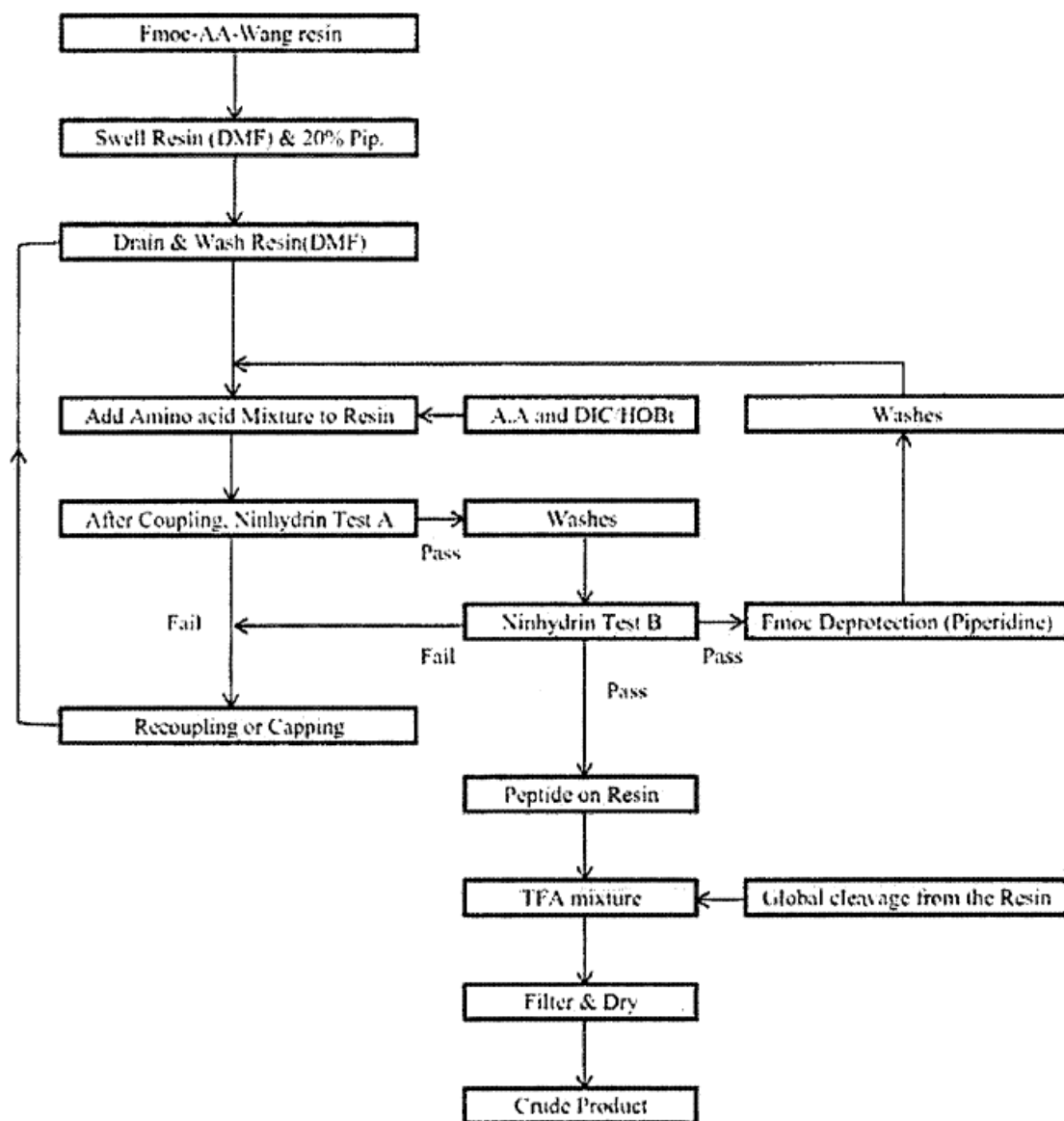


Fig. 3

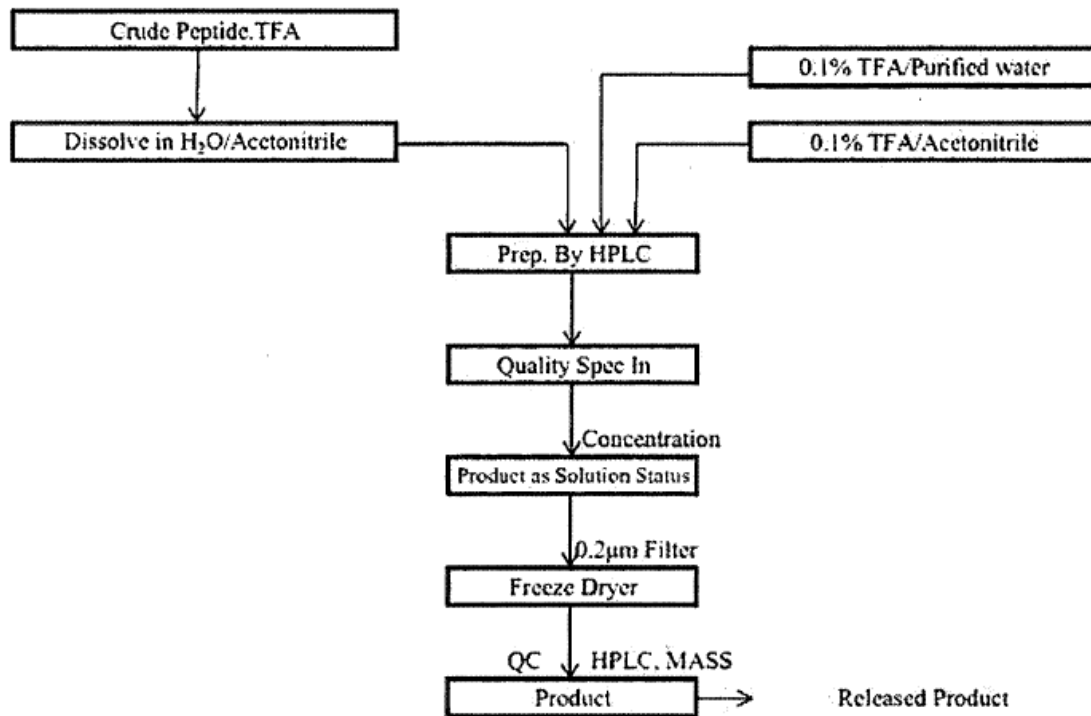
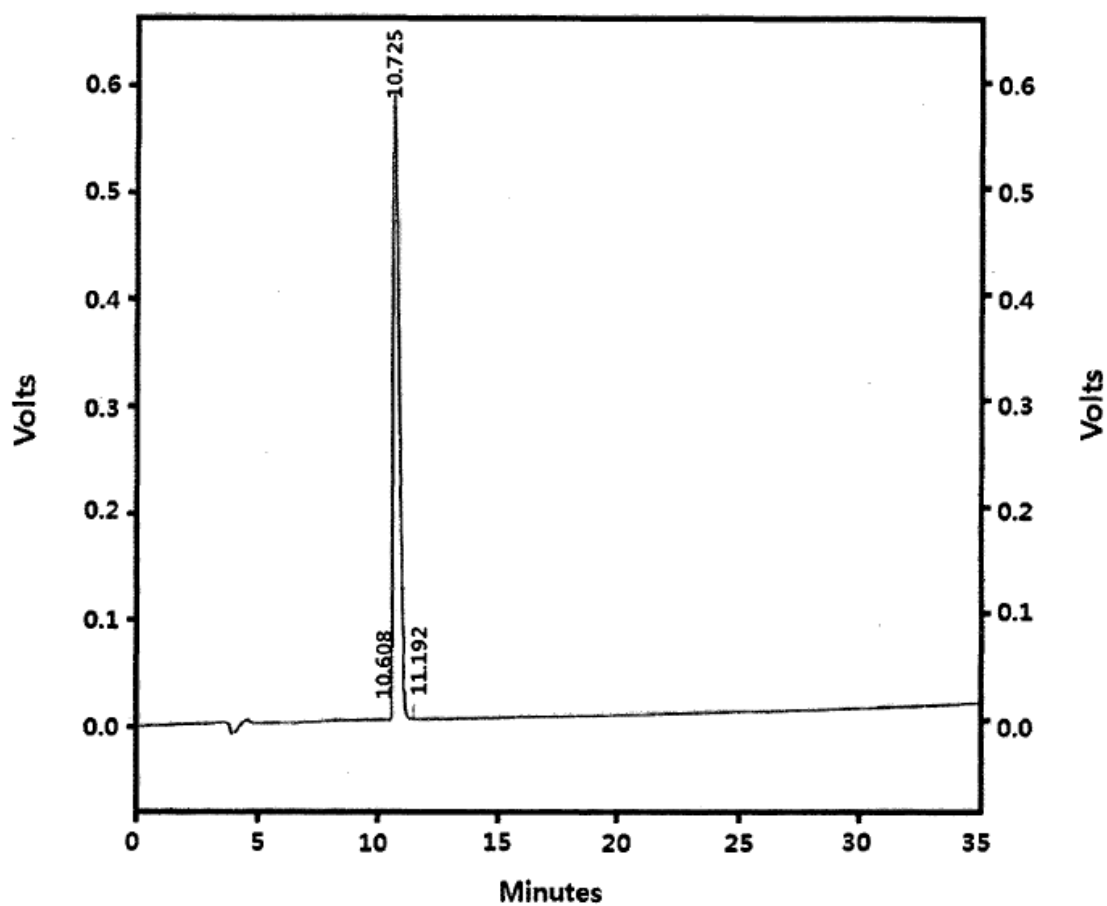


Fig. 4

Shimadzu CLASS-VP V6.14 SP1 manual

Area % Report

Sample ID : K161389 (YDE-001)



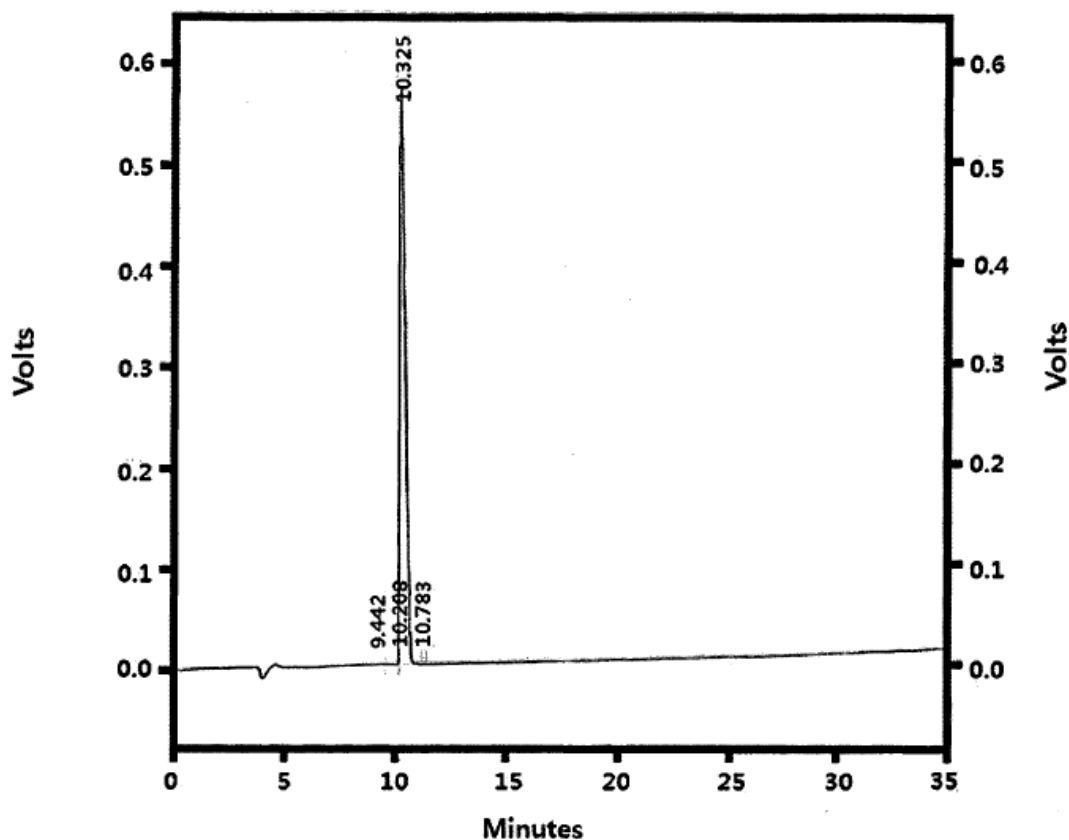
Detector A				
(230nm)				
	Pk #	Retention Time	Area	Area %
	1	10.608	783	0.008
	2	10.725	10120624	99.730
	3	11.192	26596	0.262
Totals			10148003	100.000

Fig. 5

Shimadzu CLASS-VP V6.14 SP1 manual

Area % Report

Sample ID : K161390 (YDE-002)



Detector A

(230nm)

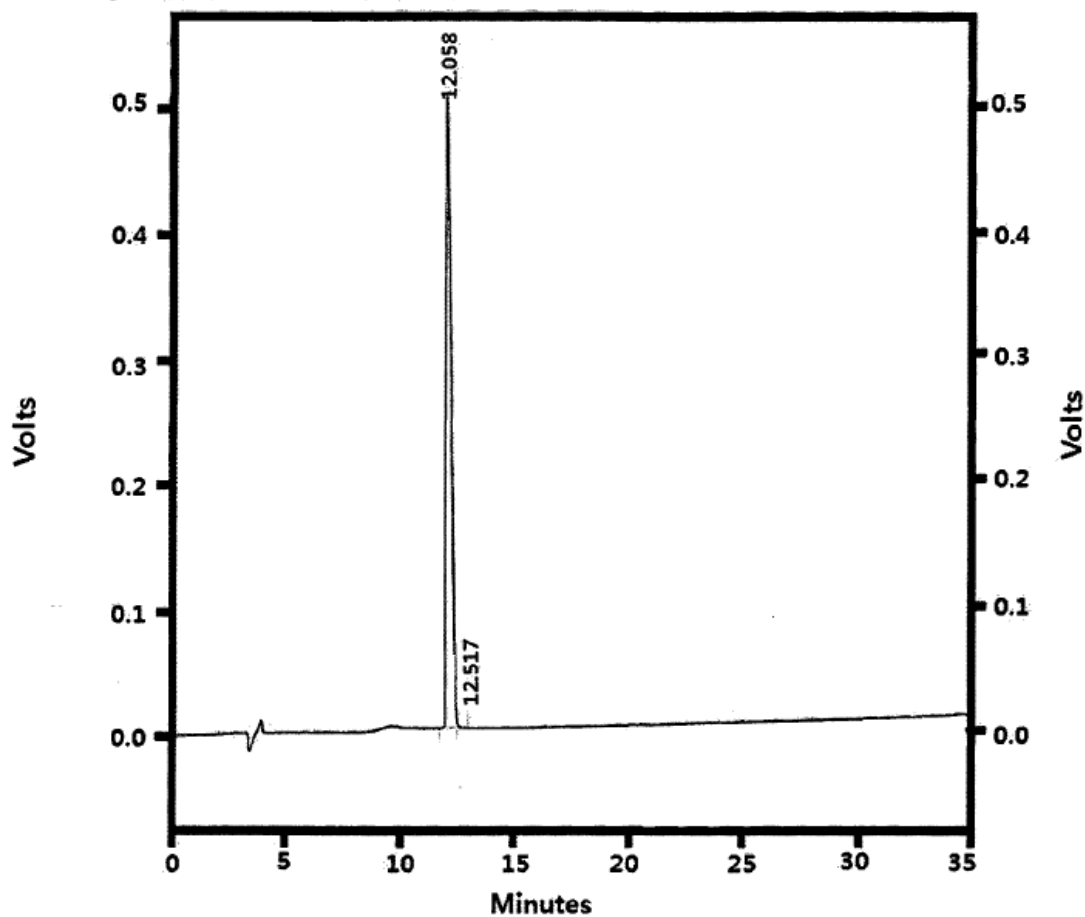
Pk #	Retention Time	Area	Area %
1	9.442	290	0.003
2	10.208	456	0.005
3	10.325	9921099	99.715
4	10.783	27655	0.278
Totals		9949500	100.000

Fig. 6

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K161391 (YDE-003)



Detector A

(230nm)

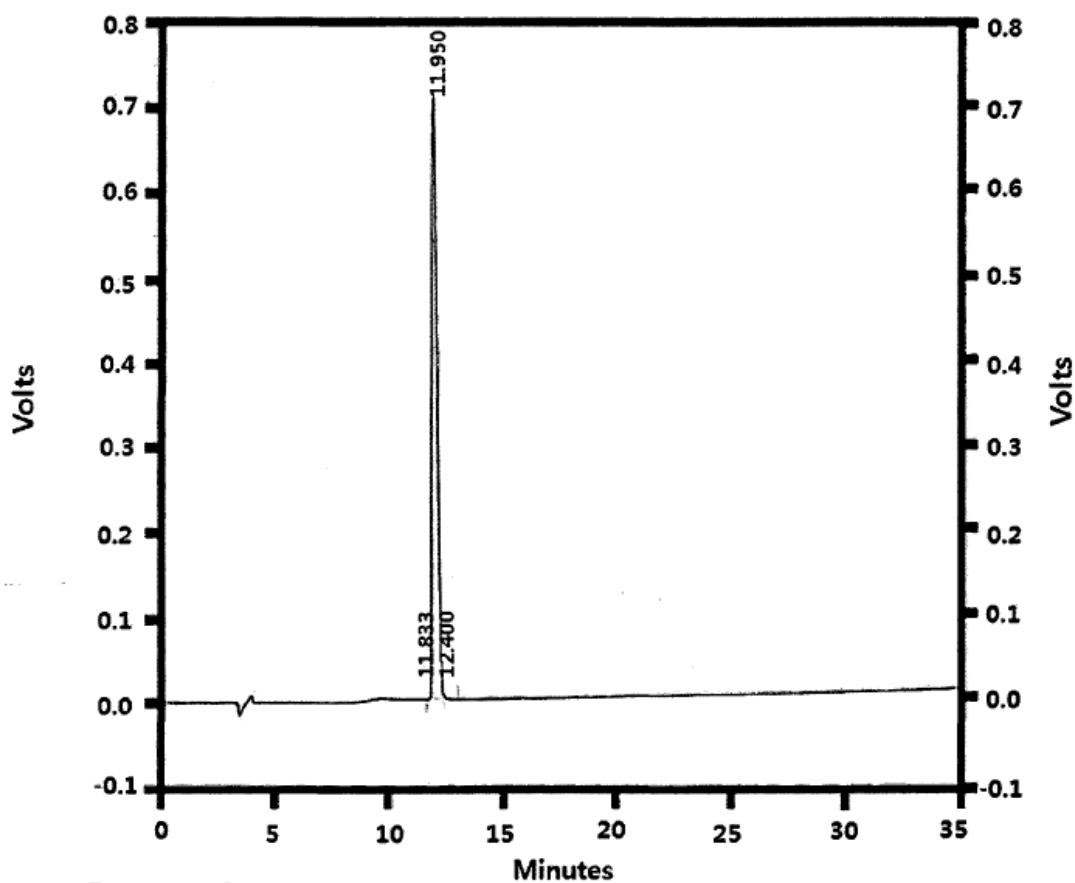
Pk #	Retention Time	Area	Area %
1	12.058	7863599	99.774
2	12.517	17816	0.226
Totals		7881415	100.000

Fig. 7

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K161392 (YDE-004)



Detector A
(230nm)

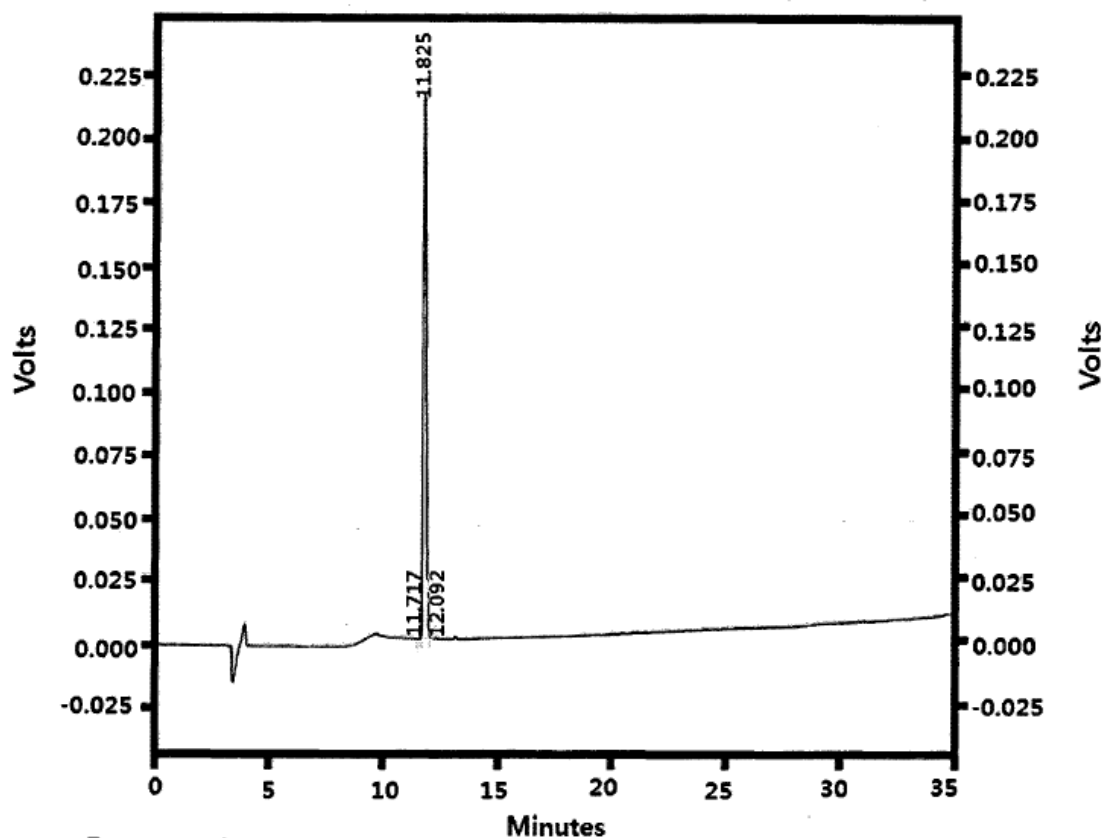
Pk #	Retention Time	Area	Area %
1	11.833	4175	0.038
2	11.950	10864330	99.735
3	12.400	24696	0.227
Totals		10893201	100.000

Fig. 8

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K161393 (YDE-005)

Detector A
(230nm)

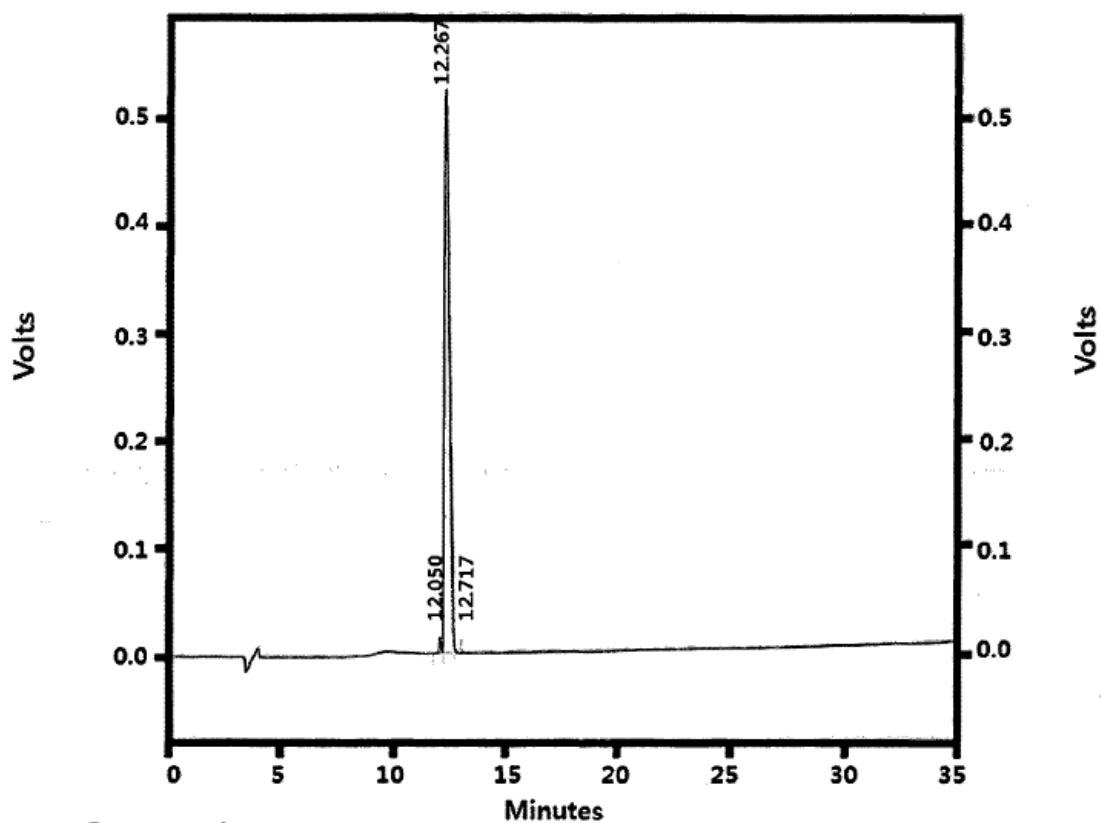
Pk #	Retention Time	Area	Area %
1	11.717	2003	0.102
2	11.825	1950157	99.552
3	12.092	6778	0.346
Totals		1958938	100.000

Fig. 9

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K161394 (YDE-006)

Detector A
(230nm)

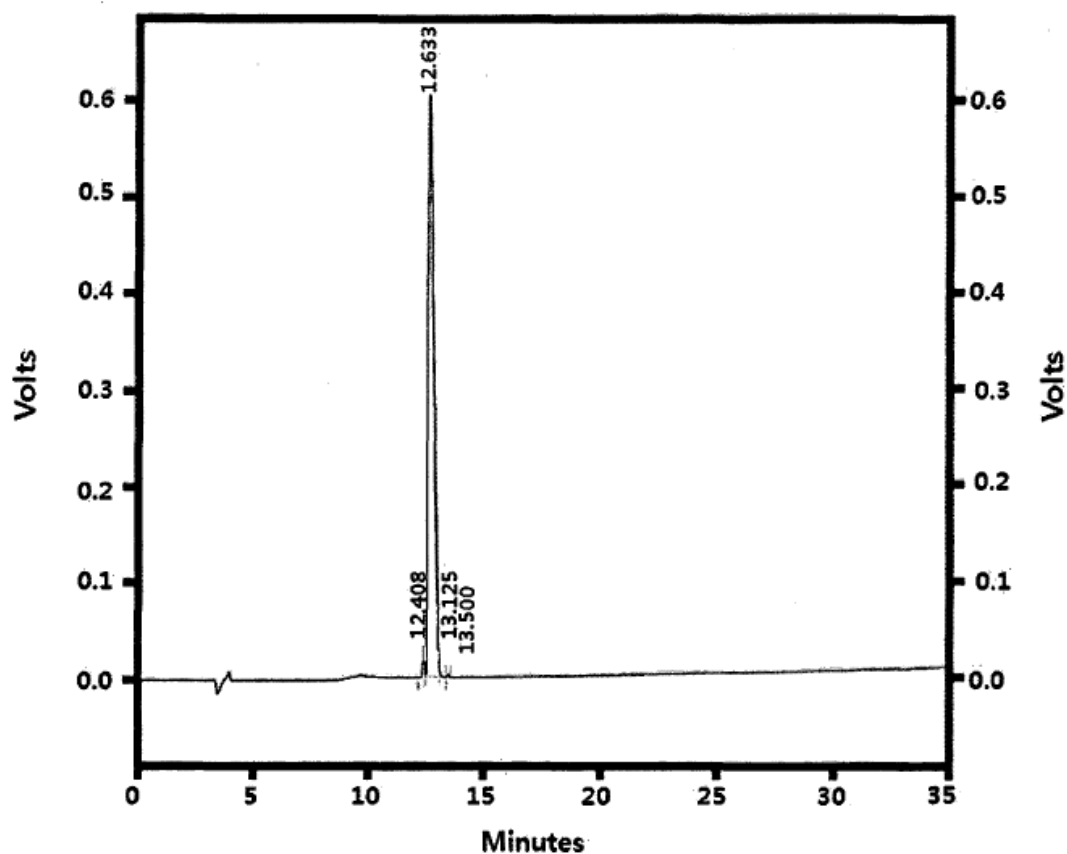
Pk #	Retention Time	Area	Area %
1	12.050	78741	0.961
2	12.267	8100790	98.903
3	12.717	11116	0.136
Totals		8190647	100.000

Fig. 10

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K161395 (YDE-007)



Detector A

(230nm) Pk #

Retention Time

Area

Area %

1	12.408	171422	1.618
2	12.633	10390868	98.067
3	13.125	18102	0.171
4	13.500	15280	0.144

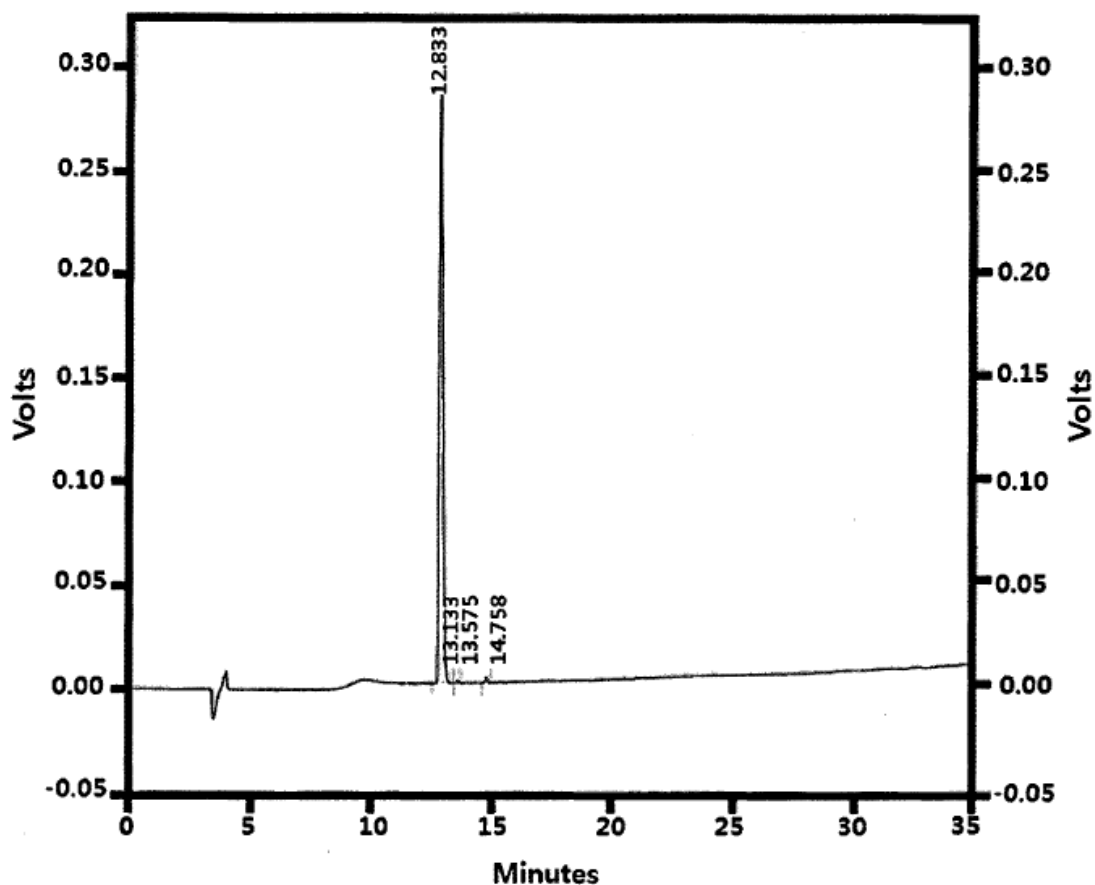
Totals		10595672	100.000
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Fig. 11

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K161396 (YDE-008)



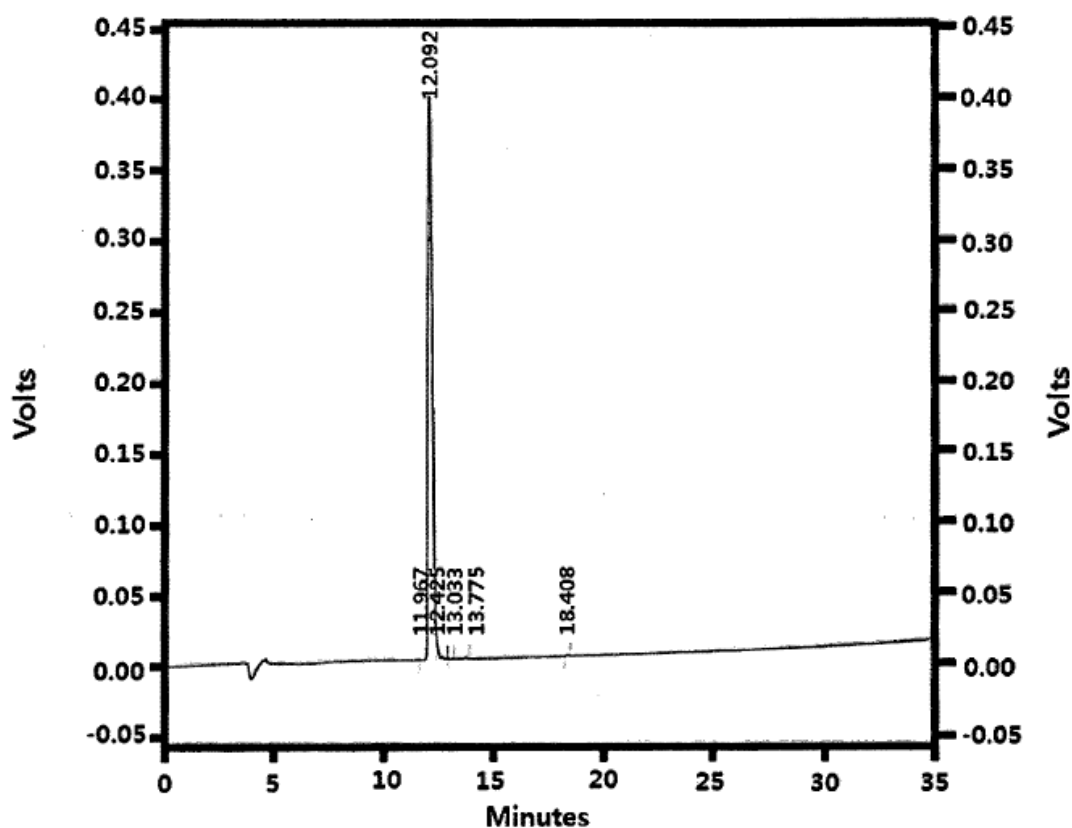
Detector A				
(230nm)	Pk #	Retention Time	Area	Area %
	1	12.833	2920911	98.891
	2	13.133	11156	0.378
	3	13.575	6889	0.233
	4	14.758	14724	0.498
Totals			2953680	100.000

Fig. 12

Shimadzu CLASS-VP V6.14 SP1 manual

Area % Report

Sample ID : K161397 (YDE-009)



Detector A

(230nm) Pk #

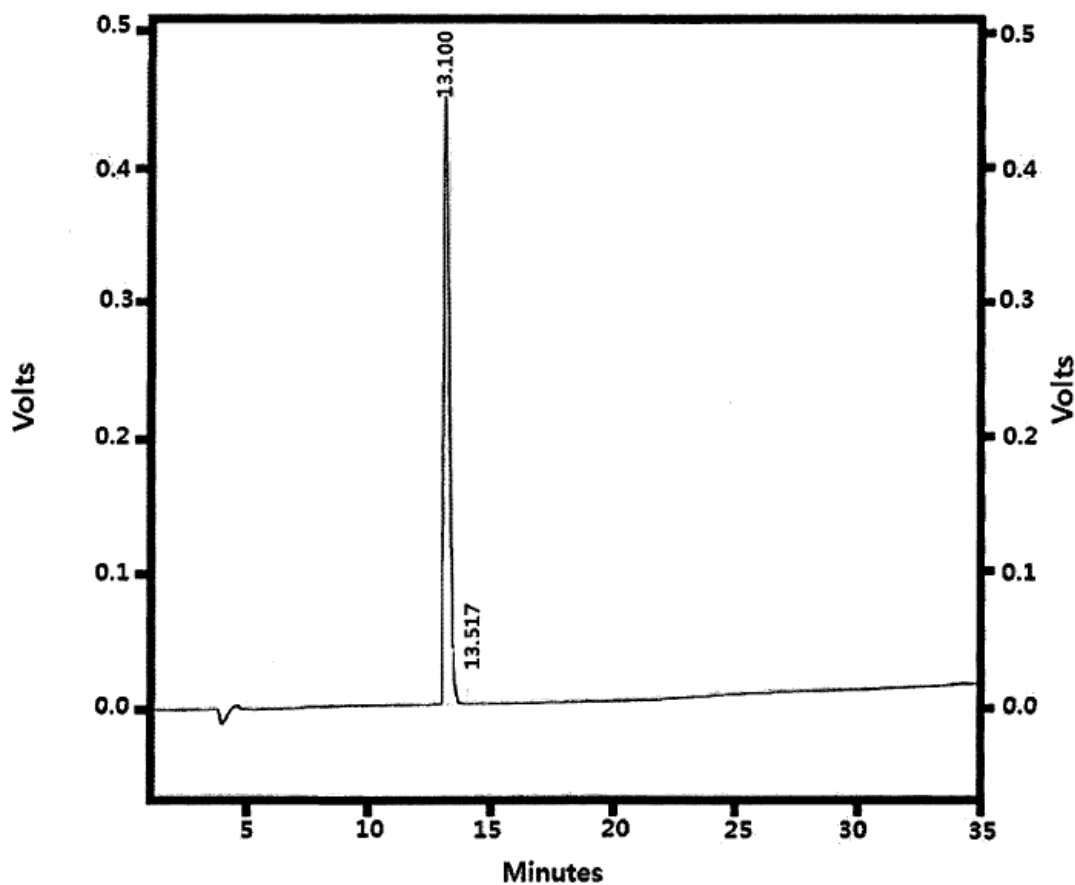
Pk #	Retention Time	Area	Area %
1	11.967	1118	0.020
2	12.092	5394758	98.184
3	12.425	87049	1.584
4	13.033	706	0.013
5	13.775	5416	0.099
6	18.408	5476	0.100
Totals		5494523	100.000

Fig. 13

Shimadzu CLASS-VP V6.14 SP1 MANUAL

Area % Report

Sample ID : K161398 (YDE-010)



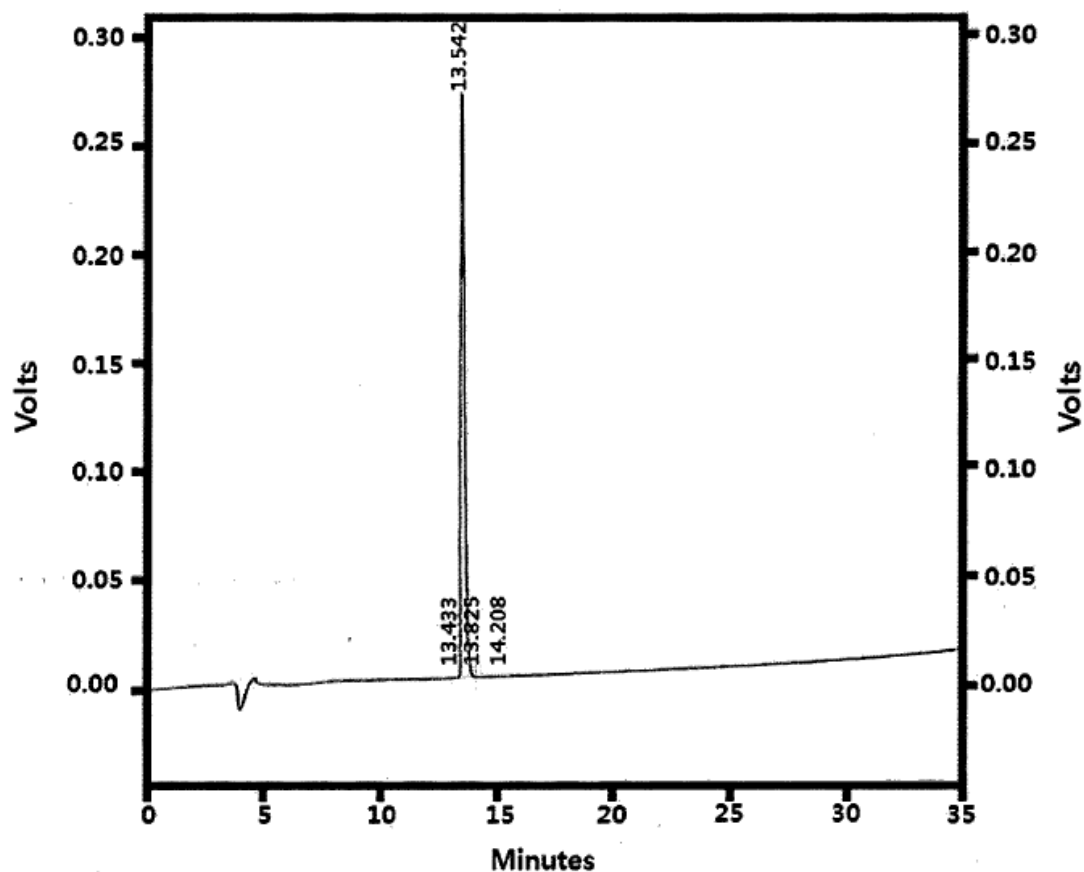
Detector A				
(230nm)				
	Pk #	Retention Time	Area	Area %
	1	13.100	6966383	99.047
	2	13.517	67028	0.953
Totals			7033411	100.000

Fig. 14

Shimadzu CLASS-VP V6.14 SP1 manual

Area % Report

Sample ID : K161399 (YDE-011)



Detector A

(230nm) Pk #

Retention Time

Area

Area %

1	13.433	857	0.027
2	13.542	3082773	98.389
3	13.825	48609	1.551
4	14.208	1010	0.032

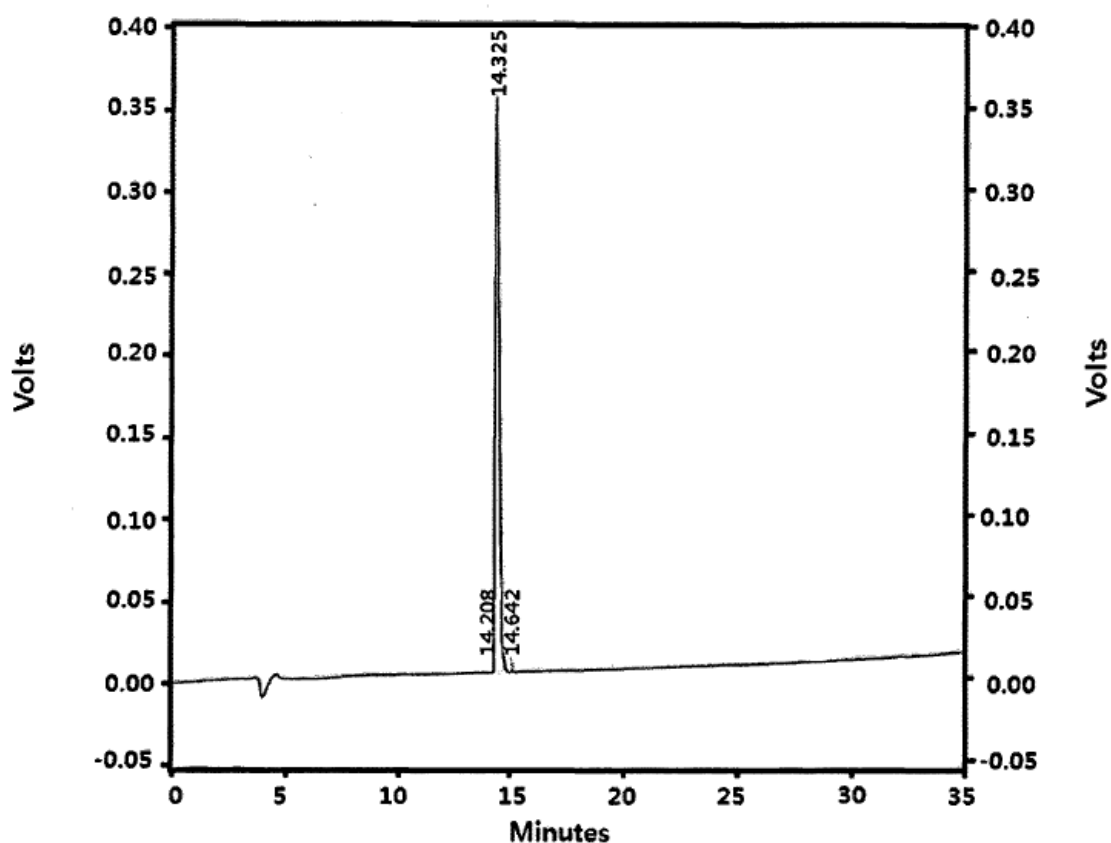
Totals		3133249	100.000
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Fig. 15

Shimadzu CLASS-VP V6.14 SP1 manual

Area % Report

Sample ID : K161400 (YDE-012)



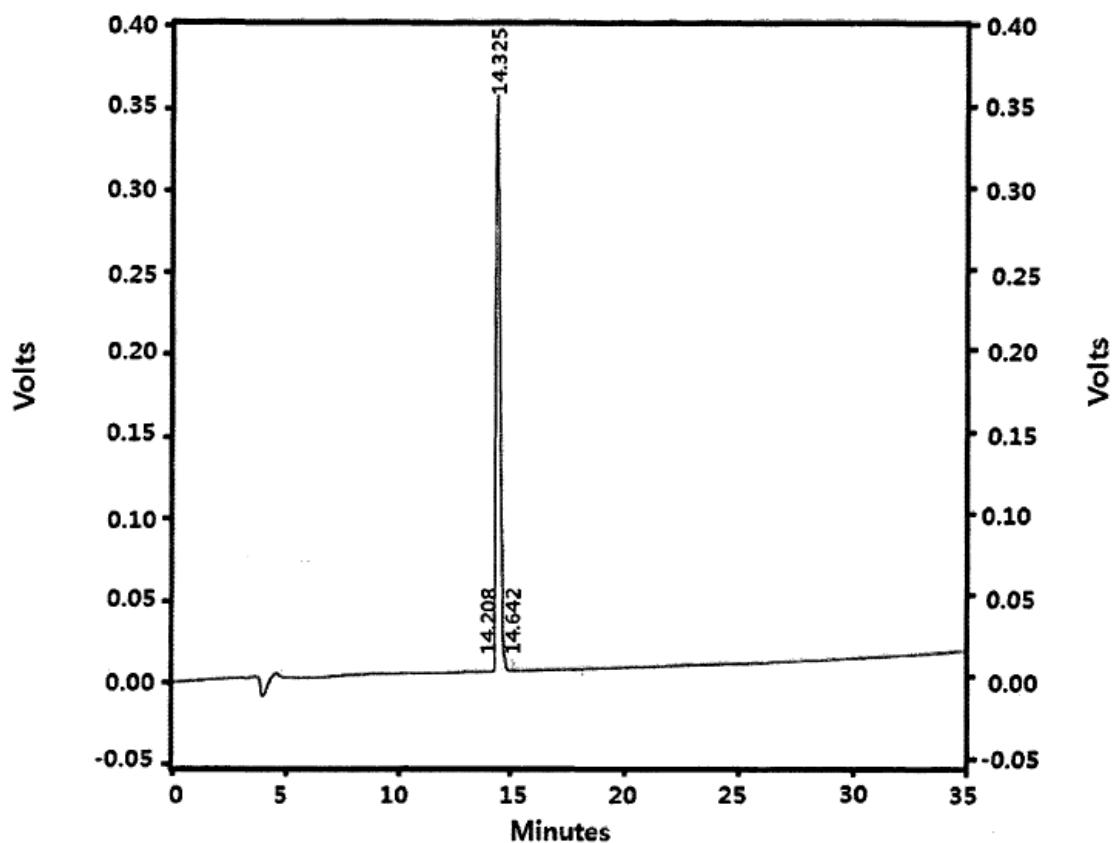
Detector A				
(230nm)				
	Pk #	Retention Time	Area	Area %
	1	14.208	534	0.012
	2	14.325	4465205	98.962
	3	14.642	46297	1.026
Totals			4512036	100.000

Fig. 16

Shimadzu CLASS-VP V6.14 SP1 manual

Area % Report

Sample ID : K161400 (YDE-012)



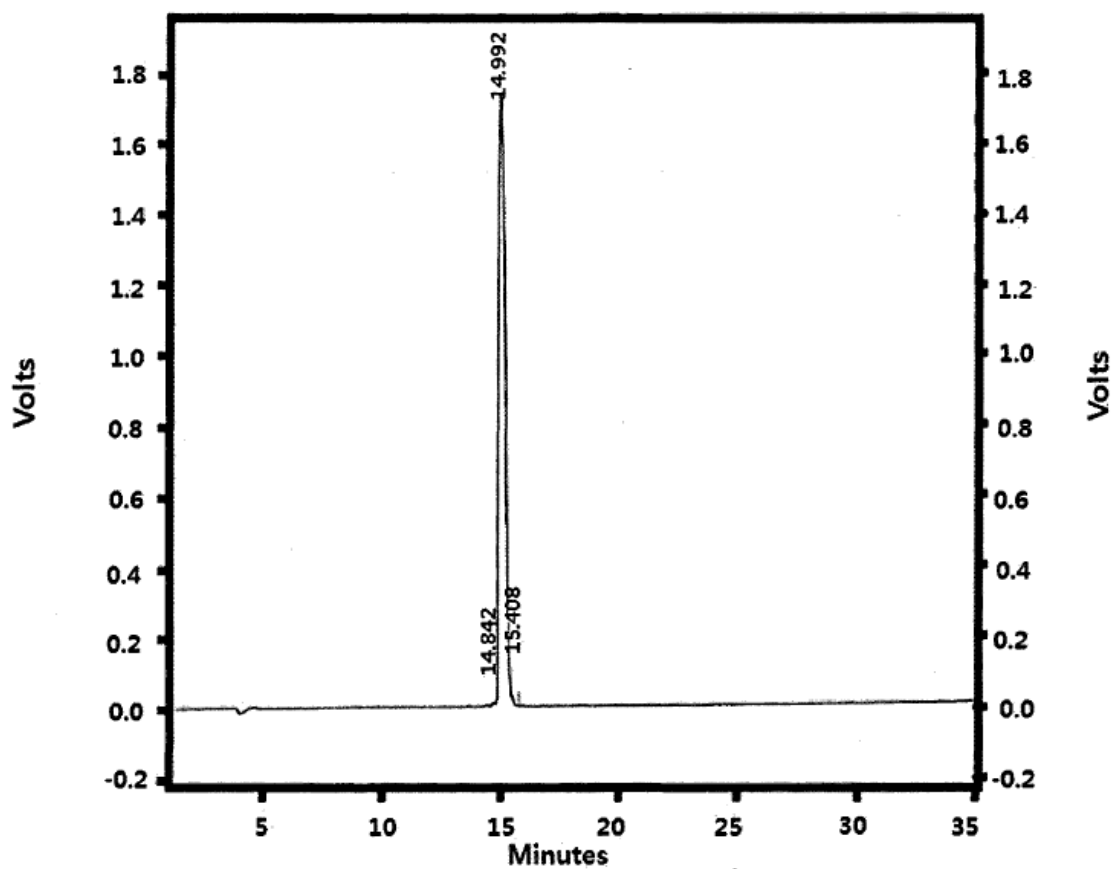
Detector A

(230nm)

Pk #	Retention Time	Area	Area %
1	14.208	534	0.012
2	14.325	4465205	98.962
3	14.642	46297	1.026
Totals		4512036	100.000

Fig. 17

Sample ID : K161402 (YDE-014)



Detector A

(230nm)

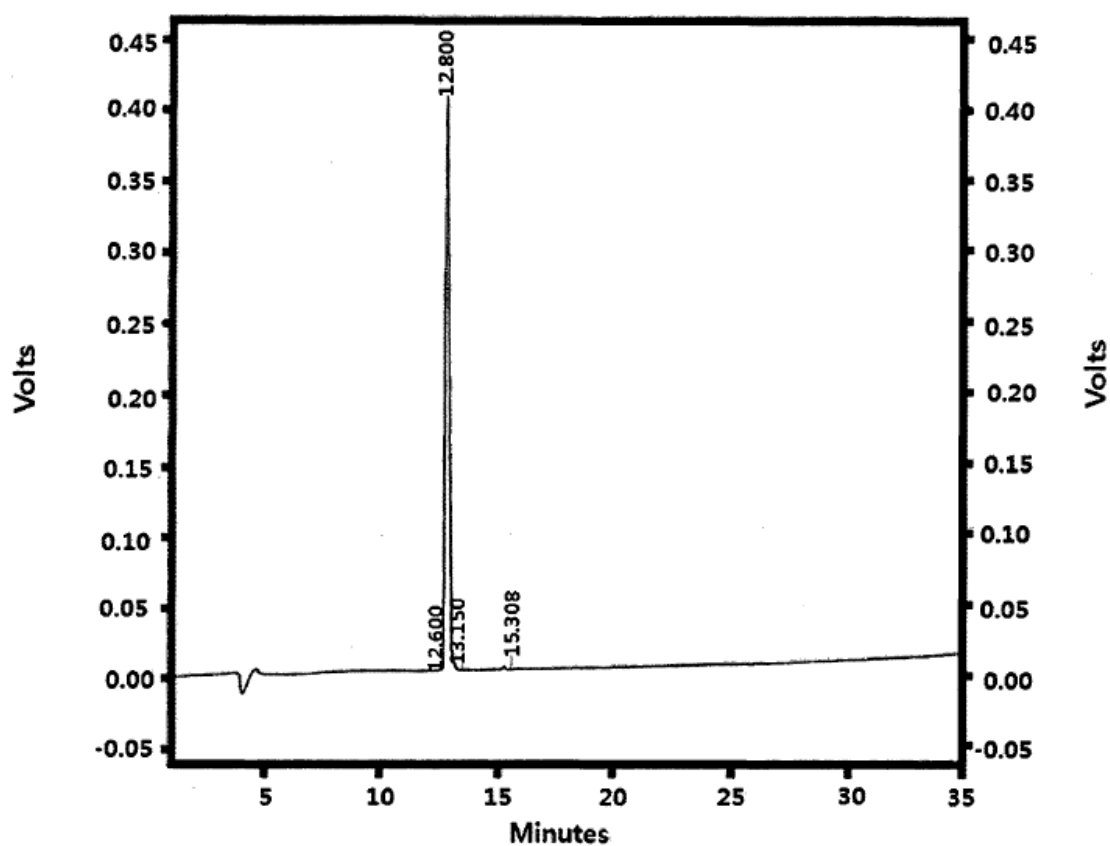
Pk #	Retention Time	Area	Area %
1	14.842	78055	0.241
2	14.992	31942847	98.537
3	15.408	396165	1.222
Totals		32417067	100.000

Fig. 18

Shimadzu CLASS-VP V6.14 SP1 MANUAL

Area % Report

Sample ID : K161403 (YDE-015)



Detector A

(230nm)

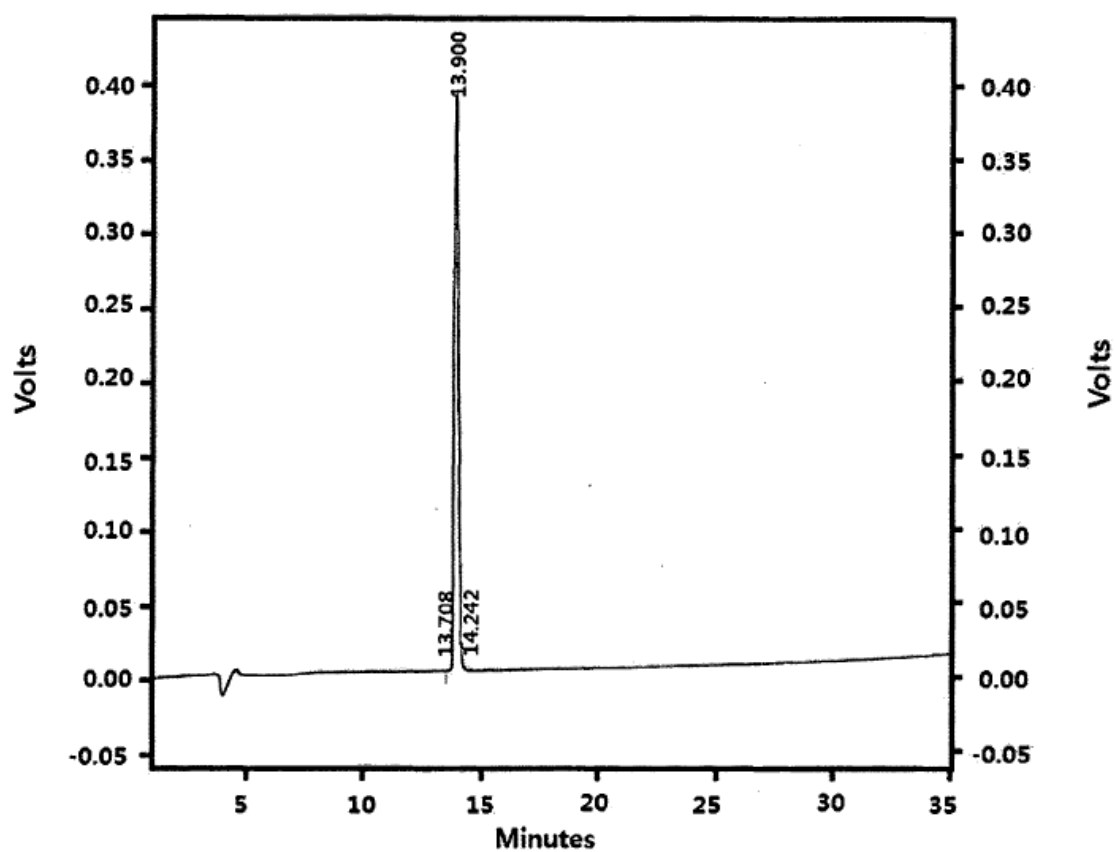
Pk #	Retention Time	Area	Area %
1	12.600	3628	0.074
2	12.800	4859852	99.167
3	13.150	23016	0.470
4	15.308	14170	0.289
Totals		4900666	100.000

Fig. 19

Shimadzu CLASS-VP V6.14 SP1 MANUAL

Area % Report

Sample ID : K161404 (YDE-016)



Detector A
(230nm)

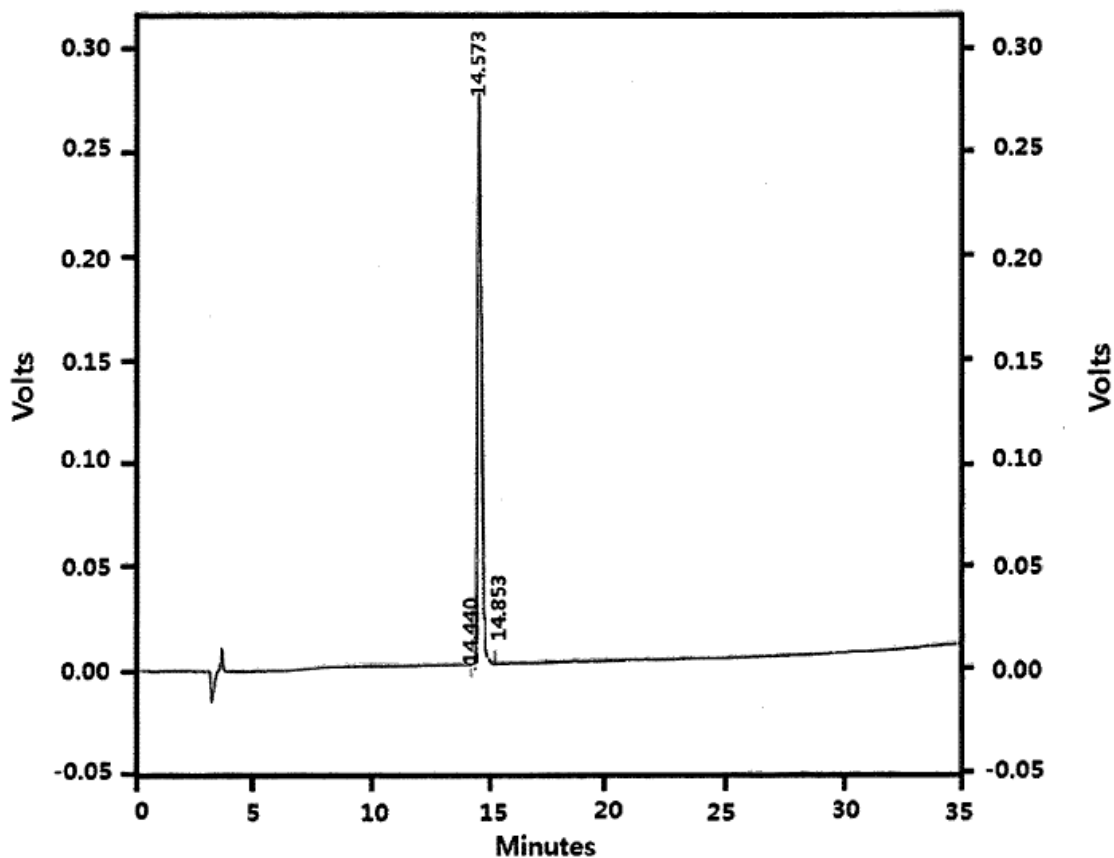
Pk #	Retention Time	Area	Area %
1	13.708	6002	0.126
2	13.900	4752700	99.407
3	14.242	22362	0.468
Totals		4781064	100.000

Fig. 20

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K161405 (YDE-017)



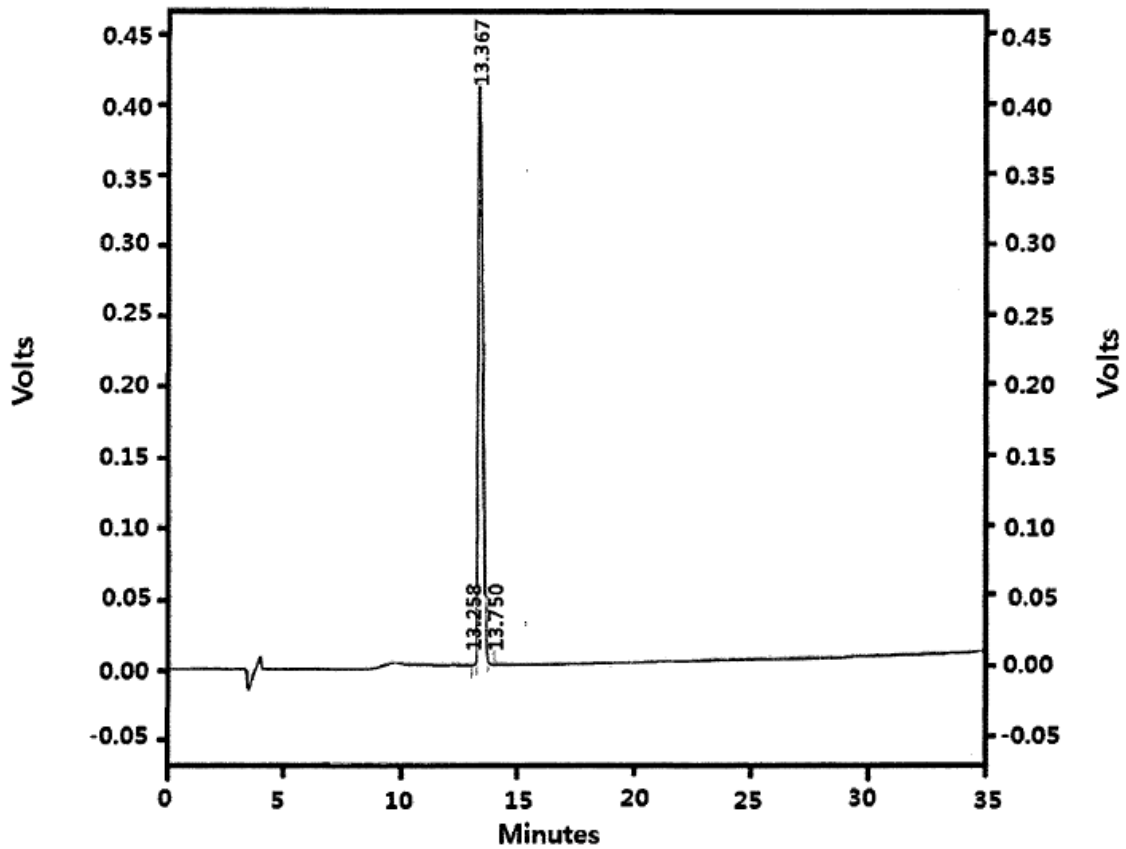
Detector A (230nm)				
Pk #	Retention Time	Area	Area %	
1	14.440	5413	0.163	
2	14.573	3259531	98.058	
3	14.853	59145	1.779	
Totals		3324089	100.000	

Fig. 21

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K161406 (YDE-018)



Detector A

(230nm)

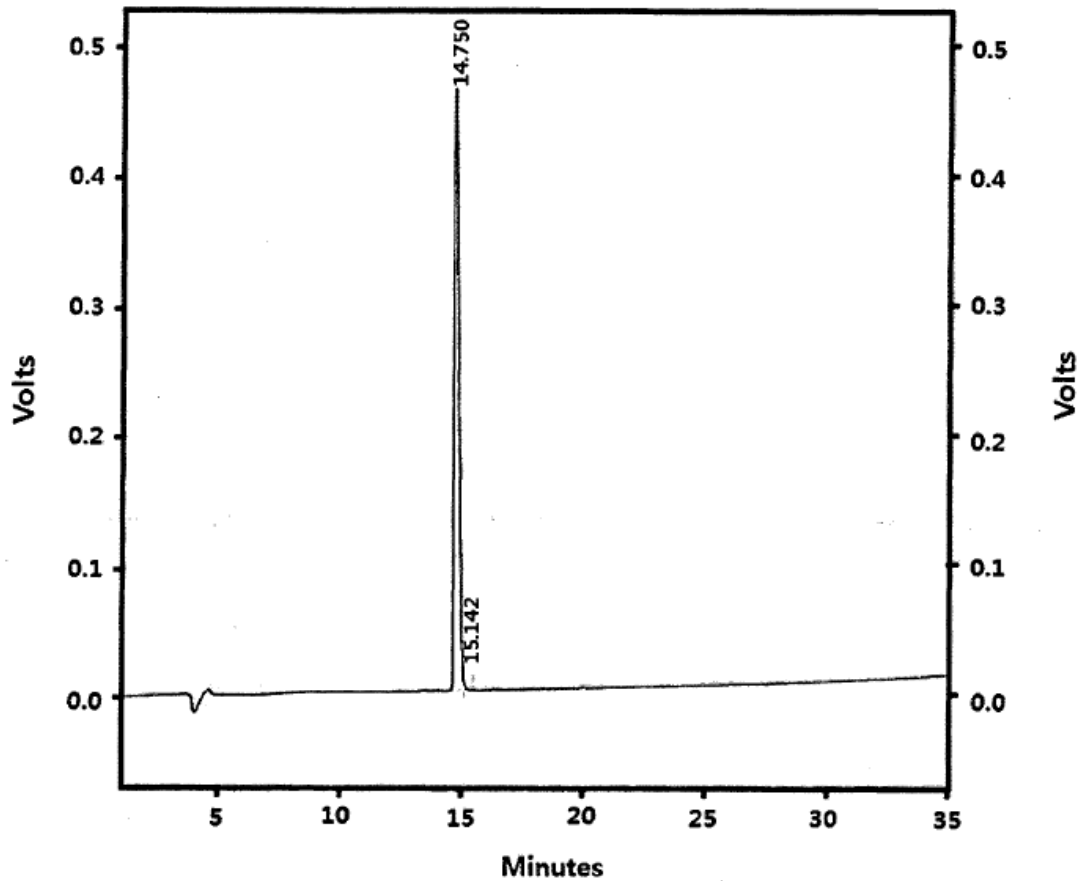
Pk #	Retention Time	Area	Area %
1	13.258	4690	0.089
2	13.367	5263105	99.679
3	13.750	12277	0.233
Totals		5280072	100.000

Fig. 22

Shimadzu CLASS-VP V6.14 SP1 MANUAL

Area % Report

Sample ID : K161407 (YDE-019)



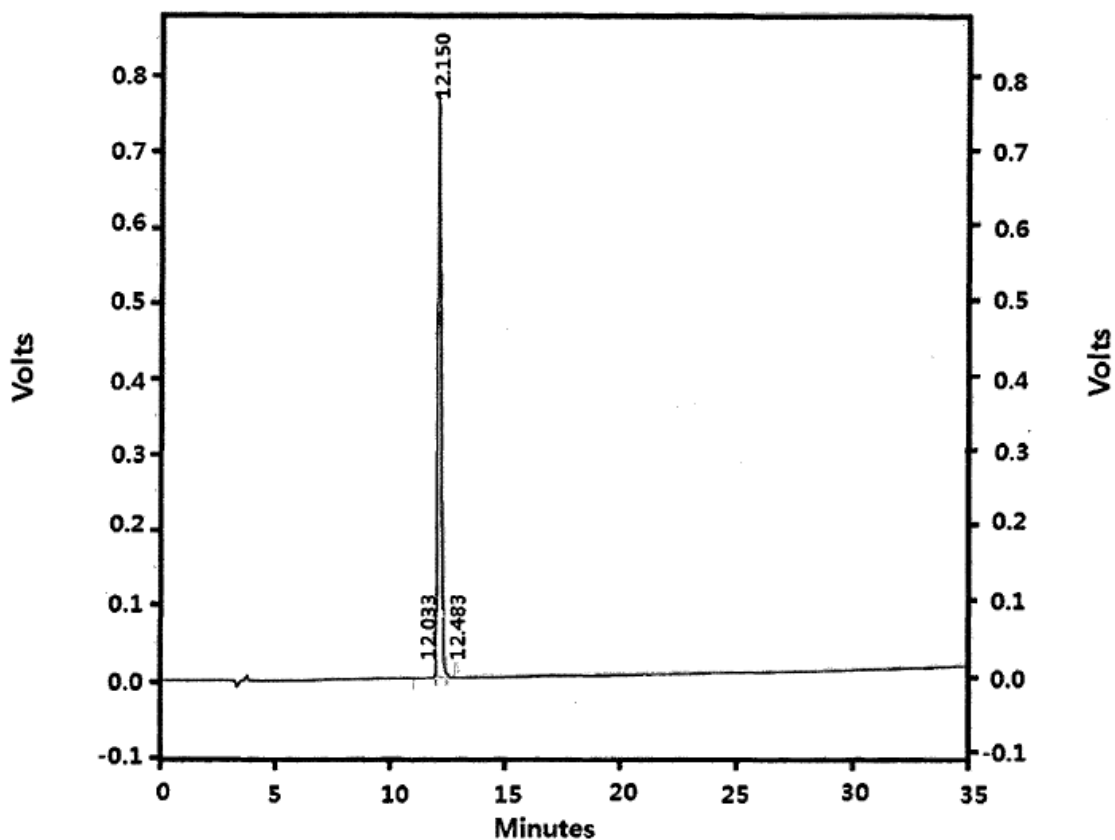
Detector A (230nm)		Pk #	Retention Time	Area	Area %
		1	14.750	6335299	99.670
		2	15.142	20958	0.330
Totals				6356257	100.000

Fig. 23

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K161408 (YDE-020)



Detector A

(230nm)

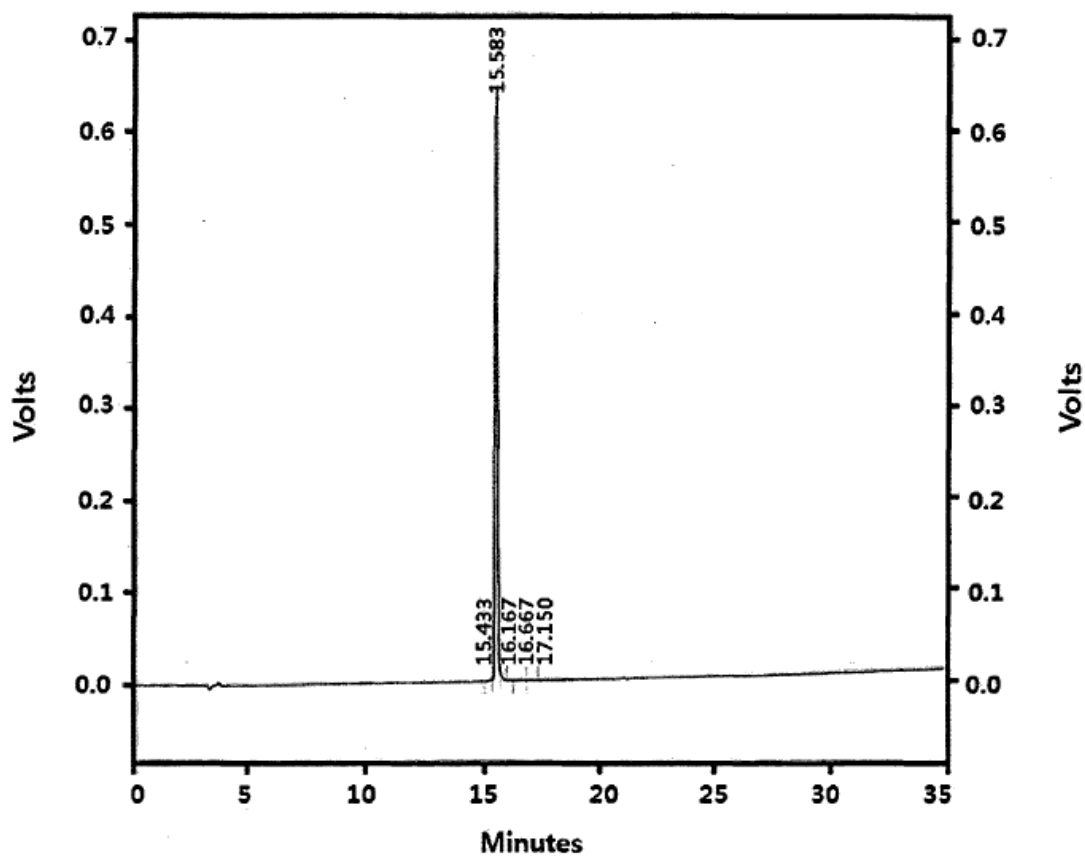
Pk #	Retention Time	Area	Area %
1	12.033	23465	0.300
2	12.150	7757581	99.214
3	12.483	38002	0.486
Totals		7819048	100.000

Fig. 24

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K161409 (YDE-021)



Detector A

(230nm) Pk #

Retention Time

Area

Area %

1

15.433

12207

0.250

2

15.583

4793036

98.162

3

16.167

61475

1.259

4

16.667

8052

0.165

5

17.150

8010

0.164

Totals

4882780

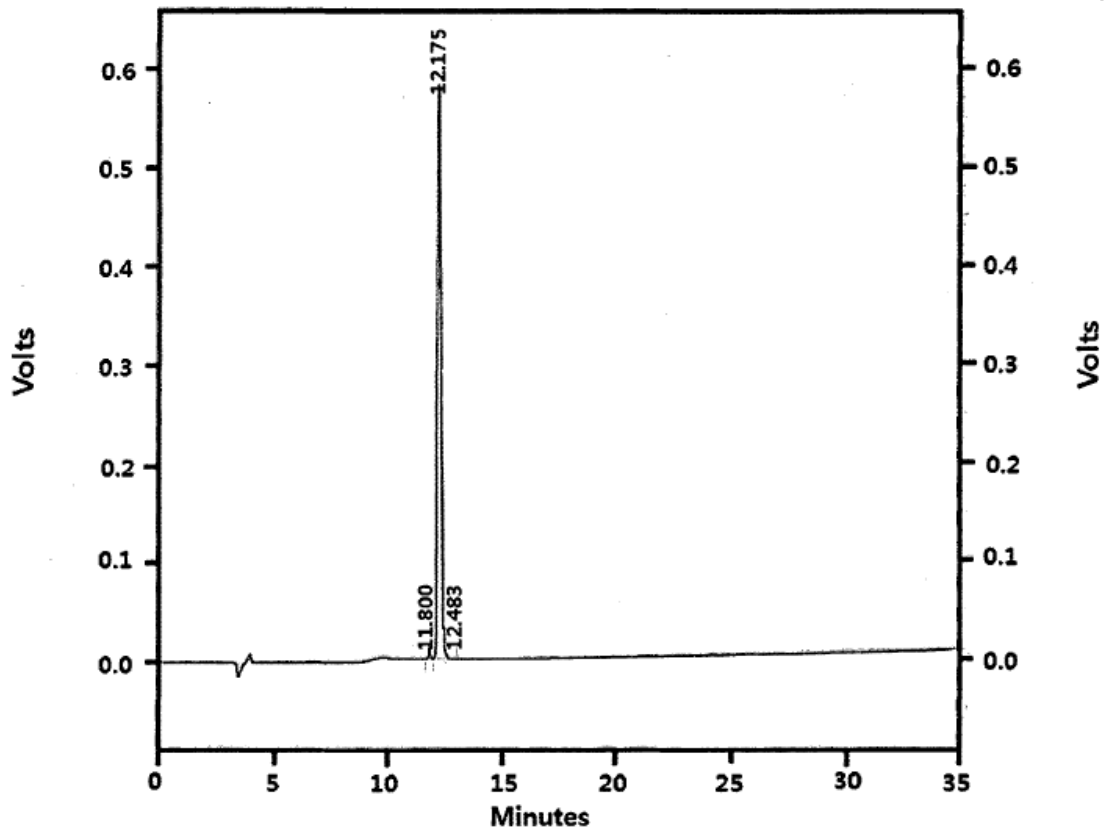
100.000

Fig. 25

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K161410 (YDE-022)



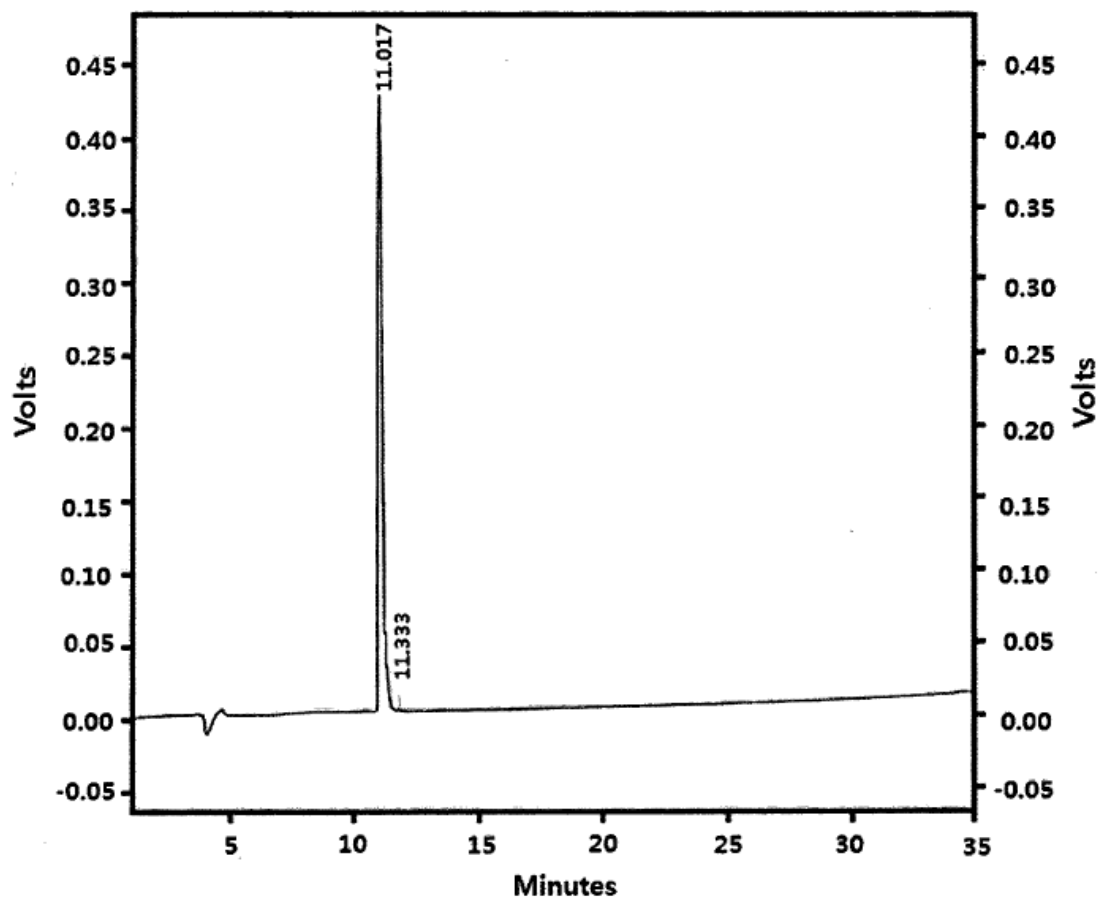
Detector A				
(230nm)	Pk #	Retention Time	Area	Area %
	1	11.800	67819	1.041
	2	12.175	6405639	98.306
	3	12.483	42551	0.653
Totals			6516009	100.000

Fig. 26

Shimadzu CLASS-VP V6.14 SP1 MANUAL

Area % Report

Sample ID : K161411 (YDE-023)



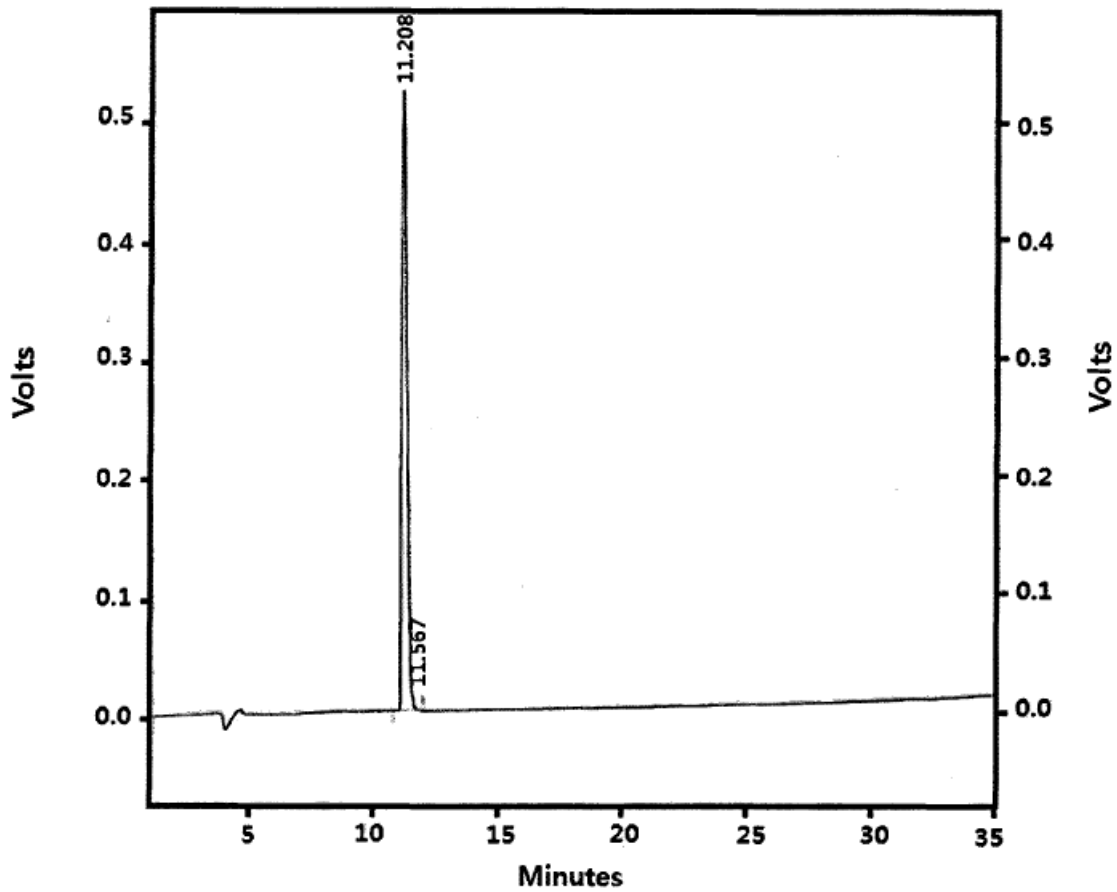
Detector A (230nm)				
Pk #	Retention Time	Area	Area %	
1	11.017	5051126	96.145	
2	11.333	202520	3.855	
Totals		5253646	100.000	

Fig. 27

Shimadzu CLASS-VP V6.14 SP1 MANUAL

Area % Report

Sample ID : K161412 (YDE-024)



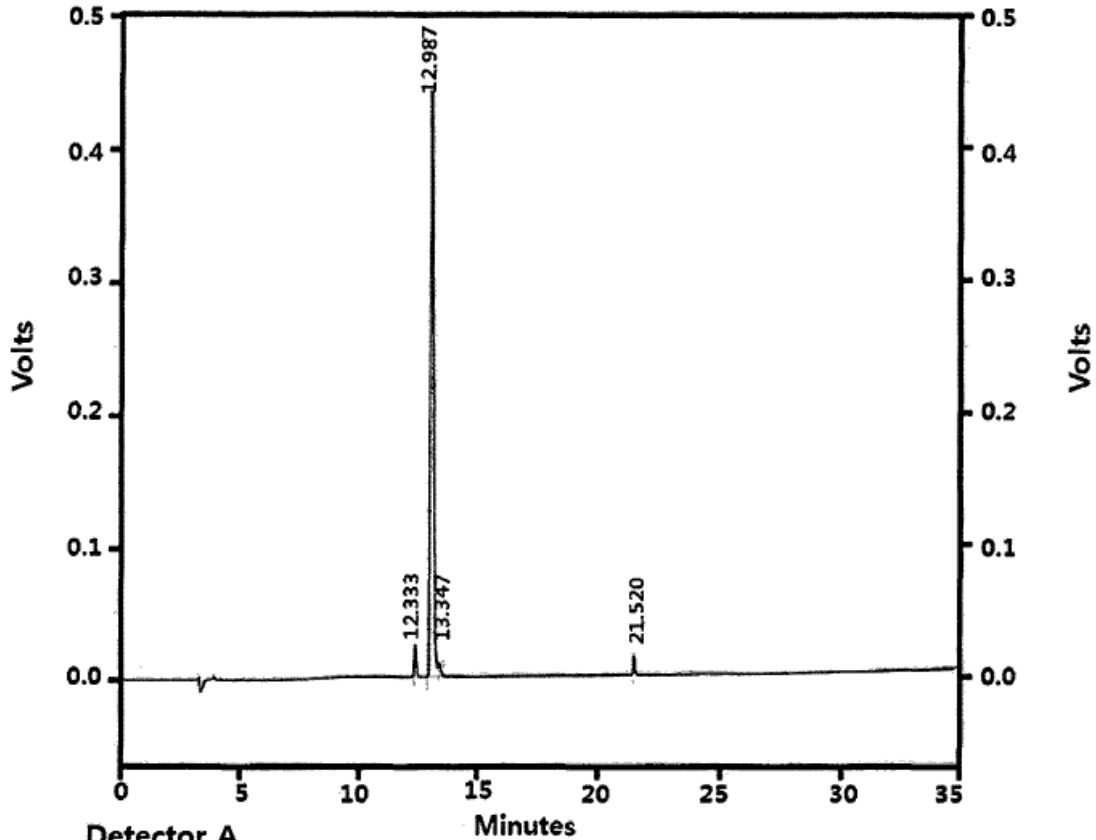
Detector A				
(230nm)				
Pk #	Retention Time	Area	Area %	
1	11.208	7214585	98.998	
2	11.567	73036	1.002	
Totals		7287621	100.000	

Fig. 28

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K161413 (YDE-025)

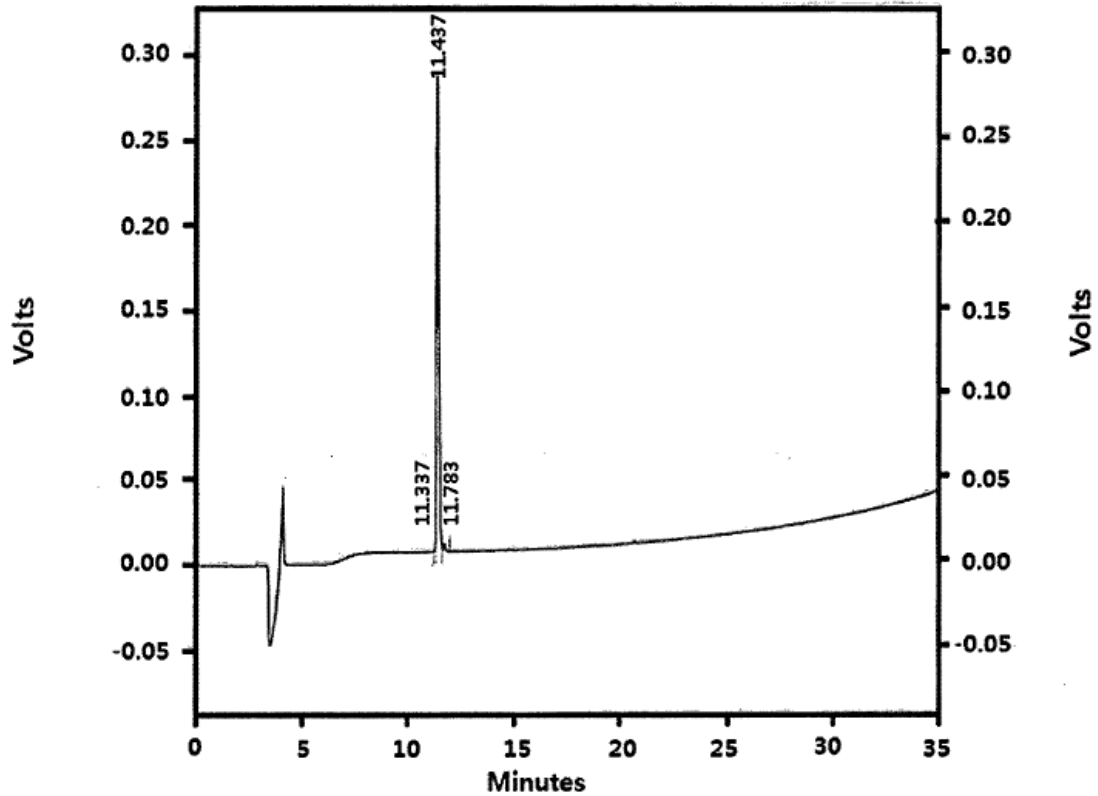


Detector A (230nm)			
Pk #	Retention Time	Area	Area %
1	12.333	89208	2.157
2	12.987	3936279	95.167
3	13.347	61019	1.475
4	21.520	49664	1.201
Totals		4136170	100.000

Fig. 29

Shimadzu CLASS-VP V6.14 SP1 new 10AVP *Area % Report* *Page of 1*

Sample ID : K161414 (YDE-026)



Detector A

(230nm)

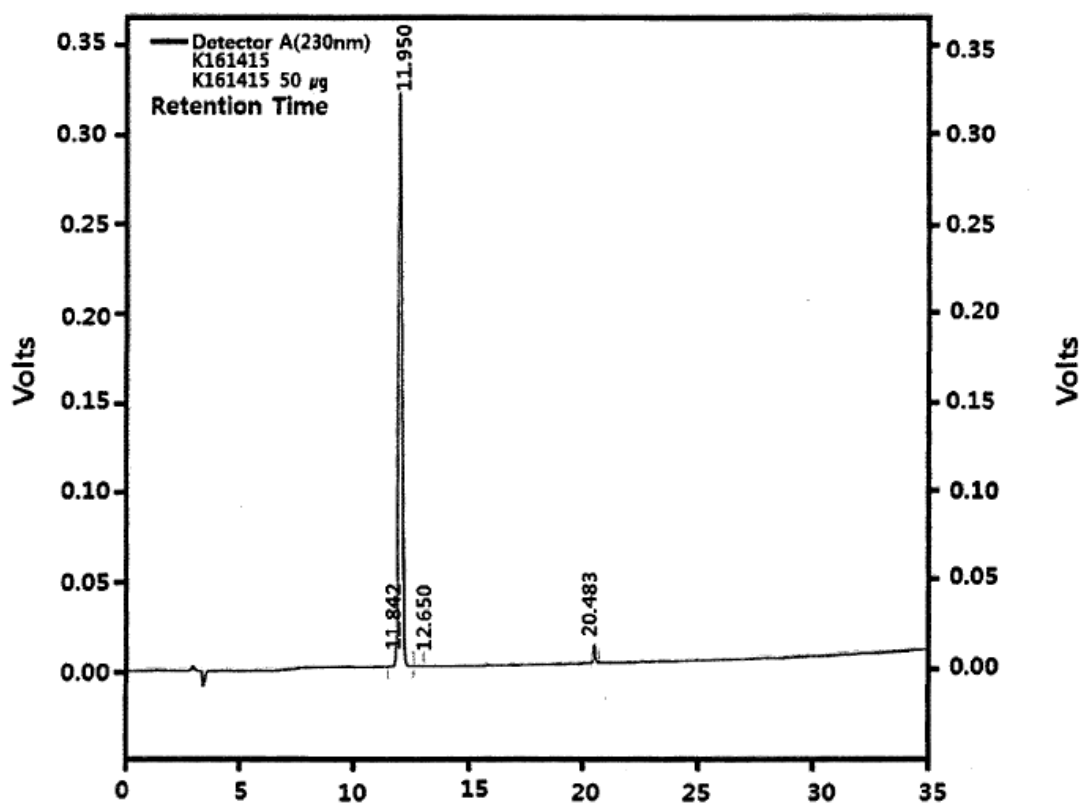
Pk #	Retention Time	Area	Area %
1	11.337	1455	0.068
2	11.437	2109578	98.675
3	11.783	26862	1.256
Totals		2137895	100.000

Fig. 30

Shimadzu CLASS-VP V6.14 SP1 Manual (AUTO Sampler)

Area % Report

Sample ID : K161415 (YDE-027)



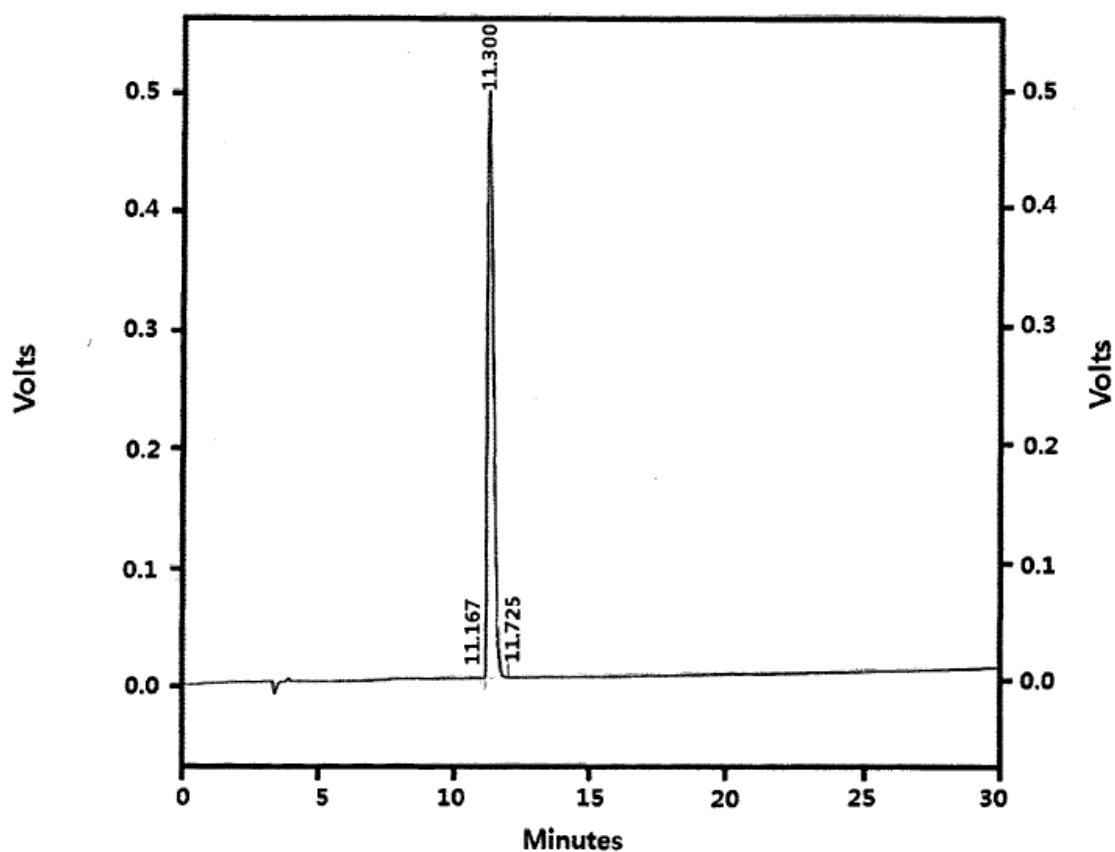
Detector A		Minutes		
(230nm) Pk #	Retention Time	Area	Area %	
1	11.842	41052	1.200	
2	11.950	3316998	96.933	
3	12.650	4962	0.145	
4	20.483	58920	1.722	
Totals		3421932	100.000	

Fig. 31

Shimadzu CLASS-VP V6.14 SP1 MANUAL

Area % Report

Sample ID : K161416 (YDE-028)



Detector A

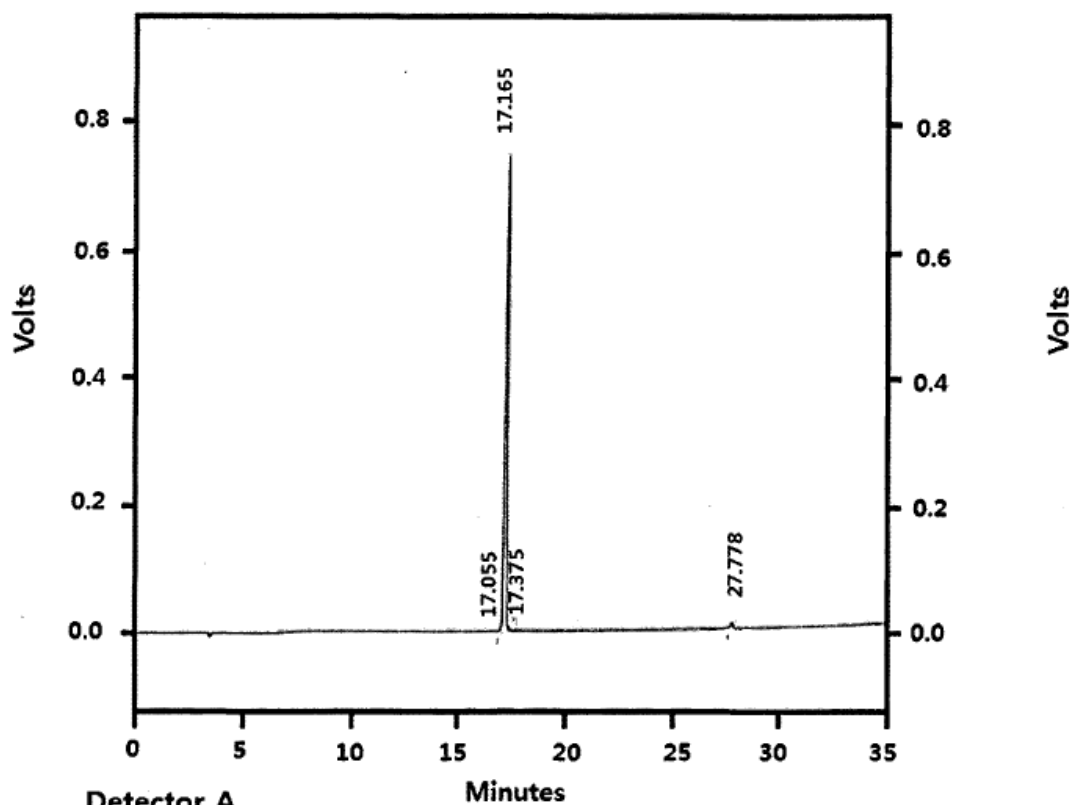
(230nm)

Pk #	Retention Time	Area	Area %
1	11.167	150	0.002
2	11.300	7430217	99.528
3	11.725	35093	0.470
Totals		7465460	100.000

Fig. 32

Shimadzu CLASS-VP V6.14 SP1 new 10AVP *Area % Report* *Page of 1*

Sample ID : K170461 (YDE-029)



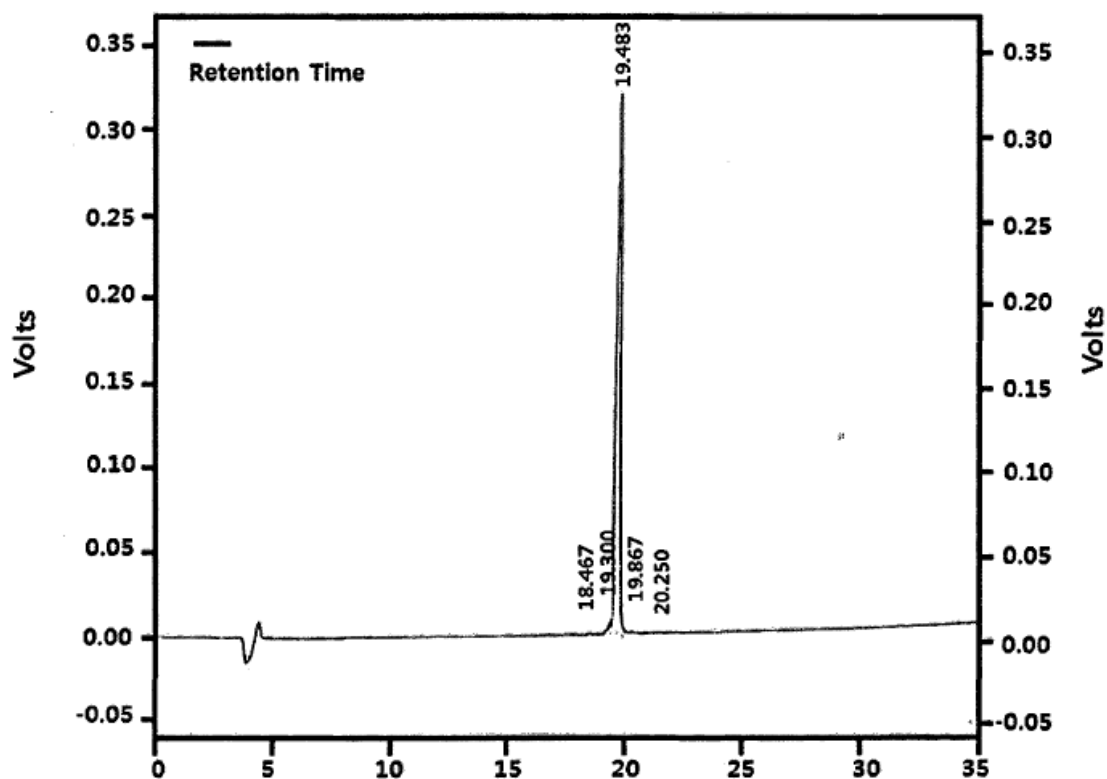
Detector A (230nm) Pk #		Retention Time	Area	Area %
1		17.055	22757	0.455
2		17.165	4899267	98.005
3		17.375	14310	0.286
4		27.778	62641	1.253
Totals			4998975	100.000

Fig. 33

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K170462 (YDE-030)



Detector A (230nm) Pk #	Retention Time	Area	Area %
1	18.467	4767	0.118
2	19.300	50062	1.243
3	19.483	3953901	98.180
4	19.867	16280	0.404
5	20.250	2175	0.054

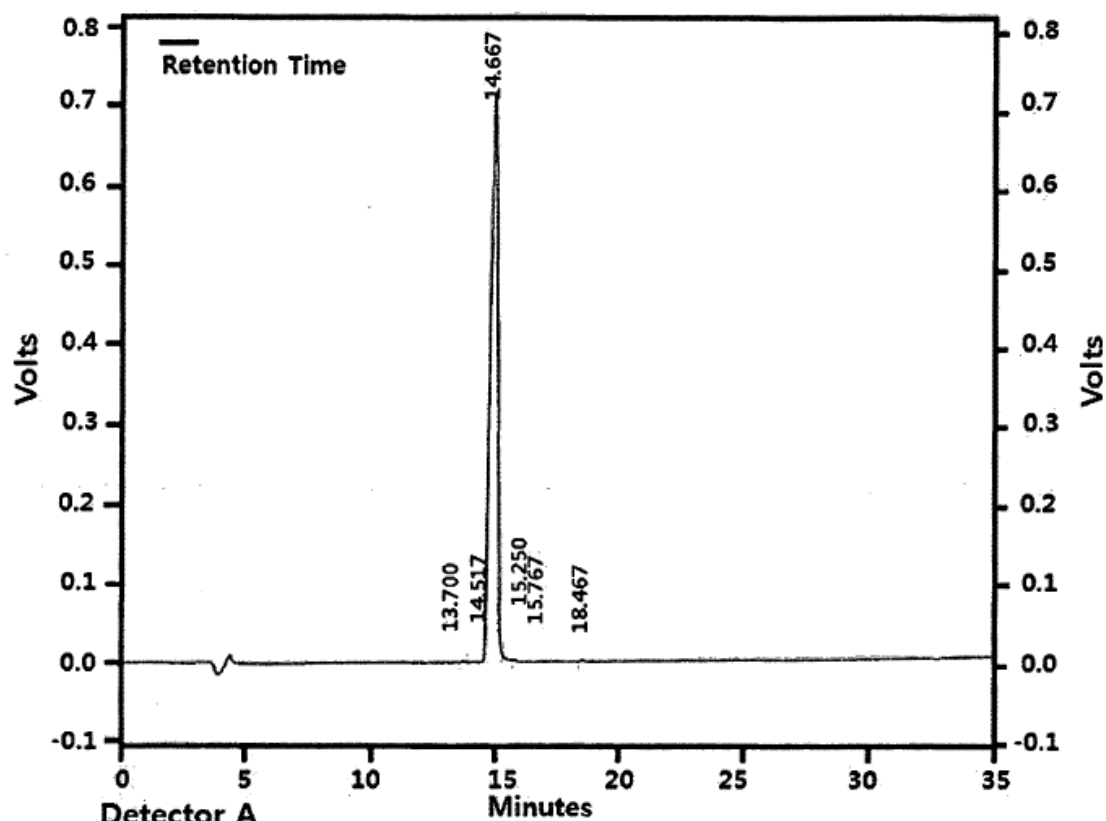
Totals		4027185	100.000
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Fig. 34

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K170463 (YDE-031)



Detector A (230nm) Pk #		Retention Time	Area	Area %
1		13.700	9470	0.066
2		14.517	5967	0.041
3		14.667	14223947	98.895
4		15.250	102756	0.714
5		15.767	25707	0.179
6		18.467	15003	0.104
Totals			14382850	100.000

Fig. 35

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K170464 (YDE-032)

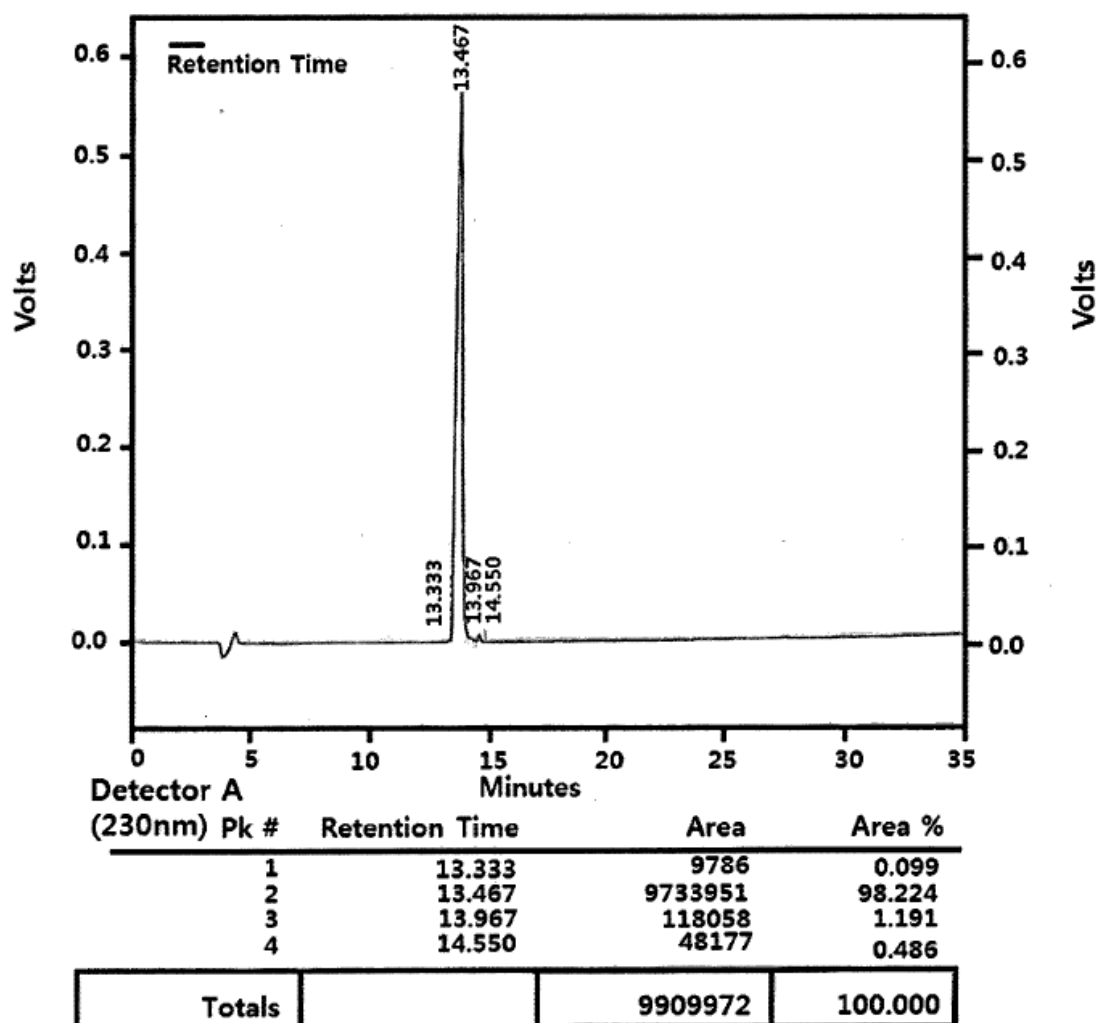
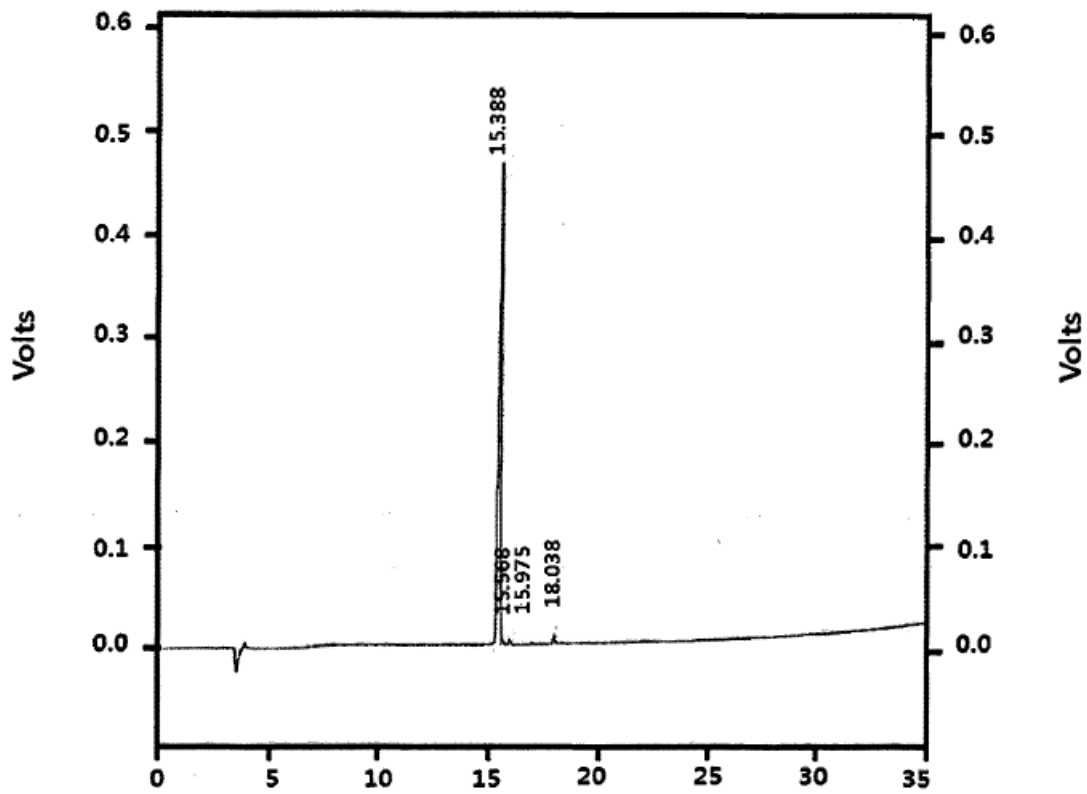


Fig. 36

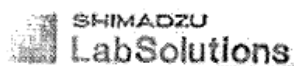
Shimadzu CLASS-VP V6.14 SP1 new 10AVP *Area % Report* *Page of 1*

Sample ID : K170465 (YDE-033)



Detector A		Minutes		
(230nm) Pk #	Retention Time	Area	Area %	
1	15.388	3503595	97.229	
2	15.568	36015	0.999	
3	15.975	25007	0.694	
4	18.038	38811	1.077	
Totals		3603428	100.000	

Fig. 37

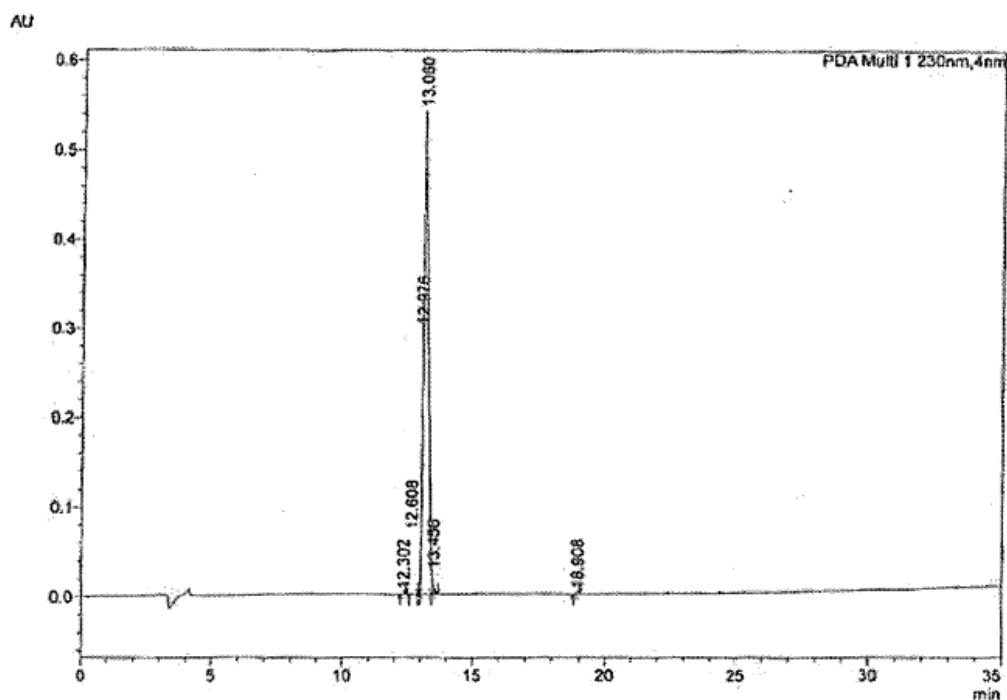


Analysis Report

<Sample Information>

Sample Name :K170467 (YDE-034)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	12.302	3679	0.049
2	12.608	6351	0.084
3	12.976	21634	0.287
4	13.060	7431450	98.685
5	13.456	62871	0.835
6	18.908	4490	0.060
Total		7530474	100.000

Fig. 38

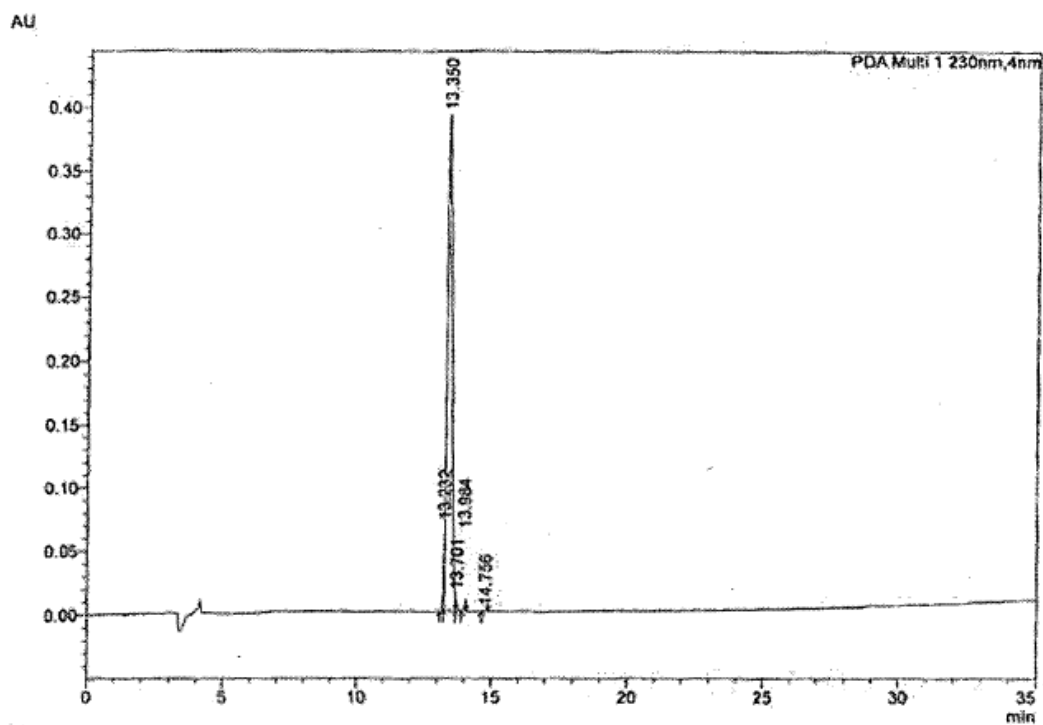


Analysis Report

<Sample Information>

Sample Name :K170468 (YDE-035)

<Chromatogram>

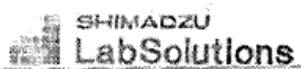


<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	13.232	12349	0.252
2	13.350	4845696	98.818
3	13.701	38529	0.786
4	13.984	2572	0.052
5	14.756	4526	0.092
Total		4903673	100.000

Fig. 39

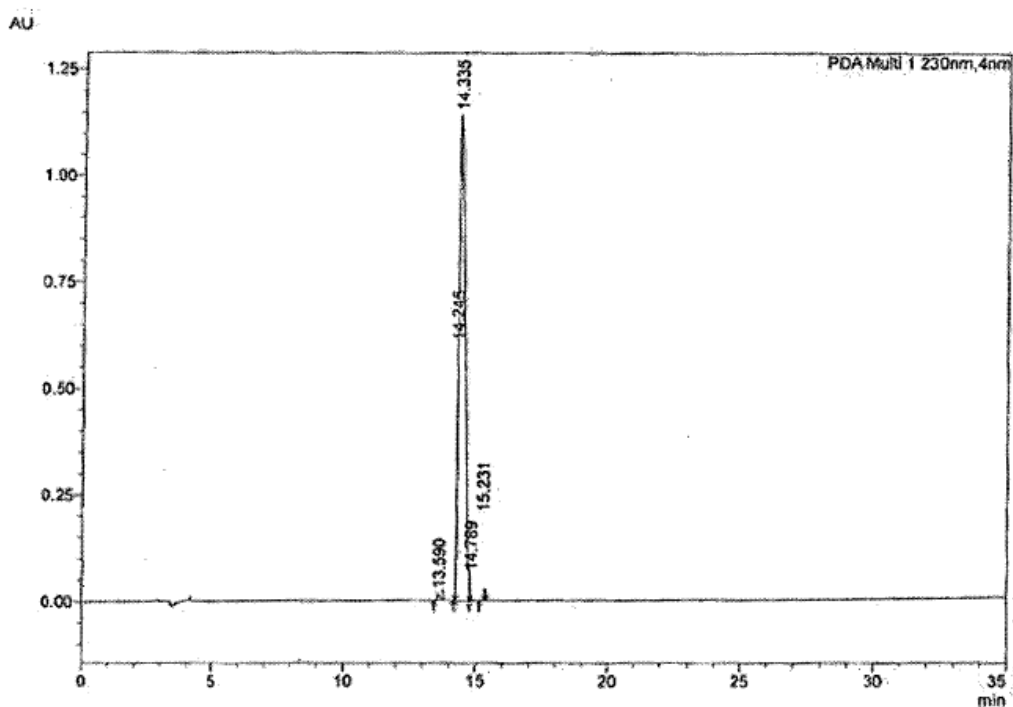


Analysis Report

<Sample Information>

Sample Name :K170469 (YDE-036)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	13.590	95741	0.502
2	14.245	21037	0.110
3	14.335	18844050	98.765
4	14.789	113179	0.593
5	15.231	5631	0.030
Total		19079638	100.000

Fig. 40

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K170470 (YDE-037)

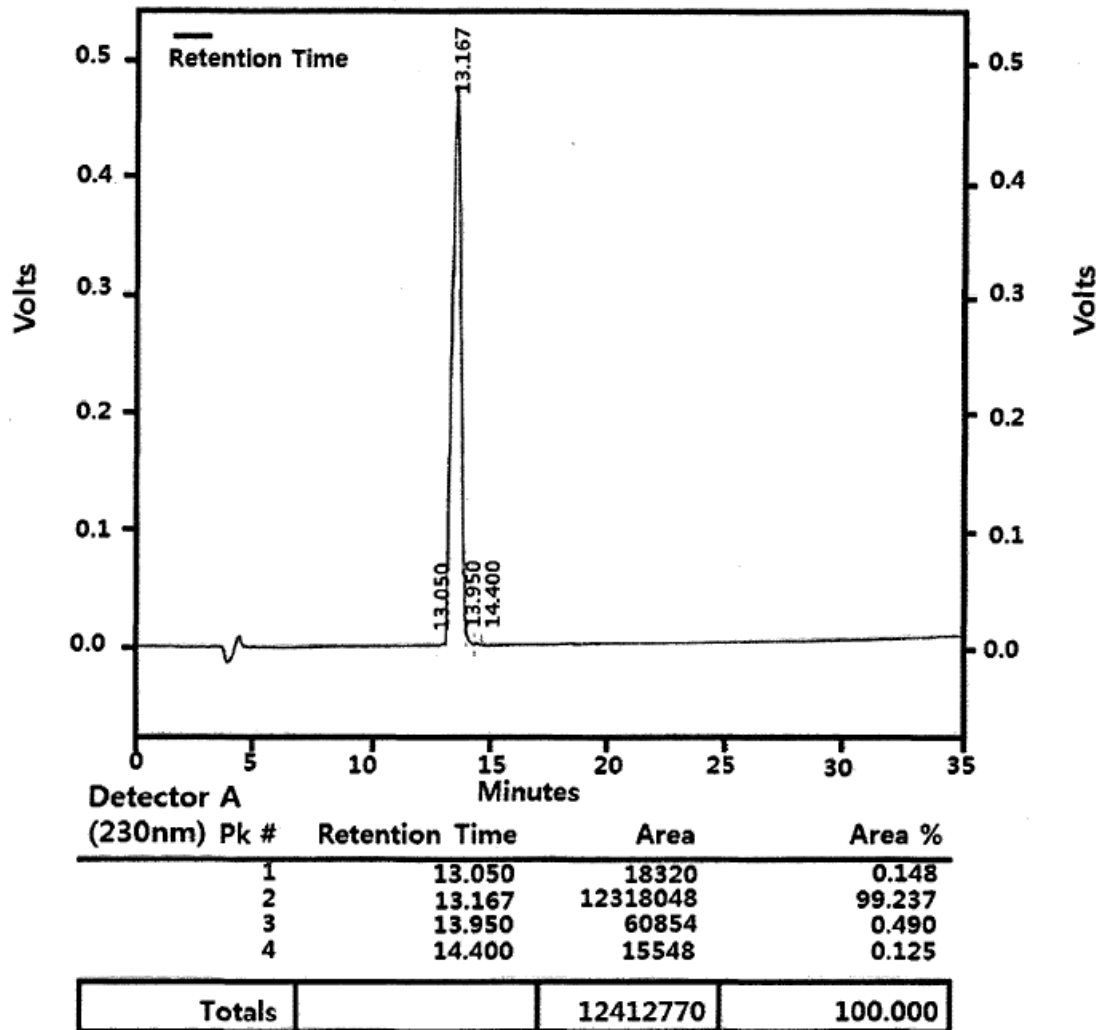
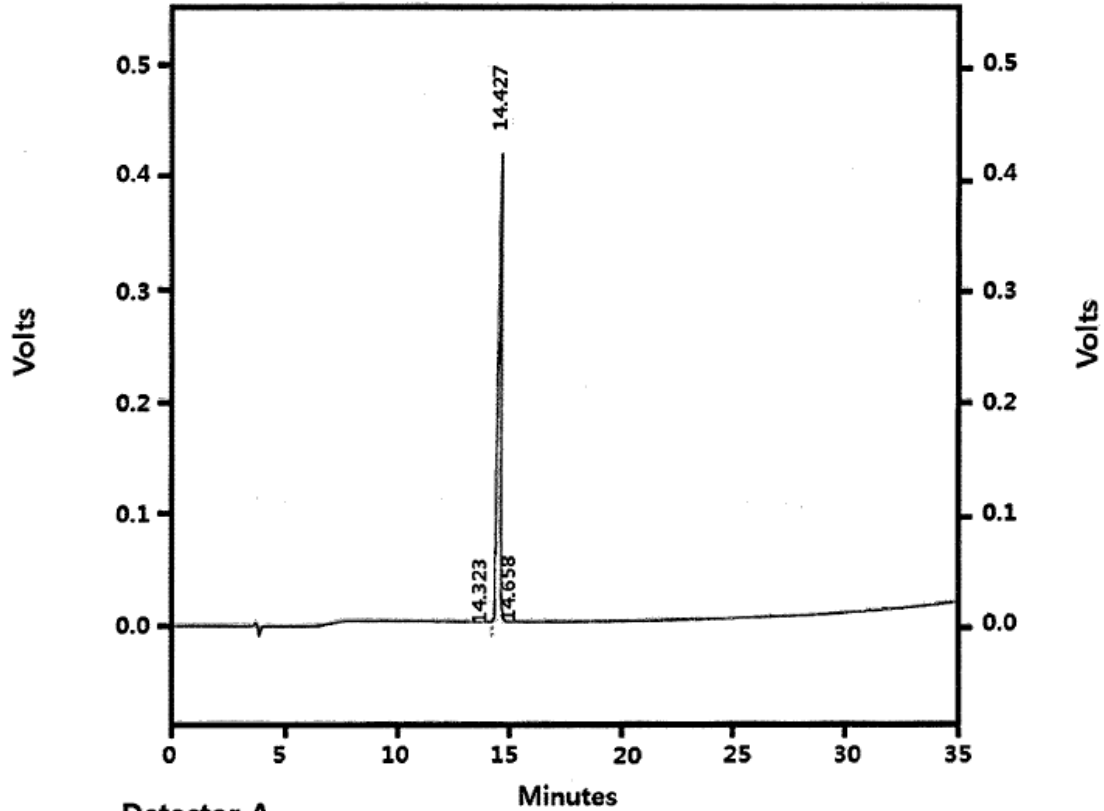


Fig. 41

Shimadzu CLASS-VP V6.14 SP1 new 10AVP *Area % Report* *Page of 1*

Sample ID : K170471 (YDE-038)



Detector A (230nm)		Pk #	Retention Time	Area	Area %
		1	14.323	7412	0.197
		2	14.427	3716173	98.767
		3	14.658	38987	1.036
Totals				3762572	100.000

Fig. 42

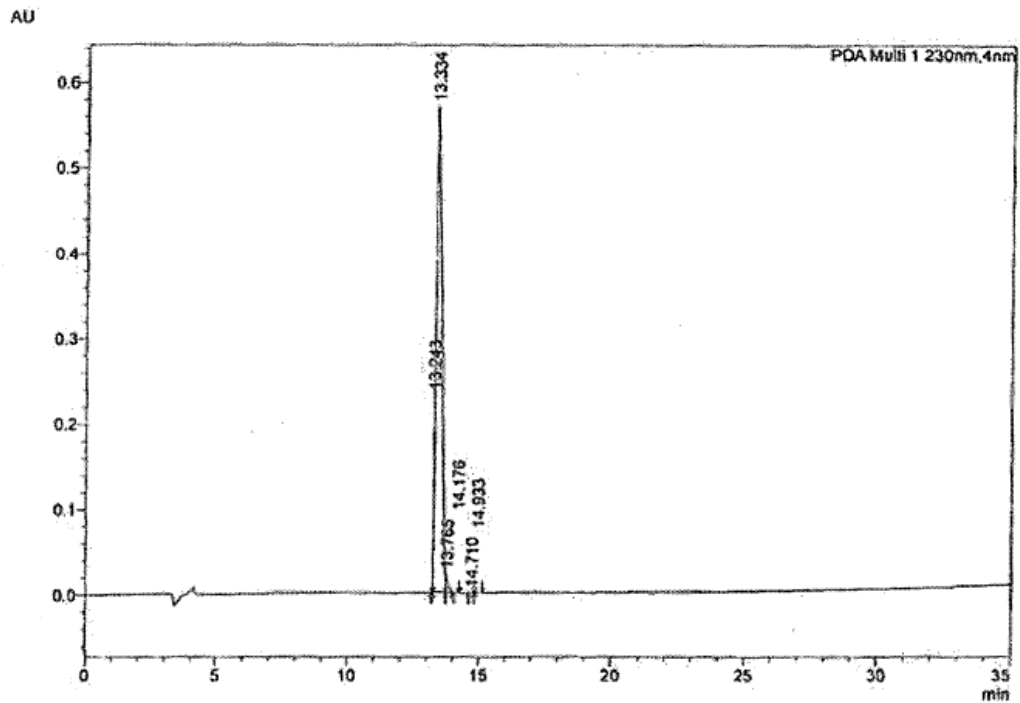


Analysis Report

<Sample Information>

Sample Name :K170484 (YDE-039)

<Chromatogram>

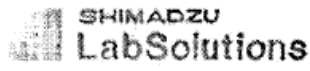


<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	13.243	10337	0.120
2	13.334	8471164	98.101
3	13.765	141934	1.644
4	14.176	1883	0.022
5	14.710	3097	0.036
6	14.933	6746	0.078
Total		8635161	100.000

Fig. 43

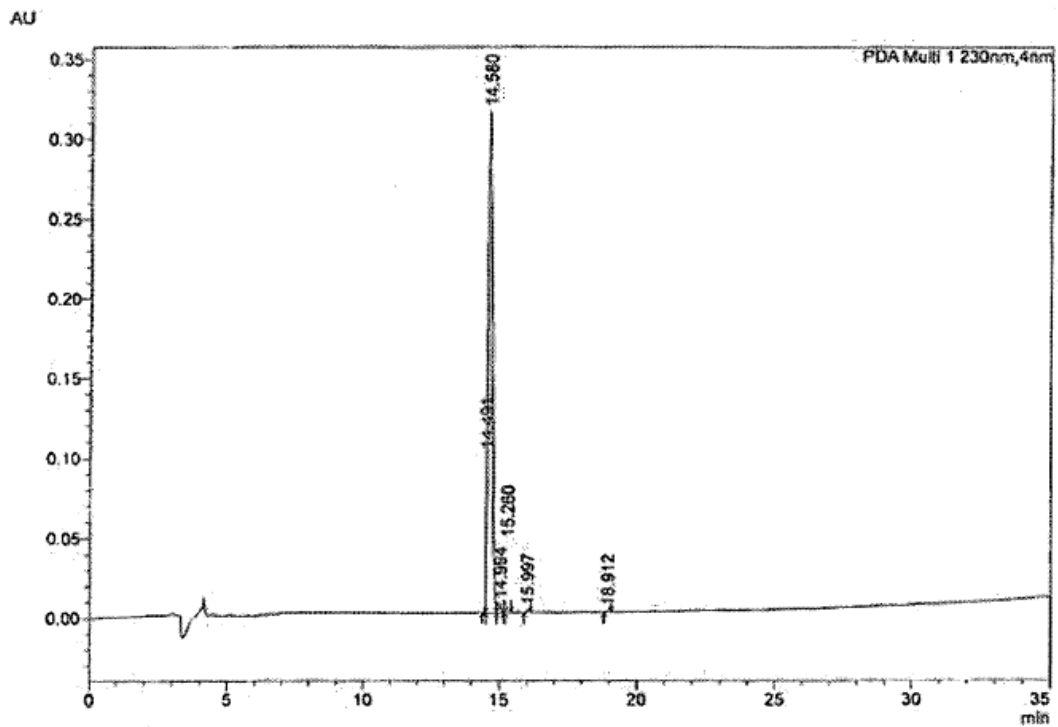


Analysis Report

<Sample Information>

Sample Name :K170485 (YDE-040)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

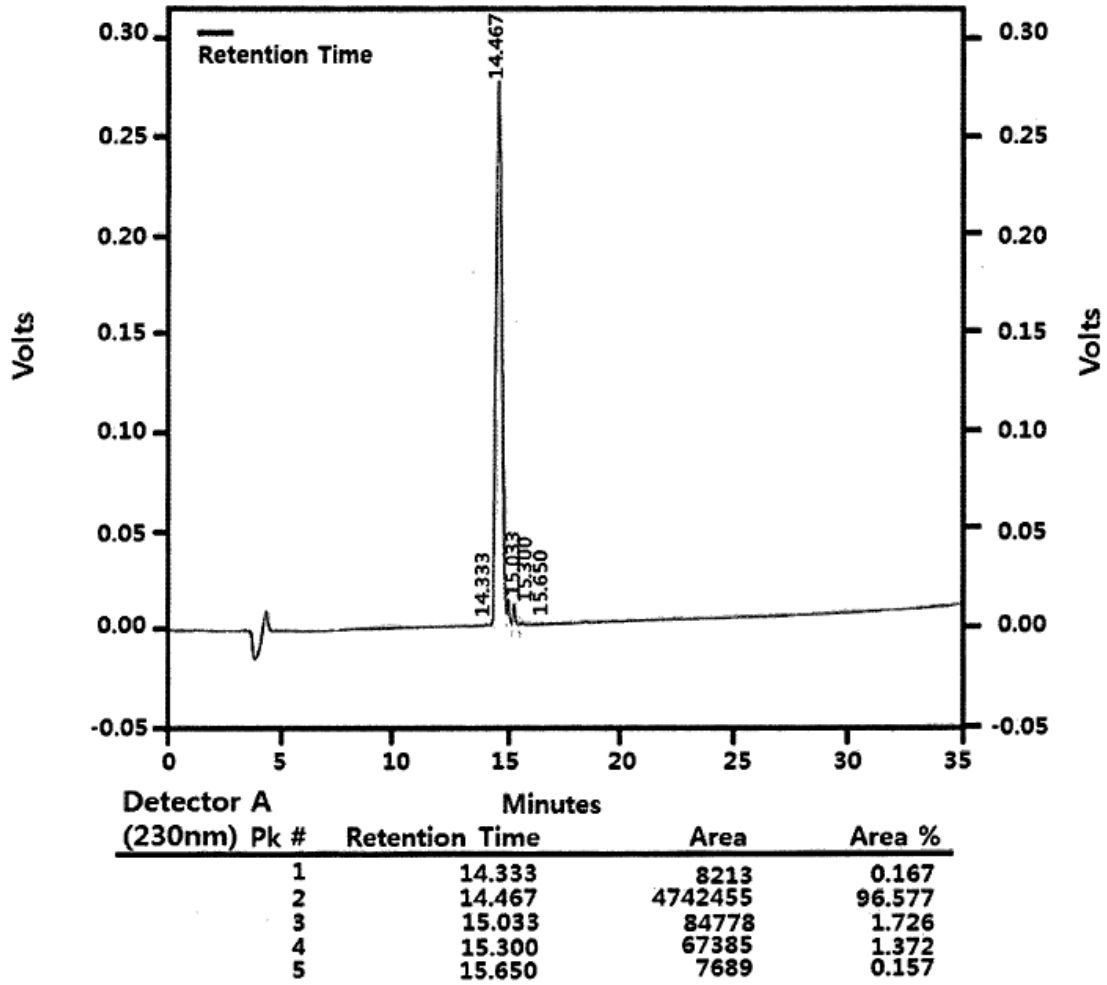
Peak#	Ret. Time	Area	Area%
1	14.491	8575	0.268
2	14.580	3145995	97.580
3	14.994	43744	1.357
4	15.260	10665	0.331
5	15.997	9068	0.281
6	18.912	5968	0.185
Total		3224014	100.000

Fig. 44

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K170466 (YDE-041)



Totals		4910520	100.000
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Fig. 45

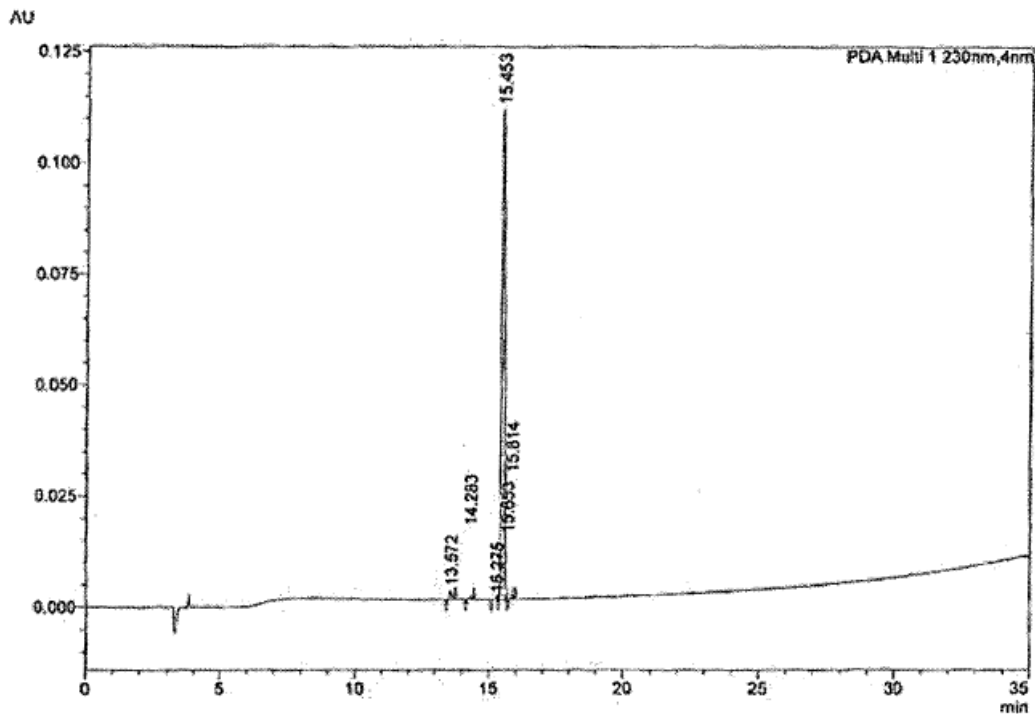


Analysis Report

<Sample Information>

Sample Name :K170696 (YDE-042)

<Chromatogram>

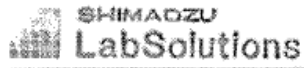


<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	13.572	10672	1.287
2	14.283	3251	0.392
3	15.275	1984	0.239
4	15.453	808105	97.476
5	15.653	3981	0.480
6	15.814	1036	0.125
Total		829028	100.000

Fig. 46

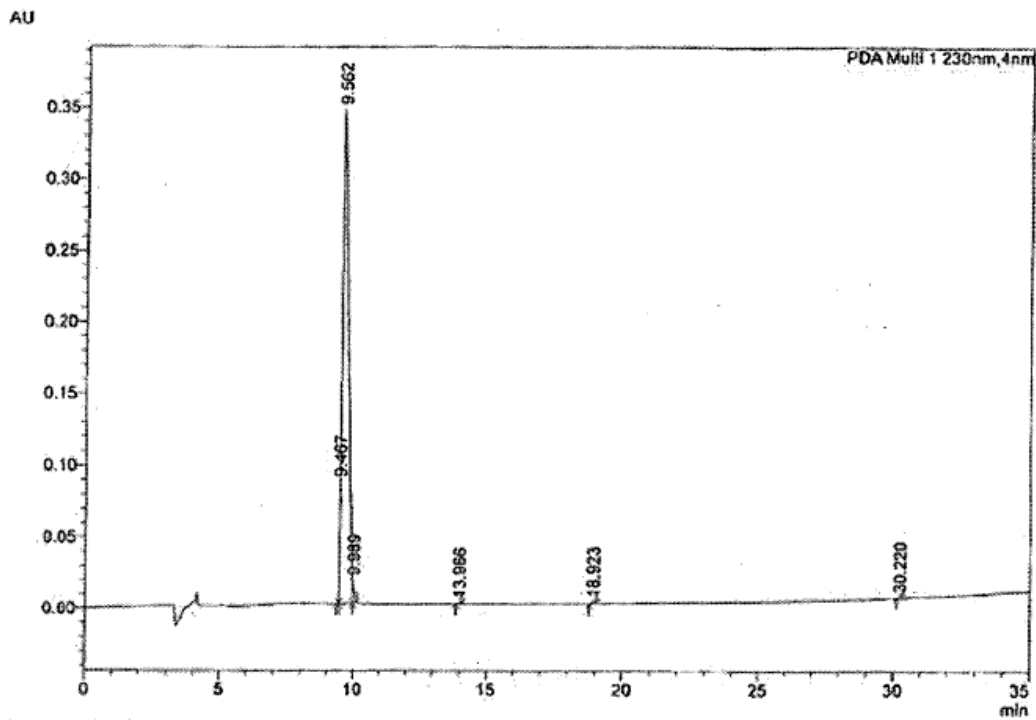


Analysis Report

<Sample Information>

Sample Name :K170695 (YDE-043)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

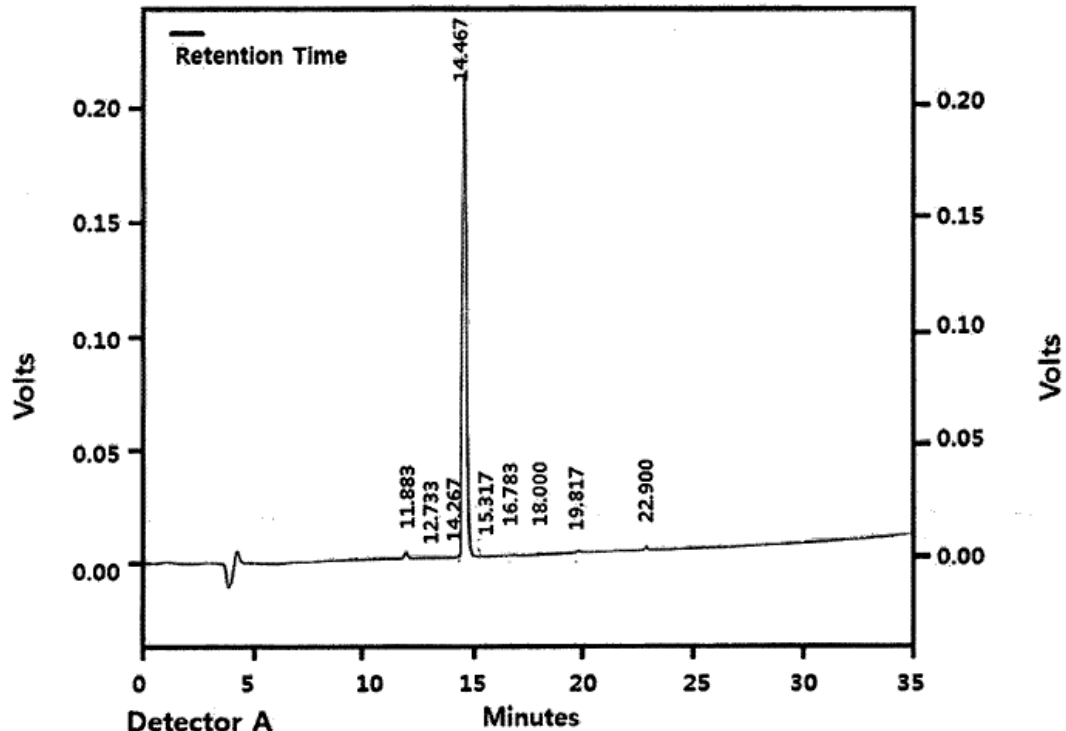
Peak#	Ret. Time	Area	Area%
1	9.467	2371	0.045
2	9.562	5211379	98.719
3	9.989	47144	0.893
4	13.966	4274	0.081
5	18.923	8330	0.158
6	30.220	5506	0.104
Total		5279004	100.000

Fig. 47

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K171020 (YDE-044)



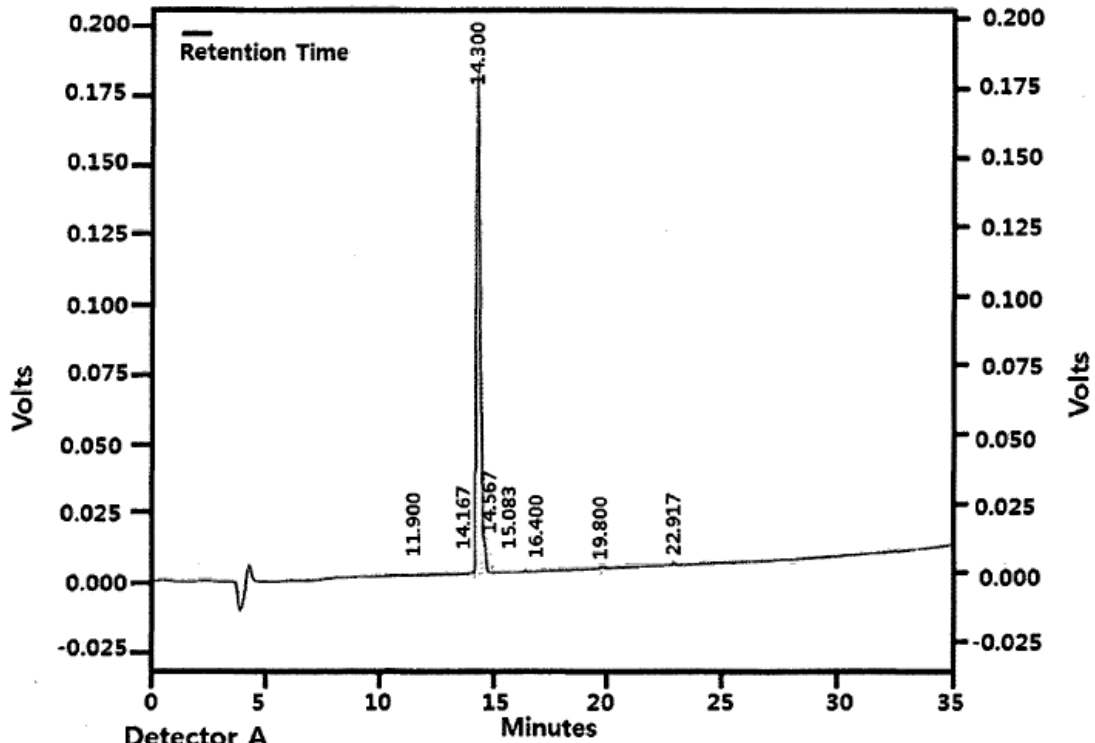
Detector A (230nm)		Retention Time	Area	Area %
1		11.883	27993	1.012
2		12.733	1286	0.047
3		14.267	2811	0.102
4		14.467	2704866	97.828
5		15.317	10992	0.398
6		16.783	4363	0.158
7		18.000	887	0.032
8		19.817	3279	0.119
9		22.900	8453	0.306
Totals			2764930	100.000

Fig. 48

Shimadzu CLASS-VP V6.14 SP1 20A_prep

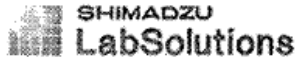
Area % Report

Sample ID : K171021 (YDE-045)



Detector A (230nm) Pk #		Retention Time	Area	Area %
1		11.900	636	0.029
2		14.167	5291	0.242
3		14.300	2089275	95.561
4		14.567	80787	3.695
5		15.083	1596	0.073
6		16.400	2393	0.109
7		19.800	2986	0.137
8		22.917	3361	0.154
Totals			2186325	100.000

Fig. 49

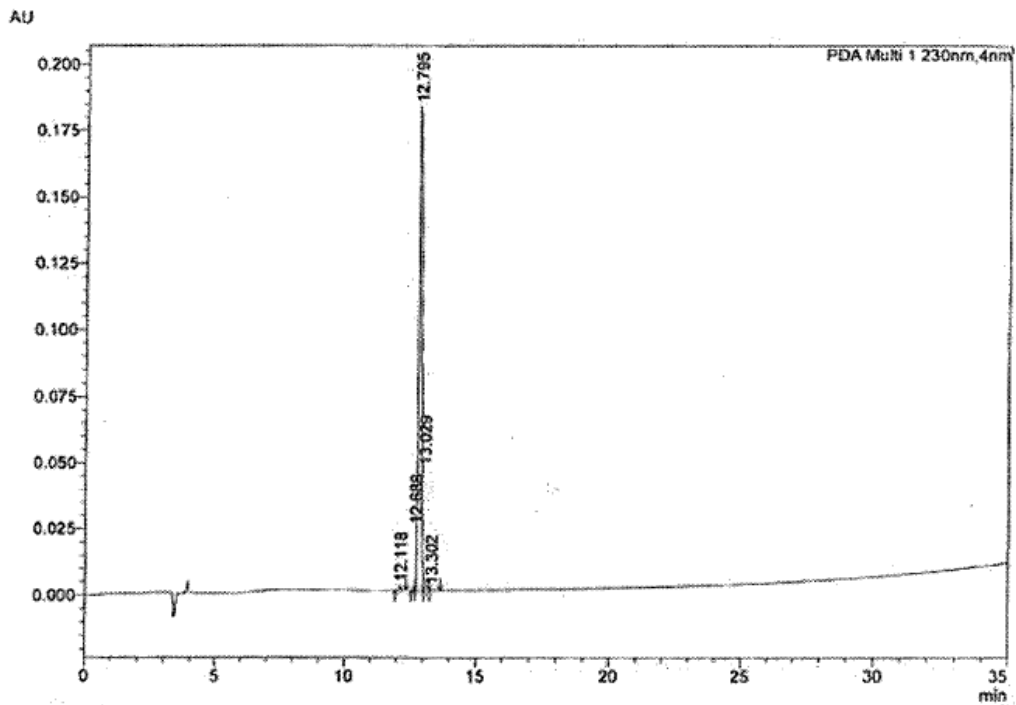


Analysis Report

<Sample Information>

Sample Name K171849 (YDE-047)

<Chromatogram>

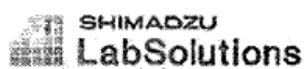


<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	12.118	8416	0.566
2	12.688	3751	0.252
3	12.795	1449638	97.513
4	13.029	22365	1.504
5	13.302	2443	0.164
Total		1486612	100.000

Fig. 50

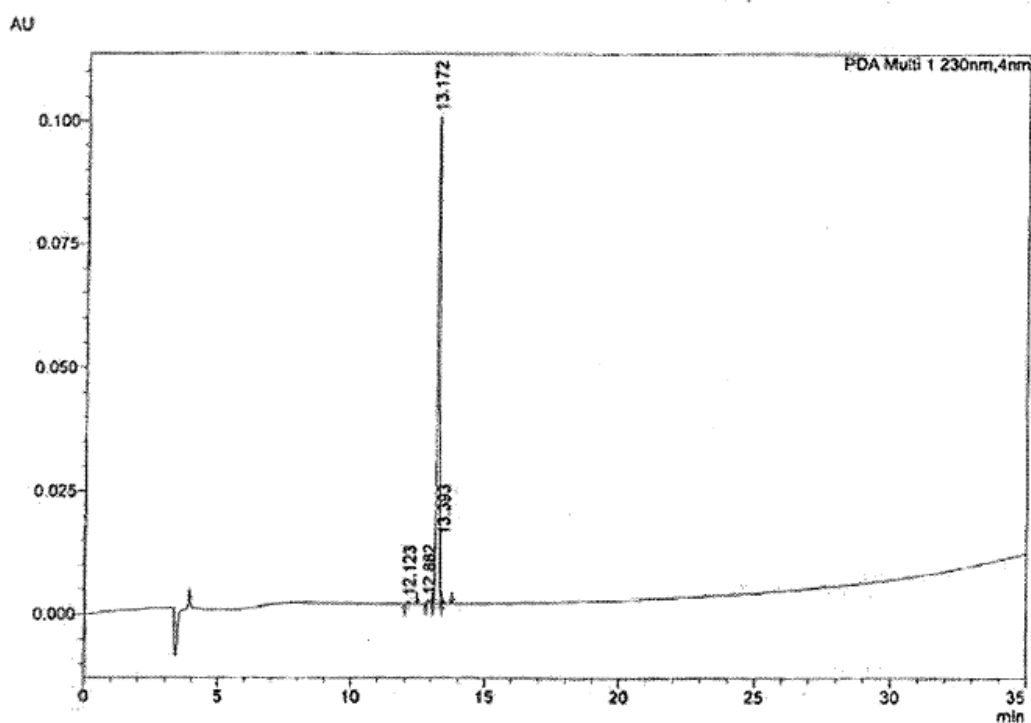


Analysis Report

<Sample Information>

Sample Name :K171850 (YDE-048)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	12.123	3743	0.600
2	12.882	7696	1.234
3	13.172	606751	97.254
4	13.393	5695	0.913
Total		623885	100.000

Fig. 51

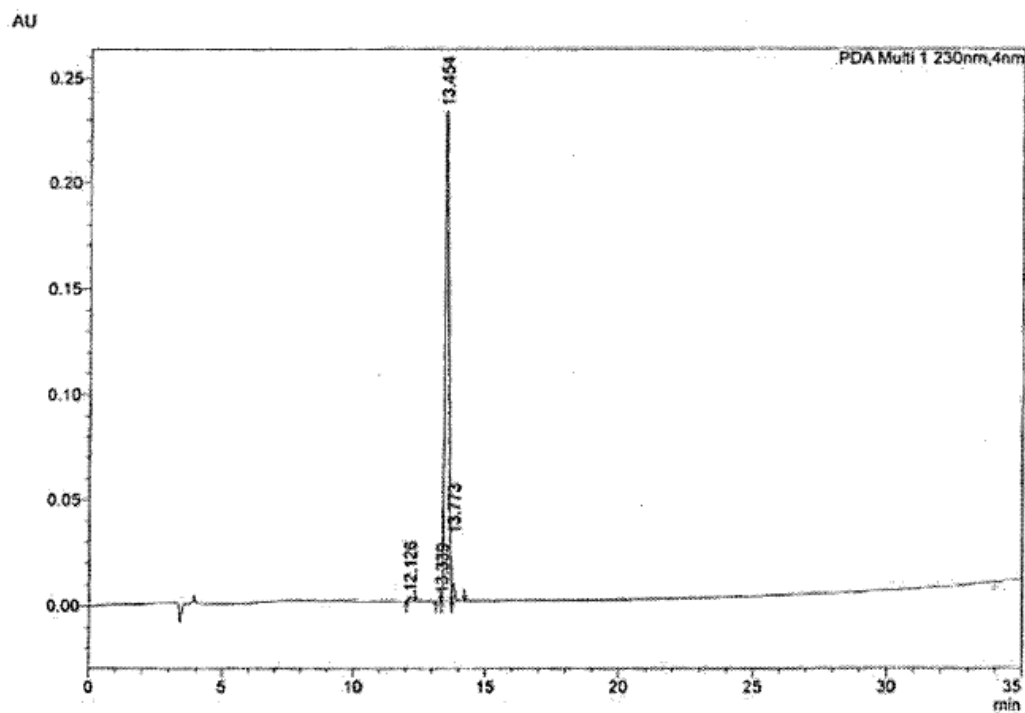


Analysis Report

<Sample Information>

Sample Name :K171851 (YDE-049)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	12.126	12891	0.539
2	13.339	1756	0.073
3	13.454	2318972	96.924
4	13.773	58958	2.464
Total		2392577	100.000

Fig. 52

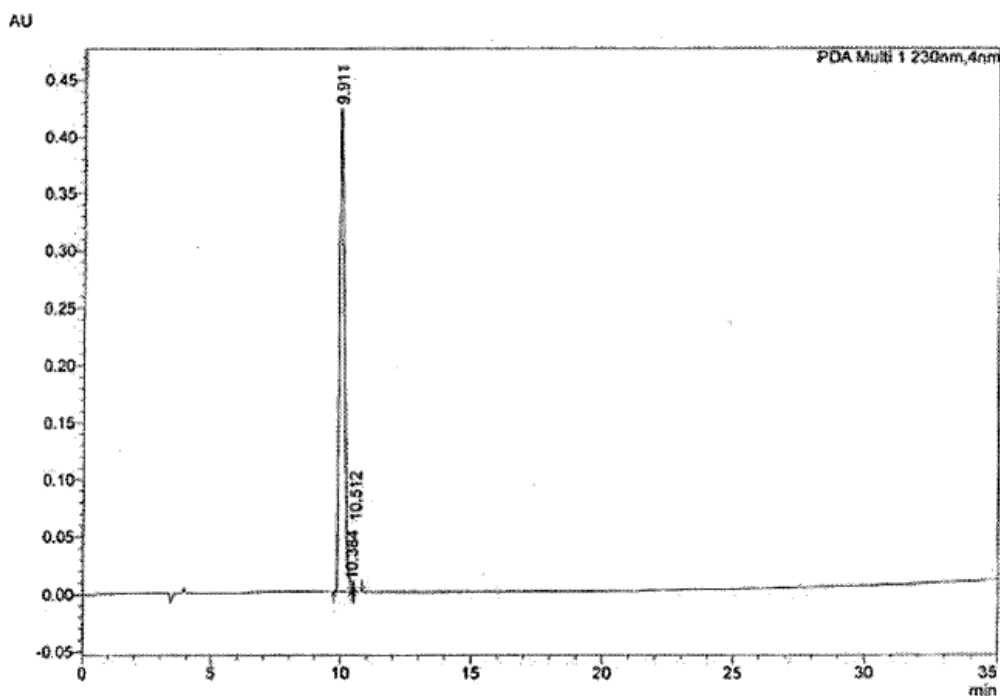


Analysis Report

<Sample Information>

Sample Name: K171852 (YDE-050)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	9.911	5450324	99.329
2	10.384	20990	0.383
3	10.512	15843	0.289
Total		5487158	100.000

Fig. 53

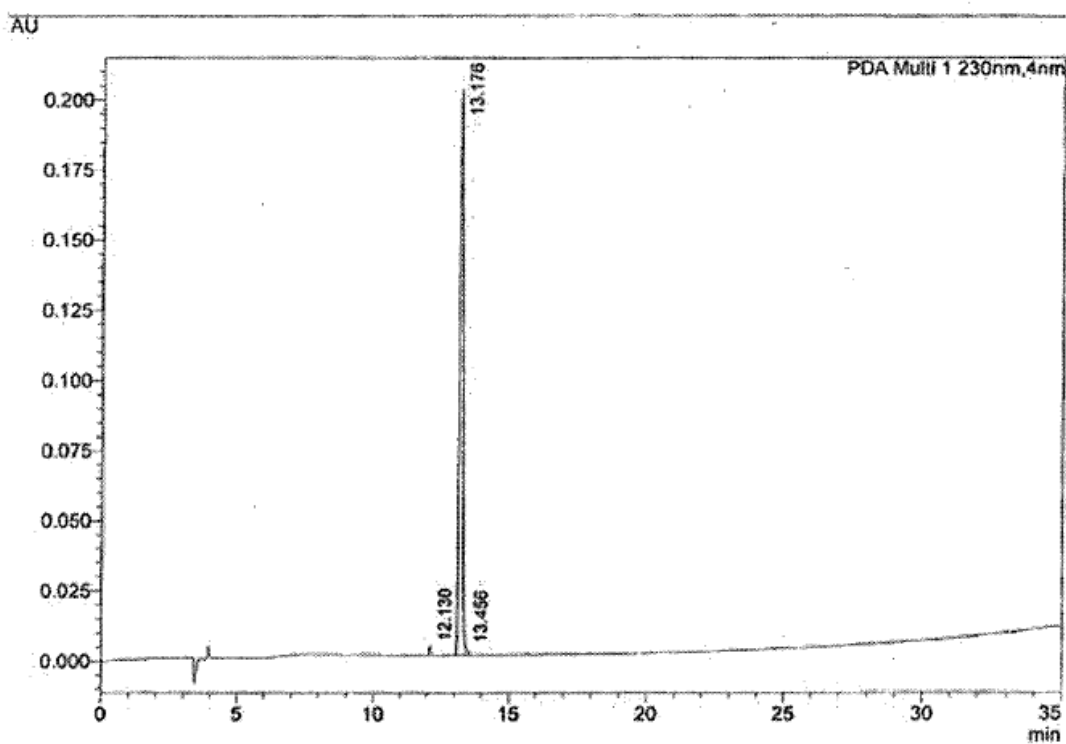


Analysis Report

<Sample Information>

Sample Name : K171853 (YDE-051)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	12.130	18605	1.120
2	13.176	1627394	98.011
3	13.456	14421	0.869
Total		1660420	100.000

Fig. 54

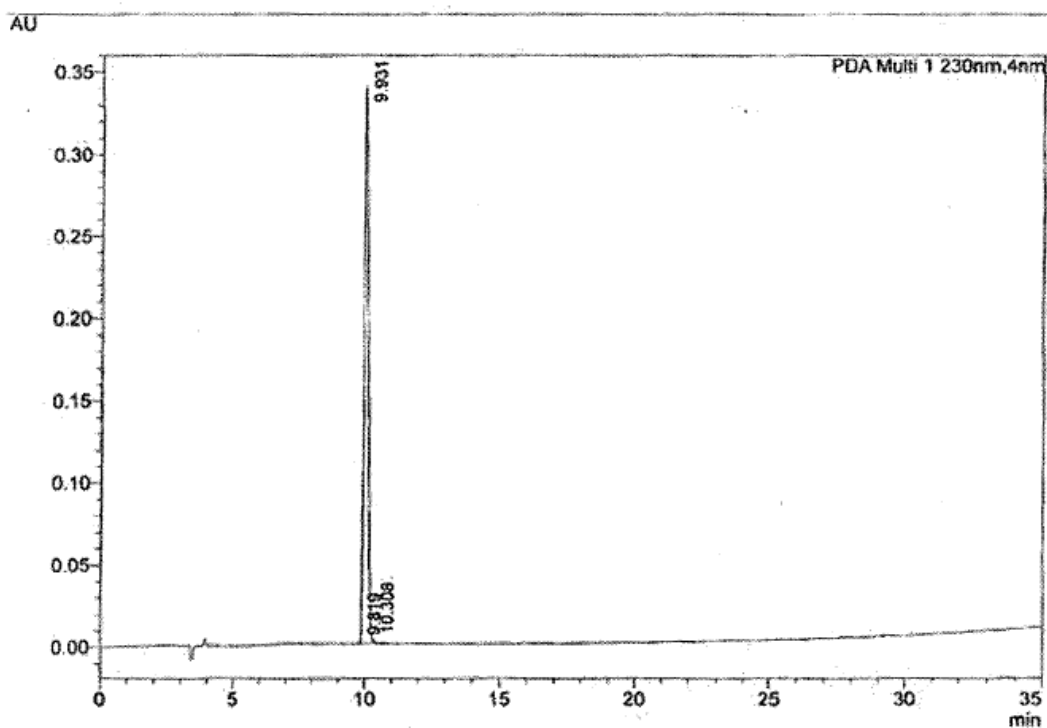


Analysis Report

<Sample Information>

Sample Name : K171854 (YDE-052)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	9.819	2280	0.065
2	9.931	3486152	99.456
3	10.308	16804	0.479
Total		3505236	100.000

Fig. 55

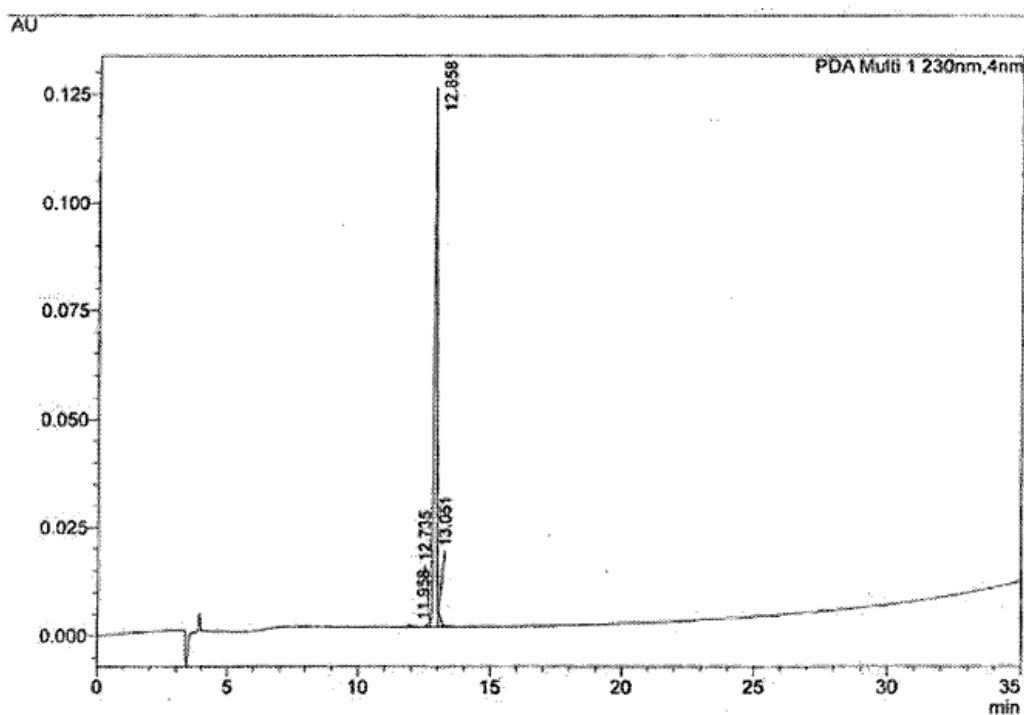


Analysis Report

<Sample Information>

Sample Name : K171855 (YDE-053)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	11.958	3827	0.441
2	12.735	7134	0.822
3	12.858	836814	96.428
4	13.051	20034	2.309
Total		867809	100.000

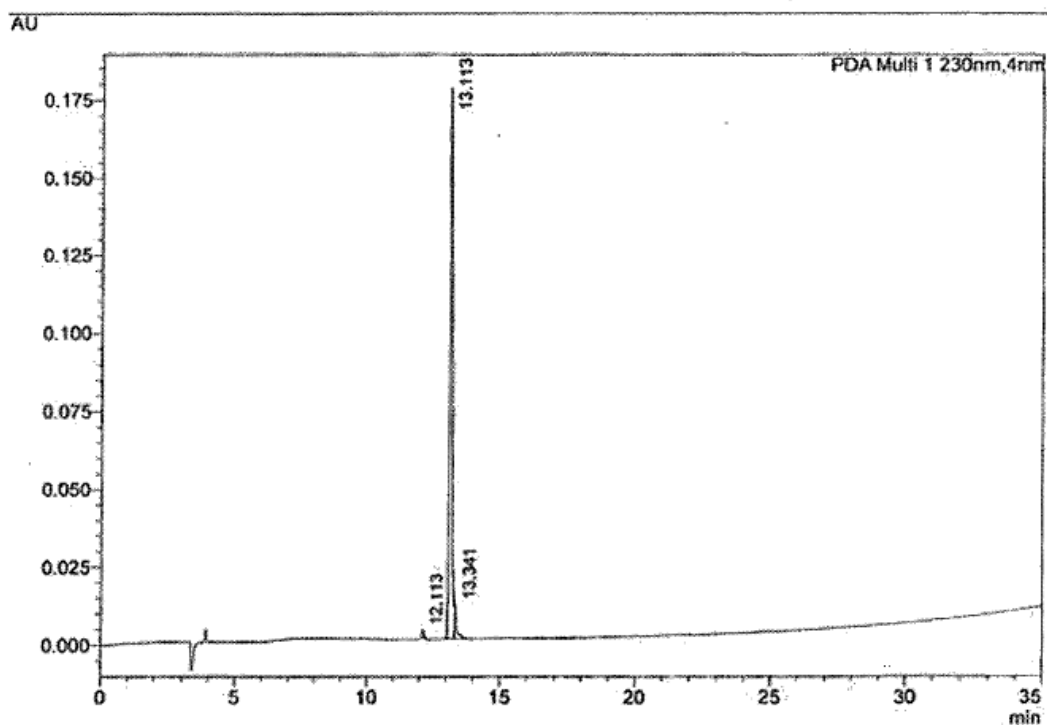
Fig. 56

SHIMADZU
LabSolutions Analysis Report

<Sample Information>

Sample Name : K171856 (YDE-054)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	12.113	9831	0.724
2	13.113	1291332	95.112
3	13.341	56534	4.164
Total		1357696	100.000

Fig. 57



SHIMADZU

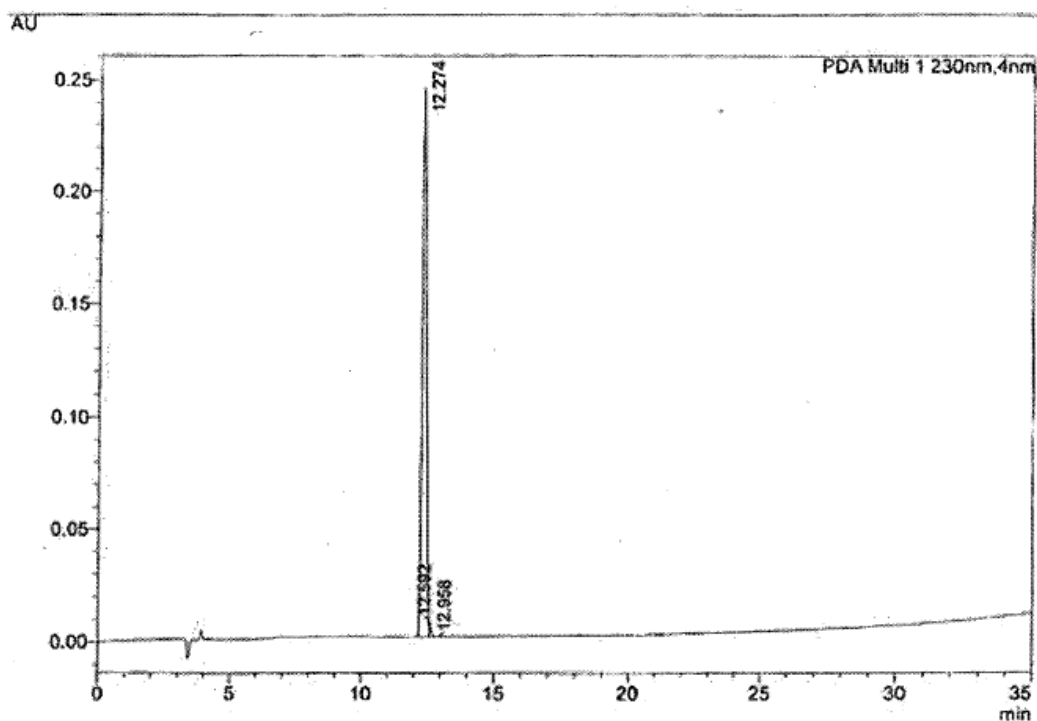
LabSolutions

Analysis Report

<Sample Information>

Sample Name : K171857 (YDE-055)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	12.274	2627179	98.689
2	12.592	31720	1.192
3	12.958	3175	0.119
Total		2662073	100.000

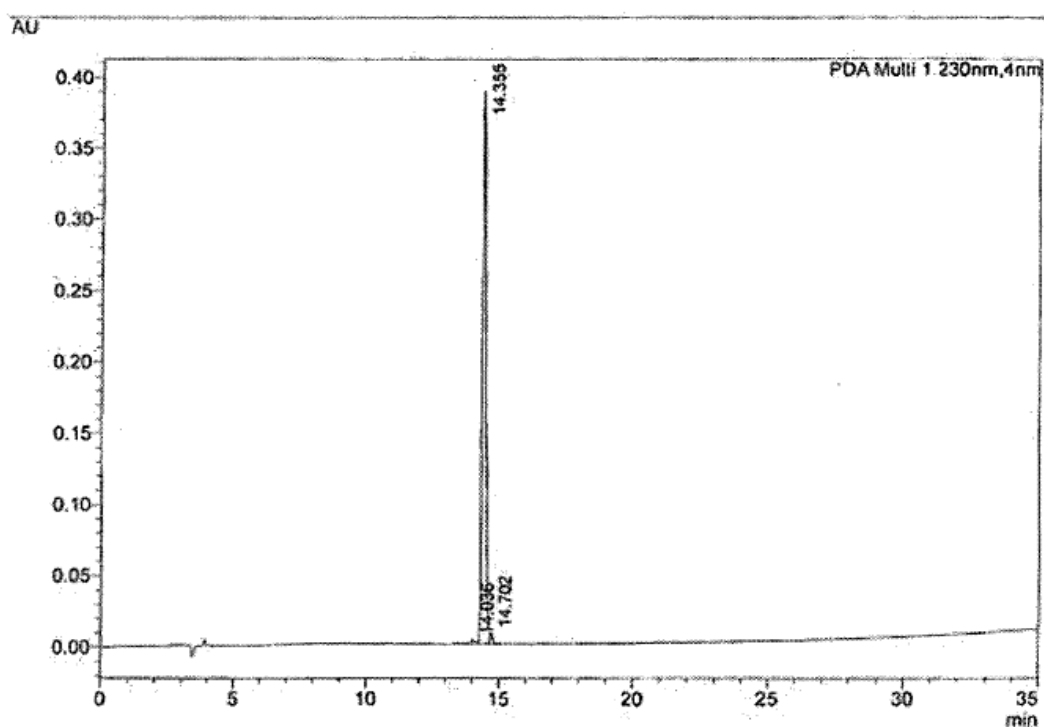
Fig. 58

SHIMADZU
LabSolutions Analysis Report

<Sample Information>

Sample Name : K171858 (YDE-056)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	14.036	36272	0.999
2	14.355	3537845	97.433
3	14.702	56951	1.568
Total		3631068	100.000

Fig. 59

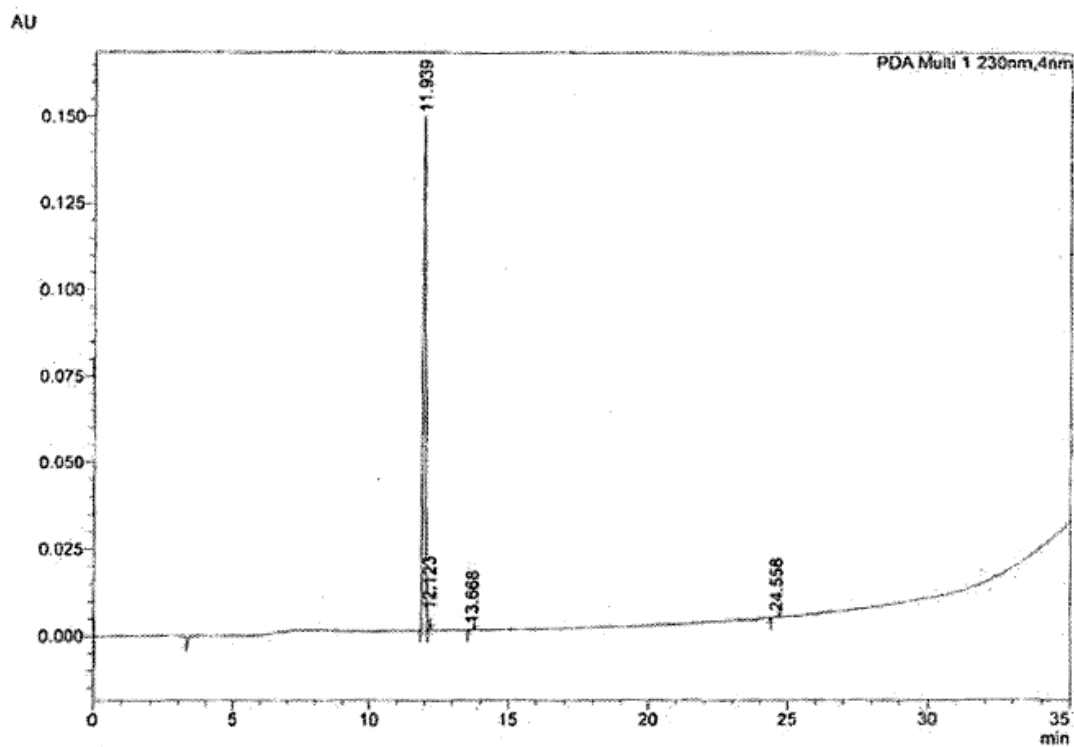
SHIMADZU
LabSolutions

Analysis Report

<Sample Information>

Sample Name :K171869 (YDE-057)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

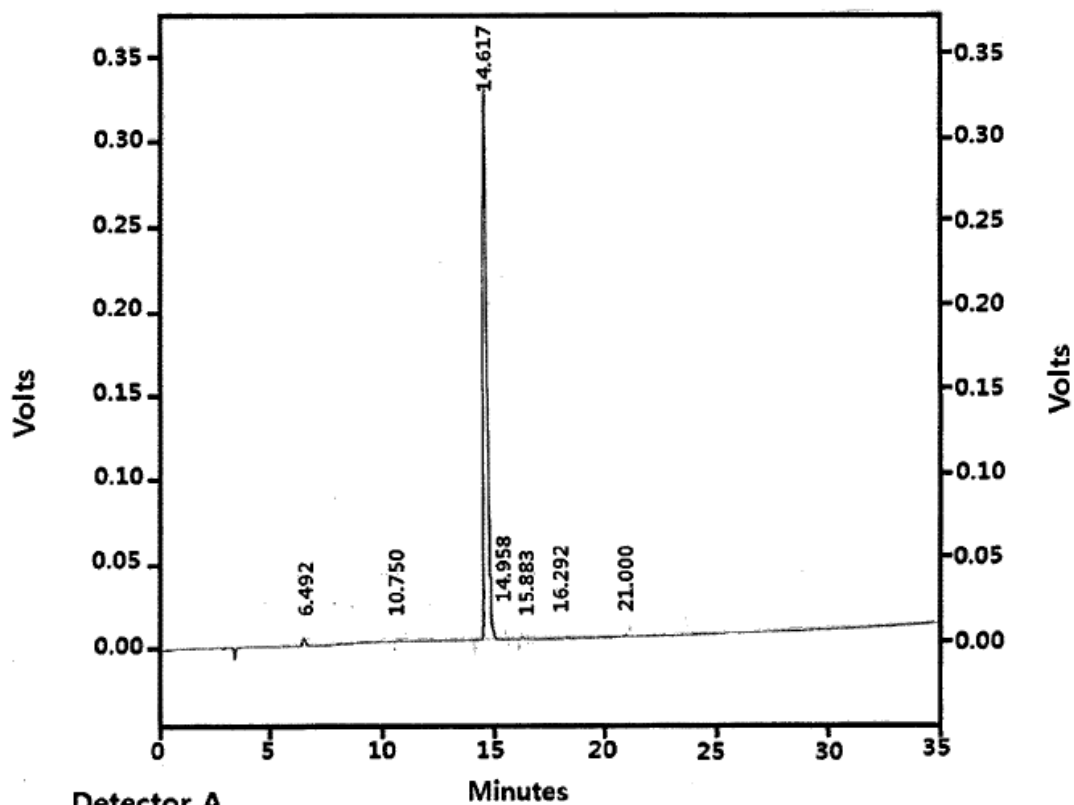
Peak#	Ret. Time	Area	Area%
1	11.939	945100	98.813
2	12.123	6524	0.682
3	13.668	2176	0.227
4	24.558	2651	0.277
Total		956452	100.000

Fig. 60

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K171870 (YDE-058)



Detector A

Minutes

(230nm) Pk #	Retention Time	Area	Area %
1	6.492	36263	0.915
2	10.750	9609	0.243
3	14.617	3861560	97.473
4	14.958	33751	0.852
5	15.883	2210	0.056
6	16.292	13260	0.335
7	21.000	5001	0.126
Totals		3961654	100.000

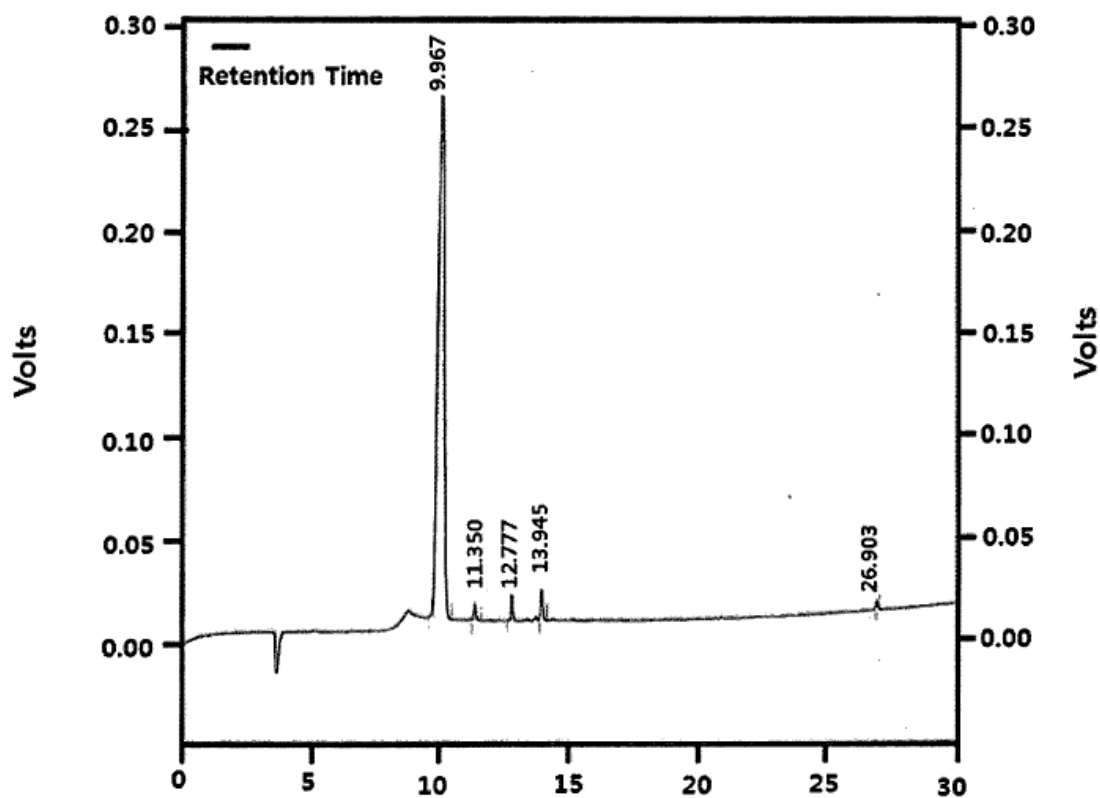
Fig. 61

Shimadzu CLASS-VP V6.14 SP1 new 10AVP

Area % Report

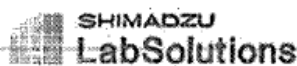
Page of 1

Sample ID : K171871 (YDE-059)



Detector A		Minutes		
(230nm) Pk #	Retention Time	Area	Area %	
1	9.967	4241746	95.874	
2	11.350	40399	0.913	
3	12.777	52325	1.183	
4	13.945	74918	1.693	
5	26.903	14911	0.337	
Totals		4424299	100.000	

Fig. 62

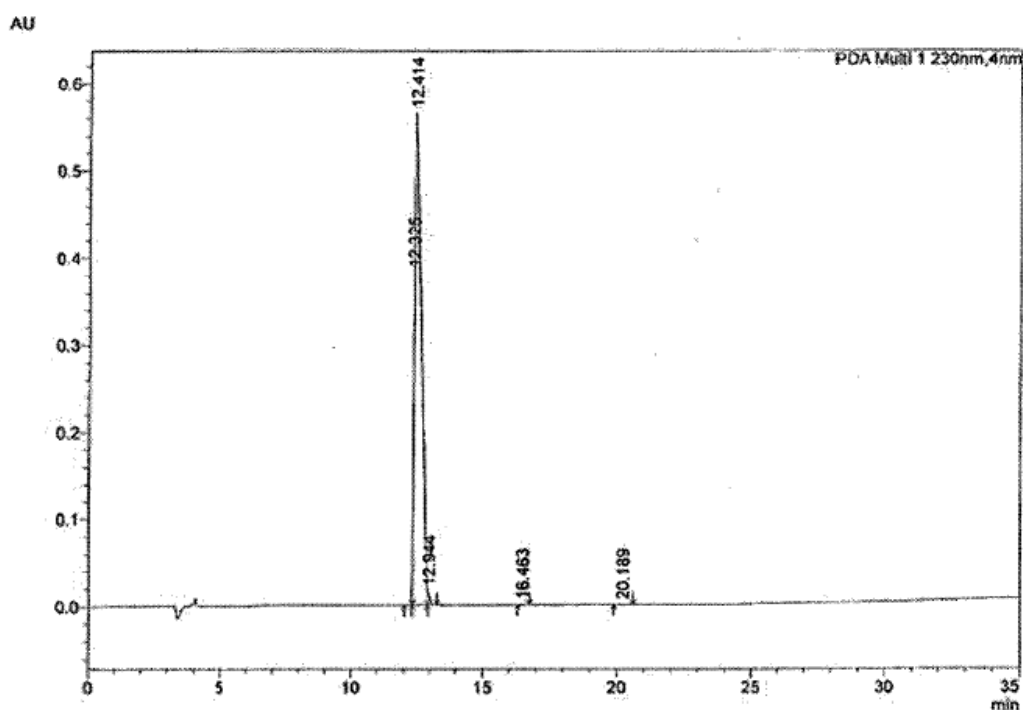


Analysis Report

<Sample Information>

Sample Name :K171872 (YDE-060)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	12.325	21419	0.202
2	12.414	10477432	98.960
3	12.944	77001	0.727
4	16.463	6326	0.060
5	20.189	5396	0.051
Total		10587574	100.000

Fig. 63

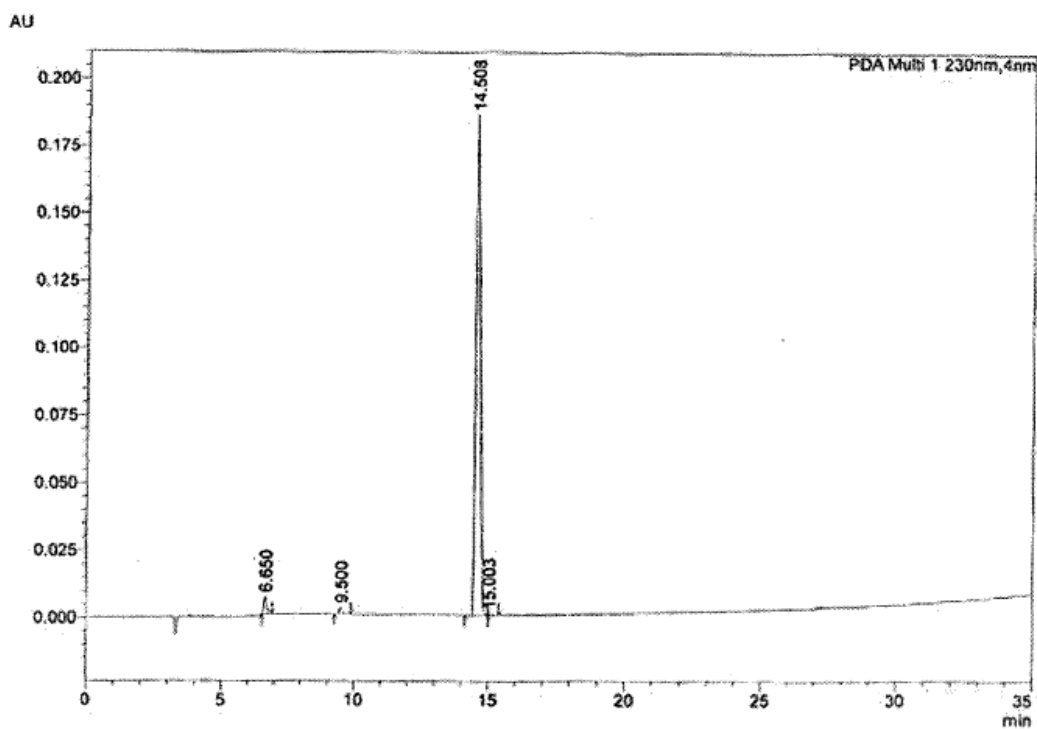


Analysis Report

<Sample Information>

Sample Name :K171987(YDE-064)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

Peak#	Ret. Time	Area	Area%
1	6.650	45425	2.187
2	9.500	15738	0.758
3	14.508	2014246	96.975
4	15.003	1669	0.080
Total		2077077	100.000

Fig. 64

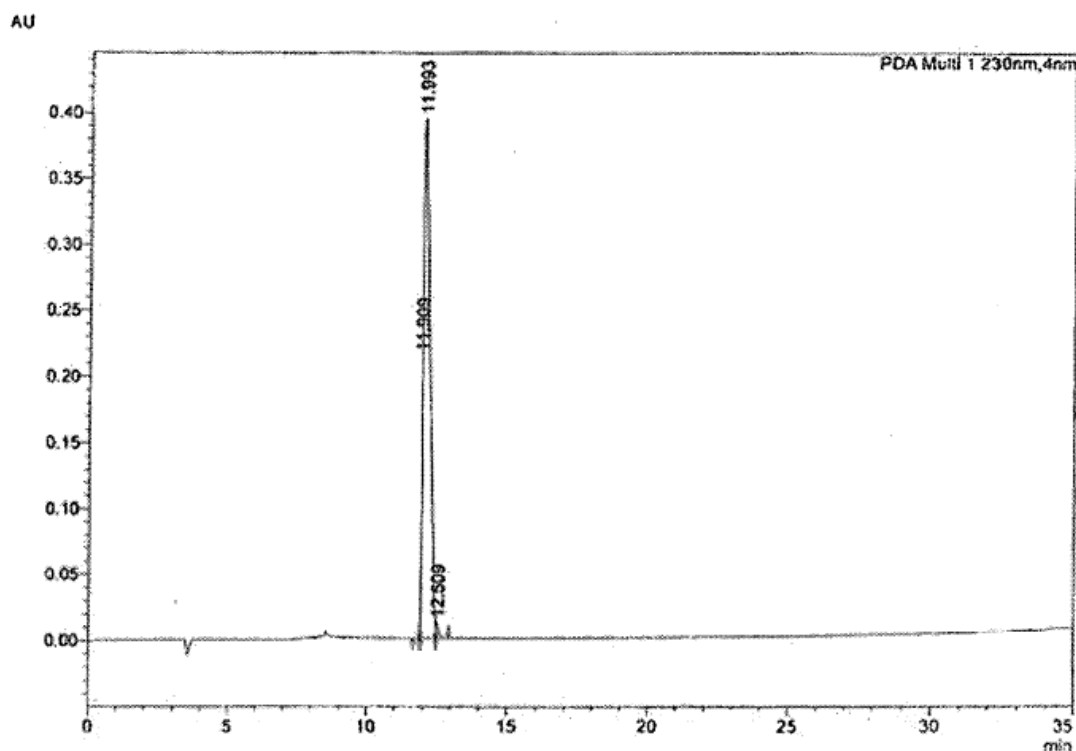


Analysis Report

<Sample Information>

Sample Name :K171989 (YDE-066)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

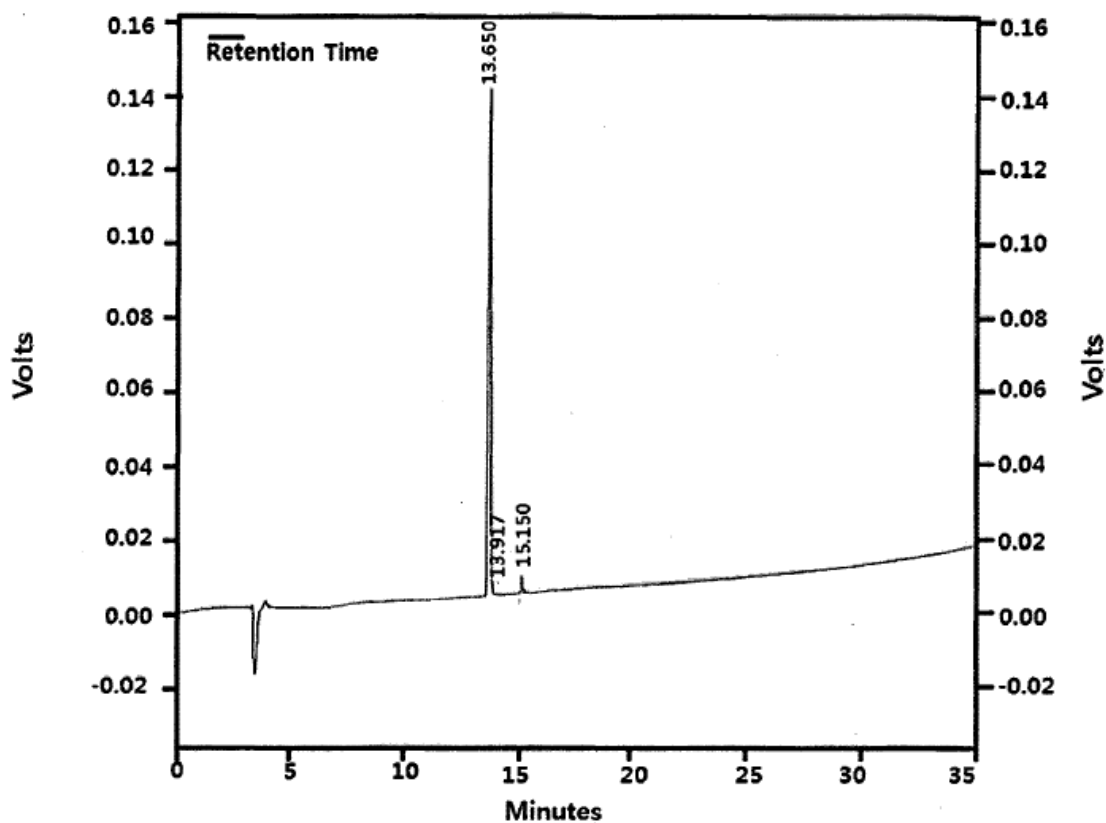
Peak#	Ret. Time	Area	Area%
1	11.909	1016	0.016
2	11.993	6411284	98.801
3	12.509	76758	1.183
Total		6489058	100.000

Fig. 65

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K180115 (YDE-072)



Detector A

(230nm)

Pk #	Retention Time	Area	Area %
1	13.650	1120198	97.732
2	13.917	1749	0.153
3	15.150	24243	2.115

Totals		1146190	100.000
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Fig. 66

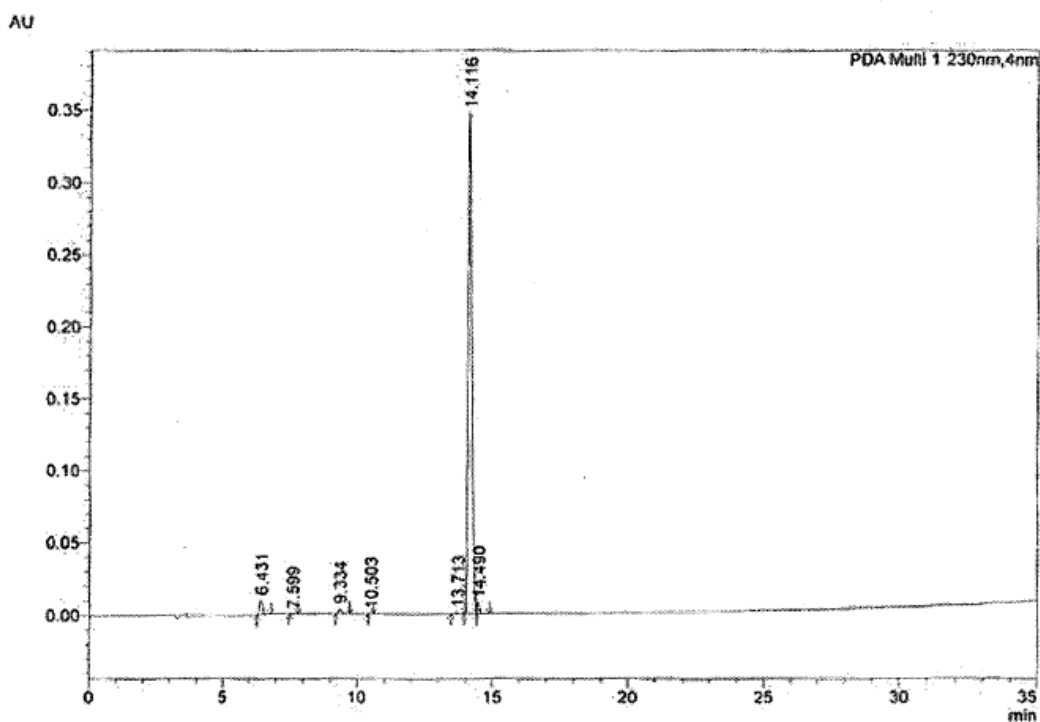


Analysis Report

<Sample Information>

Sample Name :K180116 (YDE-073)

<Chromatogram>



<Peak Table>

PDA Ch1 230nm

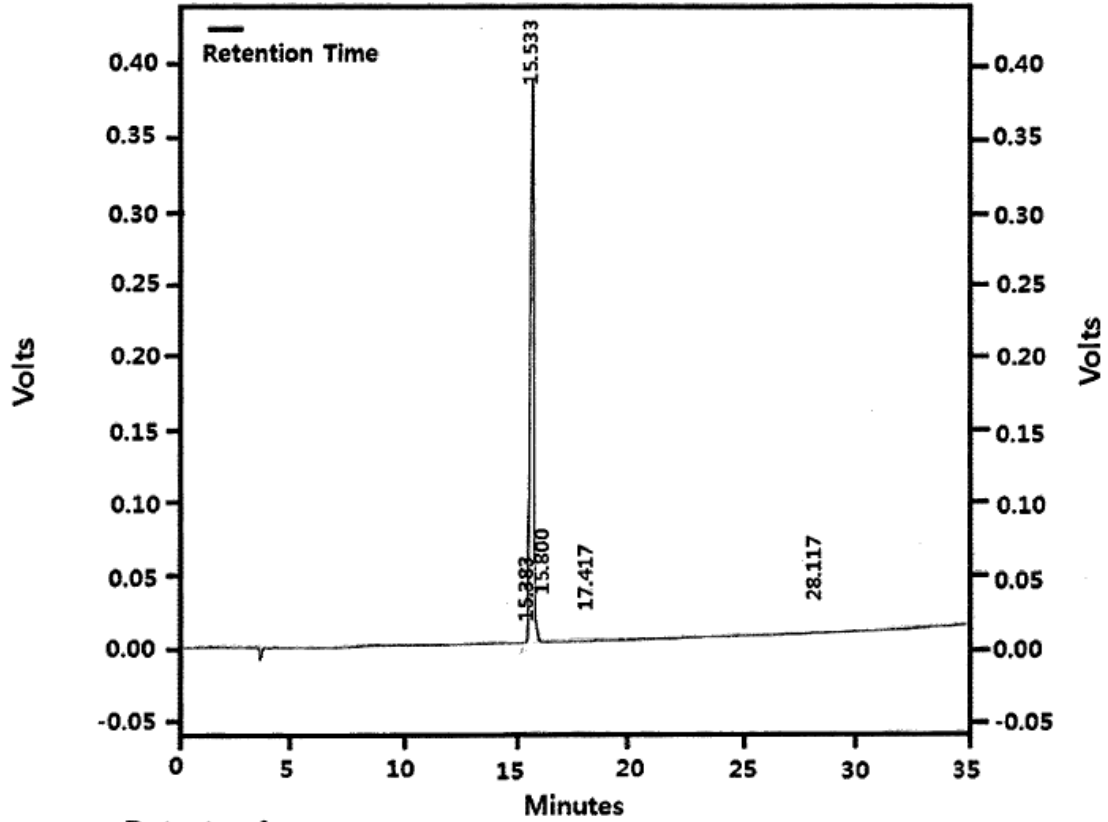
Peak#	Ret. Time	Area	Area%
1	6.431	84808	2.497
2	7.599	2612	0.077
3	9.334	26801	0.789
4	10.503	2243	0.066
5	13.713	11180	0.329
6	14.116	3228240	95.033
7	14.490	41081	1.209
Total		3396964	100.000

Fig. 67

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K180117 (YDE-074)



Detector A

(230nm) Pk #

	Retention Time	Area	Area %
1	15.383	1715	0.042
2	15.533	3991816	97.947
3	15.800	78057	1.915
4	17.417	1505	0.037
5	28.117	2389	0.059

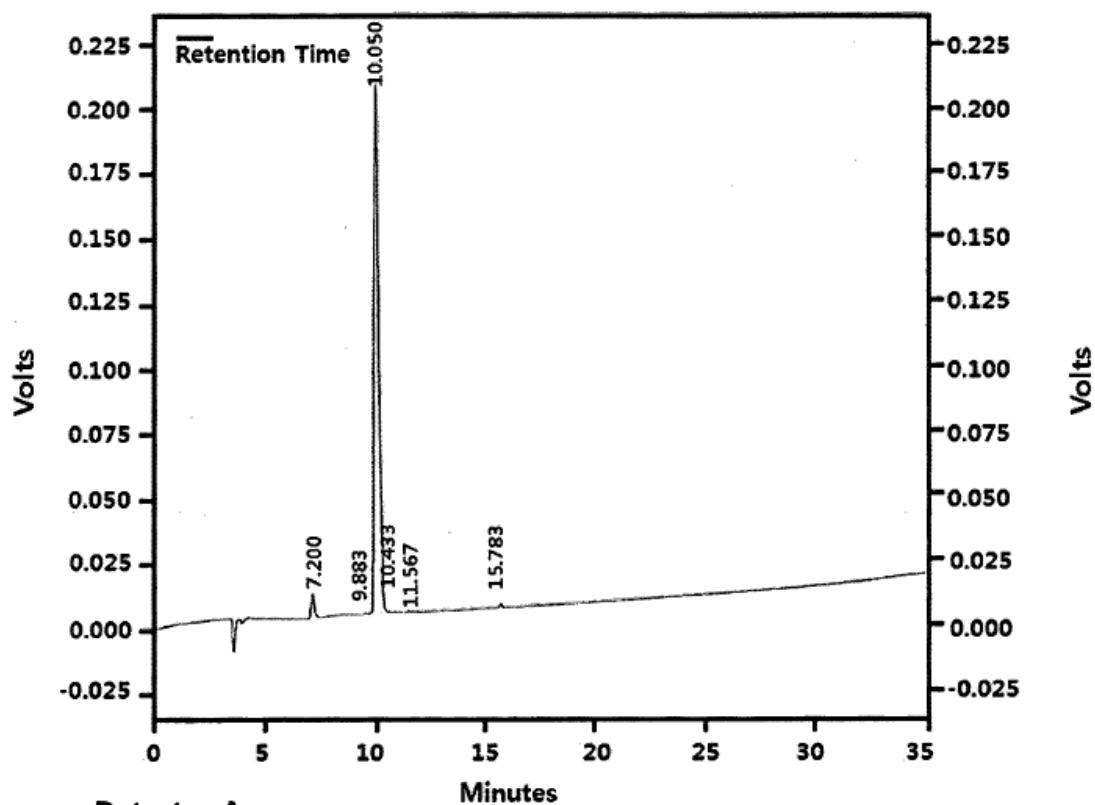
Totals		4075482	100.000
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Fig. 68

Shimadzu CLASS-VP V6.14 SP1 20A_prep

Area % Report

Sample ID : K180118 (YDE-075)



Detector A

(230nm) Pk #

Retention Time

Area

Area %

1	7.200	87289	2.762
2	9.883	1976	0.063
3	10.050	3045468	96.361
4	10.433	11869	0.376
5	11.567	3797	0.120
6	15.783	10067	0.319
Totals		3160466	100.000

Fig. 69

Anygen
K161389
Data: <Untitled>.L9[c] 26 Sep 2016 12:56 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 29, P.Ext. @ 1000 (bin 56)
%Int. 223 mV Profiles 1-7: Threshold 25% Centroid [Adaptive]

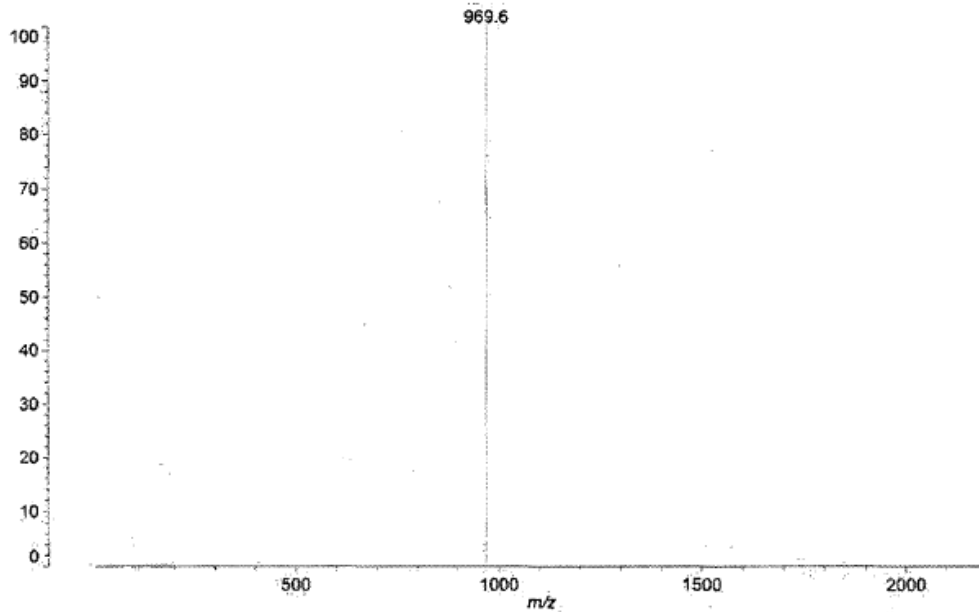


Fig. 70

Anygen
K161390
Data: <Untitled>.K9[c] 26 Sep 2016 12:56 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 29, P.Ext. @ 1000 (bin 56)
%Int. 196 mV Profiles 1-14: Threshold 25% Centroid [Adaptive]

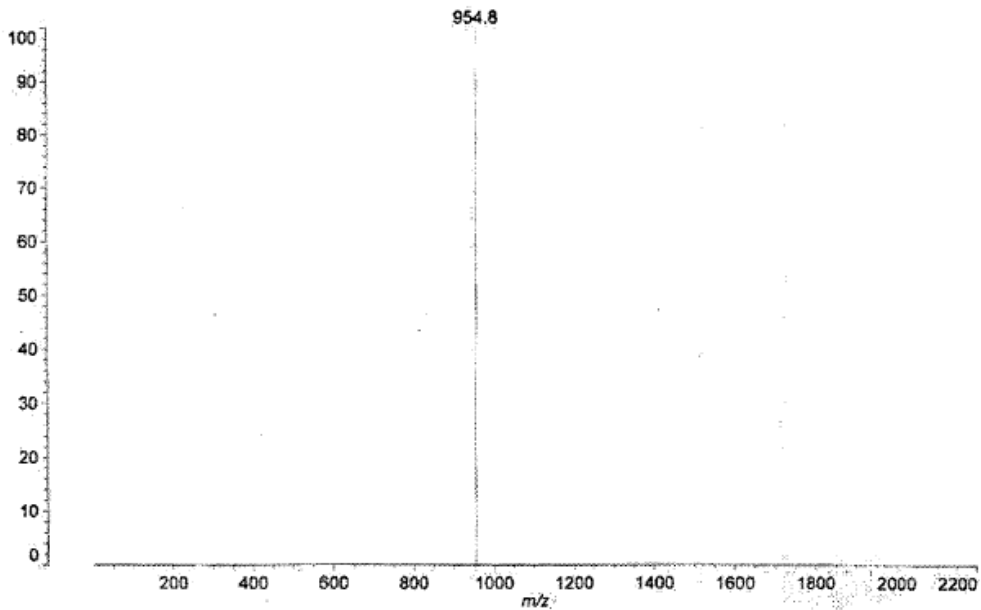


Fig. 71

Anygen
K161391
Data: <Untitled>.E13[c] 27 Sep 2016 10:13 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 30, P.Ext. @ 1000 (bin 56)
%Int. 117 mV Profiles 1-15: Threshold 25% Centroid [Adaptive]

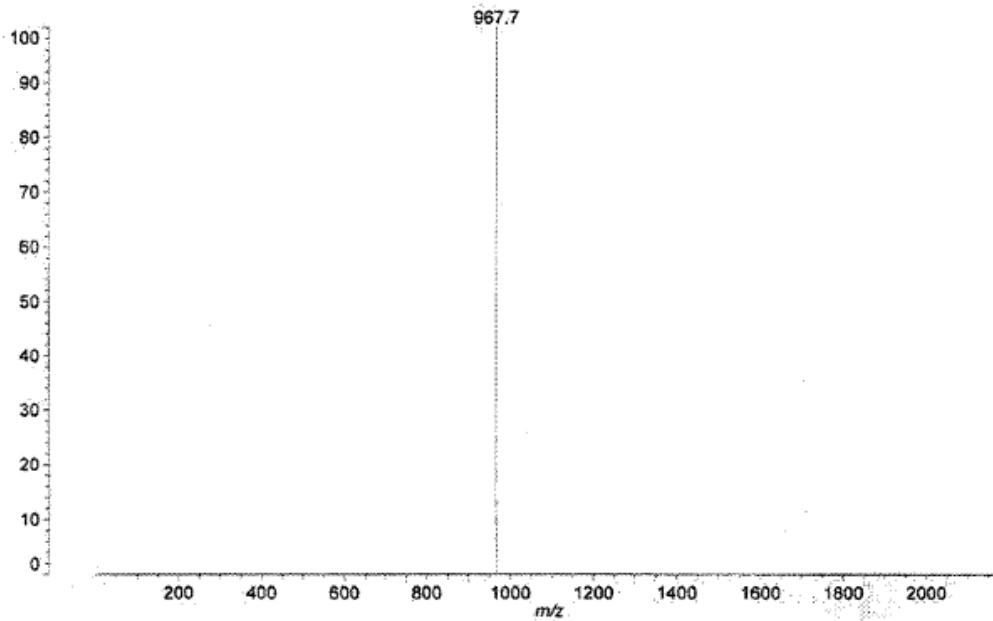


Fig. 72

Anygen
K161392
Data: <Untitled>.F13[c] 27 Sep 2016 10:15 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 30, P.Ext. @ 1000 (bin 56)
%Int. 1974 mV Profiles 1-6: Threshold 25% Centroid [Adaptive]

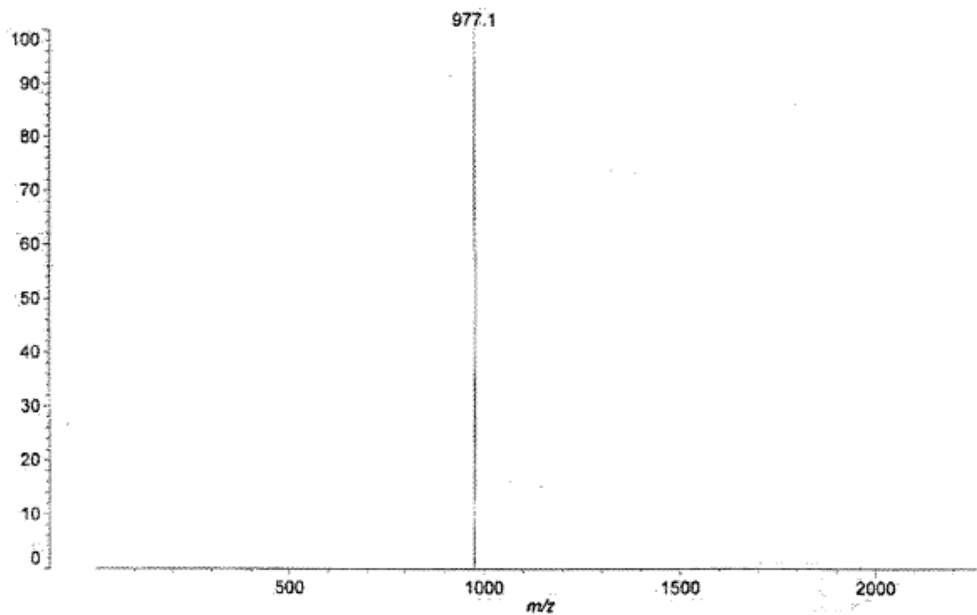


Fig. 73

Anygen
K161393
Data: K161393-0002.G13[c] 27 Sep 2016 10:15 Cal: 400-4000 24 Jun 2015 9:11
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 30, P.Ext. @ 1000 (bin 56)
%Int. 147 mV Profiles 1-24: Threshold 25% Centroid [Adaptive]

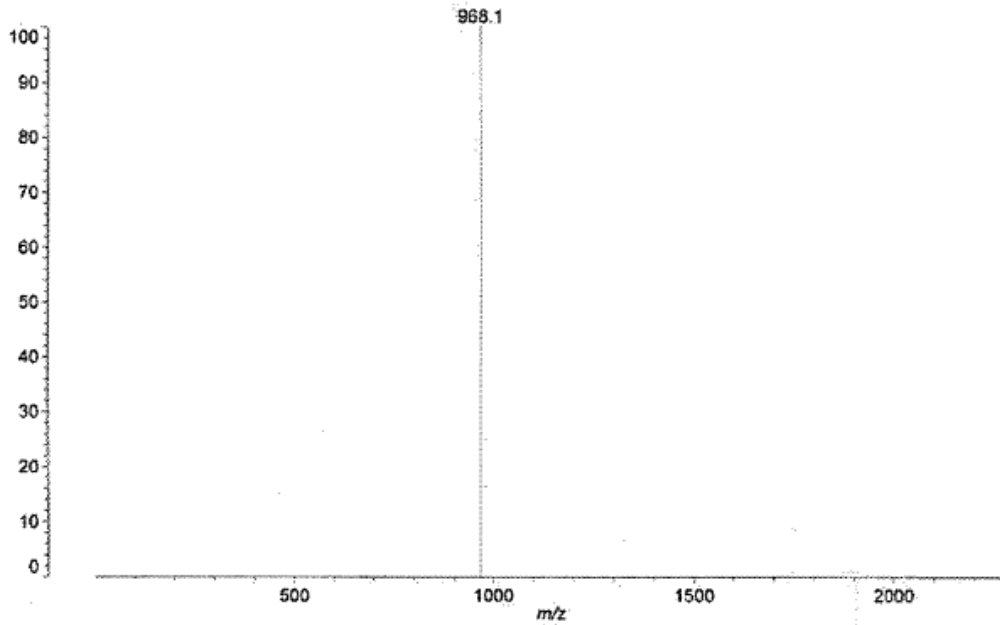


Fig. 74

Anygen
K161394
Data: K161394-0002.H13[c] 27 Sep 2016 10:16 Cal: 400-4000 24 Jun 2015 9:11
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 39, P.Ext. @ 1000 (bin 56)
%Int. 168 mV Profiles 1-51: Threshold 25% Centroid [Adaptive]

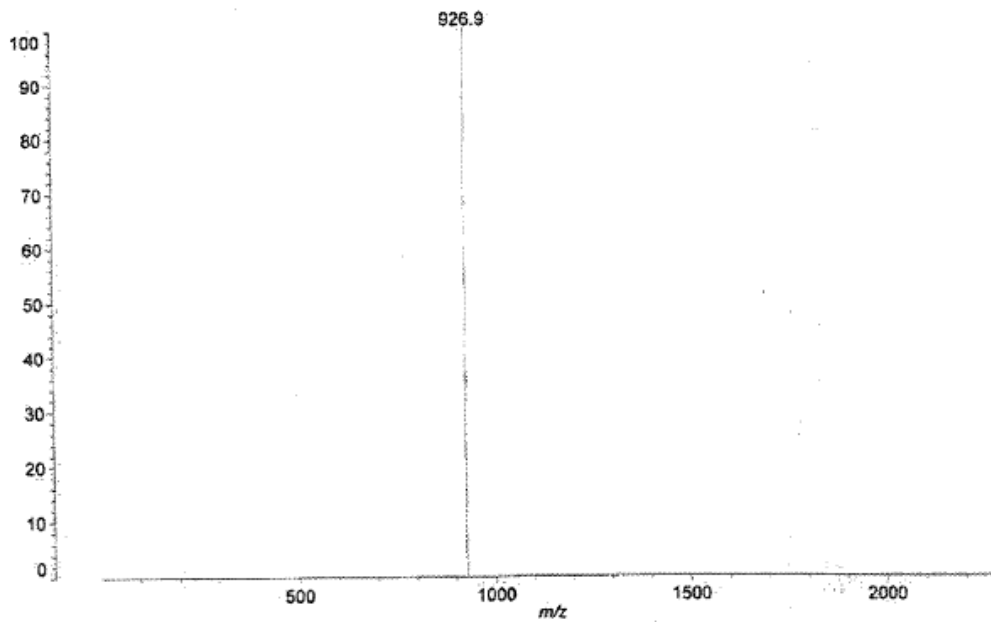


Fig. 75

Anygen
K161395
Data: K161395-0002.J13[c] 27 Sep 2016 10:16 Cal: 400-4000 24 Jun 2015 9:11
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 39, P.Ext. @ 1000 (bin 56)
%Int. 303 mV Profiles 1-56: Threshold 25% Centroid [Adaptive]

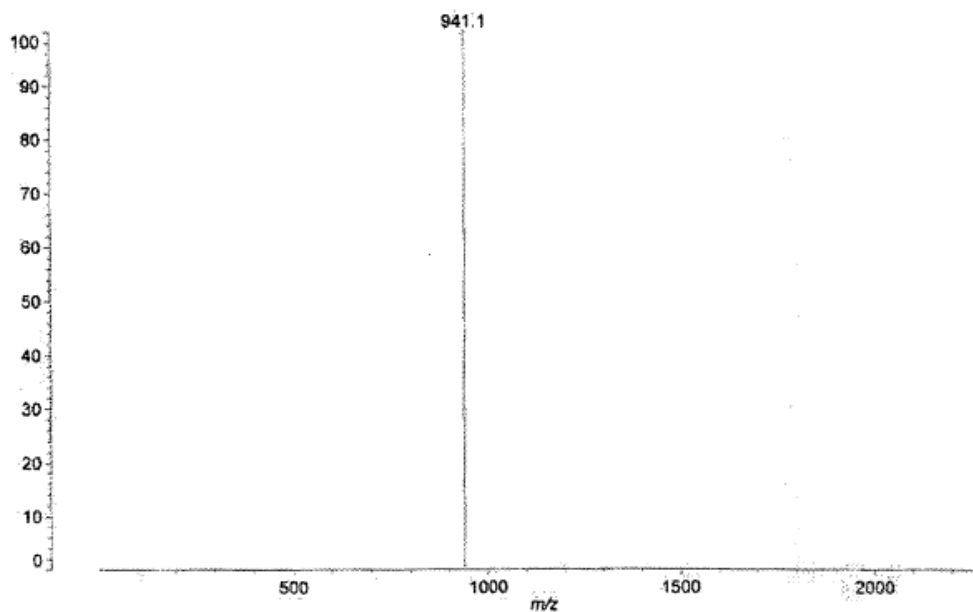


Fig. 76

Anygen
K161396
Data: K161396-0002.J13[c] 27 Sep 2016 10:17 Cal: 400-4000 24 Jun 2015 9:11
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 39, P.Ext. @ 1000 (bin 56)
%Int. 510 mV Profiles 1-10: Threshold 25% Centroid [Adaptive]

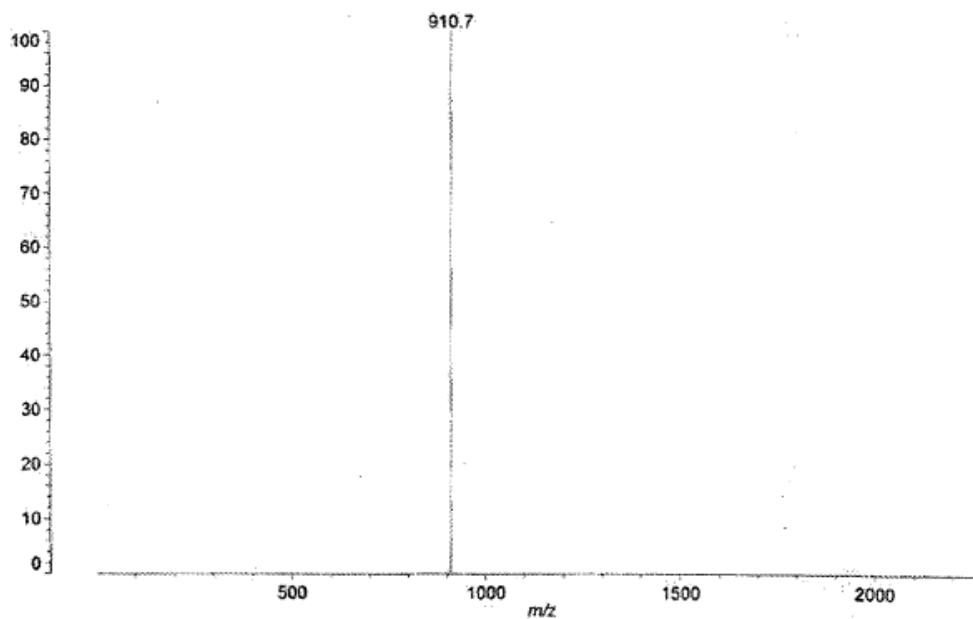


Fig. 77

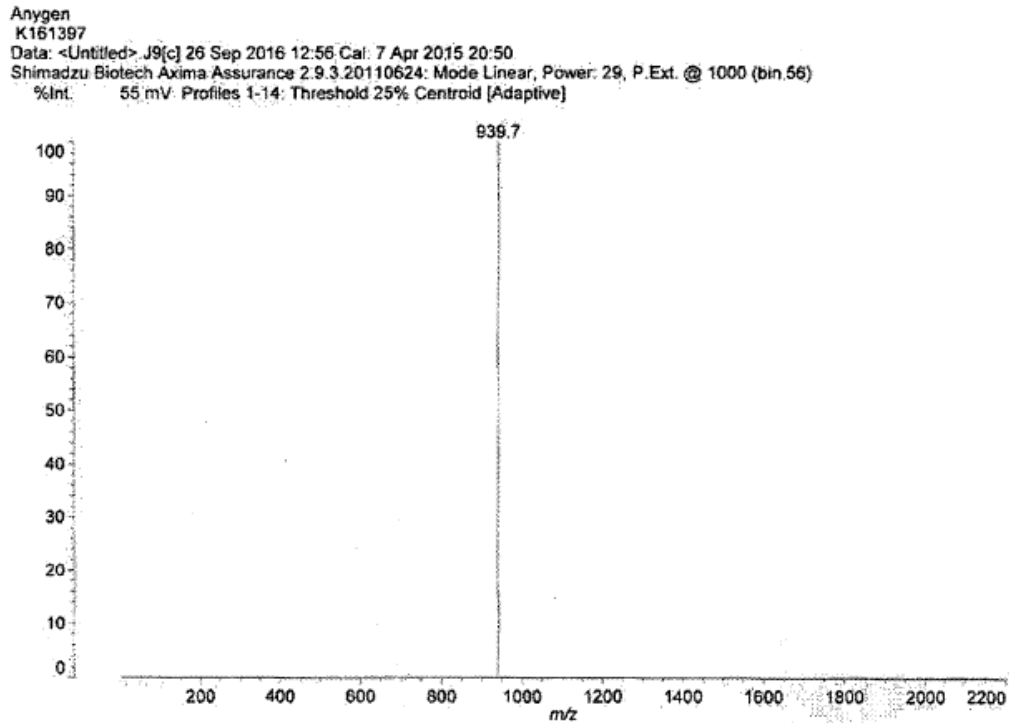


Fig. 78

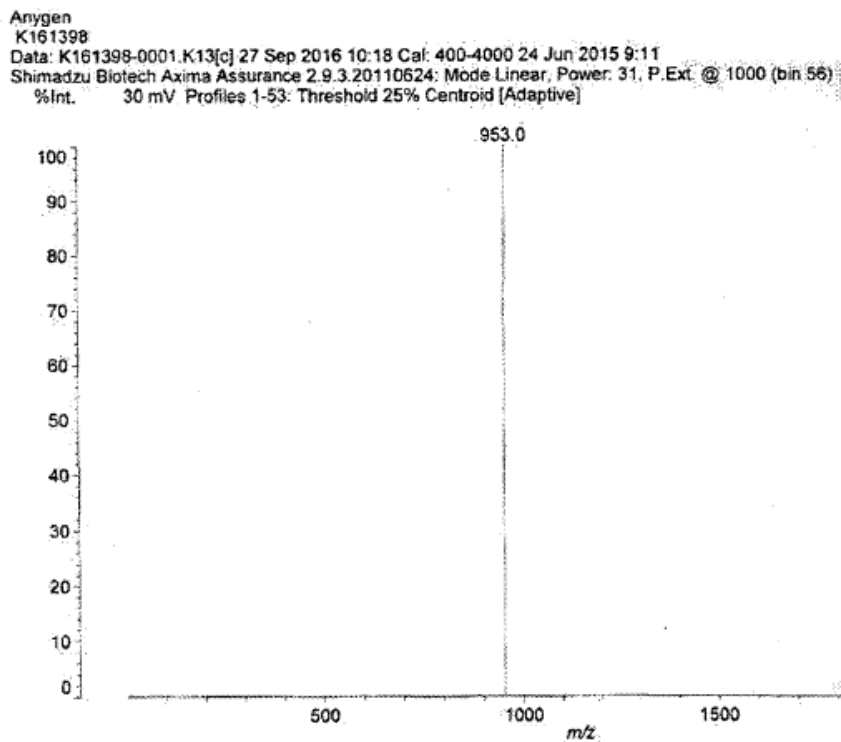


Fig. 79

Anygen
K161399
Data: <Untitled>.I9[c] 26 Sep 2016 12:55 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 29, P.Ext. @ 1000 (bin 56)
%Int. 11 mV Profiles 1-52: Threshold 25% Centroid [Adaptive]

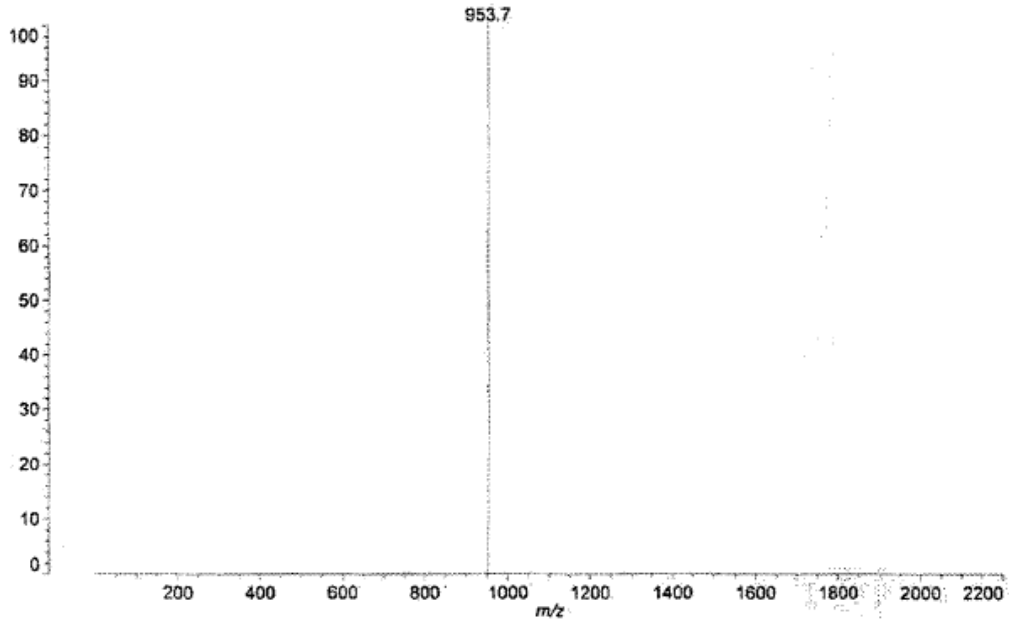


Fig. 80

Anygen
K161400
Data: <Untitled> H9[c] 26 Sep 2016 12:55 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 29, P.Ext. @ 1000 (bin 56)
%Int. 179 mV Profiles 1-73: Threshold 25% Centroid [Adaptive]

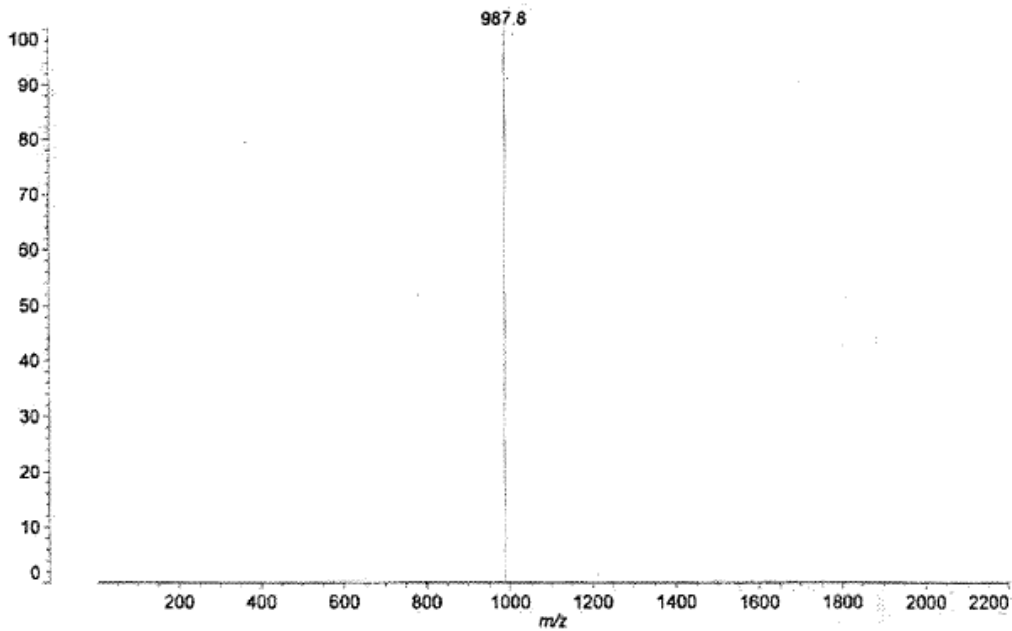


Fig. 81

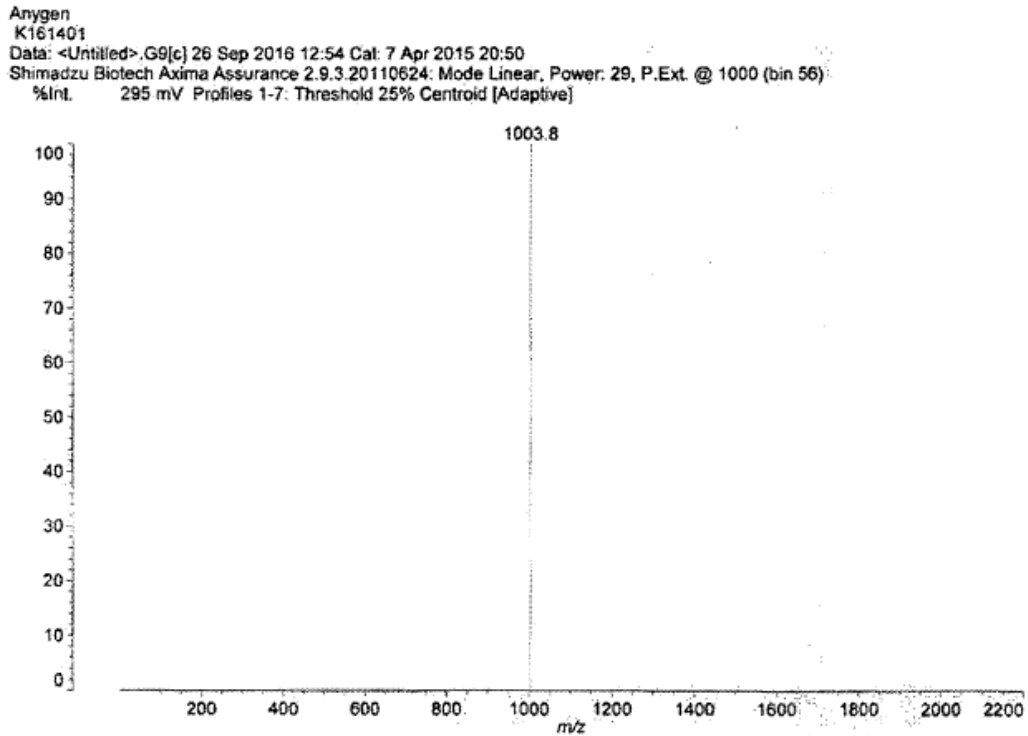


Fig. 82

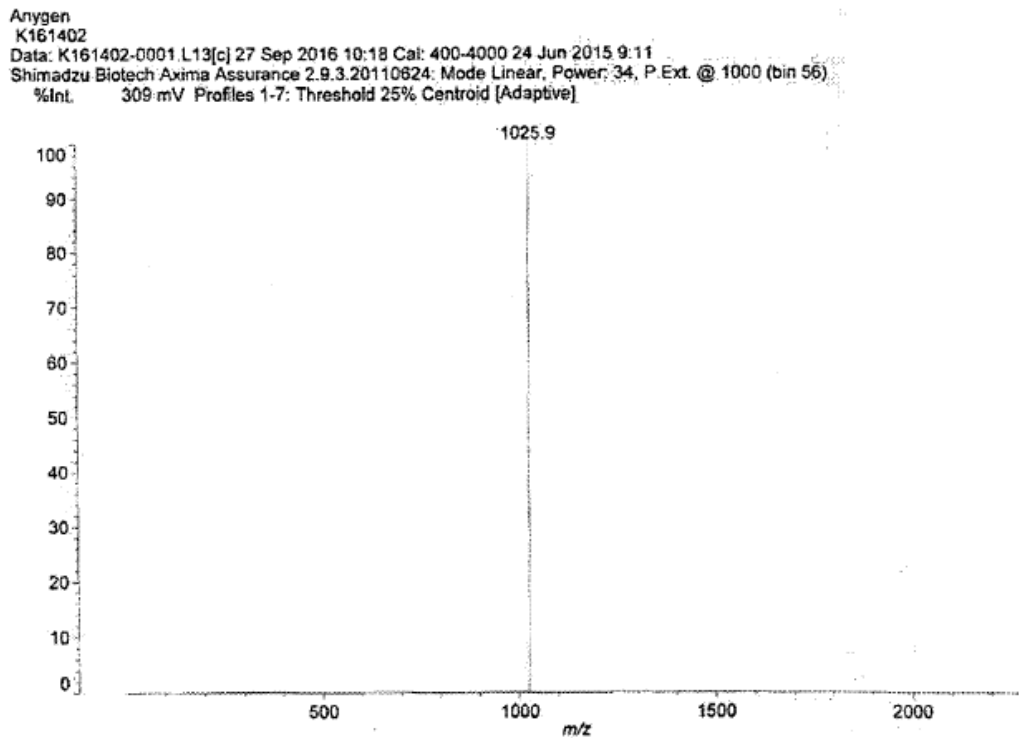


Fig. 83

Anygen
K161403
Data: <Untitled>.M13[c] 27 Sep 2016 10:18 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3 20110624: Mode Linear, Power: 34, P.Ext. @ 1000 (bin 56)
%Int. 19 mV Profiles 1-101: Threshold 25% Centroid [Adaptive]

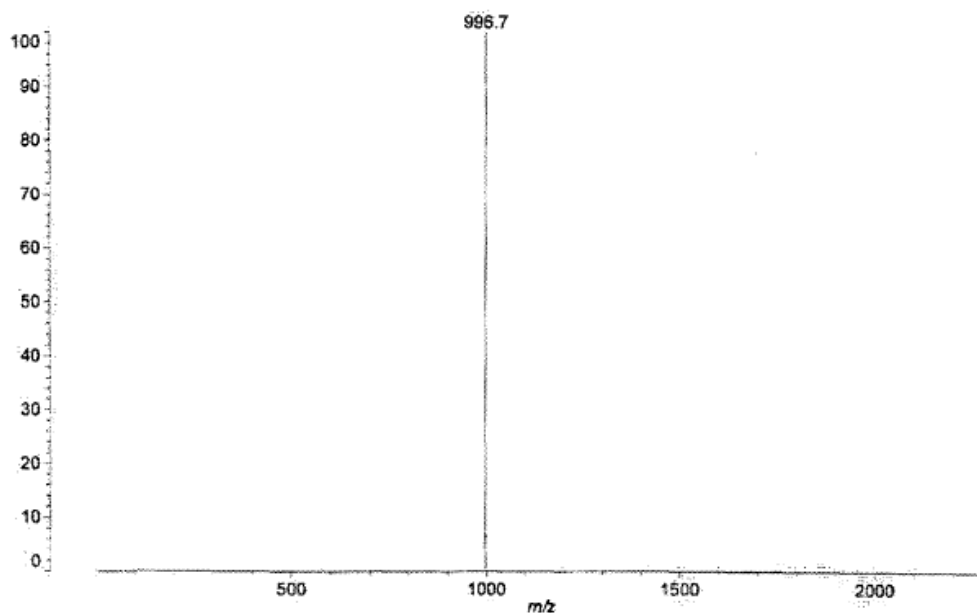


Fig. 84

Anygen
K161404
Data: K161404-0001.N13[c] 27 Sep 2016 10:19 Cal: 400-4000 24 Jun 2015 9:11
Shimadzu Biotech Axima Assurance 2.9.3 20110624: Mode Linear, Power: 40, P.Ext. @ 1000 (bin 56)
%Int. 162 mV Profiles 1-85: Threshold 25% Centroid [Adaptive]

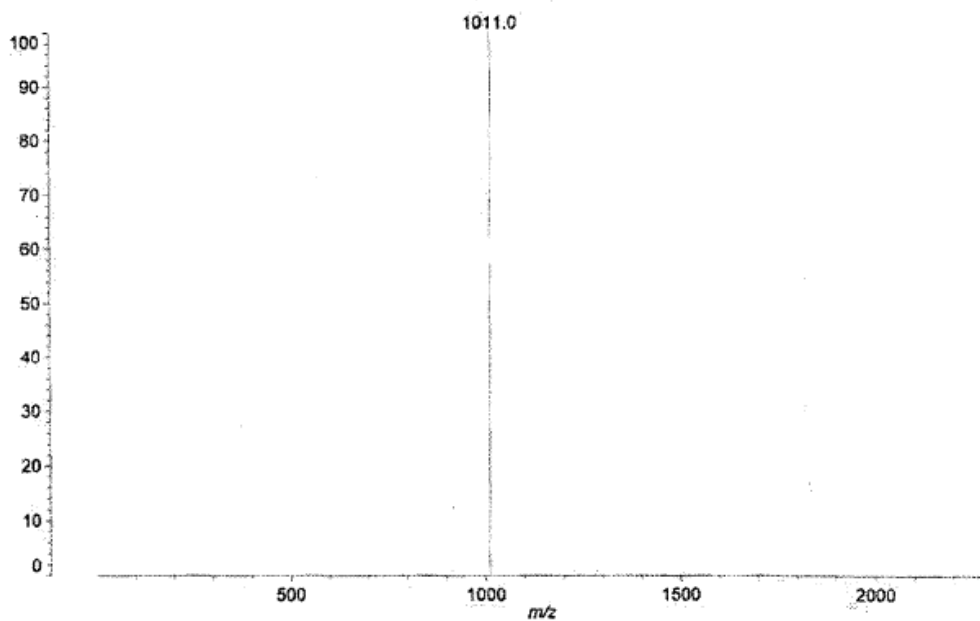


Fig. 85

Anygen
K161405
Data: <Untitled>.M16[c] 28 Sep 2016 13:09 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 22, P.Ext. @ 1000 (bin 56)
%Int. 64 mV Profiles 1-106: Threshold 25% Centroid [Adaptive]

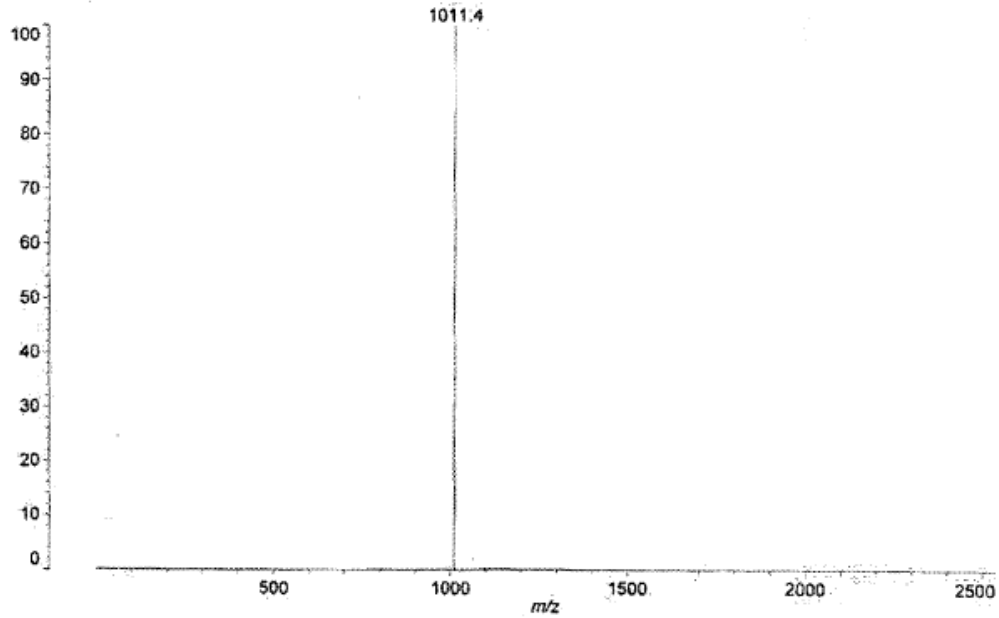


Fig. 86

Anygen
K161406
Data: <Untitled>.O13[c] 27 Sep 2016 10:20 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 37, P.Ext. @ 1000 (bin 56)
%Int. 25 mV Profiles 1-55: Threshold 25% Centroid [Adaptive]

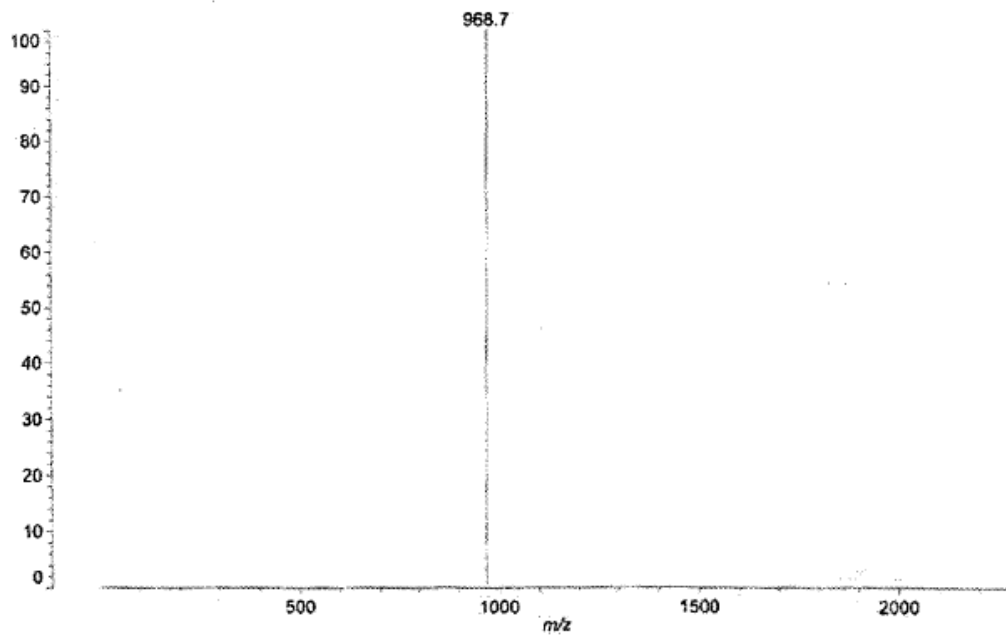


Fig. 87

Anygen
K161407
Data: <Untitled>.P13[c] 27 Sep 2016 10:20 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 37, P.Ext. @ 1000 (bin 56)
%Int. 337 mV Profiles 1-132: Threshold 25% Centroid [Adaptive]

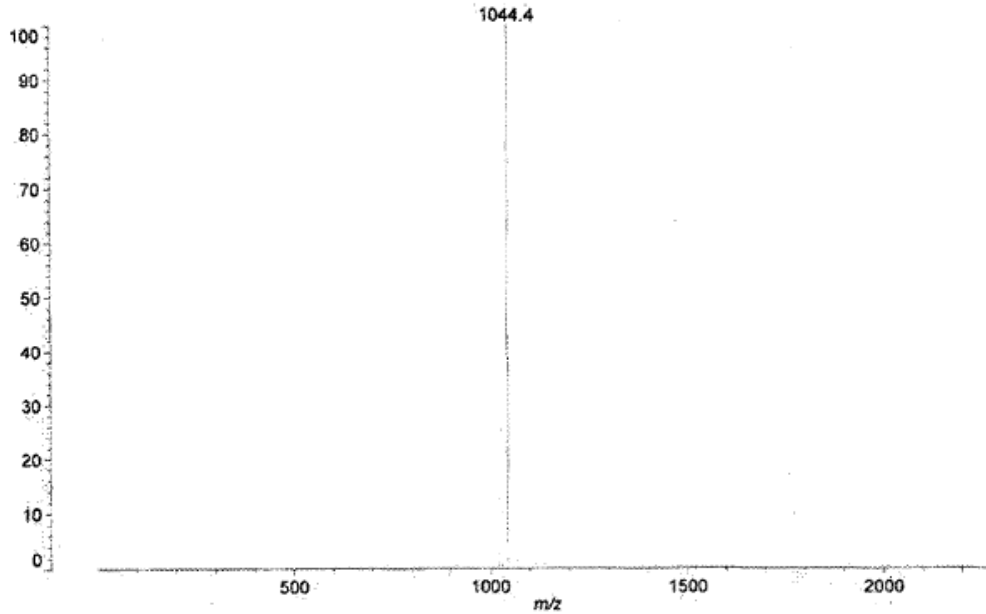


Fig. 88

Anygen
K161408
Data: <Untitled>.O7[c] 26 Sep 2016 12:48 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 33, P.Ext. @ 1000 (bin 56)
%Int. 405 mV Profiles 1-40: Threshold 25% Centroid [Adaptive]

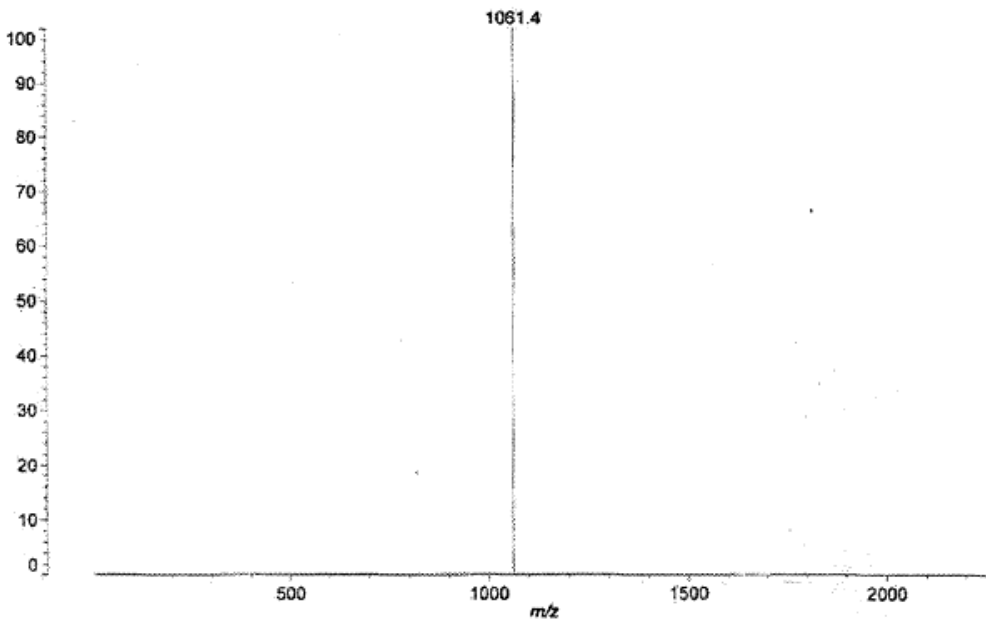


Fig. 89

Anygen
K161409
Data: <Untitled>.N7[c] 26 Sep 2016 12:48 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 33, P.Ext. @ 1000 (bin 56)
%Int. 432 mV Profiles 1-25: Threshold 25% Centroid [Adaptive]

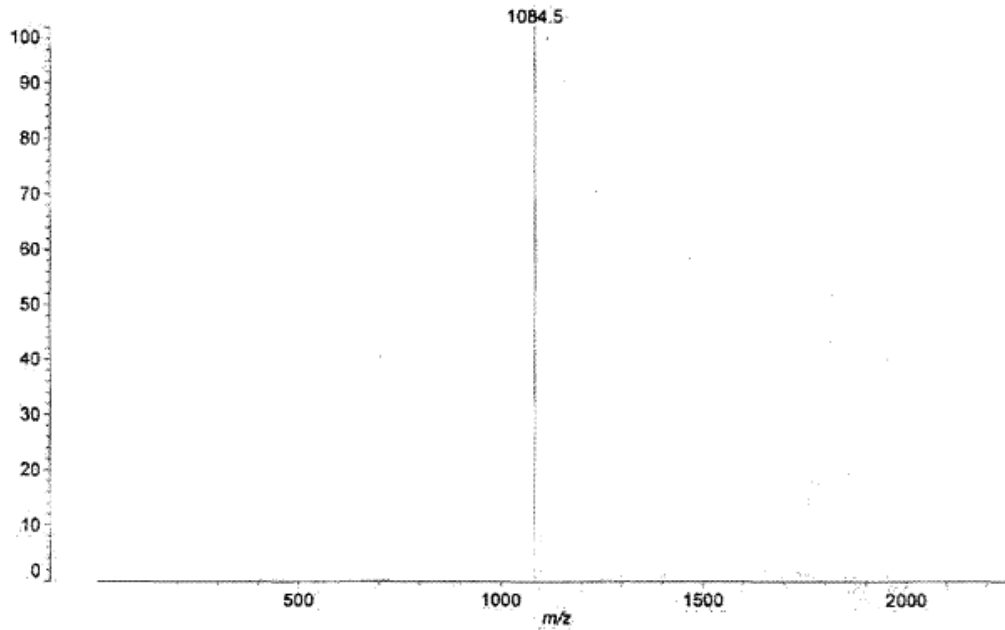


Fig. 90

Anygen
K161410
Data: <Untitled>.E14[c] 27 Sep 2016 10:21 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 37, P.Ext. @ 1000 (bin 56)
%Int. 1132 mV Profiles 1-9: Threshold 25% Centroid [Adaptive]

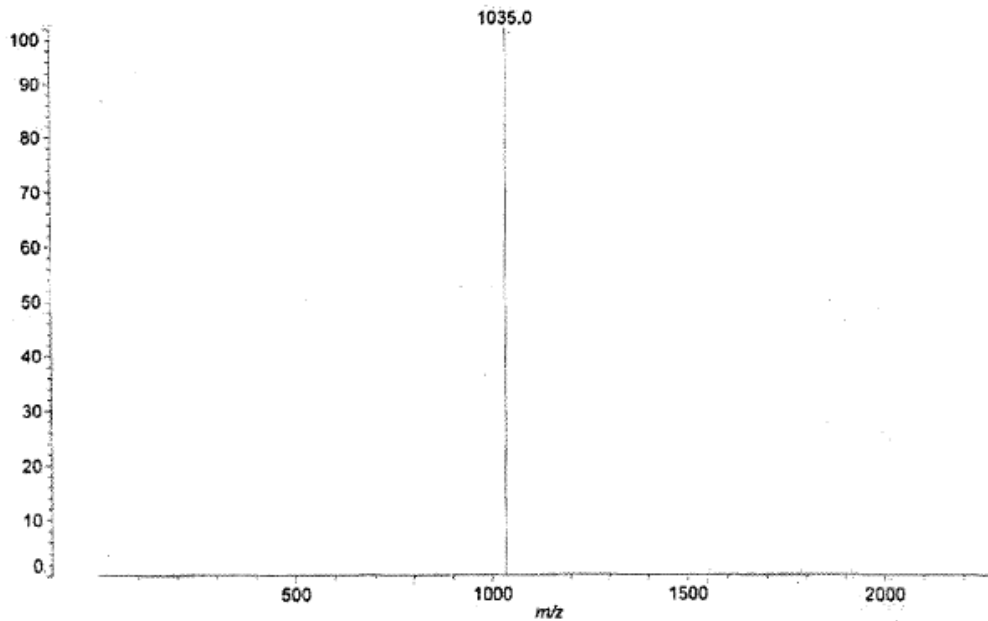


Fig. 91

Anygen
K161411
Data: <Untitled>.F14[c] 27 Sep 2016 10:22 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 37, P.Ext. @ 1000 (bin 56)
%Int. 45 mV Profiles 1-64: Threshold 25% Centroid [Adaptive]

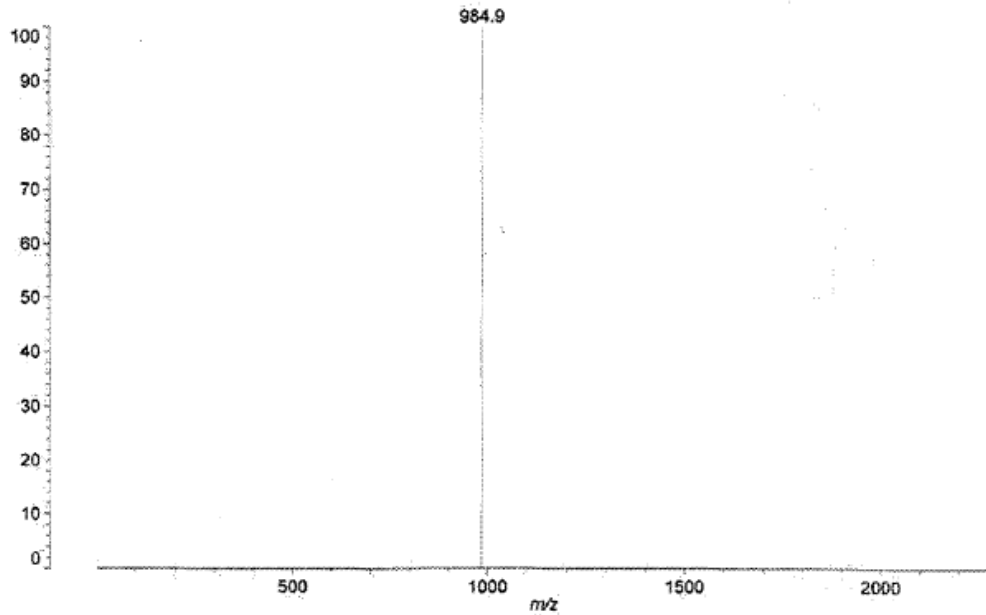


Fig. 92

Anygen
K161412
Data: <Untitled>.G14[c] 27 Sep 2016 10:22 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 37, P.Ext. @ 1000 (bin 56)
%Int. 134 mV Profiles 1-71: Threshold 25% Centroid [Adaptive]

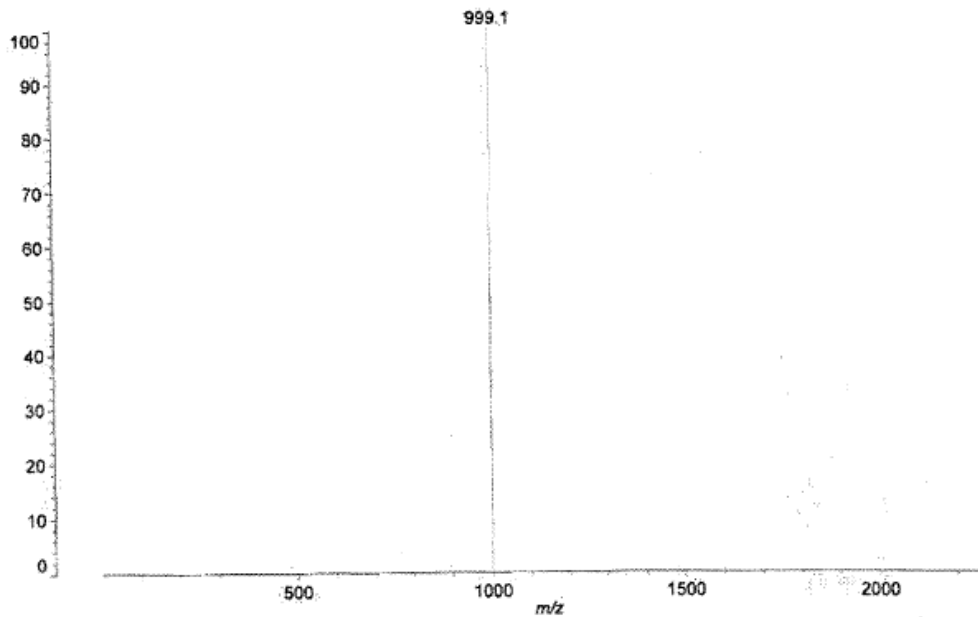


Fig. 93

Anygen
K161413
Data: <Untitled>.I21[c] 13 Oct 2016 14:40 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 35, P.Ext. @ 1000 (bin 56)
%Int. 33 mV Profiles 1-46: Threshold 25% Centroid [Adaptive]

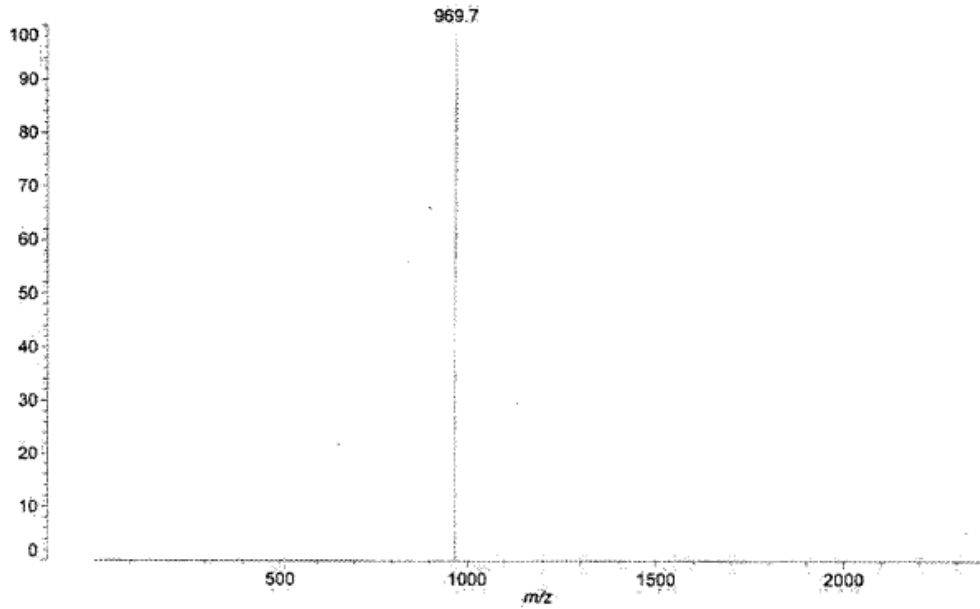


Fig. 94

Anygen
K161414
Data: <Untitled>.M18[c] 27 Oct 2016 14:10 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 37, Blanked, P.Ext. @ 2000 (bin 84)
%Int. 11 mV Profiles 1-27: Threshold 25% Centroid [Adaptive]

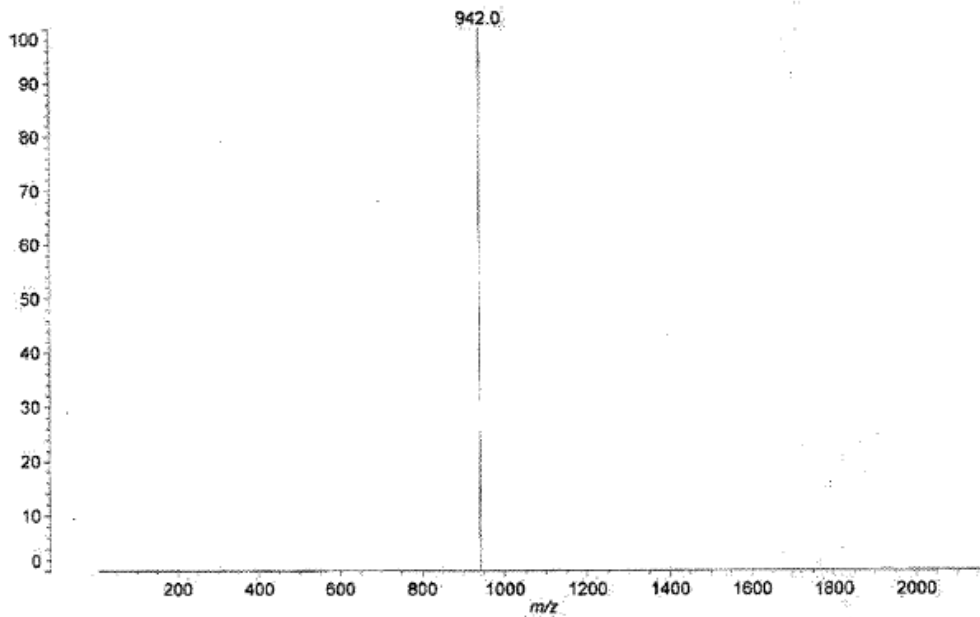


Fig. 95

Anygen
K161415
Data: <Untitled> A20[c] 3 Nov 2016 15:16 Cal: peptide 25 Oct 2016 15:11
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 22, P.Ext. @ 1000 (bin 56)
%Int. 422 mV Profiles 1-90: Threshold 25% Centroid [Adaptive]

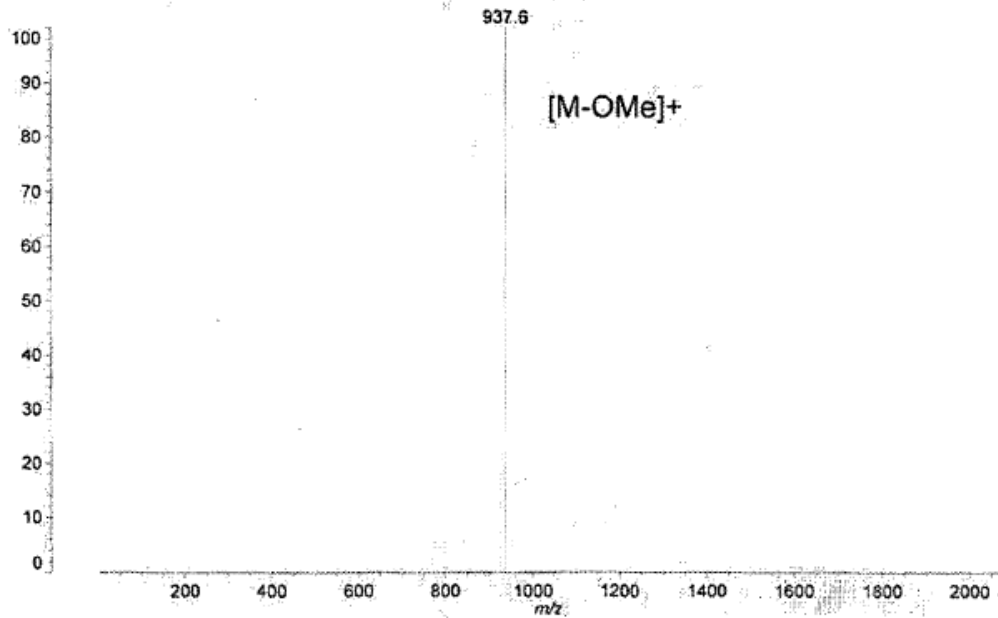


Fig. 96

Anygen
K161416
Data: <Untitled> N18[c] 27 Oct 2016 14:10 Cal: 400-4000 24 Jun 2015 9:11
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 32, Blanked, P.Ext. @ 2000 (bin 64)
%Int. 166 mV Profiles 1-39: Threshold 25% Centroid [Adaptive]

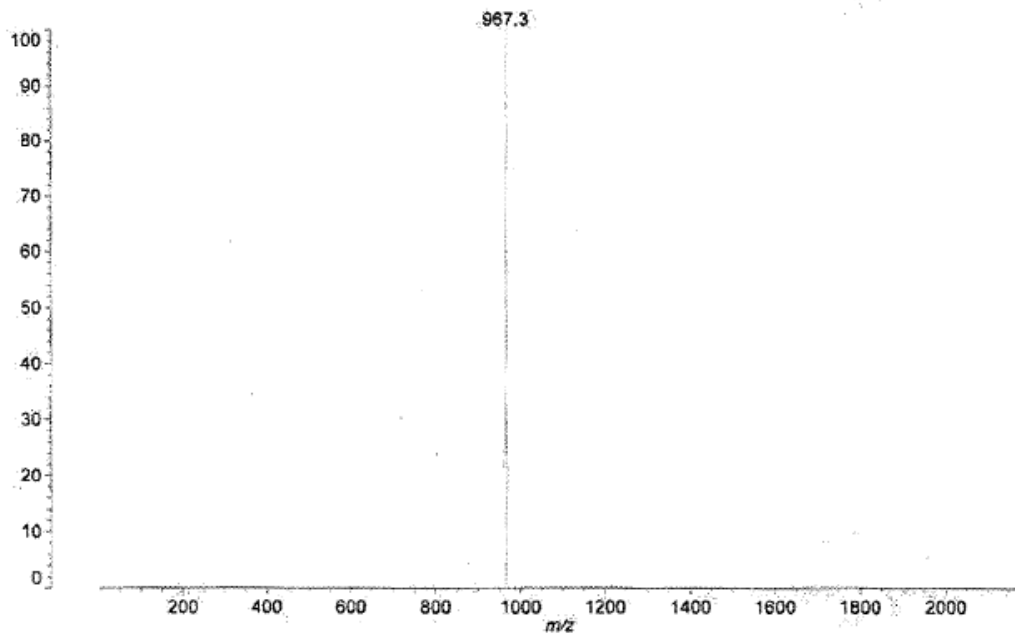


Fig. 97

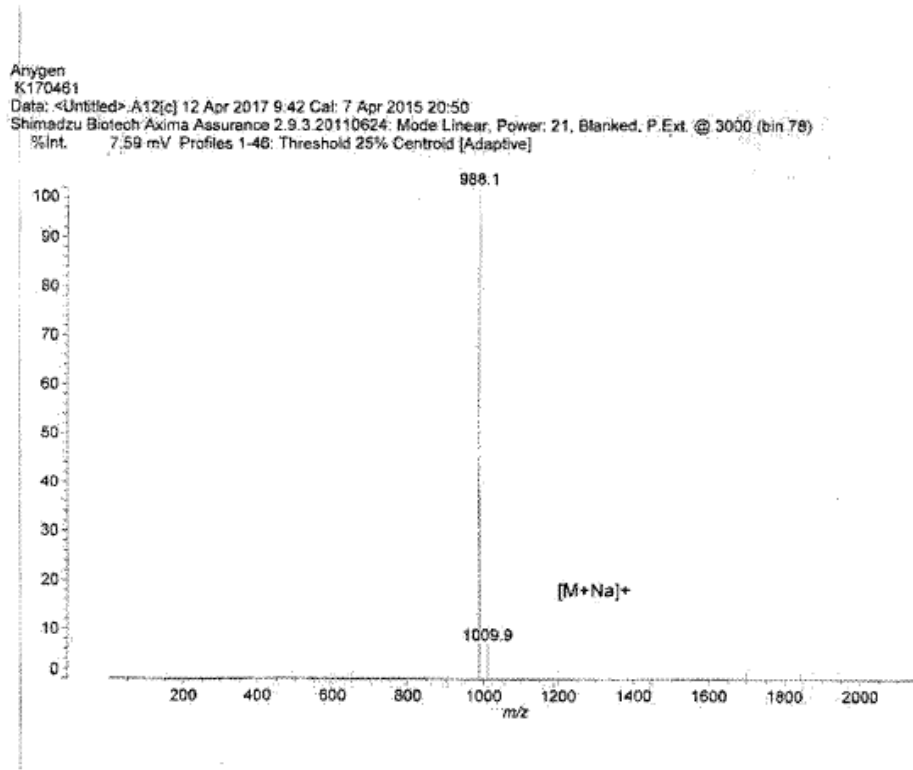


Fig. 98

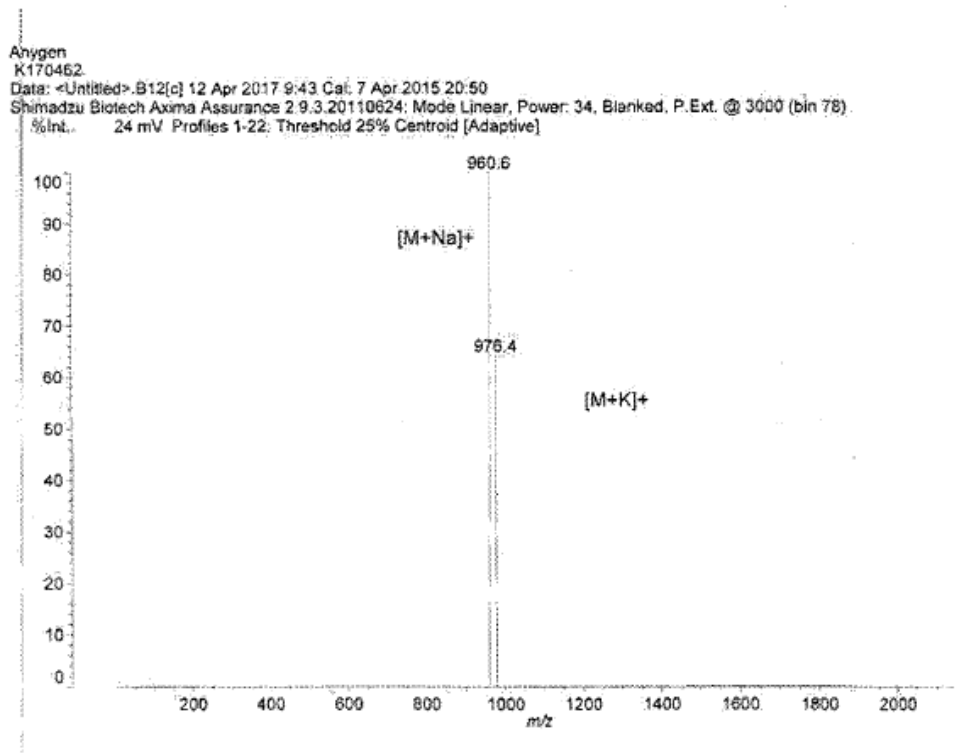


Fig. 99

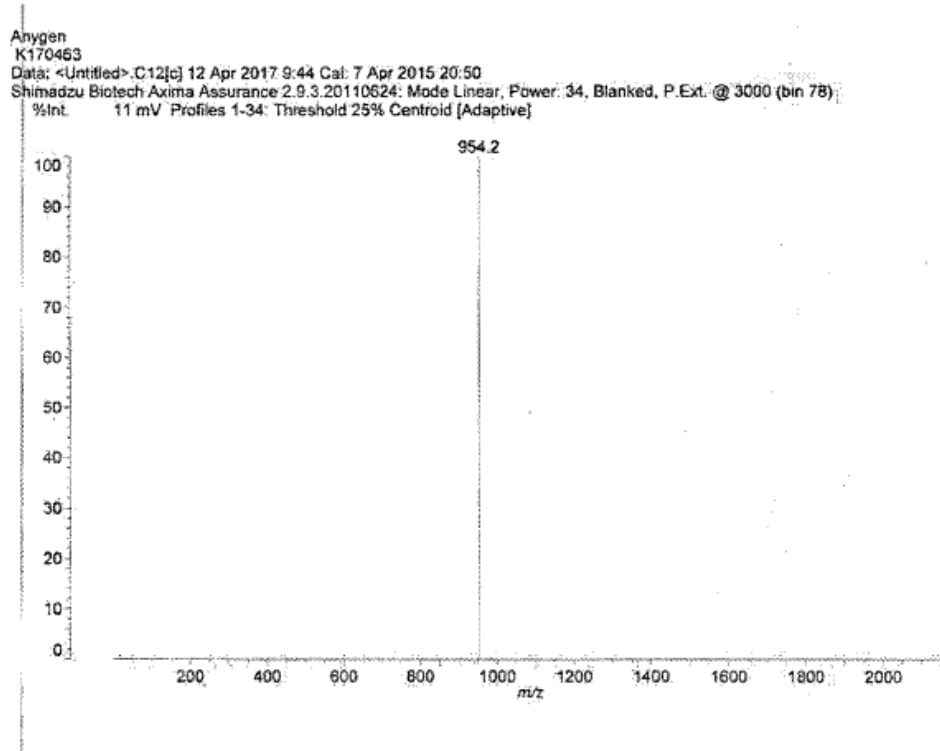


Fig. 100

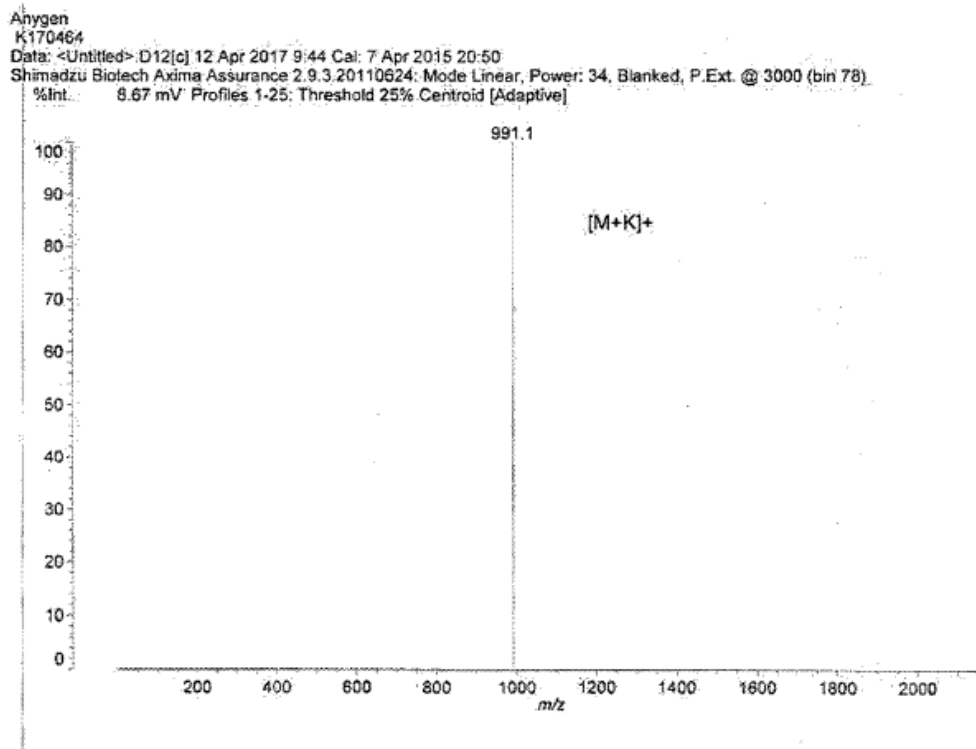


Fig. 101

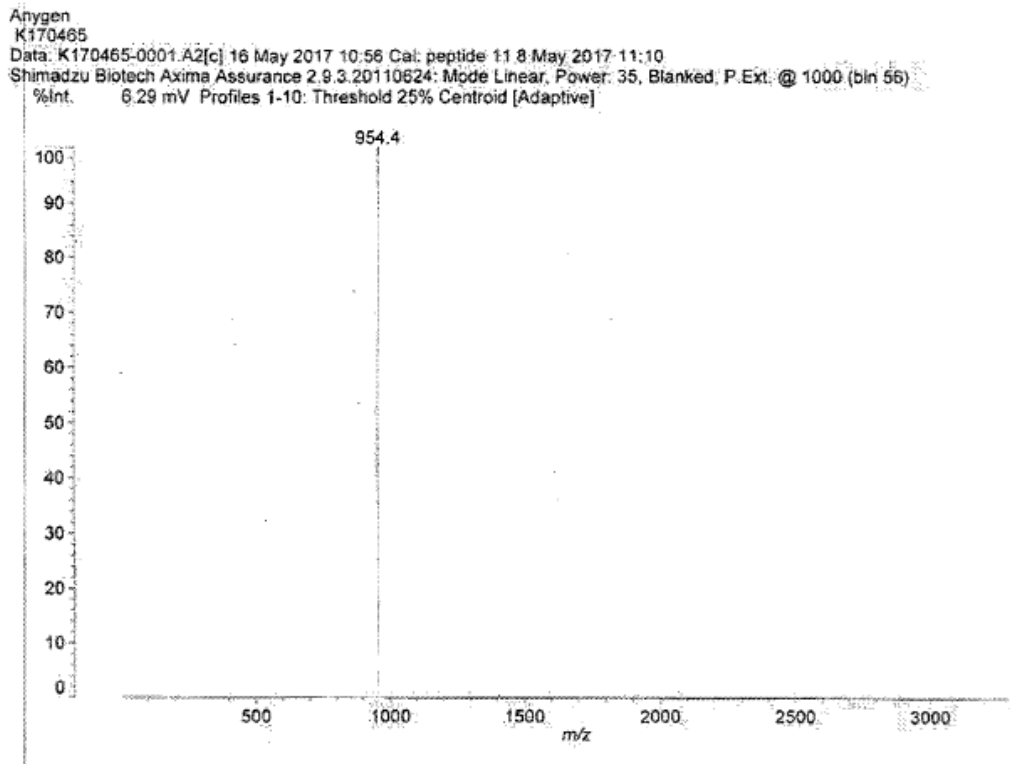


Fig. 102

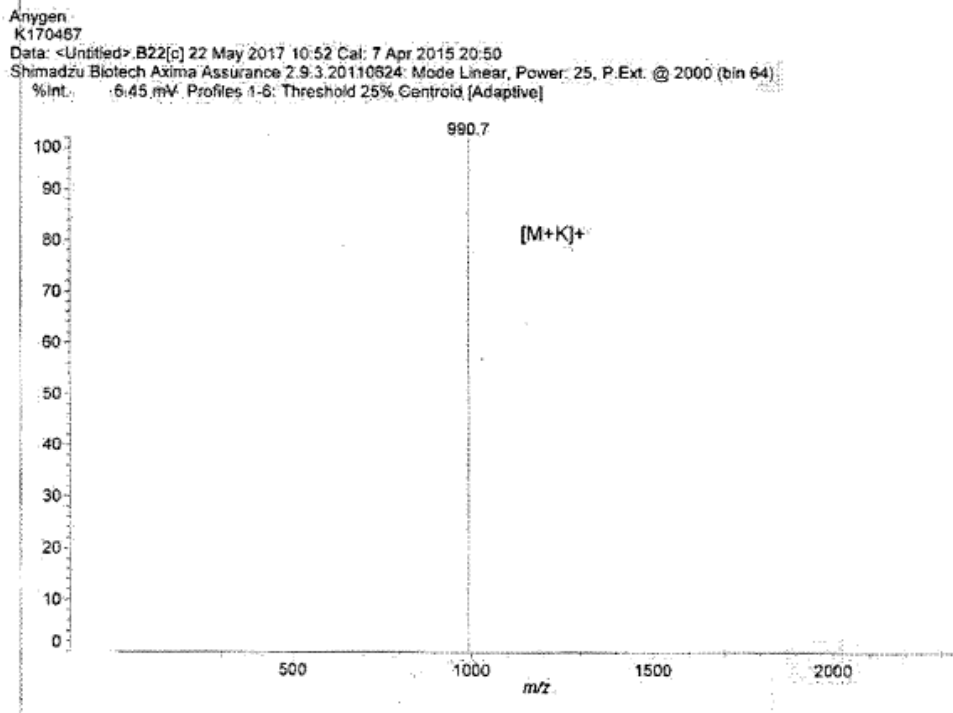


Fig. 103

Anygen
K170468
Data: <Untitled>.C22[c] 22 May 2017 10:52 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear: Power: 30, P.Ext. @ 2000 (bin 64)
%Int. 1.73 mV Profiles 1-42: Threshold 25% Centroid [Adaptive]

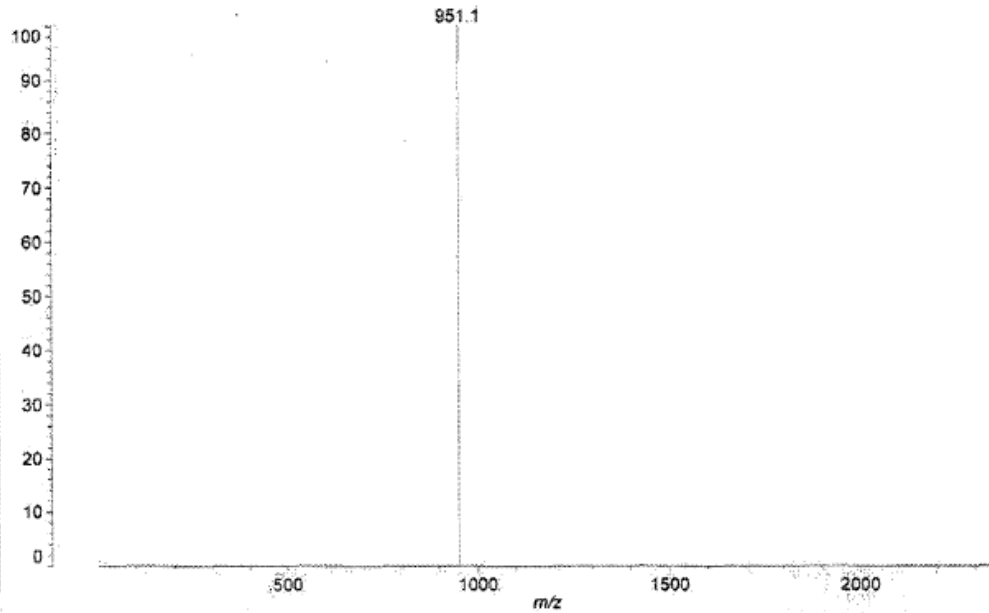


Fig. 104

Anygen
K170469
Data: <Untitled>.D22[c] 22 May 2017 10:53 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear: Power: 30, P.Ext. @ 2000 (bin 64)
%Int. 24 mV Profiles 1-5: Threshold 25% Centroid [Adaptive]

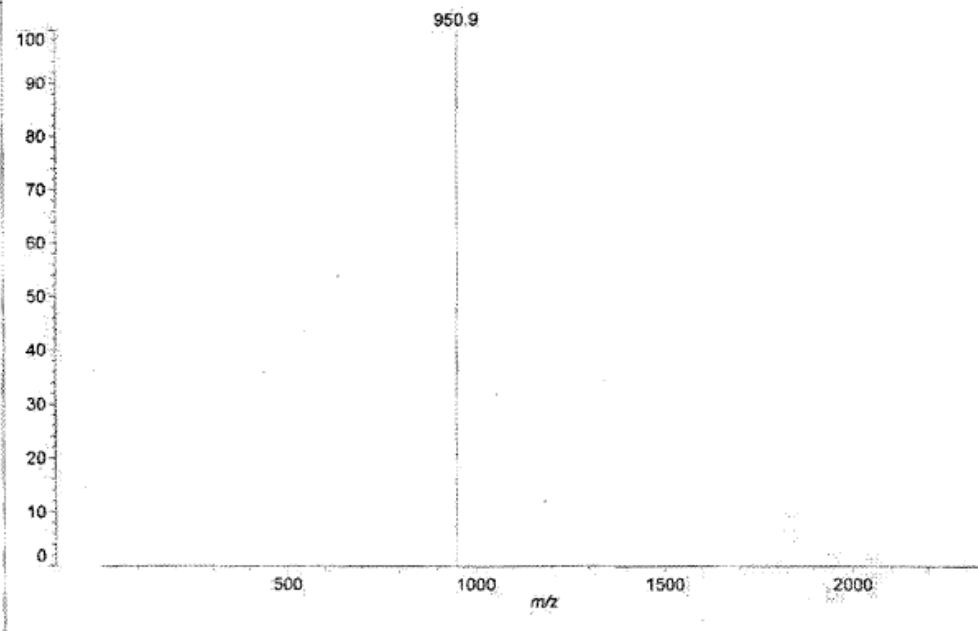


Fig. 105

Anygen
K170470
Data: <Untitled>, F12[c] 12 Apr 2017 9:46 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode: Linear, Power: 26, Blanked, P.Ext. @ 3000 (bin 78)
%Int. 44 mV Profiles 1-22: Threshold 25% Centroid [Adaptive]

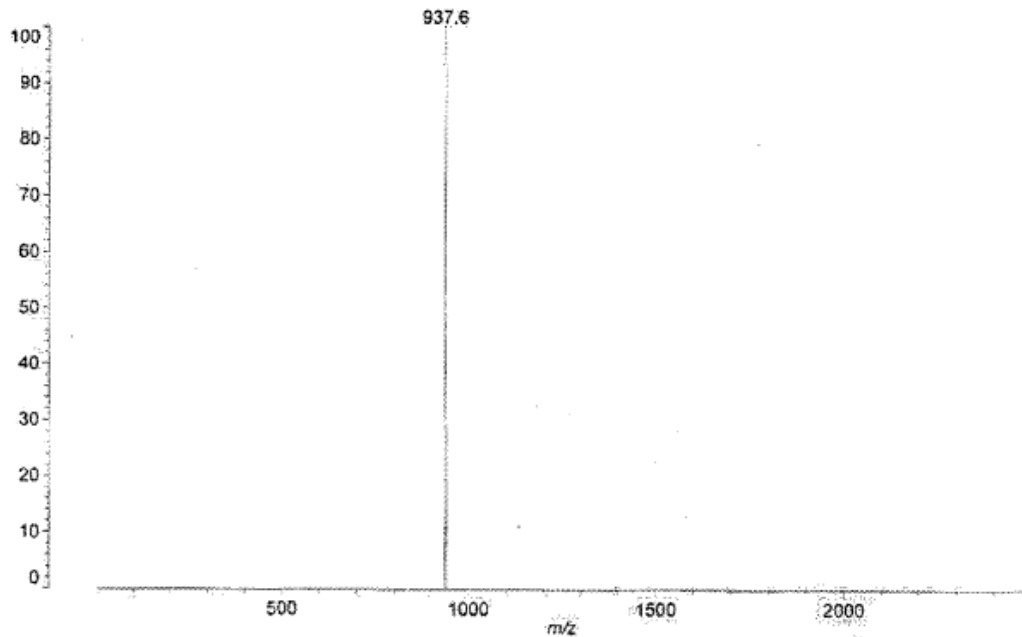


Fig. 106

Anygen
K170471
Data: <Untitled>, J17[c] 28 Jun 2017 12:42 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode: Linear, Power: 31, P.Ext. @ 1000 (bin 56)
%Int. 514 mV Profiles 1-61: Threshold 25% Centroid [Adaptive]

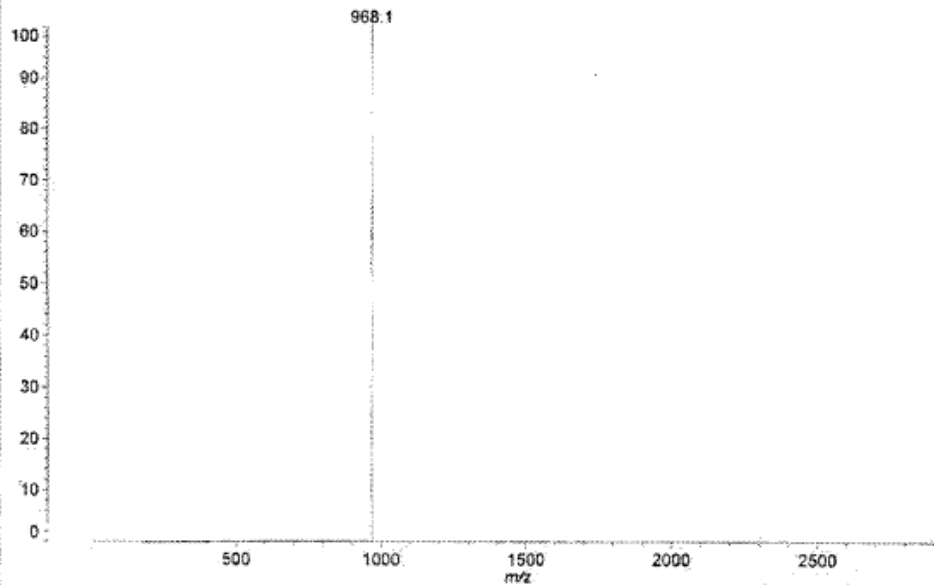


Fig. 107

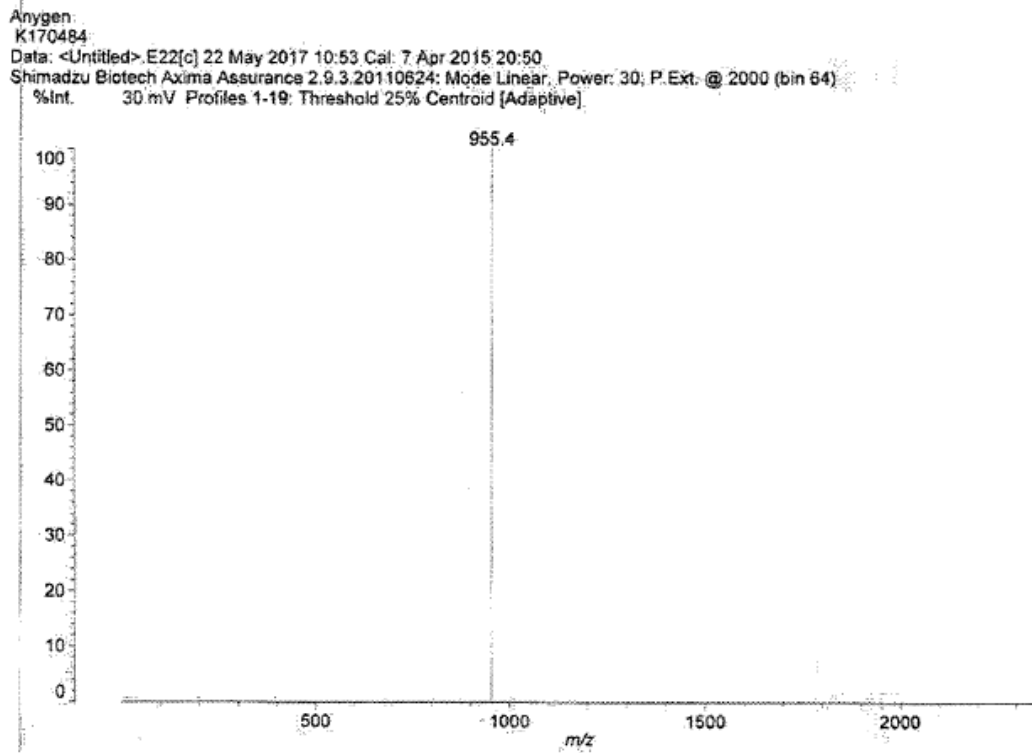


Fig. 108

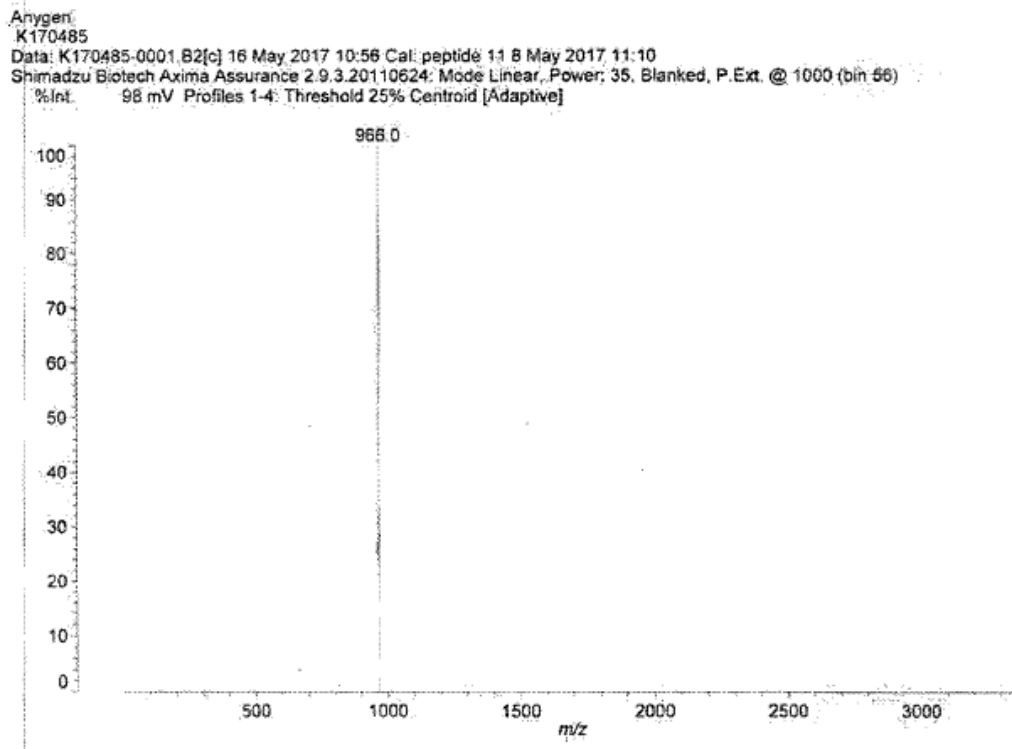


Fig. 109

Anygen
K170466
Data: K170466-0001.P12[c] 12 Apr 2017 10:08 Cal: peptide 11 10 Apr 2017 11:17
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 23, Blanked, P.Ext. @ 3000 (bin 78)
%Int. 145 mV Profiles 1-96: Threshold 25% Centroid [Adaptive]

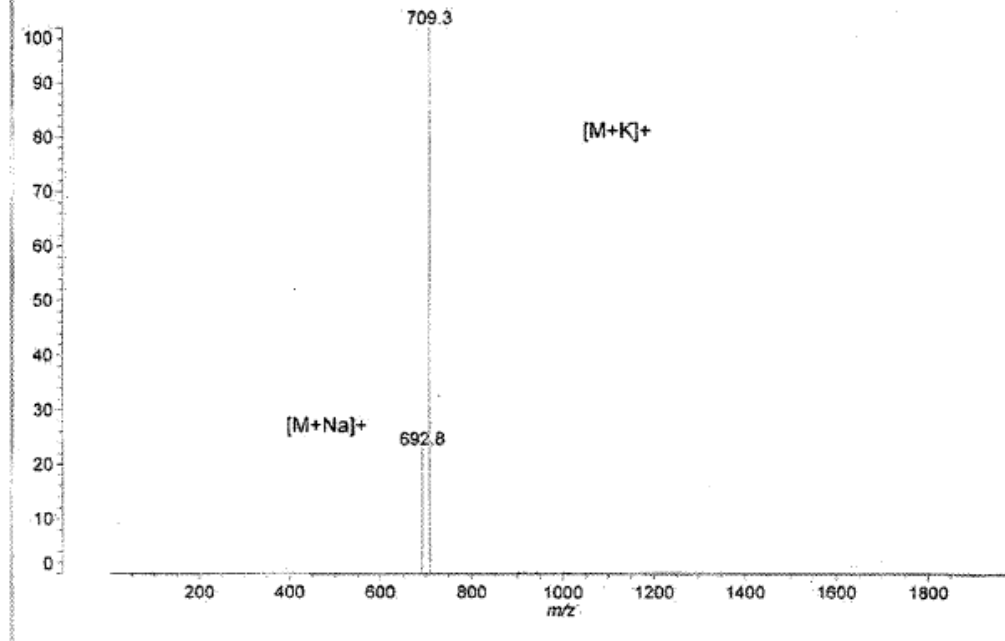


Fig. 110

Anygen
K170696
Data: <Untitled>.K21[c] 22 May 2017 14:42 Cal: peptide 11 8 May 2017 11:10
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 37, P.Ext. @ 3000 (bin 78)
%Int. 14 mV Profiles 1-23: Threshold 25% Centroid [Adaptive]

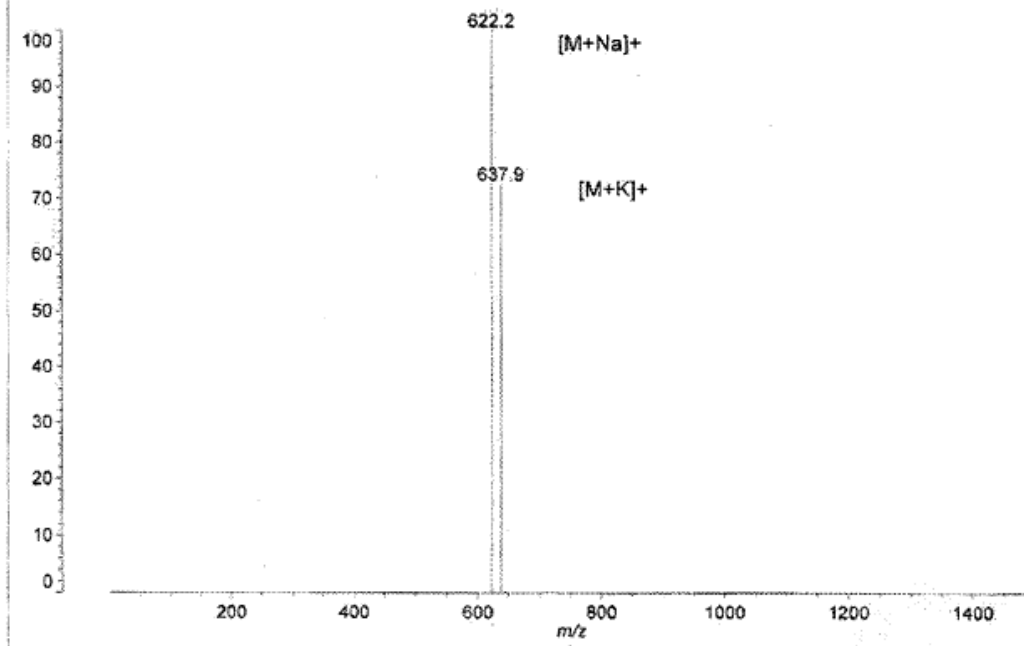


Fig. 111

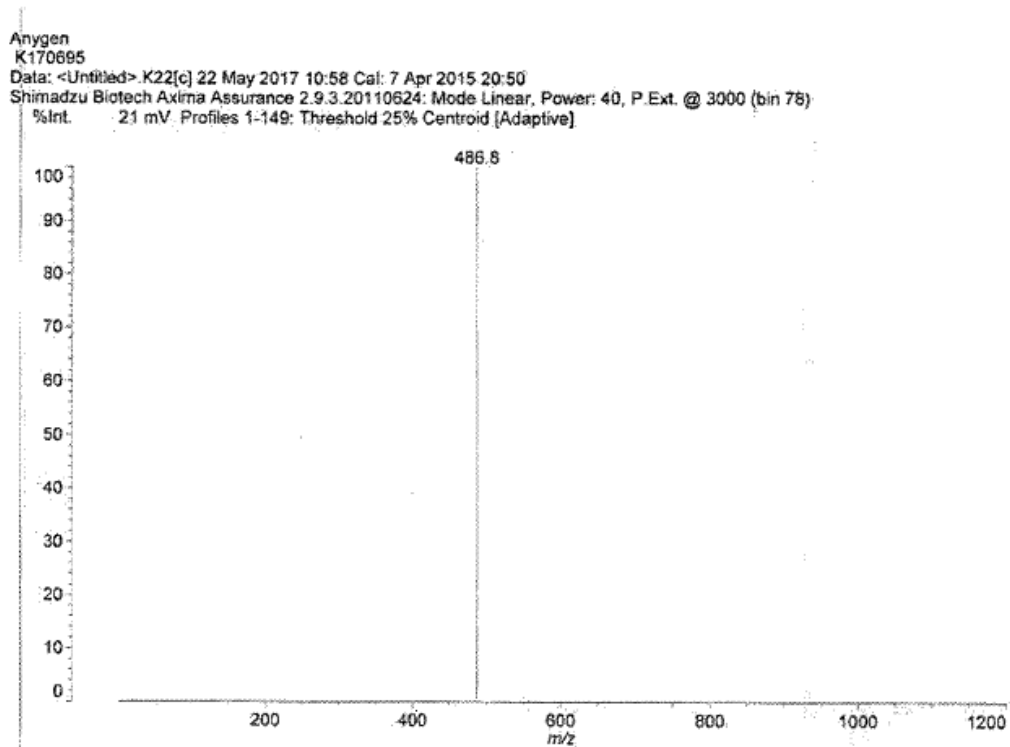


Fig. 112

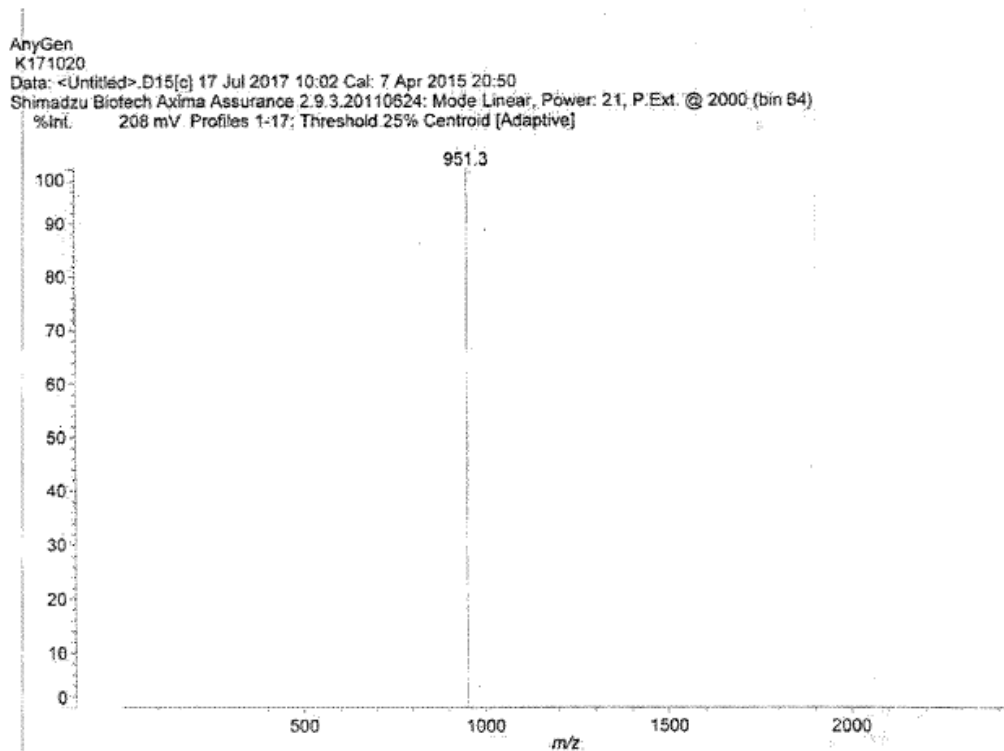


Fig. 113

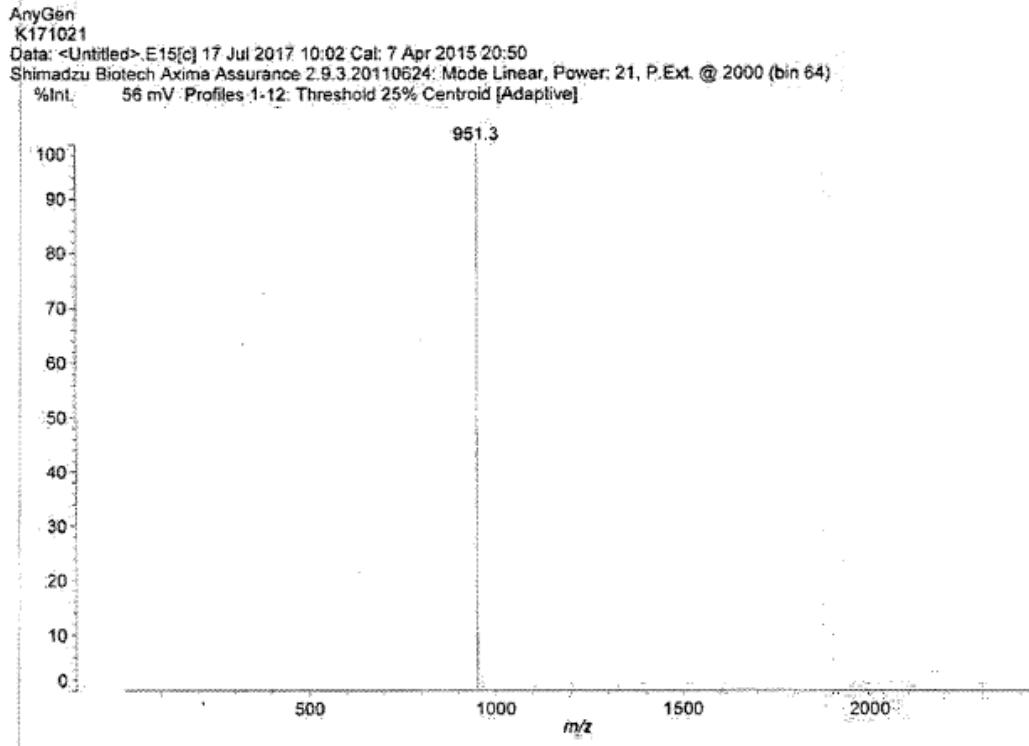


Fig. 114

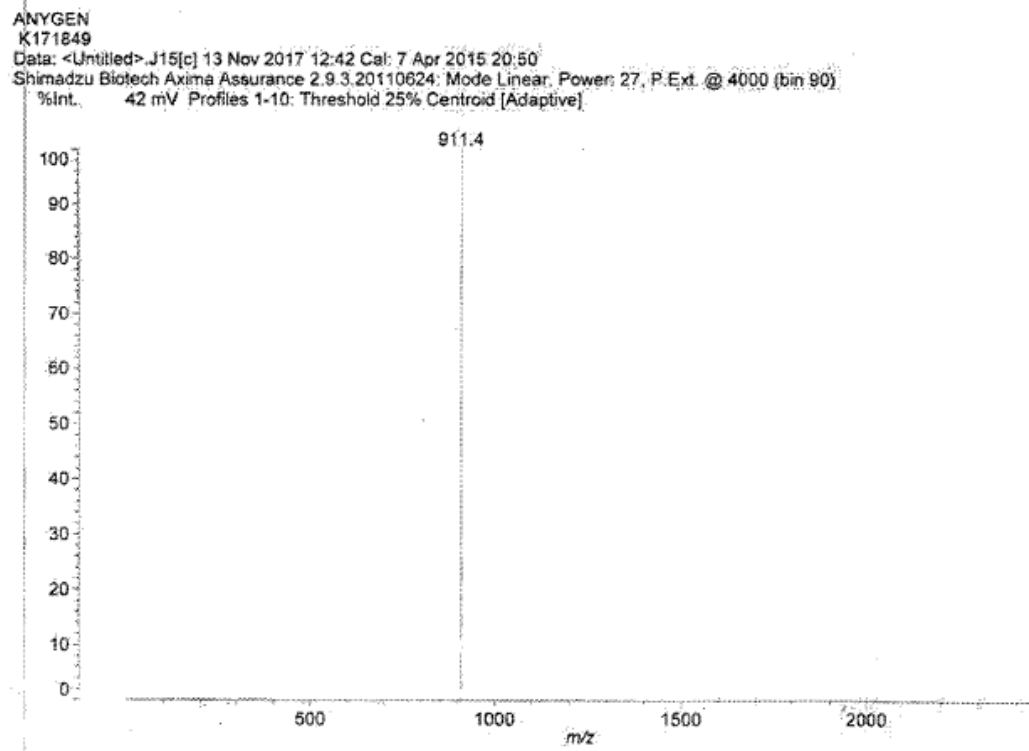


Fig. 115

ANYGEN

K171850

Data: <Untitled>.K15[c] 13 Nov 2017 12:43 Cal: 7 Apr 2015 20:50

Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 27, P.Ext. @ 4000 (bin 90)

%Int. 64 mV Profiles 1-23: Threshold 25% Centroid [Adaptive]

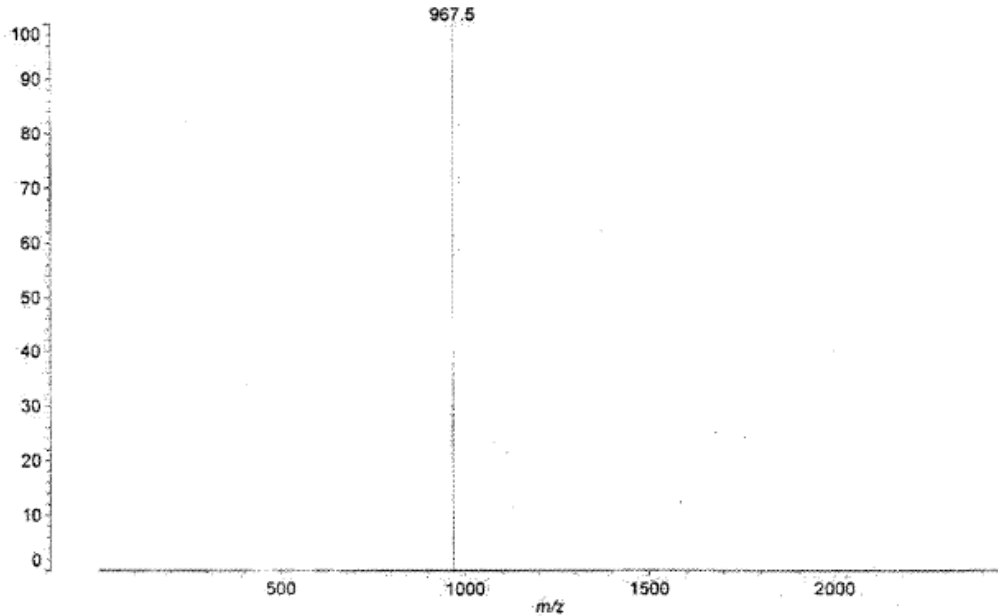


Fig. 116

ANYGEN

K171851

Data: <Untitled>.L15[c] 13 Nov 2017 12:43 Cal: 7 Apr 2015 20:50

Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 19, P.Ext. @ 4000 (bin 90)

%Int. 330 mV Profiles 1-27: Threshold 25% Centroid [Adaptive]

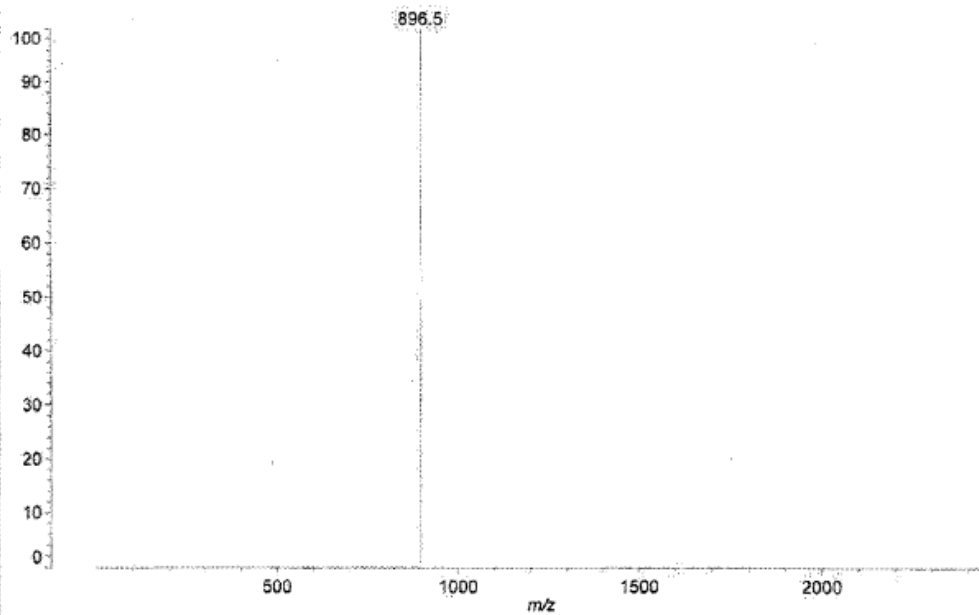


Fig. 117

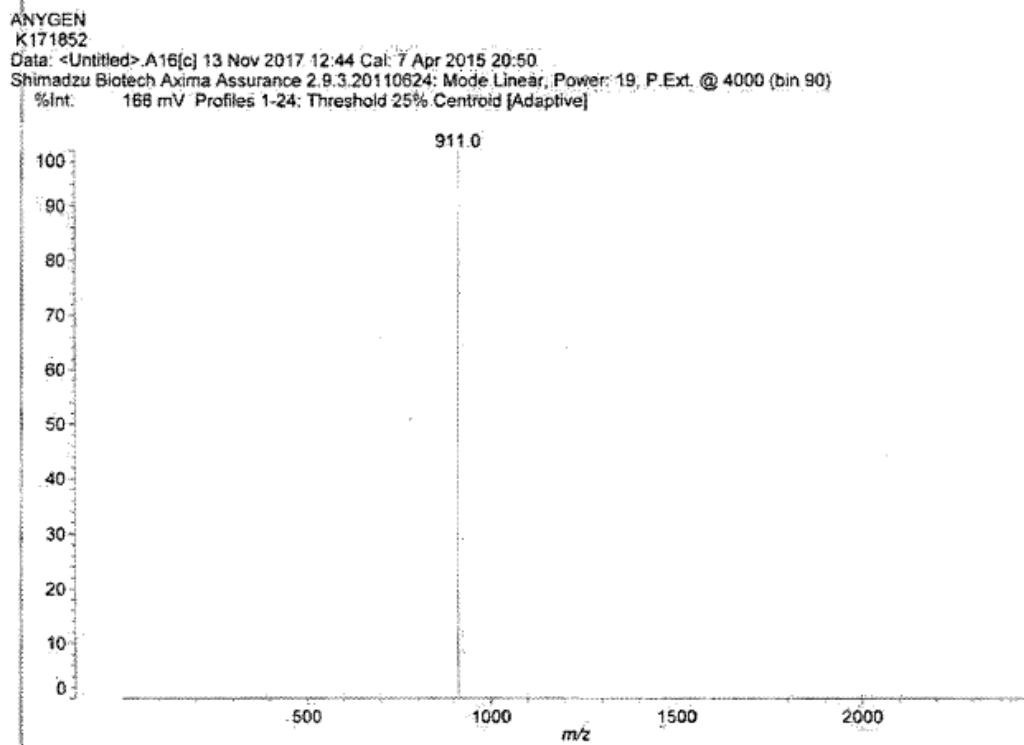


Fig. 118

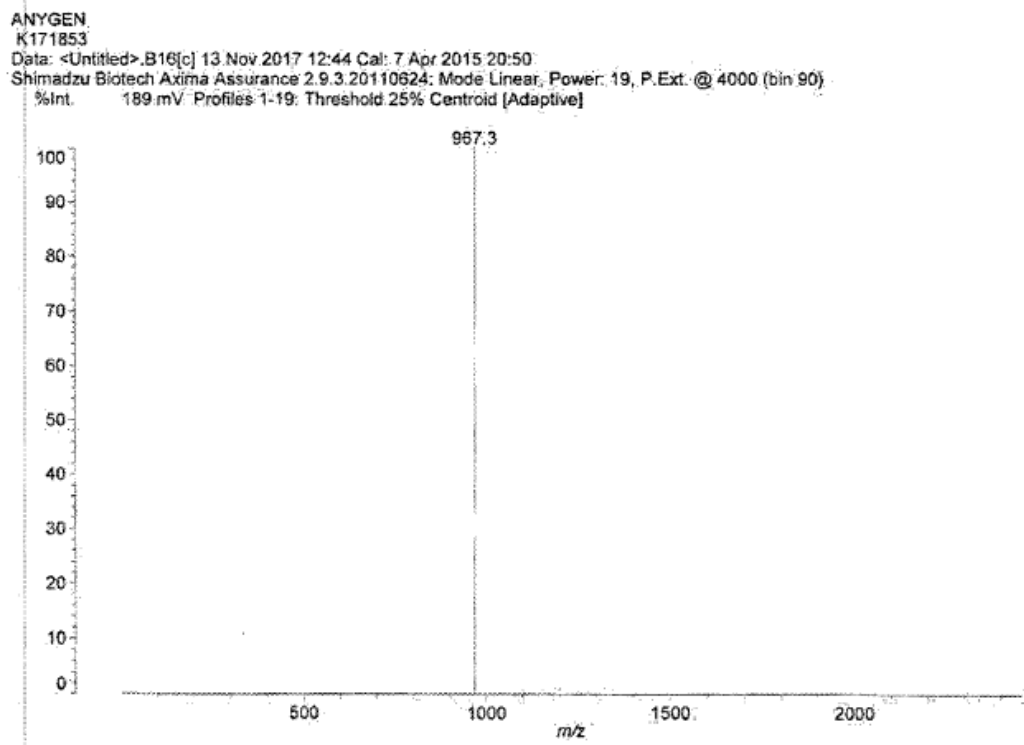


Fig. 119

ANYGEN
K171854
Data: <Untitled>.C16[c] 13 Nov 2017 12:44 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 19, P.Ext. @ 4000 (bin 90)
%Int. 580 mV. Profiles 1-17: Threshold 25% Centroid [Adaptive]

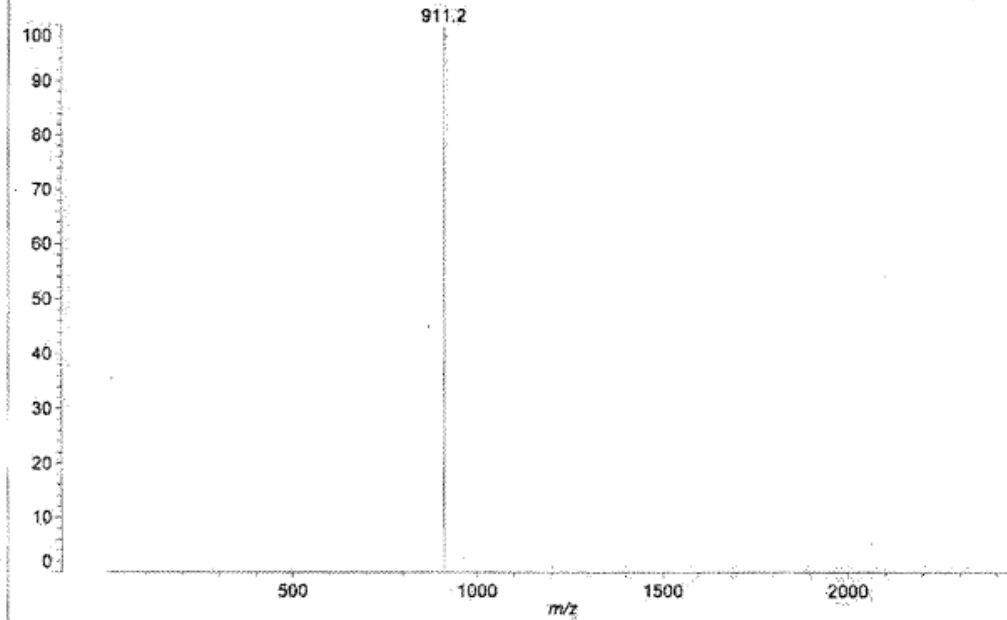


Fig. 120

ANYGEN
K171855
Data: <Untitled>.D16[c] 13 Nov 2017 12:45 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 19, P.Ext. @ 4000 (bin 90)
%Int. 108 mV. Profiles 1-8: Threshold 25% Centroid [Adaptive]

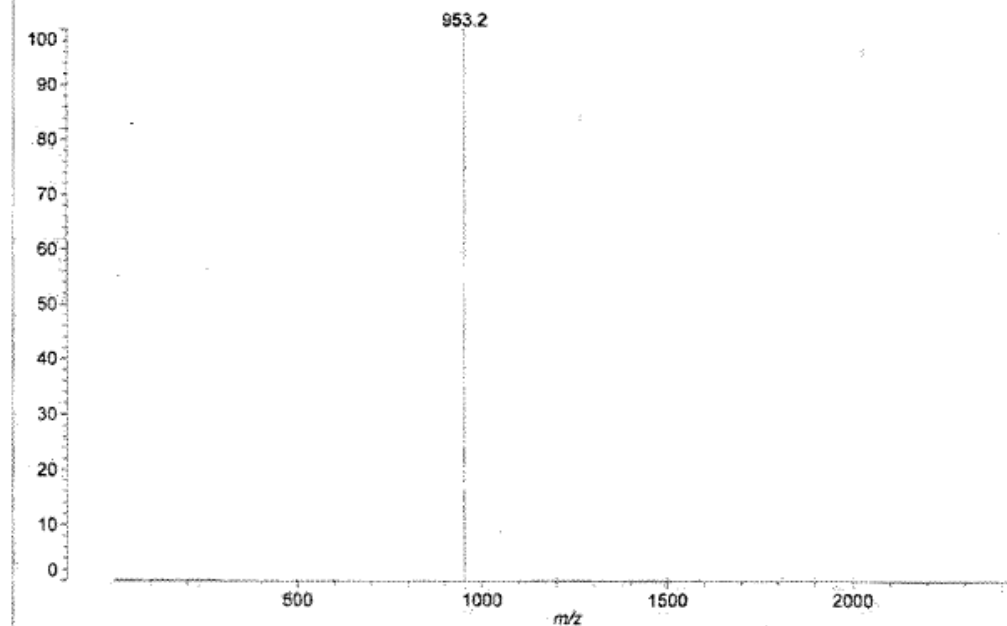


Fig. 121

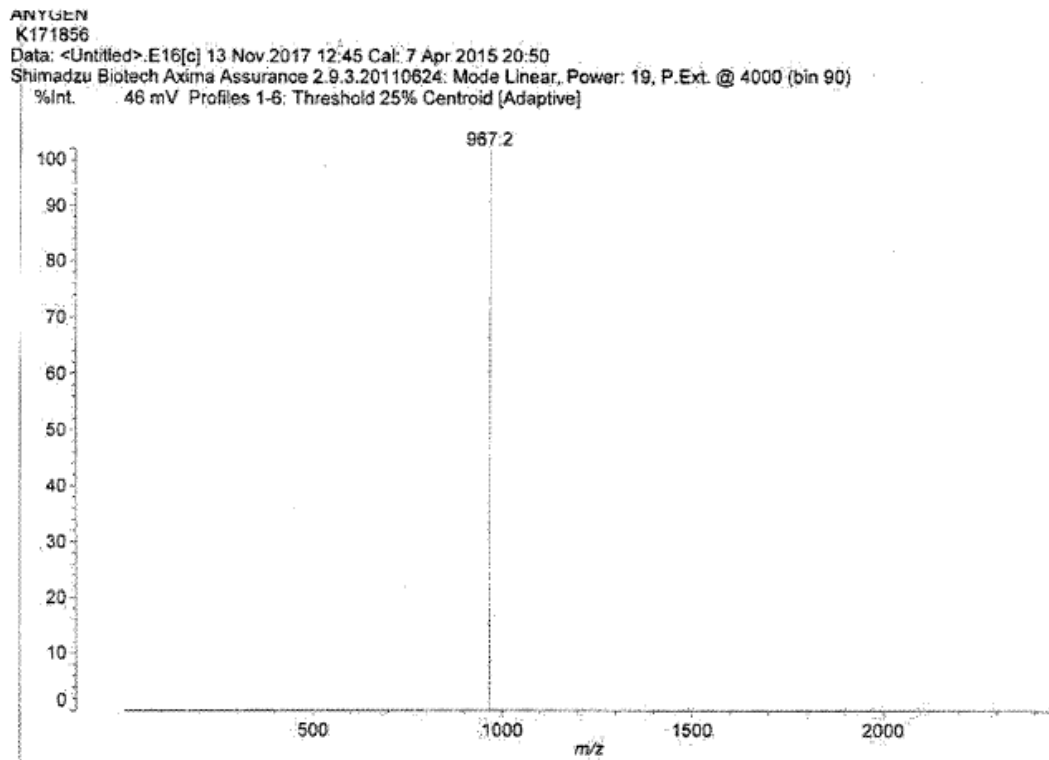


Fig. 122

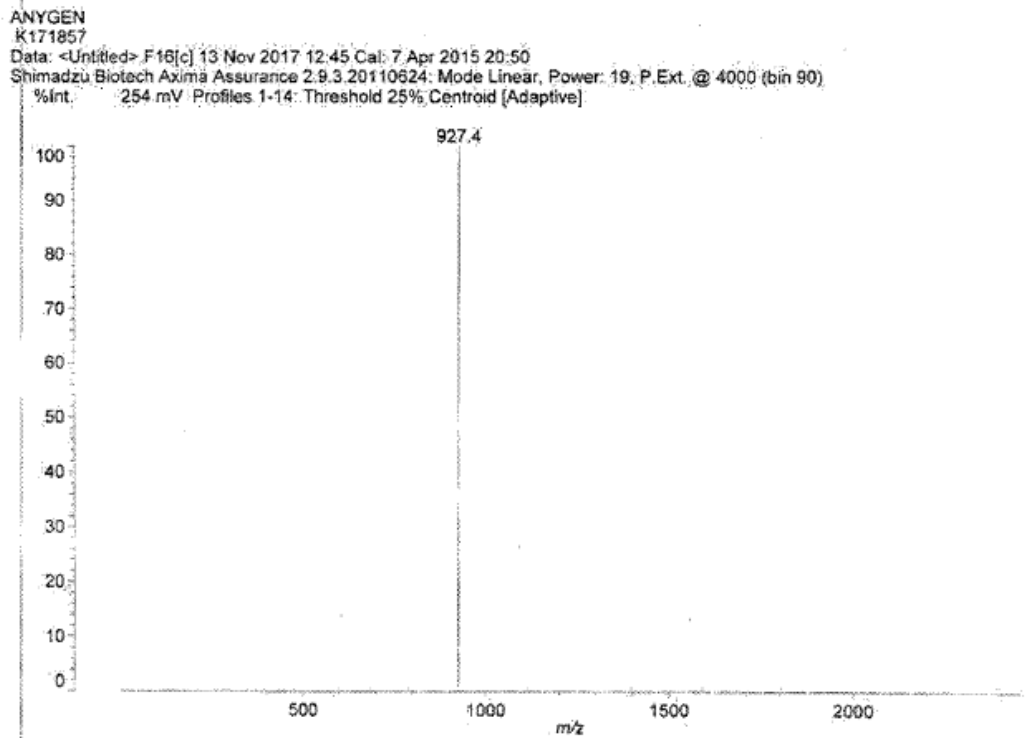


Fig. 123

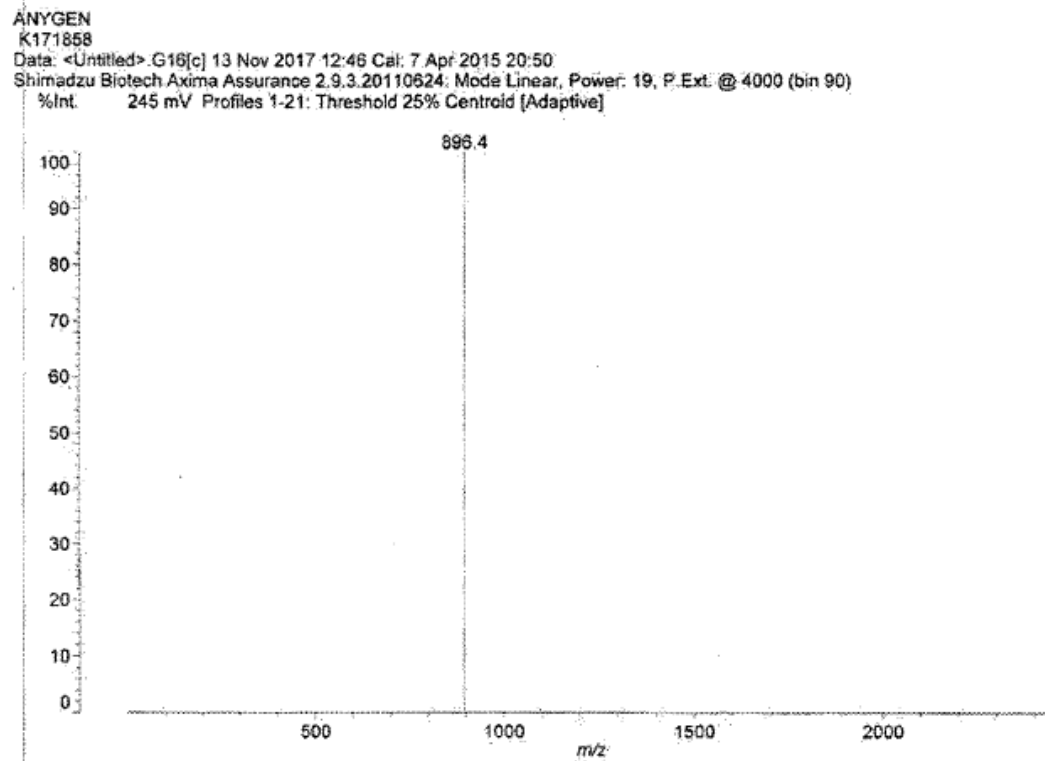


Fig. 124

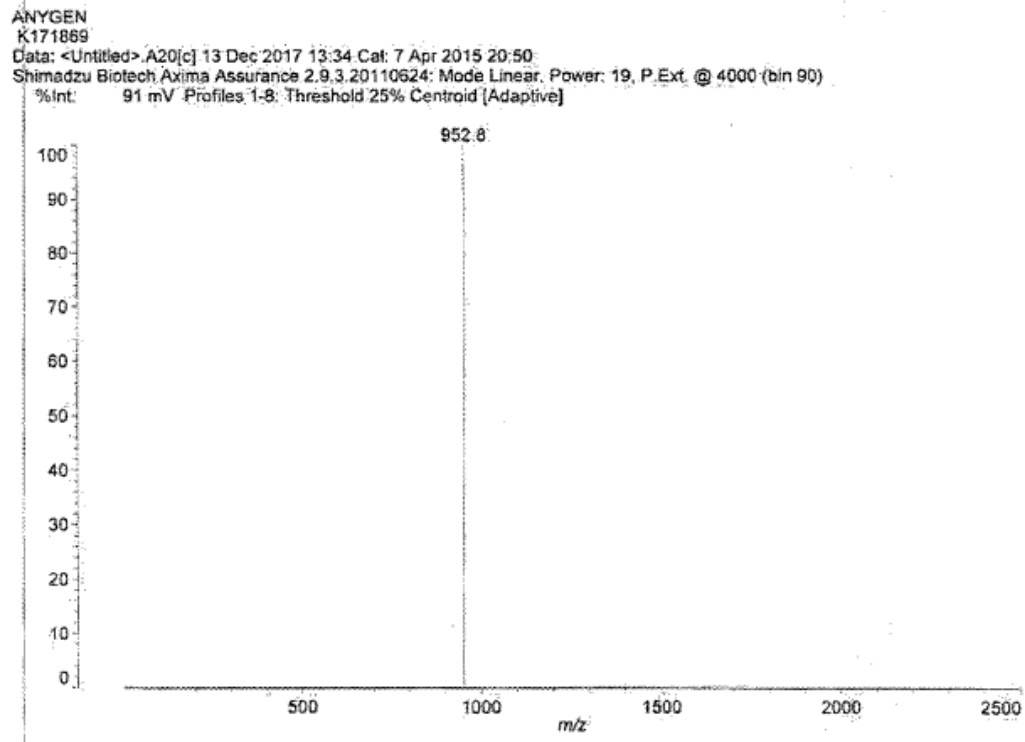


Fig. 125

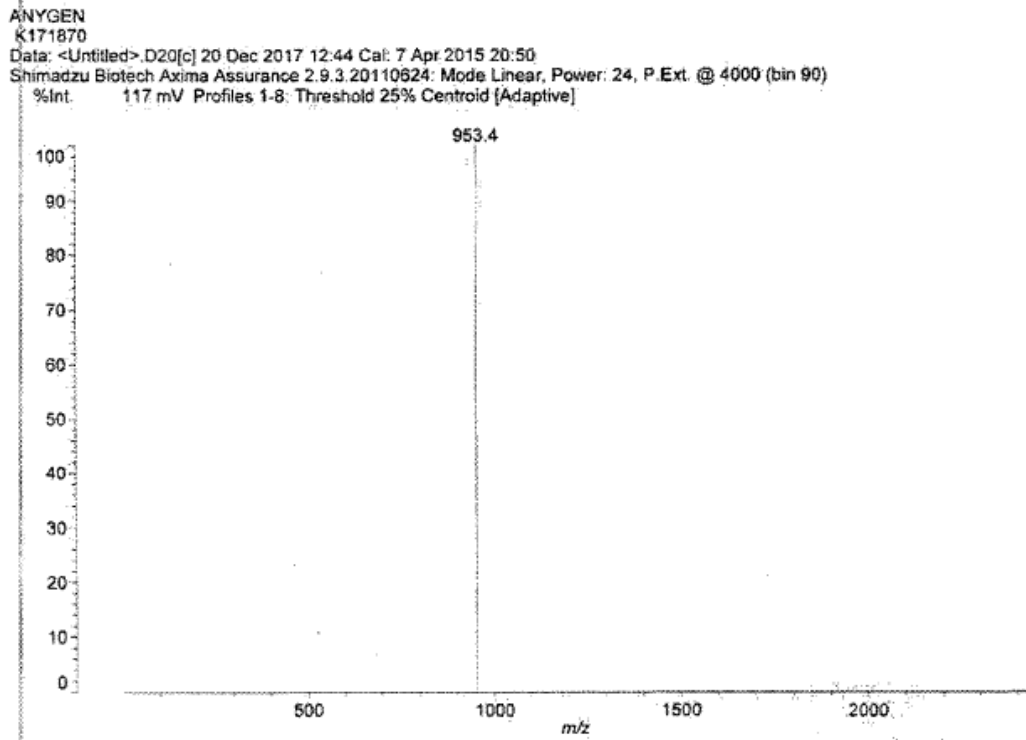


Fig. 126

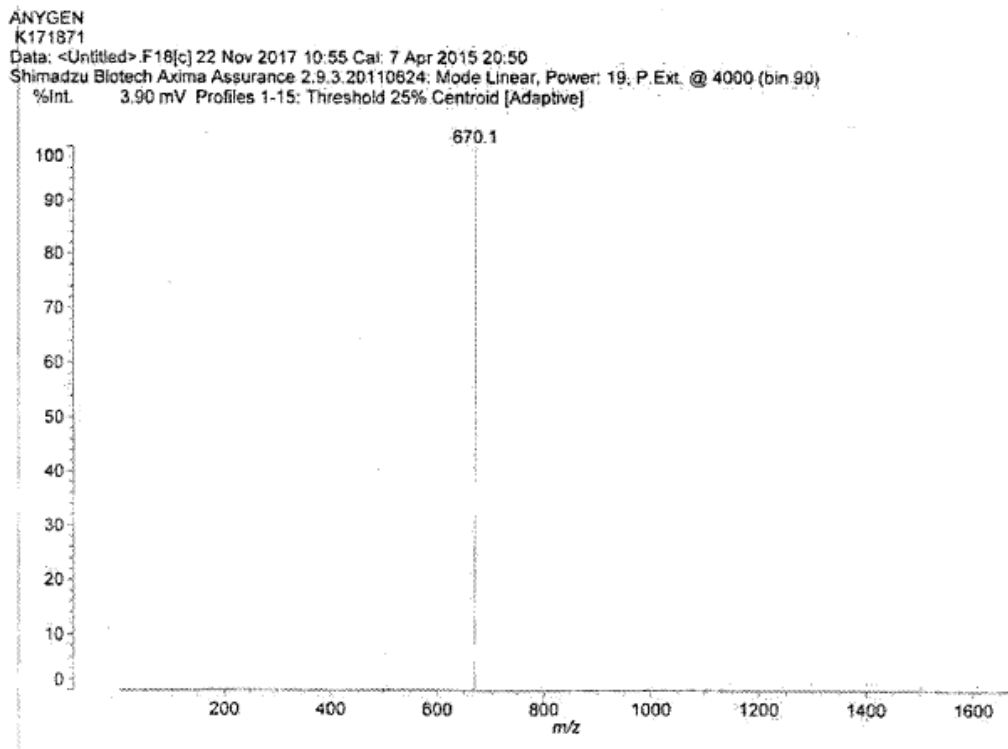


Fig. 127

ANYGEN
K171872
Data: <Untitled>.L20[c] 21 Nov 2017 13:01 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 14, P.Ext. @ 4000 (bin 90)
%Int. 68 mV Profiles 1-18: Threshold 25% Centroid [Adaptive]

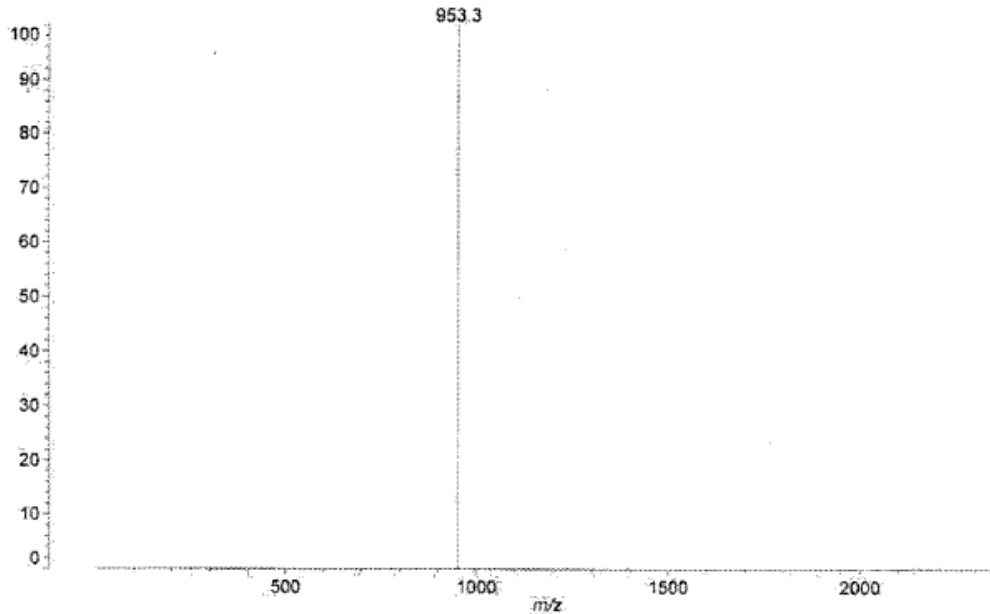


Fig. 128

ANYGEN
K171987
Data: <Untitled>.E20[c] 20 Dec 2017 12:45 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 24, P.Ext. @ 4000 (bin 90)
%Int. 30 mV Profiles 1-10: Threshold 25% Centroid [Adaptive]

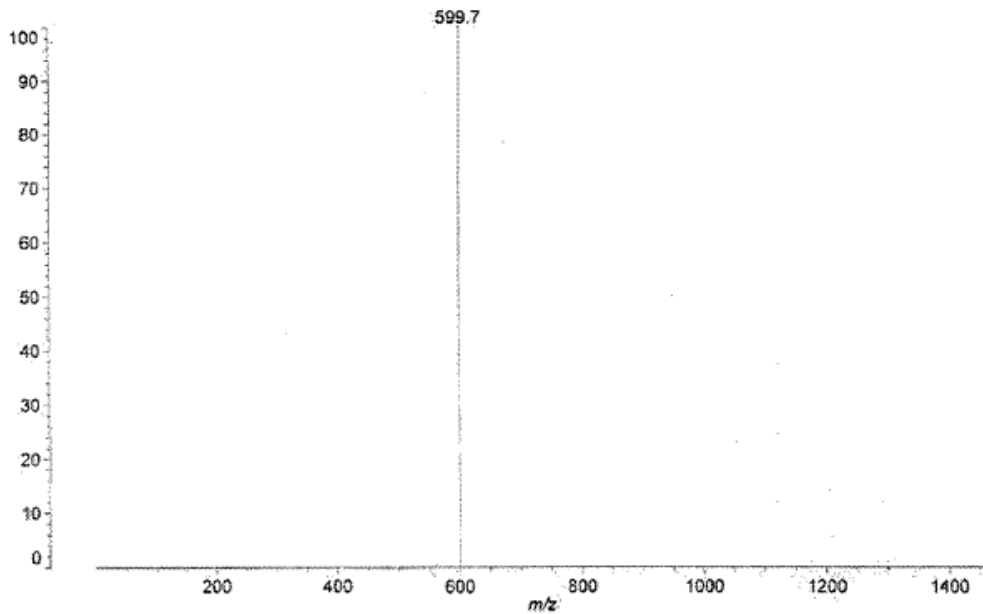


Fig. 129

ANYGEN
K171989
Data: <Untitled>.J21[c] 4 Dec 2017 12:47 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear, Power: 30, P.Ext. @ 4000 (bin 90)
%Int. 54 mV Profiles 1-11: Threshold 25% Centroid [Adaptive]

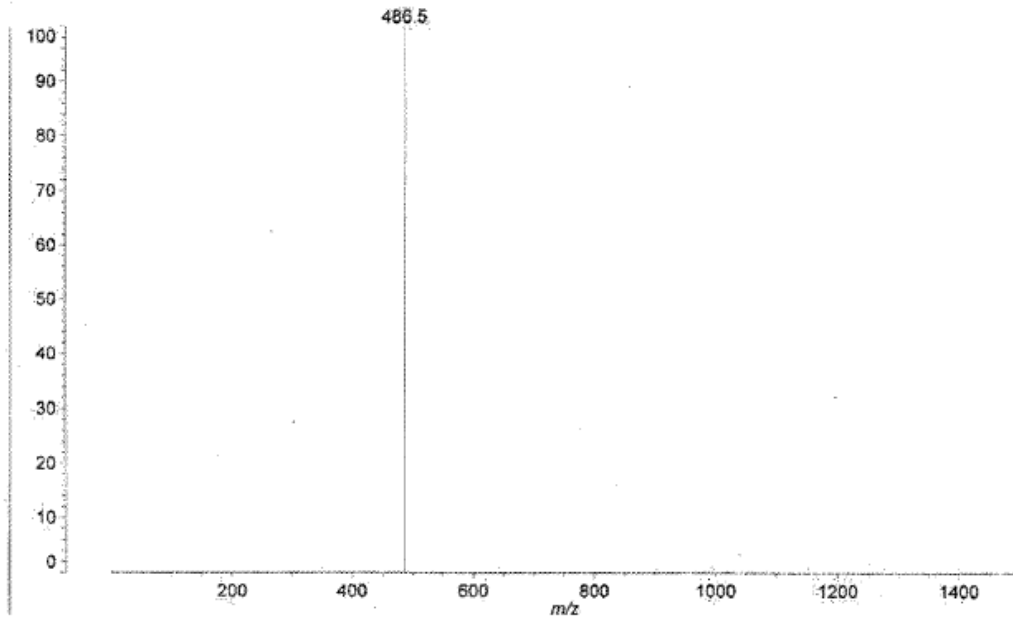


Fig. 130

K180115
Data: <Untitled>.E1[c] 8 Feb 2018 13:39 Cal: 7 Apr 2015 20:50
Shimadzu Biotech Axima Assurance 2.9.3.20110624: Mode Linear_neg, Power: 40, P.Ext. @ 8000 (bin 128)
%Int. 208 mV Profiles 1-14: Threshold 25% Centroid [Adaptive]

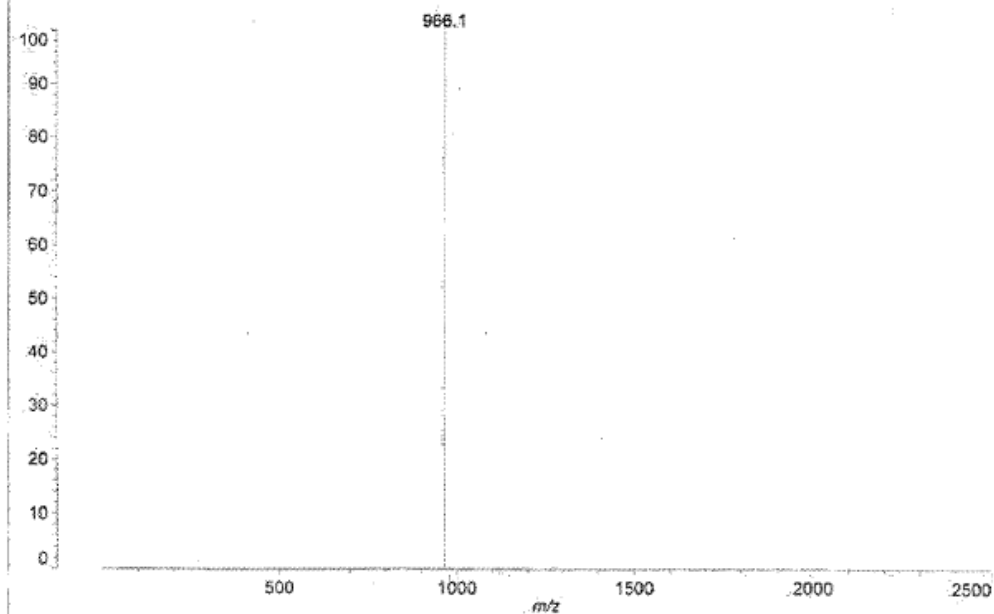


Fig. 131

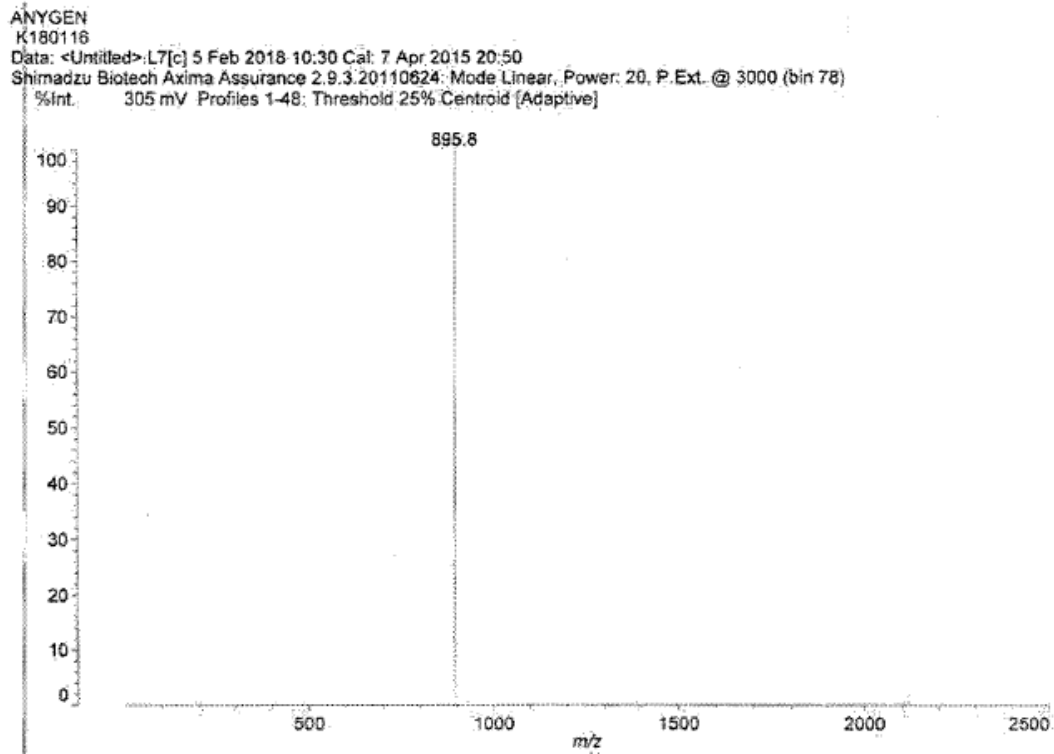


Fig. 132

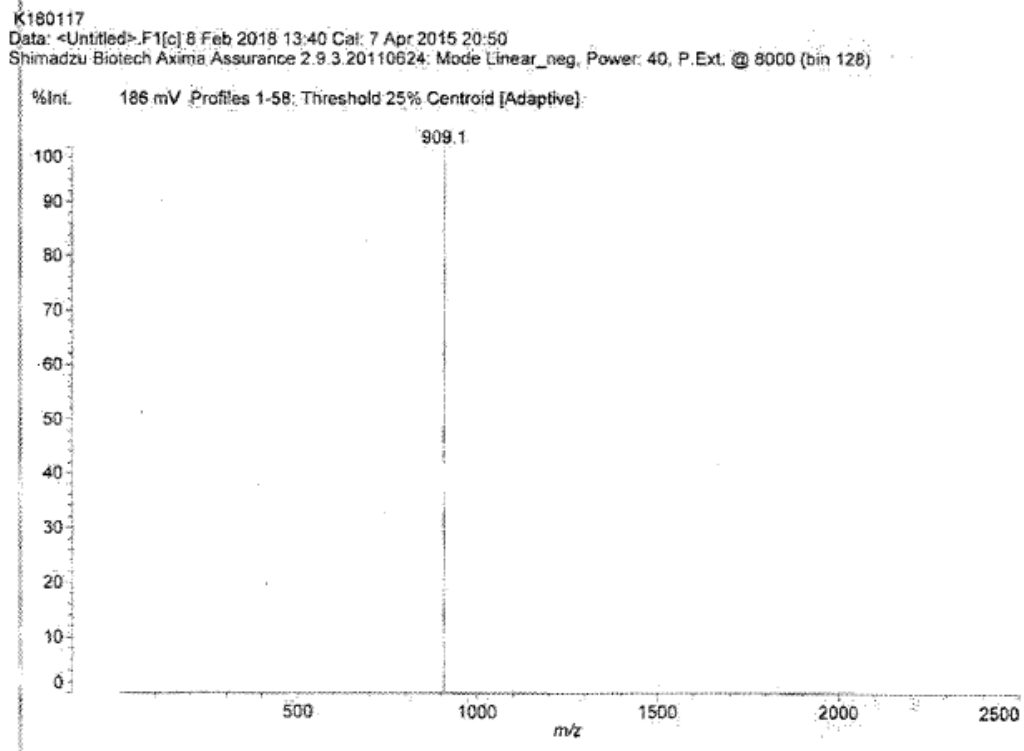


Fig. 133

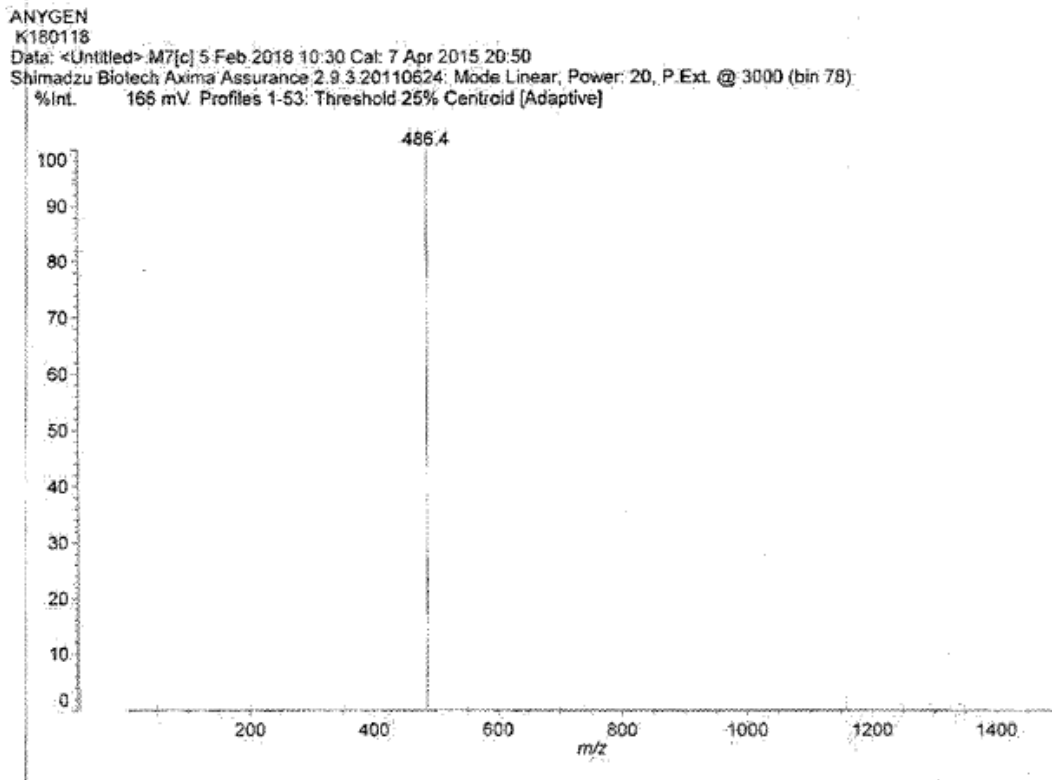


Fig. 134

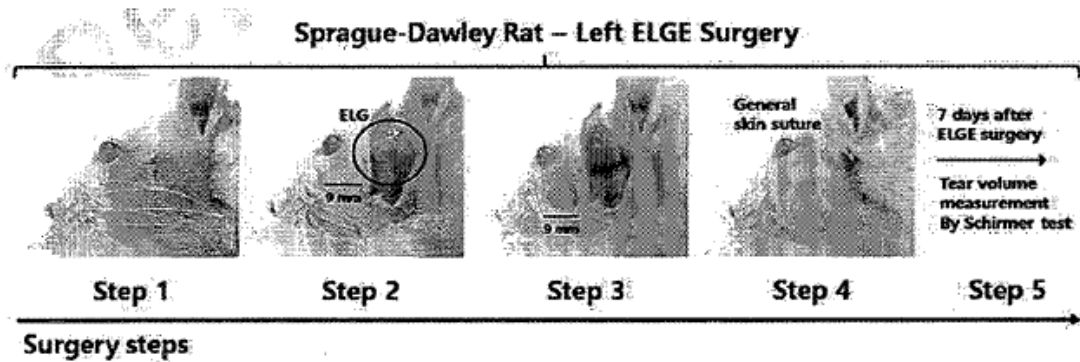


Fig. 135

Groups	Items	Body weights at			Body weight gains [B-A]
		ELGE surgery*	First test material topical eye drop [A]	24 hrs. after last treatment [B]*	
Control					
Sham		213.63±21.04	305.50±33.53	340.50±38.46	35.00±11.19
ELGE		215.50±16.10	302.63±20.42	339.13±20.01	36.50±9.97
Reference					
DS		220.50±8.70	304.50±13.11	340.63±10.20	36.13±5.38
Test materials (0.3% solutions)					
YY-102		211.88±12.89	302.00±20.70	337.75±25.95	35.75±6.84
YDE-01		212.63±11.30	302.25±24.57	341.00±24.98	38.75±9.50
YDE-02		210.38±10.89	302.00±15.96	338.00±22.39	36.00±12.29
YDE-03		212.50±14.84	301.00±20.63	339.38±22.93	38.38±7.74
YDE-04		217.50±16.25	302.50±19.66	338.50±21.44	36.00±10.97
YDE-05		212.50±16.75	303.50±17.77	341.50±17.53	38.00±3.12
YDE-06		212.38±19.00	306.38±25.21	345.13±21.06	38.75±6.14
YDE-07		219.13±4.73	310.50±9.99	349.88±12.28	39.38±4.53
YDE-08		213.38±13.99	307.00±13.73	345.63±17.87	38.63±7.01
YDE-09		215.63±13.69	304.25±18.58	341.38±25.47	37.13±10.34
YDE-10		216.00±12.99	305.25±13.82	343.63±16.36	38.38±6.44
YDE-11		219.88±13.42	309.13±20.36	347.00±27.91	37.88±13.66
YDE-12		222.13±9.98	311.00±15.57	349.88±21.70	38.88±9.08
YDE-13		217.63±4.69	305.13±7.66	343.25±11.44	38.13±7.20
YDE-14		216.75±15.53	301.25±20.11	339.75±26.99	38.50±9.94
YDE-15		214.88±14.74	302.13±16.57	340.00±16.44	37.88±12.69
YDE-16		213.50±18.31	299.50±16.42	337.38±20.50	37.88±7.57
YDE-17		214.63±11.81	306.63±17.54	346.25±19.26	39.63±10.51
YDE-18		213.88±13.24	307.88±13.27	347.38±23.02	39.50±14.68
YDE-19		218.88±11.29	307.25±12.85	345.38±21.71	38.13±9.83
YDE-20		217.88±9.61	300.75±16.79	339.25±15.68	38.50±5.71
YDE-21		216.38±15.31	301.38±20.89	340.13±21.53	38.75±8.14
YDE-22		219.38±10.85	304.13±14.56	343.50±21.37	39.38±9.30
YDE-23		219.00±12.54	308.25±15.64	346.00±15.26	37.75±6.94
YDE-24		212.13±18.41	298.38±25.85	334.00±31.75	35.63±10.29
YDE-25		213.13±13.39	303.63±21.87	342.50±19.82	38.88±5.84
YDE-26		213.63±14.71	305.75±23.07	343.25±29.09	37.50±9.38
YDE-27		214.75±13.73	306.63±25.44	345.38±26.40	38.75±10.02
YDE-28		212.75±13.36	297.63±21.12	336.38±22.02	38.75±7.63

Fig. 136

Groups	Items	Body weights at		24 hrs after last treatment [B]*	Body weight gains [B-A]
	ELGE surgery*	First test material topical eye drop [A]			
Control					
Sham		242.38±7.73	320.25±9.91	363.38±27.21	43.13±19.71
ELGE		243.88±3.83	329.25±18.90	367.50±19.89	38.25±11.40
Reference					
DS		246.63±15.68	330.50±23.33	369.63±37.46	39.13±25.56
YY-101		241.25±4.37	318.88±10.91	356.25±18.16	37.38±7.82
YY-102		242.38±11.46	318.75±15.20	361.25±23.56	42.50±9.41
Test materials (0.3% solutions)					
YDE-029		242.25±16.63	327.38±18.75	373.75±28.50	46.38±12.49
YDE-030		243.25±10.26	315.88±14.96	355.50±29.68	39.63±16.61
YDE-031		241.00±15.82	316.75±27.58	359.00±39.87	42.25±14.96
YDE-032		242.75±9.32	324.25±14.59	365.38±16.16	41.13±10.12
YDE-033		243.50±11.96	327.50±17.57	377.13±26.59	49.63±16.27
YDE-034		243.88±8.68	322.63±17.15	361.63±19.08	39.00±4.99
YDE-035		240.88±11.29	321.00±22.17	358.50±29.18	37.50±20.36
YDE-036		242.25±14.01	329.38±21.07	378.38±24.20	49.00±10.81
YDE-037		244.50±10.94	324.88±17.36	369.13±21.43	44.25±8.83
YDE-039		242.88±7.14	325.25±15.51	363.25±28.35	38.00±15.41
YDE-040		241.13±13.39	319.25±14.10	357.00±27.93	37.75±19.37
YDE-041		244.75±14.49	322.88±22.47	366.13±37.43	43.25±16.97
YDE-042		239.13±8.29	323.38±8.28	372.38±19.46	49.00±13.54
YDE-043		246.25±7.92	324.00±14.31	361.25±19.20	37.25±13.63

Fig. 137

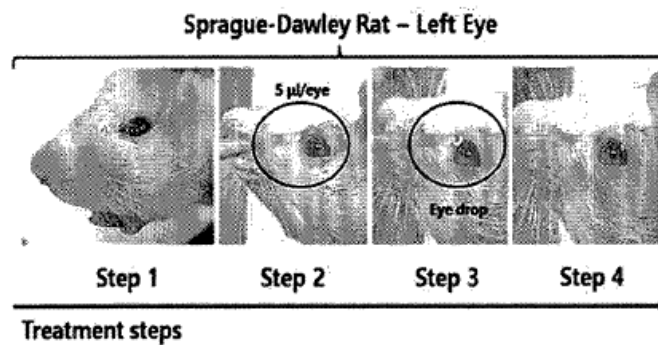


Fig. 138

Sprague-Dawley Rat – Left Eye

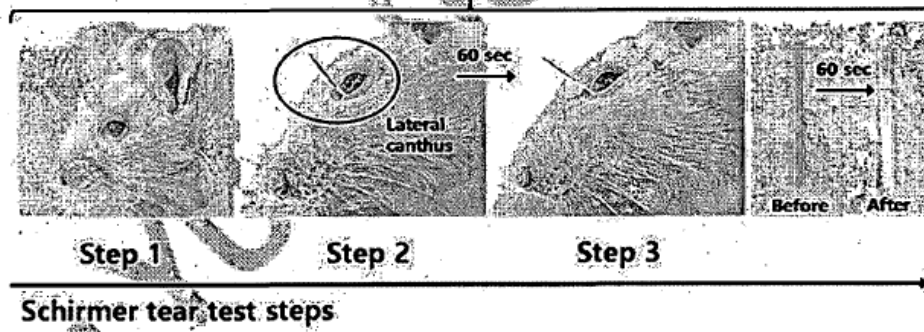


Fig. 139

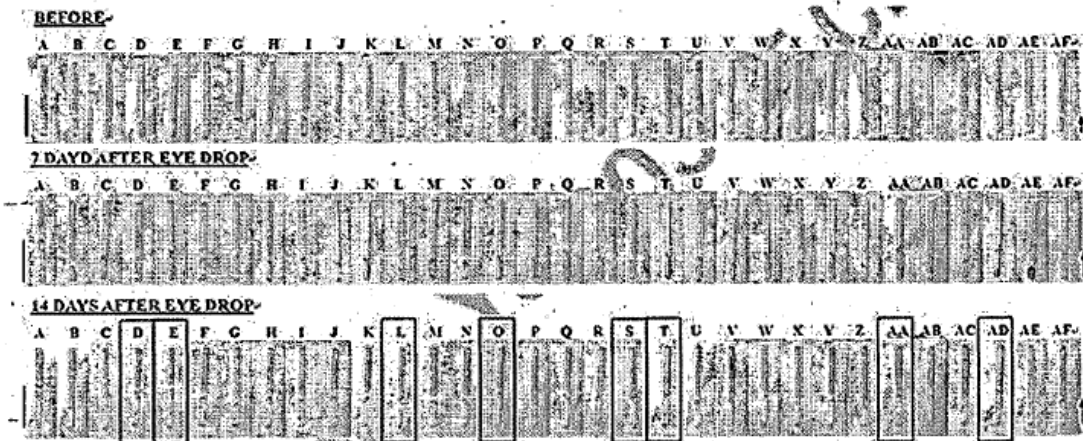


Fig. 140

Items	Tear volumes (mm) after test material topical eye drop		
	-1 day	7 days	14 days
Control			
Sham	8.34±0.73	8.56±0.76	8.63±0.93
ELGE	3.54±0.78 ^a	2.65±0.85 ^a	3.27±1.06 ^a
Reference			
DS	3.53±0.66 ^a	4.10±1.07 ^{ad}	4.80±0.94 ^{ad}
Test materials (0.3% solutions)			
YY-102	3.58±0.93 ^a	4.59±1.43 ^{bc}	5.77±1.99 ^{ac}
YDE-01	3.55±0.93 ^a	4.88±1.62 ^{bc}	5.92±2.19 ^{ac}
YDE-02	3.59±0.75 ^a	3.84±1.16 ^a	5.01±1.67 ^{ad}
YDE-03	3.56±0.74 ^a	4.13±1.76 ^{ad}	4.88±1.57 ^{ad}
YDE-04	3.57±0.55 ^a	3.42±1.06 ^a	5.19±1.84 ^{ad}
YDE-05	3.56±0.86 ^a	3.85±0.93 ^a	5.08±1.91 ^{ad}
YDE-06	3.56±0.65 ^a	3.44±1.69 ^a	5.35±1.68 ^{ad}
YDE-07	3.53±0.68 ^a	3.91±1.28 ^a	5.45±1.26 ^{ad}
YDE-08	3.54±0.82 ^a	4.57±1.25 ^{bc}	6.10±2.36 ^{ac}
YDE-09	3.56±0.78 ^a	3.76±1.21 ^a	4.54±1.11 ^a
YDE-10	3.52±0.61 ^a	3.42±1.31 ^a	4.35±1.36 ^a
YDE-11	3.56±0.88 ^a	4.22±1.45 ^{ad}	6.16±2.16 ^{ac}
YDE-12	3.55±0.71 ^a	3.68±0.99 ^a	5.67±1.86 ^{ac}
YDE-13	3.55±0.49 ^a	5.27±1.50 ^{bc}	5.49±1.92 ^{ac}
YDE-14	3.55±0.66 ^a	3.81±1.21 ^a	5.62±1.85 ^{ac}
YDE-15	3.54±0.73 ^a	4.03±2.19 ^{ad}	6.65±2.13 ^{bc}
YDE-16	3.56±0.93 ^a	4.59±1.13 ^{bc}	5.98±2.27 ^{ac}
YDE-17	3.54±0.91 ^a	4.00±1.22 ^{ad}	4.89±1.50 ^a
YDE-18	3.58±0.68 ^a	3.75±1.54 ^a	4.99±1.60 ^{ad}
YDE-19	3.58±0.63 ^a	4.84±1.39 ^{bc}	4.52±1.07 ^a
YDE-20	3.56±0.86 ^a	3.41±1.47 ^a	4.20±1.35 ^a
YDE-21	3.55±0.72 ^a	4.08±1.33 ^{ad}	4.90±1.13 ^a
YDE-22	3.50±0.75 ^a	3.19±0.67 ^a	4.10±0.95 ^a
YDE-23	3.51±0.72 ^a	5.32±2.30 ^{bc}	5.78±2.23 ^{ac}
YDE-24	3.53±0.63 ^a	3.85±1.30 ^a	5.72±1.36 ^{bc}
YDE-25	3.56±0.75 ^a	3.21±0.72 ^a	4.72±2.19 ^a
YDE-26	3.57±0.57 ^a	4.32±1.47 ^{ad}	6.01±1.83 ^{ac}
YDE-27	3.57±0.64 ^a	2.82±0.86 ^a	3.95±1.52 ^a
YDE-28	3.56±0.91 ^a	4.04±0.99 ^{ad}	4.73±1.18 ^a

Fig. 141

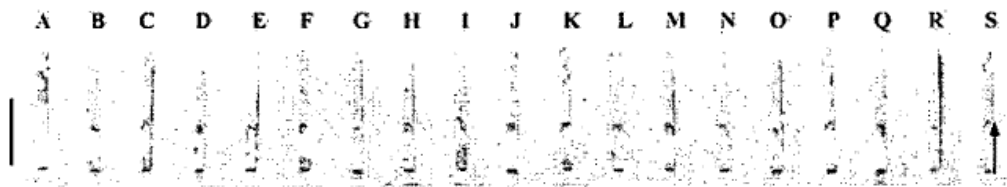
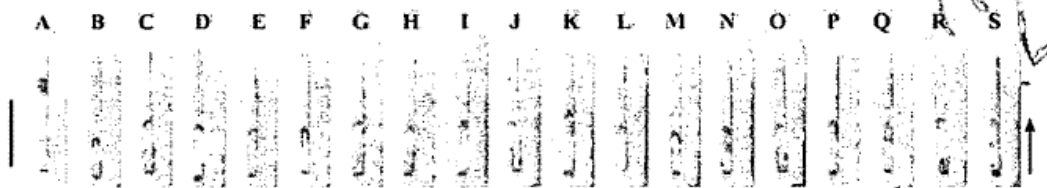
BEFORE**7 DAYD AFTER EYE DROP****14 DAYS AFTER EYE DROP**

Fig. 142

Items	Tear volumes (mm) after test material topical eye drop		
Groups	-1 day	7 days	14 days
Control			
Sham	10.90±1.69	10.38±1.08	10.28±0.69
ELGE	4.81±1.09 ^a	4.37±0.83 ^b	4.70±0.65 ^b
Reference			
DS	4.74±1.30 ^a	5.72±1.28 ^{be}	6.56±1.15 ^{bd}
YY-101	4.86±1.08 ^a	5.36±0.68 ^{be}	6.25±0.68 ^{bd}
YY-102	4.94±0.71 ^a	5.77±1.01 ^{be}	6.60±0.64 ^{bd}
Test materials (0.3% solutions)			
YDE-029	4.72±1.05 ^a	5.33±1.43 ^b	6.03±1.71 ^b
YDE-030	4.93±1.15 ^a	5.69±1.79 ^b	6.65±2.17 ^b
YDE-031	4.70±0.69 ^a	5.63±1.97 ^b	5.91±0.85 ^{be}
YDE-032	4.94±1.04 ^a	5.58±0.80 ^{be}	5.03±0.93 ^b
YDE-033	4.77±1.32 ^a	4.99±1.20 ^b	4.54±1.16 ^b
YDE-034	4.88±1.07 ^a	6.16±1.01 ^{bd}	6.43±1.86 ^b
YDE-035	4.92±1.18 ^a	4.96±0.96 ^b	6.25±0.79 ^{bd}
YDE-036	4.83±1.07 ^a	4.95±1.05 ^b	5.13±1.03 ^b
YDE-037	4.68±0.83 ^a	4.98±0.66 ^b	5.80±0.96 ^{be}
YDE-039	4.81±1.27 ^a	6.04±1.01 ^{bd}	6.44±1.96 ^{be}
YDE-040	4.77±0.91 ^a	5.77±1.05 ^{be}	8.63±1.53 ^{cd}
YDE-041	4.87±1.19 ^a	5.01±1.26 ^b	6.25±2.15 ^b
YDE-042	4.83±0.84 ^a	6.30±1.08 ^{bd}	7.97±1.48 ^{bd}
YDE-043	4.86±0.81 ^a	5.90±1.06 ^{bd}	8.16±1.42 ^{bd}

Fig. 143

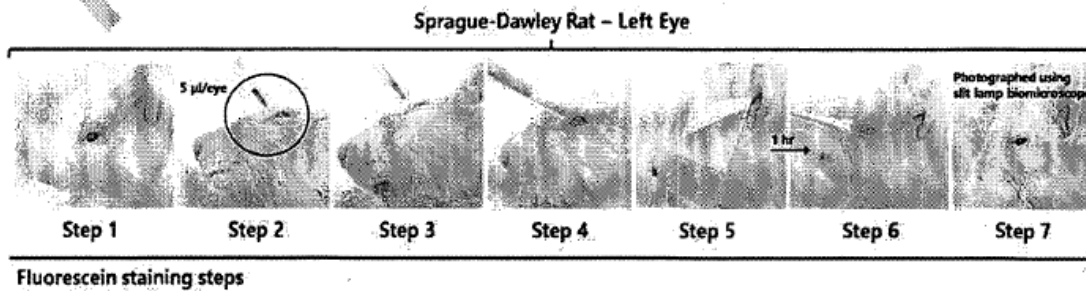


Fig. 144

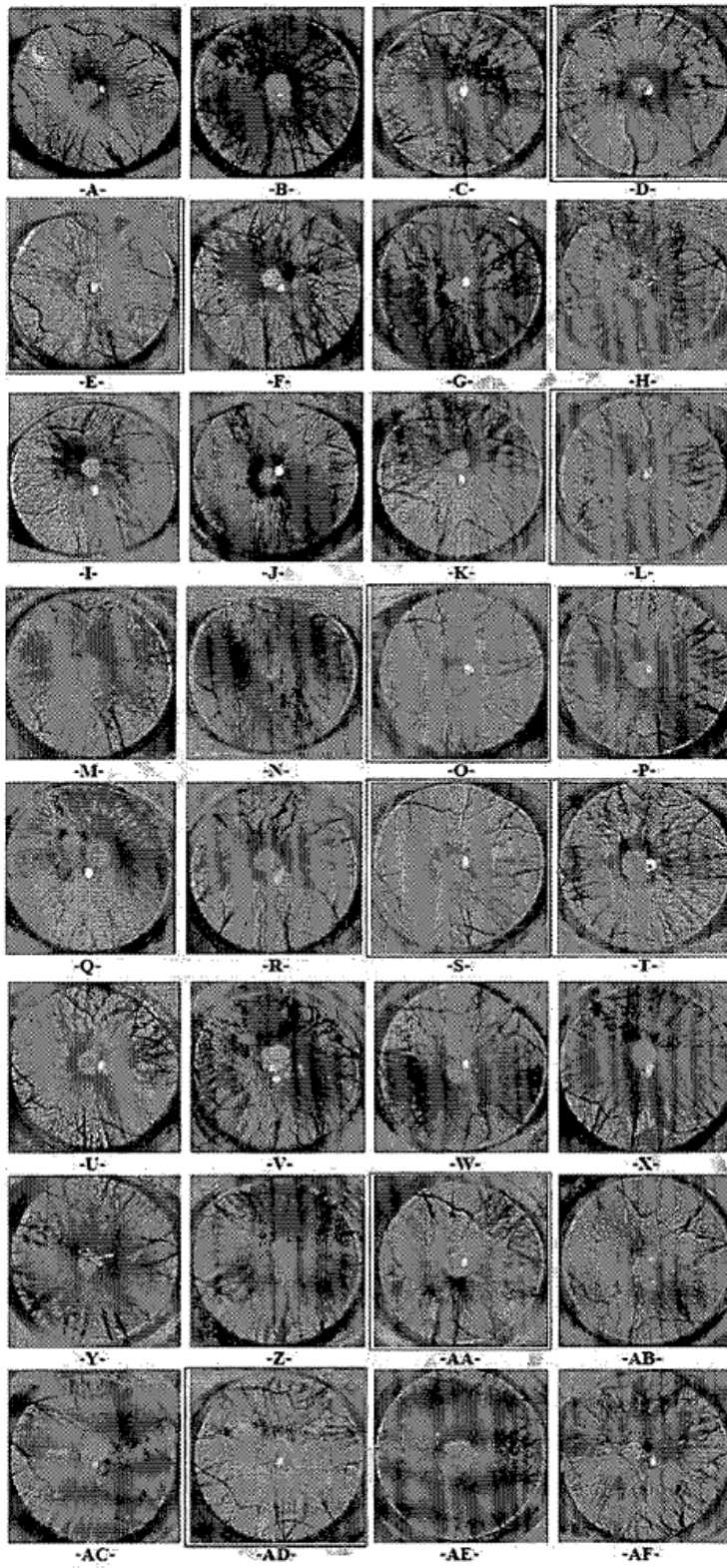


Fig. 145

Items	Fluorescent stained cornea areas (%)
Groups	
Control	
Sham	2.62±1.71
ELGE	57.34±12.83 ^a
Reference	
DS	35.40±13.32 ^a
Test materials (0.3% solutions)	
YY-102	27.48±14.37 ^{ac}
YDE-01	25.49±11.62 ^{ac}
YDE-02	38.26±11.25 ^{ac}
YDE-03	40.45±6.46 ^{ac}
YDE-04	35.05±11.74 ^{ac}
YDE-05	37.98±11.53 ^{ac}
YDE-06	33.23±13.26 ^{ac}
YDE-07	32.79±10.77 ^{ac}
YDE-08	20.32±11.87 ^{ac}
YDE-09	41.50±7.86 ^{ac}
YDE-10	49.29±12.06 ^a
YDE-11	18.11±11.61 ^{ac}
YDE-12	31.01±11.38 ^{ac}
YDE-13	32.24±7.84 ^{ac}
YDE-14	31.15±10.87 ^{ac}
YDE-15	15.95±6.48 ^{bc}
YDE-16	24.57±10.34 ^{ac}
YDE-17	39.76±7.42 ^{ac}
YDE-18	38.19±10.96 ^{ac}
YDE-19	40.39±12.57 ^{ac}
YDE-20	47.84±13.47 ^a
YDE-21	37.00±10.49 ^{ac}
YDE-22	47.82±10.01 ^a
YDE-23	26.51±8.18 ^{ac}
YDE-24	30.63±10.41 ^{ac}
YDE-25	47.10±11.45 ^a
YDE-26	22.63±11.23 ^{ac}
YDE-27	50.24±11.94 ^a
YDE-28	41.17±10.25 ^{ac}

Fig. 146

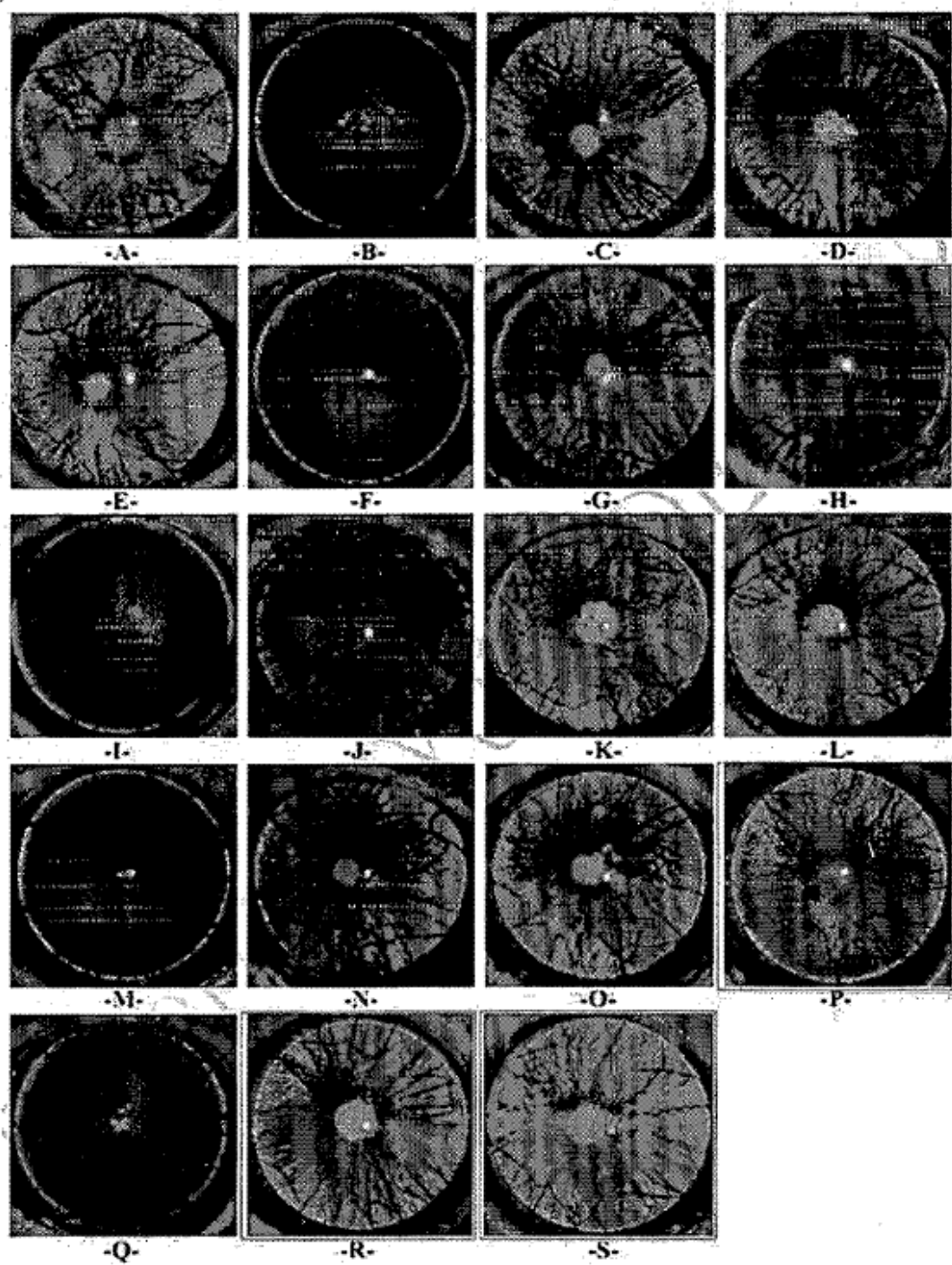


Fig. 147

Groups	Items Fluorescent stained cornea areas (%)
Control	
Sham	1.53±0.65
ELGE	66.71±10.02 ^b
Reference	
DS	30.03±10.97 ^{bd}
YY-101	33.80±11.11 ^{bd}
YY-102	27.89±7.10 ^{bd}
Test materials (0.3% solutions)	
YDE-029	63.45±11.57 ^b
YDE-030	30.60±13.61 ^{bd}
YDE-031	33.35±11.01 ^{bd}
YDE-032	58.90±19.81 ^b
YDE-033	60.55±21.22 ^b
YDE-034	32.17±12.94 ^{bd}
YDE-035	27.62±6.51 ^{bd}
YDE-036	57.87±22.91 ^b
YDE-037	36.30±9.75 ^{bd}
YDE-039	29.94±11.40 ^{bd}
YDE-040	18.33±9.41 ^{bd}
YDE-041	46.38±26.65 ^b
YDE-042	20.72±11.37 ^{bd}
YDE-043	19.04±7.36 ^{bd}

Fig. 148

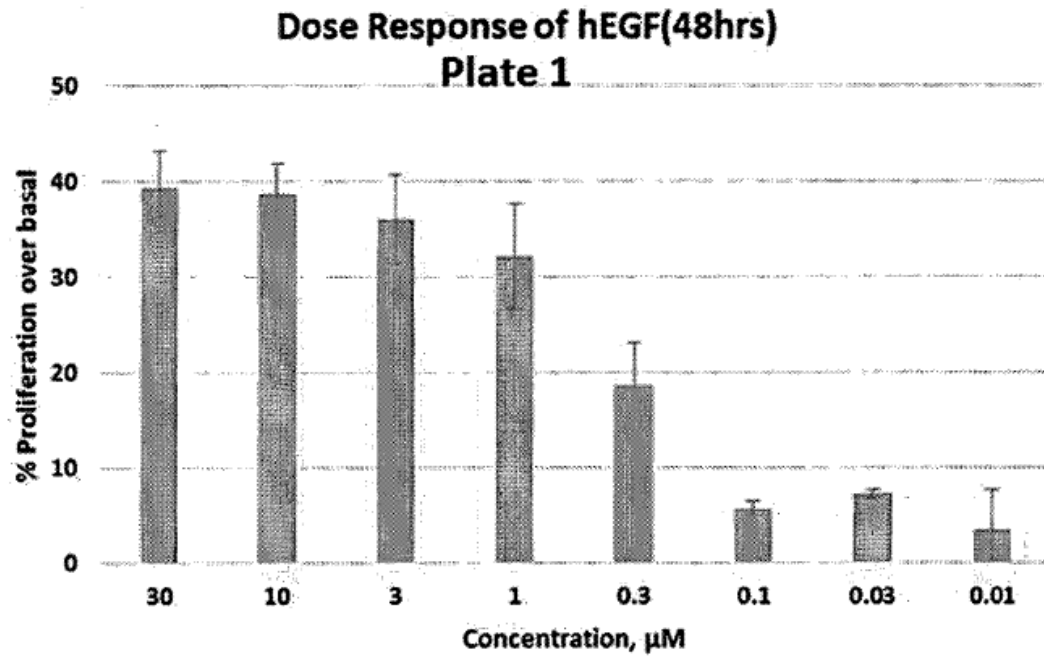


Fig. 149

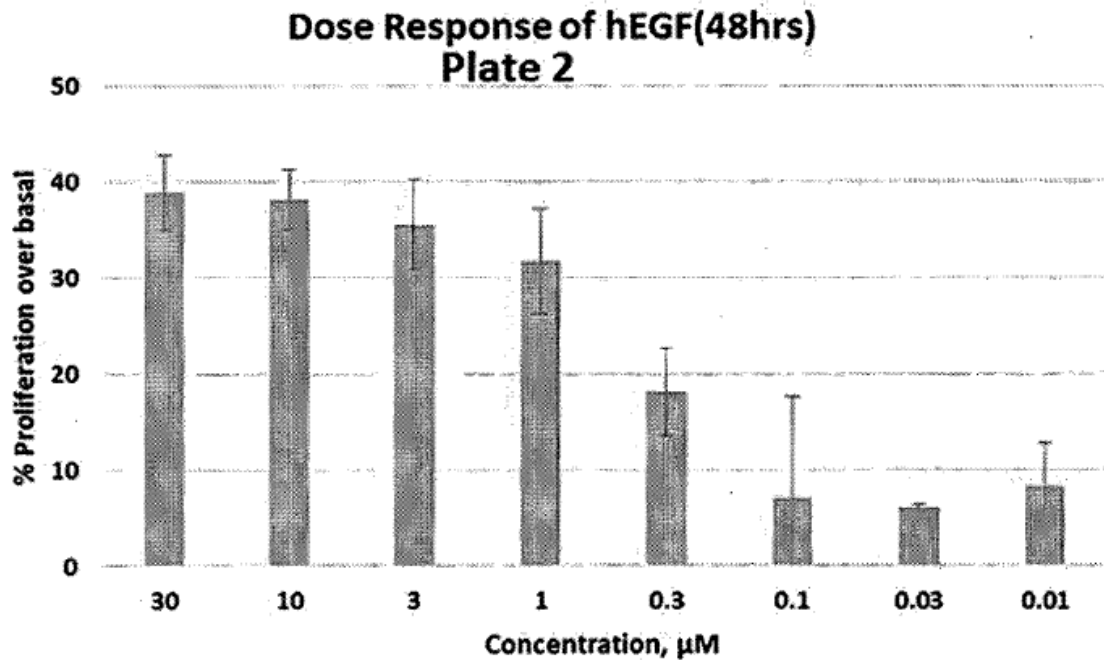


Fig. 150

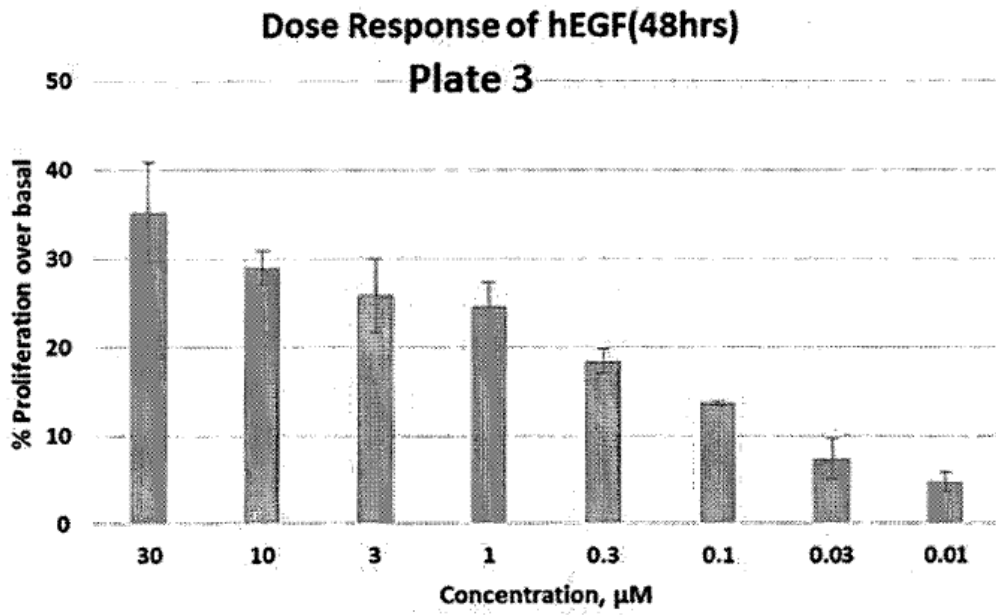


Fig. 151

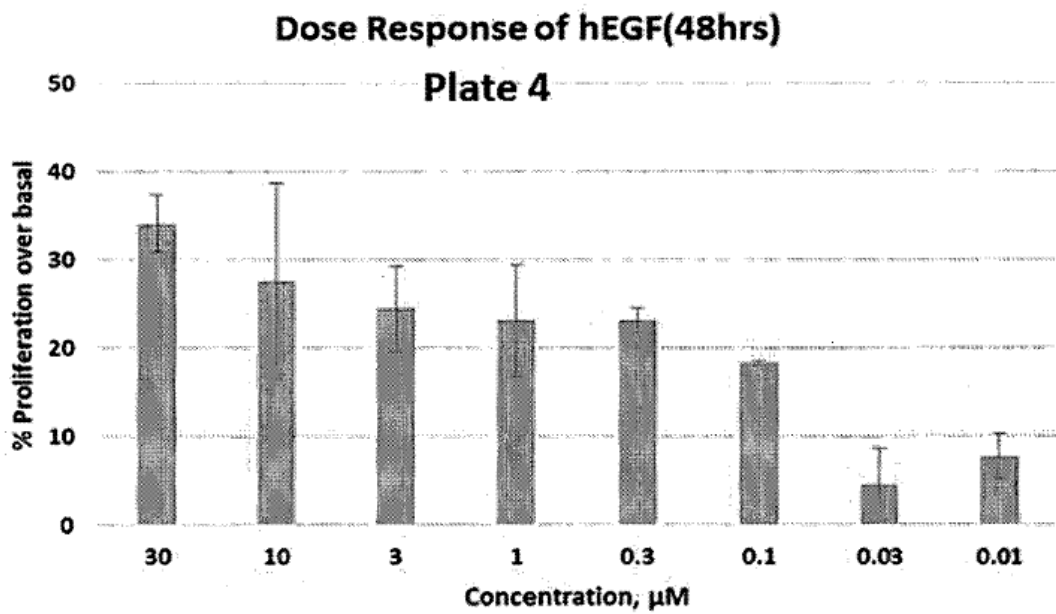


Fig. 152

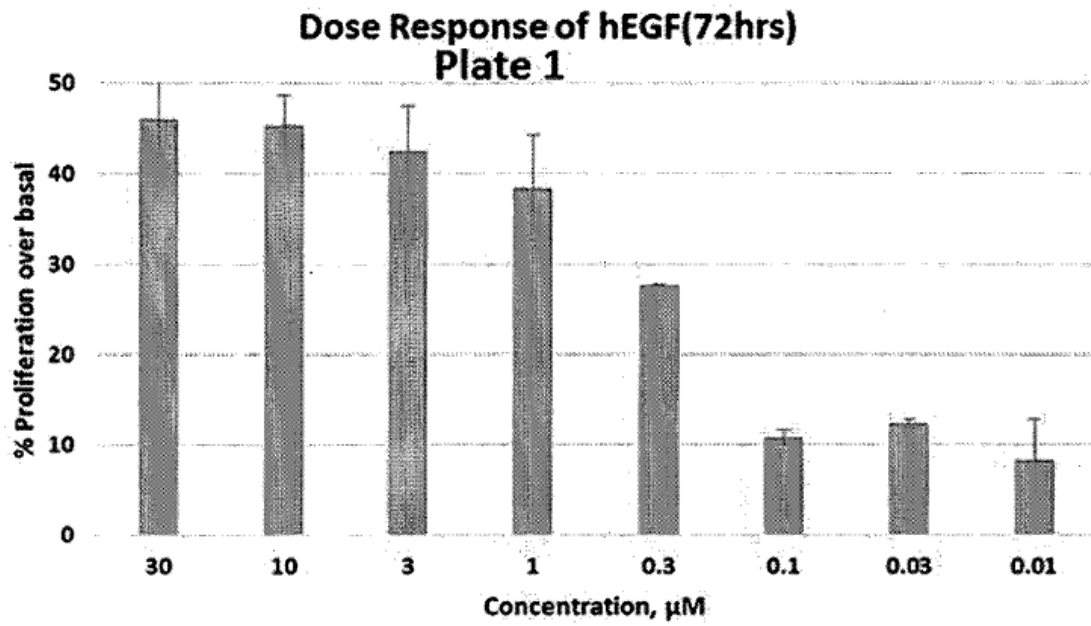


Fig. 153

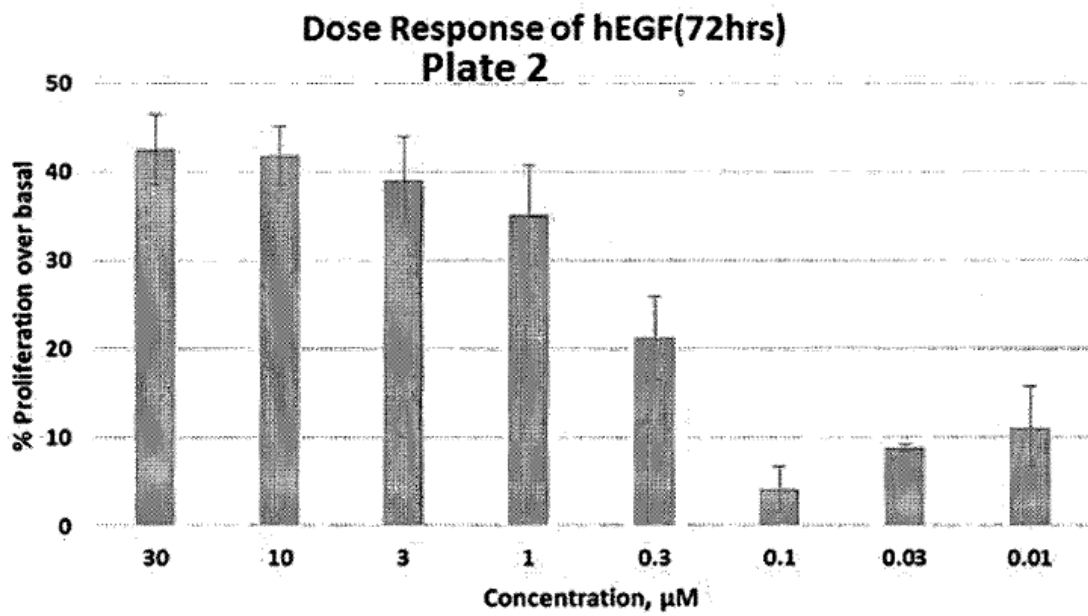


Fig. 154

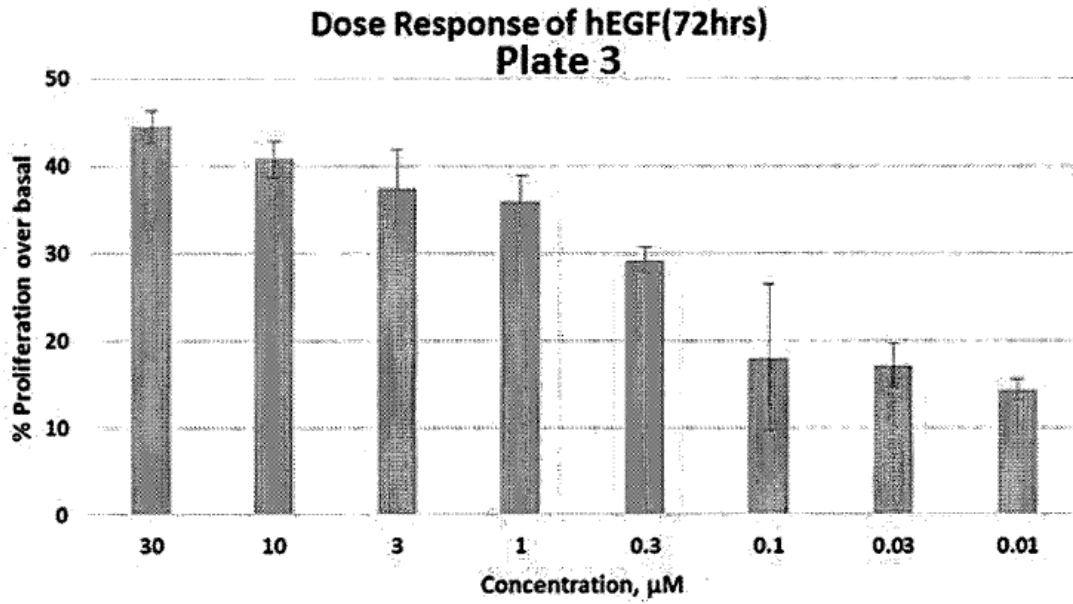


Fig. 155

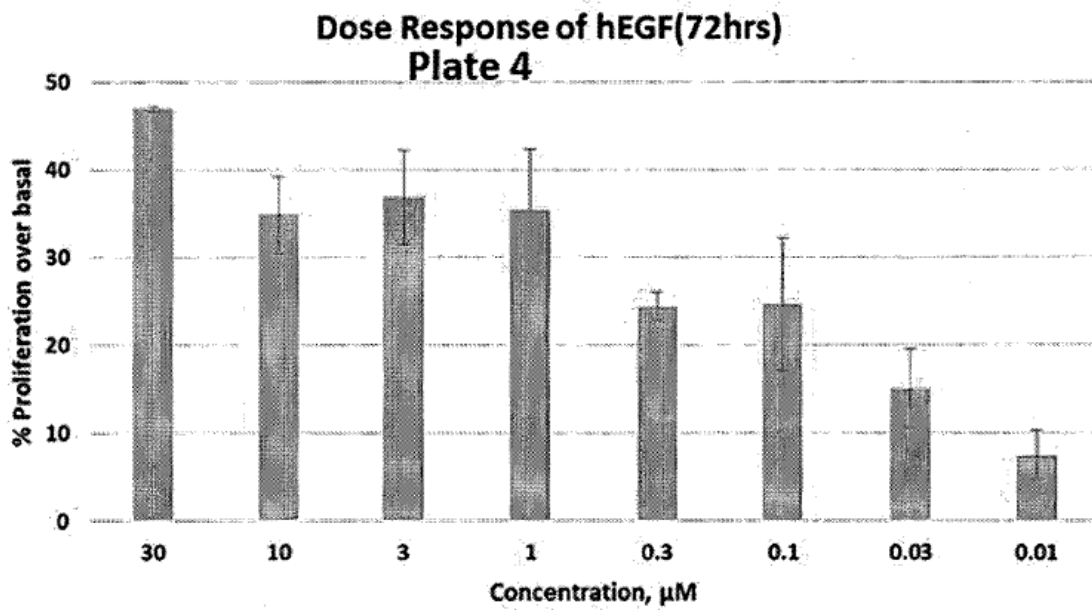


Fig. 156

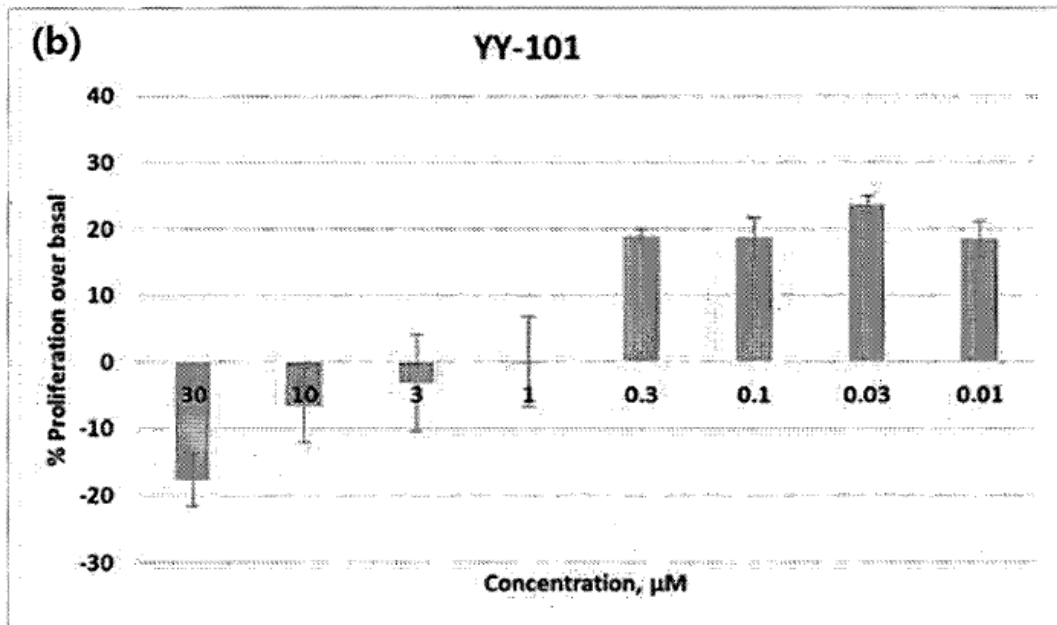
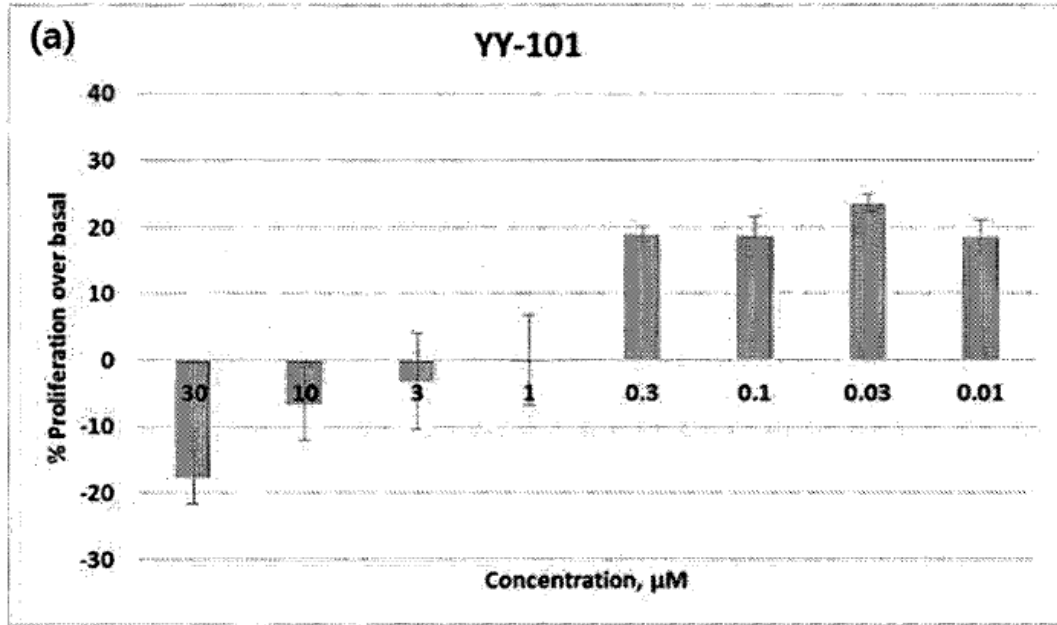


Fig. 157

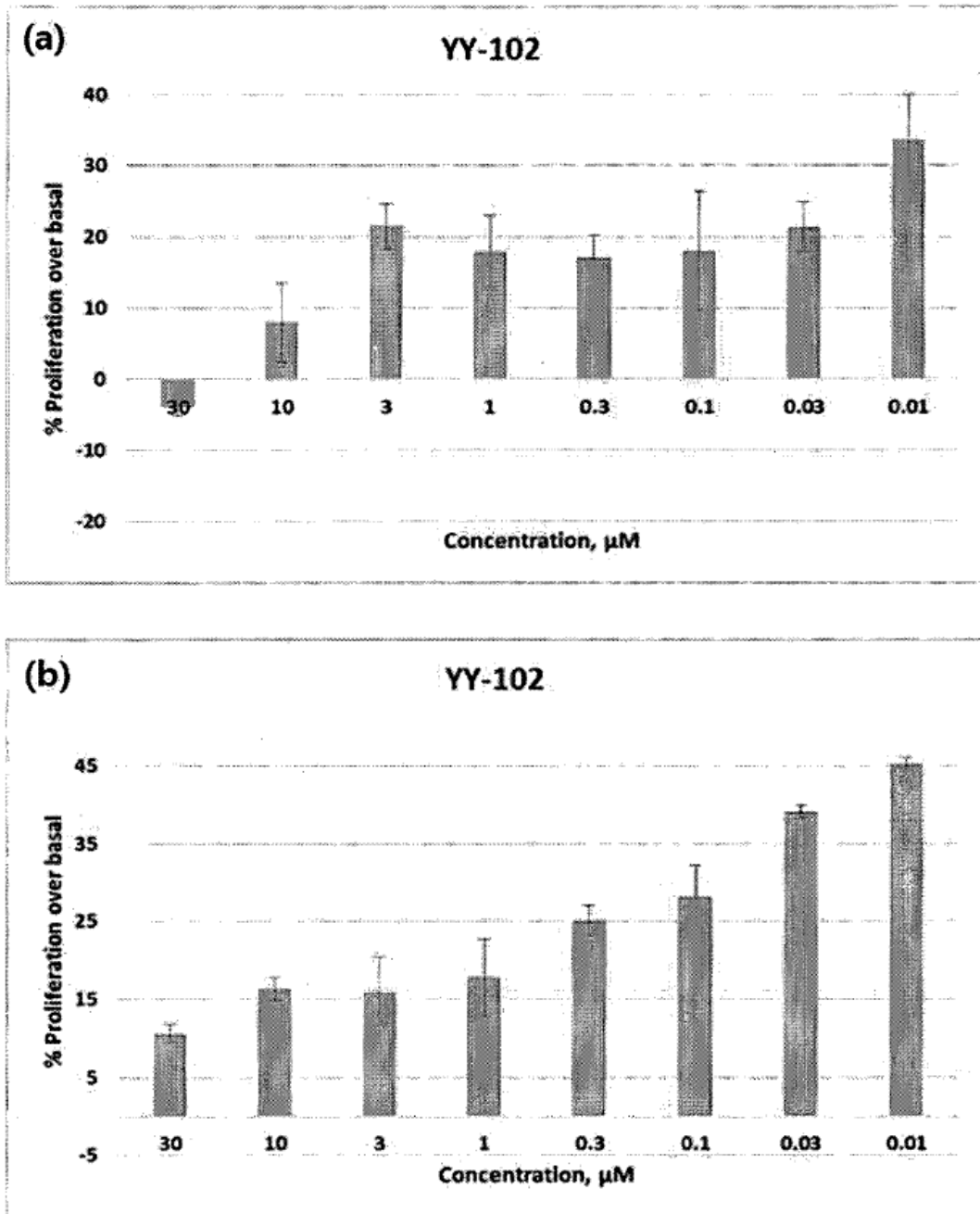


Fig. 158

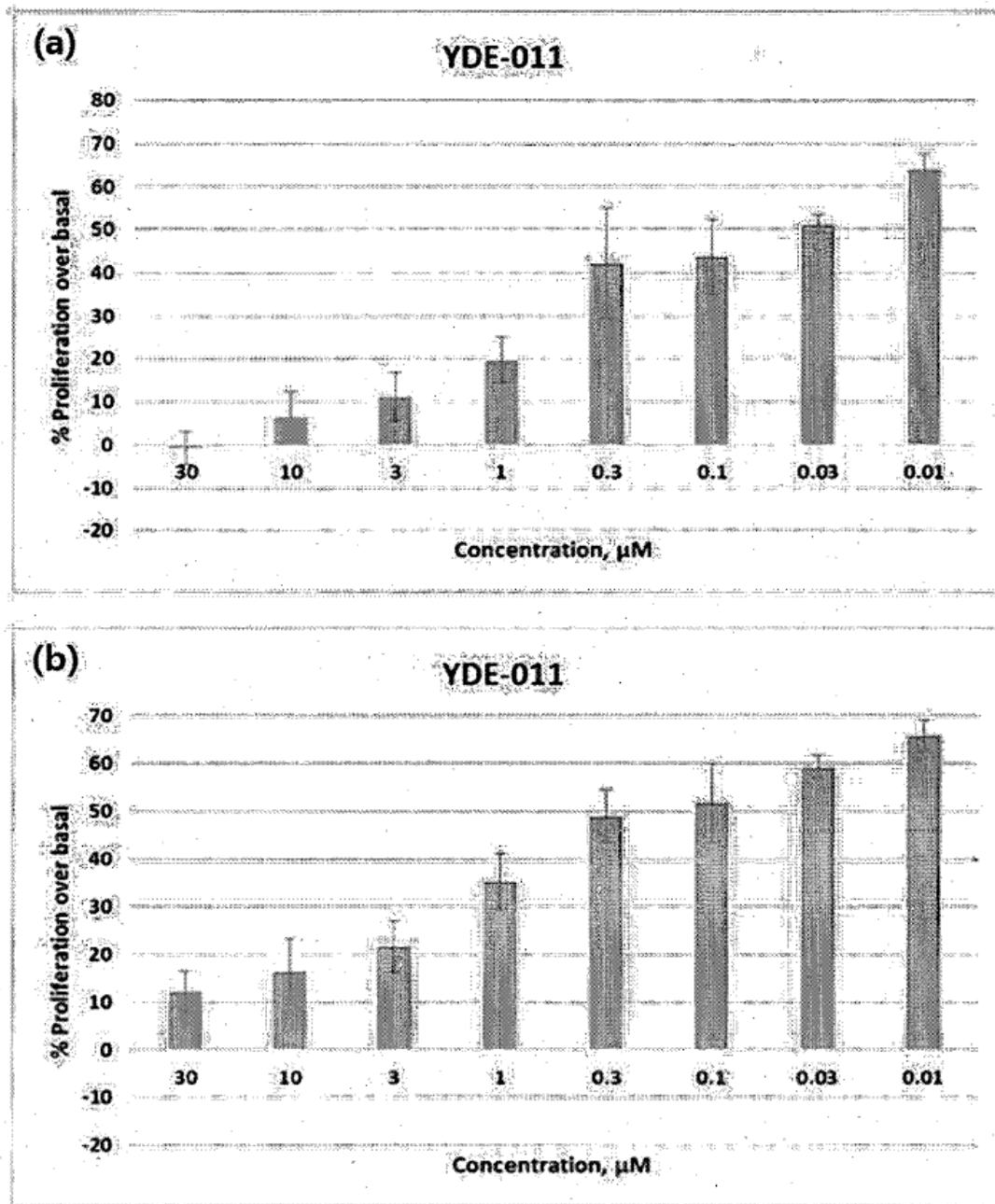


Fig. 159

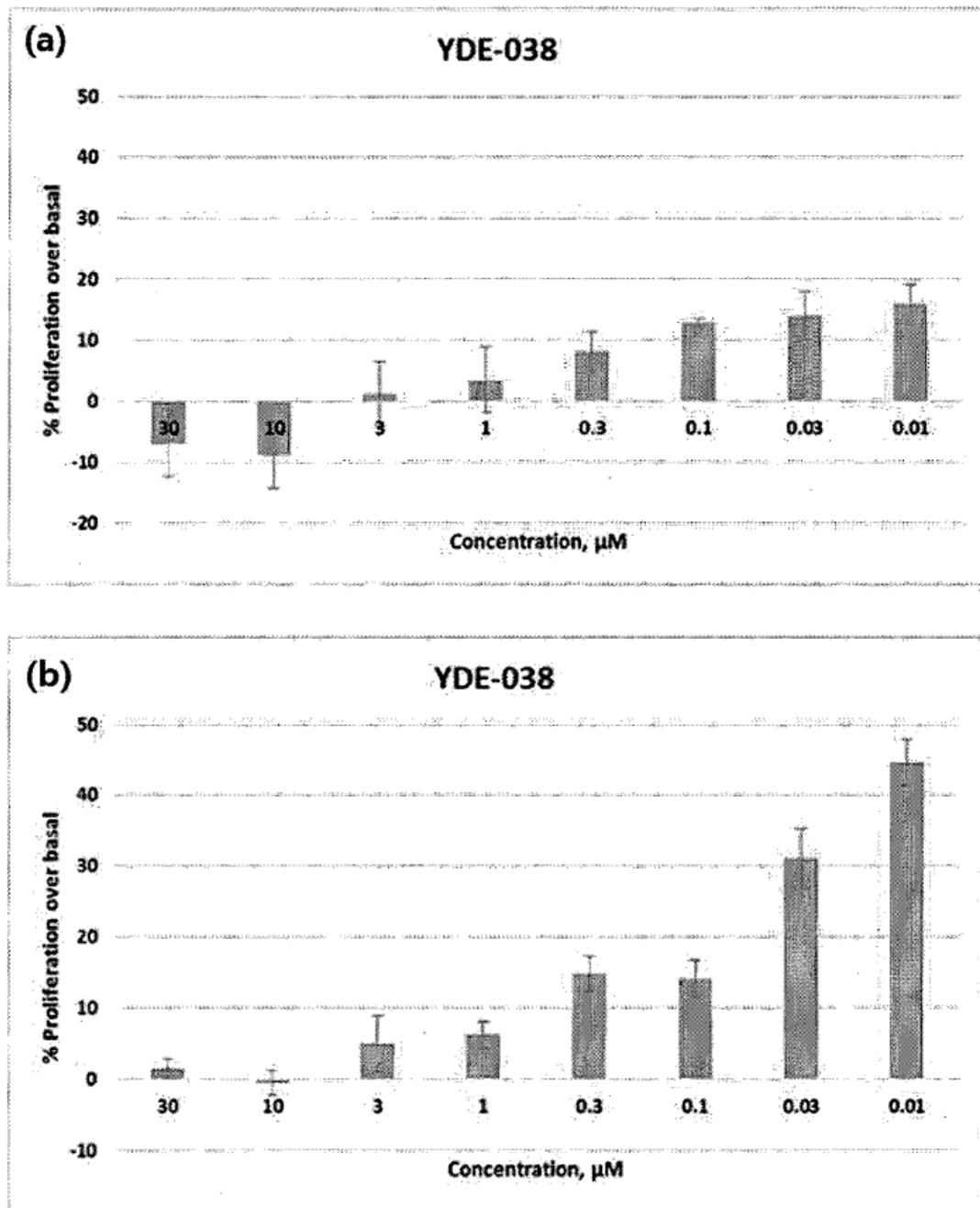


Fig. 160

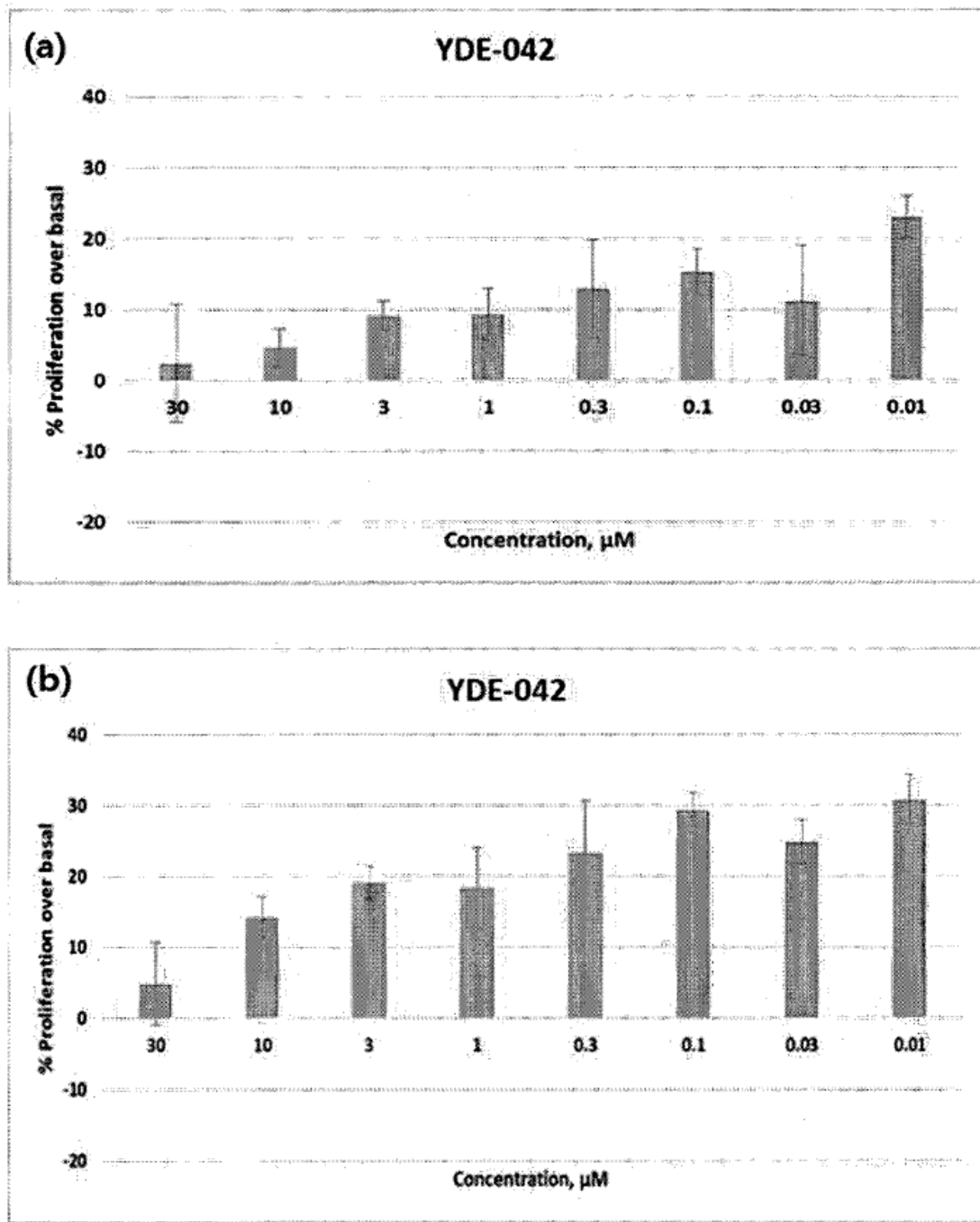


Fig. 161

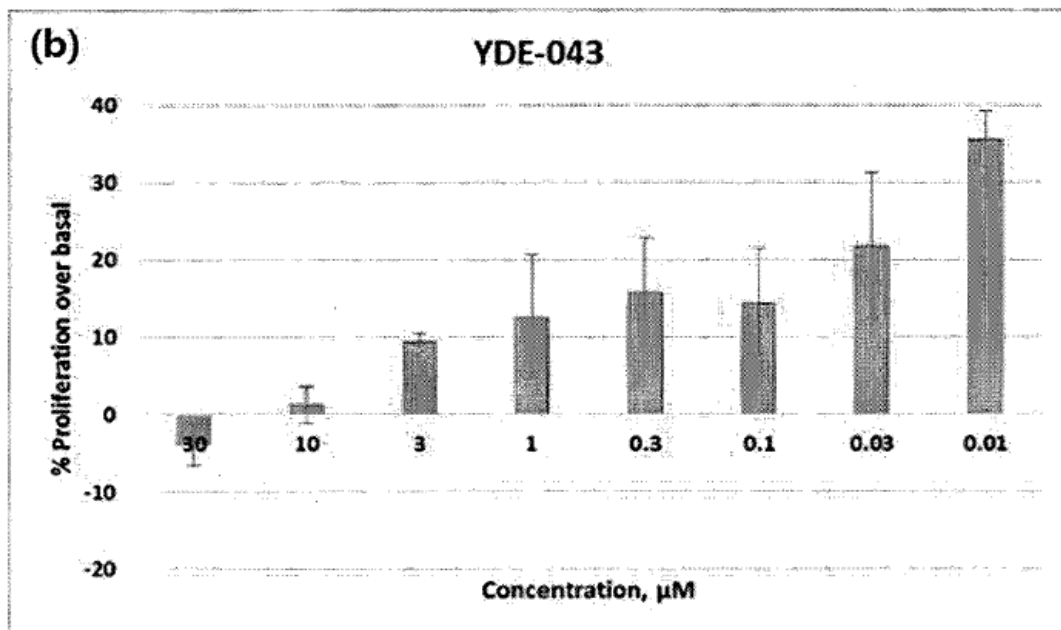
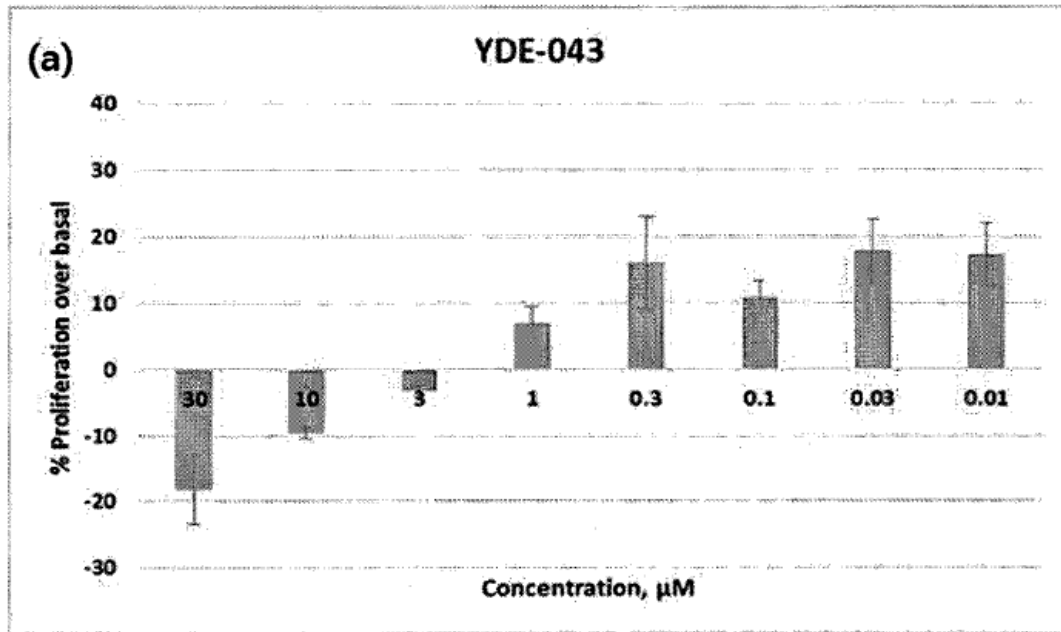


Fig. 162

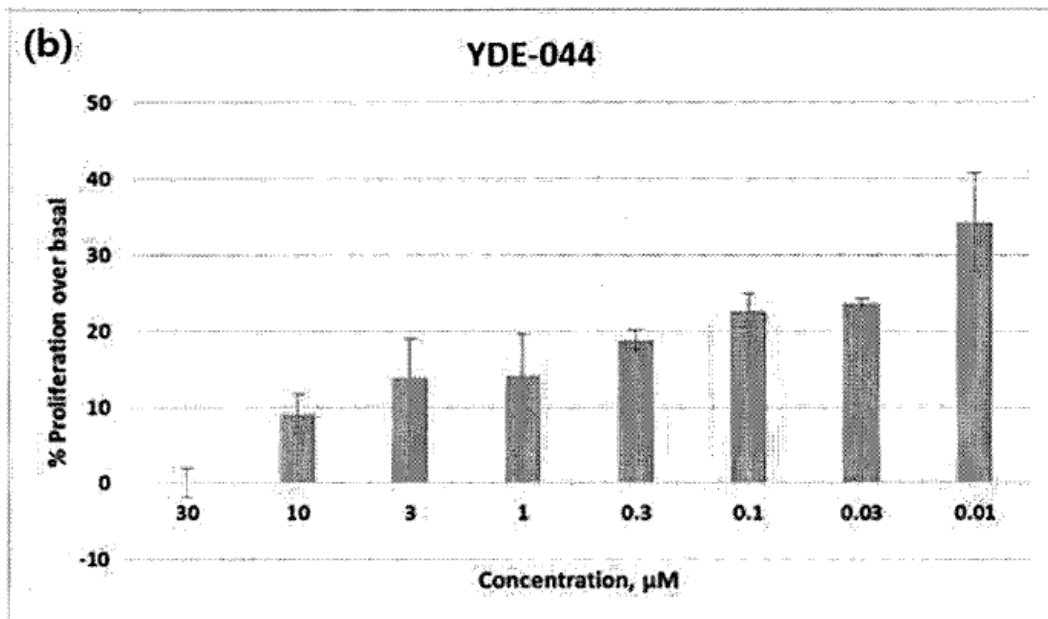
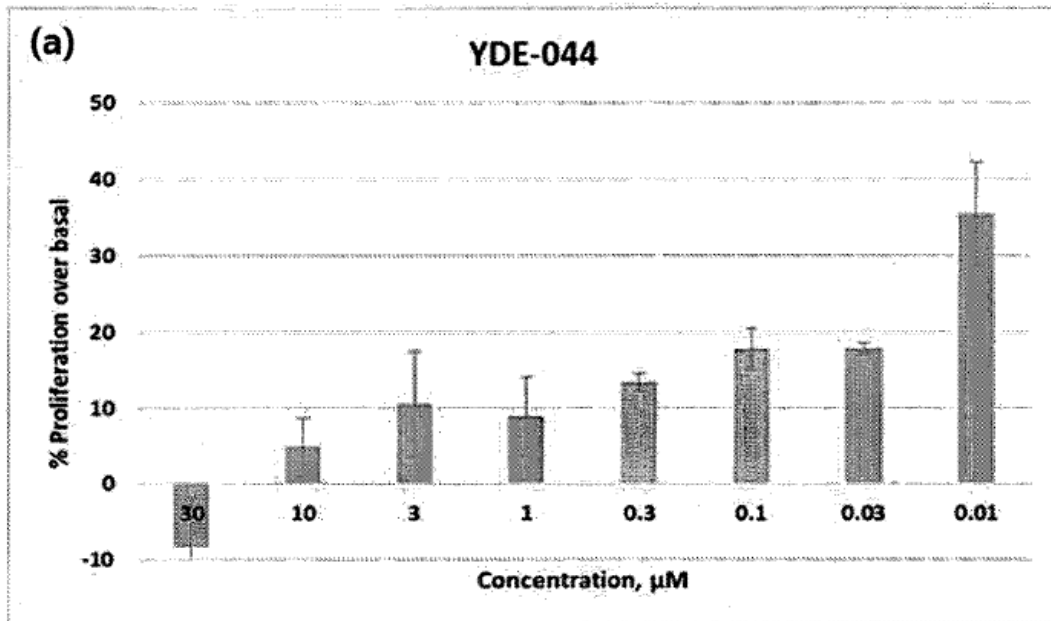


Fig. 163

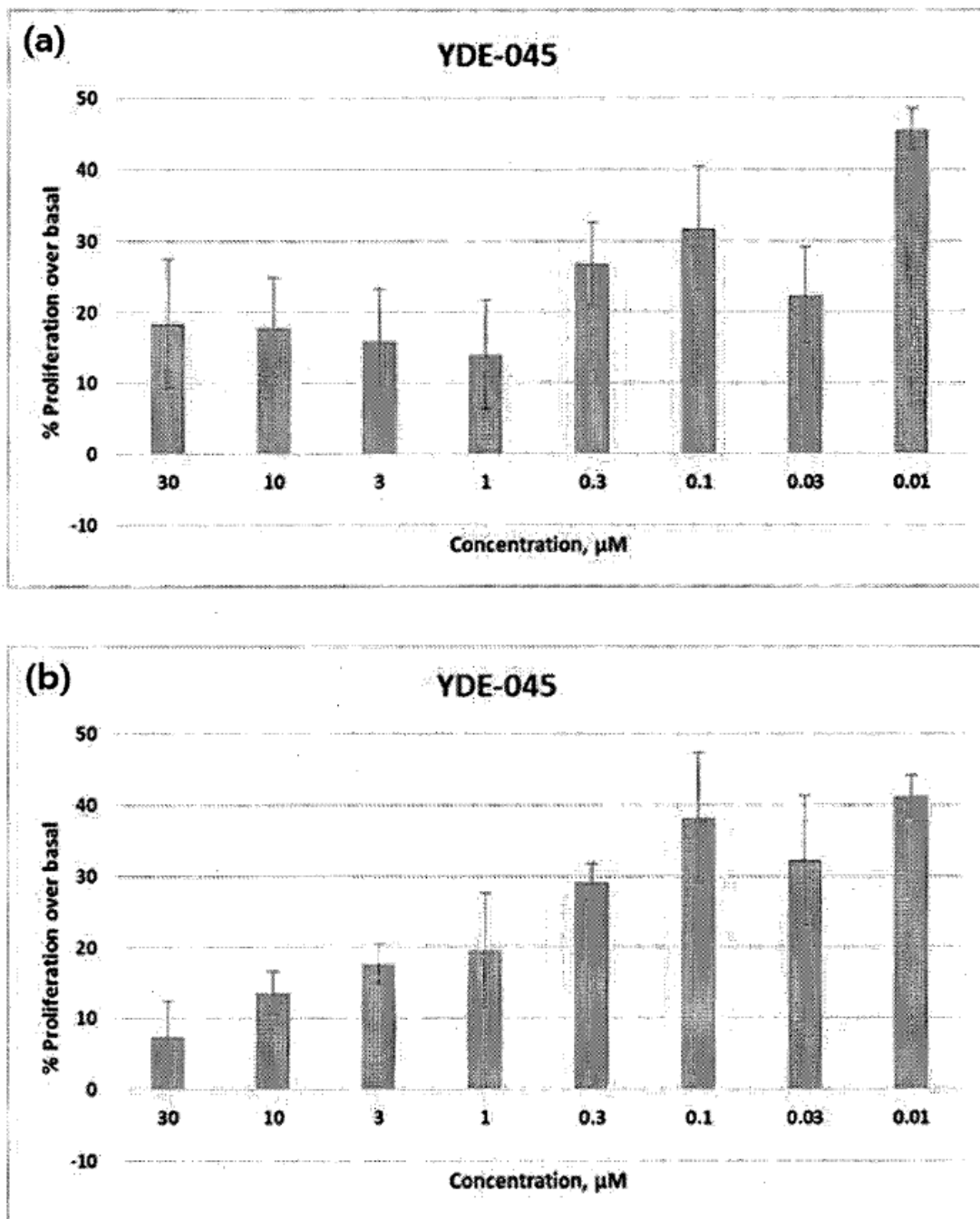


Fig. 164

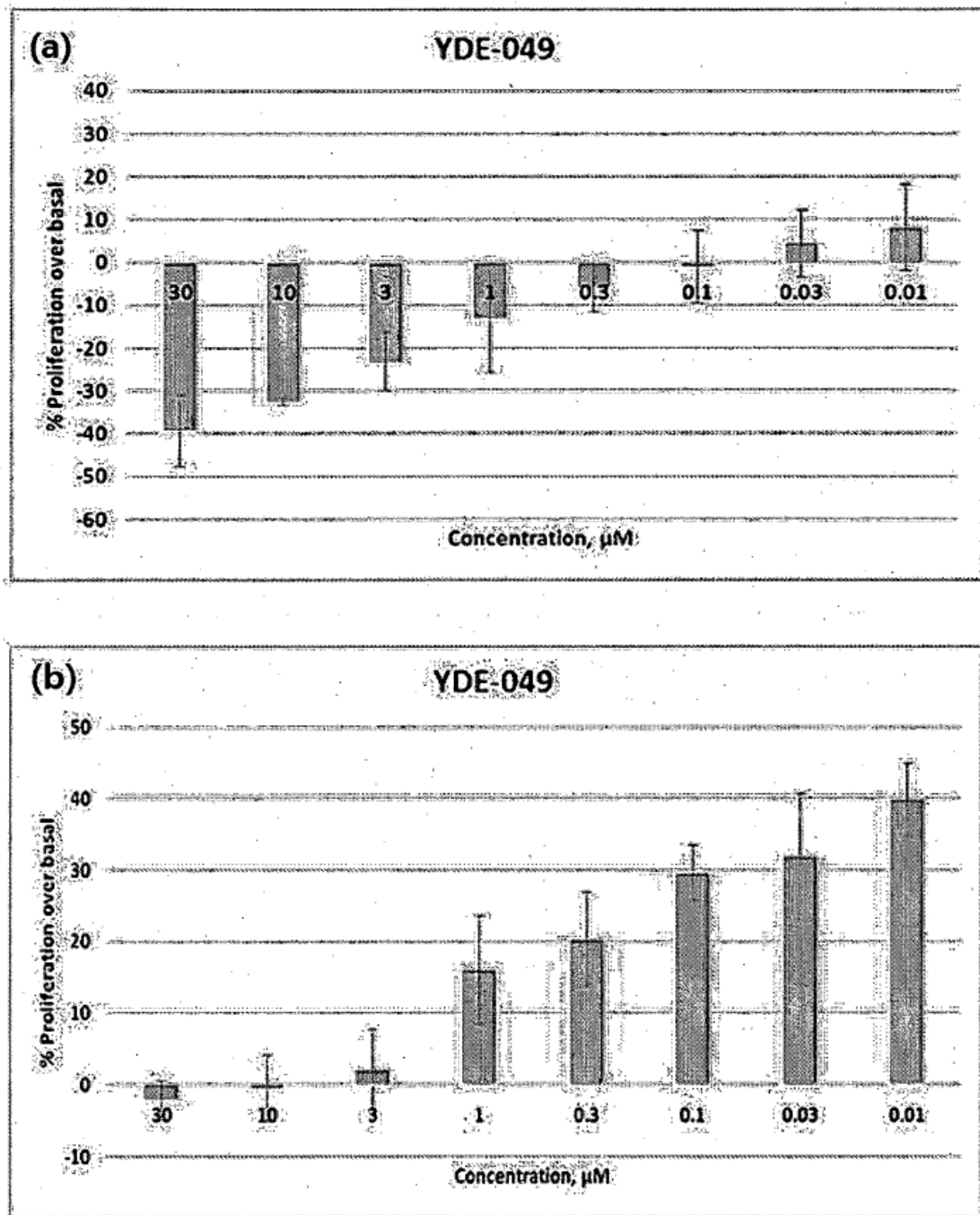


Fig. 165

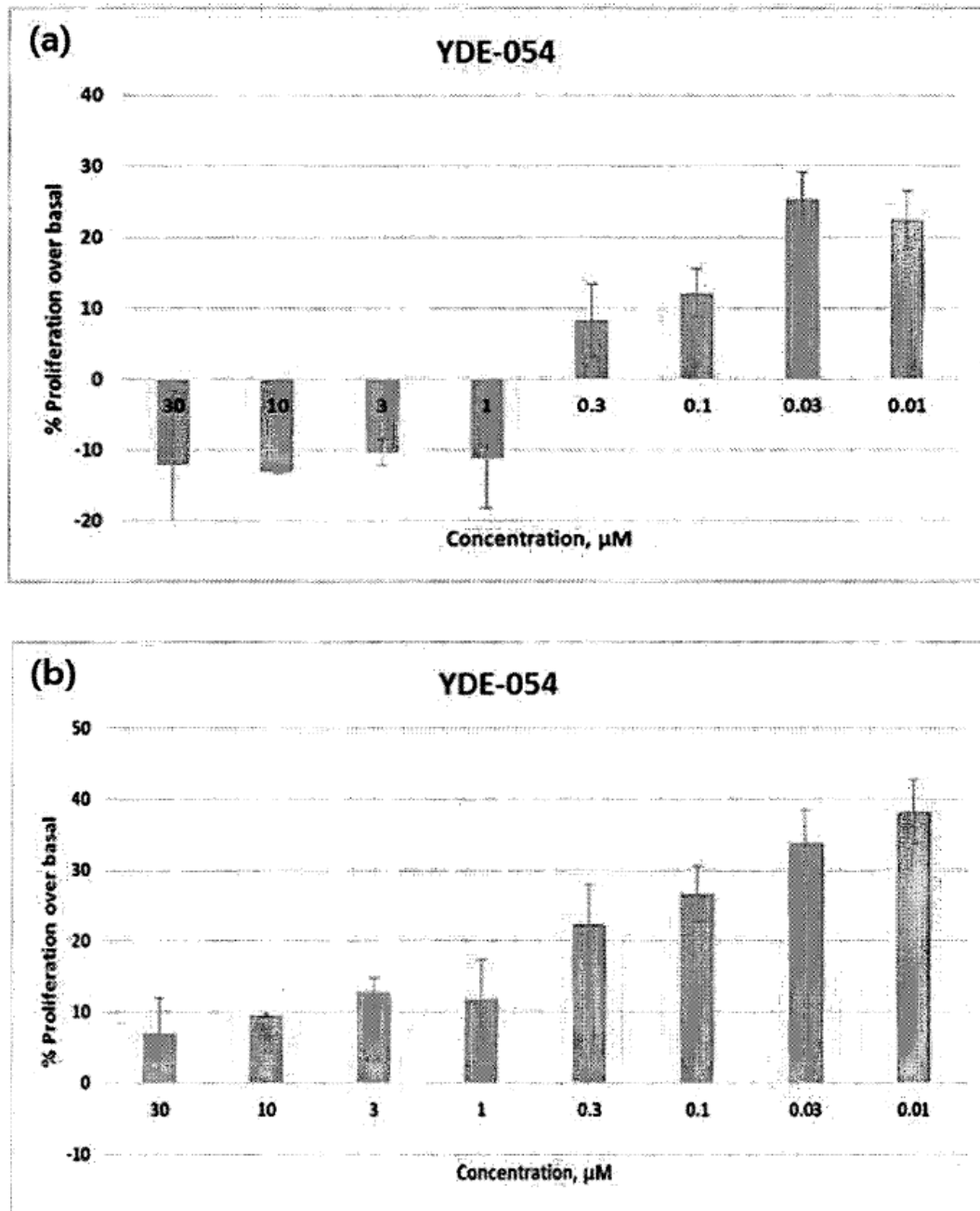


Fig. 166

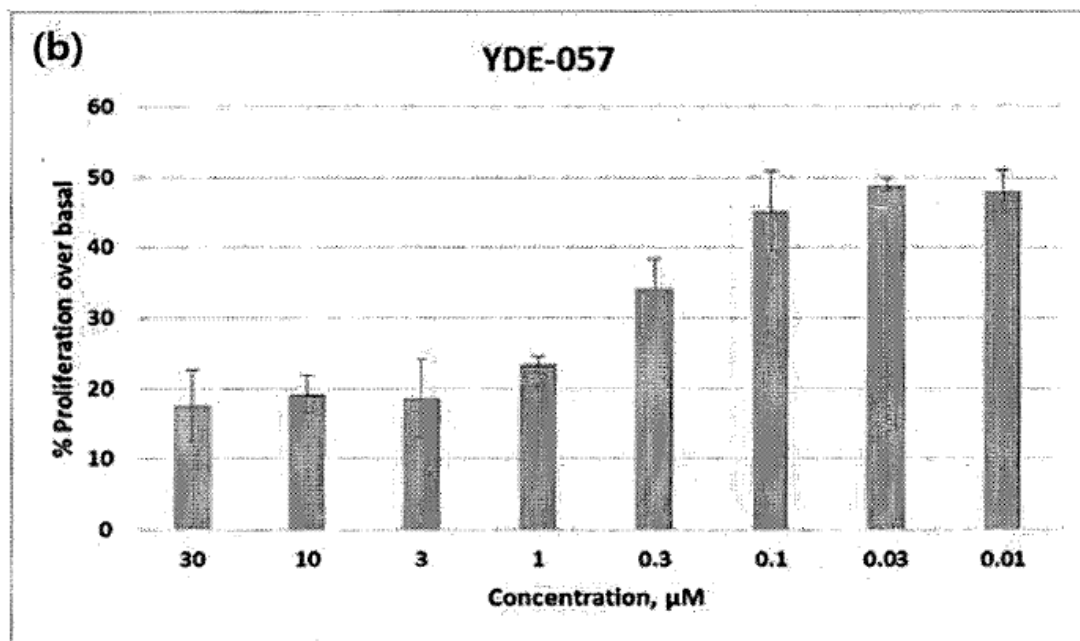
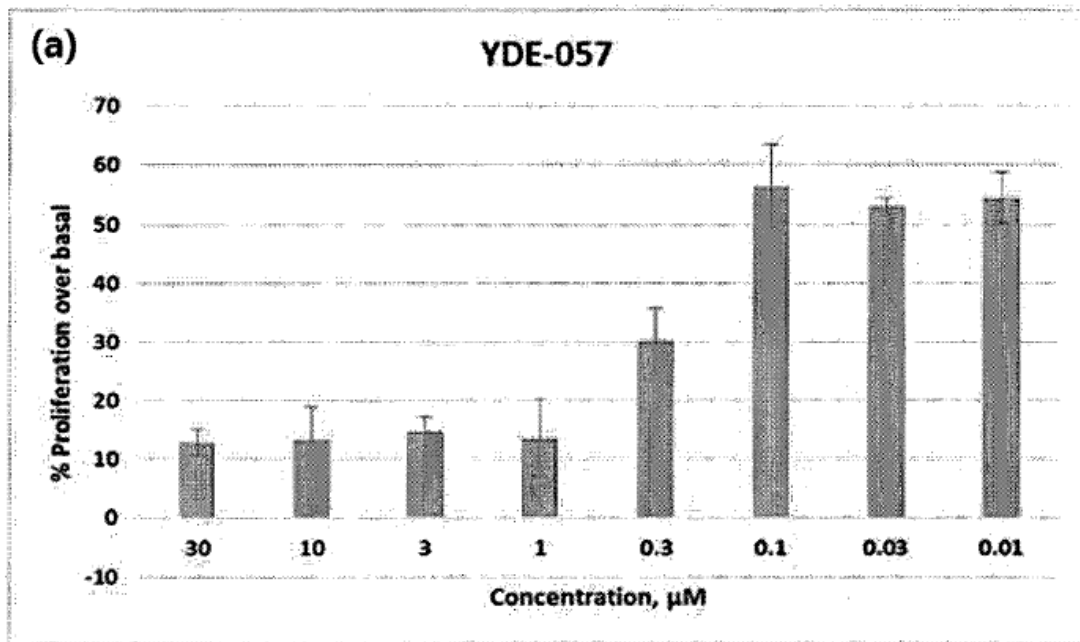


Fig. 167

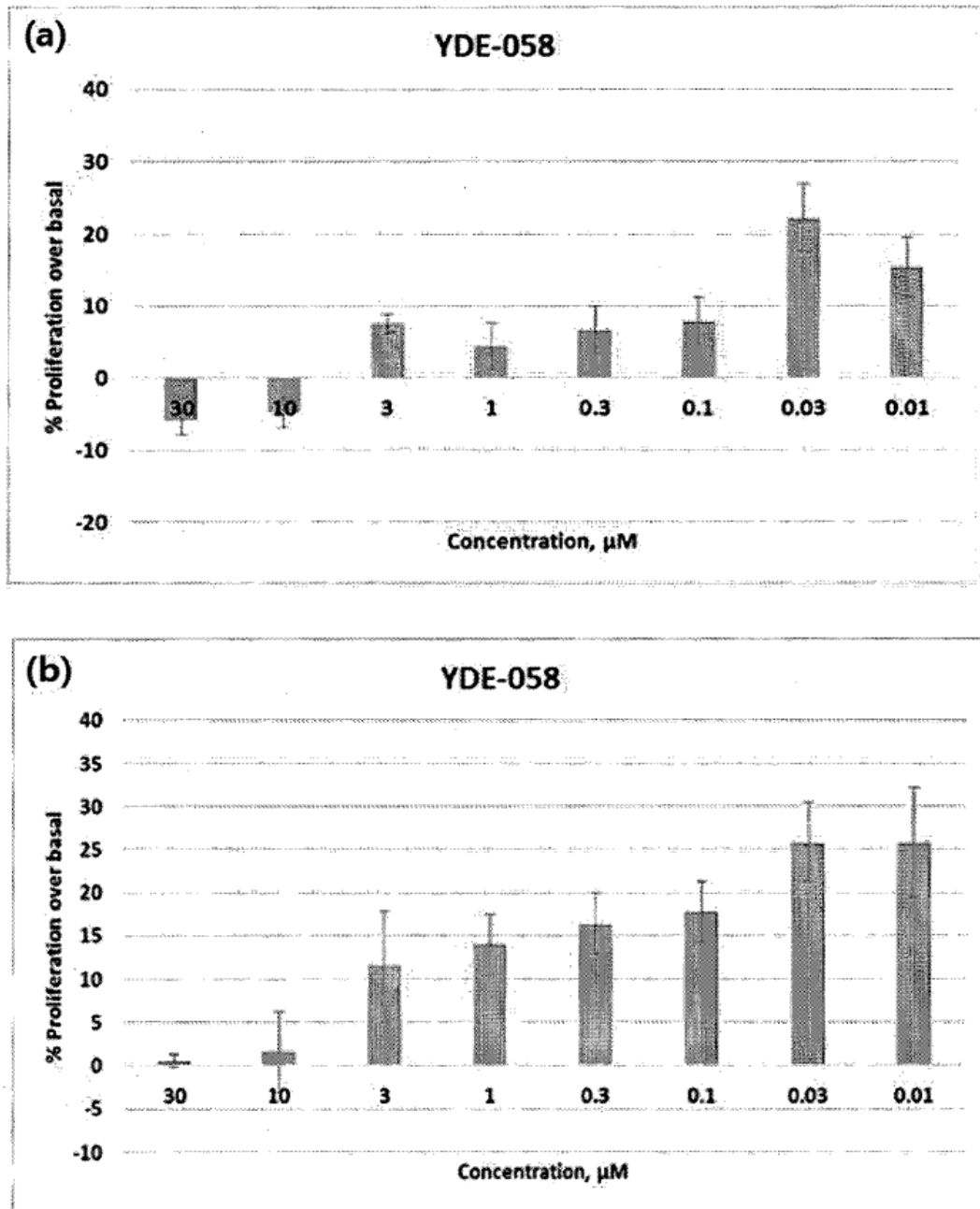


Fig. 168

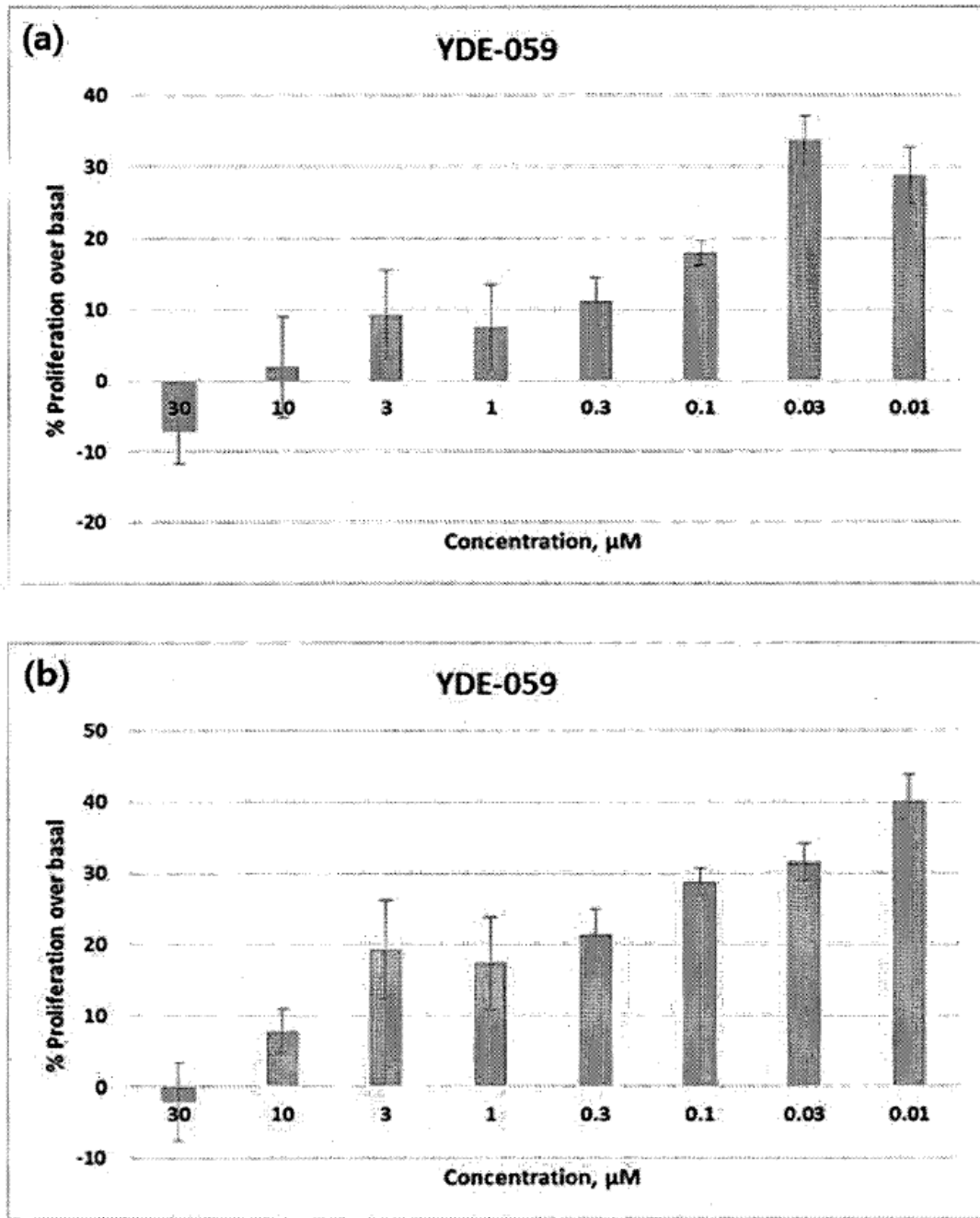


Fig. 169

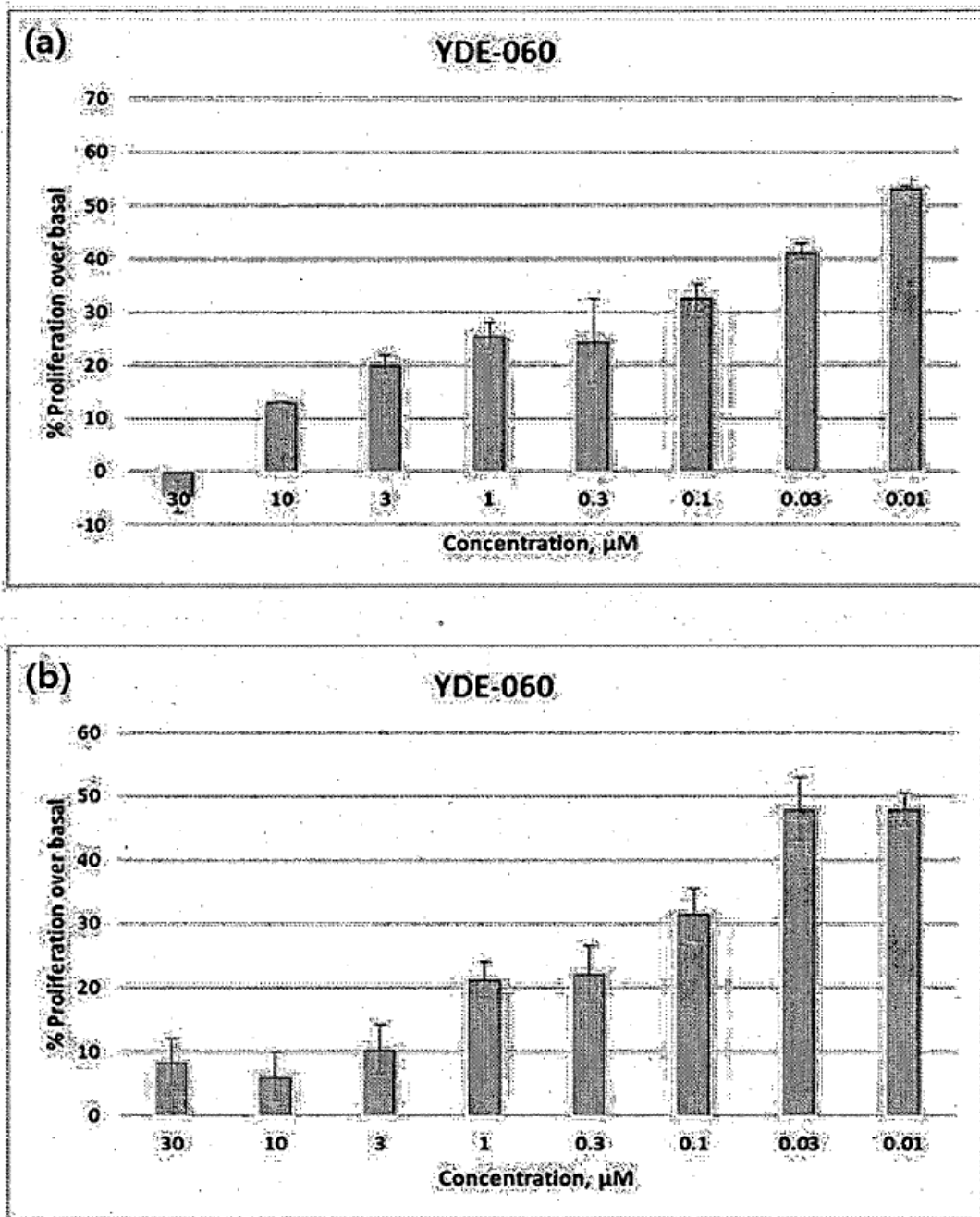


Fig. 170

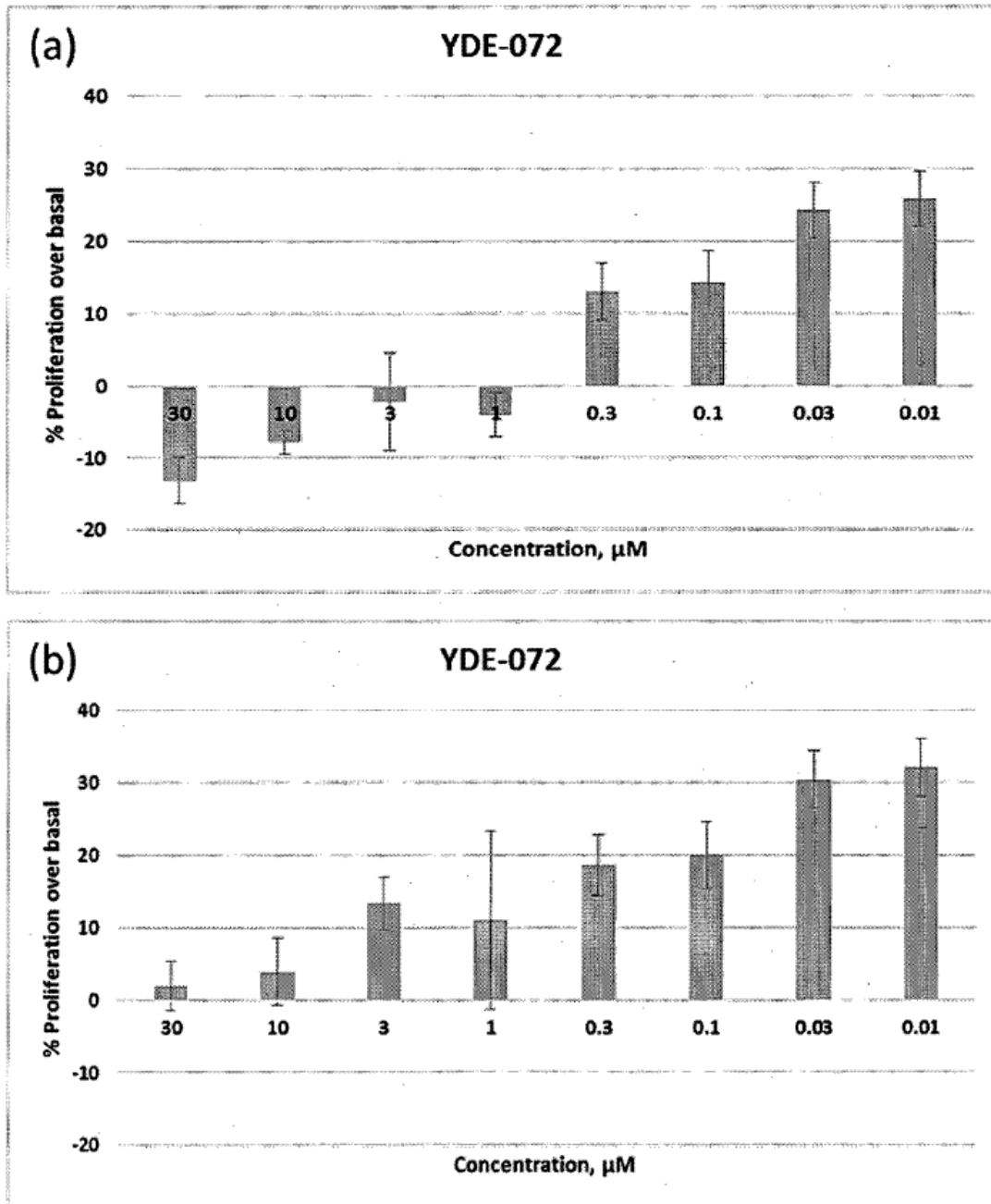


Fig. 171

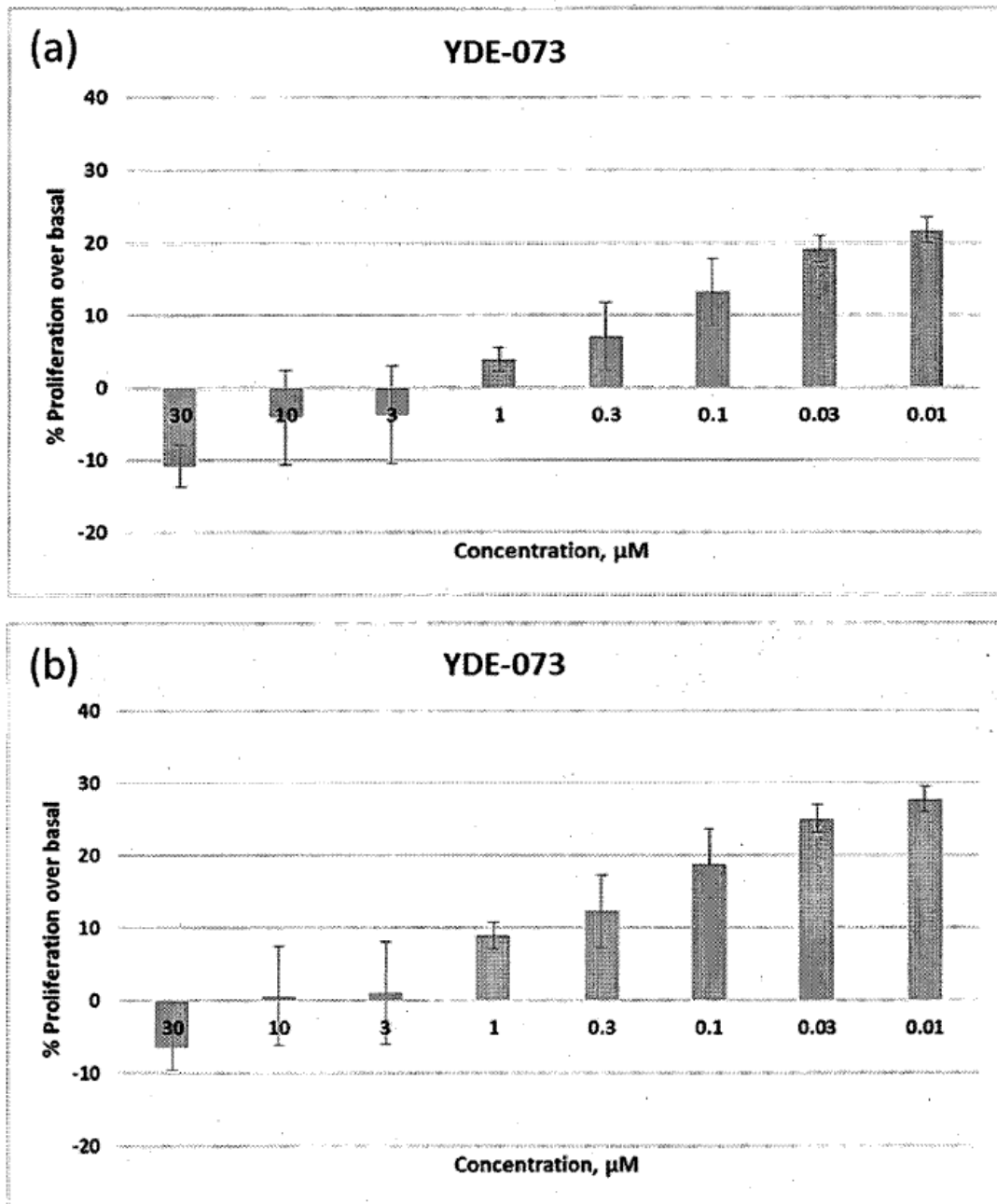


Fig. 172

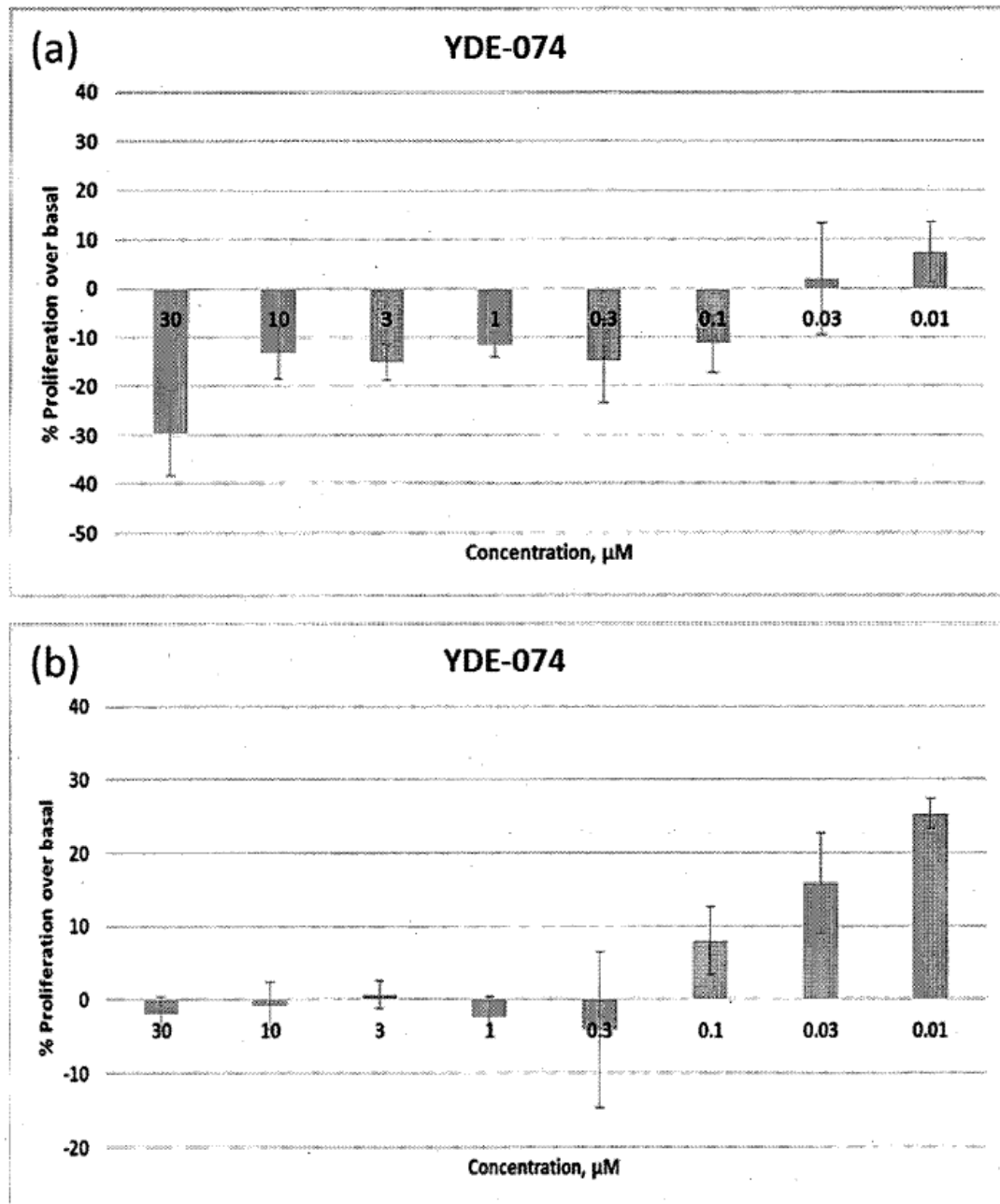


Fig. 173

