

rteres

Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE030318\
 Data File : FE026399.D
 Signal(s) : FID1B.CH
 Acq On : 03 Mar 2018 15:09
 Sample : J1786-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE022618.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.422	2.401	2.511	BH	205411	1453062	16.03%	0.209%
2	2.515	2.511	2.546	HH	596	9355	0.10%	0.001%
3	2.555	2.546	2.563	HH	574	4766	0.05%	0.001%
4	2.568	2.563	2.573	HH	553	2601	0.03%	0.000%
5	2.576	2.573	2.579	HH	579	1740	0.02%	0.000%
6	2.584	2.579	2.595	HH	634	4034	0.04%	0.001%
7	2.603	2.595	2.608	HH	412	2893	0.03%	0.000%
8	2.616	2.608	2.631	HH	468	5106	0.06%	0.001%
9	2.641	2.631	2.646	HH	642	4330	0.05%	0.001%
10	2.658	2.646	2.674	HH	1444	18947	0.21%	0.003%
11	2.678	2.674	2.701	HH	1116	12909	0.14%	0.002%
12	2.706	2.701	2.719	HH	668	5642	0.06%	0.001%
13	2.737	2.719	2.752	HH	680	10894	0.12%	0.002%
14	2.765	2.752	2.771	HH	627	5732	0.06%	0.001%
15	2.779	2.771	2.788	HH	602	5082	0.06%	0.001%
16	2.794	2.788	2.797	HH	481	2437	0.03%	0.000%
17	2.802	2.797	2.813	HH	566	4395	0.05%	0.001%
18	2.823	2.813	2.844	HH	611	9215	0.10%	0.001%
19	2.858	2.844	2.867	HH	734	7157	0.08%	0.001%
20	2.870	2.867	2.901	HH	681	11822	0.13%	0.002%
21	2.926	2.901	2.944	HH	724	14467	0.16%	0.002%
22	2.958	2.944	2.967	HH	766	8255	0.09%	0.001%
23	2.987	2.967	3.003	HH	736	13432	0.15%	0.002%
24	3.008	3.003	3.015	HH	717	5136	0.06%	0.001%
25	3.018	3.015	3.023	HH	743	3412	0.04%	0.000%
26	3.028	3.023	3.038	HH	692	5517	0.06%	0.001%
27	3.056	3.038	3.064	HH	894	12057	0.13%	0.002%
28	3.096	3.064	3.100	HH	1066	19667	0.22%	0.003%
29	3.104	3.100	3.112	HH	1018	6335	0.07%	0.001%
30	3.115	3.112	3.125	HH	984	7259	0.08%	0.001%
31	3.134	3.125	3.140	HH	1025	7881	0.09%	0.001%
32	3.146	3.140	3.161	HH	880	10222	0.11%	0.001%
33	3.168	3.161	3.175	HH	1030	7510	0.08%	0.001%
34	3.179	3.175	3.183	HH	890	3760	0.04%	0.001%
35	3.187	3.183	3.210	HH	954	14048	0.15%	0.002%
36	3.223	3.210	3.229	HH	994	10731	0.12%	0.002%

					rteres			
37	3.238	3.229	3.248	HH	1120	10590	0.12%	0.002%
38	3.260	3.248	3.271	HH	1022	12447	0.14%	0.002%
39	3.276	3.271	3.287	HH	1060	8866	0.10%	0.001%
40	3.293	3.287	3.306	HH	997	10942	0.12%	0.002%
41	3.341	3.306	3.355	HH	1067	28444	0.31%	0.004%
42	3.359	3.355	3.382	HH	1039	15337	0.17%	0.002%
43	3.388	3.382	3.397	HH	1086	9148	0.10%	0.001%
44	3.423	3.397	3.431	HH	1259	23004	0.25%	0.003%
45	3.444	3.431	3.447	HH	1229	11293	0.12%	0.002%
46	3.451	3.447	3.468	HH	1242	14688	0.16%	0.002%
47	3.481	3.468	3.486	HH	1333	13400	0.15%	0.002%
48	3.498	3.486	3.513	HH	1283	19869	0.22%	0.003%
49	3.546	3.513	3.551	HH	1343	27513	0.30%	0.004%
50	3.555	3.551	3.560	HH	1320	6297	0.07%	0.001%
51	3.572	3.560	3.578	HH	1450	14623	0.16%	0.002%
52	3.584	3.578	3.591	HH	1348	9695	0.11%	0.001%
53	3.595	3.591	3.600	HH	1294	6981	0.08%	0.001%
54	3.609	3.600	3.615	HH	1382	11868	0.13%	0.002%
55	3.622	3.615	3.628	HH	1345	9649	0.11%	0.001%
56	3.639	3.628	3.643	HH	1433	12284	0.14%	0.002%
57	3.661	3.643	3.670	HH	1487	22640	0.25%	0.003%
58	3.679	3.670	3.692	HH	1631	18579	0.20%	0.003%
59	3.710	3.692	3.715	HH	1447	19678	0.22%	0.003%
60	3.731	3.715	3.735	HH	1586	17595	0.19%	0.003%
61	3.739	3.735	3.748	HH	1595	11193	0.12%	0.002%
62	3.752	3.748	3.757	HH	1551	8082	0.09%	0.001%
63	3.761	3.757	3.765	HH	1573	7629	0.08%	0.001%
64	3.771	3.765	3.793	HH	1619	24914	0.27%	0.004%
65	3.799	3.793	3.812	HH	1657	17717	0.20%	0.003%
66	3.838	3.812	3.845	HH	1620	30138	0.33%	0.004%
67	3.850	3.845	3.857	HH	1811	11590	0.13%	0.002%
68	3.861	3.857	3.874	HH	1728	16979	0.19%	0.002%
69	3.879	3.874	3.887	HH	1722	12896	0.14%	0.002%
70	3.891	3.887	3.902	HH	1693	14871	0.16%	0.002%
71	3.911	3.902	3.916	HH	1726	13500	0.15%	0.002%
72	3.925	3.916	3.937	HH	1811	21360	0.24%	0.003%
73	3.945	3.937	3.956	HH	1786	18906	0.21%	0.003%
74	3.963	3.956	3.971	HH	1758	14557	0.16%	0.002%
75	3.982	3.971	3.990	HH	1874	20084	0.22%	0.003%
76	3.993	3.990	4.012	HH	1856	23570	0.26%	0.003%
77	4.030	4.012	4.036	HH	1933	25552	0.28%	0.004%
78	4.050	4.036	4.063	HH	1911	29195	0.32%	0.004%
79	4.069	4.063	4.084	HH	1934	22297	0.25%	0.003%
80	4.097	4.084	4.105	HH	1942	22423	0.25%	0.003%
81	4.112	4.105	4.117	HH	1926	13546	0.15%	0.002%
82	4.121	4.117	4.134	HH	1996	19565	0.22%	0.003%
83	4.142	4.134	4.147	HH	2070	15340	0.17%	0.002%
84	4.165	4.147	4.185	HH	2417	48583	0.54%	0.007%
85	4.193	4.185	4.206	HH	2133	24293	0.27%	0.003%
86	4.212	4.206	4.219	HH	2033	15731	0.17%	0.002%
87	4.232	4.219	4.256	HH	2019	43026	0.47%	0.006%
88	4.271	4.256	4.278	HH	2108	26553	0.29%	0.004%
89	4.282	4.278	4.287	HH	2144	10111	0.11%	0.001%

					rteres			
90	4.296	4.287	4.304	HH	2182	21951	0.24%	0.003%
91	4.308	4.304	4.318	HH	2192	16444	0.18%	0.002%
92	4.327	4.318	4.333	HH	2099	18431	0.20%	0.003%
93	4.347	4.333	4.351	HH	2329	24648	0.27%	0.004%
94	4.372	4.351	4.381	HH	2372	40068	0.44%	0.006%
95	4.395	4.381	4.405	HH	2343	32880	0.36%	0.005%
96	4.417	4.405	4.423	HH	2433	25094	0.28%	0.004%
97	4.464	4.423	4.546	HH	296738	2611735	28.80%	0.375%
98	4.558	4.546	4.576	HH	3129	53614	0.59%	0.008%
99	4.580	4.576	4.591	HH	2904	25861	0.29%	0.004%
100	4.600	4.591	4.620	HH	2925	48427	0.53%	0.007%
101	4.626	4.620	4.638	HH	2748	29601	0.33%	0.004%
102	4.645	4.638	4.650	HH	2811	18673	0.21%	0.003%
103	4.655	4.650	4.661	HH	2898	19157	0.21%	0.003%
104	4.668	4.661	4.675	HH	2851	24264	0.27%	0.003%
105	4.682	4.675	4.689	HH	2889	22831	0.25%	0.003%
106	4.693	4.689	4.697	HH	2709	12969	0.14%	0.002%
107	4.702	4.697	4.708	HH	2712	17140	0.19%	0.002%
108	4.717	4.708	4.740	HH	2770	51697	0.57%	0.007%
109	4.747	4.740	4.751	HH	2766	17822	0.20%	0.003%
110	4.754	4.751	4.760	HH	2711	14713	0.16%	0.002%
111	4.775	4.760	4.779	HH	2772	29255	0.32%	0.004%
112	4.783	4.779	4.790	HH	2813	18372	0.20%	0.003%
113	4.796	4.790	4.810	HH	2860	32725	0.36%	0.005%
114	4.815	4.810	4.823	HH	2745	21599	0.24%	0.003%
115	4.842	4.823	4.853	HH	2776	48342	0.53%	0.007%
116	4.865	4.853	4.870	HH	2817	28167	0.31%	0.004%
117	4.876	4.870	4.880	HH	2868	16825	0.19%	0.002%
118	4.883	4.880	4.888	HH	2807	11662	0.13%	0.002%
119	4.892	4.888	4.895	HH	2746	12371	0.14%	0.002%
120	4.899	4.895	4.903	HH	2749	12555	0.14%	0.002%
121	4.909	4.903	4.913	HH	2712	15263	0.17%	0.002%
122	4.917	4.913	4.927	HH	2794	23652	0.26%	0.003%
123	4.950	4.927	4.957	HH	2821	48727	0.54%	0.007%
124	4.966	4.957	4.970	HH	2927	22915	0.25%	0.003%
125	4.975	4.970	4.978	HH	2973	13625	0.15%	0.002%
126	4.985	4.978	4.996	HH	2950	29888	0.33%	0.004%
127	5.001	4.996	5.010	HH	2993	24504	0.27%	0.004%
128	5.016	5.010	5.023	HH	2988	22248	0.25%	0.003%
129	5.029	5.023	5.035	HH	2927	21610	0.24%	0.003%
130	5.038	5.035	5.044	HH	2930	15687	0.17%	0.002%
131	5.061	5.044	5.066	HH	2939	37229	0.41%	0.005%
132	5.073	5.066	5.097	HH	3153	55936	0.62%	0.008%
133	5.100	5.097	5.118	HH	3061	38481	0.42%	0.006%
134	5.123	5.118	5.127	HH	2899	15437	0.17%	0.002%
135	5.144	5.127	5.154	HH	3050	47873	0.53%	0.007%
136	5.160	5.154	5.170	HH	3062	28355	0.31%	0.004%
137	5.185	5.170	5.189	HH	3045	34243	0.38%	0.005%
138	5.203	5.189	5.217	HH	3101	50026	0.55%	0.007%
139	5.227	5.217	5.238	HH	3181	37651	0.42%	0.005%
140	5.252	5.238	5.260	HH	3145	40900	0.45%	0.006%
141	5.287	5.260	5.297	HH	3225	70310	0.78%	0.010%

					rteres			
142	5.304	5.297	5.311	HH	3250	26506	0.29%	0.004%
143	5.319	5.311	5.323	HH	3339	23604	0.26%	0.003%
144	5.334	5.323	5.351	HH	3403	54074	0.60%	0.008%
145	5.361	5.351	5.368	HH	3348	34394	0.38%	0.005%
146	5.393	5.368	5.399	HH	3562	62467	0.69%	0.009%
147	5.403	5.399	5.408	HH	3455	18496	0.20%	0.003%
148	5.414	5.408	5.421	HH	3596	26057	0.29%	0.004%
149	5.426	5.421	5.432	HH	3430	23638	0.26%	0.003%
150	5.445	5.432	5.450	HH	3480	35890	0.40%	0.005%
151	5.459	5.450	5.464	HH	3504	29040	0.32%	0.004%
152	5.469	5.464	5.486	HH	3533	44625	0.49%	0.006%
153	5.500	5.486	5.523	HH	4481	86485	0.95%	0.012%
154	5.526	5.523	5.540	HH	3864	38251	0.42%	0.005%
155	5.543	5.540	5.554	HH	3634	29684	0.33%	0.004%
156	5.571	5.554	5.583	HH	3588	58783	0.65%	0.008%
157	5.587	5.583	5.595	HH	3487	25573	0.28%	0.004%
158	5.621	5.595	5.627	HH	3595	66010	0.73%	0.009%
159	5.636	5.627	5.652	HH	3757	54221	0.60%	0.008%
160	5.659	5.652	5.671	HH	3723	41319	0.46%	0.006%
161	5.677	5.671	5.690	HH	3604	41763	0.46%	0.006%
162	5.699	5.690	5.709	HH	3596	39164	0.43%	0.006%
163	5.727	5.709	5.733	HH	3655	51887	0.57%	0.007%
164	5.737	5.733	5.743	HH	3665	22905	0.25%	0.003%
165	5.753	5.743	5.763	HH	3639	41298	0.46%	0.006%
166	5.783	5.763	5.788	HH	3823	54808	0.60%	0.008%
167	5.791	5.788	5.804	HH	3785	36042	0.40%	0.005%
168	5.824	5.804	5.829	HH	3758	55314	0.61%	0.008%
169	5.835	5.829	5.839	HH	3664	21742	0.24%	0.003%
170	5.854	5.839	5.858	HH	3866	42235	0.47%	0.006%
171	5.863	5.858	5.870	HH	3856	27387	0.30%	0.004%
172	5.880	5.870	5.884	HH	3823	32012	0.35%	0.005%
173	5.893	5.884	5.916	HH	3894	71217	0.79%	0.010%
174	5.925	5.916	5.937	HH	3761	47362	0.52%	0.007%
175	5.943	5.937	5.953	HH	3779	35720	0.39%	0.005%
176	5.959	5.953	5.962	HH	3863	20484	0.23%	0.003%
177	5.969	5.962	5.987	HH	3951	55903	0.62%	0.008%
178	5.992	5.987	5.997	HH	3832	23050	0.25%	0.003%
179	6.003	5.997	6.008	HH	3977	25030	0.28%	0.004%
180	6.020	6.008	6.030	HH	3956	52566	0.58%	0.008%
181	6.058	6.030	6.063	HH	4197	79026	0.87%	0.011%
182	6.066	6.063	6.082	HH	4216	46481	0.51%	0.007%
183	6.094	6.082	6.103	HH	4250	51006	0.56%	0.007%
184	6.107	6.103	6.111	HH	4216	20567	0.23%	0.003%
185	6.130	6.111	6.135	HH	4418	60218	0.66%	0.009%
186	6.142	6.135	6.151	HH	4480	41843	0.46%	0.006%
187	6.162	6.151	6.171	HH	4446	53587	0.59%	0.008%
188	6.192	6.171	6.230	HH	6327	169787	1.87%	0.024%
189	6.234	6.230	6.246	HH	4297	40291	0.44%	0.006%
190	6.256	6.246	6.267	HH	4294	53172	0.59%	0.008%
191	6.277	6.267	6.281	HH	4393	36142	0.40%	0.005%
192	6.288	6.281	6.301	HH	4392	51581	0.57%	0.007%
193	6.306	6.301	6.313	HH	4386	32382	0.36%	0.005%
194	6.320	6.313	6.333	HH	4472	52014	0.57%	0.007%

					rteres			
195	6.338	6.333	6.347	HH	4345	34385	0.38%	0.005%
196	6.372	6.347	6.378	HH	4591	83801	0.92%	0.012%
197	6.385	6.378	6.414	HH	4692	96269	1.06%	0.014%
198	6.417	6.414	6.434	HH	4555	53175	0.59%	0.008%
199	6.439	6.434	6.444	HH	4576	28682	0.32%	0.004%
200	6.476	6.444	6.602	HH	326288	3232998	35.66%	0.464%
201	6.622	6.602	6.651	HH	5006	140777	1.55%	0.020%
202	6.656	6.651	6.665	HH	4832	39743	0.44%	0.006%
203	6.669	6.665	6.687	HH	4899	61966	0.68%	0.009%
204	6.706	6.687	6.724	HH	4899	106799	1.18%	0.015%
205	6.732	6.724	6.741	HH	4853	47596	0.52%	0.007%
206	6.750	6.741	6.765	HH	4869	69099	0.76%	0.010%
207	6.770	6.765	6.775	HH	4856	28801	0.32%	0.004%
208	6.782	6.775	6.787	HH	4863	33966	0.37%	0.005%
209	6.791	6.787	6.798	HH	4876	31616	0.35%	0.005%
210	6.806	6.798	6.817	HH	4885	55980	0.62%	0.008%
211	6.821	6.817	6.833	HH	4946	48810	0.54%	0.007%
212	6.840	6.833	6.844	HH	4912	31173	0.34%	0.004%
213	6.848	6.844	6.861	HH	4946	50458	0.56%	0.007%
214	6.876	6.861	6.881	HH	4874	56166	0.62%	0.008%
215	6.885	6.881	6.889	HH	4914	24752	0.27%	0.004%
216	6.897	6.889	6.922	HH	4949	97699	1.08%	0.014%
217	6.938	6.922	6.944	HH	5048	64420	0.71%	0.009%
218	6.949	6.944	6.963	HH	5072	55658	0.61%	0.008%
219	6.978	6.963	6.987	HH	5176	74789	0.82%	0.011%
220	6.994	6.987	7.000	HH	5174	40036	0.44%	0.006%
221	7.004	7.000	7.021	HH	5134	61772	0.68%	0.009%
222	7.031	7.021	7.038	HH	5281	54002	0.60%	0.008%
223	7.046	7.038	7.055	HH	5266	52220	0.58%	0.007%
224	7.073	7.055	7.085	HH	5324	91972	1.01%	0.013%
225	7.102	7.085	7.117	HH	5461	101307	1.12%	0.015%
226	7.136	7.117	7.145	HH	5335	89461	0.99%	0.013%
227	7.148	7.145	7.158	HH	5332	39422	0.43%	0.006%
228	7.178	7.158	7.205	HH	5954	157198	1.73%	0.023%
229	7.234	7.205	7.251	HH	5722	152776	1.68%	0.022%
230	7.258	7.251	7.264	HH	5566	44199	0.49%	0.006%
231	7.272	7.264	7.278	HH	5552	43993	0.49%	0.006%
232	7.317	7.278	7.326	HH	5873	163397	1.80%	0.023%
233	7.331	7.326	7.345	HH	5768	65026	0.72%	0.009%
234	7.352	7.345	7.377	HH	5856	109027	1.20%	0.016%
235	7.400	7.377	7.442	HH	6821	233129	2.57%	0.033%
236	7.448	7.442	7.453	HH	5642	35849	0.40%	0.005%
237	7.457	7.453	7.463	HH	5590	32894	0.36%	0.005%
238	7.466	7.463	7.474	HH	5588	38829	0.43%	0.006%
239	7.485	7.474	7.489	HH	5631	50212	0.55%	0.007%
240	7.498	7.489	7.508	HH	5709	61849	0.68%	0.009%
241	7.514	7.508	7.520	HH	5854	41021	0.45%	0.006%
242	7.524	7.520	7.538	HH	5786	61971	0.68%	0.009%
243	7.549	7.538	7.557	HH	5782	65747	0.73%	0.009%
244	7.570	7.557	7.582	HH	5913	87573	0.97%	0.013%
245	7.593	7.582	7.598	HH	5852	54932	0.61%	0.008%
246	7.603	7.598	7.620	HH	5861	77896	0.86%	0.011%

					rteres			
247	7.632	7.620	7.644	HH	5905	84743	0.93%	0.012%
248	7.652	7.644	7.661	HH	6034	58646	0.65%	0.008%
249	7.667	7.661	7.675	HH	5952	51139	0.56%	0.007%
250	7.688	7.675	7.701	HH	6232	93618	1.03%	0.013%
251	7.706	7.701	7.711	HH	6147	37419	0.41%	0.005%
252	7.717	7.711	7.722	HH	6250	39645	0.44%	0.006%
253	7.740	7.722	7.749	HH	6380	103078	1.14%	0.015%
254	7.753	7.749	7.760	HH	6431	40283	0.44%	0.006%
255	7.800	7.760	7.836	HH	7160	302570	3.34%	0.043%
256	7.853	7.836	7.866	HH	7230	125493	1.38%	0.018%
257	7.875	7.866	7.895	HH	7130	120307	1.33%	0.017%
258	7.918	7.895	7.948	HH	6878	209357	2.31%	0.030%
259	7.964	7.948	7.980	HH	7080	131999	1.46%	0.019%
260	8.019	7.980	8.045	HH	8426	272892	3.01%	0.039%
261	8.051	8.045	8.068	HH	6839	91064	1.00%	0.013%
262	8.085	8.068	8.109	HH	7891	179294	1.98%	0.026%
263	8.113	8.109	8.118	HH	6813	33778	0.37%	0.005%
264	8.139	8.118	8.151	HH	6939	138676	1.53%	0.020%
265	8.185	8.151	8.217	HH	7470	282282	3.11%	0.041%
266	8.268	8.217	8.335	HH	346199	3572357	39.40%	0.513%
267	8.355	8.335	8.423	HH	33888	800636	8.83%	0.115%
268	8.434	8.423	8.484	HH	9815	322250	3.55%	0.046%
269	8.511	8.484	8.528	HH	8225	217211	2.40%	0.031%
270	8.539	8.528	8.543	HH	7960	70184	0.77%	0.010%
271	8.555	8.543	8.582	HH	8088	183377	2.02%	0.026%
272	8.593	8.582	8.604	HH	8046	106671	1.18%	0.015%
273	8.625	8.604	8.634	HH	8377	145299	1.60%	0.021%
274	8.643	8.634	8.650	HH	8352	78476	0.87%	0.011%
275	8.655	8.650	8.661	HH	8358	53480	0.59%	0.008%
276	8.687	8.661	8.695	HH	9182	183010	2.02%	0.026%
277	8.712	8.695	8.743	HH	10787	274997	3.03%	0.039%
278	8.755	8.743	8.777	HH	9903	193842	2.14%	0.028%
279	8.799	8.777	8.821	HH	14259	280750	3.10%	0.040%
280	8.827	8.821	8.835	HH	8952	75183	0.83%	0.011%
281	8.853	8.835	8.871	HH	10393	203938	2.25%	0.029%
282	8.876	8.871	8.903	HH	8988	168051	1.85%	0.024%
283	8.922	8.903	8.933	HH	9041	158302	1.75%	0.023%
284	8.945	8.933	8.973	HH	9451	219119	2.42%	0.031%
285	8.981	8.973	8.987	HH	8787	72045	0.79%	0.010%
286	9.033	8.987	9.043	HH	9853	315311	3.48%	0.045%
287	9.048	9.043	9.065	HH	9643	124492	1.37%	0.018%
288	9.087	9.065	9.142	HH	30263	627934	6.93%	0.090%
289	9.170	9.142	9.189	HH	10523	278569	3.07%	0.040%
290	9.217	9.189	9.238	HH	9769	276625	3.05%	0.040%
291	9.243	9.238	9.249	HH	9407	64991	0.72%	0.009%
292	9.267	9.249	9.298	HH	11074	296078	3.27%	0.042%
293	9.321	9.298	9.334	HH	9913	207327	2.29%	0.030%
294	9.343	9.334	9.352	HH	9707	100920	1.11%	0.014%
295	9.367	9.352	9.375	HH	9866	135742	1.50%	0.019%
296	9.390	9.375	9.398	HH	9881	132777	1.46%	0.019%
297	9.413	9.398	9.424	HH	9942	155901	1.72%	0.022%
298	9.428	9.424	9.436	HH	9829	68276	0.75%	0.010%
299	9.460	9.436	9.490	HH	12786	363662	4.01%	0.052%

rteres								
300	9.505	9.490	9.518	HH	11894	184927	2.04%	0.027%
301	9.544	9.518	9.568	HH	12552	353436	3.90%	0.051%
302	9.590	9.568	9.606	HH	13647	269275	2.97%	0.039%
303	9.620	9.606	9.629	HH	11710	154711	1.71%	0.022%
304	9.644	9.629	9.673	HH	14235	308701	3.40%	0.044%
305	9.700	9.673	9.752	HH	19243	587486	6.48%	0.084%
306	9.786	9.752	9.799	HH	11191	305365	3.37%	0.044%
307	9.820	9.799	9.838	HH	12587	278803	3.07%	0.040%
308	9.866	9.838	9.912	HH	368447	3763325	41.50%	0.540%
309	9.930	9.912	9.938	HH	12275	187285	2.07%	0.027%
310	9.947	9.938	9.953	HH	12221	112460	1.24%	0.016%
311	9.965	9.953	9.978	HH	12523	186224	2.05%	0.027%
312	9.989	9.978	10.003	HH	11897	173631	1.91%	0.025%
313	10.008	10.003	10.027	HH	11535	161355	1.78%	0.023%
314	10.044	10.027	10.049	HH	11522	154283	1.70%	0.022%
315	10.082	10.049	10.122	HH	12381	523909	5.78%	0.075%
316	10.139	10.122	10.168	HH	12337	331550	3.66%	0.048%
317	10.208	10.168	10.220	HH	14526	398370	4.39%	0.057%
318	10.250	10.220	10.274	HH	19239	487325	5.37%	0.070%
319	10.300	10.274	10.319	HH	14200	354604	3.91%	0.051%
320	10.340	10.319	10.370	HH	15690	409586	4.52%	0.059%
321	10.394	10.370	10.417	HH	15340	381280	4.21%	0.055%
322	10.426	10.417	10.437	HH	12774	149355	1.65%	0.021%
323	10.448	10.437	10.453	HH	12742	125469	1.38%	0.018%
324	10.462	10.453	10.466	HH	12846	99717	1.10%	0.014%
325	10.496	10.466	10.508	HH	14062	337489	3.72%	0.048%
326	10.528	10.508	10.557	HH	14497	397274	4.38%	0.057%
327	10.575	10.557	10.581	HH	14981	207833	2.29%	0.030%
328	10.600	10.581	10.640	HH	40373	735950	8.12%	0.106%
329	10.670	10.640	10.701	HH	21622	614700	6.78%	0.088%
330	10.722	10.701	10.753	HH	15368	472098	5.21%	0.068%
331	10.767	10.753	10.788	HH	14137	284851	3.14%	0.041%
332	10.815	10.788	10.843	HH	14653	468955	5.17%	0.067%
333	10.858	10.843	10.873	HH	13956	249401	2.75%	0.036%
334	10.900	10.873	10.961	HH	37217	1157446	12.77%	0.166%
335	10.972	10.961	10.982	HH	16704	207942	2.29%	0.030%
336	11.000	10.982	11.038	HH	20351	620970	6.85%	0.089%
337	11.053	11.038	11.088	HH	18002	474966	5.24%	0.068%
338	11.105	11.088	11.142	HH	16790	500896	5.52%	0.072%
339	11.156	11.142	11.165	HH	14777	201427	2.22%	0.029%
340	11.171	11.165	11.190	HH	14867	219614	2.42%	0.032%
341	11.202	11.190	11.207	HH	14881	147530	1.63%	0.021%
342	11.210	11.207	11.217	HH	14851	88810	0.98%	0.013%
343	11.238	11.217	11.263	HH	15163	413890	4.56%	0.059%
344	11.306	11.263	11.362	HH	359934	4158186	45.86%	0.597%
345	11.389	11.362	11.413	HH	21685	554362	6.11%	0.080%
346	11.425	11.413	11.475	HH	16574	602688	6.65%	0.087%
347	11.498	11.475	11.519	HH	17499	435148	4.80%	0.062%
348	11.543	11.519	11.556	HH	16382	352199	3.88%	0.051%
349	11.595	11.556	11.616	HH	17688	600708	6.63%	0.086%
350	11.626	11.616	11.642	HH	16764	261666	2.89%	0.038%
351	11.656	11.642	11.677	HH	16745	336736	3.71%	0.048%

					rteres			
352	11.707	11.677	11.726	HH	22624	562204	6.20%	0.081%
353	11.748	11.726	11.774	HH	22079	577340	6.37%	0.083%
354	11.785	11.774	11.801	HH	18567	289337	3.19%	0.042%
355	11.826	11.801	11.844	HH	24028	535319	5.90%	0.077%
356	11.860	11.844	11.880	HH	21860	438398	4.83%	0.063%
357	11.896	11.880	11.931	HH	21684	611928	6.75%	0.088%
358	11.970	11.931	12.002	HH	35929	942645	10.40%	0.135%
359	12.032	12.002	12.050	HH	18701	522241	5.76%	0.075%
360	12.075	12.050	12.093	HH	18802	464254	5.12%	0.067%
361	12.122	12.093	12.144	HH	18323	555371	6.13%	0.080%
362	12.152	12.144	12.156	HH	17629	122030	1.35%	0.018%
363	12.182	12.156	12.219	HH	22353	760219	8.38%	0.109%
364	12.250	12.219	12.272	HH	21465	643236	7.09%	0.092%
365	12.276	12.272	12.285	HH	20320	156751	1.73%	0.022%
366	12.298	12.285	12.320	HH	21705	435397	4.80%	0.062%
367	12.332	12.320	12.338	HH	19756	215840	2.38%	0.031%
368	12.344	12.338	12.357	HH	19708	215839	2.38%	0.031%
369	12.379	12.357	12.411	HH	20947	647605	7.14%	0.093%
370	12.435	12.411	12.463	HH	21872	629708	6.94%	0.090%
371	12.473	12.463	12.485	HH	20038	263746	2.91%	0.038%
372	12.502	12.485	12.517	HH	21419	401293	4.43%	0.058%
373	12.530	12.517	12.565	HH	21298	588801	6.49%	0.085%
374	12.572	12.565	12.576	HH	20134	132190	1.46%	0.019%
375	12.614	12.576	12.655	HH	326477	4119886	45.44%	0.591%
376	12.668	12.655	12.695	HH	23674	542150	5.98%	0.078%
377	12.717	12.695	12.808	HH	133572	2908017	32.07%	0.417%
378	12.825	12.808	12.840	HH	21554	412778	4.55%	0.059%
379	12.876	12.840	12.900	HH	23328	799747	8.82%	0.115%
380	12.923	12.900	12.957	HH	23862	774497	8.54%	0.111%
381	12.977	12.957	12.991	HH	22419	448430	4.95%	0.064%
382	13.016	12.991	13.068	HH	130039	2422073	26.71%	0.348%
383	13.083	13.068	13.106	HH	32038	631031	6.96%	0.091%
384	13.122	13.106	13.194	HH	32726	1386017	15.29%	0.199%
385	13.220	13.194	13.261	HH	27980	987130	10.89%	0.142%
386	13.265	13.261	13.274	HH	23222	183757	2.03%	0.026%
387	13.323	13.274	13.341	HH	27685	993860	10.96%	0.143%
388	13.352	13.341	13.378	HH	25460	558040	6.15%	0.080%
389	13.385	13.378	13.404	HH	24076	363706	4.01%	0.052%
390	13.452	13.404	13.472	HH	26695	1021944	11.27%	0.147%
391	13.494	13.472	13.550	HH	30540	1246894	13.75%	0.179%
392	13.564	13.550	13.575	HH	24097	357279	3.94%	0.051%
393	13.601	13.575	13.619	HH	29220	713321	7.87%	0.102%
394	13.635	13.619	13.668	HH	32922	840102	9.27%	0.121%
395	13.679	13.668	13.718	HH	26376	778440	8.59%	0.112%
396	13.737	13.718	13.753	HH	27941	550490	6.07%	0.079%
397	13.776	13.753	13.783	HH	33076	543579	5.99%	0.078%
398	13.811	13.783	13.838	HH	320298	3791644	41.82%	0.544%
399	13.843	13.838	13.849	HH	27541	187031	2.06%	0.027%
400	13.869	13.849	13.887	HH	30258	659271	7.27%	0.095%
401	13.900	13.887	13.930	HH	32152	757188	8.35%	0.109%
402	13.952	13.930	13.997	HH	30490	1119432	12.35%	0.161%
403	14.022	13.997	14.038	HH	27595	657240	7.25%	0.094%
404	14.050	14.038	14.054	HH	26847	267485	2.95%	0.038%

rteres								
405	14.091	14.054	14.116	HH	28670	1023892	11.29%	0.147%
406	14.124	14.116	14.153	HH	27809	610414	6.73%	0.088%
407	14.174	14.153	14.191	HH	28810	640445	7.06%	0.092%
408	14.225	14.191	14.246	HH	28734	920976	10.16%	0.132%
409	14.263	14.246	14.267	HH	27834	360944	3.98%	0.052%
410	14.315	14.267	14.333	HH	32783	1194653	13.18%	0.171%
411	14.363	14.333	14.384	HH	32584	941929	10.39%	0.135%
412	14.421	14.384	14.448	HH	37318	1259211	13.89%	0.181%
413	14.461	14.448	14.516	HH	34516	1281753	14.14%	0.184%
414	14.529	14.516	14.536	HH	29741	347257	3.83%	0.050%
415	14.555	14.536	14.570	HH	35344	678430	7.48%	0.097%
416	14.588	14.570	14.598	HH	39957	623524	6.88%	0.089%
417	14.614	14.598	14.657	HH	41632	1284485	14.17%	0.184%
418	14.708	14.657	14.731	HH	258790	4037603	44.53%	0.580%
419	14.741	14.731	14.757	HH	38441	575368	6.35%	0.083%
420	14.762	14.757	14.785	HH	35969	585171	6.45%	0.084%
421	14.800	14.785	14.824	HH	35632	794680	8.76%	0.114%
422	14.839	14.824	14.857	HH	32169	628422	6.93%	0.090%
423	14.912	14.857	14.937	HH	388066	5268931	58.11%	0.756%
424	14.956	14.937	15.028	HH	91128	2804473	30.93%	0.403%
425	15.042	15.028	15.053	HH	35443	507902	5.60%	0.073%
426	15.081	15.053	15.107	HH	45043	1256081	13.85%	0.180%
427	15.122	15.107	15.147	HH	37250	881232	9.72%	0.126%
428	15.157	15.147	15.166	HH	35790	406073	4.48%	0.058%
429	15.173	15.166	15.189	HH	36316	478072	5.27%	0.069%
430	15.202	15.189	15.207	HH	35997	387523	4.27%	0.056%
431	15.236	15.207	15.259	HH	38959	1181086	13.03%	0.170%
432	15.287	15.259	15.297	HH	43840	932278	10.28%	0.134%
433	15.338	15.297	15.346	HH	65163	1652893	18.23%	0.237%
434	15.358	15.346	15.414	HH	65630	2413158	26.61%	0.346%
435	15.423	15.414	15.445	HH	53244	969578	10.69%	0.139%
436	15.452	15.445	15.473	HH	48745	783020	8.64%	0.112%
437	15.506	15.473	15.542	HH	46910	1776681	19.59%	0.255%
438	15.553	15.542	15.579	HH	41573	911146	10.05%	0.131%
439	15.602	15.579	15.630	HH	52446	1372621	15.14%	0.197%
440	15.646	15.630	15.682	HH	45162	1338884	14.77%	0.192%
441	15.705	15.682	15.722	HH	43355	1003521	11.07%	0.144%
442	15.745	15.722	15.765	HH	47667	1163436	12.83%	0.167%
443	15.778	15.765	15.804	HH	45399	1028256	11.34%	0.148%
444	15.828	15.804	15.852	HH	46083	1270522	14.01%	0.182%
445	15.856	15.852	15.875	HH	43507	602589	6.65%	0.086%
446	15.934	15.875	15.973	HH	319534	5473004	60.36%	0.786%
447	15.997	15.973	16.012	HH	46268	1076086	11.87%	0.154%
448	16.021	16.012	16.028	HH	45497	434452	4.79%	0.062%
449	16.045	16.028	16.052	HH	45998	666806	7.35%	0.096%
450	16.089	16.052	16.118	HH	49022	1847725	20.38%	0.265%
451	16.138	16.118	16.171	HH	51060	1560283	17.21%	0.224%
452	16.202	16.171	16.211	HH	49414	1179572	13.01%	0.169%
453	16.228	16.211	16.248	HH	50108	1097115	12.10%	0.157%
454	16.256	16.248	16.262	HH	49256	403199	4.45%	0.058%
455	16.287	16.262	16.300	HH	51031	1141752	12.59%	0.164%
456	16.315	16.300	16.349	HH	56230	1549802	17.09%	0.222%

rteres								
457	16.386	16.349	16.396	HH	55664	1521065	16.78%	0.218%
458	16.416	16.396	16.420	HH	59963	807855	8.91%	0.116%
459	16.426	16.420	16.458	HH	60554	1315314	14.51%	0.189%
460	16.491	16.458	16.515	HH	144144	2966063	32.71%	0.426%
461	16.529	16.515	16.593	HH	87481	3220928	35.52%	0.462%
462	16.599	16.593	16.602	HH	56592	308929	3.41%	0.044%
463	16.639	16.602	16.673	HH	72808	2687876	29.64%	0.386%
464	16.681	16.673	16.685	HH	60266	414331	4.57%	0.059%
465	16.695	16.685	16.713	HH	61221	1011933	11.16%	0.145%
466	16.754	16.713	16.764	HH	65385	1924798	21.23%	0.276%
467	16.768	16.764	16.775	HH	65585	420354	4.64%	0.060%
468	16.785	16.775	16.796	HH	66081	811805	8.95%	0.117%
469	16.817	16.796	16.847	HH	114527	2588007	28.54%	0.371%
470	16.884	16.847	16.918	HH	400239	6724989	74.17%	0.965%
471	16.927	16.918	16.952	HH	90501	1651622	18.22%	0.237%
472	16.956	16.952	16.960	HH	69475	356298	3.93%	0.051%
473	16.964	16.960	16.978	HH	69460	711760	7.85%	0.102%
474	16.994	16.978	17.043	HH	86099	2982546	32.89%	0.428%
475	17.058	17.043	17.073	HH	72996	1256041	13.85%	0.180%
476	17.112	17.073	17.119	HH	77900	2110169	23.27%	0.303%
477	17.133	17.119	17.152	HH	83698	1539720	16.98%	0.221%
478	17.157	17.152	17.163	HH	75100	488894	5.39%	0.070%
479	17.181	17.163	17.186	HH	75386	1037014	11.44%	0.149%
480	17.203	17.186	17.229	HH	80744	2047815	22.58%	0.294%
481	17.239	17.229	17.254	HH	77886	1154697	12.73%	0.166%
482	17.281	17.254	17.292	HH	82077	1802386	19.88%	0.259%
483	17.303	17.292	17.317	HH	88479	1296490	14.30%	0.186%
484	17.330	17.317	17.343	HH	87119	1314506	14.50%	0.189%
485	17.374	17.343	17.383	HH	84699	1943471	21.43%	0.279%
486	17.385	17.383	17.388	HH	83950	282922	3.12%	0.041%
487	17.410	17.388	17.418	HH	86758	1502977	16.58%	0.216%
488	17.421	17.418	17.438	HH	86291	1048798	11.57%	0.151%
489	17.454	17.438	17.472	HH	87227	1692010	18.66%	0.243%
490	17.476	17.472	17.479	HH	81195	366596	4.04%	0.053%
491	17.489	17.479	17.499	HH	81977	977250	10.78%	0.140%
492	17.506	17.499	17.520	HH	83470	1031651	11.38%	0.148%
493	17.537	17.520	17.553	HH	85384	1681251	18.54%	0.241%
494	17.567	17.553	17.590	HH	88584	1875866	20.69%	0.269%
495	17.613	17.590	17.617	HH	87130	1349023	14.88%	0.194%
496	17.621	17.617	17.646	HH	87258	1470839	16.22%	0.211%
497	17.676	17.646	17.703	HH	92704	3021496	33.32%	0.434%
498	17.721	17.703	17.729	HH	90341	1377779	15.20%	0.198%
499	17.773	17.729	17.807	HH	352909	7120514	78.53%	1.022%
500	17.824	17.807	17.836	HH	91898	1568559	17.30%	0.225%
501	17.865	17.836	17.889	HH	95081	2906426	32.05%	0.417%
502	17.921	17.889	17.936	HH	113488	2862813	31.57%	0.411%
503	17.946	17.936	17.983	HH	104769	2839760	31.32%	0.408%
504	17.987	17.983	17.993	HH	92657	506168	5.58%	0.073%
505	18.016	17.993	18.036	HH	97103	2469972	27.24%	0.355%
506	18.044	18.036	18.051	HH	95966	880366	9.71%	0.126%
507	18.060	18.051	18.069	HH	97608	992340	10.94%	0.142%
508	18.074	18.069	18.082	HH	97283	764551	8.43%	0.110%
509	18.122	18.082	18.140	HH	107681	3602650	39.73%	0.517%

rteres								
510	18.195	18.140	18.226	HH	126592	5838080	64.39%	0.838%
511	18.246	18.226	18.268	HH	112911	2817456	31.07%	0.404%
512	18.290	18.268	18.350	HH	174596	6220600	68.61%	0.893%
513	18.369	18.350	18.389	HH	105828	2436149	26.87%	0.350%
514	18.421	18.389	18.437	HH	114768	3033724	33.46%	0.435%
515	18.448	18.437	18.476	HH	111277	2550149	28.12%	0.366%
516	18.497	18.476	18.527	HH	119082	3286693	36.25%	0.472%
517	18.546	18.527	18.576	HH	145063	3643450	40.18%	0.523%
518	18.604	18.576	18.635	HH	327140	6444168	71.07%	0.925%
519	18.644	18.635	18.649	HH	105786	876383	9.67%	0.126%
520	18.681	18.649	18.689	HH	111893	2607983	28.76%	0.374%
521	18.711	18.689	18.743	HH	135415	3811289	42.03%	0.547%
522	18.759	18.743	18.788	HH	120595	3064693	33.80%	0.440%
523	18.796	18.788	18.813	HH	111054	1643630	18.13%	0.236%
524	18.819	18.813	18.824	HH	108866	756418	8.34%	0.109%
525	18.829	18.824	18.832	HH	108155	522661	5.76%	0.075%
526	18.836	18.832	18.844	HH	108304	771525	8.51%	0.111%
527	18.859	18.844	18.868	HH	110321	1515318	16.71%	0.217%
528	18.894	18.868	18.923	HH	115487	3686630	40.66%	0.529%
529	18.947	18.923	18.955	HH	110444	2076620	22.90%	0.298%
530	18.998	18.955	19.003	HH	123642	3352998	36.98%	0.481%
531	19.019	19.003	19.023	HH	128446	1534350	16.92%	0.220%
532	19.039	19.023	19.064	HH	131758	3127306	34.49%	0.449%
533	19.069	19.064	19.075	HH	122732	773857	8.53%	0.111%
534	19.082	19.075	19.090	HH	123936	1125891	12.42%	0.162%
535	19.111	19.090	19.135	HH	126191	3295821	36.35%	0.473%
536	19.156	19.135	19.175	HH	122781	2911639	32.11%	0.418%
537	19.183	19.175	19.205	HH	122662	2144501	23.65%	0.308%
538	19.209	19.205	19.216	HH	118174	747502	8.24%	0.107%
539	19.224	19.216	19.232	HH	119276	1120138	12.35%	0.161%
540	19.242	19.232	19.246	HH	117429	982393	10.83%	0.141%
541	19.261	19.246	19.265	HH	120259	1345763	14.84%	0.193%
542	19.273	19.265	19.294	HH	121522	2081432	22.96%	0.299%
543	19.320	19.294	19.324	HH	122520	2196094	24.22%	0.315%
544	19.328	19.324	19.340	HH	122032	1148875	12.67%	0.165%
545	19.345	19.340	19.352	HH	119009	829303	9.15%	0.119%
546	19.386	19.352	19.408	HH	287452	5895976	65.02%	0.846%
547	19.417	19.408	19.451	HH	126594	3208605	35.39%	0.461%
548	19.479	19.451	19.496	HH	128767	3303648	36.43%	0.474%
549	19.512	19.496	19.538	HH	129384	3218892	35.50%	0.462%
550	19.567	19.538	19.580	HH	128517	3094100	34.12%	0.444%
551	19.603	19.580	19.615	HH	129438	2691612	29.68%	0.386%
552	19.629	19.615	19.651	HH	130647	2737562	30.19%	0.393%
553	19.672	19.651	19.682	HH	133613	2388729	26.34%	0.343%
554	19.687	19.682	19.697	HH	129288	1156127	12.75%	0.166%
555	19.735	19.697	19.746	HH	141394	4071272	44.90%	0.584%
556	19.763	19.746	19.781	HH	144201	2880972	31.77%	0.414%
557	19.805	19.781	19.835	HH	146494	4520593	49.86%	0.649%
558	19.857	19.835	19.874	HH	139852	3242424	35.76%	0.465%
559	19.881	19.874	19.887	HH	137152	1019663	11.25%	0.146%
560	19.892	19.887	19.897	HH	136871	812655	8.96%	0.117%
561	19.923	19.897	19.927	HH	140678	2500372	27.58%	0.359%

rteres								
562	19.931	19.927	19.963	HH	140177	2968207	32.74%	0.426%
563	19.969	19.963	19.983	HH	136695	1547682	17.07%	0.222%
564	19.994	19.983	20.005	HH	137632	1836225	20.25%	0.264%
565	20.010	20.005	20.014	HH	135389	723160	7.98%	0.104%
566	20.040	20.014	20.046	HH	141055	2652818	29.26%	0.381%
567	20.053	20.046	20.079	HH	141394	2766866	30.51%	0.397%
568	20.092	20.079	20.096	HH	139008	1347611	14.86%	0.193%
569	20.124	20.096	20.182	HH	278524	9067254	100.00%	1.301%
570	20.200	20.182	20.220	HH	152027	3320659	36.62%	0.477%
571	20.226	20.220	20.242	HH	147744	1899496	20.95%	0.273%
572	20.263	20.242	20.288	HH	146115	3972428	43.81%	0.570%
573	20.302	20.288	20.320	HH	144157	2752609	30.36%	0.395%
574	20.340	20.320	20.358	HH	147424	3289192	36.28%	0.472%
575	20.378	20.358	20.383	HH	147050	2196132	24.22%	0.315%
576	20.387	20.383	20.398	HH	146105	1285607	14.18%	0.185%
577	20.402	20.398	20.419	HH	143727	1831072	20.19%	0.263%
578	20.434	20.419	20.448	HH	143739	2415204	26.64%	0.347%
579	20.453	20.448	20.459	HH	142981	953189	10.51%	0.137%
580	20.481	20.459	20.499	HH	145180	3501933	38.62%	0.503%
581	20.503	20.499	20.527	HH	144335	2324529	25.64%	0.334%
582	20.533	20.527	20.538	HH	142145	935209	10.31%	0.134%
583	20.544	20.538	20.558	HH	143512	1778290	19.61%	0.255%
584	20.562	20.558	20.569	HH	142679	885095	9.76%	0.127%
585	20.588	20.569	20.593	HH	144710	2078886	22.93%	0.298%
586	20.598	20.593	20.608	HH	144962	1252012	13.81%	0.180%
587	20.611	20.608	20.628	HH	144276	1716740	18.93%	0.246%
588	20.633	20.628	20.638	HH	142580	850425	9.38%	0.122%
589	20.641	20.638	20.648	HH	142182	878492	9.69%	0.126%
590	20.652	20.648	20.664	HH	140190	1323281	14.59%	0.190%
591	20.670	20.664	20.676	HH	139450	1013150	11.17%	0.145%
592	20.680	20.676	20.688	HH	139710	1014047	11.18%	0.146%
593	20.693	20.688	20.698	HH	137362	766228	8.45%	0.110%
594	20.712	20.698	20.720	HH	138238	1852954	20.44%	0.266%
595	20.724	20.720	20.743	HH	137954	1900729	20.96%	0.273%
596	20.752	20.743	20.759	HH	137730	1258548	13.88%	0.181%
597	20.763	20.759	20.777	HH	137402	1482267	16.35%	0.213%
598	20.794	20.777	20.803	HH	135332	2075982	22.90%	0.298%
599	20.808	20.803	20.812	HH	135947	741155	8.17%	0.106%
600	20.821	20.812	20.832	HH	136599	1650089	18.20%	0.237%
601	20.863	20.832	20.916	HH	213878	7826661	86.32%	1.123%
602	20.928	20.916	20.932	HH	131563	1288926	14.22%	0.185%
603	20.941	20.932	20.951	HH	132995	1507037	16.62%	0.216%
604	20.960	20.951	20.964	HH	131632	1013268	11.18%	0.145%
605	20.971	20.964	20.981	HH	131311	1343643	14.82%	0.193%
606	20.987	20.981	21.000	HH	131959	1464642	16.15%	0.210%
607	21.019	21.000	21.023	HH	131134	1815905	20.03%	0.261%
608	21.027	21.023	21.045	HH	130671	1679878	18.53%	0.241%
609	21.050	21.045	21.057	HH	128505	938579	10.35%	0.135%
610	21.065	21.057	21.078	HH	129353	1629881	17.98%	0.234%
611	21.091	21.078	21.096	HH	127515	1371923	15.13%	0.197%
612	21.103	21.096	21.120	HH	128286	1769596	19.52%	0.254%
613	21.127	21.120	21.135	HH	126983	1163971	12.84%	0.167%
614	21.155	21.135	21.168	HH	128836	2512453	27.71%	0.361%

					rteres			
615	21.180	21.168	21.197	HH	128037	2203157	24.30%	0.316%
616	21.205	21.197	21.222	HH	127155	1902237	20.98%	0.273%
617	21.234	21.222	21.245	HH	128683	1772595	19.55%	0.254%
618	21.250	21.245	21.259	HH	126898	1069859	11.80%	0.154%
619	21.293	21.259	21.300	HH	129291	3094107	34.12%	0.444%
620	21.304	21.300	21.310	HH	127614	777781	8.58%	0.112%
621	21.315	21.310	21.337	HH	126184	1971136	21.74%	0.283%
622	21.347	21.337	21.353	HH	125184	1246812	13.75%	0.179%
623	21.360	21.353	21.382	HH	125624	2143138	23.64%	0.308%
624	21.387	21.382	21.399	HH	122416	1219986	13.45%	0.175%
625	21.412	21.399	21.421	HH	122700	1576560	17.39%	0.226%
626	21.427	21.421	21.439	HH	121886	1322486	14.59%	0.190%
627	21.444	21.439	21.454	HH	121828	1071025	11.81%	0.154%
628	21.460	21.454	21.477	HH	120303	1639045	18.08%	0.235%
629	21.482	21.477	21.497	HH	118719	1419977	15.66%	0.204%
630	21.504	21.497	21.509	HH	118725	873424	9.63%	0.125%
631	21.526	21.509	21.538	HH	119630	2106938	23.24%	0.302%
632	21.543	21.538	21.549	HH	118267	763621	8.42%	0.110%
633	21.559	21.549	21.567	HH	117992	1229985	13.57%	0.177%
634	21.578	21.567	21.582	HH	117977	1052499	11.61%	0.151%
635	21.588	21.582	21.593	HH	118603	830640	9.16%	0.119%
636	21.603	21.593	21.608	HH	119514	1010370	11.14%	0.145%
637	21.619	21.608	21.628	HH	119996	1487312	16.40%	0.213%
638	21.653	21.628	21.667	HH	120200	2750831	30.34%	0.395%
639	21.687	21.667	21.702	HH	121497	2550821	28.13%	0.366%
640	21.711	21.702	21.732	HH	120076	2084784	22.99%	0.299%
641	21.768	21.732	21.815	HH	171397	6808218	75.09%	0.977%
642	21.819	21.815	21.851	HH	116847	2510455	27.69%	0.360%
643	21.858	21.851	21.867	HH	114305	1076685	11.87%	0.155%
644	21.893	21.867	21.906	HH	113992	2637446	29.09%	0.379%
645	21.910	21.906	21.914	HH	112475	571988	6.31%	0.082%
646	21.938	21.914	21.956	HH	113581	2838072	31.30%	0.407%
647	21.961	21.956	21.967	HH	112654	741804	8.18%	0.106%
648	21.972	21.967	21.999	HH	112638	2098688	23.15%	0.301%
649	22.023	21.999	22.034	HH	113272	2348391	25.90%	0.337%
650	22.039	22.034	22.055	HH	111902	1427084	15.74%	0.205%
651	22.063	22.055	22.068	HH	110993	868064	9.57%	0.125%
652	22.075	22.068	22.080	HH	111876	797008	8.79%	0.114%
653	22.084	22.080	22.092	HH	110991	748816	8.26%	0.107%
654	22.096	22.092	22.104	HH	110705	784907	8.66%	0.113%
655	22.109	22.104	22.124	HH	111030	1371062	15.12%	0.197%
656	22.129	22.124	22.140	HH	110230	1042674	11.50%	0.150%
657	22.144	22.140	22.165	HH	109234	1629191	17.97%	0.234%
658	22.174	22.165	22.180	HH	110057	960547	10.59%	0.138%
659	22.186	22.180	22.212	HH	109675	2079245	22.93%	0.298%
660	22.221	22.212	22.225	HH	108101	850248	9.38%	0.122%
661	22.230	22.225	22.236	HH	107789	686772	7.57%	0.099%
662	22.244	22.236	22.269	HH	108269	2148097	23.69%	0.308%
663	22.279	22.269	22.283	HH	108892	934495	10.31%	0.134%
664	22.289	22.283	22.294	HH	108657	708421	7.81%	0.102%
665	22.303	22.294	22.322	HH	108763	1826040	20.14%	0.262%
666	22.329	22.322	22.339	HH	107137	1074402	11.85%	0.154%

rteres								
667	22.351	22.339	22.367	HH	106411	1738389	19.17%	0.250%
668	22.381	22.367	22.397	HH	106304	1878130	20.71%	0.270%
669	22.403	22.397	22.414	HH	104590	1100133	12.13%	0.158%
670	22.426	22.414	22.438	HH	103955	1439722	15.88%	0.207%
671	22.452	22.438	22.459	HH	103728	1347515	14.86%	0.193%
672	22.465	22.459	22.487	HH	103246	1683408	18.57%	0.242%
673	22.492	22.487	22.498	HH	102301	688622	7.59%	0.099%
674	22.509	22.498	22.514	HH	103310	995356	10.98%	0.143%
675	22.528	22.514	22.542	HH	103847	1728660	19.06%	0.248%
676	22.551	22.542	22.563	HH	103419	1316684	14.52%	0.189%
677	22.566	22.563	22.580	HH	103215	1022543	11.28%	0.147%
678	22.587	22.580	22.599	HH	102206	1164088	12.84%	0.167%
679	22.609	22.599	22.617	HH	100412	1083164	11.95%	0.155%
680	22.624	22.617	22.636	HH	100682	1095912	12.09%	0.157%
681	22.645	22.636	22.653	HH	100433	1072929	11.83%	0.154%
682	22.657	22.653	22.662	HH	99751	495375	5.46%	0.071%
683	22.676	22.662	22.688	HH	100005	1542450	17.01%	0.221%
684	22.691	22.688	22.702	HH	99502	837093	9.23%	0.120%
685	22.706	22.702	22.713	HH	99447	651049	7.18%	0.093%
686	22.732	22.713	22.750	HH	100666	2253705	24.86%	0.323%
687	22.767	22.750	22.785	HH	100705	2040329	22.50%	0.293%
688	22.789	22.785	22.815	HH	99271	1792909	19.77%	0.257%
689	22.820	22.815	22.832	HH	97925	978544	10.79%	0.140%
690	22.847	22.832	22.862	HH	98281	1760242	19.41%	0.253%
691	22.868	22.862	22.885	HH	96646	1315944	14.51%	0.189%
692	22.889	22.885	22.905	HH	95414	1143585	12.61%	0.164%
693	22.913	22.905	22.918	HH	95766	717252	7.91%	0.103%
694	22.932	22.918	22.985	HH	97820	3861589	42.59%	0.554%
695	22.992	22.985	22.999	HH	94532	820016	9.04%	0.118%
696	23.010	22.999	23.022	HH	94967	1266701	13.97%	0.182%
697	23.027	23.022	23.031	HH	94254	503110	5.55%	0.072%
698	23.036	23.031	23.043	HH	94483	724656	7.99%	0.104%
699	23.047	23.043	23.067	HH	94204	1300780	14.35%	0.187%
700	23.070	23.067	23.083	HH	93271	925222	10.20%	0.133%
701	23.091	23.083	23.098	HH	93697	811704	8.95%	0.117%
702	23.111	23.098	23.124	HH	94448	1470326	16.22%	0.211%
703	23.132	23.124	23.146	HH	94148	1238778	13.66%	0.178%
704	23.153	23.146	23.191	HH	94144	2534973	27.96%	0.364%
705	23.204	23.191	23.213	HH	93424	1232108	13.59%	0.177%
706	23.226	23.213	23.253	HH	93758	2200981	24.27%	0.316%
707	23.262	23.253	23.276	HH	92339	1283480	14.16%	0.184%
708	23.296	23.276	23.305	HH	91460	1555589	17.16%	0.223%
709	23.318	23.305	23.338	HH	91666	1807945	19.94%	0.260%
710	23.341	23.338	23.350	HH	90856	659718	7.28%	0.095%
711	23.363	23.350	23.369	HH	91680	1068281	11.78%	0.153%
712	23.384	23.369	23.399	HH	92271	1642060	18.11%	0.236%
713	23.406	23.399	23.414	HH	91837	820557	9.05%	0.118%
714	23.420	23.414	23.427	HH	91574	696317	7.68%	0.100%
715	23.432	23.427	23.443	HH	91722	857407	9.46%	0.123%
716	23.455	23.443	23.465	HH	92155	1231202	13.58%	0.177%
717	23.470	23.465	23.483	HH	90397	989596	10.91%	0.142%
718	23.493	23.483	23.501	HH	90433	955133	10.53%	0.137%
719	23.505	23.501	23.519	HH	89277	973591	10.74%	0.140%

					rters			
720	23.531	23.519	23.545	HH	89075	1366328	15.07%	0.196%
721	23.551	23.545	23.556	HH	88866	566875	6.25%	0.081%
722	23.562	23.556	23.577	HH	88971	1135079	12.52%	0.163%
723	23.583	23.577	23.593	HH	88239	827408	9.13%	0.119%
724	23.598	23.593	23.605	HH	88494	650136	7.17%	0.093%
725	23.609	23.605	23.622	HH	88153	899910	9.92%	0.129%
726	23.632	23.622	23.645	HH	88747	1209761	13.34%	0.174%
727	23.660	23.645	23.666	HH	89029	1100632	12.14%	0.158%
728	23.671	23.666	23.680	HH	89031	752328	8.30%	0.108%
729	23.686	23.680	23.725	HH	89196	2346598	25.88%	0.337%
730	23.735	23.725	23.751	HH	87656	1365947	15.06%	0.196%
731	23.760	23.751	23.769	HH	87913	967269	10.67%	0.139%
732	23.783	23.769	23.789	HH	87111	1031033	11.37%	0.148%
733	23.792	23.789	23.797	HH	87208	391268	4.32%	0.056%
734	23.803	23.797	23.816	HH	87046	986827	10.88%	0.142%
735	23.823	23.816	23.833	HH	87044	878348	9.69%	0.126%
736	23.845	23.833	23.856	HH	87126	1209278	13.34%	0.174%
737	23.873	23.856	23.878	HH	87416	1142602	12.60%	0.164%
738	23.895	23.878	23.912	HH	87142	1780760	19.64%	0.256%
739	23.923	23.912	23.937	HH	86316	1287158	14.20%	0.185%
740	23.946	23.937	23.962	HH	86766	1291160	14.24%	0.185%
741	23.969	23.962	23.976	HH	85700	712055	7.85%	0.102%
742	23.985	23.976	23.993	HH	85704	869517	9.59%	0.125%
743	23.998	23.993	24.005	HH	85261	603909	6.66%	0.087%
744	24.019	24.005	24.025	HH	85369	1018305	11.23%	0.146%
745	24.031	24.025	24.042	HH	85307	849240	9.37%	0.122%
746	24.051	24.042	24.058	HH	85166	836843	9.23%	0.120%
747	24.065	24.058	24.071	HH	85246	660903	7.29%	0.095%
748	24.077	24.071	24.083	HH	85037	585850	6.46%	0.084%
749	24.087	24.083	24.094	HH	85096	586769	6.47%	0.084%
750	24.108	24.094	24.127	HH	84940	1642099	18.11%	0.236%
751	24.137	24.127	24.173	HH	83668	2327706	25.67%	0.334%
752	24.184	24.173	24.195	HH	83604	1077897	11.89%	0.155%
753	24.208	24.195	24.238	HH	82857	2141015	23.61%	0.307%
754	24.249	24.238	24.277	HH	82612	1884280	20.78%	0.270%
755	24.300	24.277	24.308	HH	81869	1527162	16.84%	0.219%
756	24.321	24.308	24.344	HH	81636	1748351	19.28%	0.251%
757	24.352	24.344	24.359	HH	80317	710560	7.84%	0.102%
758	24.375	24.359	24.383	HH	80904	1173816	12.95%	0.168%
759	24.396	24.383	24.411	HH	81304	1339085	14.77%	0.192%
760	24.420	24.411	24.432	HH	81796	1049117	11.57%	0.151%
761	24.442	24.432	24.449	HH	81890	827861	9.13%	0.119%
762	24.455	24.449	24.460	HH	81327	537320	5.93%	0.077%
763	24.465	24.460	24.473	HH	81264	645162	7.12%	0.093%
764	24.483	24.473	24.494	HH	81737	1017929	11.23%	0.146%
765	24.518	24.494	24.535	HH	83183	2012551	22.20%	0.289%
766	24.545	24.535	24.553	HH	82065	882800	9.74%	0.127%
767	24.562	24.553	24.582	HH	82053	1401940	15.46%	0.201%
					Sum of corrected areas: 696700556			