

Sample Name:  $\beta$ -Casomorphin, human  
 Cat No. : RP11056  
 Lot No. : E4794919I  
 Time Processed: 9:16:50 AM  
 Month-Day-Year Processed :09/20/2019

Pump A : 0.065% trifluoroacetic in 100% water (v/v)  
 Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)  
 Total Flow: 1 ml/min  
 Wavelength: 220 nm  
 <<LC Time Program>>

Time	Module	Command	Value
0.01	Pumps	Solvent B Conc.	5
25.00	Pumps	Solvent B Conc.	65
25.01	Pumps	Solvent B Conc.	95
27.00	Pumps	Solvent B Conc.	95
27.01	Pumps	Solvent B Conc.	5
33.00	Pumps	Solvent B Conc.	5
33.00	Controller	Stop	

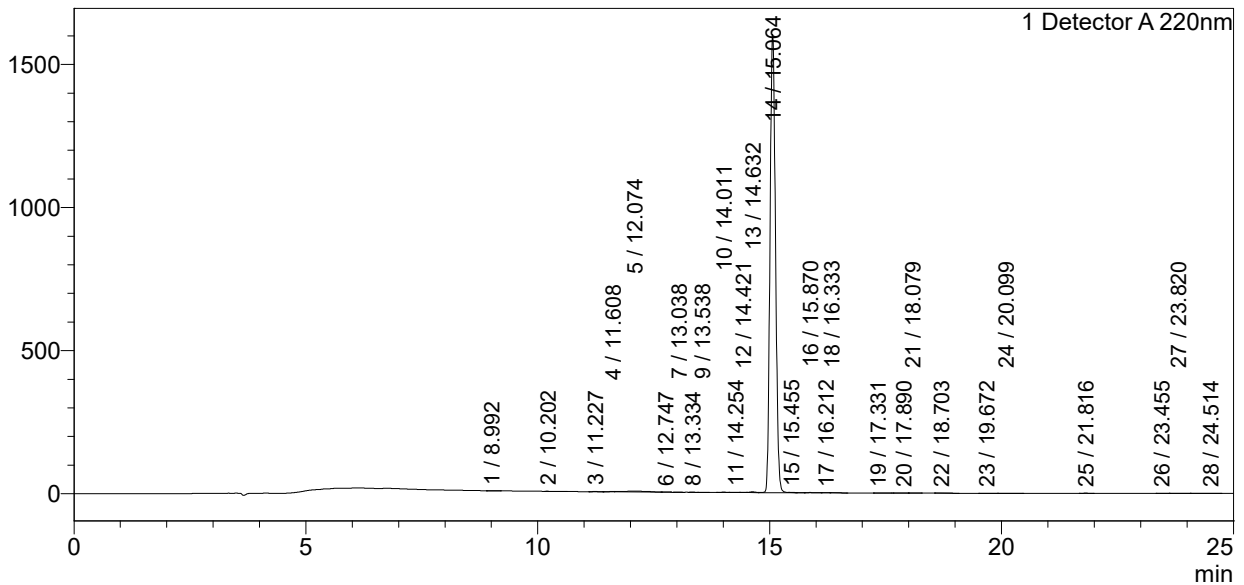
<<Column Performance>>

<Detector A>

Column : Alltima™ C18 4.6 x 250 mm  
 Equipment: ZJ19010325

### <Chromatogram>

mV



### <Peak Table>

Detector A 220nm

Peak#	Ret. Time	Area	Height	Area%
1	8.992	2326	255	0.017
2	10.202	3108	231	0.023
3	11.227	7427	462	0.056
4	11.608	10669	858	0.080
5	12.074	105913	2856	0.795
6	12.747	1939	338	0.015
7	13.038	3864	653	0.029
8	13.334	4368	812	0.033
9	13.538	2258	348	0.017
10	14.011	8634	1436	0.065
11	14.254	7740	904	0.058
12	14.421	7201	875	0.054
13	14.632	25187	2723	0.189
14	15.064	13094902	1602058	98.315

Peak#	Ret. Time	Area	Height	Area%
15	15.455	2167	378	0.016
16	15.870	6040	815	0.045
17	16.212	1973	260	0.015
18	16.333	2946	244	0.022
19	17.331	1793	135	0.013
20	17.890	2443	206	0.018
21	18.079	1676	210	0.013
22	18.703	2037	116	0.015
23	19.672	1048	98	0.008
24	20.099	2154	104	0.016
25	21.816	6005	883	0.045
26	23.455	1115	113	0.008
27	23.820	1099	78	0.008
28	24.514	1298	64	0.010
Total		13319330	1618514	100.000