

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE011718\
Data File : FE025655.D
Signal(s) : FID1B.CH
Acq On : 17 Jan 2018 17:10
Sample : J1151-02 5X
Misc :
ALS Vial : 7 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	2.469	2.461	2.473	BH	6	-410	-0.00%	-0.000%
2	2.487	2.473	2.499	PH	152	264	0.00%	0.000%
3	2.502	2.499	2.508	PH	59	-63	-0.00%	-0.000%
4	2.517	2.508	2.532	PH	112	-33	-0.00%	-0.000%
5	2.535	2.532	2.540	PH	55	-195	-0.00%	-0.000%
6	2.546	2.540	2.558	PH	104	-205	-0.00%	-0.000%
7	2.568	2.558	2.588	PH	179	731	0.01%	0.000%
8	2.591	2.588	2.606	PH	106	338	0.00%	0.000%
9	2.611	2.606	2.616	PH	119	82	0.00%	0.000%
10	2.623	2.616	2.627	PH	224	512	0.00%	0.000%
11	2.636	2.627	2.645	HH	179	605	0.01%	0.000%
12	2.648	2.645	2.657	PH	0	-311	-0.00%	-0.000%
13	2.665	2.657	2.669	PH	78	127	0.00%	0.000%
14	2.678	2.669	2.682	PH	157	604	0.01%	0.000%
15	2.688	2.682	2.705	PH	168	1665	0.01%	0.000%
16	2.709	2.705	2.719	PH	191	494	0.00%	0.000%
17	2.750	2.719	2.760	PH	365	4678	0.04%	0.000%
18	2.767	2.760	2.773	HH	366	2411	0.02%	0.000%
19	2.778	2.773	2.783	HH	371	1606	0.01%	0.000%
20	2.787	2.783	2.792	HH	307	1115	0.01%	0.000%
21	2.803	2.792	2.807	HH	399	1745	0.01%	0.000%
22	2.812	2.807	2.822	HH	257	1485	0.01%	0.000%
23	2.828	2.822	2.835	HH	248	1669	0.01%	0.000%
24	2.838	2.835	2.845	HH	369	1129	0.01%	0.000%
25	2.854	2.845	2.865	HH	223	2003	0.02%	0.000%
26	2.878	2.865	2.885	HH	321	2827	0.02%	0.000%
27	2.895	2.885	2.914	HH	401	5084	0.04%	0.001%
28	2.919	2.914	2.925	HH	342	1888	0.02%	0.000%
29	2.928	2.925	2.935	HH	523	2239	0.02%	0.000%
30	2.946	2.935	2.961	HH	472	5230	0.04%	0.001%
31	2.969	2.961	2.980	HH	460	4002	0.03%	0.000%
32	2.984	2.980	2.996	HH	380	2809	0.02%	0.000%
33	3.027	2.996	3.032	HH	451	7397	0.06%	0.001%
34	3.035	3.032	3.040	HH	565	1866	0.02%	0.000%
35	3.046	3.040	3.053	HH	465	2897	0.02%	0.000%
36	3.073	3.053	3.084	HH	502	8181	0.07%	0.001%

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37	3.087	3.084	3.110	HH	548	6813	0.06%	0.001%
38	3.116	3.110	3.128	HH	432	3880	0.03%	0.000%
39	3.140	3.128	3.145	HH	521	3761	0.03%	0.000%
40	3.148	3.145	3.153	HH	485	2120	0.02%	0.000%
41	3.157	3.153	3.165	HH	527	3515	0.03%	0.000%
42	3.169	3.165	3.173	HH	622	2223	0.02%	0.000%
43	3.182	3.173	3.186	HH	627	4339	0.04%	0.000%
44	3.193	3.186	3.203	HH	594	5273	0.04%	0.001%
45	3.208	3.203	3.227	HH	705	7790	0.07%	0.001%
46	3.237	3.227	3.242	HH	646	4444	0.04%	0.000%
47	3.247	3.242	3.251	HH	633	3208	0.03%	0.000%
48	3.261	3.251	3.266	HH	675	5367	0.05%	0.001%
49	3.275	3.266	3.289	HH	674	8116	0.07%	0.001%
50	3.303	3.289	3.310	HH	809	8029	0.07%	0.001%
51	3.316	3.310	3.342	HH	828	12998	0.11%	0.001%
52	3.359	3.342	3.365	HH	709	8640	0.07%	0.001%
53	3.376	3.365	3.381	HH	799	6994	0.06%	0.001%
54	3.391	3.381	3.407	HH	930	12237	0.10%	0.001%
55	3.413	3.407	3.426	HH	802	7735	0.07%	0.001%
56	3.435	3.426	3.443	HH	839	7361	0.06%	0.001%
57	3.448	3.443	3.458	HH	847	6176	0.05%	0.001%
58	3.463	3.458	3.468	HH	855	4553	0.04%	0.000%
59	3.474	3.468	3.480	HH	837	5272	0.04%	0.001%
60	3.483	3.480	3.487	HH	774	2996	0.03%	0.000%
61	3.493	3.487	3.500	HH	776	5781	0.05%	0.001%
62	3.508	3.500	3.515	HH	960	7210	0.06%	0.001%
63	3.523	3.515	3.543	HH	1042	15112	0.13%	0.001%
64	3.551	3.543	3.560	HH	858	8184	0.07%	0.001%
65	3.576	3.560	3.581	HH	886	10687	0.09%	0.001%
66	3.585	3.581	3.590	HH	956	4251	0.04%	0.000%
67	3.594	3.590	3.600	HH	888	5199	0.04%	0.001%
68	3.607	3.600	3.618	HH	896	8845	0.07%	0.001%
69	3.621	3.618	3.630	HH	889	6299	0.05%	0.001%
70	3.646	3.630	3.650	HH	1046	10954	0.09%	0.001%
71	3.661	3.650	3.667	HH	1066	9851	0.08%	0.001%
72	3.671	3.667	3.689	HH	1032	12687	0.11%	0.001%
73	3.695	3.689	3.703	HH	1045	8234	0.07%	0.001%
74	3.708	3.703	3.713	HH	984	5578	0.05%	0.001%
75	3.718	3.713	3.726	HH	1102	7469	0.06%	0.001%
76	3.730	3.726	3.739	HH	1014	7511	0.06%	0.001%
77	3.742	3.739	3.756	HH	1046	10034	0.08%	0.001%
78	3.763	3.756	3.767	HH	1213	6830	0.06%	0.001%
79	3.792	3.767	3.801	HH	1188	20764	0.18%	0.002%
80	3.807	3.801	3.812	HH	1141	6426	0.05%	0.001%
81	3.828	3.812	3.839	HH	1533	21915	0.19%	0.002%
82	3.843	3.839	3.861	HH	1491	18311	0.15%	0.002%
83	3.886	3.861	3.895	HH	1497	27167	0.23%	0.003%
84	3.899	3.895	3.907	HH	1449	10455	0.09%	0.001%
85	3.918	3.907	3.935	HH	1457	22306	0.19%	0.002%
86	3.941	3.935	3.952	HH	1520	14009	0.12%	0.001%
87	3.954	3.952	3.971	HH	1444	15695	0.13%	0.002%
88	3.977	3.971	3.982	HH	1333	8362	0.07%	0.001%
89	4.008	3.982	4.013	HH	1557	25311	0.21%	0.003%

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90	4.018	4.013	4.028	HH	1496	12659	0.11%	0.001%
91	4.047	4.028	4.051	HH	1591	19648	0.17%	0.002%
92	4.055	4.051	4.060	HH	1572	8015	0.07%	0.001%
93	4.064	4.060	4.071	HH	1507	9731	0.08%	0.001%
94	4.085	4.071	4.091	HH	1558	18506	0.16%	0.002%
95	4.104	4.091	4.109	HH	1673	17092	0.14%	0.002%
96	4.128	4.109	4.138	HH	1694	27253	0.23%	0.003%
97	4.145	4.138	4.150	HH	1636	10893	0.09%	0.001%
98	4.154	4.150	4.163	HH	1584	12373	0.10%	0.001%
99	4.167	4.163	4.190	HH	1603	25496	0.22%	0.003%
100	4.203	4.190	4.225	HH	1579	31268	0.26%	0.003%
101	4.230	4.225	4.238	HH	1689	12800	0.11%	0.001%
102	4.254	4.238	4.260	HH	1707	20956	0.18%	0.002%
103	4.263	4.260	4.271	HH	1622	11016	0.09%	0.001%
104	4.278	4.271	4.283	HH	1684	11145	0.09%	0.001%
105	4.288	4.283	4.296	HH	1675	13095	0.11%	0.001%
106	4.302	4.296	4.321	HH	1751	24574	0.21%	0.002%
107	4.338	4.321	4.346	HH	1940	25465	0.22%	0.003%
108	4.353	4.346	4.361	HH	1926	16026	0.14%	0.002%
109	4.370	4.361	4.389	HH	1950	31077	0.26%	0.003%
110	4.394	4.389	4.398	HH	1878	9303	0.08%	0.001%
111	4.413	4.398	4.425	HH	2016	31133	0.26%	0.003%
112	4.430	4.425	4.435	HH	1972	11475	0.10%	0.001%
113	4.443	4.435	4.452	HH	1971	19427	0.16%	0.002%
114	4.462	4.452	4.473	HH	2085	24591	0.21%	0.002%
115	4.480	4.473	4.484	HH	1923	12527	0.11%	0.001%
116	4.490	4.484	4.495	HH	2008	12269	0.10%	0.001%
117	4.514	4.495	4.524	HH	2147	35042	0.30%	0.003%
118	4.532	4.524	4.538	HH	2141	16317	0.14%	0.002%
119	4.541	4.538	4.545	HH	2060	8838	0.07%	0.001%
120	4.553	4.545	4.558	HH	2050	15087	0.13%	0.001%
121	4.571	4.558	4.587	HH	2222	37167	0.31%	0.004%
122	4.594	4.587	4.599	HH	2164	14123	0.12%	0.001%
123	4.606	4.599	4.612	HH	2147	16431	0.14%	0.002%
124	4.618	4.612	4.626	HH	2181	17283	0.15%	0.002%
125	4.631	4.626	4.637	HH	2133	13893	0.12%	0.001%
126	4.642	4.637	4.646	HH	2287	12252	0.10%	0.001%
127	4.659	4.646	4.670	HH	2238	31036	0.26%	0.003%
128	4.678	4.670	4.685	HH	2273	19397	0.16%	0.002%
129	4.688	4.685	4.697	HH	2204	14782	0.12%	0.001%
130	4.702	4.697	4.711	HH	2188	18122	0.15%	0.002%
131	4.716	4.711	4.730	HH	2212	24796	0.21%	0.002%
132	4.736	4.730	4.742	HH	2229	15368	0.13%	0.002%
133	4.755	4.742	4.765	HH	2316	31604	0.27%	0.003%
134	4.773	4.765	4.784	HH	2324	24897	0.21%	0.002%
135	4.787	4.784	4.798	HH	2234	18830	0.16%	0.002%
136	4.802	4.798	4.810	HH	2240	15172	0.13%	0.001%
137	4.825	4.810	4.830	HH	2267	27160	0.23%	0.003%
138	4.835	4.830	4.841	HH	2250	14147	0.12%	0.001%
139	4.849	4.841	4.853	HH	2360	16660	0.14%	0.002%
140	4.858	4.853	4.866	HH	2305	17641	0.15%	0.002%
141	4.873	4.866	4.880	HH	2376	18351	0.15%	0.002%

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142	4.885	4.880	4.890	HH	2428	13646	0.12%	0.001%
143	4.894	4.890	4.898	HH	2276	11123	0.09%	0.001%
144	4.912	4.898	4.915	HH	2431	24564	0.21%	0.002%
145	4.923	4.915	4.931	HH	2503	22595	0.19%	0.002%
146	4.934	4.931	4.945	HH	2448	20208	0.17%	0.002%
147	4.952	4.945	4.968	HH	2464	31710	0.27%	0.003%
148	4.973	4.968	4.991	HH	2529	33333	0.28%	0.003%
149	5.005	4.991	5.017	HH	2488	36829	0.31%	0.004%
150	5.047	5.017	5.051	HH	2587	50689	0.43%	0.005%
151	5.056	5.051	5.064	HH	2574	19338	0.16%	0.002%
152	5.071	5.064	5.079	HH	2496	22641	0.19%	0.002%
153	5.084	5.079	5.090	HH	2457	14672	0.12%	0.001%
154	5.102	5.090	5.109	HH	2526	27842	0.24%	0.003%
155	5.128	5.109	5.140	HH	2545	46920	0.40%	0.005%
156	5.153	5.140	5.157	HH	2596	25125	0.21%	0.002%
157	5.179	5.157	5.183	HH	2671	40578	0.34%	0.004%
158	5.188	5.183	5.202	HH	2695	29472	0.25%	0.003%
159	5.207	5.202	5.213	HH	2731	16930	0.14%	0.002%
160	5.218	5.213	5.229	HH	2717	24995	0.21%	0.002%
161	5.247	5.229	5.259	HH	2838	49416	0.42%	0.005%
162	5.263	5.259	5.268	HH	2696	14460	0.12%	0.001%
163	5.272	5.268	5.282	HH	2693	22868	0.19%	0.002%
164	5.286	5.282	5.298	HH	2769	25483	0.22%	0.003%
165	5.309	5.298	5.339	HH	2985	68614	0.58%	0.007%
166	5.351	5.339	5.359	HH	2884	32218	0.27%	0.003%
167	5.364	5.359	5.374	HH	2806	25237	0.21%	0.002%
168	5.379	5.374	5.384	HH	2970	16938	0.14%	0.002%
169	5.392	5.384	5.398	HH	2871	23148	0.20%	0.002%
170	5.402	5.398	5.415	HH	2910	28848	0.24%	0.003%
171	5.420	5.415	5.425	HH	3007	18480	0.16%	0.002%
172	5.438	5.425	5.442	HH	2924	28232	0.24%	0.003%
173	5.450	5.442	5.460	HH	2929	31370	0.26%	0.003%
174	5.465	5.460	5.470	HH	2958	15910	0.13%	0.002%
175	5.480	5.470	5.487	HH	3044	30595	0.26%	0.003%
176	5.501	5.487	5.516	HH	3139	53158	0.45%	0.005%
177	5.520	5.516	5.529	HH	3169	22406	0.19%	0.002%
178	5.550	5.529	5.568	HH	3133	70544	0.60%	0.007%
179	5.574	5.568	5.580	HH	3138	23363	0.20%	0.002%
180	5.582	5.580	5.585	HH	3076	9173	0.08%	0.001%
181	5.593	5.585	5.599	HH	3228	25523	0.22%	0.003%
182	5.609	5.599	5.625	HH	3399	50523	0.43%	0.005%
183	5.639	5.625	5.663	HH	3652	77389	0.65%	0.008%
184	5.674	5.663	5.688	HH	3424	48889	0.41%	0.005%
185	5.691	5.688	5.702	HH	3261	27606	0.23%	0.003%
186	5.712	5.702	5.718	HH	3357	31417	0.27%	0.003%
187	5.729	5.718	5.735	HH	3334	32160	0.27%	0.003%
188	5.742	5.735	5.753	HH	3350	36260	0.31%	0.004%
189	5.763	5.753	5.776	HH	3438	46151	0.39%	0.005%
190	5.796	5.776	5.824	HH	3844	104415	0.88%	0.010%
191	5.830	5.824	5.835	HH	3556	21317	0.18%	0.002%
192	5.841	5.835	5.845	HH	3587	22919	0.19%	0.002%
193	5.853	5.845	5.865	HH	3530	41614	0.35%	0.004%
194	5.883	5.865	5.892	HH	3716	57275	0.48%	0.006%

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195	5.907	5.892	5.929	HH	3802	80155	0.68%	0.008%
196	5.930	5.929	5.935	HH	3574	12685	0.11%	0.001%
197	5.946	5.935	5.950	HH	3716	33376	0.28%	0.003%
198	5.955	5.950	5.972	HH	3772	48786	0.41%	0.005%
199	5.979	5.972	5.986	HH	3833	31820	0.27%	0.003%
200	6.001	5.986	6.021	HH	4053	82339	0.70%	0.008%
201	6.025	6.021	6.038	HH	3904	37712	0.32%	0.004%
202	6.063	6.038	6.073	HH	3948	79844	0.67%	0.008%
203	6.078	6.073	6.084	HH	3870	25575	0.22%	0.003%
204	6.113	6.084	6.118	HH	4117	81665	0.69%	0.008%
205	6.129	6.118	6.145	HH	4223	66375	0.56%	0.007%
206	6.165	6.145	6.173	HH	4529	70517	0.60%	0.007%
207	6.191	6.173	6.284	HH	12918	489936	4.14%	0.048%
208	6.298	6.284	6.325	HH	6009	136397	1.15%	0.013%
209	6.331	6.325	6.342	HH	5311	51110	0.43%	0.005%
210	6.349	6.342	6.377	HH	5315	105185	0.89%	0.010%
211	6.393	6.377	6.413	HH	5015	104836	0.89%	0.010%
212	6.429	6.413	6.453	HH	5491	122796	1.04%	0.012%
213	6.464	6.453	6.483	HH	4971	84809	0.72%	0.008%
214	6.523	6.483	6.535	HH	5935	165449	1.40%	0.016%
215	6.548	6.535	6.560	HH	5660	78816	0.67%	0.008%
216	6.591	6.560	6.613	HH	5811	175336	1.48%	0.017%
217	6.620	6.613	6.632	HH	5465	62854	0.53%	0.006%
218	6.647	6.632	6.671	HH	5485	121433	1.03%	0.012%
219	6.688	6.671	6.700	HH	5711	94770	0.80%	0.009%
220	6.731	6.700	6.736	HH	7479	137561	1.16%	0.014%
221	6.746	6.736	6.778	HH	8034	175479	1.48%	0.017%
222	6.792	6.778	6.827	HH	6063	171721	1.45%	0.017%
223	6.881	6.827	6.902	HH	14276	356481	3.01%	0.035%
224	6.910	6.902	6.936	HH	7631	143906	1.22%	0.014%
225	6.944	6.936	6.964	HH	6782	113450	0.96%	0.011%
226	6.969	6.964	6.981	HH	6580	68029	0.57%	0.007%
227	7.001	6.981	7.022	HH	14041	234886	1.98%	0.023%
228	7.038	7.022	7.056	HH	8978	164840	1.39%	0.016%
229	7.060	7.056	7.073	HH	7457	72430	0.61%	0.007%
230	7.100	7.073	7.130	HH	8214	267495	2.26%	0.026%
231	7.177	7.130	7.196	HH	27506	544402	4.60%	0.054%
232	7.205	7.196	7.212	HH	10512	99106	0.84%	0.010%
233	7.231	7.212	7.321	HH	117026	2016083	17.02%	0.199%
234	7.327	7.321	7.346	HH	10840	153777	1.30%	0.015%
235	7.366	7.346	7.454	HH	74009	1425491	12.04%	0.141%
236	7.470	7.454	7.492	HH	10781	229508	1.94%	0.023%
237	7.510	7.492	7.550	HH	13433	390619	3.30%	0.039%
238	7.564	7.550	7.578	HH	10533	169626	1.43%	0.017%
239	7.610	7.578	7.620	HH	10470	259772	2.19%	0.026%
240	7.628	7.620	7.634	HH	10421	83931	0.71%	0.008%
241	7.642	7.634	7.657	HH	10331	140560	1.19%	0.014%
242	7.669	7.657	7.675	HH	10945	112977	0.95%	0.011%
243	7.697	7.675	7.710	HH	12509	248695	2.10%	0.025%
244	7.721	7.710	7.738	HH	11980	185073	1.56%	0.018%
245	7.749	7.738	7.759	HH	11037	139210	1.18%	0.014%
246	7.771	7.759	7.785	HH	10996	164909	1.39%	0.016%

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247	7.810	7.785	7.837	HH	13215	371210	3.13%	0.037%
248	7.851	7.837	7.863	HH	11531	168383	1.42%	0.017%
249	7.871	7.863	7.882	HH	11345	129407	1.09%	0.013%
250	7.919	7.882	7.934	HH	18409	428313	3.62%	0.042%
251	7.950	7.934	7.959	HH	15959	224112	1.89%	0.022%
252	7.964	7.959	7.975	HH	15675	154485	1.30%	0.015%
253	7.989	7.975	8.014	HH	17135	352387	2.98%	0.035%
254	8.031	8.014	8.057	HH	15712	359300	3.03%	0.035%
255	8.077	8.057	8.102	HH	16803	409060	3.45%	0.040%
256	8.127	8.102	8.144	HH	27771	525131	4.43%	0.052%
257	8.154	8.144	8.174	HH	20880	333943	2.82%	0.033%
258	8.216	8.174	8.221	HH	26394	564607	4.77%	0.056%
259	8.232	8.221	8.284	HH	28870	826198	6.98%	0.082%
260	8.293	8.284	8.306	HH	18084	236199	1.99%	0.023%
261	8.330	8.306	8.348	HH	49248	777132	6.56%	0.077%
262	8.362	8.348	8.372	HH	32352	431548	3.64%	0.043%
263	8.378	8.372	8.418	HH	32196	707126	5.97%	0.070%
264	8.429	8.418	8.444	HH	21769	313422	2.65%	0.031%
265	8.483	8.444	8.488	HH	28667	661798	5.59%	0.065%
266	8.502	8.488	8.534	HH	31001	790843	6.68%	0.078%
267	8.550	8.534	8.592	HH	34128	940425	7.94%	0.093%
268	8.612	8.592	8.644	HH	32798	886161	7.48%	0.088%
269	8.654	8.644	8.664	HH	26999	316168	2.67%	0.031%
270	8.674	8.664	8.701	HH	27404	548389	4.63%	0.054%
271	8.738	8.701	8.753	HH	27218	779453	6.58%	0.077%
272	8.787	8.753	8.813	HH	36667	1109487	9.37%	0.110%
273	8.827	8.813	8.832	HH	36185	394258	3.33%	0.039%
274	8.846	8.832	8.864	HH	44405	774501	6.54%	0.077%
275	8.872	8.864	8.897	HH	41849	778695	6.57%	0.077%
276	8.914	8.897	8.936	HH	63912	1088593	9.19%	0.108%
277	8.968	8.936	8.980	HH	39835	956162	8.07%	0.094%
278	8.995	8.980	9.026	HH	43578	1090042	9.20%	0.108%
279	9.048	9.026	9.102	HH	46277	1874852	15.83%	0.185%
280	9.130	9.102	9.146	HH	75009	1383798	11.68%	0.137%
281	9.154	9.146	9.166	HH	48578	559055	4.72%	0.055%
282	9.180	9.166	9.187	HH	48962	605220	5.11%	0.060%
283	9.203	9.187	9.214	HH	53731	801606	6.77%	0.079%
284	9.222	9.214	9.241	HH	51248	767047	6.48%	0.076%
285	9.263	9.241	9.271	HH	50892	875729	7.39%	0.087%
286	9.287	9.271	9.307	HH	68097	1279299	10.80%	0.126%
287	9.318	9.307	9.326	HH	50919	575801	4.86%	0.057%
288	9.342	9.326	9.355	HH	55627	907386	7.66%	0.090%
289	9.372	9.355	9.400	HH	55196	1434722	12.11%	0.142%
290	9.420	9.400	9.432	HH	62616	1071512	9.05%	0.106%
291	9.444	9.432	9.458	HH	60594	922228	7.79%	0.091%
292	9.468	9.458	9.474	HH	58114	551498	4.66%	0.054%
293	9.527	9.474	9.544	HH	67118	2596443	21.92%	0.256%
294	9.557	9.544	9.563	HH	64658	690775	5.83%	0.068%
295	9.579	9.563	9.589	HH	93219	1278163	10.79%	0.126%
296	9.603	9.589	9.616	HH	96527	1431327	12.08%	0.141%
297	9.623	9.616	9.640	HH	81297	1036591	8.75%	0.102%
298	9.665	9.640	9.684	HH	88854	2083697	17.59%	0.206%
299	9.709	9.684	9.723	HH	84959	1821552	15.38%	0.180%

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300	9.738	9.723	9.750	HH	80570	1210634	10.22%	0.120%
301	9.765	9.750	9.792	HH	93492	2078095	17.55%	0.205%
302	9.831	9.792	9.840	HH	85491	2265004	19.12%	0.224%
303	9.846	9.840	9.874	HH	81879	1627980	13.75%	0.161%
304	9.905	9.874	9.915	HH	90104	2064805	17.43%	0.204%
305	9.946	9.915	9.971	HH	105319	3325262	28.08%	0.328%
306	9.985	9.971	10.002	HH	122543	1979212	16.71%	0.196%
307	10.014	10.002	10.028	HH	100120	1543570	13.03%	0.152%
308	10.067	10.028	10.080	HH	127616	3595155	30.35%	0.355%
309	10.090	10.080	10.099	HH	119630	1298650	10.96%	0.128%
310	10.109	10.099	10.125	HH	120300	1804343	15.23%	0.178%
311	10.132	10.125	10.143	HH	101106	1036497	8.75%	0.102%
312	10.161	10.143	10.177	HH	115376	2215547	18.71%	0.219%
313	10.204	10.177	10.224	HH	111140	2965628	25.04%	0.293%
314	10.234	10.224	10.240	HH	109192	1086557	9.17%	0.107%
315	10.259	10.240	10.288	HH	119621	3241550	27.37%	0.320%
316	10.308	10.288	10.313	HH	121260	1725292	14.57%	0.170%
317	10.333	10.313	10.345	HH	155940	2672989	22.57%	0.264%
318	10.377	10.345	10.400	HH	225395	5467191	46.16%	0.540%
319	10.424	10.400	10.446	HH	159172	3912306	33.03%	0.386%
320	10.465	10.446	10.494	HH	156920	4100942	34.62%	0.405%
321	10.521	10.494	10.552	HH	174740	5115258	43.19%	0.505%
322	10.571	10.552	10.591	HH	139482	3209964	27.10%	0.317%
323	10.624	10.591	10.632	HH	149444	3506346	29.60%	0.346%
324	10.654	10.632	10.688	HH	168707	5180077	43.74%	0.512%
325	10.706	10.688	10.711	HH	166539	2129387	17.98%	0.210%
326	10.726	10.711	10.744	HH	202156	3649899	30.82%	0.361%
327	10.750	10.744	10.764	HH	165775	1975657	16.68%	0.195%
328	10.802	10.764	10.824	HH	391241	9262116	78.20%	0.915%
329	10.844	10.824	10.880	HH	219023	6423395	54.23%	0.635%
330	10.898	10.880	10.913	HH	179532	3424403	28.91%	0.338%
331	10.939	10.913	10.954	HH	179206	4163148	35.15%	0.411%
332	10.982	10.954	10.995	HH	189069	4276736	36.11%	0.422%
333	11.009	10.995	11.024	HH	179493	3102377	26.19%	0.306%
334	11.048	11.024	11.064	HH	213478	4747406	40.08%	0.469%
335	11.072	11.064	11.086	HH	208658	2615973	22.09%	0.258%
336	11.105	11.086	11.114	HH	209147	3330947	28.12%	0.329%
337	11.124	11.114	11.133	HH	208311	2418542	20.42%	0.239%
338	11.143	11.133	11.167	HH	208713	3964436	33.47%	0.392%
339	11.184	11.167	11.196	HH	204883	3444293	29.08%	0.340%
340	11.235	11.196	11.253	HH	225057	6886102	58.14%	0.680%
341	11.282	11.253	11.291	HH	204654	4649929	39.26%	0.459%
342	11.299	11.291	11.312	HH	200550	2497483	21.09%	0.247%
343	11.328	11.312	11.352	HH	212469	4947157	41.77%	0.489%
344	11.374	11.352	11.400	HH	223746	6135443	51.80%	0.606%
345	11.431	11.400	11.447	HH	254019	6399816	54.03%	0.632%
346	11.481	11.447	11.494	HH	245487	6378556	53.85%	0.630%
347	11.526	11.494	11.558	HH	419855	11078409	93.54%	1.094%
348	11.566	11.558	11.577	HH	223314	2400377	20.27%	0.237%
349	11.590	11.577	11.613	HH	222294	4691931	39.61%	0.464%
350	11.636	11.613	11.654	HH	216781	5064107	42.76%	0.500%
351	11.675	11.654	11.689	HH	219133	4388677	37.05%	0.434%

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352	11.699	11.689	11.705	HH	220335	2040786	17.23%	0.202%
353	11.728	11.705	11.774	HH	249576	9684925	81.77%	0.957%
354	11.792	11.774	11.811	HH	230873	5008275	42.29%	0.495%
355	11.833	11.811	11.853	HH	238531	5743011	48.49%	0.567%
356	11.872	11.853	11.884	HH	230507	4259994	35.97%	0.421%
357	11.917	11.884	11.937	HH	241309	7339162	61.97%	0.725%
358	11.951	11.937	11.968	HH	245010	4338804	36.63%	0.429%
359	11.989	11.968	12.012	HH	247017	6251345	52.78%	0.618%
360	12.026	12.012	12.051	HH	235653	5444453	45.97%	0.538%
361	12.084	12.051	12.127	HH	302509	11843950	100.00%	1.170%
362	12.144	12.127	12.158	HH	249801	4416760	37.29%	0.436%
363	12.187	12.158	12.202	HH	260740	6461629	54.56%	0.638%
364	12.209	12.202	12.222	HH	249644	3063641	25.87%	0.303%
365	12.232	12.222	12.274	HH	243884	7164794	60.49%	0.708%
366	12.280	12.274	12.282	HH	215380	1026238	8.66%	0.101%
367	12.303	12.282	12.313	HH	228283	4097966	34.60%	0.405%
368	12.324	12.313	12.330	HH	227954	2241346	18.92%	0.221%
369	12.332	12.330	12.349	HH	227560	2604935	21.99%	0.257%
370	12.376	12.349	12.404	HH	249444	7781769	65.70%	0.769%
371	12.410	12.404	12.430	HH	241041	3648989	30.81%	0.360%
372	12.442	12.430	12.461	HH	234115	4172866	35.23%	0.412%
373	12.465	12.461	12.468	HH	222915	921659	7.78%	0.091%
374	12.485	12.468	12.503	HH	233127	4823781	40.73%	0.477%
375	12.516	12.503	12.527	HH	235428	3333876	28.15%	0.329%
376	12.539	12.527	12.555	HH	231434	3709125	31.32%	0.366%
377	12.566	12.555	12.580	HH	223538	3263829	27.56%	0.322%
378	12.603	12.580	12.617	HH	233233	5023991	42.42%	0.496%
379	12.625	12.617	12.645	HH	231333	3827742	32.32%	0.378%
380	12.663	12.645	12.691	HH	244718	6317571	53.34%	0.624%
381	12.709	12.691	12.723	HH	227900	4199393	35.46%	0.415%
382	12.740	12.723	12.756	HH	250524	4634465	39.13%	0.458%
383	12.773	12.756	12.790	HH	229817	4516570	38.13%	0.446%
384	12.806	12.790	12.833	HH	230948	5810739	49.06%	0.574%
385	12.841	12.833	12.855	HH	217682	2812712	23.75%	0.278%
386	12.861	12.855	12.872	HH	215267	2181273	18.42%	0.215%
387	12.887	12.872	12.924	HH	220583	6416537	54.18%	0.634%
388	12.935	12.924	12.947	HH	200990	2709110	22.87%	0.268%
389	12.965	12.947	12.979	HH	206570	3832899	32.36%	0.379%
390	12.993	12.979	13.012	HH	210512	4179076	35.28%	0.413%
391	13.017	13.012	13.025	HH	209336	1619885	13.68%	0.160%
392	13.030	13.025	13.054	HH	210149	3522392	29.74%	0.348%
393	13.065	13.054	13.081	HH	209108	3245951	27.41%	0.321%
394	13.101	13.081	13.135	HH	204861	6366929	53.76%	0.629%
395	13.139	13.135	13.145	HH	192045	1235510	10.43%	0.122%
396	13.160	13.145	13.176	HH	204380	3678478	31.06%	0.363%
397	13.206	13.176	13.214	HH	201929	4460501	37.66%	0.441%
398	13.236	13.214	13.259	HH	222636	5664432	47.83%	0.560%
399	13.264	13.259	13.287	HH	198897	3219391	27.18%	0.318%
400	13.291	13.287	13.311	HH	195341	2819921	23.81%	0.279%
401	13.322	13.311	13.338	HH	191900	3065627	25.88%	0.303%
402	13.346	13.338	13.361	HH	187265	2486089	20.99%	0.246%
403	13.372	13.361	13.401	HH	189282	4426788	37.38%	0.437%
404	13.416	13.401	13.442	HH	197286	4594695	38.79%	0.454%

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405	13.450	13.442	13.477	HH	185461	3798127	32.07%	0.375%
406	13.488	13.477	13.504	HH	177932	2752454	23.24%	0.272%
407	13.518	13.504	13.526	HH	173537	2291772	19.35%	0.226%
408	13.531	13.526	13.551	HH	169694	2405265	20.31%	0.238%
409	13.575	13.551	13.599	HH	195676	5198324	43.89%	0.514%
410	13.622	13.599	13.649	HH	177456	5214497	44.03%	0.515%
411	13.669	13.649	13.727	HH	171854	7618009	64.32%	0.753%
412	13.746	13.727	13.754	HH	158942	2597181	21.93%	0.257%
413	13.783	13.754	13.819	HH	167266	6219678	52.51%	0.614%
414	13.840	13.819	13.851	HH	167839	3163131	26.71%	0.312%
415	13.855	13.851	13.884	HH	162758	3031220	25.59%	0.299%
416	13.894	13.884	13.900	HH	146730	1389545	11.73%	0.137%
417	13.908	13.900	13.917	HH	149539	1461141	12.34%	0.144%
418	13.934	13.917	13.976	HH	156953	5249235	44.32%	0.519%
419	13.993	13.976	14.036	HH	152773	5254228	44.36%	0.519%
420	14.041	14.036	14.062	HH	138509	2075603	17.52%	0.205%
421	14.082	14.062	14.105	HH	137744	3513088	29.66%	0.347%
422	14.115	14.105	14.128	HH	131927	1772268	14.96%	0.175%
423	14.167	14.128	14.215	HH	152144	7191625	60.72%	0.710%
424	14.228	14.215	14.252	HH	134746	2961477	25.00%	0.293%
425	14.259	14.252	14.290	HH	125512	2745870	23.18%	0.271%
426	14.300	14.290	14.307	HH	122334	1208582	10.20%	0.119%
427	14.316	14.307	14.335	HH	123799	2061799	17.41%	0.204%
428	14.347	14.335	14.361	HH	122996	1904794	16.08%	0.188%
429	14.368	14.361	14.388	HH	120936	1888693	15.95%	0.187%
430	14.395	14.388	14.406	HH	117125	1227339	10.36%	0.121%
431	14.409	14.406	14.426	HH	117863	1442036	12.18%	0.142%
432	14.431	14.426	14.452	HH	114398	1708679	14.43%	0.169%
433	14.466	14.452	14.478	HH	112979	1742707	14.71%	0.172%
434	14.495	14.478	14.535	HH	111268	3653949	30.85%	0.361%
435	14.555	14.535	14.591	HH	111939	3647768	30.80%	0.360%
436	14.606	14.591	14.610	HH	106630	1178135	9.95%	0.116%
437	14.620	14.610	14.651	HH	110320	2555129	21.57%	0.252%
438	14.664	14.651	14.683	HH	99327	1843869	15.57%	0.182%
439	14.694	14.683	14.705	HH	98185	1306080	11.03%	0.129%
440	14.729	14.705	14.734	HH	98393	1656880	13.99%	0.164%
441	14.739	14.734	14.764	HH	99201	1756814	14.83%	0.174%
442	14.773	14.764	14.799	HH	95820	1984615	16.76%	0.196%
443	14.830	14.799	14.860	HH	125470	3639119	30.73%	0.359%
444	14.866	14.860	14.886	HH	88120	1352427	11.42%	0.134%
445	14.891	14.886	14.909	HH	86720	1170348	9.88%	0.116%
446	14.927	14.909	14.950	HH	86144	2080508	17.57%	0.206%
447	14.955	14.950	14.992	HH	83946	2073890	17.51%	0.205%
448	15.004	14.992	15.016	HH	79616	1132477	9.56%	0.112%
449	15.033	15.016	15.053	HH	84018	1788205	15.10%	0.177%
450	15.060	15.053	15.065	HH	79121	568024	4.80%	0.056%
451	15.085	15.065	15.134	HH	85621	3257244	27.50%	0.322%
452	15.140	15.134	15.157	HH	73323	996249	8.41%	0.098%
453	15.175	15.157	15.211	HH	76002	2339757	19.75%	0.231%
454	15.244	15.211	15.256	HH	72378	1918364	16.20%	0.190%
455	15.279	15.256	15.332	HH	73420	3211508	27.12%	0.317%
456	15.338	15.332	15.356	HH	67225	965489	8.15%	0.095%

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457	15.362	15.356	15.369	HH	66050	493149	4.16%	0.049%
458	15.383	15.369	15.405	HH	65847	1408554	11.89%	0.139%
459	15.414	15.405	15.426	HH	65182	800217	6.76%	0.079%
460	15.437	15.426	15.452	HH	64722	1014848	8.57%	0.100%
461	15.458	15.452	15.461	HH	64008	323140	2.73%	0.032%
462	15.469	15.461	15.497	HH	65393	1406479	11.88%	0.139%
463	15.524	15.497	15.529	HH	66166	1241028	10.48%	0.123%
464	15.549	15.529	15.556	HH	68101	1077318	9.10%	0.106%
465	15.576	15.556	15.622	HH	74350	2700566	22.80%	0.267%
466	15.636	15.622	15.667	HH	61942	1597312	13.49%	0.158%
467	15.684	15.667	15.703	HH	56212	1169563	9.87%	0.116%
468	15.730	15.703	15.765	HH	58248	2076832	17.53%	0.205%
469	15.777	15.765	15.784	HH	56177	635501	5.37%	0.063%
470	15.791	15.784	15.816	HH	56149	1075645	9.08%	0.106%
471	15.828	15.816	15.842	HH	53660	818284	6.91%	0.081%
472	15.862	15.842	15.882	HH	57091	1354150	11.43%	0.134%
473	15.885	15.882	15.928	HH	53603	1433842	12.11%	0.142%
474	15.945	15.928	15.960	HH	51763	979540	8.27%	0.097%
475	15.976	15.960	15.990	HH	52452	931901	7.87%	0.092%
476	16.010	15.990	16.017	HH	50885	788633	6.66%	0.078%
477	16.027	16.017	16.037	HH	50800	634616	5.36%	0.063%
478	16.049	16.037	16.066	HH	51565	853280	7.20%	0.084%
479	16.090	16.066	16.144	HH	51963	2262245	19.10%	0.223%
480	16.153	16.144	16.161	HH	46217	468521	3.96%	0.046%
481	16.166	16.161	16.170	HH	46118	266852	2.25%	0.026%
482	16.175	16.170	16.180	HH	46179	255582	2.16%	0.025%
483	16.209	16.180	16.214	HH	47184	947305	8.00%	0.094%
484	16.220	16.214	16.237	HH	47337	641014	5.41%	0.063%
485	16.259	16.237	16.314	HH	47959	2144825	18.11%	0.212%
486	16.319	16.314	16.324	HH	43446	258482	2.18%	0.026%
487	16.340	16.324	16.346	HH	44984	570725	4.82%	0.056%
488	16.365	16.346	16.397	HH	46306	1404742	11.86%	0.139%
489	16.407	16.397	16.414	HH	43823	420656	3.55%	0.042%
490	16.418	16.414	16.431	HH	43671	449254	3.79%	0.044%
491	16.448	16.431	16.480	HH	43845	1275702	10.77%	0.126%
492	16.498	16.480	16.520	HH	43474	1013991	8.56%	0.100%
493	16.532	16.520	16.546	HH	43414	668506	5.64%	0.066%
494	16.556	16.546	16.597	HH	42066	1270944	10.73%	0.126%
495	16.622	16.597	16.656	HH	42496	1437047	12.13%	0.142%
496	16.674	16.656	16.681	HH	41285	618618	5.22%	0.061%
497	16.690	16.681	16.706	HH	41499	620588	5.24%	0.061%
498	16.722	16.706	16.736	HH	41731	733940	6.20%	0.073%
499	16.753	16.736	16.790	HH	42029	1305066	11.02%	0.129%
500	16.810	16.790	16.826	HH	39826	871667	7.36%	0.086%
501	16.831	16.826	16.841	HH	39519	355024	3.00%	0.035%
502	16.859	16.841	16.865	HH	39621	555713	4.69%	0.055%
503	16.870	16.865	16.876	HH	39395	255198	2.15%	0.025%
504	16.881	16.876	16.893	HH	39420	410705	3.47%	0.041%
505	16.901	16.893	16.906	HH	39444	302067	2.55%	0.030%
506	16.909	16.906	16.944	HH	39388	879942	7.43%	0.087%
507	16.966	16.944	16.976	HH	40003	745161	6.29%	0.074%
508	16.997	16.976	17.028	HH	47900	1310924	11.07%	0.130%
509	17.046	17.028	17.065	HH	43177	911418	7.70%	0.090%

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510	17.078	17.065	17.097	HH	39232	741138	6.26%	0.073%
511	17.121	17.097	17.125	HH	38321	632470	5.34%	0.062%
512	17.131	17.125	17.138	HH	38393	299054	2.52%	0.030%
513	17.147	17.138	17.164	HH	38390	596538	5.04%	0.059%
514	17.177	17.164	17.202	HH	38516	862027	7.28%	0.085%
515	17.216	17.202	17.247	HH	38768	1024404	8.65%	0.101%
516	17.263	17.247	17.289	HH	38388	941402	7.95%	0.093%
517	17.295	17.289	17.300	HH	37478	262227	2.21%	0.026%
518	17.326	17.300	17.344	HH	37906	988408	8.35%	0.098%
519	17.360	17.344	17.394	HH	38756	1142493	9.65%	0.113%
520	17.414	17.394	17.422	HH	38372	646891	5.46%	0.064%
521	17.446	17.422	17.477	HH	44060	1314497	11.10%	0.130%
522	17.488	17.477	17.496	HH	37871	415544	3.51%	0.041%
523	17.501	17.496	17.515	HH	37930	438560	3.70%	0.043%
524	17.539	17.515	17.554	HH	39193	900887	7.61%	0.089%
525	17.565	17.554	17.571	HH	38732	390880	3.30%	0.039%
526	17.584	17.571	17.617	HH	39014	1052023	8.88%	0.104%
527	17.623	17.617	17.631	HH	38099	324363	2.74%	0.032%
528	17.666	17.631	17.688	HH	38997	1330481	11.23%	0.131%
529	17.695	17.688	17.712	HH	38686	541216	4.57%	0.053%
530	17.737	17.712	17.747	HH	38910	821080	6.93%	0.081%
531	17.758	17.747	17.774	HH	38975	622499	5.26%	0.061%
532	17.807	17.774	17.821	HH	39760	1106761	9.34%	0.109%
533	17.851	17.821	17.860	HH	40184	948159	8.01%	0.094%
534	17.884	17.860	17.914	HH	49395	1397402	11.80%	0.138%
535	17.920	17.914	17.929	HH	40091	346761	2.93%	0.034%
536	17.943	17.929	17.947	HH	40298	434604	3.67%	0.043%
537	17.977	17.947	18.002	HH	46098	1404035	11.85%	0.139%
538	18.008	18.002	18.016	HH	41338	342008	2.89%	0.034%
539	18.052	18.016	18.071	HH	45049	1406388	11.87%	0.139%
540	18.085	18.071	18.103	HH	42680	805701	6.80%	0.080%
541	18.108	18.103	18.126	HH	42200	584998	4.94%	0.058%
542	18.146	18.126	18.173	HH	43376	1220289	10.30%	0.121%
543	18.180	18.173	18.187	HH	42504	345471	2.92%	0.034%
544	18.230	18.187	18.266	HH	46194	2099336	17.72%	0.207%
545	18.272	18.266	18.277	HH	43966	287372	2.43%	0.028%
546	18.305	18.277	18.339	HH	52778	1742711	14.71%	0.172%
547	18.424	18.339	18.474	HH	51052	3819518	32.25%	0.377%
548	18.479	18.474	18.486	HH	47144	347711	2.94%	0.034%
549	18.505	18.486	18.515	HH	47510	824287	6.96%	0.081%
550	18.523	18.515	18.527	HH	47632	353611	2.99%	0.035%
551	18.565	18.527	18.572	HH	49196	1289298	10.89%	0.127%
552	18.583	18.572	18.601	HH	49251	879017	7.42%	0.087%
553	18.617	18.601	18.636	HH	49551	1010044	8.53%	0.100%
554	18.676	18.636	18.691	HH	54004	1699111	14.35%	0.168%
555	18.711	18.691	18.762	HH	60336	2331940	19.69%	0.230%
556	18.818	18.762	18.837	HH	56148	2394200	20.21%	0.237%
557	18.841	18.837	18.864	HH	54362	863189	7.29%	0.085%
558	18.896	18.864	18.906	HH	54369	1360020	11.48%	0.134%
559	18.922	18.906	18.934	HH	54616	912790	7.71%	0.090%
560	18.962	18.934	18.967	HH	55157	1078323	9.10%	0.107%
561	18.998	18.967	19.002	HH	56389	1157248	9.77%	0.114%

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562	19.018	19.002	19.023	HH	56861	716413	6.05%	0.071%
563	19.111	19.023	19.130	HH	62833	3776812	31.89%	0.373%
564	19.136	19.130	19.141	HH	60534	392816	3.32%	0.039%
565	19.155	19.141	19.163	HH	61260	821585	6.94%	0.081%
566	19.168	19.163	19.179	HH	60804	572205	4.83%	0.057%
567	19.224	19.179	19.230	HH	61915	1897574	16.02%	0.187%
568	19.275	19.230	19.286	HH	64171	2093566	17.68%	0.207%
569	19.305	19.286	19.311	HH	64471	965705	8.15%	0.095%
570	19.316	19.311	19.320	HH	64641	348751	2.94%	0.034%
571	19.331	19.320	19.336	HH	64751	615561	5.20%	0.061%
572	19.373	19.336	19.378	HH	65863	1648529	13.92%	0.163%
573	19.413	19.378	19.418	HH	66576	1583968	13.37%	0.156%
574	19.444	19.418	19.457	HH	67775	1603894	13.54%	0.158%
575	19.496	19.457	19.521	HH	72015	2627651	22.19%	0.260%
576	19.555	19.521	19.565	HH	70527	1872228	15.81%	0.185%
577	19.601	19.565	19.625	HH	75805	2604503	21.99%	0.257%
578	19.647	19.625	19.657	HH	72943	1409461	11.90%	0.139%
579	19.725	19.657	19.730	HH	76057	3250889	27.45%	0.321%
580	19.785	19.730	19.809	HH	78744	3655466	30.86%	0.361%
581	19.852	19.809	19.857	HH	81915	2311725	19.52%	0.228%
582	19.874	19.857	19.889	HH	84572	1607454	13.57%	0.159%
583	19.892	19.889	19.898	HH	83809	444398	3.75%	0.044%
584	19.907	19.898	19.913	HH	83776	770187	6.50%	0.076%
585	19.920	19.913	19.960	HH	84497	2350867	19.85%	0.232%
586	19.978	19.960	19.986	HH	83916	1271387	10.73%	0.126%
587	19.991	19.986	19.998	HH	83977	595045	5.02%	0.059%
588	20.061	19.998	20.067	HH	87712	3567954	30.12%	0.352%
589	20.073	20.067	20.076	HH	87672	452487	3.82%	0.045%
590	20.104	20.076	20.109	HH	89336	1749064	14.77%	0.173%
591	20.145	20.109	20.152	HH	92007	2334071	19.71%	0.231%
592	20.178	20.152	20.186	HH	93213	1898081	16.03%	0.188%
593	20.236	20.186	20.248	HH	97254	3528254	29.79%	0.349%
594	20.270	20.248	20.291	HH	98114	2489087	21.02%	0.246%
595	20.348	20.291	20.357	HH	99355	3939866	33.26%	0.389%
596	20.361	20.357	20.365	HH	98975	419337	3.54%	0.041%
597	20.370	20.365	20.376	HH	99292	690451	5.83%	0.068%
598	20.415	20.376	20.431	HH	102281	3319072	28.02%	0.328%
599	20.468	20.431	20.486	HH	102891	3357720	28.35%	0.332%
600	20.515	20.486	20.532	HH	103146	2781258	23.48%	0.275%
601	20.557	20.532	20.563	HH	103543	1953407	16.49%	0.193%
602	20.571	20.563	20.577	HH	103322	877652	7.41%	0.087%
603	20.592	20.577	20.626	HH	104369	3028526	25.57%	0.299%
604	20.634	20.626	20.649	HH	104000	1404173	11.86%	0.139%
605	20.665	20.649	20.696	HH	104356	2944513	24.86%	0.291%
606	20.704	20.696	20.727	HH	104418	1964467	16.59%	0.194%
607	20.764	20.727	20.769	HH	105841	2627214	22.18%	0.260%
608	20.773	20.769	20.796	HH	105046	1670851	14.11%	0.165%
609	20.803	20.796	20.807	HH	104004	692827	5.85%	0.068%
610	20.816	20.807	20.831	HH	104368	1492474	12.60%	0.147%
611	20.840	20.831	20.844	HH	104884	832701	7.03%	0.082%
612	20.867	20.844	20.878	HH	105249	2109841	17.81%	0.208%
613	20.884	20.878	20.892	HH	104550	920886	7.78%	0.091%
614	20.908	20.892	20.914	HH	104330	1352617	11.42%	0.134%

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615	20.923	20.914	20.930	HH	105256	976121	8.24%	0.096%
616	20.942	20.930	20.949	HH	105596	1221845	10.32%	0.121%
617	20.955	20.949	20.972	HH	105158	1471096	12.42%	0.145%
618	20.991	20.972	21.016	HH	106038	2735105	23.09%	0.270%
619	21.024	21.016	21.029	HH	104977	858162	7.25%	0.085%
620	21.037	21.029	21.054	HH	105187	1550933	13.09%	0.153%
621	21.062	21.054	21.068	HH	105458	864542	7.30%	0.085%
622	21.072	21.068	21.087	HH	105126	1228011	10.37%	0.121%
623	21.100	21.087	21.105	HH	105495	1103411	9.32%	0.109%
624	21.113	21.105	21.126	HH	105502	1344103	11.35%	0.133%
625	21.131	21.126	21.136	HH	105831	597605	5.05%	0.059%
626	21.141	21.136	21.146	HH	105738	655885	5.54%	0.065%
627	21.174	21.146	21.196	HH	107169	3201840	27.03%	0.316%
628	21.204	21.196	21.210	HH	107139	890654	7.52%	0.088%
629	21.217	21.210	21.225	HH	107289	961743	8.12%	0.095%
630	21.230	21.225	21.235	HH	106352	642927	5.43%	0.064%
631	21.241	21.235	21.247	HH	105969	706796	5.97%	0.070%
632	21.256	21.247	21.264	HH	106510	1122284	9.48%	0.111%
633	21.270	21.264	21.281	HH	106096	1058307	8.94%	0.105%
634	21.294	21.281	21.299	HH	105956	1133900	9.57%	0.112%
635	21.319	21.299	21.346	HH	107662	3000044	25.33%	0.296%
636	21.364	21.346	21.376	HH	105748	1890987	15.97%	0.187%
637	21.382	21.376	21.397	HH	105260	1368325	11.55%	0.135%
638	21.403	21.397	21.407	HH	105353	628868	5.31%	0.062%
639	21.411	21.407	21.417	HH	105011	570736	4.82%	0.056%
640	21.450	21.417	21.454	HH	105675	2368259	20.00%	0.234%
641	21.458	21.454	21.481	HH	105430	1664371	14.05%	0.164%
642	21.489	21.481	21.494	HH	105192	869475	7.34%	0.086%
643	21.505	21.494	21.513	HH	105390	1178740	9.95%	0.116%
644	21.520	21.513	21.541	HH	105616	1742707	14.71%	0.172%
645	21.550	21.541	21.569	HH	105319	1781363	15.04%	0.176%
646	21.575	21.569	21.589	HH	105123	1250888	10.56%	0.124%
647	21.596	21.589	21.613	HH	104882	1466105	12.38%	0.145%
648	21.617	21.613	21.622	HH	104065	567402	4.79%	0.056%
649	21.647	21.622	21.655	HH	104453	2077145	17.54%	0.205%
650	21.662	21.655	21.666	HH	104197	669022	5.65%	0.066%
651	21.671	21.666	21.684	HH	104210	1141858	9.64%	0.113%
652	21.697	21.684	21.702	HH	104607	1115555	9.42%	0.110%
653	21.711	21.702	21.731	HH	104500	1792834	15.14%	0.177%
654	21.738	21.731	21.778	HH	104164	2944288	24.86%	0.291%
655	21.787	21.778	21.792	HH	102726	861233	7.27%	0.085%
656	21.802	21.792	21.813	HH	103096	1306164	11.03%	0.129%
657	21.827	21.813	21.842	HH	103147	1797553	15.18%	0.178%
658	21.851	21.842	21.862	HH	102993	1214588	10.25%	0.120%
659	21.869	21.862	21.877	HH	103057	910021	7.68%	0.090%
660	21.885	21.877	21.905	HH	103619	1739708	14.69%	0.172%
661	21.914	21.905	21.920	HH	102934	894760	7.55%	0.088%
662	21.928	21.920	21.933	HH	103439	815829	6.89%	0.081%
663	21.939	21.933	21.944	HH	103942	712644	6.02%	0.070%
664	21.948	21.944	21.956	HH	103567	709850	5.99%	0.070%
665	21.973	21.956	21.998	HH	103929	2611782	22.05%	0.258%
666	22.008	21.998	22.017	HH	103134	1199420	10.13%	0.118%

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667	22.022	22.017	22.041	HH	102907	1432492	12.09%	0.142%
668	22.051	22.041	22.057	HH	101514	1013498	8.56%	0.100%
669	22.069	22.057	22.078	HH	102134	1226946	10.36%	0.121%
670	22.092	22.078	22.102	HH	101737	1481522	12.51%	0.146%
671	22.112	22.102	22.118	HH	101787	963966	8.14%	0.095%
672	22.128	22.118	22.156	HH	102267	2339935	19.76%	0.231%
673	22.167	22.156	22.171	HH	100627	866345	7.31%	0.086%
674	22.177	22.171	22.192	HH	101127	1301787	10.99%	0.129%
675	22.204	22.192	22.211	HH	100667	1117644	9.44%	0.110%
676	22.220	22.211	22.230	HH	100895	1138883	9.62%	0.113%
677	22.238	22.230	22.245	HH	100618	918842	7.76%	0.091%
678	22.248	22.245	22.283	HH	100051	2249380	18.99%	0.222%
679	22.289	22.283	22.301	HH	100028	1127110	9.52%	0.111%
680	22.307	22.301	22.312	HH	99417	658577	5.56%	0.065%
681	22.320	22.312	22.326	HH	100132	819496	6.92%	0.081%
682	22.331	22.326	22.338	HH	99801	696802	5.88%	0.069%
683	22.343	22.338	22.347	HH	100172	569091	4.80%	0.056%
684	22.353	22.347	22.361	HH	100092	836457	7.06%	0.083%
685	22.366	22.361	22.381	HH	99537	1161054	9.80%	0.115%
686	22.389	22.381	22.395	HH	99361	838990	7.08%	0.083%
687	22.410	22.395	22.417	HH	99025	1307959	11.04%	0.129%
688	22.423	22.417	22.449	HH	98812	1892199	15.98%	0.187%
689	22.460	22.449	22.471	HH	97854	1268274	10.71%	0.125%
690	22.480	22.471	22.488	HH	98006	999015	8.43%	0.099%
691	22.492	22.488	22.498	HH	97991	568405	4.80%	0.056%
692	22.509	22.498	22.515	HH	98250	1029399	8.69%	0.102%
693	22.527	22.515	22.541	HH	98186	1508319	12.73%	0.149%
694	22.545	22.541	22.551	HH	98090	609015	5.14%	0.060%
695	22.562	22.551	22.570	HH	98268	1089534	9.20%	0.108%
696	22.577	22.570	22.591	HH	97656	1215903	10.27%	0.120%
697	22.598	22.591	22.611	HH	97460	1196628	10.10%	0.118%
698	22.621	22.611	22.626	HH	97080	846136	7.14%	0.084%
699	22.629	22.626	22.634	HH	97150	480466	4.06%	0.047%
700	22.643	22.634	22.677	HH	97375	2481928	20.96%	0.245%
701	22.685	22.677	22.696	HH	96866	1098437	9.27%	0.109%
702	22.708	22.696	22.716	HH	97408	1190520	10.05%	0.118%
703	22.725	22.716	22.741	HH	97293	1422739	12.01%	0.141%
704	22.752	22.741	22.757	HH	97190	944414	7.97%	0.093%
705	22.761	22.757	22.782	HH	97303	1486240	12.55%	0.147%
706	22.787	22.782	22.800	HH	96094	1019940	8.61%	0.101%
707	22.808	22.800	22.816	HH	95646	887891	7.50%	0.088%
708	22.826	22.816	22.835	HH	94818	1115146	9.42%	0.110%
709	22.845	22.835	22.854	HH	95587	1063693	8.98%	0.105%
710	22.859	22.854	22.878	HH	95027	1365982	11.53%	0.135%
711	22.895	22.878	22.906	HH	95252	1552104	13.10%	0.153%
712	22.916	22.906	22.931	HH	96145	1462837	12.35%	0.145%
713	22.938	22.931	22.947	HH	95004	915991	7.73%	0.090%
714	22.954	22.947	22.960	HH	94756	715316	6.04%	0.071%
715	22.966	22.960	22.974	HH	94788	804754	6.79%	0.079%
716	22.983	22.974	22.994	HH	94785	1099147	9.28%	0.109%
717	23.008	22.994	23.013	HH	94683	1082690	9.14%	0.107%
718	23.020	23.013	23.027	HH	95098	839859	7.09%	0.083%
719	23.034	23.027	23.041	HH	94560	766600	6.47%	0.076%

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720	23.053	23.041	23.064	HH	94446	1299660	10.97%	0.128%
721	23.070	23.064	23.095	HH	94093	1726270	14.58%	0.171%
722	23.104	23.095	23.123	HH	93584	1561176	13.18%	0.154%
723	23.130	23.123	23.146	HH	93659	1284380	10.84%	0.127%
724	23.160	23.146	23.165	HH	92731	1089008	9.19%	0.108%
725	23.190	23.165	23.241	HH	93941	4182381	35.31%	0.413%
726	23.256	23.241	23.285	HH	91641	2437497	20.58%	0.241%
727	23.308	23.285	23.330	HH	91034	2441312	20.61%	0.241%
728	23.347	23.330	23.355	HH	91204	1374569	11.61%	0.136%
729	23.365	23.355	23.400	HH	91335	2435898	20.57%	0.241%
730	23.406	23.400	23.414	HH	90675	759400	6.41%	0.075%
731	23.420	23.414	23.423	HH	90065	496445	4.19%	0.049%
732	23.429	23.423	23.435	HH	90165	644570	5.44%	0.064%
733	23.445	23.435	23.451	HH	90393	856076	7.23%	0.085%
734	23.456	23.451	23.462	HH	90186	590946	4.99%	0.058%
735	23.470	23.462	23.480	HH	90711	984512	8.31%	0.097%
736	23.489	23.480	23.494	HH	90322	744756	6.29%	0.074%
737	23.501	23.494	23.506	HH	90283	671538	5.67%	0.066%
738	23.517	23.506	23.526	HH	90290	1055857	8.91%	0.104%
739	23.536	23.526	23.545	HH	90318	1024218	8.65%	0.101%
740	23.553	23.545	23.588	HH	90068	2291550	19.35%	0.226%
741	23.600	23.588	23.613	HH	89466	1374870	11.61%	0.136%
742	23.622	23.613	23.627	HH	89542	755577	6.38%	0.075%
743	23.634	23.627	23.641	HH	89399	713498	6.02%	0.070%
744	23.646	23.641	23.671	HH	89534	1607514	13.57%	0.159%
745	23.675	23.671	23.682	HH	89254	584492	4.93%	0.058%
746	23.703	23.682	23.713	HH	89844	1671809	14.12%	0.165%
747	23.720	23.713	23.753	HH	89857	2144651	18.11%	0.212%
748	23.760	23.753	23.785	HH	88810	1698101	14.34%	0.168%
749	23.795	23.785	23.810	HH	88060	1305045	11.02%	0.129%
750	23.823	23.810	23.832	HH	88032	1132767	9.56%	0.112%
751	23.843	23.832	23.848	HH	88172	869706	7.34%	0.086%
752	23.857	23.848	23.863	HH	88064	801550	6.77%	0.079%
753	23.867	23.863	23.877	HH	87664	714605	6.03%	0.071%
754	23.897	23.877	23.912	HH	87936	1856205	15.67%	0.183%
755	23.947	23.912	23.967	HH	88629	2886344	24.37%	0.285%
756	23.973	23.967	23.987	HH	88111	1064511	8.99%	0.105%
757	23.993	23.987	23.996	HH	86869	453992	3.83%	0.045%
758	24.011	23.996	24.033	HH	87358	1943331	16.41%	0.192%
759	24.037	24.033	24.051	HH	86873	901825	7.61%	0.089%
760	24.063	24.051	24.075	HH	86697	1244714	10.51%	0.123%
761	24.081	24.075	24.095	HH	86200	1052702	8.89%	0.104%
762	24.100	24.095	24.106	HH	86084	566442	4.78%	0.056%
763	24.131	24.106	24.154	HH	86400	2467090	20.83%	0.244%
764	24.164	24.154	24.194	HH	85931	2054499	17.35%	0.203%
765	24.207	24.194	24.213	HH	85610	995256	8.40%	0.098%
766	24.219	24.213	24.228	HH	85899	744460	6.29%	0.074%
767	24.234	24.228	24.247	HH	85428	964259	8.14%	0.095%
768	24.259	24.247	24.273	HH	85176	1362241	11.50%	0.135%
769	24.281	24.273	24.294	HH	84966	1022532	8.63%	0.101%

Sum of corrected areas: 1012276657

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