

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070918AL\
 Data File : FE028131.D
 Signal(s) : FID1B.CH
 Acq On : 09 Jul 2018 13:23
 Sample : J3881-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 062918.M
 Title : GC Extractables

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.146	4.131	4.157	HH	967	10473	0.25%	0.003%
2	4.230	4.212	4.252	HH	825	13352	0.31%	0.004%
3	4.309	4.285	4.334	HH	1084	22032	0.52%	0.007%
4	4.359	4.352	4.384	HH	658	11332	0.27%	0.004%
5	4.405	4.384	4.429	HH	954	18017	0.42%	0.006%
6	4.482	4.467	4.502	HH	1624	22067	0.52%	0.007%
7	4.518	4.502	4.543	HH	843	17498	0.41%	0.006%
8	4.581	4.567	4.601	HH	2007	23605	0.55%	0.008%
9	4.641	4.615	4.660	HH	1626	27750	0.65%	0.009%
10	4.672	4.660	4.687	HH	924	13665	0.32%	0.004%
11	4.707	4.687	4.752	HH	4595	64906	1.52%	0.021%
12	4.761	4.752	4.777	HH	1202	14924	0.35%	0.005%
13	4.789	4.777	4.804	HH	1193	16916	0.40%	0.005%
14	4.821	4.804	4.844	HH	2164	31043	0.73%	0.010%
15	4.867	4.849	4.884	HH	2214	28915	0.68%	0.009%
16	4.916	4.897	4.931	HH	1481	23858	0.56%	0.008%
17	4.961	4.945	4.982	HH	1870	26365	0.62%	0.009%
18	4.997	4.982	5.032	HH	1607	32794	0.77%	0.011%
19	5.046	5.032	5.052	HH	1146	11742	0.28%	0.004%
20	5.064	5.052	5.083	HH	1180	19989	0.47%	0.006%
21	5.097	5.083	5.111	HH	1601	20789	0.49%	0.007%
22	5.131	5.111	5.152	HH	1377	27834	0.65%	0.009%
23	5.164	5.152	5.172	HH	1054	11985	0.28%	0.004%
24	5.198	5.184	5.211	HH	1370	18678	0.44%	0.006%
25	5.234	5.226	5.246	HH	1060	11857	0.28%	0.004%
26	5.263	5.246	5.271	HH	1343	18220	0.43%	0.006%
27	5.275	5.271	5.288	HH	1234	11919	0.28%	0.004%
28	5.308	5.288	5.323	HH	1704	30493	0.72%	0.010%
29	5.341	5.323	5.366	HH	6223	80711	1.89%	0.026%
30	5.401	5.366	5.423	HH	5868	95351	2.24%	0.031%
31	5.435	5.423	5.469	HH	1625	38148	0.90%	0.012%
32	5.484	5.469	5.507	HH	1983	32875	0.77%	0.011%
33	5.534	5.507	5.551	HH	3192	49411	1.16%	0.016%
34	5.577	5.551	5.612	HH	2629	59037	1.39%	0.019%
35	5.636	5.612	5.649	HH	1560	32111	0.75%	0.010%
36	5.670	5.649	5.698	HH	8917	103216	2.42%	0.034%

rteres.txt								
37	5.713	5.698	5.727	HH	1933	29253	0.69%	0.010%
38	5.744	5.727	5.771	HH	4866	69463	1.63%	0.023%
39	5.787	5.771	5.807	HH	5952	68561	1.61%	0.022%
40	5.822	5.807	5.827	HH	1591	17622	0.41%	0.006%
41	5.842	5.827	5.864	HH	2586	40566	0.95%	0.013%
42	5.887	5.864	5.893	HH	1526	23872	0.56%	0.008%
43	5.908	5.893	5.915	HH	1796	20851	0.49%	0.007%
44	5.944	5.915	5.958	HH	1980	44379	1.04%	0.014%
45	5.966	5.958	5.976	HH	1819	18457	0.43%	0.006%
46	5.984	5.976	5.988	HH	1471	10427	0.24%	0.003%
47	5.993	5.988	6.001	HH	1539	10877	0.26%	0.004%
48	6.028	6.009	6.038	HH	1854	28096	0.66%	0.009%
49	6.053	6.038	6.074	HH	1983	36043	0.85%	0.012%
50	6.096	6.083	6.131	HH	1850	43952	1.03%	0.014%
51	6.143	6.131	6.149	HH	1664	17287	0.41%	0.006%
52	6.159	6.149	6.184	HH	1710	33093	0.78%	0.011%
53	6.201	6.184	6.221	HH	1693	35132	0.82%	0.011%
54	6.254	6.231	6.272	HH	1841	40643	0.95%	0.013%
55	6.316	6.272	6.333	HH	5777	100418	2.36%	0.033%
56	6.343	6.333	6.357	HH	2068	28380	0.67%	0.009%
57	6.363	6.357	6.370	HH	1834	13407	0.31%	0.004%
58	6.386	6.370	6.404	HH	2346	43020	1.01%	0.014%
59	6.418	6.404	6.427	HH	2048	27169	0.64%	0.009%
60	6.449	6.427	6.470	HH	2807	58164	1.36%	0.019%
61	6.475	6.470	6.479	HH	1851	10586	0.25%	0.003%
62	6.499	6.479	6.506	HH	1977	29740	0.70%	0.010%
63	6.508	6.506	6.531	HH	2025	27989	0.66%	0.009%
64	6.540	6.531	6.546	HH	1923	16915	0.40%	0.005%
65	6.559	6.546	6.572	HH	2075	29739	0.70%	0.010%
66	6.577	6.572	6.593	HH	2011	24249	0.57%	0.008%
67	6.618	6.593	6.646	HH	3787	81569	1.91%	0.027%
68	6.665	6.646	6.699	HH	2250	64669	1.52%	0.021%
69	6.729	6.699	6.771	HH	19622	241944	5.68%	0.079%
70	6.783	6.771	6.806	HH	1887	39177	0.92%	0.013%
71	6.810	6.806	6.826	HH	1887	21442	0.50%	0.007%
72	6.851	6.826	6.857	HH	1936	35342	0.83%	0.011%
73	6.880	6.857	6.914	HH	3334	78324	1.84%	0.025%
74	6.935	6.914	6.982	HH	2312	80159	1.88%	0.026%
75	7.019	6.982	7.041	HH	2206	69047	1.62%	0.022%
76	7.062	7.041	7.071	HH	2270	38104	0.89%	0.012%
77	7.076	7.071	7.081	HH	2242	12742	0.30%	0.004%
78	7.100	7.081	7.116	HH	2520	47527	1.12%	0.015%
79	7.131	7.116	7.140	HH	2176	30725	0.72%	0.010%
80	7.151	7.140	7.168	HH	2334	37362	0.88%	0.012%
81	7.183	7.168	7.221	HH	2969	74106	1.74%	0.024%
82	7.250	7.221	7.263	HH	3096	63443	1.49%	0.021%
83	7.267	7.263	7.285	HH	2400	30621	0.72%	0.010%
84	7.293	7.285	7.318	HH	2465	46484	1.09%	0.015%
85	7.336	7.318	7.361	HH	2820	62905	1.48%	0.020%
86	7.378	7.361	7.412	HH	3280	84663	1.99%	0.028%
87	7.436	7.419	7.454	HH	4307	66797	1.57%	0.022%
88	7.470	7.454	7.487	HH	2990	53776	1.26%	0.017%
89	7.517	7.487	7.531	HH	3283	72834	1.71%	0.024%

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90	7.548	7.531	7.579	HH	3060	81173	1.90%	0.026%
91	7.598	7.579	7.620	HH	2875	65343	1.53%	0.021%
92	7.659	7.620	7.678	HH	6953	133156	3.12%	0.043%
93	7.696	7.678	7.709	HH	2994	51715	1.21%	0.017%
94	7.730	7.709	7.747	HH	4146	76180	1.79%	0.025%
95	7.760	7.747	7.786	HH	2789	62437	1.47%	0.020%
96	7.808	7.786	7.827	HH	4982	91258	2.14%	0.030%
97	7.835	7.827	7.856	HH	3136	51708	1.21%	0.017%
98	7.883	7.856	7.905	HH	4310	96425	2.26%	0.031%
99	7.927	7.905	7.934	HH	3145	51404	1.21%	0.017%
100	7.941	7.934	7.947	HH	2872	22292	0.52%	0.007%
101	7.977	7.947	7.999	HH	3806	103861	2.44%	0.034%
102	8.012	7.999	8.028	HH	3877	63167	1.48%	0.021%
103	8.033	8.028	8.038	HH	3728	23197	0.54%	0.008%
104	8.065	8.038	8.095	HH	6003	157351	3.69%	0.051%
105	8.115	8.095	8.129	HH	4081	77028	1.81%	0.025%
106	8.140	8.129	8.158	HH	3947	61926	1.45%	0.020%
107	8.164	8.158	8.172	HH	3377	27719	0.65%	0.009%
108	8.185	8.172	8.202	HH	3587	58288	1.37%	0.019%
109	8.229	8.202	8.256	HH	4203	116724	2.74%	0.038%
110	8.288	8.256	8.339	HH	7637	214366	5.03%	0.070%
111	8.357	8.339	8.372	HH	5484	86706	2.03%	0.028%
112	8.387	8.372	8.413	HH	3842	88488	2.08%	0.029%
113	8.441	8.413	8.467	HH	4571	127453	2.99%	0.041%
114	8.485	8.467	8.497	HH	3781	66705	1.57%	0.022%
115	8.506	8.497	8.514	HH	3741	37449	0.88%	0.012%
116	8.535	8.514	8.569	HH	11776	203399	4.77%	0.066%
117	8.586	8.569	8.606	HH	4120	85723	2.01%	0.028%
118	8.639	8.606	8.661	HH	3969	121877	2.86%	0.040%
119	8.681	8.661	8.694	HH	3863	75001	1.76%	0.024%
120	8.721	8.694	8.749	HH	5789	148847	3.49%	0.048%
121	8.771	8.749	8.784	HH	3960	80279	1.88%	0.026%
122	8.789	8.784	8.800	HH	3921	36633	0.86%	0.012%
123	8.823	8.800	8.841	HH	4567	102932	2.42%	0.033%
124	8.846	8.841	8.854	HH	4000	30533	0.72%	0.010%
125	8.903	8.854	8.930	HH	5033	198442	4.66%	0.064%
126	8.951	8.930	8.971	HH	5195	113936	2.67%	0.037%
127	8.986	8.971	9.001	HH	4783	82776	1.94%	0.027%
128	9.019	9.001	9.040	HH	5932	116339	2.73%	0.038%
129	9.076	9.040	9.111	HH	9347	254593	5.97%	0.083%
130	9.125	9.111	9.146	HH	5035	97727	2.29%	0.032%
131	9.167	9.146	9.186	HH	5356	115291	2.71%	0.037%
132	9.195	9.186	9.209	HH	4807	66614	1.56%	0.022%
133	9.226	9.209	9.242	HH	5062	95023	2.23%	0.031%
134	9.267	9.242	9.282	HH	7401	146900	3.45%	0.048%
135	9.296	9.282	9.319	HH	6383	127251	2.99%	0.041%
136	9.332	9.319	9.342	HH	5405	73689	1.73%	0.024%
137	9.361	9.342	9.391	HH	12459	218836	5.14%	0.071%
138	9.400	9.391	9.417	HH	4945	74905	1.76%	0.024%
139	9.450	9.417	9.469	HH	5403	155572	3.65%	0.051%
140	9.474	9.469	9.478	HH	5141	30249	0.71%	0.010%
141	9.483	9.478	9.494	HH	5192	47413	1.11%	0.015%

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142	9.502	9.494	9.514	HH	5186	60333	1.42%	0.020%
143	9.543	9.514	9.572	HH	8647	228525	5.36%	0.074%
144	9.589	9.572	9.614	HH	6004	143196	3.36%	0.047%
145	9.620	9.614	9.633	HH	5525	60637	1.42%	0.020%
146	9.661	9.633	9.681	HH	6414	162676	3.82%	0.053%
147	9.703	9.681	9.715	HH	5673	109495	2.57%	0.036%
148	9.744	9.715	9.764	HH	6959	187005	4.39%	0.061%
149	9.781	9.764	9.795	HH	7799	124556	2.92%	0.040%
150	9.804	9.795	9.819	HH	6505	89174	2.09%	0.029%
151	9.824	9.819	9.843	HH	6061	83535	1.96%	0.027%
152	9.868	9.843	9.879	HH	6735	132665	3.11%	0.043%
153	9.885	9.879	9.907	HH	6420	99318	2.33%	0.032%
154	9.925	9.907	9.955	HH	6996	170863	4.01%	0.056%
155	9.997	9.955	10.029	HH	6228	251352	5.90%	0.082%
156	10.063	10.029	10.077	HH	6723	172495	4.05%	0.056%
157	10.107	10.077	10.119	HH	6284	152962	3.59%	0.050%
158	10.144	10.119	10.165	HH	15218	255885	6.00%	0.083%
159	10.171	10.165	10.174	HH	6184	33314	0.78%	0.011%
160	10.177	10.174	10.198	HH	6163	86137	2.02%	0.028%
161	10.220	10.198	10.237	HH	6717	148999	3.50%	0.048%
162	10.254	10.237	10.294	HH	6560	214901	5.04%	0.070%
163	10.324	10.294	10.339	HH	6450	167533	3.93%	0.054%
164	10.362	10.339	10.385	HH	6558	178165	4.18%	0.058%
165	10.396	10.385	10.414	HH	6455	110844	2.60%	0.036%
166	10.427	10.414	10.454	HH	6775	153114	3.59%	0.050%
167	10.471	10.454	10.476	HH	6639	86951	2.04%	0.028%
168	10.494	10.476	10.505	HH	7219	119535	2.80%	0.039%
169	10.537	10.505	10.566	HH	11747	307621	7.22%	0.100%
170	10.585	10.566	10.599	HH	7720	147164	3.45%	0.048%
171	10.623	10.599	10.659	HH	8027	262859	6.17%	0.085%
172	10.681	10.659	10.725	HH	8160	293864	6.90%	0.095%
173	10.789	10.725	10.800	HH	8025	335698	7.88%	0.109%
174	10.832	10.800	10.852	HH	9085	267133	6.27%	0.087%
175	10.887	10.852	10.914	HH	18432	412039	9.67%	0.134%
176	10.919	10.914	10.930	HH	8135	75285	1.77%	0.024%
177	10.961	10.930	10.988	HH	17277	396530	9.30%	0.129%
178	11.004	10.988	11.024	HH	9158	193488	4.54%	0.063%
179	11.043	11.024	11.060	HH	9155	185436	4.35%	0.060%
180	11.075	11.060	11.091	HH	8657	153892	3.61%	0.050%
181	11.104	11.091	11.120	HH	8695	148873	3.49%	0.048%
182	11.146	11.120	11.161	HH	9505	219448	5.15%	0.071%
183	11.171	11.161	11.190	HH	8833	152656	3.58%	0.050%
184	11.215	11.190	11.247	HH	14788	366554	8.60%	0.119%
185	11.266	11.247	11.312	HH	11842	396567	9.31%	0.129%
186	11.341	11.312	11.364	HH	10186	298559	7.01%	0.097%
187	11.399	11.364	11.434	HH	10607	402345	9.44%	0.131%
188	11.476	11.434	11.509	HH	9644	421017	9.88%	0.137%
189	11.524	11.509	11.540	HH	10530	187103	4.39%	0.061%
190	11.560	11.540	11.574	HH	10222	200827	4.71%	0.065%
191	11.594	11.574	11.613	HH	19154	314591	7.38%	0.102%
192	11.644	11.613	11.662	HH	10145	285108	6.69%	0.093%
193	11.687	11.662	11.733	HH	14716	467255	10.96%	0.152%
194	11.754	11.733	11.777	HH	9787	246297	5.78%	0.080%

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195	11.798	11.777	11.822	HH	13455	292317	6.86%	0.095%
196	11.852	11.822	11.874	HH	11008	314053	7.37%	0.102%
197	11.907	11.874	11.938	HH	10927	401096	9.41%	0.130%
198	11.964	11.938	11.977	HH	10446	232790	5.46%	0.076%
199	11.999	11.977	12.010	HH	11270	217466	5.10%	0.071%
200	12.024	12.010	12.044	HH	12051	229098	5.38%	0.074%
201	12.054	12.044	12.059	HH	10444	96472	2.26%	0.031%
202	12.082	12.059	12.105	HH	11059	293199	6.88%	0.095%
203	12.148	12.105	12.172	HH	11705	446112	10.47%	0.145%
204	12.197	12.172	12.212	HH	10979	257124	6.03%	0.084%
205	12.266	12.212	12.289	HH	19213	622628	14.61%	0.202%
206	12.294	12.289	12.327	HH	11610	254981	5.98%	0.083%
207	12.382	12.327	12.402	HH	12990	520816	12.22%	0.169%
208	12.409	12.402	12.414	HH	11688	86305	2.03%	0.028%
209	12.444	12.414	12.464	HH	11752	346786	8.14%	0.113%
210	12.492	12.464	12.506	HH	12364	295432	6.93%	0.096%
211	12.525	12.506	12.547	HH	15332	334863	7.86%	0.109%
212	12.559	12.547	12.567	HH	13326	161515	3.79%	0.052%
213	12.580	12.567	12.594	HH	13980	213302	5.01%	0.069%
214	12.602	12.594	12.633	HH	13250	299680	7.03%	0.097%
215	12.640	12.633	12.653	HH	12675	156633	3.68%	0.051%
216	12.665	12.653	12.674	HH	13049	160652	3.77%	0.052%
217	12.683	12.674	12.704	HH	13250	228607	5.36%	0.074%
218	12.720	12.704	12.745	HH	14098	325898	7.65%	0.106%
219	12.760	12.745	12.774	HH	13068	223982	5.26%	0.073%
220	12.780	12.774	12.797	HH	12741	172030	4.04%	0.056%
221	12.834	12.797	12.847	HH	13422	388022	9.11%	0.126%
222	12.860	12.847	12.876	HH	13463	224961	5.28%	0.073%
223	12.910	12.876	12.931	HH	22267	526847	12.36%	0.171%
224	12.945	12.931	12.959	HH	13244	217536	5.10%	0.071%
225	12.979	12.959	13.002	HH	13710	340567	7.99%	0.111%
226	13.038	13.002	13.044	HH	14240	342379	8.03%	0.111%
227	13.068	13.044	13.093	HH	14470	409956	9.62%	0.133%
228	13.105	13.093	13.114	HH	12931	163756	3.84%	0.053%
229	13.138	13.114	13.148	HH	13262	265045	6.22%	0.086%
230	13.162	13.148	13.174	HH	13616	207404	4.87%	0.067%
231	13.186	13.174	13.201	HH	14021	223204	5.24%	0.073%
232	13.211	13.201	13.225	HH	13748	193692	4.55%	0.063%
233	13.237	13.225	13.247	HH	13324	181203	4.25%	0.059%
234	13.268	13.247	13.290	HH	14140	351231	8.24%	0.114%
235	13.309	13.290	13.322	HH	14254	263288	6.18%	0.086%
236	13.366	13.322	13.429	HH	334837	4261492	100.00%	1.385%
237	13.445	13.429	13.462	HH	15039	286182	6.72%	0.093%
238	13.486	13.462	13.505	HH	14598	368123	8.64%	0.120%
239	13.525	13.505	13.562	HH	22437	572495	13.43%	0.186%
240	13.575	13.562	13.586	HH	15114	215360	5.05%	0.070%
241	13.601	13.586	13.614	HH	15709	254561	5.97%	0.083%
242	13.628	13.614	13.634	HH	15374	177235	4.16%	0.058%
243	13.637	13.634	13.673	HH	15313	339557	7.97%	0.110%
244	13.698	13.673	13.707	HH	14729	300387	7.05%	0.098%
245	13.724	13.707	13.735	HH	15530	247911	5.82%	0.081%
246	13.757	13.735	13.777	HH	16359	401226	9.42%	0.130%

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247	13.800	13.777	13.811	HH	16486	323476	7.59%	0.105%
248	13.835	13.811	13.856	HH	16302	421869	9.90%	0.137%
249	13.870	13.856	13.883	HH	16167	259904	6.10%	0.084%
250	13.933	13.883	13.998	HH	27829	1266075	29.71%	0.411%
251	14.024	13.998	14.040	HH	16730	410022	9.62%	0.133%
252	14.066	14.040	14.082	HH	18552	438975	10.30%	0.143%
253	14.113	14.082	14.133	HH	26861	618235	14.51%	0.201%
254	14.149	14.133	14.165	HH	20571	371567	8.72%	0.121%
255	14.170	14.165	14.185	HH	18537	218949	5.14%	0.071%
256	14.200	14.185	14.238	HH	18528	559131	13.12%	0.182%
257	14.273	14.238	14.289	HH	17671	532127	12.49%	0.173%
258	14.302	14.289	14.320	HH	17872	328216	7.70%	0.107%
259	14.356	14.320	14.377	HH	20058	646633	15.17%	0.210%
260	14.382	14.377	14.392	HH	17909	156813	3.68%	0.051%
261	14.417	14.392	14.442	HH	19276	553117	12.98%	0.180%
262	14.453	14.442	14.462	HH	18748	226943	5.33%	0.074%
263	14.466	14.462	14.469	HH	18792	79531	1.87%	0.026%
264	14.478	14.469	14.493	HH	18941	261668	6.14%	0.085%
265	14.552	14.493	14.580	HH	24576	1072961	25.18%	0.349%
266	14.603	14.580	14.637	HH	20076	660188	15.49%	0.214%
267	14.657	14.637	14.665	HH	23699	366047	8.59%	0.119%
268	14.679	14.665	14.711	HH	29925	641811	15.06%	0.209%
269	14.731	14.711	14.739	HH	20130	327073	7.68%	0.106%
270	14.750	14.739	14.762	HH	20441	275838	6.47%	0.090%
271	14.778	14.762	14.817	HH	22316	704570	16.53%	0.229%
272	14.823	14.817	14.825	HH	20831	95955	2.25%	0.031%
273	14.830	14.825	14.850	HH	20940	301174	7.07%	0.098%
274	14.854	14.850	14.865	HH	19862	186642	4.38%	0.061%
275	14.890	14.865	14.921	HH	20975	688227	16.15%	0.224%
276	14.934	14.921	14.942	HH	20866	262184	6.15%	0.085%
277	14.964	14.942	14.983	HH	24264	542948	12.74%	0.176%
278	14.998	14.983	15.017	HH	21593	431494	10.13%	0.140%
279	15.035	15.017	15.042	HH	22209	322955	7.58%	0.105%
280	15.061	15.042	15.100	HH	31270	859917	20.18%	0.279%
281	15.123	15.100	15.151	HH	22759	669082	15.70%	0.217%
282	15.177	15.151	15.197	HH	23933	634555	14.89%	0.206%
283	15.222	15.197	15.251	HH	38793	895493	21.01%	0.291%
284	15.276	15.251	15.290	HH	23762	535473	12.57%	0.174%
285	15.305	15.290	15.331	HH	23577	560352	13.15%	0.182%
286	15.337	15.331	15.348	HH	22813	230961	5.42%	0.075%
287	15.370	15.348	15.377	HH	23744	411534	9.66%	0.134%
288	15.386	15.377	15.403	HH	23980	366824	8.61%	0.119%
289	15.430	15.403	15.450	HH	24542	666684	15.64%	0.217%
290	15.461	15.450	15.481	HH	23967	440534	10.34%	0.143%
291	15.492	15.481	15.504	HH	24102	343479	8.06%	0.112%
292	15.510	15.504	15.521	HH	23949	237176	5.57%	0.077%
293	15.531	15.521	15.541	HH	24056	279122	6.55%	0.091%
294	15.564	15.541	15.571	HH	26553	466309	10.94%	0.152%
295	15.576	15.571	15.593	HH	26179	333889	7.84%	0.108%
296	15.611	15.593	15.635	HH	25799	633099	14.86%	0.206%
297	15.641	15.635	15.649	HH	24961	202132	4.74%	0.066%
298	15.655	15.649	15.657	HH	24964	126518	2.97%	0.041%
299	15.676	15.657	15.682	HH	25340	373030	8.75%	0.121%

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300	15.694	15.682	15.707	HH	25778	385020	9.03%	0.125%
301	15.712	15.707	15.723	HH	25621	231992	5.44%	0.075%
302	15.744	15.723	15.768	HH	42920	880031	20.65%	0.286%
303	15.780	15.768	15.787	HH	26736	302168	7.09%	0.098%
304	15.797	15.787	15.821	HH	26763	524644	12.31%	0.170%
305	15.832	15.821	15.851	HH	26015	466690	10.95%	0.152%
306	15.869	15.851	15.887	HH	26123	562679	13.20%	0.183%
307	15.893	15.887	15.899	HH	25707	179150	4.20%	0.058%
308	15.920	15.899	15.958	HH	31375	979197	22.98%	0.318%
309	16.001	15.958	16.021	HH	28939	1054940	24.76%	0.343%
310	16.043	16.021	16.051	HH	29044	502720	11.80%	0.163%
311	16.069	16.051	16.089	HH	29793	672337	15.78%	0.218%
312	16.102	16.089	16.107	HH	28891	306278	7.19%	0.100%
313	16.114	16.107	16.120	HH	29148	218561	5.13%	0.071%
314	16.122	16.120	16.130	HH	29123	181268	4.25%	0.059%
315	16.139	16.130	16.156	HH	29369	444434	10.43%	0.144%
316	16.163	16.156	16.166	HH	28812	176891	4.15%	0.057%
317	16.187	16.166	16.198	HH	29418	557454	13.08%	0.181%
318	16.211	16.198	16.219	HH	29321	372727	8.75%	0.121%
319	16.248	16.219	16.274	HH	51223	1209585	28.38%	0.393%
320	16.298	16.274	16.327	HH	31805	995976	23.37%	0.324%
321	16.350	16.327	16.361	HH	31129	607909	14.27%	0.198%
322	16.376	16.361	16.395	HH	31598	647086	15.18%	0.210%
323	16.422	16.395	16.443	HH	33514	927097	21.76%	0.301%
324	16.467	16.443	16.478	HH	36759	713178	16.74%	0.232%
325	16.483	16.478	16.507	HH	36324	619690	14.54%	0.201%
326	16.565	16.507	16.594	HH	38126	1829180	42.92%	0.594%
327	16.615	16.594	16.629	HH	36380	742670	17.43%	0.241%
328	16.641	16.629	16.666	HH	37799	800870	18.79%	0.260%
329	16.681	16.666	16.700	HH	35009	716068	16.80%	0.233%
330	16.734	16.700	16.756	HH	60711	1448912	34.00%	0.471%
331	16.768	16.756	16.796	HH	37978	887727	20.83%	0.288%
332	16.812	16.796	16.817	HH	36275	447328	10.50%	0.145%
333	16.859	16.817	16.864	HH	38998	1063760	24.96%	0.346%
334	16.894	16.864	16.929	HH	42725	1595577	37.44%	0.518%
335	16.962	16.929	16.992	HH	43268	1601856	37.59%	0.520%
336	17.033	16.992	17.055	HH	44136	1570751	36.86%	0.510%
337	17.086	17.055	17.126	HH	45282	1827611	42.89%	0.594%
338	17.131	17.126	17.142	HH	41053	399247	9.37%	0.130%
339	17.203	17.142	17.233	HH	69333	2670596	62.67%	0.868%
340	17.257	17.233	17.277	HH	61706	1410887	33.11%	0.458%
341	17.293	17.277	17.307	HH	51774	882571	20.71%	0.287%
342	17.324	17.307	17.341	HH	49317	983836	23.09%	0.320%
343	17.360	17.341	17.382	HH	48777	1158386	27.18%	0.376%
344	17.407	17.382	17.419	HH	53803	1127897	26.47%	0.366%
345	17.426	17.419	17.446	HH	53089	816690	19.16%	0.265%
346	17.461	17.446	17.471	HH	52327	771114	18.09%	0.251%
347	17.491	17.471	17.512	HH	58457	1327632	31.15%	0.431%
348	17.549	17.512	17.568	HH	54617	1727462	40.54%	0.561%
349	17.573	17.568	17.581	HH	52286	432263	10.14%	0.140%
350	17.592	17.581	17.609	HH	52654	849330	19.93%	0.276%
351	17.629	17.609	17.639	HH	57281	956955	22.46%	0.311%

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352	17.658	17.639	17.692	HH	91232	2178756	51.13%	0.708%
353	17.723	17.692	17.740	HH	61141	1583939	37.17%	0.515%
354	17.757	17.740	17.780	HH	63535	1381420	32.42%	0.449%
355	17.808	17.780	17.836	HH	66861	1960510	46.01%	0.637%
356	17.856	17.836	17.874	HH	55496	1212360	28.45%	0.394%
357	17.892	17.874	17.908	HH	56380	1120707	26.30%	0.364%
358	17.935	17.908	17.946	HH	54253	1191803	27.97%	0.387%
359	17.989	17.946	18.005	HH	56839	1939951	45.52%	0.630%
360	18.031	18.005	18.060	HH	65888	1987187	46.63%	0.646%
361	18.095	18.060	18.115	HH	95048	2405093	56.44%	0.781%
362	18.126	18.115	18.162	HH	68160	1713947	40.22%	0.557%
363	18.184	18.162	18.201	HH	60993	1363430	31.99%	0.443%
364	18.214	18.201	18.219	HH	56434	584490	13.72%	0.190%
365	18.243	18.219	18.249	HH	59674	1055366	24.77%	0.343%
366	18.254	18.249	18.262	HH	59490	458044	10.75%	0.149%
367	18.285	18.262	18.302	HH	109665	2027211	47.57%	0.659%
368	18.310	18.302	18.344	HH	74542	1644740	38.60%	0.534%
369	18.368	18.344	18.396	HH	63353	1849766	43.41%	0.601%
370	18.415	18.396	18.430	HH	61210	1184087	27.79%	0.385%
371	18.451	18.430	18.456	HH	61977	936135	21.97%	0.304%
372	18.484	18.456	18.499	HH	68683	1666008	39.09%	0.541%
373	18.518	18.499	18.560	HH	90192	2511696	58.94%	0.816%
374	18.569	18.560	18.585	HH	55553	802098	18.82%	0.261%
375	18.621	18.585	18.633	HH	66333	1763303	41.38%	0.573%
376	18.654	18.633	18.675	HH	109369	2112073	49.56%	0.686%
377	18.682	18.675	18.705	HH	68379	1145855	26.89%	0.372%
378	18.715	18.705	18.728	HH	60778	831940	19.52%	0.270%
379	18.740	18.728	18.751	HH	59836	808936	18.98%	0.263%
380	18.786	18.751	18.797	HH	62357	1687887	39.61%	0.548%
381	18.811	18.797	18.834	HH	63019	1361881	31.96%	0.442%
382	18.839	18.834	18.859	HH	61299	900365	21.13%	0.293%
383	18.867	18.859	18.888	HH	59725	1054475	24.74%	0.343%
384	18.930	18.888	18.952	HH	87233	2606820	61.17%	0.847%
385	18.963	18.952	18.984	HH	62331	1173013	27.53%	0.381%
386	18.991	18.984	19.000	HH	60285	577348	13.55%	0.188%
387	19.024	19.000	19.035	HH	61252	1228205	28.82%	0.399%
388	19.076	19.035	19.099	HH	99135	2772298	65.05%	0.901%
389	19.125	19.099	19.149	HH	89224	2196227	51.54%	0.714%
390	19.167	19.149	19.191	HH	64956	1594437	37.41%	0.518%
391	19.211	19.191	19.236	HH	68278	1770921	41.56%	0.575%
392	19.257	19.236	19.278	HH	66887	1651549	38.76%	0.537%
393	19.327	19.278	19.351	HH	84997	3057511	71.75%	0.993%
394	19.355	19.351	19.380	HH	64770	1088563	25.54%	0.354%
395	19.407	19.380	19.434	HH	86301	2346423	55.06%	0.762%
396	19.475	19.434	19.502	HH	82042	2858852	67.09%	0.929%
397	19.524	19.502	19.533	HH	66460	1226364	28.78%	0.398%
398	19.538	19.533	19.547	HH	66673	564745	13.25%	0.183%
399	19.573	19.547	19.604	HH	70132	2338303	54.87%	0.760%
400	19.615	19.604	19.620	HH	68376	651289	15.28%	0.212%
401	19.630	19.620	19.646	HH	69079	1024996	24.05%	0.333%
402	19.656	19.646	19.674	HH	68246	1145308	26.88%	0.372%
403	19.679	19.674	19.684	HH	68690	436207	10.24%	0.142%
404	19.688	19.684	19.693	HH	68301	364991	8.56%	0.119%

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405	19.716	19.693	19.747	HH	89368	2497580	58.61%	0.811%
406	19.789	19.747	19.814	HH	85860	3006047	70.54%	0.977%
407	19.833	19.814	19.851	HH	71825	1556623	36.53%	0.506%
408	19.882	19.851	19.922	HH	83613	3170146	74.39%	1.030%
409	19.941	19.922	19.947	HH	72490	1097365	25.75%	0.357%
410	19.956	19.947	19.962	HH	72273	649298	15.24%	0.211%
411	19.968	19.962	19.971	HH	72243	362276	8.50%	0.118%
412	20.001	19.971	20.015	HH	76657	2009433	47.15%	0.653%
413	20.034	20.015	20.058	HH	74936	1863514	43.73%	0.605%
414	20.094	20.058	20.125	HH	91712	3217997	75.51%	1.046%
415	20.146	20.125	20.160	HH	77949	1599174	37.53%	0.520%
416	20.181	20.160	20.214	HH	86608	2599037	60.99%	0.844%
417	20.221	20.214	20.228	HH	76827	647129	15.19%	0.210%
418	20.235	20.228	20.246	HH	77894	816679	19.16%	0.265%
419	20.253	20.246	20.259	HH	77077	618101	14.50%	0.201%
420	20.296	20.259	20.318	HH	85132	2846906	66.81%	0.925%
421	20.324	20.318	20.331	HH	77993	587295	13.78%	0.191%
422	20.346	20.331	20.351	HH	80005	949746	22.29%	0.309%
423	20.370	20.351	20.374	HH	80574	1102838	25.88%	0.358%
424	20.379	20.374	20.389	HH	80655	706631	16.58%	0.230%
425	20.394	20.389	20.397	HH	78880	392068	9.20%	0.127%
426	20.431	20.397	20.437	HH	83457	1922556	45.11%	0.625%
427	20.461	20.437	20.498	HH	93181	3149271	73.90%	1.023%
428	20.505	20.498	20.507	HH	80241	395441	9.28%	0.128%
429	20.512	20.507	20.526	HH	80560	938418	22.02%	0.305%
430	20.536	20.526	20.542	HH	79469	733471	17.21%	0.238%
431	20.575	20.542	20.602	HH	92997	3043059	71.41%	0.989%
432	20.609	20.602	20.622	HH	78200	918131	21.54%	0.298%
433	20.628	20.622	20.630	HH	78555	395349	9.28%	0.128%
434	20.645	20.630	20.648	HH	80094	864805	20.29%	0.281%
435	20.657	20.648	20.670	HH	80923	1021299	23.97%	0.332%
436	20.673	20.670	20.691	HH	80328	1014552	23.81%	0.330%
437	20.722	20.691	20.745	HH	88807	2688941	63.10%	0.874%
438	20.752	20.745	20.766	HH	80148	1005968	23.61%	0.327%
439	20.777	20.766	20.804	HH	79826	1791558	42.04%	0.582%
440	20.816	20.804	20.821	HH	79386	809186	18.99%	0.263%
441	20.824	20.821	20.827	HH	79090	291590	6.84%	0.095%
442	20.850	20.827	20.915	HH	89117	4215798	98.93%	1.370%
443	20.927	20.915	20.932	HH	76636	784264	18.40%	0.255%
444	20.947	20.932	20.961	HH	78396	1338693	31.41%	0.435%
445	20.968	20.961	20.976	HH	78099	722347	16.95%	0.235%
446	21.009	20.976	21.051	HH	86660	3637955	85.37%	1.182%
447	21.060	21.051	21.068	HH	77600	813261	19.08%	0.264%
448	21.110	21.068	21.115	HH	81346	2227853	52.28%	0.724%
449	21.120	21.115	21.147	HH	81449	1530166	35.91%	0.497%
450	21.151	21.147	21.179	HH	78993	1463237	34.34%	0.475%
451	21.183	21.179	21.207	HH	76002	1273122	29.88%	0.414%
452	21.213	21.207	21.228	HH	75873	969076	22.74%	0.315%
453	21.236	21.228	21.243	HH	76519	656976	15.42%	0.213%
454	21.250	21.243	21.256	HH	75476	568233	13.33%	0.185%
455	21.282	21.256	21.321	HH	85814	3062576	71.87%	0.995%
456	21.327	21.321	21.338	HH	71879	752519	17.66%	0.244%

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457	21.347	21.338	21.358	HH	72837	837067	19.64%	0.272%		
458	21.362	21.358	21.365	HH	71241	319785	7.50%	0.104%		
459	21.376	21.365	21.386	HH	72535	889108	20.86%	0.289%		
460	21.392	21.386	21.397	HH	72407	498960	11.71%	0.162%		
461	21.402	21.397	21.411	HH	72495	605977	14.22%	0.197%		
462	21.419	21.411	21.436	HH	72497	1066329	25.02%	0.346%		
463	21.493	21.436	21.501	HH	74160	2844261	66.74%	0.924%		
464	21.506	21.501	21.543	HH	74073	1790471	42.02%	0.582%		
465	21.547	21.543	21.553	HH	70855	426417	10.01%	0.139%		
466	21.563	21.553	21.572	HH	71092	812895	19.08%	0.264%		
467	21.578	21.572	21.601	HH	71739	1238070	29.05%	0.402%		
468	21.608	21.601	21.614	HH	70918	551660	12.95%	0.179%		
469	21.617	21.614	21.665	HH	71676	2152613	50.51%	0.699%		
470	21.671	21.665	21.685	HH	68824	819712	19.24%	0.266%		
471	21.691	21.685	21.697	HH	68466	485334	11.39%	0.158%		
472	21.702	21.697	21.709	HH	68174	494470	11.60%	0.161%		
473	21.719	21.709	21.724	HH	68593	595515	13.97%	0.193%		
474	21.770	21.724	21.816	HH	78121	3918257	91.95%	1.273%		
475	21.825	21.816	21.849	HH	67150	1314209	30.84%	0.427%		
476	21.865	21.849	21.874	HH	67483	1015268	23.82%	0.330%		
477	21.895	21.874	21.913	HH	68102	1544973	36.25%	0.502%		
478	21.917	21.913	21.947	HH	67700	1368169	32.11%	0.445%		
479	21.952	21.947	21.967	HH	65062	765032	17.95%	0.249%		
480	21.980	21.967	21.989	HH	64927	858146	20.14%	0.279%		
481	21.995	21.989	22.006	HH	64690	671497	15.76%	0.218%		
482	22.015	22.006	22.020	HH	63798	502385	11.79%	0.163%		
483	22.028	22.020	22.047	HH	64185	1059303	24.86%	0.344%		
484	22.058	22.047	22.116	HH	64771	2612583	61.31%	0.849%		
485	22.131	22.116	22.155	HH	63856	1500329	35.21%	0.487%		
486	22.165	22.155	22.174	HH	63588	709084	16.64%	0.230%		
487	22.180	22.174	22.186	HH	63660	470906	11.05%	0.153%		
488	22.191	22.186	22.206	HH	63702	730706	17.15%	0.237%		
489	22.211	22.206	22.233	HH	62840	1022360	23.99%	0.332%		
490	22.249	22.233	22.262	HH	62642	1089605	25.57%	0.354%		
491	22.268	22.262	22.274	HH	62148	438067	10.28%	0.142%		
492	22.284	22.274	22.289	HH	62364	571477	13.41%	0.186%		
493	22.326	22.289	22.379	HH	72390	3559601	83.53%	1.157%		
494	22.395	22.379	22.403	HH	62016	902071	21.17%	0.293%		
495	22.408	22.403	22.424	HH	61821	780051	18.30%	0.253%		
496	22.427	22.424	22.441	HHA	61110	618447	14.51%	0.201%		
					Sum of corrected areas:					307783041

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