

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092121\
 Data File : FF008984.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2021 15:45
 Sample : M3823-03MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090721.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.376	2.330	2.429	BH	305654	2167465	75.59%	2.380%
2	2.436	2.429	2.455	HH	340	3893	0.14%	0.004%
3	2.459	2.455	2.476	HH	205	1370	0.05%	0.002%
4	2.482	2.476	2.498	PH	126	560	0.02%	0.001%
5	2.511	2.498	2.518	PH	107	320	0.01%	0.000%
6	2.522	2.518	2.526	PH	181	649	0.02%	0.001%
7	2.545	2.526	2.584	HH	10676	84503	2.95%	0.093%
8	2.589	2.584	2.593	HH	250	925	0.03%	0.001%
9	2.610	2.593	2.636	HH	1005	8937	0.31%	0.010%
10	2.650	2.636	2.656	HH	337	2421	0.08%	0.003%
11	2.665	2.656	2.699	HH	647	4875	0.17%	0.005%
12	2.718	2.699	2.727	PH	-54	-2465	-0.09%	-0.003%
13	2.740	2.727	2.747	PH	-101	-2044	-0.07%	-0.002%
14	2.751	2.747	2.757	PH	-119	-1057	-0.04%	-0.001%
15	2.774	2.757	2.793	PH	601	1847	0.06%	0.002%
16	2.797	2.793	2.812	PH	-164	-2360	-0.08%	-0.003%
17	2.821	2.812	2.827	PH	-123	-1651	-0.06%	-0.002%
18	2.843	2.827	2.858	PH	-175	-3916	-0.14%	-0.004%
19	2.862	2.858	2.875	PH	-191	-2360	-0.08%	-0.003%
20	2.877	2.875	2.884	PH	-218	-1428	-0.05%	-0.002%
21	2.889	2.884	2.898	PH	-120	-1958	-0.07%	-0.002%
22	2.908	2.898	2.920	PH	-158	-2816	-0.10%	-0.003%
23	2.933	2.920	2.943	PH	-23	-2077	-0.07%	-0.002%
24	2.945	2.943	2.971	PH	-92	-3296	-0.11%	-0.004%
25	2.993	2.971	3.006	PH	-92	-3972	-0.14%	-0.004%
26	3.024	3.006	3.034	PH	-122	-2796	-0.10%	-0.003%
27	3.040	3.034	3.055	PH	-7	-1331	-0.05%	-0.001%
28	3.072	3.055	3.114	PH	347	1507	0.05%	0.002%
29	3.128	3.114	3.133	PH	55	-772	-0.03%	-0.001%
30	3.147	3.133	3.173	PH	10	-2463	-0.09%	-0.003%
31	3.192	3.173	3.209	PH	-29	-3114	-0.11%	-0.003%
32	3.213	3.209	3.223	PH	-176	-1887	-0.07%	-0.002%
33	3.226	3.223	3.231	PH	-189	-1143	-0.04%	-0.001%
34	3.239	3.231	3.247	PH	-134	-2382	-0.08%	-0.003%
35	3.250	3.247	3.268	PH	-169	-3157	-0.11%	-0.003%
36	3.289	3.268	3.352	PH	655	-1710	-0.06%	-0.002%

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37	3.357	3.352	3.364	PH	-160	-1669	-0.06%	-0.002%
38	3.367	3.364	3.373	PH	-155	-1252	-0.04%	-0.001%
39	3.378	3.373	3.387	PH	-222	-1831	-0.06%	-0.002%
40	3.403	3.387	3.435	PH	347	-1850	-0.06%	-0.002%
41	3.438	3.435	3.453	PH	-262	-3454	-0.12%	-0.004%
42	3.458	3.453	3.463	PH	-236	-2022	-0.07%	-0.002%
43	3.480	3.463	3.505	PH	-228	-7611	-0.27%	-0.008%
44	3.511	3.505	3.517	PH	-271	-2179	-0.08%	-0.002%
45	3.524	3.517	3.549	PH	-249	-5821	-0.20%	-0.006%
46	3.569	3.549	3.589	PH	-210	-7127	-0.25%	-0.008%
47	3.595	3.589	3.612	PH	-206	-4283	-0.15%	-0.005%
48	3.620	3.612	3.624	PH	-263	-2454	-0.09%	-0.003%
49	3.636	3.624	3.645	PH	-211	-4165	-0.15%	-0.005%
50	3.649	3.645	3.658	PH	-368	-2998	-0.10%	-0.003%
51	3.682	3.658	3.694	PH	-191	-6396	-0.22%	-0.007%
52	3.699	3.694	3.726	PH	-188	-5670	-0.20%	-0.006%
53	3.730	3.726	3.739	PH	-308	-2863	-0.10%	-0.003%
54	3.749	3.739	3.760	PH	-298	-4714	-0.16%	-0.005%
55	3.779	3.760	3.816	PH	-222	-11753	-0.41%	-0.013%
56	3.820	3.816	3.829	PH	-352	-3217	-0.11%	-0.004%
57	3.853	3.829	3.885	PH	-295	-12361	-0.43%	-0.014%
58	3.890	3.885	3.902	PH	-180	-2852	-0.10%	-0.003%
59	3.904	3.902	3.933	PH	-269	-6745	-0.24%	-0.007%
60	3.949	3.933	3.975	PH	-211	-9397	-0.33%	-0.010%
61	3.989	3.975	4.047	PH	-307	-17800	-0.62%	-0.020%
62	4.066	4.047	4.080	PH	3939	33183	1.16%	0.036%
63	4.095	4.080	4.143	HH	3773	42817	1.49%	0.047%
64	4.146	4.143	4.152	PH	-47	-412	-0.01%	-0.000%
65	4.167	4.152	4.199	PH	38	-3102	-0.11%	-0.003%
66	4.210	4.199	4.221	PH	-67	-2518	-0.09%	-0.003%
67	4.233	4.221	4.321	PH	1333	15983	0.56%	0.018%
68	4.326	4.321	4.346	PH	-88	-2875	-0.10%	-0.003%
69	4.350	4.346	4.359	PH	-266	-2386	-0.08%	-0.003%
70	4.367	4.359	4.377	PH	-205	-3214	-0.11%	-0.004%
71	4.393	4.377	4.398	PH	-216	-3542	-0.12%	-0.004%
72	4.423	4.398	4.444	PH	-118	-7341	-0.26%	-0.008%
73	4.473	4.444	4.513	PH	293053	2497441	87.10%	2.742%
74	4.526	4.513	4.546	HH	95	-170	-0.01%	-0.000%
75	4.550	4.546	4.561	PH	-68	-1110	-0.04%	-0.001%
76	4.568	4.561	4.576	PH	-100	-1311	-0.05%	-0.001%
77	4.584	4.576	4.600	PH	-145	-3138	-0.11%	-0.003%
78	4.622	4.600	4.656	PH	1563	8086	0.28%	0.009%
79	4.679	4.656	4.683	PH	-117	-3395	-0.12%	-0.004%
80	4.708	4.683	4.745	PH	452	-1629	-0.06%	-0.002%
81	4.760	4.745	4.792	PH	167	-7384	-0.26%	-0.008%
82	4.823	4.792	4.842	PH	-127	-9110	-0.32%	-0.010%
83	4.861	4.842	4.893	PH	217	-7083	-0.25%	-0.008%
84	4.902	4.893	4.905	PH	-377	-3178	-0.11%	-0.003%
85	4.908	4.905	4.922	PH	-295	-4034	-0.14%	-0.004%
86	4.930	4.922	4.935	PH	-398	-3710	-0.13%	-0.004%
87	4.941	4.935	4.948	PH	-363	-3710	-0.13%	-0.004%
88	4.955	4.948	4.965	PH	-424	-4886	-0.17%	-0.005%
89	4.968	4.965	4.986	PH	-399	-5861	-0.20%	-0.006%

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90	4.990	4.986	4.996	PH	-486	-3138	-0.11%	-0.003%
91	4.998	4.996	5.021	PH	-469	-7636	-0.27%	-0.008%
92	5.027	5.021	5.040	PH	-378	-5295	-0.18%	-0.006%
93	5.064	5.040	5.083	PH	444	916	0.03%	0.001%
94	5.086	5.083	5.136	PH	90	-9151	-0.32%	-0.010%
95	5.163	5.136	5.180	PH	34	-7997	-0.28%	-0.009%
96	5.189	5.180	5.195	PH	-434	-4321	-0.15%	-0.005%
97	5.222	5.195	5.244	PH	-327	-13568	-0.47%	-0.015%
98	5.251	5.244	5.258	PH	-405	-3995	-0.14%	-0.004%
99	5.262	5.258	5.269	PH	-450	-3538	-0.12%	-0.004%
100	5.294	5.269	5.316	PH	-226	-10152	-0.35%	-0.011%
101	5.334	5.316	5.362	PH	232	-4444	-0.16%	-0.005%
102	5.369	5.362	5.377	PH	304	-3514	-0.12%	-0.004%
103	5.391	5.377	5.434	PH	63	-11572	-0.40%	-0.013%
104	5.443	5.434	5.448	PH	-457	-4691	-0.16%	-0.005%
105	5.464	5.448	5.487	PH	-433	-12623	-0.44%	-0.014%
106	5.509	5.487	5.537	PH	1280	-13	-0.00%	-0.000%
107	5.554	5.537	5.588	PH	1829	6245	0.22%	0.007%
108	5.591	5.588	5.596	PH	-489	-2530	-0.09%	-0.003%
109	5.601	5.596	5.608	PH	-478	-3883	-0.14%	-0.004%
110	5.614	5.608	5.618	PH	-451	-3130	-0.11%	-0.003%
111	5.634	5.618	5.655	PH	-443	-11718	-0.41%	-0.013%
112	5.670	5.655	5.700	PH	-432	-14485	-0.51%	-0.016%
113	5.708	5.700	5.713	PH	-456	-4536	-0.16%	-0.005%
114	5.734	5.713	5.780	PH	1292	-2416	-0.08%	-0.003%
115	5.784	5.780	5.803	PH	-419	-7276	-0.25%	-0.008%
116	5.812	5.803	5.823	PH	-561	-6897	-0.24%	-0.008%
117	5.827	5.823	5.837	PH	-522	-5183	-0.18%	-0.006%
118	5.842	5.837	5.848	PH	-529	-4154	-0.14%	-0.005%
119	5.855	5.848	5.868	PH	-486	-7012	-0.24%	-0.008%
120	5.871	5.868	5.877	PH	-566	-3057	-0.11%	-0.003%
121	5.884	5.877	5.910	PH	-514	-12186	-0.42%	-0.013%
122	5.915	5.910	5.928	PH	-530	-6806	-0.24%	-0.007%
123	5.930	5.928	5.951	PH	-631	-9305	-0.32%	-0.010%
124	5.967	5.951	5.990	PH	-594	-15657	-0.55%	-0.017%
125	5.992	5.990	5.998	PH	-612	-3290	-0.11%	-0.004%
126	6.051	5.998	6.082	PH	550	-15385	-0.54%	-0.017%
127	6.115	6.082	6.192	PH	114704	1165108	40.63%	1.279%
128	6.203	6.192	6.230	HH	1493	21636	0.75%	0.024%
129	6.236	6.230	6.262	HH	378	3940	0.14%	0.004%
130	6.268	6.262	6.273	HH	115	416	0.01%	0.000%
131	6.281	6.273	6.314	HH	74	-998	-0.03%	-0.001%
132	6.336	6.314	6.348	PH	320	1344	0.05%	0.001%
133	6.371	6.348	6.424	PH	641	9303	0.32%	0.010%
134	6.428	6.424	6.443	PH	-150	-2081	-0.07%	-0.002%
135	6.490	6.443	6.572	PH	268865	2564422	89.44%	2.816%
136	6.578	6.572	6.590	PH	-83	-1735	-0.06%	-0.002%
137	6.597	6.590	6.622	PH	-137	-5177	-0.18%	-0.006%
138	6.631	6.622	6.648	PH	-156	-4650	-0.16%	-0.005%
139	6.650	6.648	6.678	PH	-282	-7522	-0.26%	-0.008%
140	6.693	6.678	6.727	PH	-315	-13811	-0.48%	-0.015%
141	6.731	6.727	6.736	PH	-405	-2595	-0.09%	-0.003%

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142	6.769	6.736	6.802	PH	69	-10967	-0.38%	-0.012%
143	6.817	6.802	6.867	PH	-413	-19738	-0.69%	-0.022%
144	6.870	6.867	6.877	PH	-509	-3657	-0.13%	-0.004%
145	6.881	6.877	6.895	PH	-519	-6029	-0.21%	-0.007%
146	6.909	6.895	6.914	PH	-573	-7112	-0.25%	-0.008%
147	6.917	6.914	6.923	PH	-513	-3388	-0.12%	-0.004%
148	6.925	6.923	6.928	PH	-561	-1814	-0.06%	-0.002%
149	6.961	6.928	6.999	PH	-76	-14720	-0.51%	-0.016%
150	7.012	6.999	7.019	PH	-294	-4398	-0.15%	-0.005%
151	7.023	7.019	7.040	PH	-445	-6185	-0.22%	-0.007%
152	7.043	7.040	7.054	PH	-483	-4853	-0.17%	-0.005%
153	7.061	7.054	7.071	PH	-516	-5763	-0.20%	-0.006%
154	7.074	7.071	7.078	PH	-549	-2519	-0.09%	-0.003%
155	7.120	7.078	7.129	PH	-457	-17097	-0.60%	-0.019%
156	7.146	7.129	7.184	PH	-126	-14636	-0.51%	-0.016%
157	7.189	7.184	7.204	PH	-456	-6242	-0.22%	-0.007%
158	7.210	7.204	7.224	PH	-463	-7567	-0.26%	-0.008%
159	7.228	7.224	7.239	PH	-629	-5928	-0.21%	-0.007%
160	7.246	7.239	7.269	PH	-554	-11363	-0.40%	-0.012%
161	7.289	7.269	7.307	PH	-463	-13814	-0.48%	-0.015%
162	7.312	7.307	7.322	PH	-645	-6149	-0.21%	-0.007%
163	7.327	7.322	7.345	PH	-651	-9777	-0.34%	-0.011%
164	7.349	7.345	7.357	PH	-672	-5305	-0.19%	-0.006%
165	7.375	7.357	7.382	PH	-667	-10751	-0.37%	-0.012%
166	7.411	7.382	7.433	PH	285	-12374	-0.43%	-0.014%
167	7.436	7.433	7.451	PH	-697	-7834	-0.27%	-0.009%
168	7.456	7.451	7.460	PH	-742	-4200	-0.15%	-0.005%
169	7.479	7.460	7.493	PH	-654	-14033	-0.49%	-0.015%
170	7.497	7.493	7.512	PH	-686	-8459	-0.30%	-0.009%
171	7.518	7.512	7.524	PH	-716	-5383	-0.19%	-0.006%
172	7.544	7.524	7.552	PH	-597	-11533	-0.40%	-0.013%
173	7.555	7.552	7.567	PH	-560	-5873	-0.20%	-0.006%
174	7.578	7.567	7.583	PH	-597	-6377	-0.22%	-0.007%
175	7.588	7.583	7.608	PH	-589	-9783	-0.34%	-0.011%
176	7.612	7.608	7.627	PH	-706	-8279	-0.29%	-0.009%
177	7.636	7.627	7.640	PH	-597	-5480	-0.19%	-0.006%
178	7.644	7.640	7.650	PH	-632	-4215	-0.15%	-0.005%
179	7.655	7.650	7.666	PH	-655	-6805	-0.24%	-0.007%
180	7.670	7.666	7.681	PH	-714	-6584	-0.23%	-0.007%
181	7.702	7.681	7.731	PH	877	-3521	-0.12%	-0.004%
182	7.733	7.731	7.742	PH	-606	-4274	-0.15%	-0.005%
183	7.753	7.742	7.771	PH	-562	-11558	-0.40%	-0.013%
184	7.777	7.771	7.797	PH	-535	-10198	-0.36%	-0.011%
185	7.825	7.797	7.845	PH	-105	-12543	-0.44%	-0.014%
186	7.867	7.845	7.894	PH	1467	3181	0.11%	0.003%
187	7.901	7.894	7.927	PH	-452	-11099	-0.39%	-0.012%
188	7.930	7.927	7.942	PH	-599	-6158	-0.21%	-0.007%
189	7.976	7.942	7.993	PH	-356	-18860	-0.66%	-0.021%
190	8.016	7.993	8.060	PH	748	-8688	-0.30%	-0.010%
191	8.064	8.060	8.073	PH	-578	-4862	-0.17%	-0.005%
192	8.077	8.073	8.092	PH	-668	-8395	-0.29%	-0.009%
193	8.114	8.092	8.128	PH	-533	-14307	-0.50%	-0.016%
194	8.141	8.128	8.157	PH	-618	-12269	-0.43%	-0.013%

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195	8.181	8.157	8.205	PH	-222	-13795	-0.48%	-0.015%
196	8.248	8.205	8.255	PH	1212	683	0.02%	0.001%
197	8.281	8.255	8.393	HH	250521	2560764	89.31%	2.812%
198	8.405	8.393	8.450	PH	-87	-12505	-0.44%	-0.014%
199	8.456	8.450	8.470	PH	-530	-6631	-0.23%	-0.007%
200	8.475	8.470	8.483	PH	-494	-4311	-0.15%	-0.005%
201	8.512	8.483	8.553	PH	-47	-19113	-0.67%	-0.021%
202	8.564	8.553	8.582	PH	-551	-11095	-0.39%	-0.012%
203	8.590	8.582	8.597	PH	-627	-5978	-0.21%	-0.007%
204	8.602	8.597	8.623	PH	-603	-10727	-0.37%	-0.012%
205	8.647	8.623	8.674	PH	59	-12836	-0.45%	-0.014%
206	8.732	8.674	8.740	PH	485	-11009	-0.38%	-0.012%
207	8.751	8.740	8.804	HH	1182	5416	0.19%	0.006%
208	8.814	8.804	8.847	PH	-229	-12960	-0.45%	-0.014%
209	8.850	8.847	8.861	PH	-607	-5743	-0.20%	-0.006%
210	8.892	8.861	8.927	PH	-406	-22770	-0.79%	-0.025%
211	8.929	8.927	8.933	PH	-620	-2437	-0.08%	-0.003%
212	8.936	8.933	8.941	PH	-678	-3490	-0.12%	-0.004%
213	8.946	8.941	8.950	PH	-694	-4175	-0.15%	-0.005%
214	9.003	8.950	9.046	PH	857	-17373	-0.61%	-0.019%
215	9.054	9.046	9.070	PH	-474	-8987	-0.31%	-0.010%
216	9.075	9.070	9.083	PH	-449	-4241	-0.15%	-0.005%
217	9.102	9.083	9.132	PH	786	-3613	-0.13%	-0.004%
218	9.141	9.132	9.168	PH	-539	-14846	-0.52%	-0.016%
219	9.184	9.168	9.203	PH	-715	-16538	-0.58%	-0.018%
220	9.209	9.203	9.234	PH	-730	-15927	-0.56%	-0.017%
221	9.240	9.234	9.251	PH	-839	-8710	-0.30%	-0.010%
222	9.254	9.251	9.266	PH	-838	-7735	-0.27%	-0.008%
223	9.285	9.266	9.316	PH	-604	-23424	-0.82%	-0.026%
224	9.322	9.316	9.352	PH	-788	-18053	-0.63%	-0.020%
225	9.362	9.352	9.384	PH	-737	-16086	-0.56%	-0.018%
226	9.389	9.384	9.410	PH	-729	-12302	-0.43%	-0.014%
227	9.428	9.410	9.463	PH	83	-9120	-0.32%	-0.010%
228	9.485	9.463	9.512	PH	-179	-12629	-0.44%	-0.014%
229	9.516	9.512	9.534	PH	-563	-8365	-0.29%	-0.009%
230	9.547	9.534	9.551	PH	-400	-5082	-0.18%	-0.006%
231	9.558	9.551	9.586	PH	-291	-10554	-0.37%	-0.012%
232	9.604	9.586	9.636	PH	-224	-17808	-0.62%	-0.020%
233	9.660	9.636	9.680	PH	-460	-17748	-0.62%	-0.019%
234	9.717	9.680	9.739	PH	380	-14273	-0.50%	-0.016%
235	9.759	9.739	9.788	PH	1172	1860	0.06%	0.002%
236	9.816	9.788	9.847	PH	-226	-17968	-0.63%	-0.020%
237	9.879	9.847	9.971	PH	244168	2531331	88.28%	2.779%
238	9.988	9.971	10.018	PH	-97	-10470	-0.37%	-0.011%
239	10.021	10.018	10.027	PH	-530	-2843	-0.10%	-0.003%
240	10.065	10.027	10.074	PH	-421	-15880	-0.55%	-0.017%
241	10.089	10.074	10.127	PH	-423	-18578	-0.65%	-0.020%
242	10.131	10.127	10.141	PH	-651	-6132	-0.21%	-0.007%
243	10.150	10.141	10.165	PH	-590	-10060	-0.35%	-0.011%
244	10.174	10.165	10.181	PH	-623	-6584	-0.23%	-0.007%
245	10.185	10.181	10.199	PH	-673	-7646	-0.27%	-0.008%
246	10.221	10.199	10.247	PH	-6	-12551	-0.44%	-0.014%

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247	10.268	10.247	10.288	PH	4	-7591	-0.26%	-0.008%
248	10.300	10.288	10.305	PH	-410	-4547	-0.16%	-0.005%
249	10.321	10.305	10.340	PH	-188	-7221	-0.25%	-0.008%
250	10.357	10.340	10.387	PH	-321	-12632	-0.44%	-0.014%
251	10.405	10.387	10.425	PH	142	-6262	-0.22%	-0.007%
252	10.432	10.425	10.437	PH	-353	-3263	-0.11%	-0.004%
253	10.442	10.437	10.474	PH	-411	-12012	-0.42%	-0.013%
254	10.502	10.474	10.541	PH	402	-9102	-0.32%	-0.010%
255	10.545	10.541	10.552	PH	-419	-3061	-0.11%	-0.003%
256	10.573	10.552	10.589	PH	133	-4377	-0.15%	-0.005%
257	10.615	10.589	10.635	PH	1073	6039	0.21%	0.007%
258	10.640	10.635	10.655	PH	-287	-4414	-0.15%	-0.005%
259	10.687	10.655	10.707	PH	-26	-8304	-0.29%	-0.009%
260	10.723	10.707	10.797	PH	455	-15435	-0.54%	-0.017%
261	10.807	10.797	10.817	PH	-460	-6622	-0.23%	-0.007%
262	10.845	10.817	10.865	PH	-223	-13432	-0.47%	-0.015%
263	10.889	10.865	10.923	PH	1519	11241	0.39%	0.012%
264	10.928	10.923	10.947	PH	-181	-3562	-0.12%	-0.004%
265	10.961	10.947	10.978	PH	-199	-5916	-0.21%	-0.006%
266	10.988	10.978	11.006	PH	-209	-5144	-0.18%	-0.006%
267	11.008	11.006	11.016	PH	-329	-2246	-0.08%	-0.002%
268	11.036	11.016	11.054	PH	-238	-7823	-0.27%	-0.009%
269	11.067	11.054	11.096	PH	-241	-9897	-0.35%	-0.011%
270	11.100	11.096	11.111	PH	-436	-4600	-0.16%	-0.005%
271	11.121	11.111	11.138	PH	-189	-5200	-0.18%	-0.006%
272	11.154	11.138	11.173	PH	-120	-5923	-0.21%	-0.007%
273	11.178	11.173	11.202	PH	-221	-6318	-0.22%	-0.007%
274	11.207	11.202	11.215	PH	-318	-3359	-0.12%	-0.004%
275	11.251	11.215	11.258	PH	-267	-10289	-0.36%	-0.011%
276	11.317	11.258	11.372	PH	225839	2542563	88.67%	2.792%
277	11.391	11.372	11.429	HH	1068	17387	0.61%	0.019%
278	11.432	11.429	11.457	PH	54	-3351	-0.12%	-0.004%
279	11.479	11.457	11.500	PH	226	-1889	-0.07%	-0.002%
280	11.508	11.500	11.537	PH	69	-4995	-0.17%	-0.005%
281	11.577	11.537	11.601	PH	555	244	0.01%	0.000%
282	11.620	11.601	11.630	PH	-141	-3565	-0.12%	-0.004%
283	11.640	11.630	11.659	PH	-174	-5886	-0.21%	-0.006%
284	11.690	11.659	11.700	PH	-193	-7697	-0.27%	-0.008%
285	11.738	11.700	11.776	PH	323	-2782	-0.10%	-0.003%
286	11.802	11.776	11.827	PH	166	-2918	-0.10%	-0.003%
287	11.839	11.827	11.853	PH	-13	-2470	-0.09%	-0.003%
288	11.875	11.853	11.902	PH	-80	-6959	-0.24%	-0.008%
289	11.909	11.902	11.923	PH	-367	-5280	-0.18%	-0.006%
290	11.929	11.923	11.938	PH	-335	-3499	-0.12%	-0.004%
291	11.945	11.938	11.952	PH	-245	-2715	-0.09%	-0.003%
292	11.980	11.952	12.010	PH	489	3974	0.14%	0.004%
293	12.036	12.010	12.059	PH	4951	55849	1.95%	0.061%
294	12.082	12.059	12.128	HH	1779	23637	0.82%	0.026%
295	12.142	12.128	12.175	PH	99	-801	-0.03%	-0.001%
296	12.181	12.175	12.192	PH	-64	-1775	-0.06%	-0.002%
297	12.233	12.192	12.302	PH	64531	695339	24.25%	0.763%
298	12.318	12.302	12.339	HH	538	6871	0.24%	0.008%
299	12.354	12.339	12.360	HH	180	1513	0.05%	0.002%

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300	12.364	12.360	12.378	HH	159	1078	0.04%	0.001%
301	12.396	12.378	12.413	HH	237	3461	0.12%	0.004%
302	12.420	12.413	12.435	HH	266	2207	0.08%	0.002%
303	12.450	12.435	12.468	HH	682	6950	0.24%	0.008%
304	12.473	12.468	12.483	HH	179	1056	0.04%	0.001%
305	12.488	12.483	12.519	HH	161	2064	0.07%	0.002%
306	12.526	12.519	12.532	PH	194	784	0.03%	0.001%
307	12.543	12.532	12.557	HH	335	3287	0.11%	0.004%
308	12.562	12.557	12.568	HH	321	1952	0.07%	0.002%
309	12.572	12.568	12.592	HH	330	3018	0.11%	0.003%
310	12.624	12.592	12.671	HH	225894	2532761	88.33%	2.781%
311	12.700	12.671	12.740	HH	2757	49131	1.71%	0.054%
312	12.746	12.740	12.756	HH	318	2443	0.09%	0.003%
313	12.763	12.756	12.789	HH	299	3027	0.11%	0.003%
314	12.793	12.789	12.804	HH	124	707	0.02%	0.001%
315	12.814	12.804	12.828	PH	150	1313	0.05%	0.001%
316	12.863	12.828	12.927	PH	689	17521	0.61%	0.019%
317	12.941	12.927	12.972	HH	497	9444	0.33%	0.010%
318	12.999	12.972	13.013	HH	2272	31930	1.11%	0.035%
319	13.034	13.013	13.100	HH	2604	77537	2.70%	0.085%
320	13.111	13.100	13.159	HH	859	20497	0.71%	0.023%
321	13.181	13.159	13.203	HH	499	10931	0.38%	0.012%
322	13.270	13.203	13.281	HH	2584	72042	2.51%	0.079%
323	13.299	13.281	13.382	HH	3973	93477	3.26%	0.103%
324	13.385	13.382	13.402	HH	721	7531	0.26%	0.008%
325	13.461	13.402	13.531	HH	12100	181816	6.34%	0.200%
326	13.537	13.531	13.552	HH	853	9922	0.35%	0.011%
327	13.591	13.552	13.600	HH	1054	25690	0.90%	0.028%
328	13.635	13.600	13.639	HH	1069	23031	0.80%	0.025%
329	13.648	13.639	13.680	HH	1145	24740	0.86%	0.027%
330	13.737	13.680	13.749	HH	1124	40772	1.42%	0.045%
331	13.771	13.749	13.784	HH	1650	27588	0.96%	0.030%
332	13.819	13.784	13.892	HH	204855	2511514	87.59%	2.758%
333	13.930	13.892	13.957	HH	1559	50150	1.75%	0.055%
334	13.962	13.957	13.973	HH	1134	10407	0.36%	0.011%
335	13.977	13.973	13.987	HH	1151	8935	0.31%	0.010%
336	13.992	13.987	14.003	HH	1181	10868	0.38%	0.012%
337	14.043	14.003	14.049	HH	1421	33521	1.17%	0.037%
338	14.052	14.049	14.064	HH	1450	12623	0.44%	0.014%
339	14.068	14.064	14.076	HH	1414	8851	0.31%	0.010%
340	14.081	14.076	14.095	HH	1270	13586	0.47%	0.015%
341	14.102	14.095	14.106	HH	1264	7839	0.27%	0.009%
342	14.116	14.106	14.132	HH	1350	18788	0.66%	0.021%
343	14.138	14.132	14.148	HH	1263	12042	0.42%	0.013%
344	14.150	14.148	14.154	HH	1245	4017	0.14%	0.004%
345	14.180	14.154	14.192	HH	1695	33217	1.16%	0.036%
346	14.220	14.192	14.279	HH	3500	116560	4.07%	0.128%
347	14.295	14.279	14.318	HH	1746	37008	1.29%	0.041%
348	14.340	14.318	14.350	HH	1755	30501	1.06%	0.033%
349	14.379	14.350	14.405	HH	3225	72318	2.52%	0.079%
350	14.410	14.405	14.433	HH	1960	31220	1.09%	0.034%
351	14.455	14.433	14.468	HH	2084	40987	1.43%	0.045%

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352	14.481	14.468	14.500	HH	2151	38379	1.34%	0.042%
353	14.505	14.500	14.527	HH	2053	30839	1.08%	0.034%
354	14.532	14.527	14.546	HH	1875	19936	0.70%	0.022%
355	14.564	14.546	14.571	HH	2079	27255	0.95%	0.030%
356	14.576	14.571	14.582	HH	2067	12877	0.45%	0.014%
357	14.604	14.582	14.627	HH	2437	59732	2.08%	0.066%
358	14.644	14.627	14.672	HH	2238	55812	1.95%	0.061%
359	14.716	14.672	14.756	HH	139461	1976343	68.93%	2.170%
360	14.779	14.756	14.833	HH	3186	120056	4.19%	0.132%
361	14.919	14.833	14.952	HH	195778	2540769	88.61%	2.790%
362	14.962	14.952	15.003	HH	3405	85111	2.97%	0.093%
363	15.007	15.003	15.012	HH	2327	11690	0.41%	0.013%
364	15.033	15.012	15.047	HH	2608	50600	1.76%	0.056%
365	15.056	15.047	15.062	HH	2571	22667	0.79%	0.025%
366	15.066	15.062	15.078	HH	2583	24700	0.86%	0.027%
367	15.083	15.078	15.087	HH	2408	12934	0.45%	0.014%
368	15.111	15.087	15.138	HH	3949	91732	3.20%	0.101%
369	15.166	15.138	15.172	HH	2693	51332	1.79%	0.056%
370	15.178	15.172	15.187	HH	2726	23770	0.83%	0.026%
371	15.194	15.187	15.203	HH	2724	26458	0.92%	0.029%
372	15.237	15.203	15.244	HH	2775	65169	2.27%	0.072%
373	15.254	15.244	15.270	HH	2887	42425	1.48%	0.047%
374	15.300	15.270	15.414	HH	52159	1180725	41.18%	1.296%
375	15.438	15.414	15.442	HH	6461	84461	2.95%	0.093%
376	15.458	15.442	15.484	HH	8243	150330	5.24%	0.165%
377	15.491	15.484	15.509	HH	3765	54178	1.89%	0.059%
378	15.520	15.509	15.537	HH	3900	61040	2.13%	0.067%
379	15.547	15.537	15.554	HH	3500	34103	1.19%	0.037%
380	15.586	15.554	15.610	HH	3892	122233	4.26%	0.134%
381	15.616	15.610	15.622	HH	3608	24649	0.86%	0.027%
382	15.643	15.622	15.679	HH	3877	124758	4.35%	0.137%
383	15.703	15.679	15.722	HH	3839	95732	3.34%	0.105%
384	15.728	15.722	15.745	HH	3816	50439	1.76%	0.055%
385	15.756	15.745	15.792	HH	3904	106656	3.72%	0.117%
386	15.827	15.792	15.878	HH	4962	217158	7.57%	0.238%
387	15.881	15.878	15.886	HH	3849	18427	0.64%	0.020%
388	15.938	15.886	15.986	HH	185527	2481099	86.53%	2.724%
389	16.000	15.986	16.025	HH	4642	101541	3.54%	0.111%
390	16.033	16.025	16.040	HH	4141	36091	1.26%	0.040%
391	16.044	16.040	16.051	HH	4158	26592	0.93%	0.029%
392	16.065	16.051	16.088	HH	4231	93025	3.24%	0.102%
393	16.105	16.088	16.112	HH	4389	61699	2.15%	0.068%
394	16.117	16.112	16.123	HH	4412	28583	1.00%	0.031%
395	16.150	16.123	16.176	HH	4791	144860	5.05%	0.159%
396	16.180	16.176	16.187	HH	4508	31230	1.09%	0.034%
397	16.193	16.187	16.200	HH	4535	33376	1.16%	0.037%
398	16.245	16.200	16.265	HH	5459	192828	6.73%	0.212%
399	16.317	16.265	16.386	HH	10535	481327	16.79%	0.528%
400	16.419	16.386	16.476	HH	9213	354688	12.37%	0.389%
401	16.504	16.476	16.533	HH	8643	228890	7.98%	0.251%
402	16.554	16.533	16.597	HH	6409	227411	7.93%	0.250%
403	16.606	16.597	16.610	HH	5648	42376	1.48%	0.047%
404	16.620	16.610	16.629	HH	5825	65878	2.30%	0.072%

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405	16.640	16.629	16.663	HH	5883	117685	4.10%	0.129%
406	16.717	16.663	16.733	HH	6969	277082	9.66%	0.304%
407	16.755	16.733	16.793	HH	7665	252587	8.81%	0.277%
408	16.815	16.793	16.838	HH	7284	187763	6.55%	0.206%
409	16.884	16.838	16.916	HH	173185	2474506	86.30%	2.717%
410	16.934	16.916	16.953	HH	10304	204279	7.12%	0.224%
411	16.961	16.953	16.984	HH	8536	147155	5.13%	0.162%
412	17.016	16.984	17.025	HH	7188	171929	6.00%	0.189%
413	17.033	17.025	17.050	HH	7103	103954	3.63%	0.114%
414	17.082	17.050	17.087	HH	7549	157441	5.49%	0.173%
415	17.096	17.087	17.103	HH	7625	76203	2.66%	0.084%
416	17.120	17.103	17.125	HH	7923	99809	3.48%	0.110%
417	17.130	17.125	17.168	HH	8015	200084	6.98%	0.220%
418	17.171	17.168	17.178	HH	7620	46817	1.63%	0.051%
419	17.213	17.178	17.223	HH	8195	212123	7.40%	0.233%
420	17.256	17.223	17.304	HH	14553	520426	18.15%	0.571%
421	17.331	17.304	17.360	HH	16928	406998	14.19%	0.447%
422	17.379	17.360	17.399	HH	8772	196861	6.87%	0.216%
423	17.417	17.399	17.444	HH	9543	237108	8.27%	0.260%
424	17.448	17.444	17.450	HH	8309	30040	1.05%	0.033%
425	17.463	17.450	17.497	HH	9023	244513	8.53%	0.268%
426	17.518	17.497	17.545	HH	9096	250616	8.74%	0.275%
427	17.557	17.545	17.577	HH	8833	164822	5.75%	0.181%
428	17.583	17.577	17.596	HH	8466	93045	3.25%	0.102%
429	17.615	17.596	17.630	HH	8941	176163	6.14%	0.193%
430	17.640	17.630	17.647	HH	8892	90797	3.17%	0.100%
431	17.698	17.647	17.711	HH	9812	356730	12.44%	0.392%
432	17.769	17.711	17.805	HH	167521	2601891	90.74%	2.857%
433	17.813	17.805	17.829	HH	9334	133619	4.66%	0.147%
434	17.859	17.829	17.882	HH	12381	332873	11.61%	0.365%
435	17.906	17.882	17.915	HH	9966	192566	6.72%	0.211%
436	17.934	17.915	17.967	HH	11392	329573	11.49%	0.362%
437	17.973	17.967	17.991	HH	10452	148097	5.16%	0.163%
438	18.013	17.991	18.034	HH	11001	269712	9.41%	0.296%
439	18.038	18.034	18.061	HH	10270	164585	5.74%	0.181%
440	18.130	18.061	18.170	HH	37359	1231147	42.94%	1.352%
441	18.187	18.170	18.220	HH	21567	492514	17.18%	0.541%
442	18.297	18.220	18.322	HH	13234	716036	24.97%	0.786%
443	18.346	18.322	18.393	HH	12128	499757	17.43%	0.549%
444	18.403	18.393	18.419	HH	11288	170747	5.95%	0.187%
445	18.446	18.419	18.470	HH	11931	359032	12.52%	0.394%
446	18.493	18.470	18.525	HH	11927	380093	13.26%	0.417%
447	18.597	18.525	18.659	HH	145474	2867329	100.00%	3.148%
448	18.698	18.659	18.723	HH	15866	530138	18.49%	0.582%
449	18.734	18.723	18.743	HH	13899	169501	5.91%	0.186%
450	18.766	18.743	18.836	HH	14662	744111	25.95%	0.817%
451	18.854	18.836	18.867	HH	12779	239283	8.35%	0.263%
452	18.873	18.867	18.879	HH	12828	93609	3.26%	0.103%
453	18.884	18.879	18.894	HH	12773	110462	3.85%	0.121%
454	18.964	18.894	19.064	HH	29041	1866549	65.10%	2.049%
455	19.096	19.064	19.122	HH	15397	520950	18.17%	0.572%
456	19.144	19.122	19.167	HH	16127	405319	14.14%	0.445%

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457	19.177	19.167	19.219	HH	14687	445911	15.55%	0.490%
458	19.250	19.219	19.291	HH	15336	639278	22.30%	0.702%
459	19.305	19.291	19.324	HH	14827	285905	9.97%	0.314%
460	19.327	19.324	19.338	HH	14397	125909	4.39%	0.138%
461	19.379	19.338	19.414	HH	126684	2213265	77.19%	2.430%
462	19.422	19.414	19.428	HH	15595	132755	4.63%	0.146%
463	19.461	19.428	19.470	HH	18145	420239	14.66%	0.461%
464	19.487	19.470	19.543	HH	18416	745822	26.01%	0.819%
465	19.563	19.543	19.590	HH	16368	447480	15.61%	0.491%
466	19.604	19.590	19.622	HH	16189	301081	10.50%	0.331%
467	19.627	19.622	19.633	HH	15564	101189	3.53%	0.111%
468	19.675	19.633	19.704	HH	17950	713239	24.87%	0.783%
469	19.747	19.704	19.807	HH	26895	1206537	42.08%	1.325%
470	19.813	19.807	19.833	HH	16615	260297	9.08%	0.286%
471	19.853	19.833	19.882	HH	17178	488855	17.05%	0.537%
472	19.935	19.882	19.950	HH	17120	681718	23.78%	0.749%
473	20.007	19.950	20.047	HH	18202	1024837	35.74%	1.125%
474	20.052	20.047	20.060	HH	17543	138363	4.83%	0.152%
475	20.114	20.060	20.179	HH	107044	2583496	90.10%	2.837%
476	20.219	20.179	20.223	HH	19652	513993	17.93%	0.564%
477	20.229	20.223	20.243	HH	19815	235068	8.20%	0.258%
478	20.249	20.243	20.252	HH	19743	107684	3.76%	0.118%
479	20.256	20.252	20.267	HH	19719	171168	5.97%	0.188%
480	20.287	20.267	20.312	HH	19963	522411	18.22%	0.574%
481	20.371	20.312	20.410	HH	20188	1139304	39.73%	1.251%
482	20.495	20.410	20.567	HH	23540	1963765	68.49%	2.156%
483	20.577	20.567	20.584	HH	19703	204096	7.12%	0.224%
484	20.588	20.584	20.601	HH	19642	199118	6.94%	0.219%
485	20.610	20.601	20.614	HH	19590	141407	4.93%	0.155%
486	20.626	20.614	20.653	HH	19605	455884	15.90%	0.501%
487	20.658	20.653	20.668	HH	19075	177302	6.18%	0.195%
488	20.707	20.668	20.735	HH	21380	800851	27.93%	0.879%
489	20.744	20.735	20.751	HH	19605	182158	6.35%	0.200%
490	20.755	20.751	20.771	HH	19401	231786	8.08%	0.254%
491	20.779	20.771	20.808	HH	19351	429110	14.97%	0.471%
492	20.852	20.808	20.899	HH	88095	2170615	75.70%	2.383%
493	20.914	20.899	20.944	HH	18453	497320	17.34%	0.546%
494	20.953	20.944	20.959	HH	18163	159615	5.57%	0.175%
495	21.000	20.959	21.020	HH	18448	674516	23.52%	0.741%
496	21.025	21.020	21.035	HH	18534	160924	5.61%	0.177%
497	21.048	21.035	21.055	HH	18463	225208	7.85%	0.247%
498	21.063	21.055	21.087	HH	18387	347100	12.11%	0.381%
499	21.100	21.087	21.113	HH	18211	278648	9.72%	0.306%
500	21.159	21.113	21.200	HH	18592	943517	32.91%	1.036%
501	21.276	21.200	21.349	HH	20182	1651761	57.61%	1.814%
502	21.357	21.349	21.362	HH	17858	138567	4.83%	0.152%
503	21.370	21.362	21.384	HH	18039	233572	8.15%	0.256%
504	21.387	21.384	21.399	HH	17826	159904	5.58%	0.176%
505	21.403	21.399	21.453	HH	17770	569688	19.87%	0.626%
506	21.458	21.453	21.464	HH	17308	107988	3.77%	0.119%
507	21.468	21.464	21.475	HH	17341	120076	4.19%	0.132%
508	21.483	21.475	21.489	HH	17255	135155	4.71%	0.148%
509	21.492	21.489	21.496	HH	17242	72468	2.53%	0.080%

					rteres				
510	21.512	21.496	21.562	HH	17775	688978	24.03%	0.756%	
511	21.658	21.562	21.705	HH	19273	1515484	52.85%	1.664%	
512	21.768	21.705	21.850	HHA	65963	2681625	93.52%	2.944%	
					Sum of corrected areas:	91077265			

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