

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE012518\
Data File : FE025800.D
Signal(s) : FID1B.CH
Acq On : 25 Jan 2018 10:00
Sample : J1258-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE010418.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.462	2.441	2.489	BH	306	5429	0.12%	0.001%
2	2.495	2.489	2.499	HH	143	714	0.02%	0.000%
3	2.513	2.499	2.538	HH	396	6202	0.13%	0.001%
4	2.554	2.538	2.561	HH	281	2667	0.06%	0.001%
5	2.574	2.561	2.579	HH	365	2206	0.05%	0.000%
6	2.589	2.579	2.600	HH	316	2279	0.05%	0.000%
7	2.606	2.600	2.620	HH	289	2392	0.05%	0.000%
8	2.631	2.620	2.642	HH	332	3282	0.07%	0.001%
9	2.647	2.642	2.651	HH	277	1433	0.03%	0.000%
10	2.662	2.651	2.669	HH	407	3506	0.08%	0.001%
11	2.706	2.669	2.734	HH	2270	39846	0.86%	0.0008%
12	2.738	2.734	2.744	HH	1083	5451	0.12%	0.001%
13	2.748	2.744	2.772	HH	968	12757	0.28%	0.0003%
14	2.786	2.772	2.790	HH	712	6522	0.14%	0.001%
15	2.795	2.790	2.804	HH	767	4860	0.11%	0.001%
16	2.809	2.804	2.825	HH	685	7280	0.16%	0.001%
17	2.831	2.825	2.836	HH	647	3573	0.08%	0.001%
18	2.846	2.836	2.856	HH	682	7185	0.16%	0.001%
19	2.864	2.856	2.868	HH	585	3737	0.08%	0.001%
20	2.878	2.868	2.900	HH	720	10065	0.22%	0.002%
21	2.903	2.900	2.907	HH	601	2393	0.05%	0.000%
22	2.911	2.907	2.932	HH	689	8273	0.18%	0.002%
23	2.938	2.932	2.951	HH	739	6810	0.15%	0.001%
24	2.957	2.951	2.971	HH	717	7204	0.16%	0.001%
25	2.974	2.971	2.981	HH	680	4057	0.09%	0.001%
26	2.989	2.981	3.005	HH	776	9319	0.20%	0.002%
27	3.017	3.005	3.031	HH	836	10664	0.23%	0.002%
28	3.042	3.031	3.047	HH	723	6524	0.14%	0.001%
29	3.054	3.047	3.073	HH	917	10875	0.24%	0.002%
30	3.078	3.073	3.097	HH	882	10706	0.23%	0.002%
31	3.102	3.097	3.112	HH	775	6646	0.14%	0.001%
32	3.117	3.112	3.126	HH	922	6222	0.13%	0.001%
33	3.134	3.126	3.139	HH	873	6417	0.14%	0.001%
34	3.148	3.139	3.162	HH	946	12064	0.26%	0.002%
35	3.168	3.162	3.174	HH	965	6391	0.14%	0.001%
36	3.180	3.174	3.185	HH	895	5274	0.11%	0.001%

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37	3.190	3.185	3.204	HH	1041	10120	0.22%	0.002%
38	3.220	3.204	3.226	HH	1093	12633	0.27%	0.003%
39	3.247	3.226	3.259	HH	1139	19006	0.41%	0.004%
40	3.273	3.259	3.283	HH	1082	14839	0.32%	0.003%
41	3.305	3.283	3.318	HH	1208	22597	0.49%	0.005%
42	3.324	3.318	3.334	HH	1150	10027	0.22%	0.002%
43	3.342	3.334	3.354	HH	1173	13416	0.29%	0.003%
44	3.357	3.354	3.365	HH	1154	7006	0.15%	0.001%
45	3.375	3.365	3.387	HH	1187	14928	0.32%	0.003%
46	3.395	3.387	3.406	HH	1165	12096	0.26%	0.002%
47	3.418	3.406	3.429	HH	1225	15227	0.33%	0.003%
48	3.434	3.429	3.442	HH	1265	9228	0.20%	0.002%
49	3.454	3.442	3.466	HH	1326	17291	0.37%	0.004%
50	3.478	3.466	3.485	HH	1326	13591	0.29%	0.003%
51	3.488	3.485	3.492	HH	1392	5731	0.12%	0.001%
52	3.496	3.492	3.516	HH	1376	18586	0.40%	0.004%
53	3.519	3.516	3.532	HH	1392	11581	0.25%	0.002%
54	3.543	3.532	3.548	HH	1388	11457	0.25%	0.002%
55	3.553	3.548	3.565	HH	1322	12822	0.28%	0.003%
56	3.570	3.565	3.584	HH	1460	15276	0.33%	0.003%
57	3.589	3.584	3.598	HH	1348	10449	0.23%	0.002%
58	3.602	3.598	3.607	HH	1420	7355	0.16%	0.001%
59	3.612	3.607	3.617	HH	1484	7451	0.16%	0.002%
60	3.629	3.617	3.637	HH	1415	16641	0.36%	0.003%
61	3.643	3.637	3.648	HH	1547	9596	0.21%	0.002%
62	3.661	3.648	3.669	HH	1565	18373	0.40%	0.004%
63	3.673	3.669	3.695	HH	1592	22968	0.50%	0.005%
64	3.701	3.695	3.707	HH	1610	10275	0.22%	0.002%
65	3.720	3.707	3.724	HH	1601	15781	0.34%	0.003%
66	3.741	3.724	3.745	HH	1665	20055	0.43%	0.004%
67	3.749	3.745	3.756	HH	1643	10077	0.22%	0.002%
68	3.761	3.756	3.765	HH	1603	8042	0.17%	0.002%
69	3.771	3.765	3.788	HH	1662	21633	0.47%	0.004%
70	3.800	3.788	3.810	HH	1603	19674	0.43%	0.004%
71	3.814	3.810	3.822	HH	1684	11877	0.26%	0.002%
72	3.827	3.822	3.843	HH	1659	19207	0.42%	0.004%
73	3.850	3.843	3.858	HH	1718	14696	0.32%	0.003%
74	3.863	3.858	3.867	HH	1795	9368	0.20%	0.002%
75	3.872	3.867	3.881	HH	1715	13688	0.30%	0.003%
76	3.900	3.881	3.911	HH	1811	29845	0.65%	0.006%
77	3.917	3.911	3.926	HH	1787	15686	0.34%	0.003%
78	3.931	3.926	3.936	HH	1795	10099	0.22%	0.002%
79	3.942	3.936	3.947	HH	1833	11954	0.26%	0.002%
80	3.950	3.947	3.966	HH	1867	20457	0.44%	0.004%
81	3.970	3.966	3.976	HH	1752	9582	0.21%	0.002%
82	3.983	3.976	3.991	HH	1853	15154	0.33%	0.003%
83	3.995	3.991	4.001	HH	1843	11346	0.25%	0.002%
84	4.012	4.001	4.020	HH	1885	20129	0.44%	0.004%
85	4.049	4.020	4.067	HH	1991	52655	1.14%	0.011%
86	4.072	4.067	4.081	HH	2022	16068	0.35%	0.003%
87	4.088	4.081	4.093	HH	2007	13519	0.29%	0.003%
88	4.098	4.093	4.113	HH	2036	23817	0.51%	0.005%
89	4.116	4.113	4.131	HH	2107	20750	0.45%	0.004%

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90	4.141	4.131	4.158	HH	2019	31706	0.69%	0.006%
91	4.163	4.158	4.169	HH	2024	13365	0.29%	0.003%
92	4.178	4.169	4.188	HH	2077	22995	0.50%	0.005%
93	4.193	4.188	4.199	HH	2012	12587	0.27%	0.003%
94	4.204	4.199	4.211	HH	2124	14161	0.31%	0.003%
95	4.229	4.211	4.235	HH	2164	29785	0.64%	0.006%
96	4.240	4.235	4.248	HH	2179	16909	0.37%	0.003%
97	4.283	4.248	4.295	HH	3555	84241	1.82%	0.017%
98	4.300	4.295	4.306	HH	3494	22243	0.48%	0.005%
99	4.311	4.306	4.341	HH	3636	70102	1.52%	0.014%
100	4.349	4.341	4.360	HH	3421	37393	0.81%	0.008%
101	4.364	4.360	4.416	HH	3337	105322	2.28%	0.021%
102	4.434	4.416	4.453	HH	3233	69350	1.50%	0.014%
103	4.456	4.453	4.466	HH	3125	22649	0.49%	0.005%
104	4.475	4.466	4.486	HH	3090	35006	0.76%	0.007%
105	4.494	4.486	4.501	HH	2910	27265	0.59%	0.006%
106	4.508	4.501	4.524	HH	2941	38556	0.83%	0.008%
107	4.533	4.524	4.540	HH	2885	26713	0.58%	0.005%
108	4.556	4.540	4.570	HH	3157	55810	1.21%	0.011%
109	4.582	4.570	4.591	HH	3086	35620	0.77%	0.007%
110	4.596	4.591	4.602	HH	3031	20612	0.45%	0.004%
111	4.612	4.602	4.623	HH	3043	36759	0.79%	0.007%
112	4.633	4.623	4.639	HH	3036	27545	0.60%	0.006%
113	4.643	4.639	4.651	HH	2996	20885	0.45%	0.004%
114	4.655	4.651	4.661	HH	2963	17431	0.38%	0.004%
115	4.665	4.661	4.669	HH	2994	14651	0.32%	0.003%
116	4.674	4.669	4.685	HH	2979	27731	0.60%	0.006%
117	4.689	4.685	4.694	HH	2952	15872	0.34%	0.003%
118	4.739	4.694	4.744	HH	3237	91244	1.97%	0.018%
119	4.748	4.744	4.758	HH	3118	25608	0.55%	0.005%
120	4.762	4.758	4.782	HH	3160	44794	0.97%	0.009%
121	4.790	4.782	4.798	HH	3027	28044	0.61%	0.006%
122	4.804	4.798	4.832	HH	3118	61089	1.32%	0.012%
123	4.837	4.832	4.843	HH	3056	19000	0.41%	0.004%
124	4.848	4.843	4.861	HH	2932	31156	0.67%	0.006%
125	4.864	4.861	4.872	HH	2939	18392	0.40%	0.004%
126	4.876	4.872	4.894	HH	2862	36086	0.78%	0.007%
127	4.899	4.894	4.910	HH	2861	28556	0.62%	0.006%
128	4.917	4.910	4.923	HH	2957	21560	0.47%	0.004%
129	4.931	4.923	4.939	HH	2946	28059	0.61%	0.006%
130	4.945	4.939	4.950	HH	2989	18937	0.41%	0.004%
131	4.954	4.950	4.965	HH	3006	26653	0.58%	0.005%
132	4.970	4.965	4.981	HH	2979	27528	0.60%	0.006%
133	4.984	4.981	5.004	HH	3040	41093	0.89%	0.008%
134	5.025	5.004	5.031	HH	3115	48873	1.06%	0.010%
135	5.035	5.031	5.044	HH	3071	23027	0.50%	0.005%
136	5.048	5.044	5.056	HH	3071	22287	0.48%	0.005%
137	5.060	5.056	5.079	HH	3118	40608	0.88%	0.008%
138	5.091	5.079	5.096	HH	3135	31880	0.69%	0.006%
139	5.101	5.096	5.113	HH	3042	30010	0.65%	0.006%
140	5.121	5.113	5.125	HH	3074	22269	0.48%	0.005%
141	5.145	5.125	5.150	HH	3157	45311	0.98%	0.009%

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142	5.166	5.150	5.178	HH	3464	55155	1.19%	0.011%
143	5.182	5.178	5.186	HH	3275	15281	0.33%	0.003%
144	5.189	5.186	5.197	HH	3223	21296	0.46%	0.004%
145	5.201	5.197	5.205	HH	3231	14167	0.31%	0.003%
146	5.210	5.205	5.214	HH	3280	17564	0.38%	0.004%
147	5.221	5.214	5.233	HH	3288	37463	0.81%	0.008%
148	5.240	5.233	5.246	HH	3397	24918	0.54%	0.005%
149	5.250	5.246	5.256	HH	3334	21176	0.46%	0.004%
150	5.259	5.256	5.266	HH	3354	18117	0.39%	0.004%
151	5.270	5.266	5.286	HH	3387	41255	0.89%	0.008%
152	5.291	5.286	5.301	HH	3379	29656	0.64%	0.006%
153	5.307	5.301	5.324	HH	3377	45083	0.97%	0.009%
154	5.330	5.324	5.337	HH	3405	24555	0.53%	0.005%
155	5.349	5.337	5.354	HH	3359	33632	0.73%	0.007%
156	5.358	5.354	5.366	HH	3512	25715	0.56%	0.005%
157	5.378	5.366	5.382	HH	3602	32829	0.71%	0.007%
158	5.391	5.382	5.395	HH	3593	26006	0.56%	0.005%
159	5.402	5.395	5.415	HH	3520	40782	0.88%	0.008%
160	5.420	5.415	5.440	HH	3540	53942	1.17%	0.011%
161	5.450	5.440	5.463	HH	3598	48263	1.04%	0.010%
162	5.468	5.463	5.474	HH	3718	23318	0.50%	0.005%
163	5.482	5.474	5.489	HH	3893	33136	0.72%	0.007%
164	5.501	5.489	5.522	HH	3909	74661	1.61%	0.015%
165	5.528	5.522	5.532	HH	3879	22363	0.48%	0.005%
166	5.536	5.532	5.540	HH	3869	18505	0.40%	0.004%
167	5.544	5.540	5.551	HH	3840	25131	0.54%	0.005%
168	5.561	5.551	5.566	HH	3784	31978	0.69%	0.006%
169	5.572	5.566	5.576	HH	3781	23105	0.50%	0.005%
170	5.588	5.576	5.648	HH	4074	167478	3.62%	0.034%
171	5.654	5.648	5.664	HH	3818	36185	0.78%	0.007%
172	5.668	5.664	5.672	HH	3887	18792	0.41%	0.004%
173	5.688	5.672	5.693	HH	3879	45881	0.99%	0.009%
174	5.702	5.693	5.717	HH	3954	57504	1.24%	0.012%
175	5.726	5.717	5.736	HH	3891	41785	0.90%	0.008%
176	5.763	5.736	5.804	HH	4581	168044	3.63%	0.034%
177	5.810	5.804	5.816	HH	3992	27511	0.59%	0.006%
178	5.850	5.816	5.867	HH	4366	127673	2.76%	0.026%
179	5.899	5.867	5.904	HH	4238	92066	1.99%	0.019%
180	5.931	5.904	5.954	HH	7114	175940	3.80%	0.036%
181	5.962	5.954	6.014	HH	6492	212951	4.60%	0.043%
182	6.021	6.014	6.035	HH	5533	69005	1.49%	0.014%
183	6.043	6.035	6.069	HH	5304	105293	2.28%	0.021%
184	6.074	6.069	6.078	HH	5064	26341	0.57%	0.005%
185	6.083	6.078	6.091	HH	5115	40230	0.87%	0.008%
186	6.103	6.091	6.125	HH	5140	100277	2.17%	0.020%
187	6.130	6.125	6.136	HH	5103	33721	0.73%	0.007%
188	6.144	6.136	6.161	HH	5243	79356	1.72%	0.016%
189	6.166	6.161	6.172	HH	5087	32568	0.70%	0.007%
190	6.187	6.172	6.201	HH	5223	87912	1.90%	0.018%
191	6.206	6.201	6.226	HH	4997	74344	1.61%	0.015%
192	6.239	6.226	6.253	HH	5051	77362	1.67%	0.016%
193	6.295	6.253	6.338	HH	9422	336219	7.27%	0.068%
194	6.351	6.338	6.356	HH	5739	59190	1.28%	0.012%

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195	6.364	6.356	6.387	HH	5913	108082	2.34%	0.022%
196	6.398	6.387	6.435	HH	5812	157908	3.41%	0.032%
197	6.442	6.435	6.460	HH	5359	78930	1.71%	0.016%
198	6.465	6.460	6.473	HH	5240	41289	0.89%	0.008%
199	6.480	6.473	6.489	HH	5334	49326	1.07%	0.010%
200	6.495	6.489	6.501	HH	5257	38843	0.84%	0.008%
201	6.508	6.501	6.524	HH	5231	68568	1.48%	0.014%
202	6.548	6.524	6.558	HH	5395	109358	2.36%	0.022%
203	6.574	6.558	6.602	HH	5800	144538	3.12%	0.029%
204	6.606	6.602	6.637	HH	5386	108910	2.35%	0.022%
205	6.646	6.637	6.650	HH	5199	38062	0.82%	0.008%
206	6.662	6.650	6.680	HH	5348	94182	2.04%	0.019%
207	6.690	6.680	6.695	HH	5270	48005	1.04%	0.010%
208	6.724	6.695	6.734	HH	5491	123679	2.67%	0.025%
209	6.739	6.734	6.743	HH	5314	29226	0.63%	0.006%
210	6.749	6.743	6.759	HH	5351	50041	1.08%	0.010%
211	6.776	6.759	6.786	HH	5449	87417	1.89%	0.018%
212	6.796	6.786	6.809	HH	5474	73617	1.59%	0.015%
213	6.816	6.809	6.824	HH	5422	46238	1.00%	0.009%
214	6.839	6.824	6.844	HH	5608	66514	1.44%	0.013%
215	6.865	6.844	6.975	HH	18846	739886	15.99%	0.150%
216	6.980	6.975	6.989	HH	6642	55306	1.20%	0.011%
217	6.993	6.989	7.036	HH	6722	183246	3.96%	0.037%
218	7.058	7.036	7.113	HH	9126	369429	7.99%	0.075%
219	7.129	7.113	7.161	HH	7779	213229	4.61%	0.043%
220	7.166	7.161	7.206	HH	7120	180172	3.89%	0.037%
221	7.227	7.206	7.235	HH	6958	117606	2.54%	0.024%
222	7.237	7.235	7.254	HH	6973	78084	1.69%	0.016%
223	7.270	7.254	7.311	HH	7463	237602	5.14%	0.048%
224	7.326	7.311	7.343	HH	6907	133041	2.88%	0.027%
225	7.356	7.343	7.362	HH	6848	75108	1.62%	0.015%
226	7.372	7.362	7.382	HH	6846	83017	1.79%	0.017%
227	7.393	7.382	7.397	HH	7013	62023	1.34%	0.013%
228	7.403	7.397	7.412	HH	7105	61634	1.33%	0.012%
229	7.416	7.412	7.432	HH	7123	85987	1.86%	0.017%
230	7.448	7.432	7.471	HH	7287	166280	3.59%	0.034%
231	7.495	7.471	7.541	HH	9615	328033	7.09%	0.066%
232	7.548	7.541	7.565	HH	7193	105255	2.28%	0.021%
233	7.570	7.565	7.578	HH	7140	54421	1.18%	0.011%
234	7.583	7.578	7.591	HH	7190	56719	1.23%	0.011%
235	7.597	7.591	7.602	HH	7196	45338	0.98%	0.009%
236	7.621	7.602	7.633	HH	7215	132718	2.87%	0.027%
237	7.662	7.633	7.671	HH	7621	167064	3.61%	0.034%
238	7.674	7.671	7.681	HH	7495	44005	0.95%	0.009%
239	7.688	7.681	7.701	HH	7591	86631	1.87%	0.018%
240	7.708	7.701	7.738	HH	7828	168709	3.65%	0.034%
241	7.749	7.738	7.765	HH	7580	121302	2.62%	0.025%
242	7.784	7.765	7.804	HH	8415	187445	4.05%	0.038%
243	7.809	7.804	7.816	HH	8091	52533	1.14%	0.011%
244	7.819	7.816	7.827	HH	7805	53998	1.17%	0.011%
245	7.832	7.827	7.853	HH	7919	121036	2.62%	0.025%
246	7.875	7.853	7.886	HH	8115	154127	3.33%	0.031%

rteres								
247	7.898	7.886	7.909	HH	8365	115624	2.50%	0.023%
248	7.914	7.909	7.918	HH	8233	42042	0.91%	0.009%
249	7.948	7.918	7.962	HH	9808	239327	5.17%	0.049%
250	7.971	7.962	7.993	HH	9132	162561	3.51%	0.033%
251	8.013	7.993	8.038	HH	9059	236112	5.10%	0.048%
252	8.057	8.038	8.087	HH	9565	263618	5.70%	0.053%
253	8.108	8.087	8.128	HH	10029	227717	4.92%	0.046%
254	8.146	8.128	8.156	HH	9486	154108	3.33%	0.031%
255	8.179	8.156	8.203	HH	11296	285043	6.16%	0.058%
256	8.237	8.203	8.243	HH	9857	228956	4.95%	0.046%
257	8.248	8.243	8.256	HH	9853	79402	1.72%	0.016%
258	8.273	8.256	8.280	HH	10345	142862	3.09%	0.029%
259	8.286	8.280	8.307	HH	10369	168824	3.65%	0.034%
260	8.311	8.307	8.315	HH	10231	45915	0.99%	0.009%
261	8.360	8.315	8.392	HH	19792	596632	12.90%	0.121%
262	8.407	8.392	8.423	HH	11798	211093	4.56%	0.043%
263	8.442	8.423	8.512	HH	76113	1593492	34.45%	0.323%
264	8.527	8.512	8.554	HH	18346	403327	8.72%	0.082%
265	8.558	8.554	8.574	HH	14199	166203	3.59%	0.034%
266	8.596	8.574	8.624	HH	15144	428934	9.27%	0.087%
267	8.632	8.624	8.645	HH	13893	170123	3.68%	0.034%
268	8.653	8.645	8.679	HH	13925	277528	6.00%	0.056%
269	8.721	8.679	8.738	HH	15207	494011	10.68%	0.100%
270	8.757	8.738	8.778	HH	16322	378483	8.18%	0.077%
271	8.791	8.778	8.797	HH	16818	182208	3.94%	0.037%
272	8.820	8.797	8.840	HH	22032	481149	10.40%	0.098%
273	8.859	8.840	8.872	HH	18916	354734	7.67%	0.072%
274	8.892	8.872	8.916	HH	28224	570281	12.33%	0.116%
275	8.946	8.916	8.959	HH	18722	447313	9.67%	0.091%
276	8.975	8.959	8.984	HH	19905	291649	6.30%	0.059%
277	8.990	8.984	9.004	HH	19620	226691	4.90%	0.046%
278	9.018	9.004	9.026	HH	19956	260342	5.63%	0.053%
279	9.042	9.026	9.081	HH	21033	659557	14.26%	0.134%
280	9.108	9.081	9.125	HH	25948	572980	12.39%	0.116%
281	9.133	9.125	9.145	HH	21935	269483	5.83%	0.055%
282	9.181	9.145	9.215	HH	36217	1054338	22.79%	0.214%
283	9.233	9.215	9.248	HH	23731	454992	9.84%	0.092%
284	9.265	9.248	9.299	HH	27606	754150	16.30%	0.153%
285	9.322	9.299	9.344	HH	24441	652251	14.10%	0.132%
286	9.364	9.344	9.378	HH	24542	488411	10.56%	0.099%
287	9.395	9.378	9.406	HH	27621	430261	9.30%	0.087%
288	9.421	9.406	9.432	HH	28108	428110	9.25%	0.087%
289	9.440	9.432	9.456	HH	27693	390342	8.44%	0.079%
290	9.496	9.456	9.521	HH	30699	1131198	24.45%	0.229%
291	9.532	9.521	9.539	HH	30097	319133	6.90%	0.065%
292	9.554	9.539	9.564	HH	37607	519332	11.23%	0.105%
293	9.578	9.564	9.615	HH	43269	1077850	23.30%	0.218%
294	9.635	9.615	9.670	HH	36874	1158722	25.05%	0.235%
295	9.684	9.670	9.701	HH	36784	632777	13.68%	0.128%
296	9.714	9.701	9.728	HH	38297	593769	12.83%	0.120%
297	9.742	9.728	9.771	HH	36888	904288	19.55%	0.183%
298	9.804	9.771	9.830	HH	39107	1305318	28.22%	0.265%
299	9.853	9.830	9.903	HH	264144	4563195	98.64%	0.925%

rteres								
300	9.910	9.903	9.945	HH	52218	1243177	26.87%	0.252%
301	9.960	9.945	10.002	HH	65852	1706865	36.90%	0.346%
302	10.019	10.002	10.033	HH	47756	853790	18.46%	0.173%
303	10.050	10.033	10.055	HH	47092	596994	12.90%	0.121%
304	10.064	10.055	10.111	HH	47501	1552497	33.56%	0.315%
305	10.134	10.111	10.149	HH	48727	1034688	22.37%	0.210%
306	10.171	10.149	10.184	HH	48505	1007555	21.78%	0.204%
307	10.204	10.184	10.215	HH	50043	924194	19.98%	0.187%
308	10.237	10.215	10.256	HH	53647	1253570	27.10%	0.254%
309	10.309	10.256	10.316	HH	57278	1931421	41.75%	0.391%
310	10.348	10.316	10.375	HH	84032	2295341	49.62%	0.465%
311	10.394	10.375	10.408	HH	60981	1191831	25.76%	0.242%
312	10.437	10.408	10.466	HH	64663	2157356	46.63%	0.437%
313	10.498	10.466	10.517	HH	69575	1952931	42.21%	0.396%
314	10.548	10.517	10.571	HH	63381	2004711	43.33%	0.406%
315	10.594	10.571	10.603	HH	67705	1242777	26.86%	0.252%
316	10.622	10.603	10.652	HH	74416	2077284	44.90%	0.421%
317	10.698	10.652	10.715	HH	93079	2781778	60.13%	0.564%
318	10.725	10.715	10.736	HH	75317	935546	20.22%	0.190%
319	10.770	10.736	10.795	HH	130043	3350860	72.43%	0.679%
320	10.813	10.795	10.836	HH	83356	1969322	42.57%	0.399%
321	10.839	10.836	10.857	HH	78629	966453	20.89%	0.196%
322	10.870	10.857	10.881	HH	77321	1094417	23.66%	0.222%
323	10.909	10.881	10.923	HH	79747	1942321	41.99%	0.394%
324	10.948	10.923	10.963	HH	85081	1980341	42.81%	0.401%
325	10.977	10.963	10.998	HH	84906	1720183	37.18%	0.349%
326	11.034	10.998	11.053	HH	88313	2767380	59.82%	0.561%
327	11.092	11.053	11.107	HH	93989	2915893	63.03%	0.591%
328	11.114	11.107	11.139	HH	88520	1642324	35.50%	0.333%
329	11.153	11.139	11.166	HH	87953	1372843	29.68%	0.278%
330	11.184	11.166	11.196	HH	96108	1695771	36.66%	0.344%
331	11.207	11.196	11.220	HH	93319	1283219	27.74%	0.260%
332	11.237	11.220	11.246	HH	92909	1448527	31.31%	0.294%
333	11.256	11.246	11.264	HH	93653	991810	21.44%	0.201%
334	11.268	11.264	11.278	HH	92180	781172	16.89%	0.158%
335	11.296	11.278	11.318	HH	93847	2197598	47.50%	0.445%
336	11.341	11.318	11.355	HH	98297	2089406	45.16%	0.423%
337	11.365	11.355	11.371	HH	97549	925806	20.01%	0.188%
338	11.378	11.371	11.384	HH	98100	758370	16.39%	0.154%
339	11.402	11.384	11.420	HH	118265	2313180	50.00%	0.469%
340	11.429	11.420	11.444	HH	97471	1387563	29.99%	0.281%
341	11.459	11.444	11.464	HH	95206	1135805	24.55%	0.230%
342	11.492	11.464	11.531	HH	157742	4626191	100.00%	0.938%
343	11.538	11.531	11.546	HH	97619	815727	17.63%	0.165%
344	11.557	11.546	11.562	HH	97509	969423	20.96%	0.196%
345	11.568	11.562	11.583	HH	97942	1184306	25.60%	0.240%
346	11.599	11.583	11.620	HH	97966	2102519	45.45%	0.426%
347	11.648	11.620	11.656	HH	99989	2140276	46.26%	0.434%
348	11.667	11.656	11.674	HH	100178	1024502	22.15%	0.208%
349	11.703	11.674	11.742	HH	109301	4200395	90.80%	0.851%
350	11.776	11.742	11.793	HH	103907	3071549	66.39%	0.623%
351	11.802	11.793	11.825	HH	103610	1929178	41.70%	0.391%

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352	11.849	11.825	11.856	HH	101113	1865401	40.32%	0.378%
353	11.885	11.856	11.903	HH	107914	2926535	63.26%	0.593%
354	11.917	11.903	11.933	HH	108819	1935210	41.83%	0.392%
355	11.954	11.933	11.976	HH	106181	2654527	57.38%	0.538%
356	11.985	11.976	12.004	HH	103618	1719020	37.16%	0.348%
357	12.051	12.004	12.065	HH	123566	4034450	87.21%	0.818%
358	12.072	12.065	12.123	HH	114038	3724533	80.51%	0.755%
359	12.149	12.123	12.162	HH	104430	2373621	51.31%	0.481%
360	12.180	12.162	12.193	HH	108456	1925021	41.61%	0.390%
361	12.200	12.193	12.215	HH	103580	1354814	29.29%	0.275%
362	12.219	12.215	12.253	HH	101673	2244031	48.51%	0.455%
363	12.271	12.253	12.282	HH	100131	1712462	37.02%	0.347%
364	12.291	12.282	12.301	HH	100195	1088954	23.54%	0.221%
365	12.307	12.301	12.324	HH	98556	1361223	29.42%	0.276%
366	12.342	12.324	12.361	HH	102543	2233544	48.28%	0.453%
367	12.381	12.361	12.395	HH	101285	2050448	44.32%	0.416%
368	12.409	12.395	12.423	HH	100647	1636229	35.37%	0.332%
369	12.439	12.423	12.444	HH	96615	1211937	26.20%	0.246%
370	12.449	12.444	12.453	HH	96798	522331	11.29%	0.106%
371	12.459	12.453	12.472	HH	97521	1099428	23.77%	0.223%
372	12.482	12.472	12.495	HH	101126	1319329	28.52%	0.267%
373	12.506	12.495	12.524	HH	99286	1699227	36.73%	0.344%
374	12.539	12.524	12.555	HH	94993	1749022	37.81%	0.354%
375	12.572	12.555	12.609	HH	98204	3070105	66.36%	0.622%
376	12.629	12.609	12.659	HH	99760	2847841	61.56%	0.577%
377	12.677	12.659	12.691	HH	95233	1812249	39.17%	0.367%
378	12.709	12.691	12.728	HH	107250	2176742	47.05%	0.441%
379	12.740	12.728	12.751	HH	93096	1262654	27.29%	0.256%
380	12.771	12.751	12.783	HH	95073	1731675	37.43%	0.351%
381	12.787	12.783	12.797	HH	90900	797445	17.24%	0.162%
382	12.801	12.797	12.819	HH	91376	1198924	25.92%	0.243%
383	12.833	12.819	12.840	HH	91630	1097145	23.72%	0.222%
384	12.853	12.840	12.876	HH	92121	1948757	42.12%	0.395%
385	12.880	12.876	12.913	HH	85398	1874086	40.51%	0.380%
386	12.930	12.913	12.945	HH	85851	1595142	34.48%	0.323%
387	12.960	12.945	12.971	HH	85700	1358525	29.37%	0.275%
388	12.990	12.971	12.996	HH	86509	1233668	26.67%	0.250%
389	13.000	12.996	13.017	HH	84669	1076817	23.28%	0.218%
390	13.031	13.017	13.054	HH	85130	1832225	39.61%	0.371%
391	13.068	13.054	13.081	HH	83442	1353738	29.26%	0.274%
392	13.088	13.081	13.093	HH	80392	530557	11.47%	0.108%
393	13.096	13.093	13.111	HH	80284	907410	19.61%	0.184%
394	13.127	13.111	13.151	HH	84216	1922336	41.55%	0.390%
395	13.157	13.151	13.166	HH	81163	728366	15.74%	0.148%
396	13.171	13.166	13.181	HH	82394	735166	15.89%	0.149%
397	13.184	13.181	13.188	HH	80842	366275	7.92%	0.074%
398	13.204	13.188	13.236	HH	90133	2384348	51.54%	0.483%
399	13.241	13.236	13.245	HH	80195	438490	9.48%	0.089%
400	13.258	13.245	13.283	HH	80805	1798357	38.87%	0.364%
401	13.289	13.283	13.306	HH	76998	1038576	22.45%	0.210%
402	13.319	13.306	13.333	HH	81223	1290620	27.90%	0.262%
403	13.339	13.333	13.350	HH	76116	742771	16.06%	0.151%
404	13.370	13.350	13.403	HH	84964	2506005	54.17%	0.508%

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405	13.408	13.403	13.443	HH	74293	1741994	37.66%	0.353%
406	13.454	13.443	13.467	HH	72600	1044785	22.58%	0.212%
407	13.478	13.467	13.485	HH	71496	742904	16.06%	0.151%
408	13.494	13.485	13.516	HH	72630	1339407	28.95%	0.271%
409	13.544	13.516	13.569	HH	76048	2257009	48.79%	0.457%
410	13.589	13.569	13.617	HH	71805	1995624	43.14%	0.404%
411	13.636	13.617	13.665	HH	69567	1948878	42.13%	0.395%
412	13.668	13.665	13.689	HH	65437	929940	20.10%	0.188%
413	13.706	13.689	13.713	HH	65310	936590	20.25%	0.190%
414	13.728	13.713	13.740	HH	66035	1030051	22.27%	0.209%
415	13.755	13.740	13.781	HH	67354	1640279	35.46%	0.332%
416	13.817	13.781	13.843	HH	66491	2360921	51.03%	0.478%
417	13.860	13.843	13.879	HH	62999	1313925	28.40%	0.266%
418	13.904	13.879	13.951	HH	97983	2964602	64.08%	0.601%
419	13.965	13.951	13.985	HH	60445	1191516	25.76%	0.241%
420	13.996	13.985	14.015	HH	57372	1012459	21.89%	0.205%
421	14.035	14.015	14.039	HH	56526	811997	17.55%	0.165%
422	14.053	14.039	14.077	HH	56803	1281193	27.69%	0.260%
423	14.084	14.077	14.097	HH	54719	650266	14.06%	0.132%
424	14.137	14.097	14.164	HH	59446	2242450	48.47%	0.454%
425	14.193	14.164	14.214	HH	54109	1575106	34.05%	0.319%
426	14.217	14.214	14.228	HH	52027	448775	9.70%	0.091%
427	14.232	14.228	14.251	HH	51301	667077	14.42%	0.135%
428	14.265	14.251	14.271	HH	50160	608240	13.15%	0.123%
429	14.276	14.271	14.281	HH	50179	312296	6.75%	0.063%
430	14.290	14.281	14.308	HH	50798	799189	17.28%	0.162%
431	14.313	14.308	14.326	HH	49460	516413	11.16%	0.105%
432	14.340	14.326	14.356	HH	49654	896977	19.39%	0.182%
433	14.365	14.356	14.371	HH	49471	432562	9.35%	0.088%
434	14.375	14.371	14.401	HH	49350	898329	19.42%	0.182%
435	14.403	14.401	14.414	HH	47691	345563	7.47%	0.070%
436	14.425	14.414	14.448	HH	49135	962385	20.80%	0.195%
437	14.465	14.448	14.484	HH	51450	1043844	22.56%	0.212%
438	14.503	14.484	14.518	HH	46021	926104	20.02%	0.188%
439	14.541	14.518	14.551	HH	47088	898009	19.41%	0.182%
440	14.562	14.551	14.579	HH	46571	782760	16.92%	0.159%
441	14.588	14.579	14.612	HH	46035	902759	19.51%	0.183%
442	14.616	14.612	14.648	HH	43906	917358	19.83%	0.186%
443	14.665	14.648	14.691	HH	42195	1070049	23.13%	0.217%
444	14.700	14.691	14.709	HH	41618	444140	9.60%	0.090%
445	14.729	14.709	14.775	HH	43498	1629889	35.23%	0.330%
446	14.804	14.775	14.834	HH	274997	3997449	86.41%	0.810%
447	14.844	14.834	14.878	HH	40210	1021651	22.08%	0.207%
448	14.900	14.878	14.948	HH	38370	1594786	34.47%	0.323%
449	14.961	14.948	14.983	HH	38003	786285	17.00%	0.159%
450	15.003	14.983	15.028	HH	49332	1105688	23.90%	0.224%
451	15.055	15.028	15.108	HH	58823	1963680	42.45%	0.398%
452	15.149	15.108	15.181	HH	35157	1508176	32.60%	0.306%
453	15.202	15.181	15.226	HH	34109	887947	19.19%	0.180%
454	15.229	15.226	15.232	HH	32926	134145	2.90%	0.027%
455	15.242	15.232	15.278	HH	33304	900232	19.46%	0.182%
456	15.285	15.278	15.295	HH	32418	319346	6.90%	0.065%

rteres								
457	15.312	15.295	15.328	HH	33682	663738	14.35%	0.135%
458	15.337	15.328	15.362	HH	32402	649519	14.04%	0.132%
459	15.367	15.362	15.372	HH	31400	179985	3.89%	0.036%
460	15.398	15.372	15.510	HH	67063	4015859	86.81%	0.814%
461	15.519	15.510	15.538	HH	38274	614743	13.29%	0.125%
462	15.548	15.538	15.568	HH	36121	638309	13.80%	0.129%
463	15.583	15.568	15.588	HH	33704	393475	8.51%	0.080%
464	15.607	15.588	15.666	HH	50957	1649009	35.65%	0.334%
465	15.680	15.666	15.693	HH	29617	483951	10.46%	0.098%
466	15.699	15.693	15.706	HH	29288	225397	4.87%	0.046%
467	15.710	15.706	15.736	HH	29257	511789	11.06%	0.104%
468	15.745	15.736	15.777	HH	28681	711224	15.37%	0.144%
469	15.786	15.777	15.805	HH	28496	469601	10.15%	0.095%
470	15.826	15.805	15.888	HH	29044	1409639	30.47%	0.286%
471	15.902	15.888	15.913	HH	27576	412723	8.92%	0.084%
472	15.919	15.913	15.926	HH	27611	205575	4.44%	0.042%
473	15.943	15.926	15.962	HH	29029	611914	13.23%	0.124%
474	15.984	15.962	16.003	HH	29145	710154	15.35%	0.144%
475	16.022	16.003	16.046	HH	32457	750366	16.22%	0.152%
476	16.054	16.046	16.072	HH	27771	437256	9.45%	0.089%
477	16.091	16.072	16.140	HH	30075	1127425	24.37%	0.228%
478	16.158	16.140	16.176	HH	26695	572927	12.38%	0.116%
479	16.184	16.176	16.192	HH	26528	255950	5.53%	0.052%
480	16.196	16.192	16.200	HH	26364	128464	2.78%	0.026%
481	16.204	16.200	16.210	HH	26399	150041	3.24%	0.030%
482	16.225	16.210	16.264	HH	26944	861269	18.62%	0.175%
483	16.268	16.264	16.290	HH	26032	397321	8.59%	0.081%
484	16.346	16.290	16.374	HH	28595	1351208	29.21%	0.274%
485	16.398	16.374	16.414	HH	26133	615648	13.31%	0.125%
486	16.422	16.414	16.426	HH	25866	188307	4.07%	0.038%
487	16.469	16.426	16.485	HH	29922	992769	21.46%	0.201%
488	16.503	16.485	16.562	HH	31771	1301307	28.13%	0.264%
489	16.593	16.562	16.618	HH	29673	917539	19.83%	0.186%
490	16.626	16.618	16.631	HH	25888	207642	4.49%	0.042%
491	16.659	16.631	16.768	HH	37412	2314346	50.03%	0.469%
492	16.790	16.768	16.794	HH	25506	389261	8.41%	0.079%
493	16.801	16.794	16.822	HH	25725	429106	9.28%	0.087%
494	16.864	16.822	16.901	HH	25946	1215718	26.28%	0.246%
495	16.906	16.901	16.909	HH	25164	114389	2.47%	0.023%
496	16.937	16.909	16.948	HH	27147	607872	13.14%	0.123%
497	16.971	16.948	17.003	HH	68079	1319817	28.53%	0.267%
498	17.020	17.003	17.036	HH	29100	549022	11.87%	0.111%
499	17.053	17.036	17.082	HH	29502	763036	16.49%	0.155%
500	17.090	17.082	17.096	HH	25902	216343	4.68%	0.044%
501	17.101	17.096	17.108	HH	25893	175246	3.79%	0.036%
502	17.118	17.108	17.126	HH	25782	277591	6.00%	0.056%
503	17.148	17.126	17.177	HH	26275	799422	17.28%	0.162%
504	17.193	17.177	17.201	HH	25788	363384	7.85%	0.074%
505	17.206	17.201	17.222	HH	25795	329595	7.12%	0.067%
506	17.238	17.222	17.271	HH	25977	746347	16.13%	0.151%
507	17.275	17.271	17.280	HH	25291	133340	2.88%	0.027%
508	17.307	17.280	17.316	HH	25792	547714	11.84%	0.111%
509	17.335	17.316	17.347	HH	26764	499329	10.79%	0.101%

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510	17.355	17.347	17.369	HH	26461	342460	7.40%	0.069%
511	17.390	17.369	17.396	HH	27063	433485	9.37%	0.088%
512	17.420	17.396	17.457	HH	41263	1145051	24.75%	0.232%
513	17.462	17.457	17.475	HH	26415	275765	5.96%	0.056%
514	17.482	17.475	17.488	HH	26071	207933	4.49%	0.042%
515	17.509	17.488	17.534	HH	29727	750549	16.22%	0.152%
516	17.543	17.534	17.550	HH	26542	257243	5.56%	0.052%
517	17.556	17.550	17.588	HH	26541	605972	13.10%	0.123%
518	17.596	17.588	17.601	HH	25830	201166	4.35%	0.041%
519	17.642	17.601	17.679	HH	26607	1216580	26.30%	0.247%
520	17.709	17.679	17.749	HH	26375	1106608	23.92%	0.224%
521	17.774	17.749	17.789	HH	26657	626244	13.54%	0.127%
522	17.821	17.789	17.834	HH	28821	744810	16.10%	0.151%
523	17.857	17.834	17.891	HH	61167	1321837	28.57%	0.268%
524	17.895	17.891	17.920	HH	27572	480334	10.38%	0.097%
525	17.950	17.920	17.997	HH	49665	1533055	33.14%	0.311%
526	18.023	17.997	18.046	HH	33195	880121	19.02%	0.178%
527	18.051	18.046	18.056	HH	28842	166138	3.59%	0.034%
528	18.060	18.056	18.068	HH	28828	215627	4.66%	0.044%
529	18.082	18.068	18.094	HH	29026	445735	9.64%	0.090%
530	18.112	18.094	18.146	HH	32112	926935	20.04%	0.188%
531	18.159	18.146	18.163	HH	28024	291604	6.30%	0.059%
532	18.203	18.163	18.227	HH	35942	1204649	26.04%	0.244%
533	18.278	18.227	18.344	HH	48170	2478056	53.57%	0.502%
534	18.360	18.344	18.366	HH	31476	413967	8.95%	0.084%
535	18.378	18.366	18.443	HH	31936	1393426	30.12%	0.282%
536	18.449	18.443	18.457	HH	28870	245079	5.30%	0.050%
537	18.461	18.457	18.465	HH	28860	129666	2.80%	0.026%
538	18.477	18.465	18.486	HH	29212	363242	7.85%	0.074%
539	18.491	18.486	18.502	HH	29191	291733	6.31%	0.059%
540	18.533	18.502	18.562	HH	30083	1065634	23.03%	0.216%
541	18.591	18.562	18.633	HH	30773	1267323	27.39%	0.257%
542	18.637	18.633	18.641	HH	29253	146168	3.16%	0.030%
543	18.686	18.641	18.742	HH	49709	2083640	45.04%	0.422%
544	18.792	18.742	18.845	HH	43578	2051280	44.34%	0.416%
545	18.895	18.845	18.912	HH	31399	1254495	27.12%	0.254%
546	18.944	18.912	18.973	HH	31486	1145327	24.76%	0.232%
547	19.006	18.973	19.010	HH	31783	700667	15.15%	0.142%
548	19.027	19.010	19.043	HH	32379	631461	13.65%	0.128%
549	19.084	19.043	19.099	HH	42104	1193791	25.81%	0.242%
550	19.107	19.099	19.166	HH	37316	1441248	31.15%	0.292%
551	19.175	19.166	19.181	HH	33581	283343	6.12%	0.057%
552	19.191	19.181	19.208	HH	34033	553197	11.96%	0.112%
553	19.213	19.208	19.221	HH	33872	258850	5.60%	0.052%
554	19.245	19.221	19.257	HH	35309	752073	16.26%	0.152%
555	19.273	19.257	19.314	HH	34748	1154766	24.96%	0.234%
556	19.331	19.314	19.348	HH	33454	674238	14.57%	0.137%
557	19.353	19.348	19.361	HH	33246	269915	5.83%	0.055%
558	19.376	19.361	19.390	HH	33554	572929	12.38%	0.116%
559	19.393	19.390	19.406	HH	33419	312819	6.76%	0.063%
560	19.428	19.406	19.443	HH	33964	761090	16.45%	0.154%
561	19.469	19.443	19.498	HH	42896	1207357	26.10%	0.245%

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562	19.503	19.498	19.534	HH	34074	739702	15.99%	0.150%
563	19.544	19.534	19.555	HH	33927	423445	9.15%	0.086%
564	19.580	19.555	19.646	HH	40954	1997698	43.18%	0.405%
565	19.673	19.646	19.683	HH	35770	774399	16.74%	0.157%
566	19.702	19.683	19.733	HH	36326	1071815	23.17%	0.217%
567	19.757	19.733	19.780	HH	37410	1027907	22.22%	0.208%
568	19.784	19.780	19.790	HH	35706	196145	4.24%	0.040%
569	19.807	19.790	19.817	HH	35906	596181	12.89%	0.121%
570	19.844	19.817	19.853	HH	41838	843540	18.23%	0.171%
571	19.860	19.853	19.925	HH	41189	1649635	35.66%	0.334%
572	19.952	19.925	19.973	HH	37334	1066785	23.06%	0.216%
573	19.981	19.973	19.984	HH	36997	243901	5.27%	0.049%
574	19.993	19.984	19.997	HH	37164	283185	6.12%	0.057%
575	20.019	19.997	20.025	HH	37270	614665	13.29%	0.125%
576	20.034	20.025	20.042	HH	37342	392583	8.49%	0.080%
577	20.101	20.042	20.141	HH	38777	2247469	48.58%	0.455%
578	20.208	20.141	20.226	HH	43164	2035800	44.01%	0.413%
579	20.246	20.226	20.269	HH	40780	1026044	22.18%	0.208%
580	20.327	20.269	20.347	HH	40579	1857205	40.15%	0.376%
581	20.383	20.347	20.411	HH	40935	1542372	33.34%	0.313%
582	20.438	20.411	20.458	HH	40513	1150865	24.88%	0.233%
583	20.484	20.458	20.512	HH	40779	1317743	28.48%	0.267%
584	20.566	20.512	20.584	HH	42952	1769954	38.26%	0.359%
585	20.589	20.584	20.636	HH	41652	1301307	28.13%	0.264%
586	20.648	20.636	20.671	HH	41209	854251	18.47%	0.173%
587	20.677	20.671	20.682	HH	41166	286290	6.19%	0.058%
588	20.689	20.682	20.694	HH	41151	287677	6.22%	0.058%
589	20.699	20.694	20.705	HH	41143	267158	5.77%	0.054%
590	20.734	20.705	20.786	HH	43067	2026775	43.81%	0.411%
591	20.789	20.786	20.797	HH	41146	287466	6.21%	0.058%
592	20.802	20.797	20.817	HH	41218	477024	10.31%	0.097%
593	20.834	20.817	20.841	HH	41114	589711	12.75%	0.120%
594	20.846	20.841	20.851	HH	41121	246175	5.32%	0.050%
595	20.857	20.851	20.863	HH	41071	310160	6.70%	0.063%
596	20.867	20.863	20.876	HH	41063	304726	6.59%	0.062%
597	20.879	20.876	20.889	HH	40938	327094	7.07%	0.066%
598	20.909	20.889	20.913	HH	41313	596420	12.89%	0.121%
599	20.923	20.913	20.928	HH	41379	371811	8.04%	0.075%
600	20.957	20.928	21.011	HH	43119	2091759	45.22%	0.424%
601	21.022	21.011	21.063	HH	41320	1275650	27.57%	0.259%
602	21.070	21.063	21.075	HH	41116	287381	6.21%	0.058%
603	21.079	21.075	21.088	HH	41078	328098	7.09%	0.066%
604	21.126	21.088	21.136	HH	41276	1183091	25.57%	0.240%
605	21.141	21.136	21.146	HH	41179	232349	5.02%	0.047%
606	21.156	21.146	21.175	HH	41234	737749	15.95%	0.150%
607	21.180	21.175	21.201	HH	41162	642510	13.89%	0.130%
608	21.205	21.201	21.211	HH	41076	245945	5.32%	0.050%
609	21.222	21.211	21.230	HH	41051	444670	9.61%	0.090%
610	21.240	21.230	21.246	HH	41104	392921	8.49%	0.080%
611	21.282	21.246	21.328	HH	42746	2061457	44.56%	0.418%
612	21.331	21.328	21.341	HH	40827	305813	6.61%	0.062%
613	21.356	21.341	21.366	HH	40896	611823	13.23%	0.124%
614	21.399	21.366	21.440	HH	41871	1830541	39.57%	0.371%

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615	21.451	21.440	21.456	HH	40778	386885	8.36%	0.078%
616	21.468	21.456	21.496	HH	40779	976258	21.10%	0.198%
617	21.500	21.496	21.508	HH	40614	292274	6.32%	0.059%
618	21.525	21.508	21.532	HH	40771	593952	12.84%	0.120%
619	21.537	21.532	21.551	HH	40812	476587	10.30%	0.097%
620	21.558	21.551	21.564	HH	40863	305895	6.61%	0.062%
621	21.575	21.564	21.580	HH	40843	401553	8.68%	0.081%
622	21.586	21.580	21.591	HH	40908	271603	5.87%	0.055%
623	21.597	21.591	21.609	HH	40913	429026	9.27%	0.087%
624	21.615	21.609	21.619	HH	40885	244924	5.29%	0.050%
625	21.643	21.619	21.676	HH	41026	1390079	30.05%	0.282%
626	21.680	21.676	21.687	HH	40754	285089	6.16%	0.058%
627	21.699	21.687	21.718	HH	40833	753944	16.30%	0.153%
628	21.735	21.718	21.749	HH	40693	762622	16.48%	0.155%
629	21.758	21.749	21.771	HH	40777	537210	11.61%	0.109%
630	21.777	21.771	21.815	HH	40781	1056962	22.85%	0.214%
631	21.817	21.815	21.822	HH	40552	164276	3.55%	0.033%
632	21.827	21.822	21.831	HH	40572	240927	5.21%	0.049%
633	21.842	21.831	21.846	HH	40643	356614	7.71%	0.072%
634	21.893	21.846	21.988	HH	44899	3581862	77.43%	0.726%
635	21.991	21.988	22.011	HH	40540	566965	12.26%	0.115%
636	22.017	22.011	22.021	HH	40619	223031	4.82%	0.045%
637	22.051	22.021	22.064	HH	40747	1057838	22.87%	0.214%
638	22.069	22.064	22.082	HH	40527	443309	9.58%	0.090%
639	22.087	22.082	22.094	HH	40529	283453	6.13%	0.057%
640	22.105	22.094	22.128	HH	40587	830565	17.95%	0.168%
641	22.135	22.128	22.142	HH	40496	344041	7.44%	0.070%
642	22.146	22.142	22.151	HH	40508	206754	4.47%	0.042%
643	22.174	22.151	22.200	HH	40634	1203314	26.01%	0.244%
644	22.207	22.200	22.211	HH	40467	269873	5.83%	0.055%
645	22.215	22.211	22.231	HH	40449	475925	10.29%	0.096%
646	22.238	22.231	22.267	HH	40513	878165	18.98%	0.178%
647	22.276	22.267	22.286	HH	40397	443646	9.59%	0.090%
648	22.297	22.286	22.310	HH	40389	584690	12.64%	0.118%
649	22.334	22.310	22.346	HH	40623	868082	18.76%	0.176%
650	22.350	22.346	22.364	HH	40561	448230	9.69%	0.091%
651	22.372	22.364	22.397	HH	40606	794120	17.17%	0.161%
652	22.413	22.397	22.423	HH	40632	641902	13.88%	0.130%
653	22.459	22.423	22.489	HH	41145	1616421	34.94%	0.328%
654	22.493	22.489	22.510	HH	40675	521747	11.28%	0.106%
655	22.532	22.510	22.551	HH	40649	983011	21.25%	0.199%
656	22.556	22.551	22.562	HH	40590	265150	5.73%	0.054%
657	22.565	22.562	22.589	HH	40564	671337	14.51%	0.136%
658	22.598	22.589	22.603	HH	40505	323612	7.00%	0.066%
659	22.610	22.603	22.629	HH	40464	633517	13.69%	0.128%
660	22.705	22.629	22.747	HH	41863	2907447	62.85%	0.589%
661	22.752	22.747	22.770	HH	40656	576367	12.46%	0.117%
662	22.777	22.770	22.809	HH	40690	930130	20.11%	0.189%
663	22.816	22.809	22.855	HH	40489	1109345	23.98%	0.225%
664	22.864	22.855	22.876	HH	40323	522781	11.30%	0.106%
665	22.881	22.876	22.891	HH	40315	352030	7.61%	0.071%
666	22.917	22.891	22.921	HH	40306	737845	15.95%	0.150%

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667	22.938	22.921	22.953	HH	40345	757992	16.38%	0.154%
668	22.961	22.953	22.978	HH	40353	605893	13.10%	0.123%
669	22.983	22.978	22.989	HH	40308	270763	5.85%	0.055%
670	22.997	22.989	23.005	HH	40353	393324	8.50%	0.080%
671	23.016	23.005	23.027	HH	40338	514760	11.13%	0.104%
672	23.036	23.027	23.041	HH	40260	346380	7.49%	0.070%
673	23.048	23.041	23.063	HH	40285	528123	11.42%	0.107%
674	23.105	23.063	23.148	HH	40729	2065356	44.64%	0.419%
675	23.158	23.148	23.215	HH	40464	1630424	35.24%	0.330%
676	23.229	23.215	23.236	HH	40344	500509	10.82%	0.101%
677	23.242	23.236	23.258	HH	40282	539404	11.66%	0.109%
678	23.264	23.258	23.274	HH	40257	389449	8.42%	0.079%
679	23.277	23.274	23.324	HH	40287	1206448	26.08%	0.245%
680	23.328	23.324	23.342	HH	40213	427290	9.24%	0.087%
681	23.349	23.342	23.401	HH	40255	1427134	30.85%	0.289%
682	23.408	23.401	23.416	HH	40137	342467	7.40%	0.069%
683	23.421	23.416	23.428	HH	40178	303509	6.56%	0.062%
684	23.437	23.428	23.441	HH	40065	308443	6.67%	0.063%
685	23.458	23.441	23.475	HH	40199	811558	17.54%	0.164%
686	23.484	23.475	23.489	HH	40177	351327	7.59%	0.071%
687	23.494	23.489	23.507	HH	40145	420186	9.08%	0.085%
688	23.522	23.507	23.528	HH	40094	506310	10.94%	0.103%
689	23.533	23.528	23.537	HH	40073	206449	4.46%	0.042%
690	23.541	23.537	23.546	HH	40076	228531	4.94%	0.046%
691	23.568	23.546	23.572	HH	40203	629925	13.62%	0.128%
692	23.577	23.572	23.588	HH	40196	373304	8.07%	0.076%
693	23.643	23.588	23.701	HH	41038	2758360	59.62%	0.559%
694	23.706	23.701	23.724	HH	40167	562415	12.16%	0.114%
695	23.728	23.724	23.741	HH	40054	398648	8.62%	0.081%
696	23.749	23.741	23.753	HH	40052	280767	6.07%	0.057%
697	23.764	23.753	23.793	HH	40118	959360	20.74%	0.194%
698	23.798	23.793	23.808	HH	40081	364434	7.88%	0.074%
699	23.869	23.808	23.896	HH	40276	2114825	45.71%	0.429%
700	23.903	23.896	23.928	HH	40194	768716	16.62%	0.156%
701	23.933	23.928	23.948	HH	40136	480915	10.40%	0.097%
702	23.954	23.948	23.991	HH	40090	1039256	22.46%	0.211%
703	23.997	23.991	24.002	HH	39967	259143	5.60%	0.053%
704	24.012	24.002	24.034	HH	40019	768717	16.62%	0.156%
705	24.049	24.034	24.068	HH	39962	810688	17.52%	0.164%
706	24.073	24.068	24.076	HH	39967	201277	4.35%	0.041%
707	24.082	24.076	24.109	HH	40019	780427	16.87%	0.158%
708	24.122	24.109	24.129	HH	39958	492612	10.65%	0.100%
709	24.153	24.129	24.165	HH	39979	863799	18.67%	0.175%
710	24.170	24.165	24.183	HH	39959	413021	8.93%	0.084%
711	24.197	24.183	24.213	HH	39890	727632	15.73%	0.147%
712	24.217	24.213	24.233	HH	39861	471066	10.18%	0.095%
713	24.239	24.233	24.247	HH	39894	338182	7.31%	0.069%
714	24.251	24.247	24.255	HH	39908	199274	4.31%	0.040%
715	24.265	24.255	24.271	HH	39927	385081	8.32%	0.078%
716	24.283	24.271	24.288	HH	39956	384138	8.30%	0.078%
717	24.293	24.288	24.324	HH	39944	882741	19.08%	0.179%
718	24.331	24.324	24.354	HH	39984	706581	15.27%	0.143%
719	24.372	24.354	24.378	HH	39931	583307	12.61%	0.118%

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720	24.382	24.378	24.398	HH	39929	464062	10.03%	0.094%
721	24.412	24.398	24.419	HH	39913	505653	10.93%	0.102%
722	24.426	24.419	24.446	HH	39942	640135	13.84%	0.130%
723	24.453	24.446	24.465	HH	39964	454922	9.83%	0.092%
724	24.475	24.465	24.504	HH	39995	953496	20.61%	0.193%
725	24.514	24.504	24.526	HH	39847	506084	10.94%	0.103%
726	24.530	24.526	24.540	HH	39850	337931	7.30%	0.068%
727	24.548	24.540	24.557	HH	39791	414051	8.95%	0.084%
728	24.566	24.557	24.579	HH	39842	531765	11.49%	0.108%
729	24.585	24.579	24.589	HH	39793	231780	5.01%	0.047%
730	24.594	24.589	24.599	HH	39848	231271	5.00%	0.047%
731	24.608	24.599	24.622	HH	39921	562230	12.15%	0.114%
732	24.628	24.622	24.632	HH	39811	222702	4.81%	0.045%
733	24.636	24.632	24.641	HH	39816	219724	4.75%	0.045%
734	24.648	24.641	24.653	HH	39762	282850	6.11%	0.057%
735	24.658	24.653	24.665	HH	39824	288458	6.24%	0.058%
736	24.745	24.665	24.824	HH	48199	4148120	89.67%	0.841%
737	24.829	24.824	24.852	HH	40496	657580	14.21%	0.133%
738	24.859	24.852	24.882	HH	40241	727094	15.72%	0.147%
739	24.886	24.882	24.890	HH	40055	196862	4.26%	0.040%
740	24.903	24.890	24.946	HH	40052	1344170	29.06%	0.272%
741	24.949	24.946	24.961	HH	39859	358530	7.75%	0.073%
742	24.975	24.961	24.982	HH	39890	492992	10.66%	0.100%
743	24.998	24.982	25.007	HH	39837	596917	12.90%	0.121%
744	25.013	25.007	25.044	HH	39865	897925	19.41%	0.182%
745	25.055	25.044	25.081	HH	39803	869237	18.79%	0.176%
746	25.092	25.081	25.096	HH	39748	365125	7.89%	0.074%
747	25.100	25.096	25.111	HH	39725	355432	7.68%	0.072%
748	25.116	25.111	25.136	HH	39687	593871	12.84%	0.120%
749	25.148	25.136	25.171	HH	39724	827856	17.89%	0.168%
750	25.178	25.171	25.201	HHA	39735	738266	15.96%	0.150%

Sum of corrected areas: 493412023

C44-FE010418.M Thu Jan 25 11:56:15 2018 RPT-1