

Supporting Information

Design and *in vitro* Characterization of Highly Sst₂-selective Somatostatin Antagonists

Suitable for Radio-Targeting

Renzo Cescato^{1*}, Judith Erchegyi^{2*}, Beatrice Waser¹, Véronique Piccand¹, Helmut R. Mäcke³,
Jean E. Rivier^{2#}, Jean Claude Reubi¹

Contents: CZE profiles of selected compounds.

COLLECTION DATA NAME C8850 CHAN LEV REP TYPE DIRECTORY
 METHOD STANDARD C:\GOLD\SYS2DATA\
 C:\GOLD\SYS1METH\

INJECTION 13:39:37 15 JUN 2007
 ANALYSIS 14:07:28 15 JUN 2007
 REPORT 14:19:39 15 JUN 2007

LE TABLE TESTMIX C:\GOLD\SAMPLTBL\
 SYSTEM 2: SYSTEM2

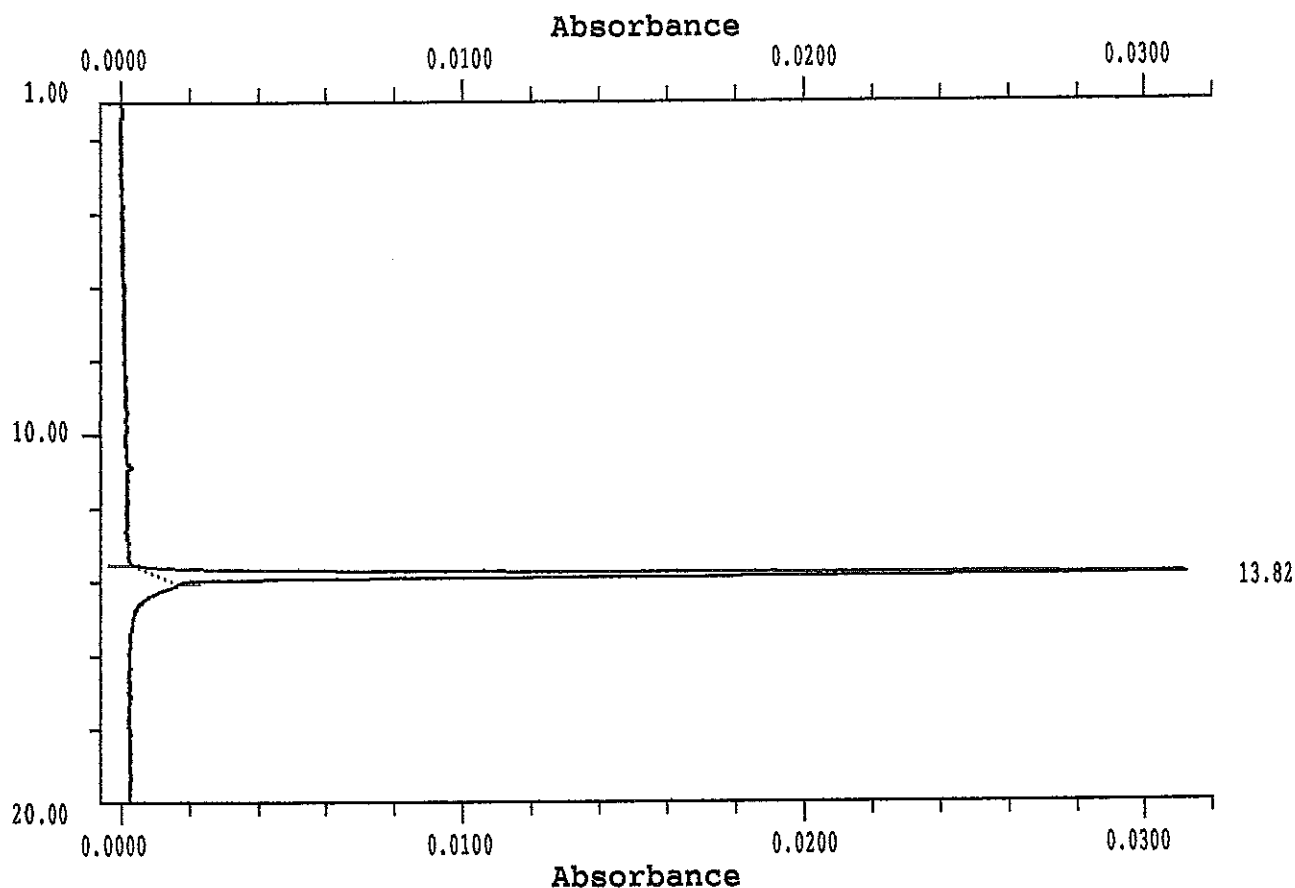
Analyst C MILLER
 Comments 0.1 M sodium phosphate-pH 2.5
 15% MeCN
 5 SEC. INJ
 406-092-15 3
 15 kV

Type	Sample Name	Sample Amount	Int Std Amount	Scale Factor	Nr. Inj	Sample V/P	Injection Sec	Value In	Value Out
Unk	C8850			1.00000	1 / 1	PRES	10.0	13	10 (from File)

Peak Number	Retention Time	Peak Area	Peak Height	Area Percent	Height Percent
1	13.817	4.50172	0.03019	100.000	100.000
TOTALS		4.50172	0.03019	100.000	100.000

99%

Average Efficiency: 0



COLLECTION DATA C8594 A 1 1 Orig C:\GOLD\SYS2DATA\
 METHOD STANDARD C:\GOLD\SYS1METH\

INJECTION 11:13:59 7 NOV 2006
 ANALYSIS 11:27:31 7 NOV 2006
 REPORT 11:28:11 7 NOV 2006

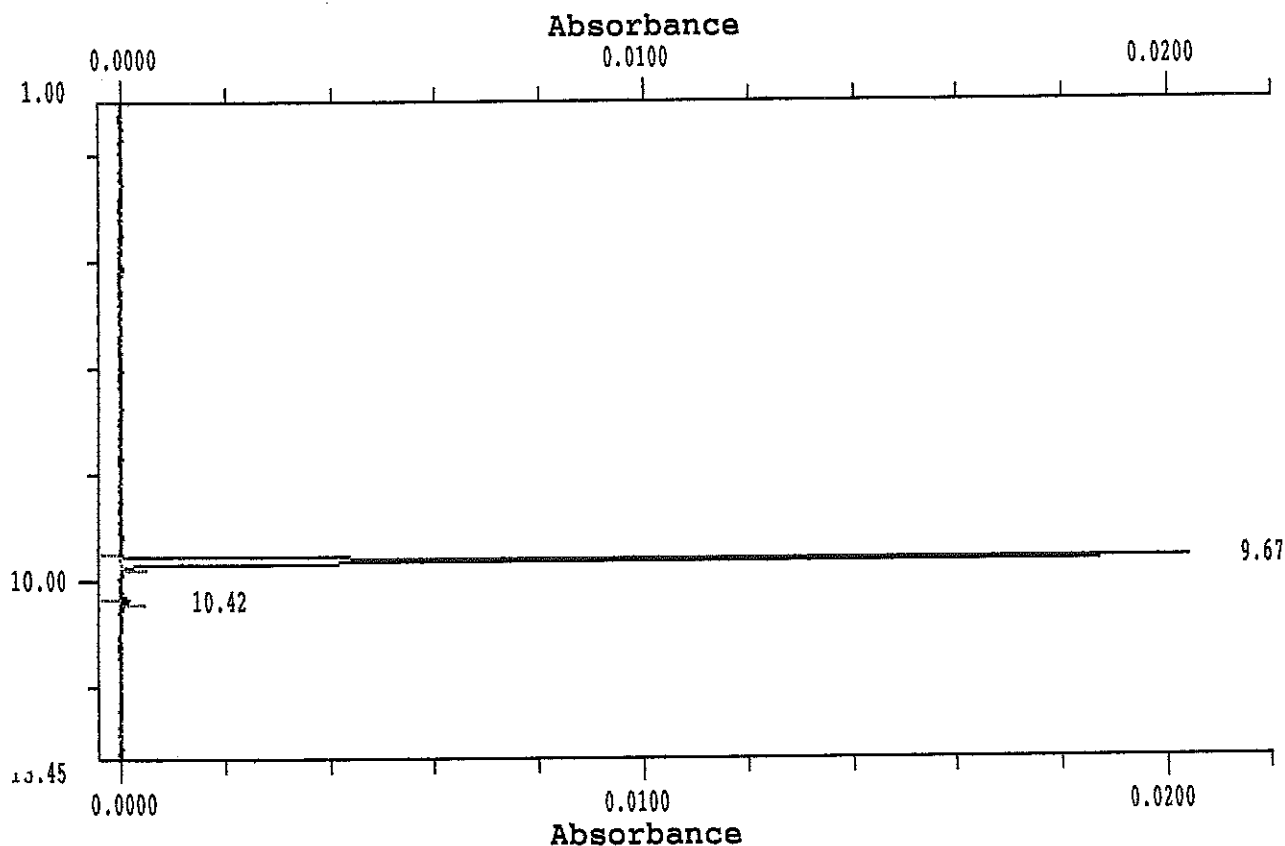
NAME TABLE TESTMIX C:\GOLD\SAMPLTBL\
 NAME 2: SYSTEM2

Analyst C. Miller
 Comments 0.1 M sodium phosphate-pH 2.5
 15% MeCN
 30 sec. inj
 406-028-15 4
 15 kV

Type	Sample Name	Sample Amount	Int Std Amount	Scale Factor	Nr. Inj	Sample Injection..... V/P	Sec	Value	In	Out
Unk	C8594			1.00000	1 / 1	PRES	3.0		13	10 (from File)

Peak Number	Retention Time	Peak Area	Peak Height	Area Percent	Height Percent
1	9.674	1.43942	0.02040	99.326	99.332
Q 2	10.417	0.00976	0.00014	0.674	0.668
TOTALS		1.44918	0.02053	100.000	100.000

Average Efficiency: 0



COLLECTION DATA C8605 A 1 1 Orig C:\GOLD\SYS2DATA\
 METHOD STANDARD C:\GOLD\SYS1METH\

INJECTION 12:01:48 14 NOV 2006
 ANALYSIS 12:18:24 14 NOV 2006
 REPORT 12:19:29 14 NOV 2006

TABLE TESTMIX C:\GOLD\SAMPLTBL\
 SYSTEM 2: SYSTEM2

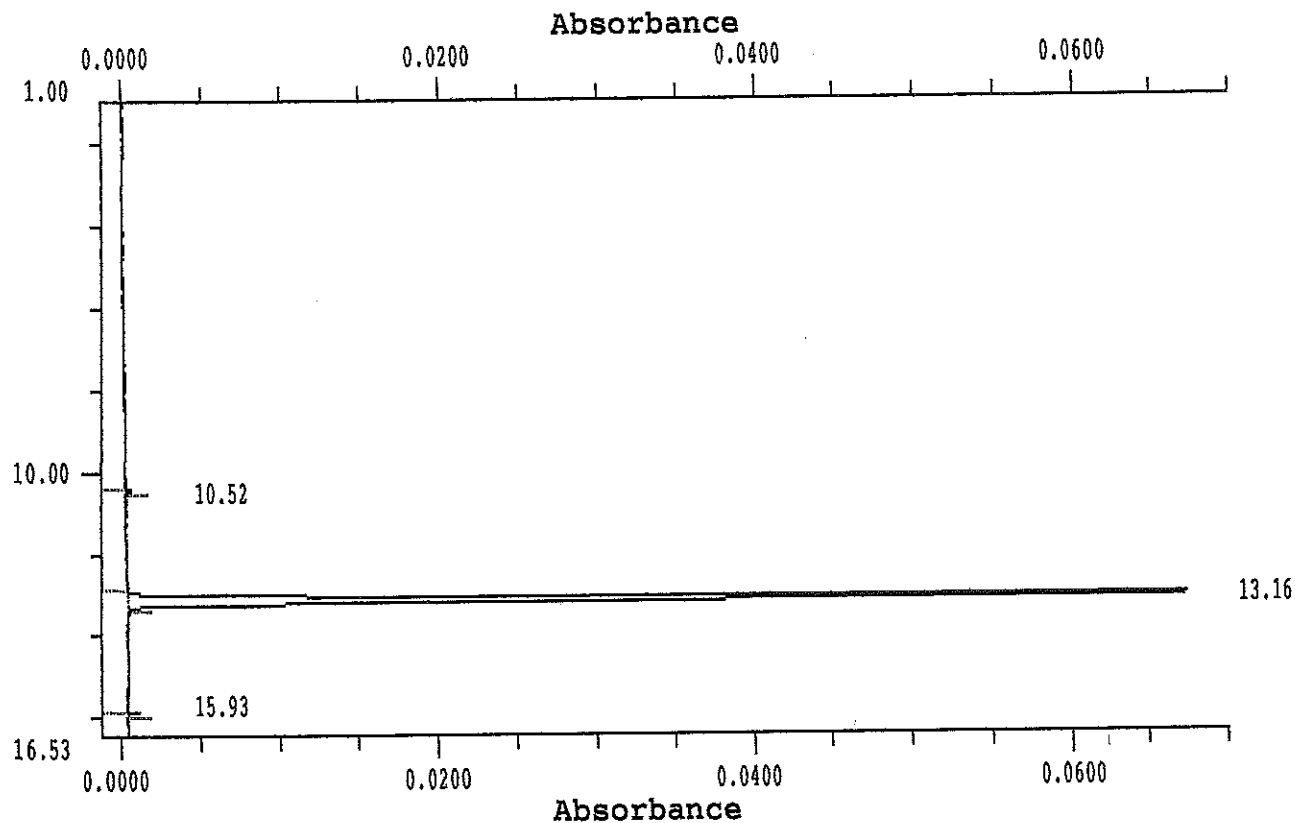
Analyst C. Miller
 Comments 0.1 M sodium phosphate-pH 2.5
 15% MeCN
 10 sec. inj
 406-032-20 5
 15 kV

Type	Sample Name	Sample Amount	Int Std Amount	Scale Factor	Nr. Inj	Sample Injection.....	V/P	Sec	Value	In	Out
Unk	C8605			1.00000	1 / 1	PRES	10.0			13	10 (from File)

Peak Number	Retention Time	Peak Area	Peak Height	Area Percent	Height Percent
Q 1	10.520	0.02730	0.00035	0.325	0.513
2	13.163	8.35553	0.06696	99.516	98.428
3	15.926	0.01331	0.00072	0.159	1.059
=====					
TOTALS		8.39614	0.06803	100.000	100.000

spilce

Age Efficiency: 0



NAME CHAN LEV REP TYPE DIRECTORY
 COLLECTION DATA C8526 A 1 1 Orig C:\GOLD\SYS2DATA\
 METHOD STANDARD C:\GOLD\SYS1METH\

TIME DATE
 INJECTION 08:41:39 12 SEP 2006
 ANALYSIS 09:00:33 12 SEP 2006
 REPORT 09:12:38 12 SEP 2006

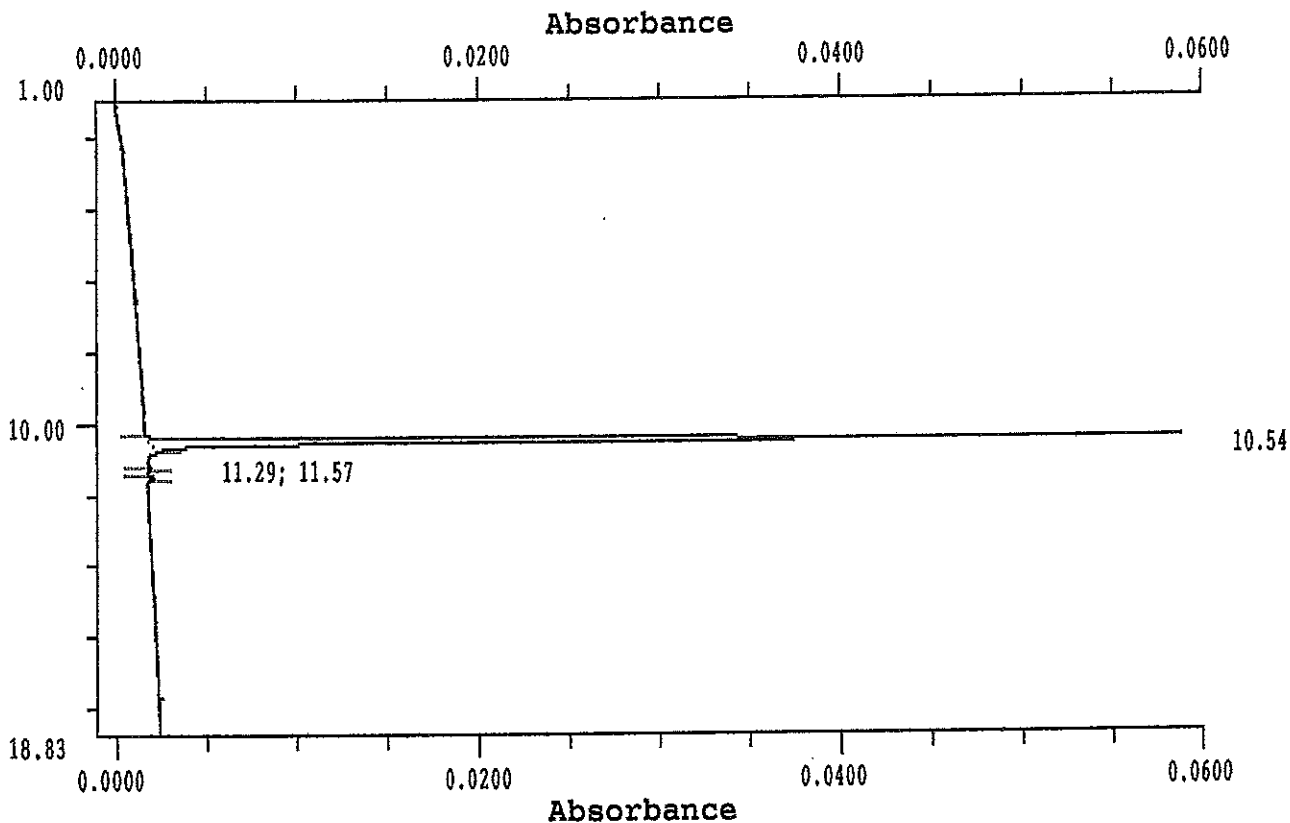
TABLE TESTMIX C:\GOLD\SAMPLTBL\
 SYSTEM 2: SYSTEM2

Analyst C. Miller
 Comments 0.1 M sodium phosphate-pH 2.5
 15% MeCN
 10 sec. inj
 406-015-15 6
 15 kV

Type	Sample Name	Sample Amount	Int Std Amount	Scale Factor	Nr. Inj	Sample V/P	Injection Sec	Value	In	Out
Unk	C8526			1.00000	1 / 1	PRES	10.0		13	10 (from File)

Peak Number	Retention Time	Peak Area	Peak Height	Area Percent	Height Percent
1	10.536	5.79868	0.05702	99.235	99.084
2	11.290	0.01963	0.00022	0.336	0.380
3	11.573	0.02506	0.00031	0.429	0.536
TOTALS		5.84336	0.05755	100.000	100.000

Average Efficiency: 0



COLLECTION DATA C8346 A 1 1 Orig C:\GOLD\SYSDATA\SEP2004\AUG2005\
 METHOD STANDARD C:\GOLD\SYSTEMETH\

INJECTION 09:54:30 27 APR 2006
 ANALYSIS 10:19:44 27 APR 2006
 REPORT 10:28:49 27 APR 2006

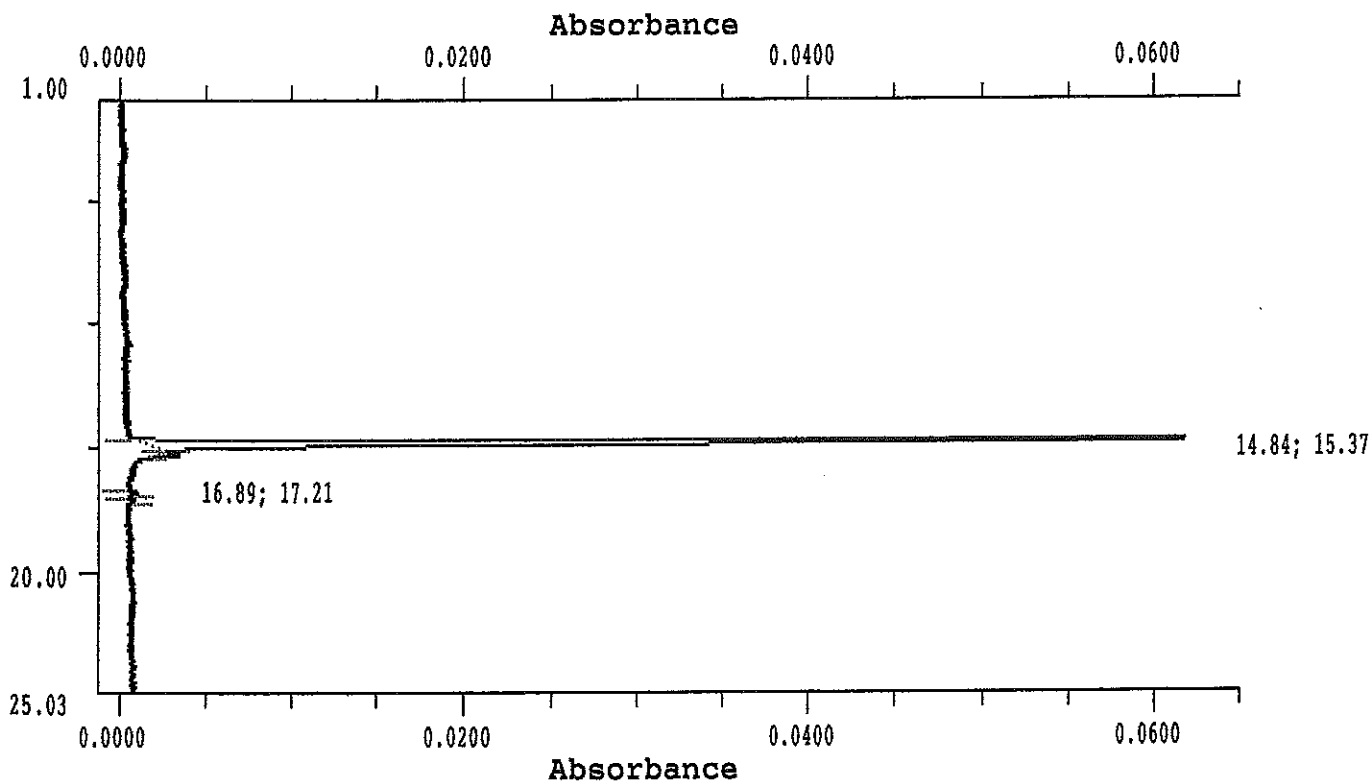
S : TABLE S1980505 C:\GOLD\SAMPLTBL\
 SYSTEM 1: SYSTEM1

Analyst C. Miller
 Comments 0.1 M sodium phosphate-pH 2.5
 15% MeCN
 10 sec. inj
 363-270-15 28
 15 kV

Type	Sample Name	Sample Amount	Int Std Amount	Scale Factor	Nr. Inj	Sample Injection..... V/P	Sec	Value	In	Out
Unk	C8346			1.00000	1 / 1	PRES	10.0		13	10 (from File)

Peak Number	Retention Time	Peak Area	Peak Height	Area Percent	Height Percent
1	14.844	10.98781	0.06063	97.824	97.083
Q 2	15.373	0.17119	0.00131	1.524	2.101
Q 3	16.890	0.05304	0.00032	0.472	0.507
Q 4	17.213	0.02023	0.00019	0.180	0.309
TOTALS		11.23227	0.06245	100.000	100.000

Average Efficiency: 0



NAME CHAN LEV REP TYPE DIRECTORY
 COLLECTION DATA C8525 A 1 1 Orig C:\GOLD\SYS2DATA\
 METHOD STANDARD C:\GOLD\SYS1METH\

TIME DATE
 INJECTION 11:11:10 8 SEP 2006
 ANALYSIS 11:29:19 8 SEP 2006
 REPORT 11:31:36 8 SEP 2006

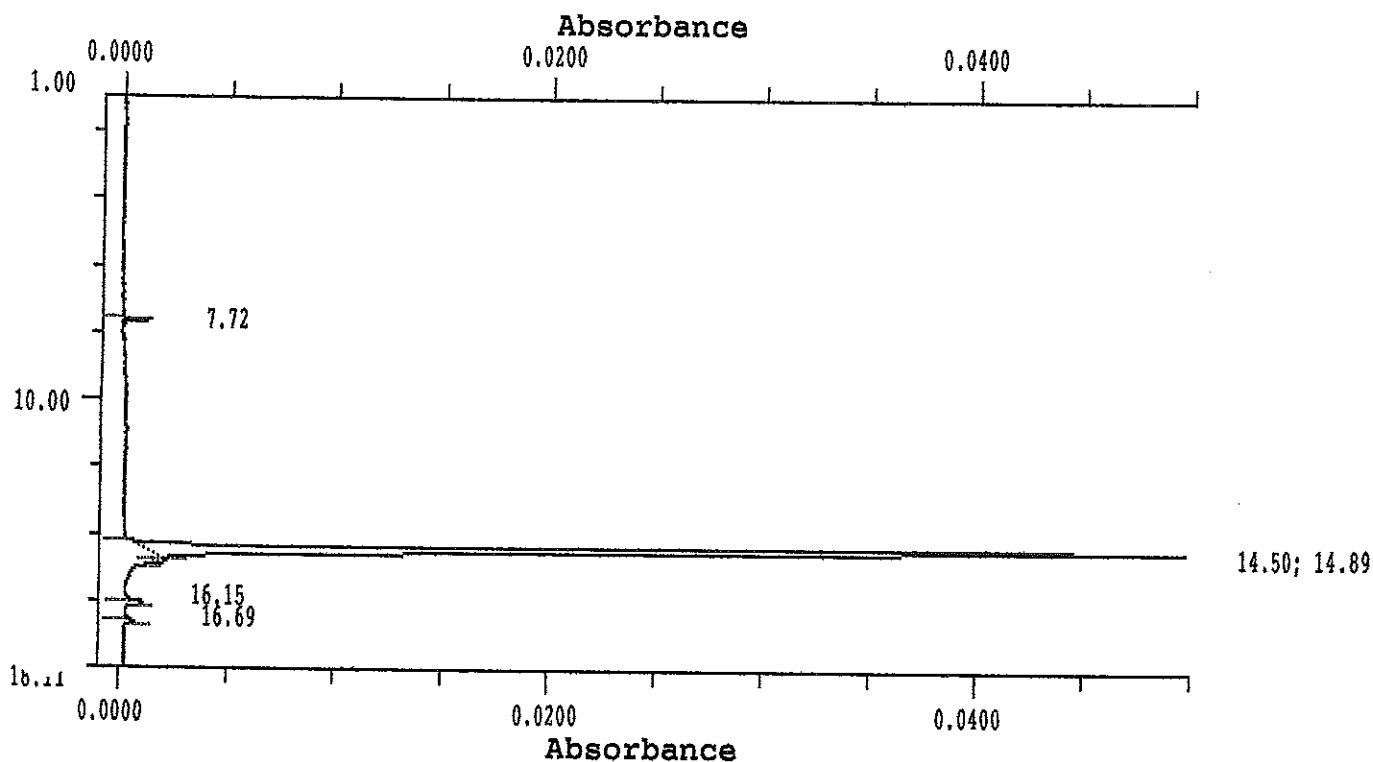
SAMPLE TABLE TESTMIX C:\GOLD\SAMPLTBL\
 SYSTEM2

Analyst C. Miller
 Comments 0.1 M sodium phosphate-pH 2.5
 15% MeCN
 10 sec. inj
 406-012-15, 29
 15 kV

Type	Sample Name	Sample Amount	Int Std Amount	Scale Factor	Nr. Inj	Sample Injection..... V/P	Sec	Value In	Out
Unk	C8525			1.00000	1 / 1	PRES	10.0	13	10 (from File)

Peak Number	Retention Time	Peak Area	Peak Height	Area Percent	Height Percent
1	7.724	0.08532	0.00137	1.102	2.672
2	14.496	7.47479	0.04873	96.549	95.175
Q 3	14.887	0.06557	0.00031	0.847	0.615
Q 4	16.153	0.08599	0.00063	1.111	1.237
Q 5	16.693	0.03029	0.00015	0.391	0.301
=====					
TOTAL	7.74197	0.05120	100.000	100.000	

Average Efficiency: 0



NAME CHAN LEV REP TYPE DIRECTORY
 COLLECTION DATA C8849 A 1 1 Orig C:\GOLD\SYS2DATA\
 METHOD STANDARD C:\GOLD\SYS1METH\

TIME DATE
 INJECTION 12:03:19 15 JUN 2007
 ANALYSIS 12:53:21 15 JUN 2007
 REPORT 13:24:01 15 JUN 2007

FILE TABLE TESTMIX C:\GOLD\SAMPLTBL\
 SYSTEM 2: SYSTEM2

Analyst C MILLER
 Comments 0.1 M sodium phosphate-pH 2.5
 15% MeCN
 5 SEC. INJ
 406-094-15 30
 15 kV

Type	Sample Name	Sample Amount	Int Std Amount	Scale Factor	Nr. Inj	Sample V/P	Injection Sec	Value In	Value Out
Unk	C8849			1.00000	1 / 1	PRES	10.0	13	10 (from File)

Peak Number	Retention Time	Peak Area	Peak Height	Area Percent	Height Percent
Q 1	11.143	0.03887	0.00037	0.758	0.942
2	14.090	5.08760	0.03901	99.242	99.058
TOTALS		5.12647	0.03938	100.000	100.000

97%

Average Efficiency: 0

