

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100118\
 Data File : FE028854.D
 Signal(s) : FID1B.CH
 Acq On : 01 Oct 2018 23:26
 Sample : J5170-29
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE092118.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.532	2.515	2.547	PH	328	2820	0.08%	0.002%
2	2.566	2.547	2.586	PH	188	577	0.02%	0.000%
3	2.594	2.586	2.603	PH	-96	-1041	-0.03%	-0.001%
4	2.666	2.603	2.695	PH	121	-202	-0.01%	-0.000%
5	2.719	2.695	2.743	HH	911	11064	0.31%	0.010%
6	2.752	2.743	2.762	HH	287	2725	0.08%	0.002%
7	2.773	2.762	2.787	HH	738	7110	0.20%	0.006%
8	2.798	2.787	2.852	HH	769	9358	0.26%	0.008%
9	2.868	2.852	2.955	PH	148	1370	0.04%	0.001%
10	2.967	2.955	2.978	PH	90	372	0.01%	0.000%
11	2.998	2.978	3.022	PH	239	3266	0.09%	0.003%
12	3.043	3.022	3.075	HH	155	3124	0.09%	0.003%
13	3.095	3.075	3.113	HH	369	5863	0.16%	0.005%
14	3.122	3.113	3.147	HH	197	2486	0.07%	0.002%
15	3.159	3.147	3.168	HH	124	760	0.02%	0.001%
16	3.186	3.168	3.227	HH	218	4643	0.13%	0.004%
17	3.252	3.227	3.261	PH	187	1642	0.05%	0.001%
18	3.271	3.261	3.286	HH	293	2912	0.08%	0.003%
19	3.310	3.286	3.338	HH	334	8117	0.22%	0.007%
20	3.352	3.338	3.387	HH	295	6733	0.19%	0.006%
21	3.399	3.387	3.415	HH	375	3810	0.11%	0.003%
22	3.460	3.415	3.515	HH	1759	40515	1.12%	0.035%
23	3.527	3.515	3.539	HH	487	5768	0.16%	0.005%
24	3.555	3.539	3.621	HH	761	20077	0.56%	0.017%
25	3.653	3.621	3.678	HH	393	8465	0.23%	0.007%
26	3.725	3.678	3.745	HH	296	8566	0.24%	0.007%
27	3.781	3.745	3.798	HH	326	8068	0.22%	0.007%
28	3.806	3.798	3.838	HH	332	6330	0.18%	0.005%
29	3.858	3.838	3.878	HH	519	9991	0.28%	0.009%
30	3.887	3.878	3.900	HH	436	4844	0.13%	0.004%
31	3.932	3.900	3.954	HH	493	13099	0.36%	0.011%
32	3.969	3.954	3.985	HH	512	7798	0.22%	0.007%
33	4.069	3.985	4.118	HH	680	34341	0.95%	0.030%
34	4.155	4.118	4.163	HH	475	10921	0.30%	0.009%
35	4.232	4.163	4.368	HH	5338	152628	4.22%	0.131%
36	4.403	4.368	4.421	HH	829	20786	0.58%	0.018%

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37	4.436	4.421	4.462	HH	1031	20187	0.56%	0.017%	
38	4.474	4.462	4.531	HH	939	31279	0.87%	0.027%	
39	4.549	4.531	4.558	HH	836	11318	0.31%	0.010%	
40	4.578	4.558	4.606	HH	1127	26726	0.74%	0.023%	
41	4.626	4.606	4.643	HH	1266	20263	0.56%	0.017%	
42	4.677	4.643	4.708	HH	915	29276	0.81%	0.025%	
43	4.716	4.708	4.758	HH	777	21113	0.58%	0.018%	
44	4.780	4.758	4.846	HH	2095	51528	1.43%	0.044%	
45	4.855	4.846	4.865	HH	729	7398	0.20%	0.006%	
46	4.878	4.865	4.902	HH	680	13641	0.38%	0.012%	
47	4.916	4.902	4.945	HH	634	14396	0.40%	0.012%	
48	4.960	4.945	4.968	HH	543	6768	0.19%	0.006%	
49	5.011	4.968	5.065	HH	735	34100	0.94%	0.029%	
50	5.074	5.065	5.083	HH	541	5186	0.14%	0.004%	
51	5.103	5.083	5.134	HH	653	17263	0.48%	0.015%	
52	5.147	5.134	5.201	HH	706	25963	0.72%	0.022%	
53	5.229	5.201	5.258	HH	1209	30574	0.85%	0.026%	
54	5.277	5.258	5.292	HH	847	16114	0.45%	0.014%	
55	5.303	5.292	5.322	HH	834	14143	0.39%	0.012%	
56	5.328	5.322	5.345	HH	766	10182	0.28%	0.009%	
57	5.353	5.345	5.360	HH	787	6218	0.17%	0.005%	
58	5.366	5.360	5.408	HH	709	20336	0.56%	0.017%	
59	5.421	5.408	5.441	HH	787	12897	0.36%	0.011%	
60	5.455	5.441	5.479	HH	686	14903	0.41%	0.013%	
61	5.498	5.479	5.535	HH	1062	26972	0.75%	0.023%	
62	5.566	5.535	5.585	HH	825	21366	0.59%	0.018%	
63	5.593	5.585	5.608	HH	777	10084	0.28%	0.009%	
64	5.634	5.608	5.649	HH	744	17724	0.49%	0.015%	
65	5.669	5.649	5.700	HH	1073	25844	0.72%	0.022%	
66	5.722	5.700	5.734	HH	880	16279	0.45%	0.014%	
67	5.754	5.734	5.775	HH	939	21443	0.59%	0.018%	
68	5.788	5.775	5.835	HH	935	30448	0.84%	0.026%	
69	5.866	5.835	5.895	HH	900	28599	0.79%	0.025%	
70	5.924	5.895	5.941	HH	914	22442	0.62%	0.019%	
71	5.957	5.941	6.002	HH	1014	30645	0.85%	0.026%	
72	6.016	6.002	6.027	HH	840	11436	0.32%	0.010%	
73	6.048	6.027	6.065	HH	891	18821	0.52%	0.016%	
74	6.092	6.065	6.114	HH	928	23767	0.66%	0.020%	
75	6.129	6.114	6.148	HH	940	16402	0.45%	0.014%	
76	6.160	6.148	6.195	HH	958	24613	0.68%	0.021%	
77	6.222	6.195	6.234	HH	1292	24522	0.68%	0.021%	
78	6.246	6.234	6.288	HH	1418	39054	1.08%	0.034%	
79	6.302	6.288	6.310	HH	1083	13949	0.39%	0.012%	
80	6.363	6.310	6.444	HH	2126	103767	2.87%	0.089%	
81	6.460	6.444	6.492	HH	1296	34465	0.95%	0.030%	
82	6.509	6.492	6.578	HH	1394	64813	1.79%	0.056%	
83	6.590	6.578	6.631	HH	1254	36010	1.00%	0.031%	
84	6.654	6.631	6.693	HH	1264	42279	1.17%	0.036%	
85	6.703	6.693	6.728	HH	1172	22636	0.63%	0.019%	
86	6.753	6.728	6.768	HH	1174	27286	0.76%	0.023%	
87	6.803	6.768	6.852	HH	1819	74895	2.07%	0.064%	
88	6.868	6.852	6.891	HH	1737	35386	0.98%	0.030%	
89	6.913	6.891	6.926	HH	1641	30727	0.85%	0.026%	

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90	6.935	6.926	6.972	HH	1542	36716	1.02%	0.032%
91	6.991	6.972	7.018	HH	1200	31275	0.87%	0.027%
92	7.054	7.018	7.072	HH	1211	37465	1.04%	0.032%
93	7.082	7.072	7.096	HH	1166	16022	0.44%	0.014%
94	7.133	7.096	7.146	HH	1211	33281	0.92%	0.029%
95	7.163	7.146	7.178	HH	1253	22185	0.61%	0.019%
96	7.187	7.178	7.226	HH	1189	32168	0.89%	0.028%
97	7.256	7.226	7.272	HH	1227	31730	0.88%	0.027%
98	7.351	7.272	7.405	HH	1525	108605	3.01%	0.093%
99	7.419	7.405	7.428	HH	1308	17678	0.49%	0.015%
100	7.439	7.428	7.448	HH	1402	15554	0.43%	0.013%
101	7.473	7.448	7.483	HH	1403	28584	0.79%	0.025%
102	7.499	7.483	7.513	HH	1448	23389	0.65%	0.020%
103	7.521	7.513	7.562	HH	1361	36730	1.02%	0.032%
104	7.581	7.562	7.620	HH	1526	47321	1.31%	0.041%
105	7.631	7.620	7.672	HH	1360	40640	1.12%	0.035%
106	7.679	7.672	7.693	HH	1350	15279	0.42%	0.013%
107	7.725	7.693	7.745	HH	1430	39898	1.10%	0.034%
108	7.753	7.745	7.772	HH	1378	20998	0.58%	0.018%
109	7.783	7.772	7.822	HH	1351	40280	1.11%	0.035%
110	7.836	7.822	7.853	HH	1454	25053	0.69%	0.022%
111	7.876	7.853	7.925	HH	2786	78207	2.16%	0.067%
112	7.989	7.925	8.018	HH	2926	111740	3.09%	0.096%
113	8.040	8.018	8.090	HH	4048	96789	2.68%	0.083%
114	8.100	8.090	8.113	HH	1617	21195	0.59%	0.018%
115	8.124	8.113	8.138	HH	1558	23801	0.66%	0.020%
116	8.148	8.138	8.165	HH	1624	24493	0.68%	0.021%
117	8.199	8.165	8.257	HH	1945	89088	2.47%	0.077%
118	8.273	8.257	8.292	HH	1913	34918	0.97%	0.030%
119	8.308	8.292	8.321	HH	1744	28748	0.80%	0.025%
120	8.355	8.321	8.387	HH	2191	72339	2.00%	0.062%
121	8.422	8.387	8.437	HH	2305	56909	1.58%	0.049%
122	8.452	8.437	8.482	HH	2658	55194	1.53%	0.047%
123	8.524	8.482	8.616	HH	87194	1003534	27.78%	0.863%
124	8.629	8.616	8.667	HH	2720	70813	1.96%	0.061%
125	8.692	8.667	8.722	HH	2351	68935	1.91%	0.059%
126	8.740	8.722	8.768	HH	1958	51888	1.44%	0.045%
127	8.775	8.768	8.786	HH	1887	18628	0.52%	0.016%
128	8.824	8.786	8.838	HH	2304	62279	1.72%	0.054%
129	8.885	8.838	8.912	HH	2914	99336	2.75%	0.085%
130	8.929	8.912	8.944	HH	2619	45281	1.25%	0.039%
131	8.961	8.944	8.974	HH	2477	43209	1.20%	0.037%
132	8.992	8.974	9.032	HH	3274	86045	2.38%	0.074%
133	9.039	9.032	9.055	HH	2094	29052	0.80%	0.025%
134	9.080	9.055	9.116	HH	2296	77186	2.14%	0.066%
135	9.143	9.116	9.161	HH	2216	58300	1.61%	0.050%
136	9.184	9.161	9.245	HH	3319	127891	3.54%	0.110%
137	9.277	9.245	9.325	HH	3756	124126	3.44%	0.107%
138	9.365	9.325	9.408	HH	2292	106201	2.94%	0.091%
139	9.462	9.408	9.531	HH	4227	185905	5.15%	0.160%
140	9.551	9.531	9.565	HH	2339	46280	1.28%	0.040%
141	9.573	9.565	9.594	HH	2340	39324	1.09%	0.034%

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142	9.605	9.594	9.624	HH	2340	39813	1.10%	0.034%	
143	9.673	9.624	9.758	HH	3211	215090	5.95%	0.185%	
144	9.789	9.758	9.825	HH	2974	104205	2.88%	0.090%	
145	9.842	9.825	9.871	HH	2667	67243	1.86%	0.058%	
146	9.901	9.871	9.938	HH	3949	108724	3.01%	0.094%	
147	9.956	9.938	9.964	HH	2465	37653	1.04%	0.032%	
148	10.004	9.964	10.039	HH	2864	117675	3.26%	0.101%	
149	10.060	10.039	10.098	HH	5192	117242	3.25%	0.101%	
150	10.101	10.098	10.112	HH	2650	20366	0.56%	0.018%	
151	10.124	10.112	10.139	HH	2699	42909	1.19%	0.037%	
152	10.149	10.139	10.156	HH	2665	27175	0.75%	0.023%	
153	10.166	10.156	10.211	HH	2758	83444	2.31%	0.072%	
154	10.239	10.211	10.255	HH	2634	66704	1.85%	0.057%	
155	10.272	10.255	10.290	HH	2675	53197	1.47%	0.046%	
156	10.294	10.290	10.323	HH	2580	48954	1.36%	0.042%	
157	10.339	10.323	10.362	HH	2686	59044	1.63%	0.051%	
158	10.380	10.362	10.387	HH	2597	37660	1.04%	0.032%	
159	10.408	10.387	10.424	HH	3468	66493	1.84%	0.057%	
160	10.451	10.424	10.482	HH	4511	120218	3.33%	0.103%	
161	10.500	10.482	10.517	HH	3256	63488	1.76%	0.055%	
162	10.541	10.517	10.567	HH	3406	92932	2.57%	0.080%	
163	10.593	10.567	10.637	HH	3640	134196	3.71%	0.115%	
164	10.650	10.637	10.669	HH	3069	56014	1.55%	0.048%	
165	10.693	10.669	10.707	HH	3853	79234	2.19%	0.068%	
166	10.728	10.707	10.745	HH	3680	79458	2.20%	0.068%	
167	10.801	10.745	10.832	HH	6403	222506	6.16%	0.191%	
168	10.873	10.832	10.901	HH	5851	173847	4.81%	0.150%	
169	10.917	10.901	10.950	HH	4006	107053	2.96%	0.092%	
170	11.020	10.950	11.046	HH	3614	200405	5.55%	0.172%	
171	11.055	11.046	11.073	HH	3516	55892	1.55%	0.048%	
172	11.095	11.073	11.108	HH	4327	80226	2.22%	0.069%	
173	11.120	11.108	11.161	HH	4172	125545	3.48%	0.108%	
174	11.199	11.161	11.245	HH	4248	196759	5.45%	0.169%	
175	11.257	11.245	11.278	HH	3934	74449	2.06%	0.064%	
176	11.311	11.278	11.362	HH	3919	186450	5.16%	0.160%	
177	11.373	11.362	11.400	HH	3687	82953	2.30%	0.071%	
178	11.446	11.400	11.472	HH	3996	164152	4.54%	0.141%	
179	11.507	11.472	11.548	HH	6307	205193	5.68%	0.177%	
180	11.598	11.548	11.645	HH	5497	248190	6.87%	0.214%	
181	11.673	11.645	11.690	HH	4477	109418	3.03%	0.094%	
182	11.704	11.690	11.727	HH	4257	90206	2.50%	0.078%	
183	11.755	11.727	11.766	HH	4110	93127	2.58%	0.080%	
184	11.800	11.766	11.808	HH	4272	101613	2.81%	0.087%	
185	11.816	11.808	11.854	HH	4288	116977	3.24%	0.101%	
186	11.868	11.854	11.879	HH	4216	60709	1.68%	0.052%	
187	11.915	11.879	11.964	HH	4884	227887	6.31%	0.196%	
188	12.001	11.964	12.045	HH	4745	219675	6.08%	0.189%	
189	12.074	12.045	12.126	HH	4632	214754	5.94%	0.185%	
190	12.179	12.126	12.220	HH	6215	270702	7.49%	0.233%	
191	12.234	12.220	12.251	HH	4751	85553	2.37%	0.074%	
192	12.279	12.251	12.365	HH	5824	316544	8.76%	0.272%	
193	12.401	12.365	12.424	HH	4647	155958	4.32%	0.134%	
194	12.447	12.424	12.468	HH	5171	128732	3.56%	0.111%	

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195	12.483	12.468	12.508	HH	5026	114486	3.17%	0.099%
196	12.521	12.508	12.542	HH	4867	93028	2.58%	0.080%
197	12.596	12.542	12.634	HH	5097	262043	7.25%	0.225%
198	12.661	12.634	12.678	HH	6007	137288	3.80%	0.118%
199	12.688	12.678	12.727	HH	5220	144493	4.00%	0.124%
200	12.768	12.727	12.786	HH	5718	176468	4.88%	0.152%
201	12.794	12.786	12.804	HH	5121	56996	1.58%	0.049%
202	12.822	12.804	12.867	HH	6566	203255	5.63%	0.175%
203	12.886	12.867	12.900	HH	5293	100169	2.77%	0.086%
204	12.922	12.900	13.007	HH	8507	366661	10.15%	0.315%
205	13.071	13.007	13.093	HH	5177	251670	6.97%	0.217%
206	13.117	13.093	13.128	HH	5004	101061	2.80%	0.087%
207	13.151	13.128	13.165	HH	5067	109764	3.04%	0.094%
208	13.193	13.165	13.200	HH	5156	106839	2.96%	0.092%
209	13.232	13.200	13.271	HH	19913	393857	10.90%	0.339%
210	13.347	13.271	13.417	HH	7183	526262	14.57%	0.453%
211	13.437	13.417	13.471	HH	6585	184929	5.12%	0.159%
212	13.499	13.471	13.535	HH	5634	205179	5.68%	0.177%
213	13.563	13.535	13.590	HH	5727	177832	4.92%	0.153%
214	13.607	13.590	13.628	HH	5296	119358	3.30%	0.103%
215	13.652	13.628	13.758	HH	5899	419351	11.61%	0.361%
216	13.824	13.758	13.869	HH	6447	368358	10.20%	0.317%
217	13.913	13.869	13.951	HH	8514	308481	8.54%	0.265%
218	13.978	13.951	14.005	HH	6997	196679	5.44%	0.169%
219	14.025	14.005	14.043	HH	6939	138629	3.84%	0.119%
220	14.053	14.043	14.082	HH	5691	131357	3.64%	0.113%
221	14.098	14.082	14.135	HH	5850	176136	4.88%	0.152%
222	14.142	14.135	14.219	HH	5494	266492	7.38%	0.229%
223	14.260	14.219	14.285	HH	5714	214307	5.93%	0.184%
224	14.317	14.285	14.345	HH	5406	191860	5.31%	0.165%
225	14.354	14.345	14.370	HH	5422	80440	2.23%	0.069%
226	14.392	14.370	14.415	HH	6004	152205	4.21%	0.131%
227	14.429	14.415	14.445	HH	5688	100378	2.78%	0.086%
228	14.463	14.445	14.475	HH	5681	100583	2.78%	0.087%
229	14.526	14.475	14.568	HH	7079	356514	9.87%	0.307%
230	14.592	14.568	14.642	HH	9122	321020	8.89%	0.276%
231	14.663	14.642	14.689	HH	8575	207502	5.74%	0.179%
232	14.697	14.689	14.735	HH	6639	171291	4.74%	0.147%
233	14.749	14.735	14.774	HH	6288	139113	3.85%	0.120%
234	14.824	14.774	14.847	HH	6928	273610	7.57%	0.235%
235	14.868	14.847	14.883	HH	6073	128861	3.57%	0.111%
236	14.932	14.883	15.009	HH	273549	3612716	100.00%	3.108%
237	15.026	15.009	15.051	HH	6098	150206	4.16%	0.129%
238	15.131	15.051	15.148	HH	10738	449509	12.44%	0.387%
239	15.157	15.148	15.168	HH	8381	94460	2.61%	0.081%
240	15.179	15.168	15.248	HH	8699	328326	9.09%	0.283%
241	15.280	15.248	15.300	HH	6402	190991	5.29%	0.164%
242	15.326	15.300	15.362	HH	6574	231149	6.40%	0.199%
243	15.389	15.362	15.407	HH	6139	165880	4.59%	0.143%
244	15.443	15.407	15.454	HH	6454	175341	4.85%	0.151%
245	15.469	15.454	15.504	HH	6662	191128	5.29%	0.164%
246	15.571	15.504	15.638	HH	23122	1357327	37.57%	1.168%

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247	15.652	15.638	15.724	HH	17780	649833	17.99%	0.559%
248	15.743	15.724	15.781	HH	12396	318347	8.81%	0.274%
249	15.794	15.781	15.877	HH	7609	411645	11.39%	0.354%
250	15.947	15.877	15.962	HH	7379	359327	9.95%	0.309%
251	15.977	15.962	16.010	HH	7566	207455	5.74%	0.179%
252	16.029	16.010	16.064	HH	7244	225268	6.24%	0.194%
253	16.156	16.064	16.188	HH	13560	617264	17.09%	0.531%
254	16.196	16.188	16.204	HH	7375	67536	1.87%	0.058%
255	16.222	16.204	16.270	HH	8264	297009	8.22%	0.256%
256	16.292	16.270	16.312	HH	7594	184605	5.11%	0.159%
257	16.324	16.312	16.340	HH	7192	118977	3.29%	0.102%
258	16.363	16.340	16.372	HH	7165	135071	3.74%	0.116%
259	16.393	16.372	16.424	HH	7299	224540	6.22%	0.193%
260	16.474	16.424	16.503	HH	7788	353191	9.78%	0.304%
261	16.518	16.503	16.559	HH	7689	252058	6.98%	0.217%
262	16.641	16.559	16.666	HH	18005	691807	19.15%	0.595%
263	16.689	16.666	16.706	HH	11390	249102	6.90%	0.214%
264	16.728	16.706	16.761	HH	11431	326453	9.04%	0.281%
265	16.784	16.761	16.896	HH	10875	717547	19.86%	0.617%
266	16.941	16.896	16.964	HH	8585	336387	9.31%	0.289%
267	17.011	16.964	17.055	HH	10106	489187	13.54%	0.421%
268	17.079	17.055	17.088	HH	10707	190184	5.26%	0.164%
269	17.109	17.088	17.138	HH	18434	380735	10.54%	0.328%
270	17.162	17.138	17.176	HH	11648	228188	6.32%	0.196%
271	17.189	17.176	17.212	HH	11043	214771	5.94%	0.185%
272	17.222	17.212	17.245	HH	8736	172917	4.79%	0.149%
273	17.253	17.245	17.288	HH	8647	218897	6.06%	0.188%
274	17.325	17.288	17.338	HH	8829	260503	7.21%	0.224%
275	17.347	17.338	17.359	HH	8816	106217	2.94%	0.091%
276	17.388	17.359	17.418	HH	9186	315171	8.72%	0.271%
277	17.449	17.418	17.501	HH	9494	453801	12.56%	0.390%
278	17.562	17.501	17.631	HH	25514	944828	26.15%	0.813%
279	17.652	17.631	17.685	HH	12208	346319	9.59%	0.298%
280	17.702	17.685	17.728	HH	10013	246890	6.83%	0.212%
281	17.755	17.728	17.774	HH	9697	260959	7.22%	0.225%
282	17.788	17.774	17.812	HH	9688	215414	5.96%	0.185%
283	17.850	17.812	17.872	HH	9994	344896	9.55%	0.297%
284	17.893	17.872	17.910	HH	10026	223917	6.20%	0.193%
285	17.958	17.910	17.974	HH	11740	397058	10.99%	0.342%
286	17.999	17.974	18.035	HH	22588	520229	14.40%	0.448%
287	18.092	18.035	18.125	HH	14572	610041	16.89%	0.525%
288	18.176	18.125	18.193	HH	11607	441442	12.22%	0.380%
289	18.200	18.193	18.212	HH	10883	120072	3.32%	0.103%
290	18.222	18.212	18.232	HH	10954	131262	3.63%	0.113%
291	18.258	18.232	18.297	HH	13959	479994	13.29%	0.413%
292	18.348	18.297	18.361	HH	13621	457469	12.66%	0.394%
293	18.425	18.361	18.515	HH	33448	1814897	50.24%	1.562%
294	18.537	18.515	18.614	HH	16292	843070	23.34%	0.725%
295	18.630	18.614	18.655	HH	12708	302665	8.38%	0.260%
296	18.689	18.655	18.702	HH	13126	353243	9.78%	0.304%
297	18.737	18.702	18.776	HH	18591	634729	17.57%	0.546%
298	18.834	18.776	18.905	HH	24520	1177382	32.59%	1.013%
299	18.936	18.905	18.957	HH	16646	452526	12.53%	0.389%

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300	18.969	18.957	18.988	HH	13926	251225	6.95%	0.216%
301	19.015	18.988	19.079	HH	15476	750306	20.77%	0.646%
302	19.091	19.079	19.107	HH	13340	217669	6.03%	0.187%
303	19.144	19.107	19.172	HH	14538	533446	14.77%	0.459%
304	19.235	19.172	19.368	HH	26213	2281235	63.14%	1.963%
305	19.395	19.368	19.428	HH	22708	688932	19.07%	0.593%
306	19.444	19.428	19.468	HH	17956	406066	11.24%	0.349%
307	19.480	19.468	19.491	HH	15846	221773	6.14%	0.191%
308	19.525	19.491	19.543	HH	17245	513929	14.23%	0.442%
309	19.557	19.543	19.590	HH	17369	467793	12.95%	0.403%
310	19.620	19.590	19.645	HH	20088	569703	15.77%	0.490%
311	19.677	19.645	19.689	HH	16492	429314	11.88%	0.369%
312	19.714	19.689	19.751	HH	20872	672764	18.62%	0.579%
313	19.763	19.751	19.792	HH	16833	403980	11.18%	0.348%
314	19.828	19.792	19.853	HH	18153	621614	17.21%	0.535%
315	19.864	19.853	19.878	HH	16604	253946	7.03%	0.219%
316	19.909	19.878	19.966	HH	22496	960229	26.58%	0.826%
317	20.015	19.966	20.087	HH	21622	1381809	38.25%	1.189%
318	20.099	20.087	20.127	HH	18469	427732	11.84%	0.368%
319	20.135	20.127	20.160	HH	17584	347886	9.63%	0.299%
320	20.184	20.160	20.204	HH	17950	467531	12.94%	0.402%
321	20.262	20.204	20.324	HH	22951	1392633	38.55%	1.198%
322	20.361	20.324	20.377	HH	21230	619895	17.16%	0.533%
323	20.399	20.377	20.442	HH	24619	805182	22.29%	0.693%
324	20.449	20.442	20.458	HH	18767	187240	5.18%	0.161%
325	20.480	20.458	20.516	HH	18880	648317	17.95%	0.558%
326	20.545	20.516	20.585	HH	28155	876646	24.27%	0.754%
327	20.608	20.585	20.622	HH	18667	412900	11.43%	0.355%
328	20.641	20.622	20.685	HH	19675	711528	19.70%	0.612%
329	20.738	20.685	20.838	HH	20737	1753440	48.54%	1.509%
330	20.913	20.838	20.974	HH	24669	1626709	45.03%	1.400%
331	21.002	20.974	21.073	HH	18795	1115677	30.88%	0.960%
332	21.088	21.073	21.120	HH	18762	526711	14.58%	0.453%
333	21.155	21.120	21.222	HH	20570	1147549	31.76%	0.987%
334	21.262	21.222	21.289	HH	18481	736579	20.39%	0.634%
335	21.300	21.289	21.312	HH	18476	255461	7.07%	0.220%
336	21.321	21.312	21.358	HH	18434	510662	14.14%	0.439%
337	21.365	21.358	21.378	HH	18157	217296	6.01%	0.187%
338	21.391	21.378	21.436	HH	18165	623372	17.25%	0.536%
339	21.501	21.436	21.555	HH	23263	1387424	38.40%	1.194%
340	21.572	21.555	21.584	HH	18099	319757	8.85%	0.275%
341	21.625	21.584	21.655	HH	20072	800608	22.16%	0.689%
342	21.665	21.655	21.730	HH	18279	805515	22.30%	0.693%
343	21.739	21.730	21.758	HH	17907	308702	8.54%	0.266%
344	21.767	21.758	21.790	HH	17926	334525	9.26%	0.288%
345	21.800	21.790	21.805	HH	17824	160058	4.43%	0.138%
346	21.822	21.805	21.855	HH	17898	532291	14.73%	0.458%
347	21.882	21.855	21.938	HH	18047	894976	24.77%	0.770%
348	21.953	21.938	21.972	HH	17719	352758	9.76%	0.304%
349	21.981	21.972	22.025	HH	17715	563338	15.59%	0.485%
350	22.041	22.025	22.060	HH	17672	360775	9.99%	0.310%
351	22.094	22.060	22.107	HH	17640	496387	13.74%	0.427%

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352	22.195	22.107	22.277	HH	22851	1975314	54.68%	1.700%
353	22.291	22.277	22.402	HH	17883	1321983	36.59%	1.137%
354	22.415	22.402	22.430	HH	17511	290384	8.04%	0.250%
355	22.455	22.430	22.508	HH	17530	824440	22.82%	0.709%
356	22.533	22.508	22.560	HH	17449	540762	14.97%	0.465%
357	22.582	22.560	22.610	HH	17456	517173	14.32%	0.445%
358	22.625	22.610	22.633	HH	17345	240888	6.67%	0.207%
359	22.642	22.633	22.658	HH	17255	250300	6.93%	0.215%
360	22.670	22.658	22.692	HH	17313	352627	9.76%	0.303%
361	22.762	22.692	22.822	HH	18659	1379940	38.20%	1.187%
362	22.850	22.822	22.878	HH	17403	582858	16.13%	0.502%
363	22.887	22.878	22.918	HH	17136	406843	11.26%	0.350%
364	23.029	22.918	23.088	HH	21032	1875469	51.91%	1.614%
365	23.099	23.088	23.183	HH	17354	968876	26.82%	0.834%
366	23.190	23.183	23.232	HH	17121	500898	13.86%	0.431%
367	23.251	23.232	23.285	HH	17134	545343	15.10%	0.469%
368	23.297	23.285	23.322	HH	17280	383005	10.60%	0.330%
369	23.331	23.322	23.357	HH	17186	352639	9.76%	0.303%
370	23.369	23.357	23.390	HH	17028	338609	9.37%	0.291%
371	23.401	23.390	23.414	HH	17063	241185	6.68%	0.208%
372	23.469	23.414	23.542	HH	17977	1323304	36.63%	1.139%
373	23.549	23.542	23.587	HH	16763	451725	12.50%	0.389%
374	23.600	23.587	23.618	HH	16621	310328	8.59%	0.267%
375	23.662	23.618	23.678	HH	16659	596946	16.52%	0.514%
376	23.710	23.678	23.722	HH	16699	433299	11.99%	0.373%
377	23.734	23.722	23.785	HH	16712	632411	17.51%	0.544%
378	23.807	23.785	23.826	HH	16568	409243	11.33%	0.352%
379	23.888	23.826	23.902	HH	16805	752983	20.84%	0.648%
380	23.914	23.902	23.928	HH	16762	267043	7.39%	0.230%
381	23.938	23.928	23.955	HH	16686	266463	7.38%	0.229%
382	24.040	23.955	24.173	HH	19692	2290906	63.41%	1.971%
383	24.185	24.173	24.221	HH	16365	474225	13.13%	0.408%
384	24.272	24.221	24.353	HH	17132	1310660	36.28%	1.128%
385	24.369	24.353	24.385	HH	16358	313258	8.67%	0.270%
386	24.442	24.385	24.468	HH	16454	811408	22.46%	0.698%
387	24.480	24.468	24.495	HH	16400	267078	7.39%	0.230%
388	24.502	24.495	24.558	HH	16419	619231	17.14%	0.533%
389	24.585	24.558	24.598	HH	16352	390429	10.81%	0.336%
390	24.605	24.598	24.635	HH	16320	352086	9.75%	0.303%
391	24.649	24.635	24.682	HH	16355	457742	12.67%	0.394%
392	24.711	24.682	24.742	HH	16554	592779	16.41%	0.510%
393	24.757	24.742	24.808	HH	16497	654872	18.13%	0.563%
394	24.819	24.808	24.828	HH	16283	194746	5.39%	0.168%
395	24.845	24.828	24.902	HH	16232	709736	19.65%	0.611%
396	24.914	24.902	24.939	HH	16120	356286	9.86%	0.307%
397	24.947	24.939	24.956	HH	15998	163306	4.52%	0.141%
398	24.967	24.956	24.998	HH	16066	401179	11.10%	0.345%
399	25.018	24.998	25.046	HH	16119	461676	12.78%	0.397%
400	25.056	25.046	25.064	HH	16035	171912	4.76%	0.148%
401	25.073	25.064	25.082	HH	16049	174211	4.82%	0.150%
402	25.098	25.082	25.107	HH	16056	243969	6.75%	0.210%
403	25.152	25.107	25.165	HH	16201	556079	15.39%	0.478%
404	25.271	25.165	25.379	HH	18672	2235514	61.88%	1.923%

405 25.390 25.379 25.402 HHA rteres.txt 16224 234432 6.49% 0.202%

Sum of corrected areas: 116221176

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