

rteres

Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE030318\
Data File : FE026397.D
Signal(s) : FID1B.CH
Acq On : 03 Mar 2018 13:54
Sample : J1786-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: sample.e

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

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.405	2.402	2.411	PH	114	327	0.00%	0.000%
2	2.429	2.411	2.450	PH	1353	12920	0.04%	0.001%
3	2.454	2.450	2.460	HH	190	665	0.00%	0.000%
4	2.471	2.460	2.477	HH	246	1910	0.01%	0.000%
5	2.494	2.477	2.500	HH	414	3293	0.01%	0.000%
6	2.505	2.500	2.530	HH	302	2748	0.01%	0.000%
7	2.534	2.530	2.540	PH	157	386	0.00%	0.000%
8	2.549	2.540	2.576	PH	191	1973	0.01%	0.000%
9	2.584	2.576	2.595	PH	308	1551	0.00%	0.000%
10	2.601	2.595	2.611	HH	234	1427	0.00%	0.000%
11	2.622	2.611	2.626	HH	252	1299	0.00%	0.000%
12	2.639	2.626	2.652	HH	558	5908	0.02%	0.000%
13	2.661	2.652	2.674	HH	1268	13464	0.04%	0.001%
14	2.691	2.674	2.698	HH	1500	16336	0.04%	0.001%
15	2.702	2.698	2.725	HH	1055	9060	0.02%	0.000%
16	2.737	2.725	2.752	HH	1171	11333	0.03%	0.000%
17	2.762	2.752	2.780	HH	791	8727	0.02%	0.000%
18	2.784	2.780	2.791	HH	448	2183	0.01%	0.000%
19	2.802	2.791	2.807	HH	460	3852	0.01%	0.000%
20	2.816	2.807	2.823	HH	539	4090	0.01%	0.000%
21	2.830	2.823	2.835	HH	604	3056	0.01%	0.000%
22	2.843	2.835	2.849	HH	550	3354	0.01%	0.000%
23	2.864	2.849	2.878	HH	563	7761	0.02%	0.000%
24	2.895	2.878	2.931	HH	1776	38755	0.11%	0.002%
25	2.936	2.931	2.955	HH	1066	12629	0.03%	0.000%
26	2.961	2.955	2.970	HH	965	7628	0.02%	0.000%
27	2.995	2.970	3.000	HH	2009	24846	0.07%	0.001%
28	3.010	3.000	3.035	HH	2080	40225	0.11%	0.002%
29	3.054	3.035	3.069	HH	2155	40271	0.11%	0.002%
30	3.078	3.069	3.095	HH	1876	27045	0.07%	0.001%
31	3.100	3.095	3.106	HH	1568	9963	0.03%	0.000%
32	3.123	3.106	3.152	HH	1971	42773	0.12%	0.002%
33	3.167	3.152	3.187	HH	1727	31402	0.09%	0.001%
34	3.201	3.187	3.214	HH	1778	25684	0.07%	0.001%
35	3.229	3.214	3.235	HH	1681	19967	0.05%	0.001%
36	3.240	3.235	3.249	HH	1749	13345	0.04%	0.001%

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37	3.261	3.249	3.287	HH	1580	33542	0.09%	0.001%
38	3.292	3.287	3.317	HH	1406	23102	0.06%	0.001%
39	3.332	3.317	3.342	HH	1295	17878	0.05%	0.001%
40	3.345	3.342	3.353	HH	1299	7803	0.02%	0.000%
41	3.358	3.353	3.375	HH	1512	16736	0.05%	0.001%
42	3.377	3.375	3.382	HH	1180	5011	0.01%	0.000%
43	3.389	3.382	3.399	HH	1291	11890	0.03%	0.000%
44	3.430	3.399	3.460	HH	1985	57820	0.16%	0.002%
45	3.465	3.460	3.469	HH	1412	7191	0.02%	0.000%
46	3.475	3.469	3.485	HH	1320	11854	0.03%	0.000%
47	3.487	3.485	3.504	HH	1345	13349	0.04%	0.001%
48	3.509	3.504	3.518	HH	1323	10407	0.03%	0.000%
49	3.535	3.518	3.546	HH	1758	24683	0.07%	0.001%
50	3.561	3.546	3.575	HH	1585	25138	0.07%	0.001%
51	3.580	3.575	3.587	HH	1404	9503	0.03%	0.000%
52	3.591	3.587	3.615	HH	1589	25194	0.07%	0.001%
53	3.631	3.615	3.641	HH	1499	21972	0.06%	0.001%
54	3.647	3.641	3.654	HH	1613	11941	0.03%	0.000%
55	3.659	3.654	3.663	HH	1520	8281	0.02%	0.000%
56	3.676	3.663	3.698	HH	2170	38863	0.11%	0.002%
57	3.707	3.698	3.717	HH	1889	19939	0.05%	0.001%
58	3.727	3.717	3.750	HH	1800	32400	0.09%	0.001%
59	3.754	3.750	3.762	HH	1591	10792	0.03%	0.000%
60	3.778	3.762	3.789	HH	2173	30848	0.08%	0.001%
61	3.793	3.789	3.803	HH	1931	16105	0.04%	0.001%
62	3.808	3.803	3.811	HH	1972	8824	0.02%	0.000%
63	3.814	3.811	3.819	HH	1955	9586	0.03%	0.000%
64	3.834	3.819	3.842	HH	1995	26287	0.07%	0.001%
65	3.848	3.842	3.868	HH	2267	31026	0.08%	0.001%
66	3.874	3.868	3.888	HH	1929	21467	0.06%	0.001%
67	3.899	3.888	3.907	HH	1860	20533	0.06%	0.001%
68	3.911	3.907	3.915	HH	1759	8535	0.02%	0.000%
69	3.943	3.915	3.965	HH	2857	64811	0.18%	0.003%
70	3.972	3.965	3.978	HH	2031	15875	0.04%	0.001%
71	4.012	3.978	4.017	HH	3167	59187	0.16%	0.002%
72	4.028	4.017	4.041	HH	4017	49150	0.13%	0.002%
73	4.045	4.041	4.086	HH	3256	73233	0.20%	0.003%
74	4.101	4.086	4.121	HH	3133	57754	0.16%	0.002%
75	4.134	4.121	4.149	HH	3647	50867	0.14%	0.002%
76	4.165	4.149	4.185	HH	5786	79814	0.22%	0.003%
77	4.195	4.185	4.202	HH	2486	23676	0.06%	0.001%
78	4.209	4.202	4.216	HH	2308	18206	0.05%	0.001%
79	4.220	4.216	4.227	HH	2297	15790	0.04%	0.001%
80	4.241	4.227	4.259	HH	2449	43964	0.12%	0.002%
81	4.274	4.259	4.318	HH	3046	97313	0.26%	0.004%
82	4.323	4.318	4.342	HH	2705	38291	0.10%	0.002%
83	4.347	4.342	4.352	HH	2685	16273	0.04%	0.001%
84	4.367	4.352	4.372	HH	2835	31564	0.09%	0.001%
85	4.382	4.372	4.396	HH	2965	40682	0.11%	0.002%
86	4.421	4.396	4.429	HH	2994	57366	0.16%	0.002%
87	4.435	4.429	4.439	HH	2982	17255	0.05%	0.001%
88	4.443	4.439	4.450	HH	2967	18979	0.05%	0.001%
89	4.470	4.450	4.498	HH	4028	93080	0.25%	0.004%

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90	4.505	4.498	4.521	HH	2854	39122	0.11%	0.002%
91	4.556	4.521	4.570	HH	3386	90303	0.24%	0.004%
92	4.587	4.570	4.627	HH	5377	134886	0.37%	0.005%
93	4.651	4.627	4.659	HH	3813	68261	0.19%	0.003%
94	4.662	4.659	4.667	HH	3826	17186	0.05%	0.001%
95	4.678	4.667	4.708	HH	3909	90403	0.25%	0.004%
96	4.717	4.708	4.730	HH	3851	46383	0.13%	0.002%
97	4.743	4.730	4.756	HH	3388	51063	0.14%	0.002%
98	4.760	4.756	4.776	HH	3419	38414	0.10%	0.002%
99	4.782	4.776	4.786	HH	3148	18316	0.05%	0.001%
100	4.793	4.786	4.801	HH	3248	28114	0.08%	0.001%
101	4.806	4.801	4.812	HH	3227	19500	0.05%	0.001%
102	4.816	4.812	4.824	HH	3074	22597	0.06%	0.001%
103	4.835	4.824	4.846	HH	3141	39442	0.11%	0.002%
104	4.867	4.846	4.896	HH	3577	97482	0.26%	0.004%
105	4.901	4.896	4.912	HH	3247	31032	0.08%	0.001%
106	4.917	4.912	4.921	HH	3214	16587	0.04%	0.001%
107	4.940	4.921	4.964	HH	3859	89435	0.24%	0.004%
108	4.971	4.964	4.977	HH	3576	25640	0.07%	0.001%
109	4.982	4.977	4.993	HH	3334	33321	0.09%	0.001%
110	5.002	4.993	5.008	HH	3378	28955	0.08%	0.001%
111	5.016	5.008	5.021	HH	3304	25695	0.07%	0.001%
112	5.029	5.021	5.034	HH	3316	24830	0.07%	0.001%
113	5.074	5.034	5.095	HH	4009	131026	0.36%	0.005%
114	5.108	5.095	5.123	HH	3843	62189	0.17%	0.002%
115	5.146	5.123	5.163	HH	4724	99091	0.27%	0.004%
116	5.179	5.163	5.195	HH	4492	77767	0.21%	0.003%
117	5.204	5.195	5.243	HH	4182	112916	0.31%	0.004%
118	5.251	5.243	5.263	HH	3784	42865	0.12%	0.002%
119	5.270	5.263	5.282	HH	3754	41595	0.11%	0.002%
120	5.307	5.282	5.313	HH	3934	73207	0.20%	0.003%
121	5.343	5.313	5.358	HH	4265	106738	0.29%	0.004%
122	5.363	5.358	5.368	HH	4155	25408	0.07%	0.001%
123	5.385	5.368	5.395	HH	4706	70709	0.19%	0.003%
124	5.399	5.395	5.433	HH	4642	101191	0.27%	0.004%
125	5.455	5.433	5.480	HH	4430	118663	0.32%	0.005%
126	5.501	5.480	5.517	HH	5908	111342	0.30%	0.004%
127	5.525	5.517	5.546	HH	4913	82148	0.22%	0.003%
128	5.555	5.546	5.572	HH	4693	70509	0.19%	0.003%
129	5.576	5.572	5.600	HH	4369	70064	0.19%	0.003%
130	5.604	5.600	5.607	HH	4131	18398	0.05%	0.001%
131	5.648	5.607	5.653	HH	4674	120894	0.33%	0.005%
132	5.676	5.653	5.707	HH	5436	159173	0.43%	0.006%
133	5.735	5.707	5.753	HH	4950	134448	0.36%	0.005%
134	5.759	5.753	5.764	HH	4818	31777	0.09%	0.001%
135	5.809	5.764	5.824	HH	5341	182532	0.50%	0.007%
136	5.830	5.824	5.836	HH	5272	35870	0.10%	0.001%
137	5.850	5.836	5.880	HH	5290	136724	0.37%	0.005%
138	5.904	5.880	5.929	HH	5345	146440	0.40%	0.006%
139	5.958	5.929	5.962	HH	5275	101506	0.28%	0.004%
140	5.968	5.962	5.980	HH	5258	53229	0.14%	0.002%
141	6.002	5.980	6.020	HH	5570	128875	0.35%	0.005%

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142	6.026	6.020	6.036	HH	5302	49640	0.13%	0.002%
143	6.049	6.036	6.078	HH	5517	136441	0.37%	0.005%
144	6.099	6.078	6.125	HH	10346	235989	0.64%	0.009%
145	6.134	6.125	6.168	HH	8423	199156	0.54%	0.008%
146	6.191	6.168	6.228	HH	10331	278142	0.75%	0.011%
147	6.241	6.228	6.258	HH	6717	117647	0.32%	0.005%
148	6.281	6.258	6.302	HH	6722	168490	0.46%	0.007%
149	6.315	6.302	6.335	HH	6572	126638	0.34%	0.005%
150	6.356	6.335	6.368	HH	6600	125999	0.34%	0.005%
151	6.399	6.368	6.422	HH	7019	219262	0.59%	0.009%
152	6.428	6.422	6.446	HH	6835	97117	0.26%	0.004%
153	6.451	6.446	6.461	HH	6633	58675	0.16%	0.002%
154	6.479	6.461	6.503	HH	9369	191325	0.52%	0.008%
155	6.516	6.503	6.534	HH	6922	123799	0.34%	0.005%
156	6.542	6.534	6.552	HH	6713	69703	0.19%	0.003%
157	6.567	6.552	6.587	HH	7021	144482	0.39%	0.006%
158	6.595	6.587	6.600	HH	6906	51231	0.14%	0.002%
159	6.604	6.600	6.608	HH	6871	34057	0.09%	0.001%
160	6.624	6.608	6.645	HH	8695	172102	0.47%	0.007%
161	6.661	6.645	6.683	HH	8128	172508	0.47%	0.007%
162	6.700	6.683	6.708	HH	7405	108745	0.29%	0.004%
163	6.715	6.708	6.719	HH	7253	45162	0.12%	0.002%
164	6.745	6.719	6.762	HH	7904	200793	0.54%	0.008%
165	6.796	6.762	6.817	HH	8908	261635	0.71%	0.010%
166	6.835	6.817	6.848	HH	8385	149553	0.41%	0.006%
167	6.870	6.848	6.876	HH	8218	131050	0.36%	0.005%
168	6.880	6.876	6.892	HH	8100	76365	0.21%	0.003%
169	6.903	6.892	6.917	HH	8180	123292	0.33%	0.005%
170	6.934	6.917	6.949	HH	8858	160337	0.43%	0.006%
171	6.953	6.949	6.959	HH	8200	48741	0.13%	0.002%
172	6.975	6.959	6.986	HH	9409	144218	0.39%	0.006%
173	6.995	6.986	7.006	HH	9426	109627	0.30%	0.004%
174	7.019	7.006	7.022	HH	9396	89115	0.24%	0.004%
175	7.034	7.022	7.054	HH	9543	171792	0.47%	0.007%
176	7.077	7.054	7.100	HH	10970	263343	0.71%	0.010%
177	7.130	7.100	7.144	HH	9733	243796	0.66%	0.010%
178	7.175	7.144	7.220	HH	13293	503399	1.37%	0.020%
179	7.228	7.220	7.245	HH	10057	146014	0.40%	0.006%
180	7.280	7.245	7.337	HH	13141	609713	1.65%	0.024%
181	7.351	7.337	7.355	HH	10411	106780	0.29%	0.004%
182	7.358	7.355	7.376	HH	10341	124564	0.34%	0.005%
183	7.400	7.376	7.472	HH	15843	650610	1.76%	0.026%
184	7.496	7.472	7.501	HH	10705	178372	0.48%	0.007%
185	7.521	7.501	7.539	HH	11290	250889	0.68%	0.010%
186	7.585	7.539	7.603	HH	12479	433651	1.18%	0.017%
187	7.626	7.603	7.639	HH	11105	229526	0.62%	0.009%
188	7.652	7.639	7.668	HH	11678	201345	0.55%	0.008%
189	7.689	7.668	7.709	HH	12617	294388	0.80%	0.012%
190	7.737	7.709	7.757	HH	12728	349028	0.95%	0.014%
191	7.775	7.757	7.792	HH	12856	261332	0.71%	0.010%
192	7.808	7.792	7.812	HH	13049	153872	0.42%	0.006%
193	7.828	7.812	7.842	HH	15513	259502	0.70%	0.010%
194	7.852	7.842	7.863	HH	13664	163625	0.44%	0.006%

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195	7.876	7.863	7.904	HH	13769	334799	0.91%	0.013%
196	7.917	7.904	7.940	HH	14275	293683	0.80%	0.012%
197	7.963	7.940	7.982	HH	15448	364217	0.99%	0.014%
198	7.999	7.982	8.006	HH	14634	196090	0.53%	0.008%
199	8.034	8.006	8.062	HH	16055	506832	1.37%	0.020%
200	8.087	8.062	8.116	HH	17683	516647	1.40%	0.020%
201	8.134	8.116	8.165	HH	17870	502458	1.36%	0.020%
202	8.177	8.165	8.197	HH	17294	323789	0.88%	0.013%
203	8.234	8.197	8.250	HH	21463	581339	1.58%	0.023%
204	8.267	8.250	8.300	HH	36011	696078	1.89%	0.027%
205	8.315	8.300	8.335	HH	18409	367243	1.00%	0.014%
206	8.355	8.335	8.395	HH	55325	1130066	3.06%	0.044%
207	8.404	8.395	8.488	HH	22787	1136639	3.08%	0.045%
208	8.505	8.488	8.521	HH	20630	383105	1.04%	0.015%
209	8.530	8.521	8.547	HH	19991	303743	0.82%	0.012%
210	8.557	8.547	8.583	HH	19783	414597	1.12%	0.016%
211	8.622	8.583	8.633	HH	20997	590435	1.60%	0.023%
212	8.654	8.633	8.663	HH	21395	380599	1.03%	0.015%
213	8.703	8.663	8.742	HH	34626	1198001	3.25%	0.047%
214	8.759	8.742	8.775	HH	26483	492795	1.34%	0.019%
215	8.801	8.775	8.822	HH	34137	779183	2.11%	0.031%
216	8.854	8.822	8.867	HH	25808	644118	1.75%	0.025%
217	8.879	8.867	8.902	HH	24089	498539	1.35%	0.020%
218	8.948	8.902	8.972	HH	28008	1058694	2.87%	0.042%
219	9.012	8.972	9.051	HH	31228	1316238	3.57%	0.052%
220	9.087	9.051	9.111	HH	63622	1298548	3.52%	0.051%
221	9.118	9.111	9.134	HH	27771	382648	1.04%	0.015%
222	9.139	9.134	9.149	HH	27309	243794	0.66%	0.010%
223	9.170	9.149	9.203	HH	30280	906253	2.46%	0.036%
224	9.220	9.203	9.238	HH	27482	573369	1.55%	0.023%
225	9.269	9.238	9.281	HH	30129	722586	1.96%	0.028%
226	9.296	9.281	9.306	HH	30388	429751	1.17%	0.017%
227	9.323	9.306	9.335	HH	30821	518906	1.41%	0.020%
228	9.344	9.335	9.362	HH	30040	468516	1.27%	0.018%
229	9.377	9.362	9.382	HH	29809	348187	0.94%	0.014%
230	9.385	9.382	9.396	HH	29637	248848	0.67%	0.010%
231	9.431	9.396	9.440	HH	31994	815911	2.21%	0.032%
232	9.460	9.440	9.486	HH	37328	950953	2.58%	0.037%
233	9.501	9.486	9.536	HH	42862	1114547	3.02%	0.044%
234	9.547	9.536	9.576	HH	36706	859462	2.33%	0.034%
235	9.597	9.576	9.610	HH	45363	842934	2.29%	0.033%
236	9.615	9.610	9.631	HH	42583	507686	1.38%	0.020%
237	9.645	9.631	9.679	HH	43194	1122407	3.04%	0.044%
238	9.701	9.679	9.719	HH	39285	894186	2.43%	0.035%
239	9.724	9.719	9.736	HH	35521	345773	0.94%	0.014%
240	9.746	9.736	9.757	HH	35069	441842	1.20%	0.017%
241	9.789	9.757	9.797	HH	36963	860638	2.33%	0.034%
242	9.824	9.797	9.847	HH	42354	1207988	3.28%	0.047%
243	9.865	9.847	9.913	HH	79941	1895429	5.14%	0.075%
244	9.944	9.913	9.958	HH	42700	1122282	3.04%	0.044%
245	9.964	9.958	9.982	HH	41079	586221	1.59%	0.023%
246	9.993	9.982	10.016	HH	40831	799134	2.17%	0.031%

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247	10.027	10.016	10.035	HH	39912	453550	1.23%	0.018%
248	10.042	10.035	10.056	HH	40130	505168	1.37%	0.020%
249	10.079	10.056	10.093	HH	42285	917569	2.49%	0.036%
250	10.111	10.093	10.130	HH	41570	899622	2.44%	0.035%
251	10.136	10.130	10.151	HH	41869	532236	1.44%	0.021%
252	10.161	10.151	10.170	HH	40542	451586	1.22%	0.018%
253	10.211	10.170	10.222	HH	47329	1378436	3.74%	0.054%
254	10.250	10.222	10.275	HH	55745	1561534	4.23%	0.061%
255	10.303	10.275	10.320	HH	49599	1251534	3.39%	0.049%
256	10.341	10.320	10.367	HH	56092	1442161	3.91%	0.057%
257	10.398	10.367	10.417	HH	55893	1524248	4.13%	0.060%
258	10.428	10.417	10.447	HH	51958	932018	2.53%	0.037%
259	10.493	10.447	10.507	HH	58795	1885374	5.11%	0.074%
260	10.520	10.507	10.560	HH	58524	1783821	4.84%	0.070%
261	10.603	10.560	10.619	HH	88157	2236823	6.07%	0.088%
262	10.625	10.619	10.640	HH	59069	716773	1.94%	0.028%
263	10.673	10.640	10.688	HH	67980	1765608	4.79%	0.069%
264	10.712	10.688	10.732	HH	72400	1730020	4.69%	0.068%
265	10.736	10.732	10.754	HH	61351	804316	2.18%	0.032%
266	10.769	10.754	10.786	HH	60593	1131666	3.07%	0.044%
267	10.804	10.786	10.811	HH	60193	858825	2.33%	0.034%
268	10.819	10.811	10.830	HH	60330	688825	1.87%	0.027%
269	10.840	10.830	10.859	HH	63710	1051252	2.85%	0.041%
270	10.893	10.859	10.949	HH	195773	5010142	13.59%	0.197%
271	10.952	10.949	10.965	HH	64800	609555	1.65%	0.024%
272	10.983	10.965	11.040	HH	103192	3466593	9.40%	0.136%
273	11.061	11.040	11.067	HH	68347	1085823	2.94%	0.043%
274	11.080	11.067	11.095	HH	68043	1101302	2.99%	0.043%
275	11.109	11.095	11.120	HH	66930	995345	2.70%	0.039%
276	11.124	11.120	11.134	HH	65671	549620	1.49%	0.022%
277	11.159	11.134	11.165	HH	66351	1207657	3.28%	0.047%
278	11.189	11.165	11.200	HH	76708	1515766	4.11%	0.060%
279	11.237	11.200	11.276	HH	83691	3477658	9.43%	0.137%
280	11.306	11.276	11.350	HH	88577	3422988	9.28%	0.135%
281	11.387	11.350	11.402	HH	78814	2310815	6.27%	0.091%
282	11.412	11.402	11.428	HH	79140	1213704	3.29%	0.048%
283	11.442	11.428	11.458	HH	78321	1375746	3.73%	0.054%
284	11.462	11.458	11.472	HH	75973	624030	1.69%	0.025%
285	11.476	11.472	11.482	HH	74220	443643	1.20%	0.017%
286	11.496	11.482	11.519	HH	80756	1720967	4.67%	0.068%
287	11.538	11.519	11.556	HH	80211	1729324	4.69%	0.068%
288	11.564	11.556	11.577	HH	78367	1001277	2.72%	0.039%
289	11.587	11.577	11.591	HH	78768	617787	1.68%	0.024%
290	11.599	11.591	11.605	HH	79687	676335	1.83%	0.027%
291	11.610	11.605	11.614	HH	79571	434695	1.18%	0.017%
292	11.622	11.614	11.643	HH	81167	1358608	3.68%	0.053%
293	11.658	11.643	11.672	HH	79454	1354333	3.67%	0.053%
294	11.704	11.672	11.725	HH	110279	2892042	7.84%	0.114%
295	11.738	11.725	11.760	HH	108214	1957627	5.31%	0.077%
296	11.767	11.760	11.772	HH	85844	645273	1.75%	0.025%
297	11.789	11.772	11.795	HH	89808	1200069	3.25%	0.047%
298	11.814	11.795	11.841	HH	161702	3128988	8.49%	0.123%
299	11.860	11.841	11.870	HH	101404	1688220	4.58%	0.066%

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300	11.885	11.870	11.917	HH	114375	2814596	7.63% 0.111%
301	11.928	11.917	11.949	HH	90858	1717696	4.66% 0.068%
302	11.992	11.949	12.026	HH	103994	4358095	11.82% 0.171%
303	12.046	12.026	12.055	HH	96127	1622045	4.40% 0.064%
304	12.063	12.055	12.067	HH	94340	655148	1.78% 0.026%
305	12.077	12.067	12.088	HH	96489	1224824	3.32% 0.048%
306	12.094	12.088	12.104	HH	97192	885801	2.40% 0.035%
307	12.122	12.104	12.130	HH	100756	1544948	4.19% 0.061%
308	12.137	12.130	12.144	HH	99280	838075	2.27% 0.033%
309	12.149	12.144	12.156	HH	99426	686833	1.86% 0.027%
310	12.178	12.156	12.199	HH	125481	2809250	7.62% 0.110%
311	12.214	12.199	12.232	HH	104981	1986114	5.39% 0.078%
312	12.256	12.232	12.278	HH	111887	2994760	8.12% 0.118%
313	12.291	12.278	12.304	HH	112076	1679414	4.55% 0.066%
314	12.323	12.304	12.337	HH	115132	2128507	5.77% 0.084%
315	12.354	12.337	12.366	HH	108191	1850068	5.02% 0.073%
316	12.393	12.366	12.402	HH	111031	2398735	6.51% 0.094%
317	12.411	12.402	12.417	HH	110379	981834	2.66% 0.039%
318	12.431	12.417	12.438	HH	114046	1386899	3.76% 0.055%
319	12.454	12.438	12.471	HH	118506	2225087	6.03% 0.087%
320	12.504	12.471	12.519	HH	125976	3363765	9.12% 0.132%
321	12.532	12.519	12.553	HH	123140	2430693	6.59% 0.096%
322	12.557	12.553	12.560	HH	115363	451790	1.23% 0.018%
323	12.567	12.560	12.571	HH	116562	792224	2.15% 0.031%
324	12.616	12.571	12.633	HH	159252	5026868	13.63% 0.198%
325	12.654	12.633	12.665	HH	136798	2520945	6.84% 0.099%
326	12.678	12.665	12.689	HH	132980	1884081	5.11% 0.074%
327	12.698	12.689	12.710	HH	125267	1554412	4.22% 0.061%
328	12.737	12.710	12.777	HH	775595	12198344	33.08% 0.479%
329	12.783	12.777	12.807	HH	124911	2166032	5.87% 0.085%
330	12.835	12.807	12.842	HH	130995	2562126	6.95% 0.101%
331	12.845	12.842	12.867	HH	130324	1895570	5.14% 0.075%
332	12.880	12.867	12.903	HH	143008	2924341	7.93% 0.115%
333	12.928	12.903	12.935	HH	152004	2614753	7.09% 0.103%
334	12.942	12.935	12.978	HH	155712	3614665	9.80% 0.142%
335	12.989	12.978	12.998	HH	132213	1555702	4.22% 0.061%
336	13.039	12.998	13.072	HH	866659	14707252	39.89% 0.578%
337	13.087	13.072	13.106	HH	188938	3284775	8.91% 0.129%
338	13.121	13.106	13.161	HH	198571	5467487	14.83% 0.215%
339	13.171	13.161	13.183	HH	156021	2025943	5.49% 0.080%
340	13.190	13.183	13.203	HH	151576	1795691	4.87% 0.071%
341	13.221	13.203	13.256	HH	172890	4953947	13.44% 0.195%
342	13.281	13.256	13.301	HH	176282	4351959	11.80% 0.171%
343	13.314	13.301	13.346	HH	187272	4512719	12.24% 0.177%
344	13.361	13.346	13.390	HH	165662	4232777	11.48% 0.166%
345	13.414	13.390	13.429	HH	168571	3744250	10.15% 0.147%
346	13.444	13.429	13.475	HH	179216	4637766	12.58% 0.182%
347	13.498	13.475	13.530	HH	225998	6190086	16.79% 0.243%
348	13.537	13.530	13.562	HH	168258	3250457	8.82% 0.128%
349	13.580	13.562	13.585	HH	164252	2235139	6.06% 0.088%
350	13.631	13.585	13.668	HH	342381	11747301	31.86% 0.462%
351	13.687	13.668	13.702	HH	191913	3668818	9.95% 0.144%

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352	13.734	13.702	13.758	HH	302422	6976391	18.92%	0.274%
353	13.777	13.758	13.827	HH	339805	9574201	25.97%	0.376%
354	13.832	13.827	13.837	HH	191493	1228502	3.33%	0.048%
355	13.843	13.837	13.847	HH	191046	1132433	3.07%	0.045%
356	13.877	13.847	13.890	HH	251366	5527532	14.99%	0.217%
357	13.905	13.890	13.931	HH	331286	6296227	17.08%	0.247%
358	13.949	13.931	13.991	HH	291757	8079611	21.91%	0.318%
359	14.006	13.991	14.019	HH	202488	3401515	9.22%	0.134%
360	14.038	14.019	14.049	HH	204379	3617096	9.81%	0.142%
361	14.063	14.049	14.075	HH	211447	3077868	8.35%	0.121%
362	14.080	14.075	14.085	HH	201432	1239058	3.36%	0.049%
363	14.099	14.085	14.117	HH	213234	3938622	10.68%	0.155%
364	14.145	14.117	14.169	HH	214696	6360227	17.25%	0.250%
365	14.177	14.169	14.197	HH	206978	3438999	9.33%	0.135%
366	14.216	14.197	14.220	HH	219660	2948801	8.00%	0.116%
367	14.226	14.220	14.248	HH	219588	3496470	9.48%	0.137%
368	14.271	14.248	14.277	HH	221218	3610066	9.79%	0.142%
369	14.295	14.277	14.312	HH	243224	4705098	12.76%	0.185%
370	14.330	14.312	14.349	HH	290600	5970466	16.19%	0.235%
371	14.365	14.349	14.392	HH	283580	6749291	18.30%	0.265%
372	14.404	14.392	14.417	HH	238766	3429284	9.30%	0.135%
373	14.440	14.417	14.459	HH	269436	6566545	17.81%	0.258%
374	14.475	14.459	14.496	HH	296497	6094967	16.53%	0.240%
375	14.507	14.496	14.531	HH	258837	5194966	14.09%	0.204%
376	14.560	14.531	14.587	HH	311366	9209593	24.98%	0.362%
377	14.598	14.587	14.610	HH	324236	4237459	11.49%	0.167%
378	14.622	14.610	14.641	HH	323926	5538835	15.02%	0.218%
379	14.649	14.641	14.667	HH	288157	4400173	11.93%	0.173%
380	14.681	14.667	14.701	HH	304643	5513672	14.95%	0.217%
381	14.726	14.701	14.767	HH	492091	12643200	34.29%	0.497%
382	14.777	14.767	14.792	HH	265973	3913454	10.61%	0.154%
383	14.813	14.792	14.838	HH	281845	7336476	19.90%	0.288%
384	14.844	14.838	14.848	HH	249773	1569435	4.26%	0.062%
385	14.854	14.848	14.880	HH	252327	4680747	12.69%	0.184%
386	14.906	14.880	14.913	HH	285553	5320305	14.43%	0.209%
387	14.941	14.913	14.958	HH	801372	14015081	38.01%	0.551%
388	14.989	14.958	15.021	HH	989937	20533169	55.69%	0.807%
389	15.026	15.021	15.045	HH	307366	4344945	11.78%	0.171%
390	15.057	15.045	15.062	HH	310553	2930711	7.95%	0.115%
391	15.070	15.062	15.085	HH	307815	4343905	11.78%	0.171%
392	15.099	15.085	15.116	HH	361171	5963883	16.17%	0.234%
393	15.142	15.116	15.162	HH	334985	8713771	23.63%	0.342%
394	15.181	15.162	15.195	HH	325334	6239583	16.92%	0.245%
395	15.202	15.195	15.207	HH	304850	2137513	5.80%	0.084%
396	15.216	15.207	15.223	HH	315929	3085970	8.37%	0.121%
397	15.243	15.223	15.254	HH	337530	6002409	16.28%	0.236%
398	15.268	15.254	15.272	HH	344668	3516288	9.54%	0.138%
399	15.275	15.272	15.285	HH	343934	2777075	7.53%	0.109%
400	15.297	15.285	15.330	HH	352454	8731222	23.68%	0.343%
401	15.335	15.330	15.349	HH	302477	3481188	9.44%	0.137%
402	15.385	15.349	15.395	HH	332895	8638911	23.43%	0.340%
403	15.402	15.395	15.419	HH	332123	4714142	12.78%	0.185%
404	15.425	15.419	15.431	HH	319082	2331417	6.32%	0.092%

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405	15.452	15.431	15.473	HH	328427	8074885	21.90%	0.317%
406	15.495	15.473	15.515	HH	325477	7912389	21.46%	0.311%
407	15.532	15.515	15.550	HH	333851	6632219	17.99%	0.261%
408	15.568	15.550	15.590	HH	392614	8227587	22.31%	0.323%
409	15.622	15.590	15.641	HH	859760	17033283	46.19%	0.669%
410	15.660	15.641	15.700	HH	581617	15133105	41.04%	0.595%
411	15.725	15.700	15.739	HH	424398	8581556	23.27%	0.337%
412	15.763	15.739	15.781	HH	480654	10838182	29.39%	0.426%
413	15.796	15.781	15.824	HH	457723	10282545	27.89%	0.404%
414	15.842	15.824	15.867	HH	429824	10053275	27.26%	0.395%
415	15.887	15.867	15.895	HH	356492	5756100	15.61%	0.226%
416	15.907	15.895	15.916	HH	370283	4650806	12.61%	0.183%
417	15.928	15.916	15.961	HH	399560	9978747	27.06%	0.392%
418	15.966	15.961	15.972	HH	345171	2277891	6.18%	0.090%
419	15.977	15.972	15.984	HH	346155	2400148	6.51%	0.094%
420	16.009	15.984	16.027	HH	372487	9196880	24.94%	0.361%
421	16.051	16.027	16.072	HH	372666	9579091	25.98%	0.377%
422	16.091	16.072	16.128	HH	397131	12449964	33.76%	0.489%
423	16.133	16.128	16.148	HH	361959	4294947	11.65%	0.169%
424	16.179	16.148	16.189	HH	385067	9211730	24.98%	0.362%
425	16.220	16.189	16.247	HH	541062	15605503	42.32%	0.613%
426	16.265	16.247	16.284	HH	476698	9628724	26.11%	0.378%
427	16.305	16.284	16.321	HH	474623	9687765	26.27%	0.381%
428	16.329	16.321	16.359	HH	442791	9498286	25.76%	0.373%
429	16.374	16.359	16.382	HH	401096	5304377	14.39%	0.208%
430	16.399	16.382	16.412	HH	455351	8065750	21.87%	0.317%
431	16.416	16.412	16.435	HH	447975	5897396	15.99%	0.232%
432	16.468	16.435	16.503	HH	455896	17847273	48.40%	0.701%
433	16.549	16.503	16.565	HH	1020646	26236530	71.15%	1.031%
434	16.570	16.565	16.607	HH	698242	13127915	35.60%	0.516%
435	16.613	16.607	16.628	HH	411967	5119549	13.88%	0.201%
436	16.645	16.628	16.650	HH	412004	5380005	14.59%	0.211%
437	16.673	16.650	16.711	HH	557912	17256642	46.80%	0.678%
438	16.727	16.711	16.767	HH	418800	13451490	36.48%	0.529%
439	16.799	16.767	16.818	HH	467425	13624224	36.95%	0.536%
440	16.822	16.818	16.840	HH	462410	5849394	15.86%	0.230%
441	16.882	16.840	16.908	HH	997568	28470178	77.21%	1.119%
442	16.952	16.908	16.982	HH	1188609	31986747	86.75%	1.257%
443	16.992	16.982	17.008	HH	464745	7193294	19.51%	0.283%
444	17.040	17.008	17.091	HH	623565	25304275	68.62%	0.995%
445	17.103	17.091	17.121	HH	494436	8405073	22.79%	0.330%
446	17.163	17.121	17.177	HH	530098	16734327	45.38%	0.658%
447	17.184	17.177	17.222	HH	530207	13871783	37.62%	0.545%
448	17.249	17.222	17.271	HH	515716	14159729	38.40%	0.557%
449	17.298	17.271	17.307	HH	547630	11369219	30.83%	0.447%
450	17.322	17.307	17.353	HH	573259	14919209	40.46%	0.586%
451	17.359	17.353	17.384	HH	505403	9040759	24.52%	0.355%
452	17.442	17.384	17.454	HH	693502	23396386	63.45%	0.920%
453	17.463	17.454	17.498	HH	711987	15262318	41.39%	0.600%
454	17.537	17.498	17.557	HH	570686	17957299	48.70%	0.706%
455	17.567	17.557	17.588	HH	522062	9743847	26.43%	0.383%
456	17.609	17.588	17.635	HH	614333	15079974	40.90%	0.593%

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457	17.642	17.635	17.647	HH	490944	3654812	9.91%	0.144%
458	17.657	17.647	17.684	HH	494619	10588064	28.71%	0.416%
459	17.687	17.684	17.691	HH	474328	2085595	5.66%	0.082%
460	17.708	17.691	17.732	HH	501551	11880396	32.22%	0.467%
461	17.735	17.732	17.742	HH	481129	2796138	7.58%	0.110%
462	17.747	17.742	17.761	HH	474477	5193007	14.08%	0.204%
463	17.796	17.761	17.817	HH	547497	16957121	45.99%	0.667%
464	17.828	17.817	17.850	HH	500736	9539661	25.87%	0.375%
465	17.896	17.850	17.921	HH	549624	21522296	58.37%	0.846%
466	17.931	17.921	17.944	HH	523413	7147703	19.38%	0.281%
467	17.999	17.944	18.033	HH	636060	29206931	79.21%	1.148%
468	18.050	18.033	18.056	HH	477037	6386583	17.32%	0.251%
469	18.069	18.056	18.079	HH	492545	6739793	18.28%	0.265%
470	18.092	18.079	18.096	HH	500173	5049695	13.69%	0.198%
471	18.101	18.096	18.107	HH	504869	3124510	8.47%	0.123%
472	18.112	18.107	18.120	HH	513337	4091938	11.10%	0.161%
473	18.125	18.120	18.134	HH	508156	4058214	11.01%	0.160%
474	18.139	18.134	18.143	HH	504350	2839884	7.70%	0.112%
475	18.166	18.143	18.199	HH	543727	16903697	45.84%	0.664%
476	18.225	18.199	18.286	HH	604761	27340653	74.15%	1.075%
477	18.293	18.286	18.306	HH	474464	5575471	15.12%	0.219%
478	18.361	18.306	18.401	HH	896518	36873337	100.00%	1.449%
479	18.418	18.401	18.435	HH	508022	9913358	26.88%	0.390%
480	18.472	18.435	18.477	HH	576256	13308723	36.09%	0.523%
481	18.493	18.477	18.528	HH	613803	17317771	46.97%	0.681%
482	18.535	18.528	18.545	HH	504398	4923238	13.35%	0.194%
483	18.549	18.545	18.556	HH	476710	3232245	8.77%	0.127%
484	18.561	18.556	18.580	HH	465914	6427252	17.43%	0.253%
485	18.625	18.580	18.661	HH	962407	32342805	87.71%	1.271%
486	18.687	18.661	18.692	HH	511462	9037493	24.51%	0.355%
487	18.697	18.692	18.703	HH	511085	3404012	9.23%	0.134%
488	18.711	18.703	18.737	HH	504044	10145259	27.51%	0.399%
489	18.763	18.737	18.794	HH	560684	17250207	46.78%	0.678%
490	18.802	18.794	18.808	HH	464877	3916482	10.62%	0.154%
491	18.821	18.808	18.852	HH	488058	12368044	33.54%	0.486%
492	18.864	18.852	18.872	HH	480366	5907220	16.02%	0.232%
493	18.885	18.872	18.909	HH	487861	10472161	28.40%	0.412%
494	18.930	18.909	18.957	HH	527507	14196865	38.50%	0.558%
495	18.980	18.957	18.997	HH	478191	11133092	30.19%	0.438%
496	19.025	18.997	19.042	HH	597995	14232174	38.60%	0.559%
497	19.046	19.042	19.049	HH	517256	2289322	6.21%	0.090%
498	19.060	19.049	19.084	HH	529497	10644366	28.87%	0.418%
499	19.088	19.084	19.107	HH	476285	6558805	17.79%	0.258%
500	19.133	19.107	19.164	HH	561974	17268192	46.83%	0.679%
501	19.168	19.164	19.172	HH	465250	2321421	6.30%	0.091%
502	19.192	19.172	19.212	HH	477606	11018353	29.88%	0.433%
503	19.231	19.212	19.239	HH	469010	7621344	20.67%	0.300%
504	19.244	19.239	19.250	HH	457996	2916642	7.91%	0.115%
505	19.256	19.250	19.284	HH	462503	9132362	24.77%	0.359%
506	19.311	19.284	19.327	HH	492939	11820210	32.06%	0.465%
507	19.330	19.327	19.357	HH	472320	8553135	23.20%	0.336%
508	19.360	19.357	19.392	HH	453509	9295010	25.21%	0.365%
509	19.411	19.392	19.452	HH	499436	16201283	43.94%	0.637%

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510	19.475	19.452	19.513	HH	461591	16191528	43.91%	0.636%
511	19.526	19.513	19.536	HH	431943	5706250	15.48%	0.224%
512	19.548	19.536	19.554	HH	435886	4714017	12.78%	0.185%
513	19.560	19.554	19.582	HH	437853	7127224	19.33%	0.280%
514	19.610	19.582	19.631	HH	459780	13150827	35.66%	0.517%
515	19.641	19.631	19.673	HH	444356	10904721	29.57%	0.429%
516	19.691	19.673	19.706	HH	430723	8463935	22.95%	0.333%
517	19.722	19.706	19.739	HH	432241	8301623	22.51%	0.326%
518	19.782	19.739	19.822	HH	618981	25234765	68.44%	0.992%
519	19.847	19.822	19.883	HH	565308	18207560	49.38%	0.716%
520	19.893	19.883	19.896	HH	441843	3402517	9.23%	0.134%
521	19.911	19.896	19.949	HH	453565	13887838	37.66%	0.546%
522	19.967	19.949	20.009	HH	450684	15378045	41.71%	0.604%
523	20.024	20.009	20.047	HH	418140	9456203	25.65%	0.372%
524	20.079	20.047	20.117	HH	454351	17601377	47.73%	0.692%
525	20.124	20.117	20.128	HH	400376	2569433	6.97%	0.101%
526	20.174	20.128	20.216	HH	597327	26902283	72.96%	1.057%
527	20.238	20.216	20.267	HH	472060	13637009	36.98%	0.536%
528	20.286	20.267	20.337	HH	442305	17889297	48.52%	0.703%
529	20.343	20.337	20.346	HH	414230	2126034	5.77%	0.084%
530	20.356	20.346	20.361	HH	417085	3725612	10.10%	0.146%
531	20.372	20.361	20.380	HH	420377	4824519	13.08%	0.190%
532	20.386	20.380	20.403	HH	419576	5654349	15.33%	0.222%
533	20.415	20.403	20.426	HH	407372	5530377	15.00%	0.217%
534	20.431	20.426	20.465	HH	402154	9006357	24.43%	0.354%
535	20.480	20.465	20.487	HH	397728	5106160	13.85%	0.201%
536	20.507	20.487	20.534	HH	443072	11649218	31.59%	0.458%
537	20.538	20.534	20.544	HH	381458	2249364	6.10%	0.088%
538	20.551	20.544	20.561	HH	370432	3698701	10.03%	0.145%
539	20.568	20.561	20.573	HH	368587	2617516	7.10%	0.103%
540	20.580	20.573	20.588	HH	373736	3255729	8.83%	0.128%
541	20.591	20.588	20.596	HH	373469	1924224	5.22%	0.076%
542	20.606	20.596	20.614	HH	370480	3880513	10.52%	0.153%
543	20.630	20.614	20.644	HH	374968	6705029	18.18%	0.264%
544	20.654	20.644	20.680	HH	377575	7992847	21.68%	0.314%
545	20.685	20.680	20.726	HH	361363	9680614	26.25%	0.380%
546	20.731	20.726	20.746	HH	342416	3962584	10.75%	0.156%
547	20.753	20.746	20.766	HH	342197	4037695	10.95%	0.159%
548	20.775	20.766	20.784	HH	341779	3652712	9.91%	0.144%
549	20.790	20.784	20.803	HH	342285	3861142	10.47%	0.152%
550	20.807	20.803	20.816	HH	336780	2700493	7.32%	0.106%
551	20.826	20.816	20.835	HH	331481	3600138	9.76%	0.142%
552	20.887	20.835	20.941	HH	370446	21556269	58.46%	0.847%
553	20.951	20.941	20.959	HH	322337	3514780	9.53%	0.138%
554	20.964	20.959	20.983	HH	315752	4484635	12.16%	0.176%
555	21.007	20.983	21.017	HH	309920	6131036	16.63%	0.241%
556	21.030	21.017	21.035	HH	309980	3320161	9.00%	0.130%
557	21.042	21.035	21.053	HH	311040	3302288	8.96%	0.130%
558	21.060	21.053	21.066	HH	303075	2423603	6.57%	0.095%
559	21.071	21.066	21.103	HH	302896	6522194	17.69%	0.256%
560	21.113	21.103	21.118	HH	298112	2671074	7.24%	0.105%
561	21.124	21.118	21.137	HH	298200	3381171	9.17%	0.133%

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562	21.143	21.137	21.148	HH	296748	2047016	5.55%	0.080%
563	21.151	21.148	21.157	HH	294194	1449800	3.93%	0.057%
564	21.163	21.157	21.172	HH	292985	2646067	7.18%	0.104%
565	21.176	21.172	21.211	HH	292904	6608067	17.92%	0.260%
566	21.217	21.211	21.219	HH	281614	1461815	3.96%	0.057%
567	21.229	21.219	21.239	HH	289488	3456025	9.37%	0.136%
568	21.245	21.239	21.253	HH	287092	2277653	6.18%	0.090%
569	21.266	21.253	21.269	HH	288566	2777908	7.53%	0.109%
570	21.274	21.269	21.290	HH	292248	3669751	9.95%	0.144%
571	21.310	21.290	21.314	HH	302569	4252285	11.53%	0.167%
572	21.320	21.314	21.353	HH	305918	6799446	18.44%	0.267%
573	21.360	21.353	21.392	HH	278566	6188141	16.78%	0.243%
574	21.397	21.392	21.402	HH	265323	1629158	4.42%	0.064%
575	21.406	21.402	21.410	HH	265926	1299915	3.53%	0.051%
576	21.414	21.410	21.428	HH	264252	2796663	7.58%	0.110%
577	21.437	21.428	21.441	HH	269850	2120842	5.75%	0.083%
578	21.460	21.441	21.480	HH	275418	6200032	16.81%	0.244%
579	21.484	21.480	21.499	HH	263560	3092828	8.39%	0.122%
580	21.508	21.499	21.529	HH	256557	4469834	12.12%	0.176%
581	21.535	21.529	21.544	HH	258612	2345769	6.36%	0.092%
582	21.555	21.544	21.574	HH	267657	4764543	12.92%	0.187%
583	21.577	21.574	21.589	HH	255845	2191152	5.94%	0.086%
584	21.599	21.589	21.609	HH	261272	3169924	8.60%	0.125%
585	21.623	21.609	21.633	HH	261739	3696853	10.03%	0.145%
586	21.639	21.633	21.647	HH	256533	2125053	5.76%	0.084%
587	21.674	21.647	21.679	HH	264202	4925412	13.36%	0.194%
588	21.691	21.679	21.697	HH	267994	2744352	7.44%	0.108%
589	21.708	21.697	21.714	HH	279426	2891878	7.84%	0.114%
590	21.719	21.714	21.760	HH	277500	7205075	19.54%	0.283%
591	21.766	21.760	21.771	HH	255916	1672828	4.54%	0.066%
592	21.787	21.771	21.791	HH	258751	3093678	8.39%	0.122%
593	21.800	21.791	21.848	HH	261021	8543282	23.17%	0.336%
594	21.852	21.848	21.876	HH	230869	3843041	10.42%	0.151%
595	21.881	21.876	21.893	HH	228169	2246544	6.09%	0.088%
596	21.900	21.893	21.924	HH	234105	4297737	11.66%	0.169%
597	21.958	21.924	21.972	HH	235315	6604454	17.91%	0.260%
598	21.976	21.972	21.992	HH	229081	2751286	7.46%	0.108%
599	21.999	21.992	22.010	HH	224164	2305612	6.25%	0.091%
600	22.015	22.010	22.018	HH	218305	1094360	2.97%	0.043%
601	22.046	22.018	22.086	HH	243251	9435841	25.59%	0.371%
602	22.127	22.086	22.161	HH	238079	10164578	27.57%	0.400%
603	22.166	22.161	22.182	HH	217331	2710770	7.35%	0.107%
604	22.196	22.182	22.208	HH	218708	3316398	8.99%	0.130%
605	22.214	22.208	22.229	HH	216033	2695120	7.31%	0.106%
606	22.236	22.229	22.241	HH	210127	1511642	4.10%	0.059%
607	22.244	22.241	22.250	HH	209001	1093528	2.97%	0.043%
608	22.260	22.250	22.267	HH	208907	2088853	5.66%	0.082%
609	22.277	22.267	22.297	HH	216146	3846681	10.43%	0.151%
610	22.305	22.297	22.310	HH	214146	1699068	4.61%	0.067%
611	22.313	22.310	22.320	HH	212973	1282691	3.48%	0.050%
612	22.329	22.320	22.338	HH	216211	2290473	6.21%	0.090%
613	22.346	22.338	22.383	HH	214189	5502522	14.92%	0.216%
614	22.393	22.383	22.399	HH	195240	1932009	5.24%	0.076%

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615	22.406	22.399	22.427	HH	195052	3218980	8.73%	0.127%
616	22.435	22.427	22.444	HH	194399	1970141	5.34%	0.077%
617	22.453	22.444	22.468	HH	193615	2682738	7.28%	0.105%
618	22.473	22.468	22.489	HH	193477	2387310	6.47%	0.094%
619	22.495	22.489	22.512	HH	194798	2716579	7.37%	0.107%
620	22.517	22.512	22.537	HH	191321	2729701	7.40%	0.107%
621	22.546	22.537	22.558	HH	191335	2424506	6.58%	0.095%
622	22.562	22.558	22.573	HH	191353	1721433	4.67%	0.068%
623	22.580	22.573	22.588	HH	190698	1738979	4.72%	0.068%
624	22.595	22.588	22.613	HH	188660	2758552	7.48%	0.108%
625	22.617	22.613	22.626	HH	185812	1463408	3.97%	0.058%
626	22.650	22.626	22.655	HH	181895	3111457	8.44%	0.122%
627	22.661	22.655	22.668	HH	182974	1406405	3.81%	0.055%
628	22.675	22.668	22.684	HH	182834	1803758	4.89%	0.071%
629	22.690	22.684	22.703	HH	177876	1938761	5.26%	0.076%
630	22.711	22.703	22.733	HH	177135	3131594	8.49%	0.123%
631	22.763	22.733	22.780	HH	177964	4983546	13.52%	0.196%
632	22.787	22.780	22.792	HH	175721	1301372	3.53%	0.051%
633	22.806	22.792	22.819	HH	176588	2806086	7.61%	0.110%
634	22.841	22.819	22.851	HH	175205	3306212	8.97%	0.130%
635	22.869	22.851	22.882	HH	171874	3154277	8.55%	0.124%
636	22.888	22.882	22.901	HH	169585	1890974	5.13%	0.074%
637	22.918	22.901	22.943	HH	167258	4147497	11.25%	0.163%
638	22.956	22.943	22.963	HH	175062	2039667	5.53%	0.080%
639	22.968	22.963	22.971	HH	173181	834775	2.26%	0.033%
640	22.980	22.971	22.990	HH	175136	1945202	5.28%	0.076%
641	22.994	22.990	23.003	HH	169792	1371026	3.72%	0.054%
642	23.010	23.003	23.024	HH	165785	2034885	5.52%	0.080%
643	23.038	23.024	23.061	HH	163827	3611801	9.80%	0.142%
644	23.069	23.061	23.082	HH	161151	2006670	5.44%	0.079%
645	23.090	23.082	23.103	HH	159911	1918072	5.20%	0.075%
646	23.108	23.103	23.117	HH	154933	1306728	3.54%	0.051%
647	23.126	23.117	23.139	HH	158754	2132408	5.78%	0.084%
648	23.147	23.139	23.153	HH	159061	1261838	3.42%	0.050%
649	23.158	23.153	23.166	HH	158338	1283212	3.48%	0.050%
650	23.172	23.166	23.180	HH	155914	1237789	3.36%	0.049%
651	23.188	23.180	23.205	HH	157377	2389353	6.48%	0.094%
652	23.215	23.205	23.219	HH	154884	1242692	3.37%	0.049%
653	23.225	23.219	23.234	HH	156786	1435447	3.89%	0.056%
654	23.248	23.234	23.255	HH	154138	1934513	5.25%	0.076%
655	23.262	23.255	23.267	HH	153525	1023776	2.78%	0.040%
656	23.271	23.267	23.279	HH	154333	1115401	3.02%	0.044%
657	23.288	23.279	23.294	HH	154031	1445457	3.92%	0.057%
658	23.311	23.294	23.336	HH	153211	3740958	10.15%	0.147%
659	23.349	23.336	23.366	HH	151980	2749346	7.46%	0.108%
660	23.383	23.366	23.390	HH	151193	2117799	5.74%	0.083%
661	23.401	23.390	23.421	HH	152404	2822324	7.65%	0.111%
662	23.434	23.421	23.441	HH	150219	1773275	4.81%	0.070%
663	23.456	23.441	23.463	HH	148437	1972659	5.35%	0.078%
664	23.468	23.463	23.478	HH	149141	1296128	3.52%	0.051%
665	23.484	23.478	23.491	HH	147205	1130501	3.07%	0.044%
666	23.496	23.491	23.507	HH	146858	1388143	3.76%	0.055%

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667	23.515	23.507	23.528	HH	146434	1871016	5.07%	0.074%
668	23.536	23.528	23.550	HH	144735	1874362	5.08%	0.074%
669	23.557	23.550	23.576	HH	143504	2207810	5.99%	0.087%
670	23.583	23.576	23.590	HH	141861	1204881	3.27%	0.047%
671	23.596	23.590	23.601	HH	142194	920039	2.50%	0.036%
672	23.608	23.601	23.613	HH	142619	1019149	2.76%	0.040%
673	23.617	23.613	23.623	HH	141520	800244	2.17%	0.031%
674	23.629	23.623	23.634	HH	141354	923591	2.50%	0.036%
675	23.639	23.634	23.643	HH	141953	785312	2.13%	0.031%
676	23.652	23.643	23.658	HH	142815	1250520	3.39%	0.049%
677	23.672	23.658	23.687	HH	143148	2501945	6.79%	0.098%
678	23.702	23.687	23.722	HH	147714	3011863	8.17%	0.118%
679	23.727	23.722	23.736	HH	141806	1217761	3.30%	0.048%
680	23.743	23.736	23.754	HH	139719	1499720	4.07%	0.059%
681	23.761	23.754	23.792	HH	138065	3019019	8.19%	0.119%
682	23.798	23.792	23.803	HH	134008	900220	2.44%	0.035%
683	23.810	23.803	23.817	HH	136186	1138620	3.09%	0.045%
684	23.822	23.817	23.829	HH	133961	974190	2.64%	0.038%
685	23.839	23.829	23.848	HH	135783	1503310	4.08%	0.059%
686	23.853	23.848	23.864	HH	136212	1287758	3.49%	0.051%
687	23.871	23.864	23.876	HH	135780	962591	2.61%	0.038%
688	23.882	23.876	23.891	HH	135277	1248459	3.39%	0.049%
689	23.896	23.891	23.902	HH	133650	905156	2.45%	0.036%
690	23.914	23.902	23.928	HH	134362	2065247	5.60%	0.081%
691	23.937	23.928	23.944	HH	133201	1258002	3.41%	0.049%
692	23.951	23.944	23.995	HH	135027	4022801	10.91%	0.158%
693	24.002	23.995	24.014	HH	132200	1478813	4.01%	0.058%
694	24.023	24.014	24.032	HH	130868	1413358	3.83%	0.056%
695	24.038	24.032	24.044	HH	128262	935728	2.54%	0.037%
696	24.051	24.044	24.059	HH	130706	1152467	3.13%	0.045%
697	24.064	24.059	24.069	HH	127033	762166	2.07%	0.030%
698	24.078	24.069	24.097	HH	129896	2131614	5.78%	0.084%
699	24.102	24.097	24.113	HH	128725	1215172	3.30%	0.048%
700	24.120	24.113	24.127	HH	129551	1142452	3.10%	0.045%
701	24.132	24.127	24.138	HH	128599	839463	2.28%	0.033%
702	24.143	24.138	24.147	HH	127734	624208	1.69%	0.025%
703	24.158	24.147	24.166	HH	129252	1505405	4.08%	0.059%
704	24.173	24.166	24.178	HH	127508	899346	2.44%	0.035%
705	24.181	24.178	24.205	HH	127204	2039796	5.53%	0.080%
706	24.214	24.205	24.233	HH	124151	2044496	5.54%	0.080%
707	24.255	24.233	24.262	HH	123133	2150555	5.83%	0.085%
708	24.268	24.262	24.273	HH	123046	748338	2.03%	0.029%
709	24.286	24.273	24.300	HH	124306	2028623	5.50%	0.080%
710	24.312	24.300	24.331	HH	123179	2248871	6.10%	0.088%
711	24.343	24.331	24.350	HH	121278	1351623	3.67%	0.053%
712	24.364	24.350	24.377	HH	122133	1984884	5.38%	0.078%
713	24.400	24.377	24.412	HH	120798	2482169	6.73%	0.098%
714	24.422	24.412	24.446	HH	121169	2369737	6.43%	0.093%
715	24.460	24.446	24.491	HH	119027	3217946	8.73%	0.126%
716	24.509	24.491	24.513	HH	117577	1523714	4.13%	0.060%
717	24.528	24.513	24.537	HH	120933	1718085	4.66%	0.068%
718	24.542	24.537	24.554	HH	120107	1230034	3.34%	0.048%
719	24.559	24.554	24.568	HH	120059	971139	2.63%	0.038%

720 24.574 24.568 24.601 HHA 119174 2404166 6.52% 0.094%

Sum of corrected areas: 2544193228

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