

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091720\
 Data File : FF007596.D
 Signal(s) : FID2B.ch
 Acq On : 17 Sep 2020 17:47
 Sample : L4062-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090120.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.317	2.300	2.327	BH	110	607	0.01%	0.000%
2	2.342	2.327	2.401	PH	588	3865	0.06%	0.001%
3	2.408	2.401	2.425	PH	4	-1351	-0.02%	-0.000%
4	2.429	2.425	2.444	PH	-59	-1431	-0.02%	-0.000%
5	2.454	2.444	2.469	PH	-41	-1885	-0.03%	-0.000%
6	2.473	2.469	2.490	PH	-93	-2051	-0.03%	-0.000%
7	2.493	2.490	2.506	PH	-157	-1736	-0.03%	-0.000%
8	2.517	2.506	2.567	PH	659	1639	0.02%	0.000%
9	2.577	2.567	2.605	PH	104	-2934	-0.04%	-0.001%
10	2.614	2.605	2.627	PH	-96	-2162	-0.03%	-0.000%
11	2.640	2.627	2.652	PH	-31	-2707	-0.04%	-0.001%
12	2.661	2.652	2.666	PH	-253	-2322	-0.03%	-0.000%
13	2.676	2.666	2.683	PH	-141	-2142	-0.03%	-0.000%
14	2.686	2.683	2.693	PH	-212	-1860	-0.03%	-0.000%
15	2.700	2.693	2.705	PH	-165	-1713	-0.02%	-0.000%
16	2.711	2.705	2.727	PH	-197	-3407	-0.05%	-0.001%
17	2.732	2.727	2.742	PH	-251	-2829	-0.04%	-0.001%
18	2.766	2.742	2.794	PH	154	-6454	-0.09%	-0.001%
19	2.806	2.794	2.857	PH	-28	-10547	-0.15%	-0.002%
20	2.871	2.857	2.880	PH	-343	-5747	-0.08%	-0.001%
21	2.897	2.880	2.948	PH	545	-4196	-0.06%	-0.001%
22	2.965	2.948	2.984	PH	-196	-6717	-0.10%	-0.001%
23	2.997	2.984	3.002	PH	-213	-3286	-0.05%	-0.001%
24	3.006	3.002	3.022	PH	-240	-3983	-0.06%	-0.001%
25	3.041	3.022	3.047	PH	-294	-4927	-0.07%	-0.001%
26	3.078	3.047	3.114	PH	730	2175	0.03%	0.000%
27	3.124	3.114	3.141	PH	209	-1158	-0.02%	-0.000%
28	3.158	3.141	3.191	PH	75	-6484	-0.09%	-0.001%
29	3.196	3.191	3.209	PH	-260	-3937	-0.06%	-0.001%
30	3.216	3.209	3.229	PH	-339	-5102	-0.07%	-0.001%
31	3.233	3.229	3.239	PH	-429	-2660	-0.04%	-0.001%
32	3.263	3.239	3.292	PH	49	-9012	-0.13%	-0.002%
33	3.306	3.292	3.327	PH	-215	-6992	-0.10%	-0.001%
34	3.332	3.327	3.360	PH	-318	-8584	-0.12%	-0.002%
35	3.374	3.360	3.388	PH	192	-3020	-0.04%	-0.001%
36	3.395	3.388	3.416	PH	-388	-7626	-0.11%	-0.002%

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37	3.420	3.416	3.429	PH	-462	-3882	-0.06%	-0.001%
38	3.436	3.429	3.452	PH	-521	-7813	-0.11%	-0.002%
39	3.463	3.452	3.469	PH	-519	-5526	-0.08%	-0.001%
40	3.472	3.469	3.478	PH	-461	-2604	-0.04%	-0.001%
41	3.481	3.478	3.496	PH	-467	-5593	-0.08%	-0.001%
42	3.502	3.496	3.512	PH	-494	-5249	-0.08%	-0.001%
43	3.540	3.512	3.555	PH	-296	-12681	-0.18%	-0.003%
44	3.565	3.555	3.584	PH	-431	-8704	-0.13%	-0.002%
45	3.597	3.584	3.607	PH	-524	-7724	-0.11%	-0.002%
46	3.617	3.607	3.629	PH	-450	-7718	-0.11%	-0.002%
47	3.651	3.629	3.657	PH	-409	-9211	-0.13%	-0.002%
48	3.679	3.657	3.736	PH	1634	-6747	-0.10%	-0.001%
49	3.749	3.736	3.767	PH	-357	-8547	-0.12%	-0.002%
50	3.772	3.767	3.781	PH	-352	-4151	-0.06%	-0.001%
51	3.786	3.781	3.803	PH	-510	-7757	-0.11%	-0.002%
52	3.825	3.803	3.841	PH	-531	-13472	-0.20%	-0.003%
53	3.844	3.841	3.853	PH	-588	-4201	-0.06%	-0.001%
54	3.876	3.853	3.892	PH	-375	-12381	-0.18%	-0.003%
55	3.897	3.892	3.913	PH	-580	-7905	-0.11%	-0.002%
56	3.924	3.913	3.940	PH	-586	-11344	-0.16%	-0.002%
57	3.963	3.940	4.014	PH	-446	-30101	-0.44%	-0.006%
58	4.019	4.014	4.023	PH	-800	-4361	-0.06%	-0.001%
59	4.046	4.023	4.085	PH	10003	81984	1.19%	0.017%
60	4.099	4.085	4.124	PH	889	4661	0.07%	0.001%
61	4.132	4.124	4.172	PH	-240	-13072	-0.19%	-0.003%
62	4.205	4.172	4.291	PH	3954	34238	0.50%	0.007%
63	4.296	4.291	4.337	PH	-369	-13288	-0.19%	-0.003%
64	4.342	4.337	4.358	PH	-525	-7310	-0.11%	-0.002%
65	4.364	4.358	4.377	PH	-532	-6600	-0.10%	-0.001%
66	4.388	4.377	4.400	PH	-434	-6715	-0.10%	-0.001%
67	4.410	4.400	4.427	PH	-460	-9020	-0.13%	-0.002%
68	4.451	4.427	4.486	PH	704	-6313	-0.09%	-0.001%
69	4.498	4.486	4.511	PH	-268	-6558	-0.10%	-0.001%
70	4.522	4.511	4.544	PH	-371	-9585	-0.14%	-0.002%
71	4.549	4.544	4.575	PH	-414	-9859	-0.14%	-0.002%
72	4.600	4.575	4.631	PH	1096	-2511	-0.04%	-0.001%
73	4.670	4.631	4.696	PH	415	-6064	-0.09%	-0.001%
74	4.700	4.696	4.755	PH	-128	-13055	-0.19%	-0.003%
75	4.758	4.755	4.774	PH	-489	-6517	-0.09%	-0.001%
76	4.795	4.774	4.809	PH	-316	-9662	-0.14%	-0.002%
77	4.815	4.809	4.820	PH	-443	-2933	-0.04%	-0.001%
78	4.828	4.820	4.850	PH	-397	-8545	-0.12%	-0.002%
79	4.868	4.850	4.899	PH	-386	-15184	-0.22%	-0.003%
80	4.931	4.899	4.944	PH	-382	-14006	-0.20%	-0.003%
81	4.959	4.944	4.970	PH	-521	-8950	-0.13%	-0.002%
82	4.977	4.970	4.999	PH	-547	-10103	-0.15%	-0.002%
83	5.030	4.999	5.035	PH	-382	-10337	-0.15%	-0.002%
84	5.048	5.035	5.052	PH	-243	-3450	-0.05%	-0.001%
85	5.056	5.052	5.074	PH	-97	-5924	-0.09%	-0.001%
86	5.078	5.074	5.082	PH	-522	-2691	-0.04%	-0.001%
87	5.088	5.082	5.092	PH	-469	-2993	-0.04%	-0.001%
88	5.101	5.092	5.129	PH	-406	-10965	-0.16%	-0.002%
89	5.132	5.129	5.144	PH	-426	-4195	-0.06%	-0.001%

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90	5.152	5.144	5.167	PH	-374	-7040	-0.10%	-0.001%
91	5.182	5.167	5.187	PH	-310	-4985	-0.07%	-0.001%
92	5.194	5.187	5.216	PH	-278	-6999	-0.10%	-0.001%
93	5.228	5.216	5.243	PH	-400	-8365	-0.12%	-0.002%
94	5.263	5.243	5.269	PH	-444	-8535	-0.12%	-0.002%
95	5.273	5.269	5.280	PH	-513	-3730	-0.05%	-0.001%
96	5.284	5.280	5.288	PH	-530	-2595	-0.04%	-0.001%
97	5.313	5.288	5.344	PH	504	-7487	-0.11%	-0.002%
98	5.348	5.344	5.359	PH	-388	-4156	-0.06%	-0.001%
99	5.377	5.359	5.430	PH	57	-16772	-0.24%	-0.004%
100	5.443	5.430	5.472	PH	-147	-10974	-0.16%	-0.002%
101	5.495	5.472	5.513	PH	-105	-9143	-0.13%	-0.002%
102	5.518	5.513	5.535	PH	-278	-5092	-0.07%	-0.001%
103	5.549	5.535	5.588	PH	-95	-11380	-0.17%	-0.002%
104	5.607	5.588	5.625	PH	-300	-10403	-0.15%	-0.002%
105	5.629	5.625	5.633	PH	-523	-2457	-0.04%	-0.001%
106	5.640	5.633	5.651	PH	-495	-6084	-0.09%	-0.001%
107	5.682	5.651	5.700	PH	-246	-12809	-0.19%	-0.003%
108	5.730	5.700	5.736	PH	-272	-9682	-0.14%	-0.002%
109	5.739	5.736	5.748	PH	-399	-3099	-0.04%	-0.001%
110	5.765	5.748	5.789	PH	-209	-8368	-0.12%	-0.002%
111	5.800	5.789	5.812	PH	-140	-3648	-0.05%	-0.001%
112	5.827	5.812	5.860	PH	-307	-12120	-0.18%	-0.003%
113	5.869	5.860	5.886	PH	-450	-7896	-0.11%	-0.002%
114	5.903	5.886	5.926	PH	-335	-9849	-0.14%	-0.002%
115	5.945	5.926	5.978	PH	-280	-13219	-0.19%	-0.003%
116	6.017	5.978	6.026	PH	-292	-11757	-0.17%	-0.002%
117	6.050	6.026	6.087	PH	2341	15304	0.22%	0.003%
118	6.093	6.087	6.106	PH	-172	-2728	-0.04%	-0.001%
119	6.112	6.106	6.122	PH	-209	-2567	-0.04%	-0.001%
120	6.125	6.122	6.130	PH	-190	-1210	-0.02%	-0.000%
121	6.137	6.130	6.170	PH	-240	-8165	-0.12%	-0.002%
122	6.190	6.170	6.237	PH	578	-4942	-0.07%	-0.001%
123	6.263	6.237	6.304	PH	-165	-12407	-0.18%	-0.003%
124	6.324	6.304	6.351	PH	368	-90	-0.00%	-0.000%
125	6.356	6.351	6.381	PH	-82	-2860	-0.04%	-0.001%
126	6.404	6.381	6.416	PH	-44	-3477	-0.05%	-0.001%
127	6.437	6.416	6.457	PH	150	-465	-0.01%	-0.000%
128	6.479	6.457	6.507	PH	724	7938	0.12%	0.002%
129	6.517	6.507	6.529	PH	-6	-1068	-0.02%	-0.000%
130	6.530	6.529	6.545	PH	-66	-1817	-0.03%	-0.000%
131	6.554	6.545	6.560	PH	-112	-1668	-0.02%	-0.000%
132	6.563	6.560	6.568	PH	-125	-1031	-0.01%	-0.000%
133	6.574	6.568	6.604	PH	-129	-4655	-0.07%	-0.001%
134	6.609	6.604	6.613	PH	-158	-1013	-0.01%	-0.000%
135	6.632	6.613	6.655	PH	345	-2187	-0.03%	-0.000%
136	6.674	6.655	6.715	PH	-11	-7031	-0.10%	-0.001%
137	6.720	6.715	6.727	PH	-250	-1879	-0.03%	-0.000%
138	6.736	6.727	6.741	PH	-207	-2057	-0.03%	-0.000%
139	6.760	6.741	6.785	PH	-76	-5729	-0.08%	-0.001%
140	6.799	6.785	6.836	PH	48	-3503	-0.05%	-0.001%
141	6.852	6.836	6.859	PH	-165	-2819	-0.04%	-0.001%

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142	6.879	6.859	6.904	PH	-52	-3721	-0.05%	-0.001%
143	6.917	6.904	6.938	PH	-95	-3502	-0.05%	-0.001%
144	6.960	6.938	6.977	PH	363	3710	0.05%	0.001%
145	6.996	6.977	7.028	HH	494	10642	0.15%	0.002%
146	7.036	7.028	7.069	HH	283	3565	0.05%	0.001%
147	7.081	7.069	7.089	PH	167	1143	0.02%	0.000%
148	7.108	7.089	7.126	HH	1499	15547	0.23%	0.003%
149	7.134	7.126	7.165	HH	355	3184	0.05%	0.001%
150	7.180	7.165	7.200	PH	390	2691	0.04%	0.001%
151	7.204	7.200	7.222	PH	12	-1739	-0.03%	-0.000%
152	7.243	7.222	7.259	PH	905	5768	0.08%	0.001%
153	7.276	7.259	7.294	PH	262	1192	0.02%	0.000%
154	7.305	7.294	7.324	PH	97	-1143	-0.02%	-0.000%
155	7.339	7.324	7.353	PH	-61	-1731	-0.03%	-0.000%
156	7.402	7.353	7.441	PH	664	5030	0.07%	0.001%
157	7.448	7.441	7.456	PH	-48	-1057	-0.02%	-0.000%
158	7.483	7.456	7.489	PH	-17	-1683	-0.02%	-0.000%
159	7.494	7.489	7.509	PH	-32	-1054	-0.02%	-0.000%
160	7.535	7.509	7.546	PH	224	-218	-0.00%	-0.000%
161	7.551	7.546	7.555	PH	-82	-482	-0.01%	-0.000%
162	7.582	7.555	7.590	PH	209	1071	0.02%	0.000%
163	7.596	7.590	7.610	HH	102	114	0.00%	0.000%
164	7.629	7.610	7.649	PH	109	520	0.01%	0.000%
165	7.690	7.649	7.725	PH	599	4676	0.07%	0.001%
166	7.742	7.725	7.765	PH	119	-352	-0.01%	-0.000%
167	7.769	7.765	7.780	PH	14	-369	-0.01%	-0.000%
168	7.833	7.780	7.845	PH	902	13962	0.20%	0.003%
169	7.855	7.845	7.912	HH	897	14629	0.21%	0.003%
170	7.929	7.912	7.937	HH	232	2118	0.03%	0.000%
171	7.941	7.937	7.950	HH	142	791	0.01%	0.000%
172	8.011	7.950	8.036	HH	745	24560	0.36%	0.005%
173	8.046	8.036	8.070	HH	534	8375	0.12%	0.002%
174	8.096	8.070	8.129	HH	1071	23657	0.34%	0.005%
175	8.139	8.129	8.145	HH	513	4416	0.06%	0.001%
176	8.166	8.145	8.190	HH	1096	22539	0.33%	0.005%
177	8.207	8.190	8.220	HH	1683	21919	0.32%	0.005%
178	8.239	8.220	8.255	HH	3686	50722	0.74%	0.011%
179	8.271	8.255	8.310	HH	2758	53002	0.77%	0.011%
180	8.336	8.310	8.372	HH	38626	425671	6.17%	0.089%
181	8.392	8.372	8.432	HH	8249	130954	1.90%	0.027%
182	8.440	8.432	8.472	HH	1594	27789	0.40%	0.006%
183	8.479	8.472	8.489	HH	920	8530	0.12%	0.002%
184	8.493	8.489	8.546	HH	888	23956	0.35%	0.005%
185	8.550	8.546	8.557	HH	651	4047	0.06%	0.001%
186	8.565	8.557	8.595	HH	608	10959	0.16%	0.002%
187	8.639	8.595	8.654	HH	976	25368	0.37%	0.005%
188	8.686	8.654	8.714	HH	3521	62667	0.91%	0.013%
189	8.737	8.714	8.789	HH	2089	68872	1.00%	0.014%
190	8.808	8.789	8.841	HH	2054	41001	0.59%	0.009%
191	8.854	8.841	8.874	HH	1053	18897	0.27%	0.004%
192	8.878	8.874	8.884	HH	970	5757	0.08%	0.001%
193	8.896	8.884	8.905	HH	1105	12810	0.19%	0.003%
194	8.928	8.905	8.944	HH	1673	31487	0.46%	0.007%

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195	8.960	8.944	8.979	HH	2259	34760	0.50%	0.007%
196	8.997	8.979	9.064	HH	3189	89666	1.30%	0.019%
197	9.066	9.064	9.069	HH	1094	3171	0.05%	0.001%
198	9.096	9.069	9.120	HH	3610	61086	0.89%	0.013%
199	9.137	9.120	9.168	HH	1840	39870	0.58%	0.008%
200	9.193	9.168	9.216	HH	1508	34838	0.51%	0.007%
201	9.253	9.216	9.267	HH	1767	40702	0.59%	0.009%
202	9.284	9.267	9.310	HH	1890	38860	0.56%	0.008%
203	9.336	9.310	9.363	HH	2216	51788	0.75%	0.011%
204	9.390	9.363	9.415	HH	1958	49895	0.72%	0.010%
205	9.432	9.415	9.452	HH	2988	49575	0.72%	0.010%
206	9.472	9.452	9.505	HH	4559	98746	1.43%	0.021%
207	9.512	9.505	9.528	HH	2498	30840	0.45%	0.006%
208	9.550	9.528	9.578	HH	2726	66248	0.96%	0.014%
209	9.592	9.578	9.603	HH	2582	34596	0.50%	0.007%
210	9.615	9.603	9.637	HH	2774	52516	0.76%	0.011%
211	9.652	9.637	9.675	HH	2472	50691	0.74%	0.011%
212	9.680	9.675	9.694	HH	2133	23083	0.33%	0.005%
213	9.710	9.694	9.722	HH	2328	36540	0.53%	0.008%
214	9.735	9.722	9.772	HH	2364	62225	0.90%	0.013%
215	9.794	9.772	9.803	HH	2981	46378	0.67%	0.010%
216	9.808	9.803	9.812	HH	2878	15380	0.22%	0.003%
217	9.815	9.812	9.859	HH	2930	68108	0.99%	0.014%
218	9.876	9.859	9.910	HH	4156	95773	1.39%	0.020%
219	9.918	9.910	9.947	HH	2753	51632	0.75%	0.011%
220	9.960	9.947	9.965	HH	2190	23407	0.34%	0.005%
221	9.983	9.965	10.012	HH	2468	60881	0.88%	0.013%
222	10.030	10.012	10.047	HH	2383	47065	0.68%	0.010%
223	10.052	10.047	10.077	HH	2371	39242	0.57%	0.008%
224	10.084	10.077	10.089	HH	2193	15100	0.22%	0.003%
225	10.097	10.089	10.119	HH	2219	36178	0.52%	0.008%
226	10.154	10.119	10.169	HH	2325	64623	0.94%	0.014%
227	10.223	10.169	10.245	HH	3078	117900	1.71%	0.025%
228	10.264	10.245	10.285	HH	3471	72134	1.05%	0.015%
229	10.323	10.285	10.337	HH	3789	99815	1.45%	0.021%
230	10.355	10.337	10.380	HH	4367	92471	1.34%	0.019%
231	10.402	10.380	10.438	HH	3943	118619	1.72%	0.025%
232	10.472	10.438	10.489	HH	4173	110518	1.60%	0.023%
233	10.493	10.489	10.508	HH	3704	40376	0.59%	0.008%
234	10.528	10.508	10.557	HH	5231	129116	1.87%	0.027%
235	10.570	10.557	10.589	HH	4617	78574	1.14%	0.016%
236	10.615	10.589	10.632	HH	5755	121542	1.76%	0.025%
237	10.644	10.632	10.657	HH	4424	62701	0.91%	0.013%
238	10.684	10.657	10.708	HH	6166	154349	2.24%	0.032%
239	10.719	10.708	10.736	HH	4574	73704	1.07%	0.015%
240	10.745	10.736	10.764	HH	4326	69054	1.00%	0.014%
241	10.779	10.764	10.802	HH	4319	95118	1.38%	0.020%
242	10.807	10.802	10.816	HH	4052	34064	0.49%	0.007%
243	10.842	10.816	10.853	HH	4861	95917	1.39%	0.020%
244	10.877	10.853	10.927	HH	25906	443579	6.43%	0.093%
245	10.953	10.927	10.980	HH	13933	252679	3.66%	0.053%
246	10.987	10.980	10.999	HH	5134	56190	0.81%	0.012%

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247	11.013	10.999	11.028	HH	5270	84097	1.22%	0.018%
248	11.048	11.028	11.078	HH	4867	144649	2.10%	0.030%
249	11.087	11.078	11.094	HH	4664	43333	0.63%	0.009%
250	11.095	11.094	11.104	HH	4626	27118	0.39%	0.006%
251	11.131	11.104	11.150	HH	4978	129339	1.88%	0.027%
252	11.171	11.150	11.212	HH	6889	205936	2.99%	0.043%
253	11.250	11.212	11.258	HH	5352	141585	2.05%	0.030%
254	11.291	11.258	11.301	HH	6077	148947	2.16%	0.031%
255	11.319	11.301	11.337	HH	7499	138259	2.00%	0.029%
256	11.353	11.337	11.365	HH	6419	104264	1.51%	0.022%
257	11.370	11.365	11.383	HH	6295	63834	0.93%	0.013%
258	11.407	11.383	11.437	HH	8498	227541	3.30%	0.048%
259	11.478	11.437	11.497	HH	6688	218041	3.16%	0.046%
260	11.521	11.497	11.526	HH	7093	113898	1.65%	0.024%
261	11.529	11.526	11.547	HH	7041	86371	1.25%	0.018%
262	11.567	11.547	11.577	HH	7214	120946	1.75%	0.025%
263	11.586	11.577	11.601	HH	7428	105773	1.53%	0.022%
264	11.609	11.601	11.627	HH	7049	106137	1.54%	0.022%
265	11.637	11.627	11.650	HH	6966	95050	1.38%	0.020%
266	11.681	11.650	11.696	HH	10981	231515	3.36%	0.049%
267	11.713	11.696	11.758	HH	12529	317824	4.61%	0.067%
268	11.797	11.758	11.815	HH	12890	330923	4.80%	0.069%
269	11.831	11.815	11.845	HH	11282	178918	2.59%	0.038%
270	11.862	11.845	11.899	HH	11746	285005	4.13%	0.060%
271	11.936	11.899	11.955	HH	7934	254788	3.69%	0.053%
272	11.992	11.955	12.010	HH	9843	287387	4.17%	0.060%
273	12.015	12.010	12.022	HH	8438	57115	0.83%	0.012%
274	12.044	12.022	12.065	HH	14738	288599	4.18%	0.060%
275	12.088	12.065	12.132	HH	9741	362239	5.25%	0.076%
276	12.154	12.132	12.174	HH	11677	254181	3.69%	0.053%
277	12.180	12.174	12.194	HH	9132	104428	1.51%	0.022%
278	12.247	12.194	12.289	HH	103659	1707271	24.76%	0.358%
279	12.300	12.289	12.319	HH	11836	201288	2.92%	0.042%
280	12.326	12.319	12.346	HH	10832	174610	2.53%	0.037%
281	12.362	12.346	12.391	HH	10933	283424	4.11%	0.059%
282	12.406	12.391	12.457	HH	11055	419484	6.08%	0.088%
283	12.474	12.457	12.515	HH	11861	387823	5.62%	0.081%
284	12.538	12.515	12.561	HH	13158	322416	4.68%	0.068%
285	12.585	12.561	12.602	HH	16501	339635	4.92%	0.071%
286	12.630	12.602	12.673	HH	15115	565120	8.19%	0.118%
287	12.701	12.673	12.745	HH	62841	1065315	15.45%	0.223%
288	12.768	12.745	12.787	HH	11962	292097	4.24%	0.061%
289	12.803	12.787	12.813	HH	12090	186056	2.70%	0.039%
290	12.838	12.813	12.869	HH	14731	447528	6.49%	0.094%
291	12.889	12.869	12.909	HH	14883	334048	4.84%	0.070%
292	12.912	12.909	12.920	HH	13945	90714	1.32%	0.019%
293	12.938	12.920	12.968	HH	15014	401010	5.81%	0.084%
294	13.001	12.968	13.024	HH	62101	977222	14.17%	0.205%
295	13.033	13.024	13.040	HH	15488	147487	2.14%	0.031%
296	13.063	13.040	13.081	HH	36277	615619	8.93%	0.129%
297	13.087	13.081	13.102	HH	20585	237597	3.45%	0.050%
298	13.121	13.102	13.143	HH	27701	511956	7.42%	0.107%
299	13.182	13.143	13.220	HH	16434	714415	10.36%	0.150%

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300	13.266	13.220	13.292	HH	35845	929792	13.48%	0.195%
301	13.318	13.292	13.382	HH	32921	1167555	16.93%	0.245%
302	13.399	13.382	13.415	HH	18355	347844	5.04%	0.073%
303	13.422	13.415	13.439	HH	17338	240414	3.49%	0.050%
304	13.479	13.439	13.542	HH	32339	1278633	18.54%	0.268%
305	13.591	13.542	13.619	HH	26797	935500	13.57%	0.196%
306	13.660	13.619	13.679	HH	18828	639633	9.27%	0.134%
307	13.699	13.679	13.720	HH	23480	506002	7.34%	0.106%
308	13.739	13.720	13.757	HH	23364	463836	6.73%	0.097%
309	13.783	13.757	13.805	HH	19842	551576	8.00%	0.116%
310	13.840	13.805	13.852	HH	23891	600732	8.71%	0.126%
311	13.869	13.852	13.895	HH	25538	598364	8.68%	0.125%
312	13.911	13.895	13.934	HH	23571	498545	7.23%	0.104%
313	13.956	13.934	13.962	HH	20174	337939	4.90%	0.071%
314	13.987	13.962	14.015	HH	21243	648306	9.40%	0.136%
315	14.058	14.015	14.065	HH	21389	619402	8.98%	0.130%
316	14.069	14.065	14.085	HH	21492	250792	3.64%	0.053%
317	14.087	14.085	14.098	HH	20464	158602	2.30%	0.033%
318	14.122	14.098	14.133	HH	21677	443407	6.43%	0.093%
319	14.148	14.133	14.176	HH	21664	545537	7.91%	0.114%
320	14.228	14.176	14.252	HH	28115	1077937	15.63%	0.226%
321	14.303	14.252	14.312	HH	25303	875368	12.69%	0.183%
322	14.330	14.312	14.344	HH	28317	511399	7.42%	0.107%
323	14.352	14.344	14.370	HH	25534	383478	5.56%	0.080%
324	14.401	14.370	14.423	HH	27479	803543	11.65%	0.168%
325	14.432	14.423	14.445	HH	26789	337502	4.89%	0.071%
326	14.458	14.445	14.484	HH	27387	626346	9.08%	0.131%
327	14.508	14.484	14.530	HH	30358	780888	11.32%	0.164%
328	14.536	14.530	14.549	HH	26911	294892	4.28%	0.062%
329	14.572	14.549	14.596	HH	33990	824816	11.96%	0.173%
330	14.633	14.596	14.651	HH	30116	928629	13.47%	0.195%
331	14.657	14.651	14.678	HH	27202	430943	6.25%	0.090%
332	14.694	14.678	14.704	HH	28939	430951	6.25%	0.090%
333	14.737	14.704	14.774	HH	160718	2984379	43.27%	0.626%
334	14.784	14.774	14.800	HH	29542	463835	6.73%	0.097%
335	14.803	14.800	14.818	HH	28867	302863	4.39%	0.063%
336	14.837	14.818	14.853	HH	31414	622984	9.03%	0.131%
337	14.884	14.853	14.905	HH	58997	1275508	18.50%	0.267%
338	14.927	14.905	14.962	HH	59584	1422437	20.63%	0.298%
339	14.982	14.962	15.005	HH	32106	802929	11.64%	0.168%
340	15.025	15.005	15.029	HH	32571	439416	6.37%	0.092%
341	15.047	15.029	15.072	HH	38508	915414	13.27%	0.192%
342	15.082	15.072	15.104	HH	33854	632596	9.17%	0.133%
343	15.127	15.104	15.146	HH	34229	833025	12.08%	0.175%
344	15.150	15.146	15.167	HH	31716	399994	5.80%	0.084%
345	15.192	15.167	15.216	HH	36039	997083	14.46%	0.209%
346	15.250	15.216	15.268	HH	35426	1093820	15.86%	0.229%
347	15.285	15.268	15.291	HH	34817	474004	6.87%	0.099%
348	15.323	15.291	15.390	HH	148128	3739823	54.23%	0.784%
349	15.395	15.390	15.417	HH	36276	575013	8.34%	0.121%
350	15.426	15.417	15.441	HH	36433	505481	7.33%	0.106%
351	15.482	15.441	15.504	HH	53664	1644593	23.85%	0.345%

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352	15.558	15.504	15.581	HH	47652	1974070	28.62%	0.414%
353	15.602	15.581	15.620	HH	43366	961195	13.94%	0.201%
354	15.626	15.620	15.632	HH	38712	269275	3.90%	0.056%
355	15.727	15.632	15.752	HH	46342	2994718	43.42%	0.628%
356	15.760	15.752	15.769	HH	41013	414135	6.01%	0.087%
357	15.798	15.769	15.818	HH	43222	1229023	17.82%	0.258%
358	15.839	15.818	15.864	HH	45413	1202113	17.43%	0.252%
359	15.884	15.864	15.906	HH	45683	1123475	16.29%	0.235%
360	15.926	15.906	15.939	HH	45326	863218	12.52%	0.181%
361	15.966	15.939	15.976	HH	49958	1064613	15.44%	0.223%
362	15.992	15.976	16.016	HH	47784	1115418	16.17%	0.234%
363	16.033	16.016	16.050	HH	47142	934087	13.54%	0.196%
364	16.065	16.050	16.084	HH	46595	933791	13.54%	0.196%
365	16.090	16.084	16.105	HH	46462	588343	8.53%	0.123%
366	16.113	16.105	16.124	HH	46534	529161	7.67%	0.111%
367	16.160	16.124	16.168	HH	51675	1280130	18.56%	0.268%
368	16.175	16.168	16.196	HH	51665	854344	12.39%	0.179%
369	16.205	16.196	16.220	HH	49894	728396	10.56%	0.153%
370	16.267	16.220	16.295	HH	60722	2444744	35.45%	0.512%
371	16.340	16.295	16.401	HH	66609	3604957	52.27%	0.756%
372	16.451	16.401	16.470	HH	98466	2854250	41.39%	0.598%
373	16.478	16.470	16.502	HH	69423	1213633	17.60%	0.254%
374	16.507	16.502	16.510	HH	55941	273168	3.96%	0.057%
375	16.530	16.510	16.539	HH	59504	992750	14.40%	0.208%
376	16.550	16.539	16.564	HH	59658	885105	12.83%	0.186%
377	16.583	16.564	16.602	HH	69395	1483139	21.51%	0.311%
378	16.622	16.602	16.630	HH	62299	1043774	15.14%	0.219%
379	16.637	16.630	16.646	HH	61692	558557	8.10%	0.117%
380	16.671	16.646	16.682	HH	63156	1346438	19.52%	0.282%
381	16.686	16.682	16.691	HH	61856	316317	4.59%	0.066%
382	16.711	16.691	16.725	HH	65586	1317089	19.10%	0.276%
383	16.773	16.725	16.804	HH	88942	3384694	49.08%	0.709%
384	16.831	16.804	16.860	HH	93460	2515828	36.48%	0.527%
385	16.866	16.860	16.870	HH	63772	369485	5.36%	0.077%
386	16.930	16.870	16.957	HH	79471	3789481	54.95%	0.794%
387	16.964	16.957	16.983	HH	75807	1171867	16.99%	0.246%
388	16.989	16.983	17.007	HH	74257	1030285	14.94%	0.216%
389	17.021	17.007	17.032	HH	70135	1029646	14.93%	0.216%
390	17.066	17.032	17.070	HH	71910	1619023	23.48%	0.339%
391	17.074	17.070	17.082	HH	72272	518369	7.52%	0.109%
392	17.096	17.082	17.115	HH	73449	1451222	21.04%	0.304%
393	17.144	17.115	17.149	HH	75795	1503029	21.79%	0.315%
394	17.175	17.149	17.184	HH	77871	1590193	23.06%	0.333%
395	17.193	17.184	17.207	HH	78574	1085667	15.74%	0.228%
396	17.214	17.207	17.221	HH	77664	647365	9.39%	0.136%
397	17.247	17.221	17.264	HH	81555	2052542	29.76%	0.430%
398	17.285	17.264	17.312	HH	87360	2362692	34.26%	0.495%
399	17.327	17.312	17.334	HH	82744	1063197	15.42%	0.223%
400	17.367	17.334	17.388	HH	95107	2833645	41.09%	0.594%
401	17.417	17.388	17.437	HH	83809	2363482	34.27%	0.495%
402	17.448	17.437	17.468	HH	83516	1547353	22.44%	0.324%
403	17.496	17.468	17.523	HH	89444	2816842	40.85%	0.590%
404	17.552	17.523	17.577	HH	87696	2728156	39.56%	0.572%

rteres								
405	17.586	17.577	17.591	HH	83104	669492	9.71%	0.140%
406	17.596	17.591	17.602	HH	83588	550499	7.98%	0.115%
407	17.608	17.602	17.614	HH	83422	614672	8.91%	0.129%
408	17.622	17.614	17.628	HH	83781	695747	10.09%	0.146%
409	17.646	17.628	17.651	HH	85075	1136552	16.48%	0.238%
410	17.656	17.651	17.689	HH	85039	1930773	28.00%	0.405%
411	17.721	17.689	17.738	HH	90445	2592980	37.60%	0.543%
412	17.756	17.738	17.760	HH	90504	1179440	17.10%	0.247%
413	17.810	17.760	17.839	HH	105687	4525744	65.63%	0.949%
414	17.847	17.839	17.852	HH	90841	685359	9.94%	0.144%
415	17.867	17.852	17.880	HH	92849	1498433	21.73%	0.314%
416	17.898	17.880	17.920	HH	95683	2280124	33.06%	0.478%
417	17.963	17.920	18.000	HH	107753	4759905	69.02%	0.998%
418	18.006	18.000	18.025	HH	101533	1476965	21.42%	0.310%
419	18.041	18.025	18.047	HH	97506	1266933	18.37%	0.266%
420	18.062	18.047	18.089	HH	99229	2412061	34.98%	0.506%
421	18.123	18.089	18.134	HH	103889	2690911	39.02%	0.564%
422	18.169	18.134	18.194	HH	141447	4314852	62.57%	0.904%
423	18.207	18.194	18.222	HH	120606	1981700	28.74%	0.415%
424	18.233	18.222	18.265	HH	118403	2800149	40.60%	0.587%
425	18.272	18.265	18.277	HH	101543	726805	10.54%	0.152%
426	18.300	18.277	18.314	HH	104464	2286520	33.16%	0.479%
427	18.335	18.314	18.358	HH	121796	3010236	43.65%	0.631%
428	18.371	18.358	18.428	HH	110047	4413506	64.00%	0.925%
429	18.465	18.428	18.500	HH	123547	4757949	68.99%	0.997%
430	18.513	18.500	18.519	HH	105830	1158132	16.79%	0.243%
431	18.549	18.519	18.560	HH	107929	2640392	38.29%	0.553%
432	18.569	18.560	18.579	HH	108043	1188960	17.24%	0.249%
433	18.598	18.579	18.614	HH	114637	2329457	33.78%	0.488%
434	18.638	18.614	18.676	HH	132945	4478346	64.94%	0.939%
435	18.680	18.676	18.685	HH	107057	541667	7.85%	0.114%
436	18.759	18.685	18.785	HH	123427	6896366	100.00%	1.445%
437	18.804	18.785	18.831	HH	122700	3209915	46.55%	0.673%
438	18.848	18.831	18.855	HH	115894	1717104	24.90%	0.360%
439	18.862	18.855	18.874	HH	114576	1251457	18.15%	0.262%
440	18.892	18.874	18.897	HH	118597	1604931	23.27%	0.336%
441	18.908	18.897	18.918	HH	119537	1531415	22.21%	0.321%
442	18.928	18.918	18.960	HH	122830	2970104	43.07%	0.623%
443	19.004	18.960	19.027	HH	149135	5384384	78.08%	1.129%
444	19.042	19.027	19.077	HH	134731	3901898	56.58%	0.818%
445	19.091	19.077	19.106	HH	127208	2183885	31.67%	0.458%
446	19.111	19.106	19.118	HH	125094	934020	13.54%	0.196%
447	19.162	19.118	19.174	HH	130788	4255893	61.71%	0.892%
448	19.185	19.174	19.194	HH	129412	1524728	22.11%	0.320%
449	19.207	19.194	19.220	HH	125343	1994617	28.92%	0.418%
450	19.244	19.220	19.254	HH	127636	2511963	36.42%	0.526%
451	19.272	19.254	19.279	HH	128009	1904633	27.62%	0.399%
452	19.284	19.279	19.294	HH	129074	1149386	16.67%	0.241%
453	19.305	19.294	19.310	HH	128400	1268299	18.39%	0.266%
454	19.317	19.310	19.326	HH	129859	1245275	18.06%	0.261%
455	19.352	19.326	19.369	HH	129312	3235697	46.92%	0.678%
456	19.374	19.369	19.382	HH	127990	1018815	14.77%	0.214%

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457	19.387	19.382	19.394	HH	127809	888422	12.88%	0.186%
458	19.430	19.394	19.449	HH	137888	4413322	63.99%	0.925%
459	19.474	19.449	19.495	HH	136855	3627164	52.60%	0.760%
460	19.509	19.495	19.529	HH	136758	2743759	39.79%	0.575%
461	19.547	19.529	19.558	HH	139739	2402133	34.83%	0.503%
462	19.567	19.558	19.587	HH	140797	2408108	34.92%	0.505%
463	19.624	19.587	19.657	HH	144123	5842473	84.72%	1.225%
464	19.695	19.657	19.730	HH	144723	6158799	89.30%	1.291%
465	19.735	19.730	19.740	HH	141532	866966	12.57%	0.182%
466	19.747	19.740	19.760	HH	140149	1656705	24.02%	0.347%
467	19.798	19.760	19.826	HH	163825	6028087	87.41%	1.263%
468	19.833	19.826	19.853	HH	146661	2342373	33.97%	0.491%
469	19.862	19.853	19.886	HH	148323	2855812	41.41%	0.599%
470	19.891	19.886	19.895	HH	143301	805702	11.68%	0.169%
471	19.906	19.895	19.932	HH	143935	3161938	45.85%	0.663%
472	19.942	19.932	19.948	HH	143562	1410233	20.45%	0.296%
473	19.959	19.948	19.964	HH	148358	1328196	19.26%	0.278%
474	20.010	19.964	20.035	HH	158662	6559554	95.12%	1.375%
475	20.064	20.035	20.069	HH	152713	3043684	44.13%	0.638%
476	20.093	20.069	20.116	HH	156753	4373545	63.42%	0.917%
477	20.121	20.116	20.135	HH	153401	1795982	26.04%	0.376%
478	20.167	20.135	20.201	HH	156823	6034674	87.51%	1.265%
479	20.229	20.201	20.235	HH	156951	3173702	46.02%	0.665%
480	20.257	20.235	20.278	HH	162876	4099390	59.44%	0.859%
481	20.286	20.278	20.292	HH	160421	1342905	19.47%	0.281%
482	20.304	20.292	20.310	HH	159797	1664107	24.13%	0.349%
483	20.324	20.310	20.335	HH	162542	2478982	35.95%	0.520%
484	20.355	20.335	20.372	HH	164296	3561603	51.64%	0.746%
485	20.375	20.372	20.395	HH	161770	2247207	32.59%	0.471%
486	20.398	20.395	20.404	HH	160034	790501	11.46%	0.166%
487	20.410	20.404	20.430	HH	160018	2503914	36.31%	0.525%
488	20.438	20.430	20.457	HH	157412	2505720	36.33%	0.525%
489	20.464	20.457	20.468	HH	153865	999422	14.49%	0.209%
490	20.484	20.468	20.490	HH	155178	2075112	30.09%	0.435%
491	20.534	20.490	20.538	HH	163848	4514686	65.46%	0.946%
492	20.545	20.538	20.567	HH	165796	2773245	40.21%	0.581%
493	20.589	20.567	20.617	HH	156981	4671815	67.74%	0.979%
494	20.621	20.617	20.628	HH	151898	1009520	14.64%	0.212%
495	20.634	20.628	20.638	HH	150680	853456	12.38%	0.179%
496	20.663	20.638	20.678	HH	154305	3671303	53.24%	0.769%
497	20.685	20.678	20.705	HH	152639	2439787	35.38%	0.511%
498	20.711	20.705	20.737	HH	151339	2913383	42.25%	0.611%
499	20.753	20.737	20.757	HH	150388	1765406	25.60%	0.370%
500	20.765	20.757	20.783	HH	152012	2374127	34.43%	0.498%
501	20.790	20.783	20.799	HH	151959	1399555	20.29%	0.293%
502	20.805	20.799	20.819	HH	151657	1853890	26.88%	0.389%
503	20.824	20.819	20.837	HH	151761	1618995	23.48%	0.339%
504	20.846	20.837	20.850	HH	151813	1201929	17.43%	0.252%
505	20.853	20.850	20.866	HH	149999	1400357	20.31%	0.294%
506	20.874	20.866	20.899	HH	149611	2881201	41.78%	0.604%
507	20.921	20.899	20.975	HH	150158	6727341	97.55%	1.410%
508	20.979	20.975	20.982	HH	141842	548082	7.95%	0.115%
509	20.987	20.982	20.994	HH	143186	1043748	15.13%	0.219%

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510	20.998	20.994	21.007	HH	141643	1095527	15.89%	0.230%
511	21.022	21.007	21.028	HH	142914	1800060	26.10%	0.377%
512	21.035	21.028	21.051	HH	145113	1944006	28.19%	0.407%
513	21.057	21.051	21.062	HH	143793	951993	13.80%	0.200%
514	21.069	21.062	21.080	HH	143349	1592821	23.10%	0.334%
515	21.087	21.080	21.104	HH	144041	2001290	29.02%	0.419%
516	21.122	21.104	21.139	HH	143571	3044848	44.15%	0.638%
517	21.153	21.139	21.160	HH	143362	1801105	26.12%	0.378%
518	21.166	21.160	21.187	HH	144220	2257834	32.74%	0.473%
519	21.194	21.187	21.199	HH	140817	1016255	14.74%	0.213%
520	21.208	21.199	21.243	HH	141713	3729089	54.07%	0.782%
521	21.251	21.243	21.274	HH	137984	2519065	36.53%	0.528%
522	21.284	21.274	21.304	HH	135948	2366959	34.32%	0.496%
523	21.316	21.304	21.322	HH	134473	1498050	21.72%	0.314%
524	21.329	21.322	21.340	HH	134705	1456170	21.12%	0.305%
525	21.385	21.340	21.391	HH	141003	4198162	60.87%	0.880%
526	21.395	21.391	21.422	HH	139195	2505295	36.33%	0.525%
527	21.437	21.422	21.449	HH	139296	2270117	32.92%	0.476%
528	21.454	21.449	21.465	HH	136928	1331590	19.31%	0.279%
529	21.496	21.465	21.532	HH	136964	5394600	78.22%	1.131%
530	21.541	21.532	21.552	HH	133203	1623201	23.54%	0.340%
531	21.559	21.552	21.564	HH	133030	927291	13.45%	0.194%
532	21.570	21.564	21.585	HH	132801	1637206	23.74%	0.343%
533	21.592	21.585	21.600	HH	131026	1167236	16.93%	0.245%
534	21.605	21.600	21.614	HH	130085	1076609	15.61%	0.226%
535	21.620	21.614	21.629	HH	129881	1199845	17.40%	0.251%
536	21.636	21.629	21.650	HH	129975	1610853	23.36%	0.338%
537	21.657	21.650	21.667	HH	127504	1271001	18.43%	0.266%
538	21.674	21.667	21.695	HH	127435	2154258	31.24%	0.452%
539	21.713	21.695	21.722	HH	127517	2017197	29.25%	0.423%
540	21.753	21.722	21.793	HH	129605	5418531	78.57%	1.136%
541	21.802	21.793	21.816	HH	125726	1739635	25.23%	0.365%
542	21.832	21.816	21.839	HH	128529	1733923	25.14%	0.363%
543	21.846	21.839	21.851	HH	127911	866998	12.57%	0.182%
544	21.856	21.851	21.861	HH	128599	812615	11.78%	0.170%
545	21.883	21.861	21.932	HH	130987	5400538	78.31%	1.132%
546	21.941	21.932	21.952	HH	123224	1468058	21.29%	0.308%
					Sum of corrected areas:	477110365		

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