

Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE012918\
 Data File : FE025971.D
 Signal(s) : FID1B.CH
 Acq On : 30 Jan 2018 00:11
 Sample : J1326-01 50X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE012918.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.414	2.400	2.420	BH	63	-863	-0.00%	-0.000%
2	2.432	2.420	2.438	PH	2	-1036	-0.01%	-0.000%
3	2.462	2.438	2.479	PH	1456	10490	0.06%	0.001%
4	2.486	2.479	2.504	PH	185	290	0.00%	0.000%
5	2.508	2.504	2.520	PH	5	-880	-0.00%	-0.000%
6	2.528	2.520	2.534	PH	4	-357	-0.00%	-0.000%
7	2.540	2.534	2.545	PH	-6	-482	-0.00%	-0.000%
8	2.549	2.545	2.555	PH	-10	-498	-0.00%	-0.000%
9	2.561	2.555	2.598	PH	121	-998	-0.01%	-0.000%
10	2.603	2.598	2.612	PH	-60	-926	-0.00%	-0.000%
11	2.620	2.612	2.628	PH	37	-361	-0.00%	-0.000%
12	2.633	2.628	2.650	PH	31	-1106	-0.01%	-0.000%
13	2.656	2.650	2.660	PH	125	-80	-0.00%	-0.000%
14	2.677	2.660	2.683	PH	273	1699	0.01%	0.000%
15	2.687	2.683	2.696	HH	171	676	0.00%	0.000%
16	2.716	2.696	2.743	PH	986	13954	0.07%	0.001%
17	2.750	2.743	2.755	HH	398	1519	0.01%	0.000%
18	2.760	2.755	2.797	HH	313	5212	0.03%	0.001%
19	2.812	2.797	2.838	HH	385	6201	0.03%	0.001%
20	2.858	2.838	2.863	HH	309	2816	0.01%	0.000%
21	2.871	2.863	2.877	HH	399	2093	0.01%	0.000%
22	2.884	2.877	2.899	HH	283	3131	0.02%	0.000%
23	2.904	2.899	2.909	HH	228	1113	0.01%	0.000%
24	2.928	2.909	2.935	HH	601	6022	0.03%	0.001%
25	2.957	2.935	2.962	HH	395	5025	0.03%	0.001%
26	2.968	2.962	2.980	HH	467	3801	0.02%	0.000%
27	2.999	2.980	3.006	HH	496	5633	0.03%	0.001%
28	3.011	3.006	3.019	HH	472	3189	0.02%	0.000%
29	3.027	3.019	3.034	HH	698	5006	0.03%	0.001%
30	3.040	3.034	3.052	HH	781	6912	0.04%	0.001%
31	3.058	3.052	3.066	HH	625	4477	0.02%	0.000%
32	3.093	3.066	3.099	HH	699	11733	0.06%	0.001%
33	3.103	3.099	3.108	HH	696	3111	0.02%	0.000%
34	3.115	3.108	3.120	HH	651	3825	0.02%	0.000%
35	3.124	3.120	3.138	HH	612	4653	0.02%	0.000%
36	3.149	3.138	3.155	HH	547	5167	0.03%	0.001%

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37	3.168	3.155	3.178	HH	838	8823	0.05%	0.001%
38	3.197	3.178	3.208	HH	836	11483	0.06%	0.001%
39	3.221	3.208	3.234	HH	772	9971	0.05%	0.001%
40	3.248	3.234	3.252	HH	902	7931	0.04%	0.001%
41	3.256	3.252	3.261	HH	895	4543	0.02%	0.000%
42	3.284	3.261	3.298	HH	1394	21056	0.11%	0.002%
43	3.305	3.298	3.327	HH	1014	13452	0.07%	0.001%
44	3.330	3.327	3.340	HH	786	5286	0.03%	0.001%
45	3.349	3.340	3.353	HH	771	5269	0.03%	0.001%
46	3.357	3.353	3.361	HH	741	3537	0.02%	0.000%
47	3.365	3.361	3.372	HH	755	4401	0.02%	0.000%
48	3.377	3.372	3.391	HH	787	8075	0.04%	0.001%
49	3.407	3.391	3.412	HH	929	9004	0.05%	0.001%
50	3.432	3.412	3.439	HH	913	13100	0.07%	0.001%
51	3.459	3.439	3.489	HH	2022	41248	0.22%	0.004%
52	3.504	3.489	3.526	HH	1221	22422	0.12%	0.002%
53	3.536	3.526	3.559	HH	910	16867	0.09%	0.002%
54	3.568	3.559	3.573	HH	1033	7115	0.04%	0.001%
55	3.583	3.573	3.589	HH	989	9412	0.05%	0.001%
56	3.603	3.589	3.624	HH	1514	24082	0.13%	0.002%
57	3.635	3.624	3.639	HH	1138	9101	0.05%	0.001%
58	3.644	3.639	3.654	HH	1135	9074	0.05%	0.001%
59	3.661	3.654	3.669	HH	1007	8147	0.04%	0.001%
60	3.691	3.669	3.705	HH	1352	23890	0.13%	0.002%
61	3.720	3.705	3.743	HH	2168	33692	0.18%	0.003%
62	3.751	3.743	3.766	HH	1772	20301	0.11%	0.002%
63	3.770	3.766	3.780	HH	1287	10345	0.05%	0.001%
64	3.784	3.780	3.789	HH	1214	6319	0.03%	0.001%
65	3.801	3.789	3.807	HH	1228	12046	0.06%	0.001%
66	3.818	3.807	3.828	HH	1238	15144	0.08%	0.002%
67	3.837	3.828	3.842	HH	1401	10276	0.05%	0.001%
68	3.851	3.842	3.867	HH	1392	19135	0.10%	0.002%
69	3.872	3.867	3.879	HH	1249	8554	0.05%	0.001%
70	3.891	3.879	3.900	HH	1504	16800	0.09%	0.002%
71	3.918	3.900	3.937	HH	1444	29998	0.16%	0.003%
72	3.951	3.937	3.956	HH	1582	16531	0.09%	0.002%
73	3.962	3.956	3.969	HH	1498	10699	0.06%	0.001%
74	3.974	3.969	3.977	HH	1457	6984	0.04%	0.001%
75	3.987	3.977	3.997	HH	1657	18416	0.10%	0.002%
76	4.007	3.997	4.020	HH	1676	22161	0.12%	0.002%
77	4.055	4.020	4.059	HH	1924	38697	0.20%	0.004%
78	4.064	4.059	4.085	HH	1908	26862	0.14%	0.003%
79	4.116	4.085	4.131	HH	1881	46201	0.24%	0.005%
80	4.148	4.131	4.155	HH	2057	27066	0.14%	0.003%
81	4.160	4.155	4.171	HH	2010	18267	0.10%	0.002%
82	4.182	4.171	4.192	HH	2118	25065	0.13%	0.003%
83	4.212	4.192	4.243	HH	2084	57570	0.30%	0.006%
84	4.251	4.243	4.257	HH	1871	14739	0.08%	0.002%
85	4.279	4.257	4.283	HH	2327	30780	0.16%	0.003%
86	4.319	4.283	4.349	HH	3347	102310	0.54%	0.010%
87	4.357	4.349	4.371	HH	2494	30683	0.16%	0.003%
88	4.380	4.371	4.398	HH	2170	32392	0.17%	0.003%
89	4.415	4.398	4.423	HH	2353	32165	0.17%	0.003%

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90	4.426	4.423	4.447	HH	2485	34475	0.18%	0.004%
91	4.468	4.447	4.493	HH	2557	64144	0.34%	0.007%
92	4.516	4.493	4.551	HH	5107	112474	0.59%	0.012%
93	4.555	4.551	4.572	HH	2520	30733	0.16%	0.003%
94	4.598	4.572	4.638	HH	3311	108210	0.57%	0.011%
95	4.656	4.638	4.668	HH	2731	44659	0.24%	0.005%
96	4.674	4.668	4.687	HH	2680	29362	0.16%	0.003%
97	4.712	4.687	4.727	HH	3653	72966	0.39%	0.007%
98	4.734	4.727	4.751	HH	2985	41884	0.22%	0.004%
99	4.763	4.751	4.781	HH	2854	49389	0.26%	0.005%
100	4.797	4.781	4.816	HH	3501	61482	0.32%	0.006%
101	4.831	4.816	4.836	HH	3030	33108	0.17%	0.003%
102	4.847	4.836	4.854	HH	3087	33264	0.18%	0.003%
103	4.859	4.854	4.869	HH	3102	25732	0.14%	0.003%
104	4.893	4.869	4.905	HH	3039	60670	0.32%	0.006%
105	4.923	4.905	4.945	HH	3132	71946	0.38%	0.007%
106	4.951	4.945	4.959	HH	2941	24713	0.13%	0.003%
107	4.963	4.959	4.968	HH	2918	14331	0.08%	0.001%
108	4.989	4.968	5.019	HH	4772	112873	0.60%	0.012%
109	5.032	5.019	5.052	HH	3370	61094	0.32%	0.006%
110	5.067	5.052	5.071	HH	3178	35624	0.19%	0.004%
111	5.076	5.071	5.088	HH	3235	30212	0.16%	0.003%
112	5.105	5.088	5.110	HH	3230	39308	0.21%	0.004%
113	5.121	5.110	5.130	HH	3383	39579	0.21%	0.004%
114	5.138	5.130	5.148	HH	3400	35733	0.19%	0.004%
115	5.160	5.148	5.172	HH	3289	45744	0.24%	0.005%
116	5.203	5.172	5.215	HH	4081	91481	0.48%	0.009%
117	5.231	5.215	5.244	HH	6092	83335	0.44%	0.009%
118	5.257	5.244	5.292	HH	4154	113818	0.60%	0.012%
119	5.320	5.292	5.334	HH	3780	89015	0.47%	0.009%
120	5.351	5.334	5.364	HH	4097	67061	0.35%	0.007%
121	5.381	5.364	5.400	HH	4242	85665	0.45%	0.009%
122	5.414	5.400	5.421	HH	4300	52211	0.28%	0.005%
123	5.438	5.421	5.485	HH	9198	212805	1.12%	0.022%
124	5.498	5.485	5.523	HH	4507	93977	0.50%	0.010%
125	5.549	5.523	5.563	HH	6961	124358	0.66%	0.013%
126	5.578	5.563	5.592	HH	6205	92455	0.49%	0.009%
127	5.607	5.592	5.645	HH	8065	172010	0.91%	0.018%
128	5.649	5.645	5.653	HH	4246	18800	0.10%	0.002%
129	5.674	5.653	5.690	HH	4844	100643	0.53%	0.010%
130	5.696	5.690	5.709	HH	4461	48820	0.26%	0.005%
131	5.737	5.709	5.765	HH	7505	189073	1.00%	0.019%
132	5.770	5.765	5.775	HH	4848	29043	0.15%	0.003%
133	5.791	5.775	5.804	HH	5489	90909	0.48%	0.009%
134	5.810	5.804	5.825	HH	5236	62347	0.33%	0.006%
135	5.844	5.825	5.857	HH	5642	101283	0.54%	0.010%
136	5.863	5.857	5.892	HH	5666	112542	0.59%	0.012%
137	5.923	5.892	5.929	HH	5888	124712	0.66%	0.013%
138	5.947	5.929	5.982	HH	8327	211734	1.12%	0.022%
139	5.997	5.982	6.011	HH	5639	95406	0.50%	0.010%
140	6.061	6.011	6.087	HH	11241	321392	1.70%	0.033%
141	6.095	6.087	6.116	HH	6815	108592	0.57%	0.011%

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142	6.121	6.116	6.130	HH	6032	50115	0.26%	0.005%
143	6.146	6.130	6.153	HH	7415	95726	0.51%	0.010%
144	6.163	6.153	6.175	HH	7528	95098	0.50%	0.010%
145	6.193	6.175	6.223	HH	10305	226473	1.20%	0.023%
146	6.241	6.223	6.256	HH	10832	174595	0.92%	0.018%
147	6.268	6.256	6.276	HH	8243	98432	0.52%	0.010%
148	6.290	6.276	6.318	HH	9109	199590	1.05%	0.020%
149	6.336	6.318	6.355	HH	10667	194328	1.03%	0.020%
150	6.370	6.355	6.388	HH	8080	149003	0.79%	0.015%
151	6.405	6.388	6.421	HH	8182	151260	0.80%	0.015%
152	6.455	6.421	6.468	HH	10581	260197	1.37%	0.027%
153	6.484	6.468	6.515	HH	13266	302161	1.60%	0.031%
154	6.527	6.515	6.550	HH	11638	201948	1.07%	0.021%
155	6.578	6.550	6.605	HH	11187	302104	1.60%	0.031%
156	6.621	6.605	6.633	HH	12147	173349	0.92%	0.018%
157	6.637	6.633	6.651	HH	10411	106939	0.57%	0.011%
158	6.682	6.651	6.699	HH	12289	300331	1.59%	0.031%
159	6.721	6.699	6.738	HH	11812	243078	1.28%	0.025%
160	6.746	6.738	6.762	HH	9939	141681	0.75%	0.015%
161	6.789	6.762	6.816	HH	12232	341706	1.81%	0.035%
162	6.853	6.816	6.870	HH	13747	378526	2.00%	0.039%
163	6.891	6.870	6.907	HH	13136	260072	1.37%	0.027%
164	6.928	6.907	6.940	HH	13801	245631	1.30%	0.025%
165	6.953	6.940	6.971	HH	15683	263653	1.39%	0.027%
166	6.989	6.971	7.009	HH	16683	328401	1.74%	0.034%
167	7.027	7.009	7.037	HH	14461	224131	1.18%	0.023%
168	7.048	7.037	7.062	HH	15198	224403	1.19%	0.023%
169	7.087	7.062	7.109	HH	17540	434693	2.30%	0.044%
170	7.143	7.109	7.158	HH	16322	438307	2.32%	0.045%
171	7.182	7.158	7.200	HH	20818	437505	2.31%	0.045%
172	7.209	7.200	7.216	HH	16407	163401	0.86%	0.017%
173	7.241	7.216	7.272	HH	19300	575045	3.04%	0.059%
174	7.282	7.272	7.295	HH	15543	200039	1.06%	0.020%
175	7.352	7.342	7.366	HH	19203	259788	1.37%	0.027%
176	7.375	7.366	7.390	HH	17607	235680	1.25%	0.024%
177	7.416	7.390	7.432	HH	19654	444562	2.35%	0.045%
178	7.453	7.432	7.492	HH	27445	832865	4.40%	0.085%
179	7.506	7.492	7.531	HH	23554	507211	2.68%	0.052%
180	7.540	7.531	7.552	HH	21290	258370	1.37%	0.026%
181	7.561	7.552	7.567	HH	20534	191209	1.01%	0.020%
182	7.580	7.567	7.590	HH	21335	284241	1.50%	0.029%
183	7.605	7.590	7.608	HH	23236	228076	1.21%	0.023%
184	7.620	7.608	7.628	HH	24455	278742	1.47%	0.029%
185	7.641	7.628	7.656	HH	26659	416664	2.20%	0.043%
186	7.667	7.656	7.693	HH	24585	520519	2.75%	0.053%
187	7.708	7.693	7.720	HH	24846	368775	1.95%	0.038%
188	7.741	7.720	7.771	HH	34014	824529	4.36%	0.084%
189	7.787	7.771	7.816	HH	25405	642030	3.39%	0.066%
190	7.834	7.816	7.855	HH	29404	604410	3.19%	0.062%
191	7.884	7.855	7.897	HH	34447	764382	4.04%	0.078%
192	7.908	7.897	7.916	HH	30356	337518	1.78%	0.035%
193	7.933	7.916	7.955	HH	32323	686783	3.63%	0.070%
194	7.981	7.955	7.993	HH	30941	679685	3.59%	0.070%

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195	8.023	7.993	8.042	HH	34450	925569	4.89%	0.095%
196	8.059	8.042	8.086	HH	49729	1046808	5.53%	0.107%
197	8.096	8.086	8.111	HH	34680	493010	2.61%	0.050%
198	8.128	8.111	8.153	HH	39624	923988	4.88%	0.095%
199	8.166	8.153	8.183	HH	36043	608585	3.22%	0.062%
200	8.204	8.183	8.231	HH	41344	1095280	5.79%	0.112%
201	8.248	8.231	8.278	HH	39732	1058515	5.59%	0.108%
202	8.319	8.278	8.347	HH	54800	1812045	9.58%	0.185%
203	8.356	8.347	8.364	HH	41404	418377	2.21%	0.043%
204	8.371	8.364	8.383	HH	41401	449659	2.38%	0.046%
205	8.401	8.383	8.418	HH	47915	950265	5.02%	0.097%
206	8.452	8.418	8.469	HH	225837	2909397	15.37%	0.298%
207	8.483	8.469	8.516	HH	98284	1843192	9.74%	0.189%
208	8.560	8.516	8.577	HH	60017	1943046	10.27%	0.199%
209	8.587	8.577	8.601	HH	57237	765866	4.05%	0.078%
210	8.611	8.601	8.640	HH	52363	1136868	6.01%	0.116%
211	8.674	8.640	8.691	HH	52859	1491444	7.88%	0.153%
212	8.710	8.691	8.735	HH	73332	1602406	8.47%	0.164%
213	8.746	8.735	8.753	HH	58600	633422	3.35%	0.065%
214	8.777	8.753	8.797	HH	112268	2083984	11.01%	0.213%
215	8.815	8.797	8.830	HH	83504	1438924	7.60%	0.147%
216	8.846	8.830	8.873	HH	104886	2097709	11.08%	0.215%
217	8.888	8.873	8.901	HH	65785	1045072	5.52%	0.107%
218	8.907	8.901	8.915	HH	65911	551474	2.91%	0.056%
219	8.949	8.915	8.963	HH	86341	2179251	11.52%	0.223%
220	8.977	8.963	8.990	HH	85322	1250670	6.61%	0.128%
221	9.001	8.990	9.005	HH	75387	674870	3.57%	0.069%
222	9.016	9.005	9.035	HH	77291	1317866	6.96%	0.135%
223	9.065	9.035	9.077	HH	88524	1934174	10.22%	0.198%
224	9.086	9.077	9.107	HH	81876	1405549	7.43%	0.144%
225	9.128	9.107	9.135	HH	81044	1313940	6.94%	0.134%
226	9.139	9.135	9.152	HH	78792	789946	4.17%	0.081%
227	9.161	9.152	9.173	HH	79755	986006	5.21%	0.101%
228	9.194	9.173	9.205	HH	89084	1598995	8.45%	0.164%
229	9.221	9.205	9.240	HH	104400	1984713	10.49%	0.203%
230	9.247	9.240	9.258	HH	84721	897367	4.74%	0.092%
231	9.284	9.258	9.298	HH	93119	2109270	11.15%	0.216%
232	9.307	9.298	9.318	HH	88127	994080	5.25%	0.102%
233	9.325	9.318	9.334	HH	86166	835989	4.42%	0.086%
234	9.354	9.334	9.371	HH	107186	2178002	11.51%	0.223%
235	9.392	9.371	9.415	HH	104692	2613877	13.81%	0.268%
236	9.454	9.415	9.480	HH	121581	4248860	22.45%	0.435%
237	9.493	9.480	9.500	HH	115619	1331067	7.03%	0.136%
238	9.512	9.500	9.521	HH	129696	1583957	8.37%	0.162%
239	9.538	9.521	9.572	HH	182296	4015571	21.22%	0.411%
240	9.614	9.572	9.631	HH	142462	4595397	24.28%	0.470%
241	9.638	9.631	9.658	HH	129749	1982434	10.48%	0.203%
242	9.673	9.658	9.692	HH	133552	2602139	13.75%	0.266%
243	9.703	9.692	9.733	HH	140582	3390397	17.92%	0.347%
244	9.741	9.733	9.753	HH	136180	1534184	8.11%	0.157%
245	9.766	9.753	9.778	HH	155874	2258626	11.94%	0.231%
246	9.785	9.778	9.807	HH	145337	2423241	12.81%	0.248%

rteres.txt								
247	9.836	9.807	9.857	HH	154001	4448597	23.51%	0.455%
248	9.898	9.857	9.912	HH	168740	5176537	27.35%	0.530%
249	9.926	9.912	9.957	HH	164460	4362272	23.05%	0.446%
250	9.979	9.957	9.992	HH	167014	3353095	17.72%	0.343%
251	10.031	9.992	10.044	HH	181357	5375587	28.41%	0.550%
252	10.050	10.044	10.071	HH	174316	2718059	14.36%	0.278%
253	10.165	10.145	10.180	HH	199021	4033157	21.31%	0.413%
254	10.202	10.180	10.220	HH	215698	4968241	26.25%	0.508%
255	10.246	10.220	10.266	HH	216946	5722661	30.24%	0.586%
256	10.320	10.295	10.340	HH	247491	6329185	33.45%	0.648%
257	10.357	10.340	10.363	HH	236639	3183252	16.82%	0.326%
258	10.446	10.430	10.450	HH	253011	2900942	15.33%	0.297%
259	10.467	10.450	10.481	HH	278396	4908023	25.94%	0.502%
260	10.486	10.481	10.492	HH	258160	1689837	8.93%	0.173%
261	10.556	10.533	10.567	HH	269464	5493928	29.03%	0.562%
262	10.583	10.567	10.618	HH	299990	8387460	44.32%	0.858%
263	10.666	10.618	10.686	HH	300462	11469766	60.61%	1.174%
264	10.691	10.686	10.701	HH	289977	2625216	13.87%	0.269%
265	10.739	10.701	10.761	HH	342251	11515028	60.85%	1.179%
266	10.779	10.761	10.792	HH	320617	5776005	30.52%	0.591%
267	10.809	10.792	10.824	HH	314884	6045533	31.95%	0.619%
268	10.834	10.824	10.853	HH	314082	5286443	27.94%	0.541%
269	10.871	10.853	10.886	HH	320432	6083598	32.15%	0.623%
270	10.907	10.886	10.933	HH	345147	9202719	48.63%	0.942%
271	10.945	10.933	10.964	HH	333685	6022955	31.83%	0.616%
272	11.005	10.964	11.022	HH	340969	11456924	60.54%	1.173%
273	11.045	11.022	11.066	HH	342988	8625487	45.58%	0.883%
274	11.087	11.066	11.093	HH	350213	5695400	30.10%	0.583%
275	11.098	11.093	11.115	HH	351937	4475334	23.65%	0.458%
276	11.127	11.115	11.133	HH	337465	3551581	18.77%	0.363%
277	11.156	11.133	11.168	HH	374032	7378252	38.99%	0.755%
278	11.179	11.168	11.189	HH	369833	4751236	25.11%	0.486%
279	11.203	11.189	11.219	HH	371312	6467483	34.18%	0.662%
280	11.232	11.219	11.249	HH	357742	6331431	33.46%	0.648%
281	11.263	11.249	11.293	HH	363402	9226713	48.76%	0.944%
282	11.310	11.293	11.319	HH	369823	5675233	29.99%	0.581%
283	11.334	11.319	11.342	HH	371058	4954623	26.18%	0.507%
284	11.359	11.342	11.363	HH	385467	4885932	25.82%	0.500%
285	11.370	11.363	11.394	HH	388150	6702116	35.42%	0.686%
286	11.404	11.394	11.423	HH	363978	6173430	32.62%	0.632%
287	11.462	11.423	11.488	HH	403346	14391331	76.05%	1.473%
288	11.508	11.488	11.520	HH	384158	7046391	37.24%	0.721%
289	11.536	11.520	11.553	HH	359190	6971843	36.84%	0.714%
290	11.569	11.553	11.584	HH	357823	6624024	35.00%	0.678%
291	11.602	11.584	11.622	HH	368167	8074053	42.67%	0.826%
292	11.625	11.622	11.630	HH	354081	1710265	9.04%	0.175%
293	11.663	11.630	11.717	HH	377492	18923898	100.00%	1.937%
294	11.721	11.717	11.727	HH	349962	2108584	11.14%	0.216%
295	11.745	11.727	11.763	HH	373095	7855415	41.51%	0.804%
296	11.784	11.763	11.798	HH	367304	7534762	39.82%	0.771%
297	11.823	11.798	11.830	HH	381238	6946182	36.71%	0.711%
298	11.840	11.830	11.855	HH	385806	5704440	30.14%	0.584%
299	11.861	11.855	11.875	HH	375919	4312784	22.79%	0.441%

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300	11.885	11.875	11.914	HH	389011	8899864	47.03%	0.911%
301	11.926	11.914	11.941	HH	375734	5972146	31.56%	0.611%
302	11.961	11.941	11.977	HH	374244	7758770	41.00%	0.794%
303	12.004	11.977	12.010	HH	374596	7381523	39.01%	0.755%
304	12.017	12.010	12.035	HH	376488	5405778	28.57%	0.553%
305	12.041	12.035	12.048	HH	368136	2780793	14.69%	0.285%
306	12.050	12.048	12.089	HH	367009	8791257	46.46%	0.900%
307	12.114	12.089	12.129	HH	354904	8317529	43.95%	0.851%
308	12.151	12.129	12.163	HH	359355	7250079	38.31%	0.742%
309	12.178	12.163	12.205	HH	355387	8612593	45.51%	0.881%
310	12.209	12.205	12.224	HH	335279	3781928	19.98%	0.387%
311	12.244	12.224	12.252	HH	341729	5495349	29.04%	0.562%
312	12.256	12.252	12.271	HH	340599	3871492	20.46%	0.396%
313	12.277	12.271	12.298	HH	342442	5524713	29.19%	0.565%
314	12.320	12.298	12.337	HH	343024	7922086	41.86%	0.811%
315	12.342	12.337	12.346	HH	339238	1838332	9.71%	0.188%
316	12.355	12.346	12.366	HH	340753	3903227	20.63%	0.399%
317	12.379	12.366	12.396	HH	340701	5960516	31.50%	0.610%
318	12.426	12.396	12.441	HH	337912	8808643	46.55%	0.902%
319	12.451	12.441	12.464	HH	342061	4691406	24.79%	0.480%
320	12.474	12.464	12.495	HH	333493	5954830	31.47%	0.609%
321	12.513	12.495	12.521	HH	319252	4770399	25.21%	0.488%
322	12.538	12.521	12.550	HH	324443	5546415	29.31%	0.568%
323	12.559	12.550	12.582	HH	319619	6061950	32.03%	0.620%
324	12.595	12.582	12.600	HH	311683	3283441	17.35%	0.336%
325	12.606	12.600	12.614	HH	309763	2612455	13.81%	0.267%
326	12.620	12.614	12.626	HH	303633	2104440	11.12%	0.215%
327	12.640	12.626	12.644	HH	314799	3368799	17.80%	0.345%
328	12.648	12.644	12.668	HH	313634	4337976	22.92%	0.444%
329	12.679	12.668	12.706	HH	322650	7155220	37.81%	0.732%
330	12.717	12.706	12.722	HH	296263	2718496	14.37%	0.278%
331	12.736	12.722	12.751	HH	309292	5203961	27.50%	0.533%
332	12.766	12.751	12.783	HH	297988	5686979	30.05%	0.582%
333	12.806	12.783	12.850	HH	297945	11542798	61.00%	1.181%
334	12.855	12.850	12.864	HH	271995	2297651	12.14%	0.235%
335	12.867	12.864	12.871	HH	270951	1079354	5.70%	0.110%
336	12.877	12.871	12.883	HH	273627	1893449	10.01%	0.194%
337	12.887	12.883	12.891	HH	272716	1383036	7.31%	0.142%
338	12.904	12.891	12.926	HH	279997	5724108	30.25%	0.586%
339	12.936	12.926	12.970	HH	272090	7030153	37.15%	0.719%
340	12.976	12.970	12.982	HH	262485	1915106	10.12%	0.196%
341	13.005	12.982	13.042	HH	269037	9297691	49.13%	0.952%
342	13.046	13.042	13.070	HH	255830	4285201	22.64%	0.439%
343	13.102	13.070	13.119	HH	261546	7593022	40.12%	0.777%
344	13.124	13.119	13.130	HH	250687	1619173	8.56%	0.166%
345	13.136	13.130	13.141	HH	250989	1655543	8.75%	0.169%
346	13.144	13.141	13.154	HH	249912	1837212	9.71%	0.188%
347	13.166	13.154	13.183	HH	251696	4408207	23.29%	0.451%
348	13.200	13.183	13.218	HH	247584	5032615	26.59%	0.515%
349	13.231	13.218	13.236	HH	241103	2537678	13.41%	0.260%
350	13.241	13.236	13.247	HH	238594	1655723	8.75%	0.169%
351	13.254	13.247	13.271	HH	239169	3236794	17.10%	0.331%

rteres.txt								
352	13.285	13.271	13.316	HH	233928	6153878	32.52%	0.630%
353	13.341	13.316	13.363	HH	237782	6338402	33.49%	0.649%
354	13.365	13.363	13.388	HH	220824	3381519	17.87%	0.346%
355	13.396	13.388	13.410	HH	215227	2771637	14.65%	0.284%
356	13.420	13.410	13.442	HH	217293	4071440	21.51%	0.417%
357	13.453	13.442	13.459	HH	212109	2219415	11.73%	0.227%
358	13.462	13.459	13.491	HH	213168	3824736	20.21%	0.391%
359	13.511	13.491	13.542	HH	208640	6200965	32.77%	0.635%
360	13.552	13.542	13.560	HH	198006	2101312	11.10%	0.215%
361	13.564	13.560	13.583	HH	197479	2777001	14.67%	0.284%
362	13.601	13.583	13.635	HH	199335	5885064	31.10%	0.602%
363	13.640	13.635	13.653	HH	182476	1958454	10.35%	0.200%
364	13.662	13.653	13.666	HH	180760	1417289	7.49%	0.145%
365	13.678	13.666	13.685	HH	180452	1976467	10.44%	0.202%
366	13.689	13.685	13.704	HH	180216	2044186	10.80%	0.209%
367	13.708	13.704	13.715	HH	176395	1157472	6.12%	0.118%
368	13.722	13.715	13.746	HH	176413	3186854	16.84%	0.326%
369	13.750	13.746	13.754	HH	170313	816539	4.31%	0.084%
370	13.758	13.754	13.773	HH	170018	1881341	9.94%	0.193%
371	13.779	13.773	13.829	HH	167618	5495727	29.04%	0.562%
372	13.841	13.829	13.847	HH	157930	1643651	8.69%	0.168%
373	13.863	13.847	13.883	HH	158142	3391404	17.92%	0.347%
374	13.888	13.883	13.905	HH	154201	1952538	10.32%	0.200%
375	13.909	13.905	13.914	HH	146737	838596	4.43%	0.086%
376	13.931	13.914	13.943	HH	148186	2551296	13.48%	0.261%
377	13.947	13.943	13.953	HH	140642	810940	4.29%	0.083%
378	13.958	13.953	13.982	HH	141063	2401174	12.69%	0.246%
379	13.986	13.982	13.991	HH	138620	760138	4.02%	0.078%
380	13.995	13.991	14.022	HH	140038	2568603	13.57%	0.263%
381	14.026	14.022	14.053	HH	135864	2485623	13.13%	0.254%
382	14.060	14.053	14.075	HH	130907	1683974	8.90%	0.172%
383	14.079	14.075	14.085	HH	128689	743404	3.93%	0.076%
384	14.097	14.085	14.130	HH	130524	3393616	17.93%	0.347%
385	14.139	14.130	14.157	HH	123010	1989672	10.51%	0.204%
386	14.163	14.157	14.189	HH	123035	2298025	12.14%	0.235%
387	14.193	14.189	14.216	HH	114151	1774772	9.38%	0.182%
388	14.220	14.216	14.224	HH	108586	526171	2.78%	0.054%
389	14.236	14.224	14.245	HH	110179	1379518	7.29%	0.141%
390	14.250	14.245	14.267	HH	109237	1405094	7.42%	0.144%
391	14.273	14.267	14.325	HH	107940	3599917	19.02%	0.368%
392	14.332	14.325	14.351	HH	100447	1524034	8.05%	0.156%
393	14.364	14.351	14.409	HH	97593	3303304	17.46%	0.338%
394	14.424	14.409	14.476	HH	91582	3498513	18.49%	0.358%
395	14.490	14.476	14.495	HH	84771	967716	5.11%	0.099%
396	14.499	14.495	14.529	HH	84075	1683469	8.90%	0.172%
397	14.534	14.529	14.544	HH	80371	712675	3.77%	0.073%
398	14.553	14.544	14.558	HH	78841	664973	3.51%	0.068%
399	14.565	14.558	14.612	HH	78823	2408373	12.73%	0.246%
400	14.617	14.612	14.644	HH	71807	1370692	7.24%	0.140%
401	14.648	14.644	14.669	HH	69245	1032359	5.46%	0.106%
402	14.686	14.669	14.712	HH	67994	1710191	9.04%	0.175%
403	14.716	14.712	14.741	HH	65242	1107353	5.85%	0.113%
404	14.757	14.741	14.782	HH	66341	1537899	8.13%	0.157%

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405	14.803	14.782	14.840	HH	62926	2063272	10.90%	0.211%
406	14.927	14.924	14.945	HH	50206	609052	3.22%	0.062%
407	14.962	14.945	14.992	HH	51192	1378365	7.28%	0.141%
408	14.994	14.992	15.008	HH	47286	443461	2.34%	0.045%
409	15.017	15.008	15.051	HH	46421	1173094	6.20%	0.120%
410	15.054	15.051	15.087	HH	43923	920572	4.86%	0.094%
411	15.091	15.087	15.141	HH	42608	1340465	7.08%	0.137%
412	15.162	15.158	15.175	HH	39696	413271	2.18%	0.042%
413	15.180	15.175	15.190	HH	38421	345502	1.83%	0.035%
414	15.208	15.190	15.264	HH	38401	1632324	8.63%	0.167%
415	15.276	15.264	15.350	HH	35182	1748211	9.24%	0.179%
416	15.365	15.350	15.385	HH	32981	684829	3.62%	0.070%
417	15.389	15.385	15.430	HH	31859	847658	4.48%	0.087%
418	15.434	15.430	15.465	HH	31035	637892	3.37%	0.065%
419	15.480	15.465	15.503	HH	30432	668674	3.53%	0.068%
420	15.510	15.503	15.524	HH	29300	372286	1.97%	0.038%
421	15.532	15.524	15.563	HH	28924	668033	3.53%	0.068%
422	15.568	15.563	15.621	HH	27991	943128	4.98%	0.097%
423	15.672	15.669	15.699	HH	25667	457458	2.42%	0.047%
424	15.703	15.699	15.729	HH	25263	460169	2.43%	0.047%
425	15.735	15.729	15.767	HH	24826	553842	2.93%	0.057%
426	15.774	15.767	15.782	HH	24437	220781	1.17%	0.023%
427	15.794	15.782	15.827	HH	24492	650727	3.44%	0.067%
428	15.835	15.827	15.850	HH	23780	328954	1.74%	0.034%
429	15.853	15.850	15.889	HH	23513	543438	2.87%	0.056%
430	15.894	15.889	15.898	HH	22811	125039	0.66%	0.013%
431	15.905	15.898	15.940	HH	22801	565749	2.99%	0.058%
432	15.944	15.940	15.966	HH	22540	352372	1.86%	0.036%
433	15.981	15.966	16.001	HH	22570	462163	2.44%	0.047%
434	16.012	16.001	16.037	HH	22226	470120	2.48%	0.048%
435	16.049	16.037	16.069	HH	21650	412591	2.18%	0.042%
436	16.075	16.069	16.078	HH	21358	122871	0.65%	0.013%
437	16.084	16.078	16.094	HH	21467	204071	1.08%	0.021%
438	16.113	16.094	16.145	HH	22367	661145	3.49%	0.068%
439	16.151	16.145	16.156	HH	21137	144019	0.76%	0.015%
440	16.178	16.156	16.237	HH	21303	1001520	5.29%	0.103%
441	16.240	16.237	16.247	HH	20378	130916	0.69%	0.013%
442	16.256	16.247	16.260	HH	20431	153317	0.81%	0.016%
443	16.267	16.260	16.276	HH	20413	196032	1.04%	0.020%
444	16.303	16.276	16.347	HH	30515	977839	5.17%	0.100%
445	16.353	16.347	16.382	HH	20291	424943	2.25%	0.043%
446	16.390	16.382	16.411	HH	20083	340231	1.80%	0.035%
447	16.421	16.411	16.443	HH	19979	387319	2.05%	0.040%
448	16.462	16.443	16.481	HH	20111	451564	2.39%	0.046%
449	16.486	16.481	16.504	HH	19688	269958	1.43%	0.028%
450	16.508	16.504	16.522	HH	19544	205053	1.08%	0.021%
451	16.535	16.522	16.550	HH	19635	326596	1.73%	0.033%
452	16.554	16.550	16.564	HH	19507	166137	0.88%	0.017%
453	16.574	16.564	16.606	HH	19596	490475	2.59%	0.050%
454	16.616	16.606	16.651	HH	19586	531422	2.81%	0.054%
455	16.669	16.651	16.675	HH	19560	275416	1.46%	0.028%
456	16.693	16.675	16.698	HH	19548	269437	1.42%	0.028%

					rteres.txt			
457	16.704	16.698	16.709	HH	19388	128193	0.68%	0.013%
458	16.715	16.709	16.719	HH	19370	112282	0.59%	0.011%
459	16.727	16.719	16.747	HH	19393	322077	1.70%	0.033%
460	16.751	16.747	16.758	HH	19305	134658	0.71%	0.014%
461	16.768	16.758	16.773	HH	19369	173554	0.92%	0.018%
462	16.777	16.773	16.781	HH	19387	85284	0.45%	0.009%
463	16.813	16.781	16.859	HH	20921	927979	4.90%	0.095%
464	16.865	16.859	16.876	HH	19207	191453	1.01%	0.020%
465	16.885	16.876	16.898	HH	19209	258520	1.37%	0.026%
466	16.905	16.898	16.911	HH	19181	145563	0.77%	0.015%
467	16.929	16.911	16.951	HH	19801	459585	2.43%	0.047%
468	16.961	16.951	16.966	HH	19292	176802	0.93%	0.018%
469	16.969	16.966	17.000	HH	19293	392009	2.07%	0.040%
470	17.016	17.000	17.033	HH	19277	373335	1.97%	0.038%
471	17.036	17.033	17.043	HH	19122	115709	0.61%	0.012%
472	17.060	17.043	17.063	HH	19173	237546	1.26%	0.024%
473	17.070	17.063	17.103	HH	19136	447446	2.36%	0.046%
474	17.122	17.103	17.127	HH	19090	276358	1.46%	0.028%
475	17.131	17.127	17.136	HH	19080	99940	0.53%	0.010%
476	17.141	17.136	17.146	HH	19059	117991	0.62%	0.012%
477	17.159	17.146	17.173	HH	19165	305380	1.61%	0.031%
478	17.177	17.173	17.181	HH	19072	93761	0.50%	0.010%
479	17.190	17.181	17.213	HH	19332	367203	1.94%	0.038%
480	17.217	17.213	17.227	HH	19281	163222	0.86%	0.017%
481	17.234	17.227	17.243	HH	19181	182009	0.96%	0.019%
482	17.269	17.243	17.283	HH	19322	471934	2.49%	0.048%
483	17.292	17.283	17.311	HH	19355	316310	1.67%	0.032%
484	17.319	17.311	17.325	HH	19298	168604	0.89%	0.017%
485	17.329	17.325	17.333	HH	19230	92938	0.49%	0.010%
486	17.347	17.333	17.352	HH	19394	218889	1.16%	0.022%
487	17.379	17.352	17.399	HH	20640	559263	2.96%	0.057%
488	17.417	17.399	17.447	HH	19597	554612	2.93%	0.057%
489	17.472	17.447	17.501	HH	21230	652788	3.45%	0.067%
490	17.508	17.501	17.516	HH	19483	172024	0.91%	0.018%
491	17.520	17.516	17.531	HH	19492	174610	0.92%	0.018%
492	17.535	17.531	17.553	HH	19378	264199	1.40%	0.027%
493	17.557	17.553	17.571	HH	19403	209457	1.11%	0.021%
494	17.586	17.571	17.589	HH	19431	204926	1.08%	0.021%
495	17.606	17.589	17.621	HH	19631	372696	1.97%	0.038%
496	17.626	17.621	17.636	HH	19472	177009	0.94%	0.018%
497	17.645	17.636	17.655	HH	19495	217918	1.15%	0.022%
498	17.665	17.655	17.669	HH	19511	170654	0.90%	0.017%
499	17.673	17.669	17.680	HH	19506	121314	0.64%	0.012%
500	17.705	17.680	17.711	HH	19606	364834	1.93%	0.037%
501	17.715	17.711	17.730	HH	19655	225115	1.19%	0.023%
502	17.734	17.730	17.739	HH	19606	107605	0.57%	0.011%
503	17.743	17.739	17.751	HH	19613	132725	0.70%	0.014%
504	17.756	17.751	17.761	HH	19611	117551	0.62%	0.012%
505	17.770	17.761	17.777	HH	19685	190510	1.01%	0.019%
506	17.789	17.777	17.793	HH	19848	197622	1.04%	0.020%
507	17.815	17.793	17.859	HH	20981	795228	4.20%	0.081%
508	17.890	17.859	17.894	HH	19856	412213	2.18%	0.042%
509	17.913	17.894	17.939	HH	20477	545944	2.88%	0.056%

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510	18.516	18.504	18.536	HH	21699	408356	2.16%	0.042%
511	18.540	18.536	18.546	HH	21518	128699	0.68%	0.013%
512	18.550	18.546	18.555	HH	21501	118116	0.62%	0.012%
513	18.557	18.555	18.570	HH	21536	192655	1.02%	0.020%
514	18.582	18.570	18.587	HH	21478	214163	1.13%	0.022%
515	18.649	18.587	18.700	HH	24704	1524085	8.05%	0.156%
516	18.715	18.700	18.728	HH	21902	359886	1.90%	0.037%
517	18.757	18.728	18.777	HH	22366	650888	3.44%	0.067%
518	18.782	18.777	18.794	HH	22090	230980	1.22%	0.024%
519	18.818	18.794	18.831	HH	22143	484703	2.56%	0.050%
520	18.834	18.831	18.838	HH	22093	88414	0.47%	0.009%
521	18.861	18.838	18.866	HH	22244	376143	1.99%	0.038%
522	18.890	18.866	18.894	HH	22325	377517	1.99%	0.039%
523	18.903	18.894	18.908	HH	22437	179073	0.95%	0.018%
524	18.938	18.908	18.943	HH	22638	472111	2.49%	0.048%
525	18.946	18.943	18.969	HH	22535	358286	1.89%	0.037%
526	18.998	18.969	19.004	HH	22606	476898	2.52%	0.049%
527	19.043	19.004	19.069	HH	24119	897071	4.74%	0.092%
528	19.086	19.069	19.107	HH	22950	514166	2.72%	0.053%
529	19.123	19.107	19.136	HH	22956	395518	2.09%	0.040%
530	19.160	19.136	19.170	HH	23080	475783	2.51%	0.049%
531	19.203	19.170	19.231	HH	25675	884568	4.67%	0.091%
532	19.237	19.231	19.251	HH	23729	285730	1.51%	0.029%
533	19.294	19.251	19.301	HH	23861	713845	3.77%	0.073%
534	19.327	19.301	19.352	HH	23994	724703	3.83%	0.074%
535	19.363	19.352	19.369	HH	23968	250876	1.33%	0.026%
536	19.390	19.369	19.396	HH	24081	378654	2.00%	0.039%
537	19.427	19.396	19.452	HH	25336	838384	4.43%	0.086%
538	19.456	19.452	19.463	HH	24283	159434	0.84%	0.016%
539	19.468	19.463	19.478	HH	24311	218679	1.16%	0.022%
540	19.490	19.478	19.497	HH	24367	275799	1.46%	0.028%
541	19.543	19.497	19.568	HH	24765	1049118	5.54%	0.107%
542	19.571	19.568	19.583	HH	24686	221658	1.17%	0.023%
543	19.598	19.583	19.602	HH	24704	280565	1.48%	0.029%
544	19.613	19.602	19.626	HH	24924	350414	1.85%	0.036%
545	19.674	19.626	19.678	HH	25381	789930	4.17%	0.081%
546	19.715	19.678	19.753	HH	28415	1187872	6.28%	0.122%
547	19.759	19.753	19.766	HH	25496	190949	1.01%	0.020%
548	19.772	19.766	19.777	HH	25523	175134	0.93%	0.018%
549	19.803	19.777	19.832	HH	26439	846050	4.47%	0.087%
550	19.835	19.832	19.851	HH	25836	296706	1.57%	0.030%
551	19.870	19.851	19.878	HH	26103	428487	2.26%	0.044%
552	19.883	19.878	19.887	HH	26105	139280	0.74%	0.014%
553	19.895	19.887	19.905	HH	26112	280752	1.48%	0.029%
554	19.936	19.905	19.949	HH	26296	691114	3.65%	0.071%
555	19.994	19.949	20.000	HH	26516	805407	4.26%	0.082%
556	20.029	20.000	20.042	HH	26715	671180	3.55%	0.069%
557	20.078	20.042	20.082	HH	27091	637400	3.37%	0.065%
558	20.091	20.082	20.105	HH	27170	385175	2.04%	0.039%
559	20.166	20.105	20.180	HH	28466	1239637	6.55%	0.127%
560	20.204	20.180	20.226	HH	30621	803464	4.25%	0.082%
561	20.231	20.226	20.240	HH	28312	228148	1.21%	0.023%

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562	20.261	20.240	20.281	HH	28489	710855	3.76%	0.073%
563	20.363	20.281	20.366	HH	28812	1455026	7.69%	0.149%
564	20.434	20.366	20.472	HH	29708	1840809	9.73%	0.188%
565	20.480	20.472	20.490	HH	29300	324823	1.72%	0.033%
566	20.525	20.490	20.547	HH	29829	1010237	5.34%	0.103%
567	20.570	20.547	20.574	HH	29565	470683	2.49%	0.048%
568	20.606	20.574	20.612	HH	29849	675373	3.57%	0.069%
569	20.633	20.612	20.638	HH	29999	464182	2.45%	0.048%
570	20.646	20.638	20.655	HH	30056	322186	1.70%	0.033%
571	20.687	20.655	20.735	HH	33029	1493701	7.89%	0.153%
572	20.744	20.735	20.749	HH	30332	242404	1.28%	0.025%
573	20.754	20.749	20.762	HH	30354	242434	1.28%	0.025%
574	20.767	20.762	20.793	HH	30392	568080	3.00%	0.058%
575	20.816	20.793	20.843	HH	30493	905868	4.79%	0.093%
576	20.856	20.843	20.862	HH	30650	349989	1.85%	0.036%
577	20.876	20.862	20.882	HH	30749	368224	1.95%	0.038%
578	20.912	20.882	20.954	HH	31114	1331630	7.04%	0.136%
579	20.961	20.954	20.967	HH	30691	243396	1.29%	0.025%
580	20.977	20.967	21.005	HH	30751	690714	3.65%	0.071%
581	21.013	21.005	21.018	HH	30771	240504	1.27%	0.025%
582	21.022	21.018	21.029	HH	30795	200632	1.06%	0.021%
583	21.032	21.029	21.068	HH	30820	727446	3.84%	0.074%
584	21.075	21.068	21.087	HH	30750	347692	1.84%	0.036%
585	21.100	21.087	21.113	HH	30751	469446	2.48%	0.048%
586	21.135	21.113	21.157	HH	30858	821737	4.34%	0.084%
587	21.161	21.157	21.169	HH	30839	214140	1.13%	0.022%
588	21.187	21.169	21.199	HH	31131	556304	2.94%	0.057%
589	21.232	21.199	21.299	HH	33711	1909736	10.09%	0.195%
590	21.312	21.299	21.317	HH	30899	345108	1.82%	0.035%
591	21.339	21.317	21.350	HH	30978	610345	3.23%	0.062%
592	21.355	21.350	21.369	HH	30921	342731	1.81%	0.035%
593	21.386	21.369	21.390	HH	30896	401835	2.12%	0.041%
594	21.395	21.390	21.407	HH	30885	307806	1.63%	0.032%
595	21.422	21.407	21.428	HH	30956	392568	2.07%	0.040%
596	21.434	21.428	21.448	HH	30905	369207	1.95%	0.038%
597	21.468	21.448	21.474	HH	30961	478318	2.53%	0.049%
598	21.496	21.474	21.503	HH	30984	543035	2.87%	0.056%
599	21.509	21.503	21.517	HH	30984	255850	1.35%	0.026%
600	21.528	21.517	21.541	HH	30940	434088	2.29%	0.044%
601	21.546	21.541	21.551	HH	30953	190790	1.01%	0.020%
602	21.557	21.551	21.566	HH	30913	276317	1.46%	0.028%
603	21.588	21.566	21.600	HH	31057	645153	3.41%	0.066%
604	21.605	21.600	21.614	HH	31045	248827	1.31%	0.025%
605	21.620	21.614	21.635	HH	31044	392150	2.07%	0.040%
606	21.654	21.635	21.662	HH	31060	512107	2.71%	0.052%
607	21.667	21.662	21.702	HH	31078	740724	3.91%	0.076%
608	21.718	21.702	21.729	HH	31158	493926	2.61%	0.051%
609	21.745	21.729	21.774	HH	31046	837517	4.43%	0.086%
610	21.777	21.774	21.783	HH	31026	169256	0.89%	0.017%
611	21.799	21.783	21.803	HH	31126	382471	2.02%	0.039%
612	21.872	21.803	21.932	HH	33193	2447996	12.94%	0.251%
613	21.958	21.932	21.990	HH	31200	1098039	5.80%	0.112%
614	21.993	21.990	22.000	HH	31053	186226	0.98%	0.019%

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615	22.004	22.000	22.027	HH	31088	503419	2.66%	0.052%
616	22.032	22.027	22.037	HH	31094	179891	0.95%	0.018%
617	22.050	22.037	22.069	HH	31139	590732	3.12%	0.060%
618	22.091	22.069	22.100	HH	31221	591867	3.13%	0.061%
619	22.122	22.100	22.129	HH	31227	532379	2.81%	0.054%
620	22.135	22.129	22.160	HH	31215	577549	3.05%	0.059%
621	22.174	22.160	22.178	HH	31376	350004	1.85%	0.036%
622	22.192	22.178	22.212	HH	31477	629781	3.33%	0.064%
623	22.218	22.212	22.234	HH	31276	408468	2.16%	0.042%
624	22.241	22.234	22.247	HH	31228	240875	1.27%	0.025%
625	22.260	22.247	22.269	HH	31282	414499	2.19%	0.042%
626	22.275	22.269	22.292	HH	31226	438254	2.32%	0.045%
627	22.304	22.292	22.319	HH	31244	504368	2.67%	0.052%
628	22.324	22.319	22.334	HH	31180	280419	1.48%	0.029%
629	22.354	22.334	22.372	HH	31254	703665	3.72%	0.072%
630	22.379	22.372	22.384	HH	31250	225336	1.19%	0.023%
631	22.388	22.384	22.407	HH	31318	437402	2.31%	0.045%
632	22.412	22.407	22.429	HH	31196	404993	2.14%	0.041%
633	22.457	22.429	22.463	HH	31360	634633	3.35%	0.065%
634	22.467	22.463	22.493	HH	31289	565000	2.99%	0.058%
635	22.497	22.493	22.504	HH	31254	204475	1.08%	0.021%
636	22.520	22.504	22.525	HH	31258	405764	2.14%	0.042%
637	22.558	22.525	22.575	HH	31317	927581	4.90%	0.095%
638	22.632	22.575	22.697	HH	32671	2338530	12.36%	0.239%
639	22.707	22.697	22.773	HH	31488	1418850	7.50%	0.145%
640	22.777	22.773	22.782	HH	31313	174836	0.92%	0.018%
641	22.788	22.782	22.797	HH	31307	272115	1.44%	0.028%
642	22.805	22.797	22.830	HH	31336	635526	3.36%	0.065%
643	22.842	22.830	22.848	HH	31280	323501	1.71%	0.033%
644	22.865	22.848	22.875	HH	31308	511261	2.70%	0.052%
645	22.886	22.875	22.895	HH	31298	384352	2.03%	0.039%
646	22.905	22.895	22.916	HH	31381	388005	2.05%	0.040%
647	22.927	22.916	22.940	HH	31294	453524	2.40%	0.046%
648	22.947	22.940	22.960	HH	31319	376783	1.99%	0.039%
649	22.982	22.960	22.987	HH	31286	500314	2.64%	0.051%
650	22.993	22.987	23.004	HH	31306	309536	1.64%	0.032%
651	23.011	23.004	23.020	HH	31365	311433	1.65%	0.032%
652	23.024	23.020	23.032	HH	31412	223934	1.18%	0.023%
653	23.039	23.032	23.044	HH	31349	226280	1.20%	0.023%
654	23.055	23.044	23.061	HH	31341	309658	1.64%	0.032%
655	23.084	23.061	23.098	HH	31369	698014	3.69%	0.071%
656	23.101	23.098	23.118	HH	31310	369704	1.95%	0.038%
657	23.128	23.118	23.142	HH	31336	449833	2.38%	0.046%
658	23.148	23.142	23.154	HH	31301	229322	1.21%	0.023%
659	23.173	23.154	23.187	HH	31440	627413	3.32%	0.064%
660	23.194	23.187	23.217	HH	31368	562917	2.97%	0.058%
661	23.220	23.217	23.227	HH	31243	187464	0.99%	0.019%
662	23.230	23.227	23.295	HH	31296	1273766	6.73%	0.130%
663	23.322	23.295	23.327	HH	31349	599327	3.17%	0.061%
664	23.334	23.327	23.355	HH	31307	529774	2.80%	0.054%
665	23.380	23.355	23.394	HH	31272	729887	3.86%	0.075%
666	23.399	23.394	23.402	HH	31291	144917	0.77%	0.015%

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667	23.407	23.402	23.417	HH	31355	279987	1.48%	0.029%
668	23.422	23.417	23.426	HH	31403	176159	0.93%	0.018%
669	23.430	23.426	23.445	HH	31358	361226	1.91%	0.037%
670	23.453	23.445	23.472	HH	31291	493890	2.61%	0.051%
671	23.477	23.472	23.482	HH	31296	193461	1.02%	0.020%
672	23.499	23.482	23.507	HH	31446	470117	2.48%	0.048%
673	23.556	23.507	23.641	HH	32199	2545427	13.45%	0.261%
674	23.649	23.641	23.662	HH	31439	405092	2.14%	0.041%
675	23.668	23.662	23.674	HH	31412	211768	1.12%	0.022%
676	23.681	23.674	23.688	HH	31410	259708	1.37%	0.027%
677	23.694	23.688	23.719	HH	31422	587274	3.10%	0.060%
678	23.723	23.719	23.728	HH	31360	181124	0.96%	0.019%
679	23.754	23.728	23.760	HH	31408	585504	3.09%	0.060%
680	23.765	23.760	23.779	HH	31433	361201	1.91%	0.037%
681	23.786	23.779	23.800	HH	31335	400996	2.12%	0.041%
682	23.805	23.800	23.812	HH	31327	226509	1.20%	0.023%
683	23.835	23.812	23.844	HH	31680	600703	3.17%	0.061%
684	23.850	23.844	23.868	HH	31680	454594	2.40%	0.047%
685	23.876	23.868	23.902	HH	31615	651206	3.44%	0.067%
686	23.907	23.902	23.913	HH	31649	210364	1.11%	0.022%
687	23.918	23.913	23.924	HH	31697	206492	1.09%	0.021%
688	23.947	23.924	23.960	HH	31697	689676	3.64%	0.071%
689	23.963	23.960	23.965	HH	31628	94934	0.50%	0.010%
690	23.973	23.965	23.990	HH	31661	474340	2.51%	0.049%
691	24.011	23.990	24.031	HH	31729	773897	4.09%	0.079%
692	24.044	24.031	24.080	HH	31641	933819	4.93%	0.096%
693	24.089	24.080	24.104	HH	31612	436842	2.31%	0.045%
694	24.108	24.104	24.130	HH	31669	510776	2.70%	0.052%
695	24.147	24.130	24.152	HH	31664	410890	2.17%	0.042%
696	24.158	24.152	24.164	HH	31660	227760	1.20%	0.023%
697	24.191	24.164	24.197	HH	31688	632807	3.34%	0.065%
698	24.203	24.197	24.220	HH	31675	435665	2.30%	0.045%
699	24.230	24.220	24.236	HH	31720	292838	1.55%	0.030%
700	24.240	24.236	24.248	HH	31644	226042	1.19%	0.023%
701	24.253	24.248	24.261	HH	31613	244686	1.29%	0.025%
702	24.269	24.261	24.279	HH	31663	343196	1.81%	0.035%
703	24.286	24.279	24.299	HH	31653	379166	2.00%	0.039%
704	24.301	24.299	24.304	HH	31635	98524	0.52%	0.010%
705	24.315	24.304	24.344	HH	31709	759660	4.01%	0.078%
706	24.348	24.344	24.364	HH	31665	382631	2.02%	0.039%
707	24.375	24.364	24.380	HH	31691	301474	1.59%	0.031%
708	24.385	24.380	24.396	HH	31662	309597	1.64%	0.032%
709	24.402	24.396	24.419	HH	31710	425830	2.25%	0.044%
710	24.423	24.419	24.452	HH	31780	632579	3.34%	0.065%
711	24.471	24.452	24.475	HH	31685	440994	2.33%	0.045%
712	24.489	24.475	24.494	HH	31704	353249	1.87%	0.036%
713	24.500	24.494	24.508	HH	31667	271137	1.43%	0.028%
714	24.513	24.508	24.518	HH	31668	189163	1.00%	0.019%
715	24.554	24.518	24.569	HH	31861	957179	5.06%	0.098%
716	24.642	24.569	24.655	HH	32247	1662934	8.79%	0.170%
717	24.659	24.655	24.700	HH	32131	863784	4.56%	0.088%
718	24.705	24.700	24.709	HH	31846	160372	0.85%	0.016%
719	24.713	24.709	24.741	HH	31864	607237	3.21%	0.062%

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720	24.749	24.741	24.764	HH	31719	438187	2.32%	0.045%	
721	24.771	24.764	24.780	HH	31691	315419	1.67%	0.032%	
722	24.785	24.780	24.800	HHA	31686	395710	2.09%	0.040%	
					Sum of corrected areas:	977090967			

C44-FE012918.M Tue Jan 30 10:29:19 2018 RPT-1